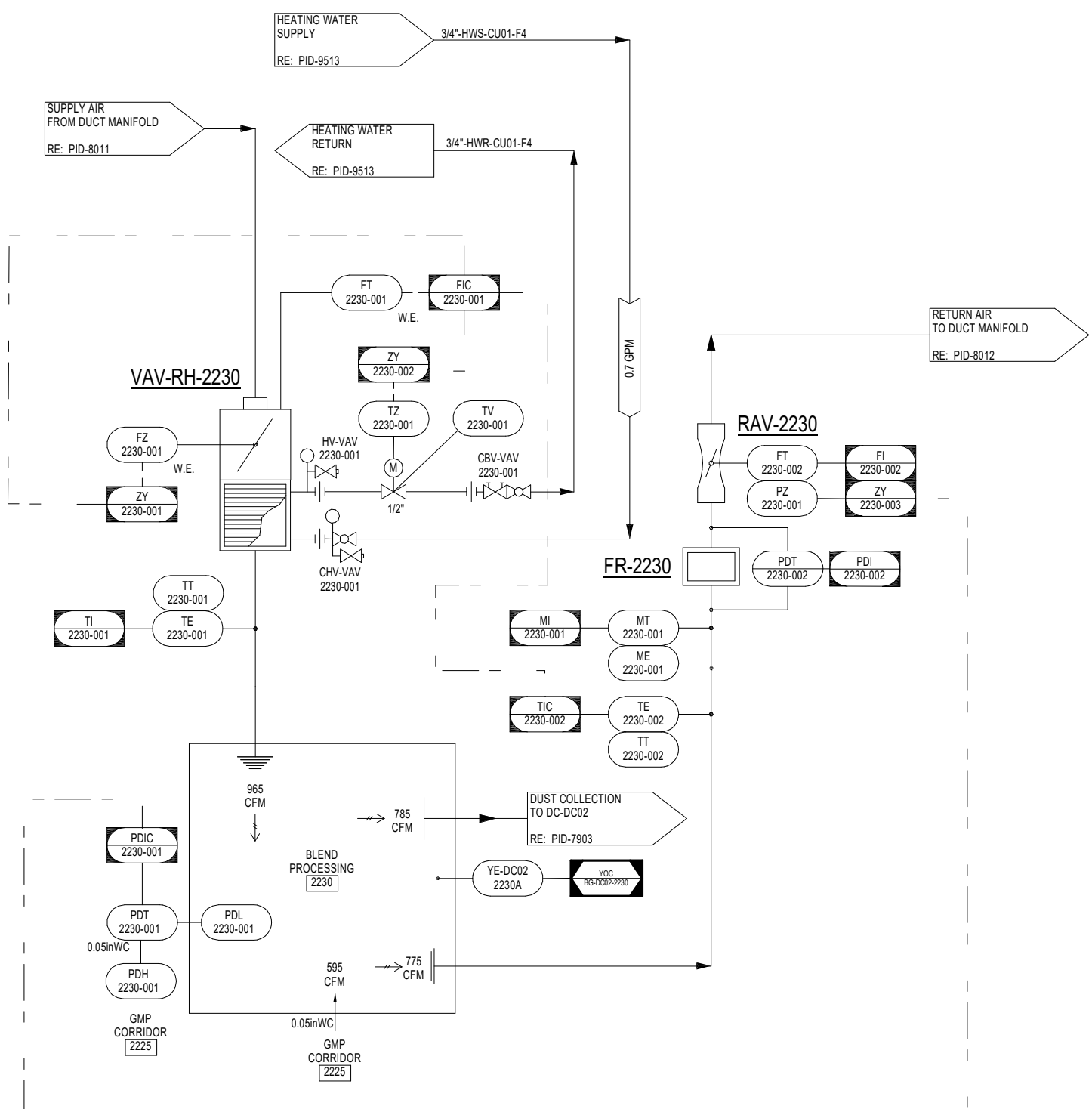


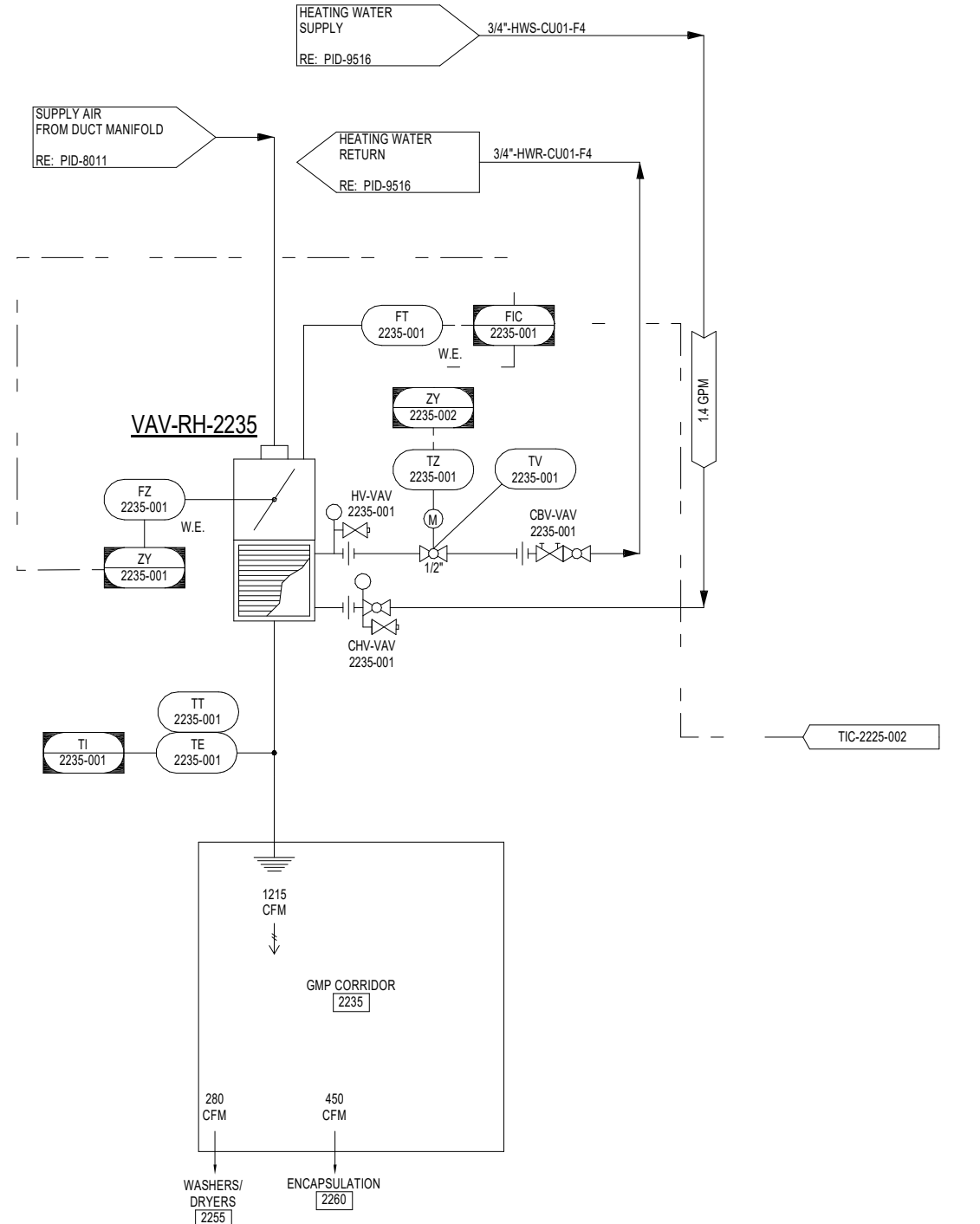
2230 BLEND  
PROCESSING

VAV WITH REHEAT, RAV, AND RPH, ZN-T AND ZN-H ON RETURN AIR, JCD DWG NO. 15-1



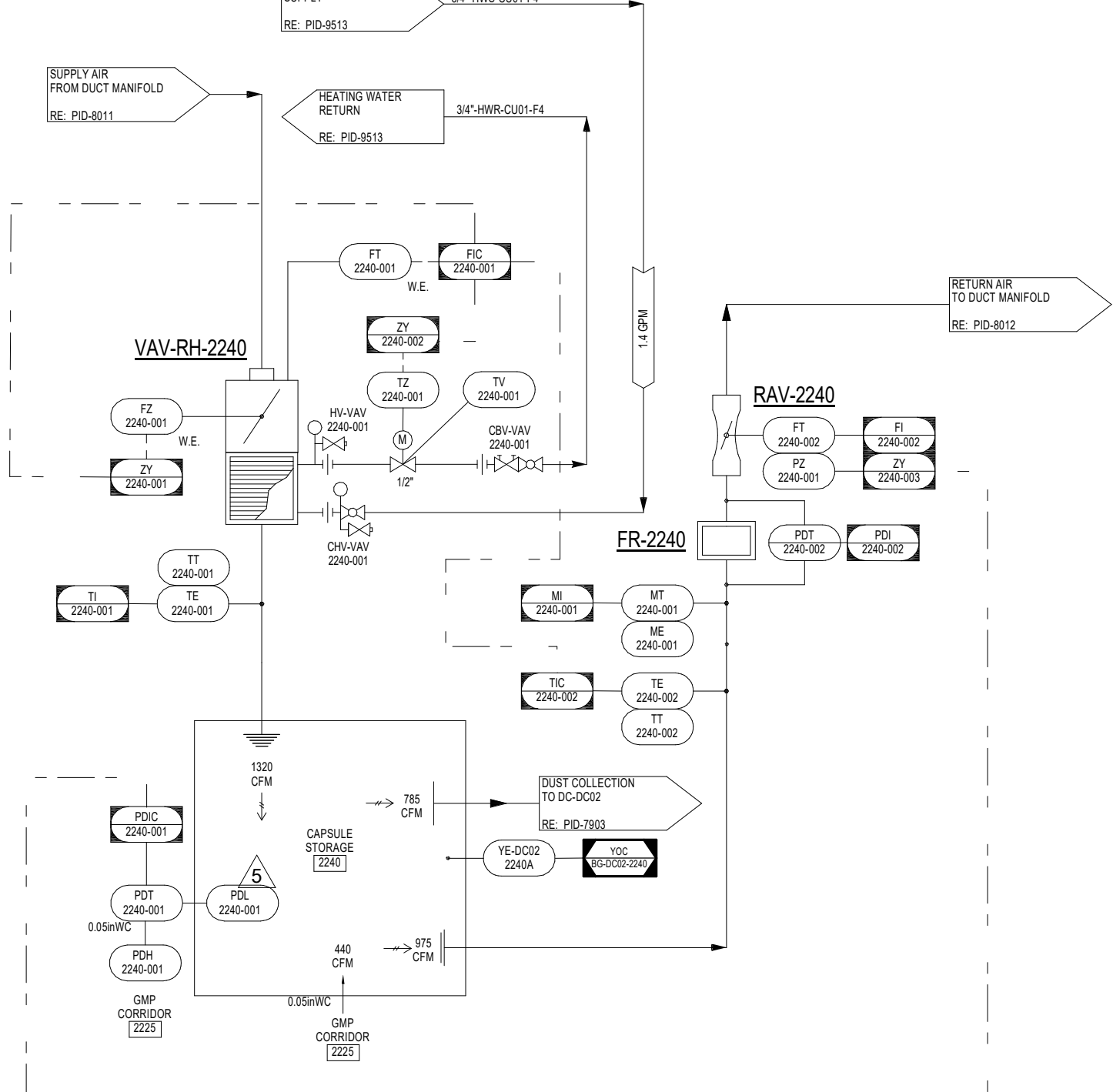
2235 GMP  
CORRIDOR

VAV WITH REHEAT, RAV, AND RPH, ZN-T AND ZN-H ON RETURN AIR, JCD DWG NO. 15-1



