

#### NOTES:

- PRIOR TO PIPE OR STRUCTURE FABRICATION CONTRACTOR SHALL POTHOLE EXISTING UTILITIES WITHIN THE AREA IMPACTED BY THE WORK.
- 2. REROUTING OF STRM, POTW AND SCUM PIPELINE SHALL BE COMPLETED AND PLACED INTO SERVICE PRIOR TO DIVERSION STRUCTURE WORK.
- TEMPORARILY RELOCATE EXISTING 8" SCUM ALONG CLARIFIER WALL TO ALLOW INSTALLATION OF STRUCTURE. AFTER COMPLETION OF THE STRUCTURE RELOCATE SCUM PIPE AS SHOWN.

4. PIPE TRENCH SHALL BE ENTIRE DISTANCE TO PUMP STATION. PIPE TRENCH SHALL BE PER DETAIL 5 DWG 100-C-064 AND SHALL CONTAIN 2-1" CPVC HYPO PIPES. WHERE TRENCH CROSSES GUTTERS SEE DETAIL 144-C-064.

- 5. EXISTING 48" RCP, 6" DG, 4" NG, AND COMM EXTEND FROM THE NORTH PLANT BOUNDARY TO WEIR BOX AREA (DWG 144-Y-012). THESE PIPELINES/UTILITIES ARE ABANDONED IN PLACE.
- 7. POTABLE WATER PIPE AND STORM WATER PIPE SHOULD BE 3'-0" BELOW GRADE.

## CONFORMED TO BID DOCUMENTS

USER ACKNOWLEDGE THAT, SHOULD THERE BE ANY DISCREPANCY BETWEEN THESE DOCUMENTS AND THE CONTRACT DOCUMENTS AND ANY ADDENDA ISSUED PRIOR TO THE BID, THE CONTRACT DOCUMENTS AND THE ORIGINAL ADDENDA SHALL GOVERN.

## **GROUNDWATER REPLENISHMENT SYSTEM** FINAL EXPANSION **SE PUMP STATION AND EQUALIZATION TANKS**

No.C045340 Exp. 9-30-20

> OF 890 SHEETS DRAWING NO.

# **Exhibit A-1 OCWD GWRS Contract 1 Project Area**

ESIGNED BY: \_\_\_\_VM RAWN RY: VK SHEET CHK'D BY: RtB CROSS CHK'D BY: RF CONFORMED TO BID DOCUMENTS PROVED BY: R. ten BOSCH REV. DATE DRWN CHKD REMARKS

