

PROPOSED 03 STOREY ACCOMMODATION BUILDING AT

R.VANDHOO

KAAF ATOLL

REPUBLIC OF MALDIVES

CLIENT

MINISTRY OF ENVIRONMENT & ENERGY

ARCHITECTURAL & STRUCTURAL DRAWINGS

GENERAL NOTES

GENERAL

1. THE CONTRACTOR IS REQUIRED TO SUBMIT COORDINATED M&E PENETRATION DRAWINGS FOR APPROVAL.
2. ALL STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND SERVICE DRAWINGS, SPECIFICATIONS AND WRITTEN INSTRUCTIONS IF ISSUED DURING THE COURSE OF THE CONTRACT. ALL DISCREPANCIES SHALL BE REFEREED FOR DECISION BEFORE PROCEEDING WITH THE WORK. IF A CONFLICT OCCURS BETWEEN GENERAL SPECIFICATIONS AND ANY OF THESE DRAWINGS, THE INDIVIDUAL DRAWINGS SHALL GOVERN.
3. THE DRAWINGS SHALL NOT BE SCALED. ALL DIMENSIONS RELEVANT TO SETTING OUT AND OFF-SITE SHALL BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION AND FABRICATION IS COMMENCED.
4. DURING THE CONSTRUCTION PERIOD THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE STABILITY OF STRUCTURE AND ENSURE THAT NO STRUCTURAL ELEMENT BE OVERSTRESSED UNDER CONSTRUCTION ACTIVITIES.
5. WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE RELEVANT RECENT BS CODES OR OTHER ACCEPTABLE STANDARDS.
6. BASED ON THE DRAWINGS AND SPECIFICATIONS THE CONTRACTOR SHALL PRODUCE STRUCTURAL SHOP DRAWINGS FOR APPROVAL IF REQUESTED.
7. ALL DIMENSIONS TO STRUCTURAL DRAWINGS ARE IN MILLIMETERS UNLESS STATED OTHERWISE. ALL LEVELS ARE EXPRESSED IN METERS.
8. THE REINFORCED CONCRETE DESIGN IS BASED ON BS 8110 'STRUCTURAL USE OF CONCRETE'
9. REFER TO STANDARD AND TYPICAL DETAILS AS SHOWN IN THE TYPICAL DRAWINGS FOR DETAILS NOT SHOWN SPECIFICALLY.
10. ALL PROPS AND FRAMEWORK FOR BEAMS AND SLABS SHALL BE REMOVED BEFORE CONSTRUCTION OF ANY MASONRY WALLS OR OTHER PERMANENT LOADING ON THE SLAB.
11. ALL NON-LOAD BEARING WALLS SHALL BE KEPT CLEAR OFF THE UNDERSIDE OF SLABS AND BEAMS BY 30MM. THE JOINT SHALL BE FILLED WITH FIBRE BOARD OR COMPRESSIBLE MATERIAL PRESSED METAL COVERING BOTH SIDES OF THE JOINT, AND THE METAL COVERING SHALL BE FIXED TO SOFFIT OF THE BEAM OR SLAB AS THE CASE MAYBE.
12. THE CONTRACTOR IS REQUIRED TO SUBMIT A DRAWING SHOWING THE INTENDED SEQUENCE OF POURING, LOCATION AND DETAILS OF CONSTRUCTION JOINTS TO MINIMIZE THE POSSIBILITY OF OCCURRENCE OF SHRINKAGE CRACKS.
13. PRIOR TO COMMENCEMENT OF WORK THE CONTRACTOR SHALL SUBMIT THE FOLLOWING FOR THE APPROVAL BY THE EMPLOYER'S PERSONNEL:
 - 13.1. METHOD AND SEQUENCE OF CONSTRUCTION.
 - 13.2. DESIGN AND CALCULATION OF TEMPORARY SUPPORT TO EXCAVATION PREPARED AND APPROVED BY AN ACCREDITED GEOTECHNICAL ENGINEER.
 - 13.3. INSTRUMENTATION PROGRAMME TO MONITOR SOIL MOVEMENT, WATER TABLE AND SETTLEMENT.
 - 13.4. EFFECTS OF GROUND WATER LEVEL DRAW-DOWN.
 - 13.5. PRECAUTIONARY MEASURES TO AVOID DAMAGE TO NEIGHBORING BUILDING STRUCTURES.

