



FOR VICINITY MAP  
SEE SHEET 2

# CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM FAMILY AND COMMUNITY SERVICES GATE ARTS PROGRAM ALLEY CLOSURES

## INDEX TO DRAWINGS

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9	GATE DESIGN PATTERNS
10	TRAFFIC CONTROL
11	TRAFFIC CONTROL

FOR INFORMATION ONLY

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(505) 764-9801 Fax 842-5495  
e-mail: cp@consensusplanning.com

**Smith Engineering Company**  
A Full Service Engineering Company  
SEC JOB # 100200

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVED	ENGINEER	DATE	APPROVED FOR CONSTRUCTION		
		DRC Chairman	<i>[Signature]</i>	9/20/00	<i>[Signature]</i> 9/20/00 CITY ENGINEER DATE		
		Transportation	<i>[Signature]</i>	9/19/00			
		Water/Wastewater	<i>[Signature]</i>	9/19/00			
		Hydrology	<i>[Signature]</i>	9/19/00			
		CIP	<i>[Signature]</i>	9/20/00			
		Constr. Mgmt.	<i>[Signature]</i>	9/20/00			
		Constr. Coord.	<i>[Signature]</i>	9/20/00			
PROJECT NUMBER				635091		SHEET 1 OF 11	







1 ALL WATER VALVES AND FIRE HYDRANTS REMOVED TO BE SALVAGED AND RETURNED TO THE C.O.A.

2 MINIMUM BOTTOM WIDTH OF TRENCHES FOR RIGID PIPE SHALL BE EQUAL TO THE HORIZONTAL AND VERTICAL LOCATIONS. BEDDING MATERIAL SHALL BE CLASS II, III, OR IV UNLESS OTHERWISE SPECIFICALLY NOTED ON THE PLANS.

3 MINIMUM BOTTOM WIDTH OF TRENCHES FOR NON-RIGID PIPE SHALL BE EQUAL TO THE OUTSIDE DIAMETER PLUS 12 INCHES. BEDDING MATERIAL SHALL BE CLASS I, II, OR III.

4 THE CONTRACTOR AGREES TO TAKE NECESSARY SAFETY PRECAUTIONS AS REQUIRED BY FEDERAL, STATE AND LOCAL AUTHORITIES TO PROTECT PEDESTRIAN AND VEHICULAR TRAFFIC IN THE CONSTRUCTION AREA, WHICH INCLUDE BUT ARE NOT LIMITED TO: MAINTAINING ADEQUATE WARNING SIGNS, BARRICADES, LIGHTS, GUARD FENCES, WALKS AND BRIDGES.

5 ALL STRUCTURAL CONCRETE TO BE 4000 PSI UNLESS OTHERWISE NOTED ON PLANS.

6 ALL REINFORCING STEEL TO BE GRADE 60.

7 ALL EXPOSED EDGES ON CAST-IN-PLACE CONCRETE STRUCTURES WILL HAVE A 1" CHAMFER UNLESS OTHERWISE NOTED.

8 ALL SPLICES IN REINFORCING STEEL TO BE 2-FOOT 6-INCH MINIMUM UNLESS OTHERWISE NOTED.

9 PRIOR TO CONSTRUCTION, THE CONTRACTOR WILL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS AND POTENTIAL CONFLICTING UTILITIES. SHOULD CONFLICT EXIST BETWEEN THE FIELD INFORMATION AND THE PLANS, THE CONTRACTOR WILL NOTIFY THE CITY FIELD ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.

10 THE REPLACEMENT OF THE EXISTING UTILITIES AND THE INSTALLATION OF NEW UTILITY LINES WILL BE COMPLETED IN ADVANCE OF STARTING THE PAVEMENT WORK. TEMPORARY PAVEMENT WILL BE PLACED IN ALL TRENCHES REQUIRED FOR THE UTILITY REPLACEMENTS IN THOSE AREAS THAT MUST MAINTAIN TRAFFIC UNTIL THE FINAL PAVEMENT WORK STARTS IN EACH AREA. TEMPORARY STRIPING SHALL BE THE CONTRACTOR'S RESPONSIBILITY. MAINTENANCE OF THE TEMPORARY PAVING AND STRIPING WILL BE AT THE CONTRACTOR'S EXPENSE.

11 TACK COAT FOR SURFACE COURSE REQUIREMENTS WILL BE DETERMINED BY THE CITY FIELD ENGINEER.

12 THE CONTRACTOR WILL CONTACT THE CITY OF ALBUQUERQUE TRAFFIC DIVISION 764-1599, ONE (1) WEEK IN ADVANCE OF ANY CHANGES REQUIRED IN THE TRAFFIC SIGNALIZATION OF THIS PROJECT. ALL WORK ASSOCIATED WITH NEW TRAFFIC SIGNALIZATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

13 ALL NEW STREET PAVING, DRIVEWAYS, SIDEWALKS, AND CURB AND GUTTERS, ABUTTING EXISTING AREAS SHALL MATCH THE ELEVATION OF THOSE AREAS.

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

15 ALL EXCAVATED MATERIAL THAT IS NOT REQUIRED TO BE REUSED MUST BE REMOVED FROM THE PROJECT AREA WITHIN FOUR DAYS OF EXCAVATION. SPOIL PILES WILL BE ALLOWED ONLY AS DIRECTED BY THE CITY FIELD ENGINEER.

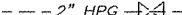













16 THE CONTRACTOR WILL COORDINATE THE CONSTRUCTION ACTIVITIES WITH ALL OTHER CONTRACTORS AND UTILITY COMPANIES WORKING IN THE SAME AREA. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE THEIR ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCE CAUSED BY UTILITY COMPANY WORK CREWS. A CONTRACT EXTENSION MAY BE ALLOWED AS DELINEATED IN CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS.

17 ALL CONSTRUCTION EASEMENTS ON PRIVATE PROPERTY WILL BE OBTAINED BY THE CONTRACTOR PRIOR TO THE BEGINNING OF CONSTRUCTION.

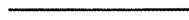















18 EXISTING MEDIAN CURB AND GUTTER AND STANDARD CURB AND GUTTER, NOT DISTURBED BY CONTRACTOR, BUT OUT OF ALIGNMENT, DISPLACED VERTICALLY, BADLY BROKEN AND/OR DETERIORATED, WILL BE REPLACED AS REQUIRED BY THE CITY FIELD ENGINEER AND PAID FOR AT CONTRACT UNIT PRICES.

19 ALL TRAFFIC CONTROL DEVICES REQUIRED FOR DRIVEWAY CLOSURES, UTILITY CONSTRUCTION OR FOR OTHER REASONS AND NOT SHOWN ON THE SIGNING PLANS WILL BE FURNISHED BY THE CONTRACTOR. THE CONTRACTOR WILL BE RESPONSIBLE IN THE TECHNICAL SPECIFICATIONS AND BID PROPOSAL. PRIOR TO PLACING THE TRAFFIC CONTROL DEVICES, THE CONTRACTOR WILL NOTIFY THE AFFECTED OWNERS IN ACCORDANCE WITH THE SPECIFICATIONS. CONTRACTOR MUST MAKE PROVISIONS TO PROVIDE ACCESS TO PROPERTIES. REFER TO SECTION 19 OF THE SPECIFICATIONS.


EXISTING FEATURES LEGEND:

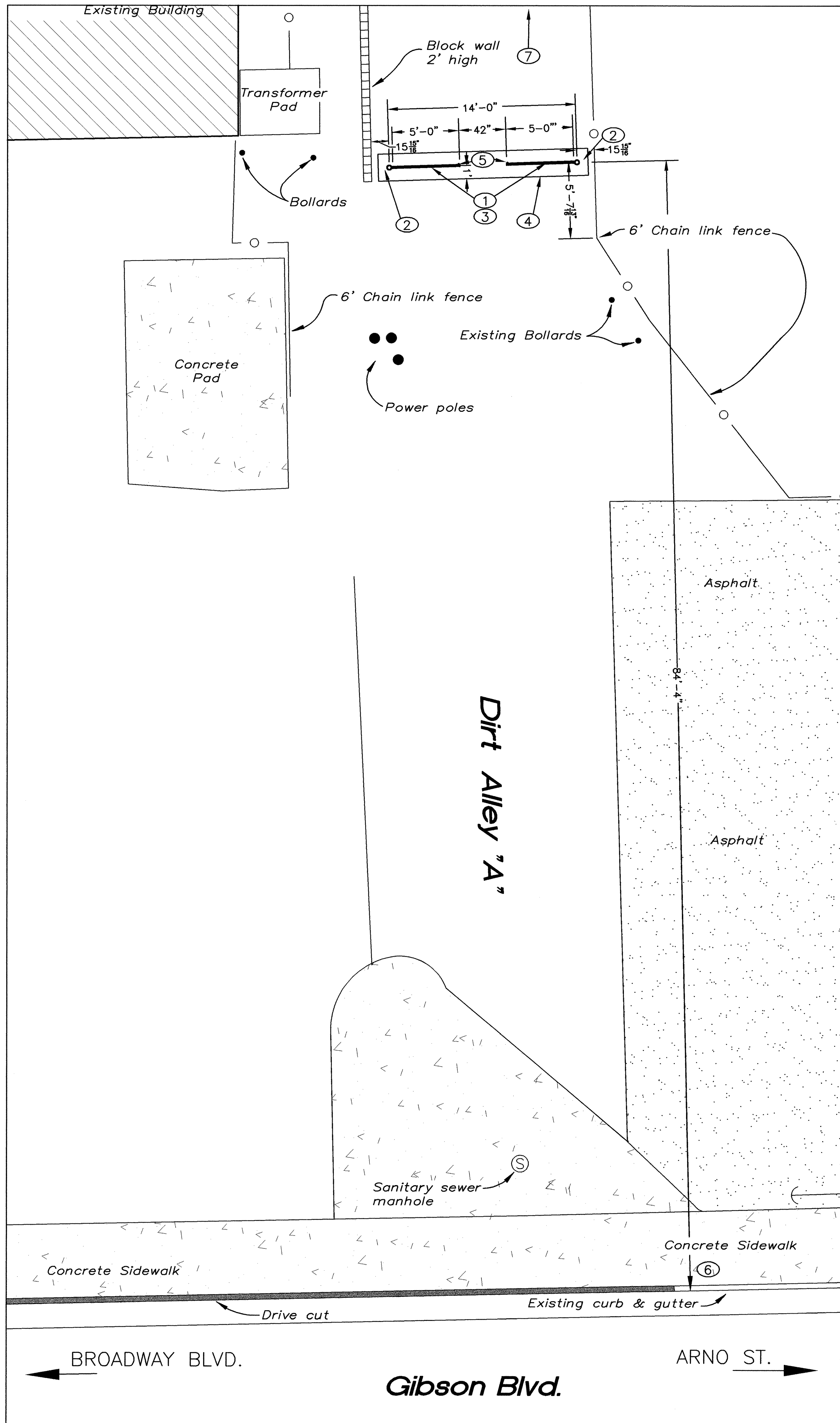
	EXISTING CHAIN-LINK FENCE
	EXISTING GAS LINE W/ VALVE
	EXISTING WATERLINE W/ VALVE
	EXISTING WATERLINE METER
	EXISTING FIRE HYDRANT
	EXISTING SANITARY SEWER LINE W/ MANHOLE
	EXISTING STORM DRAIN
	EXISTING UTILITY POLE
	EXISTING 1' CONTOUR
	EXISTING 5' CONTOUR
	EXISTING CURB & GUTTER
	EXISTING CONCRETE
	EXISTING BUILDING LINE
	EXISTING EASEMENT LINE

