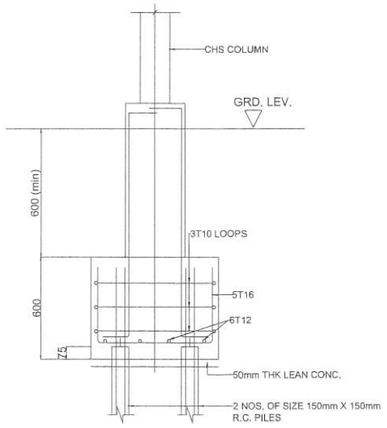
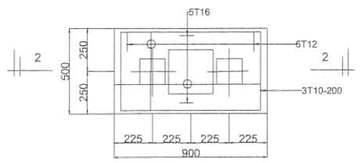
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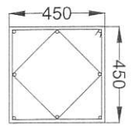


SECT. 2-2



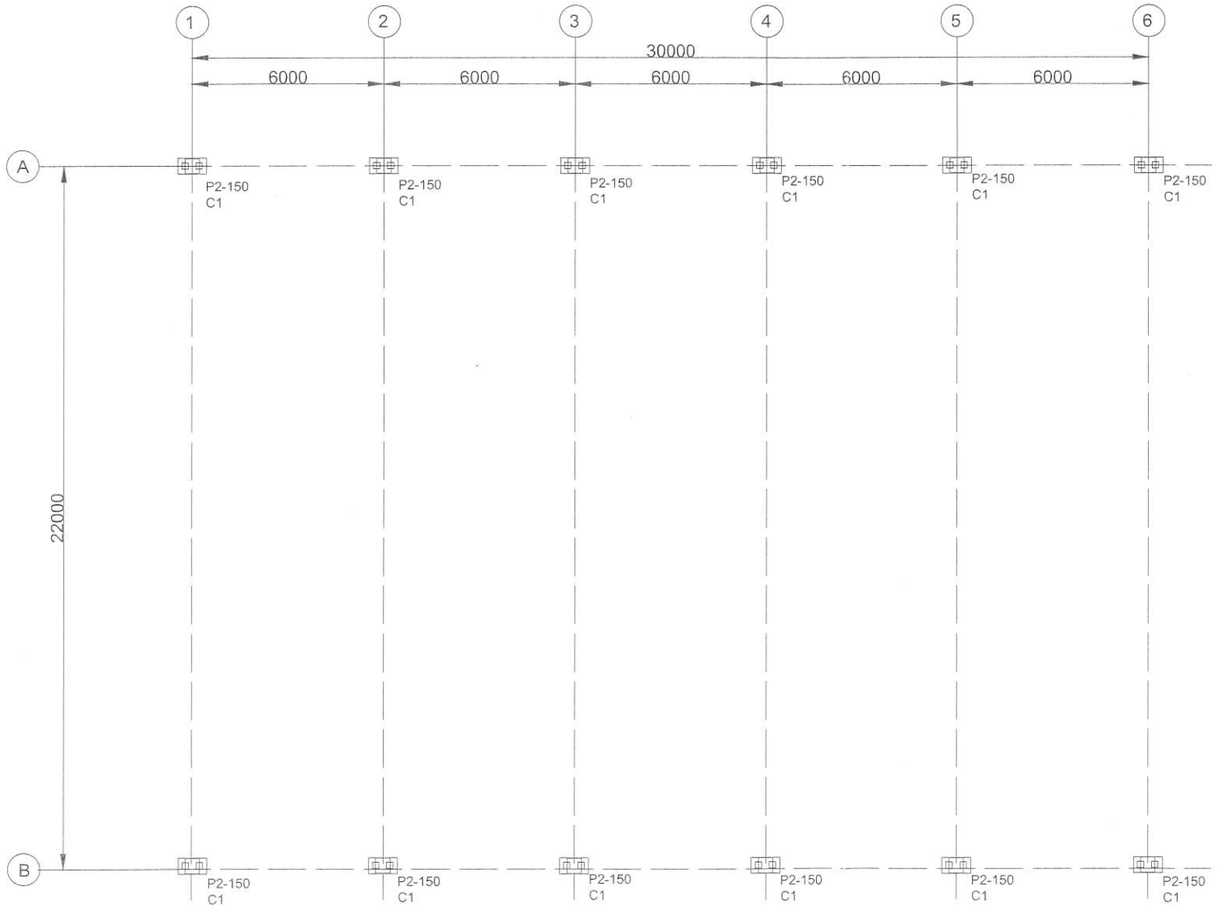
PILECAP P2-150

(TOTAL : 2 NOS OF 150MM X 150MM PRECAST R.C. PILES)

GROUND TO STUMP	
SIZE	450 X 450
REINFORCEMENT	8T12
LINKS	2R10 - 150
COLUMN MARK	C1

STUMP DETAILS

SCALE : 1:100



PILING LAYOUT PLAN

SCALE : 1:100

GENERAL NOTES ON R.C. PILE

1. ALL PILES USED SHALL BE PRECAST R.C. PILE.
2. CONCRETE STRENGTH FOR R.C. PILE SHALL BE GRADE 45 MPa (MIN).
3. ALL R.C. PILES SHALL NOT DEVIATE MORE THAN 75mm FROM THE DESIGNED POSITION AT CUT OFF LEVEL.
4. FOR VERTICAL PILES, VERTICAL ALIGNMENT OF THE PILES SHALL NOT DEVIATE AT ANY POINT BELOW THE CUT OFF LEVEL BY MORE THAN 1 IN 100 FROM THEIR TRUE VERTICAL POSITION.
5. ALL SINGLE PILE SHALL NOT DEVIATE MORE THAN 25mm FROM THE DESIGNED POSITION AT CUT OFF LEVEL.
6. PILE PROVISIONAL LENGTH IS 18 METERS (3x6m LENGTH). ACTUAL LENGTH TO BE CONFIRMED ON SITE.
7. CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY SHORING FOR PILECAP EXCAVATION.
8. THE WORKING LOAD OF EACH PRECAST R.C. PILE SHALL BE :-

   i. 150mm X 150mm PRECAST R.C.PILE = 150kN
9. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON SITE AND RESOLVE ALL DISCREPANCIES WITH THE ENGINEER BEFORE COMMENCEMENT OF WORK.

GENERAL NOTES ON R.C. PILE CAP

1. CONCRETE FOR PILE CAP SHALL BE GRADE 30 UNLESS OTHERWISE STATED NOTED WITH MAXIMUM AGGREGATE SIZE 20mm. MINIMUM CUBE STRENGTH AT 28 DAYS SHALL BE 30 N/mm².
2. MINIMUM CEMENT CONTENT SHALL BE 430 Kg/M³ CONFORM TO JKR'S CODE OF CONCRETE MIX DESIGN.
3. UNLESS OTHERWISE NOTED, MINIMUM COVER TO REINFORCEMENT SHALL BE 50mm.
4. REINFORCEMENT USED SHALL BE HIGH YIELD DEFORMED ROUND BARS (DENOTED AS 'T' ON DRAWINGS) AND MILD STEEL BARS (DENOTED AS 'R' ON DRAWINGS) CONFORMING TO BE BS 4449.
5. LEAN CONCRETE AT BASE OF PILE CAP SHALL BE OF GRADE 15 (OR EQUIVALENT) AND OF THICKNESS 50mm.

