## **ARCHITECTURAL CHECKER'S CERTIFCATE**

#### for architectural design compliance - category B1

- I, <u>Mohamed Shamin</u> being a registered checker, hereby certifies that I have in accordance with Male' Planning Regulation and other applicable regulations relevant to planning, design and construction of buildings set out by the Government Authorities, have carried out an evaluation and review of the drawings of the building works attached and to the best of my knowledge and belief the drawings do not show any incompliance in the design of the building to be erected or by the works carried out in accordance with those drawings.
- 2. In arriving at my conclusion, I confirm that I have reviewed and checked the design in accordance with the relevant regulations using the following criteria:
  - a. rules and regulations set out by the authorities in relation to building design and construction;
  - b. codes of practice adopted in the design;
  - c. standards and specifications of materials;
  - d. architectural design concept;
  - e. architectural detailing;
  - f. appropriate checklists set out by the authorities (included with this Certificate);
  - g. others specify.....

Plot Name/No: 11701

City/Atoll/Island: Hulhumale'

Type of Building (use): Mixed-office

Plot Owner's Name: Maldives Hajj

Corporation Limited

Name of Architect: Mohamed Shamin

Date: 15-12-2022

Reg. Number: BPR2022013B1

Signature:	A 3
	Ministry of National Planning, Housing & Infrastructure
	ACCREDITED CHECKER
	Name: Mohamed Shamin VALIDITY: 23.03.22 - 22.09.23 Accredited No: BPR2022013B1 B1-2022-013-001

official Stamp of the Registered Architectural Checker

FOR OFFICIAL USE ONLY			
Building Permit No.:	Local Authority's Stamp		
		APPROVED	
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### STRUCTURAL CHECKER'S CERTIFCATE

#### for structural design compliance - category A1

- 1. I *Ashraf Hameed* being a registered checker, hereby certifies that I have in accordance with Male' Planning Regulation and other applicable regulations relevant to planning, design and construction of buildings set out by the Government Authorities, have carried out an evaluation and review of the drawings of the building works attached and to the best of my knowledge and belief the drawings do not show any incompliance in the design of the building to be erected or by the works carried out in accordance with those drawings.
- 2. In arriving at my conclusion, I confirm that I have reviewed and checked the design in accordance with the building regulations using the following criteria:
  - a. Codes of practice adopted in the design;
  - b. Including wind load, construction load or dynamic load, (if applicable) checked;
  - c. Standards and specifications of structural elements;
  - d. Structural design concept and identification of the key structural elements;
  - e. Structural analysis and design of all key structural elements including foundation systems;
  - f. Stability of structural frame;
  - g. Structural detailing;
  - h. Others specify.....

Plot Name/No: 11701

City/Atoll/Island: Hulhumale'

Type of Building (use): Mixed-office

Plot Owner's Name: Maldives Hajj

Corporation Limited

Name of Engineer: Ashraf Hameed

Date: 15<sup>th</sup> December 2022

Checker's Reg. Number: *BPR2022006A1* 

Checker's Signat	ure:
0	Ministry of National Planning, Housing & Intraethouse
	ACCREDITED CHECKER
	STRUCTURAL CHECKER AT
	Name: Ashraf Hameed wuom: 200 22-22 19 25 Accredited No: BPR2022006A1 A1 3022 696 601

Official Stamp of the Registered Structural Checker

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FOR OFFICIAL USE ONLY			
Building Permit No.:	Local Authority'	s Stamp	
			Page 1 of 1

## PROPOSED EXCAVATION AND EARTH PROTECTION METHOD

## PROJECT: PROPOSED 9 STOREY BUILDING AT HULHUMALE' LOT 11701 DATE: 16TH DECEMBER 2022

PROPOSED DEPTH OF FOUNDATION	3350MM FROM GROUND LEVEL
DETAILS OF THE NEIGHBOURING BUILDING	AS SHOWN ON SITE PLAN
DETAILS OF THE FOUNDATION OF NEIGHBOURING BUILDINGS	PRESENTLY NO INFORMATION IS AVAILABLE ABOUT THE FOUNDATION OF THE NEIGHBOURING BUILDINGS

NOTE: THE INFORMATION GIVEN IN THE ROW 2 & 3 OF THE ABOVE GIVEN TABLE ARE CORRECT AT THE TIME OF SUBMISSION OF THE DRAWINGS TO MALE' MUNICIPALITY. THEREFORE ALL NECESSARY DETAILS ABOUT THE FOUNDATIONS OF THE NEIGHBOURING BUILDINGS WILL BE UPDATED AT THE TIME OF START OF THE CONSTRUCTION AND THE RELEVANT EARTH PROTECTION METHOD WILL BE ADOPTED BASED THE SPECIFIC DETAILS