## NEW FEATURES LEGEND:

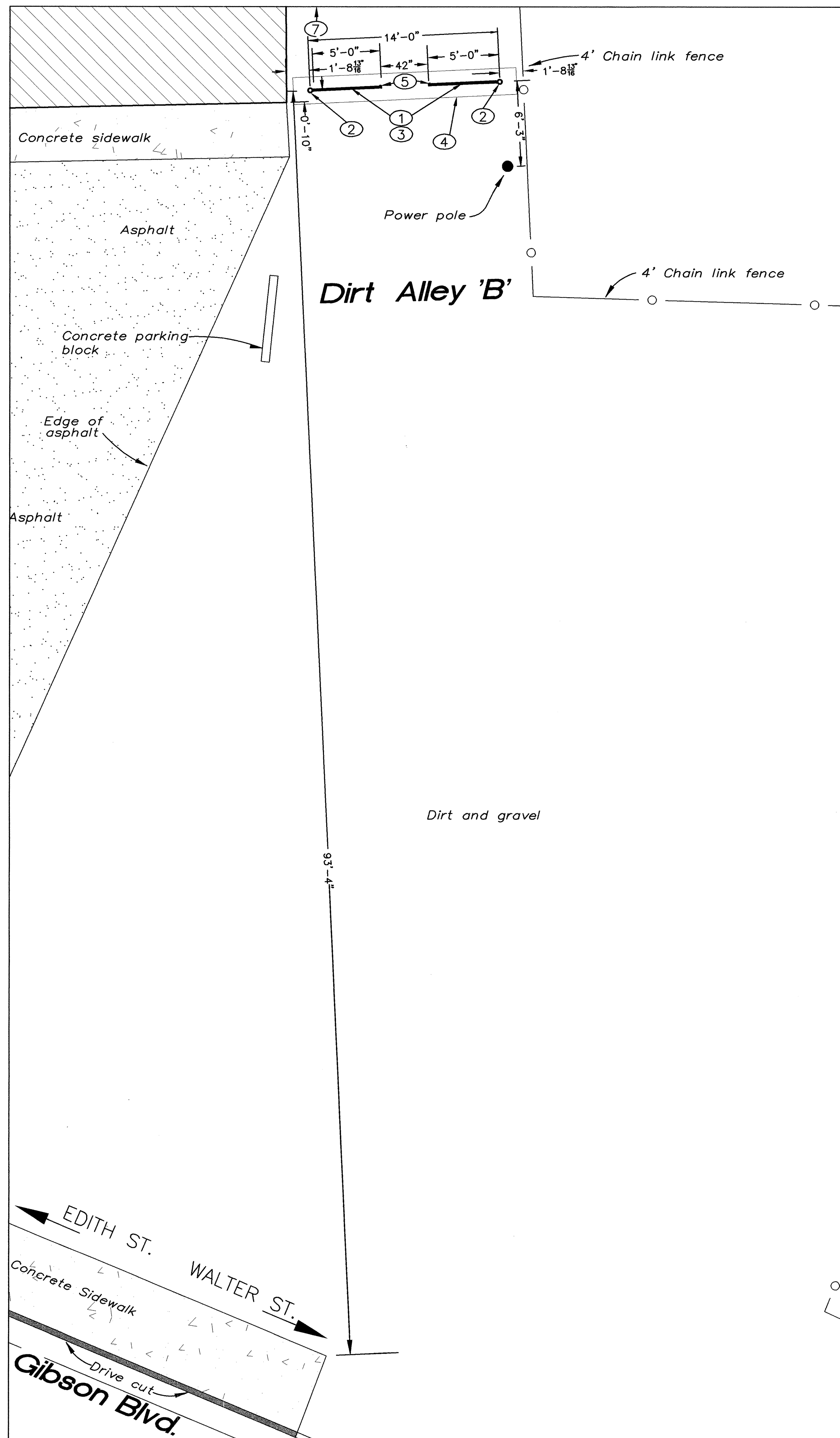
	CONSTRUCTION CENTERLINE
	NEW CHAIN-LINK FENCE
	NEW GAS LINE W/ VALVE
	NEW WATERLINE W/ VALVE
	NEW WATERLINE METER
	NEW FIRE HYDRANT
	NEW SANITARY SEWER LINE W/ MANHOLE
	NEW STORM DRAIN
	NEW UTILITY POLE
	NEW 1' CONTOUR
	NEW 5' CONTOUR
	NEW CURB & GUTTER
	NEW CONCRETE
	NEW EASEMENT LINE
	POT HOLE LOCATION W/ NO.
	NEW EDGE OF PAVEMENT

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 <p><b>PLANNING</b>  <b>CONSENSUS</b></p>	<p><b>PLANNING</b>          Planning / Landscape Architecture          924 Park Avenue SW          Albuquerque, NM 87102          (505) 764-9801 Fax 842-5495          e-mail: cp@consensusplanning.com</p>		<p>100200</p>		<p>NO. DATE</p>		<p>DESIGNED BY JAB</p>		<p>DRAWN BY MDM</p>		<p>CHECKED BY JAB</p>	
	<p><b>Smith Engineering Company</b>          A Full Service Engineering Company          6400 Uptown Boulevard, N.E. Suite 1000 Albuquerque, New Mexico 87110</p>											
<p><b>CITY OF ALBUQUERQUE</b>  <b>CAPITAL IMPLEMENTATION PROGRAM</b>  <b>FAMILY AND COMMUNITY SERVICES</b></p>												
<p><b>TITLE: GATE ARTS PROGRAM/ALLEY CLOSURE</b></p>												
<p><b>GENERAL NOTES</b></p>												
<p>Design Review Committee</p> <p><b>APPROVED</b></p> <p>SEP 2 0 2000</p> <p><b>CITY ENGINEER</b></p>		<p>City Engineer Approval</p> <p><b>APPROVED</b></p> <p>SEP 2 0 2000</p> <p>DESIGN REVIEW COMMITTEE</p>		<p>Last Design Update</p>		<p>Mo. / Day / Yr.</p>		<p>Mo. / Day / Yr.</p>				
<p>City Project No. 635091</p>		<p>Zone Map No. L-14-Z K-14-Z</p>		<p>Sheet 3</p>		<p>Of 11</p>						



ALLEY 'A' GIBSON SE BETWEEN BROADWAY SE AND ARNO SE

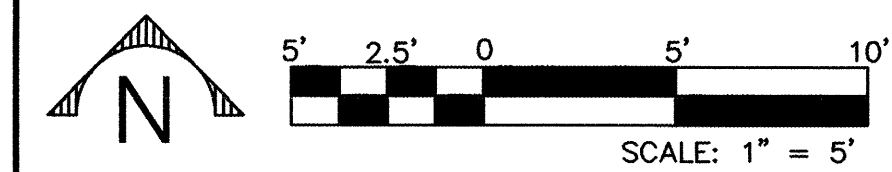


ALLEY 'B' GIBSON SE BETWEEN EDITH SE AND WALTER SE

KEYED NOTES:

- SEE SHEET 2 FOR GATE STRUCTURAL DETAILS
- 4" GATE POST TO BE INSTALLED PER C.O.A. STD. DWG. 2251
- SEE SHEET 8 FOR INDIVIDUAL GATE ARTISTIC PANEL DESIGN
- CONSTRUCT CONCRETE SLAB AND POST FOUNDATION PER GATE DETAILS ON SHEET 2.
- CONSTRUCT LATCH AND LOCK PER GATE DETAIL ON SHEET 2.
- ALL DIMENSIONS SHOWN FROM STREET CURB & GUTTER SHALL BE FROM FACE OF CURB.
- INSTALL DEAD END SIGNS PER DETAILS SHOWN ON SHEET 8
- SAWCUT EXISTING ASPHALT PAVEMENT, AND CURB & GUTTER AS NEED TO CONSTRUCT GATE POST FOUNDATION AND CONCRETE SLAB. REMOVE AND DESPOSE OF ALL REMOVALS.
- FOUNDATION & TOP OF CONCRETE SLAB ELEVATION TO MATCH EXISTING ASPHALT AND CONCRETE GRADE.

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CITY OF ALBUQUERQUE  
CAPITAL IMPLEMENTATION PROGRAM  
FAMILY AND COMMUNITY SERVICES

TITLE: GATE ARTS PROGRAM/ALLEY CLOSURE  
PLAN OF ALLEY AND GATES A-B

Design Review Committee  
APPROVE  
SEP 20 2000  
CITY ENGINEER

City Engineer Approval  
APPROVE  
SEP 20 2000  
DESIGN REVIEW COMMITTEE

Last Design Update  
Mo. / Day / Yr.  
Mo. / Day / Yr.

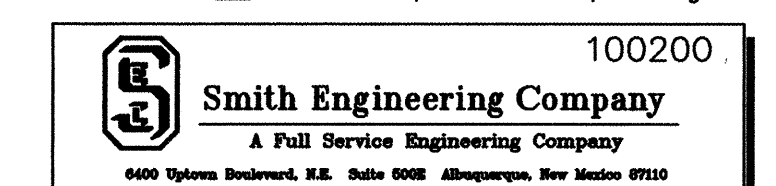
City Project No. 635091 Zone Map No. L-14-Z, K-14-Z Sheet 4 of 11

ENGINEERS SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
PATRICK J. COMLEY REGISTERED PROFESSIONAL ENGINEER 6/15/00		FIELD NOTES BY STEPHEN JAMES TOLER FROM SURVEY CONTROL INC.		SEE SHEET 2 FOR SURVEY CONTROL		CONTRACTOR DATE INSPECTOR DATE FIELD VERIFICATION BY DATE CORRECTED BY DATE MICRO-FILM INFORMATION RECORDED BY DATE NO.	
REMARKS		NO. DATE		NO. DATE		NO. DATE	
DESIGN		BY		BY		BY	
DESIGNED BY JAB		DATE JUN 2000		DATE JUN 2000		DATE JUN 2000	
DRAWN BY MDM		DATE JUN 2000		DATE JUN 2000		DATE JUN 2000	
CHECKED BY JAB		DATE JUN 2000		DATE JUN 2000		DATE JUN 2000	





