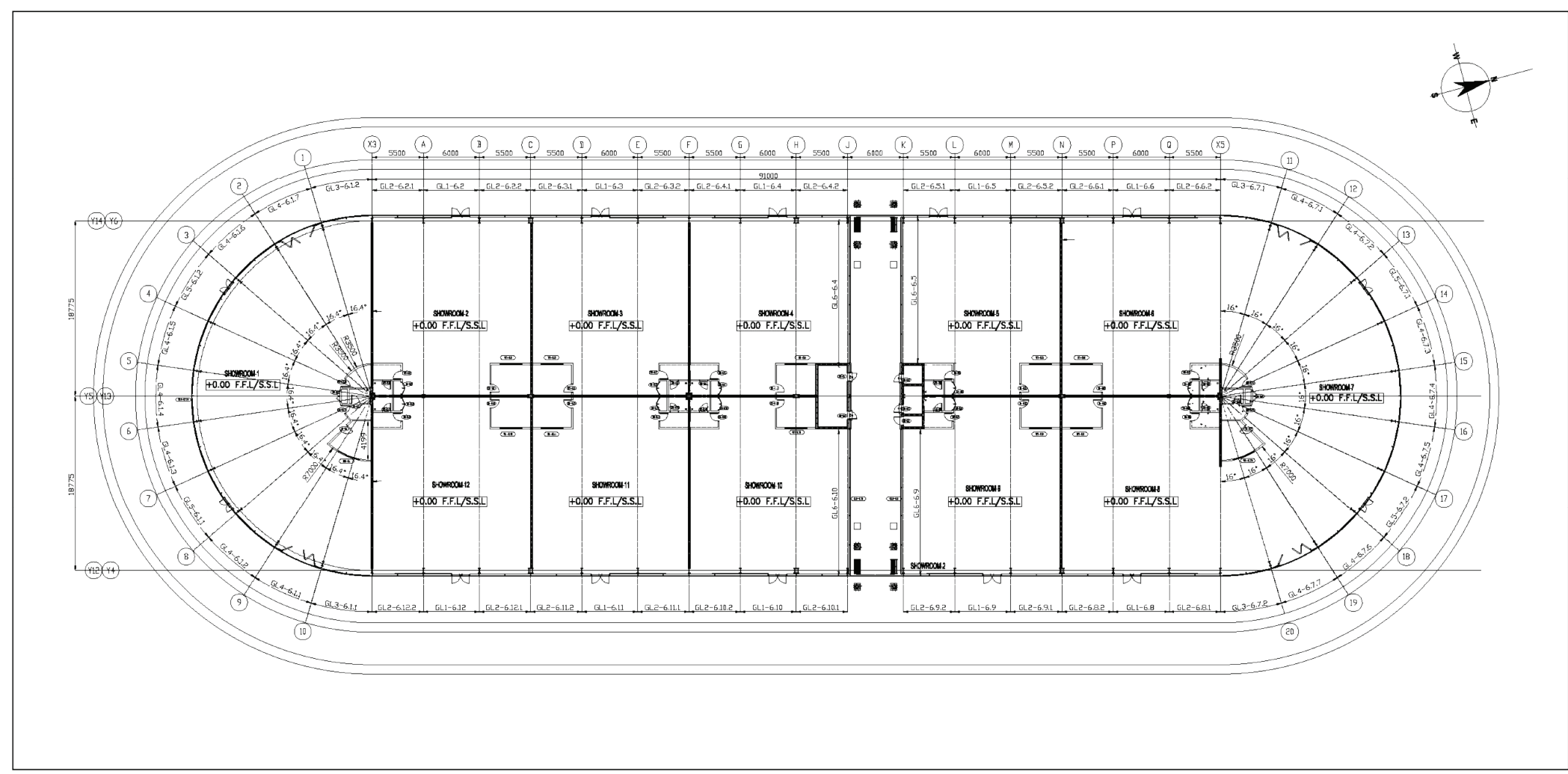


Build in Dubai
بلد دبي
المخططات المعمارية
إدارة تخطيط المباني

230324
6140305
420983-2-3



1 LAYOUT OF CURTAIN WALLS IN PAVILION 4
SCALE: 1:250

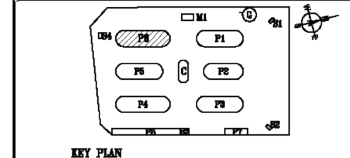


AS-BUILT DRAWING
CHECKED AND CERTIFIED BY
CONTRACTOR REPRESENTATIVE

SIGNATURE: _____ DATE: _____
NAME: _____

VERIFIED BY CONSULTANT REPRESENTATIVE

SIGNATURE: _____ DATE: _____
NAME: _____



CLIENT :
بلدية دبي
DUBAI MUNICIPALITY
(GENERAL PROJECTS DEPARTMENT)

PROJECT:
DUBAI MUNICIPALITY USED CAR
EXHIBITION CENTRE - PH
ON PLOT NO: 614 - 104
AT RAS AL-KHOR

CONSULTANT :
ROBERT MATTHEW, JOHNSON-MARSHALL
P.O. BOX 6126, DUBAI, U.A.E.
TEL : 3314120
FAX : 3314199

SEP-CONTRACTOR:
AL-GHAFLY GENERAL CONTRACTING W.L.L.
P.O. BOX 118738 DUBAI U.A.E.
TEL.04-3374300 FAX:04-3371853

PACKAGE CONTRACTOR:
ALLIANCE & ASSOCIATES CONTRACTORS
POLYCR-A-BRACH INDUSTRIAL CO. L.L.C.
P.O. BOX 118738 DUBAI U.A.E.
TEL.04-3374300 FAX:04-3371853

DRAWING TITLE:
LAYOUT OF CURTAIN WALLS IN
PAVILION 6

SCALE: 1:250 Date: 11/10/2007
SHEET: 1 OF 1 Drawn: PE Checked: PE/AT/01 Rev: 1

GENERAL NOTES:
1). THIS DRAWING IS THE PROPERTY OF MOHAMMED HASAN RAEES TECHNICAL SERVICES L.L.C , DUBAI. IT IS FORBIDDEN TO PRODUCE ITS CONTENTS IN ANY FORM, EXCEPT FOR THE PURPOSE WHICH IS INTENDED.
2). THIS DRAWING IS NOT TO BE SCALED THE STATED DIMENSIONS ONLY ARE TO BE CONSIDERED.

