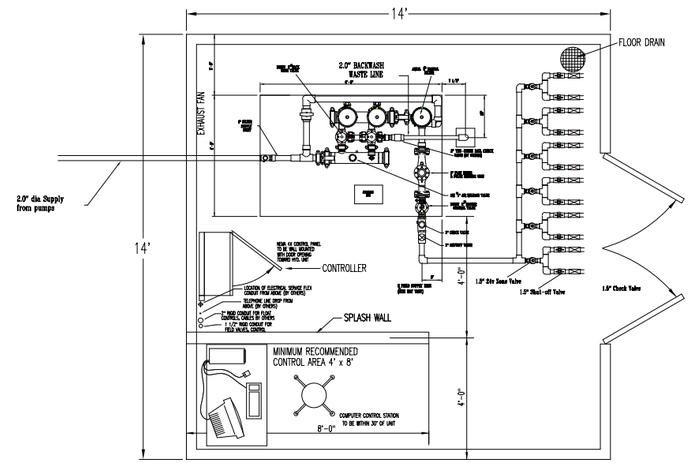
TYPICAL CONTROL & HYDRAULIC UNIT BUILDING LAYOUT

AMERICAN MANUFACTURING COMPANY, INC.



MINIMUM CONTROL BUILDING REQUIREMENTS:

BUILDING ENCLOSURE FOR SKID UNIT TO BE SIZED TO FIT SKID UNIT, CONTROLLER, COMPUTER STATION AND WORK AREA. ENCLOSURE IS TO BE HEATED, LIGHTED, VENTILATED AND HAVE A DEDICATED PHONE/DATA LINE FOR REMOTE MONITORING PURPOSES. ELECTRICAL REQUIREMENTS ARE TO BE DETERMINED PRIOR TO CONSTRUCTION OF SKID AND CONTROLLER.

CONTROL PANEL IS TO BE WALL MOUNTED.
FLOOR DRAIN REQUIRED (CORNER PLACEMENT NEAR SKID RECOMMENDED)

ACCESS/ENTRANCE TO BE SIZED ACCORDINGLY.

MINIMUM 4' x 8' COMPUTER AREA TO BE PARTITIONED OFF FOR SPLASH PROTECTION

EXHAUST FAN WITH THERMOSTAT REQUIRED

FALCON CREST

AMERICAN MANUFACTURING CO., INC.
HYDRAULIC UNIT - BUILDING LAYOUT
ASD BLDG 4X6 DUPLEX.DWG

SCALE= 3/8"=1'-0"

ASD 060 BLDG 4x6 NO PRIP BYPASS.DWG

AMERICAN MANUFACTURING CO.
6817 Bellington Road
Gainesville, Virginia 20155
(703) 754-0077
Fax (703) 754-0324
1-800-345-3132

ASD 060 BUILDING LAYOUT
4x6 SKID

Drawn by: RPF | Checked by:
Date: 07/28/04 | Date:

Application Note:
The sketches shown are not finished fabrication drawings. The user of these plans is responsible for verifying that the proposed design of any installation or modification and all local building and environmental codes and requirements, for verifying that the supplied design is appropriate for the intended application, and for the construction of the installation in a manner consistent with good workmanship and for the proper installation and use of materials, and for the completed system. For more information, call American Manufacturing Co. Water Water Systems at your Pure-Site distributor.

AMERICAN MANUFACTURING – PERC RITE DRIP CONTROLS SCHEMATIC

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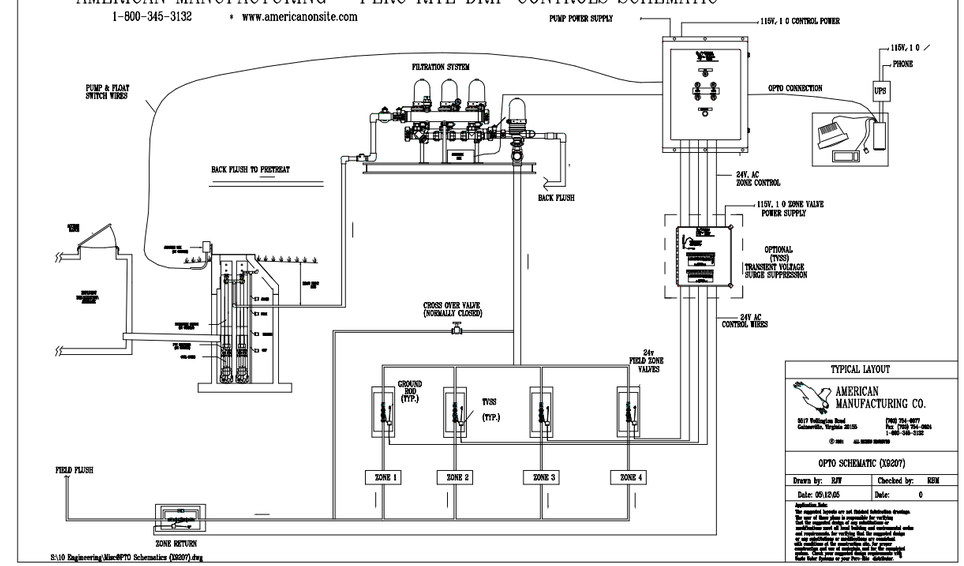