## PROPOSED EXCAVATION METHOD

EXCAVATION FOR THE FOUNDATION ALONG THE BOUNDARY LINE OF THE ADJOINING PLOTS WILL BE CARRIED OUT IN STEPPED UNITS OF 450 X 600MM IN VERTICAL AND HORIZONTAL DIMENSIONS RESPECTIVELY. ALL NECESSARY PRECAUTIONS WILL BE TAKEN INTO ACCOUNT. TO PROTECT THE FRESHLY CUT SURFACE OF THE NATURAL GROUND, TO PREVENT IT FROM FALL DUE TO THE ACTION OF WEATHER OR ANY OTHER ACTION THAT MAY CAUSE SUCH A FALL. HENCE, THE FOLLOWING EARTH PROTECTION METHOD WILL BE ADOPTED AT THE BOUNDARIES OF ALL ADJOINING PLOTS AS SHOWN BELOW.



## PROPOSED EARTH PROTECTION METHOD

DRIVING 9MM THICK STEEL SHEETS SUPPORTED BY 6MM THICK L-SHAPED MS BARS TO FORM A CANTILEVER SHEET-PILE RETAINING WALL AS SHOWN IN FIGURE-1. G. I. PIPE SUPPORTS WILL BE PROVIDED SIMULTANEOUSLY WITH THE STEPPED EXCAVATION. THE SHEET PILES WILL BE FIRMLY BRACED UNTIL THE COMPLETION OF BACK FILLING.

ADJOINING PLOT



PROPOSED BUILDING SITE

Driving depth of sheet pile: 4000mm from the natural ground

FIGURE-1

FATHIMATH RIFZAN CIVIL ENGINEER (BDR2019016LE)





Date: 29<sup>th</sup> November 2022 Time: 14435Hrs



VISUAL SOIL INSPECTION REPORT FOR HULHUMALE' PLOT 11701

The ground condition from the trial pits dug at Hulhumale' Plot 11701 revealed that the top layer (1500mm) consists of White Sandy soil and no garbage was encountered.

The water table is at a depth of -1500mm below the ground level.

The base of the foundation is proposed to be found at a depth of -3350mm, which is below the water table, hence dewatering will be required.

Fathimath Rifzan Civil Engineer BDR2019016E





## PROPOSED MIXED OFFICE BUILDING AT

# LOT 11701

REETHI GAS MAGU HULHUMALE' MALDIVES MARCH 2023

CLIENT MALDIVES HAJJ CORPORATION

## ARCHITECTURAL AND STRUCTURAL DRAWINGS



M.DHIGGIRI (1ST FLOOR), FAREEDHEE MAGU, MALE', 20274, TEL: (960)7773601, E-MAIL: mail@alaaf.mv







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PROJECT TITLE: LOT 11701 MIXED-OFFICE BUILDIN HULHUMALE, MALDIVE	IG S	- PVT LTD. THIS DRAWINGS SHOL
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ENGINEER: RIFZAN	MHC-15/2022	THE PRC
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DRAWN: Z.S	A17	SIHL NI
DATE: DEC 2022		DESIGN
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TEL: (960)7773601, E-MAIL: alaaf.pvt@gmail





SITE PLAN SCALE - 1:100

AREA ALLOCATION:

PLOT AREA = 538.66PROPOSED GFA = 2656.1BUILDING FOOT PRINT = 336.92 SQM (3,626.60 SQFT) FLOOR SPACE INDEX = 4.93



6 SQM (5,798.08 SQFT)
15 SQM (28,590.79 SQFT)
2 SOM (3 626 60 SOFT)

USABLE AREA = 2374.57 SQM (25,559.87 SQFT)

FLOOR SPACE AREA	
FLOOR	SPATIAL AREA (SQM)
BASEMENT FLOOR	
PARKING	278.88 SQM
GROUND FLOOR	
SHOP	184.24 SQM
PANEL ROOM	05.23 SQM
FIRE PUMP ROOM	05.24 SQM
SECURITY ROOM	04.64 SQM
TOILET MALE	01.87 SQM
TOILET FEMALE	01.87 SQM
PWD FEMALE	03.48 SQM
FIRST FLOOR	
SHOP	289.04 SQM
SECOND FLOOR	
OFFICE SPACE	246.71 SQM
THIRD - EIGHTH FLOOR	
OFFICE SPACE	246.28 SQM
NINTH FLOOR	
RESTAURANT	135.37 SQM
OPEN TERRACE	115.12 SQM

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BASEMENT FLOOR PLAN SCALE - 1:100









GROUND FLOOR PLAN SCALE - 1:100



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FIRST FLOOR PLAN SCALE - 1:100



