

TYPICAL PLUMBING DIAGRAM

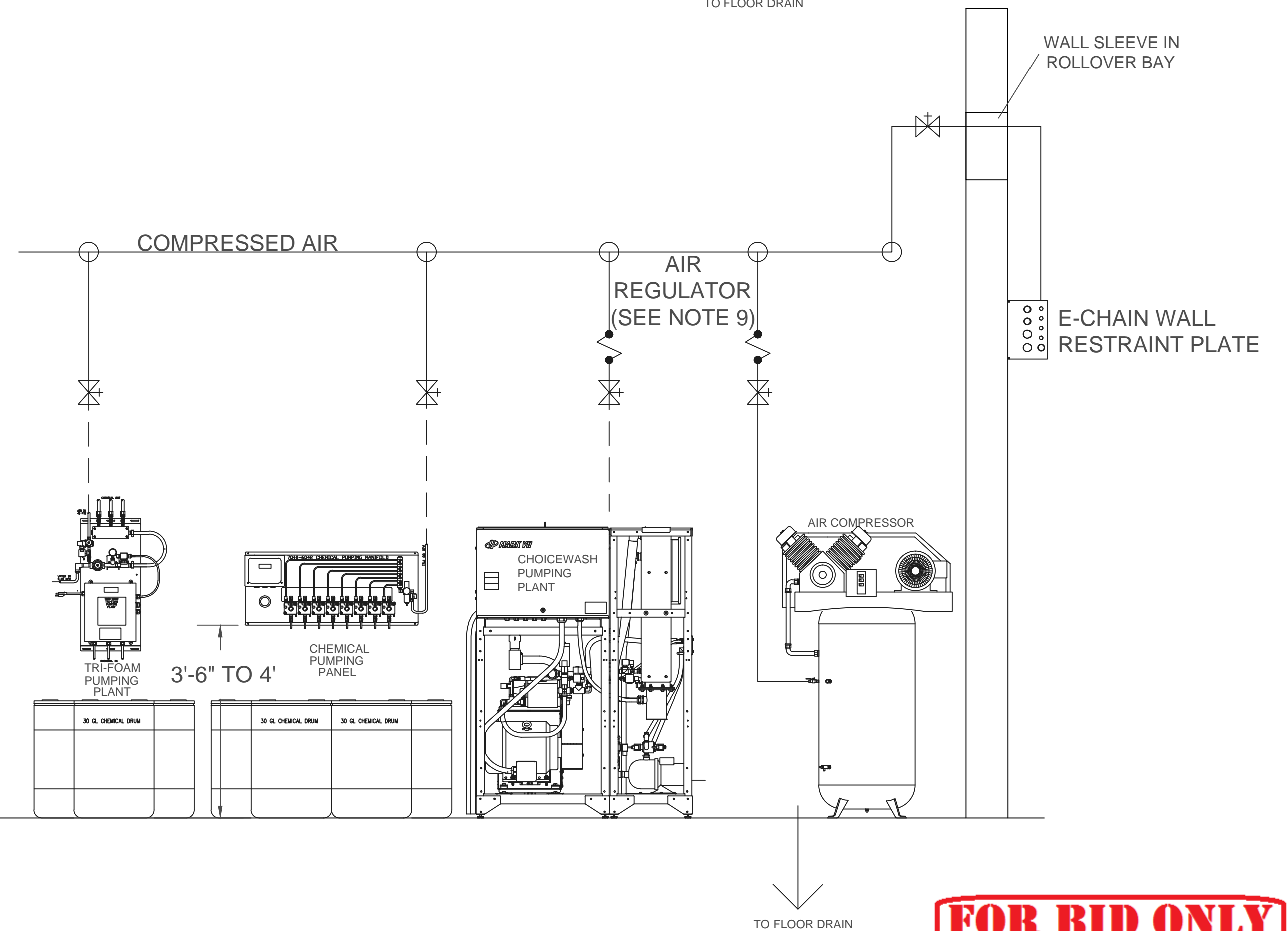
- NOTE 1 - HARD PLUMBING OF WATER AND AIR LINES FROM SUPPLY SOURCE TO BALL VALVES TO BE PERFORMED BY CONTRACTOR, TERMINATING WITH A FULL PORT BALL VALVE WITH FEMALE THREAD.
SOFT PLUMBING FROM BALL VALVES TO EQUIPMENT TO BE PERFORMED BY CAR WASH SUPPLIER/INSTALLER
- NOTE 2 - PLUMBING SHOULD CONFORM TO ALL LOCAL BUILDING CODES
- NOTE 3 - MAIN WATER LINE SHOULD BE SIZED TO SUPPLY ADEQUATE WATER PRESSURE AND FLOW TO THE GANTRY & HIGH PRESSURE PUMPING PLANT. .
- NOTE 4 - WATER LINE DROPS ARE RECOMMENDED 1" DROPS, MAIN WATER "TRUNK" LINE TO BE SIZED BY OTHERS.
- NOTE 5 - AIR SUPPLY LINES ARE TO BE TERMINATED WITH AIR BALL VALVES WITH FEMALE THREAD,(REC ½" DROPS)
- NOTE 6 - INCOMING CITY WATER SHOULD COME THROUGH A BACKFLOW PREVENTOR, PRESSURE REDUCER, AND Y-STRAINER.
- NOTE 7 - 3/4" LINE FOR UNDERCARRIAGE (HARD OR SOFT PLUMBED 2000 PSI MINIMUM)
- NOTE 8 - WASH BAY MUST BE PROTECTED FROM FREEZING CONDITIONS
- NOTE 9 - AIR REGULATOR SHOULD BE SET FOR A MAXIMUM PRESSURE OF 120 PSI. CAR WASH COMPONENTS CAN BE DAMAGED BY PRESSURE HIGHER THAN 120 PSI.

INSTALLER'S RESPONSIBILITY

CONTRACTORS RESPONSIBILITY

WATER & AIR REQUIREMENTS

EQUIPMENT	WATER	AIR
CHOICEWASH XT, 20 HP PUMP	28 GPM @ 50-80 PSI	1.5 CFM @ 90 PSI
UNDERCARRIAGE	17 GPM @ 50-80 PSI	1.0 CFM @ 90 PSI
TRI-FOAM	5 GPM @ 50-80 PSI	25.0 CFM @ 90 PSI
CHEMICAL PUMPS	N/A	3.6 CFM @ 90 PSI
R/O WATER-TYPICAL	19 GPM @ 80-100 PSI	N/A



TYPICAL COMPRESSED AIR DIAGRAM

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PROPOSED DRAWINGS FOR:

CIRCLE K STORE, FOUNTAIN BLVD COLORADO SPRINGS, CHOICEWASH XT w/FS-40D DRYER

SHEET DESCRIPTION:

PLUMBING AND COMPRESSED AIR DIAGRAM

REVISION:

01

REF. DRAWING NUMBER:

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DRAWN BY:

J HAGAN

DATE:

8/1/14

SCALE:

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Mark VII
A subsidiary of WashTec AG
MARK VII EQUIPMENT INC.
5981 TENNYSON STREET
ARVADA, CO 80003
www.markvii.net
tel: (303) 423-4910
(800) 525-8248
fax: (303) 430-0139