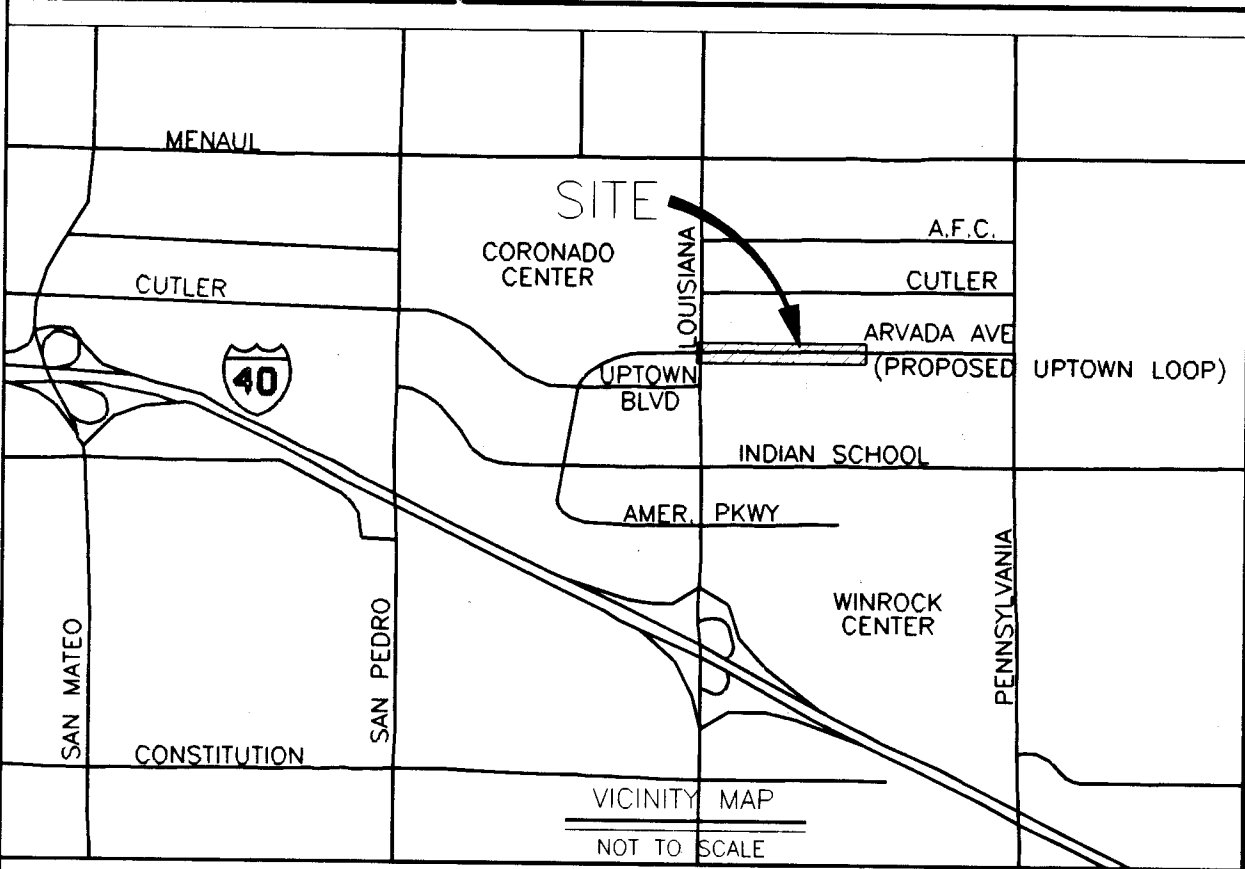


PUBLIC INFRASTRUCTURE
CONSTRUCTION PLANS FOR
ARVADA AVENUE
EAST OF LOUISIANA BLVD.

PUBLIC WORK ORDER PLANS
INDEX

SHEET	DESCRIPTION
1	TITLE SHEET
2	PLAT
3	ARVADA AVENUE - PAVING PLAN & PROFILE
4	ARVADA AVENUE - UTILITIES PLAN & PROFILE
5	STRIPING PLAN & INTERSECTION PLAN
6	MISCELLANEOUS DETAILS
7	TRAFFIC SIGNAL LOOP DETECTOR DETAILS



- ZONE ATLAS SHT. H-19
NOTICE TO CONTRACTORS
1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AND SHALL INCLUDE UPDATE No.6
 2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
 3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
 4. THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADING ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
 5. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN WITH NEW REFLECTIVE MARKINGS BY CONTRACTOR TO LOCATION EXISTING OR AS INDICATED BY THIS PLAN SET.
 6. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THE PROJECT LIMITS NOT SHOWN ON THE PLANS THAT IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT DESIGNER'S EXPENSE.
 7. ANY WORK WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
- THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED
- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
 - ☐ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
 - ☒ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
 - ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
 - ☐ IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
 - ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
 - ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

SCANNED BY
BY LASON

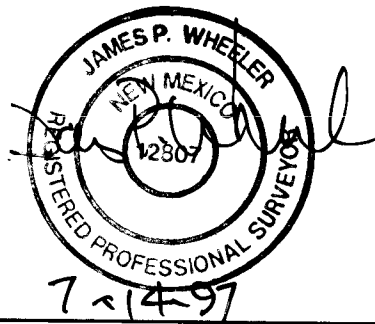
PLANS APPROVED UNDER CITY PROJECT No 5536 81
WORK WILL BE BUILT UNDER CITY PROJECT No 5457 81

