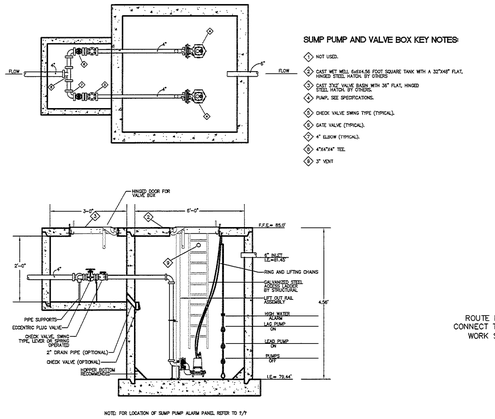
IF THIS SHEET IS NOT 24 X 36 IT IS A REDUCED SCALE PRINT – SCALE ACCORDINGLY

SCALE 0 1 2 3 1"=1' | SCALE 0 1 2 3 4 3/4"=1' | SCALE 0 1 2 6' 1/2"=1' | SCALE 0 1' 2' 3' 1/4"=1' | SCALE 0 5 10 20 1/8"=1' | SCALE 0 10 20 40 1/16"=1'



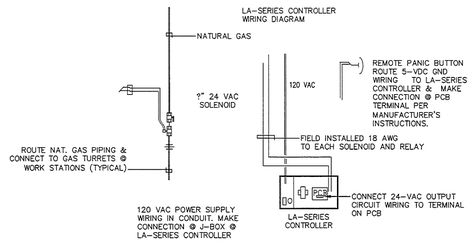
NOTE: FOR LOCATION OF SUMP PUMP ALARM PANEL REFER TO T/7

SUMP PUMP AND VALVE BOX KEY NOTES:

1. NOT USED.
2. CAST INT. MFG. G4824-36 FOOT SQUARE TANK WITH A 32"X48" FLAT, HINGED STEEL WATER TIGHT BY OTHERS
3. CAST IRON VALVE BOXES WITH 36" FLAT, HINGED STEEL WATER TIGHT BY SYMLOCK
4. PUMP, SEE SPECIFICATIONS.
5. CHECK VALVE SWING TYPE (TYPICAL).
6. GATE VALVE (TYPICAL).
7. 4" ELBOW (TYPICAL).
8. 4"x4"x4" TEE.
9. 2" VENT

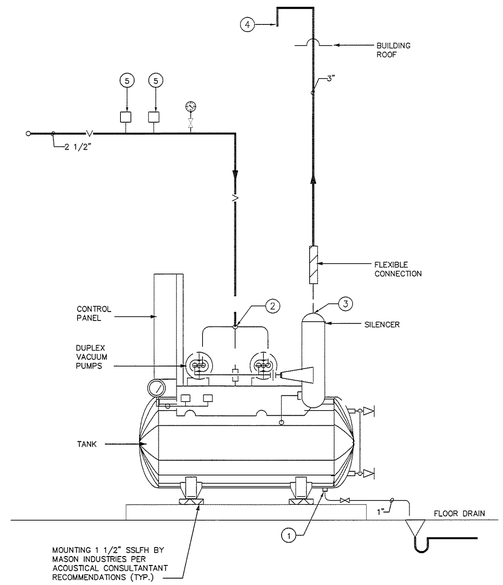
DUPLEX SUMP PUMP AND VALVE BOX DETAIL

NOT TO SCALE



GAS CONTROL VALVE DETAIL

NOT TO SCALE

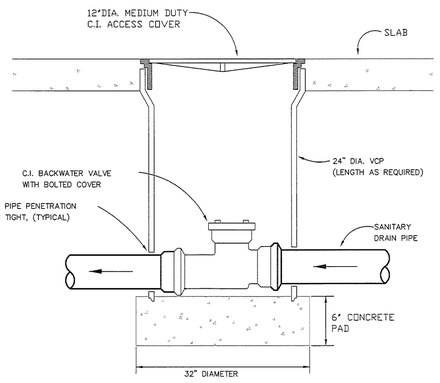


KEYED NOTES: VACUUM PUMP SYSTEM

1. PROVIDE 1" DRAIN WITH DRAIN VALVE.
2. CONNECT 2 1/2" MEDICAL VACUUM TO 2"x18" FLEX CONNECTION FURNISHED WITH VACUUM PUMP SYSTEM.
3. CONNECT 3" VACUUM DISCHARGE VENT TO 2" FLEXIBLE DISCHARGE CONNECTION FURNISHED WITH VACUUM PUMP SYSTEM.
4. 3" VACUUM PUMP DISCHARGE. TURN PIPING DOWN AND PROVIDE BUG SCREEN ON END OF PIPING.
5. HIGH AND LOW VACUUM SWITCHES. SIGNAL SHALL BE MONITORED AT THE MASTER AND SECONDARY MASTER ALARM PANELS.