FOUNDATIONS

1. ALL FOUNDATIONS HAS BEEN DESIGNED FOR SAFE GROUND PRESSURE OF 150 kN/m²
2. ALL BACKFILL SHOULD BE DONE WITH APPROVED MATERIAL AND SOURCE. ALL BACKFILL SHOULD BE STRUCTURAL FILL, COMPACTED IN LAYERS AS SPECIFIED.
3. WEAK POCKETS FOUND BELOW THE ASSUMED FOUNDATION LEVELS SHALL BE REMOVED AND REPLACED BY PLAIN CONCRETE.
4. IN CASE OF EXCAVATIONS BELOW THE ASSUMED LEVEL OF THE FOUNDATION, THE SOIL SHALL BE REPLACED BY PLAIN CONCRETE.
5. IN CASE GROUND WATER IS PRESENT ABOVE FOUNDATION LEVEL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING THE SITE, AND LOWERING THE GROUND WATER TO AT LEAST 70 cm BELOW LEVEL OF FOUNDATIONS.
6. THE CONTRACTOR SHALL MAINTAIN DRY WORKING CONDITIONS THROUGHOUT THE CONSTRUCTION PERIOD. RESTORING WATER TABLE CAN BE DONE AFTER BACKFILLING AND COMPACTION UP TO THE SLAB ON GRADE LEVEL, OR AS DIRECTED BY THE ENGINEER.
7. NO BACK FILLING SHALL BE PLACED AGAINST WALLS RETAINING EARTH, UNLESS THE WALLS ACHIEVE SUFFICIENT STRENGTH TO PREVENT MOVEMENT OR STRUCTURAL DAMAGE.

CONCRETE

1. CEMENT SHALL BE ORDINARY PORTLAND CEMENT TO BS 12.
2. CONCRETE GRADE:
 - 2.1. ALL IN-SITU STRUCTURAL CONCRETE SHALL HAVE MINIMUM 28 DAYS CUBE STRENGTH OF 30 N/mm² TO THE RELEVANT CLAUSES OF BS5328.
 - 2.2. ALL PLAIN CONCRETE (OR BLINDING) SHALL HAVE MINIMUM 28 DAYS CUBE STRENGTH OF 15 N/mm², TO THE RELEVANT CLAUSES OF BS5328.
3. AGGREGATES SHALL BE TO BS 882 WITH A NOMINAL SIZE OF 20 mm
4. SULPHATE RESISTING CEMENT SHALL BE USED FOR ALL CONCRETE IN CONTACT WITH GARBAGE.
5. NO OPENINGS, HOLES, CHASES OR EMBEDMENT OF PIPES OTHER THAN THOSE IN THE STRUCTURAL DRAWINGS SHALL BE MADE IN CONCRETE MEMBERS WITHOUT PRIOR APPROVAL.
6. CONSTRUCTION AND EXPANSION JOINTS SHALL BE PROPERLY FORMED AND USED ONLY WHERE SHOWN OR SPECIFICALLY APPROVED.
7. NO ELECTRICAL CONDUIT AND PIPES ARE TO BE CAST IN COLUMNS OR THROUGH BEAMS WITHOUT PRIOR APPROVAL UNLESS OTHERWISE SHOWN IN THE DRAWINGS.
8. OPENING IN SLABS:
 - 8.1. FOR OPENING LESS THAN 300 x 300 mm, BARS SHALL BE RE-ARRANGED AROUND THE OPENING.
 - 8.2. FOR OPENINGS GREATER THAN 300 x 300 mm BUT LESS THAN 450 x 450 mm AND NOT SHOWN ON PLAN, PROVIDE 2 DIA 12 TOP AND BOTTOM ALONG EACH SIDE AND T16 DIAGONALLY AT CORNERS OR AS OTHERWISE DETAILED. AMOUNT OF BARS DISCONTINUED DUE TO THE OPENING SHALL BE PLACED AT THE RESPECTIVE SIDES.
 - 8.3. OPENINGS GREATER THAN 450 x 450 mm AND NOT SHOWN ON PLAN SHALL BE APPROVED.
9. SHEAR KEY SHALL BE PROVIDED AT ALL CONSTRUCTION JOINTS.
10. WATERPROOFING SYSTEM AS SPECIFIED IN THE SPECIFICATIONS SHALL BE USED IN STRUCTURAL ELEMENTS WHICH ARE CONTINUOUSLY IN CONTACT WITH SOIL OR WATER ON LIFT PIT, ROOF SLAB, R.C. RETAINING WALL AND RAFT ETC.
11. TO PROVIDE INTEGRAL SEALING BETWEEN CONCRETE CAST IN-SITU IN SEPARATE POUR, APPROVED WATERSTOP HAS TO BE INSTALLED FOR ALL CONSTRUCTION JOINTS IN CONTACT WITH WATER AND SOIL.
12. SPECIAL RULES REGARDING CONCRETING IN HOT WEATHER SHALL BE OBSERVED.

