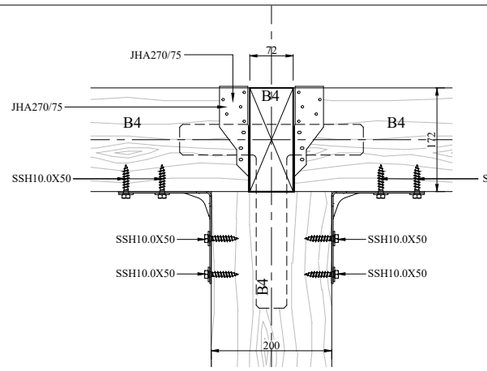
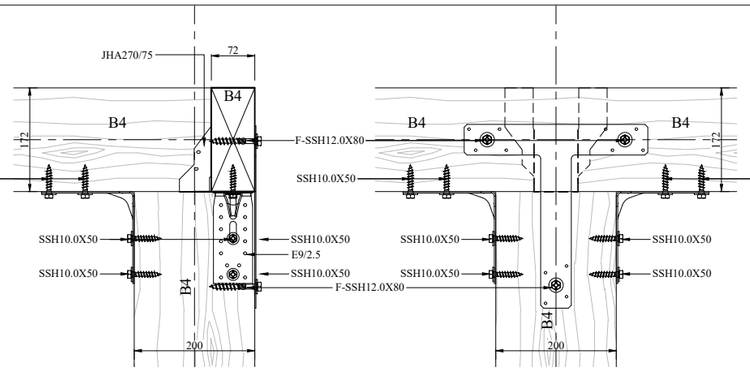


