



# The meeting teleconference will begin shortly

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**PASSCODE: 3802020**

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to [comments@sbvmwd.com](mailto:comments@sbvmwd.com)

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Please use the chat feature in the Zoom toolbar to let the moderator know that you would like to make a comment during the meeting or use the digital “raise hand”  function in Zoom.



Please mute your microphone during the meeting to reduce background noise. Click on the microphone icon to unmute your microphone if needed.



# Call to Order

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Board of Directors Workshop- Engineering  
Tuesday, November 8, 2022

*Chairperson – Director Harrison*  
*Vice-Chair – Director Hayes*

# Introductions

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*Following the introduction of Directors and District staff, participants may use this time to state their name and agency/affiliation in order to be included in the formal record of attendees.*

# Public Comment

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Members of the public may address the Board regarding any item within the subject matter jurisdiction of the Board; however, no action may be taken on off-agenda items except as authorized by law. Each speaker is limited to a maximum of three (3) minutes.

# Discussion Item 3.1 (Pg. 3)

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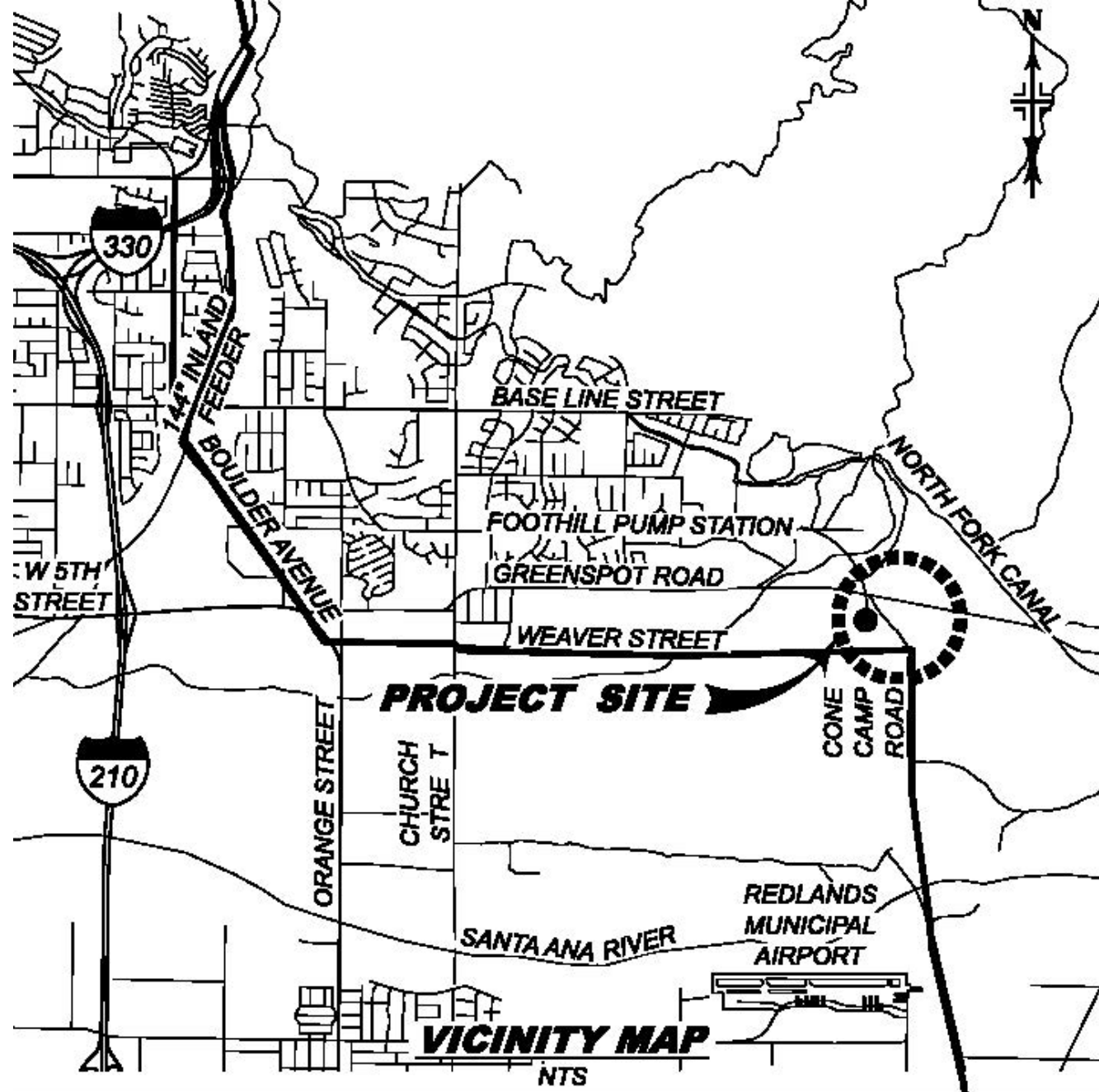
**Mike Esquer** – Senior Project Manager