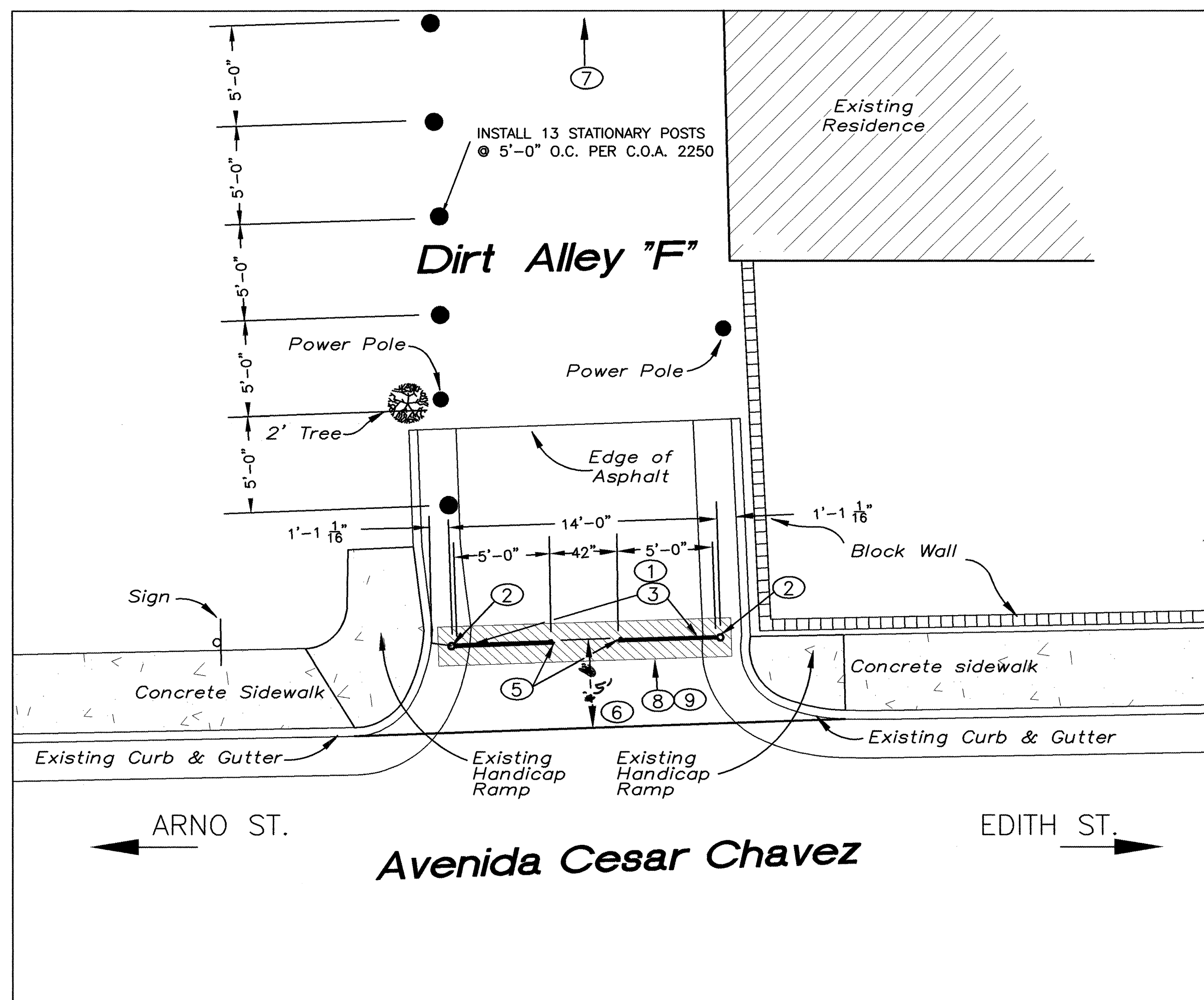
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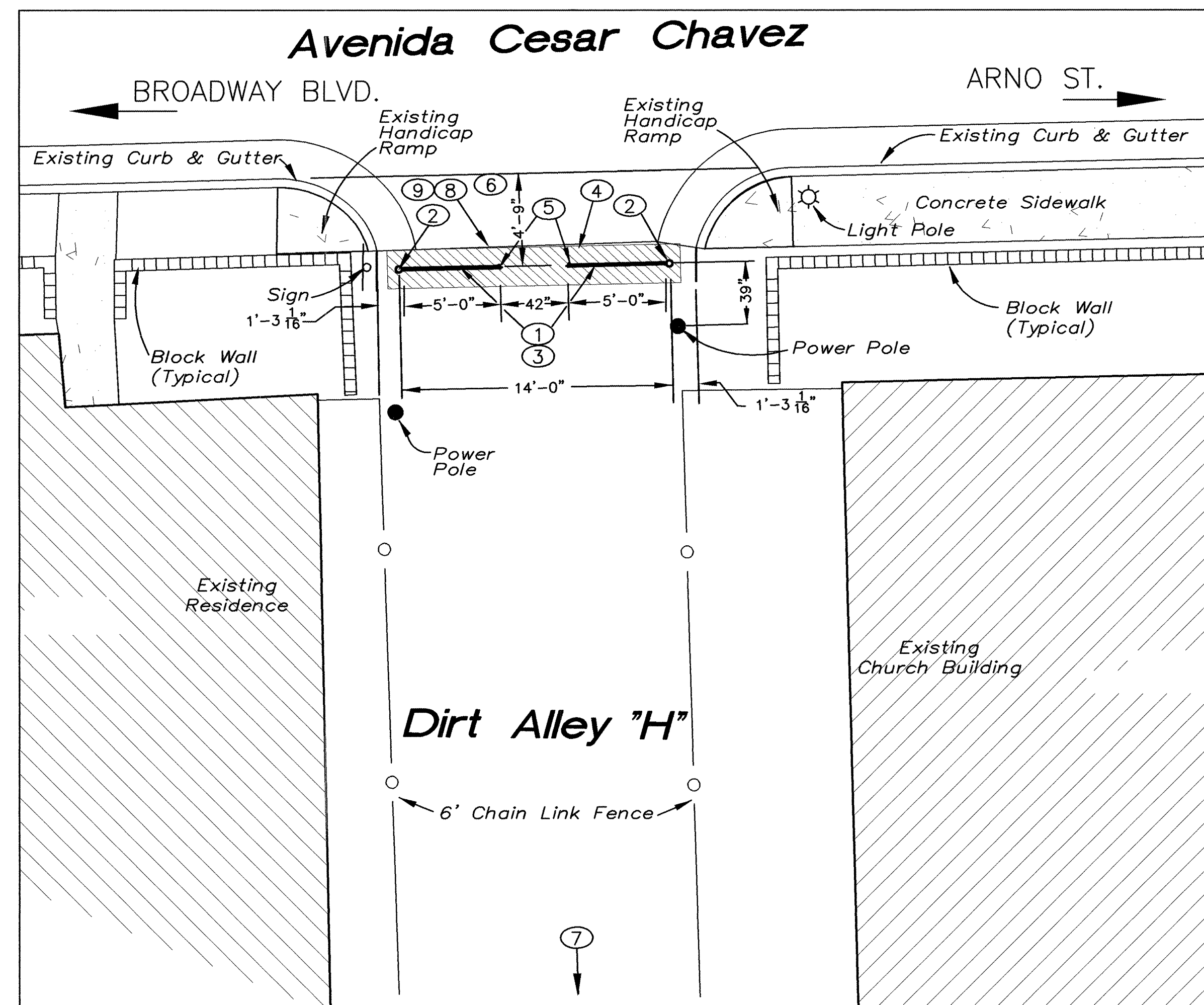
Design Review Committee <b>APPROVE</b>  SEP 20 2000 <b>CITY ENGINEER</b>	City Engineer Approval <b>APPROVE</b>  SEP 20 2000 DESIGN REVIEW COMMITTEE	Last Design Update	Mo. / Day / Yr.          	Mo. / Day / Yr.          
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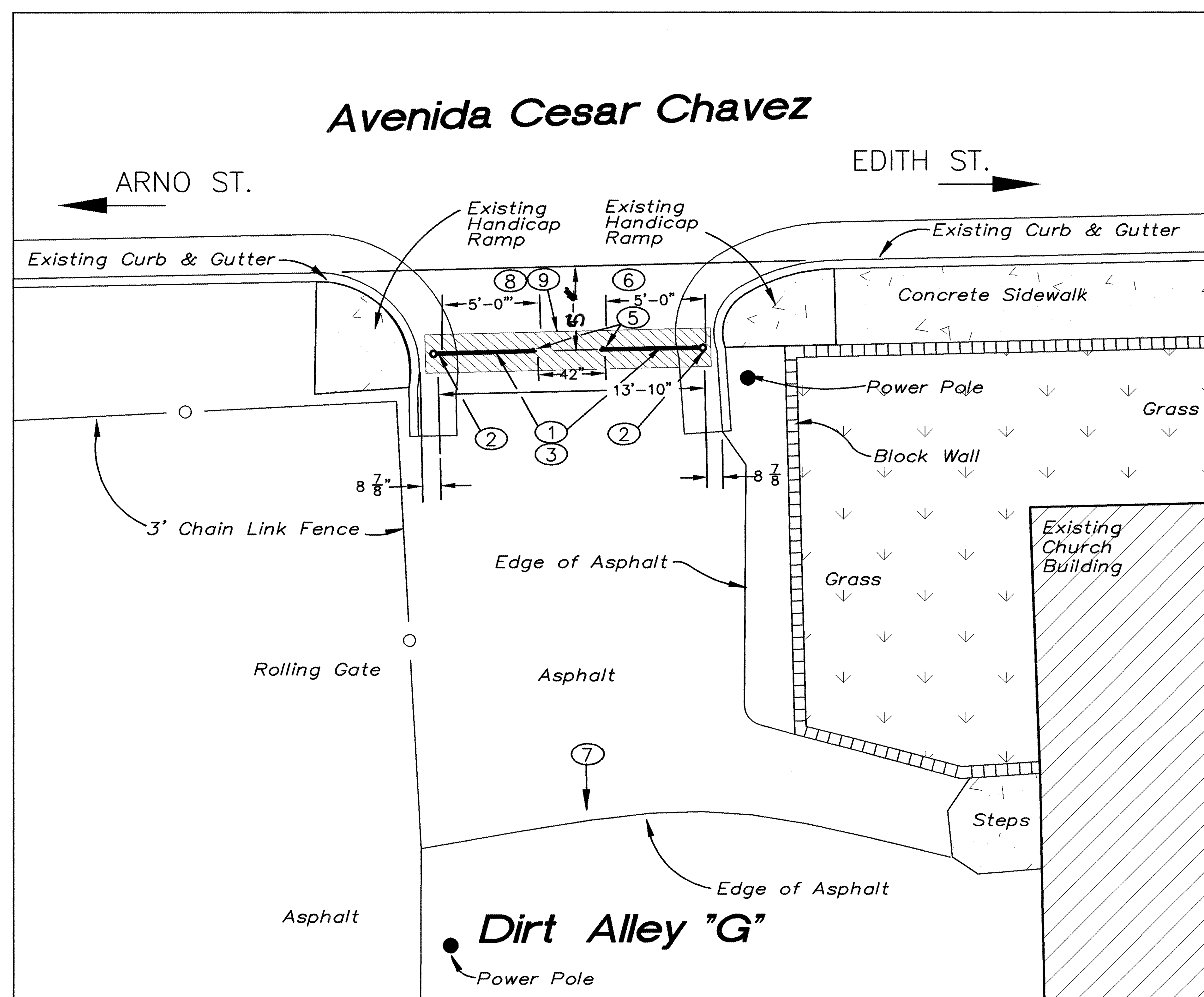




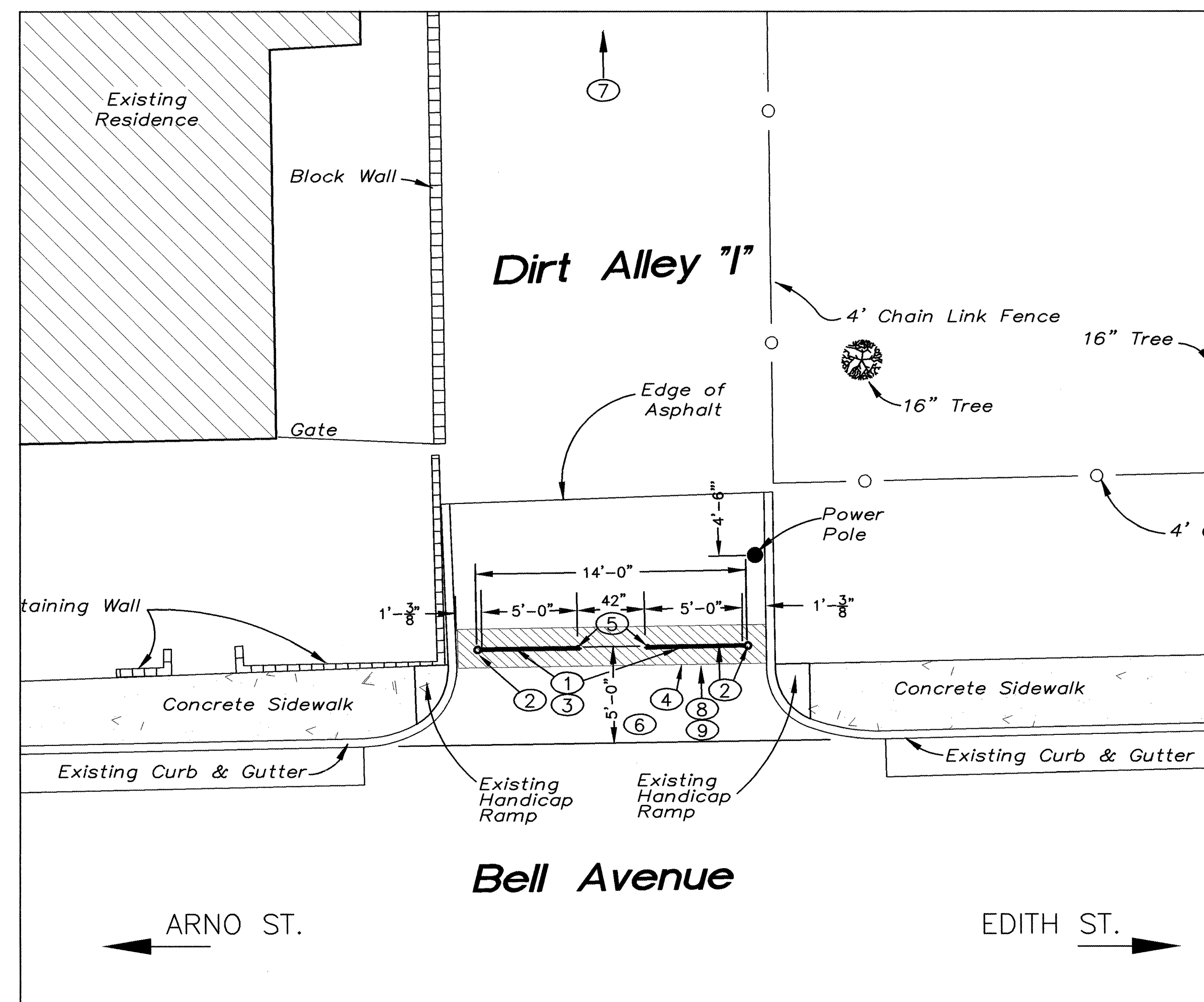
ALLEY 'F' CESAR CHAVEZ (NORTHSIDE) BETWEEN ARNO SE AND EDITH SE



ALLEY 'H' CESAR CHAVEZ (SOUTHSIDE) BETWEEN BROADWAY SE AND ARNO SE



ALLEY 'G' CESAR CHAVEZ (SOUTHSIDE) BETWEEN ARNO SE AND EDITH SE



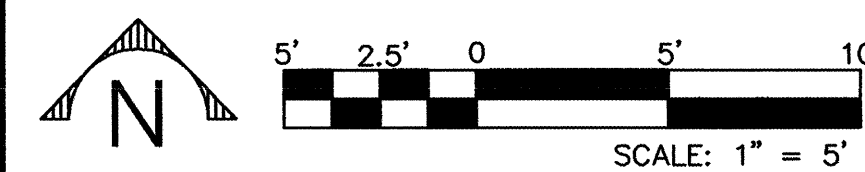
ALLEY "I" BELL SE (NORTHSIDE) BETWEEN ARNO SE AND EDITH SE

- KEYED NOTES:

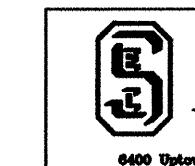
1. SEE SHEET 2 FOR GATE STRUCTURAL DETAILS
2. 4" GATE POST TO BE INSTALLED PER C.O.A. STD. DWG. 2251
3. SEE SHEET 8 FOR INDIVIDUAL GATE ARTISTIC PANEL DESIGN
4. CONSTRUCT CONCRETE SLAB AND POST FOUNDATION PER GATE DETAILS ON SHEET 2.
5. CONSTRUCT LATCH AND LOCK PER GATE DETAIL ON SHEET 2.
6. ALL DIMENSIONS SHOWN FROM STREET CURB & GUTTER SHALL BE FROM FACE OF CURB.
7. INSTALL DEAD END SIGNS PER DETAILS SHOWN ON SHEET 8
8. SAWCUT EXISTING ASPHALT PAVEMENT, AND CURB & GUTTER AS NEED TO CONSTRUCT GATE POST FOUNDATION AND CONCRETE SLAB. REMOVE AND DESPOSE OF ALL REMOVALS.
9. FOUNDATION & TOP OF CONCRETE SLAB ELEVATION TO MATCH EXISTING ASPHALT AND CONCRETE GRADE.

ENGINEERS' SEAL				SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
				FIELD NOTES		SEE SHEET 2 FOR SURVEY CONTROL			
				NO.	BY	DATE			
					STEPHEN JAMES TOLER				WORK STARTED BY
					FROM SURVEY CONTROL INC.				DATE
									ACCEPTANCE BY
									DATE
									DRAWING VERIFICATION BY
									DATE
									<b>MICRO-FILM INFORMATION</b>
									RECORDED BY
									DATE
									NO.

