

PROJECT LOCATION

6701 EVANSTAD DR N
MAPLE GROVE, MN 55369

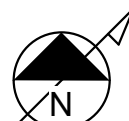
GENERAL NOTES

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
4 RS 05/25/22 AS RECORDED

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 05/25/22 LIC NO 50819

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

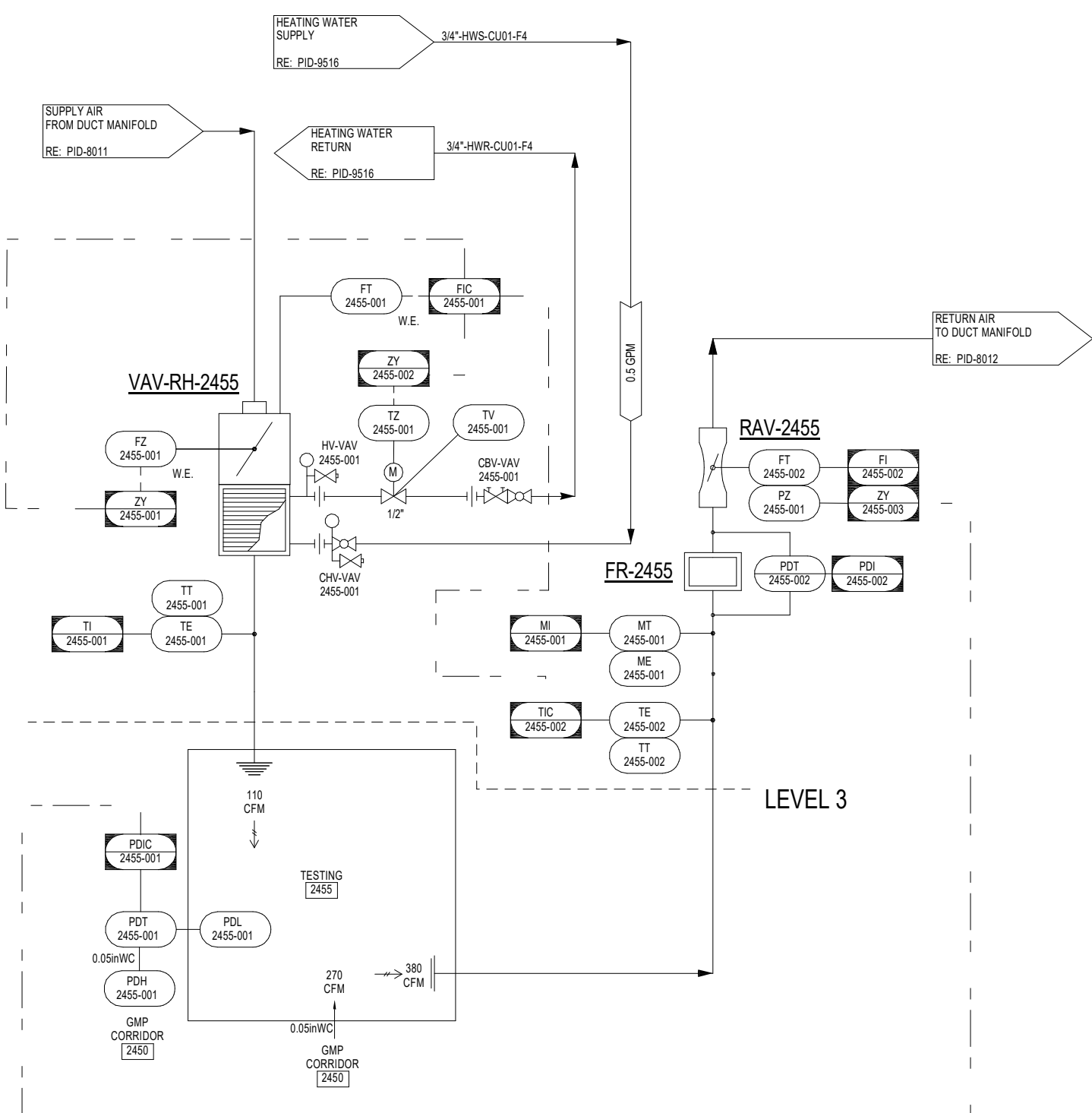
DRAWING TITLE
SPACE AIR DISTRIBUTION P&ID