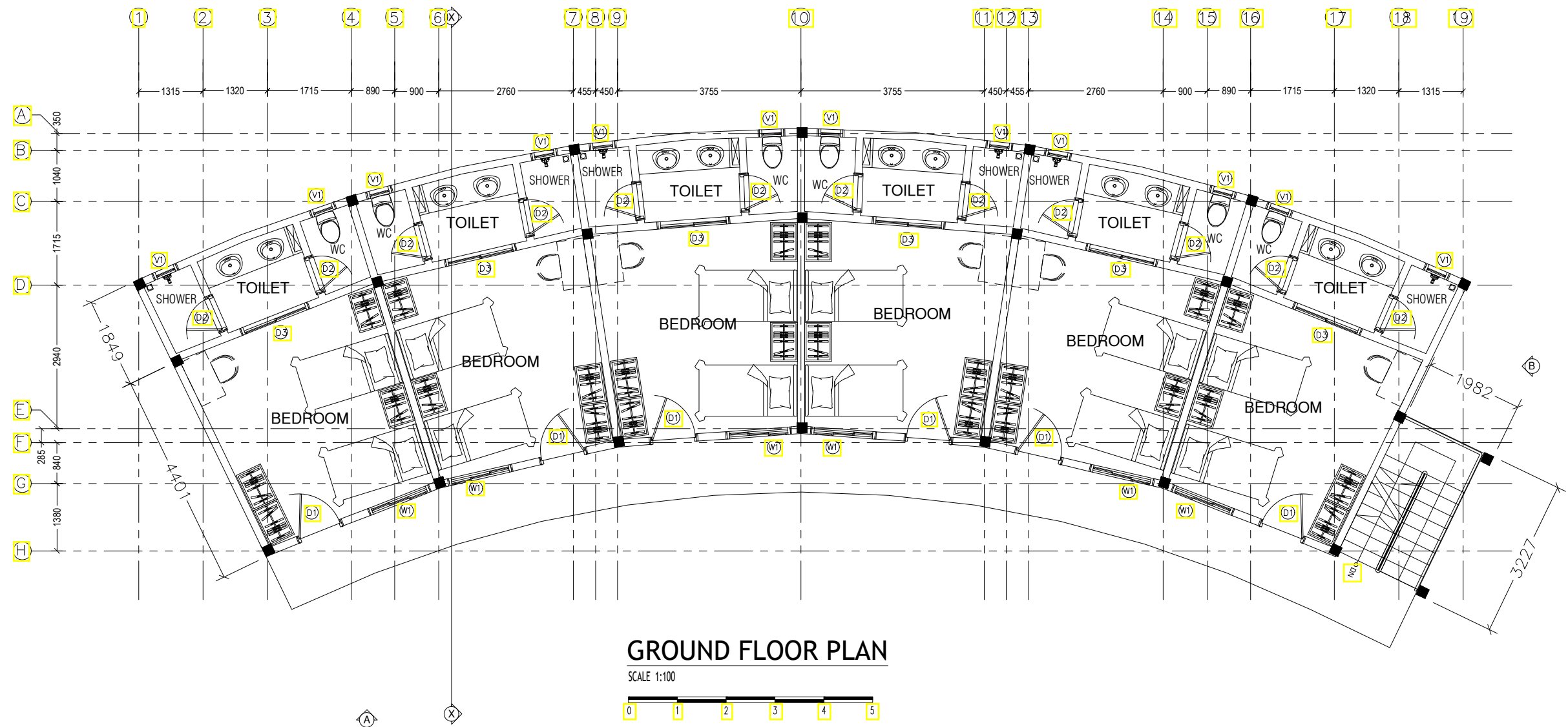
REINFORCEMENT

1. HIGH STRENGTH DEFORMED BARS DENOTED T SHALL CONFIRM TO BS-4449 WITH MINIMUM YIELD STRENGTH Fy= 460 N/mm², MILD STEEL DENOTED R SHALL HAVE 250 N/mm² YIELD STRENGTH. WELDED WIRE MESH SHALL COMPLY WITH BS-4483.
2. SPLICES IN REINFORCEMENT SHALL BE MADE ONLY IN THE POSITION SHOWN OR AS OTHERWISE APPROVED
3. SPACER BARS SHALL BE PROVIDED AT 100cm CENTERS WHEREVER REINFORCEMENT IS PLACED IN MORE THAN ONE LAYER, UNLESS STATED OTHERWISE
4. WELDING OF REINFORCEMENT SHALL NOT BE PERMITTED. IF REINFORCEMENT SHOULD BE WELDED, APPROVAL IS REQUIRED.
5. ALL REINFORCEMENT SHALL BE SUPPORTED IN ITS CORRECT POSITION DURING CONCRETING BY APPROVED BAR CHAIRS, SPACERS, OR SUPPORT BARS.
6. TYPICAL DEVELOPMENT AND SPLICES OF DEFORMED BARS WITH Fy = 460 N/mm² AND Fcu = 30 N/mm², (CUBE STRENGTH) SHALL BE AS FOLLOWS, UNLESS OTHERWISE MENTIONED IN DRAWINGS:
 - 6.1. BASIC TENSION DEVELOPMENT LENGTH, LD = 56 x BAR DIA
 - 6.2. MINIMUM COMPRESSION DEVELOPMENT LENGTH, LDC = 40 x BAR DIA (OR 300mm WHICH EVER IS MORE)
7. BENDING OF REINFORCEMENTS SHALL BE IN ACCORDANCE WITH BS 4466.