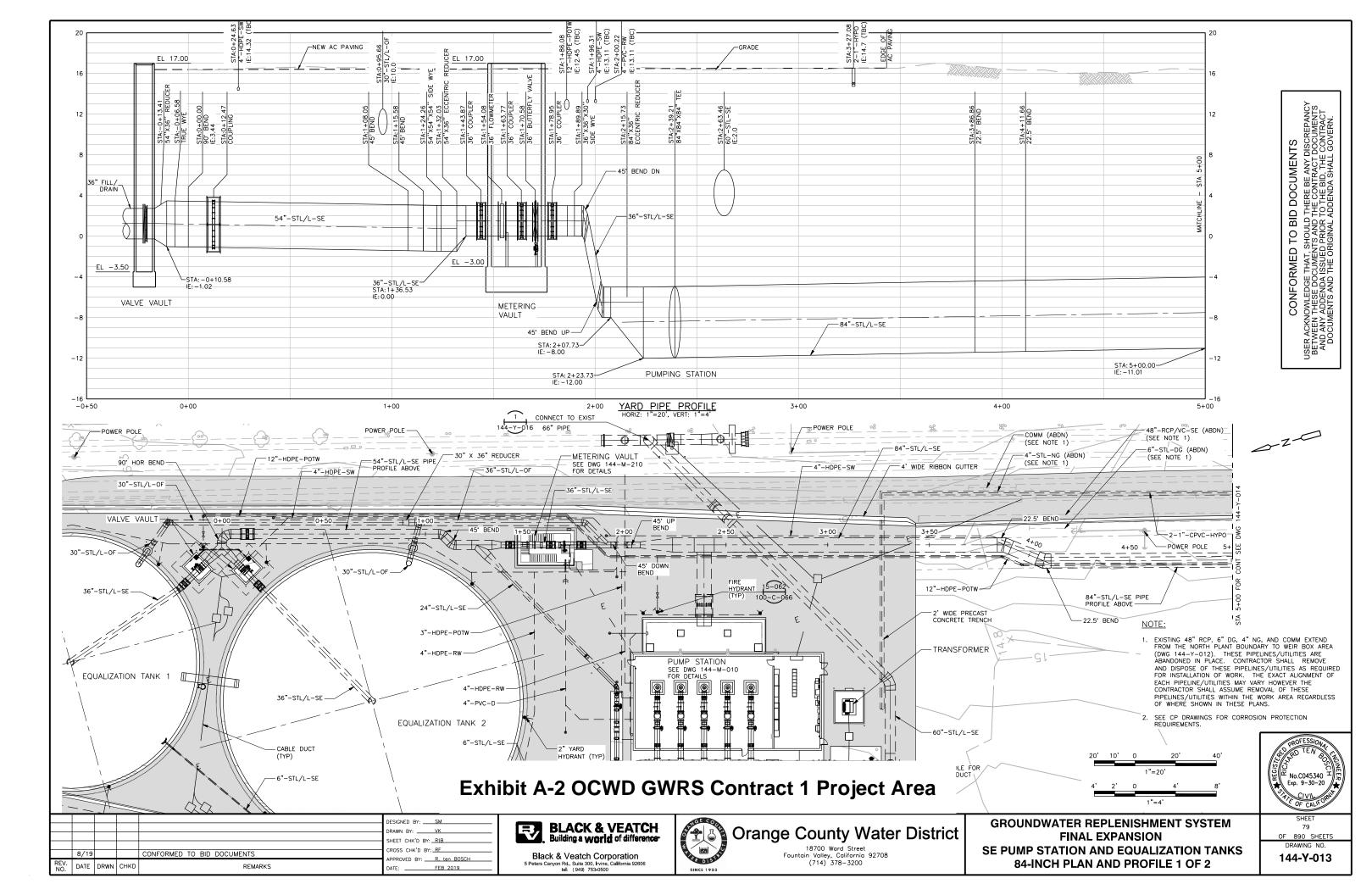


Black & Veatch Corporation

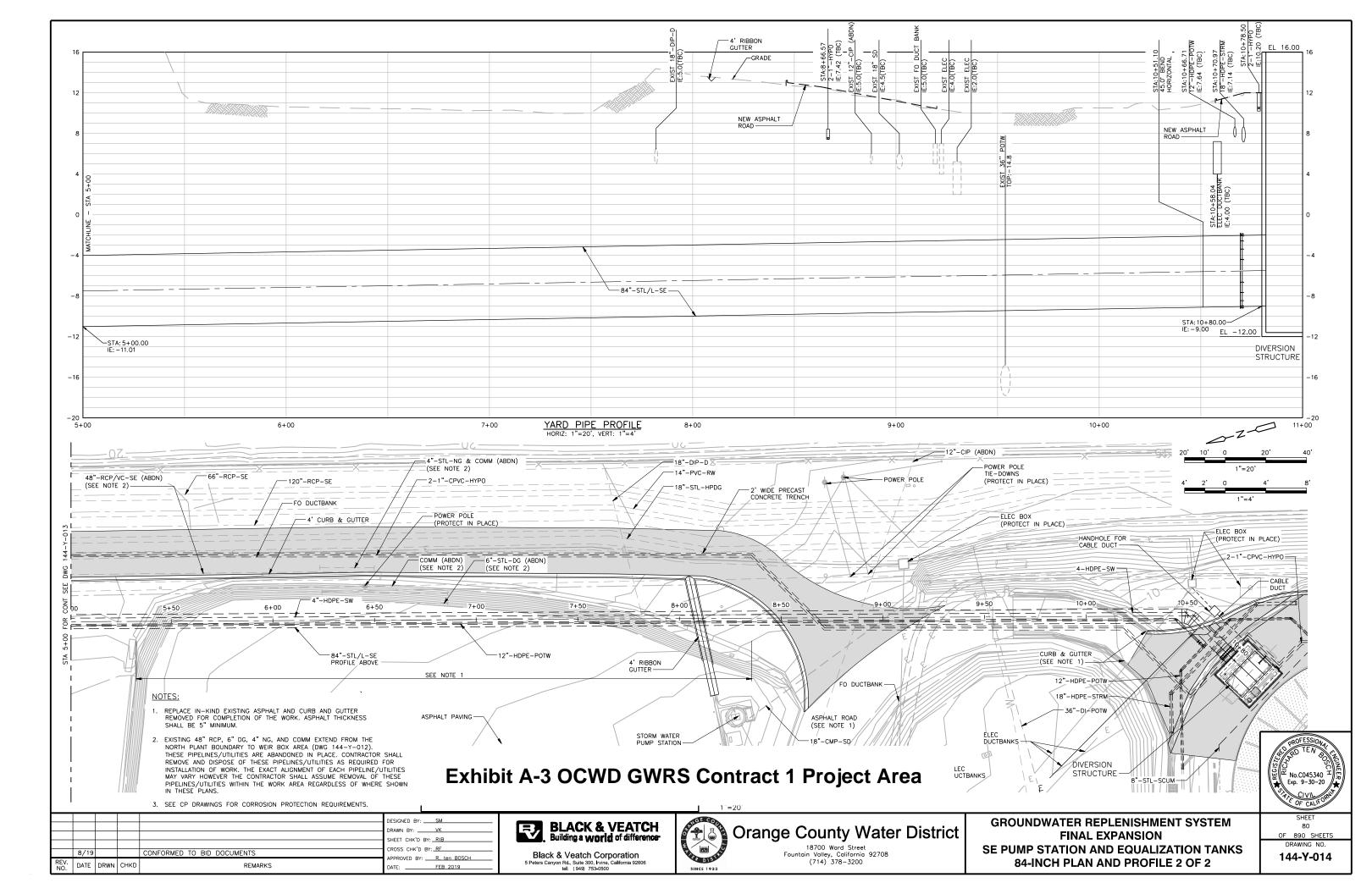


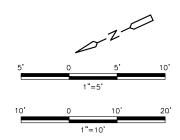
**Orange County Water District** 18700 Ward Street Fountain Valley, California 92708 (714) 378-3200

