

GENERAL NOTES

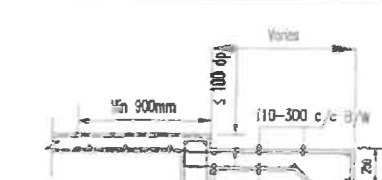
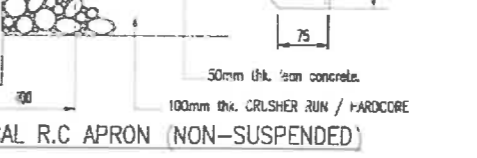
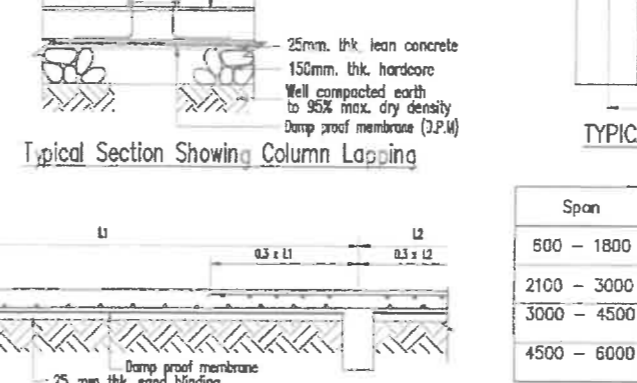
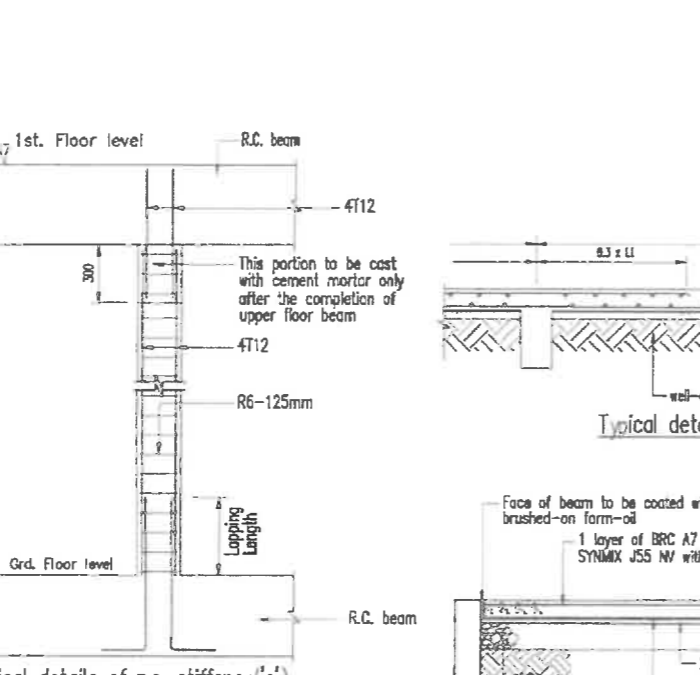
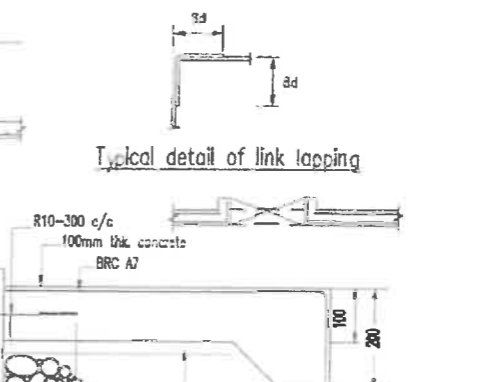
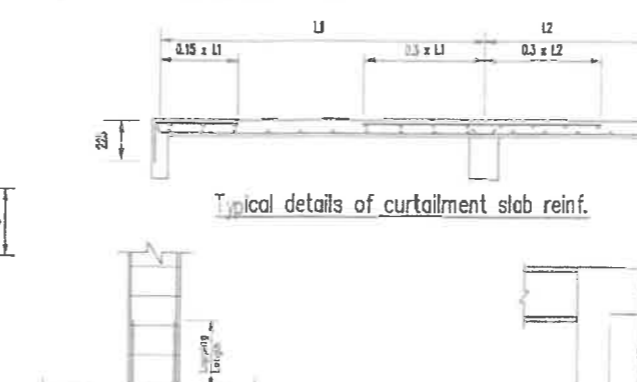
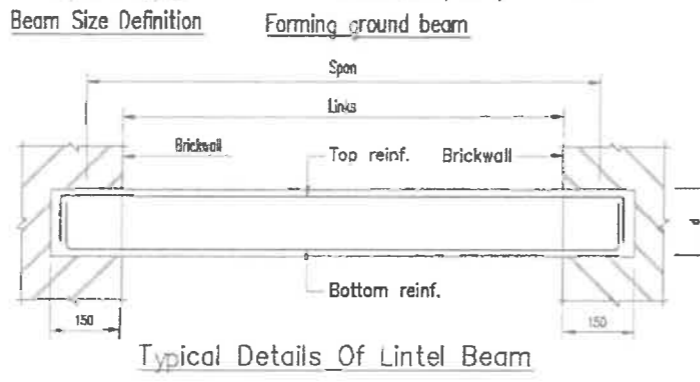
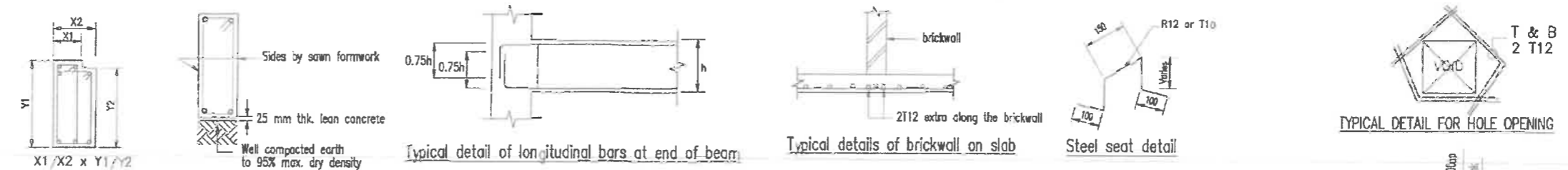
- These structural details are to be read in conjunction with the architectural drawings and any discrepancies shall be notified immediately.
- Only figure dimensions to be used.
- The engineers must be informed before work commences.

NOTES ON REINFORCED CONCRETE

- Reinforced concrete grade 25 (unless stated otherwise).
- Concrete cover to reinforcement bars (unless stated otherwise): -
 File-caps/ Footings - 50 mm
 Ground beams & stumps - 38 mm
 Columns - 25 mm
 Superstructural beams - 25 mm
 Superstructural slabs - 20 mm
- All reinforced concrete to be mechanically vibrated or as directed by the engineer.
- Cement used shall comply with BS 12 'Specification for ordinary and rapid hardening Portland cement'.
- Aggregates used shall comply with BS 882 'Specification for aggregates from natural sources for concrete'.
- Reinforcement used shall comply with the following standards: -
 BS 4449 - Specification for hot rolled steel bars for the reinforcement of concrete.
 BS 4461 - Specification for cold worked steel bars for the reinforcement of concrete.
 BS 4482 - Hard drawn mild steel wire for the reinforcement of concrete.
 BS 4483 - Steel fabric for the reinforcement of concrete.
- Steel seat or spacer blocks to be provided adequately.
- R - mild steel plain bars, $f_y = 250 \text{ N/mm}^2$
 T - high tensile steel deformed bars, $f_y = 460 \text{ N/mm}^2$
- Examples: -
 2R12 - 2 numbers 12 mm ϕ mild steel bars
 3T25 - 3 numbers 25 mm ϕ high tensile steel bars
 R6-225 - 6 mm ϕ mild steel bars at spacing of 225 mm centres.
- The minimum period before removing/striking formwork to structural members, shall be as follows:

Location	Ordinary Portland Cement
	Period (days)
Vertical formwork to columns, walls and large beams	1
Soffit formwork to slabs	7
Soffit formwork to beams	9
Props to slabs	14
Props to beams	15

- The average strength determined from any group of four consecutive test results exceeds the specified characteristic strength by: -
 - 3N/mm for concretes of grade C20 and above
 - 2 N/mm for concretes of grade C7.5 to C15 and above
 The strength determined from any test result as not less than the specified characteristic strength minus strength by:
 - 3N/mm for concretes of grade C20 and above
 - 2 N/mm for concretes of grade C7.5 to C15 and above



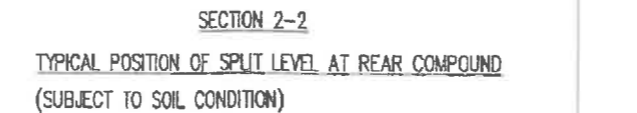
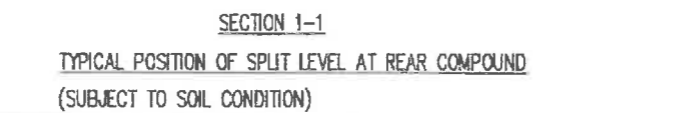
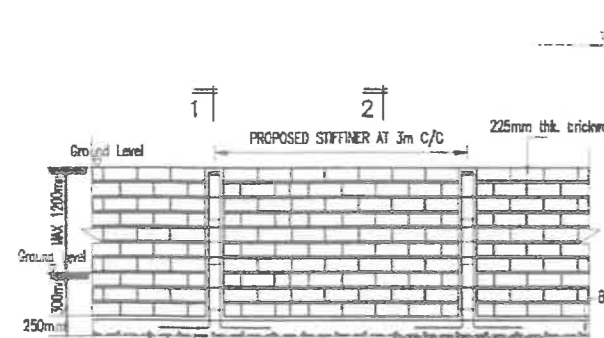
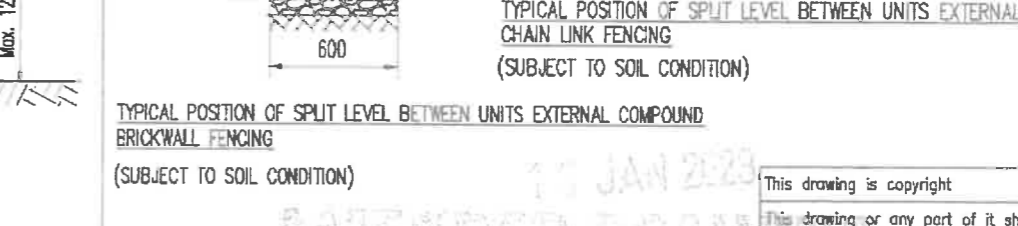
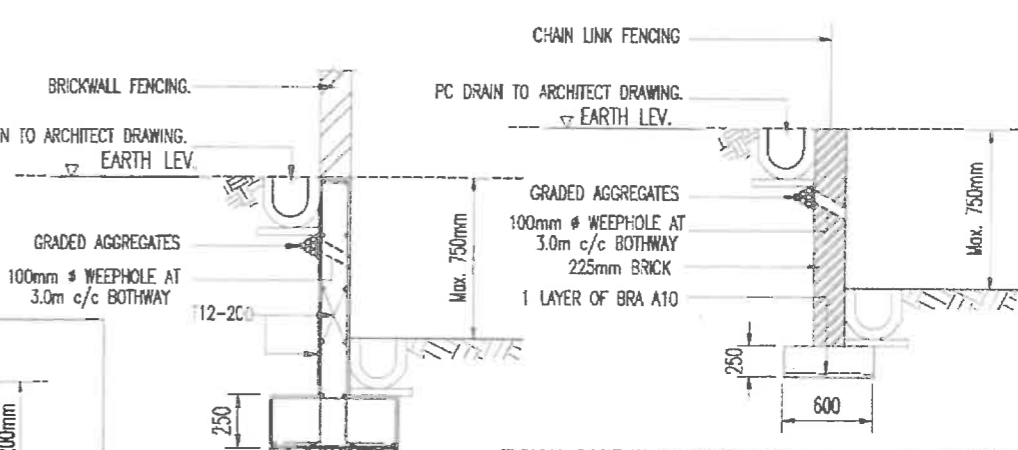
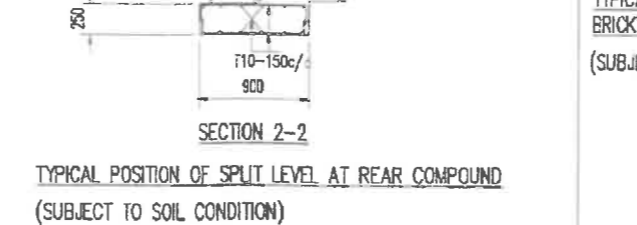
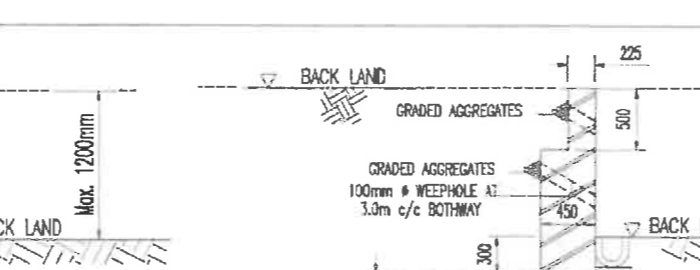
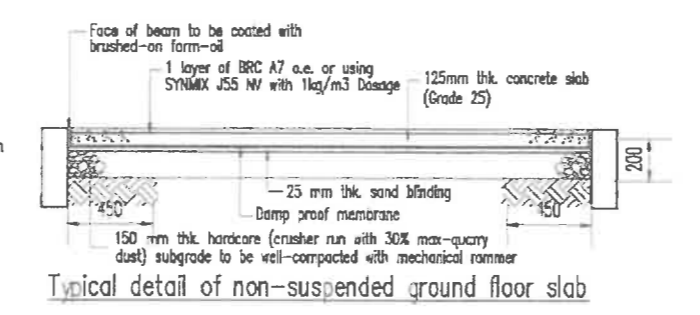
Span	Size(bxd)	Top Reinf.	Bottom Reinf.	Links
500 - 1800	125x150	2T10	2T10	R6-125
2100 - 3000	125x225	2T10	2T12	R6-125
3000 - 4500	125x375	2T10	4T10	R6-175
4500 - 6000	125x450	2T10	4T12	R6-150

Lintel Beam Schedule

T Bar Size ϕ	CONC. GRADE 20	CONC. GRADE 25
	Lapping Length	Lapping Length
	45 ϕ	41 ϕ
10 mm	450 mm	410 mm
12 mm	540 mm	500 mm
16 mm	720 mm	680 mm
20 mm	900 mm	820 mm
22 mm	990 mm	910 mm
25 mm	1130 mm	1030 mm

Lapping Schedule

ϕ denotes diameter of steel bar
 T denotes High Tensile Steel Bar, $f_y = 460 \text{ N/mm}^2$



No.	Tarikh	Pindaan	Ditulis

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 2) These drawings shall be read in conjunction with the architectural drawings, specifications or any other site instructions. Any discrepancies shall be notified immediately to the engineer before commencing work.