DETAIL 01
TYP. CONNECTION
1:5

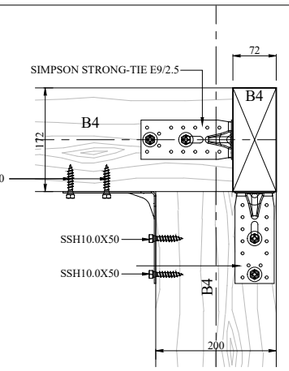


DETAIL 02
TYP. CONNECTION
1:5

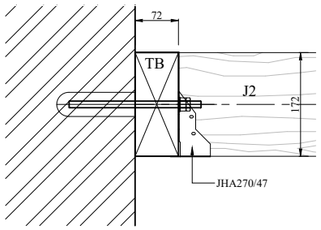


DETAIL 03
TYP. CONNECTION
1:5

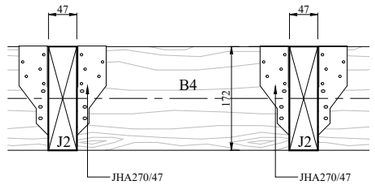
DETAIL 04
TYP. CONNECTION
1:5



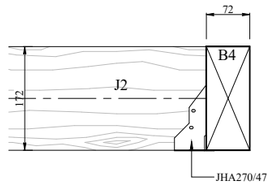
DETAIL 05
TYP. CONNECTION
1:5



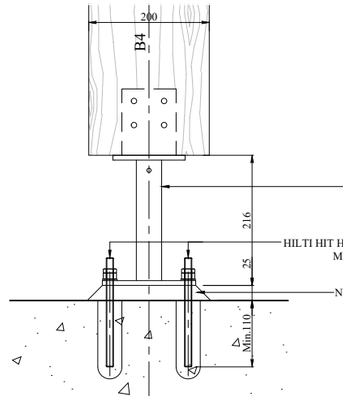
DETAIL 06
TYP. CONNECTION
1:5



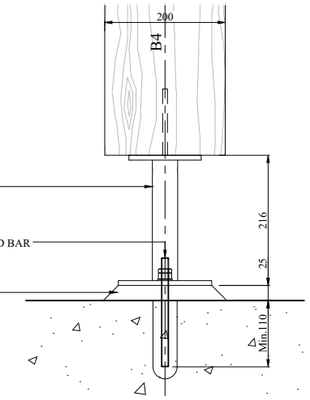
DETAIL 07
TYP. CONNECTION
1:5



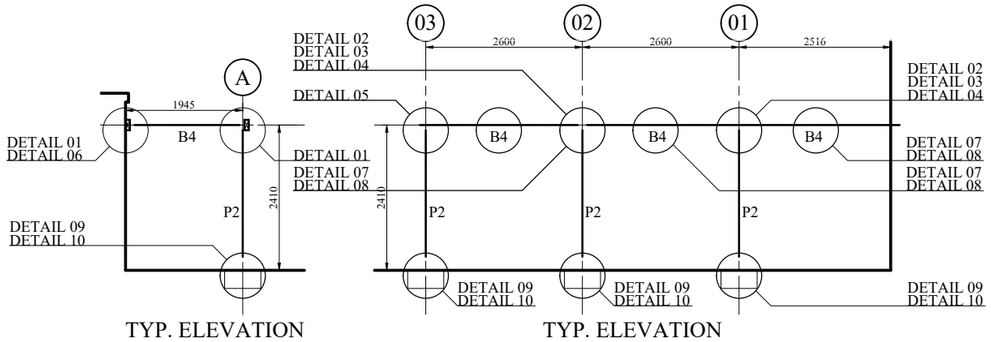
DETAIL 08
TYP. CONNECTION
1:5



DETAIL 09
TYP. CONNECTION
1:5

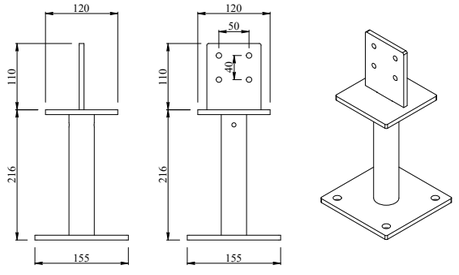


DETAIL 10
TYP. CONNECTION
1:5

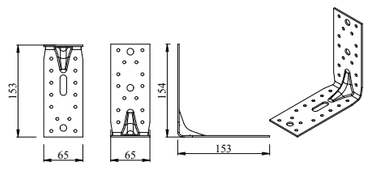


TYP. ELEVATION
(GRIDLINE 01 - 03)
1:50

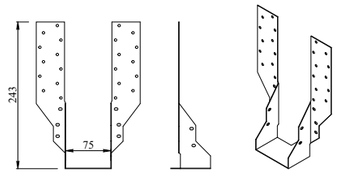
TYP. ELEVATION
(GRIDLINE A)
1:50



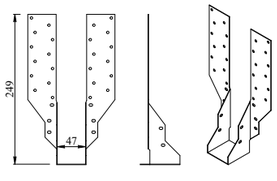
DETAIL 11
SIMPSON STRONG-TIE PBH120
1:5



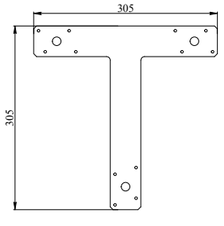
DETAIL 12
SIMPSON STRONG-TIE E9/2.5
1:5



DETAIL 13
SIMPSON STRONG-TIE JHA270/75
1:5



DETAIL 14
SIMPSON STRONG-TIE JHA270/47
1:5



DETAIL 15
SIMPSON STRONG-TIE C1212T
1:5

NOTES

DO NOT SCALE FROM THIS DRAWING IF IN DOUBT ASK

ALL LEVELS IN METRES UNLESS NOTED OTHERWISE ON DRAWING.

ALL DIMENSIONS IN MILLIMETERS UNLESS NOTED OTHERWISE ON DRAWING

ALL SETTING OUT, LEVELS & GENERAL BUILDERS DETAILS TO BE CONFIRMED BY OTHERS.

ALL TEMPORARY WORKS TO BE DESIGNED & DETAILED BY THE CONTRACTOR.