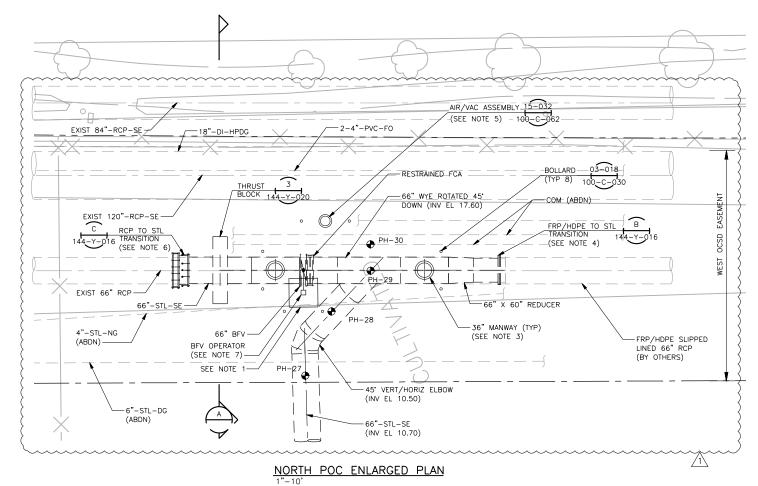
144-Y-012 **DIVERSION STRUCTURE & WEIR BOX PIPING PLAN** 

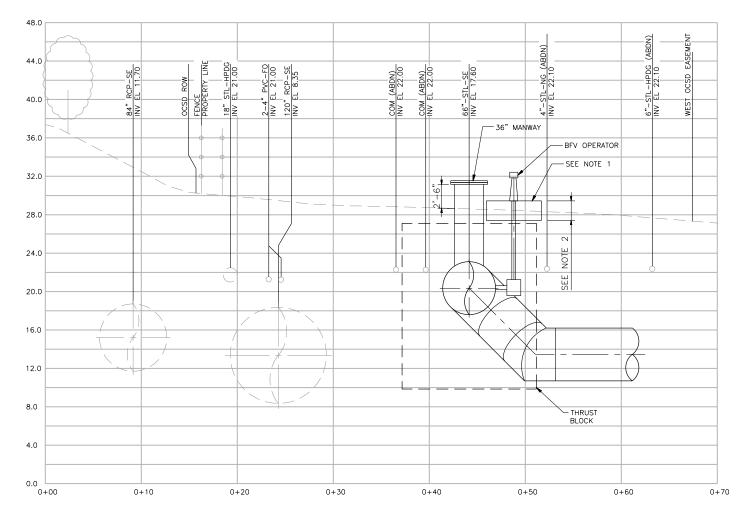


GWRSFE-MF-000-G-00









### NOTES:

- 1. 6 FT SQUARE X 2 FT THICK CONCRETE SLAB WITH #5 @ 8" EWT&B
- 6" FROM TOP OF SLAB TO FINISH GRADE AT HIGHER GRADE LOCATION SIDE OF SLAB. CONTRACTOR SHALL FIELD VERIFY EXISTING GRADE AT PAD LOCATION AND COORDINATE WITH BFV MANUFACTURER FOR REQUIRED VALVE STEM AND SLEEVE LENGTHS.
- 3. TOP OF MANWAY SHALL EXTEND 30" ABOVE GRADE.
- 4. REMOVE EXISTING BLIND FLANGE AND CONNECT TO EXISTING FRP OR
- 5. CONTRACTOR TO FIELD LOCATED AIR/VAC ASSEMBLY WITHIN LANDSCAPED AREA.
- 6. MODEL 415 REDUCER COUPLING AS MANUFACTURED BY SMITH-BLAIR.
- 7. CONTRACTOR SHALL COORDINATE WITH VALVE OPERATOR SUPPLIER TO

# **Exhibit A-4 OCWD GWRS Contract 1 Project Area**

**SECTION** 

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CONFORMED TO BID DOCUMENTS

**FINAL EXPANSION** OF 890 SHEETS DRAWING NO.



SHEET

**GROUNDWATER REPLENISHMENT SYSTEM** NORTH POC ENLARGED PLAN

					DESIGNED BY:SM
					DRAWN BY:VK
	8/19			CONFORMED TO BID DOCUMENTS	SHEET CHK'D BY: RtB
	6/19	VK	RtB	ADDENDUM 2	CROSS CHK'D BY: RF
REV. NO.	DATE	DRWN	CHKD	REMARKS	APPROVED BY:



5 Peters Canyon Rd., Suite 300, Irvine, California 92606 tel: (949) 753-0500



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