

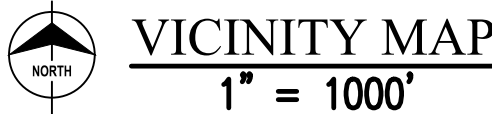
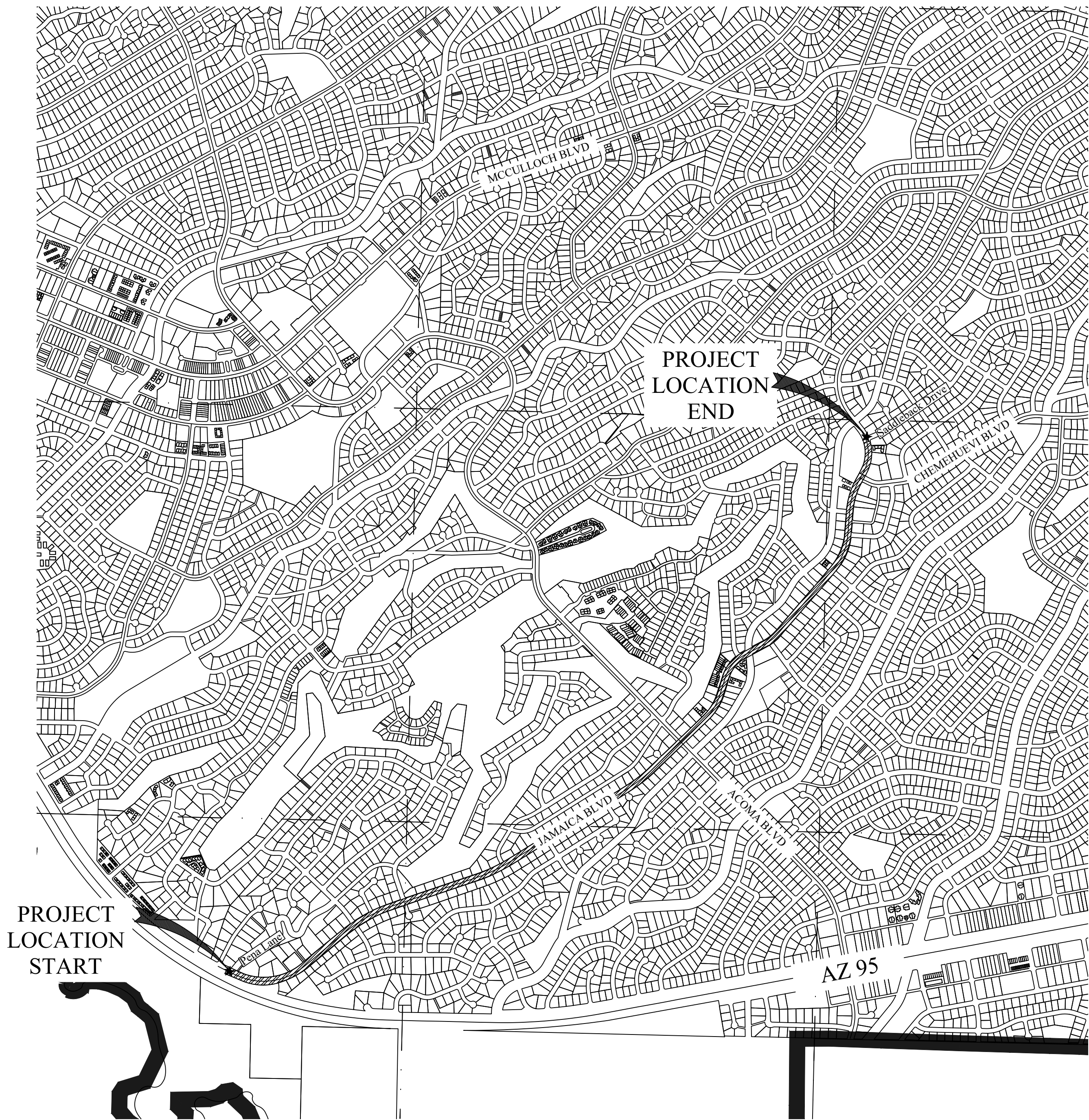
LAKE HAVASU CITY, ARIZONA

JAMAICA BLVD STREET IMPROVEMENTS

PROJECT # B26-PW-106019-500690

DRAWING INDEX

SHEET NO	DWG NO	DESCRIPTION
CML		
1	C-1	TITLE SHEET
2	C-2	PENA LANE 0+00 TO 13+00 BEGIN PROJECT
3	C-3	STATION 13+00 TO 25+00
4	C-4	STATION 25+00 TO 37+00
5	C-5	STATION 37+00 TO 49+00
6	C-6	STATION 49+00 TO 61+00
12	C-7	STATION 61+00 TO 69+00
8	C-8	STATION 69+00 TO 80+00
9	C-9	STATION 80+00 TO 92+00
10	C-10	STATION 92+00 TO 101+00
11	C-11	STATION 101+00 TO 111+00
12	C-12	SADDLEBACK DRIVE, STATION 111+00 TO 117+24 END PROJECT
13	C-13	TYPICAL ROADWAY SECTION & MANHOLE DETAIL
14	C-14	LHC TYPICAL DETAILS



CITY COUNCIL

CAL SHEEHY	MAYOR
MICHELE LIN	VICE MAYOR
JIM DOLAN	COUNCIL MEMBER
NANCY CAMPBELL	COUNCIL MEMBER
DAVID DIAZ	COUNCIL MEMBER
CAMERON MOSSES	COUNCIL MEMBER
JENI COKE	COUNCIL MEMBER

UTILITY CONTACTS

LAKE HAVASU CITY (WASTEWATER)	(928) 855-3999
LAKE HAVASU CITY (WATER)	(928) 855-2618
SUDDEN LINK	(928) 855-9855
FRONTIER COMMUNICATION	(928) 757-0218
UNISOURCE ENERGY SERVICES (GAS)	(928) 505-7027
UNISOURCE ENERGY SERVICES (ELECTRIC)	(928) 505-7017
OPTIMUM	(928)821-2730

CITY MANAGER
JESS KNUDSEN

CITY PUBLIC WORKS DIRECTOR
RON FOGGIN

PROJECT MANAGER
BRENT CUMMINGS

CIVIL ENGINEER
SHAWN M. CLARKE, P.E.

CAPITOL IMPROVEMENTS MANAGER:
JASON HART

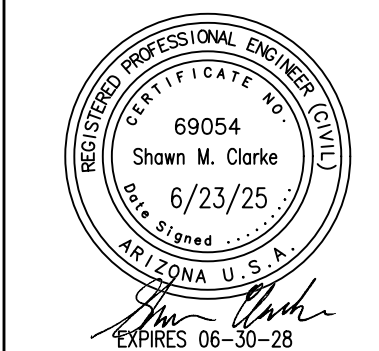
STREETS SUPERINTENDENT:
BILL YOUNG

NO.	REVISIONS / SUBMISSIONS	DATE
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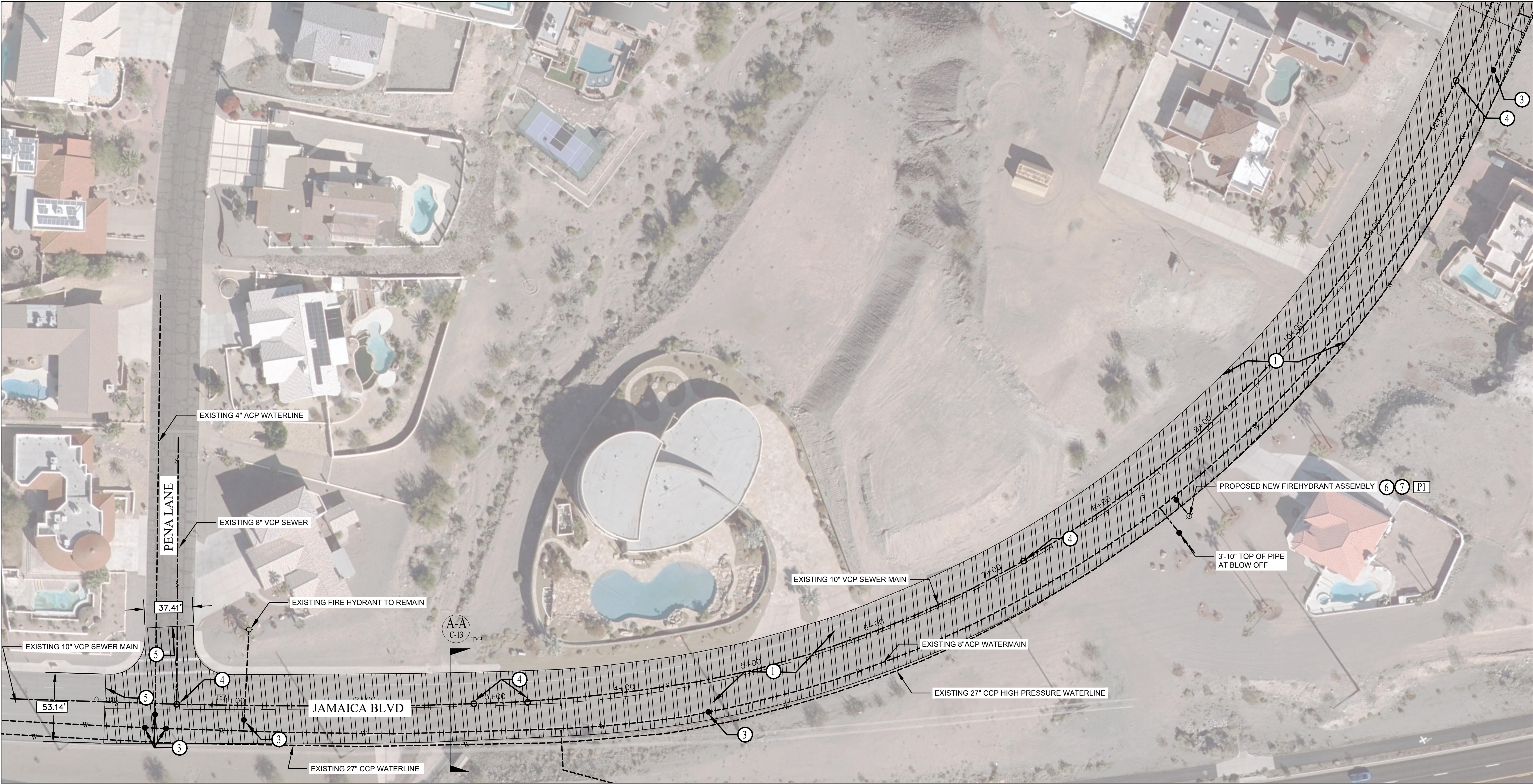


JAMAICA BLVD STREET IMPROVEMENTS
#ITB B26-PW-106019-500690

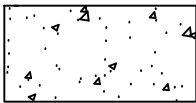
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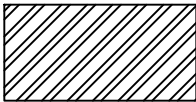
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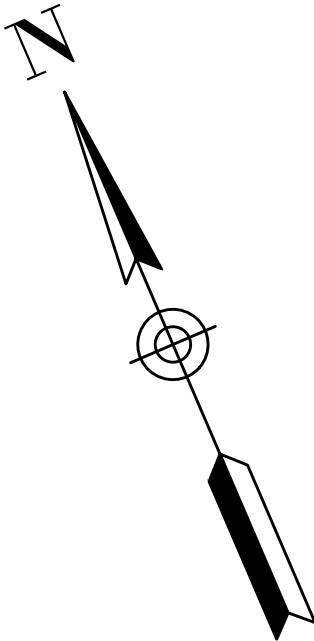
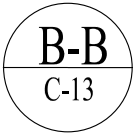
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CONCRETE SIDEWALK OR DRIVEWAY



COLD MILL 1.5" & OVERAY 2.5" ASPHALT CONCRETE PAVEMENT



Jamaica Blvd Street Improvement Plan

SCALE 1"=40'

FIRE HYDRANT NOTES:

[PI] 2000 JAMAICA BLVD, LENGTH = 15.5'
NEW HYDRANT SERVICE INSTALL BELOW EXISTING 27" WATERLINE
PER DETAIL 318 ON SHEET 14.