AREA DETAILS:
TOTAL AREA : SqM , SqFt

LEGENDS:
APPROVED

REVISIONS:

DATE	DESCRIPTIONS	SIGN

PROJECT LOCATION:
PLOT NO:6140305
RAS AL KHOR IND.3RD
DUBAI-UAE

CLIENT:
RAID USED CAR TRADING L.L.C

MAIN CONTRACTOR :

MOHAMMED HASAN RAEES
TECHNICAL SERVICES L.L.C

TITLE:
GROUND FLOOR PLAN

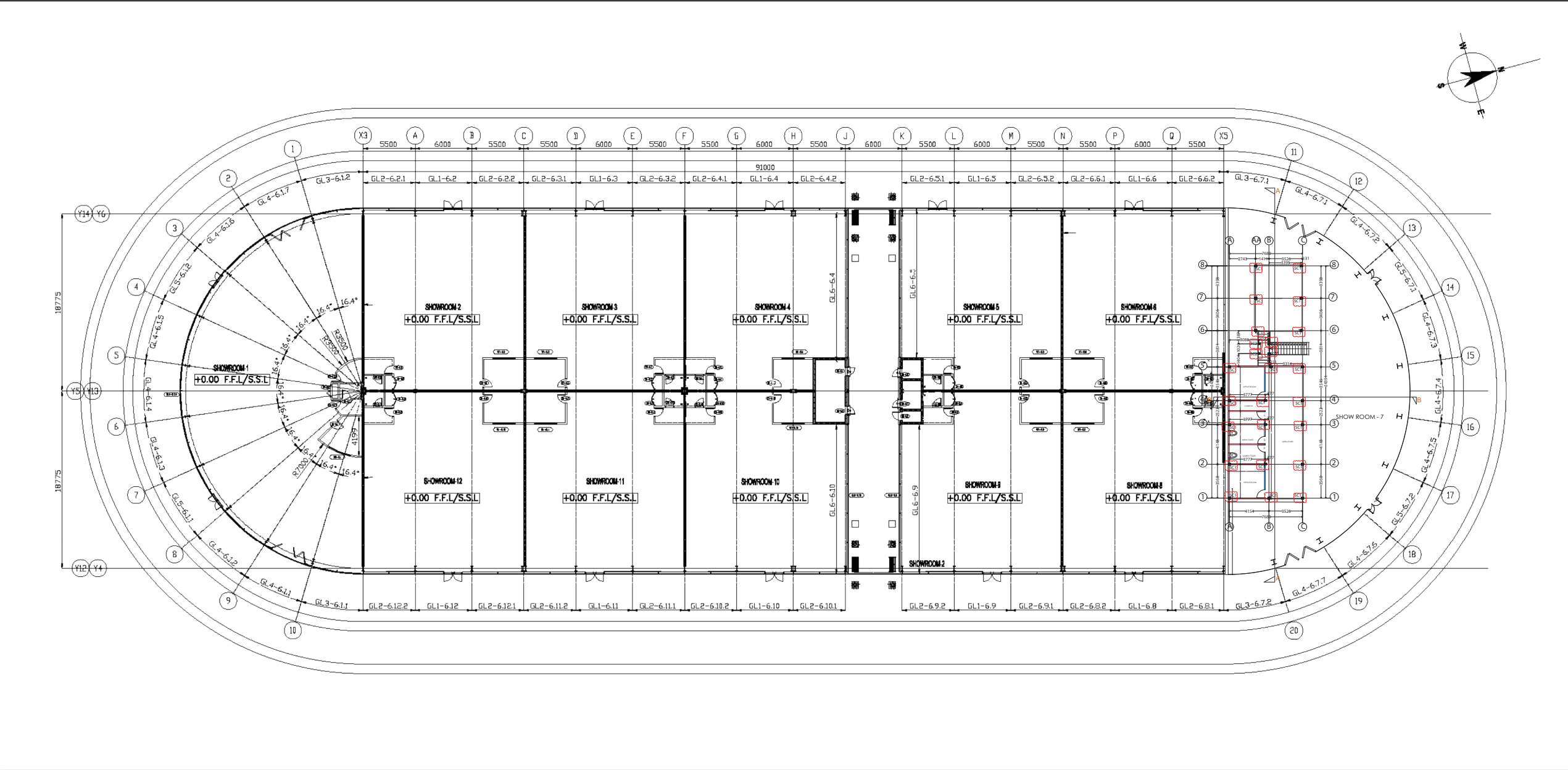
ARCHITECT	REG NO
STRUCTURE ENG.	REG NO
ELECTRICAL ENG.	
MECH. ENG.	

SHEET NO :	SCALE :	DATE :	05/03/2026
REVISION	DRAWN BY :	DATE :	
	CHECKED BY :	DATE :	

GENERAL NOTES:
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 2). THIS DRAWING IS NOT TO BE SCALED THE STATED DIMENSIONS ONLY ARE TO BE CONSIDERED.

AREA DETAILS:
 TOTAL AREA : SqM , SqFt

LEGENDS:
REVISED



1 LAYOUT OF CURTAIN WALLS IN PAVILION 4
 SCALE: 1:250

REVISIONS:

DATE	DESCRIPTIONS	SIGN

PROJECT LOCATION:
 PLOT NO:6140305
 RAS AL KHOR IND.3RD
 DUBAI-UAE

CLIENT:
 RAID USED CAR TRADING L.L.C

MAIN CONTRACTOR :



MOHAMMED HASAN RAEES
 TECHNICAL SERVICES L.L.C

TITLE:
 GROUND FLOOR PLAN

ARCHITECT	REGNO
STRUCTURE ENG.	REGNO
ELECTRICAL ENG.	
MECH. ENG.	

SHEET NO :	SCALE :	DATE	05/03/2026
REVISION	DRAWN BY :	DATE	
	CHECKED BY :	DATE	

GENERAL NOTES:

- 1- GENERAL:
 a- ALL DIMENSIONS ARE IN mm, ELEVATION LEVELS ARE IN m UNLESS NOTED OTHERWISE.
 b- ALL THE RCC MATERIALS USED IN THE CONSTRUCTION MUST COMPLY WITH ACI 318-14 OR BS 8110-97 AND RELEVANT CODES OF PRACTICE AND CONTRACT SPECIFICATIONS.
 c- ALL THE STEEL MATERIALS USED IN THE CONSTRUCTION MUST COMPLY WITH BS EN 1993 EUROCADE BRITISH STANDARDS OR BS 5950-2000 AND RELEVANT CODES
 d- DO NOT SCALE THE DRAWING. FOLLOW THE WRITTEN DIMENSIONS.
 e- ALL DIMENSIONS ARE TO BE CONFIRMED AS PER AS SITE CONDITIONS BEFORE EXECUTION
 f- ALL THE STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECTURAL ,MEP, CIVIL AND SERVICES DRAWINGS

- 2- CONCRETE:
 a- SUBSTRUCTURE AND SUPER STRUCTURE CONCRETE SHALL BE GRADE C40/32 WITH MINIMUM CUBIC CHARACTERISTIC STRENGTH OF 40 M.Pa
 b- CONCRETE MIX DESIGN AS FOLLOWS:

CONCRETE MIX DESIGN			
TYPE OF STRUCTURE	SUBSTRUCTURE		
OPTIONS	MAXIMUM W/C RATIO	MINIMUM CEMENT CONTENT Kg/m ³	TYPE OF CEMENT
OPTION 1	0.45	360	OPC WITH 66-80% GGBS
OPTION 2	0.40	380	OPC WITH 36-55% FLY ASH
OPTION 3	0.35	380	OPC WITH 36-65%GGBS OR 26-35% FLY ASH