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HULHUMALE, MALDIVE	S RPORATION
HULHUMALE, MALDIVE CLIENT : MALDIVES HAJJ COI ARCHITECT: ZAFARULLA	S RPORATION PROJECT NO.
HULHUMALE, MALDIVE CLIENT : MALDIVES HAJJ COI ARCHITECT: ZAFARULLA ENGINEER: RIFZAN	S RPORATION PROJECT NO. MHC-15/2022
HULHUMALE, MALDIVE CLIENT: MALDIVES HAJJ COI ARCHITECT: ZAFARULLA ENGINEER: RIFZAN ARC CHKR: SHAMIN	S RPORATION PROJECT NO. MHC-15/2022 DRAWING NO.
HULHUMALE, MALDIVE CLIENT: MALDIVES HAJJ COI ARCHITECT: ZAFARULLA ENGINEER: RIFZAN ARC CHKR: SHAMIN STR CHKR: ASHRAF	S PRORATION PROJECT NO. MHC-15/2022 DRAWING NO. A04
HULHUMALE, MALDIVE CLIENT: MALDIVES HAJJ COI ARCHITECT: ZAFARULLA ENGINEER: RIFZAN ARC CHKR: SHAMIN STR CHKR: ASHRAF DRAWN: Z.S	S PROJECT NO. MHC-15/2022 DRAWING NO. A04 OF
HULHUMALE, MALDIVE CLIENT : MALDIVES HAJJ COI ARCHITECT: ZAFARULLA ENGINEER: RIFZAN ARC CHKR: SHAMIN STR CHKR: ASHRAF DRAWN: Z.S DATE: DEC 2022	S PROJECT NO. MHC-15/2022 DRAWING NO. A04 OF A17



SECOND FLOOR PLAN SCALE - 1:100



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PROJECT TITLE: LOT 11701 MIXED-OFFICE BUILDIN HULHUMALE, MALDIVE	G S	FIVT LTD. THIS DRAWINGS SHOL
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CLIENT : MALDIVES HAJJ COI ARCHITECT: ZAFARULLA ENGINEER: RIFZAN	RPORATION PROJECT NO. MHC-15/2022	E PROPERTIES OF ALAM
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PROJECT TITLE: LOT 11701 MIXED-OFFICE BUILDING HULHUMALE, MALDIVES						
CLIENT : MALDIVES HAJJ CO	RPORATION					
ARCHITECT: ZAFARULLA	PROJECT NO.					
ENGINEER: RIFZAN	MHC-15/2022					
ARC CHKR: SHAMIN	DRAWING NO.					
STR CHKR: ASHRAF	A06					
DRAWN: Z.S	0F A17					
DATE: DEC 2022						



TERRACE FLOOR PLAN SCALE - 1:100



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PROJECT TITLE: LOT 11701 MIXED-OFFICE BUILDIN HULHUMALE, MALDIVE	IG S
CLIENT: MALDIVES HAJJ CO	RPORATION
ARCHITECT: ZAFARULLA	PROJECT NO.
ENGINEER: RIFZAN	MHC-15/2022
ARC CHKR: SHAMIN	DRAWING NO.
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PROJECT TITLE: LOT 11701 MIXED-OFFICE BUILDING HULHUMALE, MALDIVES						
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ALAAF PRIVATE LIMITED THARUEHIGE(GROUND FLR)SABUIDHERIYA MAGUJMALE'20004, TEL: (960)7773601, E-MAIL: alaof.pvt@gmoil.com,Web						









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FRAME	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM
FINISHING	POWDER COAT	POWDER COAT	POWDER COAT	POWDER COAT	POWDER COAT
GLAZING	GREEN TINTED REFLECTED GLASS	CLEAR GLASS	CLEAR GLASS	CLEAR GLASS	CLEAR GLASS

POWDER COAT

CLEAR GLASS



	FG4	FG4A
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FINISHING	POWDER COAT	POWDER COAT
GLAZING	CLEAR GLASS	CLEAR GLASS

Ministry of National Planning, Housing & Infrastructure ACCREDITED CHECKER ARCHITECTURAL CHECKER B1 Name: Mohamed Shamin VALIDITY: 23.03.22 - 22.09.23 Accredited No: BPR2022013B1 B1-2022-013-001	
	NOTES:
KEY	
G - GLASS	
TG - TEMPERED GLASS AL - ALUMINUM LOVERS	
T – TIMBER FD – FIRE RATED DOOR	PROJECT TITLE: LOT 11701 MIXED-OFFICE BUILDING HULHUMALE, MALDIVES
	CLIENT MALDIVES HAJJ CORPORATION
Ministry of National Planning, Housing & Infrastructure	ARCHITECT: ZAFARULLA PROJECT NO.
ACCREDITED CHECKER	ENGINEER: RIFZAN MHC-15/2022
STRUCTURAL CHECKER AT	ARC CHKR: SHAMIN DRAWING NO
Name: Ashraf Hameed VAU007: 27.09.22 - 22.09.29 *	STR CHKR: ASHRAF AT3