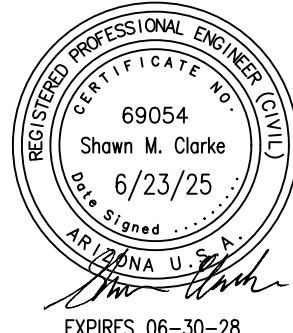
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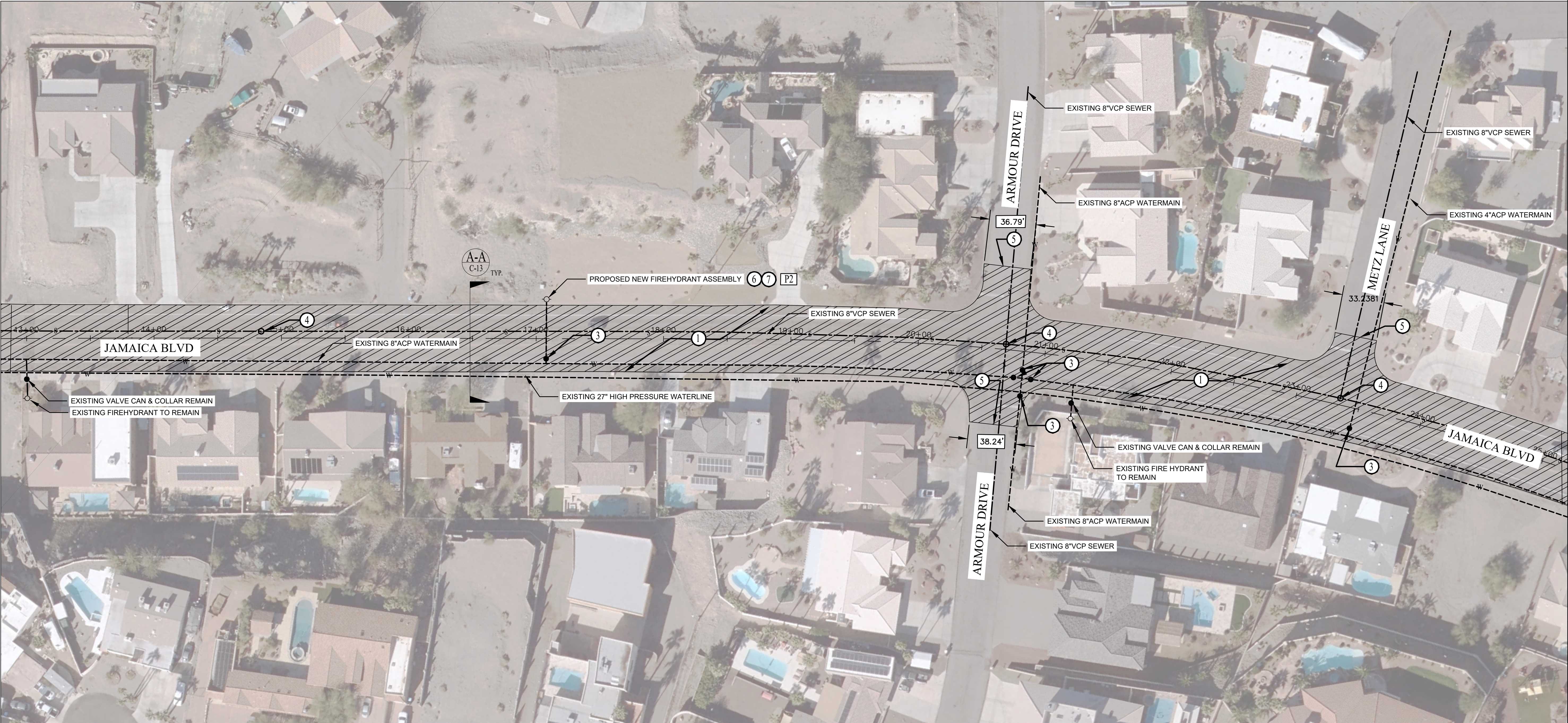
- 1 COLD MILL 1.5" DEPTH & OVERLAY 2.5" ASPHALT CONCRETE PAVEMENT.
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- 4 RAISE MANHOLE TO GRADE PER MAG STANDARD 422-2.
30" RING AND COVER TO BE PROVIDED BY CONTRACTOR PER LAKE HAVASU STANDARD DETAIL 406.
- 5 SAWCUT EXISTING PAVEMENT AND TRANSITION PER DETAIL B-B ON SHEET C-13.
- 6 INSTALL NEW FIRE HYDRANT ASSEMBLY PER LHC DETAIL 320 & UTILITY TRENCH PATCH PER LHC DTL 200.
- 7 REMOVE AND RECONSTRUCT 6" CURB PER LHC DETAIL 213.

GENERAL NOTES:

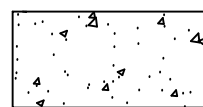
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3. CONTRACTOR SHALL PROTECT UTILITIES IN PLACE WHERE OCCURS.



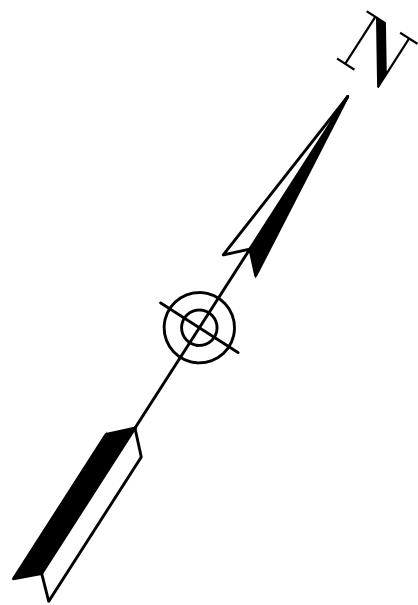
REVISIONS / SUBMISSIONS		DATE
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LAKE HAVASU CITY, ARIZONA • 924 941-0000		
JAMAICA STREET IMPROVEMENTS		
Designed by: SMC	Drawn by: SC	Checked by: MW
Date: 6/19/25		Dwg scale: 1" = 40'
69054 Shawn M. Clarke 6/23/25 EXPIRES 06-30-28		
Sheet Number: C-2		
Sheet 2 of 14		



LEGEND

- 

CONCRETE SIDEWALK OR DRIVEWAY
-



Jamaica Blvd Street Improvement Plan

SCALE 1"=40'

FIRE HYDRANT NOTES:

- [P2] 2075 & 2065 JAMAICA BLVD, LENGTH = 47'
NEW HYDRANT SERVICE INSTALL PER DETAIL 320, ON SHEET 14.

CONSTRUCTION NOTES:

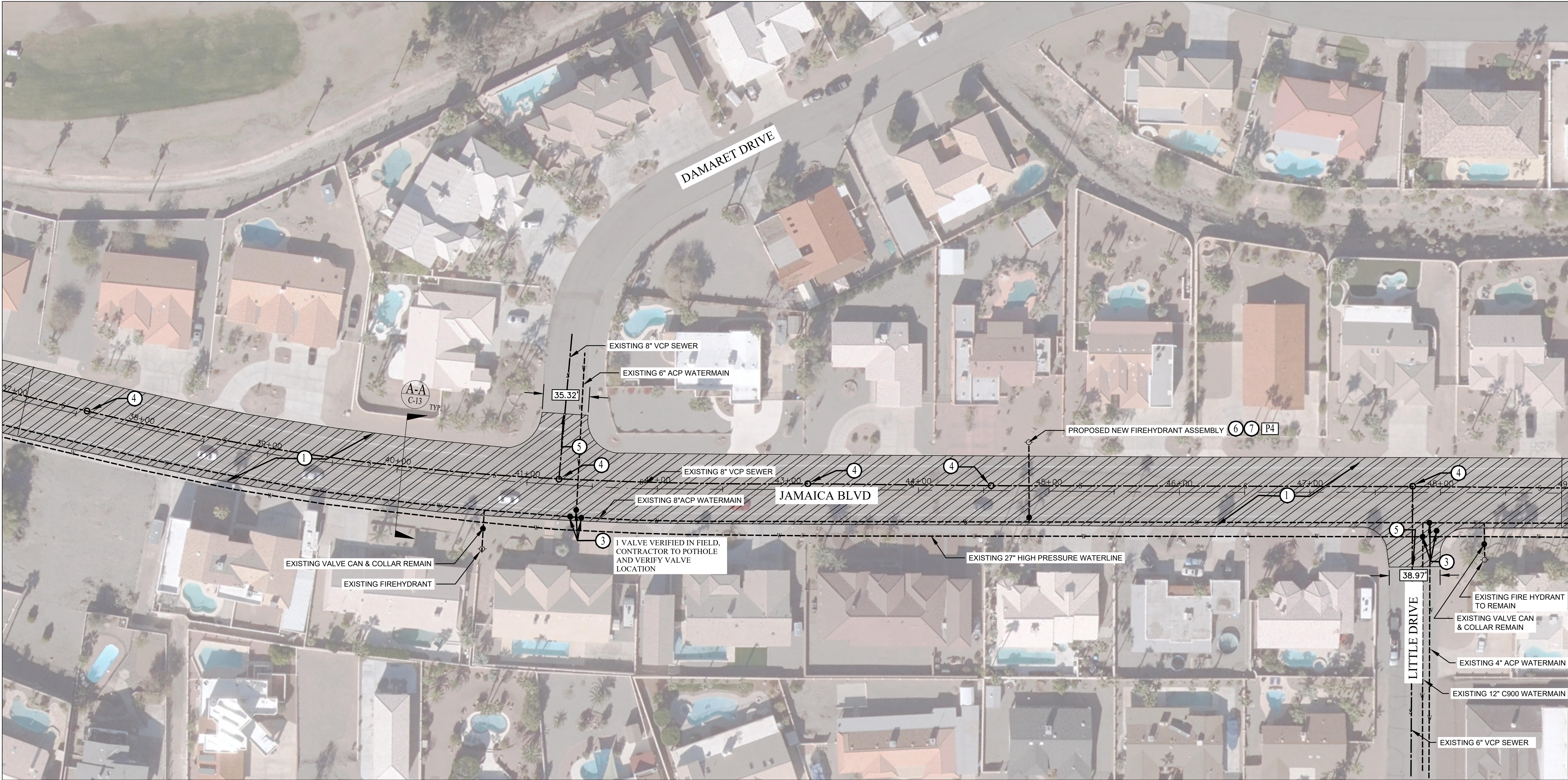
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GENERAL NOTES:

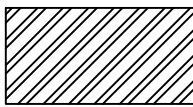
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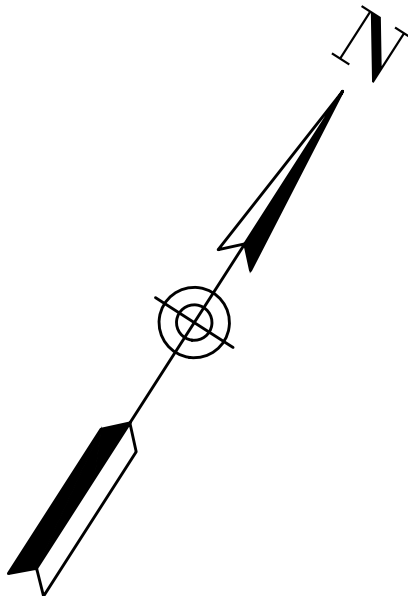


REVISIONS / SUBMISSIONS		DATE
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ARIZONA • 816.011.0000 • LAKE HAVASU CITY, ARIZONA		
JAMAICA BLVD STREET IMPROVEMENTS		
Designed by: SMC	Drawn by: SC	Checked by: MW
Date: 6/19/25		Dwg scale: 1" = 40'
REGISTERED PROFESSIONAL ENGINEER 69054 Shawn M. Clarke 6/23/25 Arizona U.S. Expires 06-30-28		
Sheet Number:		
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Sheet 3 of 14		



LEGEND

-  CONCRETE SIDEWALK OR DRIVEWAY
-  COLD MILL 1.5" & OVERLAY 2.5" ASPHALT CONCRETE PAVEMENT



Jamaica Blvd Street Improvement Plan
SCALE 1"=40'

FIRE HYDRANT NOTES:

-  2325 JAMAICA BLVD, LENGTH = 59'
NEW HYDRANT SERVICE INSTALL PER DETAIL 320, ON SHEET 14.

CONSTRUCTION NOTES:

- 1 COLD MILL 1.5" DEPTH & OVERLAY 2.5" ASPHALT CONCRETE PAVEMENT.
- 2 EXISTING TO REMAIN / PROTECT IN PLACE.
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- 5 SAWCUT EXISTING PAVEMENT.
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GENERAL NOTES:

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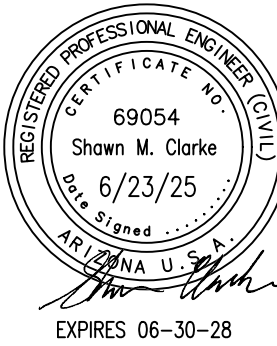
REVISIONS / SUBMISSIONS - - - -