CONCRETE MIX DESIGN				
TYPE OF STRUCTURE	SUPERSTRUCTURE			
OPTIONS	SPECIFIED CONCRETE GRADE	MAXIMUM W/C RATIO	MINIMUM CEMENT CONTENT Kg/m ³	TYPE OF CEMENT
OPTION 4	C40/50	0.35	380	OPC WITH 36-65% GGBS
OPTION 5	C40/50	0.35	380	OPC WITH 26-35% FLY ASH
OPTION 6	C32/40	0.40	380	OPC WITH 66-80% GGBS
OPTION 7	C32/40	0.40	380	OPC WITH 36-55% FLY ASH
OPTION 8	C32/40	0.45	360	OPC WITH 36-65% GGBS
OPTION 9	BLINDING CONCRETE	0.55	202	OPC WITH 36-65% GGBS
OPTION 10	BLINDING CONCRETE	0.55	202	OPC WITH 26-35% FLY ASH

OPC: ORDINARY PORTLAND CEMENT

- c- AGGREGATE SIZE 10 TO 20 mm
 d- MINIMUM 6 CONCRETE CUBES SHALL BE TAKEN FROM EACH READY MIX CONCRETE TRUCK, THE CUBES SHALL BE TESTED IN AN APPROVED LABORATORY AFTER 7 AND 28 DAYS
 e- SLUMP AND TEMPERATURE SHALL BE TESTED EACH READY MIX CONCRETE TRUCK
 f- THE SUPPLIER IS RESPONSIBLE FOR ANY NECESSARY ADMIXTURES IN ORDER TO FACILITATE THE CONCRETE CASTING PROCESS AS LONG AS THEY MAINTAIN THE REQUIREMENTS

- 3- REINFORCEMENT:
 a- PREFIX "T" DENOTES HIGH YIELD DEFORMED BARS GRADE 460 WITH MINIMUM YIELD STRESS 460 M.Pa
 b- REINFORCEMENT BAR SHALL HAVE MIN. CLEAR COVER AS FOLLOWS:
 FOUNDATION 50 mm ALL SIDES
 UNDERGROUND COLUMNS AND BEAMS 40 mm ALL SIDES
 COLUMNS 30 mm ALL SIDES
 SLABS 30 mm
 DROPPED BEAMS 50 mm, HIDDEN BEAMS 30 mm ALL SIDES
 c- LAPS WHEREVER ESSENTIAL IS PROVIDED AT PREDETERMINED LOCATIONS AND LAP LENGTH MINIMUM 60XBAR DIAMETER UNLESS NOTED OTHERWISE.

- 4- CURING PERIOD FOR CONCRETE:
 WATER CURING FOR A MINIMUM PERIOD OF 7 DAYS SHALL BE DONE, ALTERNATIVELY CURING COMPOUND MAY BE USED

- 5- STEEL:
 a- STRUCTURAL SECTIONS ,PLATES, CONNECTIONS, BOLTS AND WELDING SHALL COMPLY WITH BS EN 1993 EUROCADE BRITISH STANDARDS OR BS 5950-2000 AND RELEVANT CODES
 b- ALL STRUCTURAL SECTIONS AS PER EUROPEAN OR BRITISH SECTION DATABASE
 c- STRUCTURAL SECTIONS AND PLATES SHALL BE OF GRADE S 275 OR EQUIVALENT
 d- ALL BOLTS SHALL BE OF GRADE 8.8 OR EQUIVALENT
 e- ALL WELDS SHALL BE CONTINUOUS WELDS UNLESS NOTED OTHERWISE.
 f- STRUCTURAL WELDING SHOULD FOLLOW AWS
 g- E35/EM12K WELDING ELECTRODES TO BE USED OR EQUIVALENT
 h- ALL STRUCTURAL STEEL SHALL BE GALVANIZED AND PAINTED WITH APPROVED PAINTING SYSTEM EPOXY PAINT 80 MICRONS OR EQUIVALENT

- 6- FOUNDATIONS:
 a- THE FOUNDATION LEVEL OF ALL FOUNDATIONS IS WATERED AND MECHANICALLY COMPACTED TO 95% M.D.D MAXIMUM DRY DENSITY PRIOR TO LAYING OF THE BLINDING/PCC CONCRETE
 b- ALL FOUNDATIONS AND SUBSTRUCTURE CONCRETE ARE PROTECTED WITH BITUMEN EMULSION
 c- FOUNDATIONS ARE DESIGNED FOR A MINIMUM SAFE SOIL BEARING CAPACITY OF SBC = 100^{kN}/m² A FORMATION LEVEL OF APPROXIMATELY 1000 mm BELOW NATURAL GROUND LEVEL UNLESS NOTED OTHERWISE
 d- ALL BLINDING/PCC CONCRETE IS PLACED ON ONE LAYER OF 1000 GAUGE POLYTHENE SHEET UNLESS OTHERWISE NOTED

- 7- DESHUTTERING PERIOD FOR SLABS SHALL BE 7 DAYS PROPS 14 DAYS AND DESHUTTERING PERIOD FOR BEAMS SHALL BE 14 DAYS PROPS 21 DAYS, VERTICAL FACES OF SLABS, BEAMS AND COLUMNS SHALL BE DESHUTTERED AFTER 24 HOURS AND WALLS AFTER 48 HOURS

- 8- LEGEND FOR SHORTFORMS:

S.S.L.: STRUCTURAL SLAB LEVEL

F.F.L.: FINISHED FLOOR LEVEL

-----: TOP REIN.

_____ : BOT. REIN.

T&B: TOP AND BOTTOM

BW: BOTH WAYS

OW: ONE WAY

C/C: CENTER TO CENTER

THK.: THICKNESS

 : ONE SIDE WELDING

 : TWO SIDES WELDING

 : ALL AROUND WELDING

 : FULL JOINT WELDING

- 9- ALL CONCRETE, REIN. BARS, STEEL SHOP-DRAWINGS SHOULD BE AS PER DUBAI BUILDING CODE AND PROVIDED BY THE AUTHORIZED SUBCONTRACTORS, AS THOSE DRAWINGS ARE ONLY FOR THE AUTHORITY APPROVAL

- 10- ALL SUBCONTRACTORS SHOULD CHECK THE DRAWINGS AND MATCH WITH THE SITE CONDITIONS AND THE OTHER DRAWINGS AND INFORM IF ANY DISCREPANCY IS THERE TO GO FOR A REVISION

- 11- ALL THE SUBCONTRACTORS SHOULD CHECK THE DESIGN AND THE EXISTING STRUCTURE IF ANY AS PER DUBAI BUILDING CODE BEFORE STARTING EXECUTION, AS THE CONSULTANT IS NOT RESPONSIBLE FOR THOSE DRAWINGS AFTER GETTING THE PERMIT FROM THE CONCERNED AUTHORITY

- 12- ALL THE SUBCONTRACTORS SHOULD INFORM TO RAISE ALL THE REQUIRED INSPECTIONS IN TIME AS PER THE CONCERNED AUTHORITY REGULATIONS

- 13- ALL THE SUBCONTRACTORS HOLD FULL RESPONSIBILITY TO FOLLOW THE APPROVED DRAWINGS DURING THE EXECUTION TILL THE COMPLETION INSPECTION

GENERAL NOTES:

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AREA DETAILS:

TOTAL AREA : SqM , SqFt

LEGENDS:

PROPOSED

REVISIONS:

DATE	DESCRIPTIONS	SIGN

PROJECT LOCATION:

PLOT NO:6140305
 RAS AL KHOR IND.3RD
 DUBAI-UAE

CLIENT:

RAID USED CAR TRADING L.L.C

MAIN CONTRACTOR :



TITLE:

GENERAL NOTES

ARCHITECT	REGNO
STRUCTURE ENG.	REGNO
ELECTRICAL ENG.	
MECH. ENG.	