**Wen Huang, PE, MS** – Deputy General Manager/Chief Engineer

Consider Developing an Agreement with Metropolitan Water District of Southern California for Proposed Intertie between Foothill Pump Station and Inland Feeder




## **Staff Recommendation**

Staff is recommending the Board authorize Staff to develop an agreement with the Metropolitan Water District of Southern California (MWDSC) to facilitate the design and construction of the proposed Intertie specifically for the Foothill Pump Station (FPS) pumping operations from the MWDSC's Diamond Valley Lake (DVL) to the MWDSC's Foothill Feeder.



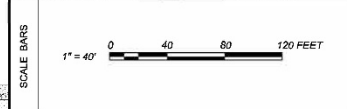
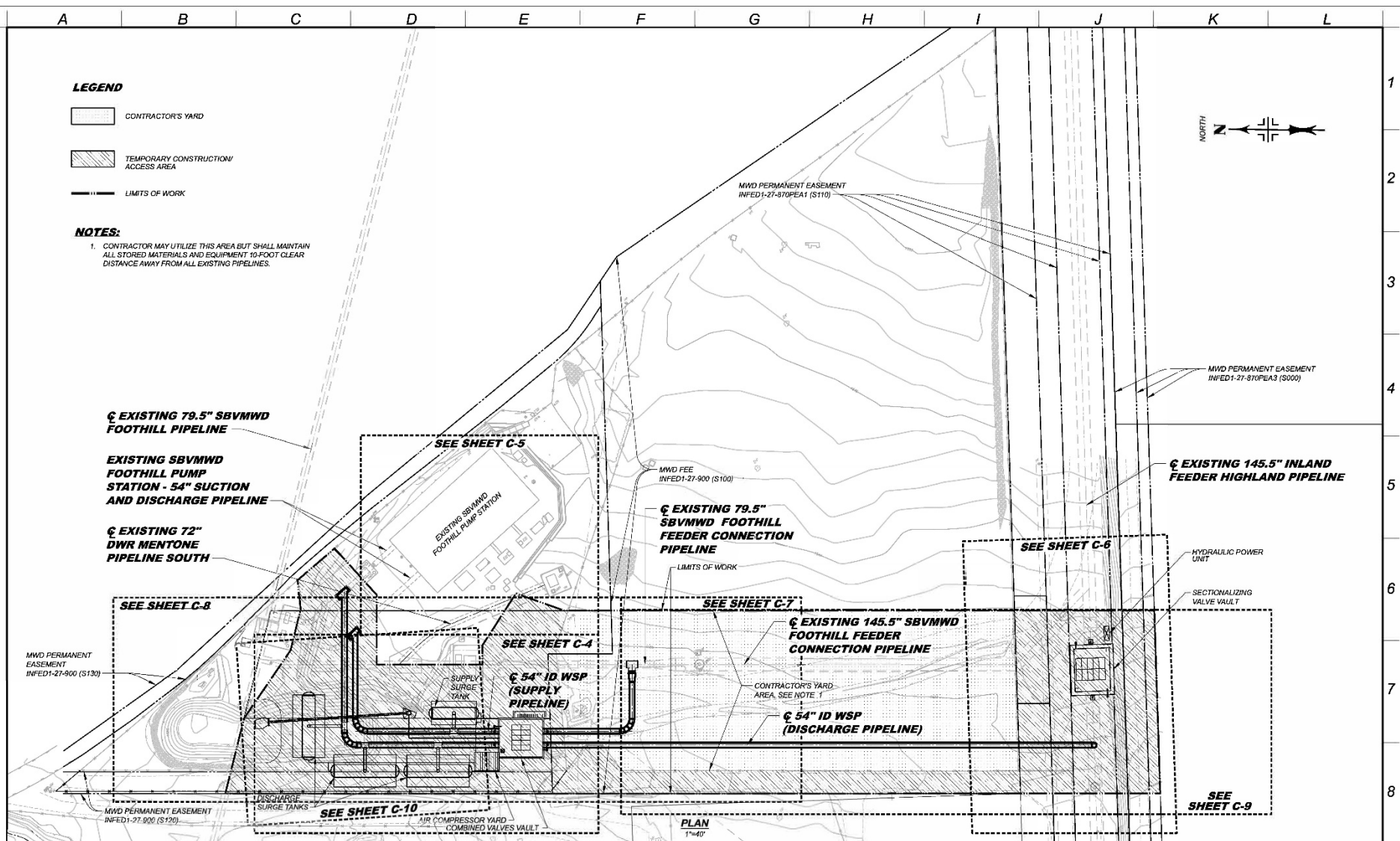
DR