DATE - - - -

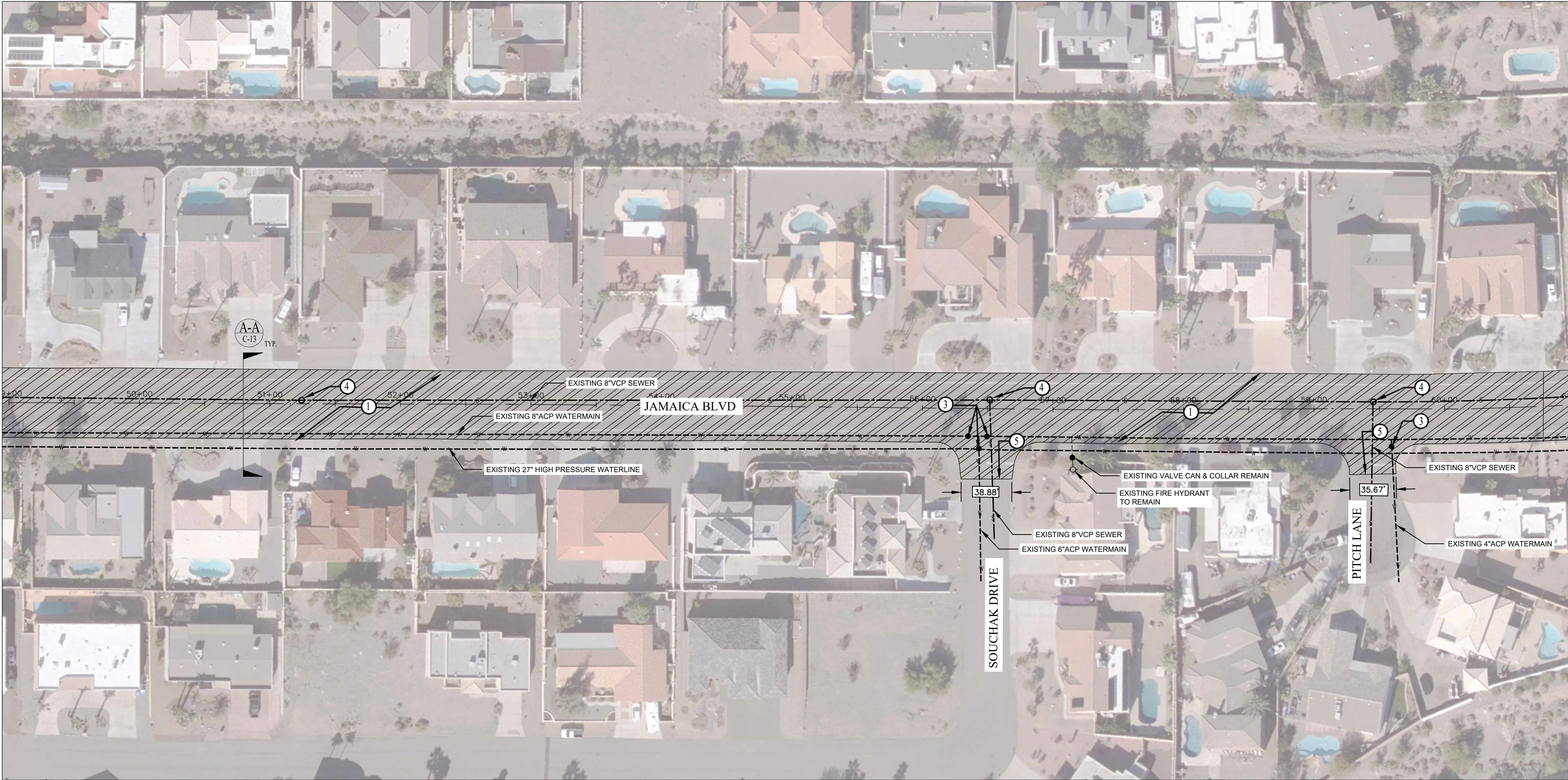


JAMAICA BLVD STREET IMPROVEMENTS

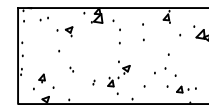
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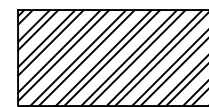
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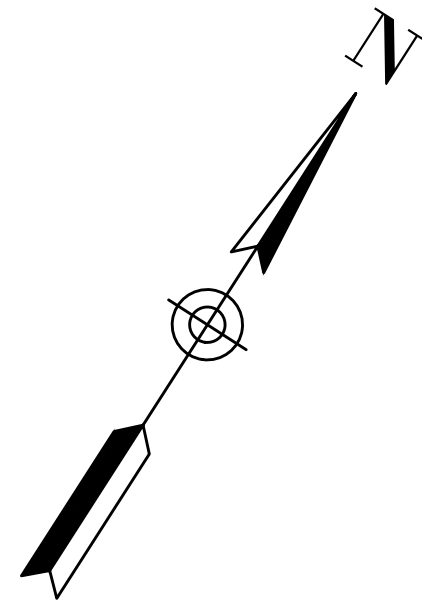
LEGEND



CONCRETE SIDEWALK OR DRIVEWAY



COLD MILL 1.5" & OVERAY 2.5" ASPHALT CONCRETE PAVEMENT



Jamaica Blvd Street Improvement Plan

SCALE 1"=40'

CONSTRUCTION NOTES:

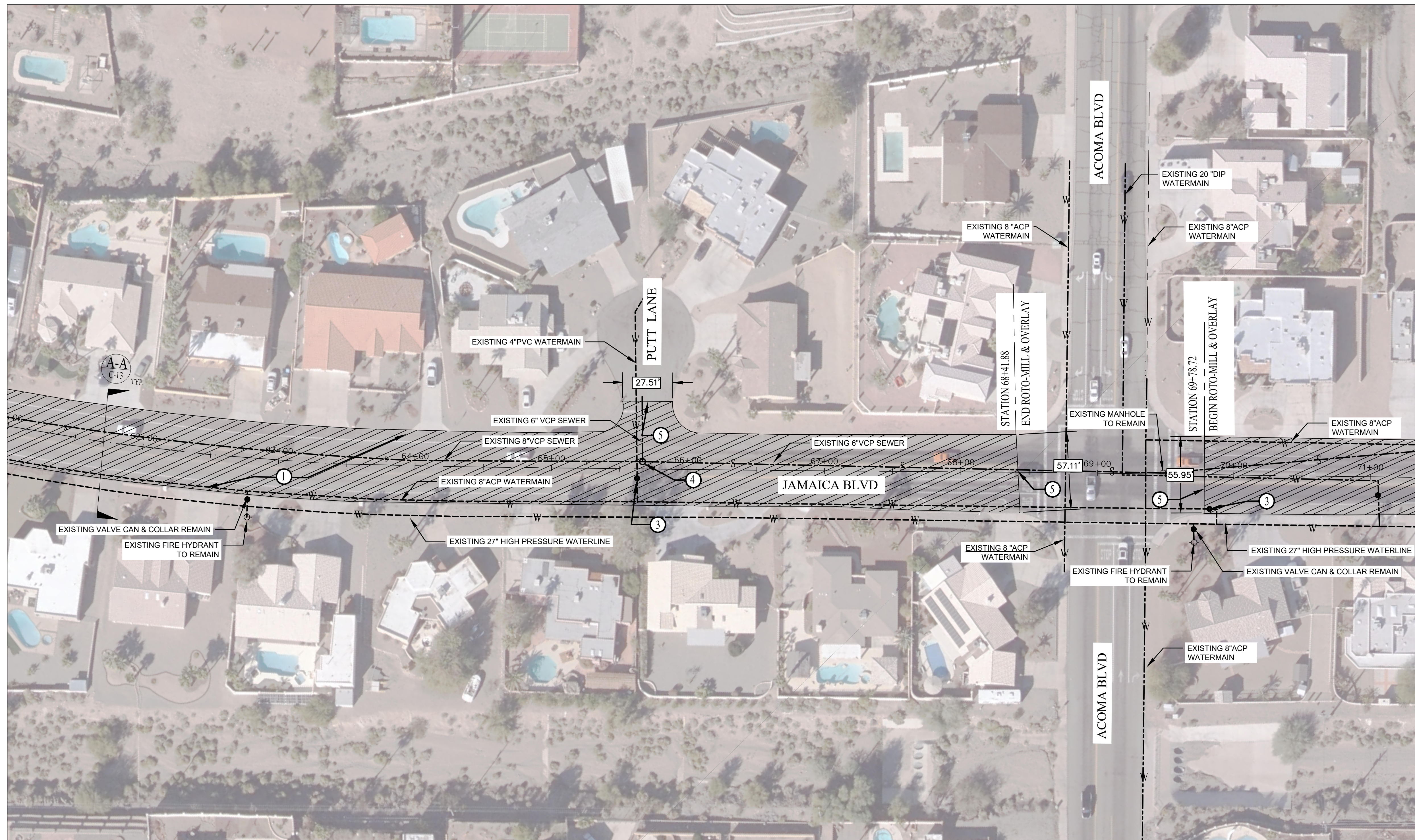
- ① COLD MILL 1.5" DEPTH & OVERLAY 2.5" ASPHALT CONCRETE PAVEMENT.
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- ⑦ REMOVE AND RECONSTRUCT 6" CURB PER LHC DETAIL 213.

GENERAL NOTES:

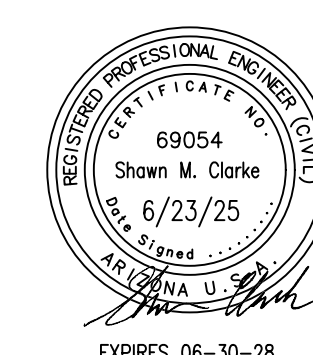
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LAKE HAVASU CITY, ARIZONA • 866.611.0100		
JAMAICA BLVD STREET IMPROVEMENTS		
Designed by: SMC	Drawn by: sc	Checked by: MW
Date: 6/19/25		Dwg scale: 1" = 40'
REGISTERED PROFESSIONAL ENGINEER 69054 Shawn M. Clarke 6/23/25 Arizona, U.S.A. EXPIRES 06-30-28		
Sheet Number: C-6		
Sheet 6 of 14		



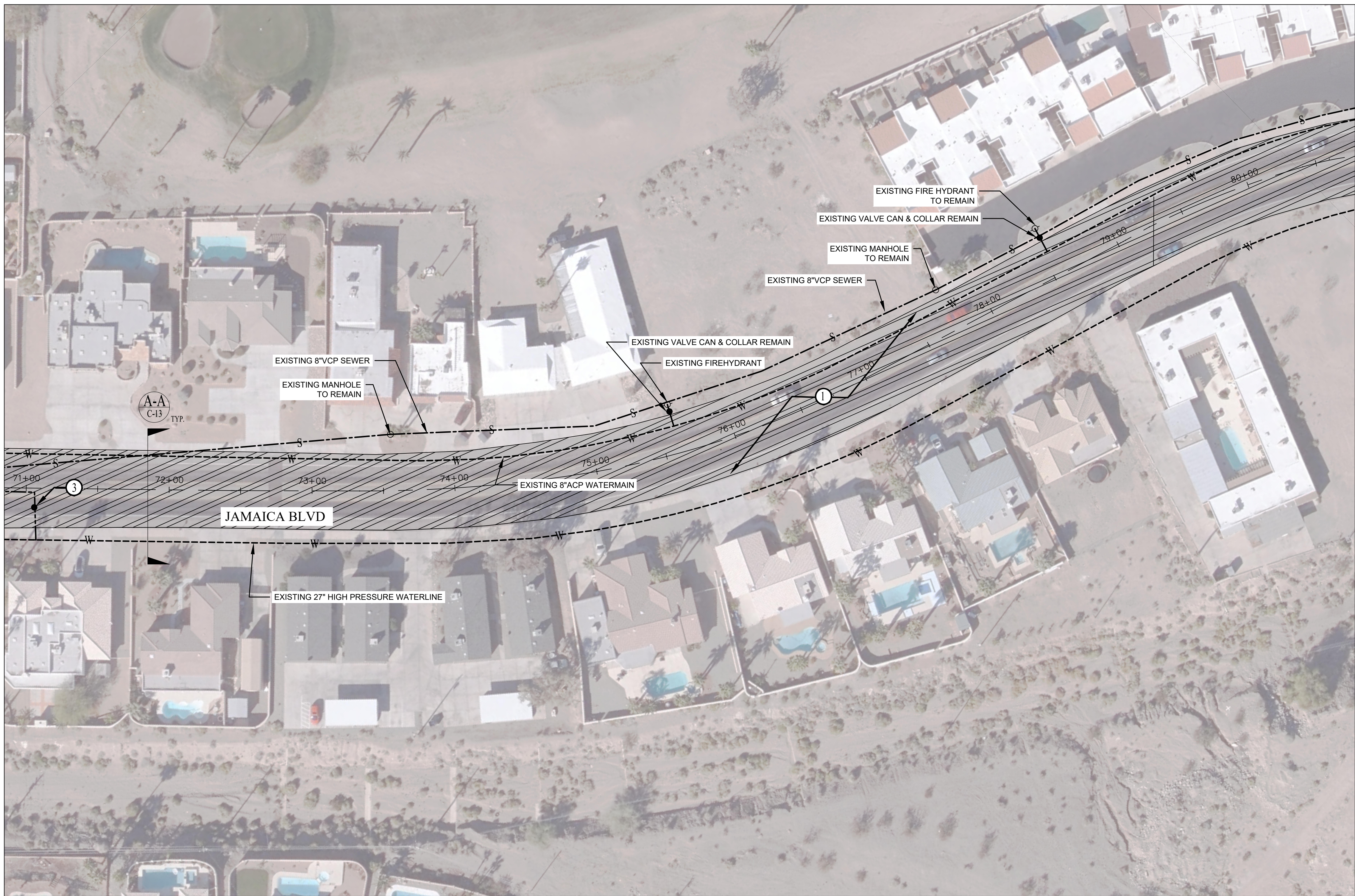
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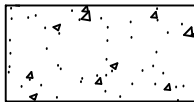
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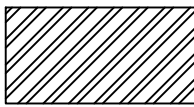
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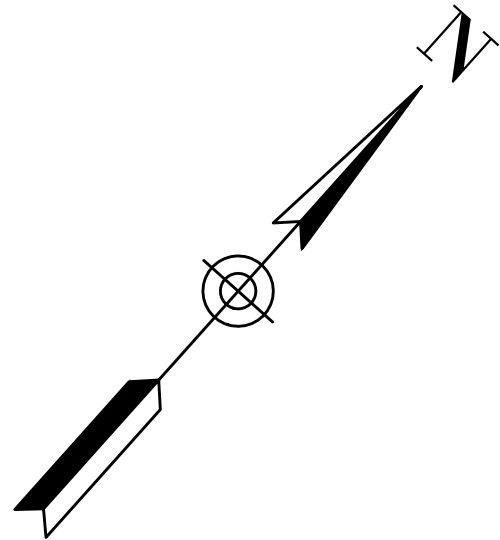
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CONCRETE SIDEWALK OR DRIVEWAY



COLD MILL 1.5" & OVERAY 2.5" ASPHALT CONCRETE PAVEMENT



Jamaica Blvd Street Improvement Plan
SCALE 1"=40'

CONSTRUCTION NOTES:

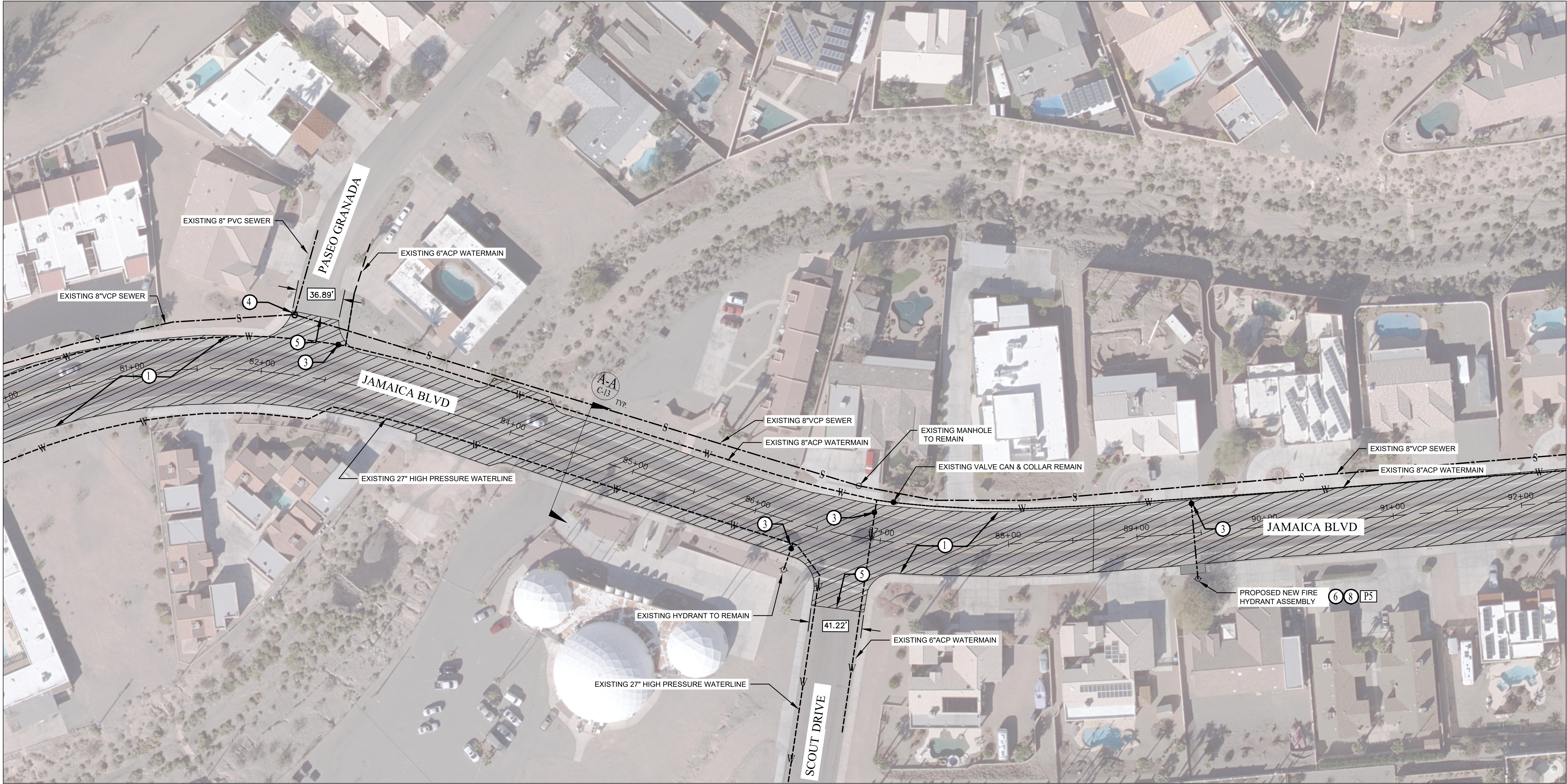
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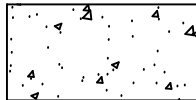
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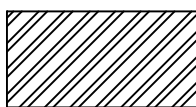
REVISIONS / SUBMISSIONS		DATE
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JAMAICA BLVD STREET IMPROVEMENTS		
DESIGNED BY: SMC DRAWN BY: SC CHECKED BY: MW DATE: 6/19/25 DWG SCALE: 1" = 40'		
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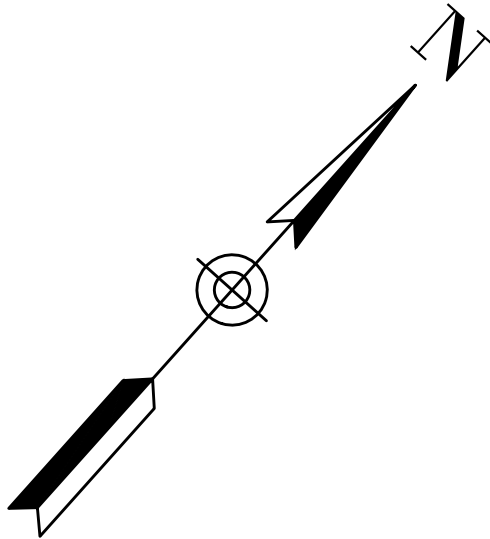
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CONCRETE SIDEWALK OR DRIVEWAY



COLD MILL 1.5" & OVERLAY 2.5" ASPHALT CONCRETE PAVEMENT



Jamaica Blvd Street Improvement Plan

SCALE 1"=40'

FIRE HYDRANT NOTES:

P5 2750 JAMAICA BLVD, LENGTH = 60.8'
NEW HYDRANT SERVICE INSTALL PER DETAIL 320, ON SHEET 14.

CONSTRUCTION NOTES:

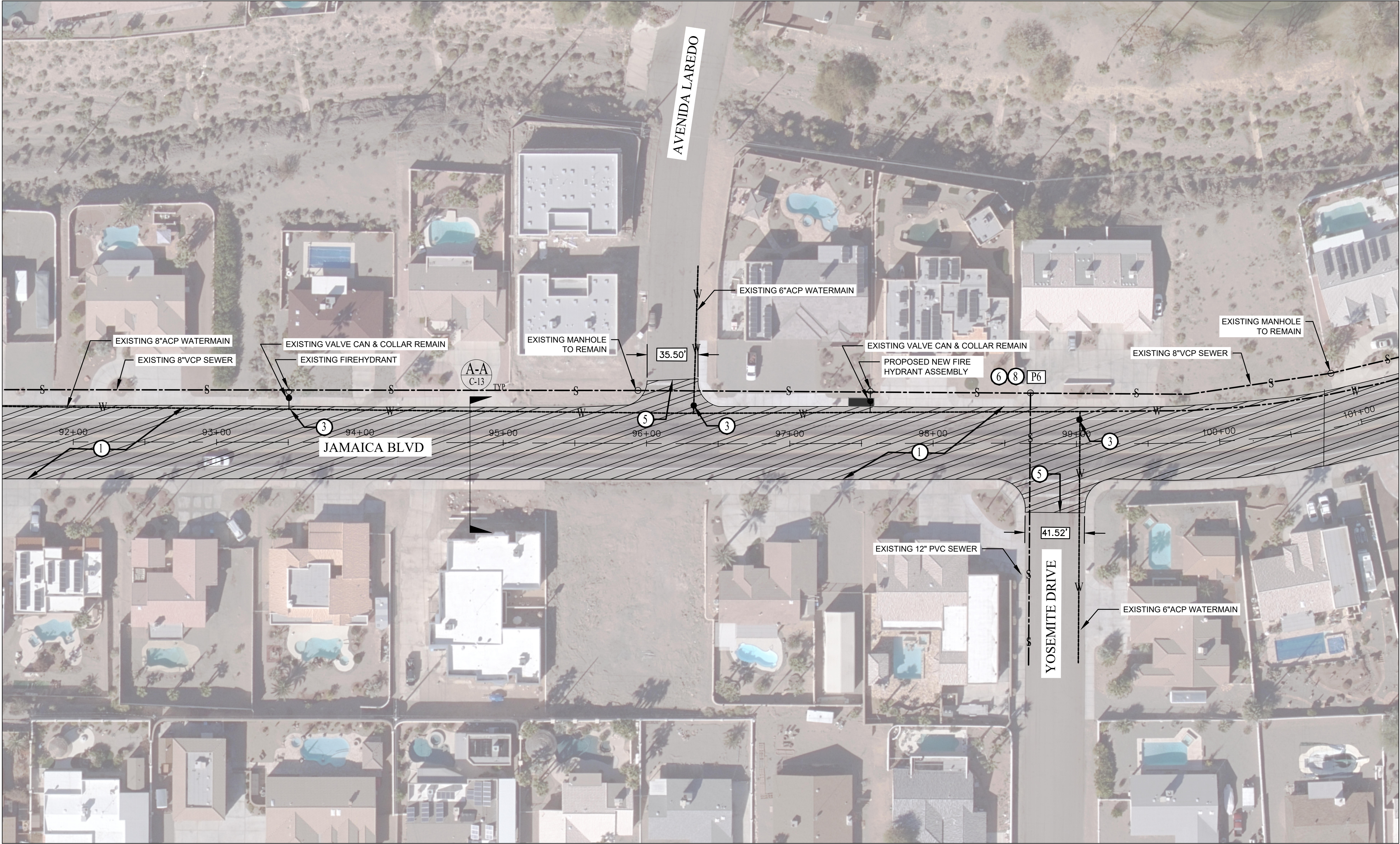
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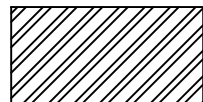
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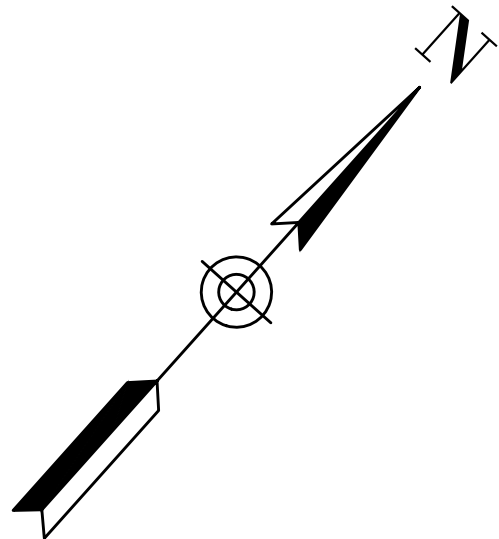


CONCRETE SIDEWALK OR DRIVEWAY



COLD MILL 1.5" & OVERLAY 2.5" ASPHALT CONCRETE PAVEMENT

Jamaica Blvd Street Improvement Plan
SCALE 1"=40'



FIRE HYDRANT NOTES:

P6 2807 JAMAICA BLVD, LENGTH = 12.9'
NEW HYDRANT SERVICE INSTALL PER DETAIL 320, ON SHEET 14.

CONSTRUCTION NOTES:

- 1 COLD MILL 1.5" DEPTH & OVERLAY 2.5" ASPHALT CONCRETE PAVEMENT.
- 2 EXISTING TO REMAIN / PROTECT IN PLACE.
- 3 NEW WATER VALVE CAN & RAISE CONCRETE COLLAR TO GRADE PER LHC STANDARD DETAIL 300.
- 4 RAISE MANHOLE TO GRADE PER MAG STANDARD 422-2.
30" RING AND COVER TO BE PROVIDED BY CONTRACTOR PER LAKE HAVASU STANDARD DETAIL 406.
- 5 SAWCUT EXISTING PAVEMENT AND TRANSITION PER DETAIL B-B ON SHEET C-13.
- 6 INSTALL NEW FIRE HYDRANT ASSEMBLY PER LHC DETAIL 320 & UTILITY TRENCH PATCH PER LHC DTL 200.
- 7 REMOVE AND RECONSTRUCT 6" CURB PER LHC DETAIL 213.

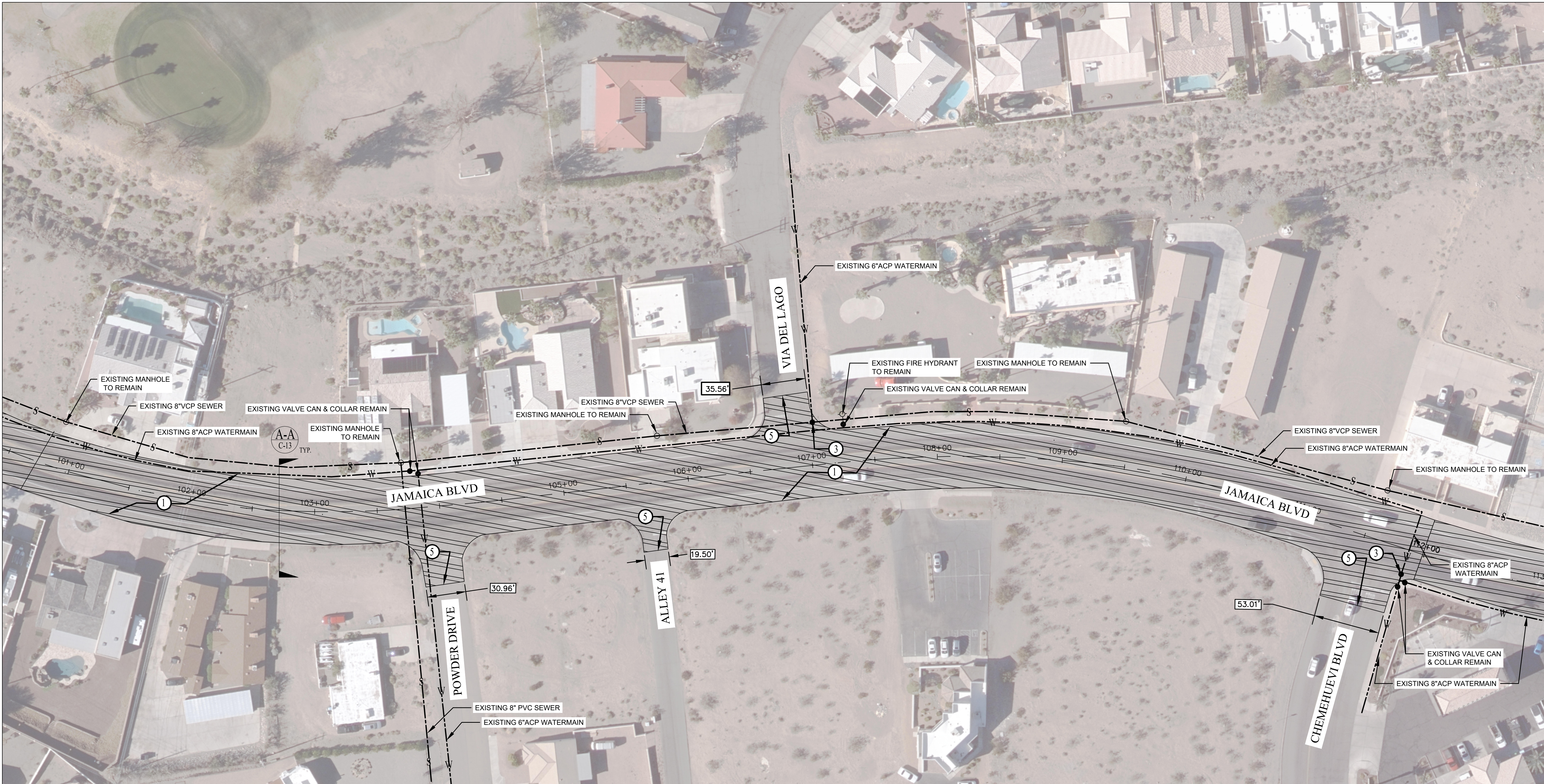
GENERAL NOTES:

1. CONTRACTOR SHALL MATCH EXISTING WHERE CONNECTING NEW AC PAVEMENT, CURB OR DRIVEWAY.
2. ACCESS TO BUSINESS AND HOMES SHALL BE MAINTAINED AT ALL TIMES.
3. CONTRACTOR SHALL PROTECT UTILITIES IN PLACE WHERE OCCURS.