RECORD DRAWING
DATE: 6-18-97

APPROVAL OF AS BUILT DRAWINGS
DATE 7-22-97

DRB #96-158

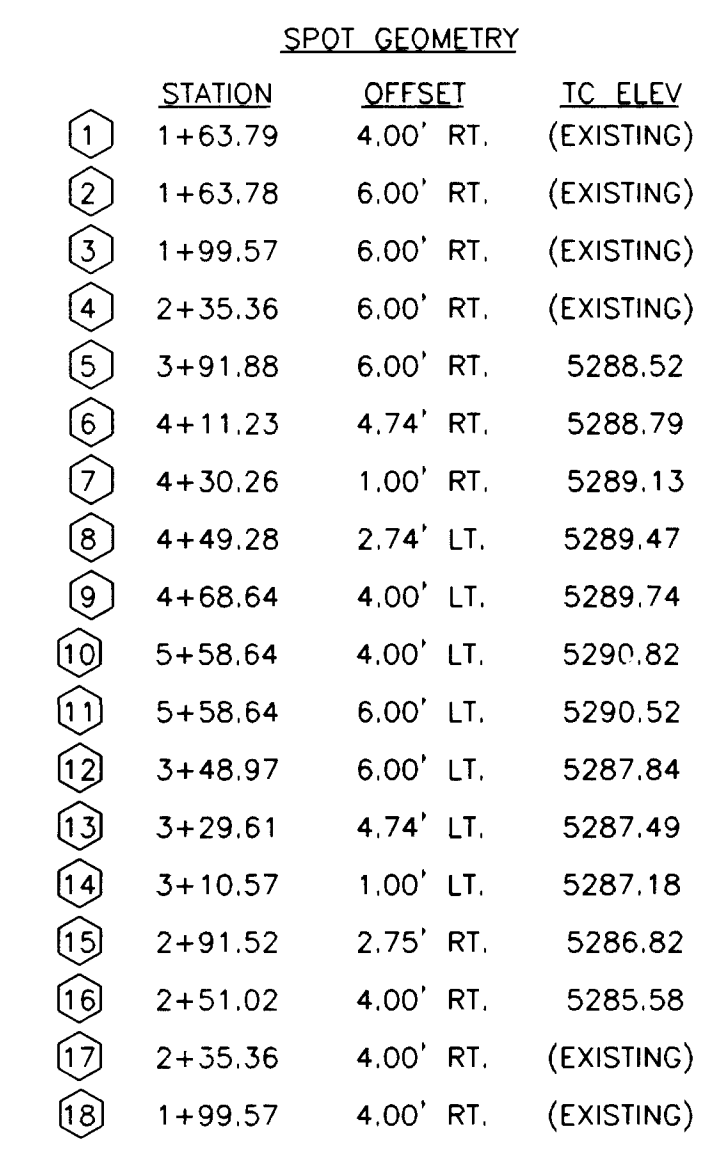
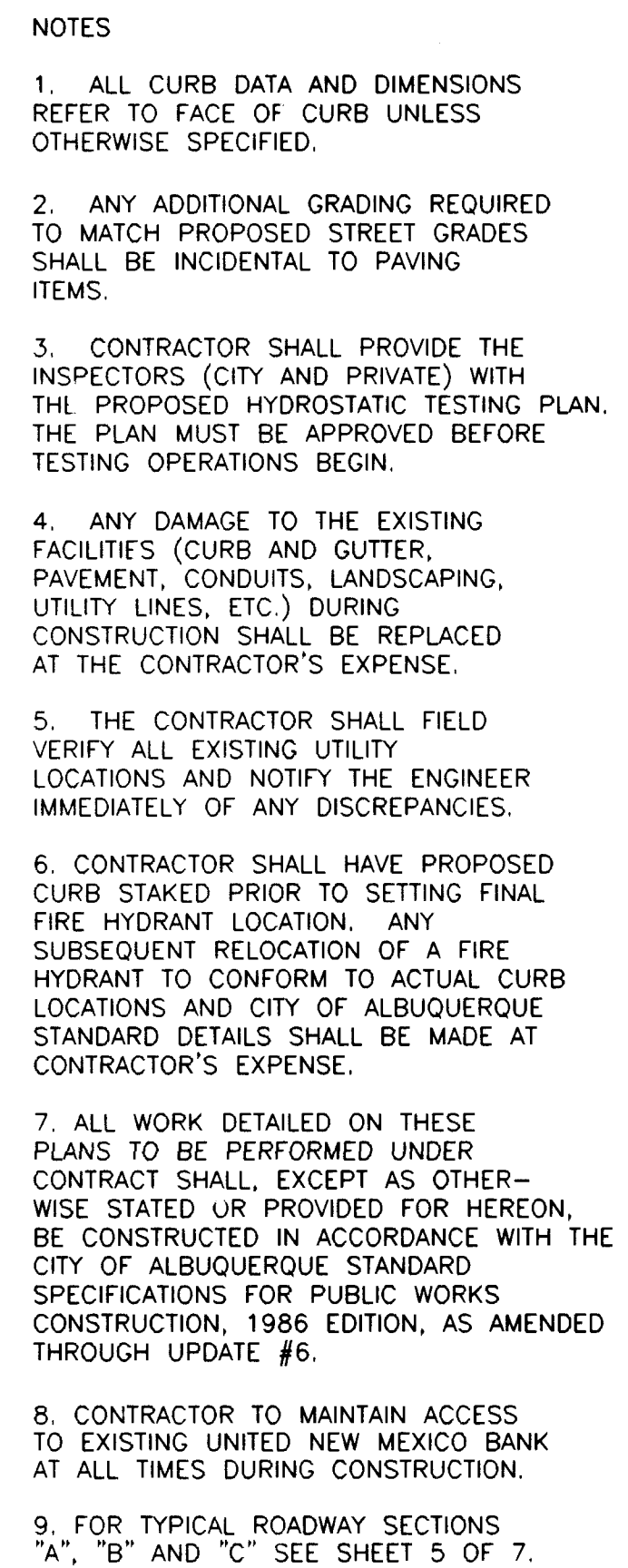
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REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		DRC Chairman		11-27-96		APPROVED FOR CONSTRUCTION	
		Transportation		11-27-96			
		Water/Wastewater		11-27-96			
		Hydrology		11-27-96			
		Parks		11-27-96			
		Const. Mngmt.				City Engineer	
		NMUI				Date	
CITY PROJECT NO.				SHEET			
5536.81 5457 81				1 OF 7			

26-5457.81 10/97

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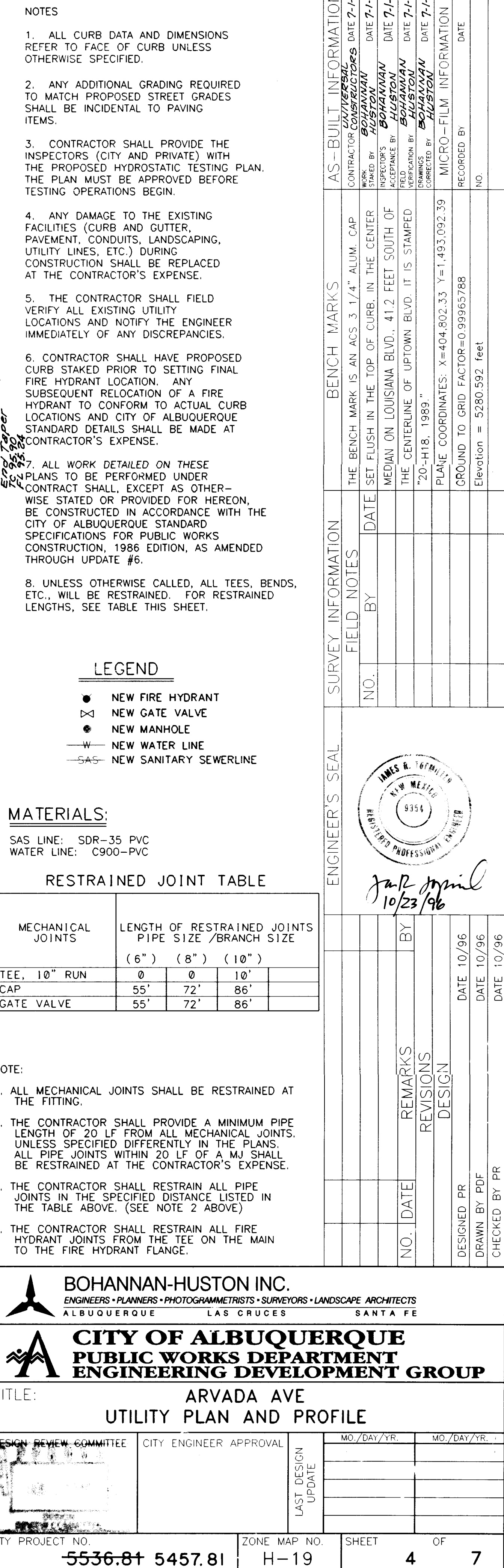


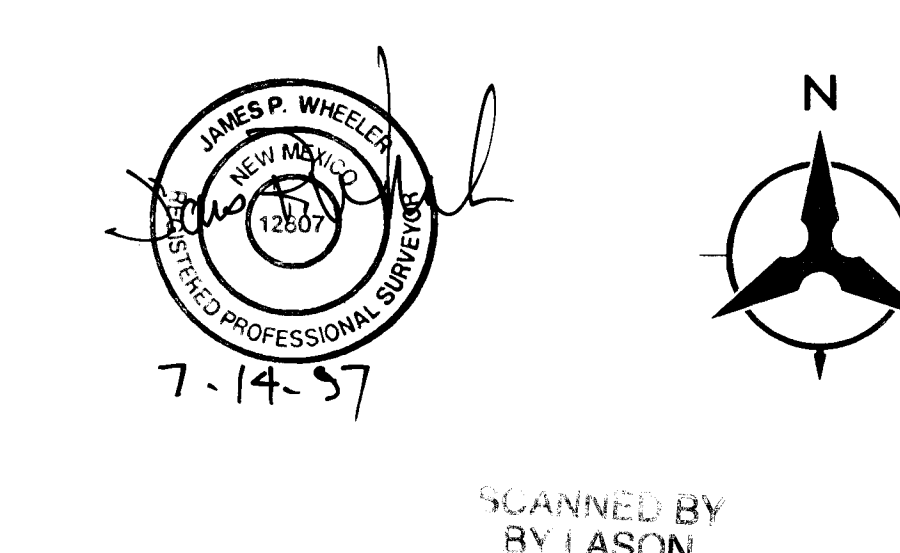
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

SCALE: 1"=30' (HORIZ.)
1"=5 (VERT.)

