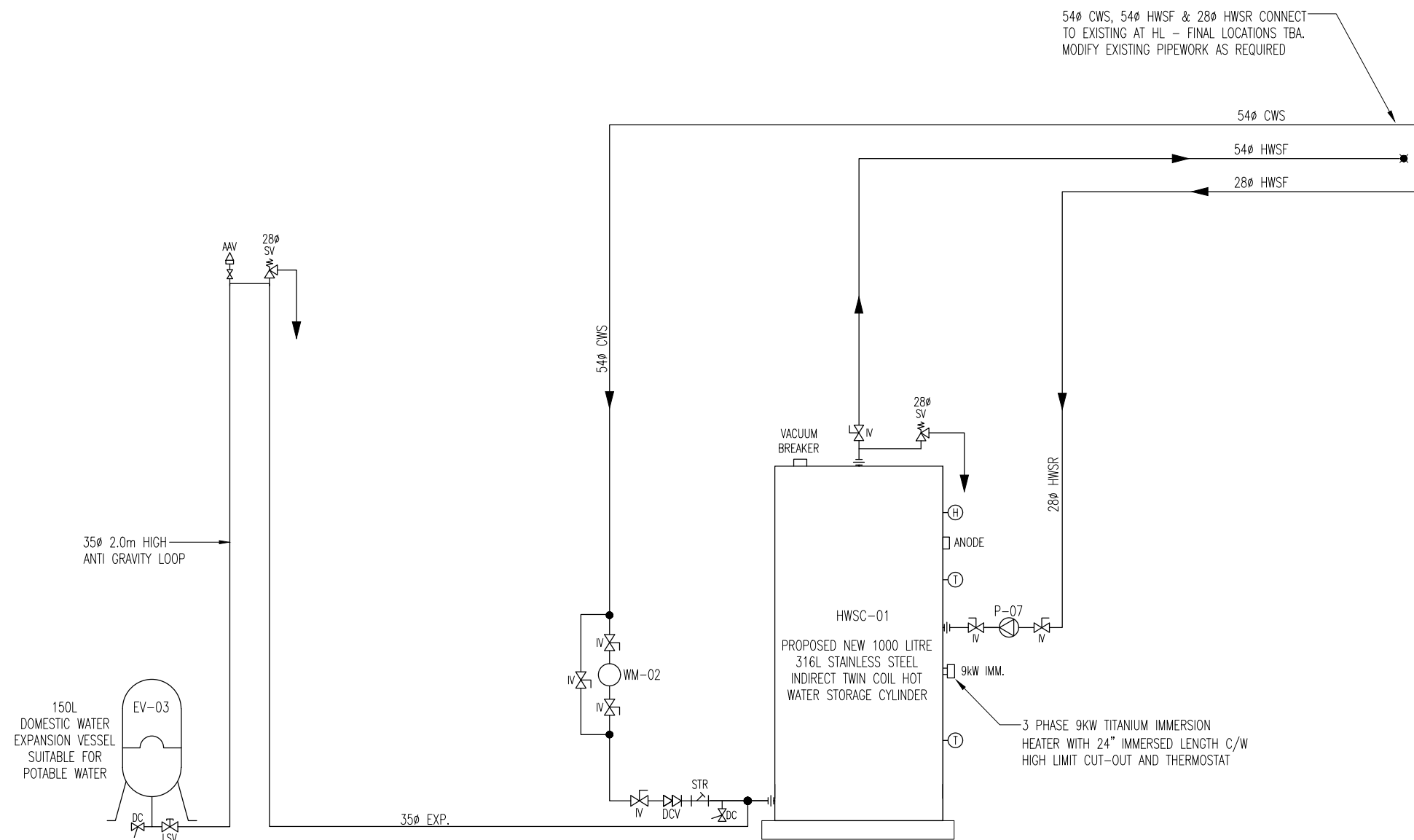


| GENERAL NOTES                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------|
| 1) Do not scale services equipment from this drawing.                                                                                 |
| 2) All dimensions should be checked on site.                                                                                          |
| 3) Any drawing errors or divergences should be brought to the attention of Geaney Engineering Consultants at the address shown below. |
| 4) Drawing to be read in conjunction with all other drawings and documentation.                                                       |

