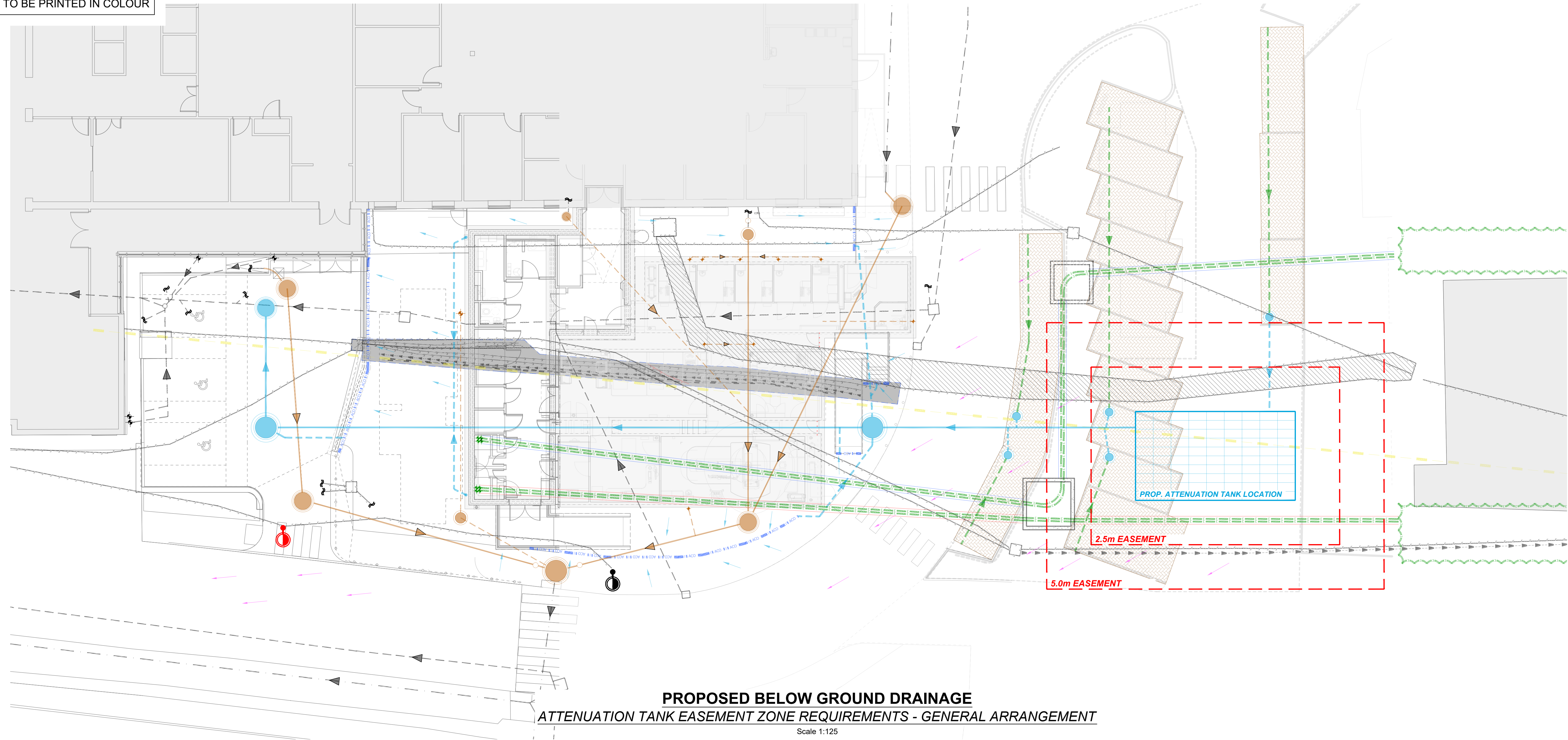




**PROPOSED BELOW GROUND DRAINAGE
ATTENUATION TANK EASEMENT ZONE REQUIREMENTS - GENERAL ARRANGEMENT**
Scale 1:125

POTENTIAL DESIGN HAZARDS:

REFER TO CCS CONSULTING DESIGNERS RISK ASSESSMENT FOR FULL TABLE OF HAZARDS & WARNINGS.