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OCTOBER 1996





NOTES		AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN	
1. ALL NEW PAVEMENT MARKINGS INCLUDING LANE LINES, STOP BARS, CROSSWALKS AND ARROWS SHALL BE EITHER HOT OR COLD PLASTIC REFLECTIVE MARKINGS.		CONTRACTOR: BOHANNAN-HUSTON DATE: 7-1-19 WORK SHOWN BY: BOHANNAN-HUSTON DATE: 7-1-19 ACCEPTANCE BY: BOHANNAN-HUSTON DATE: 7-1-19 FIELD DRAWN BY: BOHANNAN-HUSTON DATE: 7-1-19 CORRECTED BY: BOHANNAN-HUSTON DATE: 7-1-19 MICRO-FILM INFORMATION: BOHANNAN-HUSTON		THE BENCH MARK IS AN ACS 3 1/4" ALUM. CAP SET FLUSH IN THE TOP OF CURB, IN THE CENTER MEDIAN ON LOUISIANA BLVD., 41.2 FEET SOUTH OF THE CENTERLINE OF UPTOWN BLVD. IT IS STAMPED "20-H18, 1989."		FIELD NO. BY DATE		PLANE COORDINATES: X=404,802.33 Y=1,493,092.39 GROUND TO GRID FACTOR=0.99965788 Elevation = 5280.592 feet		DATE 10/96		DATE 10/96	
2. COLD PLASTIC REFLECTIVE PAVEMENT MARKINGS SHALL CONFORM TO THE SUPPLEMENTAL TECHNICAL SPECIFICATIONS, SECTION 440, IN THE CONTRACT DOCUMENTS.													
3. HOT PLASTIC REFLECTIVE PAVEMENT MARKINGS WILL BE CONSIDERED BY THE CITY AS A SUBSTITUTE FOR COLD PLASTIC PROVIDED THAT THE INSTALLATION IS CARRIED OUT PER THE MANUFACTURER'S SPECIFICATIONS. HOT PLASTIC SHALL BE A MINIMUM OF 90 MIL THICKNESS FOR LANE LINES AND 125 MIL FOR ALL TRANSVERSE LINES. TEN POUND DROP-ON GLASS BEADS PER 100 SQ FT IS REQUIRED. ALL TRANSVERSE LINES SHALL BE ALKYD THERMOPLASTIC.													
4. CONTRACTOR SHALL REMOVE ALL CONFLICTING EXISTING PAVEMENT MARKINGS.													
5. CONTRACTOR SHALL INSTALL ALL NEW STRIPING AS SHOWN.													
6. ALL LETTERS AND SYMBOL MARKINGS ON THE PAVEMENT SHOULD BE IN CONFORMANCE WITH THE STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS.													
7. SEE PAVING PLAN & PROFILE FOR DETAILED STATION AND OFFSET INFORMATION.													
KEYED NOTES:													
① EXISTING PAVEMENT MARKINGS TO REMAIN													
② NEW 4" SOLID WHITE REFLECTIVE PLASTIC STRIPE													
③ REPLACE EXISTING PAVEMENT MARKING WHERE DAMAGED OR REMOVED													
④ NEW 4" SOLID YELLOW STRIPE													
⑤ FUTURE RIGHT TURN LANE													
⑥ EXISTING ARROWS TO BE REMOVED AND REPAIRED													
⑦ EXISTING STRIPING TO BE REMOVED													
⑧ NEW BROKEN, 4" WHITE STRIPE, 10' STRIPE, 30' SPACE													
⑨ <i>INSTALL NEW ARROWS</i>													
2 3 4 5 6 7 8 9 10 11 12 13 14 15 26-5457.81 0597													



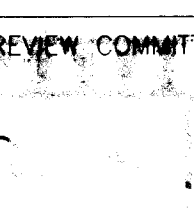
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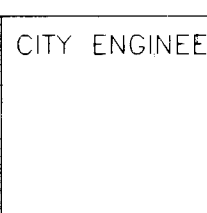


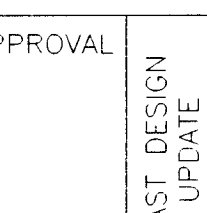
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DESIGN GROUP

TITLE: **ARVADA AVE STRIPING PLAN**

DESIGN REVIEW COMMITTEE: **CITY ENGINEER APPROVAL**

DESIGN REVIEW COMMITTEE: 

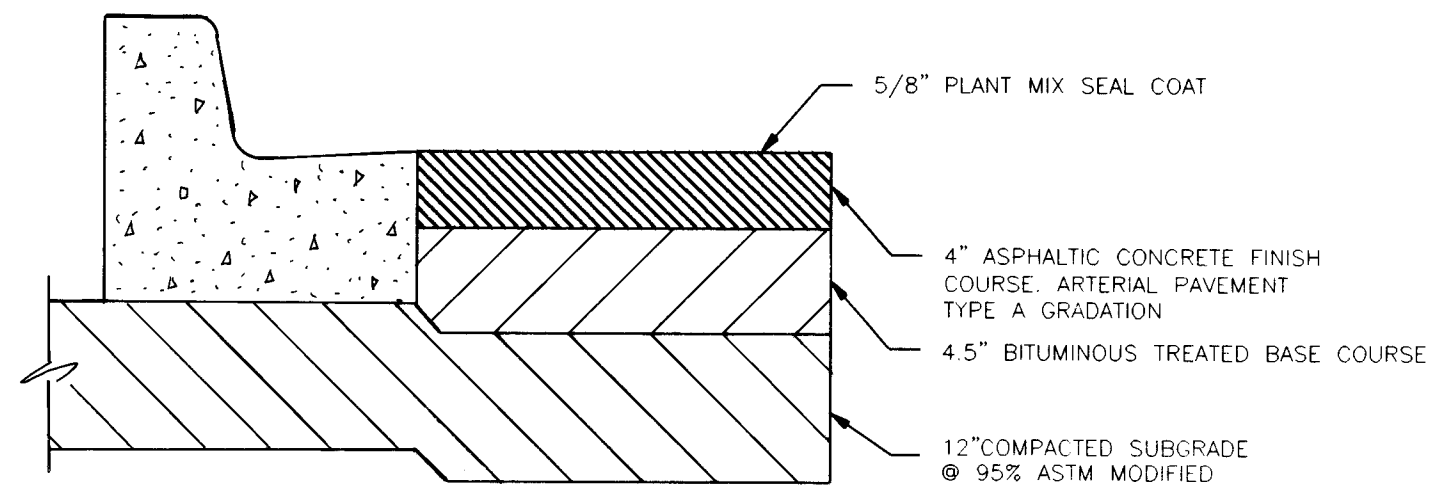
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LAST DESIGN UPDATE: 

CITY PROJECT NO. **5536.84 5457.81**

ZONE MAP NO. **H-19**

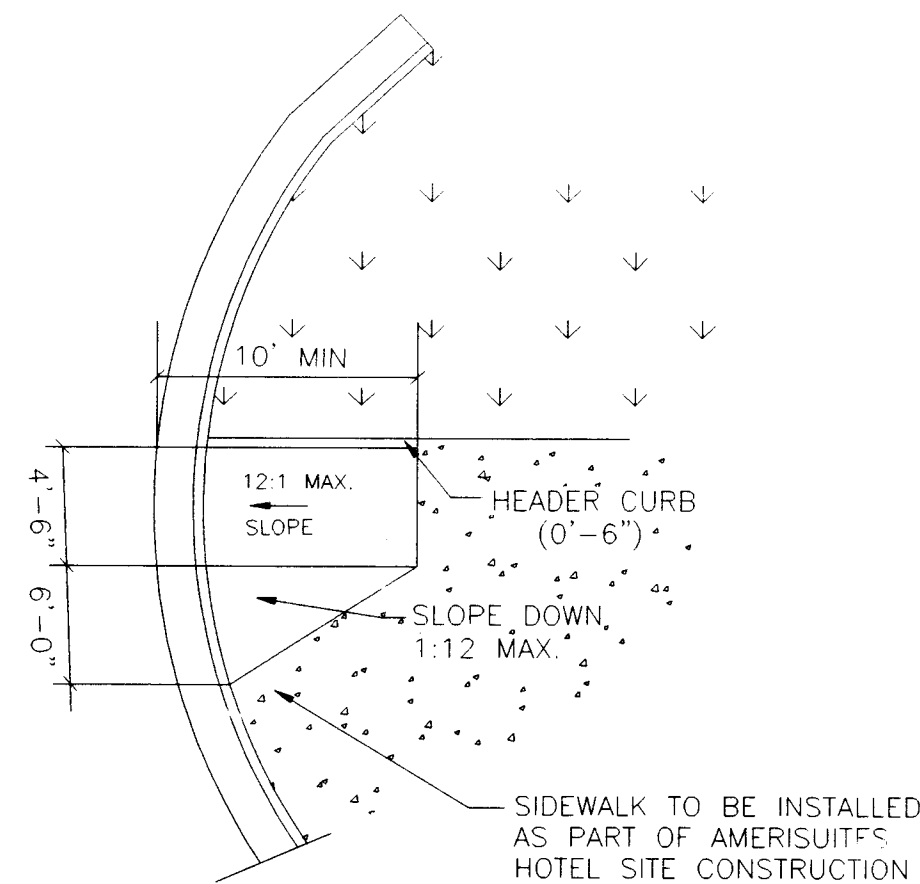
SHEET **5** OF **7**



PAVEMENT SECTION - ARVADA AVENUE

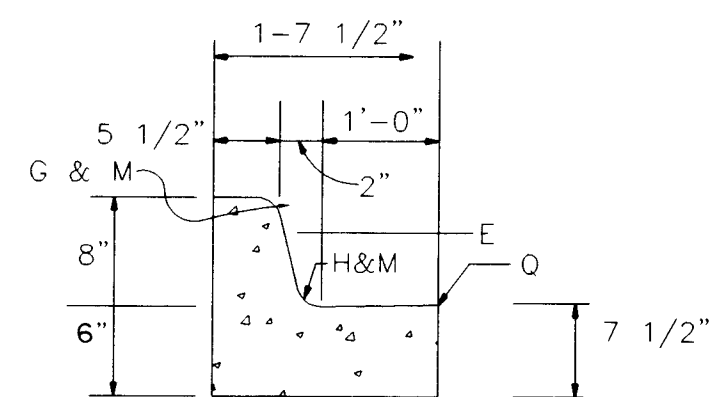
NTS

NOTE: PAVEMENT DESIGN BASED ON R VALUE=50 OR GREATER FOR SUBGRADE. IF ACTUAL R VALUE IS NOT 50 OR GREATER CONTRACTOR SHALL NOTIFY ENGINEER FOR REDESIGN.



