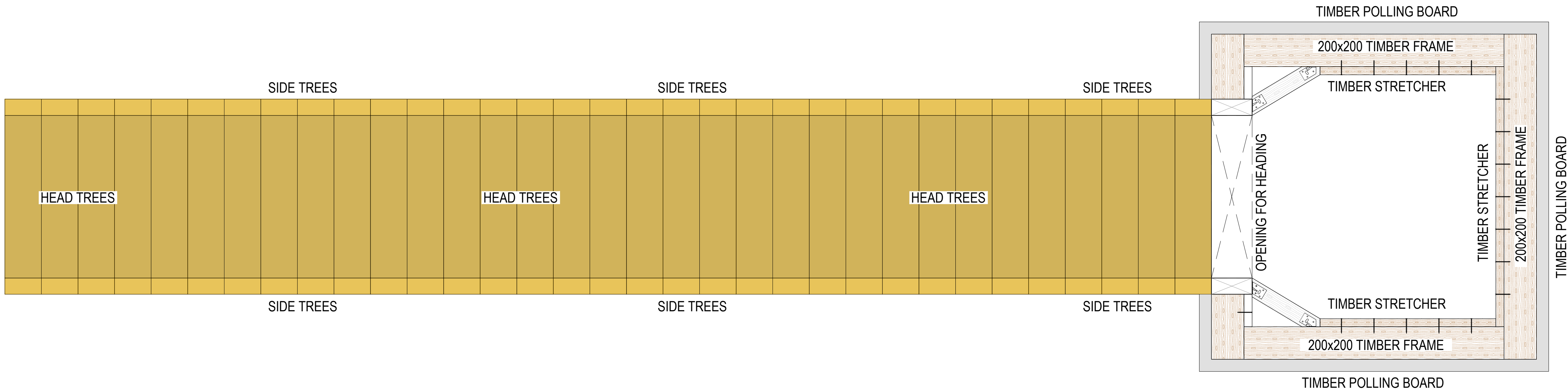
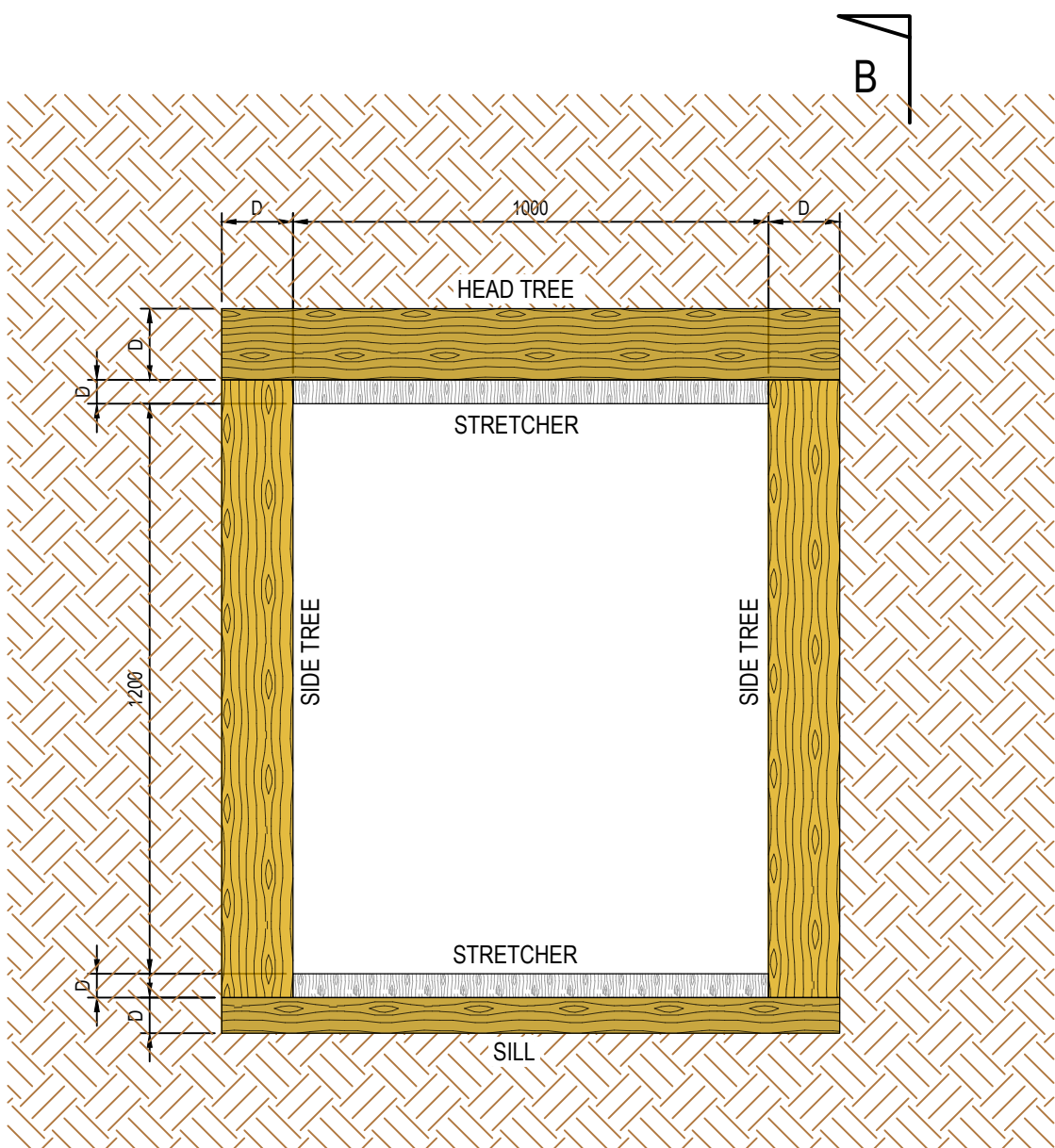