REVISIONS / SUBMISSIONS		DATE
NO.	#	
	#	-
	#	-
	#	-
	#	-

JAMAICA BLVD STREET IMPROVEMENTS	
Designed by: SMC	
Drawn by: SC	
Checked by: MW	
Date: 6/19/25	
Dwg scale: 1" = 40'	

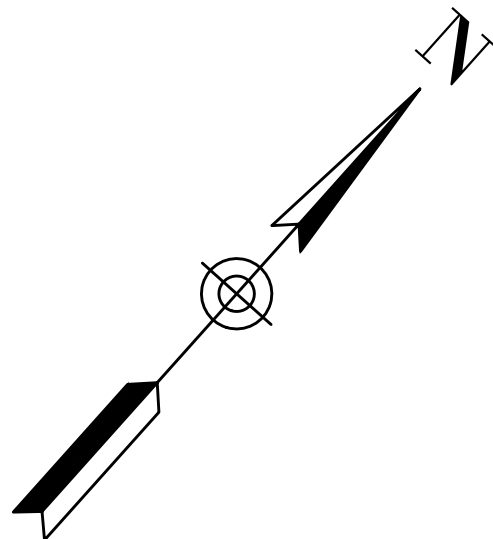
Sheet Number:
C-10
Sheet 10 of 14



LEGEND

- CONCRETE SIDEWALK OR DRIVEWAY
- COLD MILL 1.5" & OVERLAY 2.5" ASPHALT CONCRETE PAVEMENT

Jamaica Blvd Street Improvement Plan
SCALE 1"=40'



CONSTRUCTION NOTES:

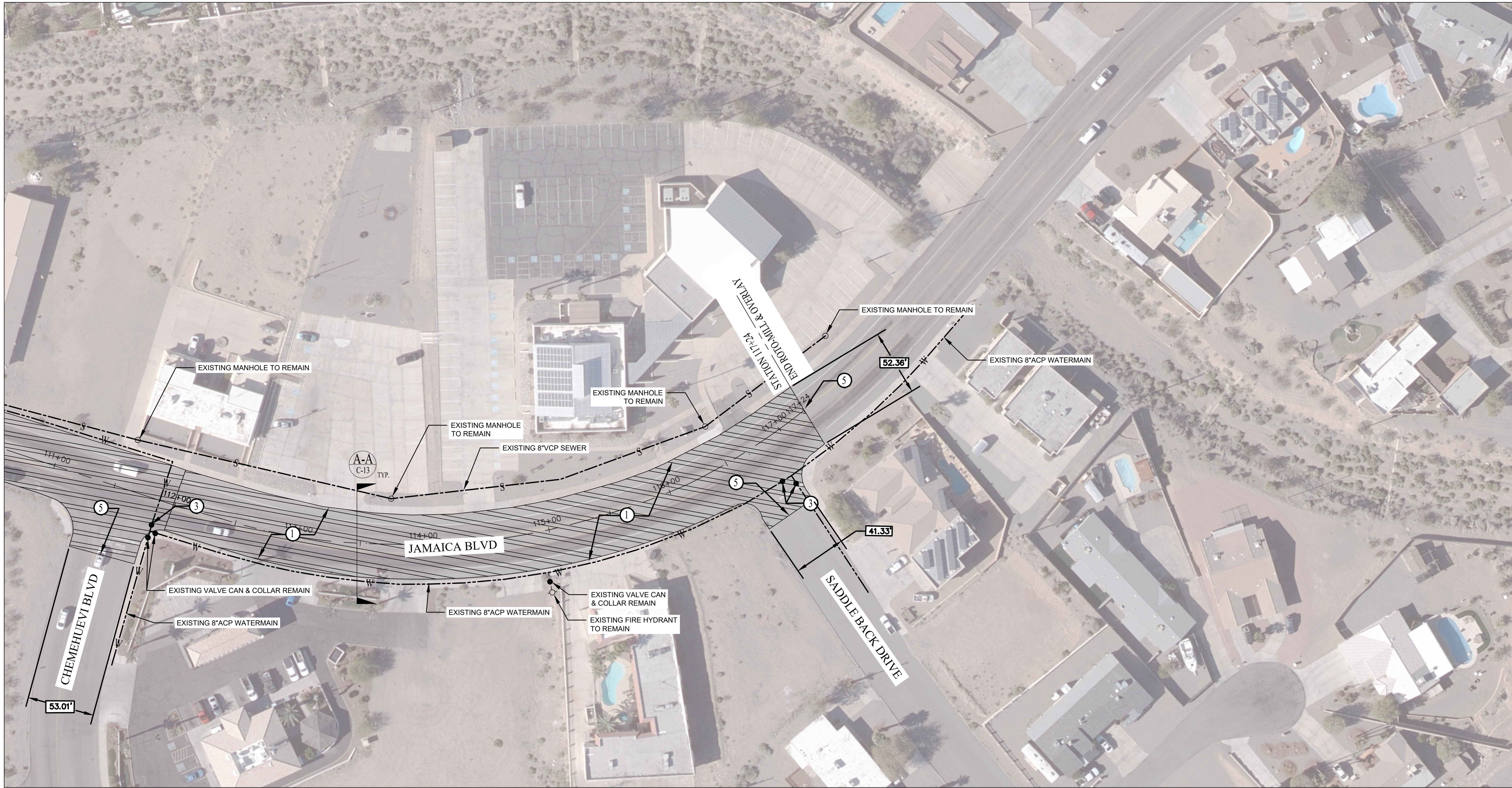
1. COLD MILL 1.5" DEPTH & OVERLAY 2.5" ASPHALT CONCRETE PAVEMENT.
2. EXISTING TO REMAIN / PROTECT IN PLACE.
3. NEW WATER VALVE CAN & RAISE CONCRETE COLLAR TO GRADE PER LHC STANDARD DETAIL 300.
4. RAISE MANHOLE TO GRADE PER MAG STANDARD 422-2. 30" RING AND COVER TO BE PROVIDED BY CONTRACTOR PER LAKE HAVASU STANDARD DETAIL 406.
5. SAWCUT EXISTING PAVEMENT AND TRANSITION PER DETAIL B-B ON SHEET C-13.
6. INSTALL NEW FIRE HYDRANT ASSEMBLY PER LHC DETAIL 320 & UTILITY TRENCHPATCH PER LHC DTL 200.
7. REMOVE AND RECONSTRUCT 6" CURB PER LHC DETAIL 213.

GENERAL NOTES:

1. CONTRACTOR SHALL MATCH EXISTING WHERE CONNECTING NEW AC PAVEMENT, CURB OR DRIVEWAY.
2. ACCESS TO BUSINESS AND HOMES SHALL BE MAINTAINED AT ALL TIMES.
3. CONTRACTOR SHALL PROTECT UTILITIES IN PLACE WHERE OCCURS.

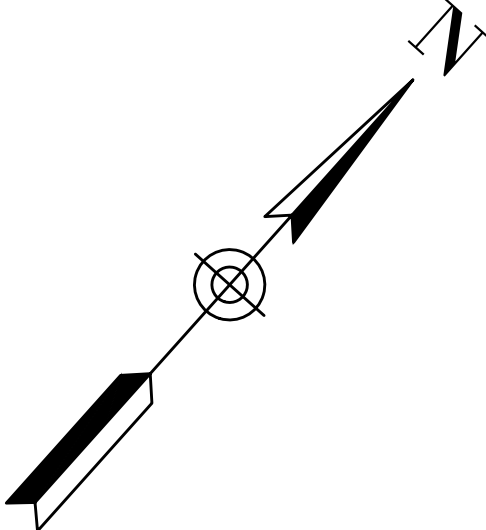


NO.		REVISIONS / SUBMISSIONS		DATE	
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#	#	-	-	-	-
LAKE HAVASU CITY, ARIZONA • 866 0410000					
JAMAICA BLVD STREET IMPROVEMENTS					
Designed by: SMC					
Drawn by: SC					
Checked by: MW					
Date: 6/19/25					
Dwg scale: 1" = 40'					
REGISTERED PROFESSIONAL ENGINEER CERTIFICATE NO. 69054 Shawn M. Clarke 6/23/25 Arizona EXPIRES 06-30-28					
Sheet Number:					
C-11					
Sheet 11 of 14					