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CITY OF ALBUQUERQUE  
CAPITAL IMPLEMENTATION PROGRAM  
FAMILY AND COMMUNITY SERVICES

TITLE:	GATE ARTS PROGRAM/ALLEY CLOSURE PLAN OF ALLEY AND GATES F-G-H-I
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Design Review Committee  
**APPROVE**  
**SEP 20 2000**  
CITY ENGINEER

City Engineer Approval

APPROVED

SEP 20 2000

DESIGN REVIEW COMMITTEE

## Last Design Update

City Project No. \_\_\_\_\_

635091

Zone Map No.  
L-14-Z, K-14-Z

-7-

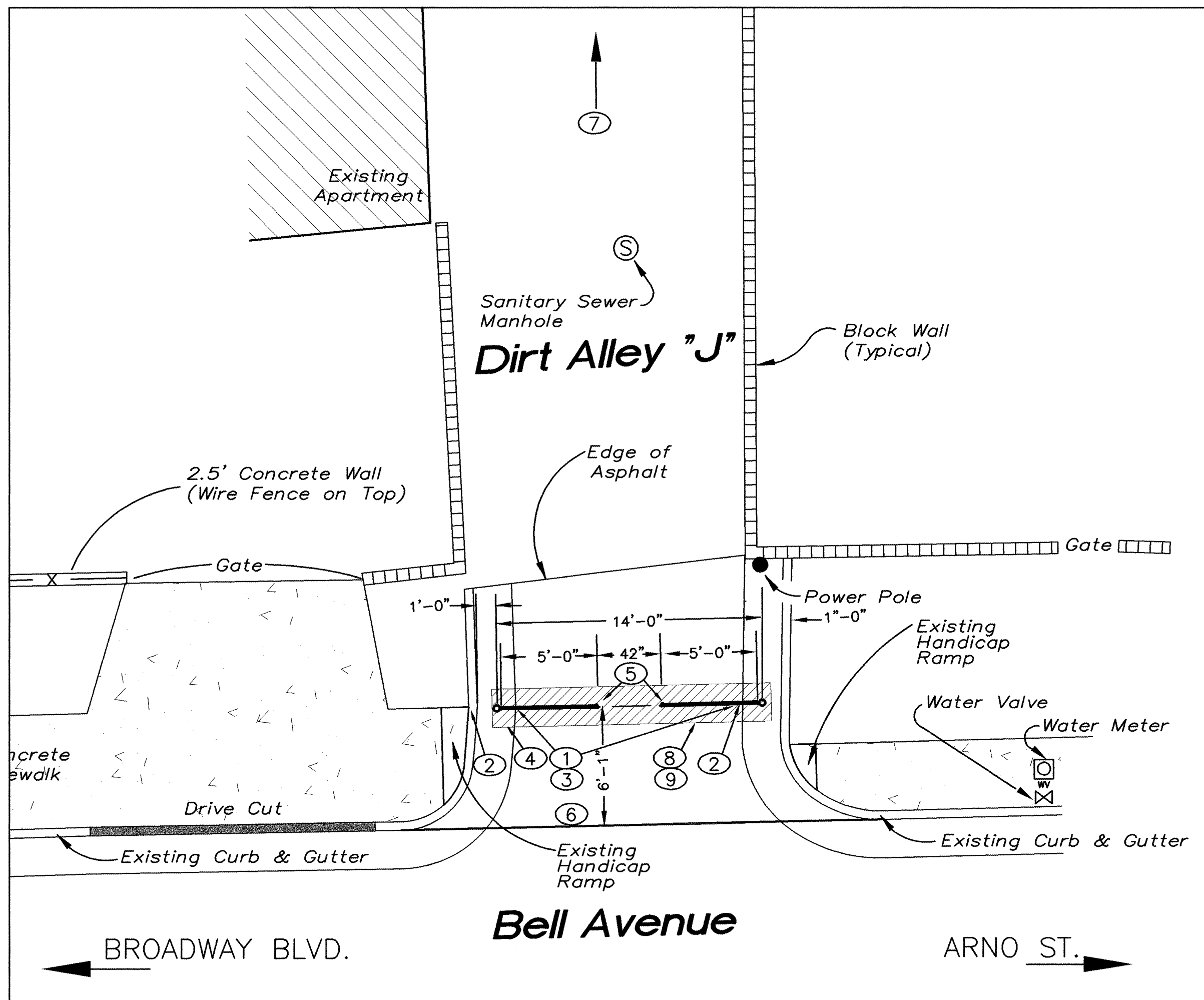
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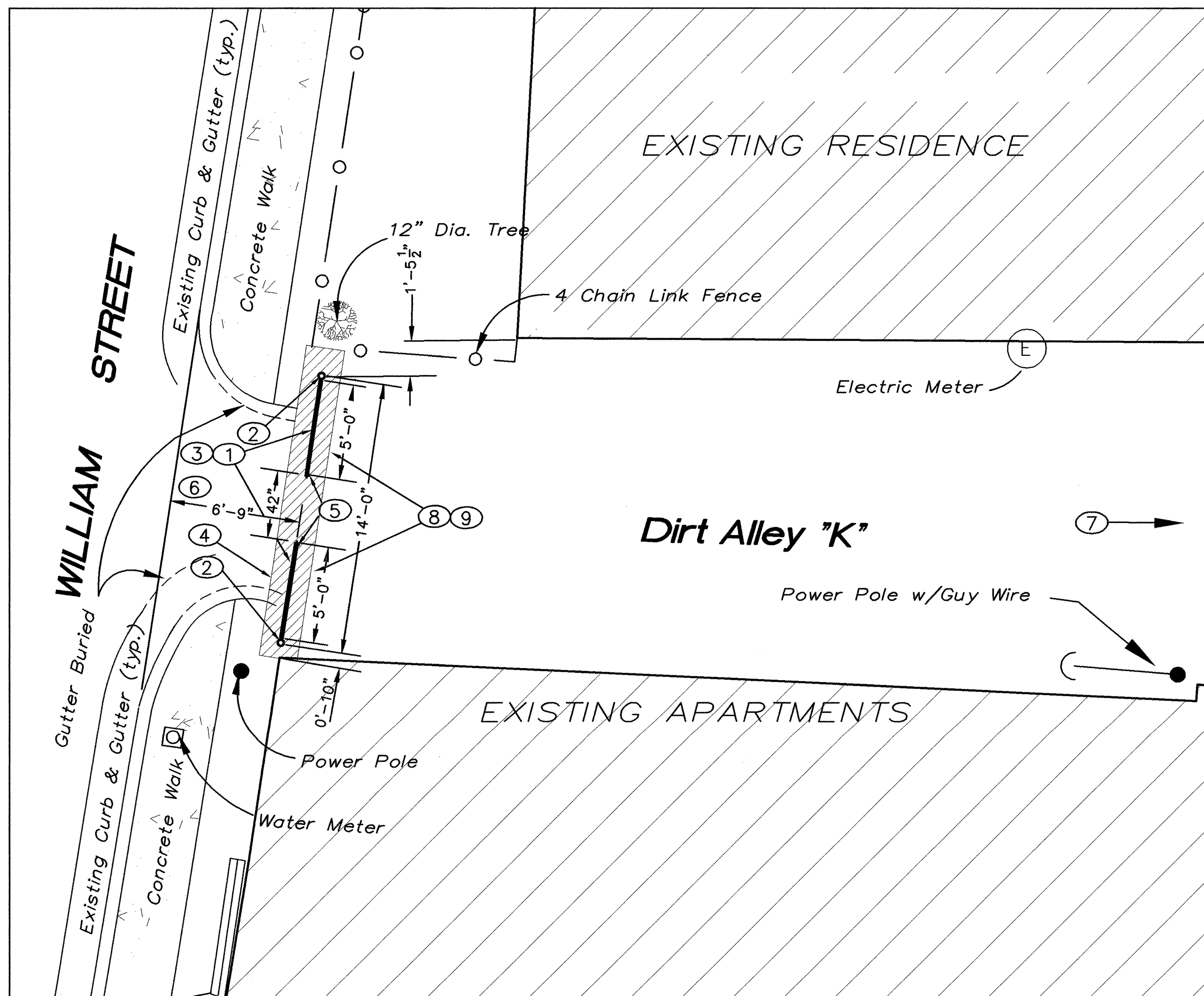
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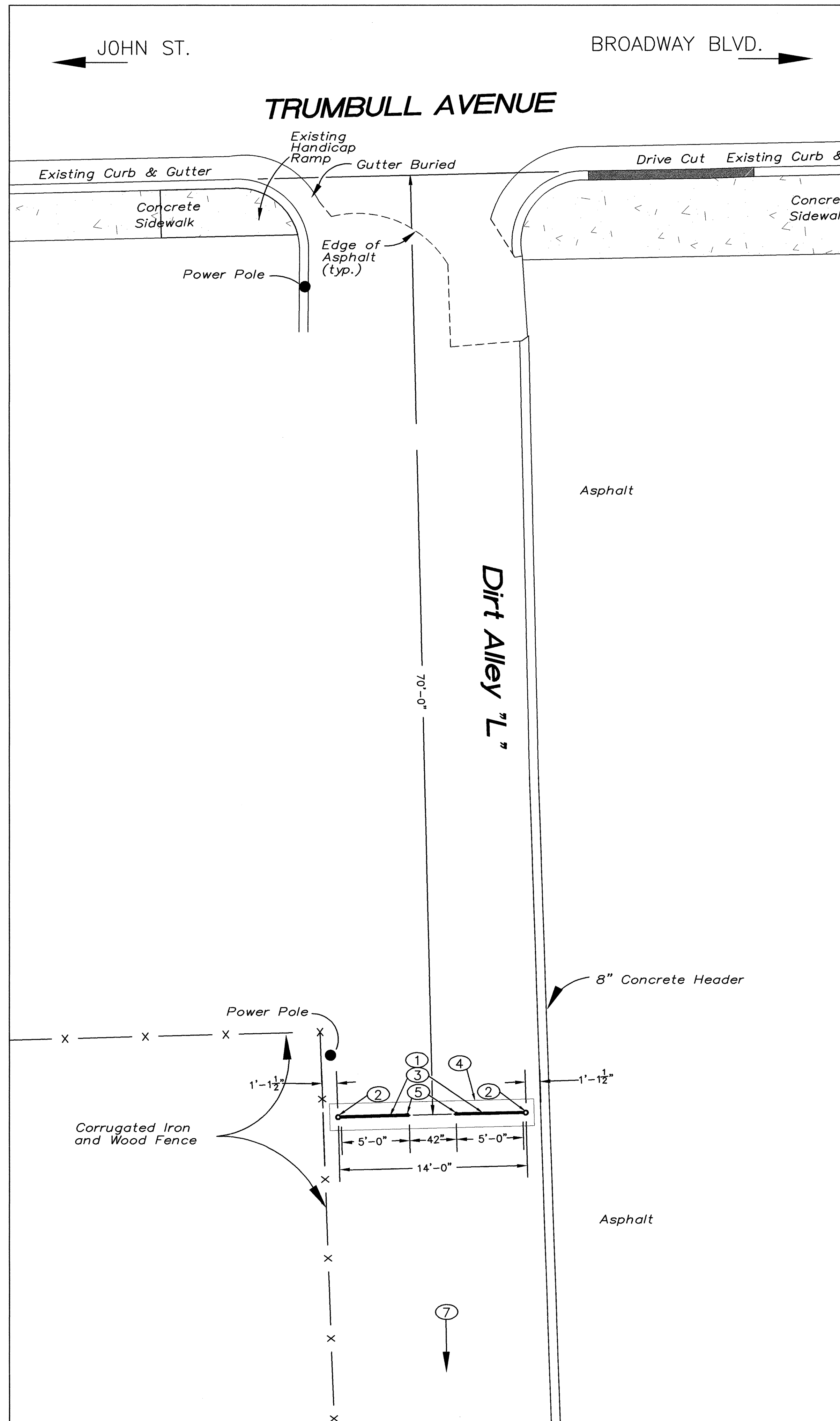




ALLEY 'J' BELL SE (NORTHSIDE) BETWEEN BROADWAY SE AND ARNO SE



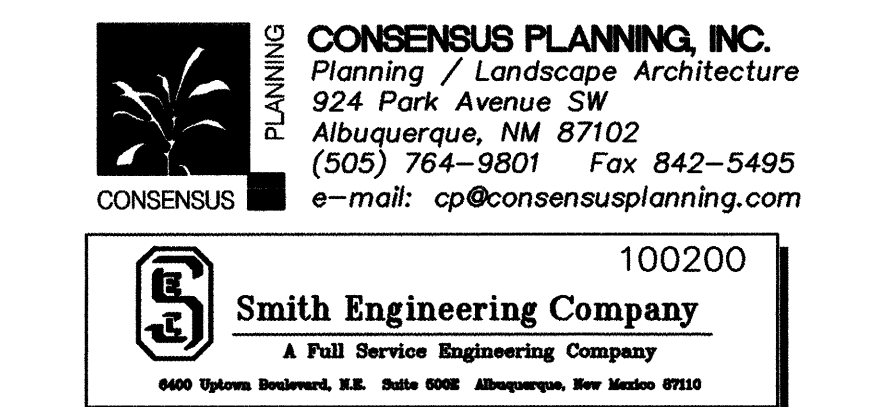
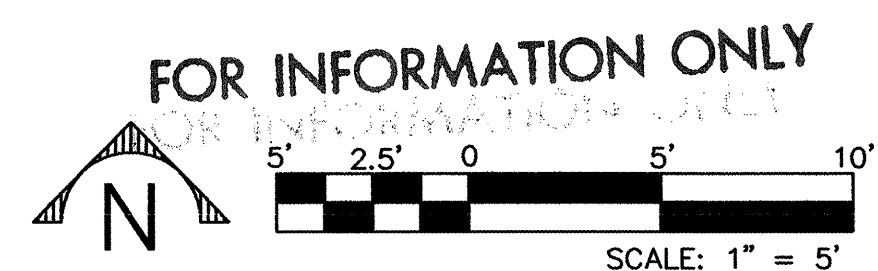
ALLEY 'K' EASTSIDE OF WILLIAM SE, JUST SOUTH OF 1600 WILLIAM SE



