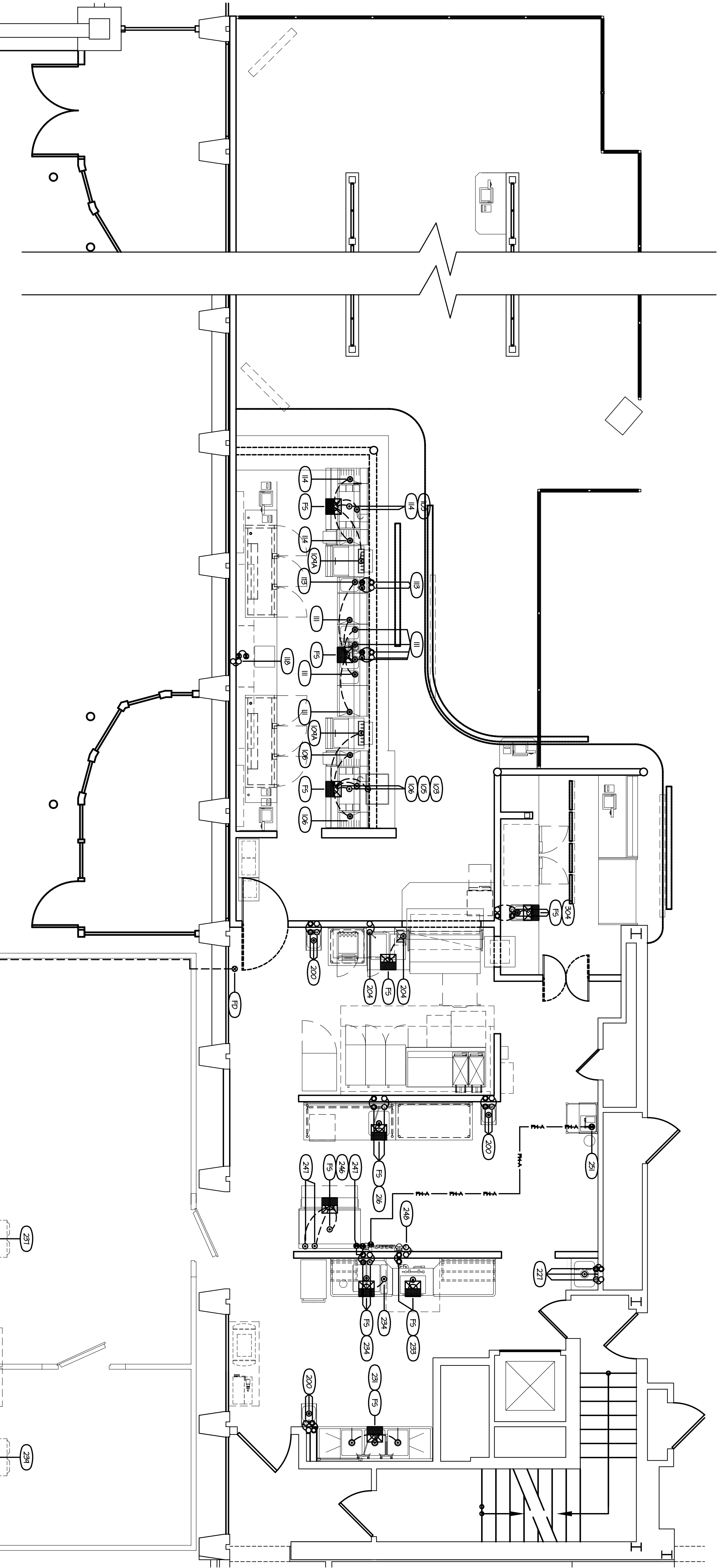
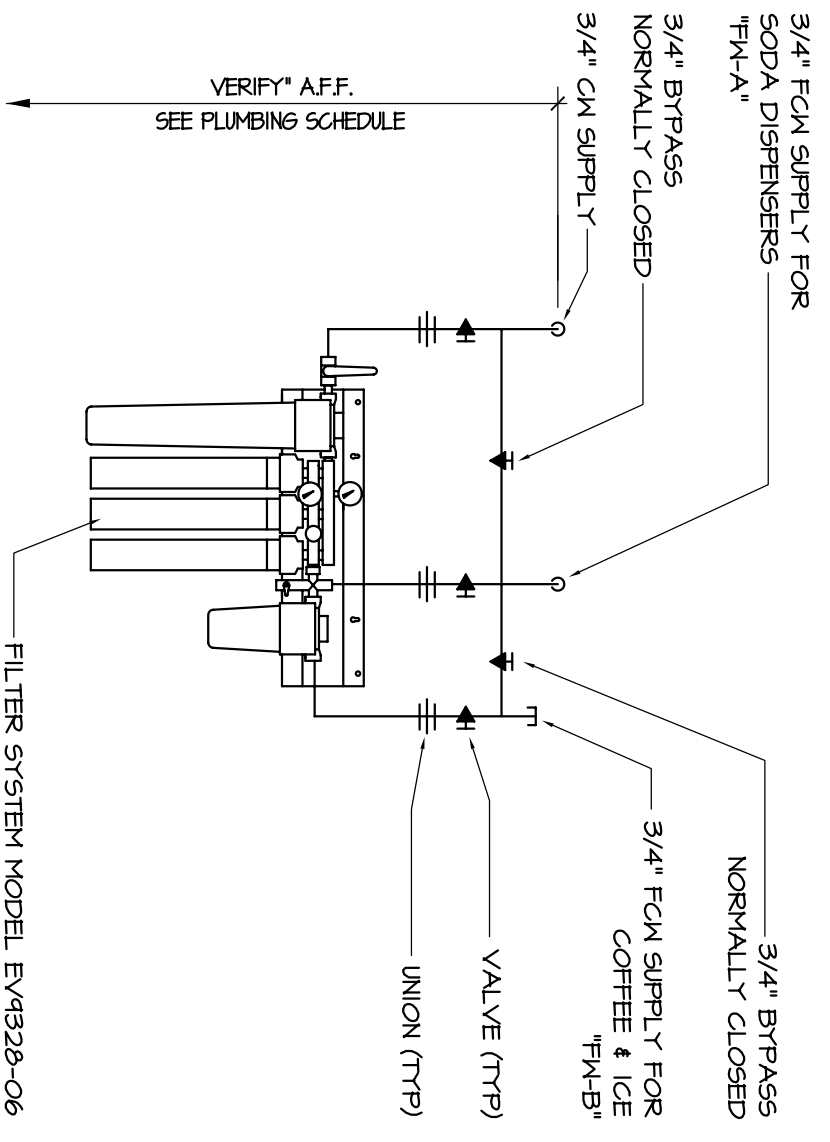


# PLUMBING ROUGH-IN NOTES

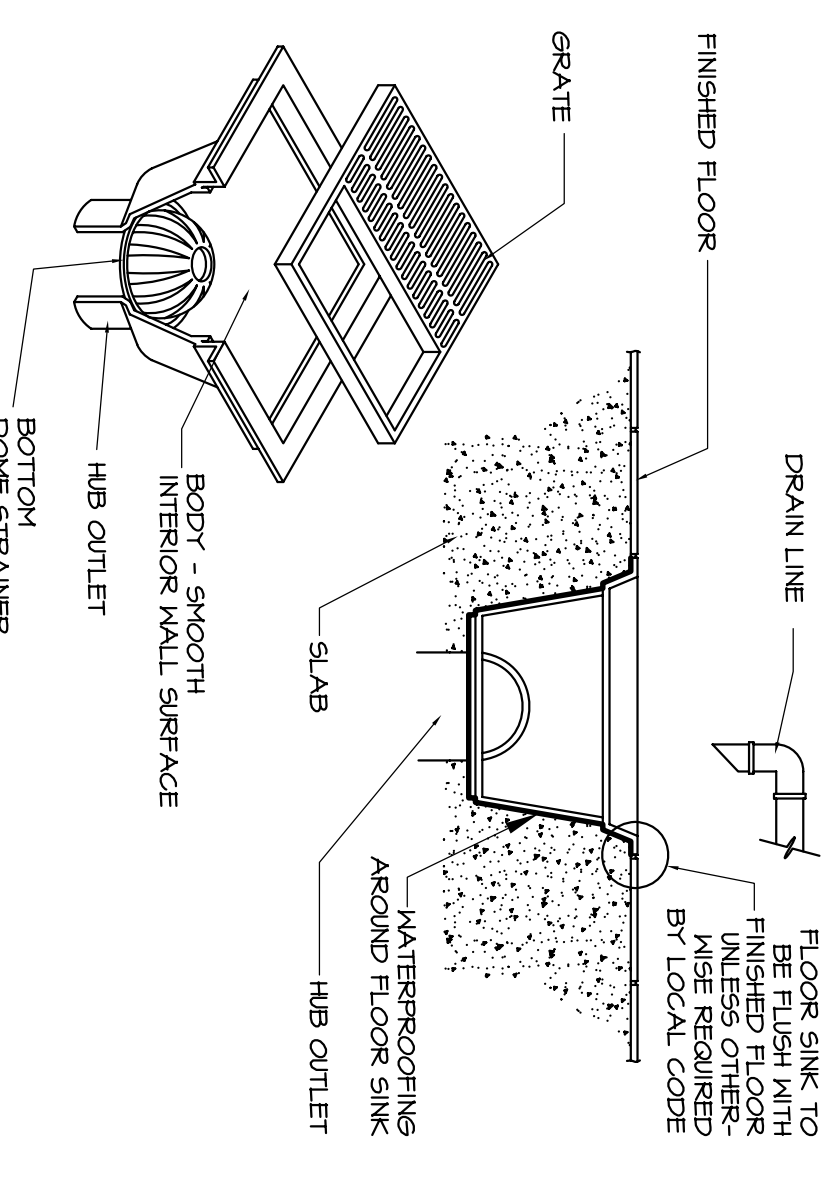
1. THIS DRAWING IS ACCOMPANIED BY OTHER DRAWINGS, SPECIFICATIONS AND BROCHURES. DRAWINGS, SPECIFICATIONS, AND BROCHURES ARE TO BE CONSIDERED IN WHOLE FOR PACKING, ROOMING, INSTALLATION, AND USE. CONTRACTOR SHALL REVIEW THESE DOCUMENTS FOR NOTATIONS AND COMMENTS THAT PERTAIN TO THE PLUMBING ASPECTS OF THE PROJECT.
2. GENERAL CONTRACTOR AND CONNECTING TRADES SHALL BE RESPONSIBLE FOR REVIEWING ALL FOOD SERVICE CONTRACT DOCUMENTS TO ENSURE THAT ALL REQUIRED PLUMBING SERVICES ARE PROVIDED SO AS TO COMPLETE THE PROJECT.
3. PLUMBING DRAIN AND SUPPLY LINES SHOWN IN THESE DRAWINGS, UNLESS SPECIFIED OTHERWISE IN THE DETAILS, ARE GENERAL IN NATURE AND WILL BE PROVIDED BY THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR AND PLUMBING EQUIPMENT CONTRACTOR, HOWEVER, SHALL PROVIDE ADEQUATE ACCESS AND CHARGES SO THAT PLUMBING CONNECTIONS CAN BE MADE IN A CONCEALED MANNER.
4. DRAIN LINES FROM BUILT IN EQUIPMENT TO BUILT IN DRAIN VALVES SHALL BE PROVIDED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR. DRAIN LINES FROM CONTRACTOR PROVIDED VALVES SHALL BE EXTENDED TO MAKE BY THE GENERAL CONTRACTOR.
