## 6701 EVANSTAD DR N MAPLE GROVE, MN 55369 **GENERAL NOTES** 1. REFER TO P&ID LEAD SHEETS FOR SYMBOLS AND ABBREVIATIONS. 2. ALL AUTOMATED VALVES ARE TO BE FAIL-CLOSE UNLESS OTHERWISE 3. CONNECTION POINTS TO EQUIPMENT ARE SHOWN FOR REFERENCE 4. PIPING AND DUCT TAKEOFFS ARE SHOWN SCHEMATICALLY. FOR ACTUAL TAKEOFF ORDER, SEE PLANS. SHEET NOTES BOX BEFORE THE VALVE RETURN AIR DUCT JUST BEYOND THE MERV 8 FILTER 7. HALF TONE PIDS REPRESENT PHASE TWO SPACE. 2205 WASHROOM **DIRTY STAGING** VAV WITH REHEAT. ZN-T AND ZN-H FROM ROOM STAT. JCI DWG NO. 12-1 VAV WITH REHEAT, RAV, AND RPM. ZN-T AND ZN-H ON RETURN AIR. JCI DWG NO. 16-1 RE: PID-9516 RE: PID-9516 [---- LEVEL 3 Partners in Health Since 1919 WASHROOM STORAGE 2205 CONSULTING ENGINEER HORWITZ WASHROOM DIRTY STAGING 2200 7400 49th AVENUE NORTH NEW HOPE, MN 55428 (763) 533-1900 www.horwitzinc.com 2220 WASHROOM PROJECT KEYSTONE - PHASE 1 **CLEAN STAGING** 2210B WASHROOM 2210A WASHROOM VAV WITH REHEAT, RAV, AND RPM. ZN-T AND ZN-H ON RETURN AIR. JCI DWG NO. 16-1 VAV WITH REHEAT, EAV AND 2 RPM. ZN-T AND ZN-H ON RETURN AIR. JCI DWG NO. 21-1 VAV WITH REHEAT. ZN-T AND ZN-H FROM NETWORK STAT. JCI DWG NO. 12-1 REV BY DATE DESCRIPTION 5 BB 05/31/23 QE-007881 FACILITY ROOM NAME CHANGE SUPPLY AIR FROM DUCT MANIFOLD SUPPLY AIR FROM DUCT MANIFOLD SUPPLY AIR FROM DUCT MANIFOLD HEATING WATER RETURN RE: PID-9516 RE: PID-8011 RE: PID-9516 RE: PID-9516 RE: PID-9516 EXHAUST AIR TO DUCT MANIFOLD RETURN AIR TO DUCT MANIFOLD RETURN AIR TO DUCT MANIFOLD I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF RE: PID-8012 TI TE 2210B-001 TI TE 2210A-001 TI TE 2220-001 Date 05/31/23 LIC NO 50819 LEVEL 3 TIC TE 2220-002 TT 2220-002 TT 2220-002 TT 2220-002 \_\_\_\_\_\_ \_\_\_\_\_LEVEL 3 ----- LEVEL 3 MANNER WITHOUT THE WRITTEN PERMISSION OF THE OWNER. PDL 2210-002 PROJ. NO. 2022.1720 SCALE: 12" = 1'-0" CHECKED BY: RS SHEET SIZE: 30x42 APPROVED BY: TM PDT 2220-001 MONITOR ONLY PDH 2220-001 GMP CORRIDOR 22225 DRAWING TITLE SPACE AIR DISTRIBUTION P&ID WASHROOM WASHROOM CLEAN DIRTY STAGING STAGING [2220] [2200] WASHROOM [2245] DRAWING NUMBER PID-8408 ENTIRE SHEET REISSUED FOR COORDINATION

PROJECT LOCATION

1. SUPPLY AIR: VAV-XXXX (XXXX IS EQUAL TO ROOM NUMBER SERVED) 2. RETURN AIR: RAV-XXXX (XXXX IS EQUAL TO ROOM NUMBER SERVED) 3. EXHAUST AIR: EAV-XXXX (XXXX IS EQUAL TO ROOM NUMBER SERVED) 4. ALL RETURN AIR AND EXHAUST AIR ROOM GRILLES HAVE A 2" MERV 8 5. ALL RETURN AIR AND EXHAUST AIR VALVES HAVE A MERV 13 FILTER 6. SPACE TEMPERATURE TRANSMITTERS ARE TO BE LOCATED IN THE

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