ACCESSIBLE RAMP DETAIL

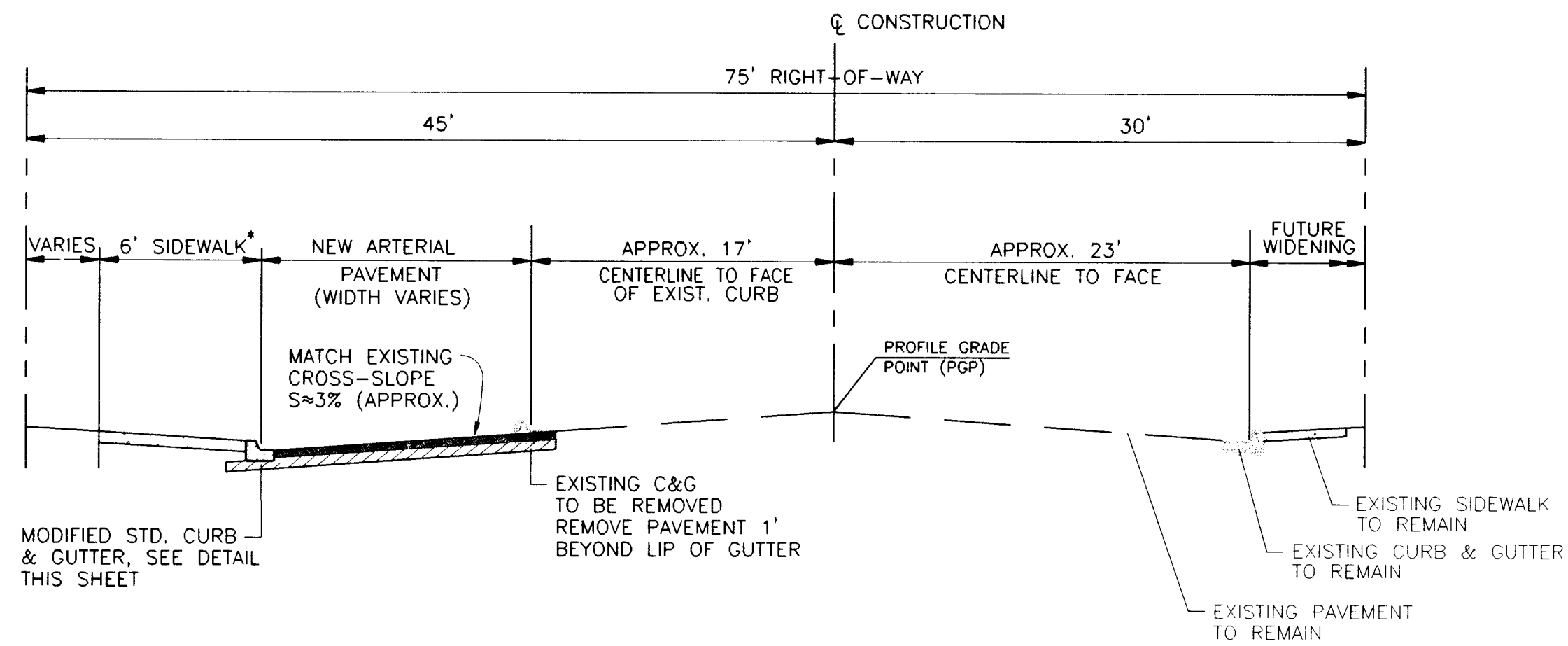
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MODIFIED STANDARD CURB & GUTTER

(SEE GENERAL NOTES AND CONSTRUCTION NOTES, CITY OF ABO STD. DWG 2415.)

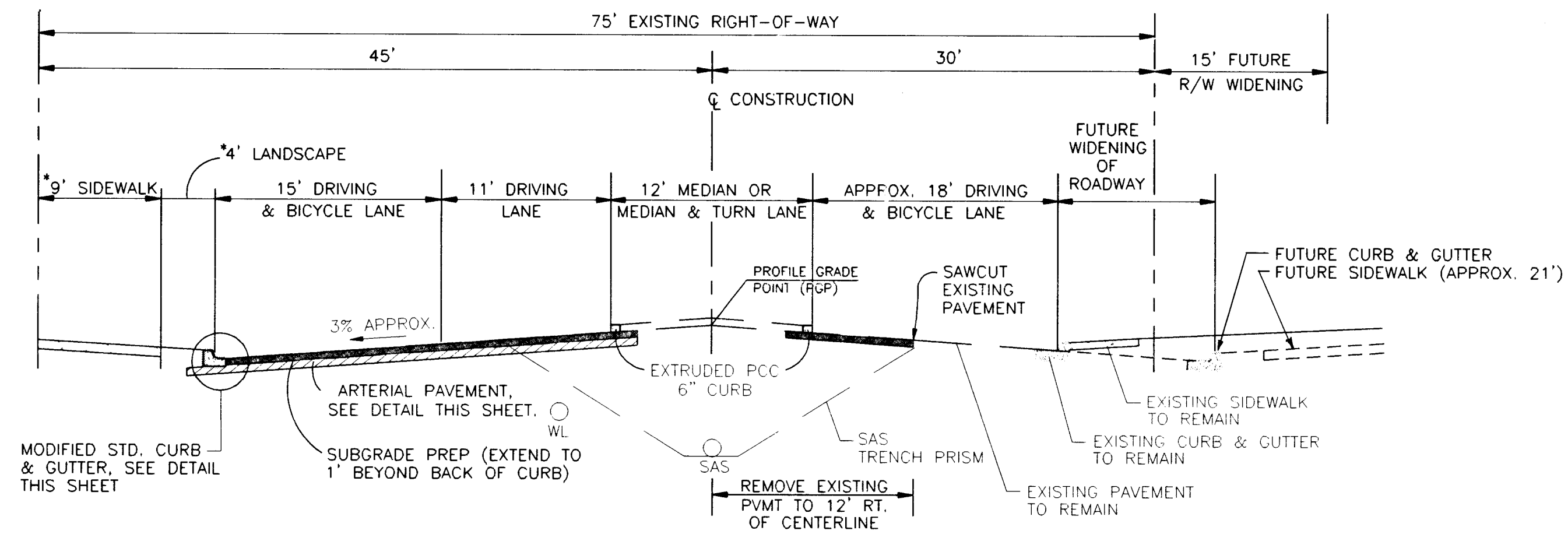
NTS



TYPICAL ROADWAY SECTION "C"

UPTOWN LOOP ROAD
STA. 7+09.26 TO STA. 8+50.38 (EOP)

NTS



TYPICAL ROADWAY SECTION "B"

