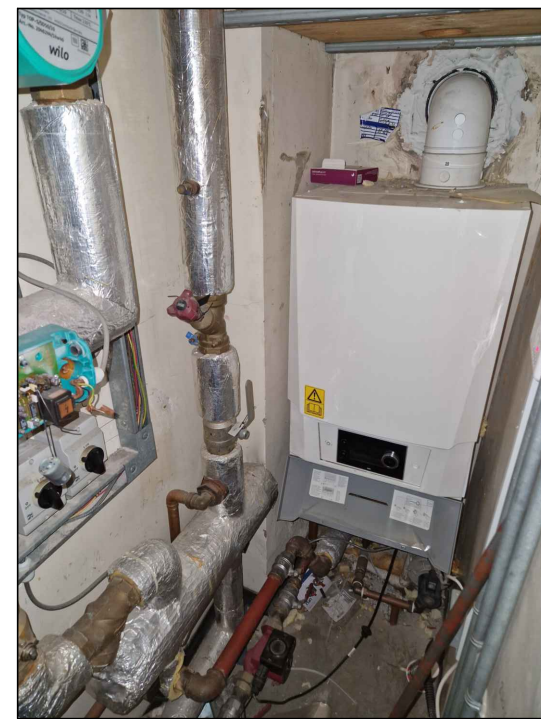
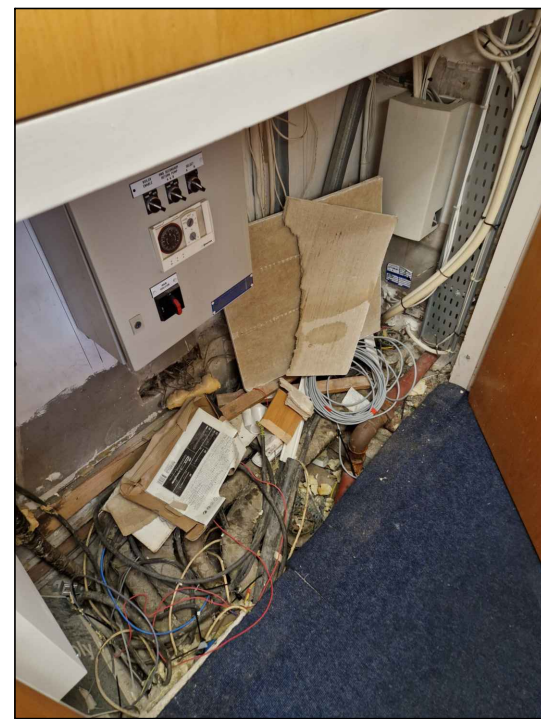
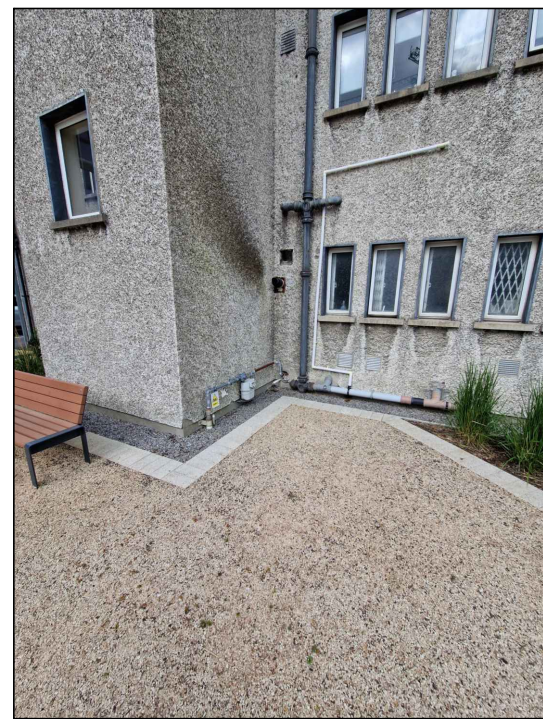




MECHANICAL CONTRACTOR TO COORDINATE THE INSTALLATION OF THE PACKAGED PLANTROOM WITH THE EXISTING MANHOLE IN THE AREA TO ENSURE ACCESS FOR FUTURE MAINTENANCE