DRAWING NUMBER
PID-8412

ENTIRE SHEET REISSUED FOR COORDINATION

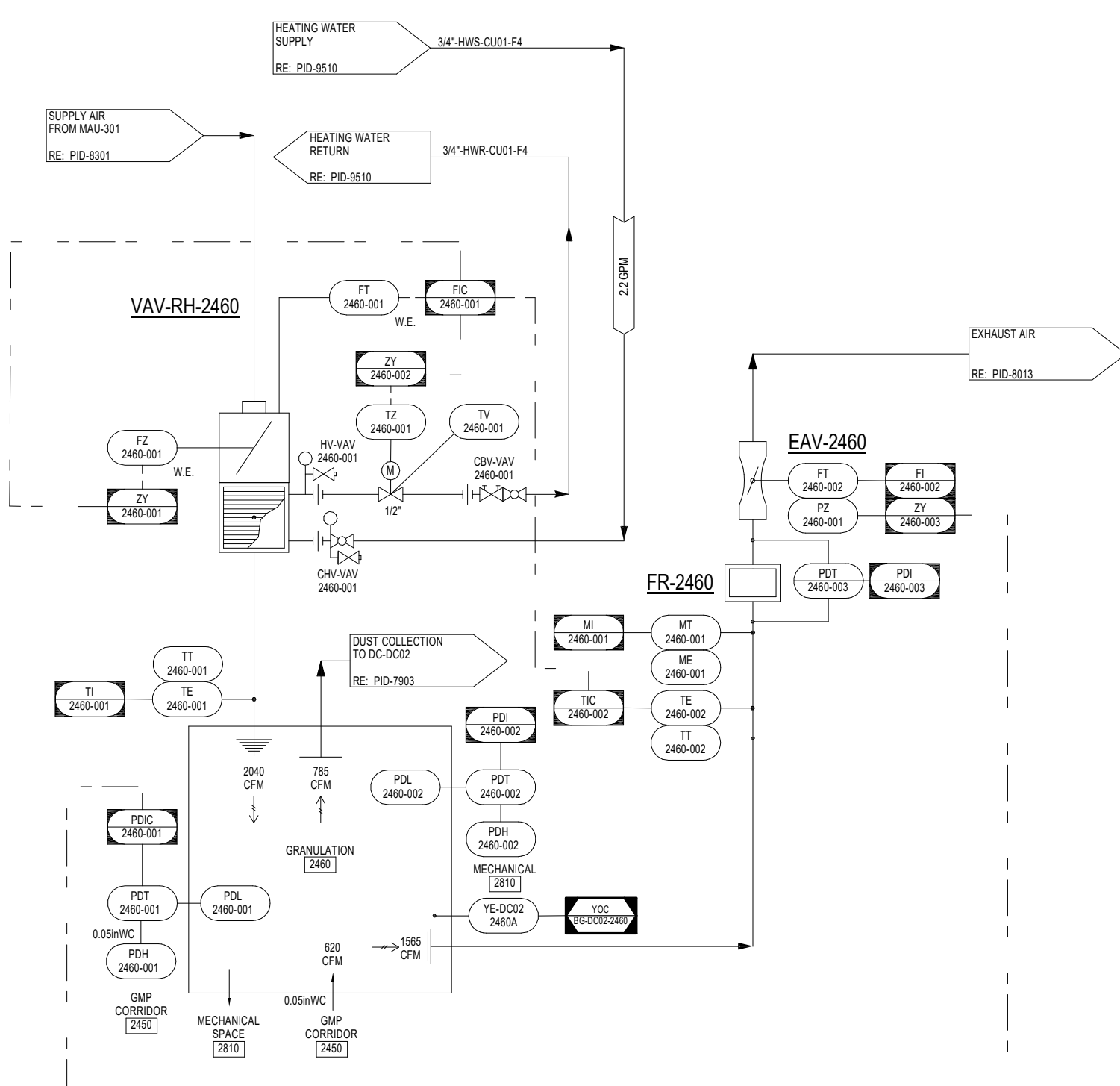
2455 TESTING

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