S:\10 Engineering\Misc\OPTO Schematics (X9207).dwg

TYPICAL LAYOUT

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6817 Bellington Road
Gainesville, Virginia 20155
(703) 754-0077
Fax (703) 754-0324
1-800-345-3132

OPTO SCHEMATIC (X9207)

Drawn by: RPF | Checked by: RSH
Date: 09.12.05 | Date: 0

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AMERICAN MANUFACTURING – DUPLEX PUMP TANK

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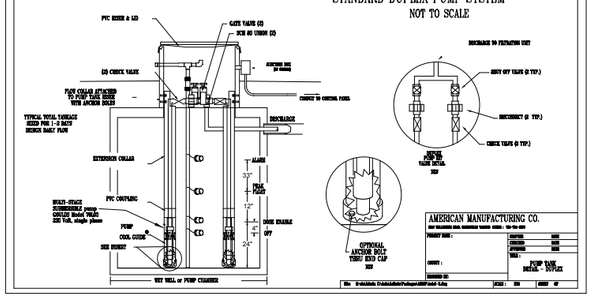
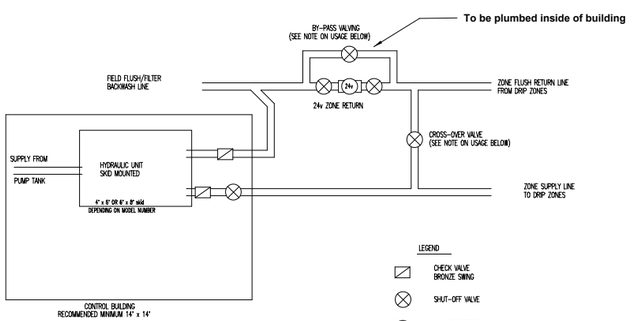
XERXES
TANK MANUFACTURER
10000
GALLON TANK

STANDARD DUPLEX PUMP SYSTEM
NOT TO SCALE



AMERICAN MANUFACTURING CO.

AMERICAN MFG. COMPANY, INC.
SCHEMATIC VALVING DETAIL



LEGEND

CHECK VALVE BRONZE SWING

SHUT-OFF VALVE

24v ZONE RETURN SOLENOID VALVE (w/ UNIONS FOR REMOVAL)

CROSS-OVER VALVE USEAGE (NORMALLY CLOSED VALVE)

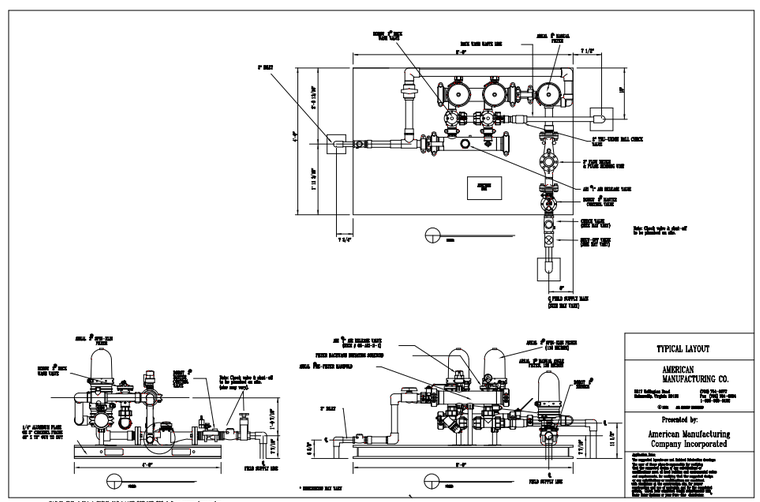
CROSS-OVER VALVE IS USED FOR RETURN LINE CHECK VALVE TESTING. THIS VALVE CAN ALSO BE USED TO RECYCLE WASTEWATER BACK TO THE FRONT END OF THE PLANT.

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.

AMERICAN MANUFACTURING COMPANY, INC.
6817 BELLINGTON ROAD, GAINESVILLE VA 20155 PHONE: 703-754-0077

PROJECT NAME: | DRAWN: DATE | CHECKED: DATE | APPROVED: DATE | TITLE: VALVE DETAIL | DRAWN: | DESIGNED BY: | REVISION: FIELD CHANGES/ADDITIONS | SCALE: NTS | SHEET: OF



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Presented by:
American Manufacturing Company Incorporated

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ARTHUR R. OLSON
062-33568
PROFESSIONAL ENGINEER
LIC. EXP. 11/30/2007
STATE OF ILLINOIS

FALCON CREST SUBDIVISION

LAKE VILLA, ILLINOIS

HYDRAULIC UNIT DETAILS

ARTHUR R. OLSON & CO.
965 WESTSHORE DRIVE
FOX LAKE, IL. 60020
(847) 651-1150

DATE	BY	NO.	REVISION
9/15	A.R.O.		L.C.H.D.
8/12	A.R.O.		L.C.H.D.

SHEET **5** OF 11

DATE: 7/12/2006