LEGEND

℄	DENOTES CENTRE LINE OF COLUMN IS CENTRE LINE OF PILECAP
C1	DENOTES COLUMN MARK
P1-150	DENOTES 1 no OF 150 X 150 R.C. PILE



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KONTRAKTOR :

CEKAL TABAH ENTERPRISE

NO.7-1, JALAN ADENIUM 20/11,
PUSAT PERNIAGAAN ADENIUM
SEKSYEN BB5,
48300, BUKIT BERUNTUNG,
SELANGOR DARUL EHSAN,

JURUTERA PERUNDING :

ΔABADΔ
Abad Consultants Sdn Bhd
(671853-W) Consulting Engineers
B-11B, JALAN PJU 10/3B,
DAMANSARA DAMAI 47830 SELANGOR
TEL: 603-6157 2275, FAX: 603- 6157 5275
E-MAIL :- abadconsult15@gmail.com

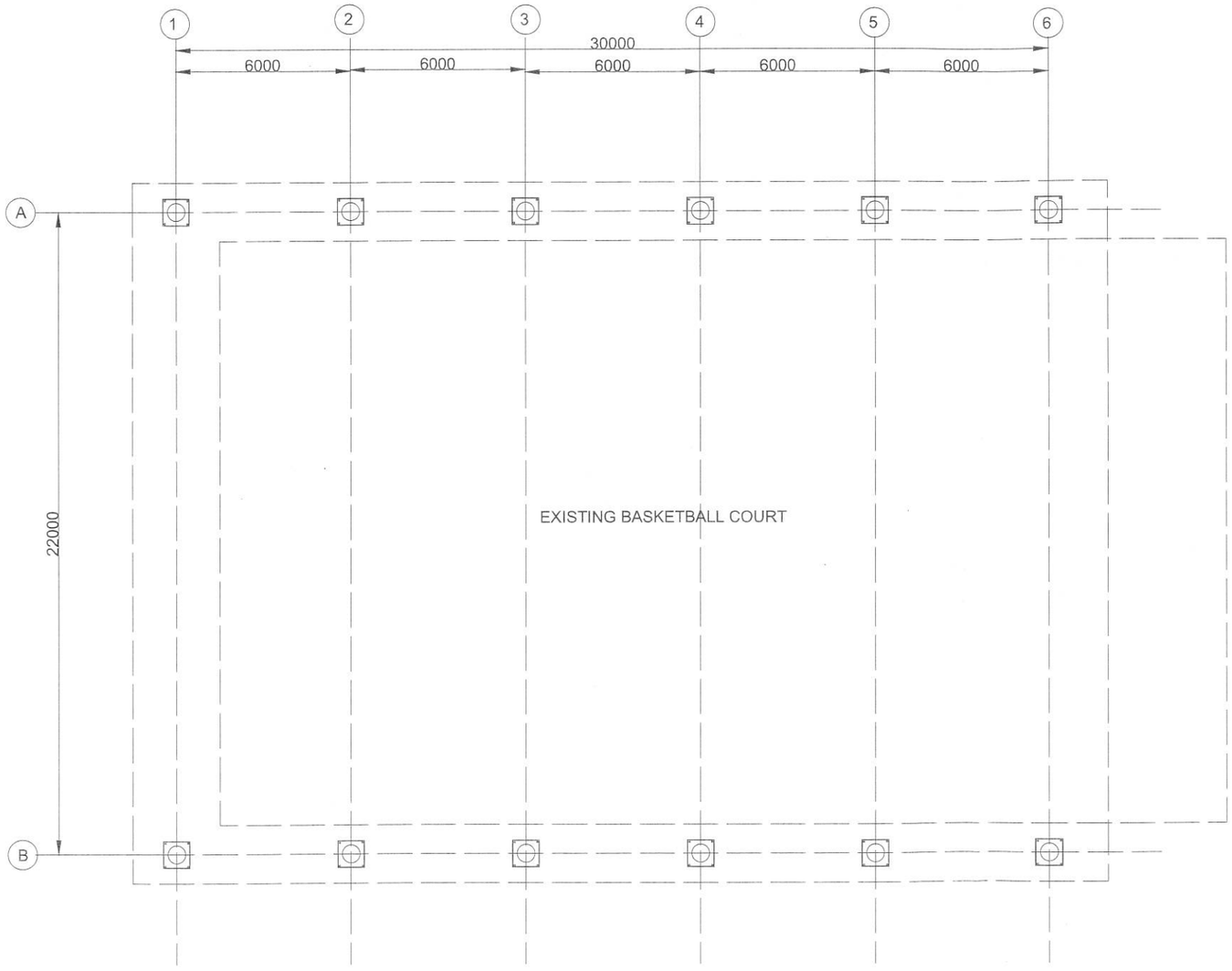
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DATE : DISEMBER 2021	SHEET NO :

