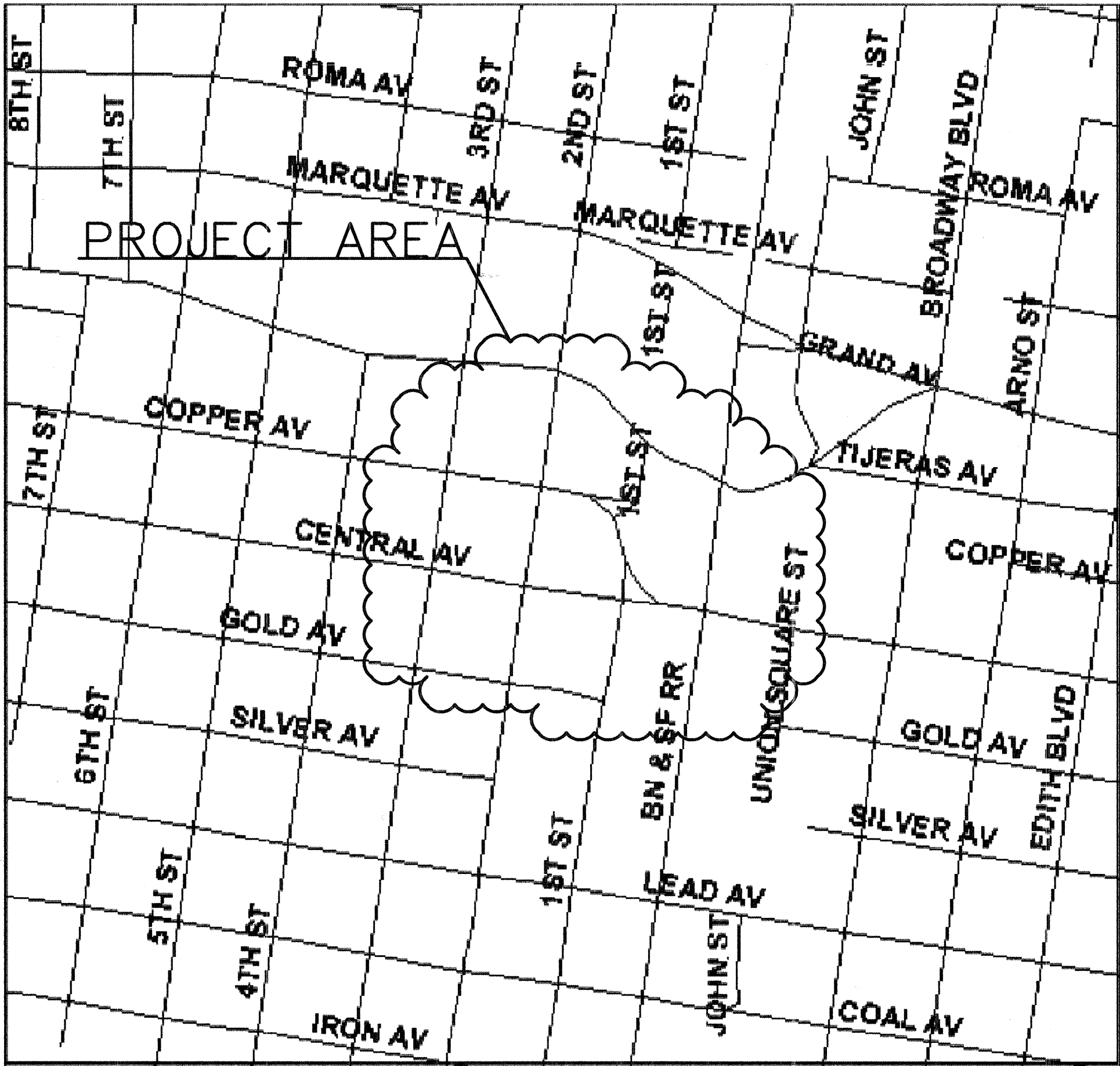


CITY OF ALBUQUERQUE
NEW MEXICO



CONSTRUCTION PLANS
FOR
FIRST STREET & COPPER AVENUE
INTERSECTION
COA PROJECT NO. 691892



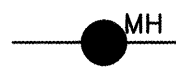
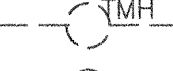
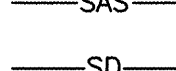
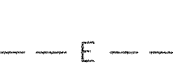
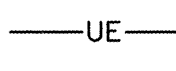
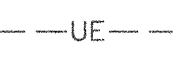
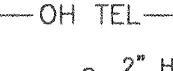
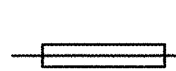
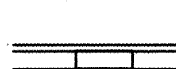
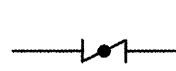
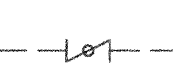
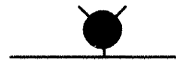
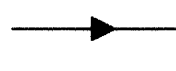
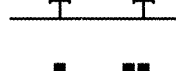
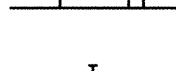
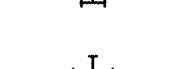
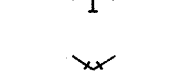
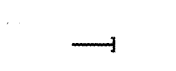
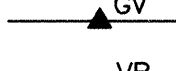
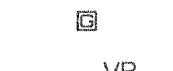
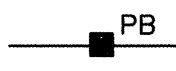
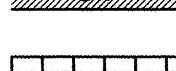
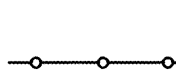
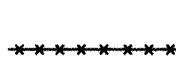
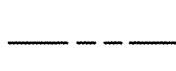
LOCATION MAP
ZONE ATLAS K-14
NTS

INDEX OF SHEETS

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- 2 LEGEND, GENERAL NOTES AND UTILITY OWNERS
- 3 SUMMARY OF QUANTITIES
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- 8 DEMOLITION PLAN
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Gannett Fleming West, Inc.
2155 Louisiana NE, Suite 9000 Albuquerque, New Mexico 87110
Office: (505) 265-8468 Facsimile: (505) 881-2513

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER	DATE	*****	
		DRC Chairman			12-02-04	APPROVED FOR CONSTRUCTION	
		Transportation			12-1-04		
		Water/Wastewater			11-23-04		
		Hydrology			11-22-04		
		Parks			12-02-04		
		Constr. Mngmt.			12-02-04		
		Constr. Coord.			12-02-04		
		City Project No.		691892		Sheet	Of
						1	24

PROPOSED	EXISTING	DESCRIPTION
		SANITARY SEWER MANHOLE
		STORM DRAIN MANHOLE
		TELEPHONE MANHOLE
		MANHOLE
		SANITARY SEWER LINE w/SIZE & TYPE
		STORM DRAIN LINE w/SIZE & TYPE
		WATER LINE w/SIZE & TYPE
		OVERHEAD ELECTRICAL LINE
		ELECTRICAL RISER
		UNDERGROUND ELECTRICAL/TRAFFIC CONTROL
		UNDERGROUND TELEPHONE
		OVERHEAD TELEPHONE
		GAS LINE w/SIZE & TYPE
		CABLE TELEVISION LINE
		ENCASEMENT
		STORM INLET (GRADE ELEVATION GIVEN IN PLANS IS EXTENDED FLOW LINE)
		WATER RISER
		WATER VALVE
		BUTTERFLY VALVE
		FIRE HYDRANT
		REDUCER
		SAS SERVICE CONNECTION
		WATER SERVICE CONNECTION
		TEES
		CROSSES
		BENDS
		CAPS & PLUGS
		WATER METER
		GAS METER
		GAS RISER
		VALVE BOX
		POWER POLE
		TRAFFIC SIGNAL
		TRAFFIC CONTROL BOX
		PULL BOX
		TELEPHONE RISER
		TELEPHONE BOOTH
		FIRE ALARM BOX
		CURB & GUTTER
		SIDEWALK
		BLOCK WALL
		CHAIN LINK FENCE
		FIELD FENCE
		RIGHT OF WAY LINES
		PROPERTY LINES(SIDE)
		PUBLIC EASEMENT
		POWER POLE w/LIGHT
		DRIVE PAD
		MOBILITY IMPAIRED ACCESS RAMP
		C.O.A. PROJECT CONTROL POINT OR A.C.S. MONUMENT DO NOT DISTURB
		TEST BORING
		HORIZ. & VERT. CONTROL
		TREE
		BUSH
		SIGN OR BILLBOARD
		PARKING BUMPER

GENERAL NOTES:

- 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 THE CONSTRUCTION PROJECT MANAGER.
- NOT USED
- NO MATERIAL PITS HAVE BEEN DESIGNATED FOR THIS PROJECT. THE CONTRACTOR MAY OBTAIN SPECIFICATION BORROW OR SURFACING MATERIAL FROM ANY ACCEPTABLE SOURCE.
- THE CONTRACTOR SHALL CLEAN ALL EXISTING STRUCTURES THAT ARE TO REMAIN OPERATIONAL. STRUCTURES SHALL BE CLEAN AT THE 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.
- THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION 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 (924-3400) PRIOR TO OCCUPYING AN INTERSECTION.
- THE CONTRACTOR SHALL BE RESTRICTED TO THE USE OF 35 TON NON-VIBRATING ROLLER MAXIMUM 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 STRUCTURES.
- 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 WORKS CONSTRUCTION, 1986 EDITION THROUGH UPDATE NO.7.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT N.M. ONE-CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- ALL NEW STREET PAVING, CURB AND GUTTER, SIDEWALKS OR DRIVE PADS SHALL MATCH THE ELEVATIONS OF ABUTTING EXISTING AREAS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE PROJECT MANAGER.
- 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 PERFORM THEIR REQUIRED WORK. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCE CAUSED BY UTILITY COMPANY WORK CREWS.
- WHEN ABUTTING NEW PAVEMENT TO EXISTING, CONTRACTOR SHALL SAW CUT, TO FULL PAVEMENT DEPTH, THE EXISTING PAVEMENT TO A 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.
- 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 REPAIR OR REPLACE PER CITY OF ALBUQUERQUE STANDARDS AT HIS OWN EXPENSE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING, AT HIS OWN EXPENSE, ALL PERMITS NECESSARY FOR CONSTRUCTION.
- ALL WORK IMPACTING AN ARTERIAL ROADWAY WILL REQUIRE 24-HOUR CONSTRUCTION IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE'S ORANGE BARREL POLICY.
- 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.
- OVERNIGHT PARKING OF CONSTRUCTION VEHICLES ON PRIVATE PROPERTY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT HORIZONTAL AND VERTICAL CONTROL SURVEY MONUMENTS PRIOR TO INITIATING 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 CONTRACTOR'S EXPENSE.
- ALL TRENCH EXCAVATION BACKFILL WITHIN THE ROADWAY PRISM SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR PER ASTM D-698 OR D-1557 AS APPLICABLE.
- ANY EARTHWORK HAUL ON THIS PROJECT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR ITEM 0202.010 - SITE CLEARING AND GRUBBING AND NO SEPARATE PAYMENT WILL BE MADE THEREFOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS REQUIRED TO COMPLETE THE PROJECT. ADDITIONAL REMOVALS NOT SHOWN ON THE PLANS WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR 0202.010 - SITE CLEARING AND GRUBBING.
- BID ITEM 343.030-SAWCUT, REMOVE AND DISPOSE ASPHALT CONCRETE PAVEMENT, ANY DEPTH, ARE INCLUDED FOR PAVEMENT REMOVALS IN AREAS WHERE THE ROADWAY WILL NOT BE IMMEDIATELY ADJUSTED TO NEW GRADES AS SHOWN IN THE PLANS.
- THE CONSTRUCTION CLEAR ZONE FOR THIS PROJECT IS 14 FEET FROM THE EDGE OF DRIVING LANE. THE CONTRACTOR SHALL NOT 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 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 MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
- 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.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT BUILDING STRUCTURES ALONG SECOND STREET NOT BE DAMAGED DUE TO ANY CONSTRUCTION ACTIVITIES. DAMAGE CAUSED OR ALLEGED TO HAVE BEEN TO ANY BUILDING STRUCTURE WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, INCLUDING ALL COSTS INCURRED IN RESTORING/REPAIRING SAID DAMAGE.
- THE CONTRACTOR IS HEREBY ADVISED THAT ANY STREETS UNDER CONSTRUCTION MUST BE COMPLETELY OPEN AND FUNCTIONAL DURING ANY MAJOR SCHEDULED EVENT TAKING PLACE IN THE DOWNTOWN AREA. THE CITY'S PROJECT MANAGER SHALL PROVIDE ADVANCED NOTICE.
- THE CONTRACTOR SHALL SUBMIT A PROPOSED WORK PLAN FOR PEDESTRIAN IMPROVEMENTS TO THE PROJECT MANAGER FOR REVIEW AND APPROVAL PRIOR TO INITIATING THIS WORK. THIS PLAN SHALL INCLUDE THE METHOD PROPOSED TO MAINTAIN PEDESTRIAN ACCESS TO BUSINESSES AND BUILDINGS 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. THIS SHALL BE CONSIDERED INCIDENTAL AND NO ADDITIONAL PAYMENT WILL BE MADE.
- THROUGHOUT THE LIFE OF THIS PROJECT, THE CONTRACTOR SHALL KEEP THE LOCAL NEWS MEDIA INFORMED OF CONSTRUCTION ACTIVITIES WHICH WILL RESTRICT THE NORMAL FLOW OF TRAFFIC.
- 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 REVISED BY THE PROJECT MANAGER FOR ACCURACY AND COMPLETENESS AT LEAST ONCE EVERY 30 DAYS. THE FINAL AS-BUILT PLANS SHALL BE SUBMITTED TO THE PROJECT MANAGER PRIOR TO FINAL PAYMENT.
- CONTRACTOR SHALL WORK CONTINUOUSLY, 24-HOURS PER DAY, ON ALL ARTERIAL ROADWAYS WHEN TRAFFIC LANES ARE CLOSED TO TRAFFIC UNLESS THE WORK VIOLATES THE CITY'S NOISE ORDINANCE.
- IF THE CONTRACTOR IS NOT ALLOWED TO WORK AT NIGHT DUE TO NOISE ORDINANCE VIOLATIONS, THE CONTRACTOR SHALL OPEN ALL TRAFFIC LANES TO TRAFFIC WITH THE PROPER USE OF TRENCH PLATES DURING NON-WORKING HOURS, AND MUST WORK MINIMUM HOURS FROM 7:00 A.M. TO 10:00 P.M. MONDAY THROUGH SATURDAY.
- ARTERIAL STREETS ARE AS INDICATED IN THE "LONG RANGE ROADWAY SYSTEM" MAP PUBLISHED BY THE MID-REGION COUNCIL OF GOVERNMENTS (MRCOG).
- ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

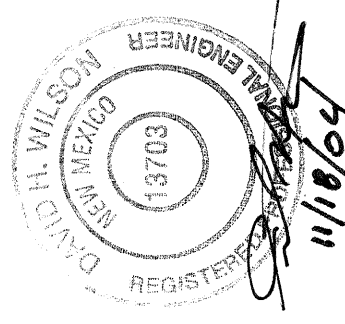
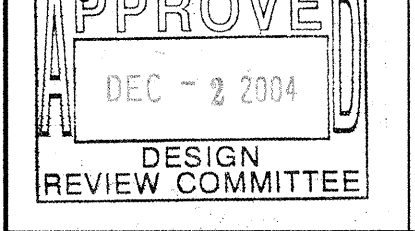
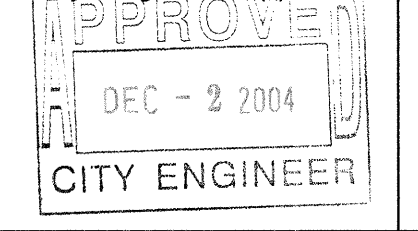
UTILITY OWNERS

Bouchard, Mark	Office phone: (505) 241-3402 Office fax: (505) 241-0559 mbouchard@pnm.com	PNM- Electric Engineering Representative 4201 Edith Blvd. NE, MS-ES61 Albuquerque, NM 87107
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Darnell, Andy	Office phone: (505) 346-4470 Office fax: (505) 346-4481 andy.darnell@wcom.com	MCI Worldcom Operations Manager 6001 Midway Park NE Albuquerque, NM 87103
Erickson, Rita	Office phone: (505) 761-6235 Office fax: (505) 761-0599 rita_erickson@cable.comcast.com	Comcast Planning and Design Supervisor 4611 Montbel Place NE Albuquerque, NM 87107
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Mueller, Rick	Office phone: (505) 244-3161 Office fax: (505) 244-0094 Cell phone: 228-3329 rdmueller@mcleodusa.com	McLeodUSA Supervisor of Outside Techs. 505 Marquette NW, (Compass Bank) Suite 1600 Albuquerque, NM 87102
Muller, David	Office phone: (505) 245-8706 Office fax: (505) 245-6831 or 245-6733 dmuller@uswest.com	QWEST/US WEST Capacity Provisioning Specialist 201 3rd Street NW (Bank of Albuquerque) Suite 700 Albuquerque, NM 87102
Romanowski, Jeff	Office phone: (505) 241-7703	PNM - Gas Co. of NM Project Engineer 4625 Edith Blvd. NE Albuquerque, NM 87107
Martinez, Jamie	Office phone: (505) 328-2675 Office Fax: (505) 246-0479 jhcocaco_jm@att.net	Universal Access, Inc. 505 Marquette Ave NW #119A Albuquerque, NM 87102
Olson, Greg	Office phone: (505) 768-2719 Office fax: (505) 768-3629 golson@cabq.gov	City of Albuquerque Principal Engineer, Utility Development P.O. Box 1293 Albuquerque, NM 87103
Storm Maintenance	Office phone: (505) 291-6214	Glen Jurgensen Public Works Department P.O. Box 1293 Albuquerque, NM 87103

* INCIDENTAL ITEMS

- CLEAN EXISTING STRUCTURES. SEE GENERAL NOTE 4
- MATCHING EXISTING PAVEMENTS. SEE GENERAL NOTE 11
- ALL NECESSARY PERMITS. SEE GENERAL NOTE 13
- OFF-DUTY POLICE OFFICER. SEE GENERAL NOTE 23
- ANCHOR BOLTS AND GROUNDING RODS FOR FOUNDATIONS
- PAVEMENT SAW CUT FOR NEW ROADWAY PAVING
- PROPOSED WORK PLAN FOR PEDESTRIAN IMPROVEMENTS
- CLEANING TRAFFIC CONTROL DEVICES
- BORING, DRILLING, PUSHING, AND TRENCHING, INCLUDING REMOVAL AND REPLACEMENT OF PAVEMENT, SIDEWALKS, DRIVEPADS, VALLEY GUTTERS, WHEELCHAIR RAMPS, CURB & GUTTER, AND LANDSCAPING (INCLUDING SPRINKLERS), FOR INSTALLATION OF PULL BOXES, CONDUITS, AND SIGNAL FOUNDATIONS, EXCEPT AS NOTED ON THE PLANS.
- LOCATION OF UTILITY LINES INCLUDING EXPLORATORY TRENCHING AND EXPOSING OF GAS LINES WHEN BORING.
- DESIGN, MATERIALS, INSTALLATION AND REMOVAL OF SAFETY BARRIER FOR SHIELDING EQUIPMENT OR MATERIAL.
- APPRIISING PUBLIC THROUGH THE LOCAL NEWS MEDIA.
- HAULING OF MATERIAL TO BE DISPOSED TO CITY LANDFILL.
- TRANSPORTATION OF REMOVED OR SALVAGED SIGNAL EQUIPMENT TO THE CITY TRAFFIC ENGINEERING OPERATIONS YARD.
- LEAN FILL FOR CONDUIT TRENCHES.
- REMOVAL AND REPLACEMENT IN KIND OR BETTER OF LANDSCAPING INCLUDING SPRINKLERS, FOR INSTALLATION OF PULL BOXES, CONDUITS AND SIGNAL FOUNDATIONS.
- COST FOR PUBLIC SERVICE COMPANY TO PROVIDE ELECTRICAL SERVICE.

* ITEMS LISTED ARE ONLY A GENERAL DESCRIPTION OF THE REQUIRED WORK AND MATERIALS, AND MAY NOT BE COMPLETE. THIS LIST DOES NOT INCLUDE ANY INCIDENTAL WORK OR MATERIALS REQUIRED BY THE SPECIAL PROVISIONS, SERIALS (STANDARD DETAILS), SUPPLEMENTAL SPECIFICATIONS, OR THE STANDARD SPECIFICATIONS.

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
 GANNETT FLEMING WEST, INC. 1/18/04		FIELD NOTES		STANDARD CITY OF ALBUQUERQUE DISK SET		CONTRACTOR	
		NO.	BY	DATE	DATE	DATE	DATE
REMARKS		BY		DATE		DATE	
DESIGNED BY		MPC		DATE		DATE	
DRAWN BY		BRS		DATE		DATE	
CHECKED BY		MPG		DATE		DATE	
 Gannett Fleming West, Inc. 2105 Louisiana NE, Suite 9000 Albuquerque, New Mexico 87110 Office: (505) 243-1444 Facsimile: (505) 881-2513							
 CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT							
TITLE: FIRST & COPPER TRANSPORTATION IMPROVEMENTS							
LEGEND, GENERAL NOTES, INCIDENTALS & UTILITY OWNERS							
Design Review Committee		City Engineer Approval		Mo./Day/Yr.		Mo./Day/Yr.	
							
City Project No.		Zone Map No.		Sheet		Of	
691892		K-14		2		24	

Date: Nov 18, 2004 - 5:54pm - mgraph Layout: Layout1
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SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	PARTICIPATING FUNDS													
			ROADWAY		CONSTRUCTION ENGINEERING		CONSTRUCTION SIGNING		PERMANENT SIGNING		LIGHTING		LANDSCAPING		PROJECT TOTAL	
			ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL
004.010	CONSTRUCTION STAKING BY THE CONTRACTOR	LS													LS	
006.010	CONSTRUCTION PROJECT SIGN, CIP	EA					2								2	
621.001	CONSTRUCTION MOBILIZATION, CIP	LS	LS												LS	
019.010	CONSTRUCTION TRAFFIC CONTROL & BARRICADING, CIP	LS					LS								LS	
019.050	VARIABLE MESSAGE SIGNS	DAYS					120								120	
019.050	ACCESS SIGNS	EA					10								10	
201.010	SITE CLEARING & GRUBBING	AC	0.1												0.1	
201.020	TREES 12" - 30" CIRCUMFERENCE, REMOVE & DISPOSE	EA	10												10	
202.010	UNCLASSIFIED EXCAVATION > 2' DEPTH, CIP	CY	250												250	
205.010	FILL, BORROW, HAUL, COMPACT	CY	400												400	
301.020	SUBGRADE PREP, 12", 95% COMPACTION, CIP	SY	2675												2675	
302.010	AGGREGATE BASE COURSE, CRUSHED 6", 95% COMPACTION, CIP	SY	3450												3450	
336.010	PRIME COAT	SY	2675												2675	
336.082	ARTERIAL ASPHALT CONCRETE, TYPE SP-III, 2 INCHES THICK, MATERIAL & PLACEMENT, CIP.	SY	2675												2675	
336.084	ARTERIAL ASPHALT CONCRETE, TYPE SP-III, 2 1/2 INCH THICK, MATERIAL & PLACEMENT, CIP.	SY	2675												2675	
336.086	ARTERIAL ASPHALT CONCRETE, TYPE SP-III, 3 INCHES THICK, MATERIAL & PLACEMENT, CIP.	SY	2675												2675	
336.120	TACK COAT	SY	5350												5350	
337.04X	PCC PAVEMENT, 8", W/BOMACRON TREATMENT	SY	260												260	
340.010	SIDEWALK, PCC, 4"	SY	725												725	
340.023	WHEELCHAIR ACCESS RAMP, PCC, 4", CIP	SY	100												100	
340.030	VALLEY GUTTER, PCC	SY	70												70	
340.050	CURB & GUTTER, STD PCC	LF	1040												1040	
343.030	A.C. PAVEMENT, > 4", SAWCUT, REMOVE & DISPOSE, CIP	SY	800												800	
343.050	CONCRETE PVMT, > 4", SAWCUT, REMOVE & DISPOSE, CIP	SY	1725												1725	
343.080	CURB & GUTTER, PCC, REMOVE & DISPOSE	LF	1030												1030	
343.085	SIDEWALK, 4" PCC, REMOVE & DISPOSE	SY	950												950	
343.090	SIDEWALK, DRIVEPAD, SAWCUT, REMOVE & DISPOSE	SY	75												75	
343.091	CONCRETE WALL BARRIER AND LOW CUT OFF WALL REMOVE & DISPOSE	LS	LS												LS	
422.130	STREET LIGHT STANDARD, REMOVE & SALVAGE, CIP.	EA									2				2	
422.131	STREET LIGHT STANDARD, REMOVE & RELOCATE, CIP.	EA									4				4	
423.020	LUMINAIRE FOUNDATION, 40' OR LESS, CIP.	EA									6				6	
423.121	STREET LIGHT FOUNDATION, REMOVE & DISPOSE, CIP.	EA									6				6	
424.005	ELECTRIC CONDUIT, 2", TRENCHING, BACKFILL & PATCHING, CIP.	EA									1300				1300	
424.010	ELECTRIC CONDUIT, 3", TRENCHING, BACKFILL & PATCHING, CIP.	LF									350				350	
424.101	ELECTRIC CONDUIT, ANY SIZE, REMOVE & DISPOSE, CIP.	LF									1100				1100	
425.002	ELECTRICAL PULL BOX (STANDARD), CIP	EA									10				10	
425.003	ELECTRICAL PULLBOX, (LARGE), CIP	EA									4				4	
426.001	SINGLE CONDUCTOR, #2, CIP	LF									2800				2800	
426.003	SINGLE CONDUCTOR, #6, CIP	LF									1400				1400	
426.101	EXISTING WIRE, REMOVE & DISPOSE, CIP	LS									LS				LS	
432.002	ROADWAY LUMINAIRE, 400 S	EA									5				5	
432.103	ROADWAY LUMINAIRE, REMOVE & DISPOSE	EA									5				5	
432.105	PARKING LOT GATE AND ELECTRICAL EQUIPMENT, REMOVE , RELOCATE OR SALVAGE	LS													LS	
441.001	REFLECTORIZED PLASTIC MARKINGS 4"	LF							2100						2100	
441.004	REFLECTORIZED PLASTIC MARKINGS 12"	LF							950						950	
441.010	REFLECTORIZED PLASTIC RIGHT ARROW	EA							1						1	
441.011	REFLECTORIZED PLASTIC LEFT ARROW	EA							3						3	
441.013	REFLECTORIZED PLASTIC ARROW, THRU & RIGHT	EA							2						2	
441.020	REFLECTORIZED PLASTIC WORD (ONLY)	EA							5						5	
441.034	REFLECTORIZED PLASTIC WORD & SYMBOLS, CIP	SF							170						170	
450.001	ALUMINUM PANEL SIGN, CIP	SF							40						40	
450.010	STEEL POST AND BASE POST FOR PANEL SIGNS, CIP	LF							80						80	
450.101	SIGN, POST & BASE POST, REMOVE & SALVAGE, CIP	EA							14						14	
450.102	SIGN, POST & BASE POST, REMOVE & RELOCATE, CIP	EA							5						5	
701.100	TRENCHING, BACKFILL, 18"-36" SWR, <8'	LF	59												59	
801.111	WATER VALVE BOX, ADJUST TO GRADE, CIP	EA	5												5	
801.113	FIRE HYDRANT, 4' BURY, CIP	EA	1												1	
801.119	FIRE HYDRANT, EXISTING, REMOVE & SALVAGE, CIP	EA	1												1	
901.510	MH CONNECTION, 16"-36", CIP	EA	1												1	
910.005	18" RCP, CLASS III	LF	59												59	
915.010	CATCH BASIN, TYPE A, SINGLE	EA	1												1	
920.410	MANHOLE, FRAME, & COVER, ADJUST TO GRADE, > 2"	EA	12												12	

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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

TITLE: FIRST & COPPER TRANSPORTATION IMPROVEMENTS
 SUMMARY OF QUANTITIES

DESIGN REVIEW COMMITTEE

CITY ENGINEER

Mo./Day/Yr.