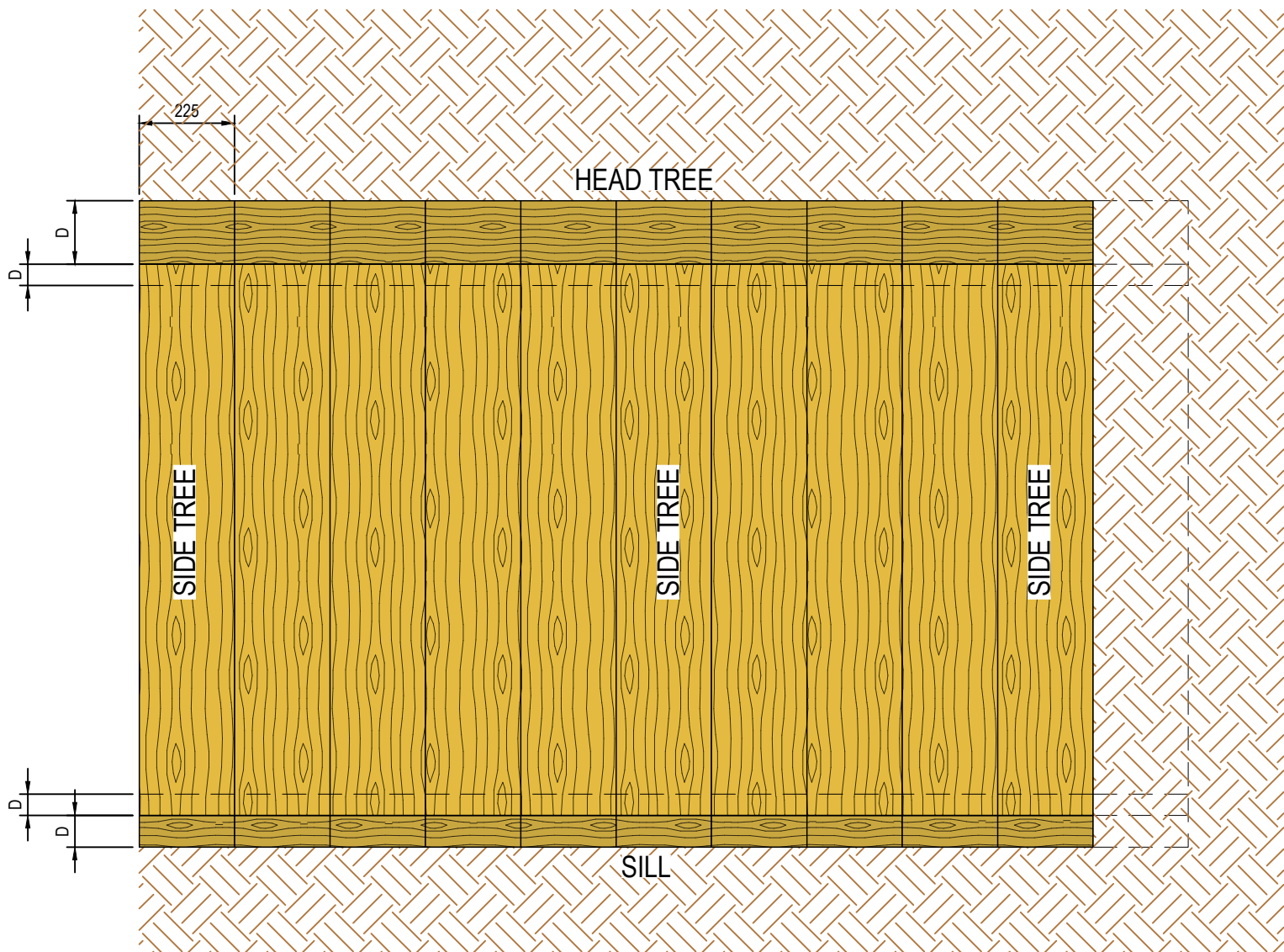


CLOSE BOARDED HEADING : PLAN VIEW
[SCALE 1:20]