Pareka : WYTan
 Ditulis oleh : TTW
 Disemak oleh : NWS
 Tarikh : NOV. 2018
 Skala : 1:100

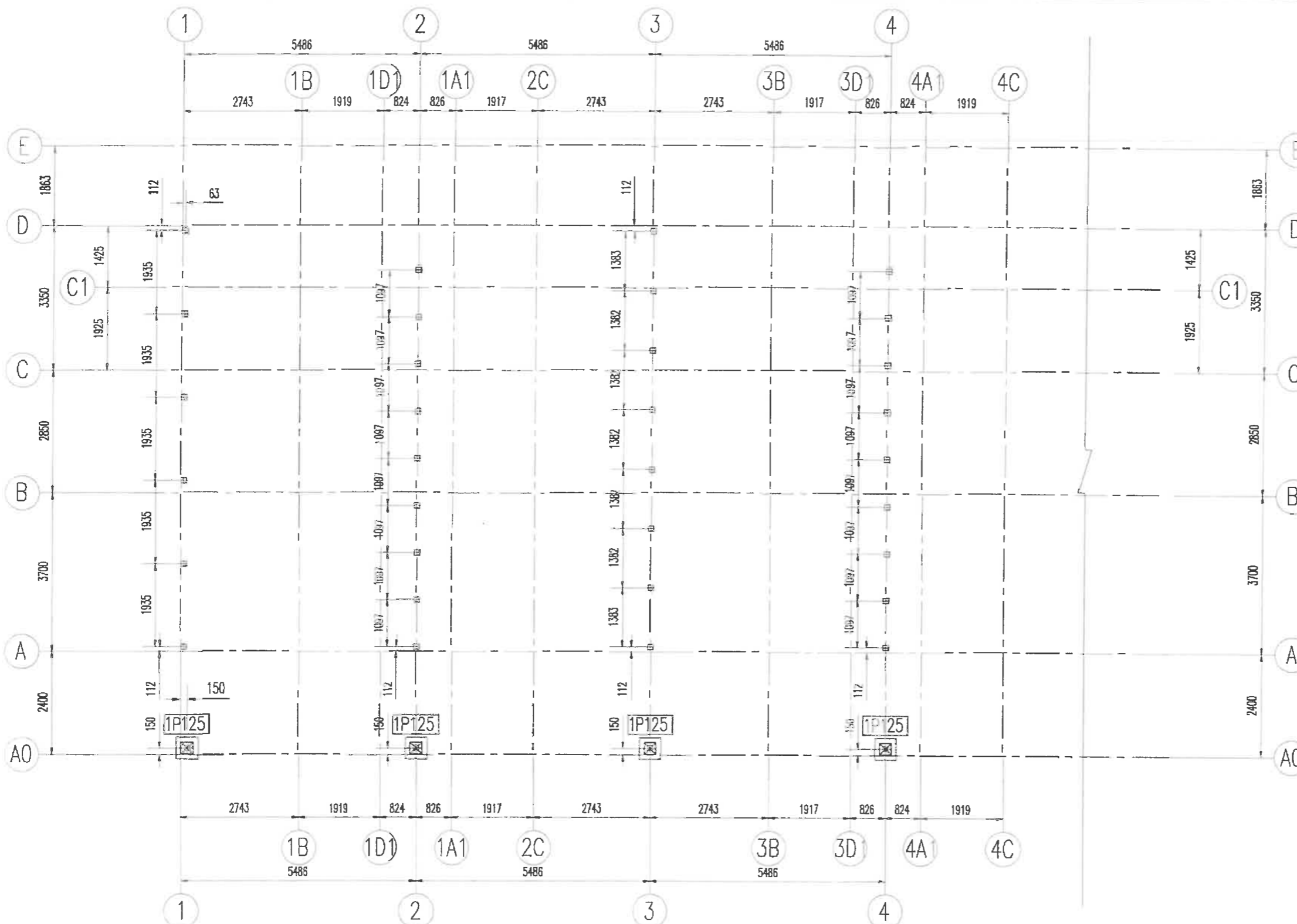
Malim McCallum C&S Consultancy
 Civil Structural (M0235010-U)
 (Formerly known as McCallum Engineering Consultant)
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Projek: PESEKONAN PELAN BANGUNAN DIBERHATU AKIA 133, ENCI TAWAN CEMERAW PELAN PINDAAN KEPADA PELAN YANG DILULUSKAN PADA 03 MAR 2022 MELALUI RUKUN PELAN KELULUSAN MPJ/02/1000-01-09/186/P/2021) YANG MENGENAIKAN CAHANGAN PEMBANGUNAN BERKAMPUR DI AJAS LOT 27089 (HAWALK TAWAN GRN 61299), WUKM AYER PANGAS, DISTRIK JENIN, MELAKA, UNTUK TETUAN SCIENTEX HEIGHTS SDN. BHD.
 FASA 1A2
 RUMAH TERES 2 TINGKAT (1st x 05) ----- 231 UNIT
 PEMBANGUNAN ELEKTRIK TBS ----- 3 UNIT

Tojuk Lukisan : RAFT FOUNDATION LAYOUT
 No. Lukisan : 1219/S/678/DSB/PR-TYPICAL

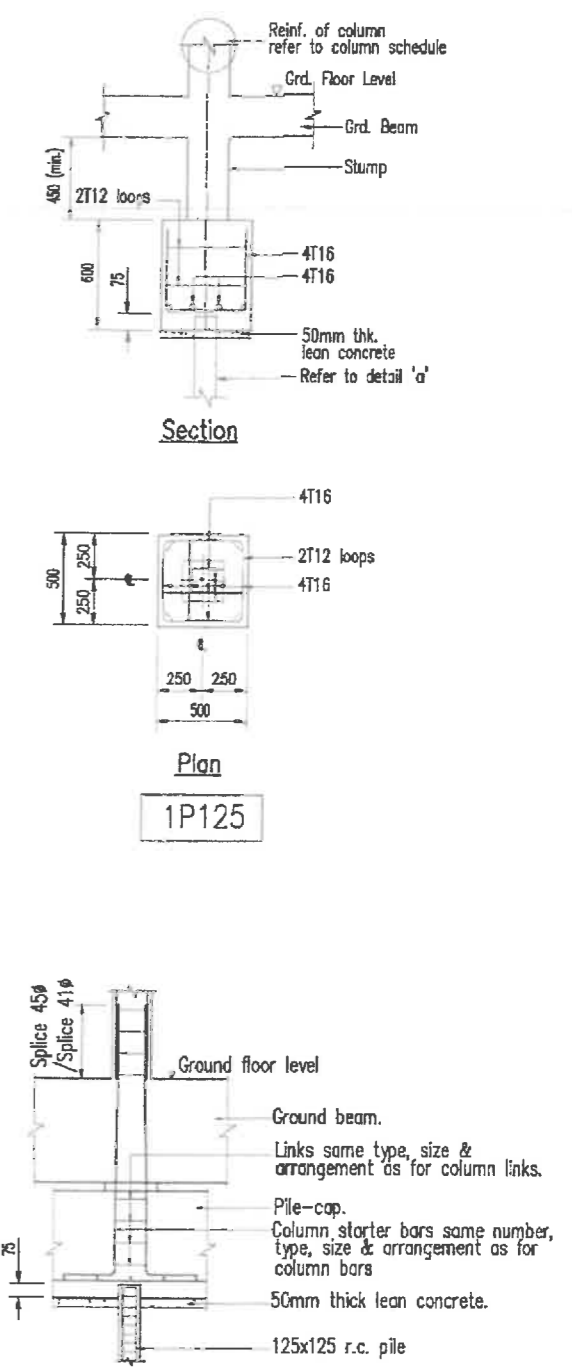
10 JAN 2023
 APPROVED DRAWING
 FOR CIVIL STRUCTURE

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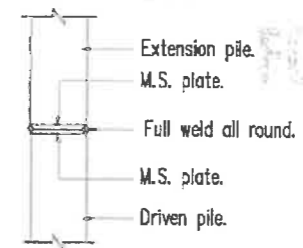


PILING LAYOUT

All pile to be 125x125 r.c. prestressed pile with working load 18 tonnes per pile



125x125 r.c. Prestressed Pile Details



Typical Pile Joint Details

16 JAN 2023
AMENDED DRAWING
FOR CONSTRUCTION

Reinforced concrete grade 30 for shear wall, first floor slab and beam
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Ruj.	Tarikh	Pindaan	Ditulis

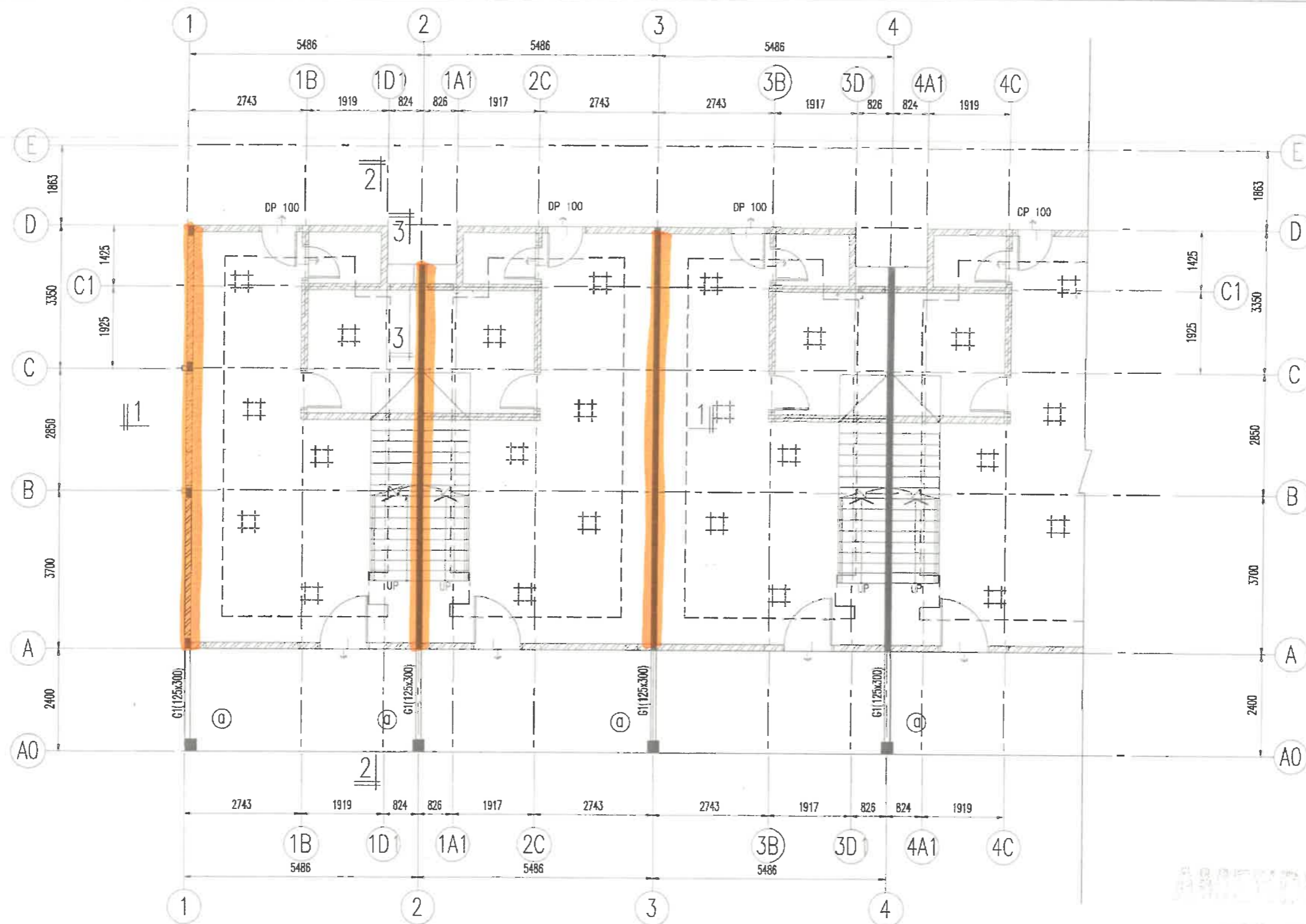
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 Disemak oleh : NWS
 Skala : 1:100
 Ditulis oleh : TTW
 Tarikh : NOV. 2018

McCallum C&S Consultancy
 CIVIL Structural (MA0235010-U)
 (Formerly known as McCallum Engineering Consultant)
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 TEL/FAX : 06-3358708, 06-3363913
 E-mail : mccallum@mail.com