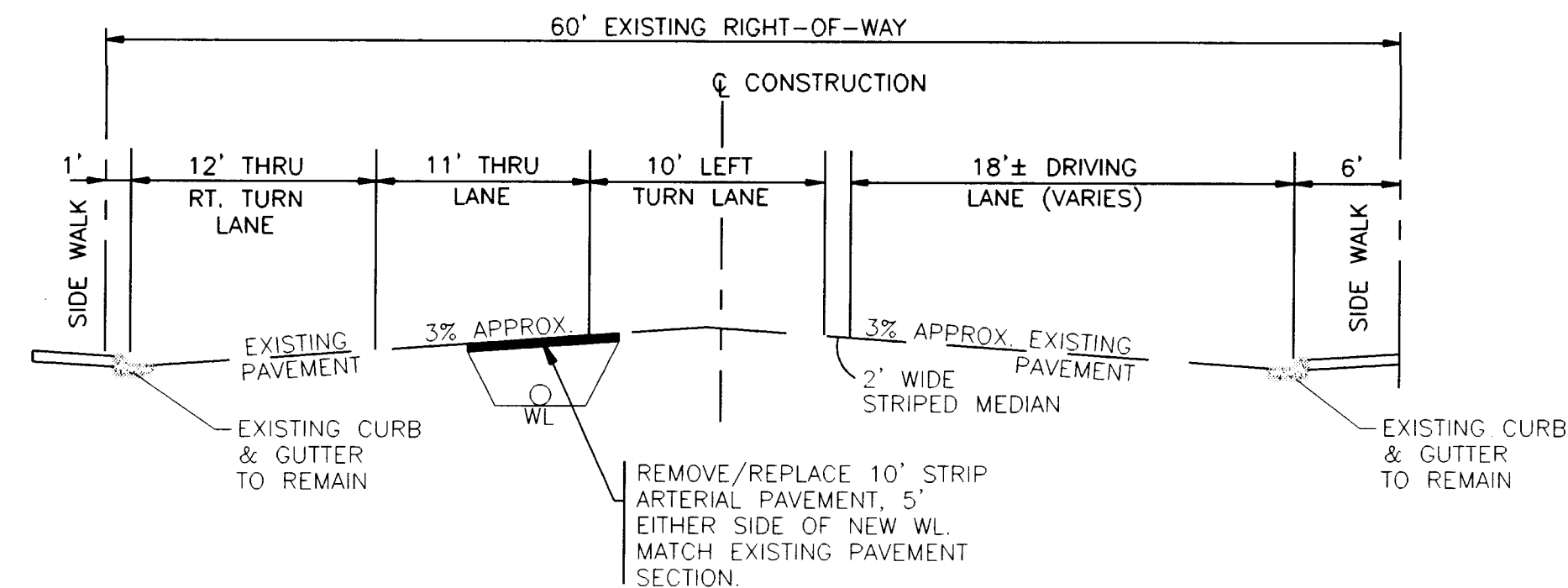
UPTOWN LOOP ROAD
STA. 2+69.34 TO STA. 7+09.26

NTS

*SIDEWALK/LANDSCAPE AREA TO BE INSTALLED AS PART OF AMERISUITES HOTEL SITE CONSTRUCTION.

NOTE: ALL ASPHALT CONCRETE PAVEMENT SHALL BE ARTERIAL PAVING WITH TYPE 'A' GRADATION. IF LIFT THICKNESS IS 1 1/2", USE TYPE 'B' GRADATION.

A 5/8" LAYER OF PLANT MIX SEAL COAT (PMSC) SHALL BE APPLIED TO ENTIRE ROADWAY FROM STATION 1+40 TO THE END OF PROJECT AT THE END OF THE PAVING CONSTRUCTION TO PROVIDE UNIFORM APPEARANCE.



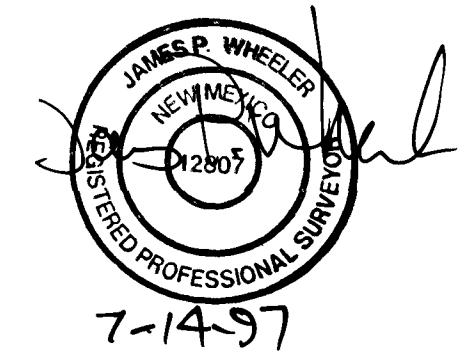
TYPICAL ROADWAY SECTION "A"

UPTOWN LOOP ROAD
STA. 1+40.50 TO STA. 2+69.34

NTS

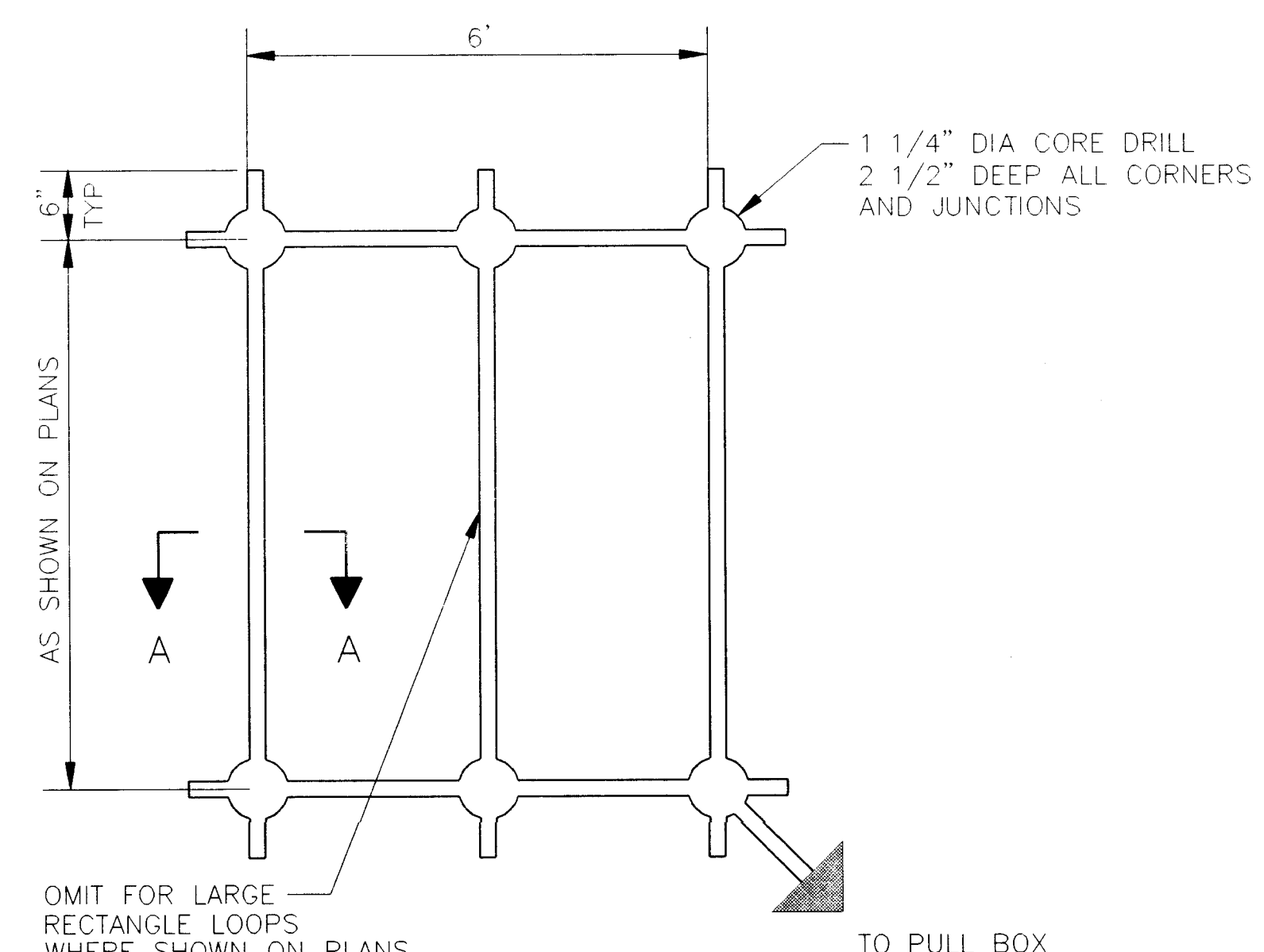
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RECORD DRAWING
DATE: 6-18-97