Mo./Day/Yr.

City Project No. 691892 Zone Map No. K-14 Sheet 3 Of 24

CONTRACTOR

DATE

STANDARD CITY OF ALBUQUERQUE DISK SET

DATE

IN A SQUARE BLOCK OF CONCRETE, STAMPED

DATE

"4"-14 ACS" STATION IS LOCATED APPROX.

DATE

7.2' EAST OF THE BACK OF CURB OF 6TH ST.

DATE

AND APPROX. 23.5' SOUTH OF BACK OF CURB

DATE

OF ROMA ST. ELEVATION = 4954.015 FT (NAD27)

DATE

N = 1487978.73, E = 379597.81 (NGVD29)

DATE

NO. DATE

BY

REVISIONS

REMARKS

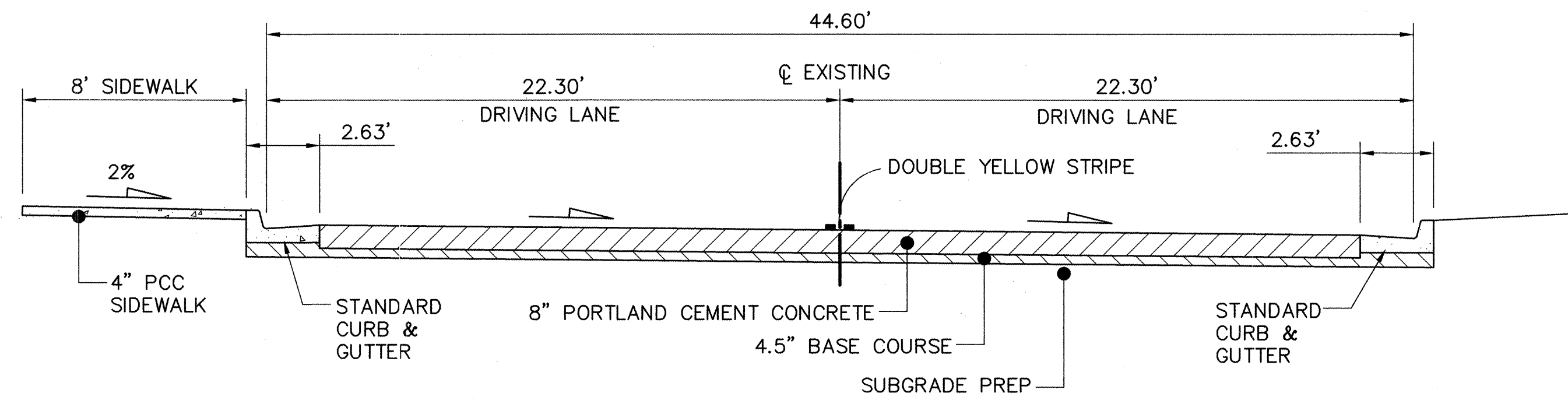
DESIGNED BY DATE 01/07/04

DRAWN BY DATE 01/07/04

CHECKED BY DATE 01/07/04

ENGINEER'S SEAL

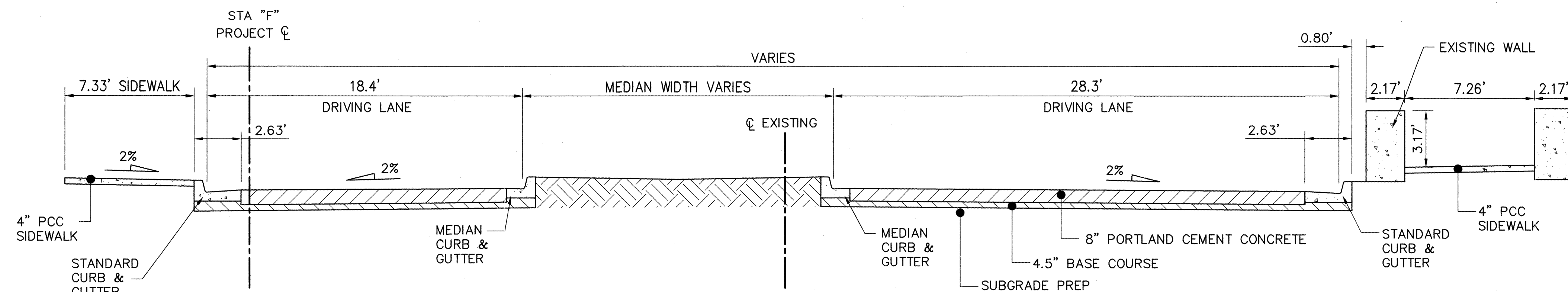
11/18/04



EXISTING TYPICAL SECTION A

(FIRST STREET AT COPPER AVE.)

STA "F" 15+44.50, 54.75' LT

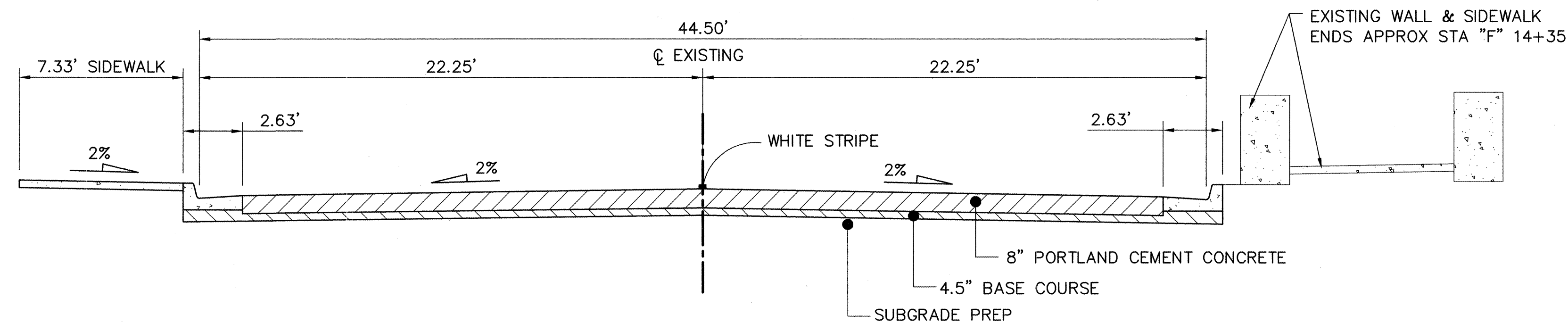


EXISTING TYPICAL SECTION B

(COPPER AVE. NEAR CENTRAL AVE.)

STA "F" 12+41.00, 24.00' RT TO

STA "F" 13+10.55, 24.00' RT



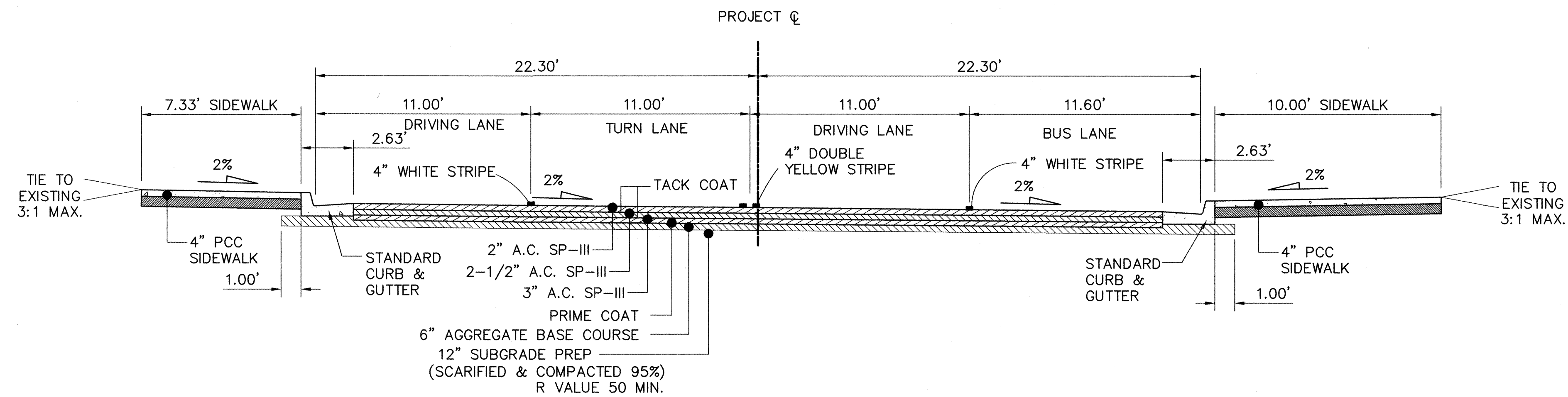
EXISTING TYPICAL SECTION C

(COPPER AVE. TOWARDS SECOND ST.)

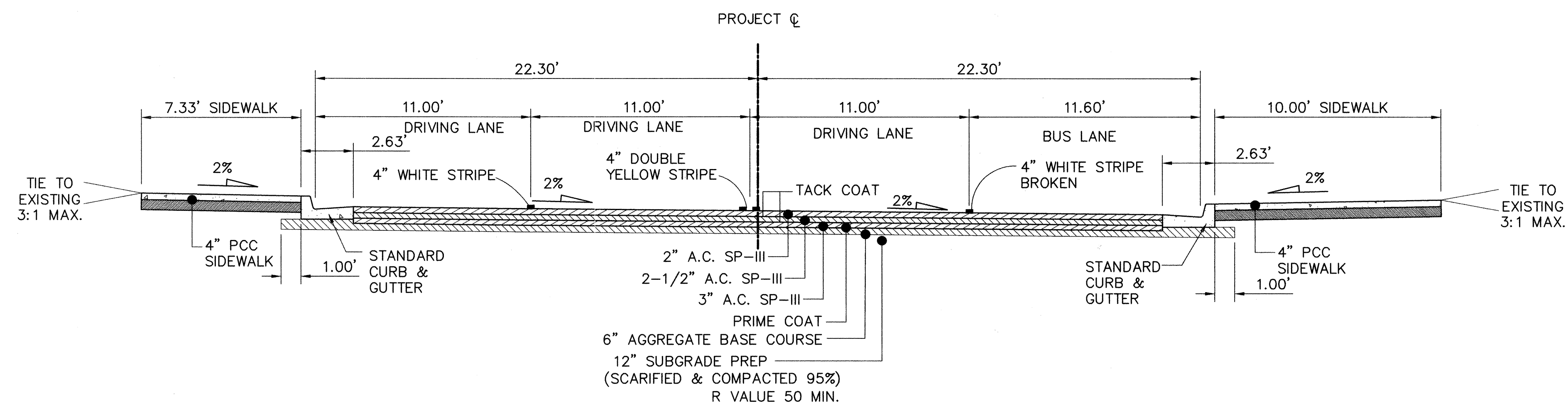
STA "F" 13+10.55, 24.00' RT TO END

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES					
		NO.	BY				
						WORK COMPLETED BY	DATE
						INSPECTED BY	DATE
						ACCEPTANCE BY	DATE
						REVISION BY	DATE
						DRAWINGS CORRECTED BY	DATE
						<i>MICRO-FILM INFORMATION</i>	
						RECORDED BY	DATE
						NO.	

Date: Nov 18, 2004 - 5:54pm mprgub Layout: SHEET-1
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FIRST STREET, TYPICAL SECTION 1
STA "F" 13+15.11 TO 14+44.22



FIRST STREET, TYPICAL SECTION 2
STA "F" 14+44.22 TO END

PAVEMENT NOTES

- PAVEMENT SECTIONS SHOWN ARE BASED ON ANTICIPATED CITY TRANSIT BUS TRAFFIC AND LARGE TRUCK TRAFFIC ENTERING THE CONVENTION CENTER. THE CITY OF ALBUQUERQUE HAS NOT CONTRACTED A FORMAL PAVEMENT DESIGN AT THIS TIME.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		REVISIONS	
CONTRACTOR	DATE	WORK	DATE	NO.	BY	DATE	BY	NO.	DATE	NO.	DATE
CONTRACTOR	DATE	WORK	DATE	NO.	BY	DATE	BY	NO.	DATE	NO.	DATE
STANDARD CITY OF ALBUQUERQUE DISK SET		IN A SQUARE BLOCK OF CONCRETE, STAMPED									
"4-114" ACS		"4-114" ACS									
7.2' EAST OF THE BACK OF CURB OF 6TH ST.		AND APPROX. 23.5' SOUTH OF BACK OF CURB									
OF ROMA ST. ELEVATION = 4954.015 FT (NAD27)		N = 1487978.73, E = 379597.81 (NGVD29)									
NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE

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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

TITLE: FIRST & COPPER TRANSPORTATION IMPROVEMENTS
PROPOSED TYPICAL SECTIONS - FIRST STREET

Design Review Committee

APPROVE

DEC - 2 2004

DESIGN REVIEW COMMITTEE

City Engineer Approval

APPROVE

DEC - 2 2004

CITY ENGINEER

Last Design Update

Mo./Day/Yr.

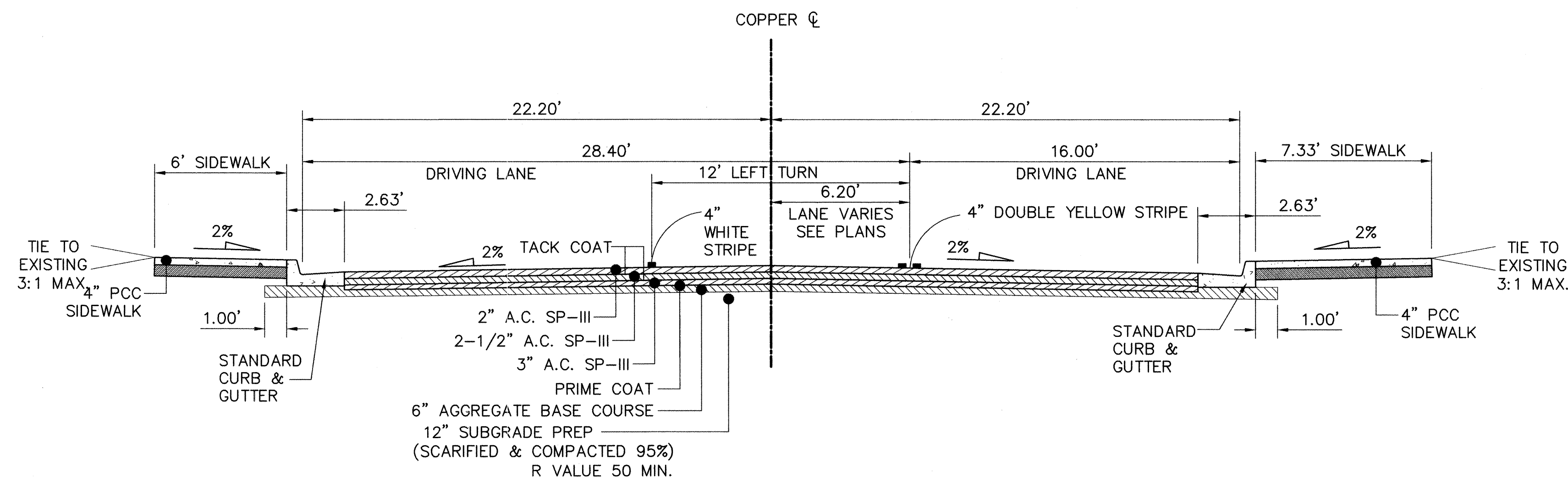
Mo./Day/Yr.

City Project No. 691892

Zone Map No. K-14

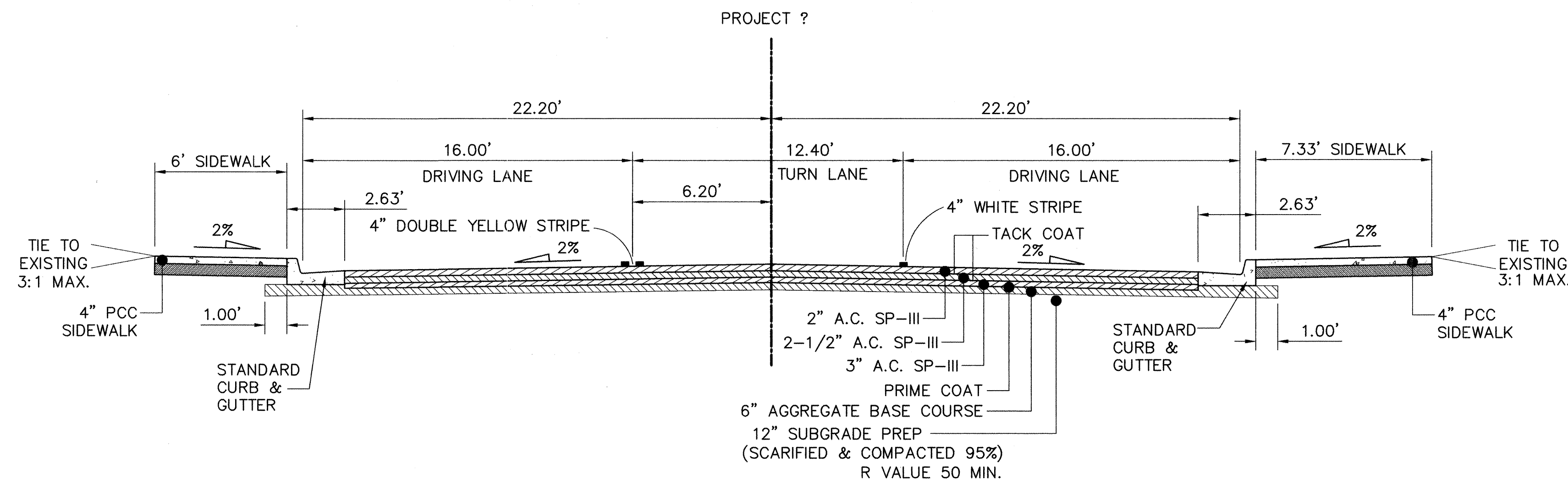
Sheet 5 of 24

Date: Nov. 18, 2004 -- 5:55pm -- ingraph -- Layout: SHEET 2
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COPPER AVE., TYPICAL SECTION 4

STA "C" 10+29.36 TO 11+35.06



COPPER AVE., TYPICAL SECTION 5

STA "C" 11+35.06 TO 13+11.82

PAVEMENT NOTES

1. PAVEMENT SECTIONS SHOWN ARE BASED ON ANTICIPATED CITY TRANSIT BUS TRAFFIC AND LARGE TRUCK TRAFFIC ENTERING THE CONVENTION CENTER. THE CITY OF ALBUQUERQUE HAS NOT CONTRACTED A FORMAL PAVEMENT DESIGN AT THIS TIME.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		GANNETT FLEMING WEST, INC.	
CONTRACTOR	DATE	STANDARD CITY OF ALBUQUERQUE DISK SET	DATE	FIELD NOTES	DATE	REGISTERED ENGINEER	DATE	NO.	DATE	DESIGNED BY	DATE
WORK	DATE	IN A SQUARE BLOCK OF CONCRETE, STAMPED	DATE	BY	DATE	DAVID H. WILSON	DATE	BY	DATE	MPG	DATE
STAMPED BY	DATE	"4-J 14" ACS" STATION IS LOCATED APPROX.	DATE			13703				BRS	DATE
FIELD ASSESSMENT BY	DATE	7.2' EAST OF THE BACK OF CURB OF 6TH ST.	DATE			REGISTERED				MPG	DATE
DRAWINGS	DATE	OF ROMA ST. ELEVATION = 4954.015 FT (NAD27)	DATE								DATE
CORRECTED BY	DATE	N = 1487978.73, E = 379597.81 (NGVD29)	DATE								DATE
MICRO-FILM INFORMATION	DATE										DATE
RECORDED BY	DATE										DATE
NO.											DATE

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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

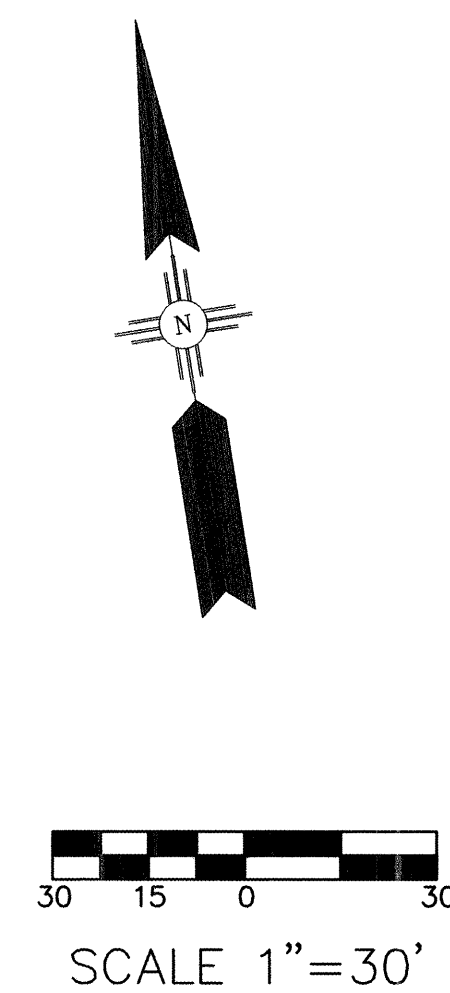
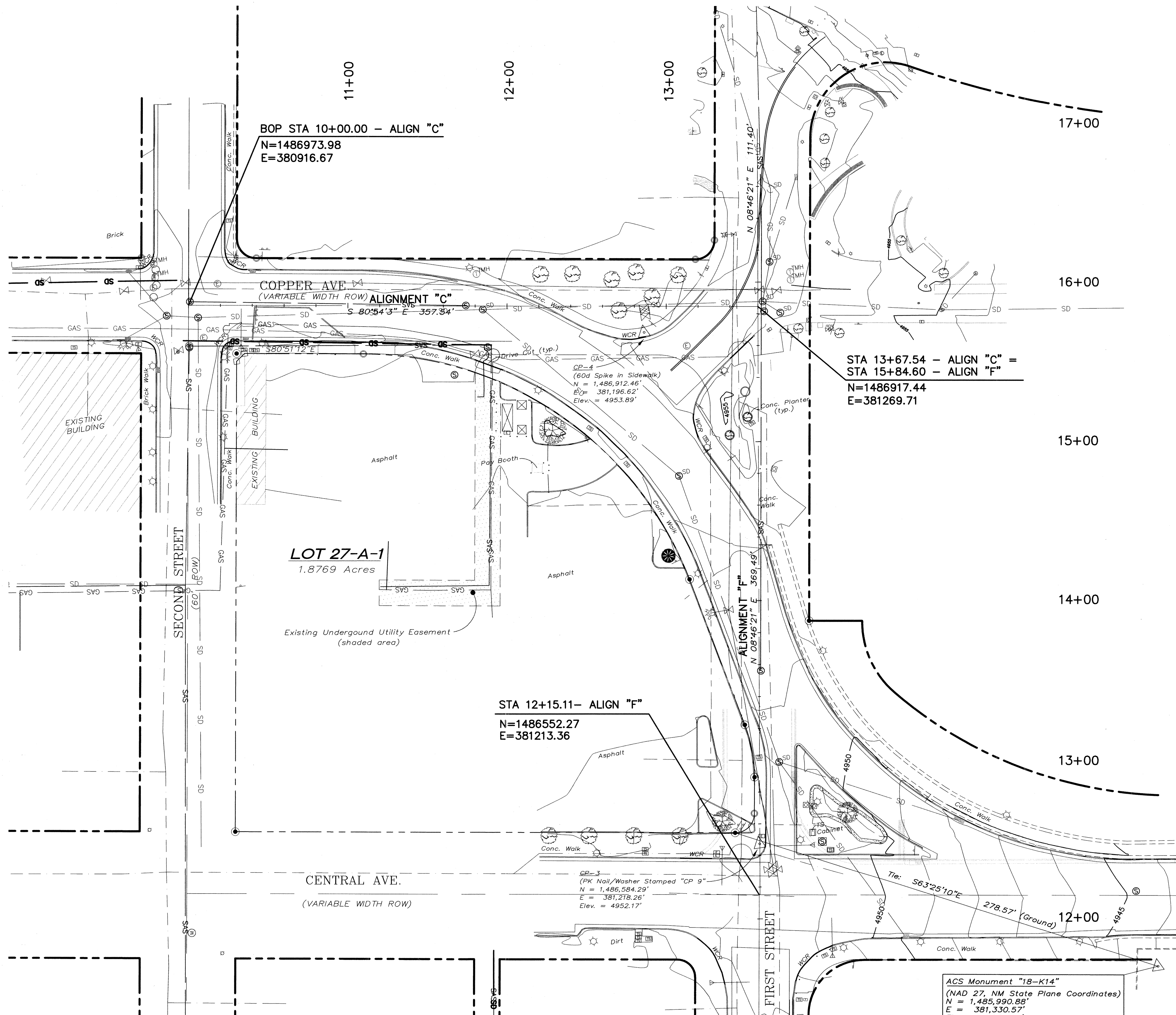
TITLE: FIRST & COPPER TRANSPORTATION IMPROVEMENTS
PROPOSED TYPICAL SECTIONS - COPPER AVE.