**LEGEND**

-  CONTRACTOR'S YARD
-  TEMPORARY CONSTRUCTION/ ACCESS AREA
-  LIMITS OF WORK

**NOTES:**

1. CONTRACTOR MAY UTILIZE THIS AREA BUT SHALL MAINTAIN ALL STORED MATERIALS AND EQUIPMENT 10-FOOT CLEAR DISTANCE AWAY FROM ALL EXISTING PIPELINES.



PHASE 1  
FINAL DESIGN  
SUBMITTAL  
OCTOBER 10, 2022

ISSUE DESCRIPTION  
BID ISSUE

ISSUE DATE: OCTOBER 2022

**MWD**  
METROPOLITAN WATER DISTRICT OF  
SOUTHERN CALIFORNIA

DESIGNED CONSULTANT  
DRAWN CONSULTANT  
CHECKED

FOR DRAWING APPROVALS SEE  
**B-000000**

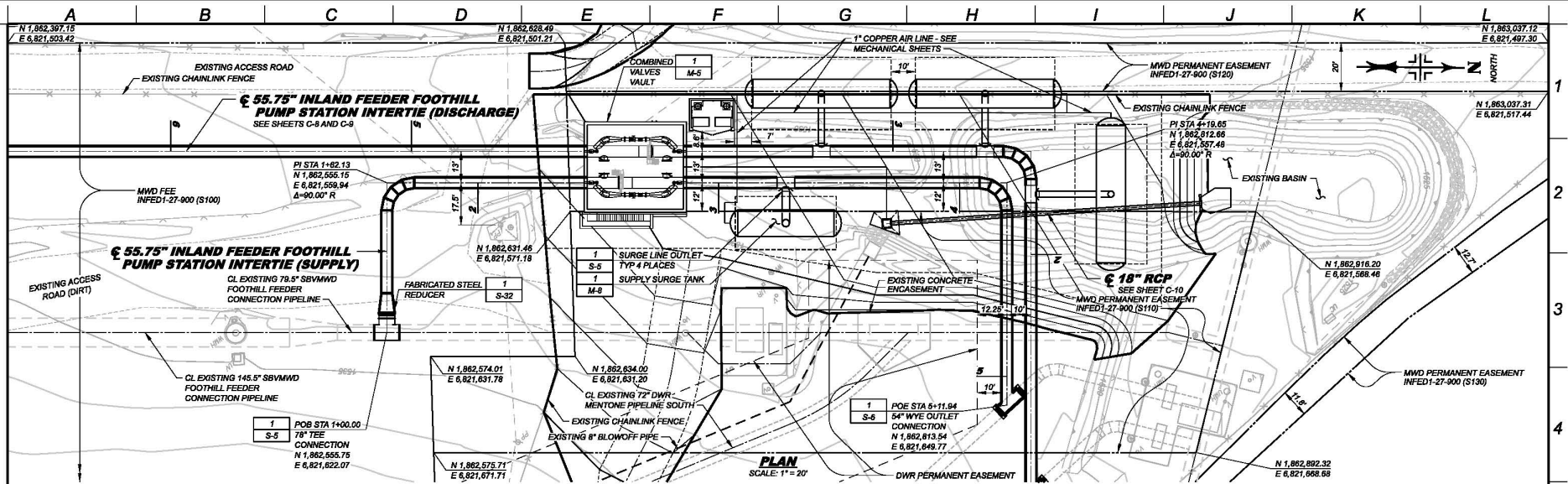
CONVEYANCE SYSTEM  
INLAND FEEDER  
INLAND FEEDER - SBVMWD FOOTHILL PUMP STA INTERTIE, PHASE 1