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	W2	W3
FRAME	ALUMINIUM	ALUMINIUM
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KEY
G - GLASS
TG - TEMPERED GLASS
AL - ALUMINUM LOVERS
T – TIMBER
FD - FIRE RATED DOOR

ROOM NO:
GROUND I
SHOP-1
FIRST FLC
SHOP-2
SECOND F
OFFICE SPACE
PANTRY
THIRD - E
OFFICE SPACE
PANTRY
TERRACE
RESTAURANT

NOTE :- ALL TOILETS ARE MECHANICALLY VENTILATED

DOOR AND WINDOW SCHEDULE

SCALE - 1: 50







RS

## **10 % VENTILATION SCHEDULE**

	ROOM AREA :	D/W NO:	REQUIRED OPEN AREA	DESIGNED OPEN AREA
LOOR				
	184.24 M2	-	-	MECHANICALLY VENTILATED
OR				
	285.56M2	-	-	MECHANICALLY VENTILATED
LOOR				
	234.45 M2	W2 x 5, 1CW	23.45 M2	58.05 M2
	6.1 M2	W3	0.61 M2	0.95 M2
GHTH FLOOR				
	234.45 M2	W2 x 5, 2CW-7CW	23.45 M2	58.05 M2
	6.1 M2	W3	0.61 M2	0.95 M2
LOOR				
	132.76 M2	W2 x 3, 8CW	13.27 M2	31.7 M2

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MIXED-OFFICE BUILT HULHUMALE, MALDI	DING IVES
ARCHITECT ZAFARULLA	PROJECT NO
ENGINEER: RIFZAN	MHC-15/2022
ARC CHKR: SHAMIN	DRAWING NO.
STR CHKR: ASHRAF	A14 OF
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DATE: DEC 2022	

8CW	<u> </u>	<u> </u>
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2CW - 7CW		
0		21395
1CW		

21395

CURTAIN WALL PLAN SCALE - 1:100



SCALE - 1:100

KEY

G - GLASS TG - TEMPERED GLASS AL - ALUMINUM LOVERS T - TIMBER FD - FIRE RATED DOOR

	CURTAIN WALL
FRAME	ALUMINIUM
FINISHING	POWDER COAT
GLAZING	GREEN TINTED REFLECTED GLASS

## DOOR AND WINDOW SCHEDULE

SCALE - 1:100





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ARCHITECT: ZAFARULLA ENGINEER: RIFZAN ARC CHKR: SHAMIN STR CHKR: ASHRAF	PROJECT NO. MHC-15/2022 DRAWING NO. A15 OE	DRAWING ARE THE DRODERTIES O
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## MAIN STAIR CASE PLAN - BASEMENT TO GROUND SCALE - 1: 50

STAIR CASE SECTION -A SCALE - 1: 50





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CLIENT : MALDIVES HAJJ CO	RPORATION
ARCHITECT: ZAFARULLA	PROJECT NO.
ENGINEER: RIFZAN	WHG-10/2022
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DATE: DEC 2022	ATT .
ALAAF PRIVATE THARWEHIGE(GROUND FLR)SABUDHERIYA	LIMITED MAGU,MALE'20004



SCALE 1:20





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PROJECT TITLE:	
MIXED-OFFICE BUIL HULHUMALE, MALI	_DING DIVES
MIXED-OFFICE BUIL HULHUMALE, MALE	_DING DIVES IJ CORPORATION
MIXED-OFFICE BUIL HULHUMALE, MALE CLIENT : MALDIVES HAJ RCHITECT: ZAFARULLA	DING DIVES J CORPORATION PROJECT NO.
VIIXED-OFFICE BUIL HULHUMALE, MALD CLIENT: MALDIVES HAJ RCHITECT: ZAFARULLA NGINEER: RIFZAN	DING DIVES J CORPORATION PROJECT NO. MHC-15/2022
MIXED-OFFICE BUIL HULHUMALE, MALD RCHITECT: ZAFARULLA NGINEER: RIFZAN RC CHKR: SHAMIN	DING DIVES J CORPORATION PROJECT NO. MHC-15/2022 DRAWING NO.
VIIXED-OFFICE BUIL HULHUMALE, MALE CLIENT: MALDIVES HAJ RCHITECT: ZAFARULLA NGINEER: RIFZAN RC CHKR: SHAMIN TR CHKR: ASHRAF	DING DIVES J CORPORATION PROJECT NO. MHC-15/2022 DRAWING NO. A17 OF
MIXED-OFFICE BUIL HULHUMALE, MALE CLIENT: MALDIVES HAJ RCHITECT: ZAFARULLA NGINEER: RIFZAN RC CHKR: SHAMIN TR CHKR: ASHRAF IRAWN: Z.S	DING DIVES PROJECT NO. MHC-15/2022 DRAWING NO. A17 OF A17
VIIXED-OFFICE BUIL HULHUMALE, MALD CLIENT : MALDIVES HAJ RCHITECT: ZAFARULLA NGINEER: RIFZAN RC CHKR: RIFZAN RC CHKR: SHAMIN TR CHKR: ASHRAF IRAWN: Z.S IATE: DEC 2022	DING DIVES J CORPORATION PROJECT NO. MHC-15/2022 DRAWING NO. A17 OF A17





