Design Review Committee
APPROVE
DEC - 2 2004
DESIGN REVIEW COMMITTEE

City Engineer Approval
APPROVE
DEC - 2 2004
CITY ENGINEER

City Project No. 691892 Zone Map No. K-14 Sheet 6 of 24

Date: Nov. 15, 2004 - 9:04am. Layout: Layout1
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Office: (505) 243-8448 Facsimile: (505) 881-2513

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

TITLE: FIRST & COPPER TRANSPORTATION IMPROVEMENTS SURVEY CONTROL

Design Review Committee

DEC - 2 2004
DESIGN REVIEW COMMITTEE

City Engineer Approval

DEC - 2 2004
CITY ENGINEER

Last Design Update

City Project No. 691892

Zone Map No. K-14

Sheet 7 of 24

ENGINEER'S SEAL			REVISIONS		REMARKS		BY	
			NO.	DATE	DATE	DATE	DATE	DATE
			1					
			2					
			3					
GANNETT FLEMING WEST, INC.			DESIGNED BY	DATE	DATE	DATE	DATE	DATE
			DRAWN BY	DATE	DATE	DATE	DATE	DATE
			CHECKED BY	DATE	DATE	DATE	DATE	DATE

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
FIELD NOTES	DATE	CONTRACTOR	DATE	WORK	DATE
NO.	BY	STANDARD CITY OF ALBUQUERQUE DISK SET	DATE	STANDARD CITY OF ALBUQUERQUE DISK SET	DATE
		IN A SQUARE BLOCK OF CONCRETE, STAMPED	DATE	IN A SQUARE BLOCK OF CONCRETE, STAMPED	DATE
		"4-J-14 ACS" STATION IS LOCATED APPROX.	DATE	"4-J-14 ACS" STATION IS LOCATED APPROX.	DATE
		7.2' EAST OF THE BACK OF CURB OF 6TH ST.	DATE	7.2' EAST OF THE BACK OF CURB OF 6TH ST.	DATE
		AND APPROX. 23.5' SOUTH OF BACK OF CURB	DATE	AND APPROX. 23.5' SOUTH OF BACK OF CURB	DATE
		OF ROMA ST. ELEVATION = 4954.015 FT (NAD27)	DATE	OF ROMA ST. ELEVATION = 4954.015 FT (NAD27)	DATE
		N = 1487978.73, E = 379597.81 (NGVD29)	DATE	N = 1487978.73, E = 379597.81 (NGVD29)	DATE



CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

TITLE: FIRST & COPPER TRANSPORTATION IMPROVEMENTS
GEOMETRIC LAYOUT

Design Review Committee

APPROVE

DEC - 2 2004

DESIGN
REVIEW COMMITTEE

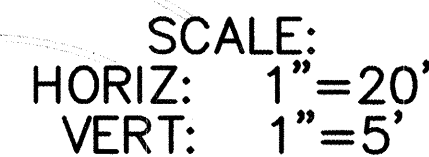
City Engineer Approval
APPROVED
DEC - 2 2004
CITY ENGINEER

City Project No.	691892	Zone Map No.	K-14	Sheet	9	Of	24
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SURVEY INFORMATION			BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	DATE	CONTRACTOR	DATE	DATE
			ACS CONTROL STATION "4-J14"	STANDARD CITY OF ALBUQUERQUE DISK SET	INSPECTOR'S	DATE
			IN A SQUARE BLOCK OF CONCRETE, STAMPED	"4-J 14 ACS". STATION IS LOCATED APPROX.	FIELD LAMAR, BY	DATE
			7.2' EAST OF THE BACK OF CURB OF 6TH ST.	VERIFICATION BY	DATE	DATE
			AND APPROX. 23.5' SOUTH OF BACK OF CURB	CORRECTED BY		
			OF ROMA ST. ELEVATION = 4954.015 FT (NAD27)	MICRO-FILM INFORMATION		
			N = 1487978.73, E = 3795597.81 (NGVD29)	RECORDED BY		DATE
				NO.		

NO.	DATE	REMARKS
<i>REVISIONS</i>		
GANNETT FLEMING WEST, INC.		
DESIGNED BY	MPG	01/01/01 DATE
DRAWN BY	BRS	01/01/01 DATE

Date: Nov 17, 2004 - 8:57am mrgush Layout: Layout1
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L = 100.00' V.C.	MATCH EXISTING
A.D. = 1.42%	PAVEMENT
K = 70.61	

ASPHALT PAVEMENT

 **Gannett Fleming West, Inc.**

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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

TITLE: FIRST & COPPER TRANSPORTATION IMPROVEMENTS
PLAN AND PROFILE
FIRST ST. - CENTRAL TO COPPER

Design Review Committee

APPROVED

DEC - 2 2004

DESIGN
REVIEW COMMITTEE

City Engineer Approval
APPROVED
DEC - 2 2004
CITY ENGINEER

City Project No.	Zone Map No.	Sheet
691892	K-14	10 OF 24

CONSTRUCTION NOTES:

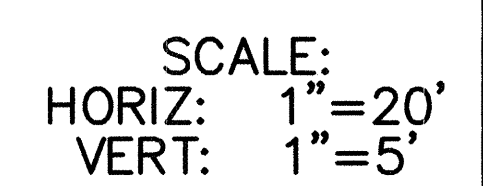
1. CONTRACTOR SHALL MATCH EXISTING PAVEMENT AT SAWCUT WITH NEW PAVEMENT SECTION. TYPICAL SECTION SHALL BE SYMMETRICAL ABOUT DESIGN CENTERLINE CONSTRUCTION. SEE TYPICAL SECTIONS ON SHEET 5 FOR PROFILE GRADE POINT.

CONSTRUCTION KEYED NOTES:

- ① STA. 13+32.26, 22.30' LT./RT. CONTRACTOR SHALL PERFORM A CLEAN SAWCUT AT EXISTING PAVEMENT SECTION. MATCH EXISTING PAVEMENT SECTION WITH NEW SECTION. BEGIN TRANSITION TO NEW PAVEMENT SECTION, SEE SHEET 5. END TRANSITION TO NEW SECTION AT STA. 13+60.00
- ② STA. 13+32.26 LT. TO STA. 15+50.82 LT. CONSTRUCT 6.73' WIDE 4" THICK CONCRETE SIDEWALK AND STANDARD CURB & GUTTER PER COA STD. DWGS 2430 & 2415A.
- ③ STA. 13+32.26 RT. TO STA. 15+61.00 RT. CONSTRUCT 8' WIDE 4" THICK CONCRETE SIDEWALK AND STANDARD CURB & GUTTER PER COA STD. DWGS 2430 & 2415A.
- ④ STA. 15+40.00 TO STA. 15+84.60. TRANSITION FROM 2.00% CROSS SECTION TO 0.5% CROSS SECTION @ C.L. COPPER
- ⑤ STA. 15+50.82, 34.10' LT. BUILD CURB ACCESS RAMP "A", SEE DETAIL, SHEET 14.
- ⑥ STA. 15+60.00, 38.00' RT. BUILD CURB ACCESS RAMP "B", SEE DETAIL, SHEET 14.
- ⑦ STA. 16+27.43, 37.29' RT. BUILD CURB ACCESS RAMP "C", SEE DETAIL, SHEET 14.
- ⑧ STA. 16+13.39, 25.72' LT. BUILD CURB ACCESS RAMP "D", SEE DETAIL, SHEET 14.
- ⑨ SEE GEOMETRIC LAYOUT, SHEET 9 FOR ADDITIONAL INFORMATION.
- ⑩ BUILD BRICK PATTERNED PCCP CROSSWALK, SEE SHEET 14 FOR STATIONING. PCCP CROSSWALK DETAIL AND CONSTRUCTION NOTES ARE SHOWN ON SHEET 12.
- ⑪ BUILD TYPE 'A' STORM INLET, STA. 'F' 15+15.21 RT., AS PER COA STD. DWG 2201, 2202, & 2207. BUILD 59' OF 18" RCP, CONNECT TO EXISTING MANHOLE STA. 'F' 15+80.73 RT. 14.11'. SEE SHEET 24 FOR STORM DRAIN STRUCTURE SECTION.
- ⑫ STA. 16+29.15 LT. TO STA. 16+44.97 LT. CONSTRUCT 6' WIDE 4" THICK CONCRETE SIDEWALK AND STANDARD CURB & GUTTER PER COA STD. DWGS 2430 & 2415A.
- ⑬ STA. 15+62.71 RT. TO STA. 15+80.00 RT. CONSTRUCT VARIABLE WIDTH 4" THICK CONCRETE SIDEWALK AND STANDARD CURB & GUTTER PER COA STD. DWGS 2430 & 2415A.

[illegible]

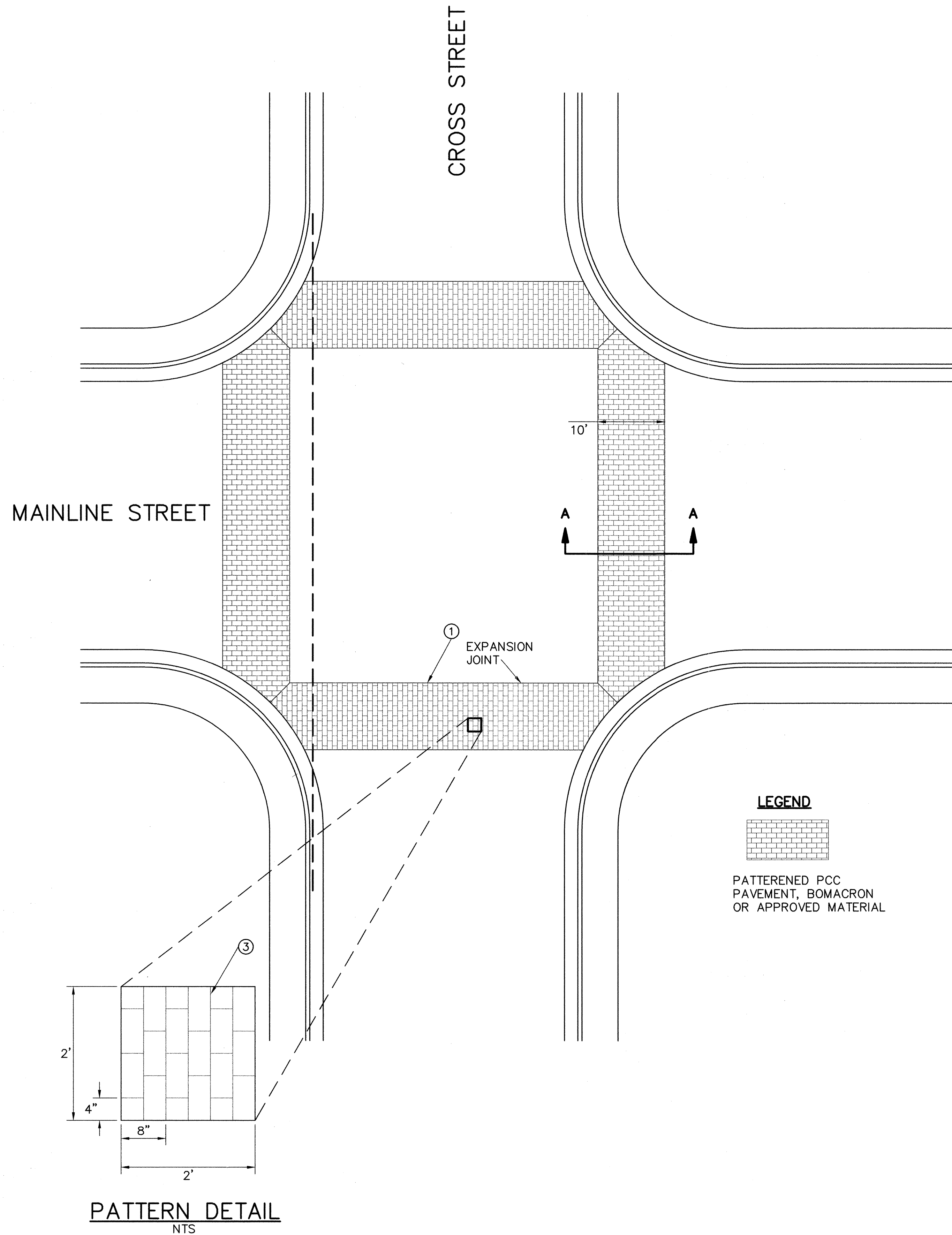
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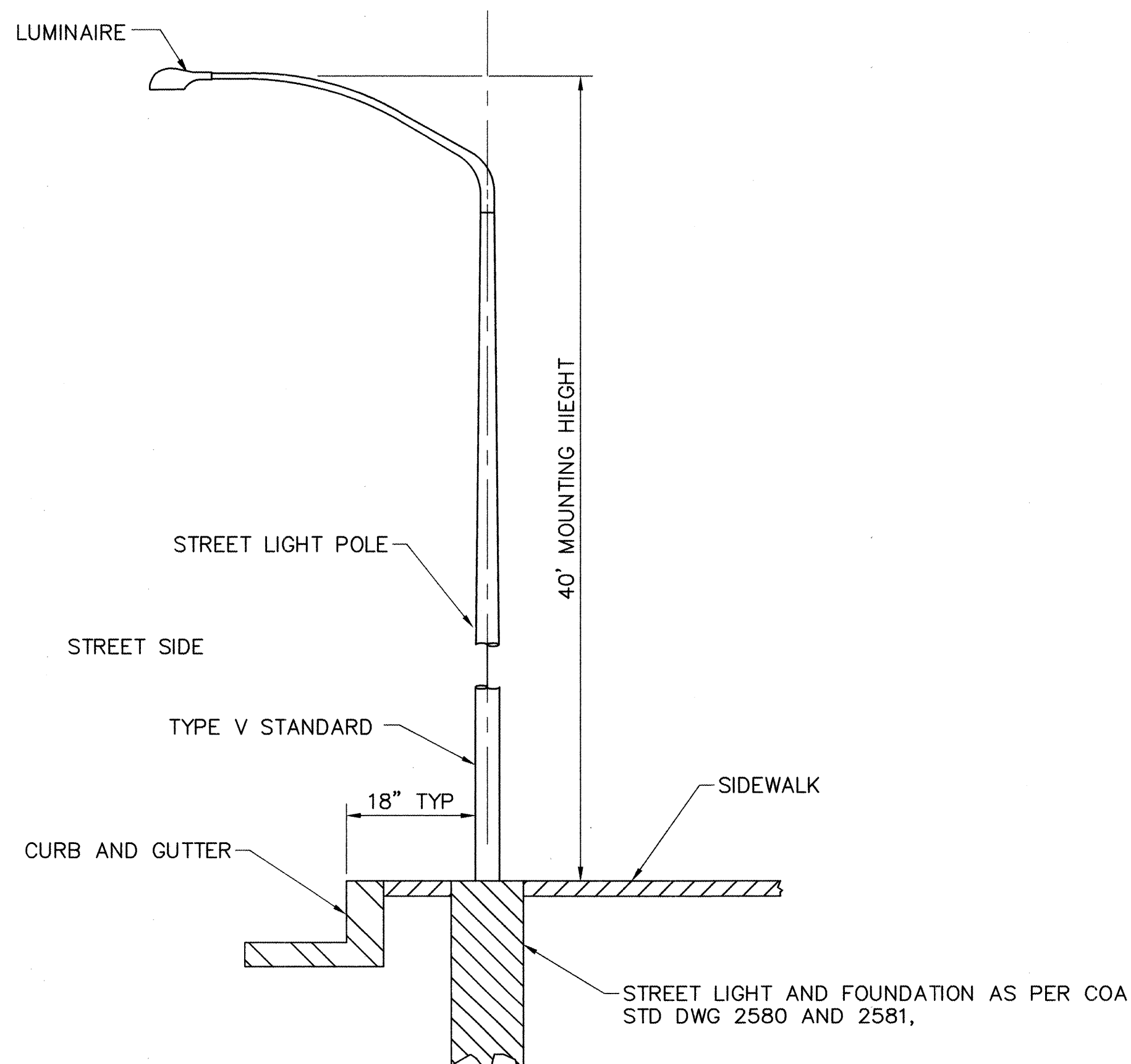
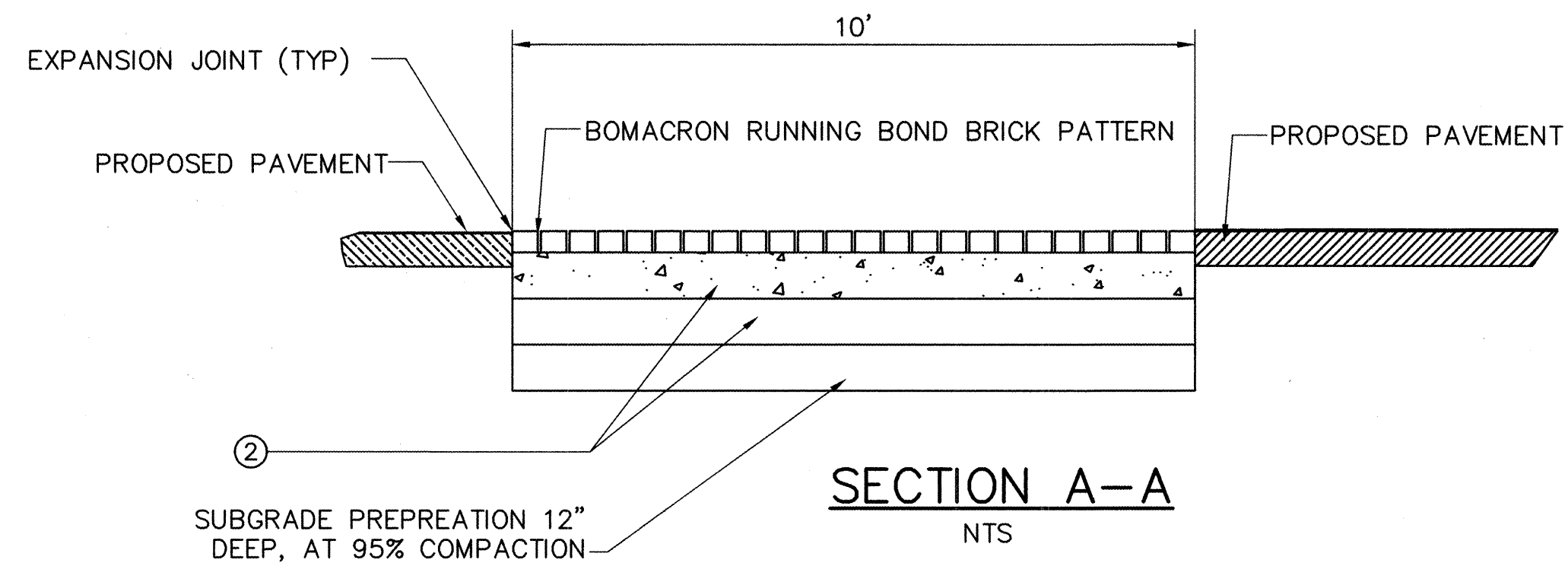
⑧ STA. 12+03.09 , 22.20' RT. TO
STA. 13+12.75, 22.20' RT.
CONSTRUCT 7.2' WIDE 4" THICK CONCRETE
SIDEWALK AND STANDARD CURB & GUTTER PER
COA STD. DWGS 2430 & 2415A.

City Project No.	Zone Map No.	Sheet
691892	K-14	11 OF 2

Date: Nov 15, 2004 - 9:29am - btseld
Drawing Name: K:\PROJECTS\38527\38527.dwg and copper\38527\38527.dwg



BRICK PATTERNED PCCP CROSSWALK
TYPICAL INTERSECTION PLAN
NTS



TYPICAL STREET LIGHT POSITIONING
NTS

CONSTRUCTION NOTES:

- CROSSWALKS SHALL BE A CAST-IN-PLACE COLORED AND TEXTURED CONCRETE MATERIAL. PREFERABLY A BOMACRON OR EQUALLY APPROVED PRODUCT.
- SEE COA STANDARD 2408, FOR PCCP TYPICAL SECTION. USE 8" PCCP AND 6" UNTREATED BASE COURSE.
- PATTERN FOR CROSSWALK SHALL BE A RUNNING BOND BRICK AND THE COLOR FOR BRICK PATTERNED CONCRETE SHALL BE BRICK RED BC-1 OR DESIGNATED BY THE PROJECT MANAGER.

GENERAL NOTES:

- ALL MANHOLES, VALVE BOXES, ETC. WITHIN THE CROSSWALK PATH SHALL BE ADJUSTED IN ACCORDANCE WITH THE OWNER'S REQUIREMENTS.
- SEE MISCELLANEOUS DETAILS, SHEET 14 FOR INTERSECTION LOCATIONS AND OFFSETS.

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**CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT**

TITLE: FIRST & COPPER TRANSPORTATION IMPROVEMENTS
MISCELLANEOUS DETAILS

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVE	APPROVE		
DEC - 2 2004	DEC - 2 2004		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		

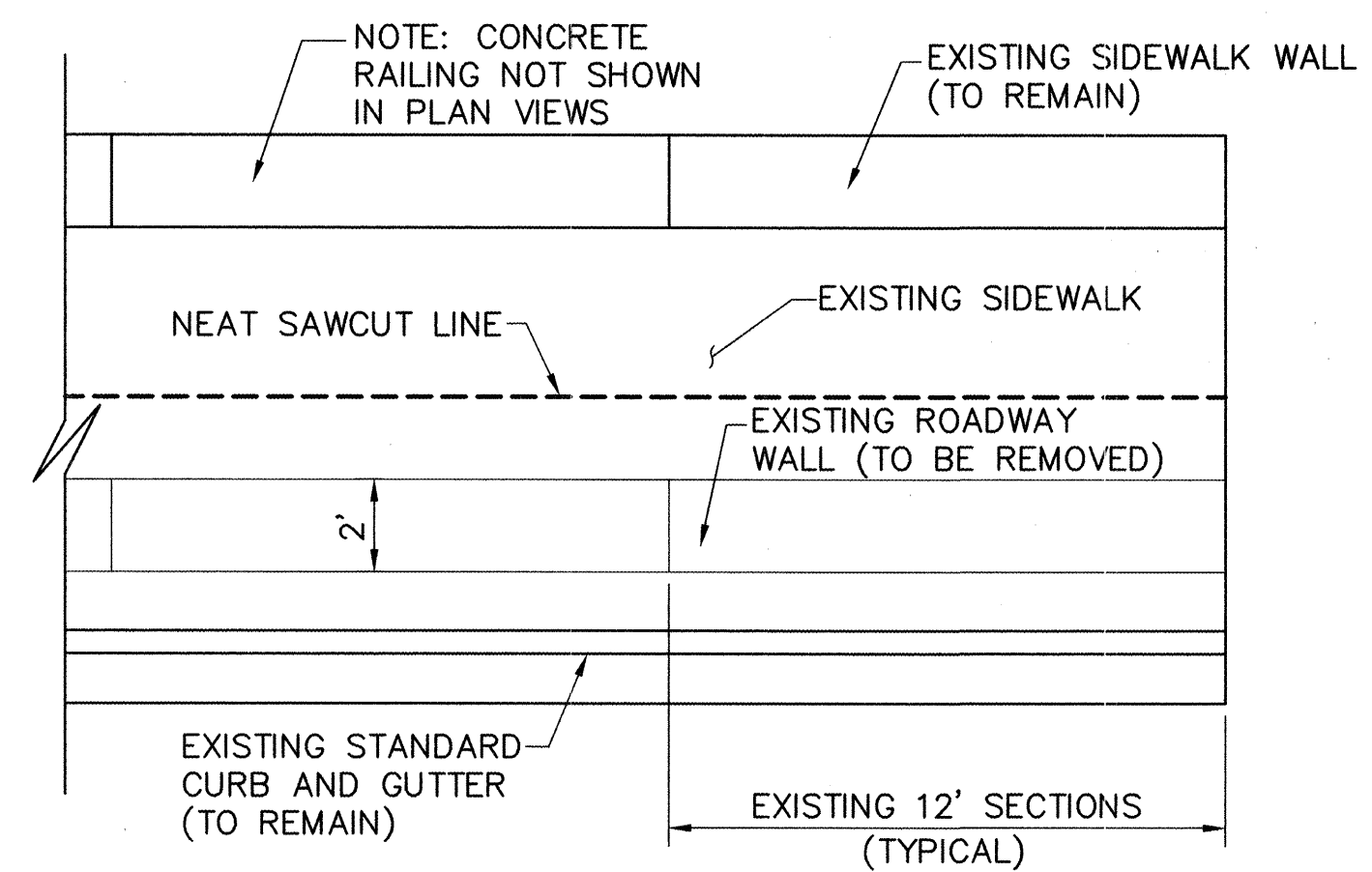
City Project No. 691892 Zone Map No. K-14 Sheet 12 Of 24

ENGINEER'S SEAL
DAVID H. WILSON
REGISTERED PROFESSIONAL ENGINEER
43703
11/10/04

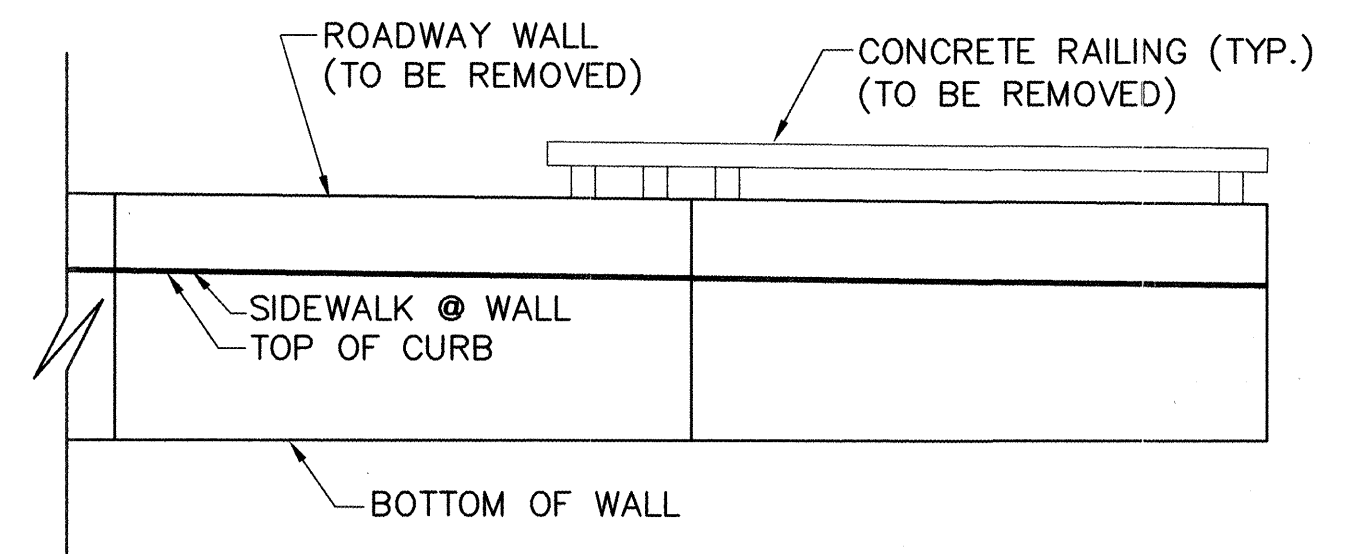
NO.	DATE	REVISIONS	BY
		DESIGNED BY	
		DRAWN BY	
		CHECKED BY	
		MPG	MPG
		BRS	BRS
		DATE	DATE
		01/07/04	01/07/04
		01/07/04	01/07/04