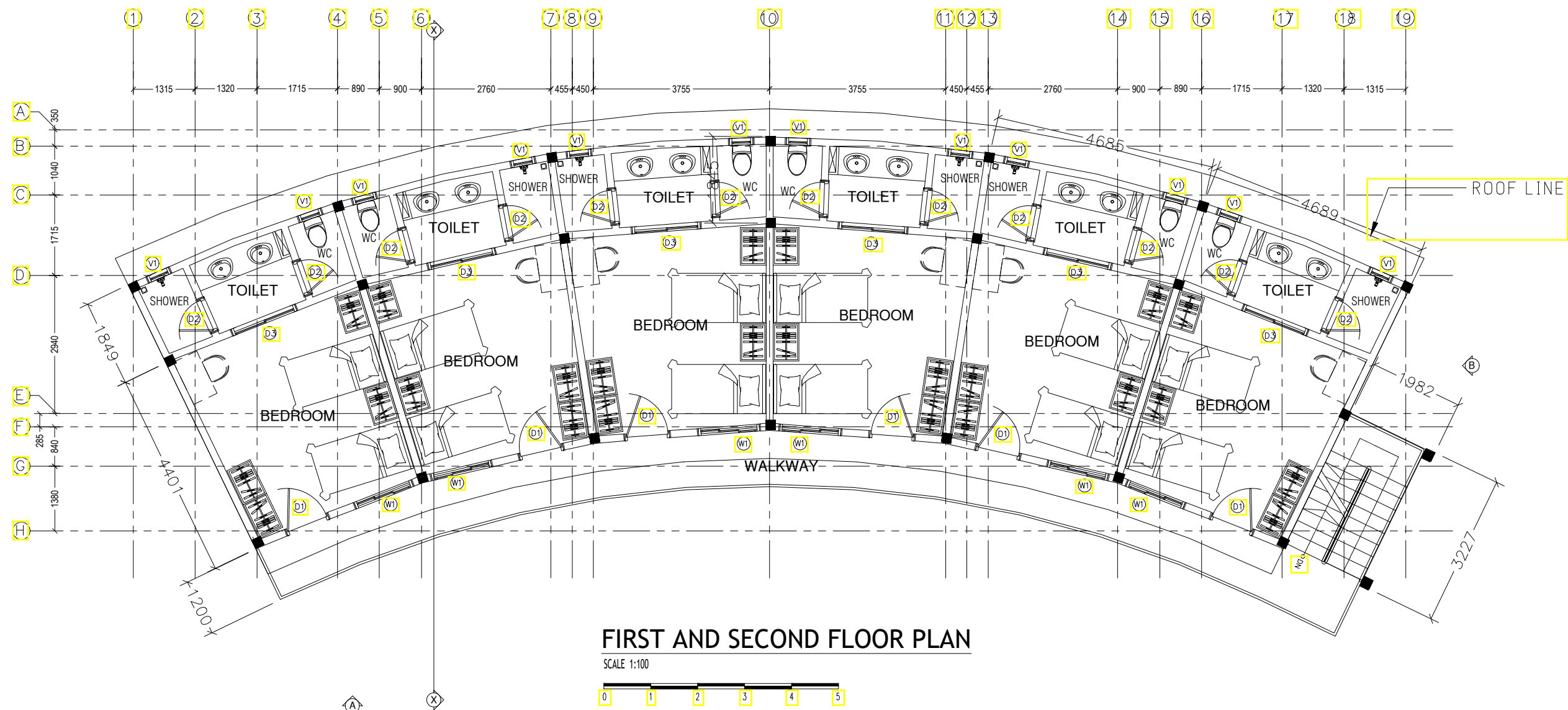
ABBREVIATIONS

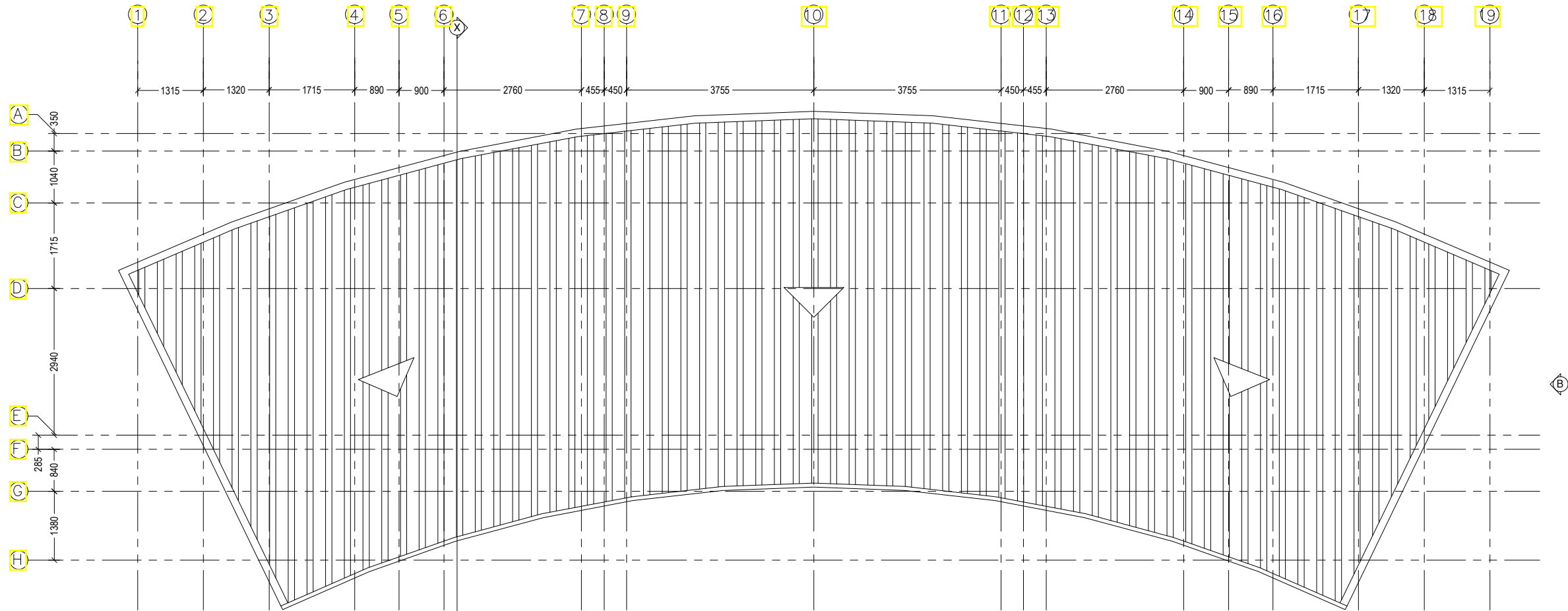
APPROX	-APPROXIMATE
B	-BEAM
B.W.	-BOTH WAYS
BOT OR BTM	-BOTTOM
BOB	-BOTTOM OF BASE
BOS	-BOTTOM OF STEEL
BOT	-BOTTOM OF TRUSS
(B1)	-BOTTOM STEEL BOTTOM REINFORCEMENT
(B2)	-BOTTOM STEEL TOP REINFORCEMENT
BLDG	-BUILDING
¢	-CENTER LINE
C/C	-CENTER TO CENTER
C	-COLUMN
CO-ORD	-CO-ORDINATE
DPC	-DAMP PROOF COURSE
DET OR DTL	-DETAIL
DIA	-DIAMETER
D/B	-DISTRIBUTION BAR
DWG	-DRAWING
EF	-EACH FACE
EW	-EACH WAY
EL	-ELEVATION (HEIGHT)
ELEV	-ELEVATION (VIEW)
FF	-FAR FACE
FS	-FAR SIDE
FW	-FILLET WELD
FFL	-FINISHED FLOOR LEVEL
FDN OR FND	-FOUNDATION
FB	-FOUNDATION BEAM
GA	-GENERAL ARRANGEMENT