PROJEK: PERMOHONAN PELAN BANGUNAN DAN/ATAH AKTA 133, BAGI TUDAH CADANGAN PELAN PINDAH KEPADA PELAN YANG BELLULISKAN PADA 03 MAR 2022 MELALUI RUMAH PELAN KELULUSAN MPJ/NB/1000-01-09/183(P)(2021) YANG MENGANDUNGI CADANGAN PENINGKATAN BERCAHAPUR DI ATAS LOT 27069 (HAWILIR TANAH GRN 61299), MUKAM AHER PAWAS, DAERAH JASRI, MELAKA. UNTUK TETAPAN SCIENTEX HEIGHTS SDN. BHD.
 MENGENGANDUNGI:
 FASE 1A2:
 RUMAH TERES 2 TINGKAT (18' x 65') ----- 231 UNIT
 PENCANGKANG ELEKTRIK TNB ----- 3 UNIT

Tajuk Lukisan : PILING LAYOUT
 No. Lukisan : 1219/S/678/DSB/PR-1



RAFT FOUNDATION LAYOUT

All raft foundation to be 125 mm thk. u.n.o.
 All top reinf. to be BRC A6 o.e.
 All bot. reinf. to be BRC A6 o.e. except:-
 [Symbol] denotes 400 mm thk. raft foundation with top reinf. BRC A6 o.e. and bot. reinf. BRC A10
 [Symbol] denotes 600x600x300 mm thk. raft foundation with top reinf. BRC A6 o.e. and bot. reinf. BRC A10

[Symbol] denotes 250 mm thk. raft foundation with top reinf. BRC A6 o.e. and bot. reinf. BRC A6
 [Symbol] denotes 300 mm thk. raft foundation with top reinf. BRC A6 o.e. and bot. reinf. BRC A10
 [Symbol] denotes 900x900x450 mm thk. raft foundation with top reinf. BRC A7 o.e. and bot. reinf. T16-200 c/c (b/w)

All column to be 125x225 r.c. column with 4T12 & R6-125 c/c link except :-
 (a) denotes 275x275 r.c. column with 6T12 & R6-125 c/c link
 'c' denotes 125x225 r.c. column with 4T12 & R6-125 c/c link to staircase level

Reinforced concrete grade 30 for shear wall, first floor slab and beam
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Ruj.	Tarikh	Pindaan	Ditulis

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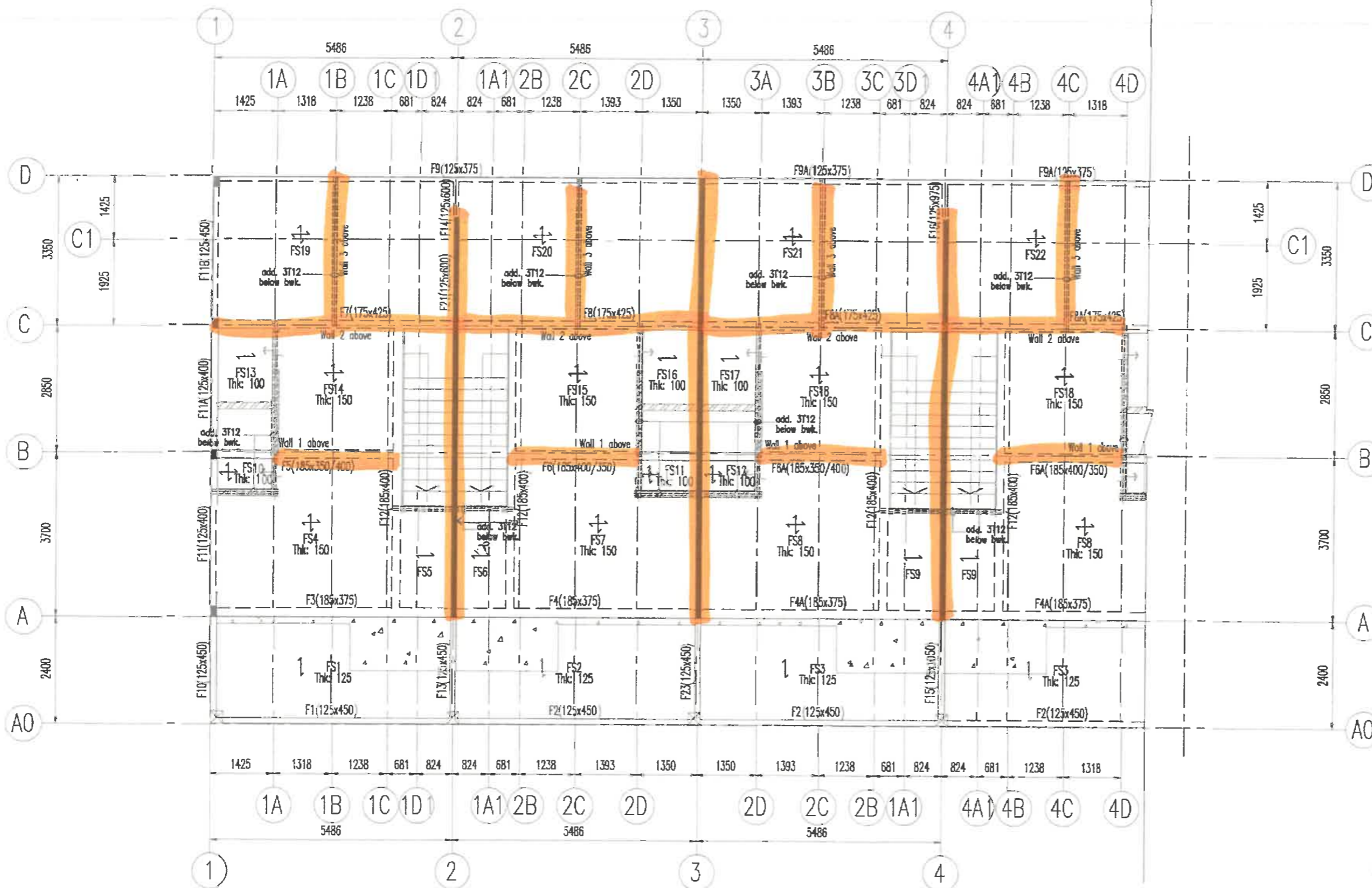
Peraka : WYTan
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 Ditulis oleh : TTW
 Tarikh : NOV. 2018

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PROJEK PERMOHONAN PELAN BANGUNAN DISEWAJAH AKTA 133, BAHU TUJUAN CADANGAN PELAN PINDAAN KEPADA PELAN YANG DILULUSKAN PADA 03 MAR 2022 MELALUI BALUKAN PELAN KELULUSAN MPJ/JKB/1000-01-09/106(P)(2021) YANG MENGANDUNGI CADANGAN PEMERINCANGAN BERCAKUP DI ATAS LOT 27069 (MUKAWIL TANAH GRN 61299), MUKOM AYER PAWAS, DISTRIK JASIN, MELAKA. UNTUK TERUJIAN SCIENTEX HEIGHTS SDN. BHD. MENGANALISIS:
 FASA 1A2:
 RUMAH TERES 2 TINGKAT (18' x 85') ----- 231 UNIT
 PENCAHANG ELEKTRIK TMB ----- 3 UNIT

Tajuk Lukisan : RAFT FOUNDATION LAYOUT
 No. Lukisan : 1219/S/678/DSB/PR-2

10 JAN 2023
 APPROVED DRAWING
 FOR CONSTRUCTION



FIRST FLOOR PLAN

All slab thickness to be 125mm thk. u.n.o
 All beam to be 125x375 thk. u.n.o
 All column to be 125x225 r.c. column with 4T12 & R6-125 c/c link except :-
 [] mass concrete 50mm thk

2023
 PREPARED DRAWING
 FOR CONSTRUCTION

Reinforced concrete grade 30 for shear wall, first floor slab and beam
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Ruj.	Tarikh	Pindaan	Ditukis

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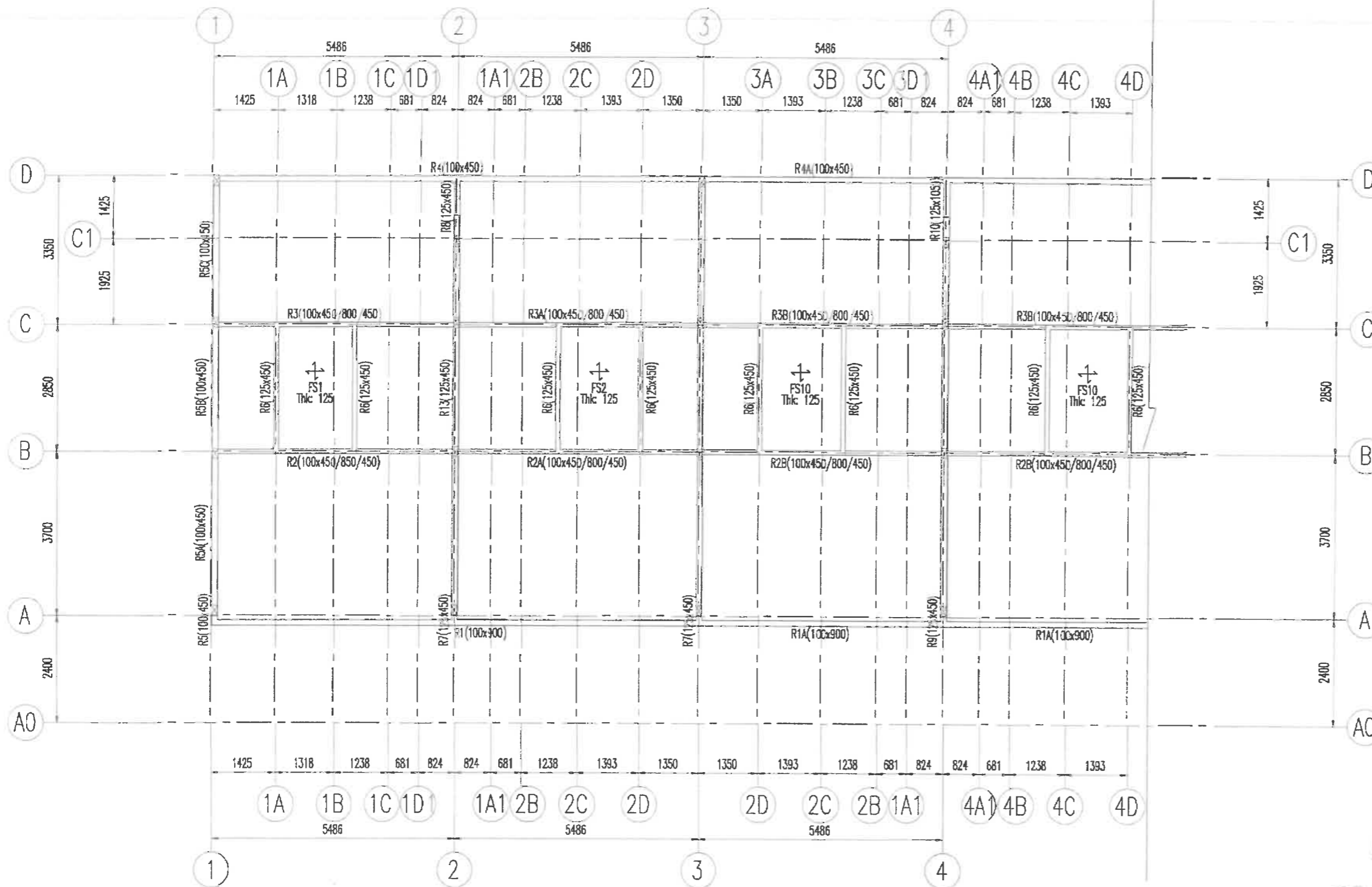
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 E-mail : mccallum@mail.com

PROJEK: PERBENIHAN PELAN BANGUNAN DEWARAH AKTA 133, BACI TUMBUH CADANGAN PELAN PINDAAN KEPADA PELAN YANG DIBULUSKAN PADA 03 MAR 2022 MELALUI RAJUKAN PELAN KELULUSAN MP1/MB/1000-01-09/188(P)(2021) YANG MENGENGUNI CADANGAN PELAN BANGUNAN BERGAMBAR DI ATAS LOT 27069 (HAWLIK TANAH GRH 61299), MUKIM AYER PAWAS, DAERAH JASRI, MELAKA. UNTUK TETAPAN SCIENTEX HEIGHTS SDN. BHD. MENGENGUNI:
 FASA 1A2:
 RUMAH TERES 2 TINGKAT (18' X 65') ————— 231 UNIT
 PENCAMRANG ELEKTRIK TMB ————— 3 UNIT

Tajuk Lukisan : FIRST FLOOR PLAN
 No. Lukisan : 1219/S/678/DSB/PR-3



ROOF PLAN

All beam to be 125x450 thk. u.n.o
 All slab thickness to be 125mm thk. u.n.o
 All column to be 125x225 r.c. column with 4T12 & R6-125 c/c link except :-
 'COB' denotes 125x225 r.c. column with 4T12 & R6-125 c/c link

16 JAN 2023
 AMENDED DRAWING
 FOR CONSTRUCTION

Reinforced concrete grade 30 for shear wall,
 first floor slab and beam
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Ruj.	Tarikh	Pindaan	Dikukis

