<u> </u>	1 3	4 , 5 , 6 , 7 , 8 , 9 , 10	1
PIPE ELBOW TURNED DN PIPE ELBOW TURNED UP PIPING TEE DOWN PIPING TEE UP PIPER ISER PERMOVED CAPPED BELOW FINISHED FLOOR CONCENTRIC REDUCER PIPING PITCHES DOWN PIPE GUIDE EXPANSION JOINT PIPE ANCHOR PIPE ANCHOR PIPE ANCHOR PIPE ANCHOR PIPE ELBOW TURNED DN PIPE ELBOW TURNED TO PIPE PIPE ELBOW	THERMOSTATIC INDIC T.T. = THERMOSTATIC INDIC T.T. = THERMOSTATIC B.T. = BUCKET TRAP) PLUG VALVE PUMP ~ POINT OF TRIANGLE INDICATES DIRECTION OF FLOW 3-WAY CONTROL VALVE LOCK & SHIELD VALVE LOCK & SHIELD VALVE CHECK VALVE BALANCING VALVE BALANCING VALVE CIRCUIT SETTER) AIR VENT ~ REFER TO SPECIFICATIONS THERMOSTATIC INDIC T.T. = THERMOSTATIC IN	EPANSION LOOP (BRADEDMANIFACTURED) FLOOR GRAM FLOOR GRAM FLOOR GRAM RETURN DUCT TURNED UPDON FLOOR FLOOR FLOOR FROM FROM FROM FROM FROM FROM FROM F	Allied Engineering Structural Mechanical Electrical Commissioning F: 207.221.2260 F: 207.221.2266 Web: www.allied-eng.com
BACKFLOW PREVENTER BACKFLOW PREVENTER FLEXIBLE CONNECTION SHUT-OFF/ISOLATION VALVE REFER TO SPECIFICATIONS GATE VALVE ~ OUTSIDE SCREW & YOKE (OS&Y) E1 SYMBOLS LEGEND NONE	PRESSURE REDUCING VALVE FLOW SWITCH FUSIBLE LINK VALVE WALL CLEANOUT	SQUARE TO ROUND TRANSITION FILEX DUCT - DOUBLE LINE FILEX DUCT - SINGLE LINE BDD BACKDRAFT DAMPER AAV AUTOMATIC AIR VENT DN DOWN LP LIQUID PETROLEUM GAS TOD TOP OF DUCT	OCIATE
D — AW — ACID WASTE — ATV — AIR RELIEF — BBD — BOILER BLOWDOWN — C — CONDENSATE (HVAC DRAIN PAN) C — CONDENSATE (HVAC DRAIN PAN - BELOW FLOOR) — CA — COMPRESSED AIR — CHWR — CHILLED WATER RETURN — CHWS — CONDENSER WATER SUPPLY — CWS — CONDENSER WATER RETURN — DOMESTIC COLD WATER (DCW) — — DOMESTIC HOT WATER (DHW) — D — DOMESTIC WATER RECIRC. (DHWR) — D — DRAIN — FM — PUMP FORCE MAIN		ACC ABOVE CEILING DS DOWNSPOUT LER LOW PRESSURE STEAM RETURN TP TRAP PRIMER ACC AIR COOLED CONDENSER DT DROP AND TRANSITION LPS LOW PRESSURE STEAM SUPPLY TSP TOTAL STATIC PRESSURE ACU AIR COOLED CONDENSER DT DROP AND TRANSITION LPS LOW PRESSURE STEAM SUPPLY TSP TOTAL STATIC PRESSURE ACU AIR COOLED CONDENSER DT DROP AND TRANSITION LPS LOW PRESSURE STEAM SUPPLY TSP TOTAL STATIC PRESSURE ACU AIR COOLED CONDENSER DT DROP DRAIN VALVE ADA AMERICANS WITH DISABILITIES ACT DWG DRAIN VALVE ADA AMERICANS WITH DISABILITIES ACT DWG DRAIN VALVE ADA AMERICANS WITH DISABILITIES ACT DWG DRAIN VALVE AC ACID EXHAUST AR MER MANUFACTURER TV TURNING VANE AE ACID EXHAUST E E EXHAUST FAN MIN MINIMUM TYP TYPICAL AFF. AFF. ABOVE FINISHED FLOOR ELEV ELEVATION MPG MEDIUM PRESSURE GAS UIC UP IN CHASE AHU AIR HANDLING UNIT ELONG ELONGATE MPV MULTI-PURPOSE VALVE UIW UP IN WALL APPROX APPROXIMATE: APPROXIMATELY ER EXHAUST REGISTER MIG MOUNTING UV UNIT VENTILLATOR APPROX APPROXIMATE: APPROXIMATELY ER EXHAUST REGISTER MIG MOUNTING UV UNIT VENTILLATOR APPROX APPROXIMATE: APPROXIMATELY ER EXHAUST REGISTER MIG MOUNTING UV UNIT VENTILLATOR APPROX APPROXIMATE: APPROXIMATELY ER EXHAUST REGISTER MIG MOUNTING UV UNIT VENTILLATOR APPROX APPROXIMATE: APPROXIMATELY ER EXHAUST REGISTER MIG MOUNTING UV UNIT VENTILLATOR APPROX APPROXIMATE: APPROXIMATELY ER EXHAUST REGISTER MIG MOUNTING UV UNIT VENTILLATOR APPROX APPROXIMATE: APPROXIMATELY E EXHAUST REGISTER MIG MOUNTING UV UNIT VENTILLATOR APPROX APPROXIMATE: APPROXIMATELY E EXHAUST REGISTER MIG MOUNTING UV UNIT VENTILLATOR APPROX APPROXIMATE: APPROXIMATELY E EXHAUST REGISTER MIG MOUNTING UV UNIT VENTILLATOR APPROX APPROXIMATE: APPROXIMATELY E EXHAUST REGISTER MIG MOUNTING UV UNIT VENTILLATOR APPROX APPROXIMATE: APPROXIMATELY E EXHAUST REGISTER MIG MOUNTING UV UNIT VENTILLATOR APPROX APPROXIMATE: APPROXIMATELY E EXHAUST REGISTER MIG MOUNTING UV UNIT VENTILLATOR APPROX APPROXIMATE: APPROXIMATELY E EXHAUST REGISTER MIG MOUNTING UV UNIT VENTILLATOR APPROX APPROXIMATE: APPROXIMATELY E EX	3y: REW d By: HAG Mgr: WPF No: 15028 15028M.DWG P.O. BOX 6179 FALMOUTH MAINE 207.871.5900 www.granthays.cc
FOF FUEL OIL FILL FOR FUEL OIL RETURN FOS FUEL OIL SUPPLY FOV FUEL OIL TANK VENT FW FEEDWATER GR GLYCOL RETURN GS GLYCOL SUPPLY HUMIDIFICATION LINE HYDROGEN GAS HPWR HEAT PUMP WATER RETURN HPWS HEAT PUMP WATER SUPPLY HPC HIGH-PRESSURE CONDENSATE HIGH-PRESSURE STEAM HTWR HIGH-TEMP. HOT WATER RETURN HWW HOT WATER SUPPLY IND INDUSTRIAL WASTE INDIRECT WASTE LIQUID OXYGEN LOX LIQUID OXYGEN LPC LOW-PRESSURE CONDENSATE	REFRIGERANT LIQUID RS REFRIGERANT SUCTION RO REVERSE OSMOSIS WATER RW RAIN WATER ABOVE FLOOR RW RAIN WATER BELOW GRADE SP SPRINKLER MAIN PIPING SWR SOLAR WATER RETURN SWS SOLAR WATER SUPPLY TRAP PRIMER PIPING ABOVE GRADE THE TRAP PRIMER PIPING BELOW GRADE TWR TEMPERED RETURN WATER TWS TEMPERED SUPPLY WATER SANITARY SOIL VENT (ABOVE FLOOR) VAC VACUUM (AIR) VC VACUUM PUMP DISCHARGE W SANITARY SOIL WASTE (ABOVE FLOOR) SANITARY SOIL WASTE (ABOVE FLOOR) SANITARY SOIL WASTE (BELOW FLOOR) SANITARY SOIL WASTE (BELOW FLOOR) SANITARY SOIL WASTE (BELOW FLOOR) SANITARY WET VENT (BELOW FLOOR)		PLUMBING AND HVAC NOTES, EGEND AND ABBREVIATIONS Project Mg NORTHEAST AIR PORTLAND INTERNATIONAL JETPORT 1011 WESTBROOK STREET PORTLAND, MAINE 04102 Scale:
A —— LP—— LIQUID PETROLEUM GAS A1 PIPING LINETYPE LEGEND		DET DETAIL IPS IRON PIPE SIZE S/O SHUT OFF DIA DIAMETER KE-# KITCHEN EQUIPMENT NUMBER S.S. STAINLESS STEEL DIC DOWN IN CHASE LD LINEAR DIFFUSER TD TRENCH DRAIN DIW DOWN IN WALL LE-# SCIENCE LAB EQUIPMENT NUMBER TG TRANSFER GRILLE A4 ABBREVIATIONS	PL-0
NONE 1	7	NONE 4 7 9 10 10	<u> </u>

14 DECEMBER 2015 ~ NOT FOR CONSTRUCTION