DRAWING NO : ABAD/2021/LAY-001

TAJUK LUKISAN :

PILING LAYOUT PLAN

Dokumen Meja Terkawal



COLUMN LAYOUT PLAN

SCALE 1:100

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KONTRAKTOR :

CEKAL TABAH ENTERPRISE

NO.7-1, JALAN ADENIUM 20/11,
PUSAT PERNIAGAAN ADENIUM
SEKSYEN BB5,
48300, BUKIT BERUNTUNG,
SELANGOR DARUL EHSAN,

JURUTERA PERUNDING :

ABAD
Abad Consultants Sdn Bhd
(671603-K) Consulting Engineers
5-11F, JALAN PJU 10/3D,
DAMANSARA DAMAI 47830 SELANGOR
TEL: 603-6157 2275, FAX: 603- 6157 5275
E-MAIL :- abadconsult1@gmail.com

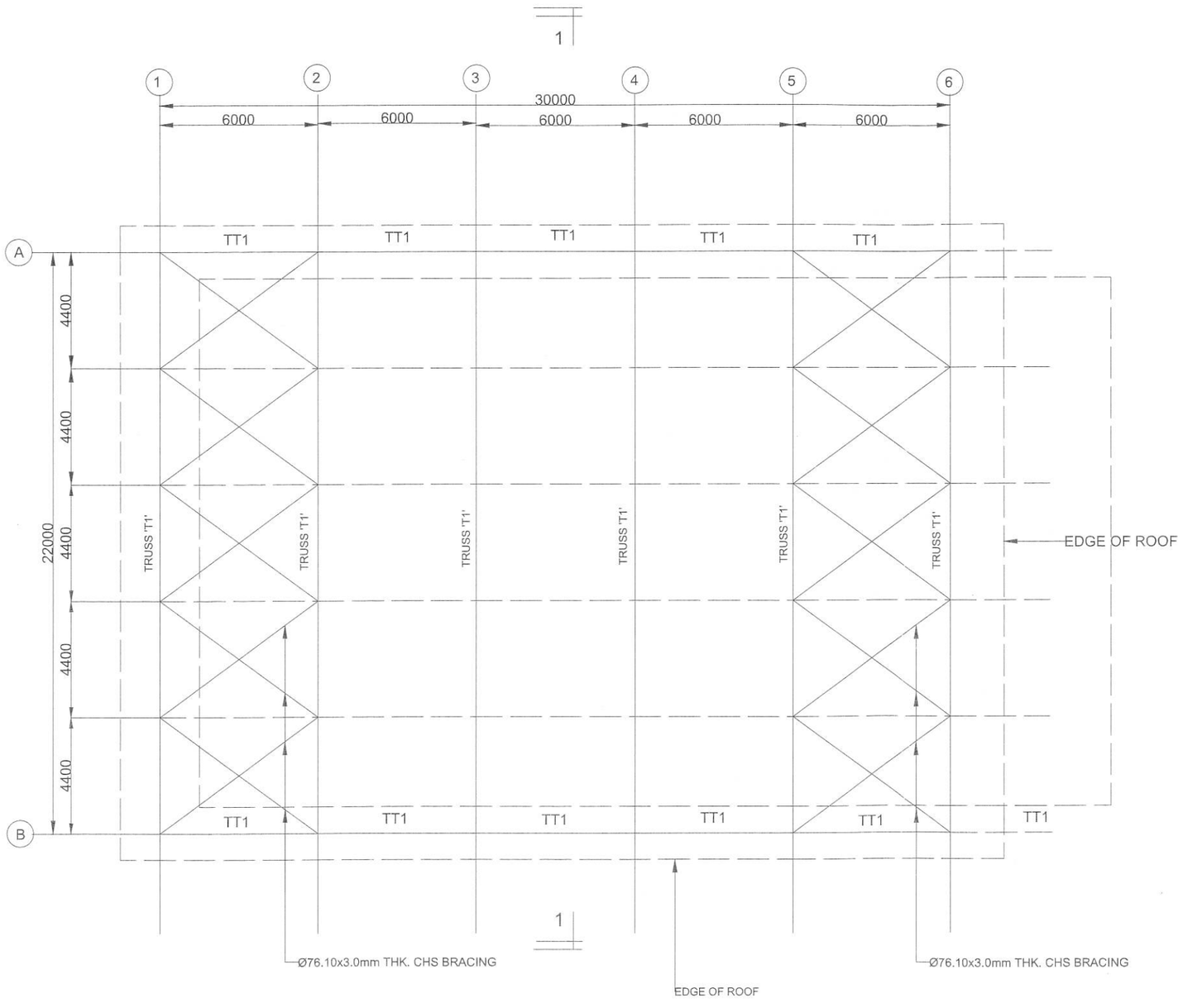
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DATE : DISEMBER 2021	SHEET NO :