G.I.	-GALVANIZED IRON
IL	-INVERT LEVEL
LG	-LONG OR LENGTH
MAX	-MAXIMUM
MKD	-MARKED
MIN	-MINIMUM
MISC	-MISCELLANEOUS
N/F	-NEAR FACE
N/S	-NEAR SIDE
NOM	-NOMINAL
NTS	-NOT TO SCALE
Nos	-NUMBERS
O/D	-OUTSIDE DIAMETER
PL	-PAVEMENT LEVEL
PROJ	-PROJECTION
QTY	-QUANTITY
RAD	-RADIUS
R.C.	-REINFORCED CONCRETE
REQ'D	-REQUIRED
SW	-SHEAR WALL
STIFF	-STIFFENER
SQ	-SQUARE
SFL	-STRUCTURAL FINISH LEVEL
THK	-THICK (NESS)
TEMP	-TEMPORARY
TOB	-TOP OF BEAM
TOC	-TOP OF COLUMN
TOG	-TOP OF GROUT
TO Platf	-TOP OF PLATFORM
TS	-TOP OF SLAB
TOS	-TOP OF STEEL
TOT	-TOP OF TRUSS
TYP	-TYPICAL
U/S	-UNDERSIDE
UNO	-UNLESS NOTED OTHERWISE
(T1)	-TOP STEEL TOP REINFORCEMENT
(T2)	-TOP STEEL BOTTOM REINFORCEMENT
(UPB)	-UPSTAND BEAM