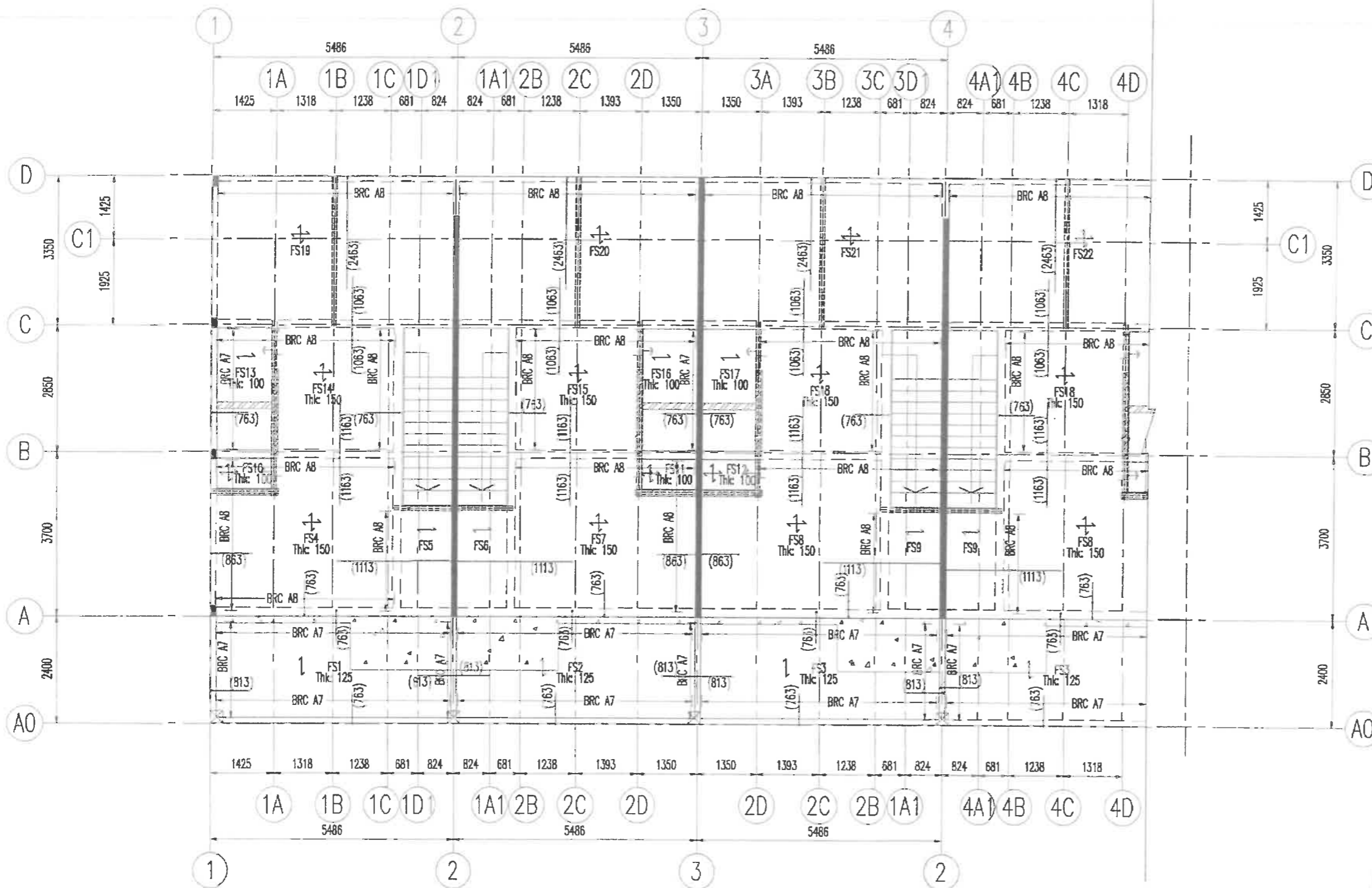
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PROJEK PERMOHONAN PELAN BANGUNAN DIRUBAH AKTA 133, BAGI TUJUAN CADANGAN PELAN PINDAAN KEPADA PELAN YANG DILULUSKAN PADA 03 MAR 2022 MELALUI BUANGAN PELAN KELULUSAN MPU/AGB/1000-01-09/186(P)(2021) YANG MENGANDUNGI CADANGAN PEMBANGUNAN BERCAKUPAN DI ATAS LOT 27069 (PAGALUK TANAH GRN 61299), MUKAM AYER PANAS, DAERAH JASIN, MELAKA. UNTUK TERUAM SCIENTEX HEIGHTS SDN. BHD. MENKANDUNGI:
 FASA 1A2:
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 PENCAKANG ELEKTRIK TMB ----- 3 UNIT

Tajuk Lukisan : ROOF PLAN
 No. Lukisan : 1219/S/678/DSB/PR-4



REFERENCE	MAIN WIRE		CROSS WIRE	
	SIZE (mm)	SPACING (mm)	SIZE (mm)	SPACING (mm)
BRC A7	7	200 c/c	7	200 c/c
BRC A8	8	200 c/c	8	200 c/c
BRC A10	10	200 c/c	10	200 c/c

FULL SPEC. BRC TABLE



TYPICAL BRC LAPPING WITH CROSS WIRE

NOTE : BRC LAPPING WITHOUT CROSS WIRE IS 70 TIMES BAR DIAMETER

- NOTES ON BRC REINFORCEMENT :
1. ALL LAPPING OF BRC MESH REINFORCEMENT SHALL BE FULL YIELD LAP, UNLESS OTHERWISE INDICATED. EXCEPT FOR DISTRIBUTION STEEL OF BOTTOM MESH REINFORCEMENT WHICH SHALL BE HALF YIELD LAP. FULL YIELD LAP SHALL BE DEFINED AS LAPPING OVER A LENGTH OF 2 WELDS PLUS 50mm.
 2. SHEARING STRENGTH OF WELDED CROSS WIRE SHALL BE MINIMUM 50% OF THE YIELD STRENGTH OF THE MAIN BAR.

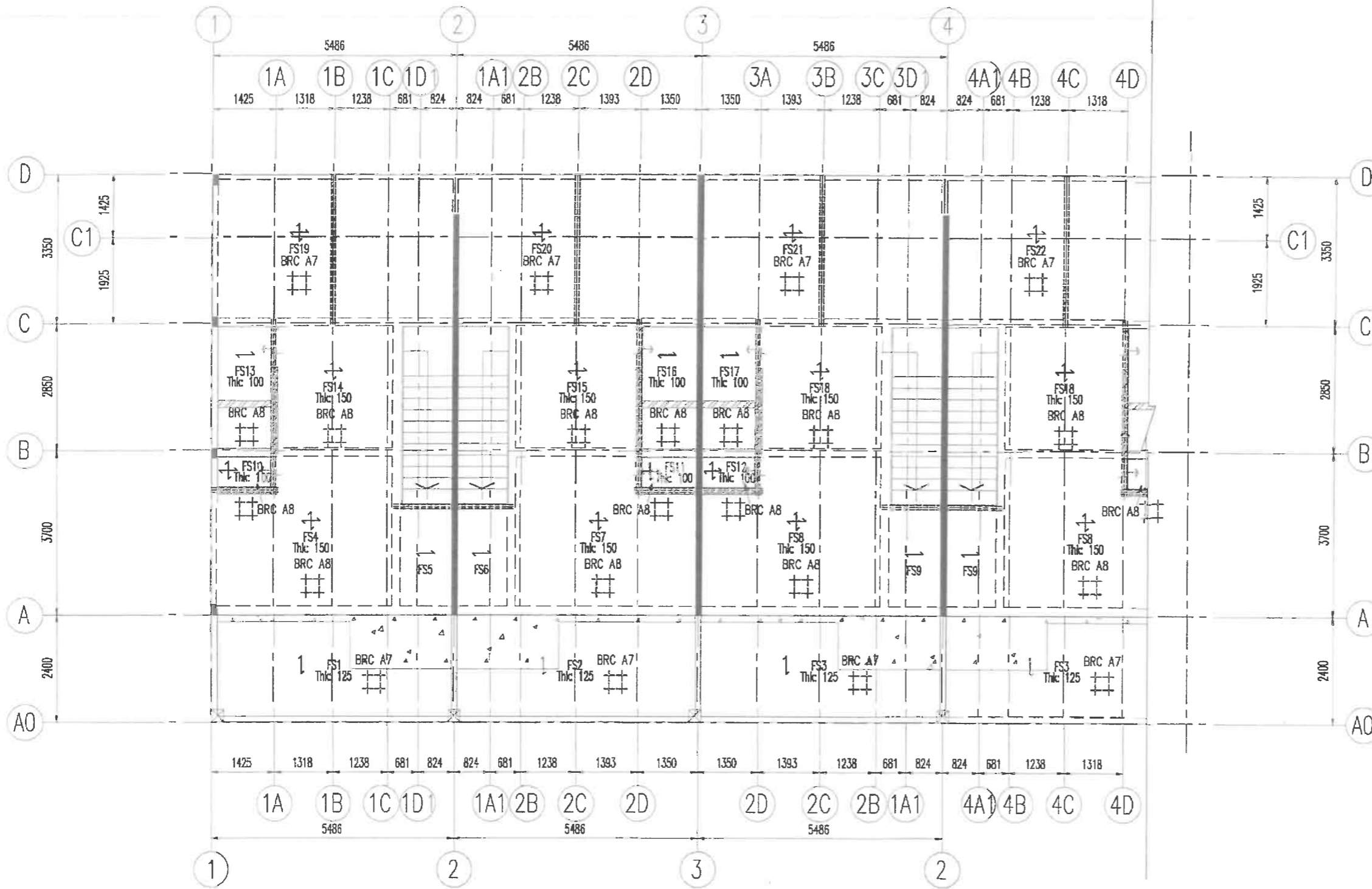
FIRST FLOOR TOP REINFORCEMENT PLAN

All slab thickness to be 125mm thk. u.n.o

JAN 2023
**APPENDED DRAWING
 FOR CONSTRUCTION**

Reinforced concrete grade 30 for shear wall, first floor slab and beam
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REFERENCE	MAIN WIRE		CROSS WIRE	
	SIZE (mm)	SPACING (mm)	SIZE (mm)	SPACING (mm)
BRC A7	7	200 c/c	7	200 c/c
BRC A8	8	200 c/c	8	200 c/c
BRC A10	10	200 c/c	10	200 c/c

FULL SPEC. BRC TABLE



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- SHEARING STRENGTH OF WELDED CROSS WIRE SHALL BE MINIMUM 50% OF THE YIELD STRENGTH OF THE MAIN BAR.

FIRST FLOOR BOTTOM REINFORCEMENT PLAN

All slab thickness to be 125mm thk. u.n.o

15 JAN 2023
 APPENDED DRAWING
 FOR CONSTRUCTION

Reinforced concrete grade 30 for shear wall, first floor slab and beam

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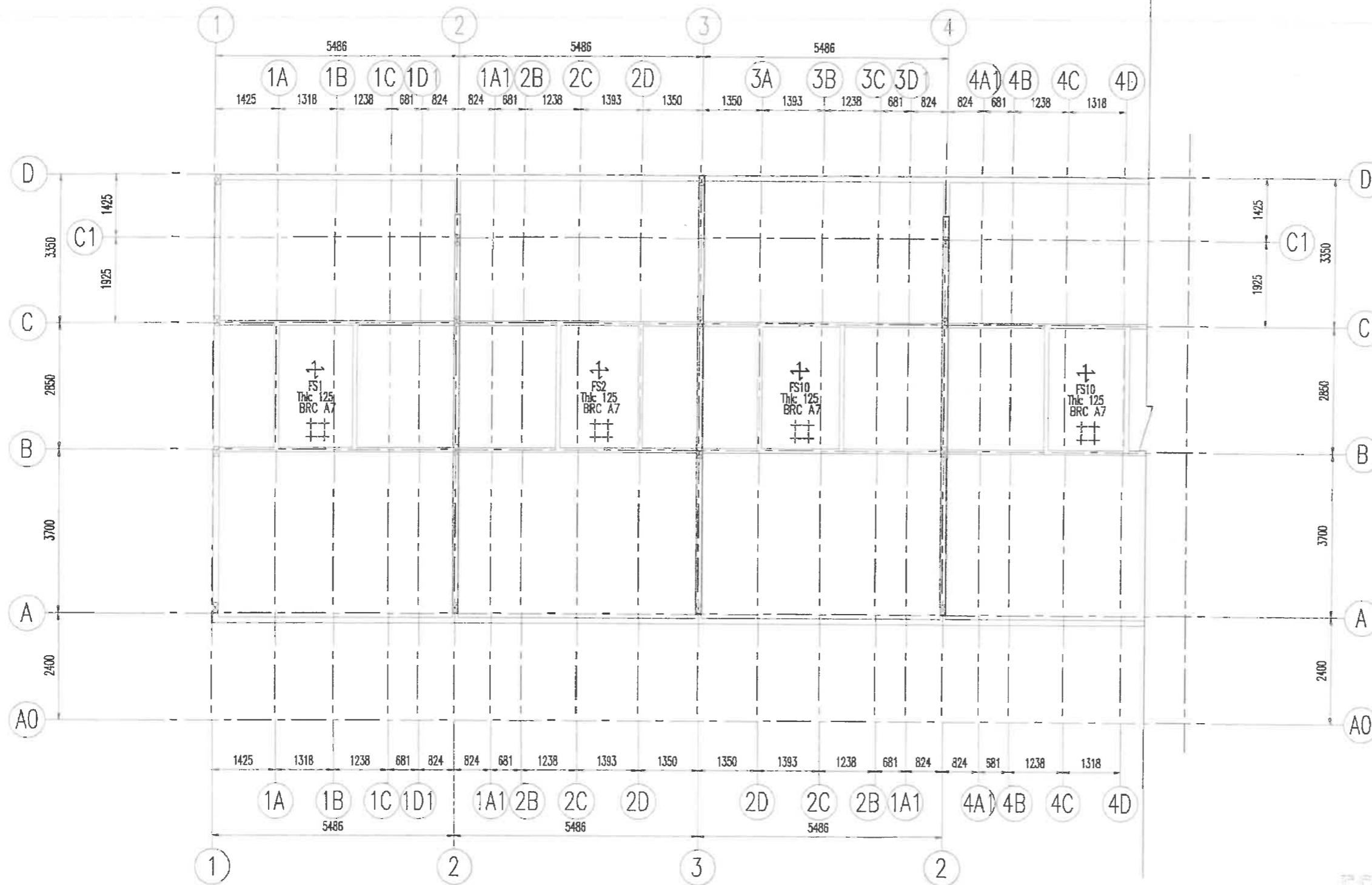
0189:-
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 TEL/FAX : 06-3358708, 06-3363913
 E-mail : mccallum@.mail.com

