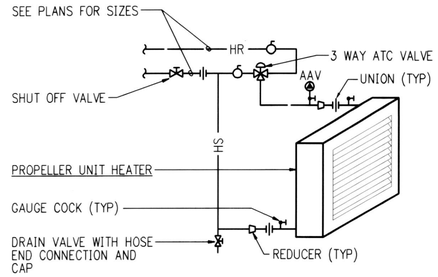


NOTES:

LOCATE UNIONS AND PIPING SO COILS AND FILTERS CAN BE REMOVED FROM UNIT OR DUCT WITHOUT INTERFERENCE.

VALVES AND ACCESSORIES SHALL BE LINE SIZE, NOT COIL CONNECTION SIZE.

SIZE PIPING FROM COIL CONNECTION SCHEDULE OR AS SHOWN ON PLANS.

PIPE COIL TO PRODUCE WATER/AIR COUNTERFLOW. SEE MANUFACTURER'S RECOMMENDATIONS.

DIAGRAM 1/M5.2
PIPING CONNECTIONS TO COMBUSTION/VENTILATION SUPPLY FAN HOT WATER COIL IN BOILER ROOM
NOT TO SCALE

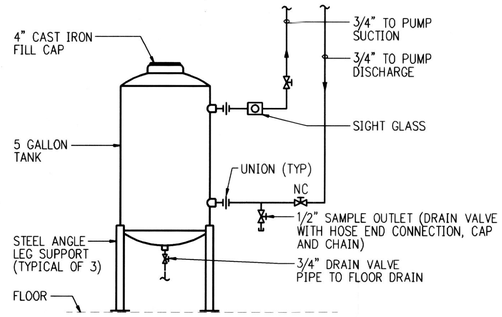
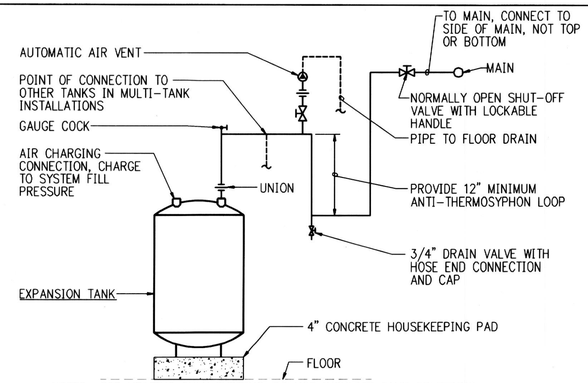


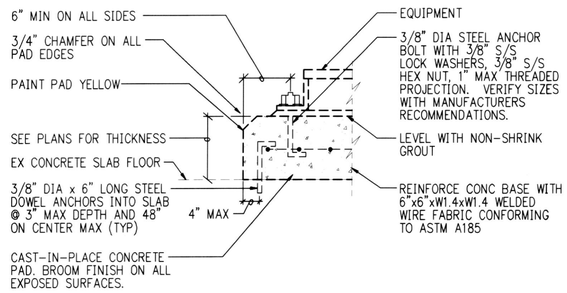
DIAGRAM 2/M5.2
CHEMICAL SHOT FEEDER PIPING AND INSTALLATION
NOT TO SCALE



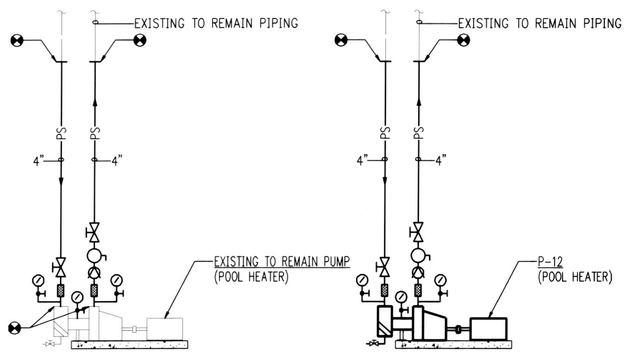
NOTES: FOR HEATING ONLY SYSTEMS, DO NOT INSULATE TANK OR PIPING BETWEEN EXPANSION TANK AND MAIN.

SIZE PIPING BETWEEN EXPANSION TANK AND MAIN PER THE TANK MANUFACTURER'S RECOMMENDATIONS, BUT NOT LESS THAN THE EXPANSION TANK CONNECTION SIZE OR SIZES INDICATED ON OTHER PLANS AND DIAGRAMS.

DIAGRAM 3/M5.2
FLOOR MOUNTED EXPANSION TANK
NOT TO SCALE



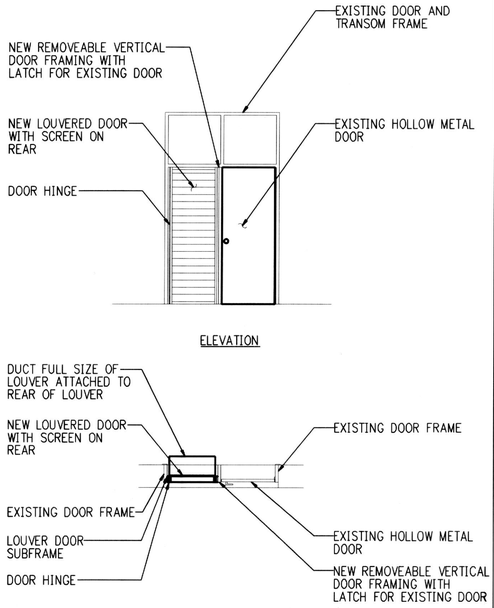
DETAIL 4/M5.2
TYPICAL CONCRETE HOUSEKEEPING PAD
NOT TO SCALE