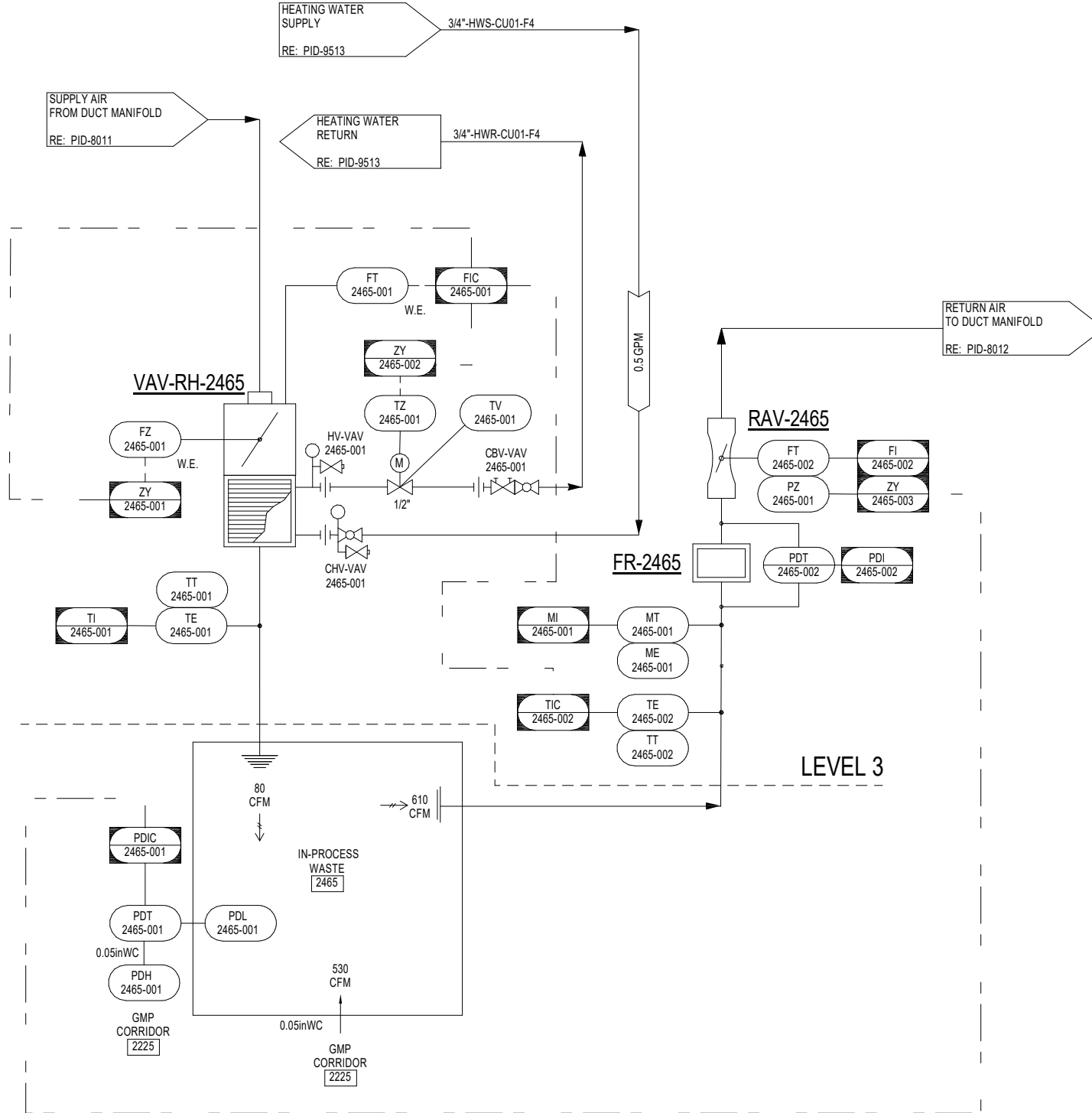
2460 GRANULATION

VAV WITH REHEAT, EAV, RPH, AND RPH. ZN-T AND ZN-H ON RETURN AIR. JCD DWG NO. 22-1



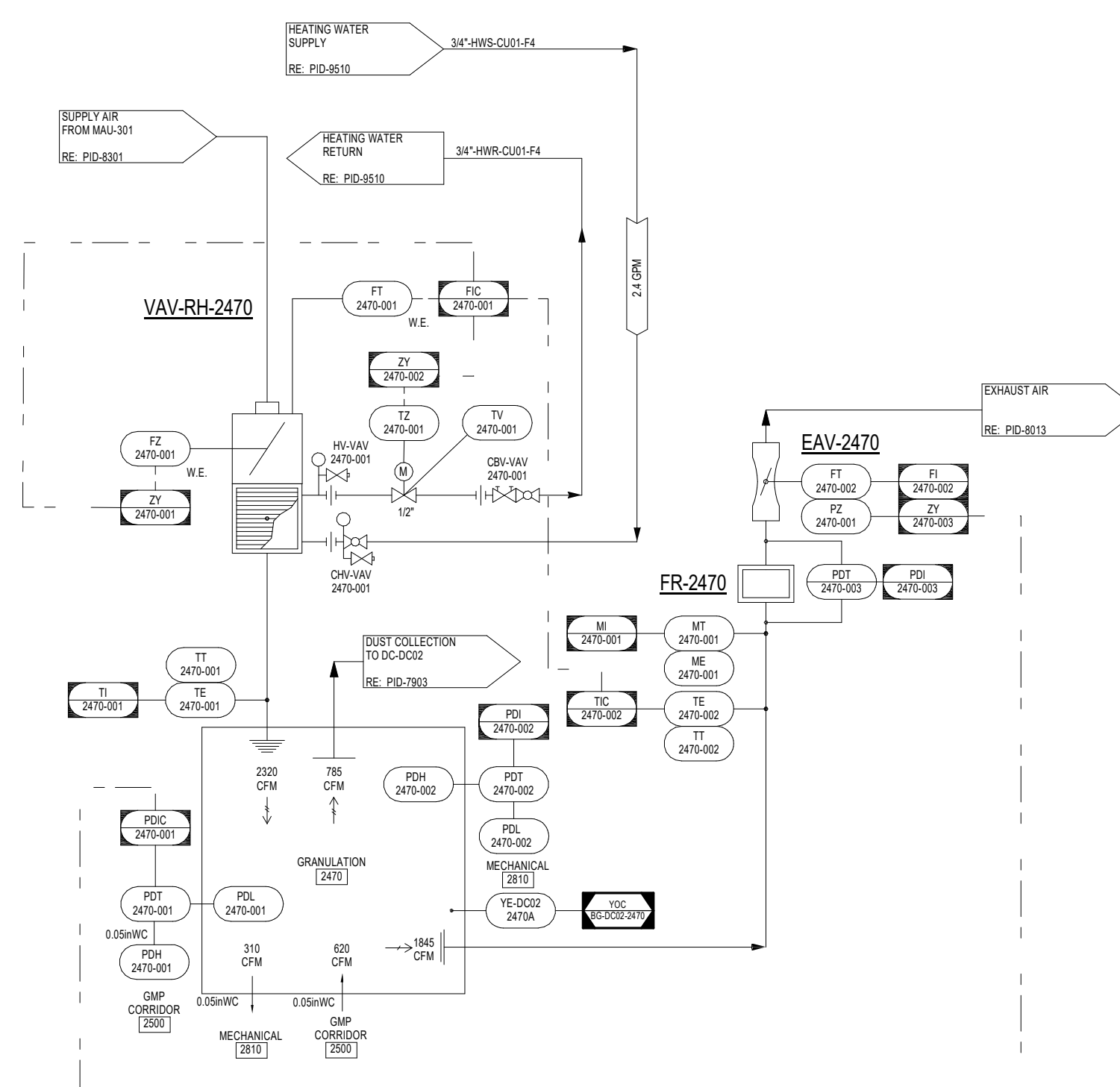