ALLEY 'L' SOUTHSIDE OF TRUMBULL SE, BETWEEN BROADWAY SE AND JOHN SE

**KEYED NOTES:**

- SEE SHEET 2 FOR GATE STRUCTURAL DETAILS
- 4" GATE POST TO BE INSTALLED PER C.O.A. STD. DWG. 2251
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**CITY OF ALBUQUERQUE**  
CAPITAL IMPLEMENTATION PROGRAM  
FAMILY AND COMMUNITY SERVICES

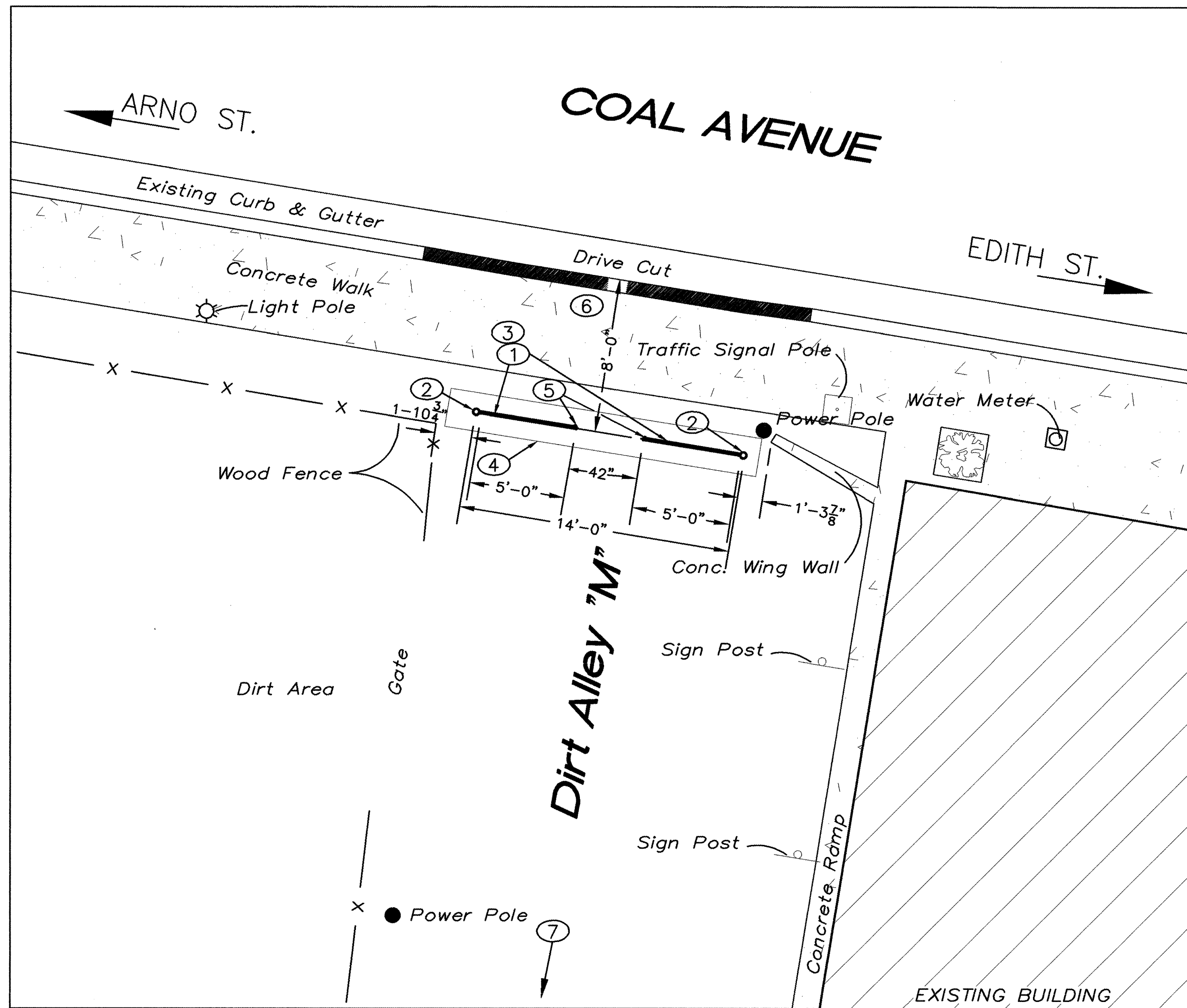
**TITLE:** GATE ARTS PROGRAM/ALLEY CLOSURE  
PLAN OF ALLEY AND GATES J-K-L

Design Review Committee	City Engineer Approval	Mo. / Day / Yr.	Mo. / Day / Yr.
APPROVE SEP 20 2000 DESIGN REVIEW COMMITTEE	APPROVE SEP 20 2000 CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of
635091	L-14-Z, K-14-Z	7	11

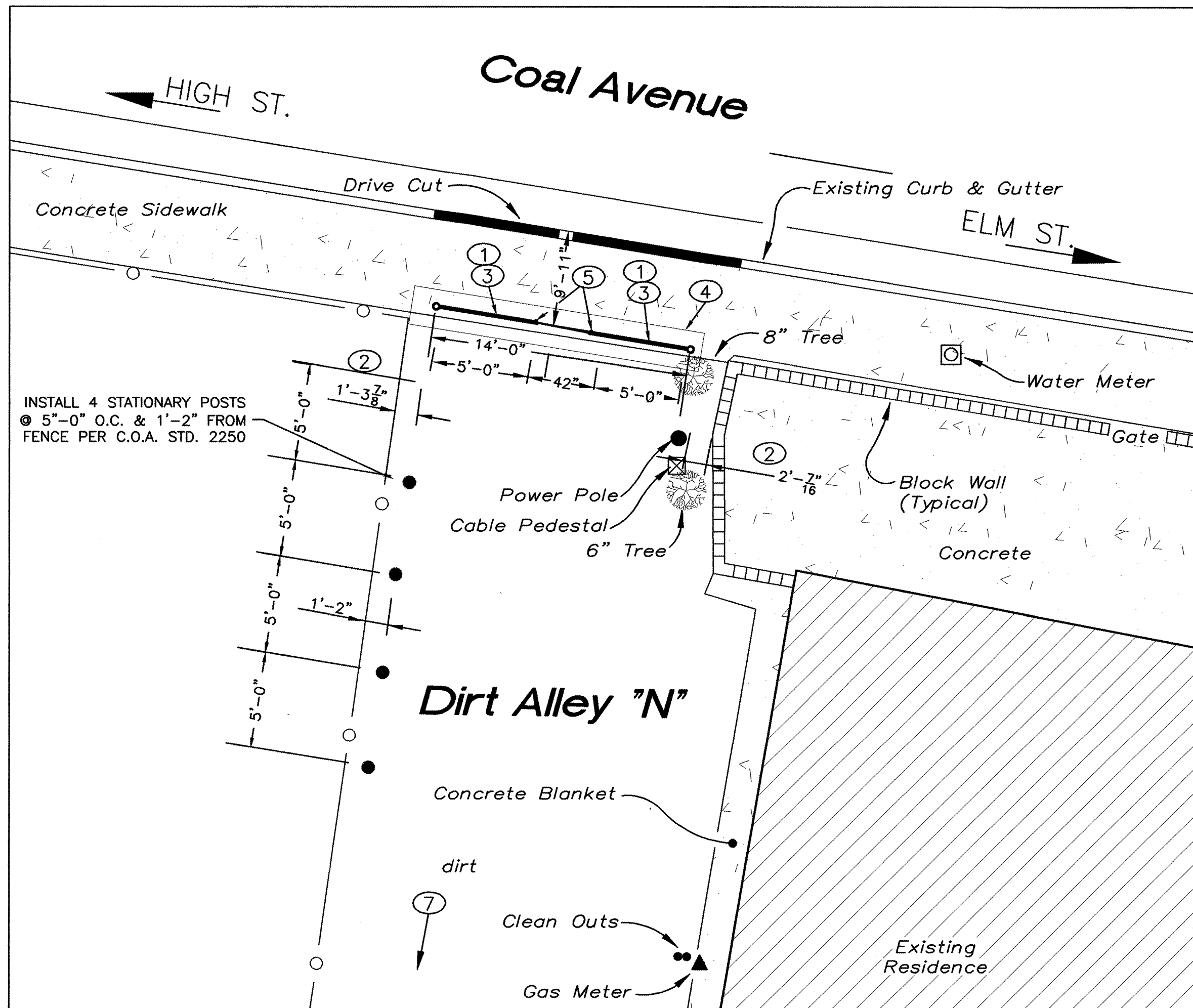
AS BUILT INFORMATION			
CONTRACTOR	DATE	NO.	DATE
INSPECTOR'S	DATE	NO.	DATE
FIELD	DATE	NO.	DATE
VERIFICATION BY	DATE	NO.	DATE
CORRECTED BY	DATE	NO.	DATE
MICRO-FILM INFORMATION			
RECORDED BY	DATE	NO.	DATE
NO.	DATE	NO.	DATE

BENCH MARKS		SURVEY INFORMATION	
SEE SHEET 2 FOR SURVEY CONTROL	DATE	FIELD NOTES	BY
STEPHEN JAMES TOLER	DATE	FROM SURVEY CONTROL INC.	DATE
NO.	DATE	NO.	DATE

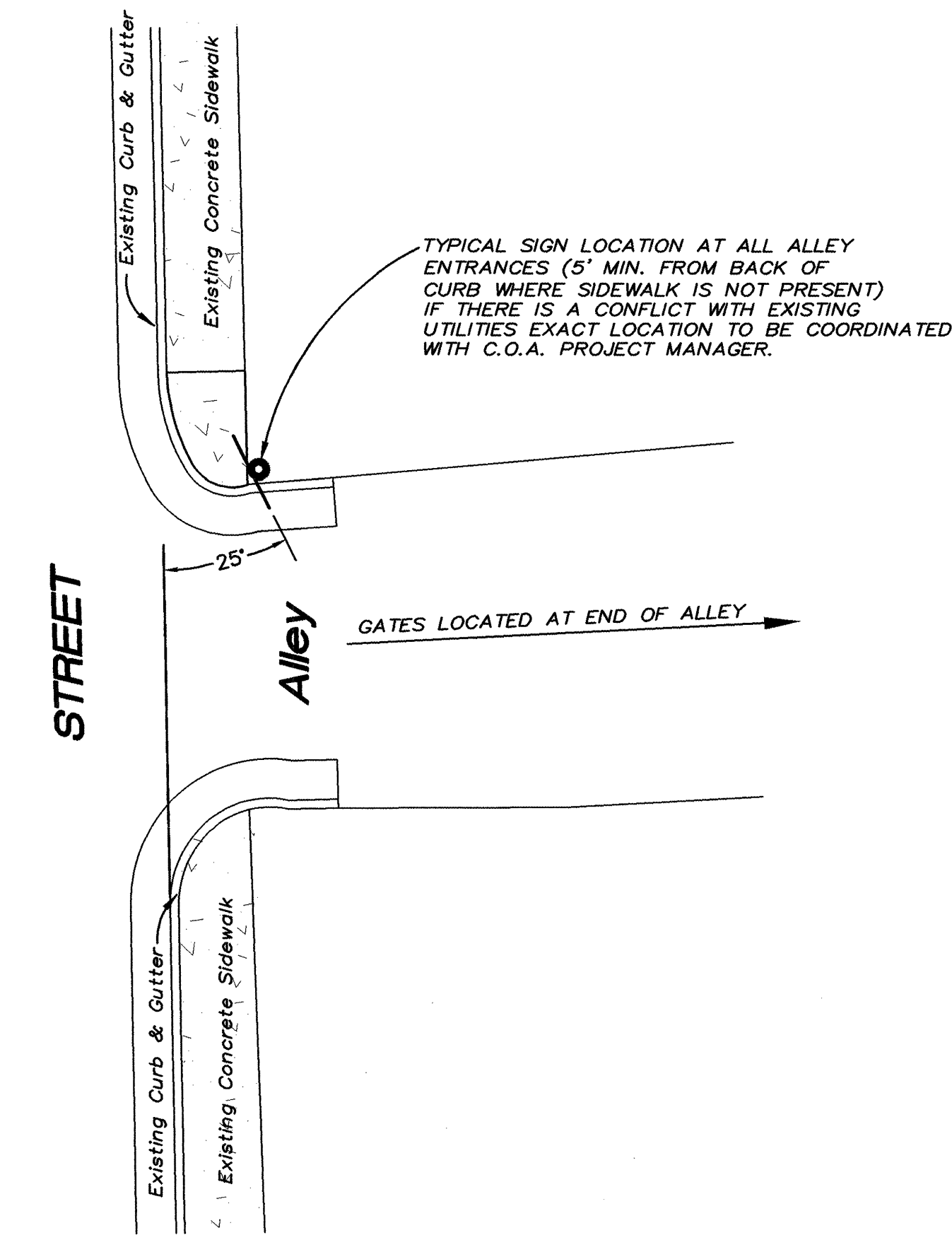
ENGINEERS SEAL		REVISIONS	
PRINCE & COMPANY	DATE	NO.	DATE
NEW MEXICO	DATE	NO.	DATE
REGISTERED PROFESSIONAL ENGINEER	DATE	NO.	DATE
6/5/00	DATE	NO.	DATE



ALLEY 'M' SOUTH SIDE OF COAL SE BETWEEN ARNO SE AND EDITH SE



ALLEY 'N' SOUTH SIDE OF COAL SE BETWEEN HIGH SE AND ELM SE

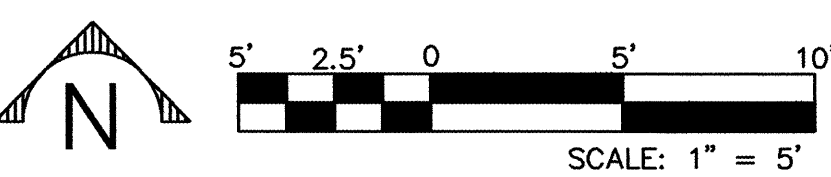


ALLEY SIGN LOCATION

KEYED NOTES:

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CITY OF ALBUQUERQUE  
CAPITAL IMPLEMENTATION PROGRAM  
FAMILY AND COMMUNITY SERVICES

TITLE: GATE ARTS PROGRAM/ALLEY CLOSURE  
PLAN OF ALLEY AND GATES M-N

Design Review Committee  
APPROVE  
SEP 20 2000  
DESIGN REVIEW COMMITTEE

City Engineer Approval  
APPROVE  
SEP 20 2000  
CITY ENGINEER

Last Design Update

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEERS' SEAL	
CONTRACTOR	DATE	SEE SHEET 2 FOR SURVEY CONTROL	NO.	FIELD NOTES BY	DATE	REVIEWED BY	DATE
INSPECTOR'S SIGNATURE	DATE			STEPHEN JAMES TOLER		REVIEWED BY	DATE
FIELD VERIFICATION BY	DATE			FROM SURVEY CONTROL, INC.		REGISTERED PROFESSIONAL ENGINEER	DATE
CORRECTED BY	DATE						DATE
MICRO-FILM INFORMATION	DATE						DATE
RECORDED BY	DATE						DATE
NO.							