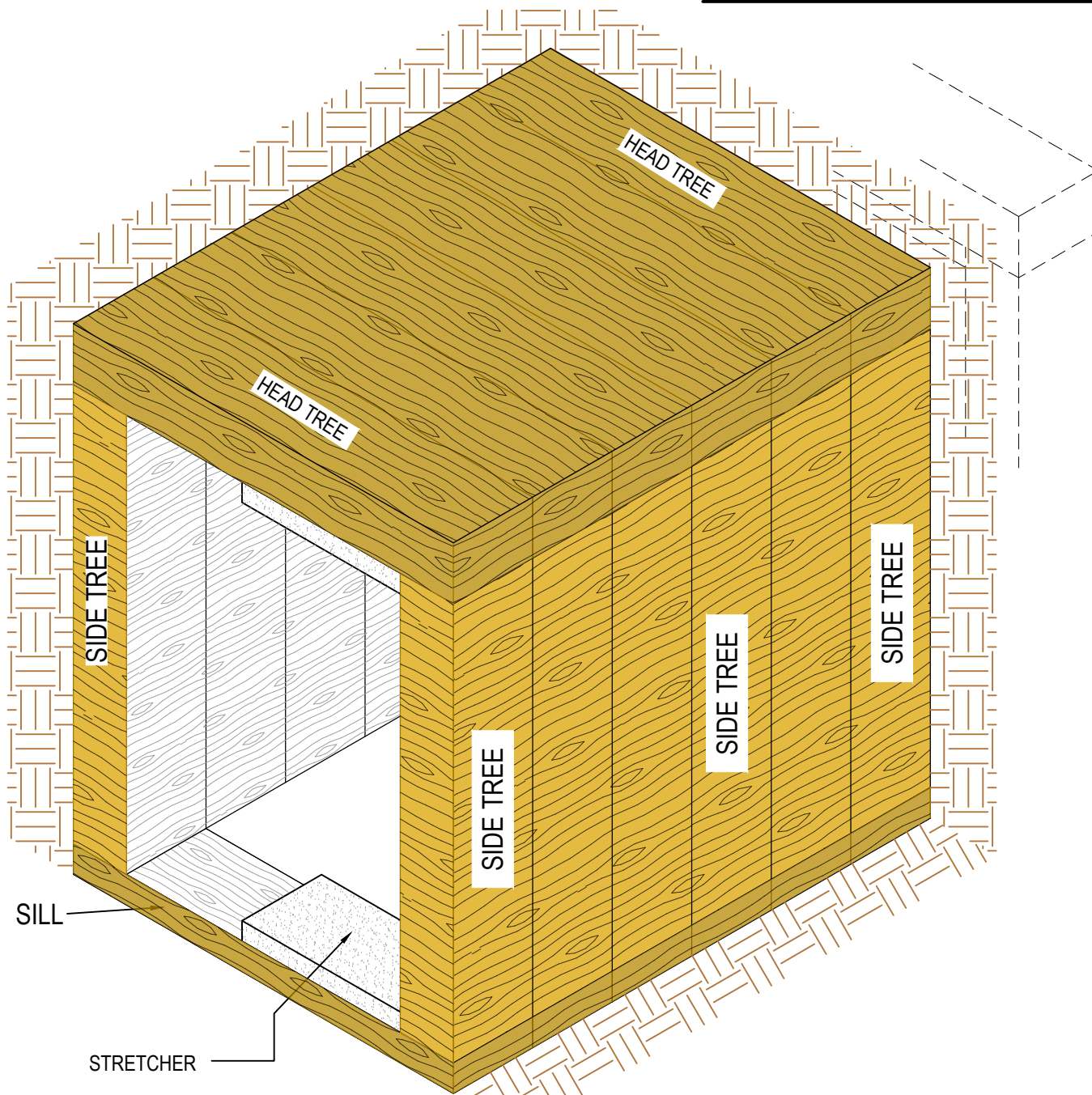
**SHAFT PLAN VIEW AT LOWER LEVEL :
TIMBER CLOSE BOARDED SHAFT**