DRAWING NO : ABAD/2021/LAY-002

TAJUK LUKISAN :

COLUMN LAYOUT PLAN

Dokumen Meja Terkawal



ROOF TRUSS LAYOUT PLAN
SCALE 1:100

NOTE FOR STEEL WORKS:

1. ALL MILD STEEL SHALL BE GRADE 43 HAVING MINIMUM YEILD STRENGTH OF 275 N/M^2 AND SHALL COMPLY WITH ALL THE REQUIREMENTS OF B.S. 4360 (HOT ROLLED SECTION), BS 4848 UNLESS OTHERWISE STATED.
2. WORKMANSHIP SHALL GENERALLY BE IN ACCORDANCE WITH THE LATEST B.S 449.
3. ALL STEEL SECTION, PLATE, BOLTS, NUTS AND WASHER SHALL BE ADEQUATELY PROTECTED AGAINST RUSTING AND FINISHED WITH HOT DIP ZINC GALVANIZED.
4. UNLESS OTHERWISE STATED, ALL BOLTS SHALL BE OF MILD STEEL (MIN. GRADE 8.8) HEXAGONAL HEAD AND ROUND SHANK, IN ACCORDANCE WITH B.S. 4190.
5. ALL WELDS TO BE MIN. 8MM THK. FILLET WELDS AND ALL WELDING SHALL BE IN COMPLY WITH B.S. 5133 : 1974.
6. ALL CONCRETE SHALL BE GRADE 30, UNLESS OTHERWISE STATED.
7. THE MINIMUM EMBEDMENT LENGTH FOR H.D BOLTS SHALL BE 750mm UNLESS OTHERWISE STATED.
8. ALL ENDS OF HOLLOW SECTION TO BE SEAL WITH 6mm THK. M.S PLATE BY 6mm THK. FILLED WELD ALL ROUND UNLESS OTHERWISE SPECIFIED.
9. ALL STEEL STRUCTURAL SHALL BE COATED WITH HOT DIP ZINC GALVANISED UPON SAND BLASTING PROCESS TO REMOVE THE ORIGINAL COATED.
10. ALL METAL ARC WELDING SHALL BE DONE IN ACCORDANCE WITH B.S 5135 AND SS CP 8. ALL WELDING SHALL BE CARRIED OUT OFF-SITE. BOLTS, NUTS AND WASHERS SHALL BE USED FOR ALL ON-SITE CONNECTIONS AS SHOWN IN THE DRAWINGS.
11. ALL CIRCULAR HOLLOW SECTION (CHS) SHALL BE HOT ROLLED SECTION (SEAMLESS STEEL PIPE) UNLESS APPROVED OTHERWISE.
12. ROOF PITCH SHALL REF. TO ARCHITECTURE'S DRAWING.
13. CONTRACTOR SHALL SUBMIT THE FABRICATION DRAWING FOR ENGINEER'S APPROVAL PRIOR TO FABRICATION WOKRS.