PROJEK PERBAHARUAN PELAN BANGUNAN DENGAN AKTA 133, BAGI TUJUAN CADANGAN PELAN PINDAAN KEPADA PELAN YANG DILULUSKAN PADA 03 MAR 2022 MELALUI RUKUNGAN PELAN KELULUSAN MPJ/RKB/1000-01-09/186(P)(2021) YANG MENGANDUNGI CADANGAN PERBAHARUAN BERGAMBAR DI ADAS LOT 27069 (PAMMILIK TANAH GRN 61299), MUKIM AYER PAWAS, DAERAH JASIN, MELAKA. UNTUK TETUAN SCENTEX HEIGHTS SDN. BHD.
 MENGENA: FASA 1A2
 RUMAH TERES 2 TINGKAT (18' x 65') 231 UNIT
 PENCAMWANG ELEKTRIK TNB 3 UNIT

Tajuk Lukisan : FIRST FLOOR BOTTOM REINFORCEMENT PLAN
 No. Lukisan : 1219/S/678/DSB/PR-6



REFERENCE	MAIN WIRE		CROSS WIRE	
	SIZE (mm)	SPACING (mm)	SIZE (mm)	SPACING (mm)
BRC A7	7	200 c/c	7	200 c/c
BRC A8	8	200 c/c	8	200 c/c
BRC A10	10	200 c/c	10	200 c/c

FULL SPEC. BRC TABLE



TYPICAL BRC LAPPING WITH CROSS WIRE

NOTE : BRC LAPPING WITHOUT CROSS WIRE IS 70 TIMES BAR DIAMETER NOTES ON BRC REINFORCEMENT :

1. ALL LAPPING OF BRC MESH REINFORCEMENT SHALL BE FULL YIELD LAP, UNLESS OTHERWISE INDICATED. EXCEPT FOR DISTRIBUTION STEEL OF BOTTOM MESH REINFORCEMENT WHICH SHALL BE HALF YIELD LAP. FULL YIELD LAP SHALL BE DEFINED AS LAPPING OVER A LENGTH OF 2 WELDS PLUS 50mm.
2. SHEARING STRENGTH OF WELDED CROSS WIRE SHALL BE MINIMUM 50% OF THE YIELD STRENGTH OF THE MAIN BAR.

ROOF TOP & BOTTOM REINFORCEMENT PLAN

All slab thickness to be 125mm thk. u.n.o

T^o JAN 2023
 AMENDED DRAWING
 FOR CONSTRUCTION

Reinforced concrete grade 30 for shear wall, first floor slab and beam
 This drawing is copyright
 This drawing or any part of it shall not be reproduced in any form without the written permission of the engineer.
 Contractor must check All Dimensions on site. Any discrepancies must be reported immediately to the engineer before proceeding.

Ruj.	Tarikh	Pindaan	Ditukás

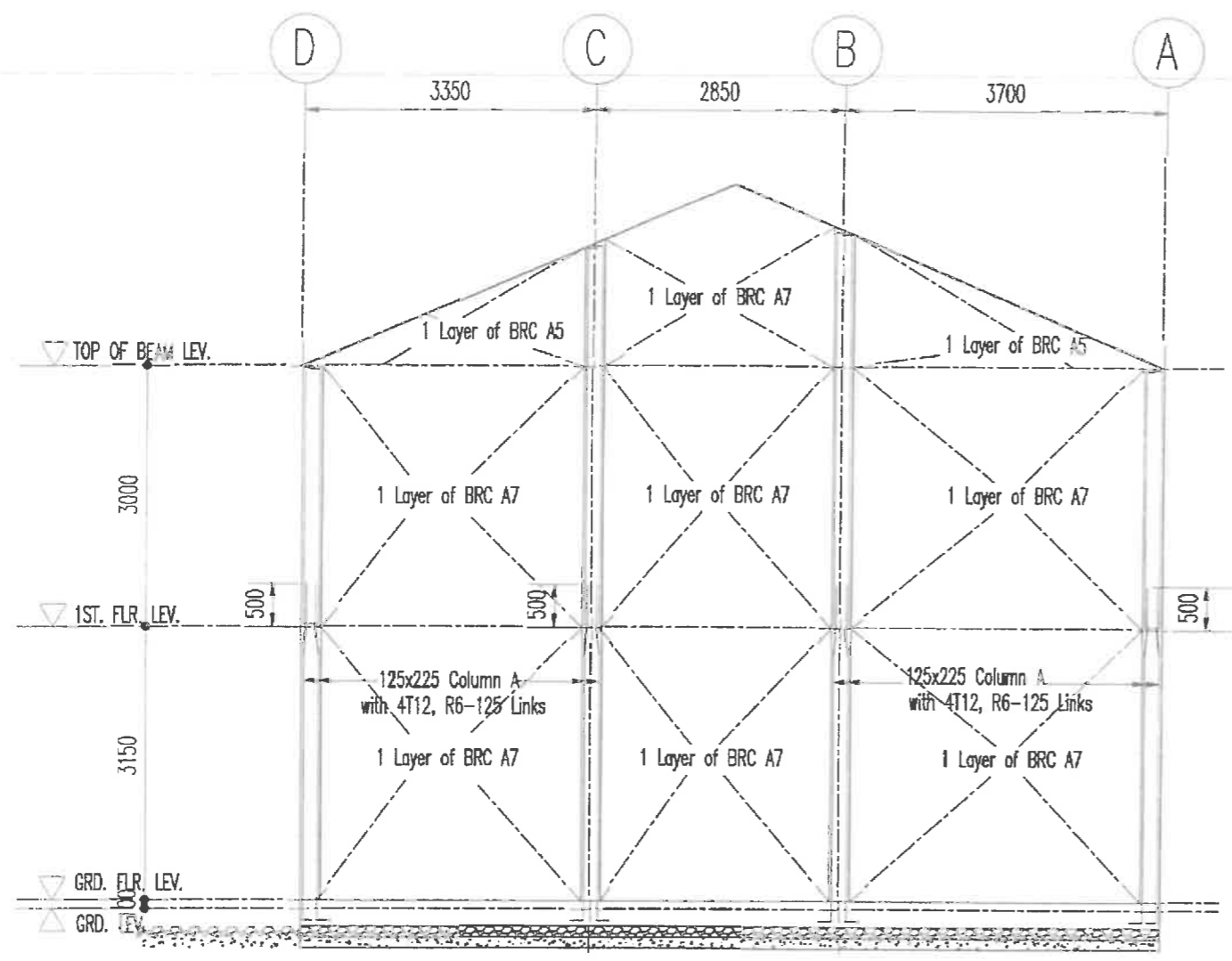
Notes:-
 1) Contractor shall verify all dimensions and should not be obtained from scaling of drawings. Any discrepancies shall be notified immediately to the engineer before commencing work.
 2) These Drawings shall be read in conjunction with the architectural drawings, specifications or any other site instructions. Any discrepancies shall be notified immediately to the engineer before commencing work.

Pereka : WYTan
 Disemak oleh : NWS
 Skala : 1:100
 Ditukás oleh : TTW
 Tarikh : NOV. 2018

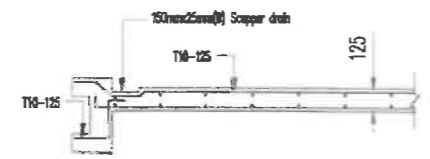
McCallum C&S Consultancy
 Civil Structural (MA0235010-U)
 (Formerly known as McCallum Engineering Consultant)
 No. 25 & 25-1, JALAN ABADI 21, TAMAN MALIM JAYA, 75250 MELAKA.
 TEL/FAX : 06-3358708, 06-3363913
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PROJEK: PERMOHONAN PELAN BANGUNAN DI BAWAH AKTA 133, BAGI TUJUAN CADANGAN PELAN PINDAAN KEPADA PELAN YANG DILULUSKAN PADA 03 MAR 2022 MELALUI RUKUNAN PELAN KELULUSAN MPJ/MB/1000-01-09/106(P/2021) YANG MENGANDUNGI CADANGAN PEMBANGUNAN BERCAMPUR DI ATAS LOT 27069 (HAK MILIK TANAH GRN 61299), MUKIM AYER PAWAS, DAERAH JASIN, MELAKA. UNTUK TETUAN SCIENTEX HEIGHTS SDN. BHD.
 MENGENA: FASA 1A2
 RUMAH TERES 2 TINGKAT (18' x 65') 231 UNIT
 PENCAHANG ELEKTRIK TMB 3 UNIT

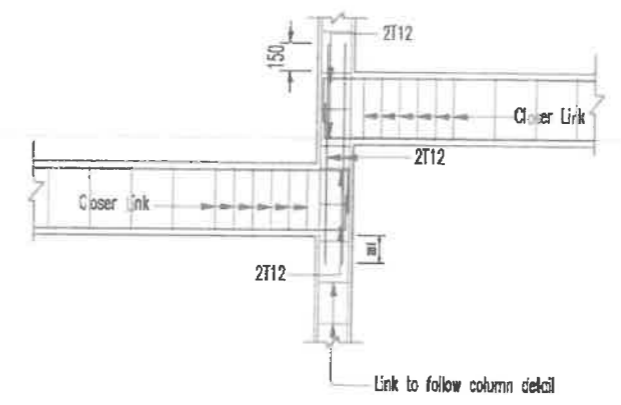
Tajuk Lukisan : ROOF TOP & BOTTOM REINFORCEMENT PLAN
 No. Lukisan : 1219/S/678/DSB/PR-7



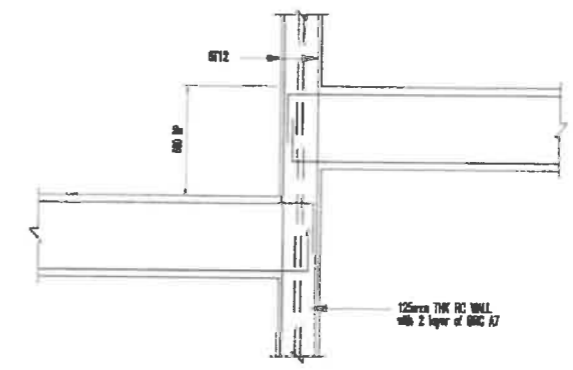
TYPICAL ADDITIONAL REBAR DETAILS FOR RC SHEAR WALL



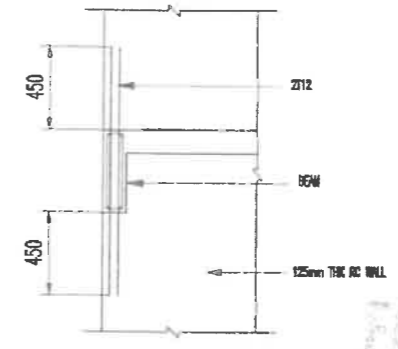
SCUPPER DRAIN DETAIL



TYPICAL COLUMN/BEAM CONNECTION DETAILS FOR SPLIT LEVEL



TYPICAL WALL/BEAM CONNECTION DETAILS FOR SPLIT LEVEL



TYPICAL WALL/BEAM CONNECTION DETAILS

27 JAN 2018
 AMENYAL BAWANG
 FOR CONSTRUCTION

Reinforced concrete grade 30 for shear wall, first floor slab and beam
 This drawing is copyright
 This drawing or any part of it shall not be reproduced in any form without the written permission of the engineer.
 Contractor must check All Dimensions on site. Any discrepancies must be reported immediately to the engineer before proceeding.