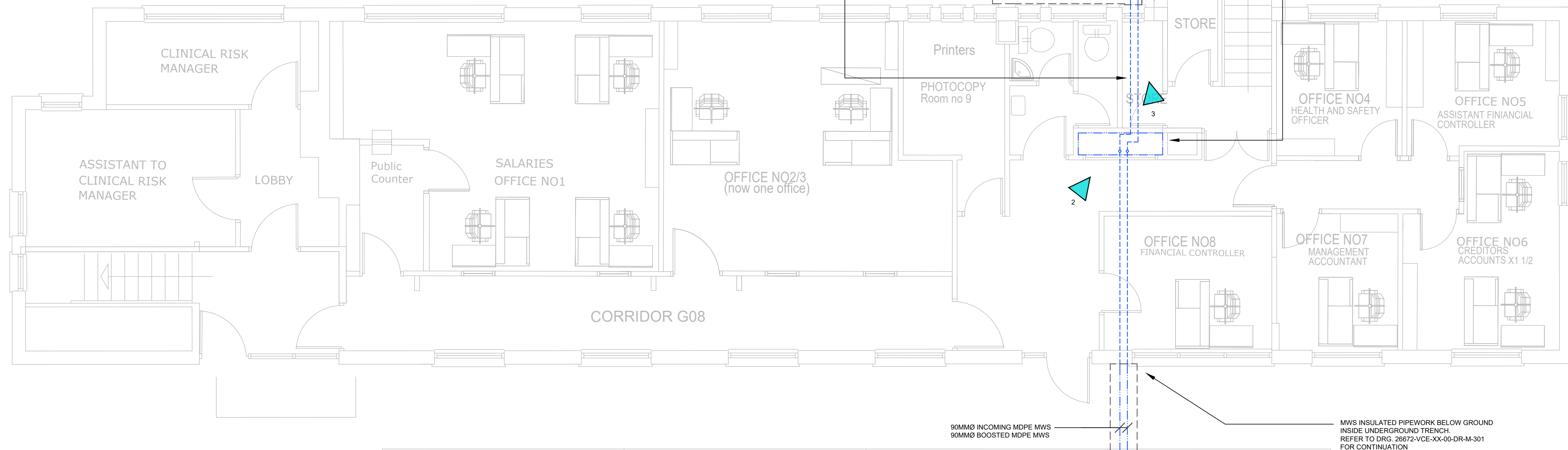
MAINS WATER TANK INFILL AND RETURN CONNECT TO NEW PACKAGED PLANTROOM. REFER TO DETAIL 2 AND 3 FOR MORE INFORMATION

MWS TANK INFILL AND RETURN PIPES AT L.L. INSIDE STORE ROOM

NEW PREFABRICATED PACKAGED PLANTROOM MOUNTED ON A CONCRETE PLINTH TO BE SUPPLIED AND INSTALLED BY THE MECHANICAL CONTRACTOR IN ACCORDANCE WITH THE MECHANICAL SPECIFICATION.