AS BUILT INFORMATION	BENCH MARKS	SURVEY INFORMATION
CONTRACTOR	ACS CONTROL STATION "4-J14"	FIELD NOTES
DATE	STANDARD CITY OF ALBUQUERQUE DISK SET	DATE
DATE	IN A SQUARE BLOCK OF CONCRETE, STAMPED	BY
DATE	"4-J14 ACS" STATION IS LOCATED APPROX.	
DATE	7.2' EAST OF THE BACK OF CURB OF 6TH ST.	
DATE	AND APPROX. 23.5' SOUTH OF BACK OF CURB	
DATE	OF ROMA ST. ELEVATION = 4954.015 FT (NAD27)	
DATE	N = 1487978.73, E = 379597.81 (NGVD29)	

Date: Nov 15, 2004 9:29am
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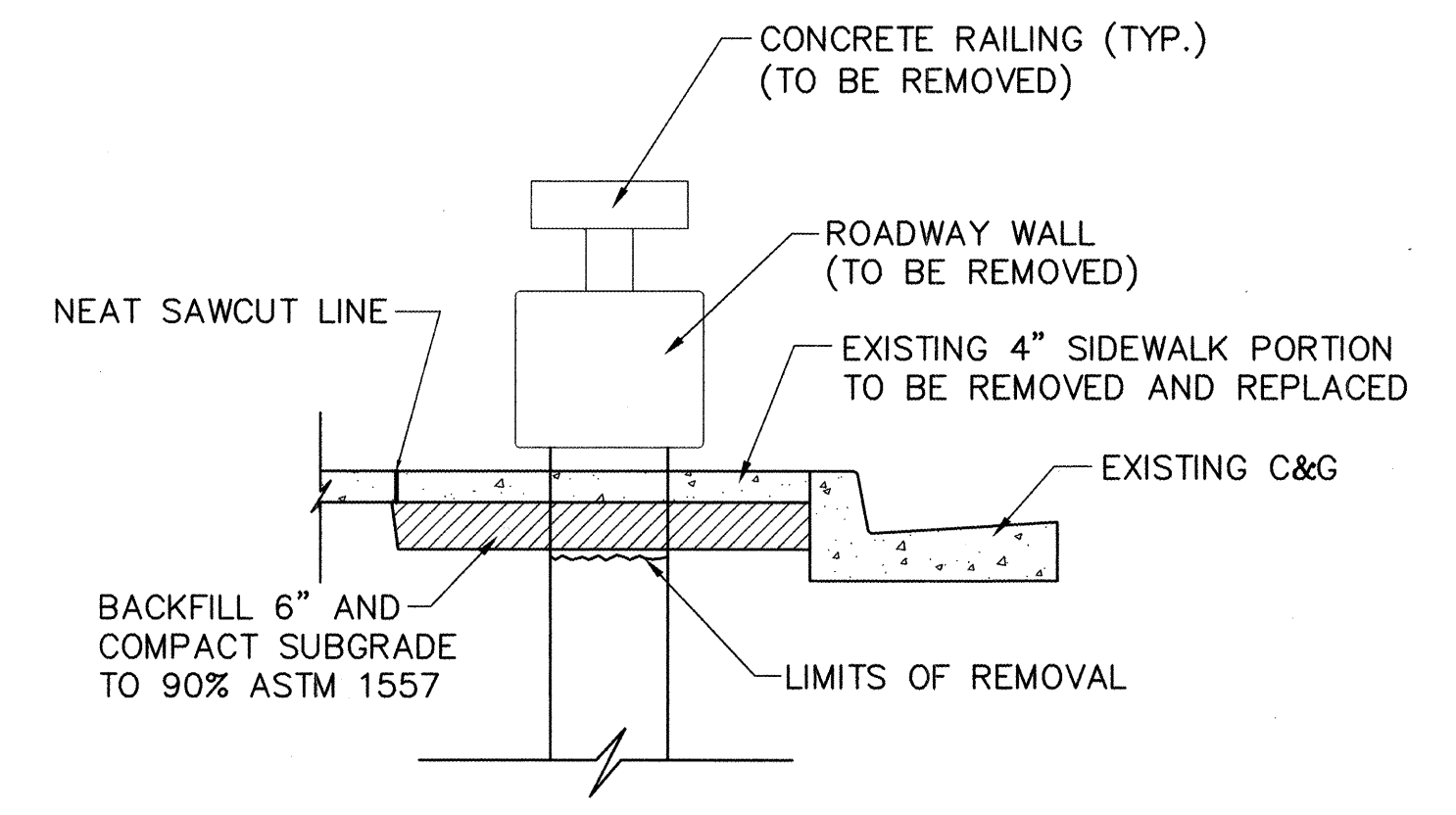


ROADWAY
PLAN
SCALE: 1/4"=1-0"



ELEVATION
SCALE: 1/4"=1-0"

NOTE:
WALL TO BE REMOVED IN 12' INCREMENTS THAT MATCH UP WITH WALL JOINTS.
REMOVE CONCRETE WALL AND RAILING FROM STA. 'F' 13+68.02, 22.92' RT TO STA. 'F' 14+47.75, 12.60' RT.



DETAIL
SCALE: 1/2"=1-0"

ROADWAY WALL REMOVAL PLAN
SEE SHEET 8 FOR LOCATION

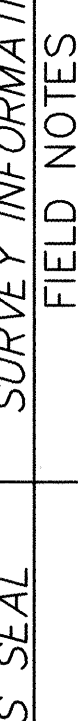
Gannett Fleming West, Inc.
2155 Louisiana NE, Suite 9000 Albuquerque, New Mexico 87110
Office: (505) 243-8448 Facsimile: (505) 251-2513

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

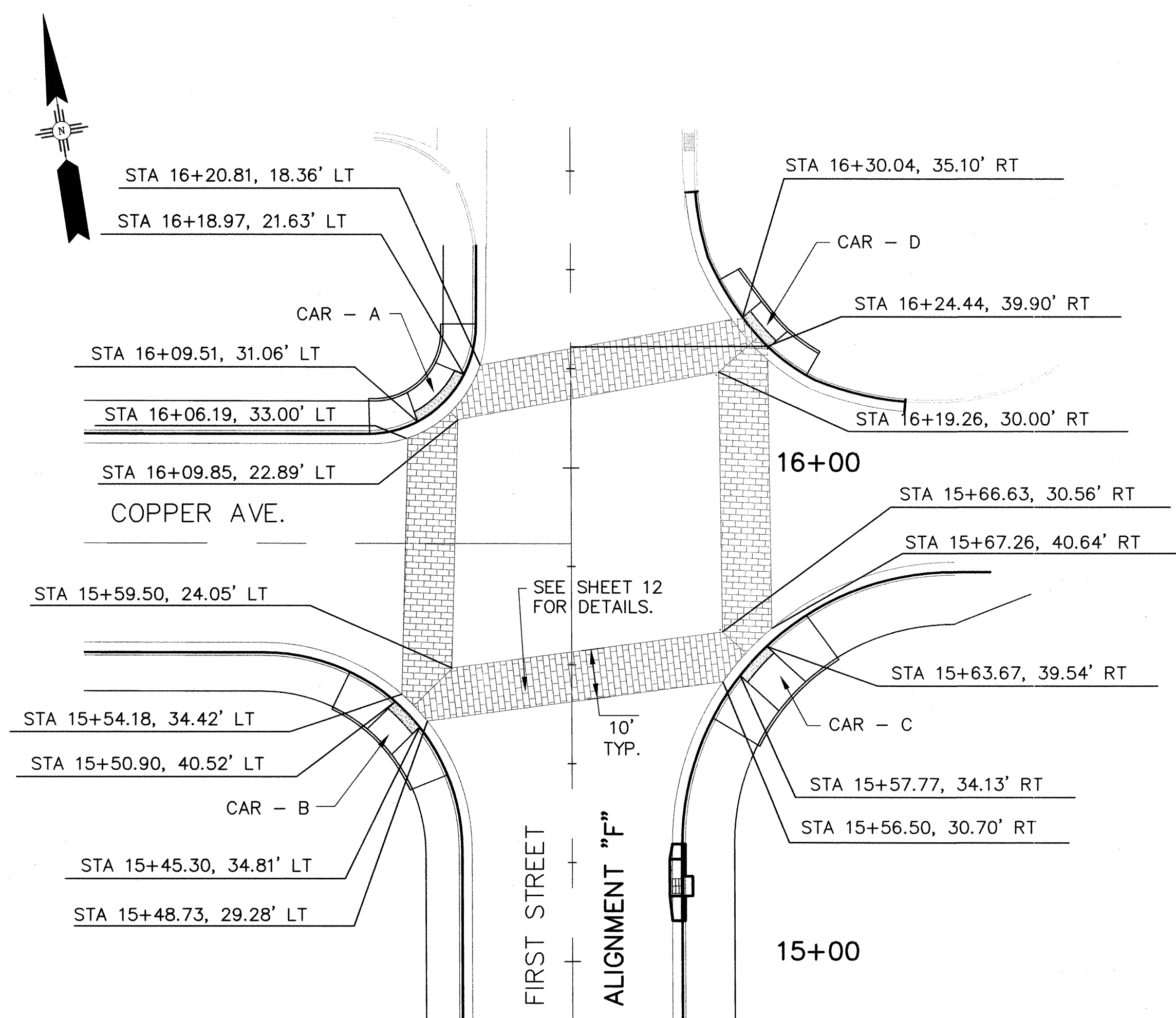
TITLE: FIRST & COPPER TRANSPORTATION IMPROVEMENTS
MISCELLANEOUS DETAILS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED DEC - 2 2004 DESIGN REVIEW COMMITTEE	APPROVED DEC - 2 2004 CITY ENGINEER			

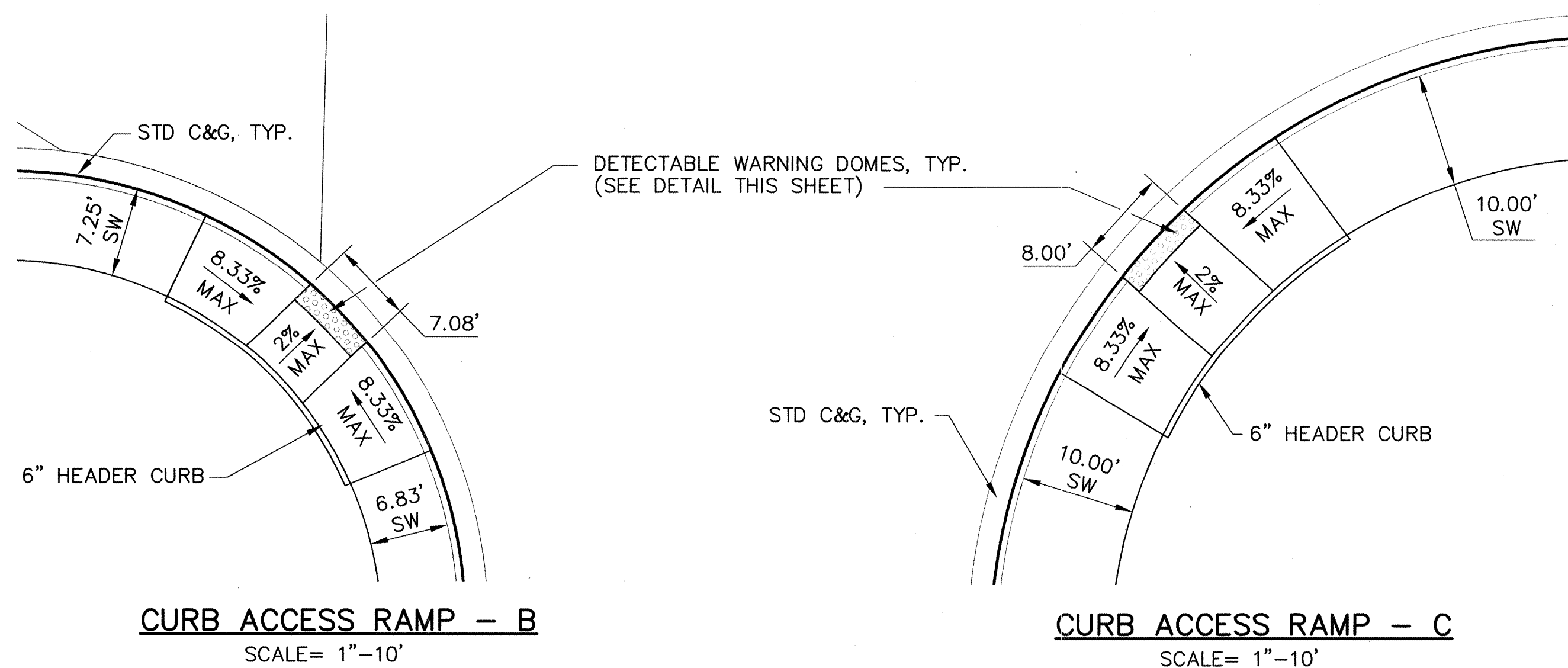
City Project No. 691892 Zone Map No. K-14 Sheet 13 Of 24

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
	FIELD NOTES		ACS CONTROL STATION "4-J14"		CONTRACTOR		
	NO.	BY	DATE	STANDARD CITY OF ALBUQUERQUE DISK SET IN A SQUARE BLOCK OF CONCRETE, STAMPED "4-J 14 ACS". STATION IS LOCATED APPROX. 7.2' EAST OF THE BACK OF CURB OF 6TH ST. AND APPROX. 23.5' SOUTH OF BACK OF CURB OF ROMA ST. ELEVATION = 4954.015 FT (NAD27) N = 1487978.73, E = 379597.81 (NGVD29)	WORK STARTED BY RECORDED BY		
					FIELD ACCEPTANCE BY		
					DRAWN BY		
					CHECKED BY		
REVISIONS		REMARKS		CORRECTED BY		MICRO—FILM INFORMATION	
GANNETT FLEMING WEST, INC.							
DESIGNED BY	MFG	DATE	01/07/04			RECORDED BY	
DRAWN BY	BRS	DATE	01/07/04			NO.	
CHECKED BY	MFG	DATE	01/07/04				

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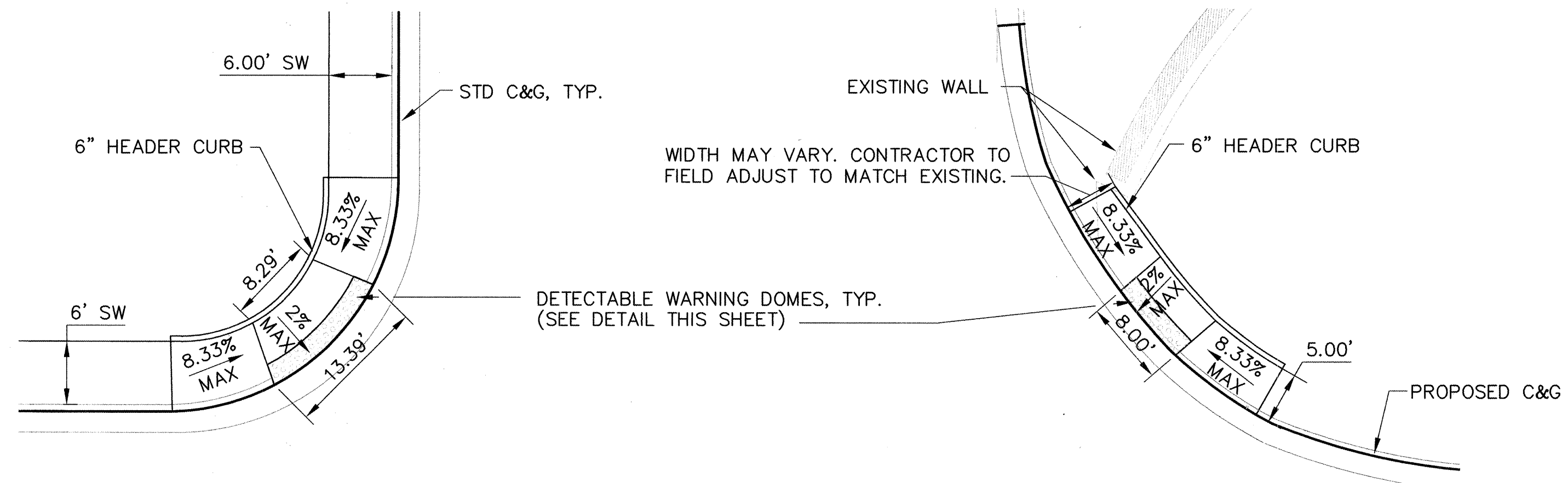


PLAN VIEW
SCALE= 1"=20'
(STATIONING IS BASED ON FIRST STREET - ALIGNMENT "F")



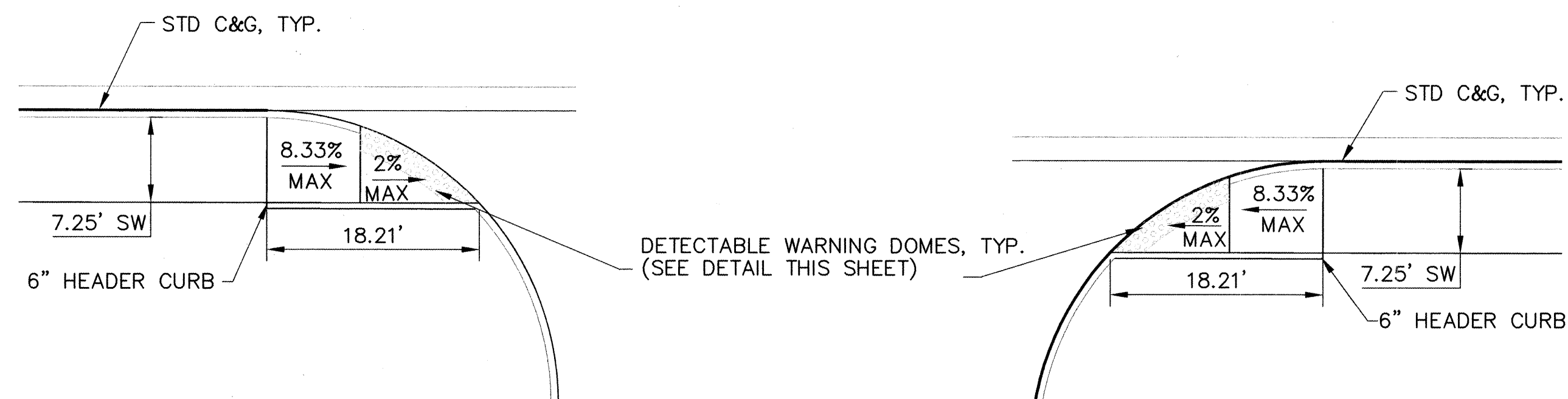
CURB ACCESS RAMP - B
SCALE= 1"=10'

CURB ACCESS RAMP - C
SCALE= 1"=10'



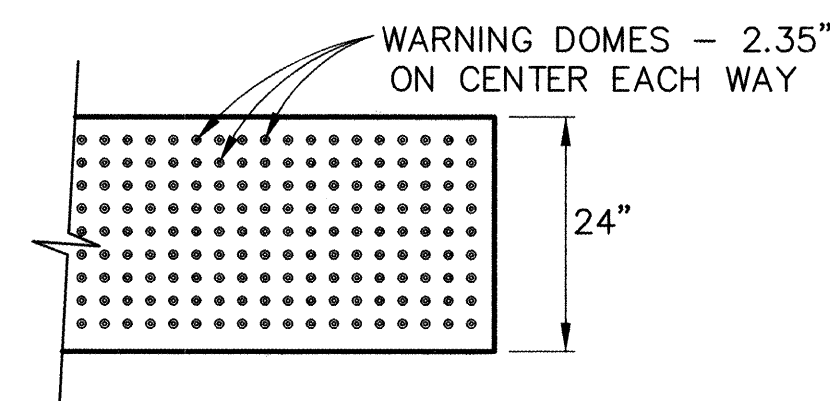
CURB ACCESS RAMP - A
SCALE= 1"=10'

CURB ACCESS RAMP - D
SCALE= 1"=10'

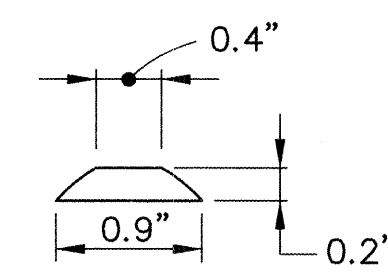


CURB ACCESS RAMP - E
SCALE= 1"=10'

CURB ACCESS RAMP - F
SCALE= 1"=10'



DETECTABLE WARNING DOMES DETAIL
N.T.S.



DOMES SECTION
N.T.S.

NOTE:

1. THE TYPES OF MATERIALS TO BE USED FOR DETECTABLE WARNING DOMES SHALL BE SUBMITTED FOR APPROVAL TO THE CITY PROJECT MANAGER PRIOR TO ANY MATERIALS BEING ORDERED.
2. DETECTABLE WARNING DOMES ARE INCIDENTAL TO CURB ACCESS RAMP CONSTRUCTION.
3. 6" HEADER CURB SHALL BE CONSIDERED INCIDENTAL TO CURB ACCESS RAMP CONSTRUCTION AND NO ADDITIONAL PAYMENT WILL BE MADE.
4. REFERE TO COA STANDARD DRAWING 2440 FOR ADDITIONAL CURB RAMP DETAILS AND GENERAL NOTES.

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DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL		Last Design Update	
APPROVE	DEC - 2 2004	APPROVE	DEC - 2 2004		
DESIGN REVIEW COMMITTEE		CITY ENGINEER			
City Project No. 691892		Zone Map No. K-14		Sheet 14	Of 24

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
			FIELD NOTES		ACS CONTROL STATION "4-J14"		
			NO.	BY	DATE	STANDARD CITY OF ALBUQUERQUE DISK SET	WORK ORDER NO.
						IN A SQUARE BLOCK OF CONCRETE, STAMPED "4-J 14 ACS". STATION IS LOCATED APPROX. 7.2' EAST OF THE BACK OF CURB OF 6TH ST. AND APPROX. 23.5' SOUTH OF BACK OF CURB OF ROMA ST. ELEVATION = 4954.015 FT (NAD27)	DATE
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Date: Nov 18, 2004 - 5:27pm mgraah Layout: Layout1
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LIGHTING NOTES

- 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.
- ALL WIRE ON THIS PROJECT TO BE COPPER ONLY.
- LIGHT STANDARDS SHALL HAVE BREAKAWAY SYSTEM.
- DELETED
- ALL PULL BOXES INSTALLED FOR ROADWAY LIGHTING SHALL BE STANDARD SIZE, PULLBOXES PBS1 THRU PBS4 SHALL BE LARGE SIZE, AS PER COA STD DWG 2550.
- CONTRACTOR SHALL REMOVE EXISTING CONDUITS AND PULL BOXES THROUGH OUT THE PROJECT AS NOTED ON LIGHTING DRAWING OR AS DIRECTED BY PROJECT MANAGER.
- REWIRING OF EXISTING LUMINARIES TO REMAIN AND CONNECTIONS TO NEW CIRCUITS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION. CONTRACTOR SHALL USE CAUTION WHEN INTERCEPTING EXISTING CONDUITS AS EXISTING CIRCUITS MAY BE ENERGIZED.
- EACH CIRCUIT FOR ROADWAY LIGHTING SHALL BE INSTALLED IN SEPARATE CONDUITS UNLESS APPROVED OTHERWISE.
- ALL ROADWAY LUMINARIES 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 MAINTENANCE AGREEMENTS.
- EACH TIME A ROADWAY LUMINAIRES, IS TURNED ON OR OFF THE CONTRACTOR SHALL COORDINATE WITH THE FOLLOWING REPRESENTATIVES:
PNM, MARK BOUCHARD, (505) 241-3402.
CITY OF ALBUQUERQUE PUBLIC WORKS, DAVE HARMON, (505) 857-8691

POWER SHALL NEITHER BE TURNED ON OR OFF UNTIL RESPONSIBLE PARTIES FOR EACH LIGHTING SYSTEM HAVE BEEN NOTIFIED.
- 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 ENERGIZING ALL LIGHTING SYSTEM UNTIL SUCH TIME THAT THE APPROPRIATE OWNER AND MAINTAINING AGENCY ACCEPT THE RESPONSIBILITY FOR THEIR RESPECTIVE SYSTEMS.
- THE STREET LIGHTS TO BE INSTALLED ON THIS PROJECT SHALL BE 40' HIGH, TYPE V WITH 10' ARMS. THE LUMINARIES SHALL BE 240V, 400W, FULL CUT-OFF, HIGH PRESSURE SODIUM WITH TYPE III DISTRIBUTION.
- ALL LIGHTING PHOTO ELECTRIC CELLS SHALL BE ON THE EXISTING CONTROL CABINETS.
- ANY RELOCATED STREET LIGHT THAT HAVE A NON-CUTOFF LUMINAIRE SHALL HAVE THE NON-CUTOFF LUMINAIRE REMOVED & SALVAGED, AND REPLACED WITH A FULL-CUT-OFF TYPE LUMINARIES. THIS SHALL BE PAID FOR UNDER ITEM NUMBER 422.131.

LIGHTING NOTES CONT

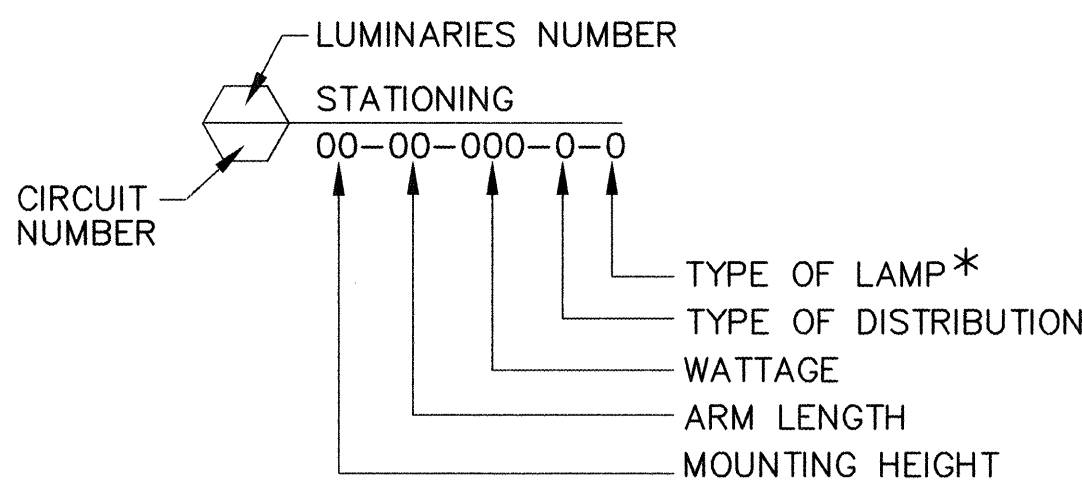
- ANCHOR BOLTS SHALL BE CONSIDERED INCIDENTAL TO COST OF THE POLE.
- LIGHTING STANDARDS SHALL BE LOCATED AS FOLLOWS:
A). ON SECTIONS WITH CURB, GUTTER, AND SIDEWALK, THE FOUNDATION CENTERLINE SHALL BE LOCATED TWO FEET BEHIND FACE OF CURB PROVIDING A MINIMUM OF 36" CLEARANCE ON SIDEWALK.
- LOCAL POWER 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.
- 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.
- ALL NEW CONDUCTOR RUNS SHALL CONSIST OF TWO #2 COPPER CONDUCTORS AND ONE #6 BARE COPPER CONDUCTOR.