5. ALL DRAIN LINES PROVIDED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR AND THE GENERAL CONTRACTOR SHALL BE 1" MINIMUM ADAPTERS ARE TO BE PROVIDED AND INSTALLED ON EQUIPMENT CONNECTIONS THAT ARE LESS THAN 1". ALL DRAIN LINES ARE TO BE HARD COPPER. DRAIN LINES WITHIN THE WALLS SHALL BE CONCEALED IN WALLS WHEREVER POSSIBLE. STUB OUTS TO FIBRE CONFIGURATION AND FUNCTIONS SO AS NOT TO OBSTRUCT OPENINGS OR SHELVES.
6. ABOVE GRADE SANITARY WASTE PIPING FROM ICE BINS, REFRIGERATORS, AND FREEZERS TO FLOOR SINKS, OPEN SITE DRAINS, AND TROUGH DRAINS TO BE INSULATED TO PREVENT CONDENSATION.
7. GENERAL CONTRACTOR TO PROVIDE SERVICE AND FILL-TY CONNECT EQUIPMENT ITEMS, FURNISH AND INSTALL ALL MATERIAL, VALVES, TRAPS, FITTINGS, STOPS, PRESSURE REGULATORS, AND PIPING BETWEEN EQUIPMENT AND STUB OUT LOCATION TO MAKE EQUIPMENT FILL-TY OPERATIONAL.
8. PIPING SHALL BE CONCEALED IN WALLS WHEREVER POSSIBLE. STUB OUT CENTERS OF STUB OUT CENTER OF STUB OUT.
9. STUB OUT LOCATION AND CONNECTION REQUIREMENTS ARE RELATIVE ONLY TO THE EQUIPMENT. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REQUIREMENTS FOR FINAL ROUGH-IN.
10. STUB OUT HEIGHTS ARE TO BE MEASURED FROM THE FINISHED FLOOR, NOT FROM CURBS OR PAYS, TO THE CENTRELINE OF THE STUBOUT. STUBOUTS SHALL EXTEND 4" BEYOND WALLS.
11. HORIZONTAL PIPING AS EXTENDED FROM THE STUBOUT SHALL BE INSTALLED NOT LESS THAN 6" ABOVE FINISHED FLOOR. HORIZONTAL PIPING TO BE BRACED AS REQUIRED WITH STANDOFFS THAT ALLOW FOR CLEANING ACCESS BETWEEN PIPING AND WALL.
12. GENERAL CONTRACTOR TO FURNISH AND INSTALL WALL, AND FLOOR SLEEVES, FLOOR SLEEVES SHALL BE WATER TIGHT AND EXTEND ABOVE FINISHED FLOOR TO PROVIDE PROPER FLASH AND GRESS TO BE FLASH SEAL SLEEVES OPENINGS WATER TIGHT.
13. ALL FLOOR SINKS ARE TO BE SET FLUSH WITH THE FINISHED FLOOR OR FINISHED CURB, FILL-TY OR PARTIALLY EXPOSED FLOOR SINKS ARE TO BE COMPLETE WITH TOP GRATE, TYPE AS INDICATED. IN THE EVENT THAT LOCAL CODES REQUIRE FLOOR SINKS TO BE SET ABOVE OR BELOW FINISHED FLOOR, THE GENERAL CONTRACTOR SHALL CONSULT WITH THE ARCHITECT AND FOOD SERVICE DESIGNER.
14. FAUCETS AND LEVER WASTE SHALL BE SUPPLIED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR AND INSTALLED BY THE GENERAL CONTRACTOR.
15. GENERAL WATER PRESSURE IN KITCHEN SHALL NOT EXCEED 50 PSI. GENERAL CONTRACTOR TO FINISH AND INSTALL PRESSURE REDUCING VALVES AS REQUIRED.
16. PIPING FROM REFRIGERATION COILS TO CONDENSERS AND FROM COILS TO DRAINS IS PROVIDED UNDER THE REFRIGERATION SCOPE - SEE CONDITIONS PLAN.
