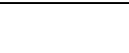

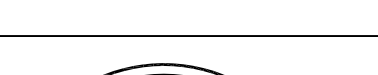



1. ACID WASTE PIPING (AW) TO BE FIRE RETARDANT POLYPROPYLENE PIPING. FITTINGS WITHIN BUILDING TO BE MECHANICAL JOINT, BURIED EXTERIOR PIPING TO HAVE FUSED JOINTS.
2. ALL PLUMBING UNDER "P" DRAWINGS SHALL BE COMPLETE WORKING SYSTEMS WHETHER SHOWN OR NOT IN THEIR ENTIRETY.

- (1) 2-1/2" COLD WATER, 2" HOT WATER, 1" HOT WATER RETURN, 1-1/4" MEDICAL AIR, 3/4" OXYGEN, 2" VACUUM DOWN TO SUB-BASEMENT.
- (2) 2-1/2" COLD WATER, 2" HOT WATER, 1" HOT WATER RETURN, 1-1/4" MEDICAL AIR, 3/4" OXYGEN, 2" VACUUM UP TO FIRST FLOOR.
- (3) T1X, ALLOW 1000 GALLON BURIED DECONTAMINATION WASTE HOLDING TANK, 96" LONG, 62" WIDE. INLET INVERT 197.60', OUTLET INVERT 197.43', BOTTOM OF TANK ELEVATION 192.68'. BACKFILL WITH COMPACTED PEA GRAVEL. INSTANT 26" HIGH, 300# PSI CEMENT ANTI-BUOYANCY PAD AT BASE OF TANK, 12" HORIZONTALLY ALL AROUND BASE OF TANK. REFER TO MANUFACTURER'S INSTALLATION REQUIREMENTS.
- (4) CONNECTION BY SITE CONTRACTOR.
- (5) EXISTING DUCTWORK TIGHT TO CEILING. RUN NEW PIPING BELOW DUCTWORK.
- (6) SIMPLEX SEWAGE PUMP PACKAGE SPS1 IN FLOOR. INSTANT CHECK VALVE AND BALL VALVE IN THE VERTICAL RISE OF PUMP DISCHARGE, ABOVE TOP OF BASIN.
- (7) CONNECT TO TOP OF LINE WITH "Y" AND 1/8TH BEND FITTING.
- (8) DISCONNECT AND REMOVE EXISTING AREAWAY DRAIN.
- (9) EXISTING MANHOLE, TO BE COVERED BY GENERAL CONTRACTOR.
- (10) BACKWATER VALVE FERRULE COME UP AT FINISHED FLOOR.
- (11) 3/4" COLD WATER TO DROP IN WALL TO HOSE BIBB, MOUNTED AT 24" ABOVE ADJACENT HOSE BIBB TO BE WOODFOORD MFG. MODEL 24P-3/4 INLET OR EQUAL.
- (12) DISCONNECT AND REMOVE EXISTING AREAWAY DRAIN. EXTEND PIPING AS REQUIRED TO NEW FLOOR SURFACE AND INSTALL NEW FLOOR DRAIN.
- (13) DROP WITH "Y" AND 1/8 BEND; INVERT 197.73', LOW INVERT 196.50'.
- (14) 3/4" COLD AND HOT WATER DOWN FROM FIRST FLOOR.
- (15) 3/4" COLD AND HOT WATER TO DROP TO HOSE BIBB LOCATED AT 24" ABOVE ADJACENT SLAB. HOSE BIBB TO BE WOODFOORD MFG. MODEL 822-CP#3 FREEZELESS CHROME PLATED BOY TYPE HOT AND COLD WALL FAUCET, INSTANT VACUUM BREAKER, 3/4" MP INLET, 3/4" MALE HOSE THREAD NOZZLE.
- (16) DECONTAMINATION TANK HIGH LEVEL MONITOR CONTROL PANEL. WIRING FROM CONTROL PANEL TO SENSOR IN TANK BY PLUMBING CONTRACTOR. COORDINATE WITH ELECTRICAL CONTRACTOR.
- (17) FLEXCON MODEL BT-1800 GPD REVERSE OSMOSIS UNIT, 120V, 1PH, WITH FLOAT SWITCH TANK CONTROL AND PS100 TDS HM DIGITAL CONTROLLER, AS PROVIDED BY AQUA PURE WATER SYSTEMS. CONTACT: CHRIS BARROR, 858 - 7413.
- (18) REVERSE OSMOSIS (R.O.) WATER (1/2" UPONOR AQUAPEX PEX TUBING) TO CONNECT TO STEAM TO STEAM GENERATOR.

FINAL DESIGN (100%)
FULLY SPRINKLERED

		CONSULTANTS: <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  FRIDMAN FISHER ASSOCIATES, P.C. <small>Quality Service Since 1944</small> <small>CONSULTING ENGINEERS</small> <small>22 Aviation Road, Albany, New York 12205</small> <small>TEL (518) 458-7040 FAX (518) 458-7043</small> <small>mail@friedmanfisher.com</small> </div> <div style="text-align: center;">  RYAN-BIGGS ASSOCIATES, P.C. <small>291 River Street</small> <small>p 518 272.6266</small> <small>Troy, NY 12180</small> <small>f 518 272.4467</small> <small>www.ryanbiggs.com</small> </div> </div>		ARCHITECT/ENGINEERS: <div style="text-align: center;">  <div style="display: flex; justify-content: center; align-items: center;"> <div style="font-size: 2em; font-weight: bold;">Hyman</div> <div style="font-size: 2em; font-weight: bold; margin: 0 10px;">&</div> <div style="font-size: 2em; font-weight: bold;">Hayes</div> </div> <div style="display: flex; justify-content: center; align-items: center;"> <div style="text-align: center;"> <small>6 WEMBLEY COURT, ALBANY, NEW YORK 12205</small> <small>(518) 452-3470</small> </div> <div style="text-align: center;"> <small>ASSOCIATES</small> <small>(518) 452-3783 Fax</small> </div> </div> <div style="text-align: center; font-weight: bold; font-size: 1.2em;">HHA Proj. 10046</div> </div>		<div style="display: flex;"> <div style="flex: 1;"> Drawing Title PLUMBING: BASEMENT PLUMBING DEMO & NEW WORK PLAN-WING B </div> <div style="flex: 1;"> Project Number VA 528-809 </div> </div> <div style="display: flex;"> <div style="flex: 1;"> Approved Project Director </div> <div style="flex: 1;"> Building Number 95 </div> </div> <div style="display: flex;"> <div style="flex: 1;"> Location Albany, New York </div> <div style="flex: 1;"> Drawing Number <div style="font-size: 3em; font-weight: bold; text-align: center;">P21</div> <div style="text-align: center; font-size: 0.8em;">Dwg. 83 of 115</div> </div> </div> <div style="display: flex;"> <div style="flex: 1;"> Date JULY 24, 2012 </div> <div style="flex: 1;"> Checked BJF </div> <div style="flex: 1;"> Drawn GJF </div> </div>		<div style="text-align: center; font-weight: bold; font-size: 1.5em;">Office of Construction and Facilities Management</div> <div style="text-align: center; font-size: 0.8em;">  Department of Veterans Affairs </div>	
<div style="display: flex; justify-content: space-between;"> <div> ADDENDUM #1 Revisions: </div> <div> 7/24/12 Date </div> </div>									