LEGEND

- CONCRETE SIDEWALK OR DRIVEWAY
- COLD MILL 1.5" & OVERLAY 2.5" ASPHALT CONCRETE PAVEMENT

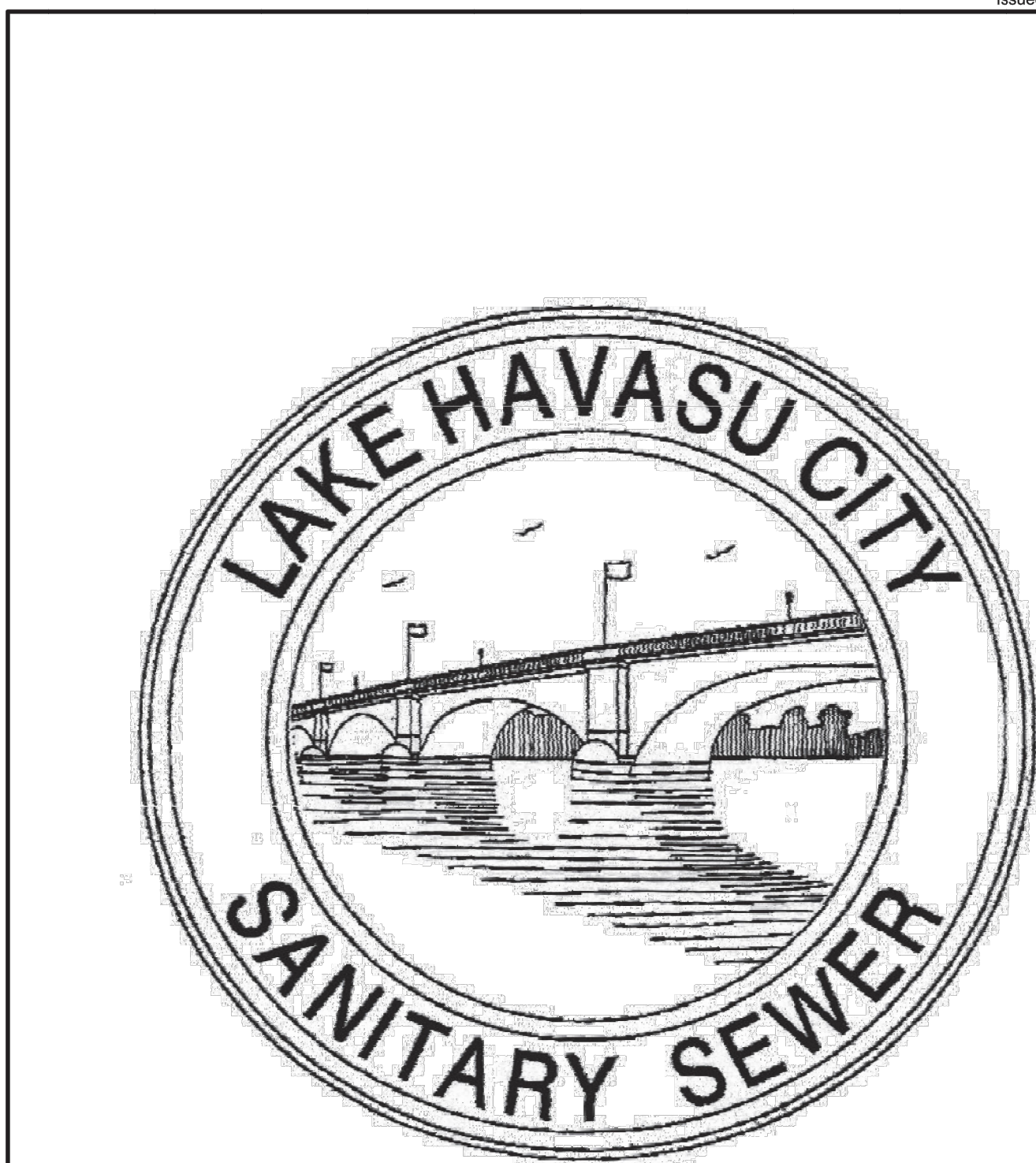
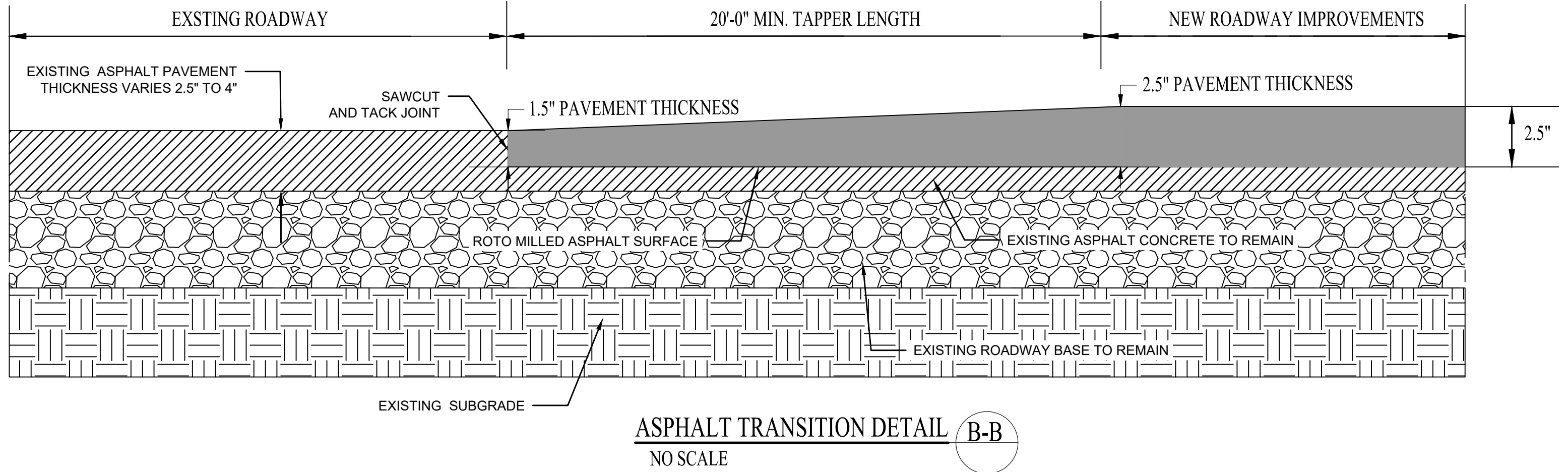
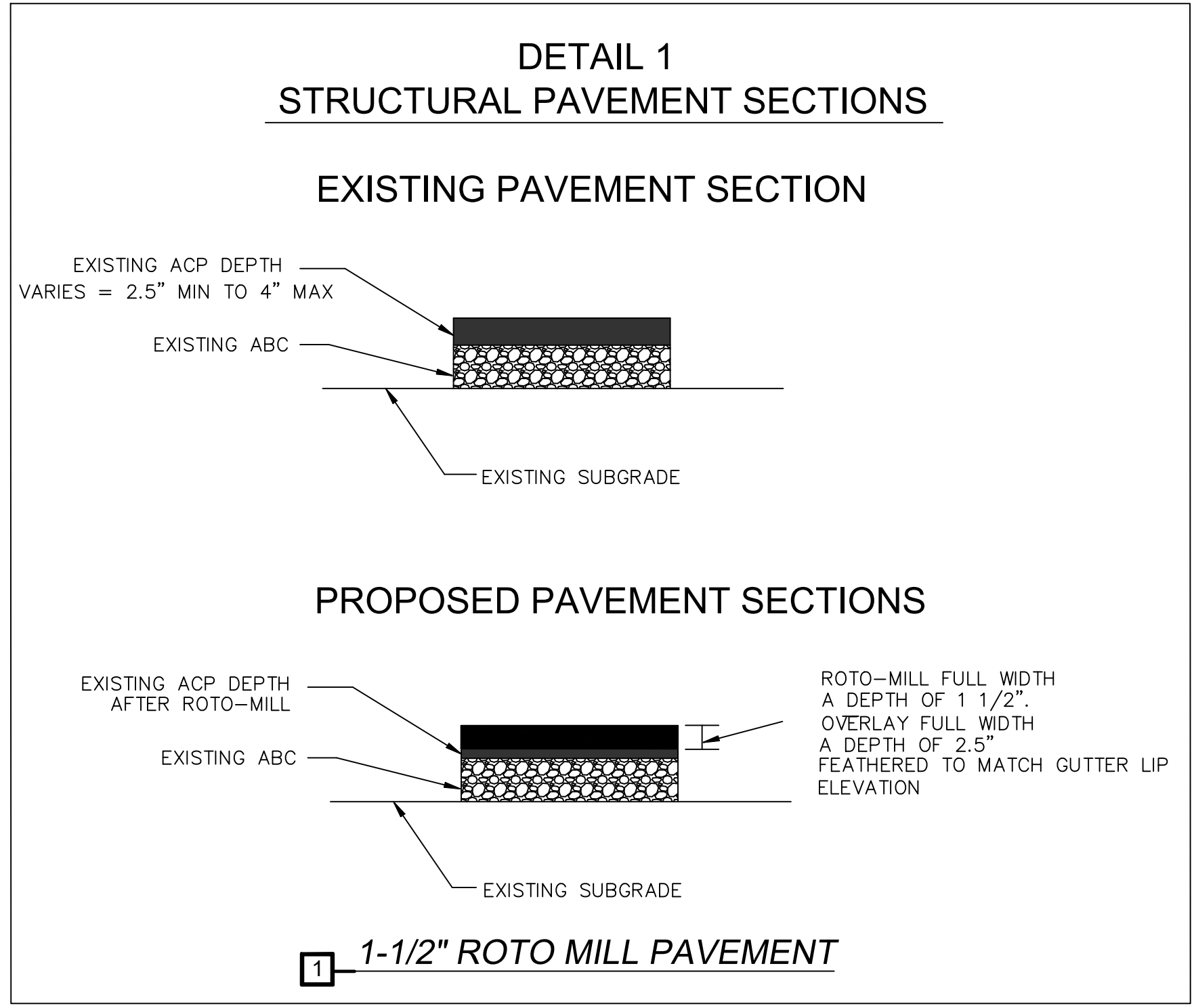
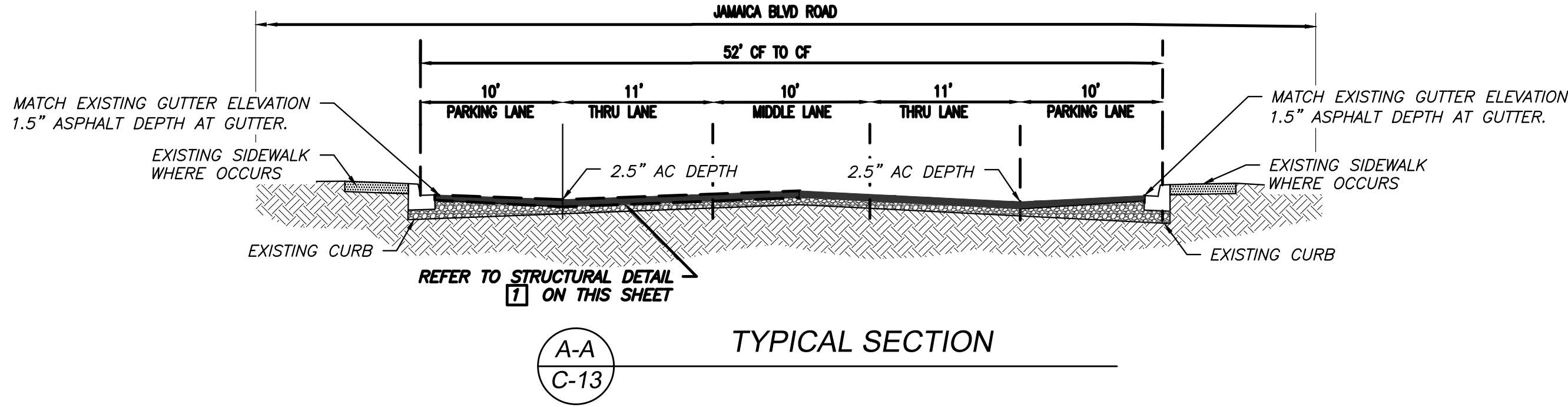
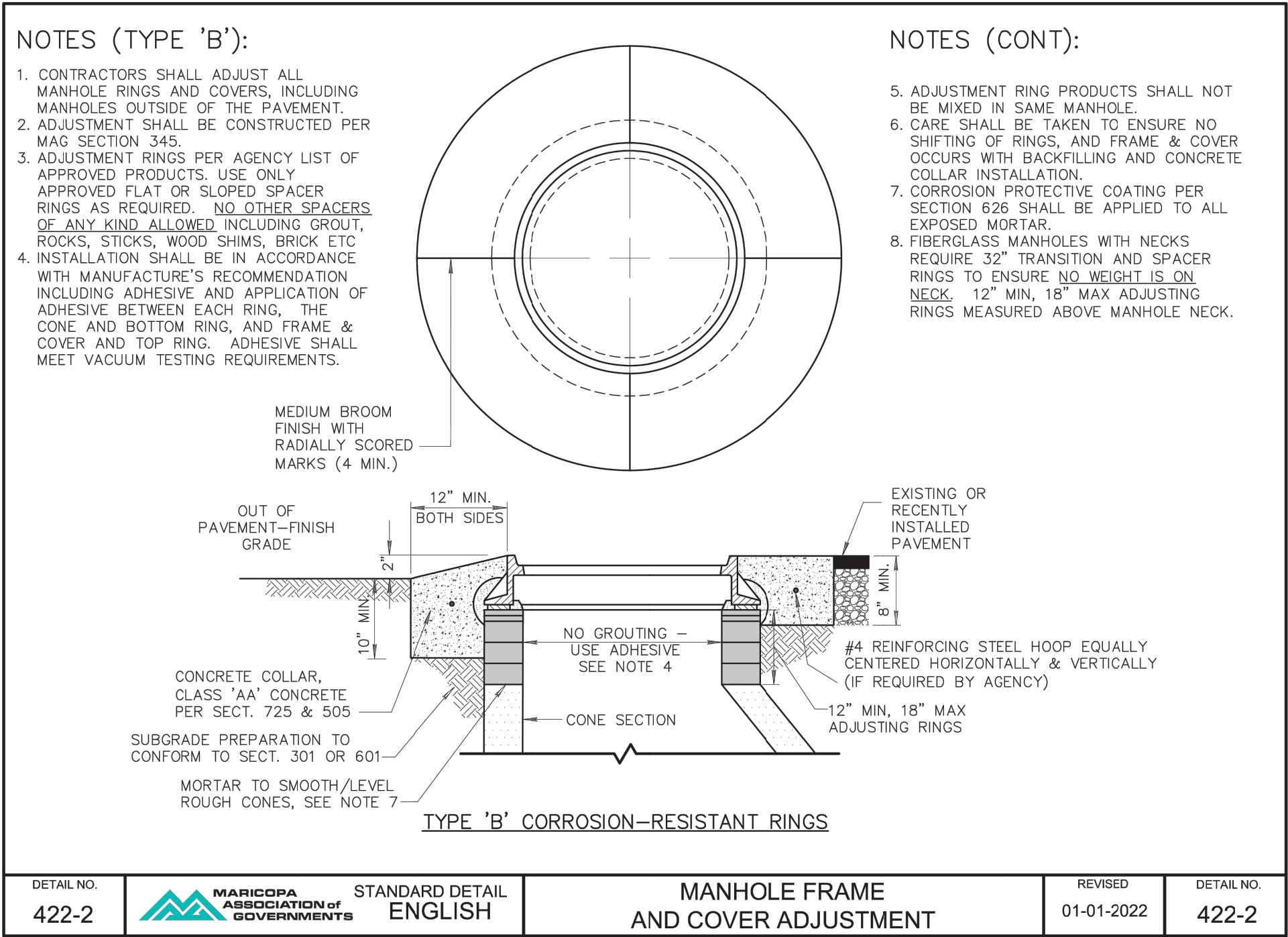


Jamaica Blvd Street Improvement Plan
SCALE 1"=40'

- CONSTRUCTION NOTES:
- COLD MILL 1.5" DEPTH & OVERLAY 2.5" ASPHALT CONCRETE PAVEMENT.
 - EXISTING TO REMAIN / PROTECT IN PLACE.
 - NEW WATER VALVE CAN & RAISE CONCRETE COLLAR TO GRADE PER LHC STANDARD DETAIL 300.
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- GENERAL NOTES:
- CONTRACTOR SHALL MATCH EXISTING WHERE CONNECTING NEW AC PAVEMENT, CURB OR DRIVEWAY.
 - ACCESS TO BUSINESS AND HOMES SHALL BE MAINTAINED AT ALL TIMES.
 - CONTRACTOR SHALL PROTECT UTILITIES IN PLACE WHERE OCCURS.

ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

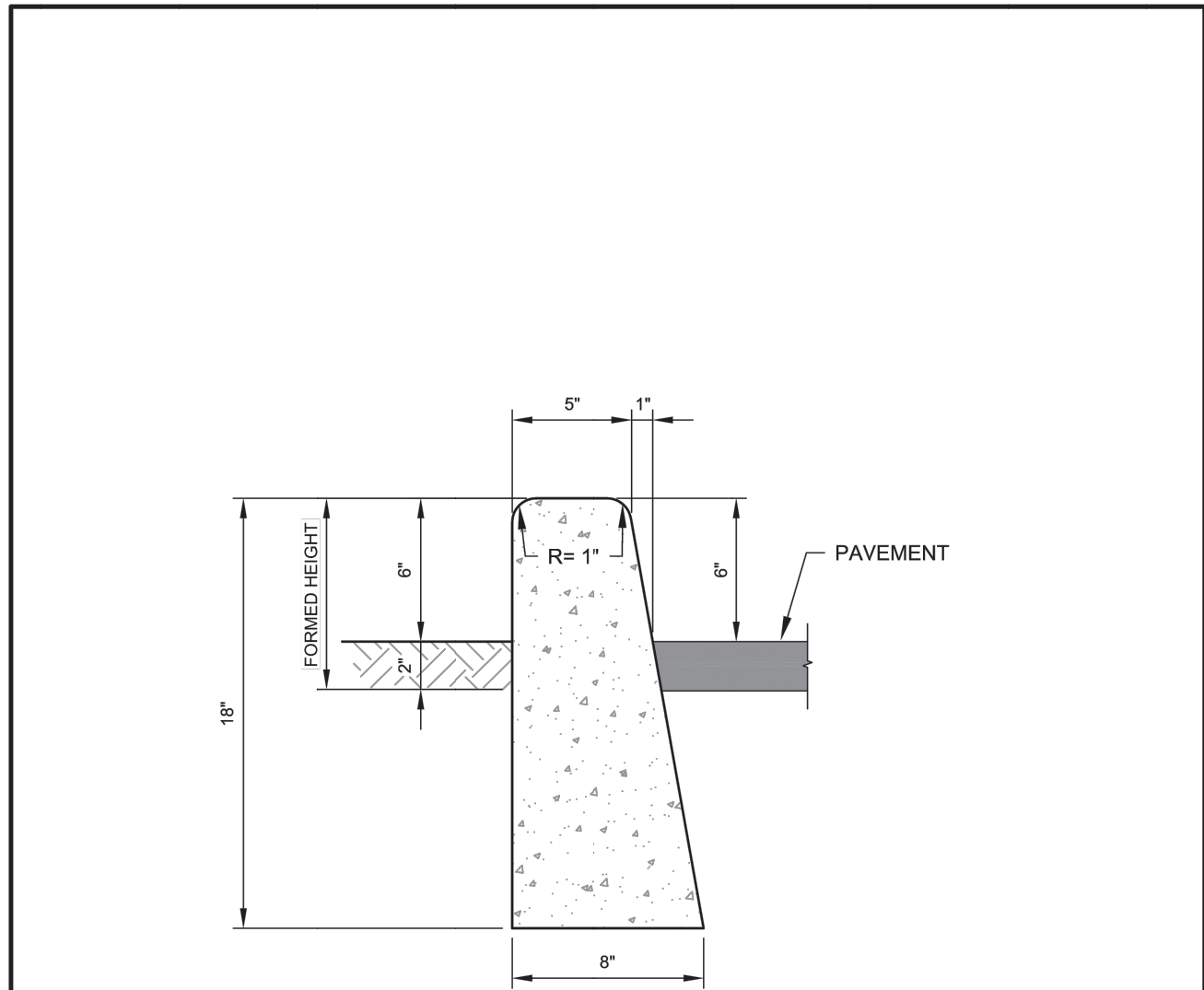
				DESIGNED PROFESSIONAL ENGINEER (CIVIL) 69054 Shawn M. Clarke 6/23/25 ONE LICENSE ARIZONA U.S.A. EXPIRES 06-30-28		LAKE HAVAS CITY, ARIZONA • 8641 BORRADO		JAMAICA BLVD STREET IMPROVEMENTS						NO. #		REVISIONS / SUBMISSIONS		DATE	
Designed by: SMC		Drawn by: SC		Checked by: MW		Date: 6/19/25		Dwg scale: 1" = 40'											



	Standard Details	Manhole Casting Cover	Scale: N.T.S. Detail No. 406
	Wastewater Improvements		

ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

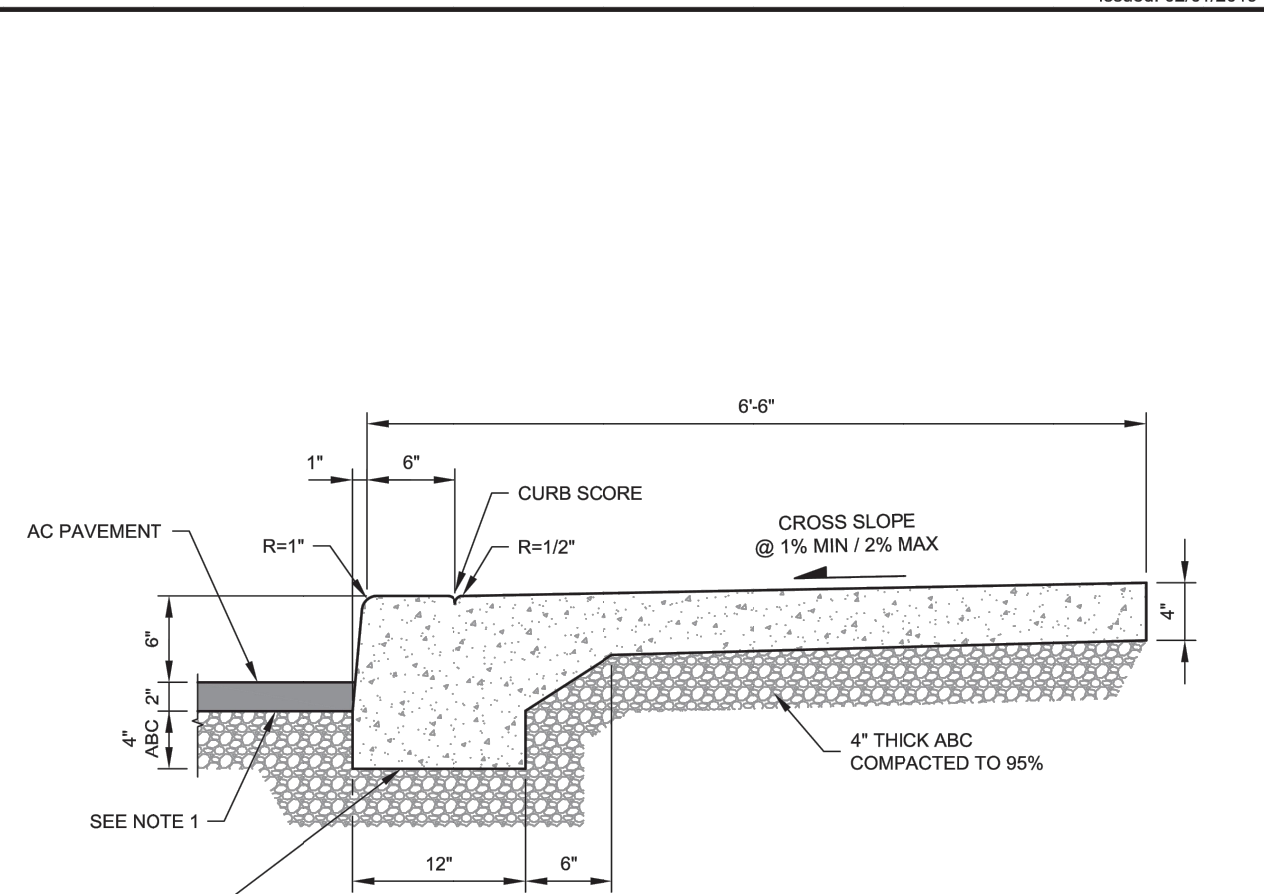
DATE	-	-	-	-
REVISIONS / SUBMISSIONS	-	-	-	-
NO.	#	#	#	#
JAMAICA BLVD STREET IMPROVEMENTS				
Designed by: SMC	Drawn by: SC	Checked by: MW	Date: 6/19/25	Dwg scale: NA
Sheet Number: C-13				
Sheet 13 of 14				



- NOTES:**
1. ALL VERTICAL SURFACES TO BE FORMED.
 2. CLASS 'B' CONCRETE 2500 PSI.
 3. ALL EXPOSED SURFACES TO BE TROWEL FINISHED EXCEPT AS SHOWN.
 4. CONTRACTION JOINT SPACING 10' MAX.
 5. H=6\"/>
 6. EXPANSION JOINTS PLACED AT INTERVALS NOT TO EXCEED 100 FEET.

	Standard Details	Vertical Curb	Scale: N.T.S. Detail No. 213
	Roadway Improvements		

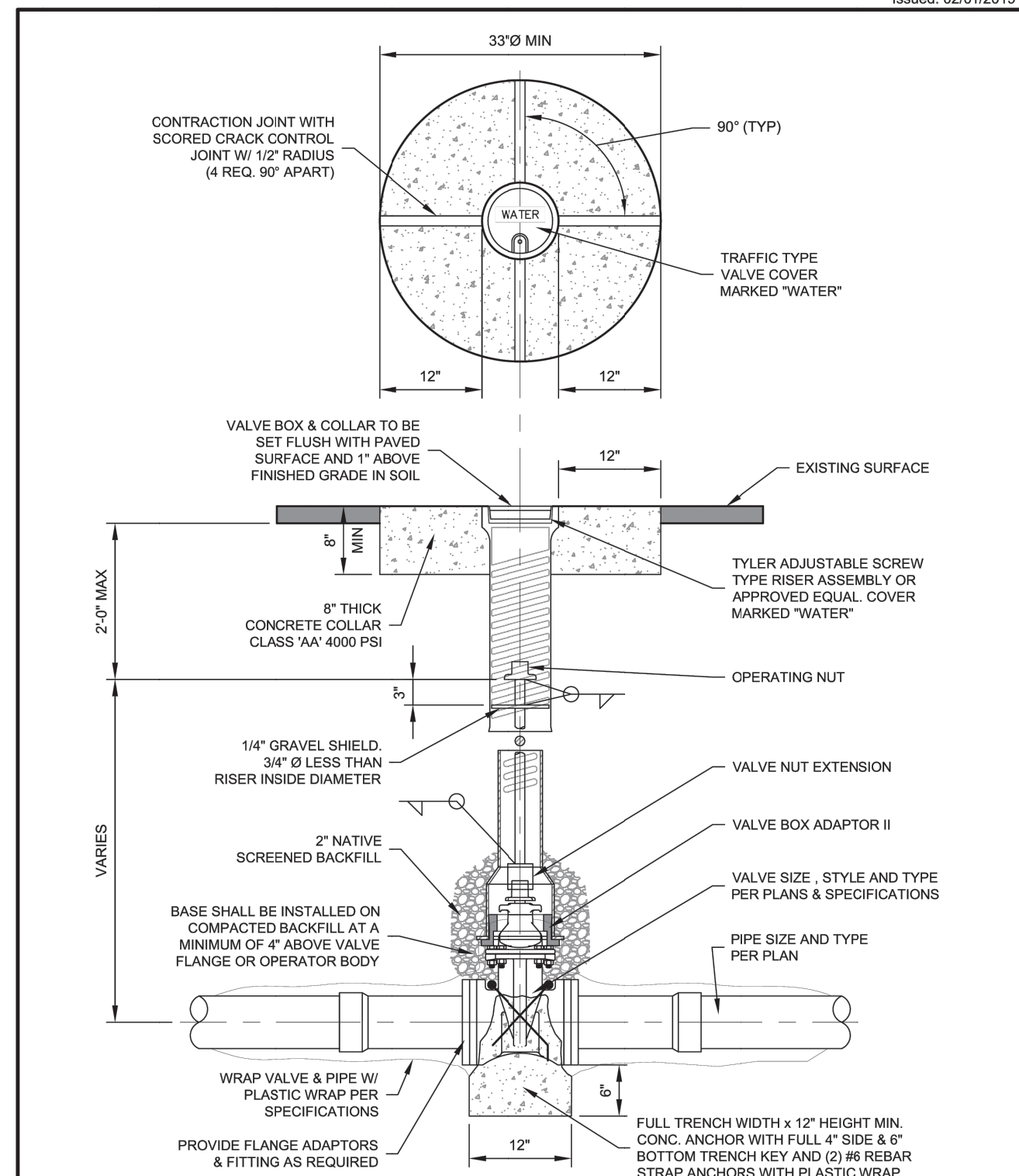
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- NOTES:**
1. FOR NEW INSTALLATION, ASPHALT SHALL BE PLACED AGAINST CONCRETE.
 2. CONSTRUCTION JOINTS SHALL BE DERESSED ONE INCH.
 3. SIDEWALK AND CURB PLACED MONOLITHICALLY.
 4. APPROVED CLASS 'A' 3000 PSI CONCRETE.
 5. APPROVED CURING PRACTICES, NO DIESEL.
 6. EXPANSION JOINTS PLACED AT INTERVALS NOT TO EXCEED 100 FEET.
 7. CURB CONTRACTION JOINTS CONSTRUCTED TO DEPTH OF ONE INCH AT 12-FOOT MAX INTERVALS. SIDEWALK CONTRACTION JOINTS REQUIRED AT 6-FOOT INTERVALS.
 8. ANY ABOVE-GROUND APPURTENANCE SHALL BE LOCATED OR RELOCATED OUT OF SIDEWALK.
 9. BOTTOM OF SIDEWALK CURB SHALL BE PLACED TO SAME SUB-BASE ELEVATION AS ROADWAY.