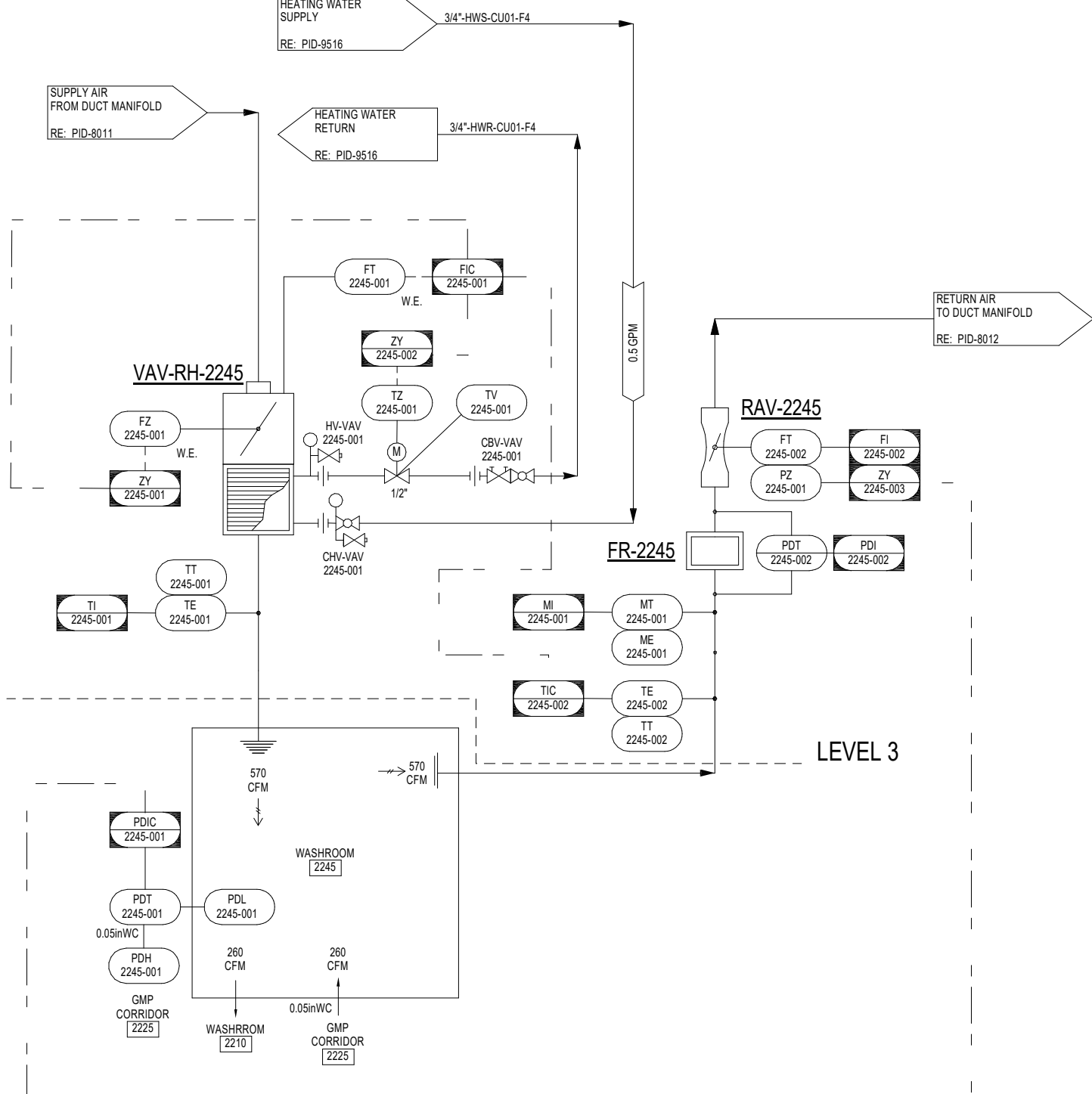
2240 CAPSULE  
STORAGE

VAV WITH REHEAT, RAV, AND RPH, ZN-T AND ZN-H ON RETURN AIR, JCD DWG NO. 15-1



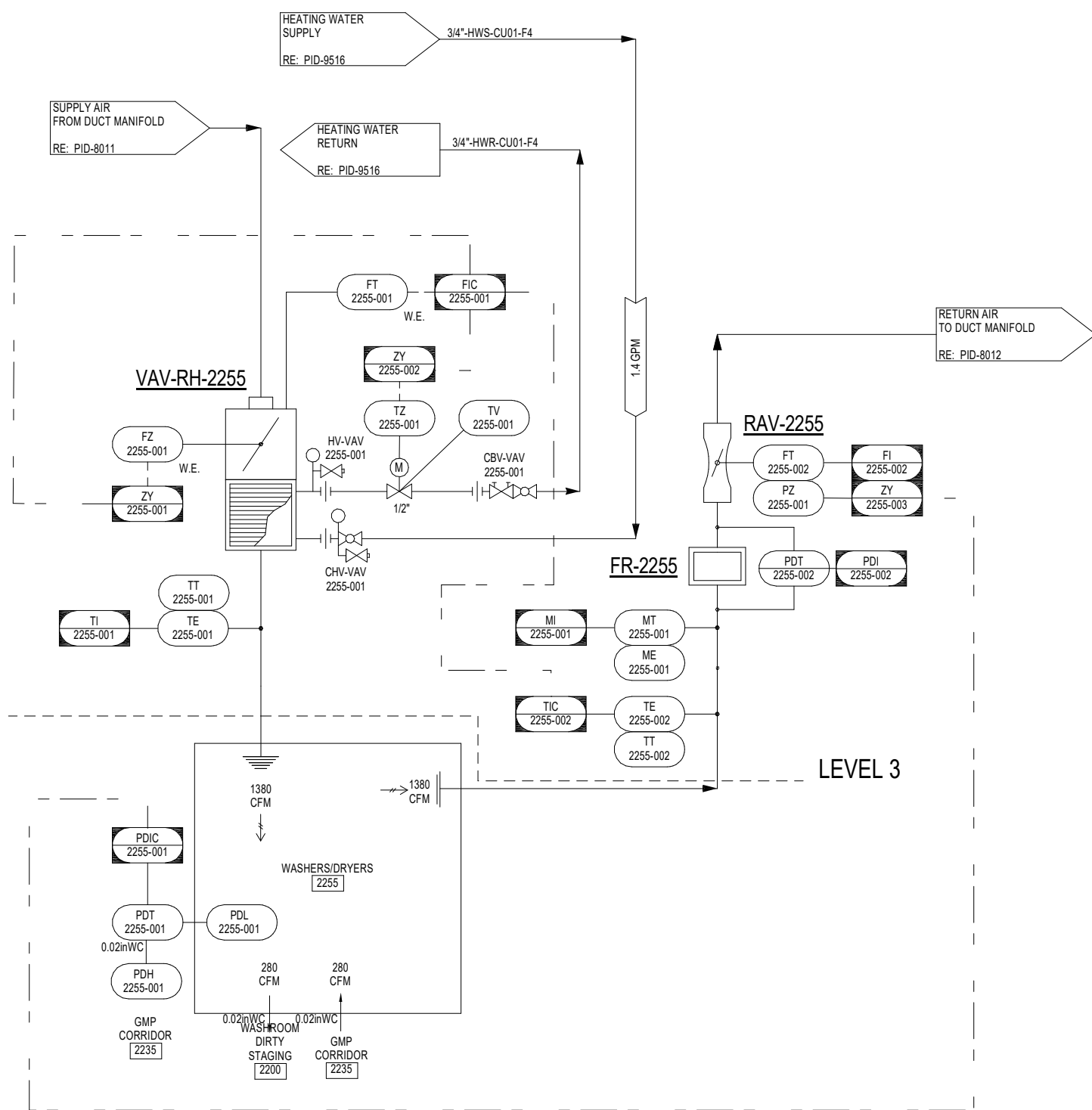
2245 WASHROOM

VAV WITH REHEAT, RAV, AND RPH, ZN-T AND ZN-H ON RETURN AIR, JCD DWG NO. 15-1