Ruj.	Tarikh	Pindaan	Dilukis

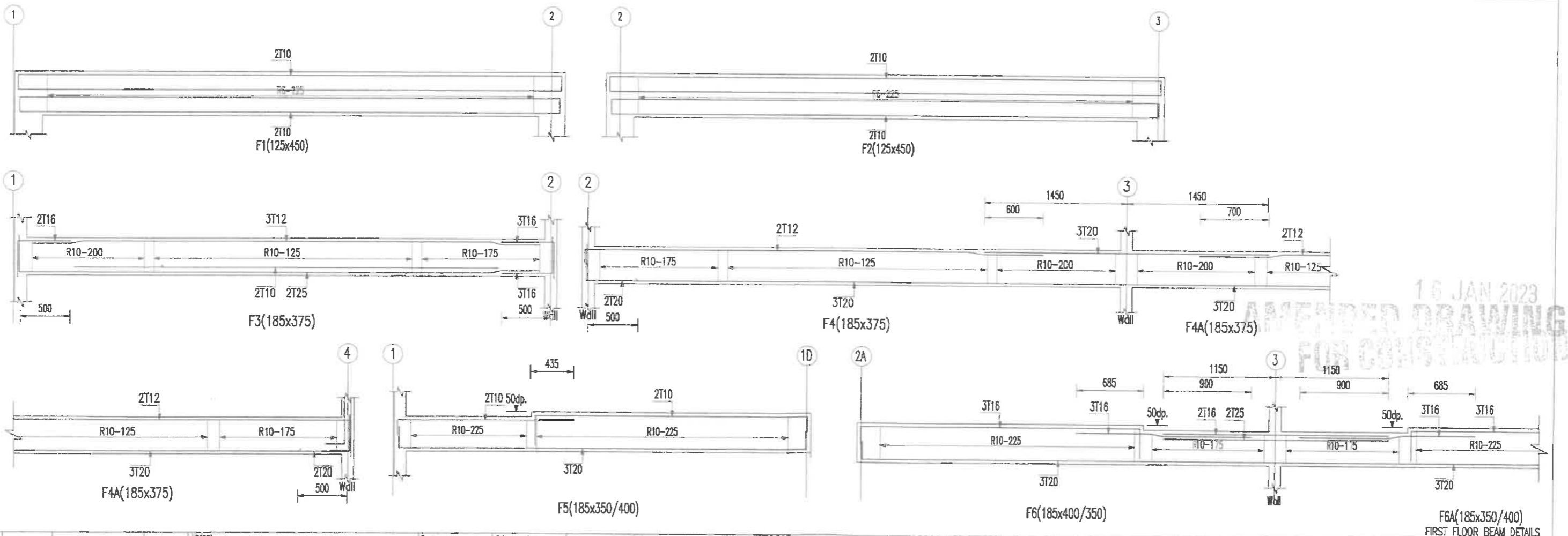
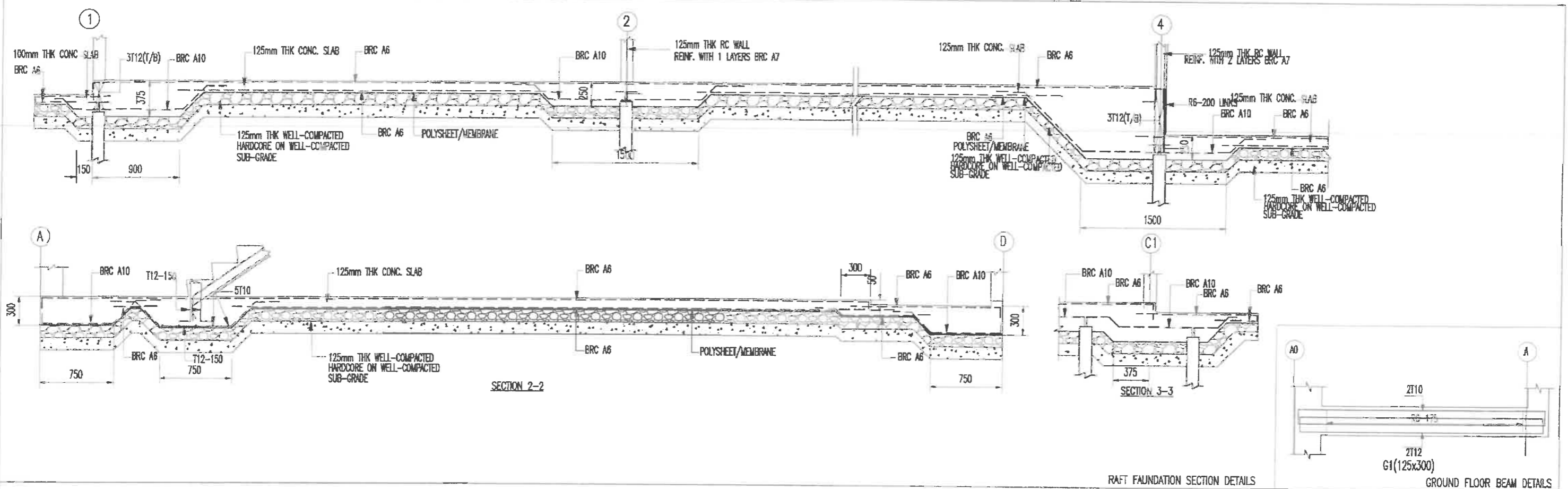
Notes:-
 1) Contractor shall verify all dimensions and should not be obtained from scaling of drawings. Any discrepancies shall be notified immediately to the engineer before commencing work.
 2) These Drawings shall be read in conjunction with the architectural drawings, specifications or any other site instructions. Any discrepancies shall be notified immediately to the engineer before commencing work.

Pereka : WYTan
 Disemak oleh : NWS
 Skala : 1:75
 Ditulis oleh : TTW
 Tarikh : NOV. 2018

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 TEL/FAX : 06-3358708, 06-3363913
 E-mail : mccallum@gmail.com

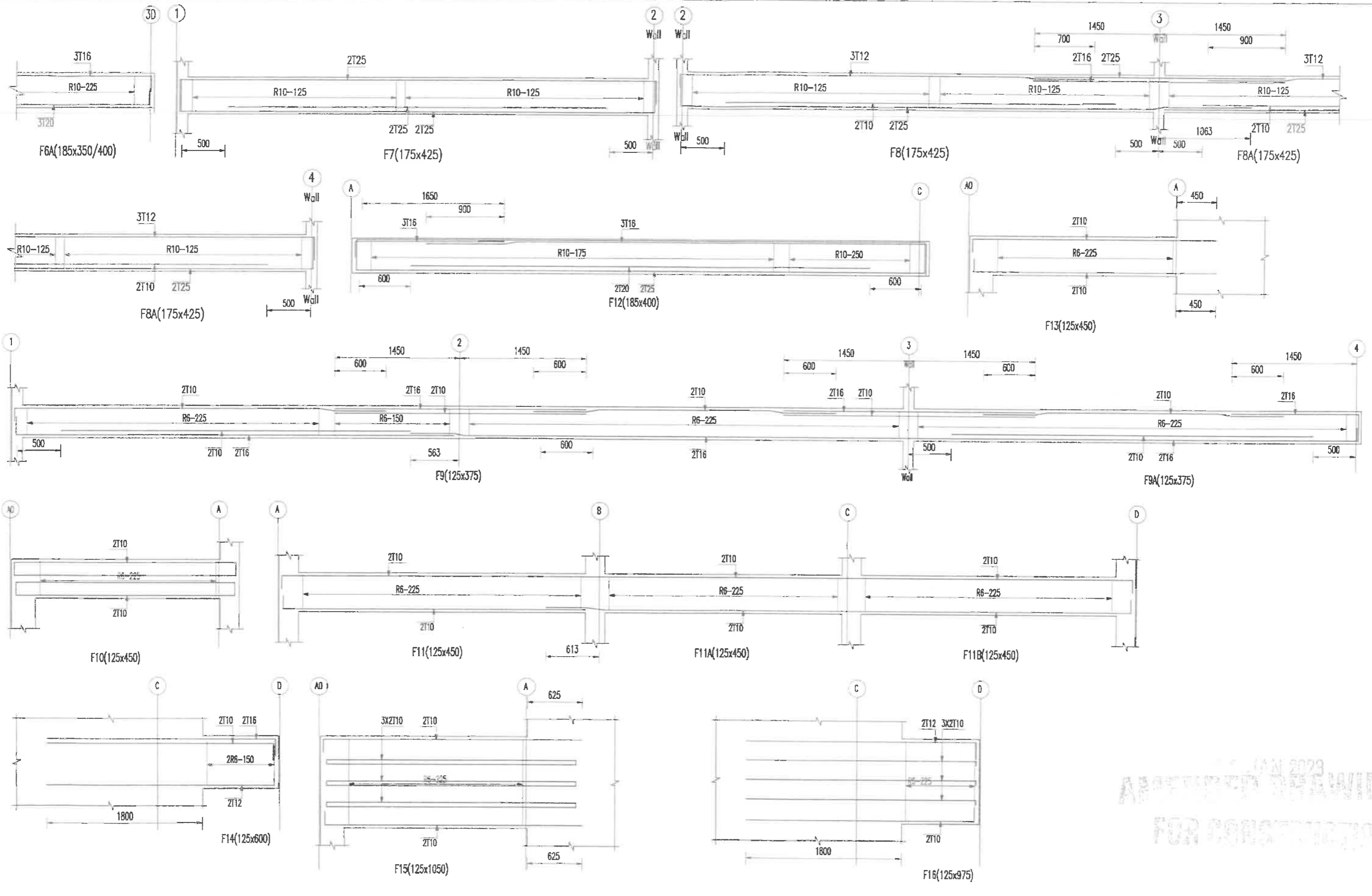
PROJEK: PERAKHIRAN PELAN BANGUNAN DAN/ATAH AKTA 133, BAGI TUJUAN CADANGAN PELAN PINDAAN KEPADA PELAN YANG DILULUSKAN PADA 03 MAR 2022 MELALUI RAJUKAN PELAN KELULUSAN MP1/MB/1000-01-09/186(P/2021) YANG MENGANDUNGI CADANGAN PEMBANGUNAN BERCAKUP DI ATAS LOT 27089 (MUKAH TAWAH GRN 61299), MUKIM AYER PAWS, DERAH JASRI, MELAKA UNTUK TERTUJUAN SCIENTEX HEIGHTS SUN. BHD.
 FASA 1A2
 RUMAH TERES 2 TINGKAT (18' x 85') ————— 231 UNIT
 PENCAHANG ELEKTRIK THB ————— 3 UNIT

Tajuk Lukisan : TYPICAL WALL CONNECTION DETAILS
 No. Lukisan : 1219/S/678/DSB/PR-8



Ruj.	Tarikh	Pindaan	Dilukis	Notes:- 1) Contractor shall verify all dimensions and should not be obtained from scaling of drawings. Any discrepancies shall be notified immediately to the engineer before commencing work. 2) These Drawings shall be read in conjunction with the architectural drawings, specifications or any other site instructions. Any discrepancies shall be notified immediately to the engineer before commencing work.	Pereka : WYTan Disemok oleh : NWS Skala : 1:40	Dilukis oleh : TTW Tarikh : MAY. 2017	<p>McCallum McCallum C&S Consultancy Civil Structural (M40235010-U) (Formerly known as McCallum Engineering Consultant)</p> <p>No. 25 & 25-1, JALAN ABADI 21, TAMAN MALIM JAYA, 75250 MELAKA. TEL/FAX : 06-3358708, 06-3363913 E-mail : mccallum@mail.com</p>	<p>PROJEK: PERMODAHAN PELAN BANGUNAN DENGAN AKTA 133, BINA TUJUAN CADANGAN PELAN PINDAH KEPADA PELAN YANG DILULUSKAN PADA 03 MAR 2022 MELALUI RAJUKAN PELAN KELULUSAN MP4/MS/1000-01-09/188(P)(2021) YANG MENANDUNGI CADANGAN PEMBANGUNAN BERGAMPUT DI ATAS LOT 27069 (MAMUK TAMB GRN 61290), MUKAH AYER PAWAS, DAERAH JASIN, MELAKA UNTUK TELUK SCIENTEX HEIGHTS SEM. BHD.</p> <p>EASA JAZZ RUMAH TERES 2 TINGKAT (18' x 65') ——— 231 UNIT PENCAHANG ELEKTRIK TIB ——— 3 UNIT</p>	<p>Tajuk Lukisan : RAFT FOUNDATION SECTION DETAILS FIRST FLOOR BEAM DETAILS</p> <p>No. Lukisan : 1219/S/678/DSB/PR-9</p>
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16 JAN 2023
AMENDED DRAWING
FOR CONSTRUCTION



15 JAN 2023
 APPROVED FOR CONSTRUCTION

Ruj.	Tarikh	Pindaan	Dilukis

1) Contractor shall verify all dimensions and should not be obtained from scaling of drawings. Any discrepancies shall be notified immediately to the engineer before commencing work.
 2) These Drawings shall be read in conjunction with the architectural drawings, specifications or any other site instructions. Any discrepancies shall be notified immediately to the engineer before commencing work.

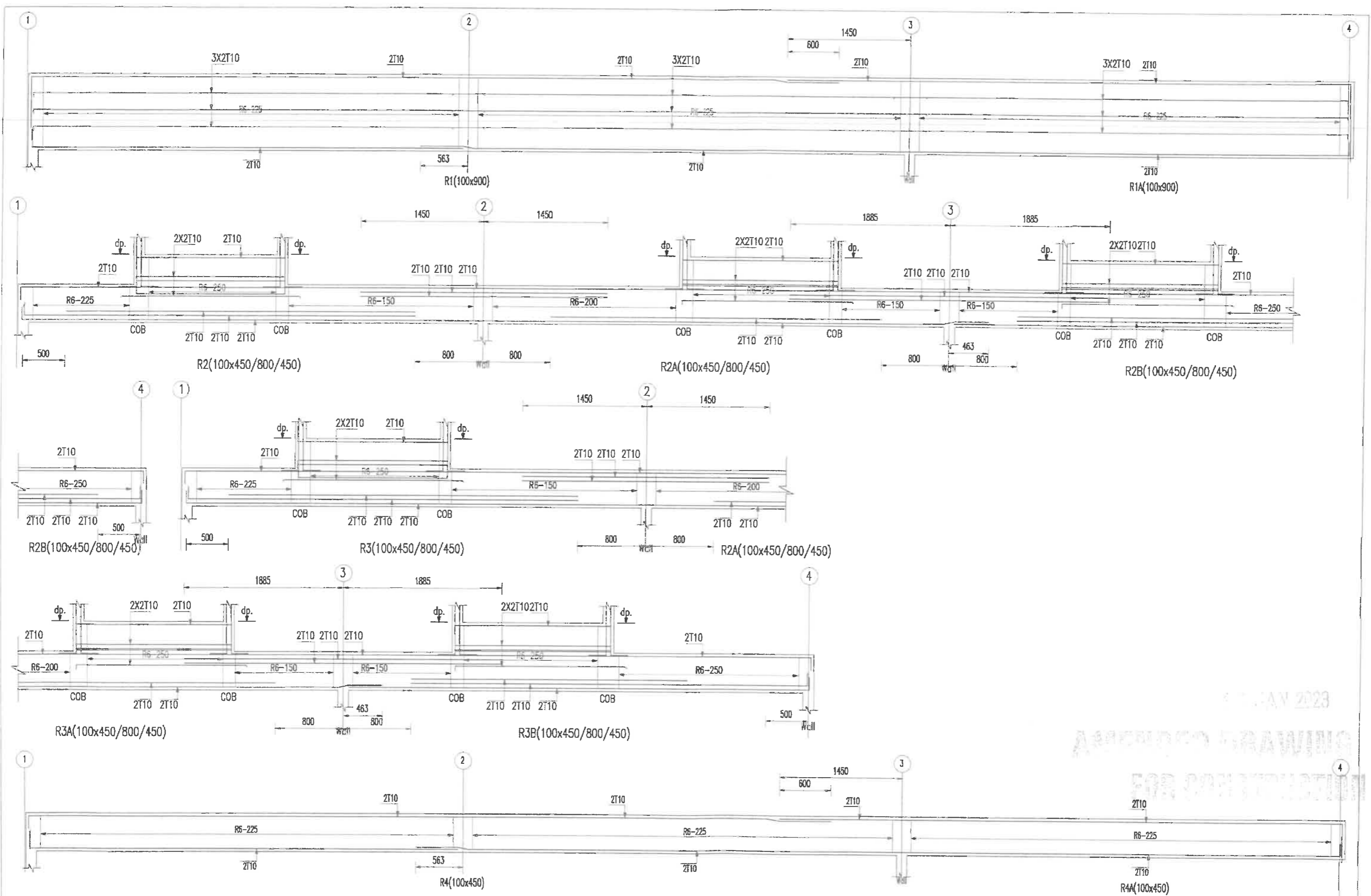
Peraka : WYTan
 Disemak oleh : NWS
 Skala : 1:40