LEGEND

M.S.	-	MILD STEEL
B.S.	-	BRITISH STANDARD
O.D.	-	OUTTER DIAMETER
MIN.	-	MINIMUM
THK.	-	THICKNESS
CHS	-	CIRCULAR HOLLOW SECTION STEEL
Ø	-	DIAMETER
F/W	-	FILLET WELD
B/W	-	BUT WELD
SHS	-	SQUARE HOLLOW SECTION STEEL

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KONTRAKTOR :

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NO.7-1, JALAN ADENIUM 20/11,
PUSAT PERNIAGAAN ADENIUM
SEKSYEN BB5,
48300, BUKIT BERUNTUNG,
SELANGOR DARUL EHSAN,

JURUTERA PERUNDING :

ABAD
Abad Consultants Sdn Bhd
(671853-W) Consulting Engineers
D-11B JALAN PJS 11/28,
DAMANSARA DAMAI 47830 SELANGOR
TEL: 603-6157 5275, FAX: 603- 6157 5275
E-MAIL :- abadconsult1@gmail.com

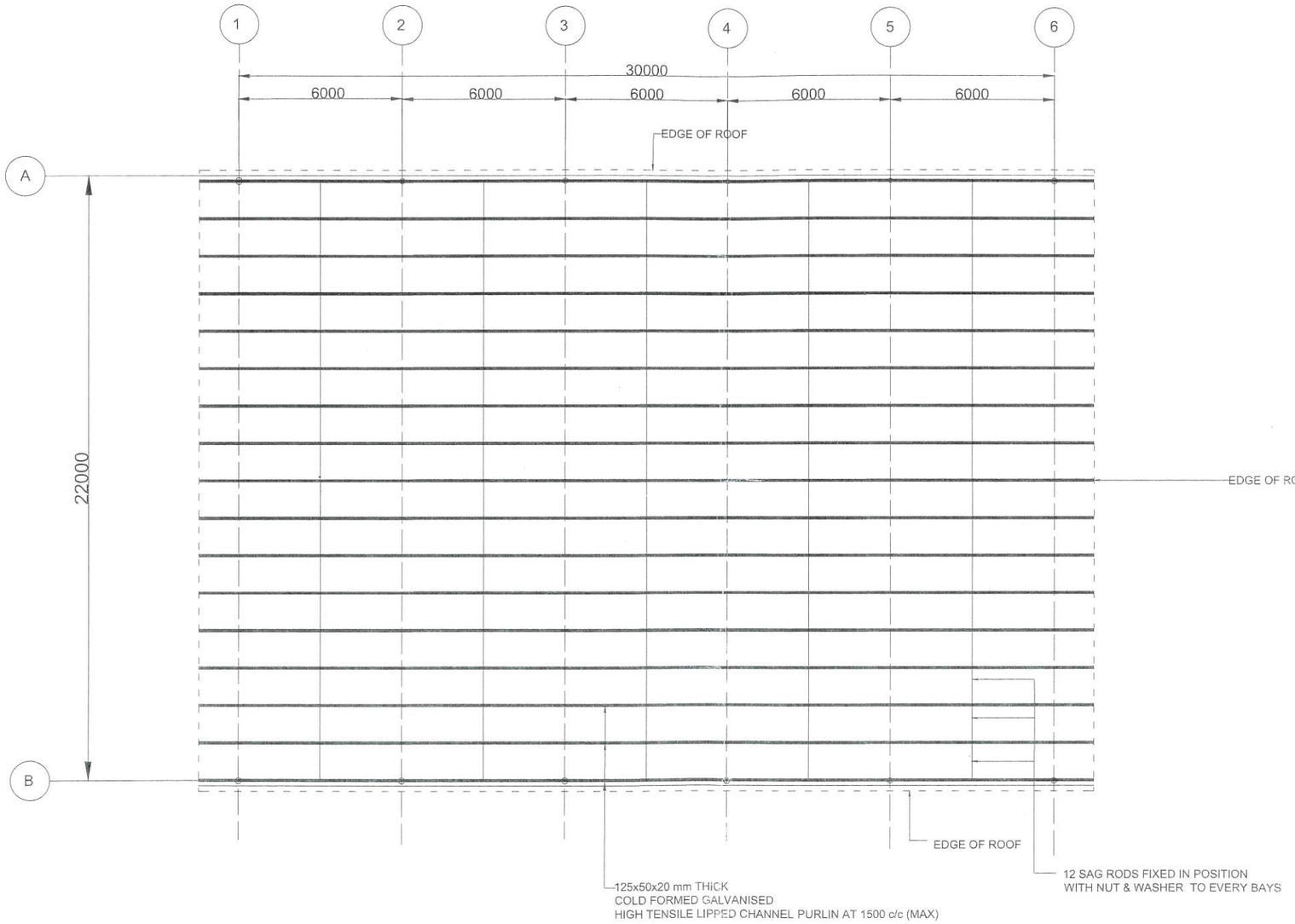
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JURUTERA PROFESIONAL
IR. ABDUL HALIM BIN HJ GHAZALI
MALAYSIA