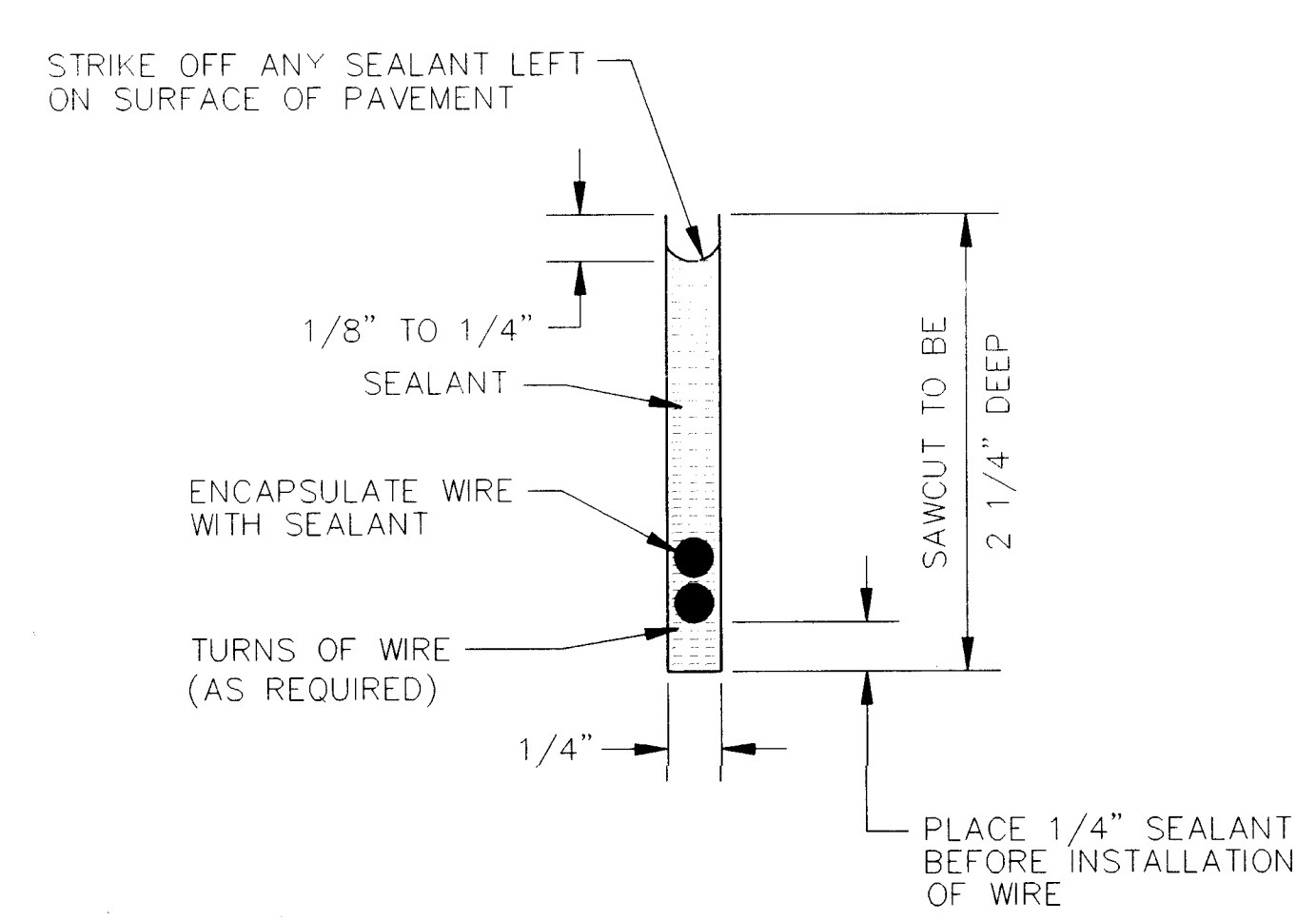


26-54571.871 0697

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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: UPTOWN LOOP ROAD MISCELLANEOUS DETAILS	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
LAST DESIGN UPDATE	MO./DAY/YR
CITY PROJECT NO.	ZONE MAP NO.
5536.81	H-19
SHEET	OF
6	7