SECTION : A-A
[SCALE : 1:15]



SECTION : B-B
[SCALE : 1:15]



**TYPICAL CLOSE BOARDED HEADING
3D IDEALISED DIAGRAM**

THIS DRAWING TO BE READ IN CONJUNCTION WITH THE D1
STRUCTURAL CALCULATION AND DRAWING NO. 1001,1002 & 1003

- IT IS ASSUMED THAT
- NO GROUND WATER
 - NO SCAFFOLDING LOAD
 - NO OTHER LOAD EXCEPT AS MENTIONED

ALL LEVELS SHOWN ARE APPROX. TBC ON SITE

SHAFT LOADING

- SURCHARGE **20.0 kN/m²**

SINGLE STOREY FOUNDATION LOADING

SURCHARGE ON FOOTING 131.0 KN/M²

SOIL TAKEN AS

Ka=0.700 $\gamma = 18.80\text{KN/m}^3$

**CLOSED BOARDED HEADING
ALL TIMBER MEMBERS**

	WIDTH,w (mm)	DEPTH,d (mm)
SIDE TREES	225	150
HEADTREES	225	150
STRETCHERS	225	75
SILLS	225	75
CHOGS	75	75

GENERAL NOTES

1. ALL DIMENSIONS AND LEVELS ARE TO BE DETERMINED AND OR CHECKED BY THE CONTRACTOR ON SITE. SHOULD ANY DISCREPANCY BE IDENTIFIED BETWEEN THE DIMENSIONS, AND OR DETAILS DETERMINED ON SITE, AND THOSE SHOWN THOSE SHOWN ON THE RELEVANT DRAWINGS, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY, AND HIS INSTRUCTIONS OBTAINED PRIOR TO THE COMMENCEMENT OF THE WORK.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF ALL TEMPORARY WORKS OTHER THAN THOSE DETAILED, AND THE SAFETY AND STABILITY OF THE NEW WORKS AND ADJACENT STRUCTURES DURING CONSTRUCTION.
3. WHERE A PRODUCT IS SPECIFIED TO BE OBTAINED FROM A MANUFACTURER OR SUPPLIER, THE CONTRACTOR SHALL INSTALL THE PRODUCT IN ACCORDANCE WITH THE INSTRUCTIONS SUPPLIED BY THE MANUFACTURER. SHOULD THERE BE ANY VARIATION BETWEEN THE BETWEEN WORK SPECIFIED ON THE DRAWINGS AND THE MANUFACTURER'S INSTRUCTIONS, THE CONTRACTOR SHALL REFER THE MATTER TO THE ARCHITECT FOR INSTRUCTION BEFORE PROCEEDING.
4. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.
5. DRAWINGS ARE NOT TO BE SCALED.

GROUND MOVEMENT

TEMPORARY WORKS FOR THE SHORING OF EXCAVATIONS WILL ALWAYS RESULT IN SOME GROUND MOVEMENTS (BOTH LATERAL AND SETTLEMENT) BEHIND THE SHORING. THE CLIENT SHOULD ASSESS THE EFFECTS OF THESE DEFLECTIONS ON THE SURROUNDING INFRASTRUCTURE. MWP ACCEPTS NO RESPONSIBILITY FOR THE CONSEQUENCE OF ANY SUCH GROUND MOVEMENTS. SHOULD EXCESSIVE MOVEMENTS OF THE EXCAVATION OCCUR THE CLIENT SHOULD SEEK ADVICE FROM MWP.