SHEET NO :	SCALE :	DATE	05/03/2026
REVISION	DRAWN BY :	DATE	
	CHECKED BY :	DATE	

1- CONCRETE SPECIFICATION:

$f_{cu} = 40$ M.Pa

2- REINFORCEMENT SPECIFICATION:

$f_y = 460$ M.Pa

3- STEEL SPECIFICATION:

- STEEL GRADE S355 OR EQUIVALENT

$f_y = 355$ M.Pa

- BOLT GRADE 10.9 OR EQUIVALENT UNO

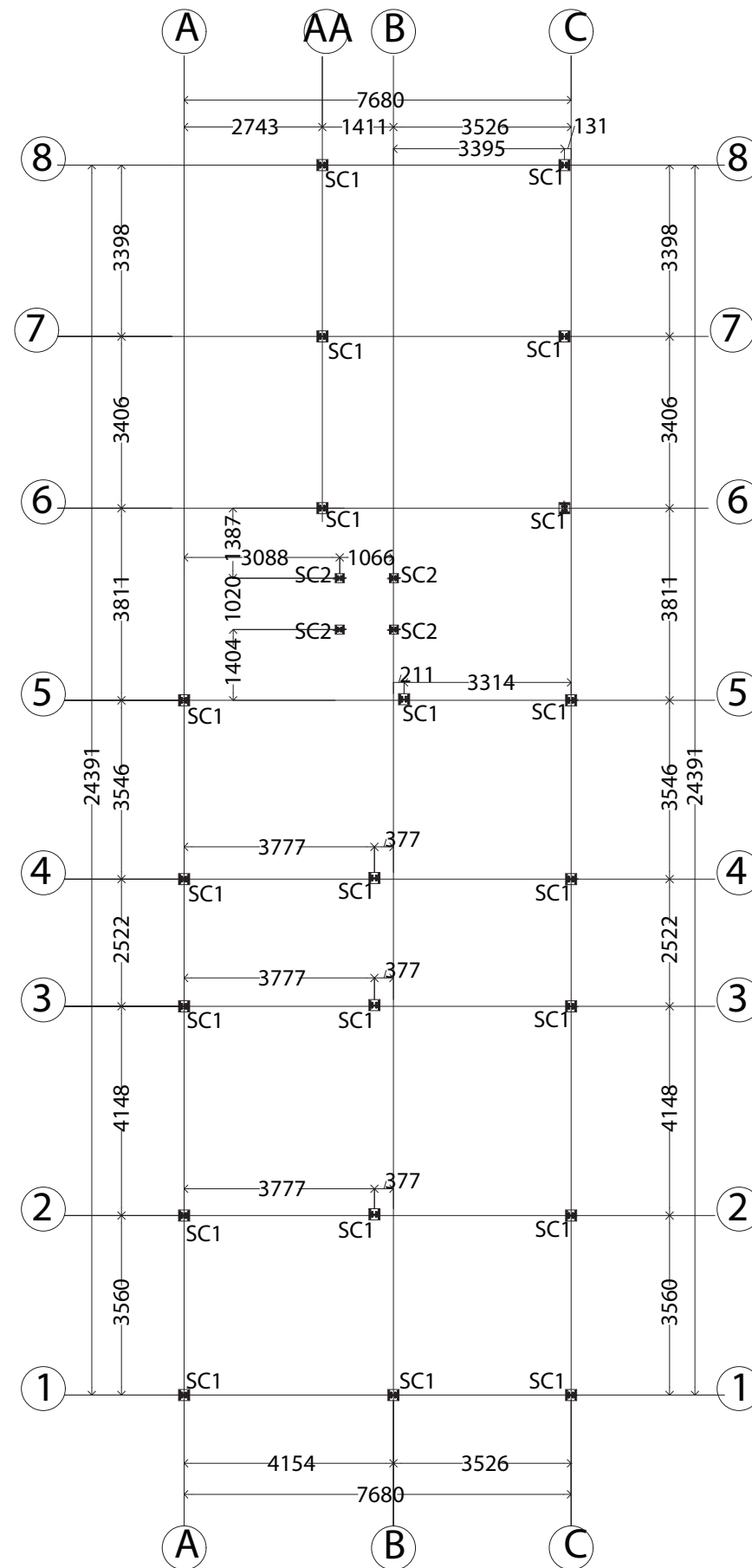
$F_u = 1000$ M.Pa

- WELD CONTINUOUS 6 mm ALL AROUND UNO

EM 12K OR EQUIVALENT $f_f = 400$ M.Pa

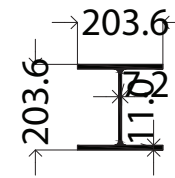
- COLDFORM GRADE ASTM A653M GI

$f_y = 345$ M.Pa OR EQUIVALENT



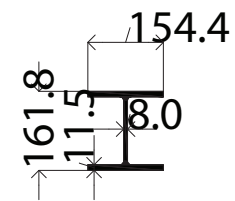
COLUMN LAYOUT

NOTE : THE COLUMN IS PLACED ON THE 350 mm GRADE SLAB



UB: 203X203X46
SCALE: 1/20

SCHEDULE OF STEEL PROFILE	
SC1	UC: 203X203X46
SC2	UC: 152X152X37 LANDING COLUMNS



UC: 152X152X37
SCALE: 1/20

GENERAL NOTES:

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AREA DETAILS:

TOTAL AREA : ... SqM , ... SqFt

LEGENDS:

PROPOSED

REVISIONS:

DATE	DESCRIPTIONS	SIGN

PROJECT LOCATION:

PLOT NO: 6140305
RAS AL KHOR IND.3RD
DUBAI-UAE

CLIENT:

RAID USED CAR TRADING L.L.C

MAIN CONTRACTOR :



TITLE:

COLUMN LAYOUT

ARCHITECT	REG NO	
STRUCTURE ENG.	REG NO	
ELECTRICAL ENG.		
MECH. ENG.		

SHEET NO :	SCALE :	DATE :	05/03/2026
REVISION	DRAWN BY :	DATE :	
	CHECKED BY :	DATE :	

1- CONCRETE SPECIFICATION:

$f_{cu} = 40 \text{ M.Pa}$

2- REINFORCEMENT SPECIFICATION:

$f_y = 460 \text{ M.Pa}$

3- STEEL SPECIFICATION:

- STEEL GRADE S355 OR EQUIVALENT

$f_y = 355 \text{ M.Pa}$

- BOLT GRADE 10.9 OR EQUIVALENT UNO

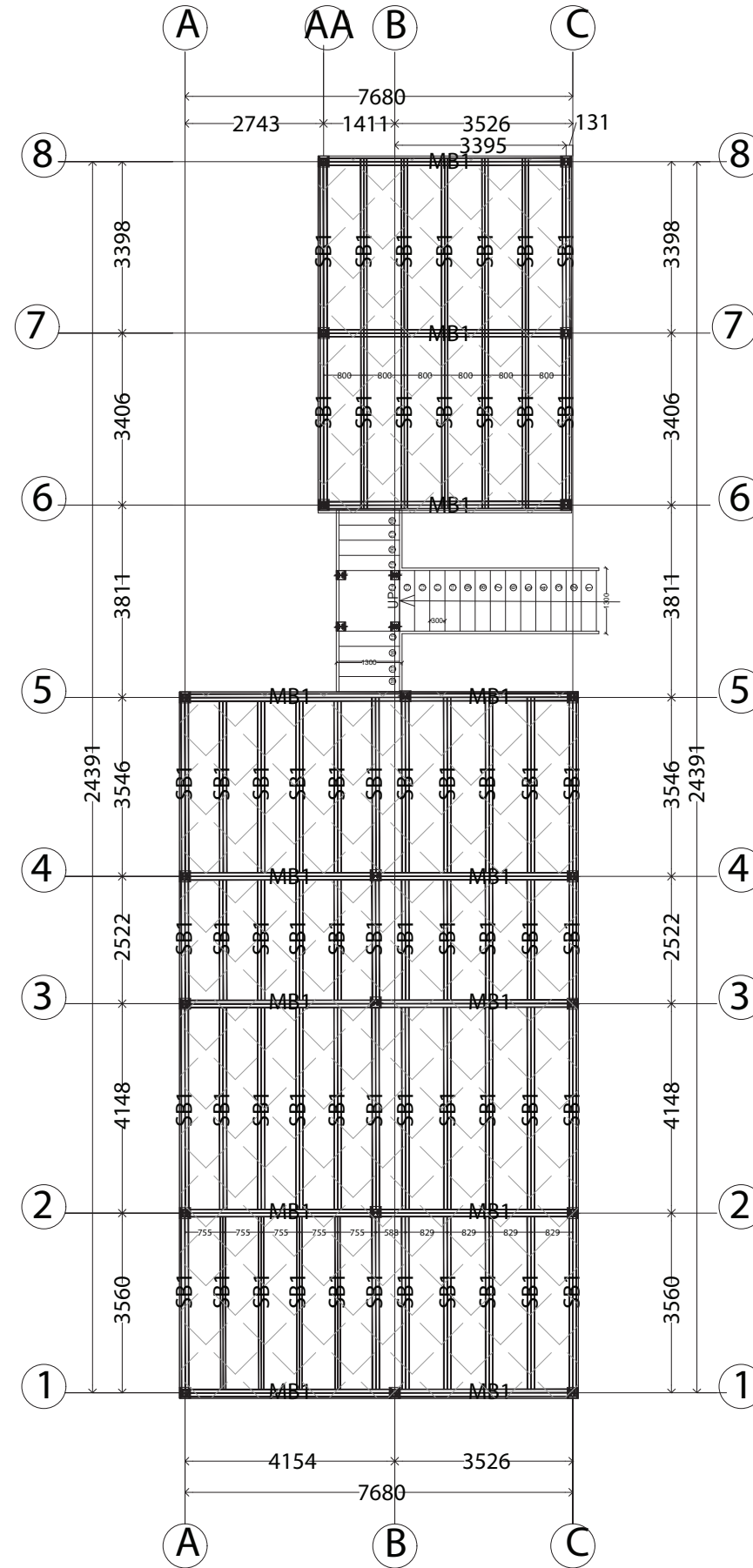
$F_u = 1000 \text{ M.Pa}$

- WELD CONTINUOUS 6 mm ALL AROUND UNO

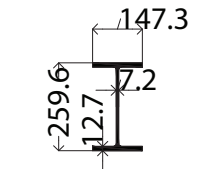
EM 12K OR EQUIVALENT $f_f = 400 \text{ M.Pa}$

- COLDFORM GRADE ASTM A653M GI

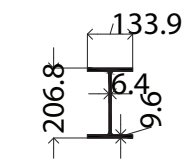
$f_y = 345 \text{ M.Pa}$ OR EQUIVALENT



FRAMING LAYOUT



UB: 254X146X43
SCALE: 1/20



UB: 203X133X30
SCALE: 1/20

SCHEDULE OF STEEL PROFILE

MB1	UB: 254X146X43
SB1	UB: 203X133X30

GENERAL NOTES:

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AREA DETAILS:

TOTAL AREA : ... SqM , ... SqFt

LEGENDS:

PROPOSED

REVISIONS:

DATE	DESCRIPTIONS	SIGN

PROJECT LOCATION:

PLOT NO:6140305
RAS AL KHOR IND.3RD
DUBAI-UAE

CLIENT:

RAID USED CAR TRADING L.L.C

MAIN CONTRACTOR :



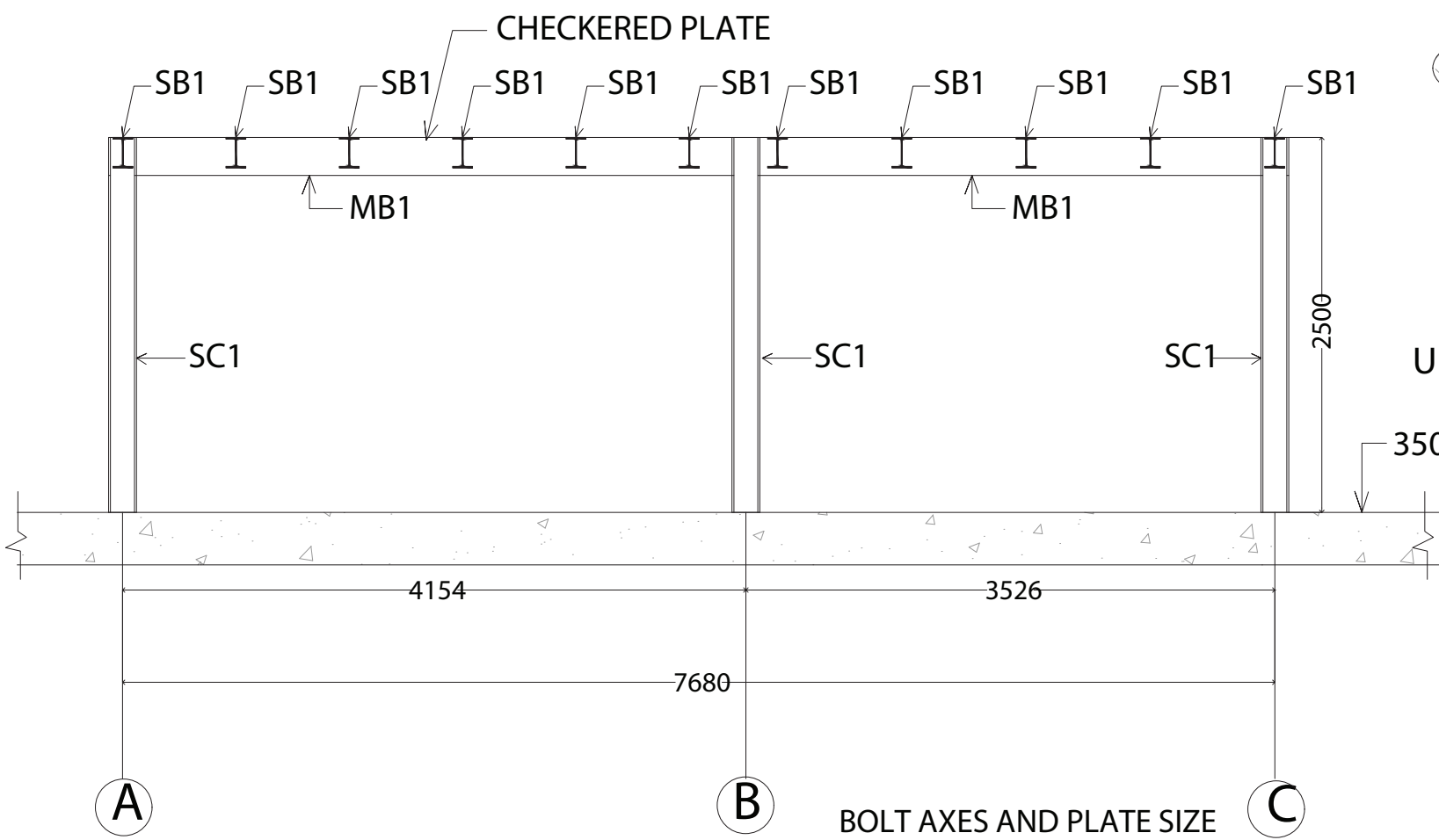
MOHAMMED HASAN RAEES
TECHNICAL SERVICES L.L.C