LIGHTING INCIDENTAL ITEMS

- ANCHOR BOLTS FOR FOUNDATIONS.
- GROUND RODS FOR FOUNDATIONS.

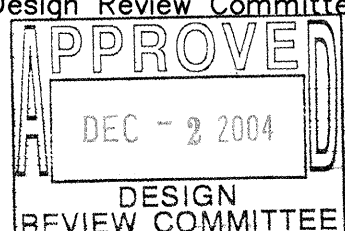
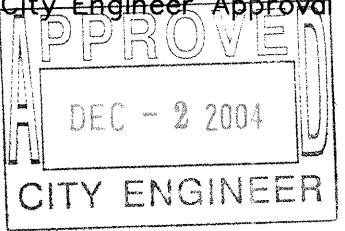
LIGHTING LEGEND

NEW	EXISTING	ITEM
		LIGHTING STANDARD WITH LUMINAIRE AS INDICATED
		CONDUIT RUN
		PULL BOX
		JUNCTION BOX
		SERVICE POLE WITH SERVICE RISER
		LIGHTING CONTROL CABINET



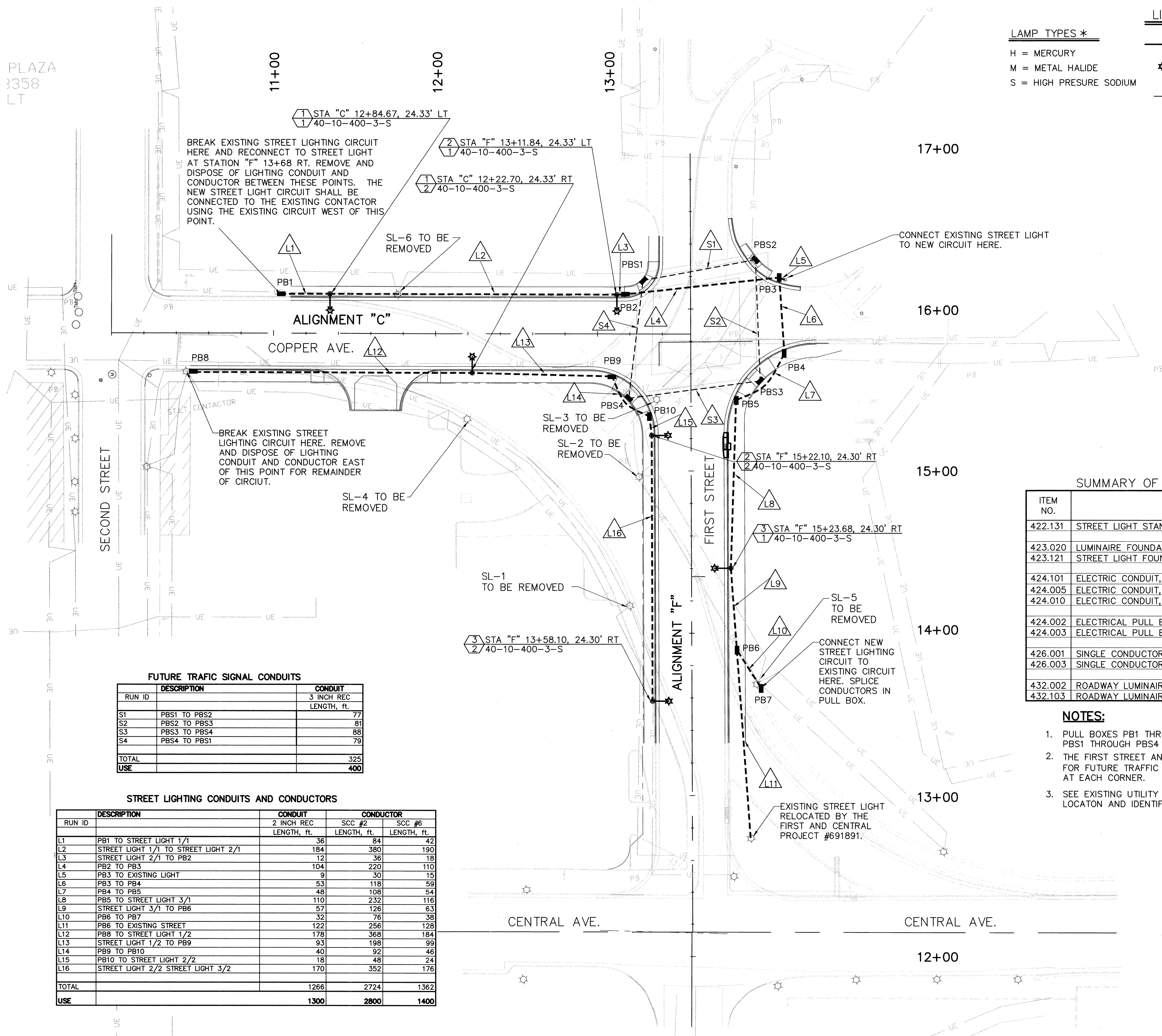
LAMP TYPES *

H = MERCURY
M = METAL HALIDE
S = HIGH PRESSURE SODIUM

 Gannett Fleming West, Inc. 2155 Louisiana NE, Suite 9000 Albuquerque, New Mexico 87110 Office: (505) 243-8488 Facsimile: (505) 243-2313	
 CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT	
TITLE: FIRST & COPPER TRANSPORTATION IMPROVEMENTS ROADWAY LIGHTING NOTES, LEGEND & INCIDENTAL ITEMS	
Design Review Committee  DESIGN REVIEW COMMITTEE	City Engineer Approval  CITY ENGINEER
City Project No. 691892	Zone Map No. K-14
Sheet 15	Of 24

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	FIELD NOTES BY DATE	ACS CONTROL STATION "4-J14"	CONTRACTOR	WORK	DATE
		STANDARD CITY OF ALBUQUERQUE DISK SET	INSPECTED BY	INSPECTOR'S	DATE
		IN A SQUARE BLOCK OF CONCRETE, STAMPED	ACCEPTANCE BY	ACCEPTANCE BY	DATE
		"4-J 14 ACS". STATION IS LOCATED APPROX.	VERIFICATION BY	VERIFICATION BY	DATE
		7.2' EAST OF THE BACK OF CURB OF 6TH ST.	DRAWINGS	DRAWINGS	DATE
		AND APPROX. 23.5' SOUTH OF BACK OF CURB	CONTROLLED BY	CONTROLLED BY	DATE
		OF ROMA ST. ELEVATION = 4954.015 FT (NAD27)	RECORDED BY	RECORDED BY	DATE
		N = 1487978.73, E = 379597.81 (NGVD29)	NO.	NO.	

PLAZA
3358
LT



FUTURE TRAFFIC SIGNAL CONDUITS

RUN ID	DESCRIPTION	CONDUIT
		3 INCH REC
		LENGTH, ft.
S1	PBS1 TO PBS2	77
S2	PBS2 TO PBS3	81
S3	PBS3 TO PBS4	88
S4	PBS4 TO PBS1	79
TOTAL		325
USE		400

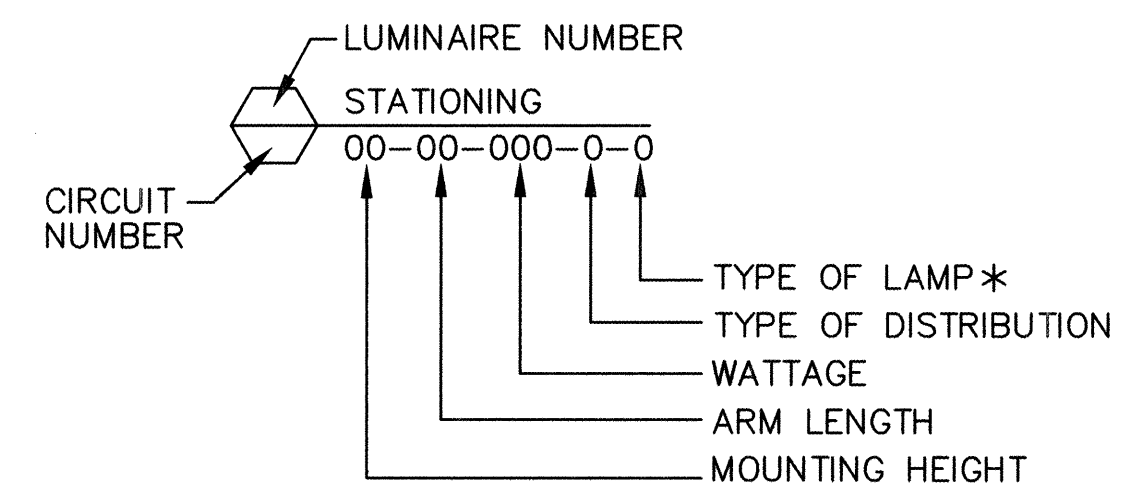
STREET LIGHTING CONDUITS AND CONDUCTORS

RUN ID	DESCRIPTION	CONDUIT	CONDUCTOR	
		2 INCH REC LENGTH, ft.	SCC #2 LENGTH, ft.	SCC #6 LENGTH, ft.
L1	PB1 TO STREET LIGHT 1/1	36	84	42
L2	STREET LIGHT 1/1 TO STREET LIGHT 2/1	184	380	190
L3	STREET LIGHT 2/1 TO PB2	12	36	18
L4	PB2 TO PB3	104	220	110
L5	PB3 TO EXISTING LIGHT	9	30	15
L6	PB3 TO PB4	53	118	59
L7	PB4 TO PB5	48	108	54
L8	PB5 TO STREET LIGHT 3/1	110	232	116
L9	STREET LIGHT 3/1 TO PB6	57	126	63
L10	PB6 TO PB7	32	76	38
L11	PB6 TO EXISTING STREET	122	256	128
L12	PB8 TO STREET LIGHT 1/2	178	368	184
L13	STREET LIGHT 1/2 TO PB9	93	198	99
L14	PB9 TO PB10	40	92	46
L15	PB10 TO STREET LIGHT 2/2	18	48	24
L16	STREET LIGHT 2/2 STREET LIGHT 3/2	170	352	176
TOTAL		1266	2724	1362
USE		1300	2800	1400

LAMP TYPES *
H = MERCURY
M = METAL HALIDE
S = HIGH PRESURE SODIUM

LIGHTING LEGEND

NEW	EXISTING	ITEM
		LIGHTING STANDARD WITH LUMINAIRE AS INDICATED
		CONDUIT RUN
		PULL BOX
		JUNCTION BOX
		SERVICE POLE WITH SERVICE RISER
		LIGHTING CONTROL CABINET



STREET LIGHT REMOVAL TABLE.
ITEMS 422.131 & 423.121

ID #	STATION	OFFSET
SL-1	STA "F" 14+17.21	38.19' LT
SL-2	STA "F" 14+96.58	32.23' LT
SL-3	STA "F" 15+44.40	21.18' LT
SL-4	STA "C" 12+19.63	52.67' RT
SL-5	STA "F" 13+69.37	41.21' RT
SL-6	STA "C" 11+76.38	23.99' LT

SUMMARY OF LIGHTING AND TRAFFIC SIGNAL QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY
422.131	STREET LIGHT STANDARD, REMOVE & RELOCATE	EA	6
423.020	LUMINAIRE FOUNDATION, 40' OR LESS, CIP.	EA	6
423.121	STREET LIGHT FOUNDATION, REMOVE & DISPOSE, COMPL.	EA	6
424.101	ELECTRIC CONDUIT, ANY SIZE, REMOVE & DISPOSE, CIP.	LF	1100
424.005	ELECTRIC CONDUIT, 2" INCL., TRENCHING, BACKFILL & PATCHING, CIP.	LF	1300
424.010	ELECTRIC CONDUIT, 3" INCL., TRENCHING, BACKFILL & PATCHING, CIP.	LF	325
424.002	ELECTRICAL PULL BOX, (STANDARD), CIP.	EA	10
424.003	ELECTRICAL PULL BOX, (LARGE), CIP.	EA	4
426.001	SINGLE CONDUCTOR, #2, CIP.	LF	2800
426.003	SINGLE CONDUCTOR, #6, CIP.	LF	1400
432.002	ROADWAY LUMINAIRE, TYPE 400 S, CIP.	EA	5
432.103	ROADWAY LUMINAIRE, ANY TYPE, REMOVE & DISPOSE	EA	5

NOTES:

- PULL BOXES PB1 THROUGH PB10 SHALL BE STANDARD SIZE. PULL BOXES PB1 THROUGH PBS4 SHALL BE LARGE SIZE.
- THE FIRST STREET AND COPPER AVENUE INTERSECTION SHALL BE "BOXED" FOR FUTURE TRAFFIC SIGNALS USING 3" CONDUIT WITH LARGE PULL BOXES AT EACH CORNER.
- SEE EXISTING UTILITY PLAN SHEET 23 FOR EXISTING UNDERGROUND UTILITY LOCATON AND IDENTIFICATION.

30 15 0 30
SCALE 1"=30'

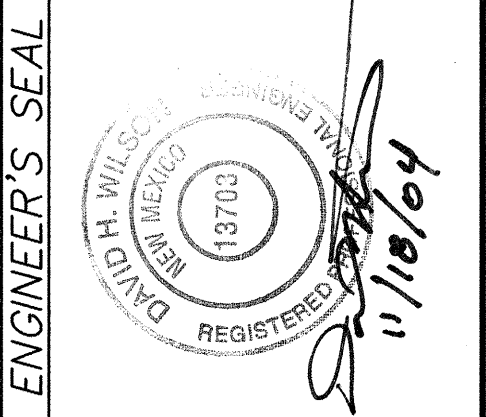
Gannett Fleming West, Inc.
2105 Louisiana NE, Suite 9000 Albuquerque, New Mexico 87110
Office (505) 243-1444 Facsimile (505) 243-1443



CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

TITLE: FIRST & COPPER TRANSPORTATION IMPROVEMENTS
LIGHTING PLAN

Design Review Committee APPROVE DEC - 2 2004 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVE DEC - 2 2004 CITY ENGINEER	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 691892	Zone Map No. K-14	Sheet 16	Of 24



CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.

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. CONTRACTOR MUST WORK 7:00 AM TO 7:00 PM MONDAY THROUGH SATURDAY WHILE LANES ARE IMPACTED.

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 COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING 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.

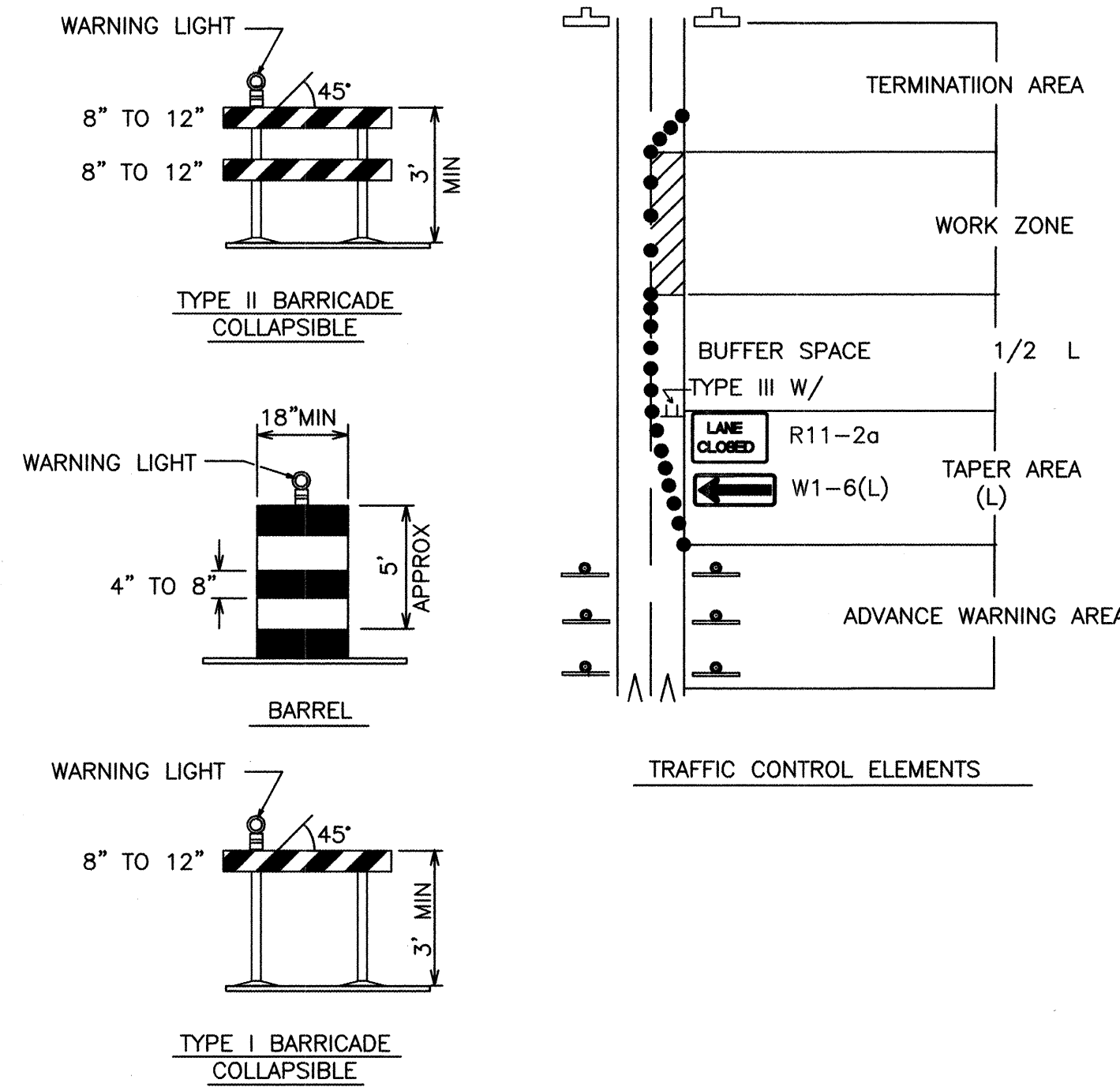
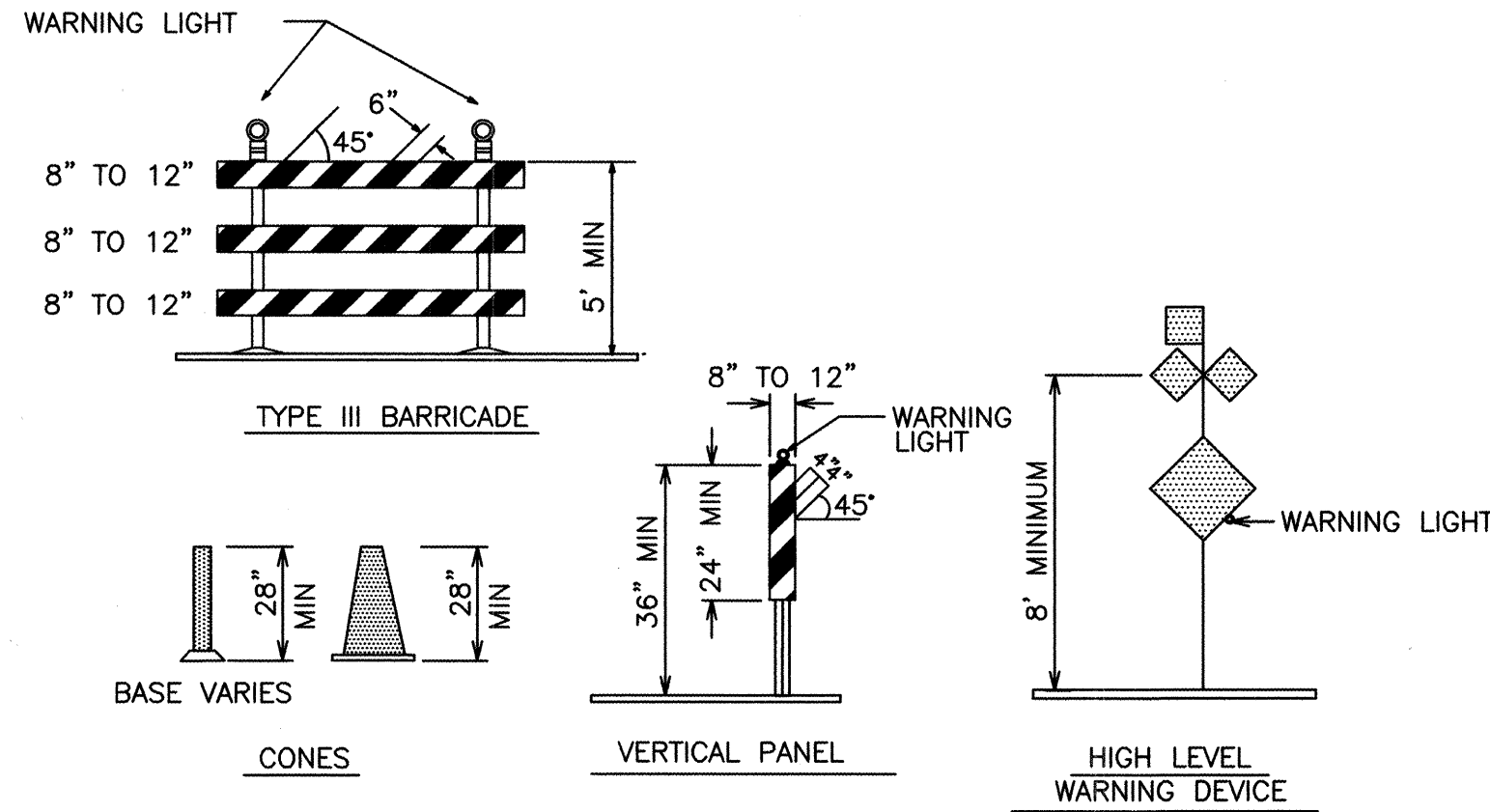
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

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

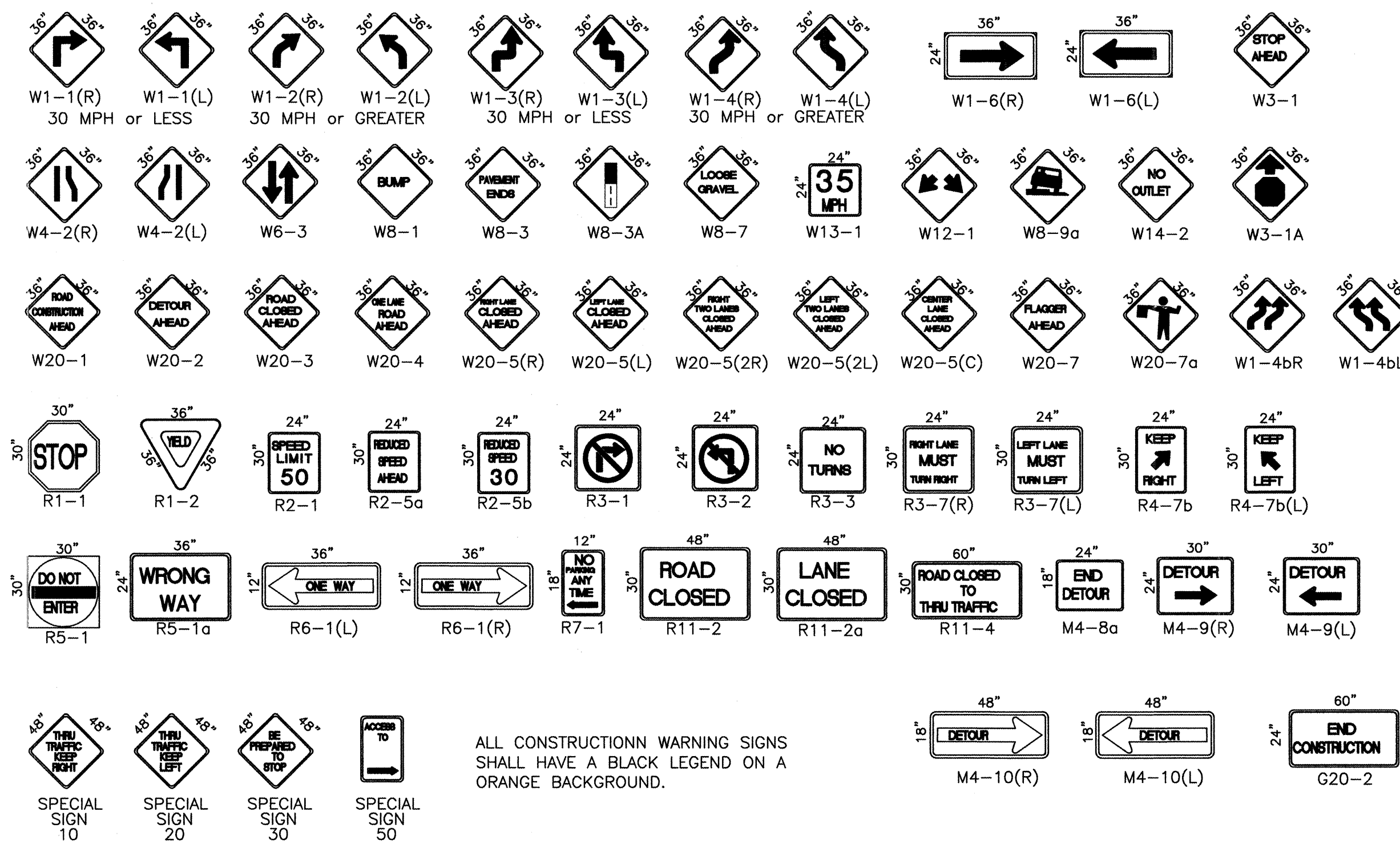
25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

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.