- FULL GPR (UTILITIES) SURVEY TO BE UNDERTAKEN TO DETERMINE THE EXISTING BELOW GROUND SERVICES / CLASHES WITH THE PROPOSED WORKS (FOUNDATIONS). MANHOLES ARE CURRENTLY PRESENT UNDER THE PROPOSED SCHEME - AS SUCH, DIVERSION WORKS MAY BE REQUIRED. PRIOR TO THE COMMENCEMENT OF WORKS ON SITE, CAT SCAN ALL EXCAVATIONS AND PROVIDE OPERATIVES WITH ALL RECORDED STATS INFORMATION. ALL SERVICES INFORMATION TO BE VERIFIED BY THE CONTRACTOR AND IDENTIFIED ON SITE PRIOR TO COMMENCEMENT OF WORKS. BELOW GROUND DRAINAGE DESIGN / EXTERNAL WORKS SUBJECT TO CHANGE FOLLOW RECEIPT OF PROPOSALS. ADDITIONAL COST IMPLICATIONS AND REDESIGN TIMESCALES TO BE CONSIDERED FOLLOWING CONFIRMATION OF THE PROPOSED REROUTING WORKS.
- FOUNDATION EXCAVATION SIDES MAY REQUIRE TEMPORARY SUPPORT TO PREVENT INSTABILITY OR BACK SLOPING BY 45° MAXIMUM GRADIENT. CONTRACTOR TO PROVIDE A METHOD STATEMENT FOR TEMPORARY GROUND STABILITY WORKS.
- LOCATION ISSUES WITH A CONGESTED SITE / AREA. CAREFUL COORDINATION WILL BE REQUIRED TO ENSURE AN ACHIEVABLE DELIVERY / INSTALLATION METHODOLOGY. CBR CHECKS TO BE UNDERTAKEN TO ALL PROPOSED CRANE OUTRIGGER LOCATIONS. OVERSIZED SPREADERS MAY BE REQUIRED TO BRING APPLIED BEARING PRESSURES WITHIN ALLOWABLE LIMITS TBC.
- ALL PROPOSED DRAINAGE LOCATIONS/ REQUIREMENTS FOR LINK CORRIDOR AND MODULES (RWP & SVPs) TO BE CONFIRMED BY SPECIALIST MODULAR SUPPLIERS.
- INDICATIVE POSITION OF PROPOSED PCC CABLE TURNING PIT/ PCC CABLE DUCTWORK/ TROUGHS. SHOWN AS 2000x2000 CLEAR INTERNAL SPACE REQUIRED (MIN.). ALL SET-OUT SIZES/ LOCATIONS/ DEPTHS TO BE CONFIRMED BY MEP CONSULTANT.

LEGEND

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|--|--|--|---|
| | DENOTES EXISTING COMBINED DRAIN | | DENOTES PROPOSED RWP LOCATION AS PROVIDED BY ARCHITECT (SHOWN INDICATIVELY - FINAL LOCATIONS AS PER ARCHITECTS SET OUT) |
| | DENOTES EXISTING FOUL WATER DRAIN | | DENOTES EXISTING BELOW GROUND LV CABLE/ DUCTING |
| | DENOTES EXISTING SURFACE WATER DRAIN | | DENOTES EXISTING BELOW GROUND GAS MAIN ROUTES - ASSUMED TBC ON SITE. |
| | DENOTES EXTENT OF EXISTING SURVEYED DRAINAGE RUN. END OF TRACE/ SURVEY ABANDONED DUE TO OBSTRUCTION. REFER TO CCTV SURVEY. | | DENOTES EXISTING LIGHTING COLUMN AS RECEIVED TOPOGRAPHICAL INFORMATION. |
| | DENOTES REDUNDANT DRAIN - TO BE REMOVED/ CAPPED - USAGE AS PER EXISTING LINE TYPES | | DENOTES EXISTING LIGHTING COLUMN TO BE REMOVED/ RELOCATED. FINAL DETAILS TO BE CONFIRMED BY M&E CONSULTANT. |
| | DENOTES PROPOSED COMBINED DRAIN | | DENOTES MANHOLE LOCATION |
| | DENOTES PROPOSED PRIMARY FOUL WATER DRAIN | | DENOTES INSPECTION CHAMBER LOCATION |
| | DENOTES PROPOSED SECONDARY FOUL WATER DRAIN - ALL RUNS TO BE 1000 U.N.O. | | DENOTES FOUL WATER GULLY LOCATION |
| | DENOTES PROPOSED SURFACE WATER DRAIN | | DENOTES SOIL VENT PIPE LOCATION |
| | DENOTES PROPOSED SECONDARY SURFACE WATER DRAIN - ALL RUNS TO BE 1000 U.N.O. | | DENOTES STUB STACK LOCATION |
| | DENOTES PROPOSED CHANNEL/ SLOT DRAIN | | DENOTES GULLY |
| | DENOTES PROPOSED 1500 PERFORATED PIPE | | DENOTES RODDING EYE LOCATION |
| | DENOTES PROPOSED PERMEABLE PAVING LOCATION. REFER TO PERMEABLE PAVING NOTE. | | DENOTES BACK INLET GULLY |
| | DENOTES EXCEEDANCE FLOW ROUTES | | DENOTES BACK DROP LOCATION |
| | DENOTES EXISTING RWP/ SVP - AS NOTED (SHOWN INDICATIVELY - FINAL LOCATIONS TBC ON SITE) | | DENOTES LIGHTING COLUMN LOCATION |
| | DENOTES PROPOSED FW GROUND FLOOR PENETRATION (SHOWN INDICATIVELY - FINAL LOCATIONS AS PER ARCHITECTS SET OUT) | | DENOTES PROPOSED LV M&E CABLE/ DUCTING - DETAILS AS PER M&E CONTRACTORS SPECIFICATION. |
| | | | DENOTES EXISTING FUEL PIPE IDENTIFIED ON SITE. LOCATION BASED OFF RECEIVED SITE SURVEY. |