TITLE:

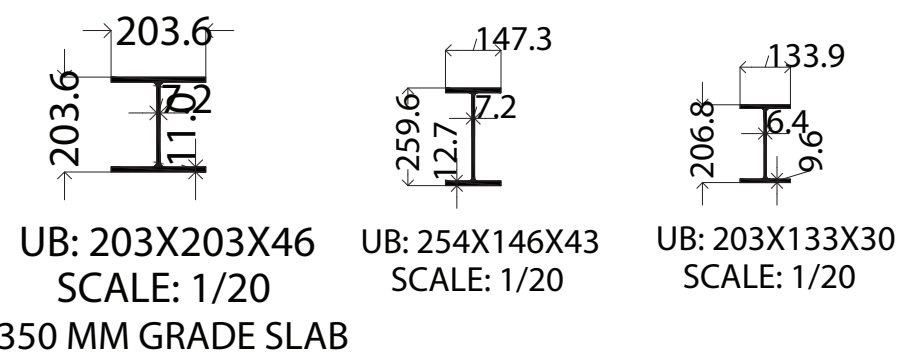
FRAMING LAYOUT

ARCHITECT	REG NO
STRUCTURE ENG.	REG NO
ELECTRICAL ENG.	
MECH. ENG.	

SHEET NO :	SCALE :	DATE	05/03/2026
REVISION	DRAWN BY :	DATE	
	CHECKED BY :	DATE	



COLUMN/BEAM AXIS AND LEVELS MAY DIFFER ACCORDING TO THE SITE CONDITIONS

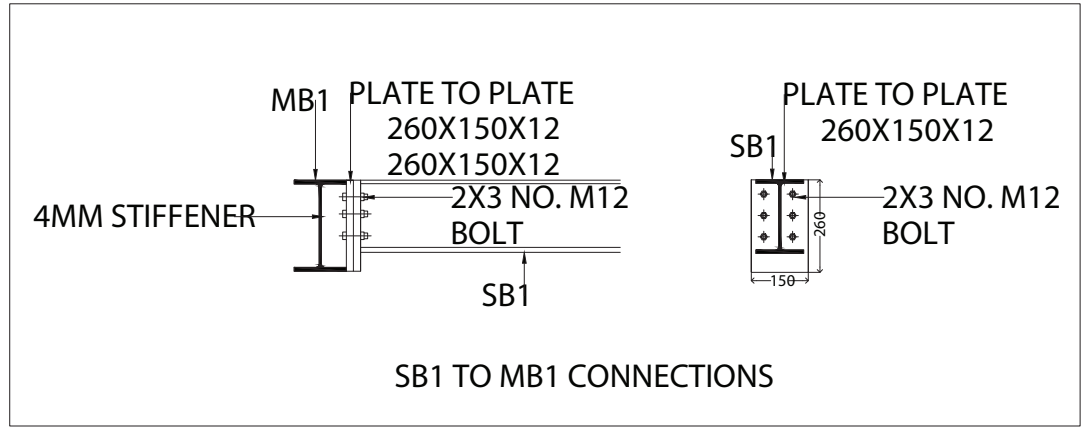
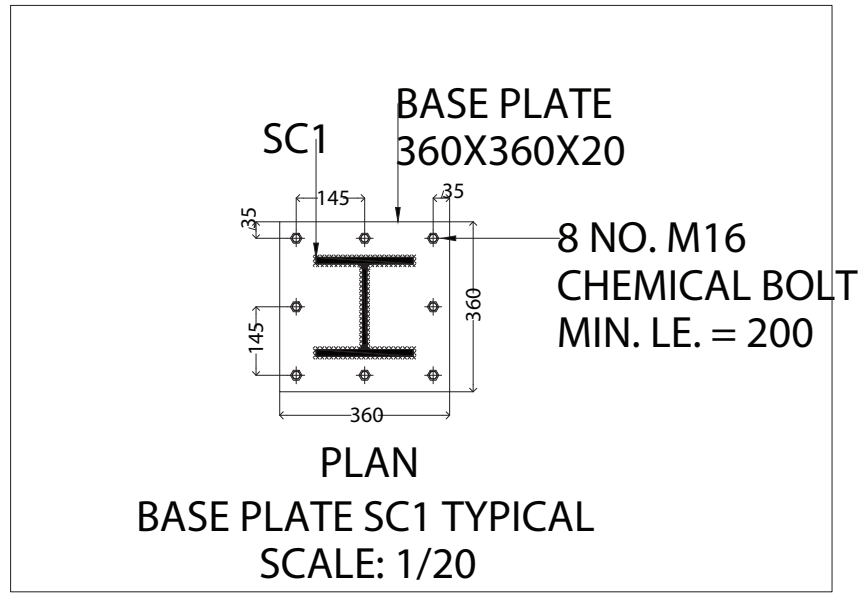
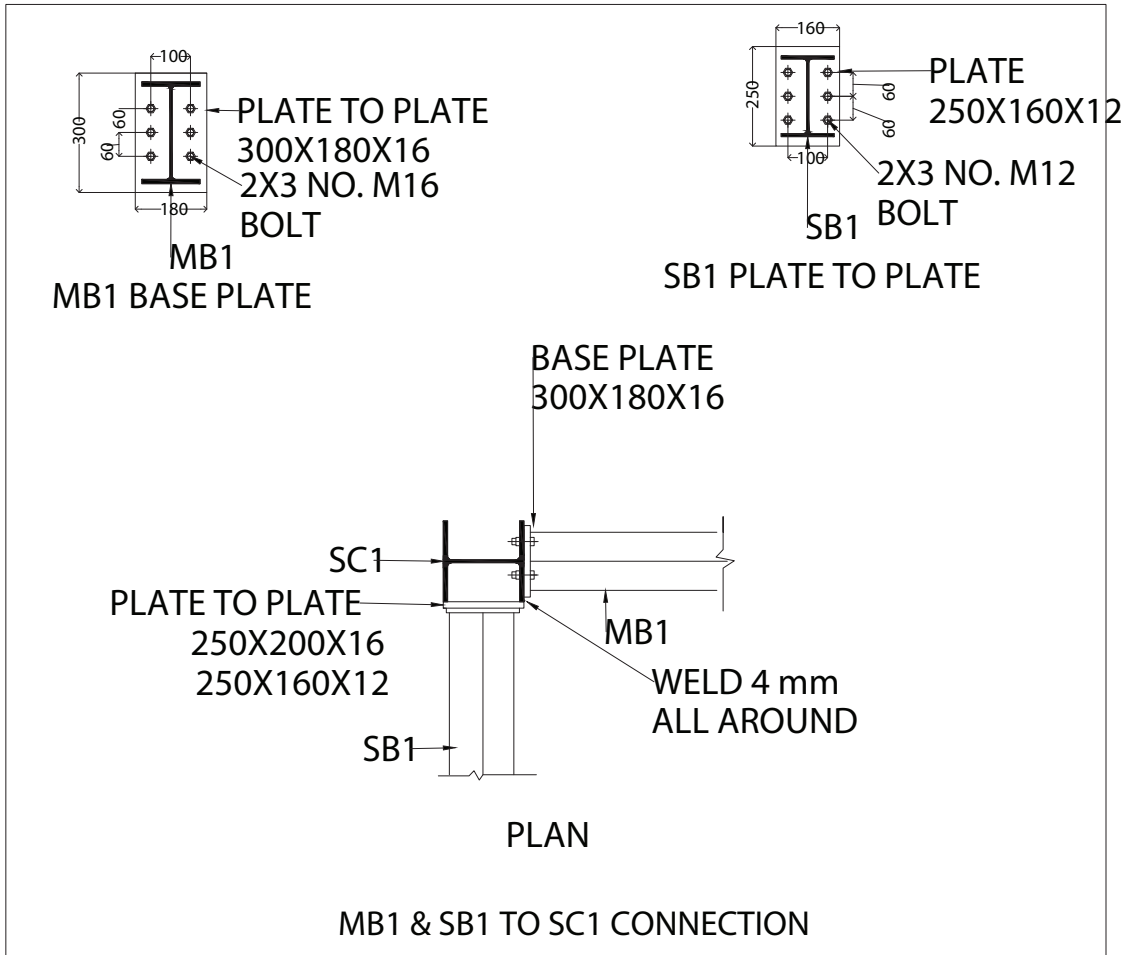