OVERALL SITE PLAN

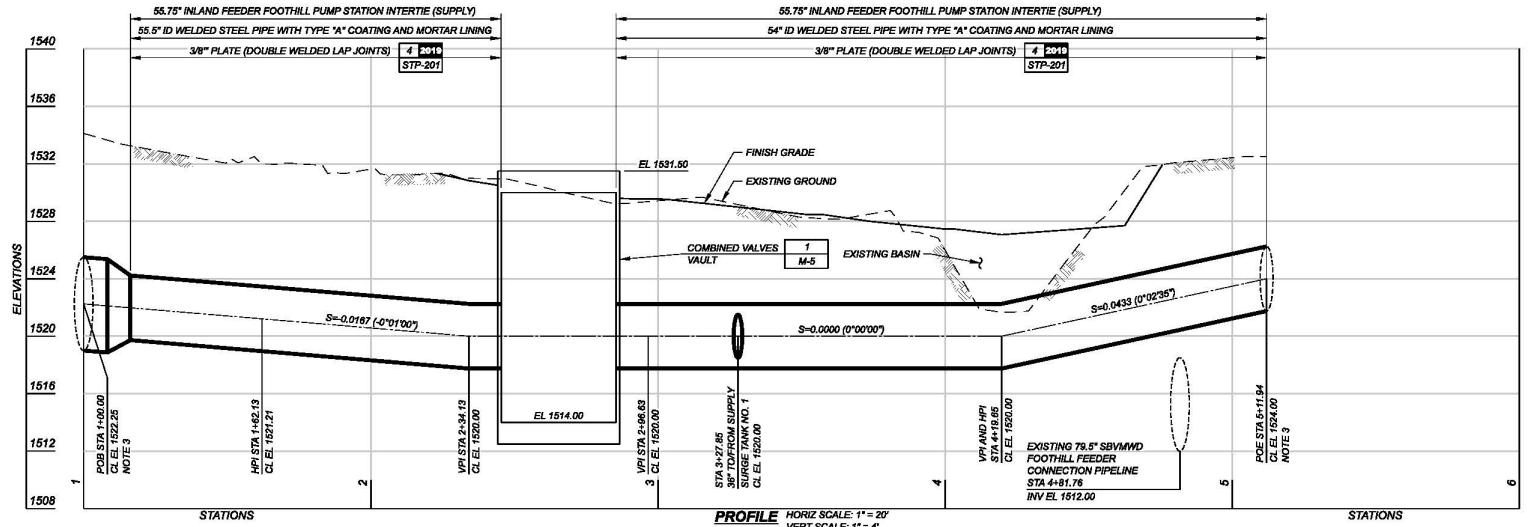
SPECIFICATIONS	2049
PROJECT NUMBER	105340
SHEET	C-3
DWG	B-000000
REV	0



**HDR**



**PLAN**  
SCALE: 1" = 20'



**PROFILE** HORIZ SCALE: 1" = 20'  
VERT SCALE: 1" = 4'

- NOTES:**
1. FOR DRAWING INDEX, SEE SHEET G-2.
  2. FOR CIVIL LEGEND, SEE SHEET C-1. FOR CIVIL ABBREVIATIONS, SEE SHEET C-2.
  3. CONTRACTOR TO POT HOLE FIELD VERIFY EXISTING PIPELINE ELEVATION PRIOR TO PIPE FABRICATION.



**PHASE 1  
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STAMPING ENGINEER IS RESPONSIBLE FOR CURRENT DRAWING REVISION

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DESIGNED CONSULTANT  
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CHECKED  
FOR DRAWING APPROVALS SEE  
**B-000000**

CONVEYANCE SYSTEM  
**INLAND FEEDER**  
INLAND FEEDER - SBVMWD FOOTHILL PUMP STA INTERTIE, PHASE 1  
**54-INCH SUPPLY PIPELINE  
PLAN AND PROFILE  
STA 1+00 TO STA 5+11.94**