NO.	DATE	REMARKS	BY
		DESIGN	
DESIGNED BY	JAB	DATE JUN 2000	
DRAWN BY	MDM	DATE JUN 2000	
CHECKED BY	JAB	DATE JUN 2000	







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 SEPARATE 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 TRAVELLED 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:

- STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
- THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
- 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.

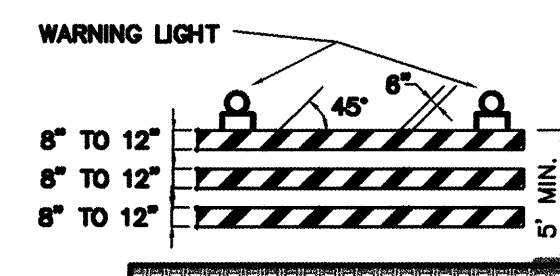
24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

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

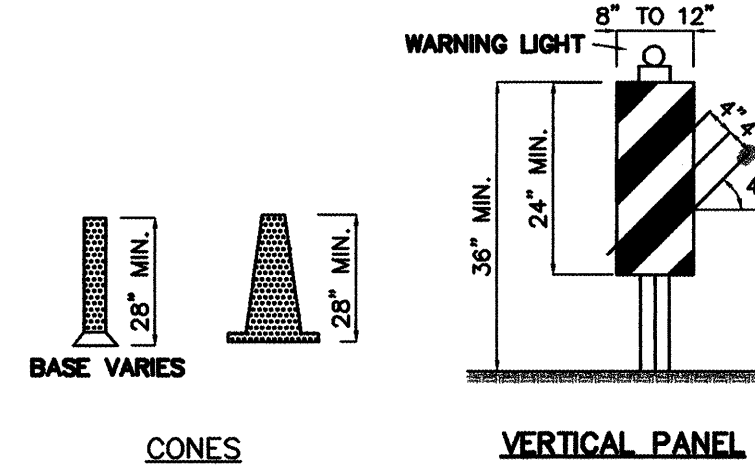
26. ADVANCE WARNING SIGNS SHALL BE 36"x36" WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48-INCH SIGN AS INDICATED IN THE MUTCD.

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

28. END OF ROADWAY MARKER, NINE BUTTON , RED ON BLACK.



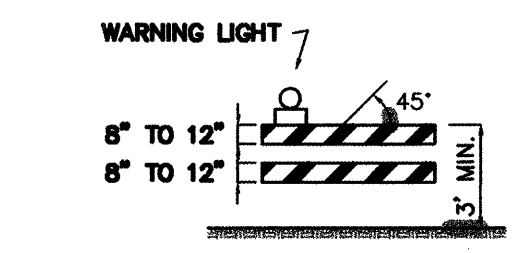
TYPE III BARRICADE



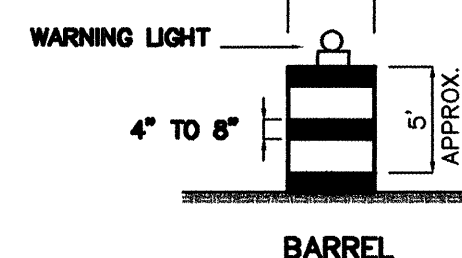
CONES

VERTICAL PANEL

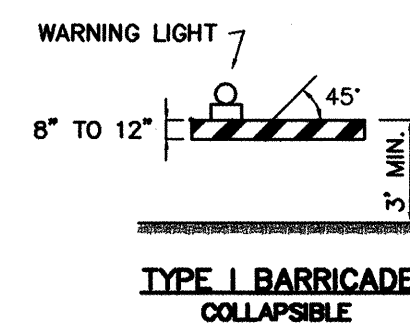
HIGH LEVEL WARNING DEVICE



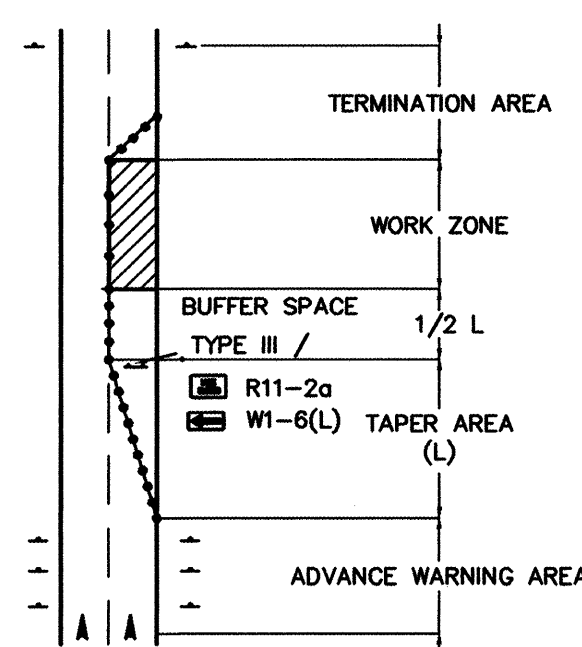
TYPE II BARRICADE COLLAPSIBLE



BARREL



TYPE I BARRICADE COLLAPSIBLE



TRAFFIC CONTROL ELEMENTS

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 SPEED LIMIT OF THE STREET
- TAPER LENGTH - SEE CHART BELOW
- THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENTS

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 MILES PER HOUR	MINIMUM DISTANCE IN FEET	
	BETWEEN SIGNS	FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

TAPER CRITERIA

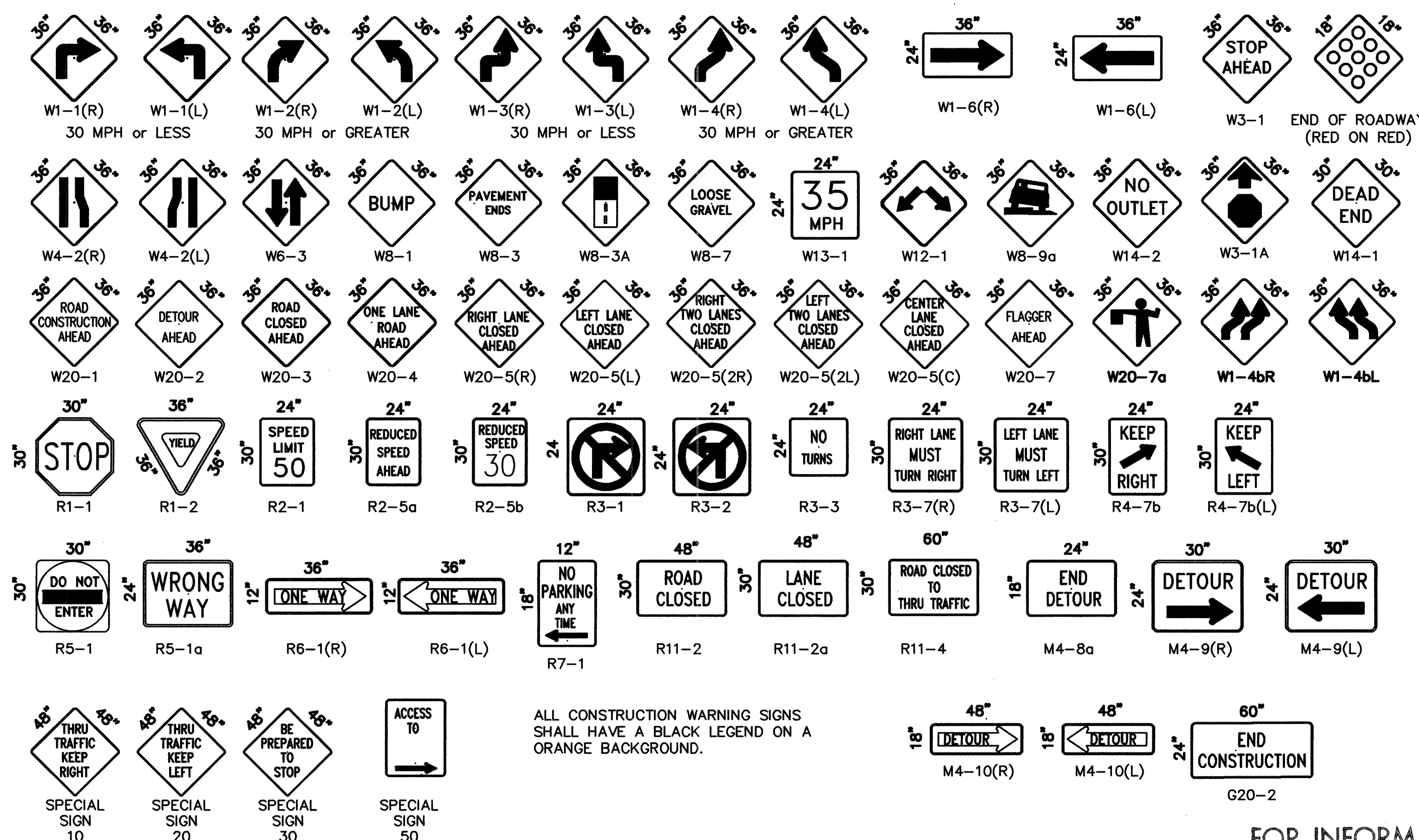
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	L
40 MPH OR LESS	$L = \frac{WS^2}{60}$
45 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