MWS TANK INFILL AND RETURN INSIDE UNDERGROUND TRENCH TO CONNECT TO NEW MAINS WATER BREAK TANK

MECHANICAL RISER WHERE TRENCH TERMINATES

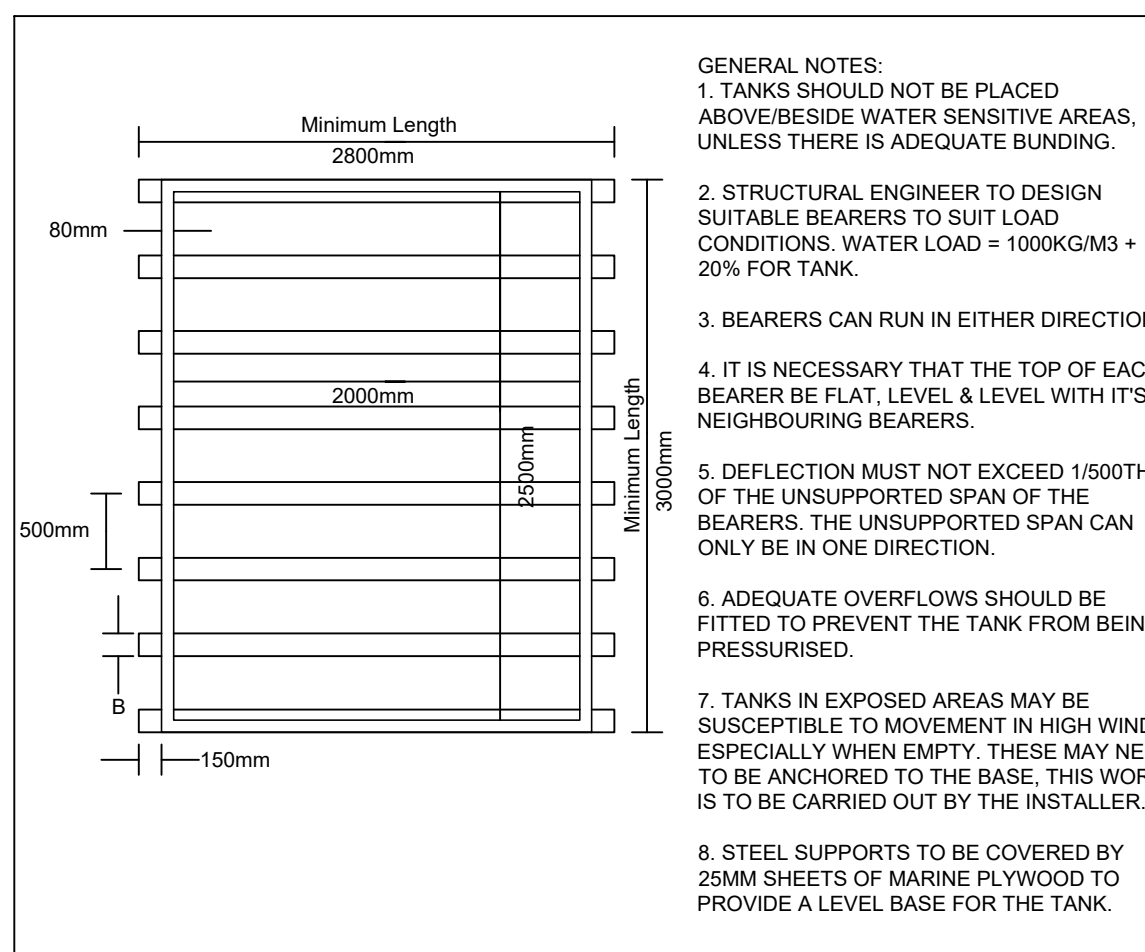


NOTES:

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS & CONTRACT DOCUMENTS.
- THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CO-ORDINATION OF THE MECHANICAL SERVICES FOR THE BUILDING IN CONJUNCTION WITH THE MAIN CONTRACTOR'S AND ELECTRICAL CONTRACTOR'S INSTALLATION.
- THE MECHANICAL CONTRACTOR SHALL ENSURE THAT THE INSTALLATION COMPLIES WITH LOCAL AUTHORITY CODES AND ALL OTHER RELEVANT STANDARDS.
- THE MECHANICAL CONTRACTOR SHALL ALLOW FOR ALL NECESSARY ACCESS HATCHES, ISOLATION VALVES, DRAIN COCKS, AAVs, CLEANING EYES ETC FOR MAINTENANCE OF THE MECHANICAL SERVICES INSTALLATION.
- THE CONTRACTOR SHALL ALLOW FOR THE CLEANING & FLUSHING OUT OF ALL EQUIPMENT, DUCTWORK & PIPEWORK ETC.
- ALL BUILDERS' WORK OPES TO BE COMMUNICATED TO THE MAIN BUILDING CONTRACTOR IN ADVANCE.
- THE CONTRACTOR SHALL ALLOW FOR SUPPLY & INSTALL OF FIRE COLLARS ON ALL PIPES PENETRATING FIRE RATED STRUCTURE IN COMPLIANCE WITH THE BUILDING REGULATIONS.
- THE MECHANICAL CONTRACTOR SHALL INFORM THE CLIENT & THE ENGINEER OF WORKS WHICH NEED TO TAKE PLACE OUTSIDE OF THESE AREAS.
- THE MECHANICAL CONTRACTOR WILL BE REQUIRED TO ENSURE SERVICES ARE KEPT LIVE AND OPERATIONAL WITHIN THE CLIENT OCCUPIED AREAS AT ALL TIMES.
- THE CONTRACTORS SHOULD VISIT THE SITE DURING THE TENDER PERIOD TO FAMILIARISE THEMSELVES WITH THE SERVICES AND THEREBY ALLOW IN THEIR TENDERS FOR ALL TEMPORARY WORKS NECESSARY TO KEEP THE BUILDING OPERATIONAL DURING THE CONSTRUCTION.
- THE CONTRACTOR SHALL ALLOW FOR THE ISOLATION, DRAIN DOWN AND STRIP OUT OF ANY REDUNDANT MECHANICAL SERVICES.
- CARE SHALL BE TAKEN TO ENSURE THAT ALL VALVE LOCATIONS ARE READILY ACCESSIBLE.
- ALL ABOVE GROUND WATER SERVICES PIPEWORK TO BE INSULATED COPPER AS PER SPECIFICATION.
- THE MECHANICAL CONTRACTOR SHALL ALLOW FOR ALL EXPOSED WATER SERVICES PIPEWORK THROUGHOUT THE BUILDING TO BE CHROME PLATED.
- AUTOMATIC AIR VENTS TO BE FITTED AT HIGH POINTS OF THE PIPEWORK.
- ALL FINAL CONNECTIONS SHALL BE HARD PIPED. FLEXIBLE CONNECTIONS SHALL NOT BE USED UNDER ANY CIRCUMSTANCE.