2465 IN-PROCESS WASTE

VAV WITH REHEAT, RAV, AND RPH. ZN-T AND ZN-H ON RETURN AIR. JCD DWG NO. 16-1



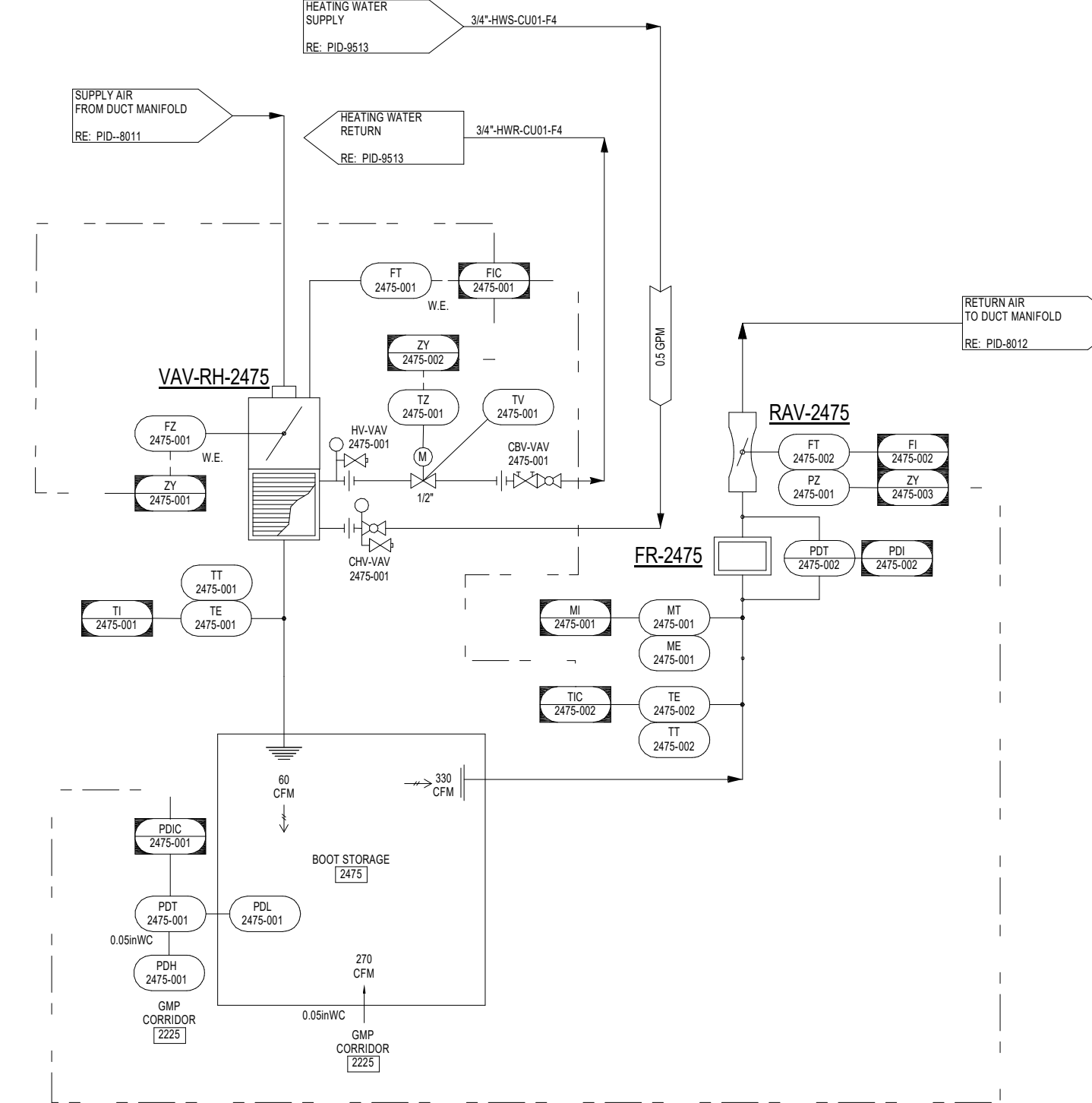
2470 GRANULATION