TAJUK LUKISAN :

ROOF TRUSS LAYOUT PLAN

Dokumen Meja Terkawal



ROOD PURLIN LAYOUT PLAN

SCALE 1:100

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KONTRAKTOR :

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PUSAT PERNIAGAAN ADENIUM
SEKSYEN BB5,
48300, BUKIT BERUNTUNG,
SELANGOR DARUL EHSAN,

JURUTERA PERUNDING :

ABAD
Abad Consultants Sdn Bhd
(671853-W) Consulting Engineers
D-11K JALAN PJU 10/2D,
DAMANSARA DAMAI 47830 SELANGOR
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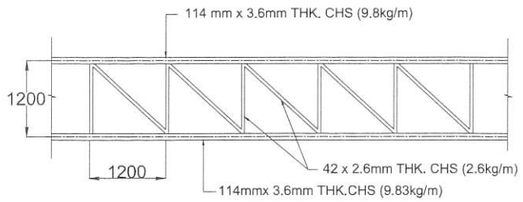
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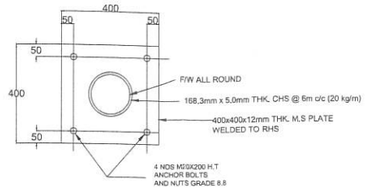
ROOF PURLIN LAYOUT PLAN

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IR. ABDUL HALIM BIN HAJI GHAZALI
MALAYSIA

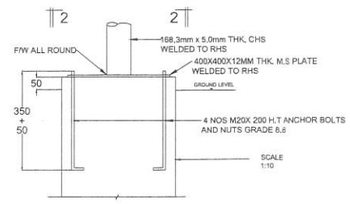
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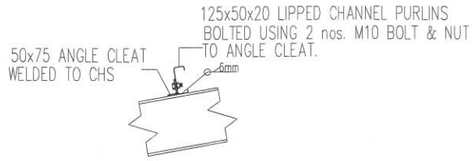
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SCALE 1:50