LEGEND:

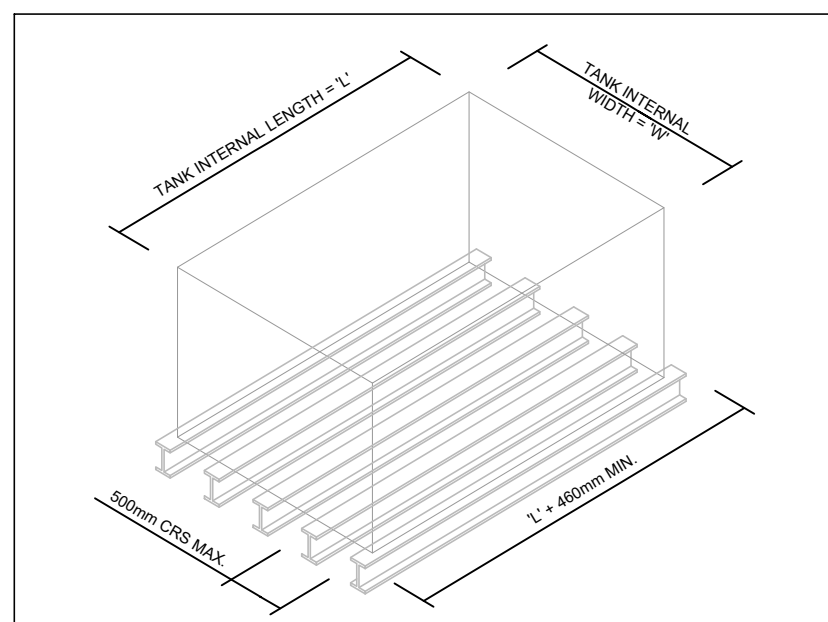
- LOW LEVEL WS PIPEWORK (EXISTING)
- LOW LEVEL WS PIPEWORK (NEW)
- MWS MAINS WATER SUPPLY
- T.A. TO ABOVE
- F.A. FROM ABOVE
- F.B. FROM BELOW
- T.B. TO BELOW
- H.L. HIGH LEVEL
- L.L. LOW LEVEL