VAV WITH REHEAT, EAV, RPH, AND RPH. ZN-T AND ZN-H ON RETURN AIR. JCD DWG NO. 22-1



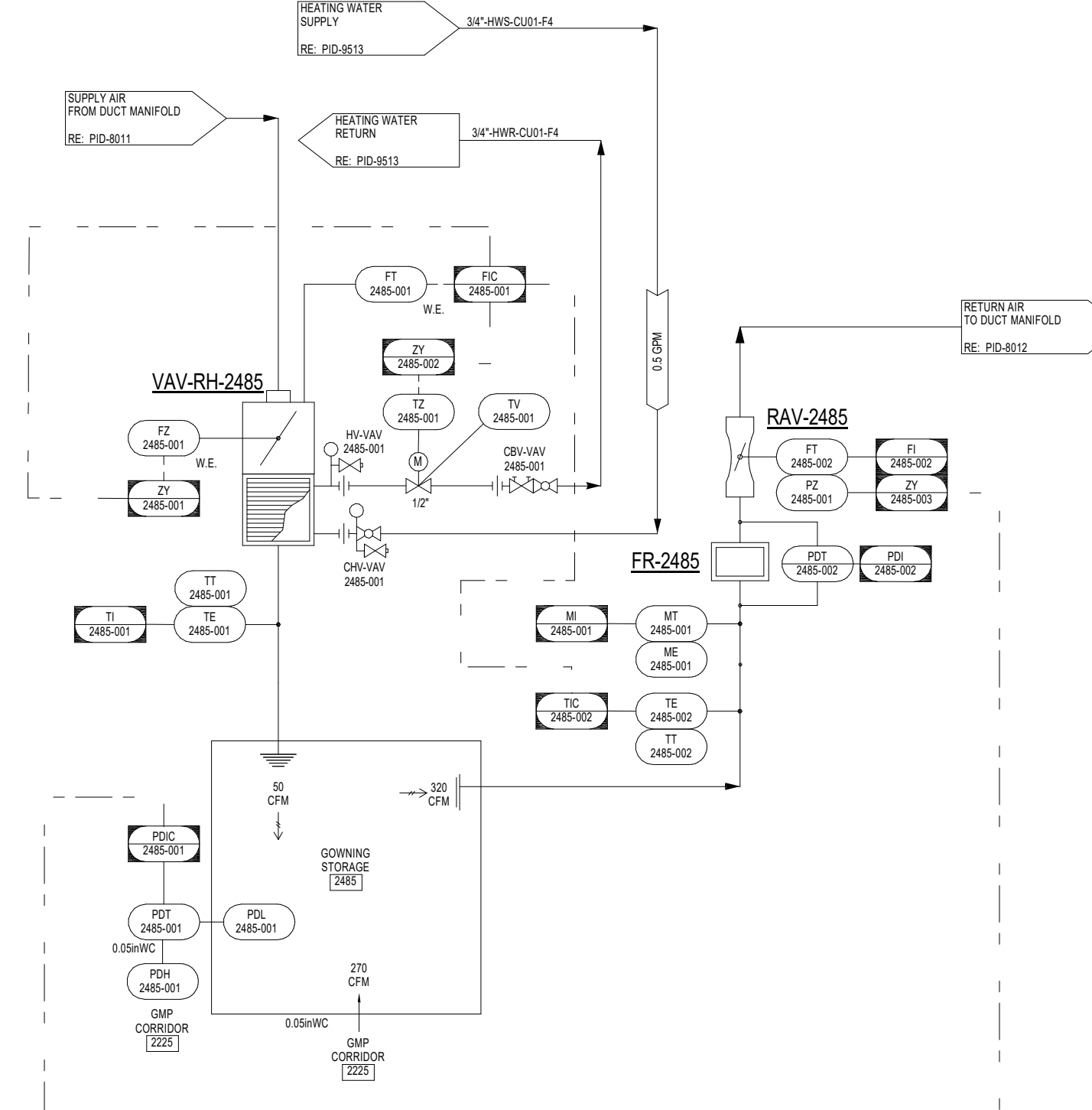
2475 BOOT STORAGE

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