SIGN FACE DETAILS

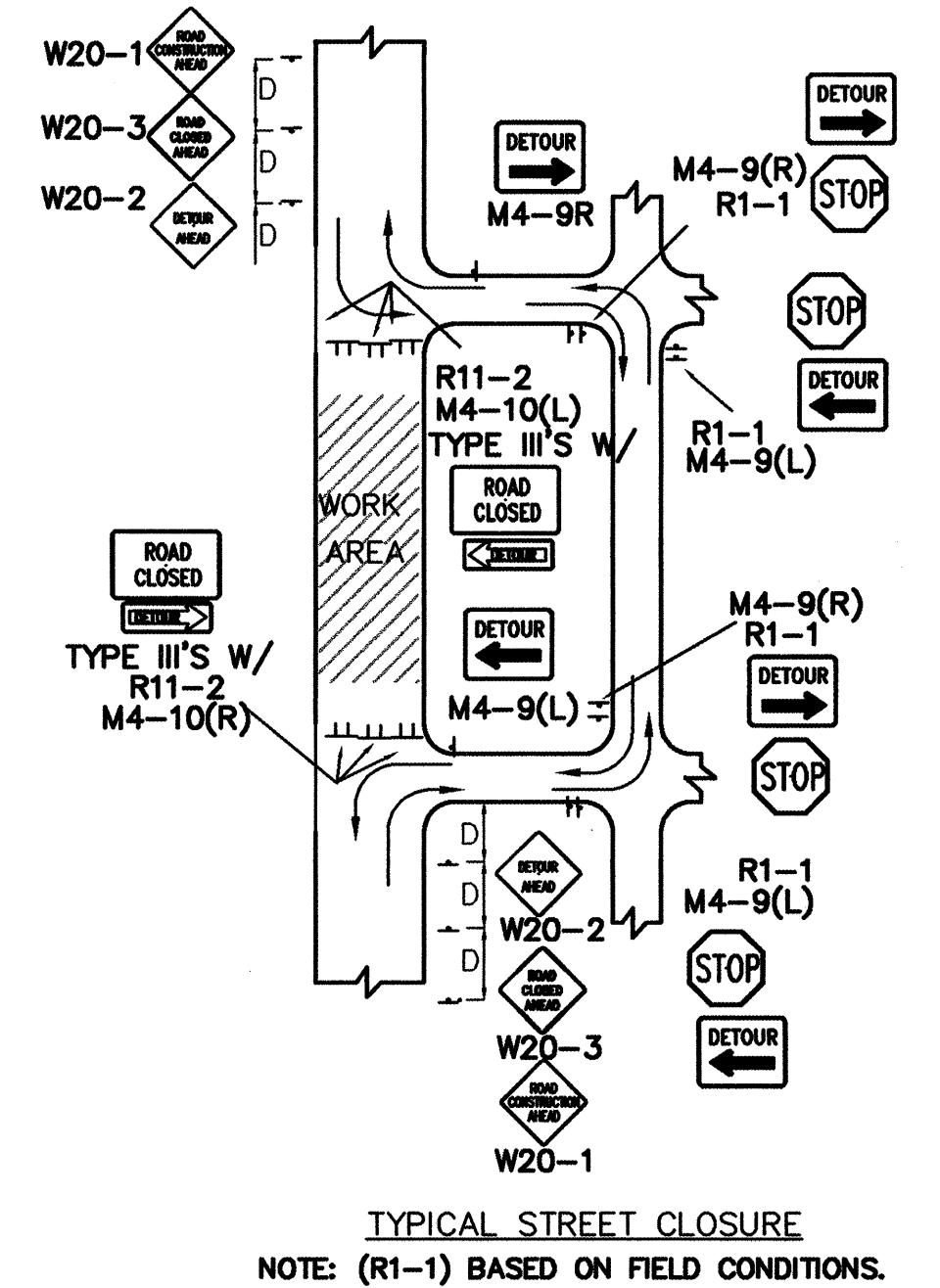
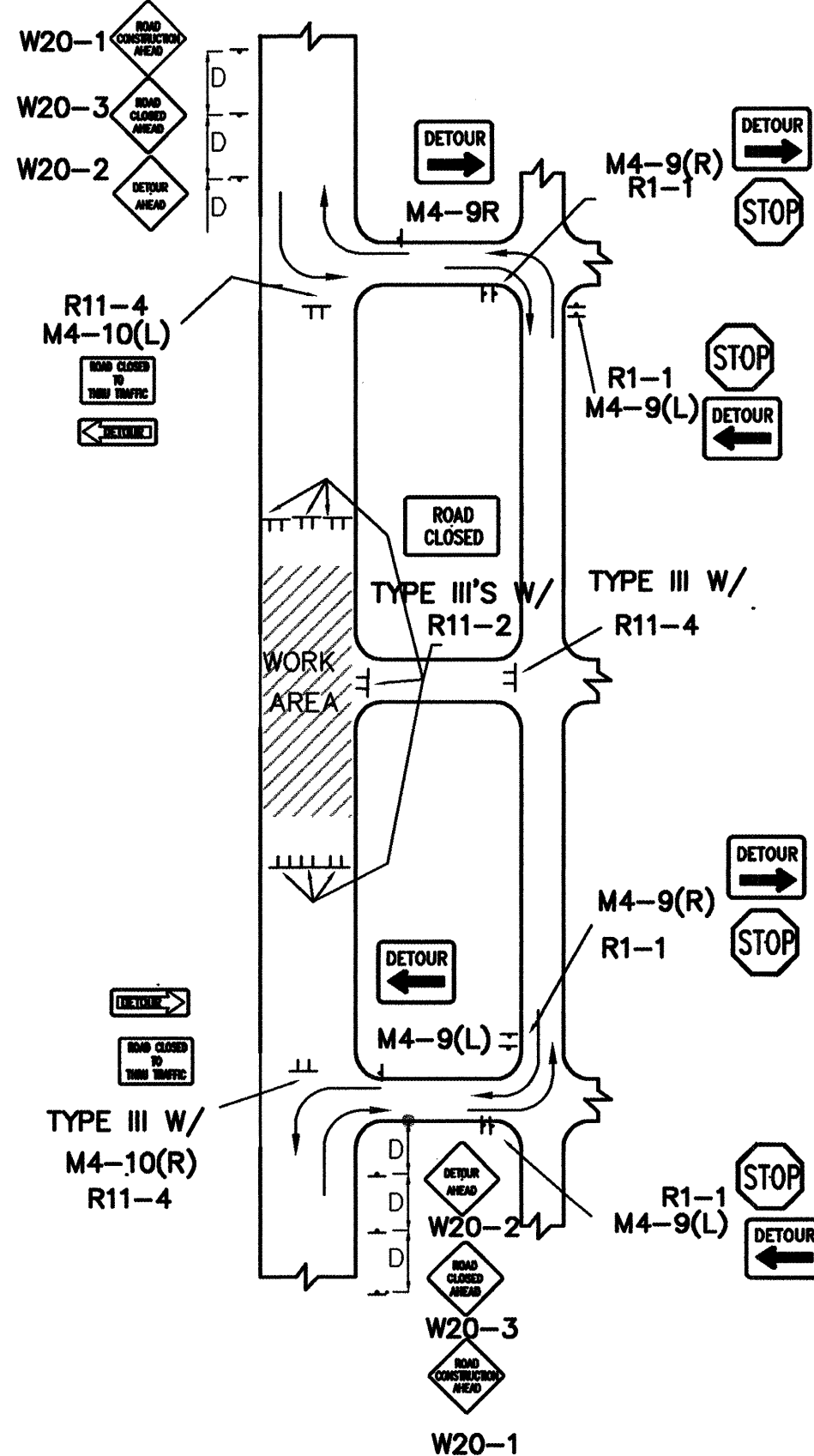
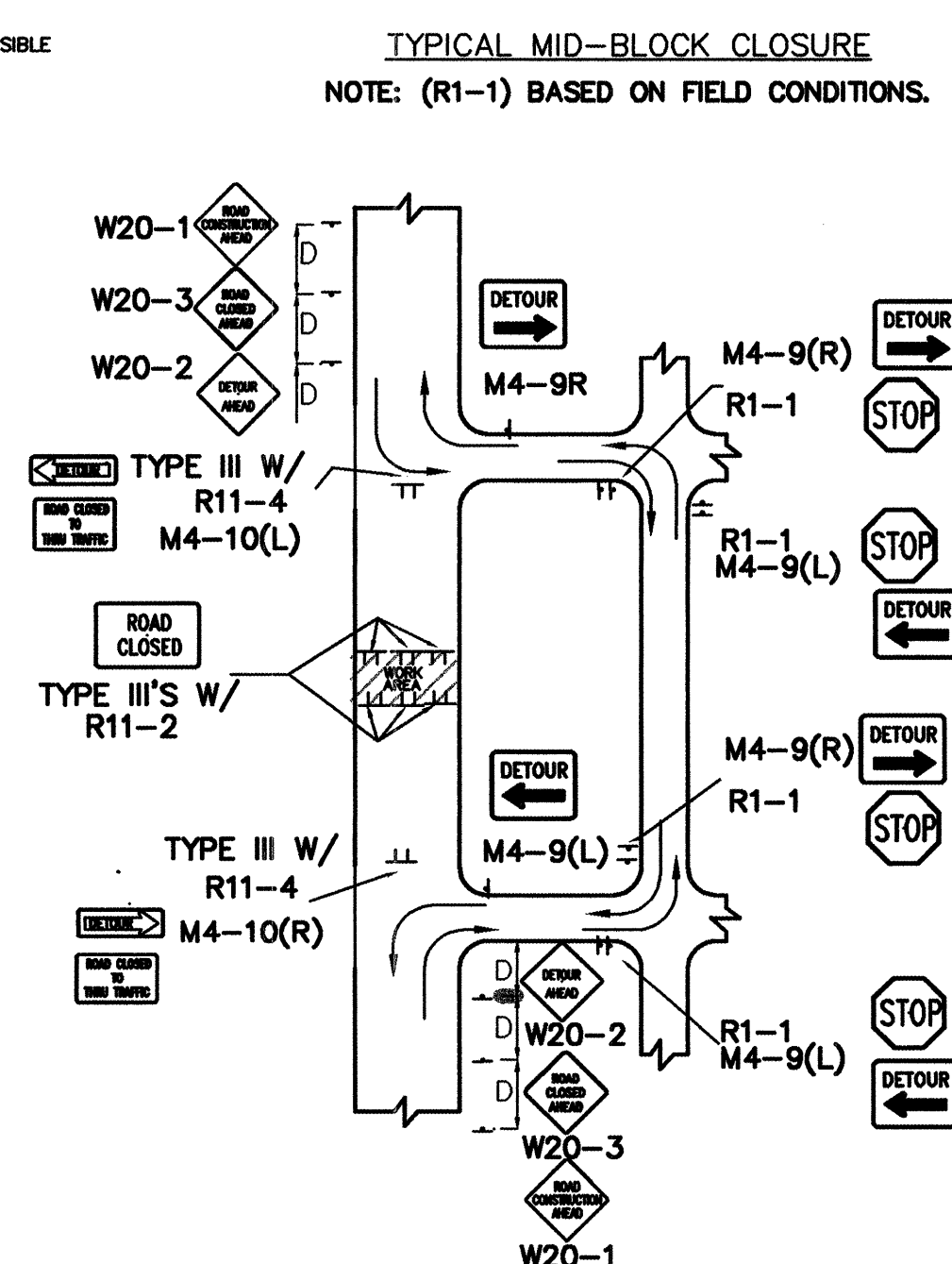
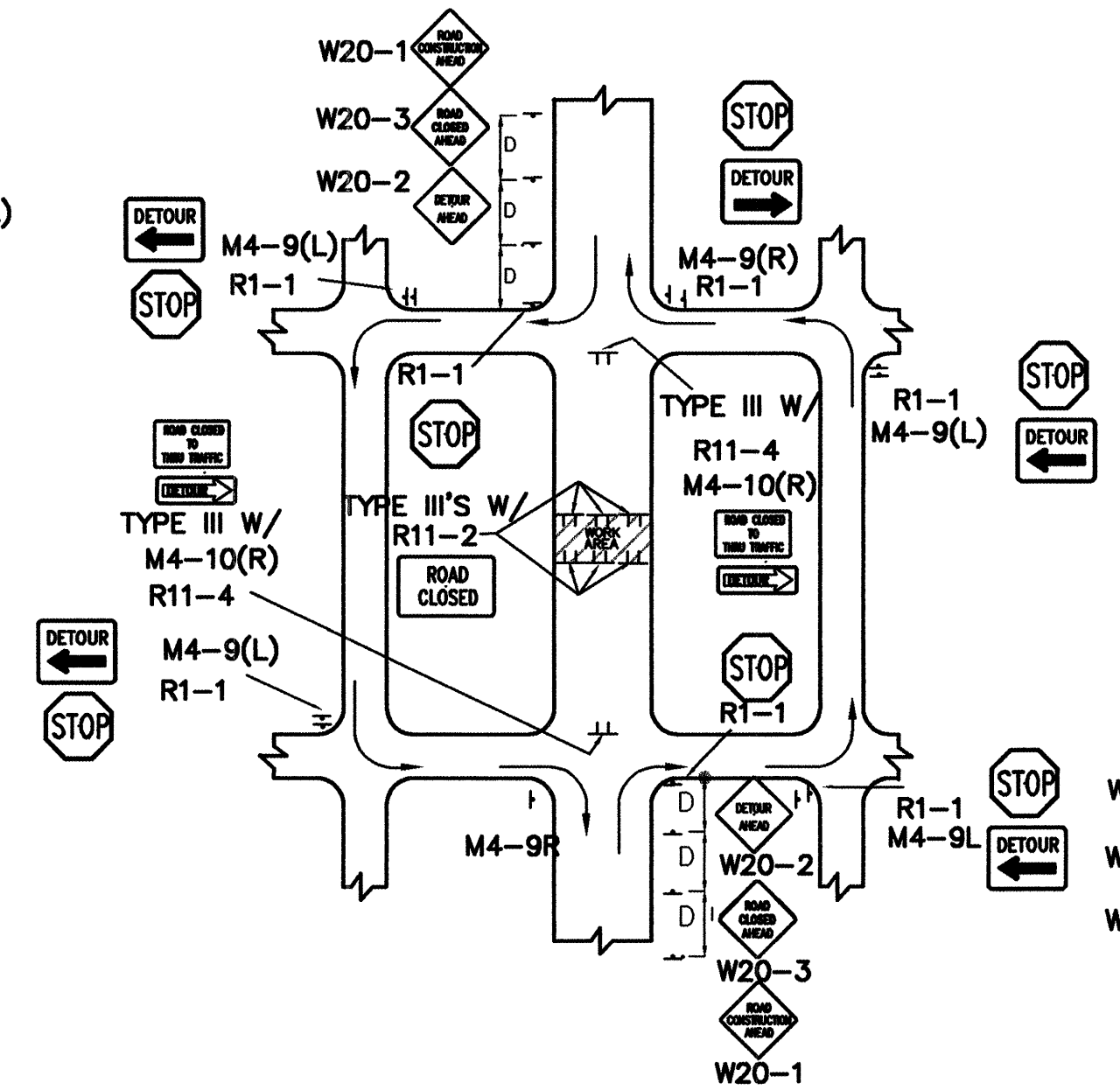
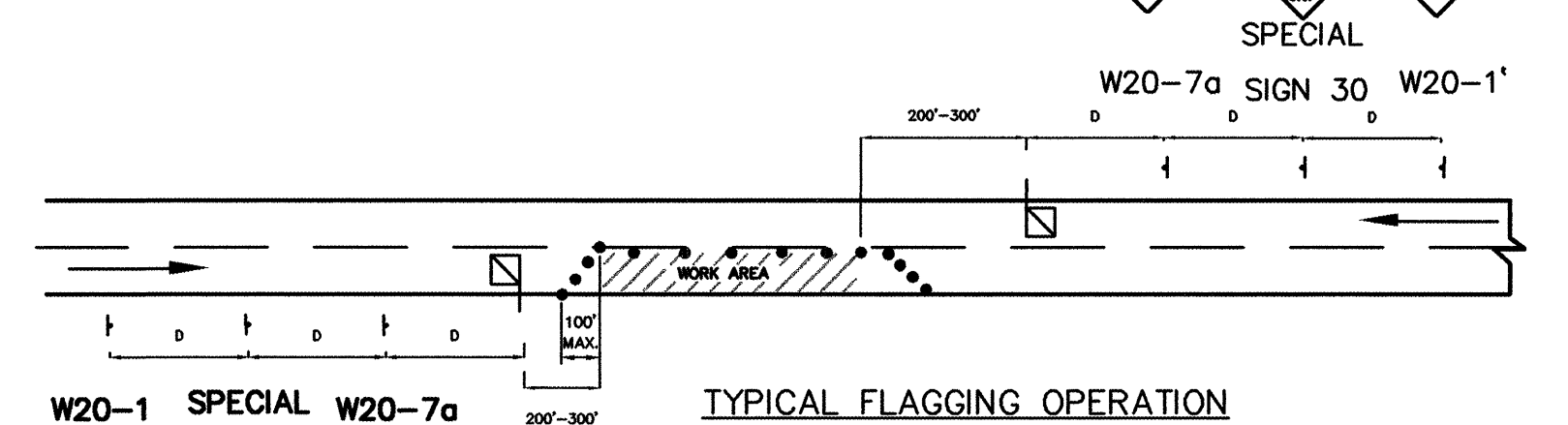
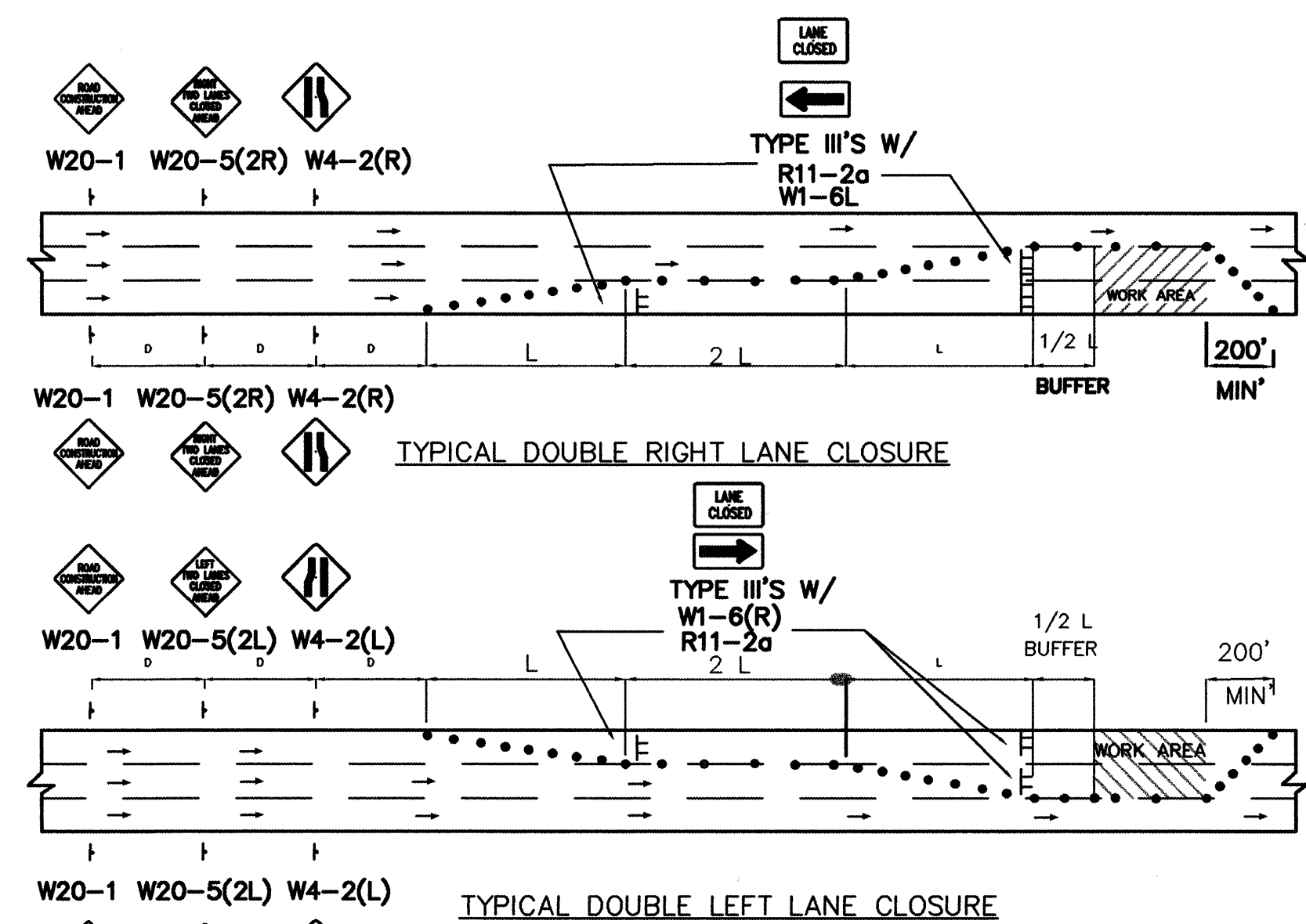
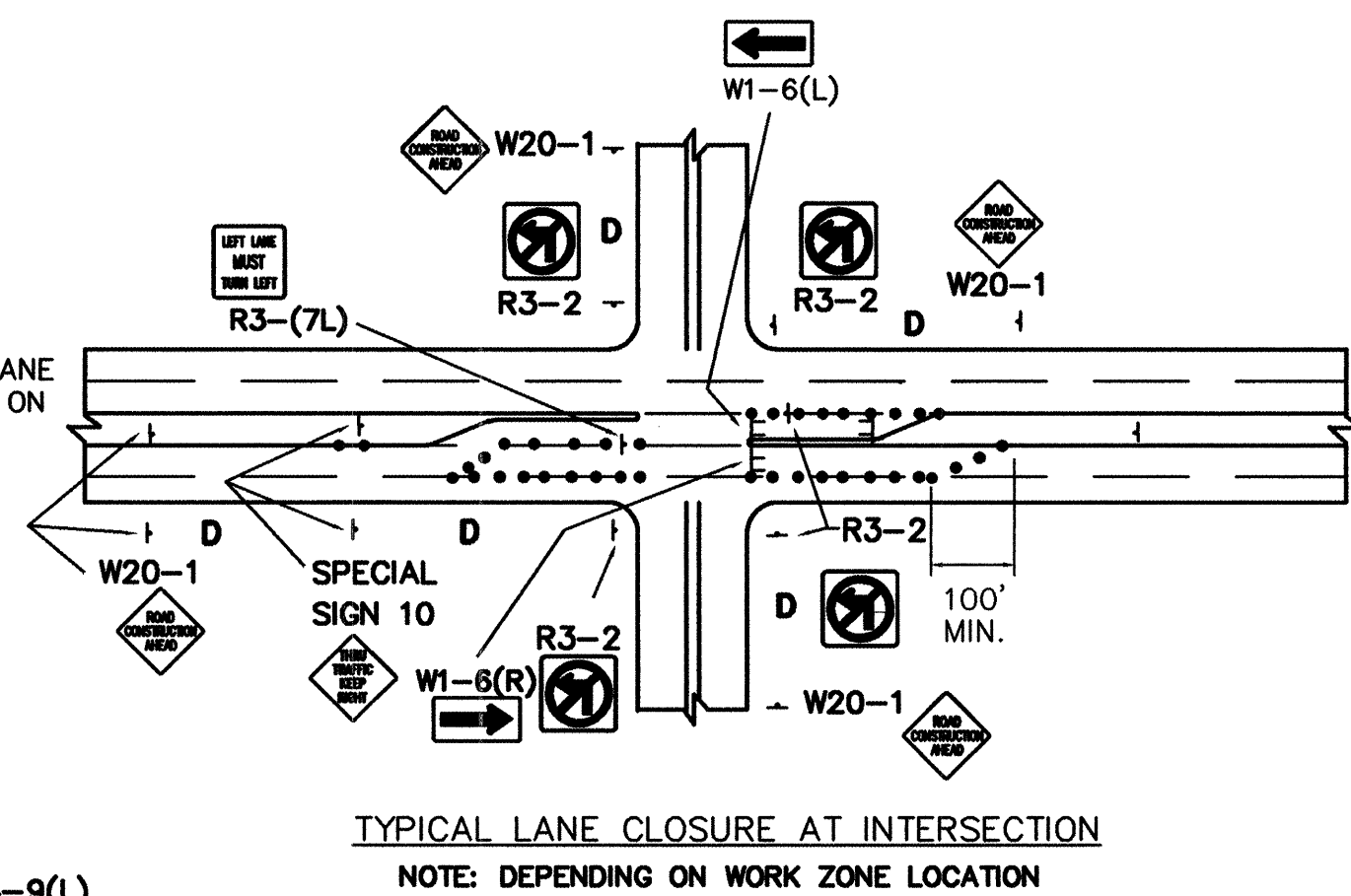
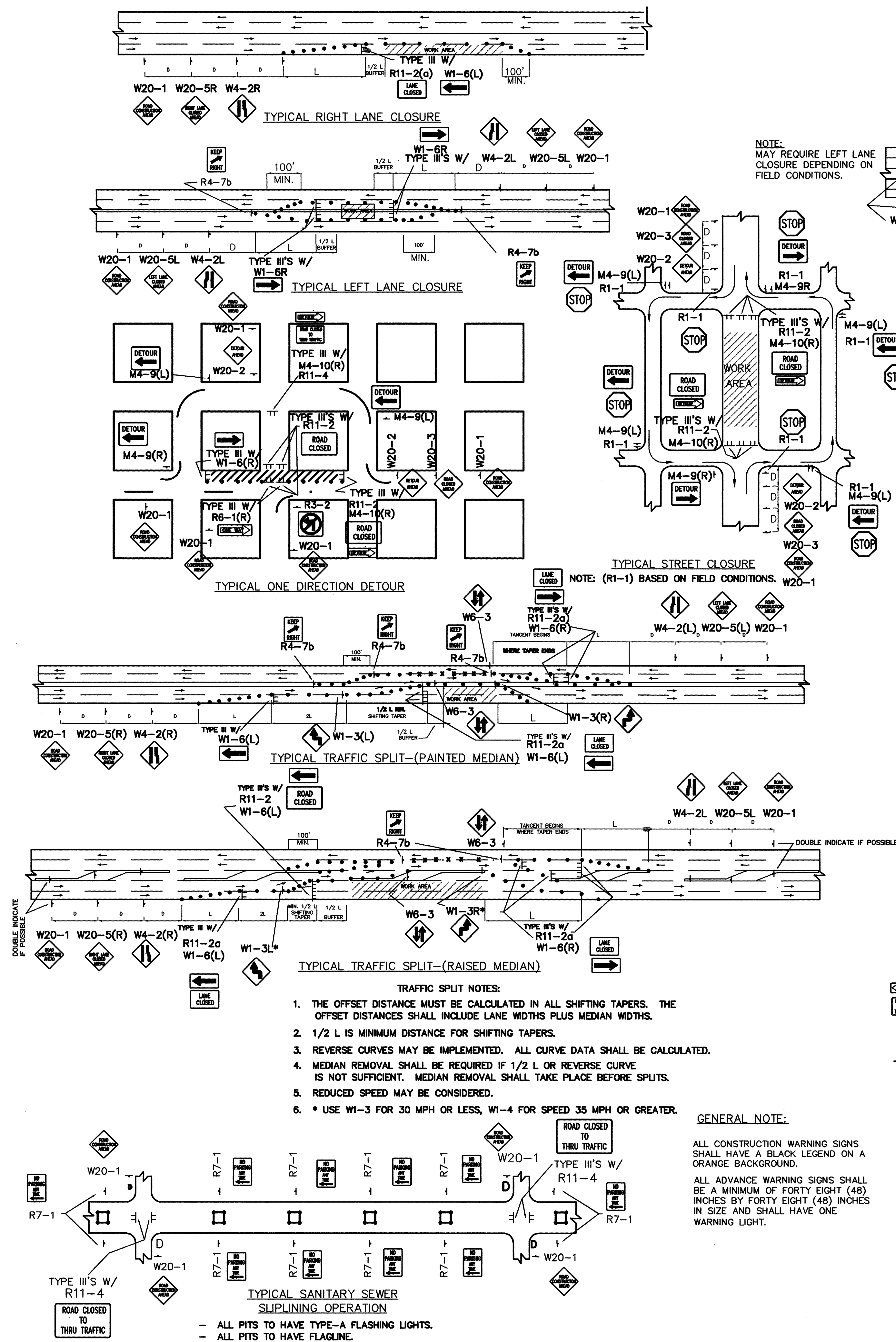


ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

FOR INFORMATION ONLY

AS-BUILT INFORMATION	
CONTRACTOR	DATE
STARTED BY	DATE
INSPECTOR'S FIELD VERIFICATION BY	DATE
CONTRACTOR'S CORRECTIONS BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	
BENCH MARKS	
SEE SHEET 2 FOR SURVEY CONTROL	
SURVEY INFORMATION	
FIELD NOTES	DATE
NO.	BY
STEPHEN JAMES TOLER	
FROM SURVEY CONTROL INC.	
ENGINEER'S SEAL	
DATE JUN 2000	
DATE JUN 2000	
DATE JUN 2000	
REMARKS	
DESIGN	
NO. DATE	
DESIGNED BY JAB	
CHECKED BY JAB	
CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM FAMILY AND COMMUNITY SERVICES	
TITLE: GATE ARTS PROGRAM/ALLEY CLOSURE	
SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS	
Design Review Committee	City Engineer Approval
City Project No. 635091	Zone Map No. L-14-Z, K-14-Z
Sheet 10	11



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