



PLANT HYDRAULIC PROFILE
 HORIZONTAL: NO SCALE
 VERTICAL: 1"=10'-0"

REVERSE OSMOSIS MEMBRANE BYPASS HYDRAULIC PROFILE
 HORIZONTAL: NO SCALE
 VERTICAL: 1"=10'-0"

WASH WATER HYDRAULIC PROFILE
 HORIZONTAL: NO SCALE
 VERTICAL: 1"=10'-0"

- NOTES:**
- IN ACCORDANCE WITH SECTION 13025-REVERSE OSMOSIS SYSTEM, THE PRESSURE OF THE RO PERMEATE SHALL BE 20 PSI AT 3 mgd.
 - HYDRAULIC PROFILE IS BASED ON FUTURE PLANT FLOW RATE (8 mgd WTP OUTPUT).

CONFORMED TO CONSTRUCTION RECORDS	DATE	REVISIONS AND RECORD OF ISSUE
ADDENDUM	NO. BY	DATE
	2	7
	1	

* THIS DRAWING WAS ORIGINALLY APPROVED FOR CONSTRUCTION BY JAMES G. WINGER ON 10/08/01 AND SEALED BY JAMES G. WINGER A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MISSOURI, NO. E-25004.

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 USER: J144289
 SHEET: 9901

BLACK & VEATCH
 Corporation
 St. Louis, Missouri

CITY OF O'FALLON, MISSOURI
WATER TREATMENT PLANT

HYDRAULIC PROFILES

DESIGNED: JGW, SAA
 DETAILED: WMT
 CHECKED: WLK
 APPROVED: JGW
 DATE: 10/08/01

PROJECT NO.
97515

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SHEET
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