NOTES:		ULD BE USED ONLY FOR THE PROJECT MENTIONED ON THIS SHEET.
project title: LOT 11701 MIXED-OFFICE BUILDIN HULHUMALE, MALDIVE	IG S	FVT LTD. THIS DRAWINGS SHO
CLIENT: MALDIVES HAJJ CO	RPORAT <b>I</b> ON	OF ALAM
ARCHITECT: ZAFARULLA	PROJECT NO.	ERTIES
ENGINEER: RIFZAN	MHC-15/2022	HE PROF
ARC CHKR: SHAMIN	DRAWING NO.	ARE T
STR CHKR: ASHRAF	A03	DRAWING
DRAWN: Z.S	0F S20	N THIS
DATE: DEC 2022		DESIGN
ALAAF PRIVATE THARDEHDEG(GROUND FLR)SABUDHERIYA TL: (960)7773601, E-WALL: olor1,	LIMITED MAGU,MALE'20004, oxt@armail.com.Web	RIGHT: THE CONCEPT AND



GROUND FLOOR SLAB REINF. PLAN SCALE - 1:100



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SLAB THICKNESS = 140MM SLAB THICKNESS (SHADED AREA) = 150MM TOP RFMNT = T10 @ 150 C/C BW (SHOWN) BOTTOM RFMNT =T10 @ 150 C/C BW (NOT SHOWN) TOP DISTRIBUTION BARS = T10 @ 300 C/C BW (NOT SHOWN) REINFORCEMENT BARS WILL BE DISCONTINUOUS OVER VOIDS.

NOTES: PROJECT TITLE: LOT 11701 MIXED-OFFICE BUILDING HULHUMALE, MALDIVES CLIENT: MALDIVES HAJJ CORPORATION ARCHITECT: ZAFARULLA PROJECT NO. ENGINEER: RIFZAN HC-15/2022 ARC CHKR: SHAMIN DRAW**I**NG NO STR CHKR: ASHRAF A04 0F RAWN: Z.S S20 DATE: DEC 2022 ALAAF PRIVATE LIMITED THARUEHGE(GROUND FLR)SABUDHERYA MAGU,MALE'20004, TEL: (960)7773601, E-MAIL: dlodf.pvt@gmoil.com,Web







NOTES:		ULD BE USED ONLY FOR THE PROJECT MENTIONED ON THIS SHEET.
PROJECT TITLE: LOT 11701 MIXED-OFFICE BUILDIN HULHUMALE, MALDIVE	IG S	PVT LTD. THIS DRAWINGS SHO
CLIENT : MALDIVES HAJJ CO	RPORAT <b>I</b> ON	OF ALAAF
ARCHITECT: ZAFARULLA	PROJECT NO.	ERTIES
ENGINEER: RIFZAN	MHC-15/2022	HE PRO
ARC CHKR: SHAMIN	DRAWING NO.	S ARE T
STR CHKR: ASHRAF	A05	DRAWING
DRAWN: Z.S	0F S20	N THIS
DATE: DEC 2022	020	DESIGN 1
A LA A F P R I VA T E THARLEHOEG(DRUND FLF)SARDUHERTA TEL: (960)7773601, E-MAIL: ologi,	LIMITED MAGU,MALE'20004, pvt@gmail.com,Web	PYRIGHT: THE CONCEPT AND 1



FIRST FLOOR SLAB RFMNT. PLAN SCALE - 1:100



SLAB THICKNESS = 140MM SLAB THICKNESS (SHADED AREA) = 150MM SLAB THICKNESS (SHADED AREA) = 190MM TOP RFMNT = T10 @ 150 C/C BW (SHOWN) BOTTOM RFMNT = T10 @ 150 C/C BW (NOT SHOWN) TOP DISTRIBUTION BARS = T10 @ 300 C/C BW (NOT SHOWN) REINFORCEMENT BARS WILL BE DISCONTINUOUS OVER VOIDS.