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



SIGN FACE DETAILS



ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

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
- 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 LIMIT (MPH)	TAPER LENGTH(L) (FEET)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE		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 LIMIT (MPH)	MINIMUM DISTANCE IN FEET BETWEEN SIGNS		FROM LAST SIGN TO TAPER
	10' LANE	11' LANE	
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT	10 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	L = WS ² / 60
40 MPH OR LESS	
40 MPH OR GREATER	L = W x S
L = TAPER LENGTH	
W = WIDTH OF OFFSET IN FEET	
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH	

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2155 Louisiana NE, Suite 8000 Albuquerque, New Mexico 87110
Office (505) 245-1848 Facsimile (505) 881-2313



CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

TITLE: FIRST & COPPER TRANSPORTATION IMPROVEMENTS
SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

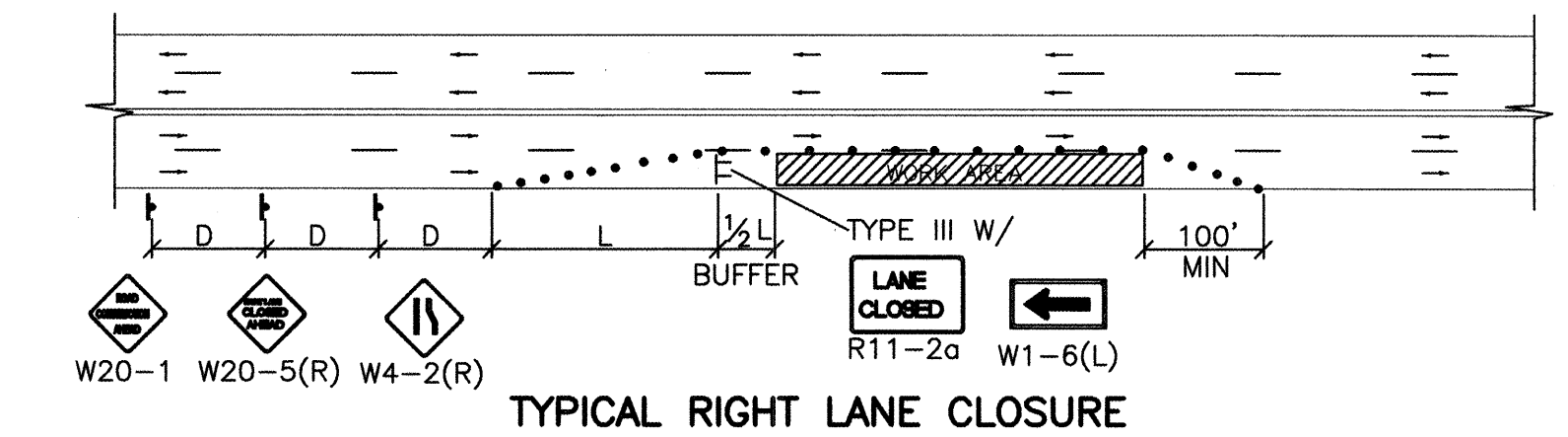
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
CITY OF ALBUQUERQUE STANDARD DRAWING	APPROVE DEC - 2 2004 CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of

691892

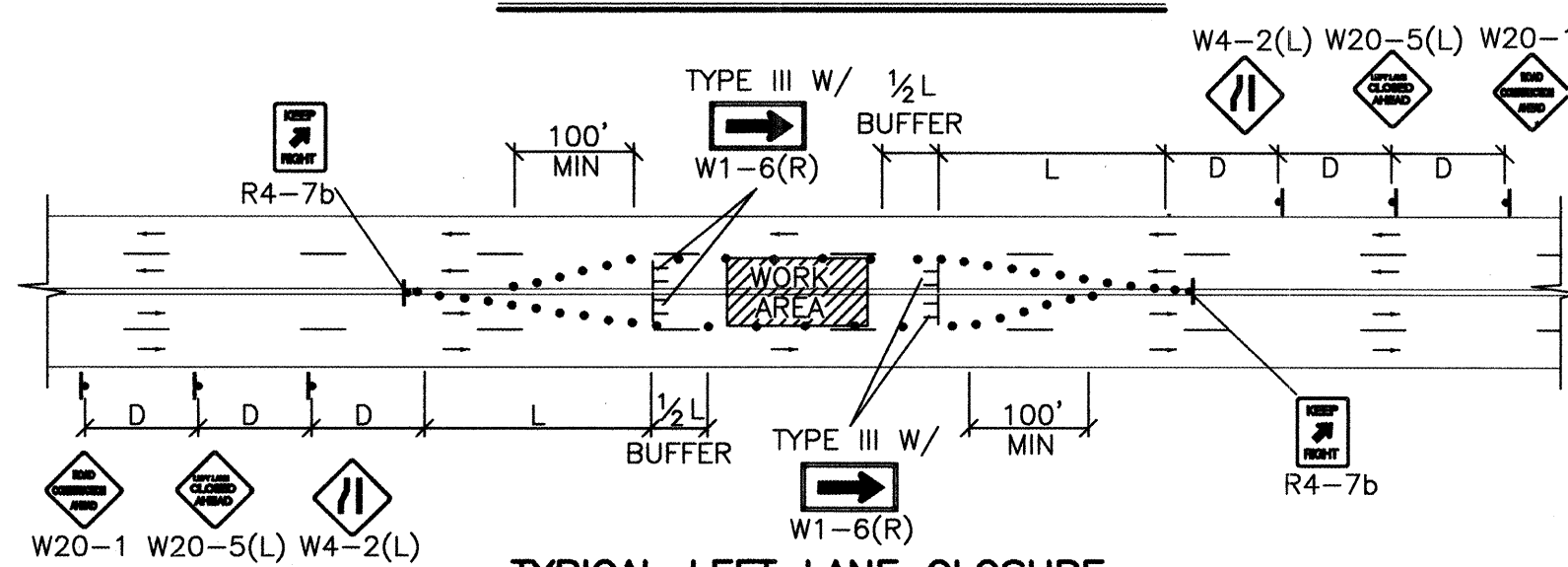
K-14

17

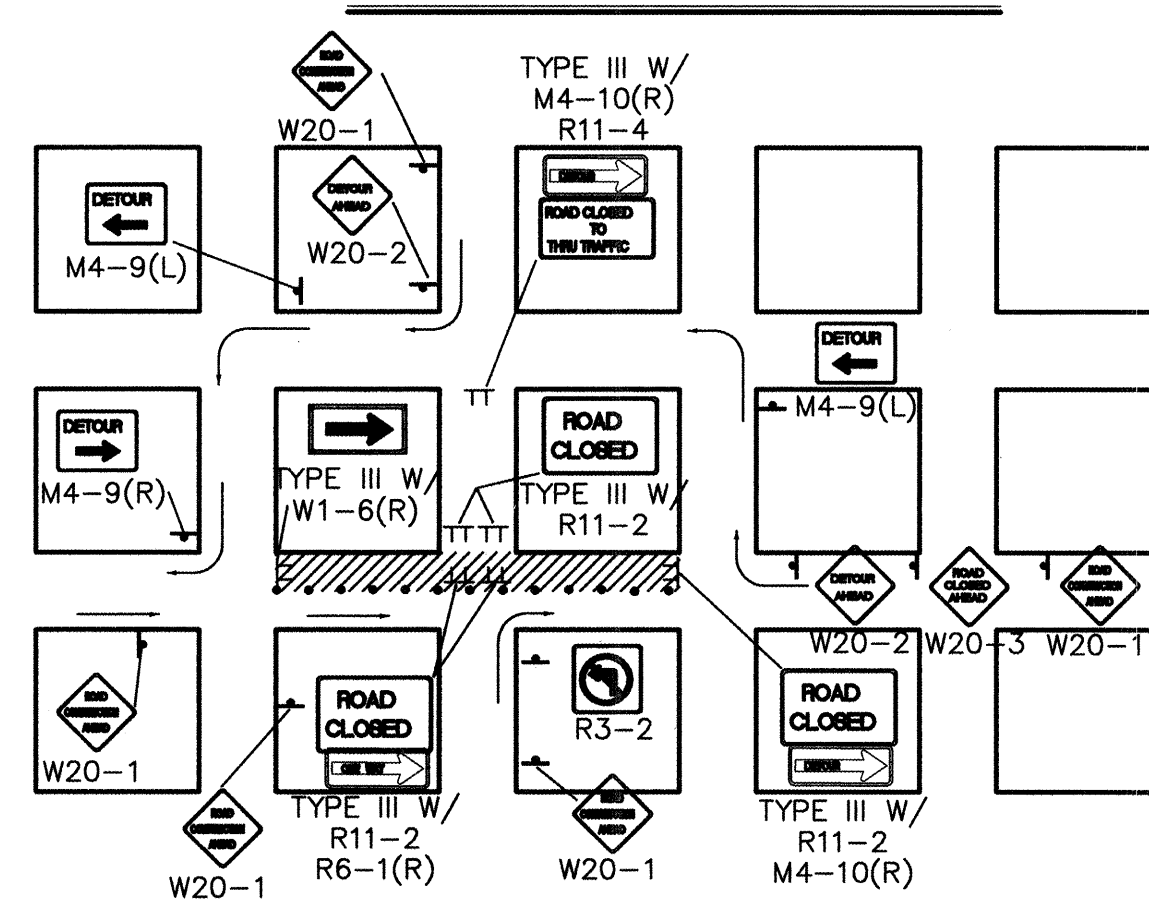
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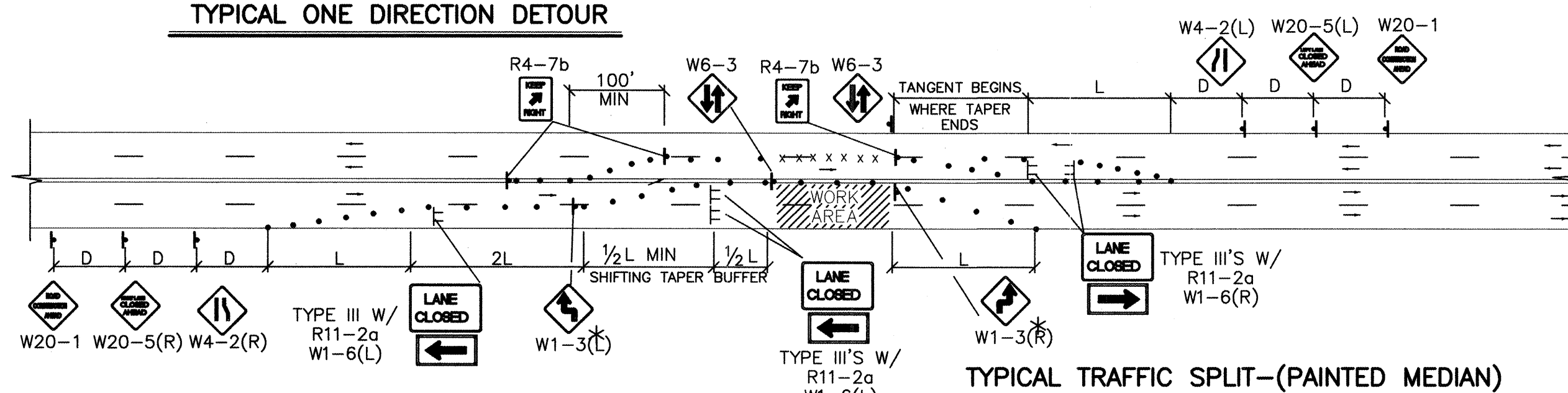
TYPICAL RIGHT LANE CLOSURE



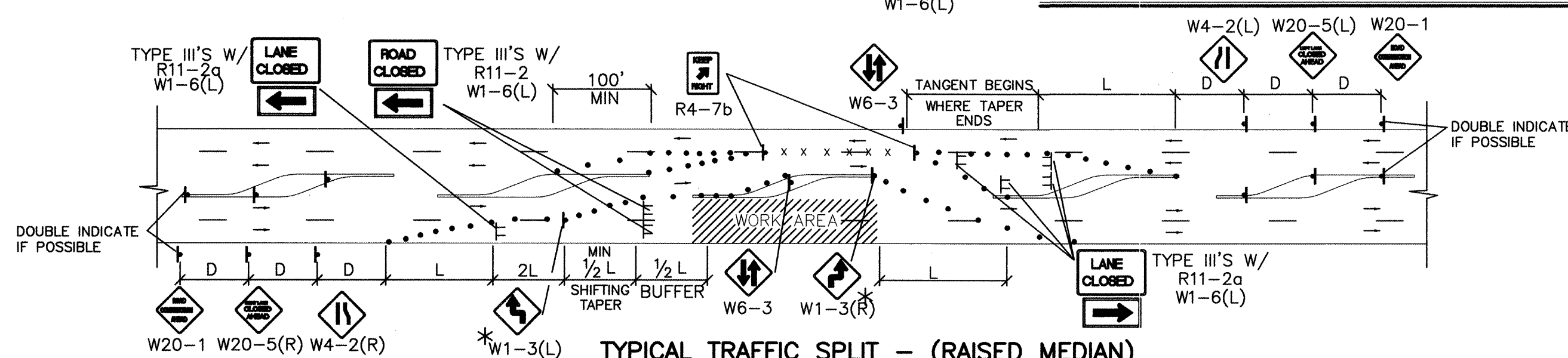
TYPICAL LEFT LANE CLOSURE



TYPICAL ONE DIRECTION DETOUR



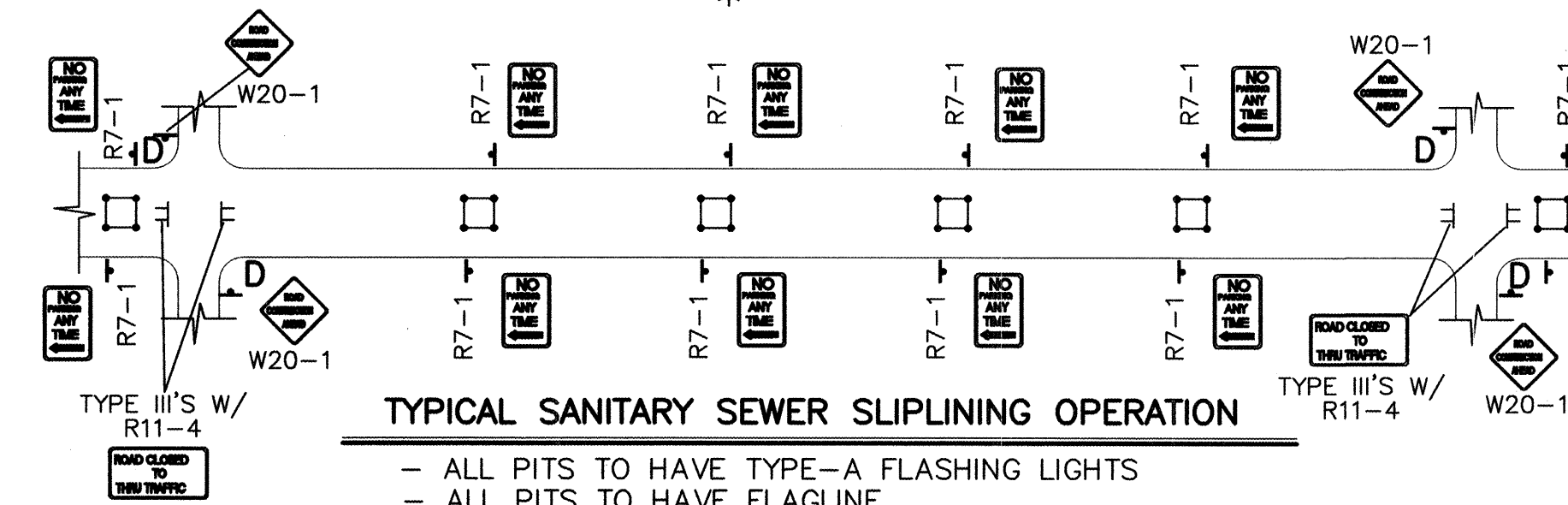
TYPICAL TRAFFIC SPLIT - (PAINTED MEDIAN)



TYPICAL TRAFFIC SPLIT - (RAISED MEDIAN)

TRAFFIC SPLIT NOTES:

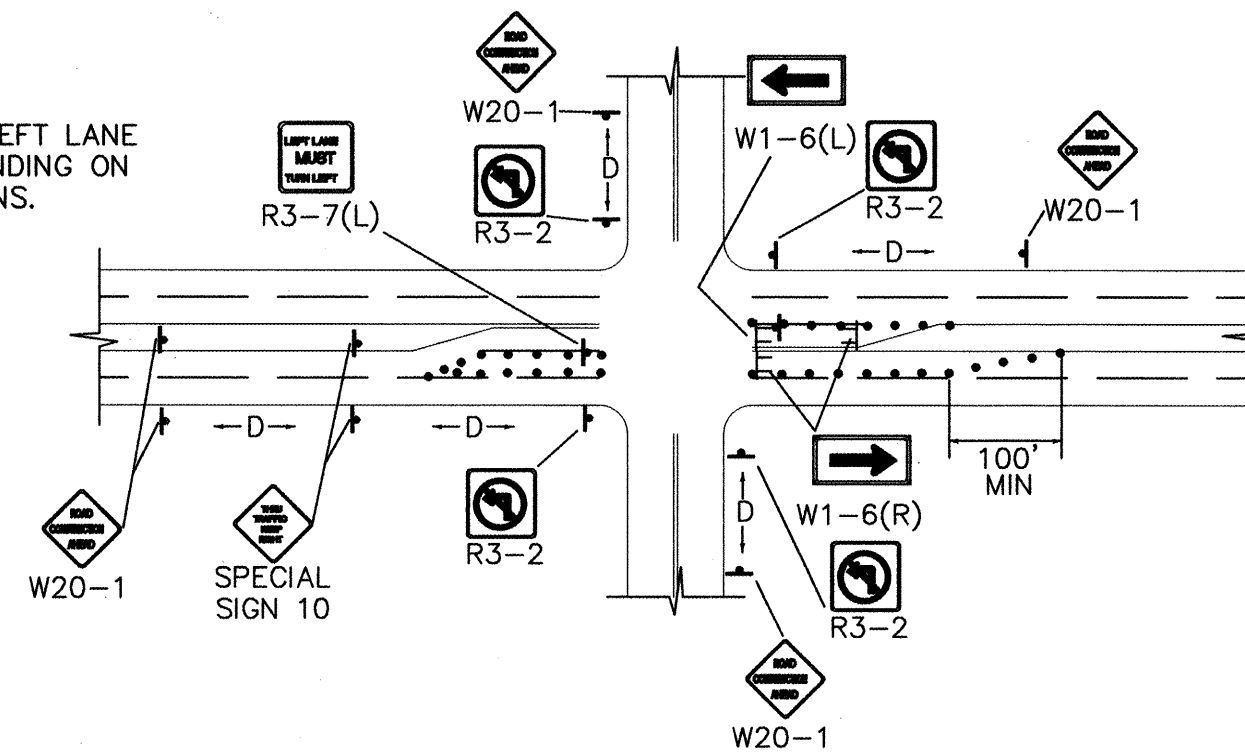
1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
2. 1/2 L IS THE MINIMUM DISTANCE FOR SHIFTING TAPERS.
3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
4. MEDIAN REMOVAL SHALL BE REQUIRED IF 1/2 L OR REVERSE CURVE IS NOT SUFFICIENT. MEDIAN REMOVAL SHALL TAKE PLACE BEFORE SPLITS.
5. REDUCED SPEED MAY BE CONSIDERED.
6. * USE W1-3 FOR 30 MPH OR LESS, W1-4 FOR SPEED 35 MPH OR GREATER.



TYPICAL SANITARY SEWER SLIPLINING OPERATION

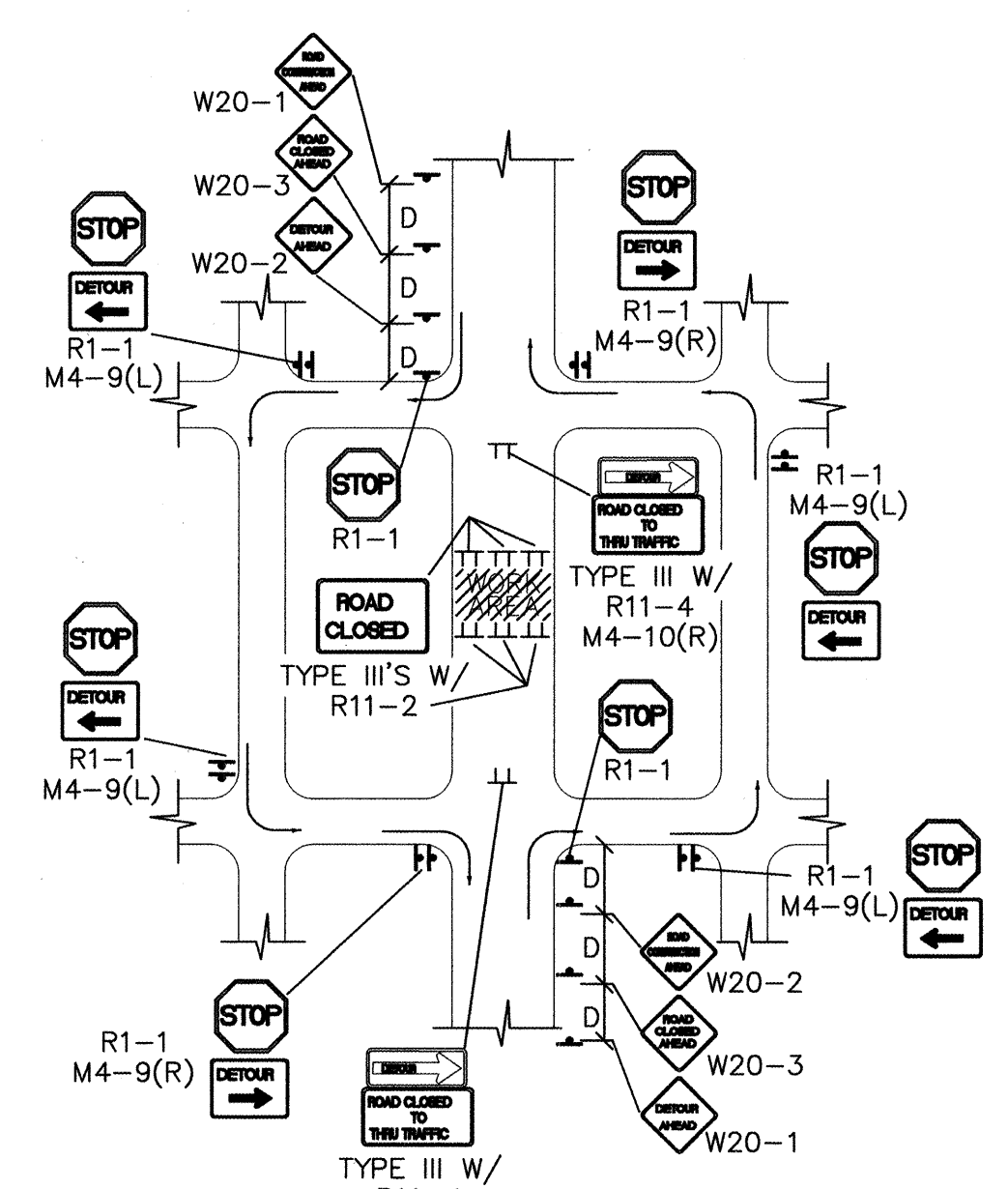
- ALL PITS TO HAVE TYPE-A FLASHING LIGHTS
- ALL PITS TO HAVE FLAGLINE

NOTE:
MAY REQUIRE LEFT LANE
CLOSURE DEPENDING ON
FIELD CONDITIONS.



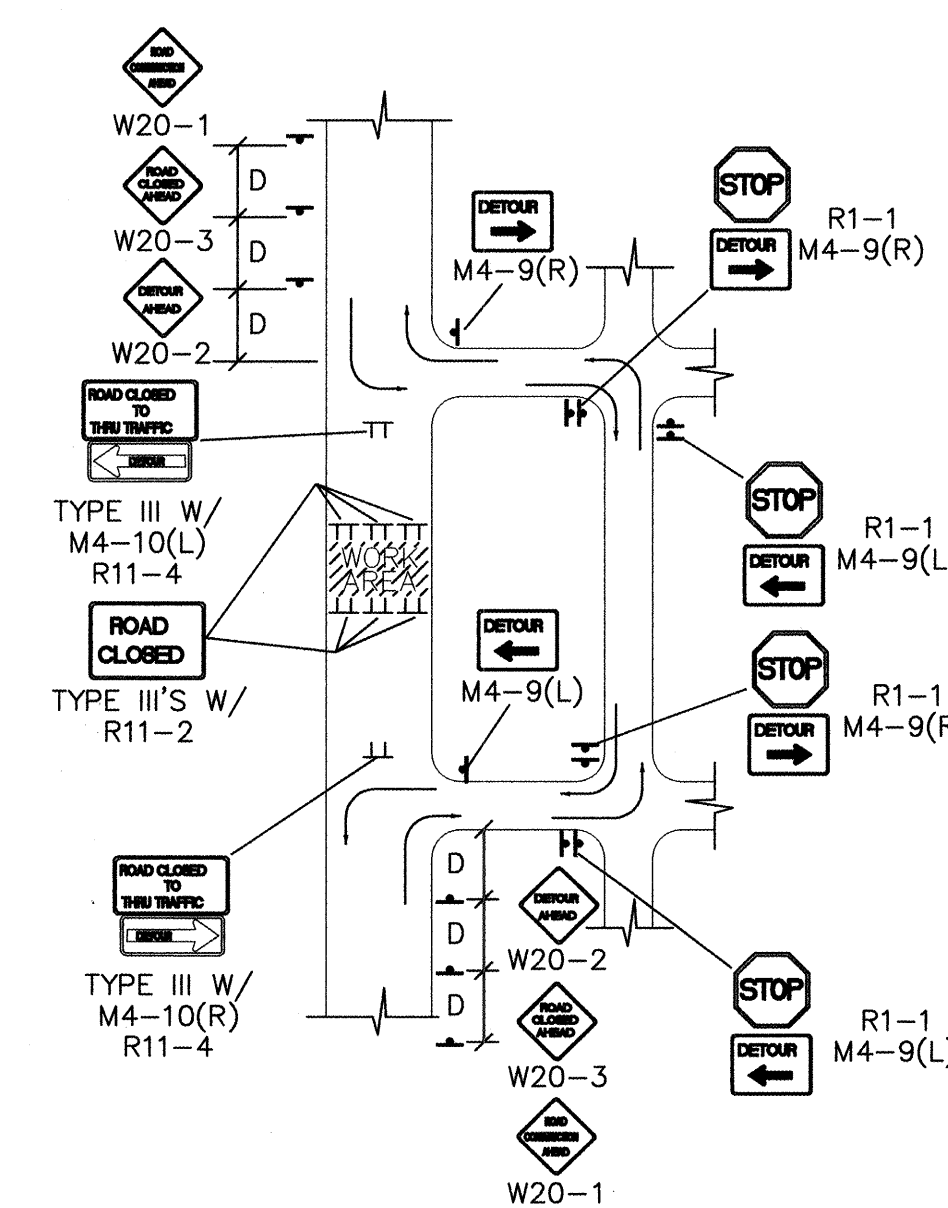
TYPICAL LANE CLOSURE AT INTERSECTION

NOTE: DEPENDING ON WORK ZONE LOCATION.