INSTALLATION

IT IS CLIENT'S RESPONSIBILITY TO DEVELOP A SAFE SYSTEM IF WORK FOR THE INSTALLATION AND USE OF THE EQUIPMENTS. DESIGN IS STANDARD BASED UPON TYPICAL DESIGN. ANY SITE-SPECIFIC HAZARDS IDENTIFIED BY THE CLIENT SHOULD FORM THE BASIS OF THEIR RISK ASSESSMENTS AND SAFE SYSTEM OF WORK THAT IS NECESSARY FOR SAFE EXECUTION OF THE WORKS.

DEFLECTIONS

THE CLIENT MUST BE SATISFIED THAT ANTICIPATED DEFLECTIONS OUTLINED IN THE DESIGN ARE EXPECTABLE WITH REGARD TO ANY EXISTING STRUCTURE/ROADS/SERVICES IN THE VICINITY OF THE WORKS

GROUT:-

IF REQUIRED PUMP CEMENTITIOUS GROUT TO FILL VOIDS BEHIND THE SHEETS (FOR SHAFTS/BOARDS (FOR HEADING) TO PROVIDE STABILITY TO THE MADE GROUND/SAND/GRAVEL SOILS AS THE EXCAVATION PROGRESSES.

SITE SPECIFIC NOTES

- WATER LEVEL NOT KNOWN
- ENSURE ALL HOLES/SHAFTS ARE PROTECTED FROM RAIN.
- ALL DIMENSIONS, LEVELS ETC TO BE VERIFIED/CONFIRMED BY CONTRACTOR. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER.
- AVOID POSSIBLE RISK OF MOVEMENT TO EXISTING FOUNDATIONS BY KEEPING FRAMES TIGHT AGAINST THE OPENING WITH NO GAP, AND SHOULD NOT BE LEFT LOSE ANYTIME.
- CONTRACTOR TO TAKE SPECIAL CARE DURING EXCAVATION NOT TO DISTURB UNDERGROUND PIPES AND CABLES. EXTRA CARE TO BE TAKEN WHILE WORKING NEAR FOOTINGS.
- BACKFILL SHAFT USING LEAN MIX CONCRETE.
- THIS TO LIMIT ANY MOVEMENT OF THE EXISTING BUILDING.
- CONTRACTOR TO MONITOR THE MOVEMENTS IN THE WALLS NEAR THE SHAFT/HEADING BEFORE AND DURING THE WORKS.
- CONDITION SURVEY TO BE CARRIED OUT BEFORE AND AFTER TO MONITOR MOVEMENTS/CRACKS IF ANY
- LEAVE SITE CLEAN AND TIDY.

SURVEYS & INVESTIGATIONS

1. BEFORE COMMENCING WORK THE CONTRACTOR SHALL CARRY OUT AN EXTERNAL CONDITION SURVEY OF THE EXISTING BURIED STRUCTURES AND SERVICES INCLUDING RECORD PHOTOGRAPHS.
2. THE CONTRACTOR SHALL EXCAVATE THE GROUND IN SELECTED LOCATIONS TO ESTABLISH THE EXISTING BURIED STRUCTURES AND SERVICES.

TIMBER NOTES

1. ALL TIMBER SHALL STRENGTH CLASS SC 4/C24 U.N.O.
2. ALL STRUCTURAL TIMBER INCLUDING WEDGES IS TO BE TREATED BY PROTIM PREVAC IN ACCORDANCE WITH BS 5268: PART 5 HAZARD CATEGORY 'C' AND IN STRICT ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
3. TEMPORARY TIMBER WEDGES TO BE USED FOR ADJUSTMENT OF TIMBER STRUTS.

C01	31/01/24	ISSUED FOR CONSTRUCTION	MAK	M.R
REV	DATE	DESCRIPTION	BY	APP

PROJECT: **5 HOLLY MOUNT, NW3 6SG**

TITLE: **CLOSE HEADINGS ARRANGEMENT**

CLIENT: **J BROWNE CONSTRUCTION CO LTD**



DRAWN: MAK	CHECKED: S.A	APPROVED: M.R
PROJECT NUMBER: 24483	DATE: 31/01/24	SCALE @ A0: AS SHOWN
STATUS DESCRIPTION: FOR CONSTRUCTION		STATUS: A

DRAWING NUMBER: JBR - MWP - 00-XX-DR-C- 1004	REV: C01
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