NOTES:		OULD BE USED ONLY FOR THE PROJECT MENTIONED ON THIS SHEET.
PROJECT TITLE: LOT 11701 MIXED-OFFICE BUILDIN HULHUMALE, MALDIVE	G S	PVT LTD. THIS DRAWINGS SHO
CLIENT: MALDIVES HAJJ COI	RPORATION	JF ALANF
ARCHITECT: ZAFARULLA	PROJECT NO.	ERTIES
ENGINEER: RIFZAN	MHC-15/2022	IE PROF
ARC CHKR: SHAMIN	DRAWING NO.	ARE TH
STR CHKR: ASHRAF	A06	DRAWING
DRAWN: Z.S	0F S20	N THIS
DATE: DEC 2022	020	DESIGN 1
A LAAF PRIVATE THARUEHIGE(GROUND FLR)SABUDHERINA TEL: (960)7773601, E-MAIL: alaafa	LIMITED MAGU,MALE'20004, ovt@gmail.com,Web	OPYRIGHT: THE CONCEPT AND 1











SECOND FLOOR SLAB RFMNT. PLAN SCALE - 1:100



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SLAB THICKNESS = 140MM SLAB THICKNESS (SHADED AREA) = 190MM TOP RFMNT = T10 @ 150 C/C BW (SHOWN) BOTTOM RFMNT = T10 @ 150 C/C BW (NOT SHOWN) TOP DISTRIBUTION BARS = T10 @ 300 C/C BW (NOT SHOWN) REINFORCEMENT BARS WILL BE DISCONTINUOUS OVER VOIDS.

NOTES:		D BE USED ONLY FOR THE PROJECT MENTIONED ON THIS SHEET.
PROJECT TITLE: LOT 11701 MIXED-OFFICE BUILDIN HULHUMALE, MALDIVE	G S	LAAF PVT LTD. THIS DRAWINGS SHOUL
ARCHITECT: ZAFARULLA ENGINEER: RIFZAN	PROJECT NO. MHC-15/2022	HE PROPERTIES OF A
ARC CHKR: SHAMIN STR CHKR: ASHRAF DRAWN: Z.S DATE: DEC 2022	DRAWING NO. A08 OF S20	VESIGN IN THIS DRAWING ARE T
A L A F P R I V A T E THARDHIGE(GROUND FLR)SABUDHERIYA TEL: (960)7773601, E-WALL: olora/	LIMITED MAGU,MALE'20004, ovt@gmail.com,Web	RIGHT: THE CONCEPT AND D



THIRD TO EIGHTH FLOOR BEAM PLAN SCALE - 1:100



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## THIRD TO EIGHTH FLOOR SLAB RFMNT. PLAN SCALE - 1:100



SLAB THICKNESS = 140MM SLAB THICKNESS (SHADED AREA) = 165MM TOP RFMNT = T10 @ 150 C/C BW (SHOWN) BOTTOM RFMNT = T10 @ 150 C/C BW (NOT SHOWN) TOP DISTRIBUTION BARS = T10 @ 300 C/C BW (NOT SHOWN) REINFORCEMENT BARS WILL BE DISCONTINUOUS OVER VOIDS.

NOTES:		OULD BE USED ONLY FOR THE PROJECT MENTIONED ON THIS SHEET.
PROJECT TITLE: LOT 11701 MIXED-OFFICE BUILDIN HULHUMALE, MALDIVE	G S	PVT LTD. THIS DRAWINGS SH
CLIENT : MALDIVES HAJJ COI	RPORAT <b>I</b> ON	DF ALANF
ARCHITECT: ZAFARULLA ENGINEER: RIFZAN	PROJECT NO. MHC-15/2022	E PROPERTIES (
ARC CHKR: SHAMIN	DRAWING NO.	ARE TH
STR CHKR: ASHRAF	A10	DRAWING
DRAWN: Z.S	0⊦ S20	IN THIS
DATE: DEC 2022		DESIGN
ALAAF PRIVATE HARUEHIGE(GROUND FLR)SABUDHERIYA TEL: (960)7773601, E-MAIL: oloqf.	LIMITED MAGU, MALE'20004, ovt@gmail.com, Web	PYRIGHT: THE CONCEPT AND







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NOTES:	
project title: LOT 11701 MIXED-OFFICE BUILDIN HULHUMALE, MALDIVE	NG ES
CLIENT : MALDIVES HAJJ CO	RPORATION
ARCHITECT: ZAFARULLA ENGINEER: RIFZAN	PROJECT NO. MHC-15/2022
ARC CHKR: SHAMIN	DRAWING NO.
STR CHKR: ASHRAF DRAWN: Z.S	A11 OF S20
DATE: DEC 2022	



TERRACE FLOOR SLAB RFMNT. PLAN SCALE - 1:100



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NOTE:-SLAB THICKNESS = 140MM SLAB THICKNESS (SHADED AREA) = 165MM TOP RFMNT = T10 @ 150 C/C BW (SHOWN) BOTTOM RFMNT =T10 @ 150 C/C BW (NOT SHOWN) TOP DISTRIBUTION BARS = T10 @ 300 C/C BW (NOT SHOWN) REINFORCEMENT BARS WILL BE DISCONTINUOUS OVER VOIDS.