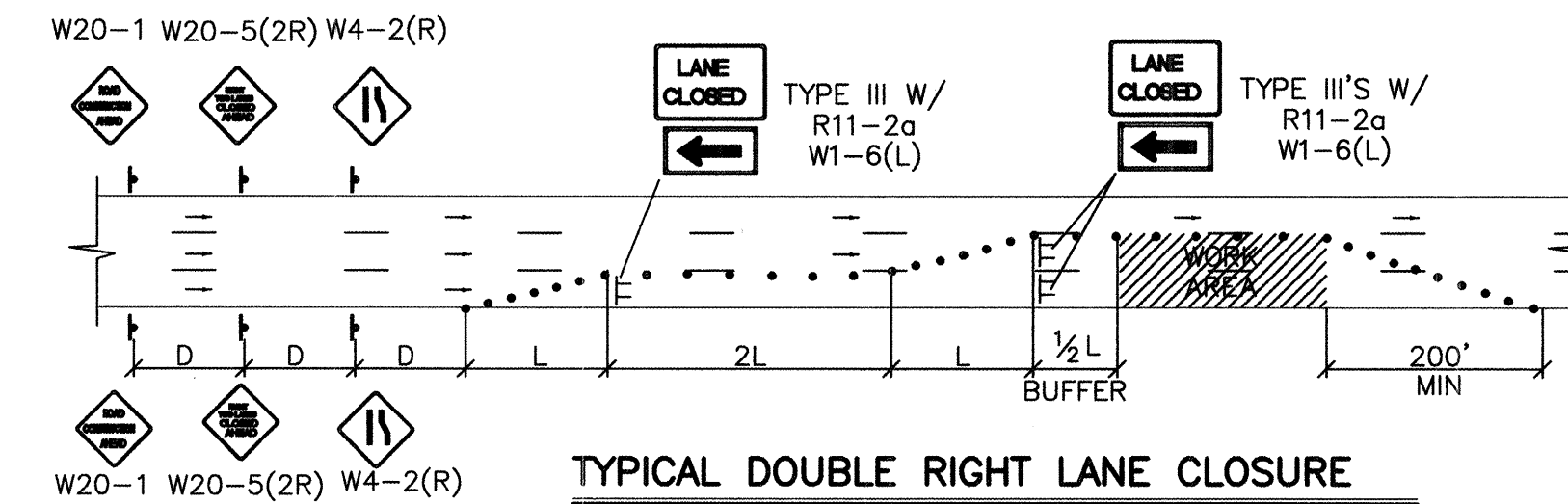
TYPICAL MID-BLOCK CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.

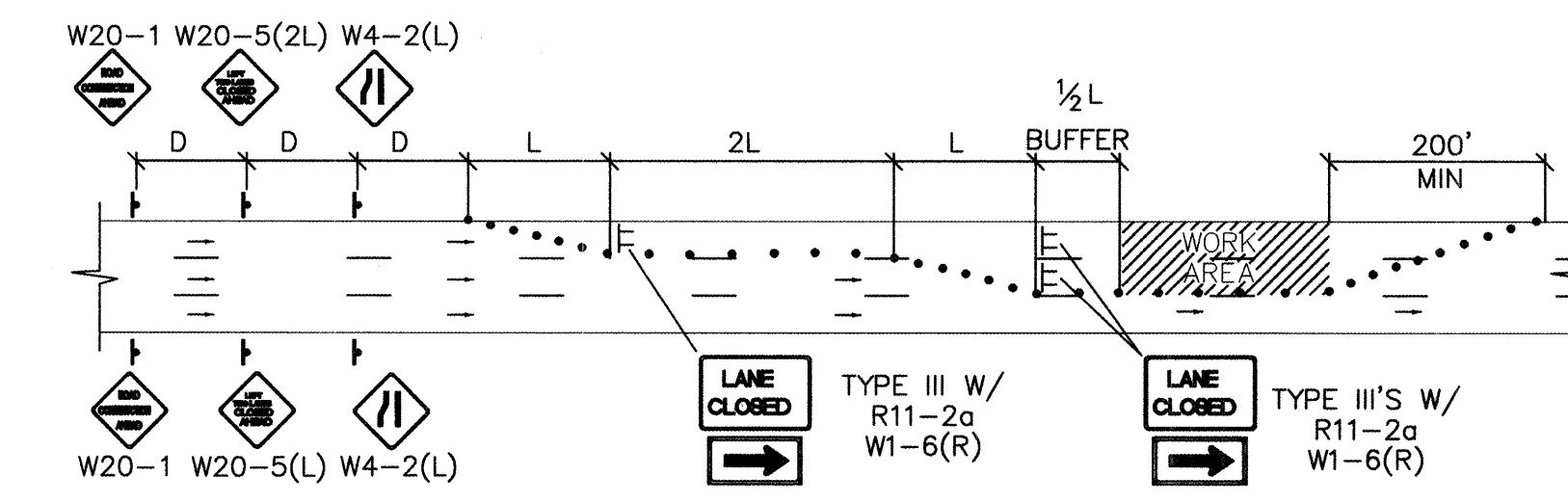


TYPICAL STREET CLOSURE

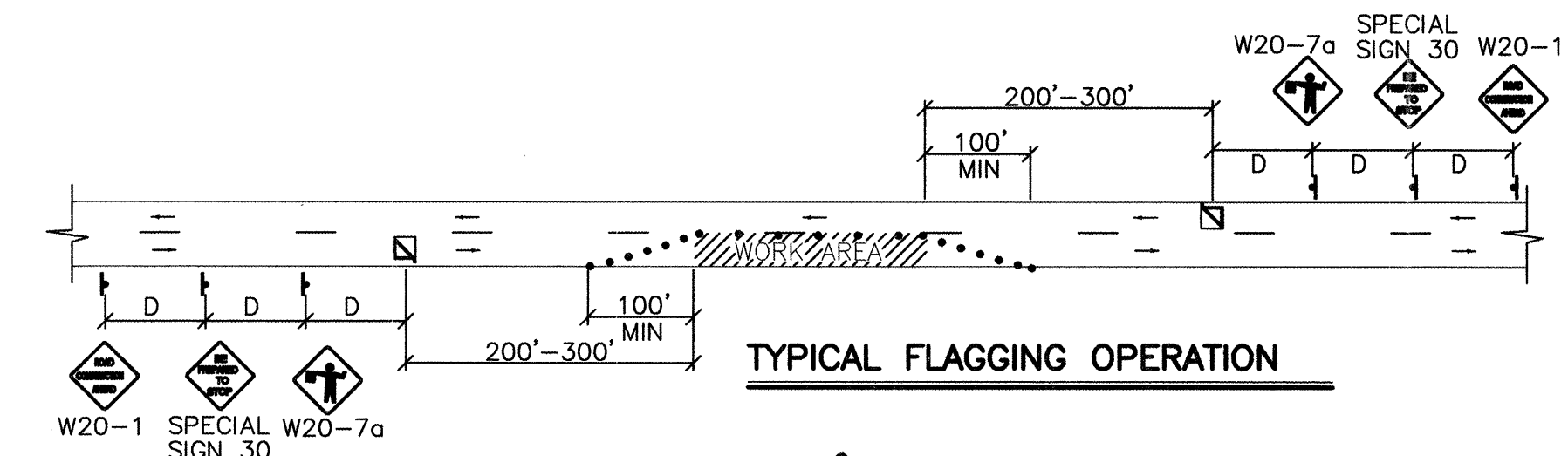
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



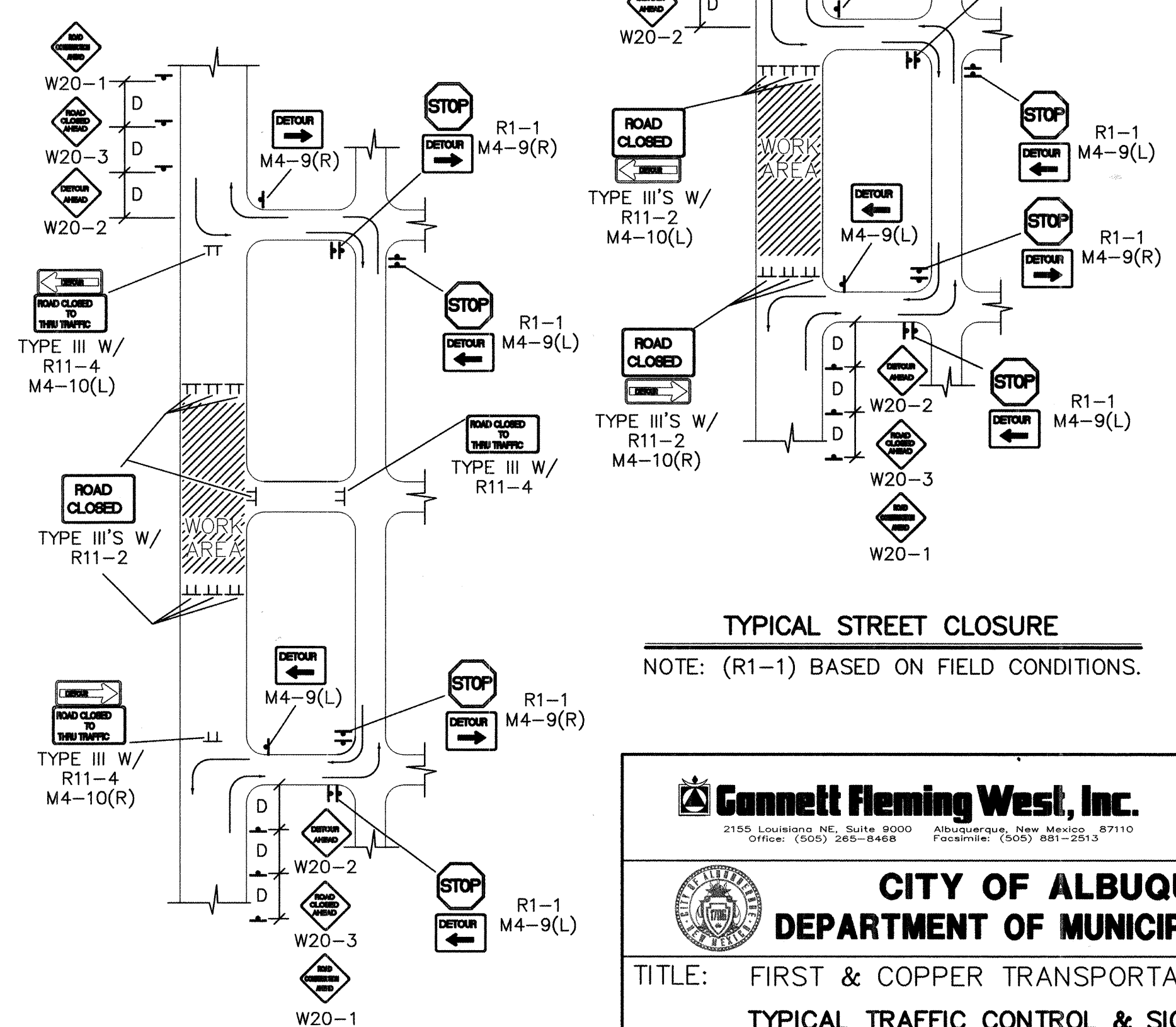
TYPICAL DOUBLE RIGHT LANE CLOSURE



TYPICAL DOUBLE LEFT LANE CLOSURE



TYPICAL FLAGGING OPERATION



TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.

Gannett Fleming West, Inc.
2155 Louisiana NE, Suite 8000 Albuquerque, New Mexico 87110
Office: (505) 263-8458 Fax: (505) 263-2813

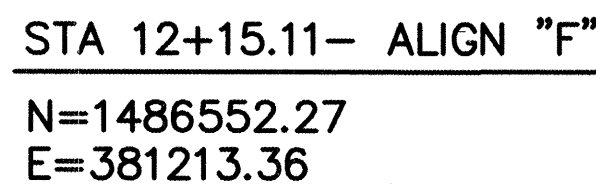
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

TITLE: FIRST & COPPER TRANSPORTATION IMPROVEMENTS
TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED	APPROVED		
REVIEW COMMITTEE	CITY ENGINEER		

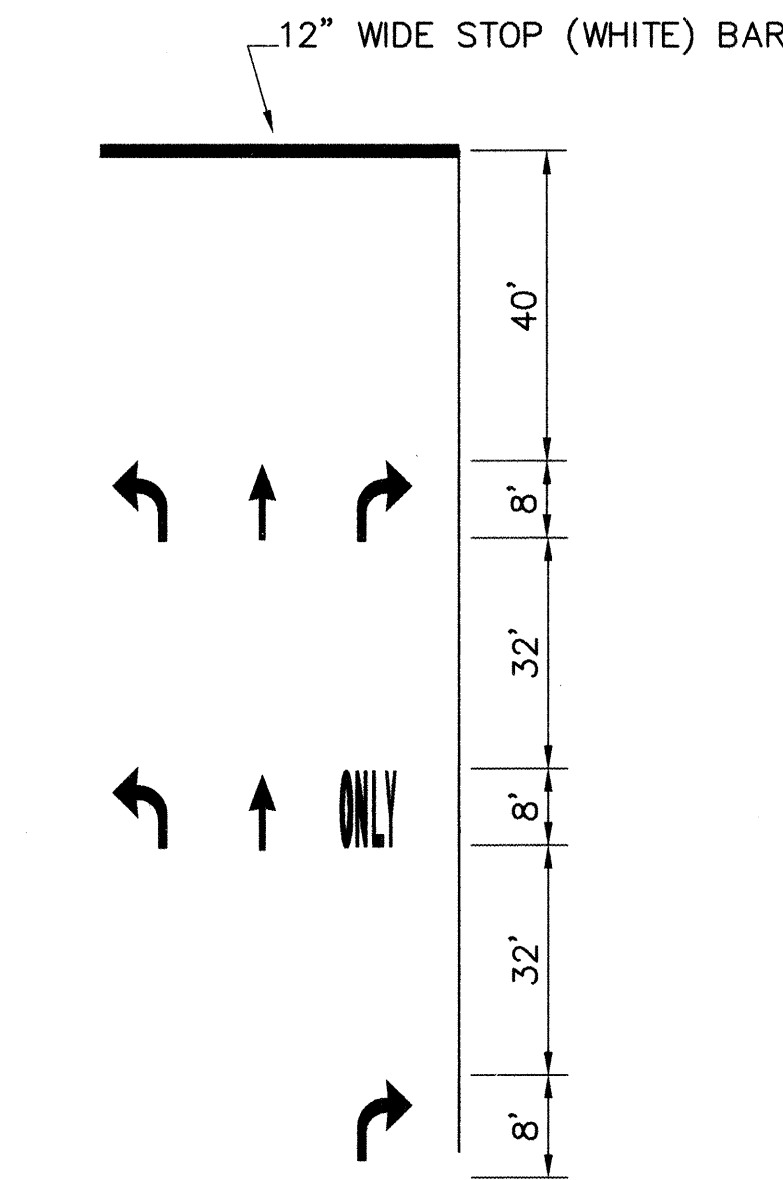
City Project No. 691892 Zone Map No. K-14 Sheet 18 Of 24

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ACS CONTROL STATION	DATE	FIELD NOTES	NO.	CITY OF ALBUQUERQUE STANDARD DRAWING	
WORK BY	DATE	STANDARD CITY OF ALBUQUERQUE DISK SET	DATE	BY			
INSPECTOR'S	DATE	IN A SQUARE BLOCK OF CONCRETE, STAMPED	DATE				
APPROVED BY	DATE	"4-J 14 ACS" STATION IS LOCATED APPROX.	DATE				
VERIFICATION BY	DATE	7.2' EAST OF THE BACK OF CURB OF 6TH ST.	DATE			GANNETT FLEMING WEST, INC.	
DRAWINGS	DATE	AND APPROX. 23.5' SOUTH OF BACK OF CURB	DATE				
RECORDED BY	DATE	OF ROMA ST. ELEVATION = 4954.015 FT (NAD27)	DATE				
NO.		N = 1487978.73, E = 379597.81 (NGVD29)					

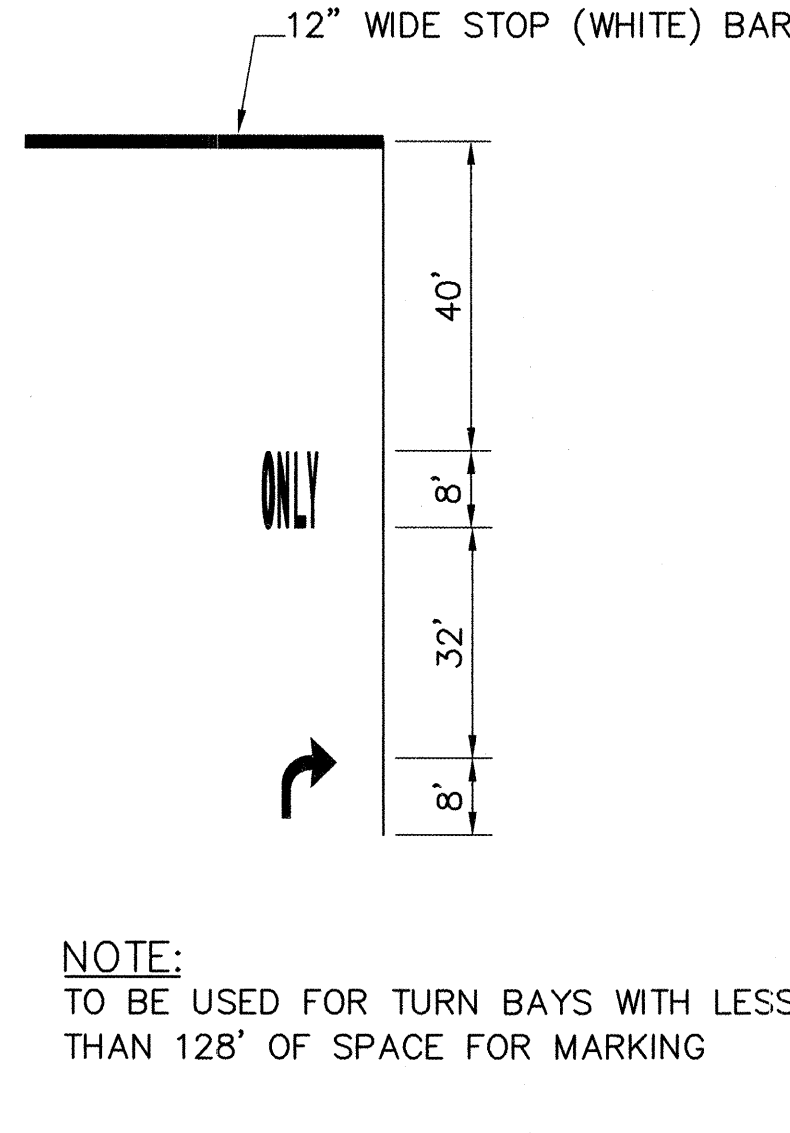


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|------------------|--------|--------------|------|-------|----|----|----|
| City Project No. | 691892 | Zone Map No. | K-14 | Sheet | Of | 19 | 24 |
|------------------|--------|--------------|------|-------|----|----|----|

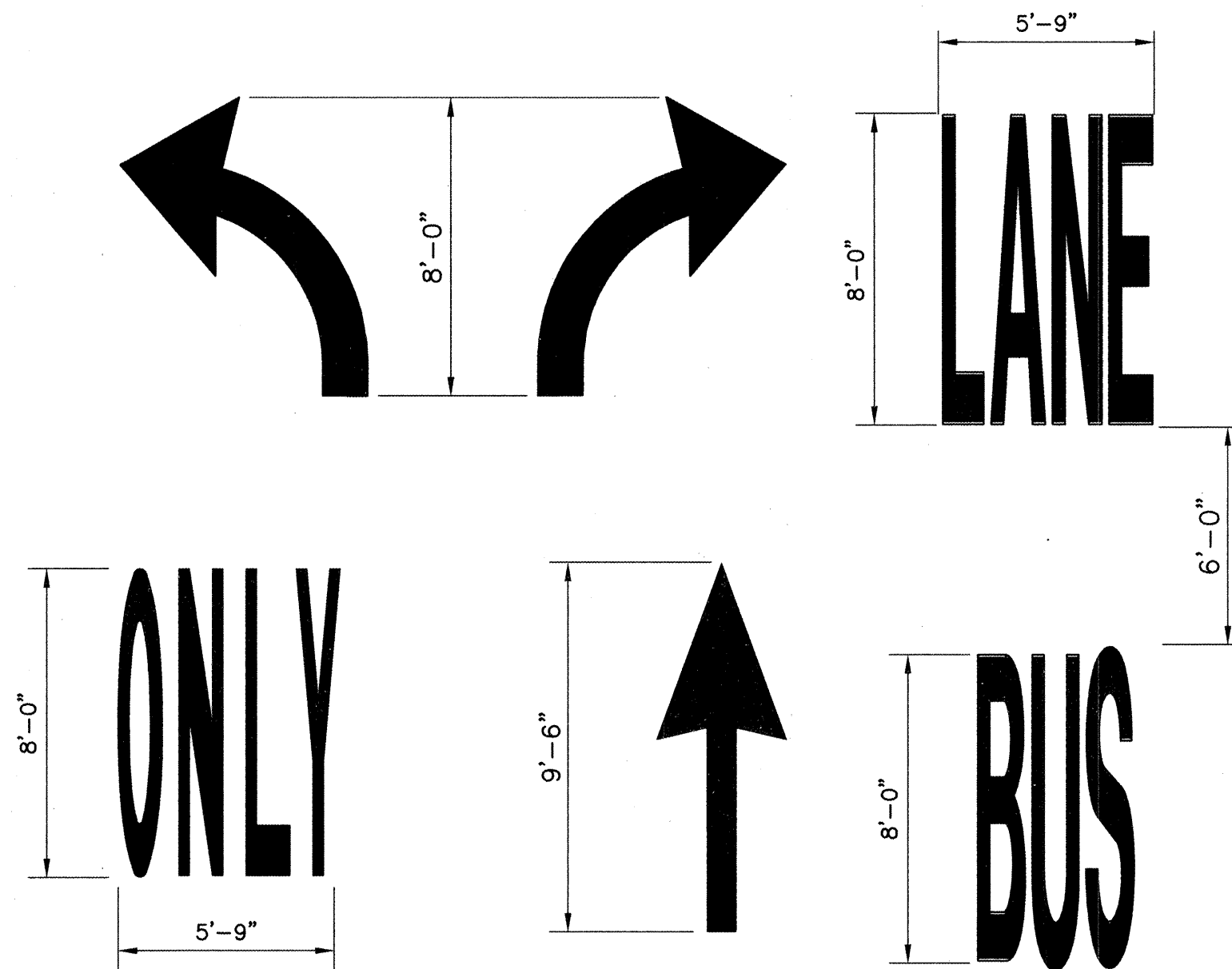
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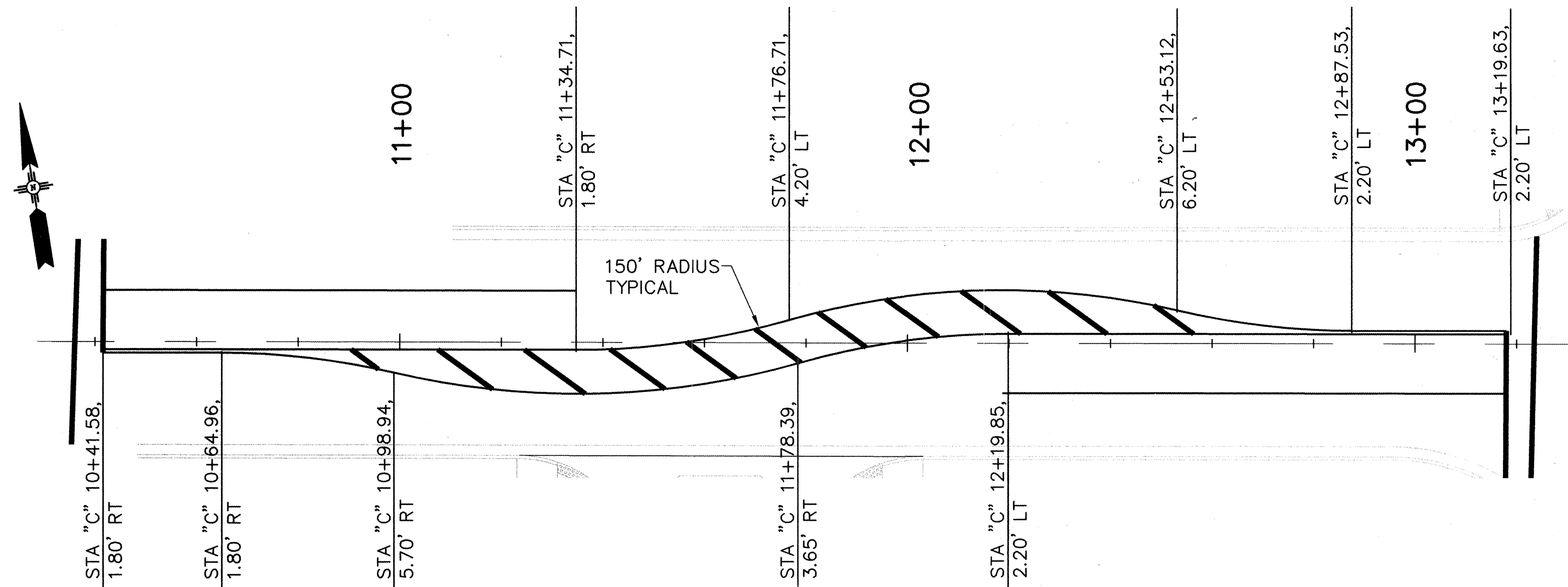
LANE MARKING (TYPICAL)
NTS