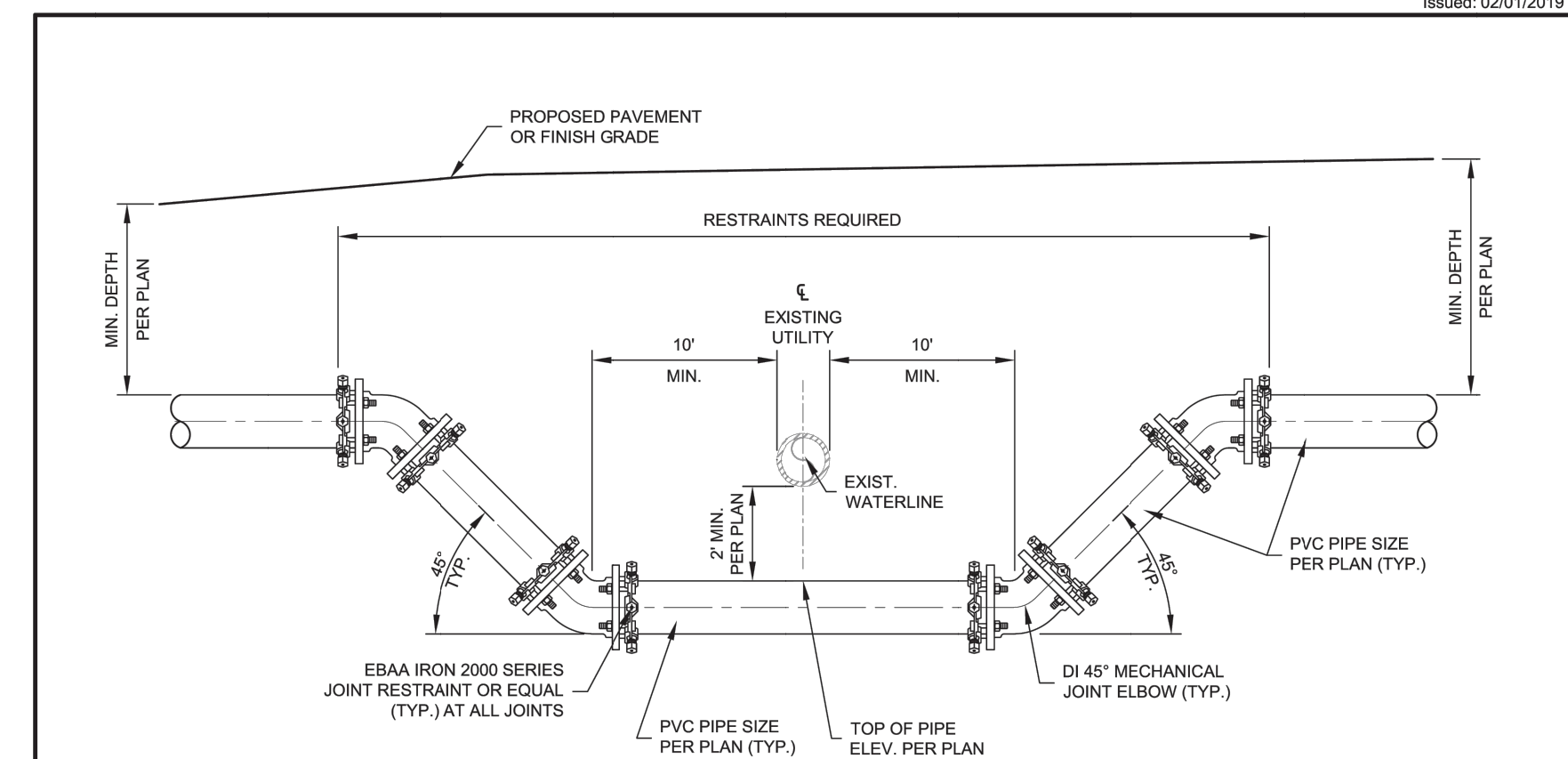
	Standard Details	Alternate Sidewalk/Curb	Scale: N.T.S. Detail No. 216
	Roadway Improvements		

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	Standard Details	Valve / Valve Riser	Scale: N.T.S. Detail No. 300
	Water Improvements		

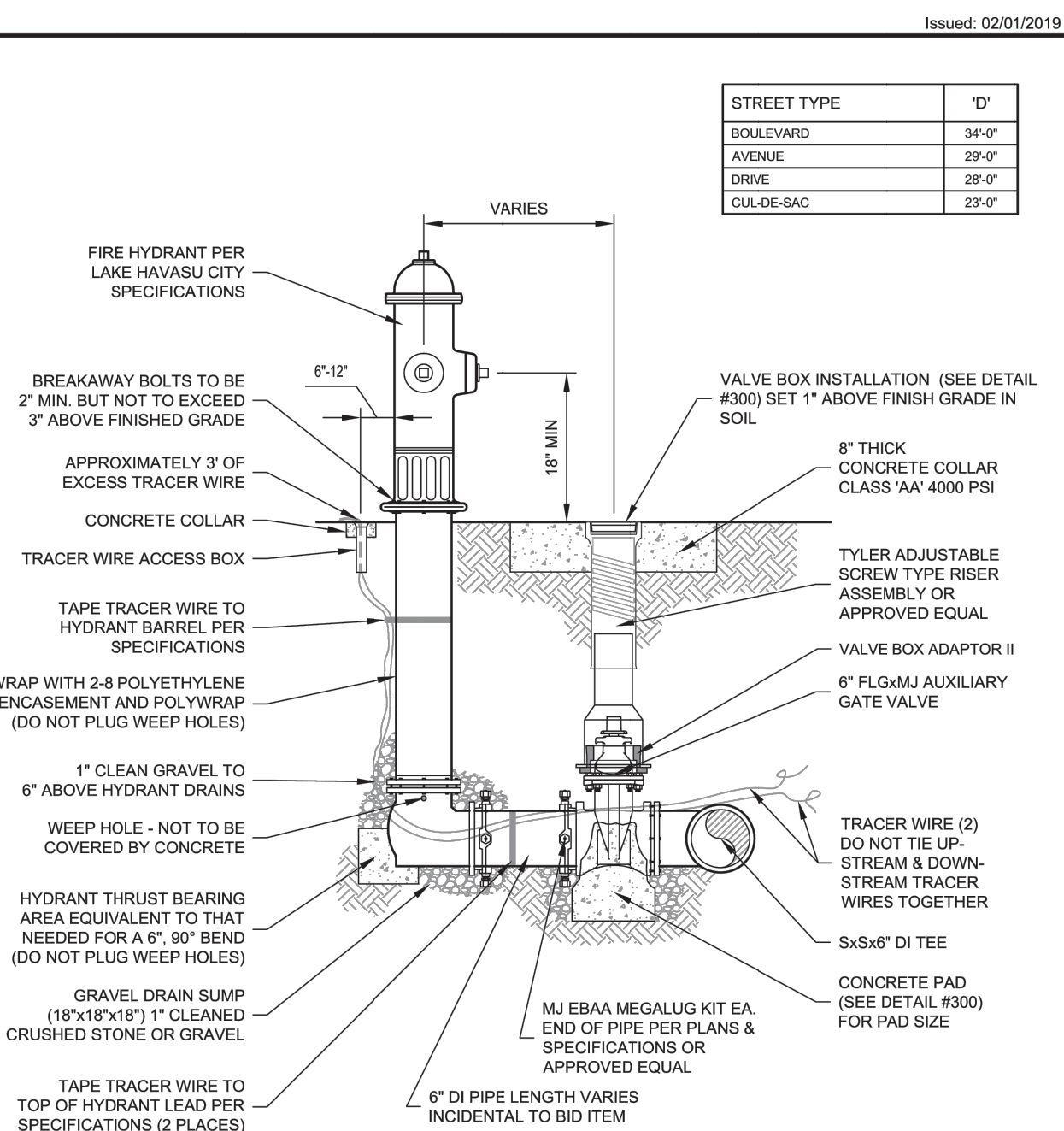
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- NOTES:**
1. CONTRACTOR SHALL FIELD VERIFY WATERLINE LOCATION.
 2. ALL PIPE FITTINGS SHALL BE PVC, SIZE TO MATCH PLANS.
 3. ALL PVC PIPE SHALL BE CONSTRUCTED WITH FLANGE RESTRAINTS.
 4. ELBOWS ONLY REQUIRED IF SHOWN ON PLANS.
 5. S = SIZE IN INCHES.

	Standard Details	Typical Drop Under Existing Waterline	Scale: N.T.S. Detail No. 318
	Water Improvements		

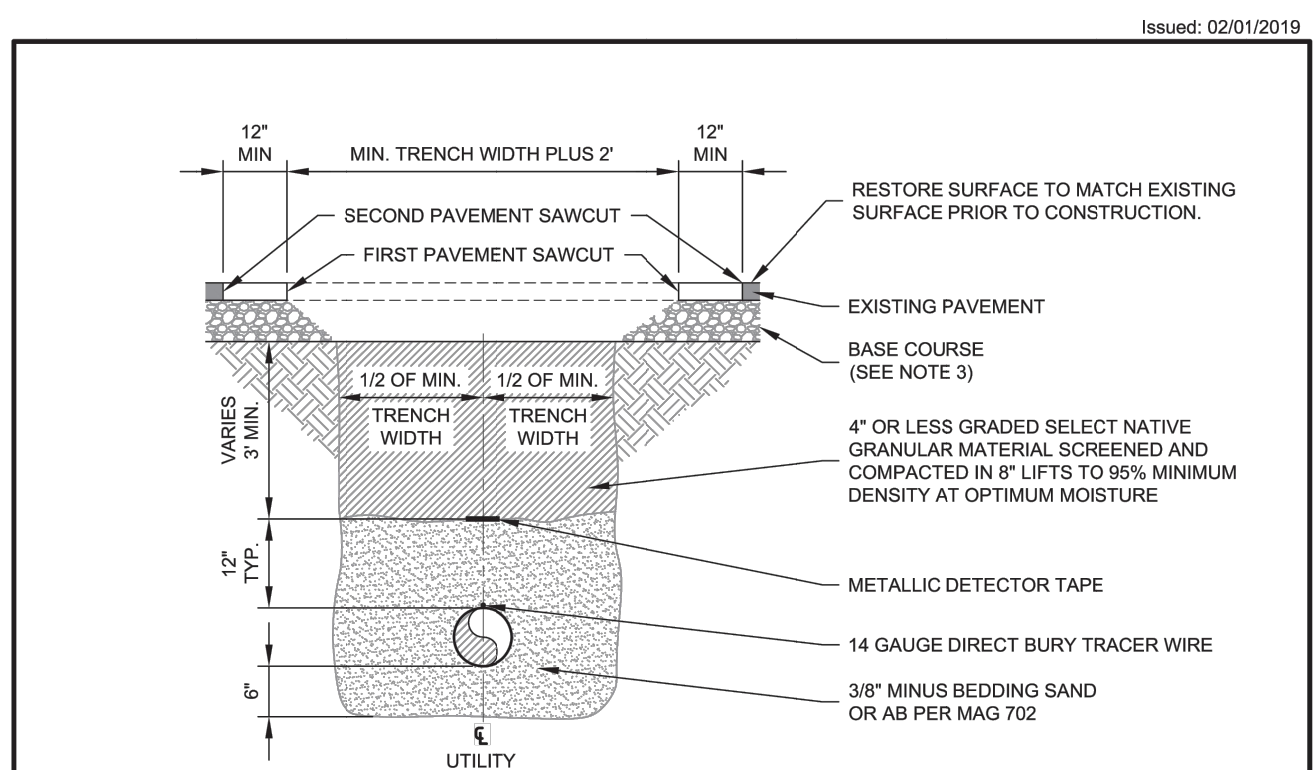
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- NOTE:**
1. THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS PRIOR TO SUBMITTAL. APPROVAL SHALL BE OBTAINED PRIOR TO ORDERING OF PARTS. CONTRACTOR IS RESPONSIBLE FOR APPROPRIATE BARREL LENGTH TO ACCOMMODATE ANY CHANGE IN GRADE OR PIPE ELEVATION.
 2. PUMPER CONNECTIONS TO FACE BUILDINGS OR STREET.
 3. S = MAIN SIZE.

	Standard Details	6" Fire Hydrant	Scale: N.T.S. Detail No. 320
	Water Improvements		

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MINIMUM TRENCH WIDTH TABLE				
PIPE DIAMETER	MINIMUM WIDTH	MINIMUM BETWEEN SAWCUTS		CONCRETE PAVEMENT
		FIRST SAWCUTS	SECOND SAWCUTS	
<8 IN.	24"	4'	6'	SECOND SAWCUT SHALL BE AT EXISTING JOINTS, SEE NOTE #9
8 IN.-12 IN.	30"	4'-6"	6'-6"	
14 IN.-18 IN.	36"	5'	7'	
20 IN.-24 IN.	42"	5'-6"	7'-6"	
24 IN.-36 IN.	1.25 (PIPE OD) PLUS 12 IN.	MIN. WIDTH PLUS 2'	MIN. WIDTH PLUS 4'	
>36 IN.	PER PLANS	MIN. WIDTH PLUS 2'	MIN. WIDTH PLUS 4'	

- NOTES:**
1. ALL SAWCUTS TO BE FULL DEPTH OF PAVEMENT.
 2. PATCH MATERIAL SHALL MATCH THE EXISTING PAVEMENT MATERIAL (eg CONCRETE PAVEMENT SHALL BE PATCHED WITH CONCRETE AND EXISTING ASPHALT PAVEMENT WITH ASPHALT).
 3. FOR ASPHALT PATCHES, BASE COURSE & ASPHALT CONCRETE THICKNESS IS TO MATCH EXISTING BUT IN NO CASE LESS THAN 0" BASE 2" ASPHALT CONCRETE.
 4. ALL EXISTING VERTICAL ASPHALT JOINTS SHALL BE TACK COATED.
 5. FINAL CONCRETE PAVEMENT REMOVALS SHALL BE TO THE NEAREST EXISTING JOINT (eg FULL PANEL REMOVAL AND REPLACEMENT).
 6. TRENCHES ARE SHOWN TO DIAGRAM PATCHING REQUIREMENTS. TRENCHES SHALL BE CONSTRUCTED TO MEET OSHA REQUIREMENTS.
 7. PAVEMENT REMOVAL BETWEEN FIRST AND SECOND SAW CUT SHALL BE REMOVED AT TIME OF HOT MIX PATCHING. DENSITY TESTING SHALL BE AT THE EXPENSE OF THE CONTRACTOR AND A COPY OF RESULTS SHALL BE PROVIDED TO THE CITY.
 8. MONITOR & MAINTAIN SURFACE CONDITION AND PERFORM ASPHALT REPAIRS UNDER 1-YEAR WARRANTY PROVIDED THROUGH PERMIT.
 9. ALL PATCH JOINTS SHOULD BE HENRY ASPHALT RESURFACER. SEALED OR APPROVED EQUAL.

	Standard Details	Utility Trench Patch	Scale: N.T.S. Detail No. 200
	Roadway Improvements		

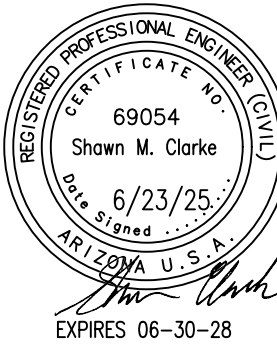
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DATE	REVISIONS / SUBMISSIONS	NO.
-	-	#
-	-	#
-	-	#
-	-	#



JAMAICA BLVD STREET IMPROVEMENTS

Designed by: **SMC**
Drawn by: **SC**
Checked by: **MM**
Date: **6/19/25**
Dwg scale: **NA**



Sheet Number: **C-14**
Sheet **14** of **14**