Dilukis oleh : TIW
 Tarikh : MAY. 2017

McCallum McCallum C&S Consultancy
 Civil Structural (M0235010-U)
 (Formerly known as McCallum Engineering Consultant)
 No. 25 & 25-1, JALAN ABADI 21, TAMAN MALIM JAYA, 75250 MELAKA.
 TEL/FAX : 06-3358708, 06-3363913
 E-mail : mccalum@mc.com

PROJEK: PERMOHONAN PELAN BANGUNAN DIBAWAH AJKA 133, BAGI TUJUAN CADANGAN PELAN PINDAH KEPADA PELAN YANG DILULUSKAN PADA 03 MAR 2022 MELALUI RUKUN PELAN KELULUSAN MPJ/MR/1000-01-09/106(P)(2022) YANG MENGANDUNGI CADANGAN PEMBANGUNAN BERCAKUP DI AJAS LOT 27069 (BANGKIL TANAH GRM 61299), MUKIM AYER PAWAS, NEBAH JASIN, MELAKA. UNTUK TUJUAN SCENEX HEIGHTS SDN. BHD. MENANGKALING.
 ERSK 1A2:
 RUMAH PERES 2 TINGKAT (18' X 65') ----- 231 UNIT
 PENCAHANG ELEKTRIK TMB ----- 3 UNIT

Tajuk Lukisan : FIRST FLOOR BEAM DETAILS
 No. Lukisan : 1219/S/678/DSB/PR-10



12 JAN 2023
 APPROVED DRAWING
 FOR CONSTRUCTION

Ruj.	Tanah	Pindaan	Dilukis

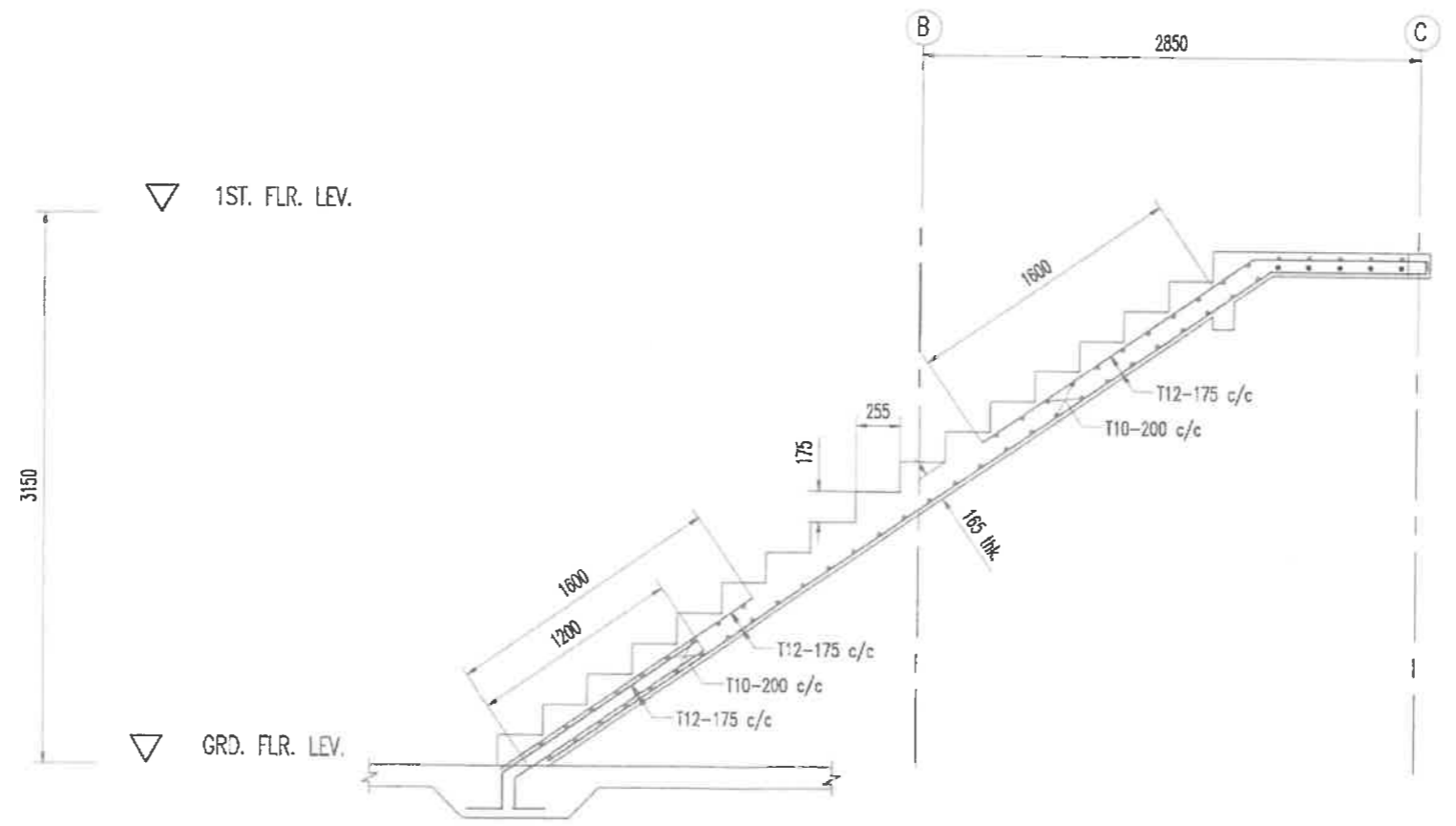
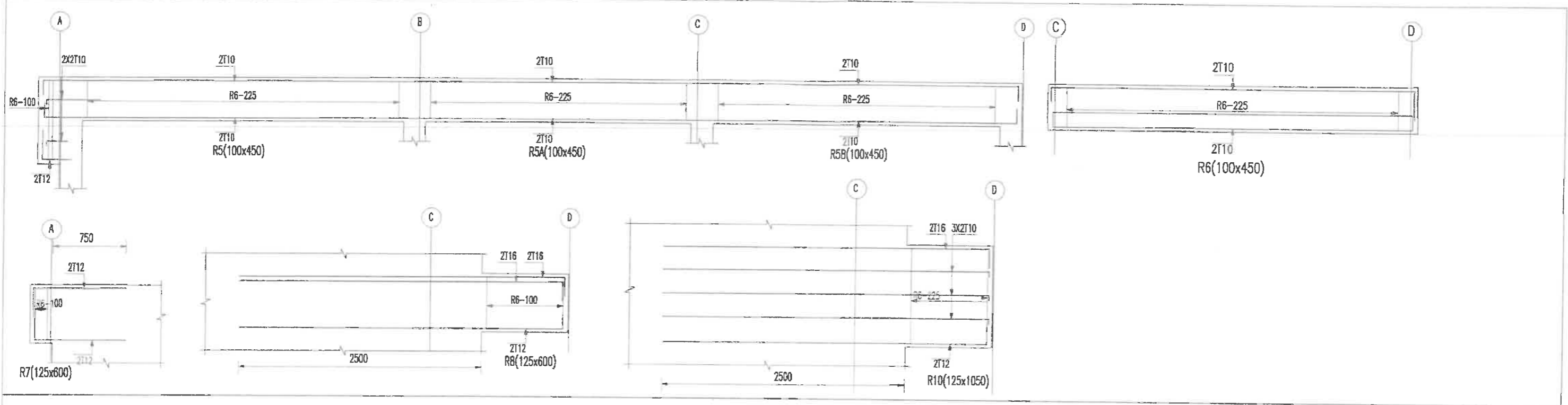
Notes:-
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Pereka : WYTan
 Disemak oleh : NWS
 Skala : 1:40
 Dilukis oleh : TTW
 Tarikh : MAY. 2017

Malim McCallum C&S Consultancy
 Civil Structural (MA0235010-U)
 (Formerly known as McCallum Engineering Consultant)
 No. 25 & 25-1, JALAN ABADI 21, TAMAN MALIM JAYA, 75250 MELAKA.
 TEL/FAX : 06-3358708, 06-3363913
 E-mail : mccallum@malim.com

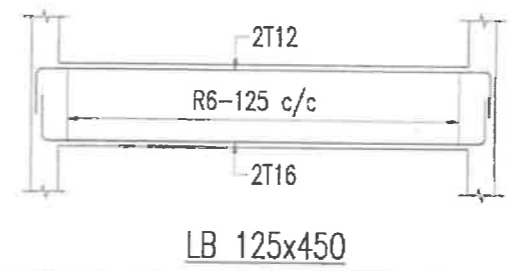
PROJEK: PERKHIDMATAN PELAN BANGUNAN DEBDAH AKTA 133, BNGI TUJUAN CADANGAN PELAN PINDAAN KEPADA PELAN YANG DILUJUSKAN PADA 03 MAR 2022 MELALUI RAJURAH PELAN KELULUSAN MP4/AR/1000-01-09/186(P)(2021) YANG MENDAMUHI CADANGAN PEMBANGUNAN BERCAKUP DI AWAS LOT 27069 (HAWLIK TANAH GRN 51299), MUKIM AYER PAHAS, DERAH JASIN, MELAKA UNTUK TETUAN SCIENTEX HEIGHTS SDN. BHD.
 MENGENAL: FASA 1A2
 RUMAH TERES 2 TINGKAT (18' x 65') ----- 231 UNIT
 PENCAHANG ELEKTRIK TNB ----- 3 UNIT