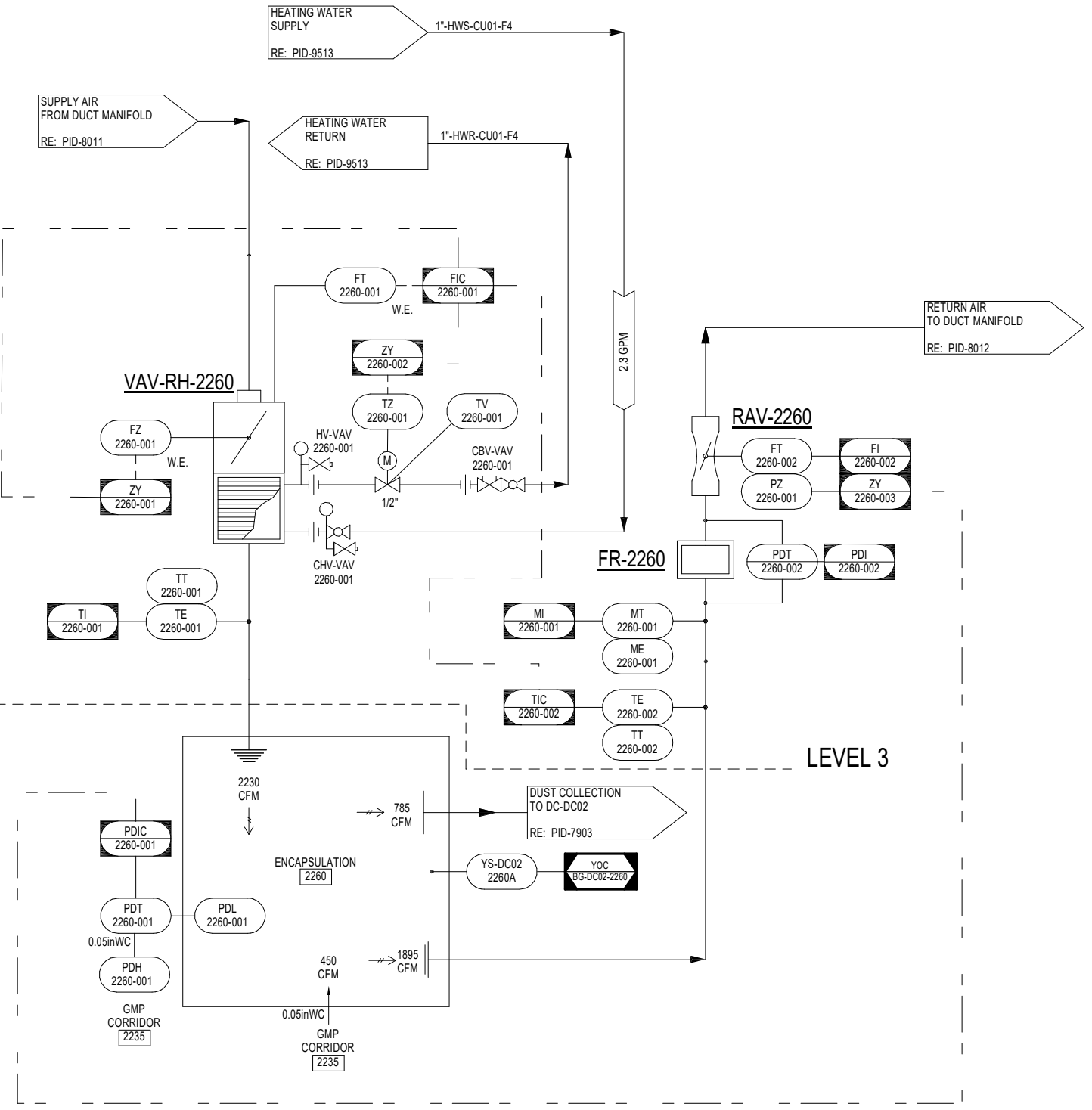
2255  
WASHERS/DRYERS

VAV WITH REHEAT, RAV, AND RPH, ZN-T AND ZN-H ON RETURN AIR, JCD DWG NO. 15-1



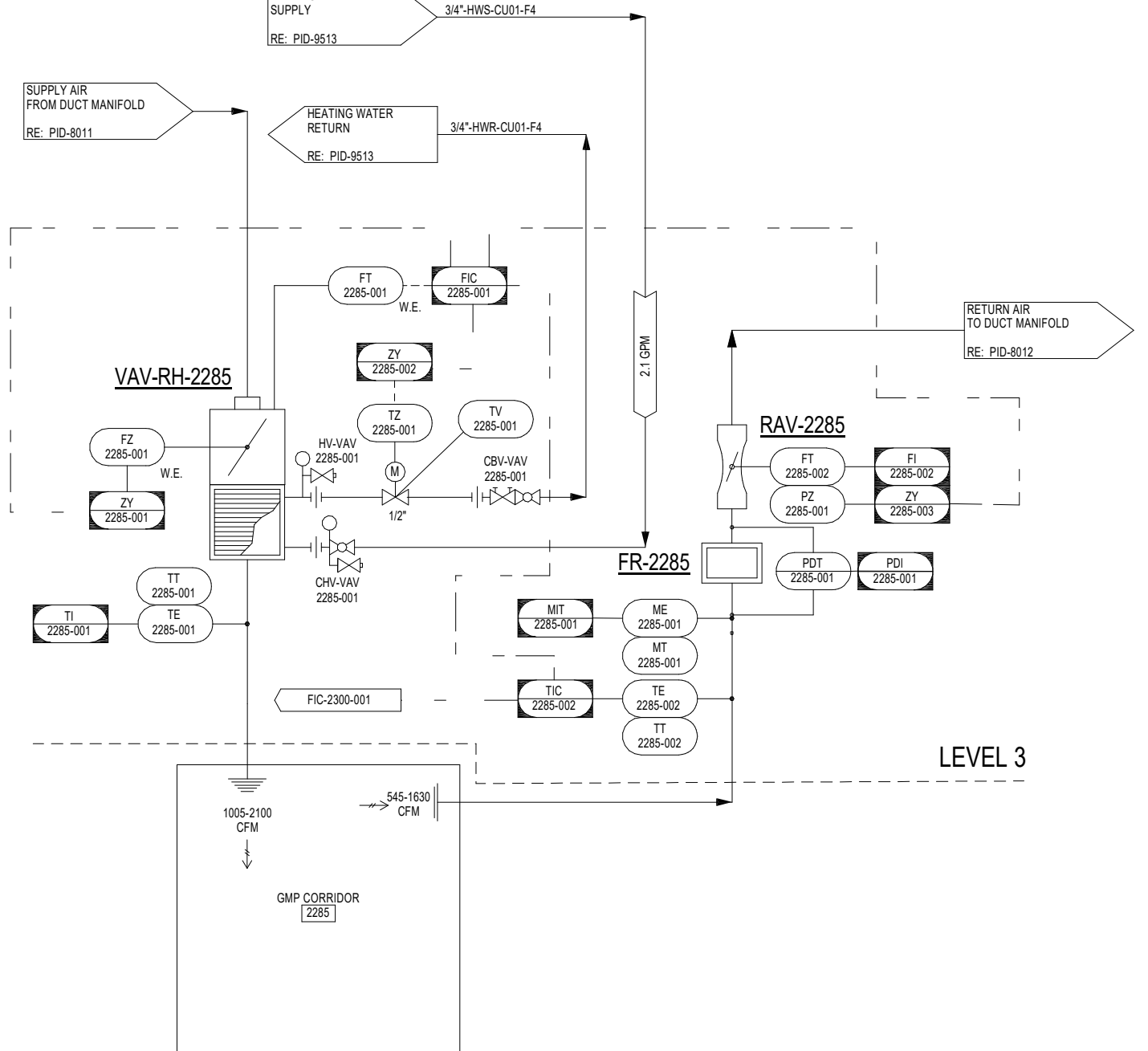
2260  
ENCAPSULATION

VAV WITH REHEAT, RAV, AND RPH, ZN-T AND ZN-H ON RETURN AIR, JCD DWG NO. 15-1



2285 GMP  
CORRIDOR

