



January 4, 2022

Attention: IRWD Construction Manual Holders

Subject: IRWD Construction Manual 2022

This letter provides notice of revisions made to the Irvine Ranch Water District (IRWD) Construction Manual. IRWD made modifications to several of the General Technical Specifications.

Holders of IRWD's Construction Manual (Standard Drawings and General Technical Specifications) should completely replace the 2021 Construction Manual General Technical Specifications with the 2022 Construction Manual General Technical Specifications.

The latest Standard Drawings and General Technical Specifications can be accessed by going to <http://www.irwd.com>, clicking "Engineering" under the "Doing Business" tab. At the "Engineering" page, the "Construction Manual" link can be selected. You can also select or type in the address below:

Construction Manual:

<https://www.irwd.com/images/pdf/doing-business/engineering/2022/IRWDConstructionManualJan2022.pdf>

Numerous changes were made to the General Technical Specifications. A track changes version of the updated specifications is available upon request. A list of the update sections is shown in the table below.

Construction Manual		
Specification No.	Description	Revision Date
02715	PVC Pipe and Fittings for Gravity Sewers	1/4/2022
03462	Precast Concrete Vaults and Meter Boxes	1/4/2022
15041	Chlorination of Water Mains, Wells and Reservoirs	1/4/2022
15064	PVC Pressure Pipe and Fittings	1/4/2022
15100	Manual Valves	1/4/2022
15139	Hydrants	1/4/2022
16010	General Electrical Requirements	1/4/2022
16051	Miscellaneous Electrical Devices	1/4/2022
16135	Cabinets and Enclosures	1/4/2022
16150	Electric Motors	1/4/2022
16443	Low-Voltage Switchboards	1/4/2022
16500	Lighting	1/4/2022

Construction Manual		
Specification No.	Description	Revision Date
16950	Electrical Testing	1/4/2022
17300	PLC's and Programmable Operator Interfaces	1/4/2022
17350	Telemetry and Control Systems – Communications Equipment	1/4/2022

If you have questions or suggestions for revisions to the General Technical Specifications, please contact Jacob Moeder, Chairman of the General Technical Specifications Committee, at (949) 453-5554 or Moeder@irwd.com.

Sincerely,



Kevin L. Burton, P.E.
Executive Director of Technical Services