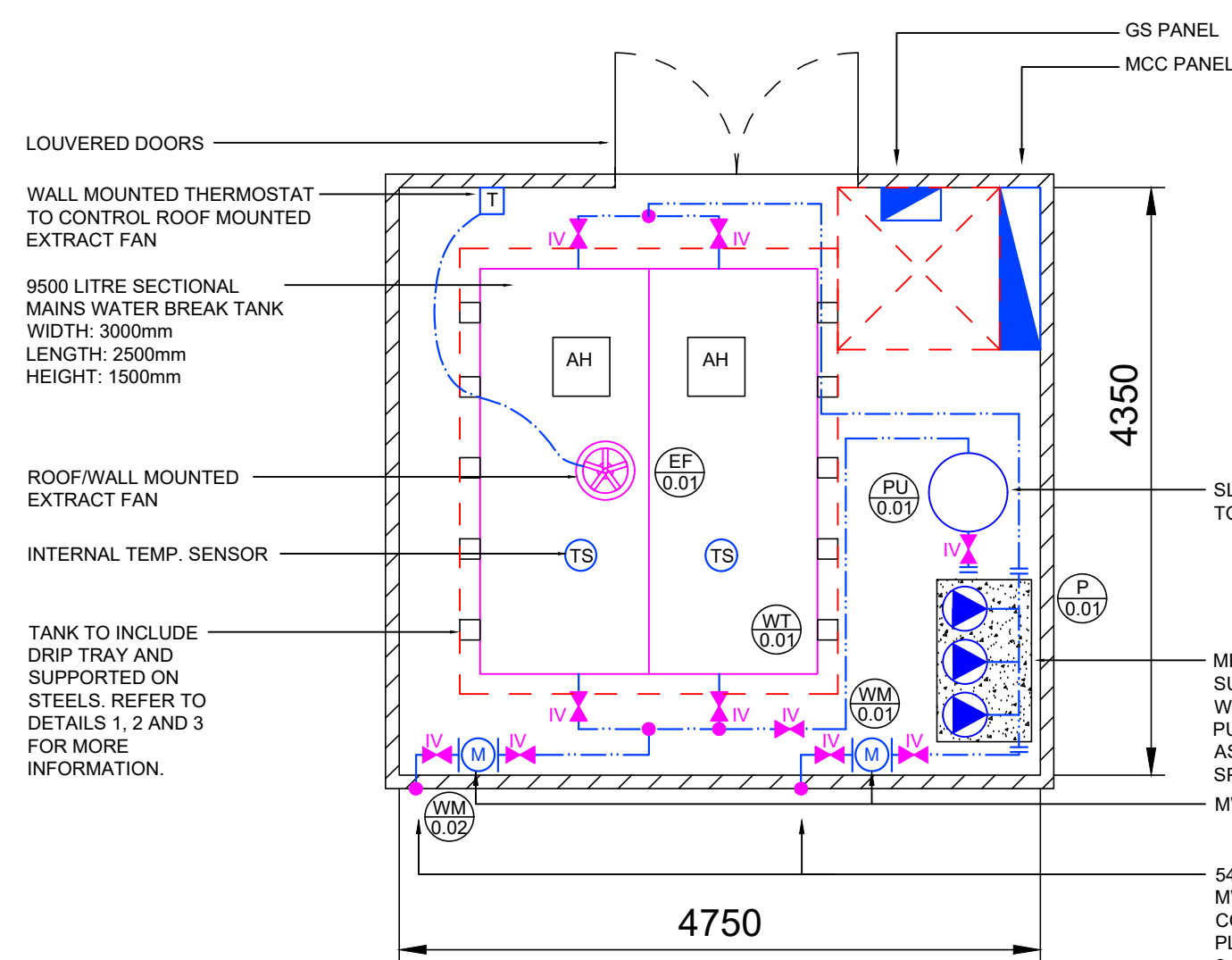
DETAIL NO. 1
MAINS WATER BREAK TANK SUPPORT STEELS DETAILS

Working Space & Bearer Width		
Tank Height	Dimension 'A'	Bearer Width 'B'
mm	mm	mm
500	450	75
1000	450	100
1500	500	100
2000	600	150
2500	650	150
3000	700	150