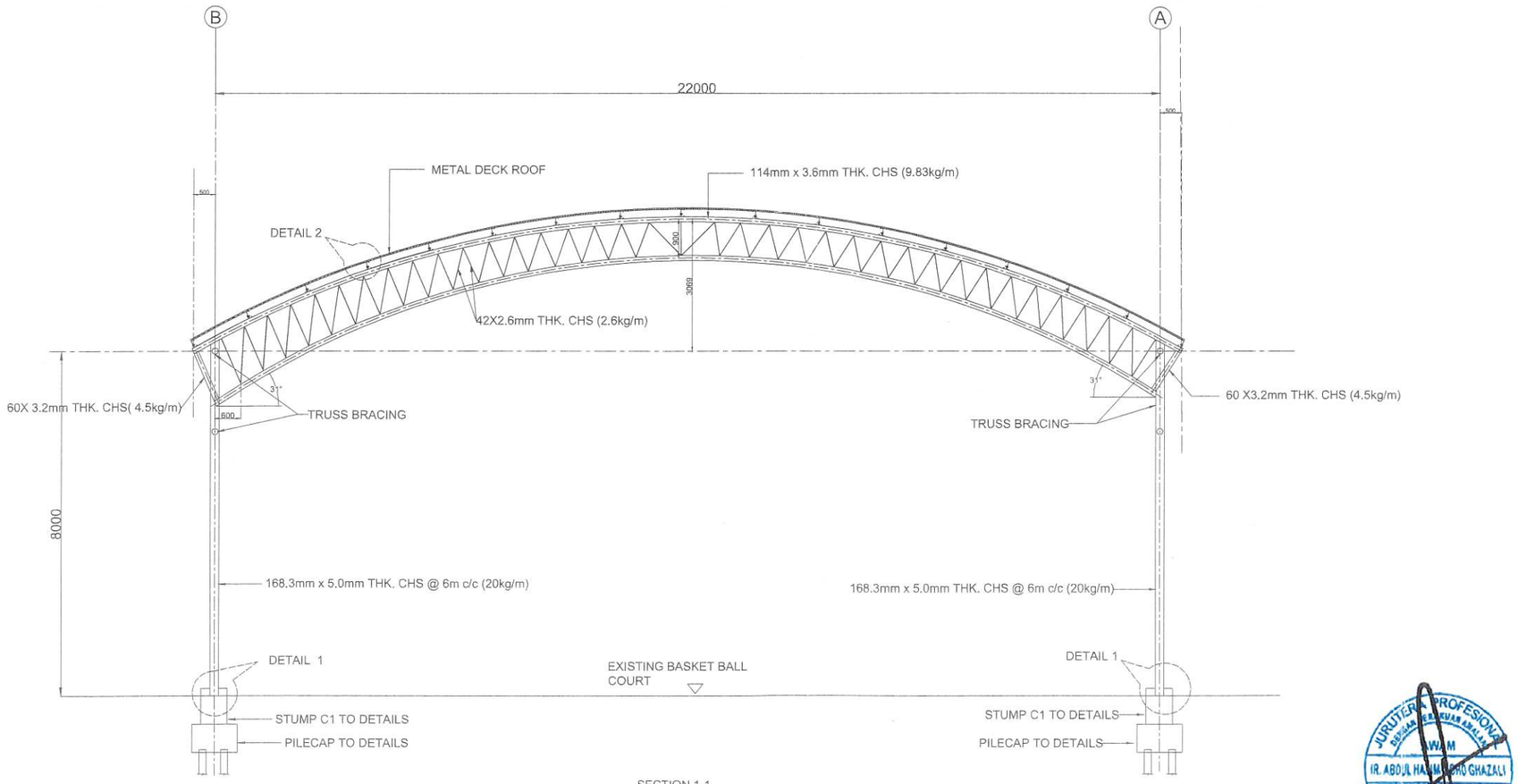
SECTION 2-2
SCALE 1:10



DETAIL'1'
SCALE 1:10



DETAIL'2'
SCALE 1:10



SECTION 1-1
SCALE 1:50

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SEKSYEN BB5,
48300, BUKIT BERUNTUNG,
SELANGOR DARUL EHSAN,

JURUTERA PERUNDING :

ABAD
Abad Consultants Sdn Bhd
(671653-W) Consulting Engineers
D-1-1M JALAN PJU 10/3D
DAMANSARA DAMAI 47830 SELANGOR
TEL: 603-6157 5275, FAX: 603- 6157 5275
E-MAIL : abadconsult1@gmail.com

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IR. ABDUL HALIM BIN HJ GHAZALI
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