SPECIFICATIONS  
2049  
PROJECT NUMBER  
105340  
SHEET  
C-7  
DWG  
B-000000  
REV  
0



**LEGEND:**

	6" CMB SURFACING	1
	CONC	C-5

- NOTES:**
- FOR DRAWING INDEX, SEE SHEET G-2. FOR REFERENCE DRAWINGS SEE SHEET G-3. FOR GENERAL NOTES SEE SHEET G-4.
  - FOR CIVIL LEGEND, CIVIL ABBREVIATIONS, AND CIVIL NOTES, SEE SHEETS C-1 TO C-3.
  - FOR EXISTING AND PROPOSED SUBSURFACE UTILITIES, SEE OVERALL SITE PLAN ON SHEET C-3.
  - SEE SECTION FOR 02200 OF THE WRITTEN SPECIFICATIONS FOR EARTHWORK REQUIREMENTS.
  - 6 INCH THICK COMPACTED CRUSHED MISCELLANEOUS BASE SURFACING.
  - CONSTANT SLOPES SHALL BE CONSTRUCTED BETWEEN INDICATED FLOW LINE ELEVATIONS.
  - COORDINATES ARE SHOWN TO THE OUTSIDE CORNERS OF THE VALVE STRUCTURE.

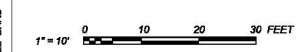
**GEOMETRY DATA TABLE**

NO	NORTHING	EASTING	FG ELEVATION	COMMENTS
1	1,862,146.56	6,821,596.87	1536.25	OUTSIDE VAULT CORNER
2	1,862,148.55	6,821,643.83	1537.60	OUTSIDE VAULT CORNER
3	1,862,108.58	6,821,645.52	1539.40	OUTSIDE VAULT CORNER
4	1,862,106.59	6,821,598.57	1537.05	OUTSIDE VAULT CORNER
5	1,862,152.66	6,821,530.41	1534.23	BEGIN ACCESS ROAD / JOIN EXISTING
6	1,862,150.31	6,821,555.61	-	HORIZONTAL PI
7	1,862,154.82	6,821,585.35	-	HORIZONTAL PI
8	1,862,161.25	6,821,631.06	1536.97	END ACCESS ROAD / JOIN EXISTING
9	1,862,122.81	6,821,562.68	-	HORIZONTAL PI
10	1,862,113.18	6,821,526.85	1533.97	BEGIN ACCESS ROAD / JOIN EXISTING
11	1,862,103.72	6,821,578.17	-	BEGIN RETAINING WALL / TOW ELEV 1539.00
12	1,862,107.45	6,821,666.09	-	END RETAINING WALL / TOW ELEV 1543.00
13	1,862,105.08	6,821,578.61	-	FENCE CORNER
14	1,862,128.28	6,821,577.63	-	FENCE CORNER
15	1,862,138.02	6,821,594.57	-	CENTER OF GATE
16	1,862,147.47	6,821,594.83	-	FENCE CORNER
17	1,862,149.90	6,821,652.28	-	CENTER OF GATE
18	1,862,150.39	6,821,663.77	-	FENCE CORNER
19	1,862,108.76	6,821,665.53	-	FENCE CORNER

**CURVE DATA**

NO	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)
A	100.00	11.88	23.67
B	30.00	12.82	24.24
C	30.00	10.90	20.92

**DRP**



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ISSUE DATE: OCTOBER 2022

**MWD**  
METROPOLITAN WATER DISTRICT OF  
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CONVEYANCE SYSTEM  
**INLAND FEEDER**  
INLAND FEEDER - SBVMWD FOOTHILL PUMP STA INTERTIE, PHASE 1