SHORING/PROPPING ARRANGEMENTS TO BE ADEQUATE TO SUPPORT ALL APPLIED LOADS AND CONSIDERATION GIVEN TO THE ADJACENT STRUCTURE IN THE TEMPORARY CONDITION.

MIN. 100mm END BEARINGS FOR STEEL AND TIMBER BEAMS, UNLESS OTHERWISE NOTED.

ALL FIRE PROTECTION TO NEW STRUCTURE TO BE SPECIFIED BY OTHERS.

ALL ROOFS TO BE STRAPPED TO EXTERNAL WALL PANELS IN ACCORDANCE WITH THE CURRENT BUILDING REGULATIONS & BRITISH STANDARDS.

ALL TIMBER TO TIMBER CONNECTIONS TO BE FORMED USING SUITABLE STEEL BRACKETS, CLIPS, HANGERS ETC, INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATION (BY SIMPSON STRONG-TIE, TEL. 01827 255600, OR EQUAL APPROVED), UNLESS NOTED OTHERWISE.

MULTIPLE TIMBERS FORMING PRINCIPAL SUPPORT BEAMS (E.G. TRIMMERS) TO BE BOLTED TOGETHER WITH M12 (GR8.8) BOLTS @ MAXIMUM 600mm ALONG THE SPAN UNLESS NOTED OTHERWISE.

PRINCIPAL STRUCTURAL TIMBERS TO HAVE TRADITIONAL HALVING JOINTS ABOVE INTERNAL SUPPORTS UNLESS NOTED OTHERWISE.

ALL DRAINAGE, INSULATION, TANKING (WATERPROOFING) & SERVICE DUCT DETAILS TO BE CONFIRMED BY OTHERS.

KEY

J2 47 x 147 C24 JOISTS @ 600

TB2 72 x 172 C24, HILTI HIT HY 270 + M12 THREADED BAR @ 600crs. Min. 110 EMBEDMENT

B4 72 x 172 C24 BEAM

P2 200 x 200 C24 POST

JHA270/75 SIMPSON STRONG-TIE JOIST HANGER

JHA270/47 SIMPSON STRONG-TIE JOIST HANGER

E9/2.5 SIMPSON STRONG-TIE H/D BRACKET

PBH120 SIMPSON STRONG-TIE STAND OFF POST BASE

C1212T SIMPSON STRONG-TIE T STRAP

SSH10.0X50 SIMPSON STRONG-TIE HEX HEAD SCREW

CHAR. YIELD MOMENT (MY,K)	38.7Nm
CHAR. WITHDRAWAL (FAX,K,90°)	12.1N/mm²
CHAR. HEAD PULL-THROUGH (FHEAD,K)	19.3N/mm²
CHAR. TENSILE CAPACITY (FTENS,K)	32.8KN
CHAR. TORSIONAL STRENGTH (FTOR,K	43KN
TORSONIAL RATIO	≥ 1,5

F-SSH12.0X80 SIMPSON STRONG-TIE HEX HEAD SCREW

CHAR. YIELD MOMENT (MY,K)	52.3Nm
CHAR. WITHDRAWAL (FAX,K,90°)	12.2N/mm²
CHAR. HEAD PULL-THROUGH (FHEAD,K)	18.8N/mm²
CHAR. TENSILE CAPACITY (FTENS,K)	40.4KN
CHAR. TORSIONAL STRENGTH (FTOR,K	62.4KN
TORSONIAL RATIO	≥ 1,5

NOT FOR CONSTRUCTION

SUITABILITY	REV	DATE	DESCRIPTION	Org	Chk'd	Appr'd	Auth
S2	P01	10.10.24	FIRST ISSUE				

PROJECT TITLE:
THE MINER'S RESCUE STATION

DRAWING TITLE:
TYP. TIMBER FRAME ELEVATIONS & CONNECTION DETAILS

DRAWING REF:
5078-BRP-XX-XX-DR-C-0020

ORIGINATOR:	DATE:	SCALE @ A1:	SUITABILITY:	REVISION:
D.P.	10.10.24	1:5	S2	P01

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