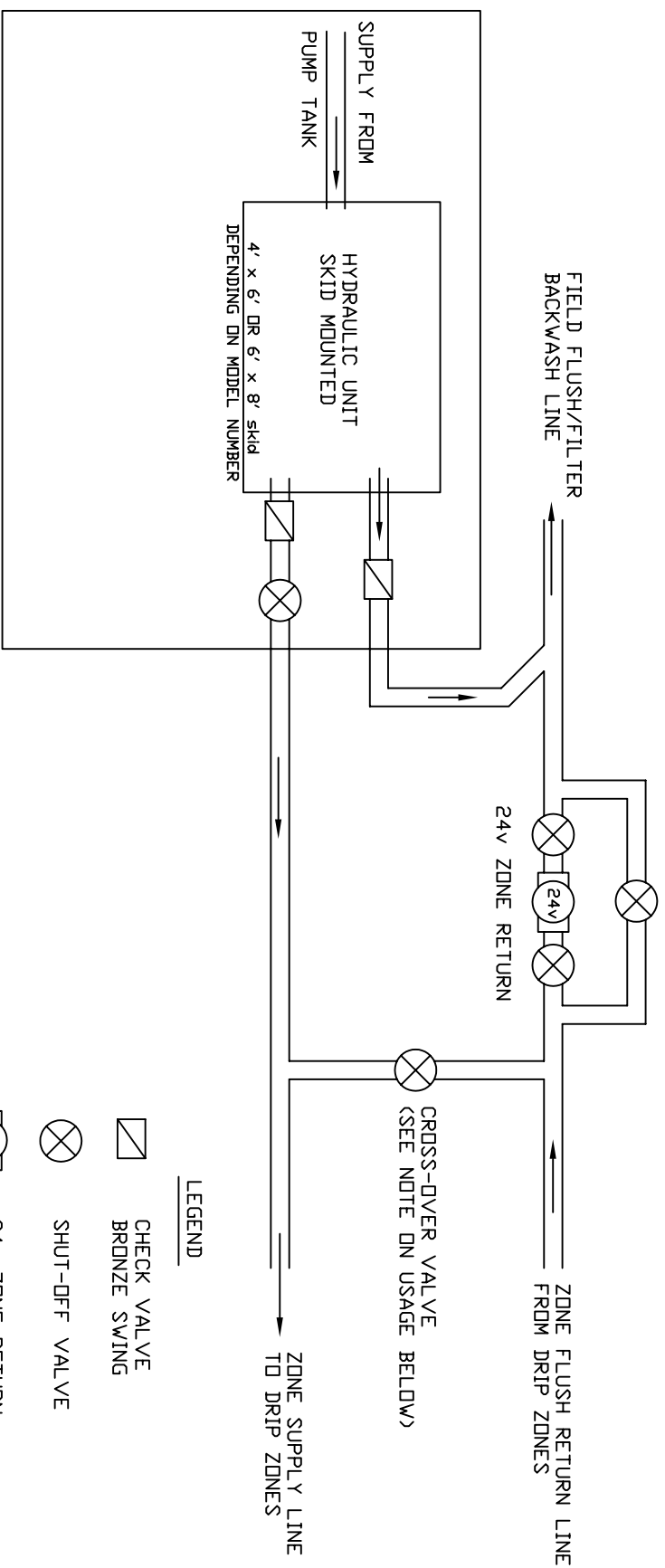








# CROSSOVER VALVING SCHEMATIC

BY-PASS VALVING  
(SEE NOTE ON USAGE BELOW)



CONTROL BUILDING  
RECOMMENDED MINIMUM 14' x 14'

**LEGEND**

-  CHECK VALVE
-  BRONZE SWING
-  SHUT-OFF VALVE
-  24V ZONE RETURN SOLENOID VALVE ( w/ UNIONS FOR REMOVAL )

CROSS-OVER VALVE USAGE (NORMALLY CLOSED VALVE)

⊗ CROSS-OVER VALVE IS USED FOR RETURN LINE CHECK VALVE TESTING. THIS VALVE CAN ALSO BE USED TO RECYCLE WASTEWATER BACK TO THE FRONT END OF THE PLANT.

BY-PASS VALVING USAGE

BY-PASS VALVES ARE USED TO ISOLATE AND REMOVE THE 24V ZONE RETURN SOLENOID VALVE (FOR REPAIR, REPLACEMENT, ETC.) BY DISCONNECTING THE UNIONS AND RETAIN THE ABILITY TO MANUALLY SIMULATE THE FORWARD FIELD FLUSH CYCLE.

**TYPICAL LAYOUT**



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CROSSOVER VALVING SCHEMATIC

Drawn by: RJW Date: 05\02\06

Checked by: RBM Date: 0

Application Note:  
The suggested layouts are not finished fabrication drawings. The user of these plans is responsible for verifying that the suggested design of any substitutions or modifications meet all local building and environmental codes and requirements. For verifying that the suggested design meets all applicable codes and requirements, the user must consult with the local building department and the local environmental health department. The user must also verify the construction and use of materials, and for the completed system. Check your suggested design requirements with Waste Water Systems or your local distributor.