350 MM GRADE SLAB

SCHEDULE OF STEEL PROFILE

SC1	UC: 203X203X46
MB1	UB: 254X146X43
SB1	UB: 203X133X30

SECTION
BOLT AXES AND PLATE SIZE MAY DIFFER IN RANGE OF 50 mm ACCORDING TO THE EXISTING SITE CONDITIONS



GENERAL NOTES:
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AREA DETAILS:

TOTAL AREA	: ... SqM , ... SqFt
------------	----------------------

LEGENDS:

PROPOSED

REVISIONS:

DATE	DESCRIPTIONS	SIGN

PROJECT LOCATION:
PLOT NO: 6140305
RAS AL KHOR IND.3RD
DUBAI-UAE

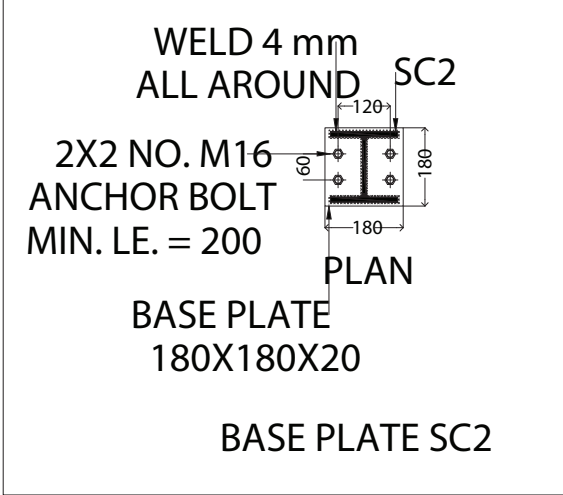
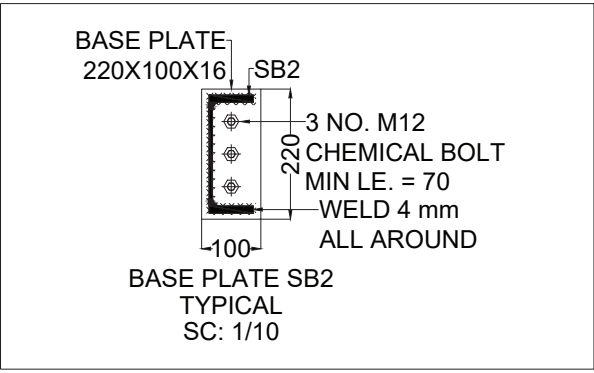
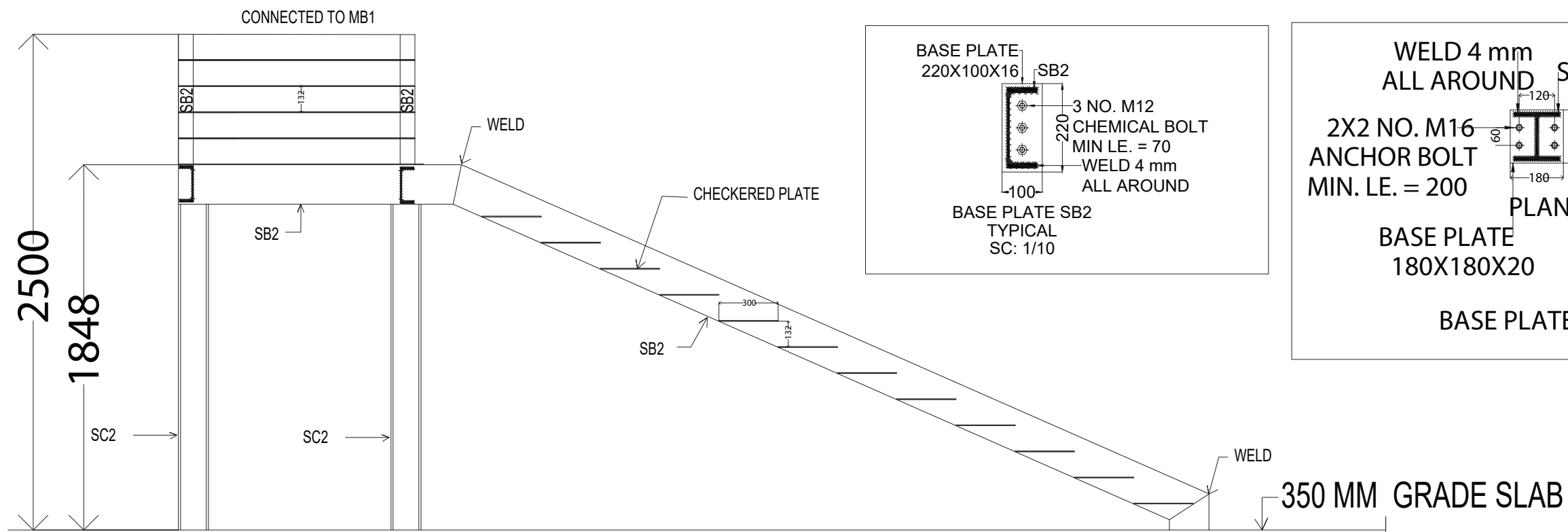
CLIENT:
RAID USED CAR TRADING L.L.C