**SECTIONALIZING VALVE VAULT  
GRADING PLAN**

SPECIFICATIONS **2049**

PROJECT NUMBER **105340**

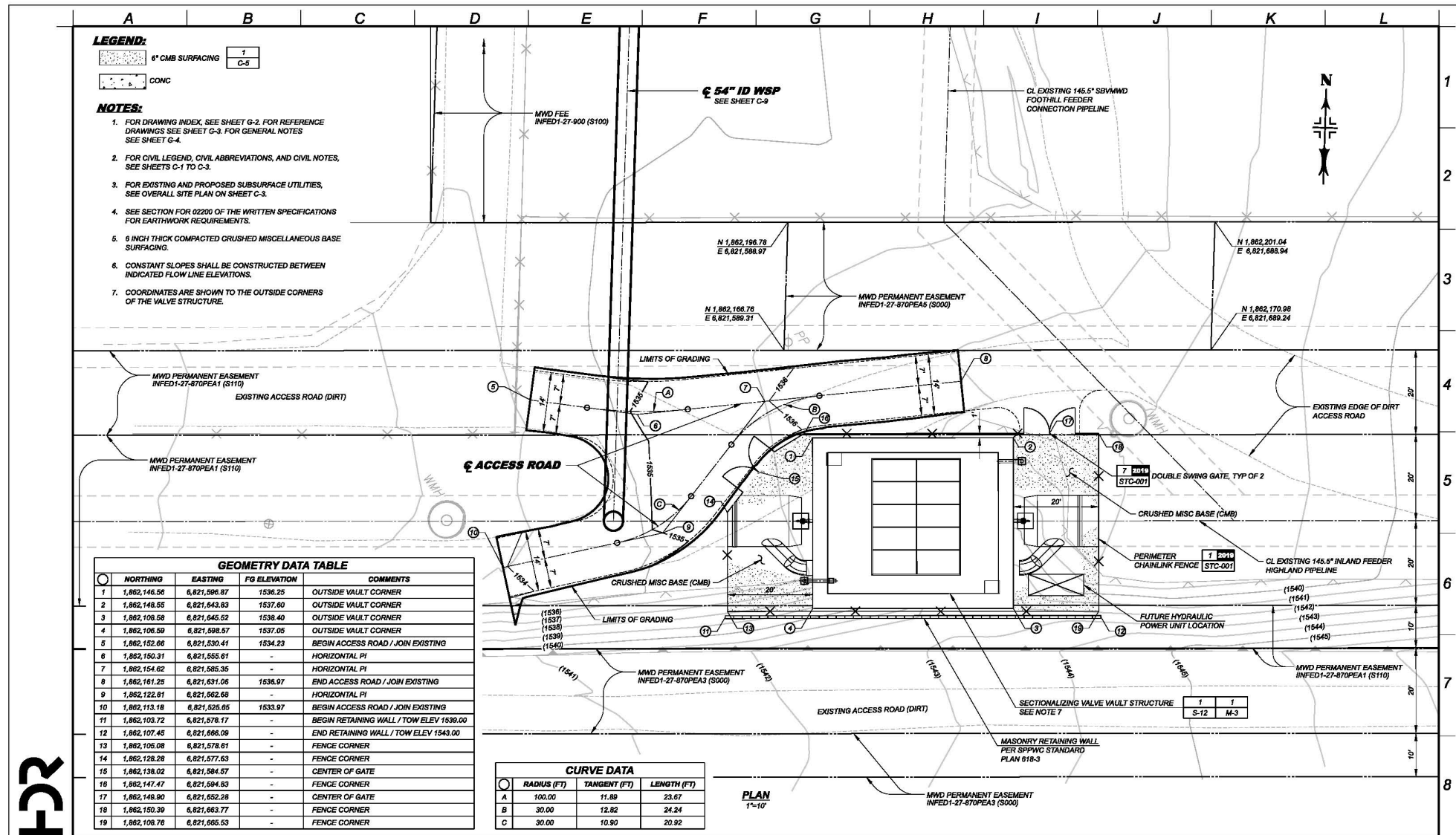
SHEET **C-6**

DWG **B-000000**

REV **0**

ORDER DATE: 09/19/2021  
FILE NAME: pw:\mwdh2o-pw.bentley.com\MWD\_Projects\Documents\Projects\Active Projects\105340 (Spec 2049) Inland Fdr-SBVMWD Foothill Pmp Sta, Phase 1/03 Final Design\Drawings\03 Civil\2049\_105340\_00c006  
PEN TABLE: MWD-HalfSizeBW.pen

USER NAME: DRP Engineering - Dombovsky, Steve  
PLOT TIME: Tuesday October 11, 2022 12:38



# Terms being considered for the Joint Operations Agreement

Operation

Maintenance and Repair

Metropolitan Access to Property

Costs

Term

# Director Comments and Discussion

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**Paul Kielhold**  
President



**June Hayes**  
Vice President



**T. Milford  
Harrison**  
Treasurer



**Gil J. Botello**  
Director



**Susan Longville**  
Director

## Staff Recommendation

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# Discussion Item 3.2 (Pg. 7)

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**Wen Huang, PE, MS** – Deputy General Manager/Chief Engineer  
**Brent Adair** – Project Manager II