**NOTES:**

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL MECHANICAL, ELECTRICAL, ARCHITECTURAL AND STRUCTURAL DRAWINGS & SPECIFICATIONS.
2. ALL PIPED SERVICES, PLANT, EQUIPMENT, VALVES ETC. SHOWN ON THIS DRAWING ARE PART OF THE NEW INSTALLATION UNLESS INDICATED OTHERWISE.
3. ALL PIPEWORK IN PLANT ROOMS, CEILING VOIDS AND SERVICES RISERS SHALL BE INSULATED AS SPECIFIED IN THE TENDER DOCUMENTS.
4. THERMAL BLANKETS SHALL BE SUPPLIED & FITTED TO ALL NEW VALVES IN THE BOILER ROOM. ALL SHALL BE APPLIED STRICTLY IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS.
5. DOMESTIC WATER SERVICES PIPEWORK SHALL BE COPPER EXCLUDING PIPEWORK IN FLOOR AND MAINS WATERS PIPEWORK.
6. MAINS WATER PIPEWORK SHALL BE NON-METALLIC PIPEWORK – PLASTIC BARRIER PIPEWORK, MULTILAYER COMPOSITE PIPE SUITABLE FOR POTABLE WATER.
7. FINAL PLANT ROOM LAYOUTS TO BE AGREED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
14. THE MECHANICAL CONTRACTOR SHALL ALLOW FOR DRAINING DOWN THE EXISTING DOMESTIC WATER SYSTEM AS REQUIRED TO FACILITATE WORKS AND FOR REFILLING AS REQUIRED FOLLOWING COMPLETION OF WORKS.
15. FINAL LOCATION OF ALL CONNECTIONS TO EXISTING SYSTEMS TO BE AGREED ON SITE PRIOR TO COMMENCEMENT OF WORK. MODIFICATIONS TO EXISTING SYSTEMS TO BE AGREED WITH THE BUILDING SERVICES ENGINEER PRIOR TO COMMENCING WORKS.

| LEGEND:                                                                               |                                                   |
|---------------------------------------------------------------------------------------|---------------------------------------------------|
|    | ISOLATION VALVE - 1/4 TURN STOP COCK              |
|    | DOUBLE CHECK VALVE                                |
|  | 'Y' STRAINER - LINE SIZE                          |
|  | LOCK SHIELD VALVE                                 |
|  | SAFETY VALVE - PADLOCK TYPE, SIZE AS INDICATED    |
|  | DRAINCOCK C/W HOSE CONNECTION                     |
|  | TEMPERATURE SENSOR (WIRED TO BMS)                 |
|  | HIGH LIMIT THERMOSTAT (WIRED TO BMS)              |
|  | CIRCULATING PUMP                                  |
|  | WATER CHECK METER C/W PULSE OUTPUT (WIRED TO BMS) |



|     |              |             |       |         |                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                |                                                                             |                   |                             |                                           |
|-----|--------------|-------------|-------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-------------------|-----------------------------|-------------------------------------------|
|     |              |             |       |         | <br><b>GEANEY<br/>ENGINEERING<br/>CONSULTANTS</b><br><br>STUDIO 22,<br>WATERFORD BUSINESS PARK,<br>CORK ROAD,<br>WATERFORD,<br>IRELAND.<br><br>TEL: 051-879371<br>FAX: 051-853188<br>EMAIL: info@geaneyengineering.ie | project title:<br><br><b>Emergency Works Scheme<br/>Boiler Upgrade at<br/>Castleknock Community College</b><br><br>Carpenterstown Road, Castleknock, Dublin 15 | drawing title:<br><br><b>Proposed Domestic Water<br/>Services Schematic</b> |                   |                             |                                           |
|     |              |             |       |         |                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                |                                                                             | scale:<br><br>NTS | project number:<br><br>0835 | drawing number:<br><br>Volume A. 3.3 - M7 |
| A   | Tender Issue | 23-Jun-2026 | FD    | JG      |                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                |                                                                             |                   |                             |                                           |
| Rev | Description  | Date        | Drawn | Checked |                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                |                                                                             |                   |                             |                                           |
|     |              |             |       |         |                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                |                                                                             |                   |                             |                                           |