BASE BID — BID ALTERNATE NO. 1

DIAGRAM 5/M5.2
POOL HEATING WATER SYSTEM
NOT TO SCALE

95% CD
NOT FOR CONSTRUCTION



NOTES:

EXISTING EXTERIOR DOOR SHALL BE REMOVED AND REPLACED WITH NEW LOUVERED DOOR.

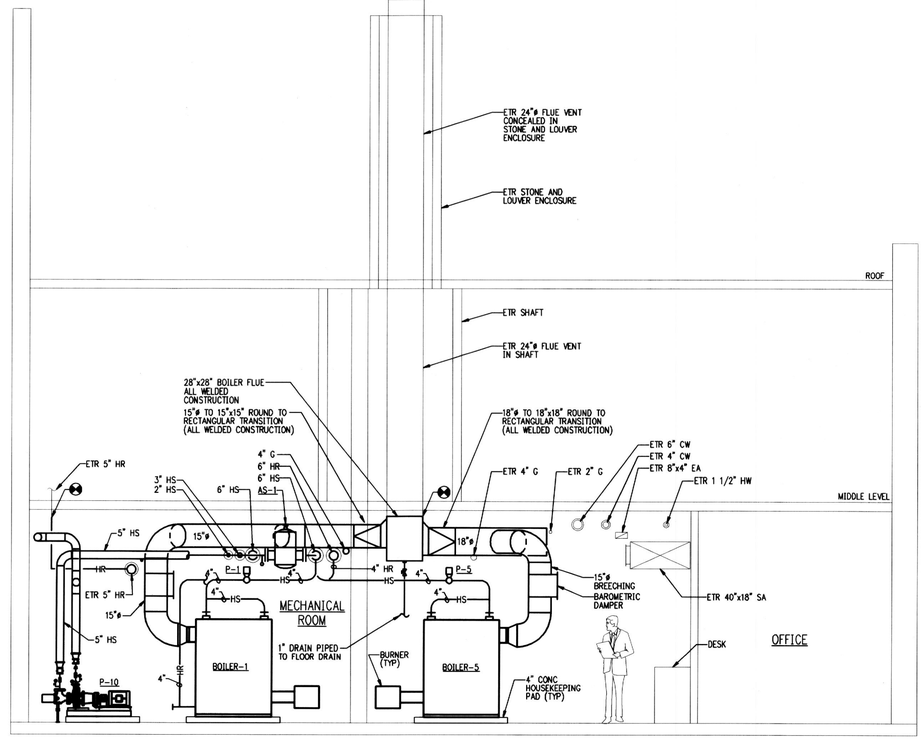
THE NEW LOUVERED DOOR SHALL BE CUSTOM FABRICATED TO FIT EXISTING DOOR FRAMING SYSTEM.

THE LOUVER SHALL BE EQUAL TO RUSKIN MODEL ELF 837 STATIONARY LOUVER, 4" FRAME MANUFACTURED OF EXTRUDED ALUMINUM, BLADES SHALL BE ALUMINUM AND POSITIONED AT 37.5 DEGREE ANGLE AND SPACED AT 4 3/4" CENTER TO CENTER WITH 3/4" FLATTENED ALUMINUM BIRD SCREEN IN REMOVEABLE FRAME. THE LOUVER SHALL HAVE A 52% MINIMUM FREE AREA.

DETAILED FABRICATION DRAWINGS SHALL BE PROVIDED FOR REVIEW AND APPROVAL. CONTRACTOR TO VERIFY SIZE AND CONFIGURATION PRIOR TO FABRICATION.

DUCT ATTACHED TO REAR OF LOUVERED DOOR SHALL EXTEND MINIMUM 8" BEYOND INTERIOR WALL TO PROVIDE ADEQUATE SPACE FOR INSTALLATION OF AUTOMATIC TEMPERATURE CONTROL DAMPER AND OPERATOR.

DETAIL 6/M5.2
EXTERIOR LOUVERED DOOR AT MECHANICAL ROOM
NOT TO SCALE



SECTION 1/M1.1 M5.2
SCALE: 1/4"=1'-0"

BOILER REPLACEMENT FOR
NOTRE DAME PREPARATORY SCHOOL
815 HAMPTON LANE
TOWSON, BALTIMORE COUNTY, MARYLAND 21286

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fax 410-298-9820
jamesposey.com

Comm. No. 5806-09

Sym.	REVISIONS	Date

Drawn	TGS
Designed	TGS
Checked	SJH
Approved	SJH
Scale	
Comm No	5806-09
Date	4/7/2010

Drawing Title
DETAILS AND SECTION

Sheet No:
M5.2

April 06, 2010 6:04 p.m.
Drawing: S:\5806-09\S-DRAWINGS\S5806M02.dwg TGSheibley
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