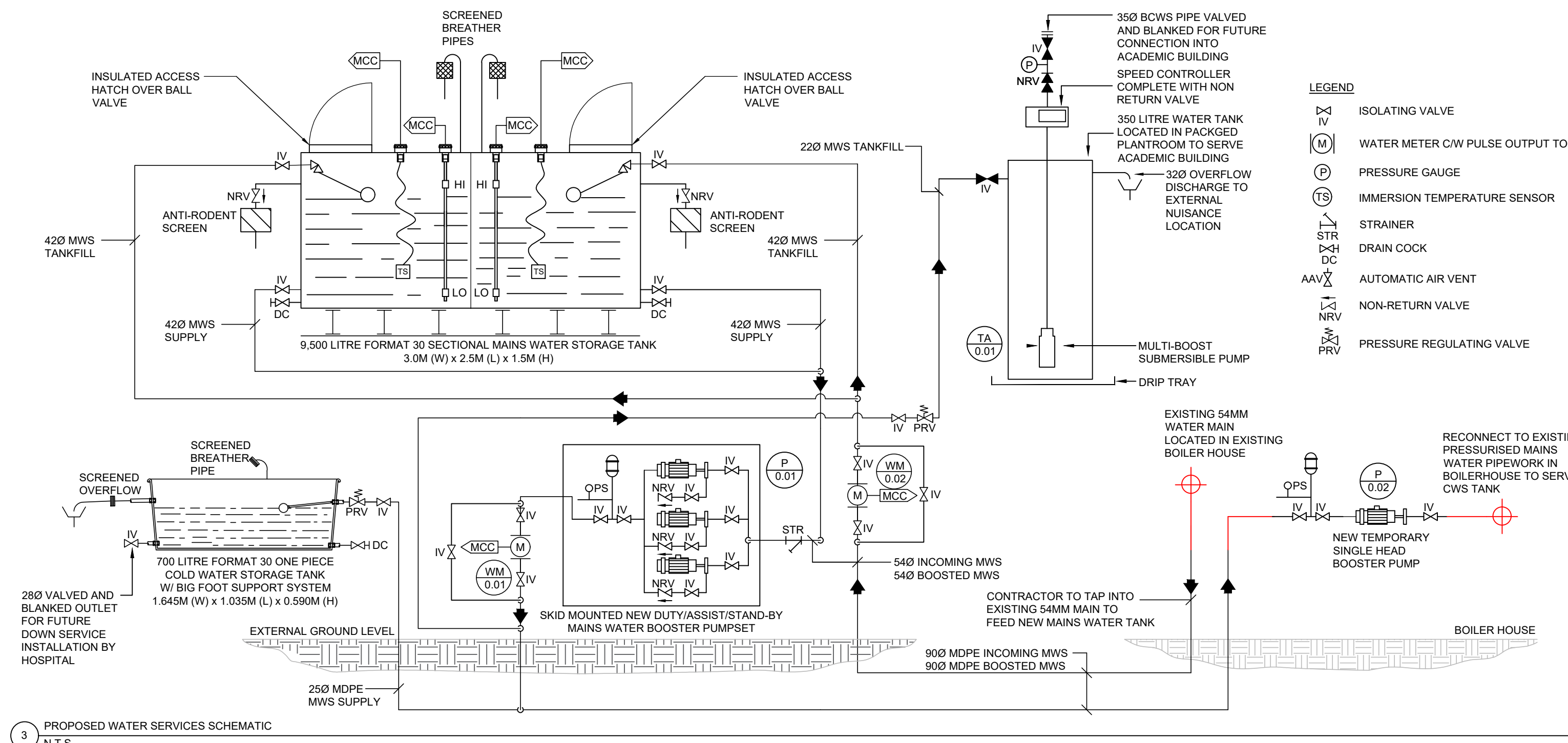
DETAIL NO. 2
MAINS WATER BREAK TANK SUPPORT STEELS DIMENSIONS



DETAIL NO. 3
MAINS WATER TANK SUPPORT STEELS MIN. DIMENSIONS



DETAIL NO. 1 - PACKAGED PLANTROOM
1:50 (A1)



PROPOSED WATER SERVICES SCHEMATIC
N.T.S.

General Notes

A. DO NOT SCALE FROM THIS DRAWING - WORK ONLY FROM FIGURED DIMENSIONS.

B. ALL ERRORS & OMISSIONS TO BE REPORTED TO THE CONSULTING ENGINEER

C. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ARCHITECTS AND STRUCTURAL ENGINEER'S DRAWINGS.

D. REFER TO DOCUMENT REGISTER FOR DESCRIPTION OF STATUS CODES.

Rev	Status	Date	Description	D.E.
P02	A4	AUG'26	TENDER ISSUE	J.R.
P01	A4	MAY'26	TENDER ISSUE	J.R.

Client
THE COOMBE WOMEN & INFANTS UNIVERSITY HOSPITAL

Project Title
COOMBE HOSPITAL WATER TANK UPGRADE

Drawing Title
PROPOSED WATER SERVICES LAYOUT (SHEET 1 OF 2)

Dublin 01 4872300
Cork 021 2375080
Roscommon 090 6602380
Website www.varming.ie

Engineering for the Future

Varming
Consulting Engineers Ltd.

Revision	Project Drawing Reference		
P02	26672-VCE-XX-00-DR-M-300		
Status	Date	Job Number	Scale
A4	AUG'26	26672	1:50@A1
Drawn By	Checked By	Approved by	
J.R.	A.N.	A.N.	