Tajuk Lukisan : ROOF BEAM DETAILS
 No. Lukisan : 1219/S/678/DSB/PR-11



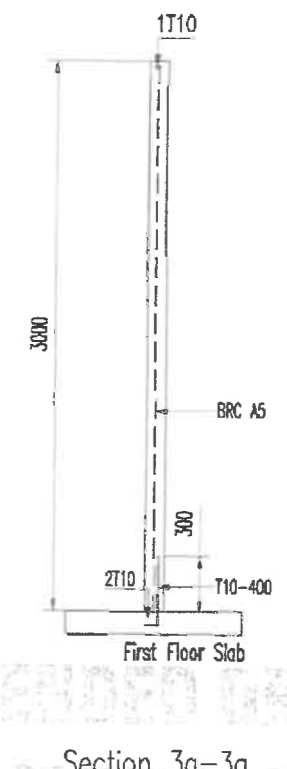
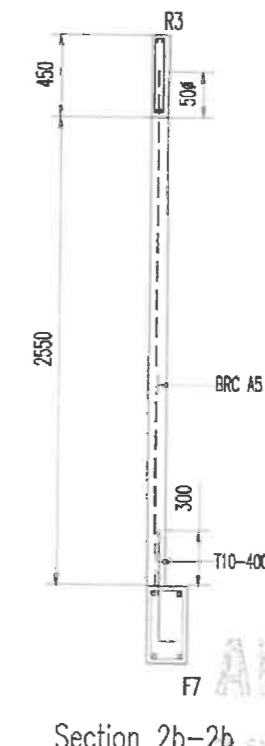
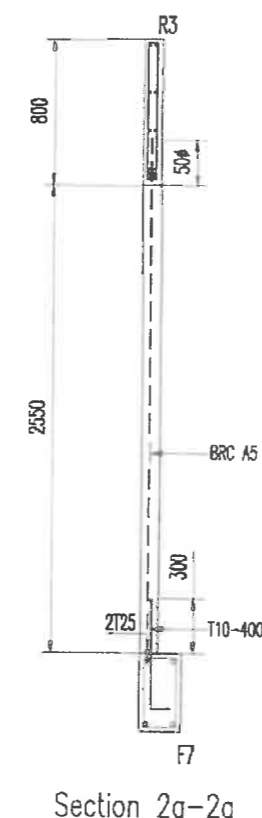
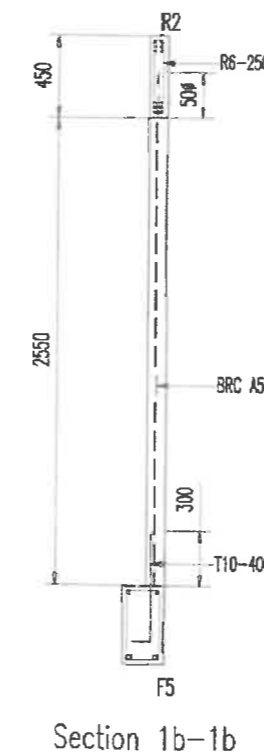
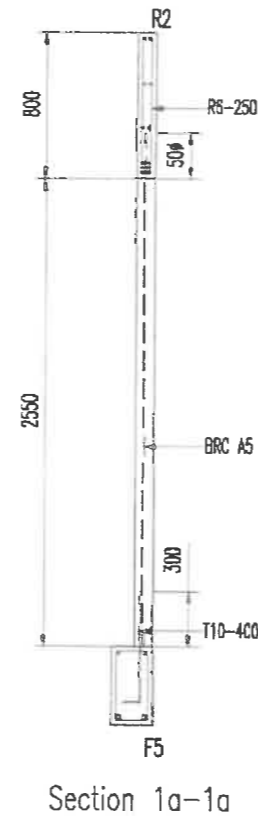
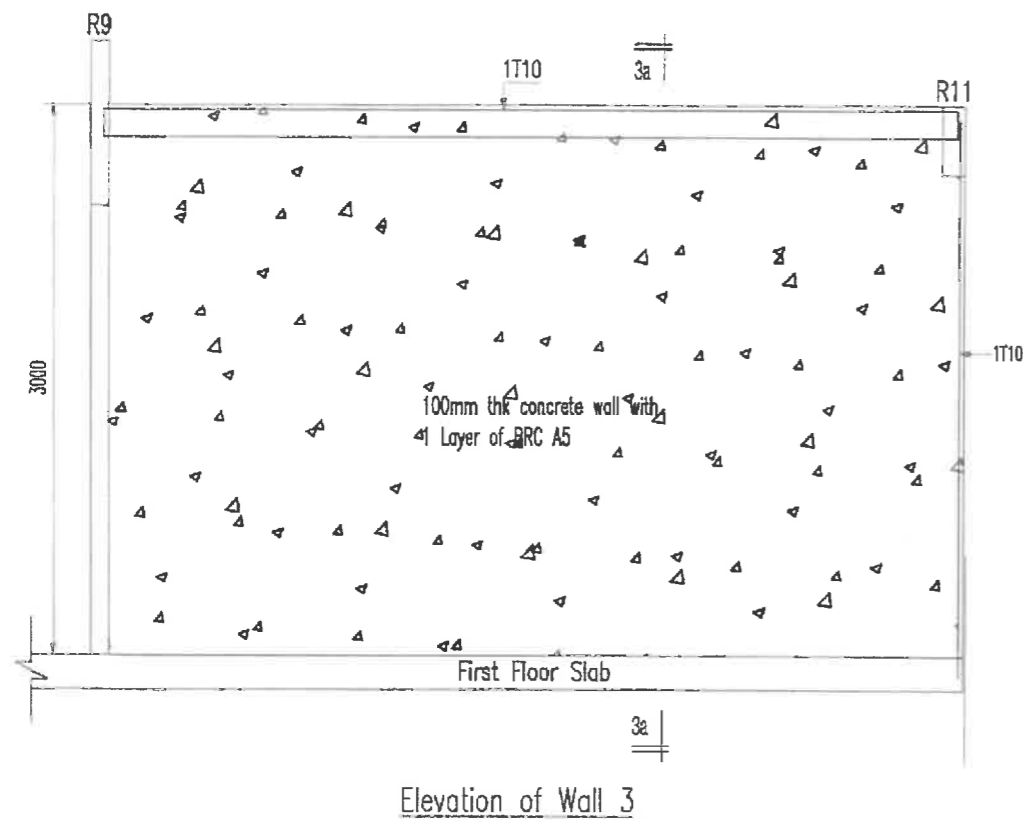
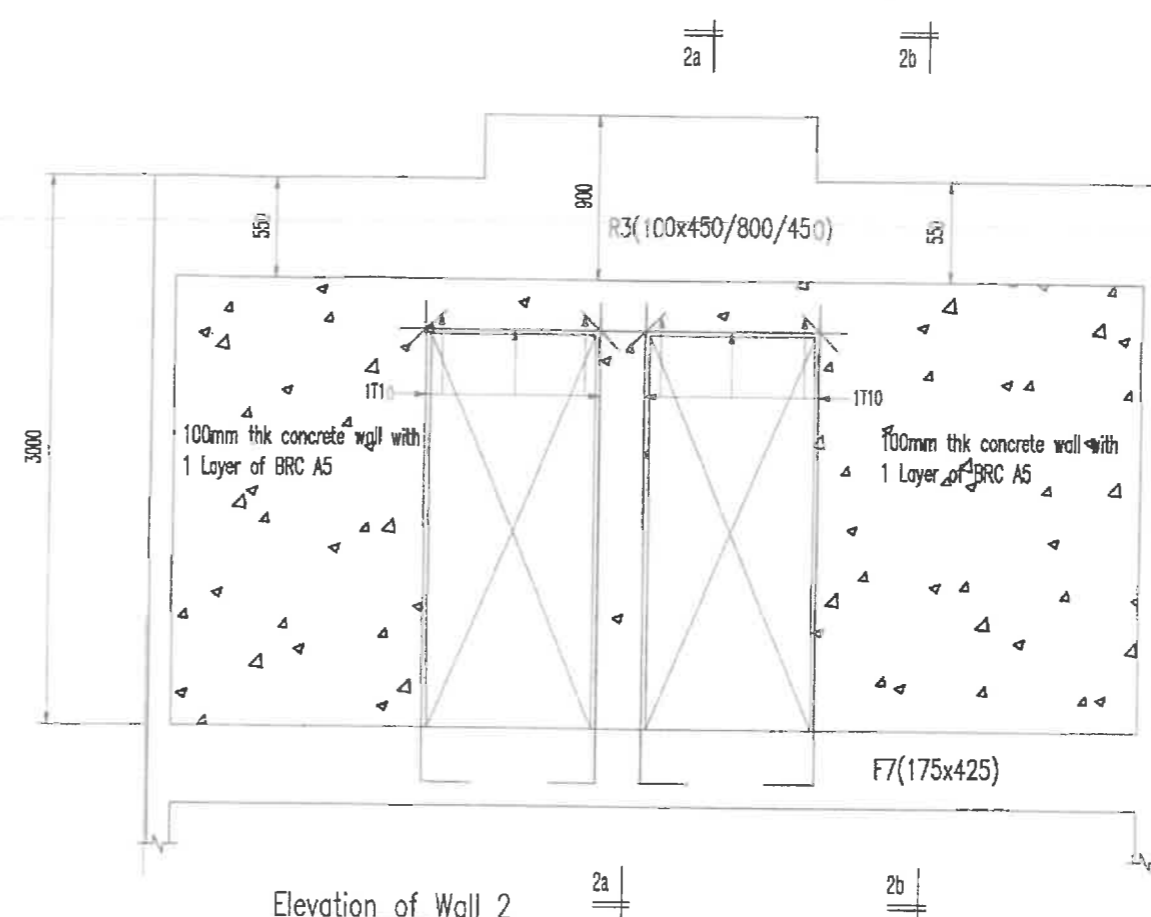
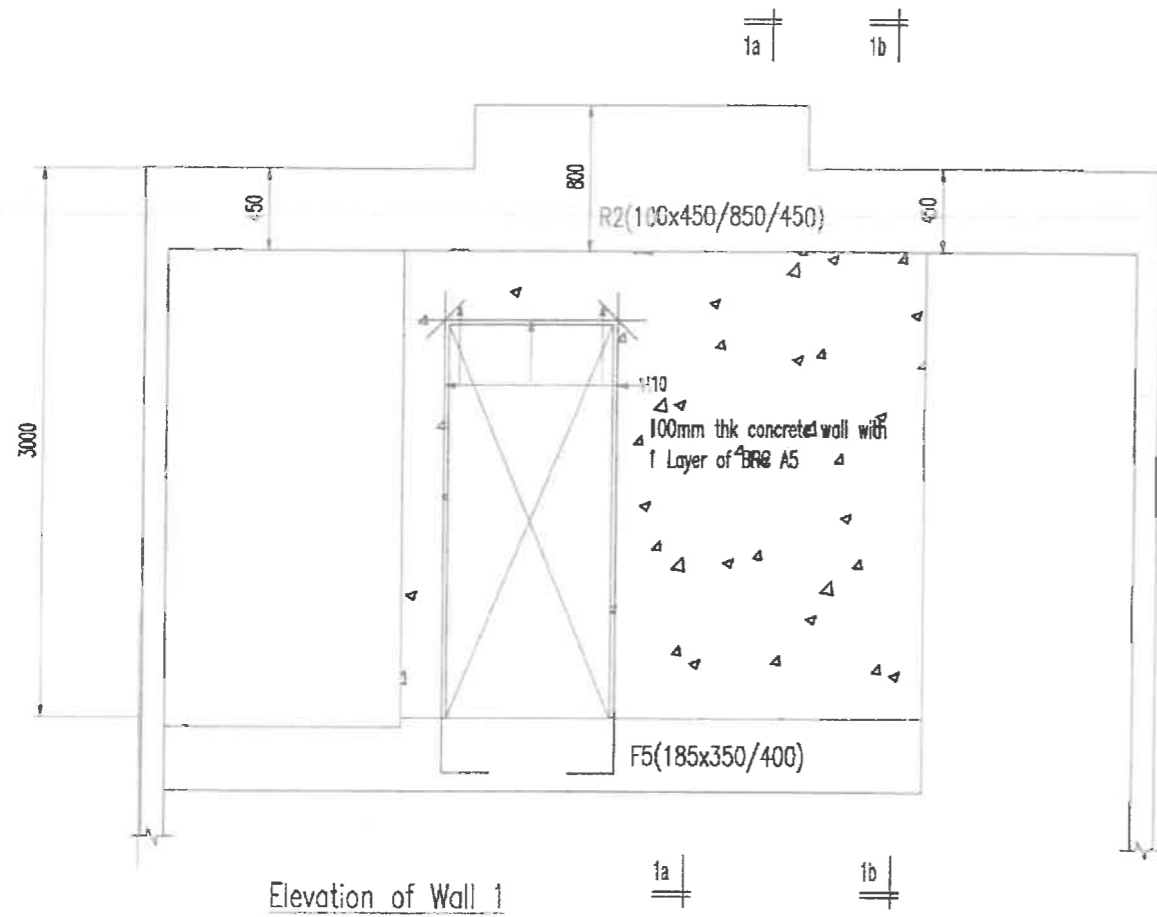
STAIRCASE SECTION DETAILS

- NOTE :-**
1. STAIRCASE SETTING OUT REFER TO ARCHITECT DRAWINGS
 2. STRUCTURAL STAIRCASE SHOWN WAISE & REINFORCEMENT STEEL BARS ONLY.
 3. STAIRCASE HEIGHT, TREAT & RISER REFER TO ARCHITECT DRAWINGS
- 's' denotes 125 x 125 r.c. stiffener with 4T12 & R6-125 c/c (stop at staircase level)



17 JAN 2023
**AMENDED DRAWING
 FOR CONSTRUCTION**

Ruj.	Tarikh	Pindaan	Ditulis	Notes:- 1) Contractor shall verify all dimensions and should not be obtained from scaling of drawings. Any discrepancies shall be notified immediately to the engineer before commencing work. 2) These Drawings shall be read in conjunction with the architectural drawings, specifications or any other site instructions. Any discrepancies shall be notified immediately to the engineer before commencing work.	Pereka : WYTan Disemak oleh : MWS Skala : 1:40	Dilukis oleh : TTW Tarikh : MAY. 2017	McCallum C&S Consultancy CS&S Structural (MA0235010-U) (Formerly known as McCallum Engineering Consultant) No. 25 & 25-1, JALAN ABADI 21, TAMAN MALIM JAYA, 75250 MELAKA. TEL/FAX : 06-3358708, 06-3363913 E-mail : mccallum@ mail.com	PROJEK: PERMOHONAN PELAN BANGUNAN DAN/ATAH AKTA 1.33, BAGI TUJUAN CADANGAN PELAN PINDAAN KEPADA PELAN YANG DILULUSKAN PHOA 03 MAR 2022 MELALUI RILAKKAN PELAN KELULUSAN MPJ/ANB/1000-01-09/106(P/2021) YANG MENDAMPUNGI CADANGAN PEMBANGUNAN BERGAMPU DI ATAS LOT 27069 (WAKILUK TANAH GRH 61299), WILAYAH AYER PAHAW, DAERAH JASIN, MELAKA UNTUK TETAPAN SCIENTEX HEIGHTS SIKIL BHD. MENGENALAN: FASA 1A2: RUMAH TERES 2 TINGKAT (18' X 66') 231 UNIT PENCAHANG ELEKTRIK TMB 3 UNIT	Tajuk Lukisan : ROOF BEAM DETAILS & STAIRCASE SECTION DETAILS No. Lukisan : 1219/S/678/DSB/PR-12
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Ruj.	Tarikh	Pindaan	Dilukis

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 2) These Drawings shall be read in conjunction with the architectural drawings, specifications or any other site instructions. Any discrepancies shall be notified immediately to the engineer before commencing work.

Pereka :
 WYTan
 Disemak oleh :
 NWS
 Skala :
 1:40

Dilukis oleh :
 TTW
 Tarikh :
 APRIL 2022

McCallum C&S Consultancy
 Civil Structural (MAD235010-U)
 (Formerly known as McCallum Engineering Consultant)
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 E-mail : mccallum@mcmail.com

PROJEK: PERBAHARUAN PELAN BANGUNAN DAN/ATAU AKTA 133, SAKSI TUJUAN CADANGAN PELAN PINDAAN KEPADA PELAN YANG DILUJUSKAN PADA 03 MAR 2022 MELALUI RUMAH PELAN KELULUSAN MPJ/MB/1000-01-09/106(P/2021) YANG MENGANDUNGI CADANGAN PEMBANGUNAN BERGAMUP DI ADIS LOT 27069 (HAK MILIK TANAH GRN 61299), MUKIM AYER PAWS, DAERAH JASIN, MELAKA. LUKISAN TELAH SCIENTEX HEIGHTS SDN. BHD. MENYAHKAN.
 ESKA 142:
 RUMAH TERES 2 TINGKAT (18' X 65') 231 UNIT
 PENCAHANG ELEKTRIK TNB 3 UNIT

Tajuk Lukisan :
 CONCRETE WALL ELEVATIONS & SECTIONS

No. Lukisan :
 1219/S/678/DSA/PR-13