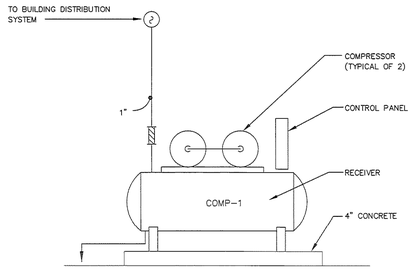
GAS CONTROL VALVE DETAIL

NOT TO SCALE

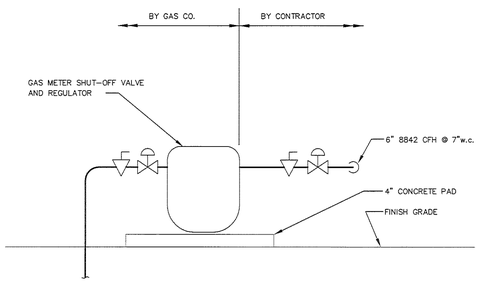


BACKWATER VALVE DETAIL

NOT TO SCALE

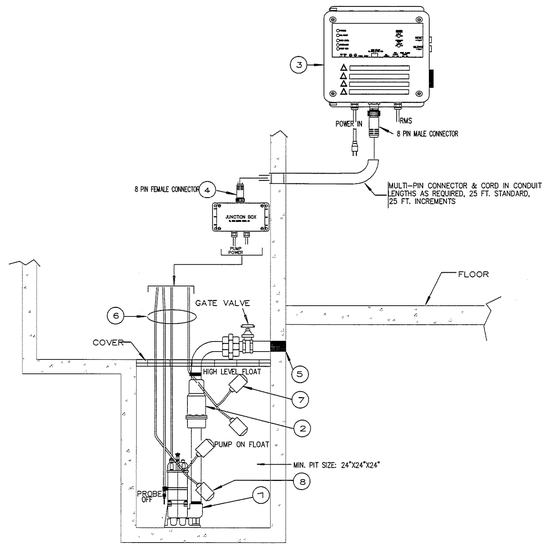


AIR COMPRESSOR
QUINCY MODEL OR EQUAL QR-25-FF325 DUPLEX AFCM 22 CFM EACH. 120 GALLON RECEIVER (2) 5 HP MOTORS 460/3/60 DUPLEX ALTERNATING CONTROL PANEL SAFE-O-LUBE SYSTEM LOW LEVEL OIL SWITCH INTAKE SILENCERS BELTGUARD AFTERCOOLER W//MOISTURE SEPARATER AND TRAP INLET FILTERS ,GAUGES,PRESSURE SWITCHES,SAFETY VALVES



GAS SERVICE ENTRANCE DETAIL

NOT TO SCALE



1. 1/2HP SUBMERSIBLE EFFLUENT PUMP, 115 VOLT 3600 RPM, 2" DISCHARGE CONNECTION
2. CHECK VALVE
3. 115V, 1ø CONTROL SYSTEM WITH OPTIONAL BUILT IN AUDIBLE AND VISUAL ALARM WHEN PUMP DOES NOT RUN DUE TO OIL IN PIT OR HIGH LIQUID ALARM. PROVIDE SILENCING BUTTON FOR AUDIBLE ALARM BUILT INTO PANEL. PANEL SHALL HAVE ADDITIONAL CONTACT FOR A REMOTE ALARM LOCATION. JUNCTION BOX WILL BE PROVIDED WITH MULTI-PIN CONNECTOR & CORD IN LENGTHS AS REQUIRED, 25 FT. IS STANDARD, OPTIONAL 25 FT. INCREMENTS. LIGHTS FOR OIL SPILL, POWER,HIGH LIQUID LEVEL, OVERLOAD & PUMP RUN
4. JUNCTION BOX WILL BE PROVIDED WITH MULTI-PIN CONNECTOR AND CORD IN LENGTHS AS REQUIRED; 25 FT. IS STANDARD, OPTIONAL 25 FT. INCREMENTS AVAILABLE
5. ALL BURIED PUMP PRESSURE DISCHARGE PIPING SHALL BE PROTECTED WITH TAPECOAT CT CORROSION PROTECTION TAPE
6. CABLE, POWER CABLE, PROBE CABLE, HIGH LIQUID ALARM CABLE & PUMP ON FLOAT CABLE.
7. HIGH LIQUID ALARM FLOAT WITH CLAMP DEVICE TO MOUNT TO PUMP DISCHARGE PIPING
8. PUMP ON FLOAT

ELEVATOR SUMP PUMP DETAIL

NOT TO SCALE

BID SET - NOT FOR CONSTRUCTION

PORT • CITY ARCHITECTURE
65 NEWBURY STREET
PORTLAND, ME 04101
207.761.9000
fax: 207.761.2010
lita@portcityarch.com

VANZELM ENGINEERS
VANZELM HEYWOOD & SHADFORD, INC.
16 TALCOTT NOTCH FARMINGTON, CT 06032
TEL:(860)284-5564 FAX:(860)284-5565

PROJECT NO.: 2007120.00

BECKER structural engineers, inc.

SYTDesign CONSULTANTS
CIVIL ENGINEERING & LANDSCAPE ARCHITECTURE

ALLIED/COOK CONSTRUCTION

Favreau

Titan Mechanical, Inc. Design Build Engineering - Mechanical Contracting

UNIVERSITY OF NEW ENGLAND

COLLEGE OF PHARMACY

716 STEVENS AVENUE,
PORTLAND, ME

#	DATE	DESCRIPTION
		BID SET

Date Issued 01/08/08

Project Number 06506

SHEET NAME

PLUMBING DETAILS

Drawn By SMS

Checked By DWM

P4.0

COPYRIGHT: Reuse or reproduction of the contents of this document is not permitted without written permission of PORT CITY ARCHITECTURE PA

File Path: U:\2007\2007120.00\Dwgs\Plumbing\
File Name: P-DETL.dwg Layout: P4.0 Thu, Feb 07, 2008 - 10:57 AM User: SMS