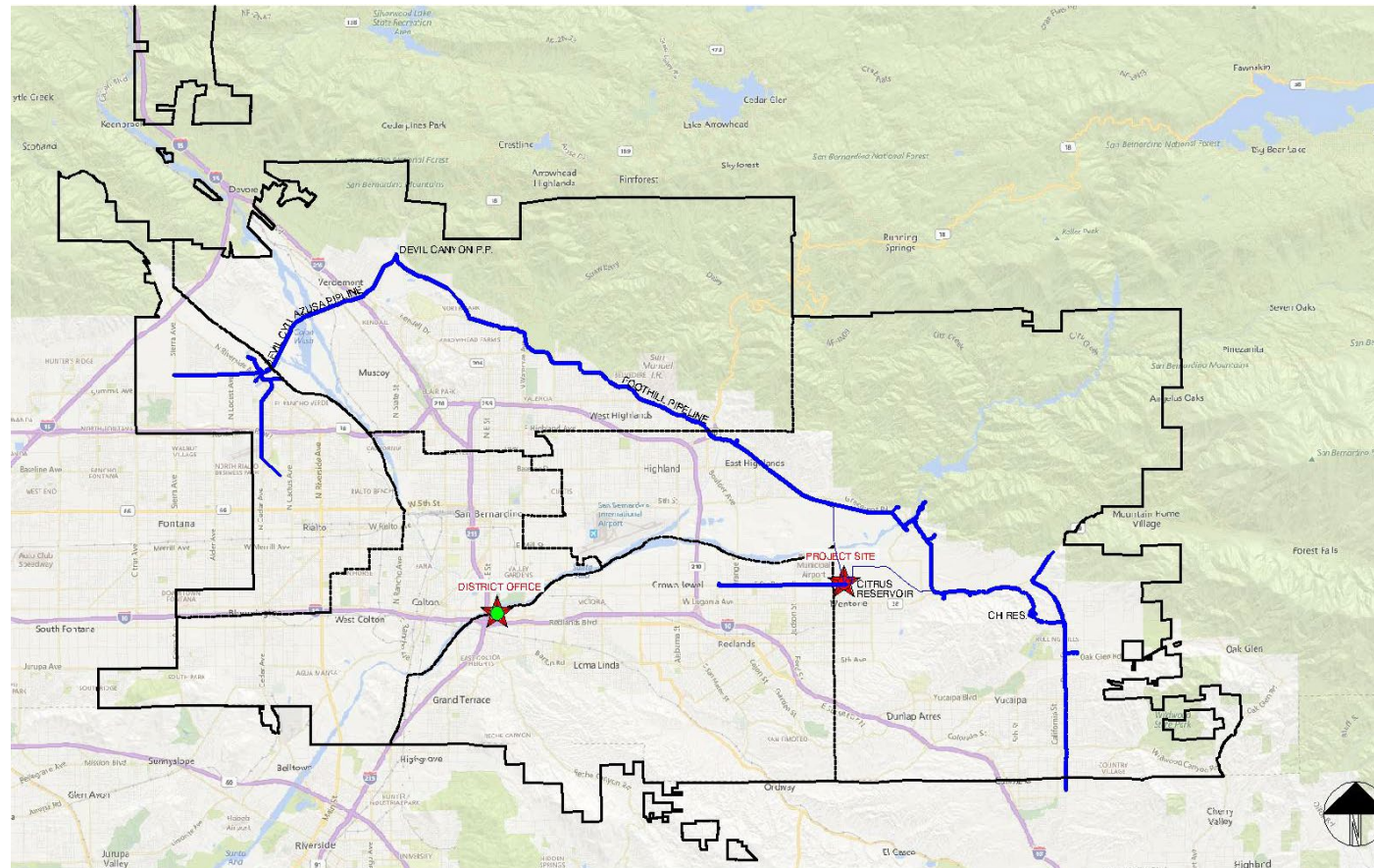
Consider Equipment Procurements for the Central Feeder -  
East Branch Extension Intertie Project

## **Staff Recommendation**

Staff recommends that the Board of Directors forward the equipment procurements with an estimated cost of \$100,637 to the next Board of Directors' meeting for consideration of approval.



