TYPICAL P&ID FOR A MADDEN HV SERIES, HEAT RECOVERY SYSTEM PRESSURE RELIEF VALVE PIPING ROOF BLOWDOWN ISOLATION VALVE **BOILER 1** BOILER 2+... CONTINUOUS SURFACE BLOWDOWN CONTINUOUS SURFACE BLOWDOWN PRESSURE RELIEF VALVE BLOWDOWN FLOW CONTROL VALVE OR-MADDEN ORIFICE METER BTTM BD BTTM BD FLASH STEAM VENTED FLASH STEAM D/A TANK HV SERIES BLOWDOWN HEAT REC OVERY SYSTEM MAKE UP WATER TO D/A 0 WARMED BOILER MAKE UP WATER - OUT TYPICALLY + 3-15 DEG F COLD BOILER MAKE UP WATER - IN TYPICALLY 60 TO 70 DEG F. < 140 deg F. Typically closer to 100-120 deg F BLOWDOWN WATER TO DRAIN FRESH MAKEUP WATER SUPPLY BLOWDOWN WATER TO DRAIN 1317 PRINCETON BLVD ELKHART, IN, 46516 info@maddenep.com | www.maddenep.com THIS DRAWING & SPECIFICATIONS ARE PROPERTY OF MADDEN ENGINEERED PRODUCTS, LLC AND MAY NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR PART, AS A BASIS FOR DESIGN MANUFACTURE OR SALE WITHOUT PRIOR PERMISSION FROM MADDEN ENGINEERED PRODUCTS, LLC.