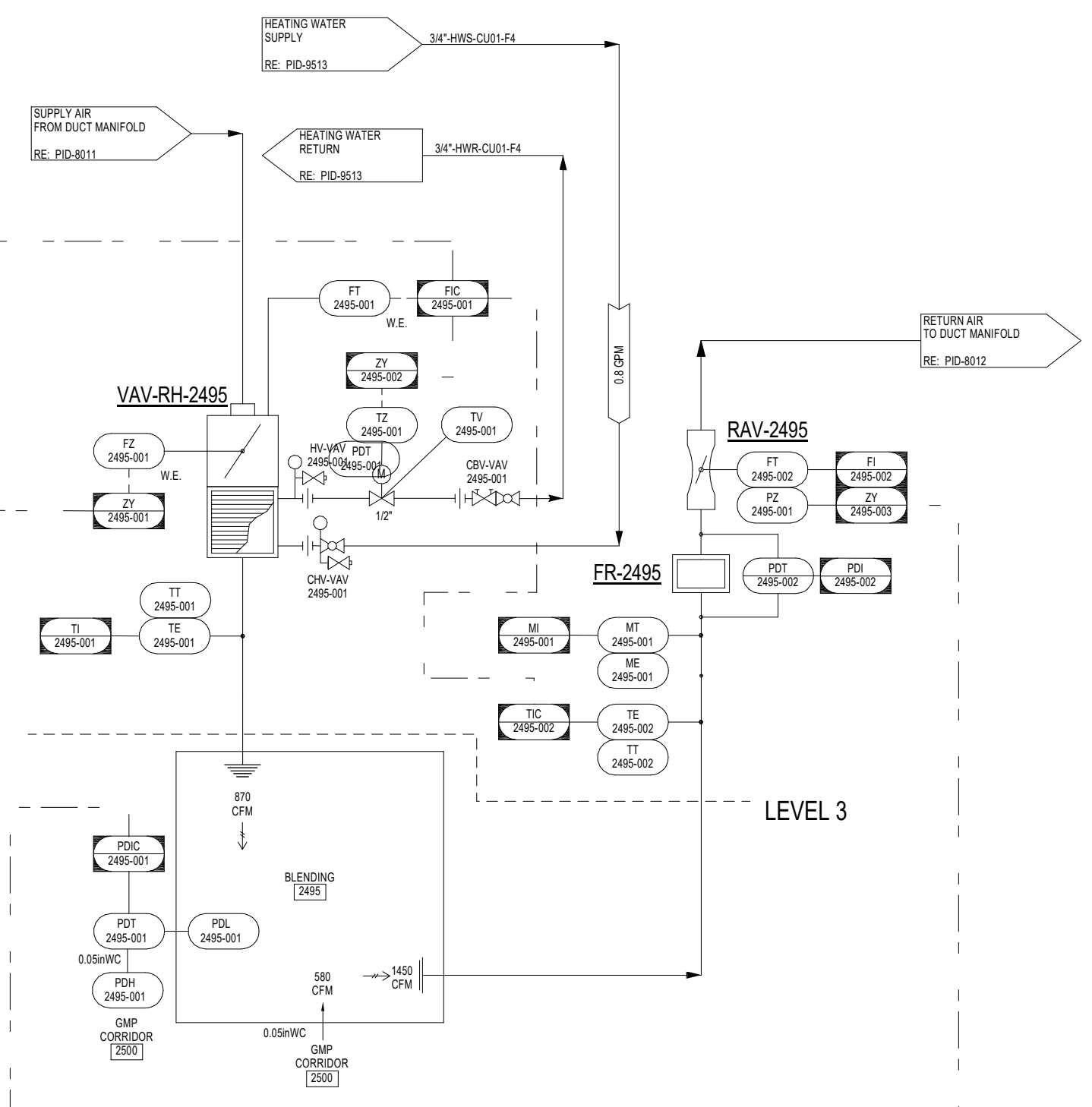
2485 GOWNING STORAGE

VAV WITH REHEAT, RAV, AND RPH. ZN-T AND ZN-H ON RETURN AIR. JCD DWG NO. 16-1



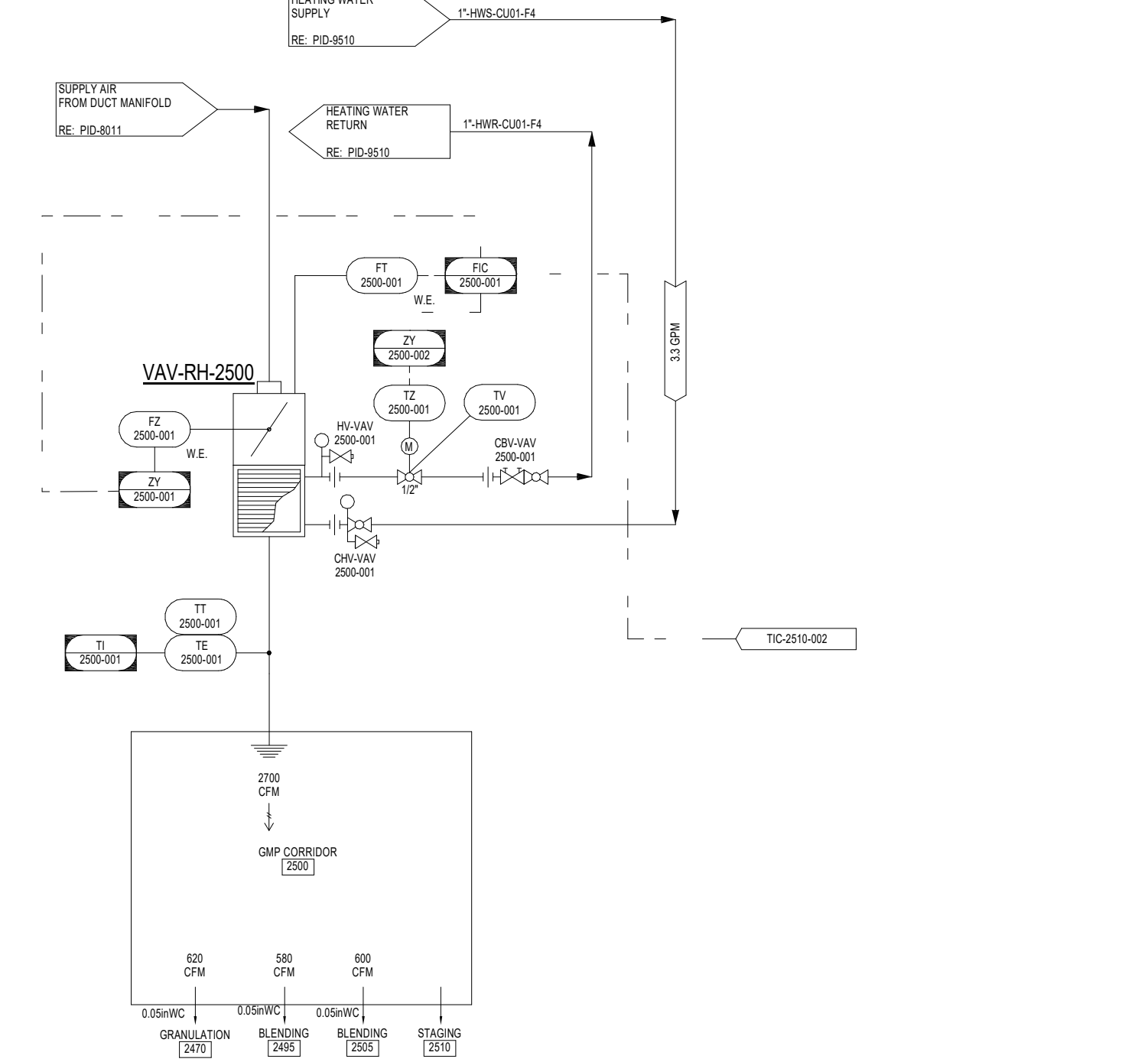