NOTES:	
PROJECT TITLE: LOT 11701 MIXED-OFFICE BUILD HULHUMALE, MALDI	DING IVES
CLIENT: MALDIVES HAJJ	CORPORATION
ARCHITECT: ZAFARULLA ENGINEER: RIFZAN	PROJECT NO. MHC-15/2022
ARC CHKR: SHAMIN STR CHKR: ASHRAF DRAWN: Z.S DATE: DEC 2022	DRAWING NO. A12 OF S20
A LA A F P R IVATE THARUEHIGE(GROUND FLR)SABUDHE TEL: (960)7773601, E-MAIL: 0	LIMITED RIYA MAGU,MALE'20004, Islaaf.pvt@gmail.com,Web



LIFT MACHINE ROOM & ROOF BEAM PLAN SCALE - 1:100



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NOTES:	
PROJECT TITLE: LOT 11701 MIXED-OFFICE BUILDIN HULHUMALE, MALDIVE	G S
CLIENT : MALDIVES HAJJ CO	RPORATION
ARCHITECT: ZAFARULLA ENGINEER: RIFZAN	PROJECT NO. MHC-15/2022
ARC CHKR: SHAMIN	DRAWING NO.
STR CHKR: ASHRAF DRAWN: Z.S DATE: DEC 2022	A13 OF S20
A LA A F PRIVATE THARUEHIGE(GROUND FLR)SABUHERIYA TEL: (960)773601, E-MAIL: alaaf.	L I M I T E D MAGU,MALE'20004, port@gmail.com,Web



## LIFT MACHINE ROOM & ROOF SLAB RFMNT. PLAN SCALE - 1:100



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VALIDITY: 22.03.22 - 22.09.23

ACCREDITED CHECKE STRUCTURAL CHECKER AT

SLAB THICKNESS = 140MMSLAB THICKNESS (SHADED AREA) = 190MM TOP RFMNT = T10 @ 150 C/C BW (SHOWN) BOTTOM RFMNT = T10 @ 150 C/C BW (NOT SHOWN) TOP DISTRIBUTION BARS = T10 @ 300 C/C BW (NOT SHOWN) REINFORCEMENT BARS WILL BE DISCONTINUOUS OVER VOIDS.

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AF EN AF	RCHITECT: ZAFARULLA NGINEER: RIFZAN RC CHKR: SHAMIN TR CHKR: ASHRAF	ORPORATION PROJECT N MHC-15/2022 DRAWING N A14
AF EN AF S1	RCHITECT: ZAFARULLA NGINEER: RIFZAN RC CHKR: SHAMIN TR CHKR: ASHRAF RAWN: Z.S	DRPORATION PROJECT N MHC-15/2022 DRAWING N A14 OF S20



## LIFT MACHINE ROOM ROOF BEAM & SLAB PLAN SCALE - 1:100



NOTES:		IN THE DRUIECT MENTIONED ON THIS SHEET
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PROJECT TITLE: LOT 11701 MIXED-OFFICE BUILDIN HULHUMALE, MALDIVE	G S	HS SUNIMARIA SIHT OT I THE
CLIENT : MALDIVES HAJJ COI	RPORAT <b>IO</b> N	F ALAF
ARCHITECT: ZAFARULLA ENGINEER: RIFZAN	PROJECT NO. MHC-15/2022	F PROPERTIES C
ARC CHKR: SHAMIN	DRAWING NO.	C ARF TH
STR CHKR: ASHRAF DRAWN: Z.S DATE: DEC 2022	A15 OF S20	DESIGN IN THIS DRAWIN
A LAAF PRIVATE HARUEHDECGROUND FLF3RAUDHERTRA TEL: (960)7773601, E-MAIL: alada,	LIMITED MAGU,MALE'20004, ovt@gmail.com,Web	VRICHT THE CONCEPT AND I

#### FLOOR BEAM DETAILS SCALE - 1:20

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2T 12 2T 16

**e 9** - 2T 16













— 4T 25



SUPPORT

— 4T 25 — 4T 20

— 2T 16

— 4T 25

-T10 @150 C/C



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MID

– 2T 20

— 2T 12

2T 16

2T 20

— R6 @100 C/C



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SUPPORT

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(B6)