VAV WITH REHEAT, RAV, AND RPH, ZN-T AND ZN-H ON RETURN AIR, JCD DWG NO. 15-1



PROJECT LOCATION

6701 EVANSTAD DR N  
MAPLE GROVE, MN 55369

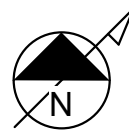
GENERAL NOTES

1. REFER TO P&ID LEAD SHEETS FOR SYMBOLS AND ABBREVIATIONS.
2. ALL AUTOMATED VALVES ARE TO BE FAIL-CLOSE UNLESS OTHERWISE INDICATED.
3. CONNECTION POINTS TO EQUIPMENT ARE SHOWN FOR REFERENCE ONLY.
4. PIPING AND DUCT TAKEOFFS ARE SHOWN SCHEMATICALLY. FOR ACTUAL TAKEOFF ORDER, SEE PLANS.

SHEET NOTES

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 FILTER
5. ALL RETURN AIR AND EXHAUST AIR VALVES HAVE A MERV 13 FILTER BOX BEFORE THE VALVE
6. SPACE TEMPERATURE TRANSMITTERS ARE TO BE LOCATED IN THE RETURN AIR DUCT JUST BEYOND THE MERV 8 FILTER
7. HALF TONE PIDS REPRESENT PHASE TWO SPACE

KEYPLAN



CLIENT

**UPSHER-SMITH**

Partners in Health Since 1919

CONSULTING ENGINEER

**HORWITZ**  
7400 49th AVENUE NORTH  
NEW HOPE, MN 55428  
(763) 533-1900  
www.horwitzinc.com

PROJECT TITLE

PROJECT KEYSTONE - PHASE 1

REV	BY	DATE	DESCRIPTION
5	BB	05/31/23	02-007382 FACILITY ROOM NAME CHANGES

LICENSEE

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 MINNESOTA.

TODD MATELSKI  
Date 05/31/23 LIC NO 50819

CONFIDENTIAL - THIS DRAWING IS THE PROPERTY OF UPSHER-SMITH. THE INFORMATION CONTAINED HEREIN MAY NOT BE USED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

PROJ. NO.	2022.1720	DESIGNED BY:	BB
SCALE:	1/2" = 1'-0"	CHECKED BY:	RS
SHEET SIZE:	30x42	APPROVED BY:	TM

DRAWING TITLE

SPACE AIR DISTRIBUTION P&ID

DRAWING NUMBER

PID-8409

ENTIRE SHEET REISSUED FOR COORDINATION