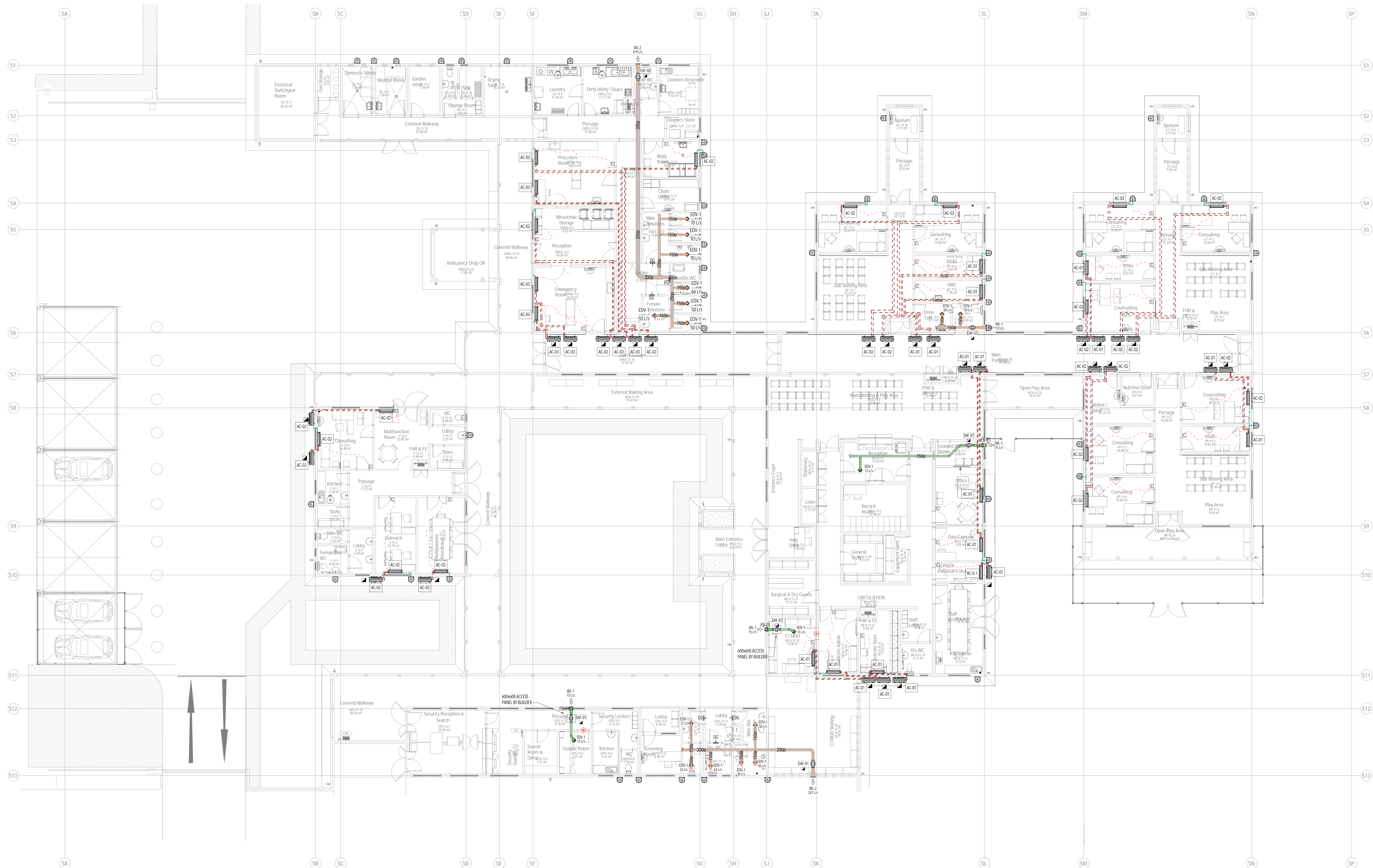


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GROUND FLOOR HVAC PLAN

1:100

HVAC LEGEND:

- AC OUTSIDE AIR
- AC EXTRACT AIR
- AC RETURN AIR
- AC SUPPLY AIR

SYMBOLS LEGEND:

- SINGLE PHASE ISOLATOR
- 3 PHASE ISOLATOR
- TRAPPED DRAIN POINT
- HARD WIRED CONTROLLER
- UNDERCUT DOOR

GENERAL NOTES:

- ALL DRAWINGS SHALL BE READ TOGETHER WITH THE SPECIFICATIONS.
- THE CONTRACTOR SHALL SUBMIT ALL EQUIPMENT SPECIFICATIONS FOR APPROVAL BEFORE ORDERING AND DELIVERY TO SITE.
- THE CONTRACTOR SHALL ONLY WORK WITH APPROVED WORKING DRAWINGS.
- NO OPENINGS SHALL BE MADE IN ANY STRUCTURAL BUILDER'S WORK WITHOUT THE APPROVAL OF THE ENGINEER.
- THE CONTRACTOR SHALL ENSURE THAT ALL SITE INSTALLATION WORK IS INSTALLED AS PROGRAMMED AND SHALL TIMEOUSLY ARRANGE INSPECTIONS BEFORE ANY WORK IS CLOSED IN (I.E CEILINGS).
- ALL BUILDER'S WORK IS THE RESPONSIBILITY OF THE HVAC CONTRACTOR.
- ALL ELECTRICAL REQUIREMENTS SHALL BE GIVEN TO THE ENGINEER TIMEOUSLY, WHO WILL ARRANGE SAME WITH THE ELECTRICAL ENGINEER.
- ALL EQUIPMENT SHALL BE INSTALLED TO ALLOW EASY ACCESS FOR MAINTENANCE AND REPAIRS.
- ANY DEVIATION FROM PROJECT SPECIFICATIONS AND DRAWINGS SHALL BE APPROVED BY THE ENGINEER BEFORE IMPLEMENTED BY THE CONTRACTOR.

DUCTWORK NOTES:

- ALL DUCT WORK TO BE MANUFACTURED TO S.A.B.S 1228/79 STANDARDS, WITH FLANGED JOINTS ON DUCTS EXCEEDING 600 SEMI EXCEEDS 750 AND S&D JOINTS ON SMALLER DUCTS.
- ALL DUCTING TO BE INTERNALLY INSULATED.
- ALL HANGERS AND BRACKETS TO BE GALVANISED.
- ALL DUCTWORK TO BE RUNG ON 30x50x1.6 G.S.M CHANNEL TRAPEZE HANGERS WITH 80 RODS.
- FLEXIBLE CONNECTIONS TO BE FITTED TO ALL DUCTING BETWEEN AIR HANDLING AND PACKAGES UNITS, FANS, ETC.

CONTRACTOR NOTES:

- THE CONTRACTOR SHALL DO HIS OWN COMMISSIONING AND TESTING BEFORE CALLING THE ENGINEER TO SITE FOR TESTING/HANDOVER/PRACTICAL COMPLETION.
- A DETAILED COMMISSIONING/TESTING REPORT SHALL BE SUBMITTED TO THE ENGINEER BEFORE THE SITE INSPECTION FOR HANDOVER/PRACTICAL COMPLETION.
- THE CONTRACTOR SHALL ADVISE THE BUILDER AND ALLOW IN HIS PROGRAMME TO COMPLETE ALL COMMISSIONING AND TESTING ACTIVITIES, INCLUDING THE INSPECTION BY THE ENGINEER BEFORE PRACTICAL COMPLETION/HANDOVER OF THE INSTALLATION.
- THE CONTRACTOR SHALL SUBMIT "AS BUILT" DRAWINGS TO THE ENGINEER BEFORE THE PRACTICAL COMPLETION/HANDOVER INSPECTION.

REV	DATE	BY	DESCRIPTION
F	2024-08-14	S.M.	ISSUED FOR TENDER
E	2024-07-08	S.M.	HVAC STAGE 4
D	2024-05-24	S.M.	REVISED TO LATEST ARCHITECTURAL LAYOUT
C	2024-04-16	S.M.	REVISED HVAC SUBMISSION
B	2024-03-28	S.M.	REVISED HVAC SUBMISSION
A	2023-11-16	S.M.	HVAC SUBMISSION

If drawing status = construction, a signed copy of this drawing (either in hardcopy or electronic format) is available at the office of origin and at the office of issue.

DRAWING STATUS:

TENDER



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MEMBER ORGANISATION

CLIENT:

DEPARTMENT OF HEALTH

ARCHITECT:

INCLINE ARCHITECTS

PROJECT:

THULASIZWE CLINIC

TITLE:

GROUND FLOOR HEATING, VENTILATION  
AIR-CONDITIONING PLAN

SCALE: @ A0:	CHECKED: R.G.	APPROVED: N.K.
DESIGN: S.M.	DRAWN: S.M.	DATE: 2024-08-14
PROJECT No: D0741	DRAWING No: D0741-AC-01	Rev: F

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