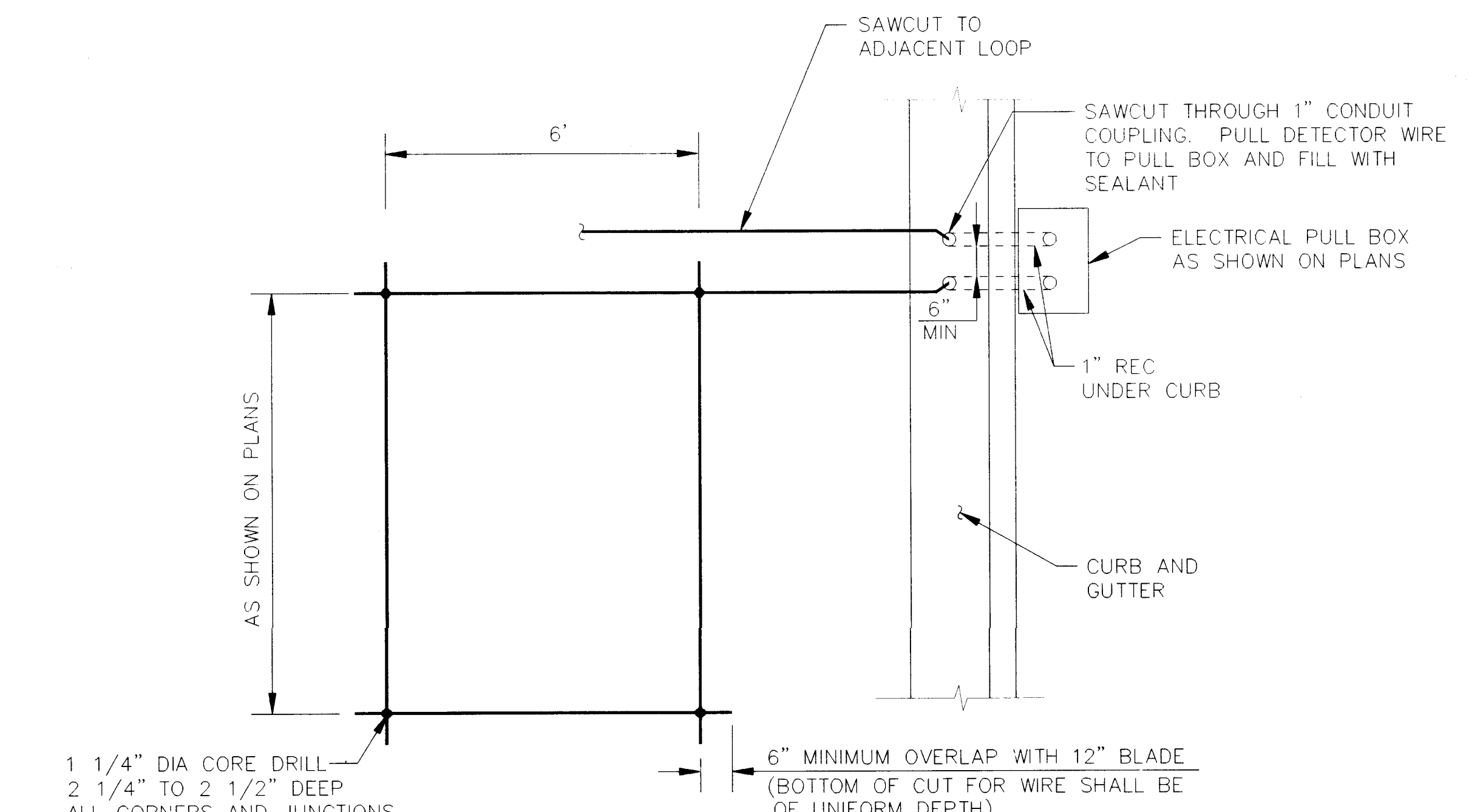


PLAN VIEW

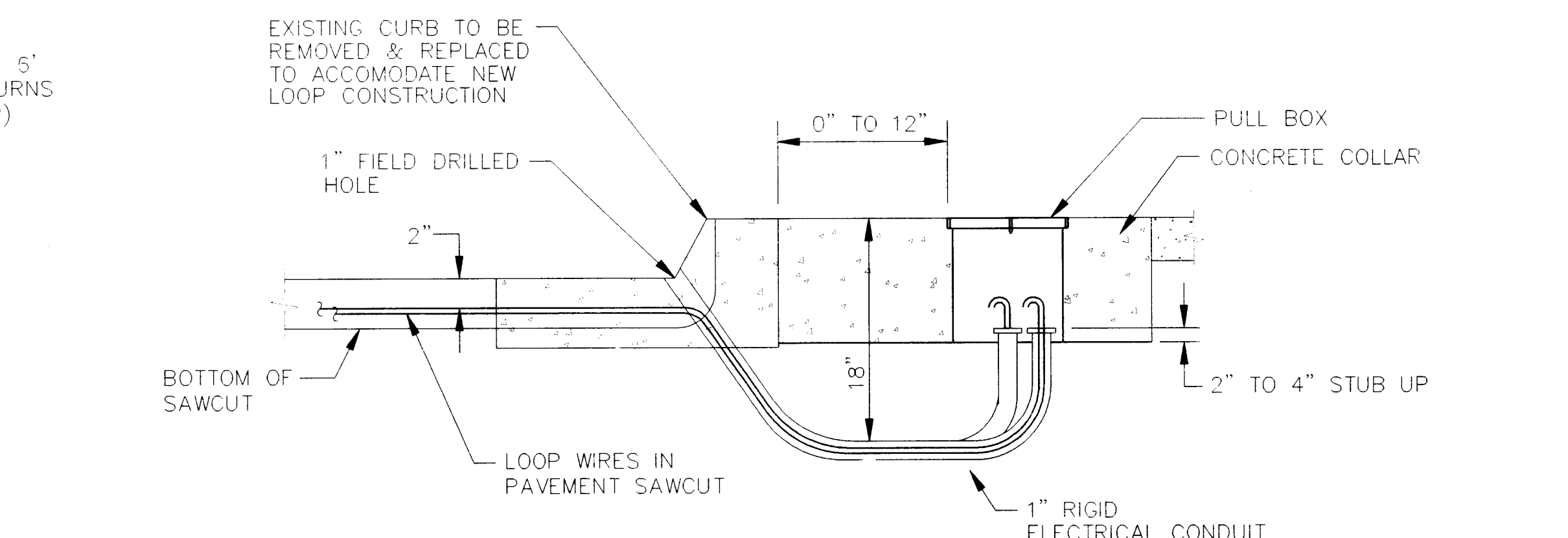


SECTION A-A

TYPICAL ROADWAY LOOP SAWCUT DETAIL

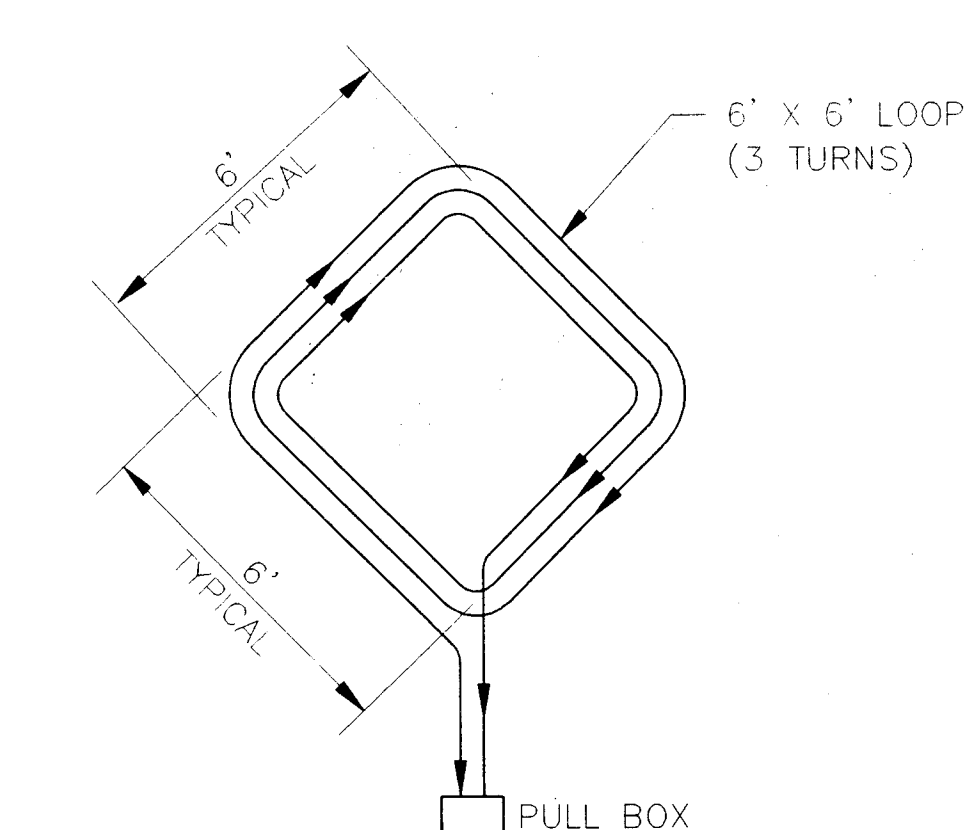


PLAN VIEW

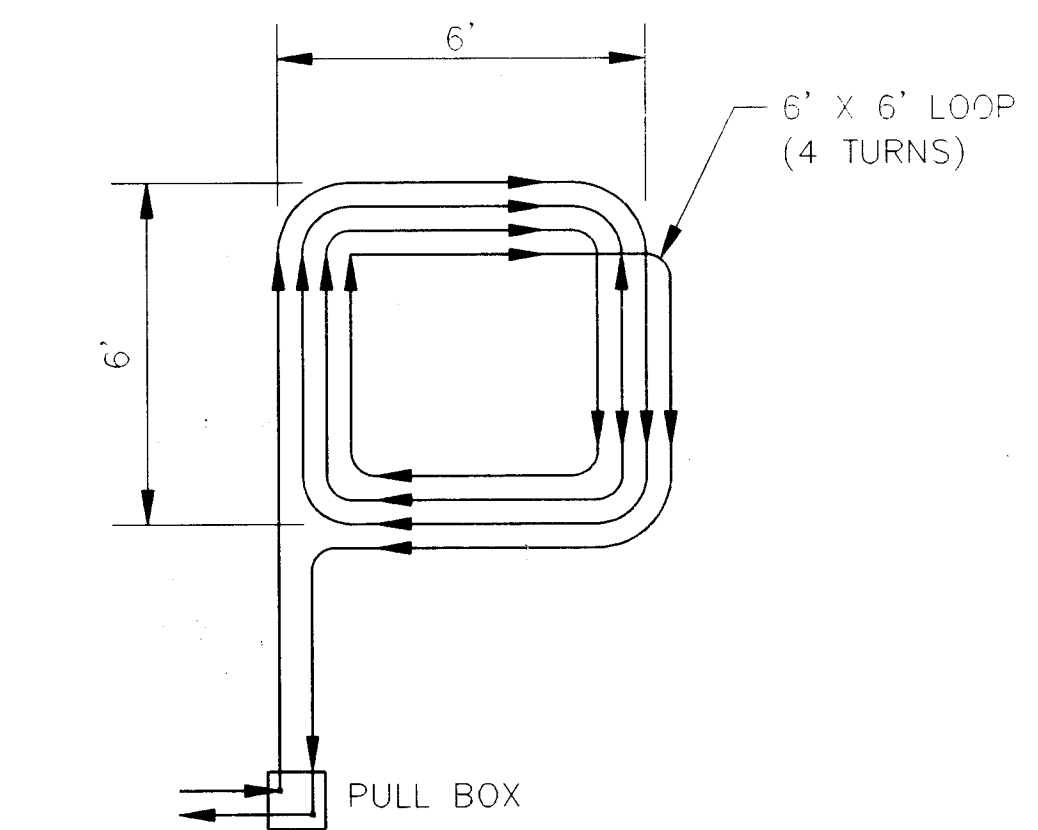


SECTION

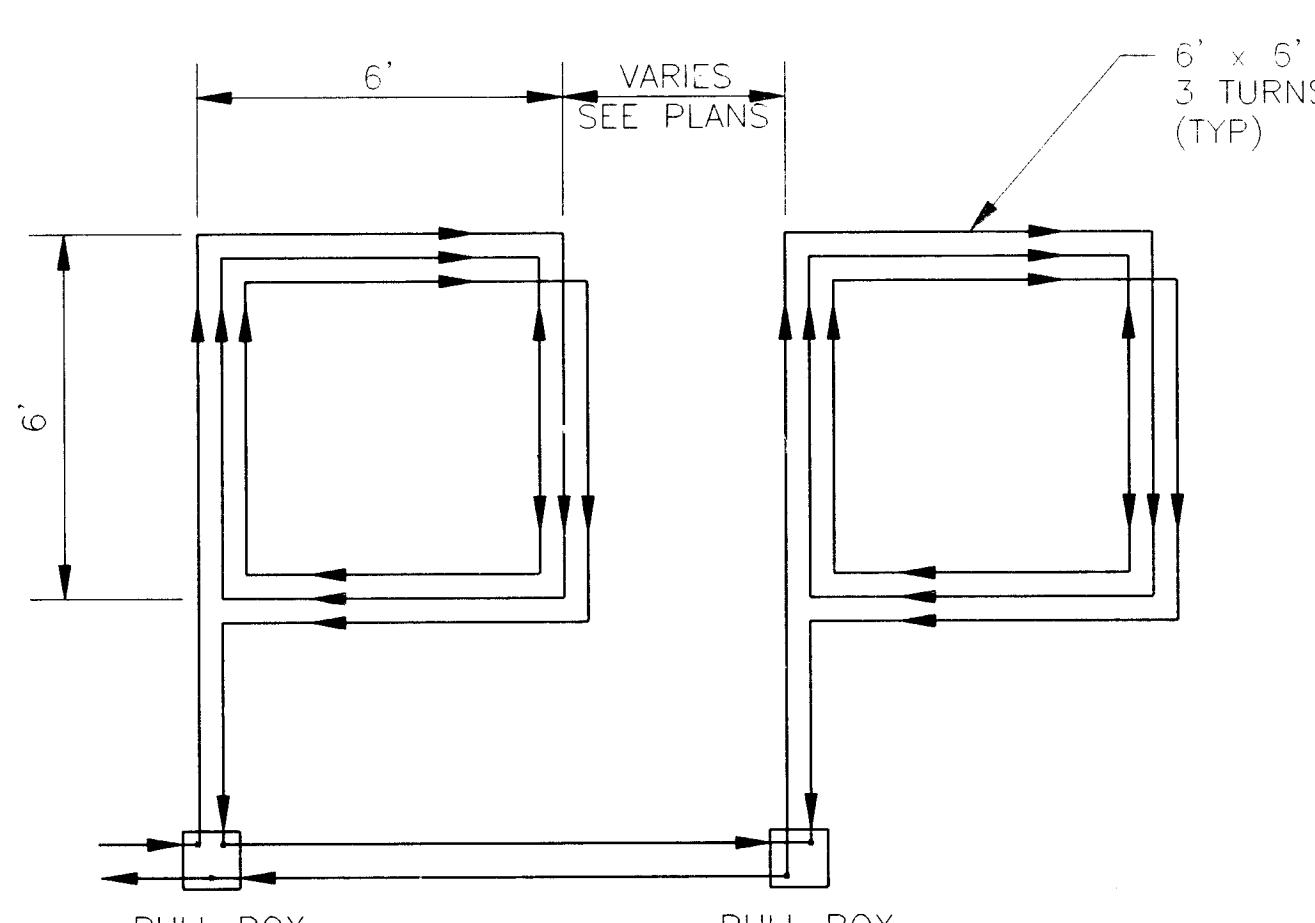
LOOP WIRE TERMINATION DETAILS



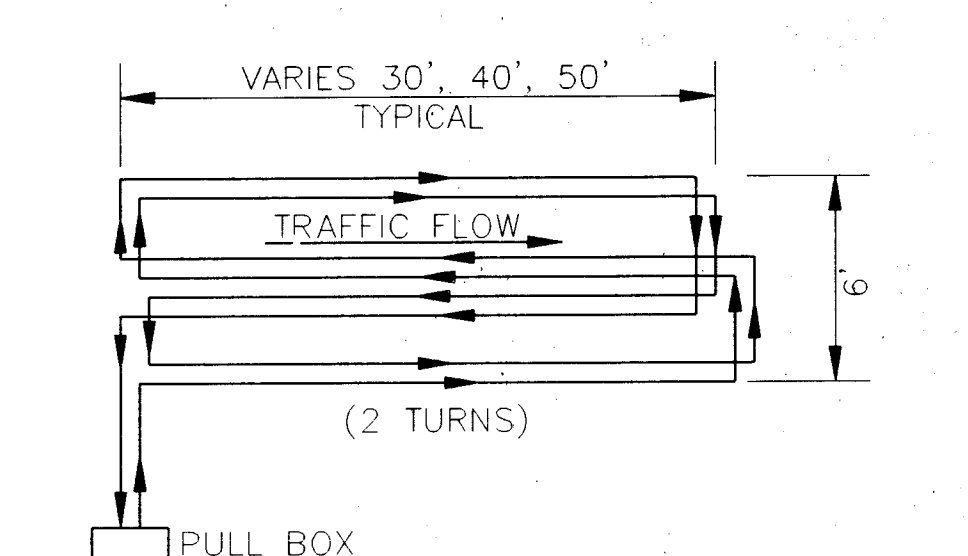
EXTEND CALL LOOP WIRING DETAIL



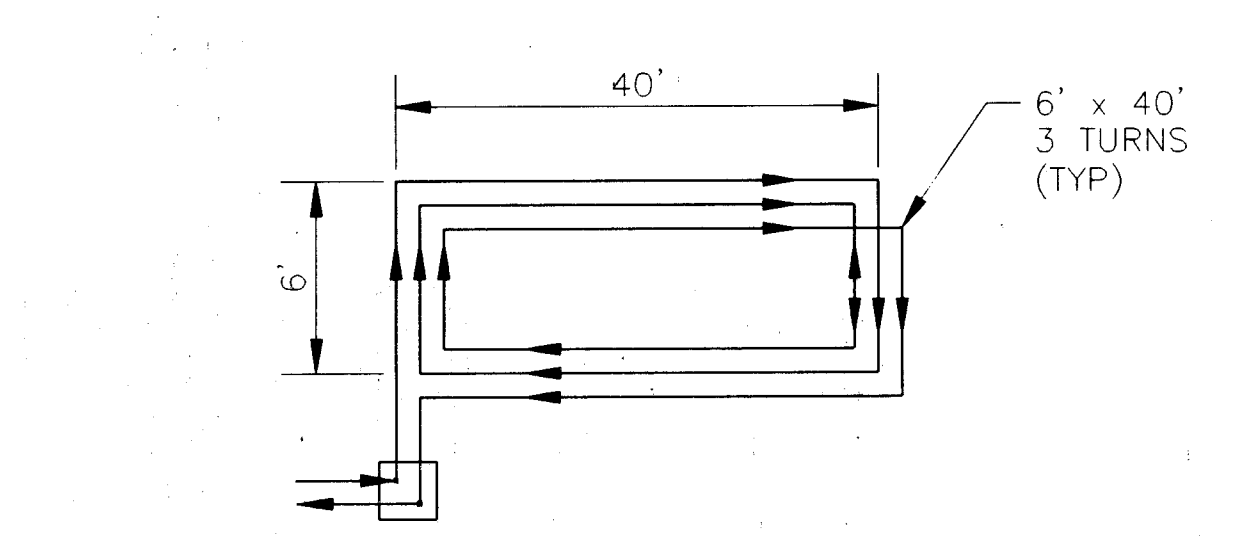
SYSTEM LOOP WIRING DETAIL



SERIES LOOP WIRING DETAIL



QUADRUPOLE LOOP WIRING DETAIL



LARGE RECTANGULAR LOOP WIRING DETAIL

TYPICAL LOOP WIRE PLACEMENT DETAILS

- NOTES
1. WIRES MUST BE WOUND IN THE DIRECTION SHOWN.
 2. QUADRUPOLE LOOPS SHALL HAVE 2 TURNS.
 3. EXTEND CALL LOOPS SHALL HAVE 3 TURNS.
 4. SYSTEM DETECTOR LOOPS SHALL HAVE 4 TURNS.
 5. LARGE RECTANGLE LOOPS SHALL HAVE 3 TURNS.

LOOP DETECTOR NOTES

1. ALL LOOP DETECTOR WIRE SHALL BE #14 AWG STRANDED COPPER WIRE WITH CROSS-LINKED POLYETHYLENE INSULATION (INDUSTRY TYPE XHHW) CONFORMING TO THE REQUIREMENTS OF IMSA SPECIFICATIONS #51-3 1984. BACKER ROD SHALL NOT BE USED IN THE INSTALLATION OF LOOP (EXCEPT PIECES LESS THAN 12" WHICH MAY BE PLACED OVER THE WIRE AT THE SAWCUT