2495 BLENDING

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



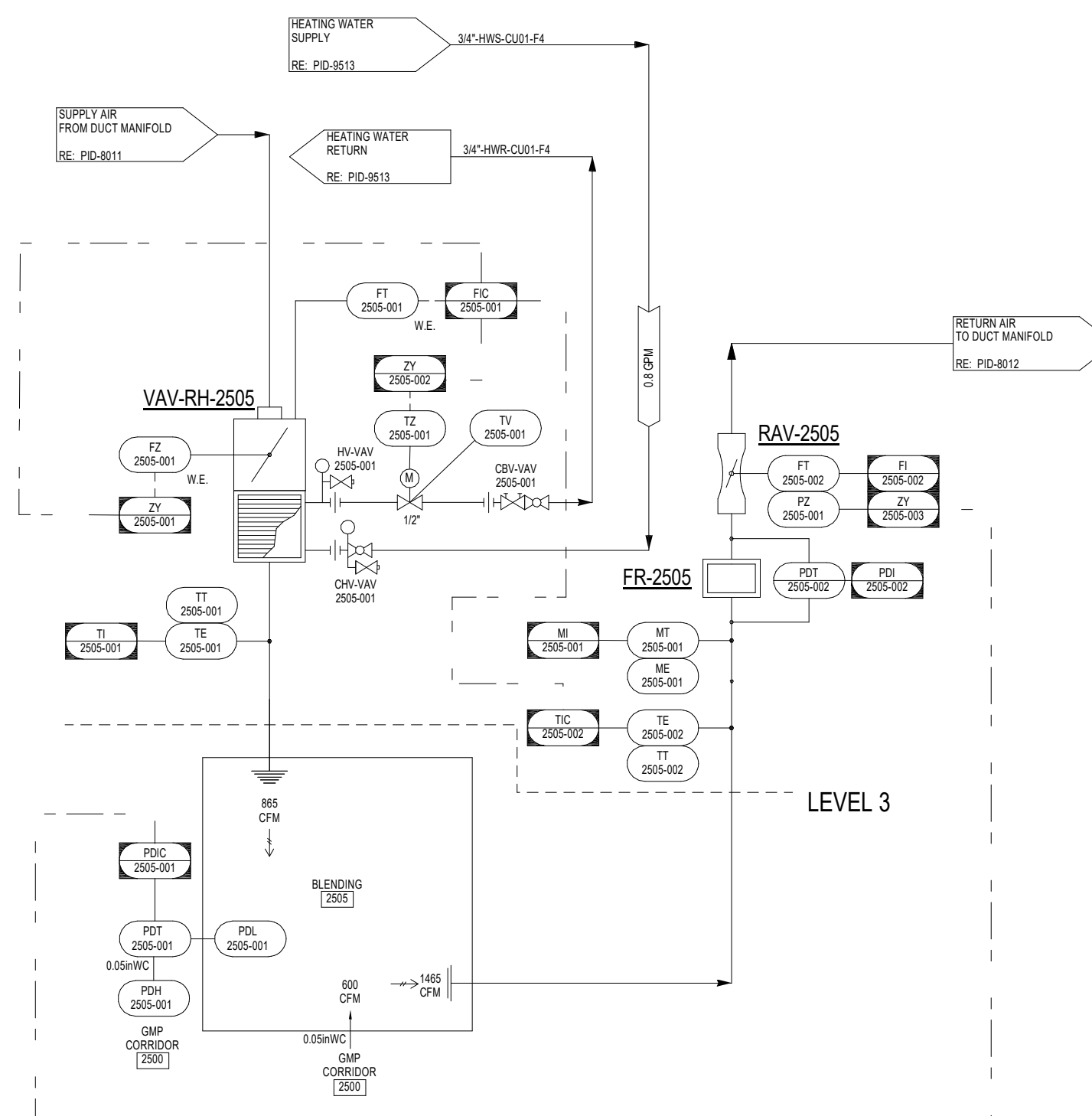
2500 GMP CORRIDOR

VAV WITH REHEAT, ZN-T AND ZN-H FROM NETWORK S147. JCD DWG NO. 12-1



2505 BLENDING

VAV WITH REHEAT, RAV, AND RPH. ZN-T AND ZN-H ON RETURN AIR. JCD DWG NO. 16-1



2510 STAGING

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