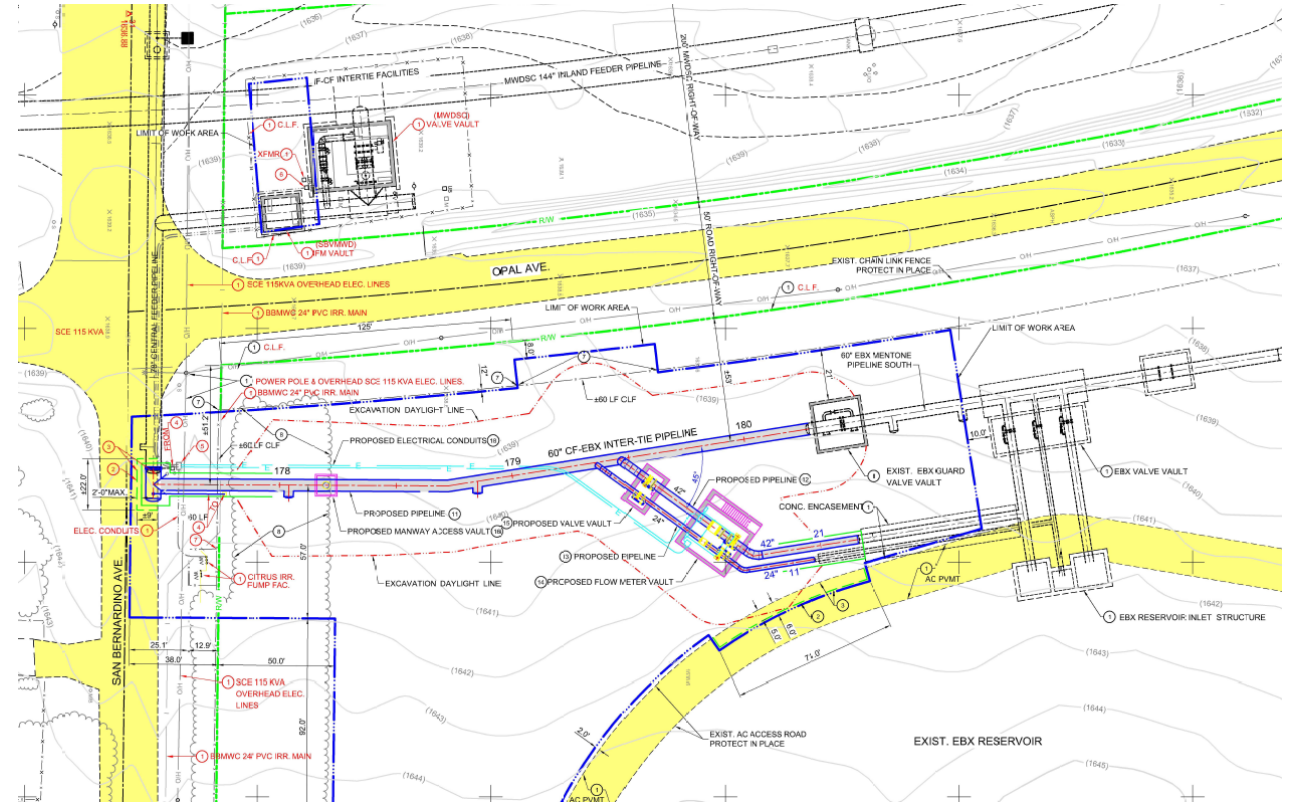
# CF-EBX Intertie Project Location





# CF-EBX Intertie Project Location & Site Plan

Date & Time: Wed, Apr 29, 2020, 11:35:40 PDT  
 Position: +034.077719° / -117.133568° (±14.7ft)  
 Altitude: 1650ft (±18.5ft)  
 Datum: WGS-84  
 Azimuth/Bearing: 341° N19W 6062mils True (±17°)  
 Elevation Angle: -00.6°  
 Horizon Angle: +00.5°  
 Zoom: 1.0X



# Equipment Procurements

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- Guard Valves – 24” and 42” Henry Pratt Butterfly Valves; \$37,140
- Air Release/Vacuum Relief Valves – 2”, 4” and 8” Vent Tech Valves; \$26,899
- Bypass/Isolation Valves – 4” and 12” Henry Pratt Butterfly Valves; 2”, 4” and 8” AT Controls Ball Valves; \$36,598

Total Procurement: \$100,637

# Director Comments and Discussion

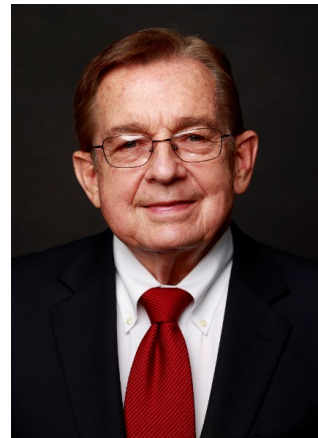
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President



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Vice President



**T. Milford  
Harrison**  
Treasurer



**Gil J. Botello**  
Director



**Susan Longville**  
Director

## Staff Recommendation

Staff recommends that the Board of Directors forward the equipment procurements with an estimated cost of \$100,637 to the next Board of Directors' meeting for consideration of approval.



# Future Business

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# Adjournment

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