TITLE:
SECTION AND CONNECTION

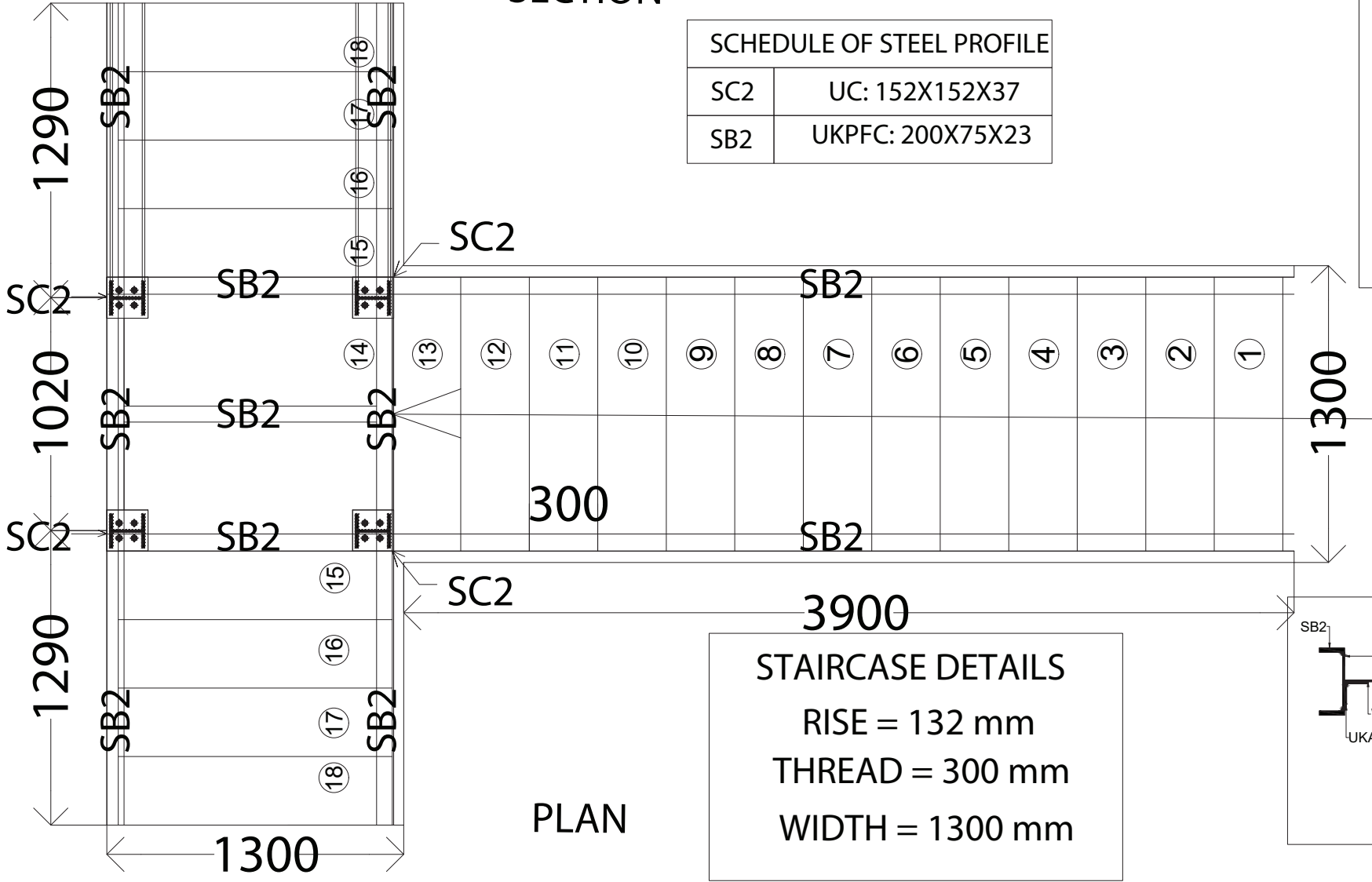
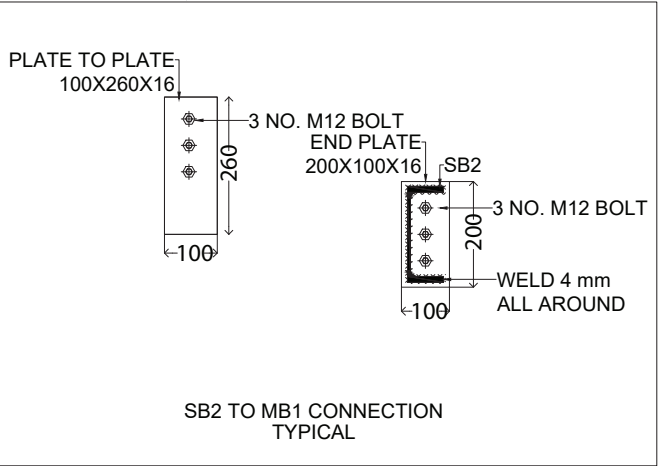
ARCHITECT	REGNO	
STRUCTURE ENG.	REGNO	
ELECTRICAL ENG.		
MECH. ENG.		

SHEET NO :	SCALE :	DATE :	05/03/2026
REVISION	DRAWN BY :	DATE :	
	CHECKED BY :	DATE :	



SECTION

SCHEDULE OF STEEL PROFILE	
SC2	UC: 152X152X37
SB2	UKPFC: 200X75X23



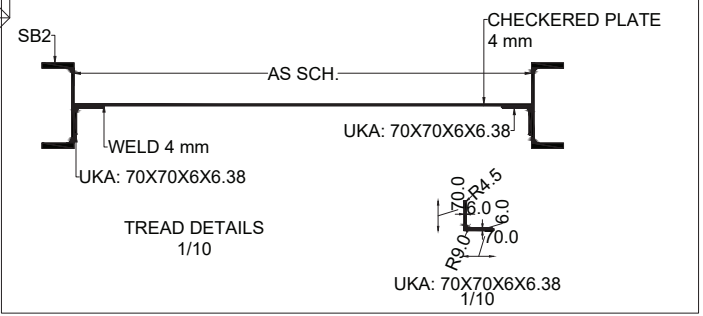
3900

STAIRCASE DETAILS

RISE = 132 mm

THREAD = 300 mm

WIDTH = 1300 mm



GENERAL NOTES:

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AREA DETAILS:

TOTAL AREA : ... SqM , ... SqFt

LEGENDS:

PROPOSED

REVISIONS:

DATE	DESCRIPTIONS	SIGN

PROJECT LOCATION:

PLOT NO: 6140305
RAS AL KHOR IND. 3RD
DUBAI-UAE

CLIENT:

RAID USED CAR TRADING L.L.C

MAIN CONTRACTOR:

MHR
MOHAMMED HASAN RAEES
TECHNICAL SERVICES L.L.C

TITLE:

STAIRCASE DETAILS

ARCHITECT	REGNO
STRUCTURE ENG.	REGNO
ELECTRICAL ENG.	
MECH. ENG.	

SHEET NO :	SCALE :	DATE :
		05/03/2026
REVISION	DRAWN BY :	DATE
	CHECKED BY :	DATE