- 2T 20 - 2T 16

— 2T 12

- 2T 20

. — R6 @100 C/C



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-2R6 @100 C/C

SPECIFICATIONS FOR CONCRETE WORKS - USE RIVER SAND AND GRANITE FOR AGGREGATES. - MAIN REINFORCEMENT STEEL TO BE HIGH STRENGTH DEFORMED BARS FOR CONCRETING - USE WATER FREE OF SALT AND ANY OTHER IMPURITIES NOTE: - APPROVED TYPE OF WATER PROOFING TO BE APPLIED ON ALL THE FOUNDATION MIN. REINFORCEMENT CLEAR COVERS : - FOUNDATION BEAMS 50MM (BOT, TOP, SIDES) COLUMNS 

- COLUMINS	40MM (SIDES)
- SLAB BEAM	35MM (BOT), 40MM (SIDES)
- SLAB	30MM (BOT), 40MM (SIDES)







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NOTES:		SHOULD BE USED ONLY FOR THE PROJECT MENTIONED ON THIS SHEET.
PROJECT TITLE: LOT 11701 MIXED-OFFICE BUILDIN HULHUMALE, MALDIVE	IG S	F PVT LTD. THIS DRAWINGS S
CLIENT: MALDIVES HAJJ CO	RPORATION	F ALAM
ARCHITECT: ZAFARULLA ENGINEER: RIFZAN	PROJECT NO. MHC-15/2022	PROPERTIES C
ARC CHKR: SHAMIN	DRAWING NO.	ARE THE
STR CHKR: ASHRAF DRAWN: Z.S DATE: DEC 2022	A16 OF S20	DESIGN IN THIS DRAWING
A LA A F P R I V A T E THARUEHIGE(GROUND FLR)SABUDHERIYA TEL: (960)7773601, E-MAIL: olori,	LIMITED MAGU,MALE'20004, pvt@gmail.com,Web	RIGHT: THE CONCEPT AND L



FOUNDATION BEAM DETAILS

SCALE - 1:20

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MIXED-OFFICE BUILDIN	IG	ID. THIS
HULHUMALE, MALDIVE	S	PVT L
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ARCHITECT: ZAFARULLA	PROJECT NO.	ERTIES (
ENGINEER: RIFZAN	MHC-15/2022	E PROP
ARC CHKR: SHAMIN	DRAWING NO.	ARE TH
STR CHKR: ASHRAF	A17	RAWING
DRAWN: Z.S	OF S20	THIS D
DATE: DEC 2022	520	ESIGN IN
A LAAF PRIVATE THARUEHIGE(GROUND FLR)SABUDHERIYA TEL: (960)7773601, E-MAIL: oloof.	LIMITED MAGU,MALE'20004, pvt@gmail.com,Web	PYRIGHT: THE CONCEPT AND DI

	SPECIFICATIONS FOR CONCRETE WORKS				
	- USE RIVER SAND AND GRANITE FOR AGGREGATES.				
	- MAIN REINFORCEMENT STEEL TO BE				
HIGH STRENGTH DEFORMED BARS FOR CONCRETING					
	- USE WATER FREE OF SALT AND ANY OTHER IMPURITIES				
	NOTE:				
- APPROVED TYPE OF WATER PROOFING TO BE APPLIED ON ALL THE FOUNDATION					
	MIN. REINFORCEMENT CLEAR COVERS :				
	- FOUNDATION BEAMS	50MM (BOT, TOP, SIDES)			
	- COLUMNS	40MM (SIDES)			
	- SLAB BEAM	35MM (BOT), 40MM (SIDES)			
	- SLAB	30MM (BOT), 40MM (SIDES)			





![](_page_42_Figure_3.jpeg)

![](_page_43_Figure_0.jpeg)

![](_page_43_Figure_3.jpeg)

SCALE - 1:20

![](_page_43_Picture_5.jpeg)

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PROJECT TITLE:		SE SEC
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CLIENT: MALDIVES HAJJ COI	RPORATION	OF ALA
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ENGINEER: RIFZAN	MHC-15/2022	
ARC CHKR: SHAMIN	DRAWING NO.	ARE TH
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ALAAF PRIVATE	LIMITED	μ
THARIJEHIGE(GROUND FLR)SABUDHERIYA TEL: (960)7773601, E-MAIL: alaaf.	MAGU,MALE'20004, bot@gmail.com,Web	CH1:

![](_page_44_Figure_0.jpeg)

![](_page_44_Figure_1.jpeg)

![](_page_44_Figure_2.jpeg)

SCALE 1:20

![](_page_44_Picture_5.jpeg)

TYPICAL JUNCTION DETAILS OF BEAM & COLUMN SCALE 1:20

![](_page_44_Picture_7.jpeg)