NETWORK EXCEEDANCE EVENT NOTE

IN THE EVENT OF AN EXTREME STORM EVENT (GREATER THAN 100-YEAR + 45% CLIMATE CHANGE), POTENTIAL FLOODING OF THE DRAINAGE NETWORK COULD OCCUR. SURFACE WATER FLOW PATHS WILL FOLLOW EXISTING AND PROPOSED GROUND TOPOGRAPHY, WHERE WATER WILL FLOW IN A NORTHERLY DIRECTION AND INTO THE EXISTING ACCESS ROAD.

FLOOD WATER WILL FLOW AWAY FROM THE NEW TLHC BUILDING AND WILL NOT FLOW DIRECTLY TOWARDS EXISTING BUILDINGS PRIOR TO DISCHARGE ONTO THE ROAD. THERE ARE NO BELOW GROUND ATTENUATION VOLUMES IN THE EXISTING EXTERNAL AREAS, AND THEREFORE, THE VOLUME OF WATER AT SURFACE WILL ALWAYS BE 44.46M³ (TOTAL PROPOSED ATTENUATION) LESS IN A POST DEVELOPMENT SCENARIO. THEREFORE, THERE WILL ALWAYS BE A REDUCED RISK OF FLOODING TO THE EXISTING BUILDINGS / LAND NEAR THE SITE.

notes :

- IF THIS DRAWING HAS BEEN RECEIVED ELECTRONICALLY IT IS THE RECIPIENTS RESPONSIBILITY TO PRINT THE DOCUMENT TO THE CORRECT SCALE
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE. IT IS RECOMMENDED THAT INFORMATION IS NOT SCALED OFF THIS DRAWING
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS
- ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
- REFER TO FOLLOWING CCS CONSULTING DRAWINGS FOR FURTHER PLANS AND DETAILS:
 - HE031-CCS-ZZ-DR-S-0001-GENERAL NOTES
 - HE031-CCS-XX-DR-S-0100-EXTERNAL WORKS PLAN
 - HE031-CCS-XX-DR-S-0101-EXTERNAL WORKS TYPICAL DETAILS
 - HE031-CCS-XX-DR-S-0201-BGD TYPICAL DETAILS (SHEET 01)
 - HE031-CCS-XX-DR-S-0202-EXISTING BELOW GROUND SERVICES PLAN
 - HE031-CCS-XX-DR-S-0203-BGD TYPICAL DETAILS (SHEET 02)
 - HE031-CCS-XX-DR-S-0300-FOUNDATION PLAN
 - HE031-CCS-XX-DR-S-0400-CORRIDOR SUPERSTRUCTURE PLAN
 - HE031-CCS-XX-DR-S-0800-TYPICAL SECTIONS & DETAILS



SKETCH ISSUE		29.10.25	JF	JPF
REV.	DESCRIPTION	DATE	DRW.	CHK.



APPOINTED PARTY LOGO/INFORMATION



PROJECT
WYTHENSHAW HOSPITAL - TARGETED LUNG HEALTH CHECK (TLHC)

TITLE
PROPOSED BELOW GROUND DRAINAGE - EASEMENT PLAN

STATUS	PURPOSE OF ISSUE
WIP	FOR COMMENTS

DRAWN BY	CHECKED BY	DATE
JF	JPF	OCT. '25

SCALE (@A1)	PROJECT NUMBER
AS SHOWN	HE-031

FILE DRAWING NUMBER	REV.
HE031 - CCS - WIP - XX - DR - S - SK005	-