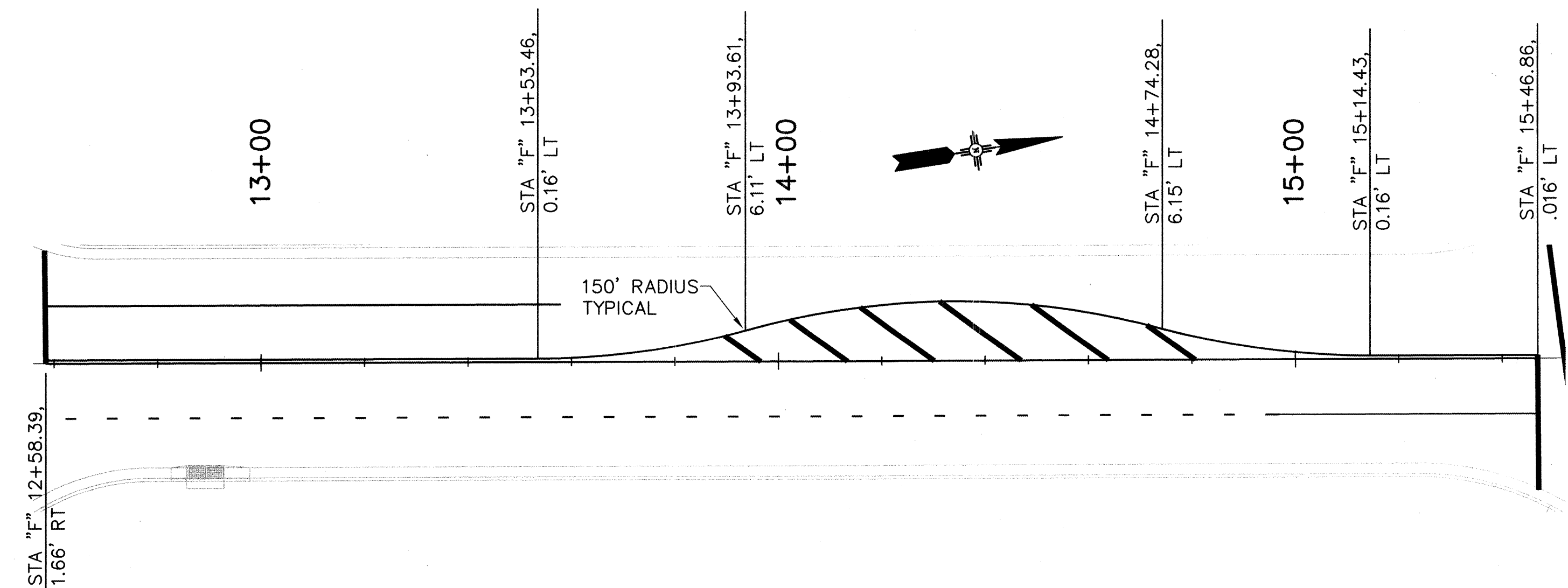
LANE MARKING (MODIFIED)
NTS



PLASTIC PAVEMENT WORD
AND SYMBOL MARKINGS
NTS



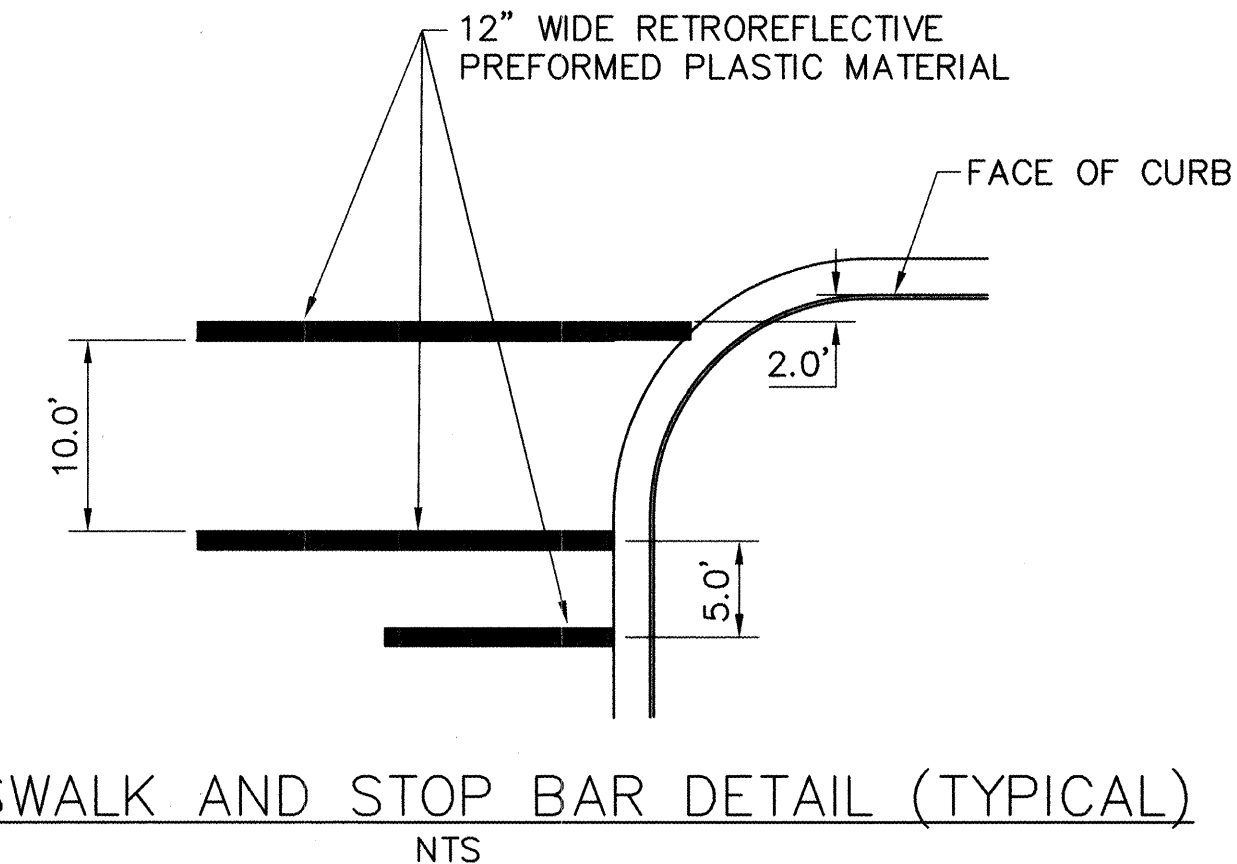
TURN BAY STRIPING DATA - COPPER AVE.
SCALE: 1"=20'



TURN BAY STRIPING DATA - FIRST ST.
SCALE: 1"=20'

GENERAL NOTES FOR PAVEMENT MARKINGS

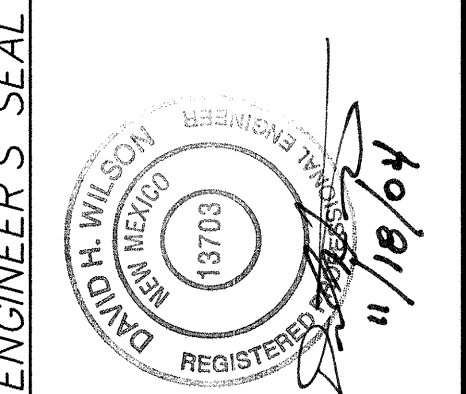
1. HOT THERMOPLASTIC PAVEMENT MARKINGS SHALL NOT BE USED. ALL PAVEMENT MARKINGS SHALL BE RETROREFLECTIVE PREFORMED PLASTIC MATERIAL AS PER CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, UPDATE #7, SECTION 441.
2. THE PAVEMENT MARKING DRAWINGS ARE SCHEMATIC ONLY. THE CONTRACTOR SHALL FOLLOW ALL DIMENSIONS, DETAILS AND STANDARDS WHEN INSTALLING PAVEMENT MARKINGS.
3. ALL LANE DIMENSIONS ARE FROM CENTER OF LANE LINE, CENTER OF DOUBLE LANE LINE, FACE OF CURB, OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
4. THE PERMANENT PAVEMENT MARKINGS MAY BE MODIFIED AS DIRECTED BY THE PROJECT MANAGER.
5. 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 THEREFOR.
6. 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.
7. 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.



CROSSWALK AND STOP BAR DETAIL (TYPICAL)
NTS

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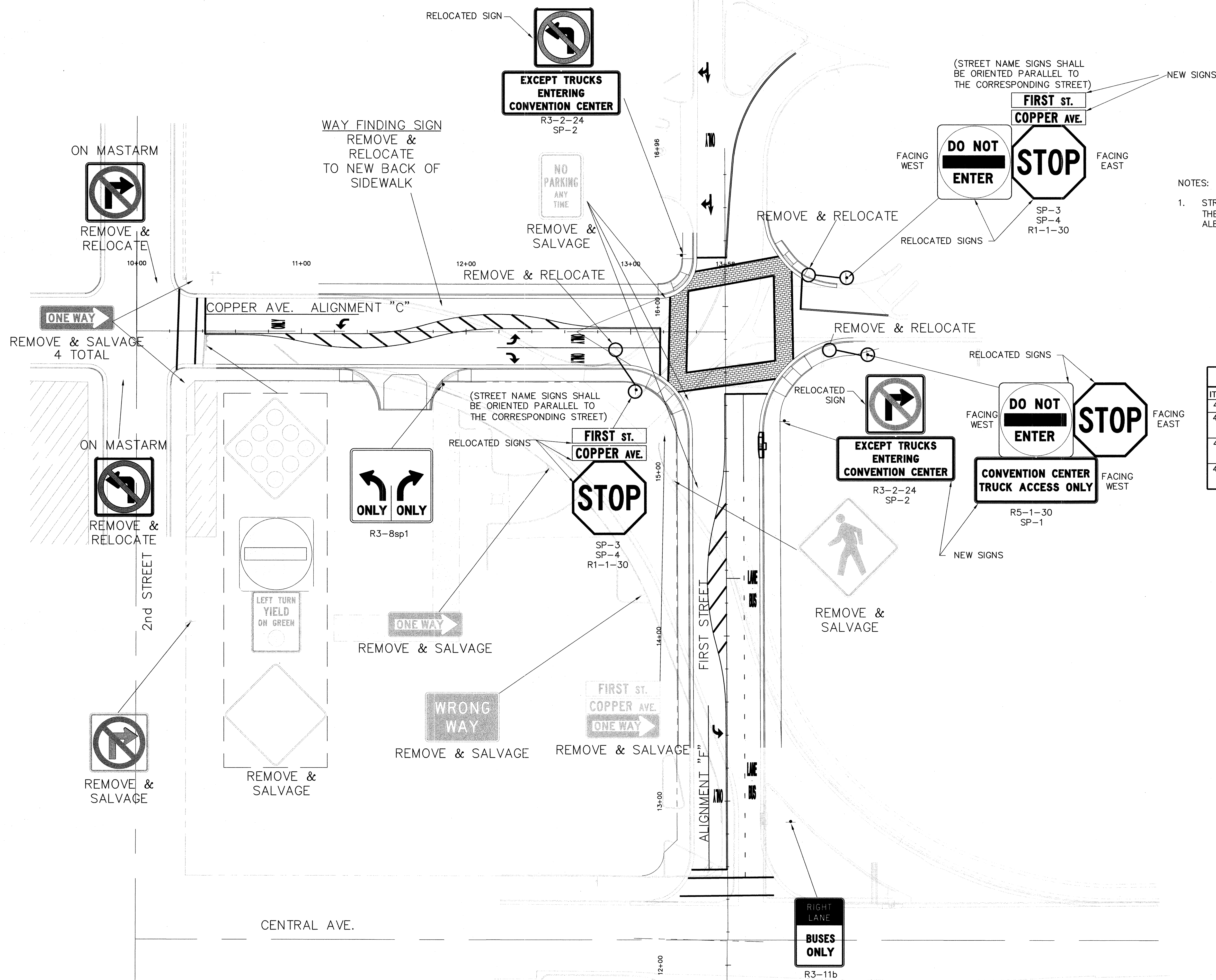
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT	
TITLE: FIRST & COPPER TRANSPORTATION IMPROVEMENTS	
PERMANENT STRIPING DETAILS	
Design Review Committee APPROVE DEC - 2 2004 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVE DEC - 2 2004 CITY ENGINEER
City Project No. 691892	Zone Map No. K-14
Sheet 20	Of 24



NO.	DATE	REVISIONS	BY
1	01/07/04	DESIGNED BY	MPG
2	01/07/04	DRAWN BY	BRS
3	01/07/04	CHECKED BY	MPG

GANNETT FLEMING WEST, INC.
DESIGNED BY: MPG
DRAWN BY: BRS
CHECKED BY: MPG

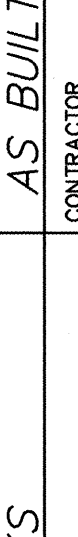
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NO.	DATE	NO.	DATE	NO.	DATE
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2	01/07/04	2	01/07/04	2	01/07/04
3	01/07/04	3	01/07/04	3	01/07/04

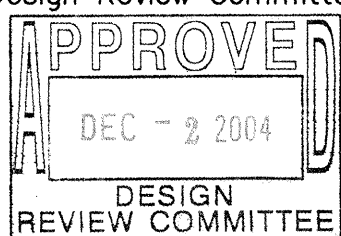
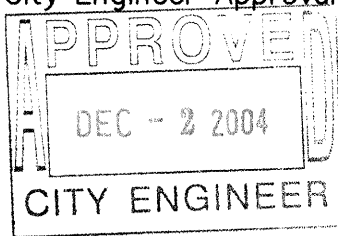


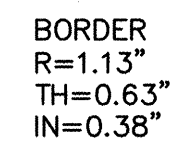
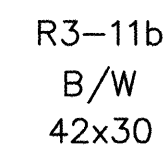
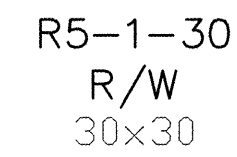
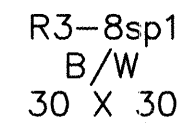
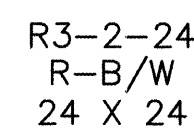
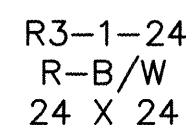
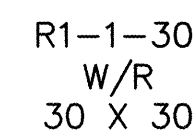
PERMANENT SIGNING SUMMARY OF QUANTITIES			
ITEM NO.	ITEM DESCRIPTION	UNIT	QTY
450.001	ALUMINUM PANEL SIGN, CIP	SF	
450.010	Square Tube Steel Posts & Base Posts for Aluminum Panel Sign, cip.	LF	
450.101	Sign, Post, & Base Post, Remove & Salvage, compl.	EA	
450.102	Sign, Post, & Base Post, Remove & Relocate, compl.	EA	

NOTES:

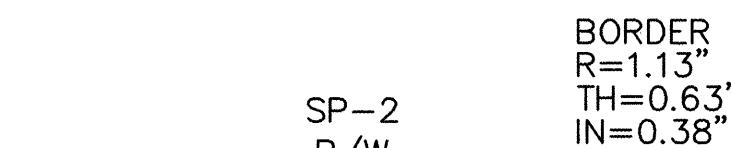
1. STREET NAME SIGNS SHALL COMPLY WITH THE CITY OF ALBUQUERQUE'S DOWNTOWN ALBUQUERQUE WAY-FINDING PROGRAM.

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES					
NO.	DATE	REMARKS	BY	DATE	CONTRACTOR	DATE	
					ACS CONTROL STATION "4-J14"		
					STANDARD CITY OF ALBUQUERQUE DISK SET		
					IN A SQUARE BLOCK OF CONCRETE, STAMPED		
					"4-J 14 ACS". STATION IS LOCATED APPROX.		
					7.2' EAST OF THE BACK OF CURB OF 6TH ST.		
					AND APPROX. 23.5' SOUTH OF BACK OF CURB		
					OF ROMA ST. ELEVATION = 4954.015 FT. (NAD27)		
					N = 1487978.73, E = 379597.81 (NGVD29)		
							
REVISIONS GANNETT FLEMING WEST, INC.							
DESIGNED BY	MPG	DATE	01/07/04				
DRAWN BY	BRS	DATE	01/07/04				

 Cannett Fleming West, Inc. 2155 Louisiana NE, Suite 8000 Office: (505) 265-8468 Albuquerque, New Mexico, 87110 Facsimile: (505) 681-2513		NO. <u>10A</u>		DESIGNED BY <u>G</u>		DRAWN BY	
 CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT							
TITLE: FIRST & COPPER TRANSPORTATION IMPROVEMENTS PERMANENT SIGNING PLAN							
Design Review Committee		City Engineer Approval		Mo./Day/Yr.		Mo./Day/Yr.	
				Last Design Update			
City Project No.		Zone Map No.		Sheet		Of	
691892		K - 14		21		24	



SP-1
B/W
18 X 48



SP-2
B/W
18 X 48

SP-3

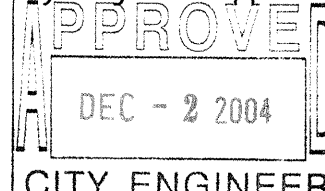
SP-4

STREET NAME SIGNS, FIRST STREET & COPPER STREET, SHALL COMPLY WITH THE CITY OF ALBUQUERQUE'S DOWNTOWN ALBUQUERQUE WAY-FINDING PROGRAM.

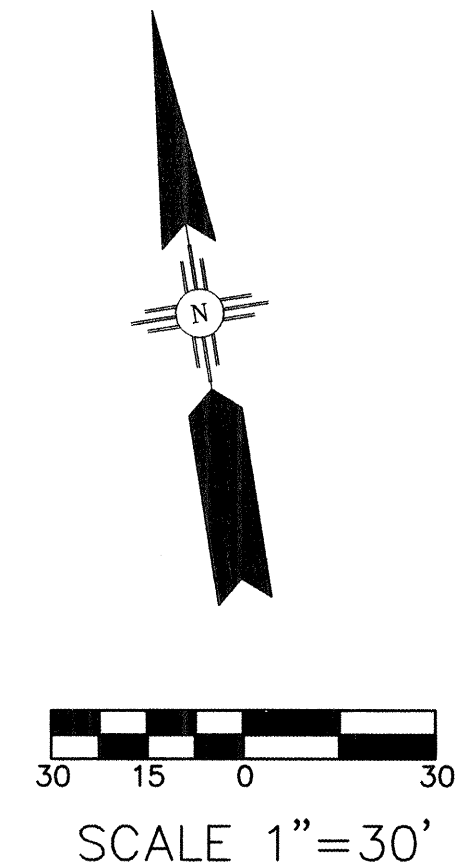
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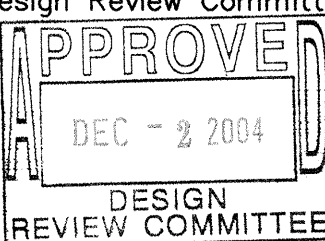
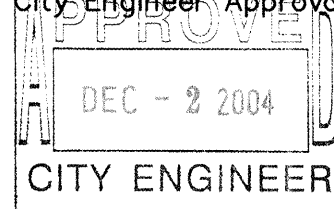
1. ALL TRAFFIC SIGNS AND SIGN STRUCTURES SHALL BE AS PER CITY OF ALBUQUERQUE TRAFFIC ENGINEERING OPERATIONS, THIRD DRAFT SPECIFICATIONS & CONTRACT ITEM LISTINGS AND SHALL COMPLY WITH SECTION 450 UNLESS OTHERWISE NOTED.
2. CONTACT CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT FOR HANDLING ARRANGEMENTS OF EXISTING SIGNS THAT ARE INDICATED AS TO BE REMOVED AND SALVAGED.
3. NEW POST MOUNTED SIGNS SHALL BE MOUNTED ON A SINGLE 12 GAUGE POST, AS MANUFACTURED BY TELESAR, OR APPROVED EQUAL. POSTS SHALL BE SQUARE WITH DIMENSIONS AS FOLLOWS:

2 1/4" x 2 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. FOR SIGN REPLACEMENT AND REMOVAL SEE PERMANENT SIGNING PLAN SHEET 21.
8. ALL SIGN AND POST INSTALLATION, REMOVAL AND REPLACEMENT WILL BE PERFORMED BY THE CITY OF ALBUQUERQUE PWD.

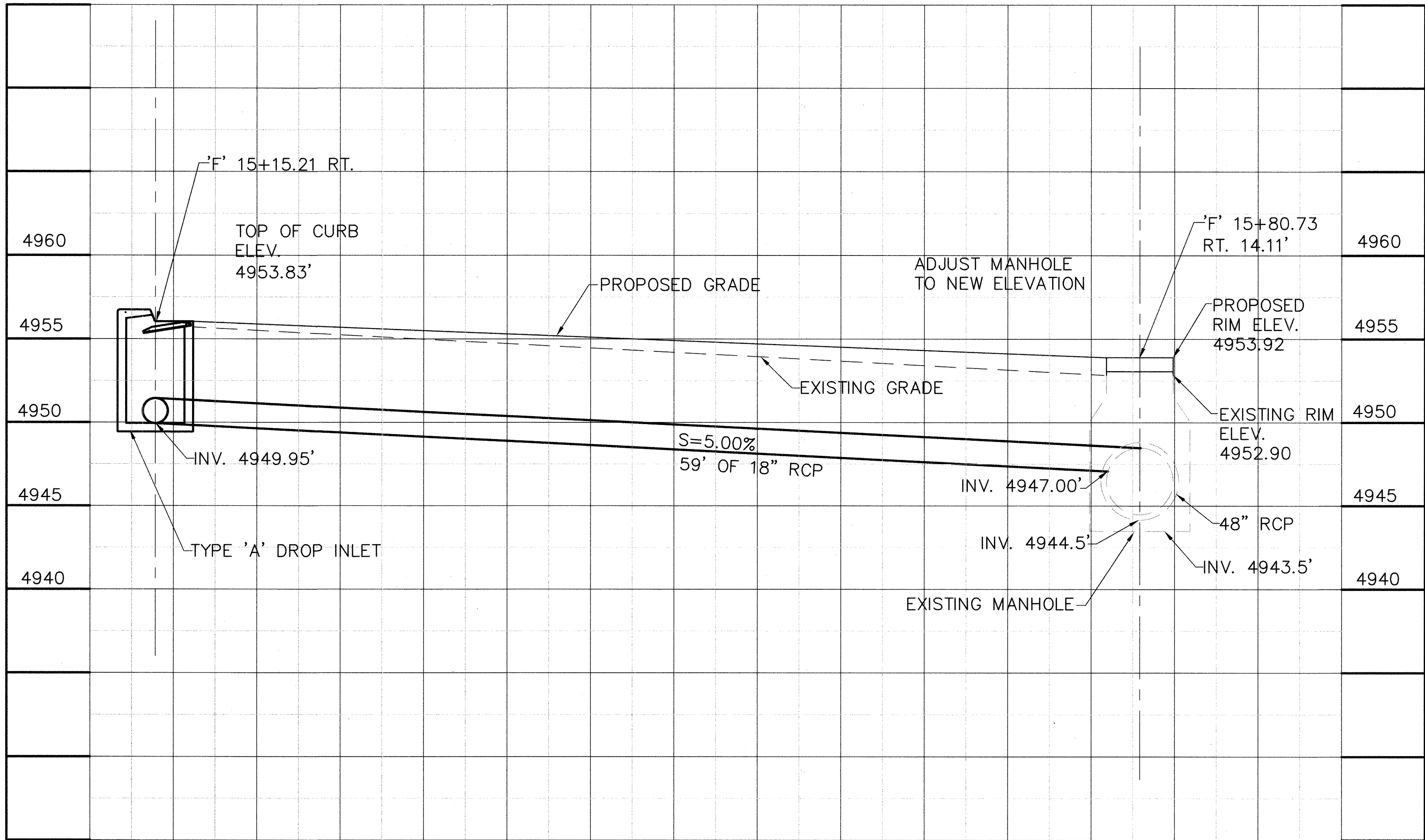
 Connell Fleming West, Inc. 2155 Louisiana NE, Suite 9000 Albuquerque, New Mexico 87110 Office: (505) 265-8468 Facsimile: (505) 681-2513		NO. <u>DA</u>		G DESIGNED BY DRAWN BY CHECKED BY													
 CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT																	
TITLE: FIRST & COPPER TRANSPORTATION IMPROVEMENTS PERMANENT SIGNING DETAILS & NOTES																	
Design Review Committee  APPROVE DEC - 2 2004 DESIGN REVIEW COMMITTEE		City Engineer Approval  APPROVE DEC - 2 2004 CITY ENGINEER		Last Design Update <table border="1" style="width: 100%;"> <thead> <tr> <th>Mo./Day/Yr.</th> <th>Mo./Day/Yr.</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>		Mo./Day/Yr.	Mo./Day/Yr.										
Mo./Day/Yr.	Mo./Day/Yr.																
City Project No. 691892		Zone Map No. K-14		Sheet 22 Of 24													

THE PROPOSED STREETLIGHT & TRAFFIC SIGNAL CONDUITS AND PULL BOXES ARE INCLUDED ON THIS DRAWING TO SHOW THEIR LOCATION RELATIVE TO THE EXISTING UTILITIES.



 Gannett Fleming West, Inc. 2155 Louisiana NE, Suite 9000 Albuquerque, New Mexico 87110 Office: (505) 245-8488 Facsimile: (505) 481-2513		NO. 1A NO. 1B NO. 1C NO. 1D NO. 1E NO. 1F NO. 1G NO. 1H NO. 1I NO. 1J NO. 1K NO. 1L NO. 1M NO. 1N NO. 1O NO. 1P NO. 1Q NO. 1R NO. 1S NO. 1T NO. 1U NO. 1V NO. 1W NO. 1X NO. 1Y NO. 1Z		DESIGNED BY DRAWN BY CHECKED BY																							
 CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT																											
TITLE: FIRST & COPPER TRANSPORTATION IMPROVEMENTS EXISTING UTILITY PLAN																											
Design Review Committee 		City Engineer Approval 		Last Design Update <table border="1"> <thead> <tr> <th>Mo./Day/Yr.</th> <th>Mo./Day/Yr.</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>		Mo./Day/Yr.	Mo./Day/Yr.																				
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City Project No. 691892		Zone Map No. K-14		Sheet 23 Of 24																							

Date: Nov 15, 2004 - 9:30am btsede Layout Layout
Drawing Name: K:\PROJECTS\38527\38527 Vst and copper\PLAN38527-113 STRUCTURE SECT.dwg (For Internal Use Only)



TYPE 'A' DROP INLET STATION 'F' 15+15.21 RT.

SCALE: 1"=5'

Gannett Fleming West, Inc.
2155 Louisiana NE, Suite 8000 Albuquerque, New Mexico 87110
Office: (505) 245-8468 Facsimile: (505) 881-2513



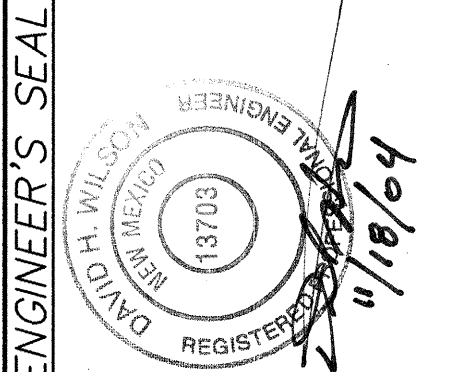
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

TITLE: FIRST & CUPPER TRANSPORTATION IMPROVEMENTS
STORM DRAIN STRUCTURE

Design Review Committee
APPROVE
DEC - 2 2004
DESIGN REVIEW COMMITTEE

City Engineer Approval
APPROVE
DEC - 2 2004
CITY ENGINEER

City Project No. 691892 Zone Map No. K-14 Sheet 24 Of 24



REVISIONS
NO. DATE BY
DESIGNED BY GANNETT FLEMING WEST, INC. DATE 01/07/04
DRAWN BY MPG DATE 01/07/04
CHECKED BY MPG DATE 01/07/04

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

BENCH MARKS
ACS CONTROL STATION "4-J14"
STANDARD CITY OF ALBUQUERQUE DISK SET
IN A SQUARE BLOCK OF CONCRETE, STAMPED
"4-J 14 ACS". STATION IS LOCATED APPROX.
7.2' EAST OF THE BACK OF CURB OF 6TH ST.
AND APPROX. 23.5' SOUTH OF BACK OF CURB
OF ROMA ST. ELEVATION = 4954.015 FT (NAD27)
N = 1487978.73, E = 379597.81 (NGVD29)

AS BUILT INFORMATION
CONTRACTOR
WORK
STARTED BY
DATE
FIELD
ACCEPTANCE BY
DATE
FIELD
DRAWINGS
DATE
MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.