17. IF REQUIRED, GREASE INTERCEPTORS ARE TO BE SIZED LOCATED AND INSTALLED PER LOCAL CODES. GREASE INTERCEPTOR SPECIFICATIONS ARE TO BE VERIFIED AND COORDINATED WITH THE OWNER, DESIGN TEAM, GENERAL CONTRACTOR, AND FOOD SERVICE EQUIPMENT CONTRACTORS.
18. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPAIRING ANY DAMAGE TO EXISTING FINISHED FLOOR, WALLS, CEILING, OR OTHER CEILING, WALLS, OR FLOORS AS REQUIRED FOR THE PERFORMANCE OF WORK.
19. EXISTING PIPES MAY NEED MODIFICATION TO CLEAR NEW UTILITIES. THE GENERAL CONTRACTOR SHALL COORDINATE WITH ALL TRADERS PRIOR TO THE START OF WORK.
20. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES, PERMITS, AND LICENSES FOR THE COMPLETE INSTALLATION OF HIS WORK.
21. GENERAL CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL LOCAL AND NATIONAL CODES.
22. WORK INDICATED ON THESE DRAWINGS SHALL BE COORDINATED WITH WORK BY ALL OTHER TRADES.
23. WHEN ROUGHING IN THE TRADES SHALL BE RESPONSIBLE FOR MAKING ALLOWANCES FOR VALVES, TRAPS, DISCONNECTS ETC.



## 1 PLUMBING ROUGH-IN PLAN 1/4" = 1'-0"



## 2 WATER FILTER DETAIL N.T.S.



## 3 FLOOR SINK DETAIL N.T.S.

PLUMBING LEGEND	
	PLUMBING STUB-UP
	FIELD CONN. BY PLUMB.
	FIELD CONN. COLD WATER
	FIELD CONN. HOT WATER
	FLOOR SINK
	FLOOR SINK W/GRATE
	FUNNEL FLOOR DRAIN
	DRAIN LOCATION
	OPEN SITE DRAIN
	GAS CONNECTION
	STEAM CONNECTION
	AIR CONNECTION
	DRAIN VALVE
	FILTERED WATER
	HOT WATER
	COLD WATER
	INDIRECT WASTE
	DIRECT WASTE
	FLOOR SINK
	FILTERED WATER

<p><b>LLOYD ARCHITECTS</b> Two High Cliff, Plymouth MA 02360 T 508 874 4646 F 508 874 4646 E info@lloydarch.com www.lloydarch.com</p>	<p><b>Building Engineers, Inc.</b> 28 Main Street, Bldg. #3 North Fason, MA 02356 T: (508) 234-0260 F: (508) 234-0260 E: info@buildingengineers.com</p>	<p><b>L&amp;M Foodservice</b> DESIGN GROUP 811 Chestnut Park Drive Glen Burnie, MD 21061 Ph: (410) 863-1802 F: (410) 863-1808</p>	<p><b>JMS Host</b> 6600 Rockledge Drive Bethesda, MD 20817 Ph: (240) 644-0695 Fax: (240) 644-1115</p>	<p><b>HMS HOST</b></p>	<p><b>The Shipyard</b> Portland International Jetport 1001 Westbrook Street Portland, ME 04102</p>	<p><b>THE SHIPYARD BREWING COMPANY</b> 1001 Westbrook Street Portland, ME 04102</p>	<table border="1"> <thead> <tr> <th>Item</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>Engineering Issues</td> <td>1/14/21</td> </tr> <tr> <td>Rev. Submittals</td> <td>1/14/21</td> </tr> </tbody> </table>	Item	Date	Engineering Issues	1/14/21	Rev. Submittals	1/14/21
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<p>Job No.: 07417 Scale: As noted Issued: 12-11-07 PLUMBING ROUGH-IN PLAN FS-2.1 Smygal University, Portland, ME</p>													