CORNERS TO HOLD THE WIRE. A 1/4" LAYER OF SEALANT SHALL BE PLACED IN THE SAWCUT BEFORE PLACEMENT OF THE WIRE AND THEN THE WIRE SHALL BE ENCAPSULATED WITH SEALANT. HOT-MELT RUBBERIZED ASPHALT LOOP DETECTOR SEALANT MANUFACTURED BY CRAFCO SHALL AN ACCEPTABLE SEALANT ALTERNATE.
2. ALL LOOP LEAD IN CABLES SHALL BE TAGGED AT CABINET TO IDENTIFY EACH CABLE BY LOOP AND PHASE NUMBER.
3. GROUND LOOP LEAD IN CABLE SHIELDING IN CONTROL CABINET.
4. SEPARATE 1" RIGID ELECTRICAL CONDUITS ARE REQUIRED FOR EACH PAIR OF DETECTOR WIRES.

RECORD DRAWING
DATE: 6-18-97

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PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TRAFFIC SIGNAL
LOOP DETECTOR DETAILS

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

CITY PROJECT NO. 545781-5536-81 ZONE MAP NO. H-19 SHEET 7 OF 7

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	NO.	DATE	NO.	DATE	NO.	DATE
BOHANNAN	7-1-97						
INSPECTOR	DATE						
BOHANNAN	7-1-97						
ACCEPTANCE BY	DATE						
BOHANNAN	7-1-97						
VERIFICATION BY	DATE						
BOHANNAN	7-1-97						
DRAWING	DATE						
CHECKED BY	DATE						
BOHANNAN	7-1-97						
MICRO-FILM INFORMATION							
RECORDED BY	DATE						
NO.							