MA. ROSE VILLA S.E. 2ND FLOOR		
DHEVNA MAGU, MALE, 20199 MALDIVES		
E-MAIL: hushaheed@gmail.com / TEL: +960 7795469, +960 3307557		
PROJECT TITLE:		
STAFF ACCOMMODATION		
3 STOREY BUILDING		
R.VANDHOO		
CLIENT :		
MINISTRY OF ENVIRONMENT & ENERGY		
DESIGN:	-	PAGE NO.
S.ENG:	NIHADH	A1
S.Off:	H.SHAHEEDH	
DATE:	AUG 2019	
SCALE:	AS GIVEN	



MA, ROSE VILLA S.E. 2ND FLOOR DHEVNA MAGU, MALE, 20199 MALDIVES E-MAIL: hushaheed@gmail.com / TEL: +960 7795469, +960 3307557		
PROJECT TITLE: STAFF ACCOMMODATION 3 STOREY BUILDING R.VANDHOO		
CLIENT : MINISTRY OF ENVIRONMENT & ENERGY		
DESIGN:	-	PAGE NO.
S.ENG:	NIHADH	A2
S.Off:	H.SHAHEEDH	
DATE:	AUG 2019	
SCALE:	AS GIVEN	





ROOF PLAN

SCALE 1:100



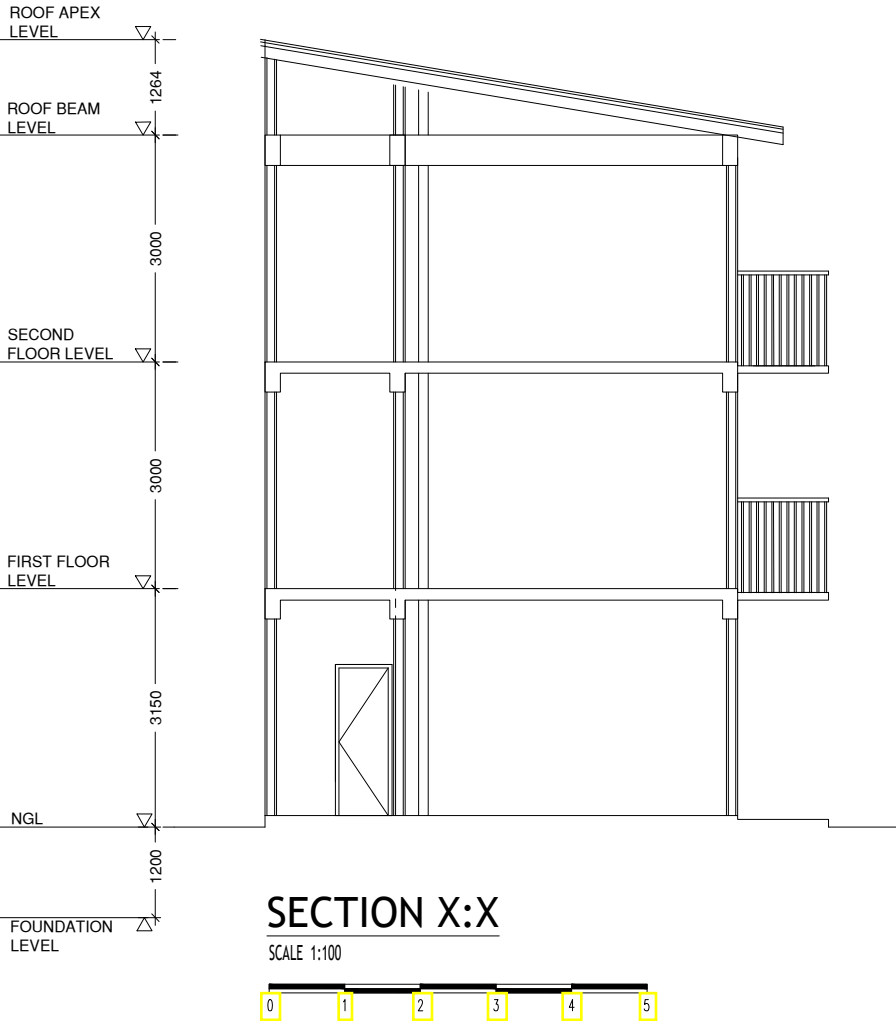
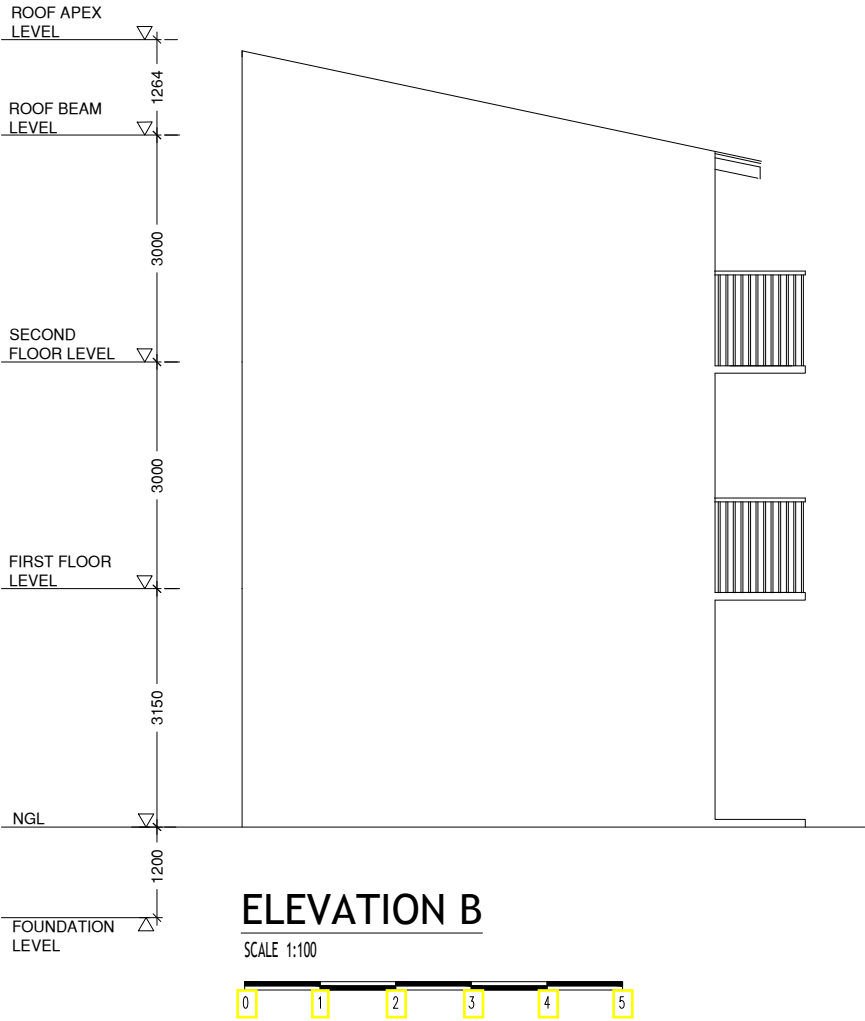
MA. ROSE VILLA S.E. 2ND FLOOR
DHEVNA MAGU, MALE, 20199 MALDIVES
E-MAIL: hushaheed@gmail.com / TEL: +960 7795469, +960 3307557

PROJECT TITLE:
STAFF ACCOMMODATION
3 STOREY BUILDING
R.VANDHOO

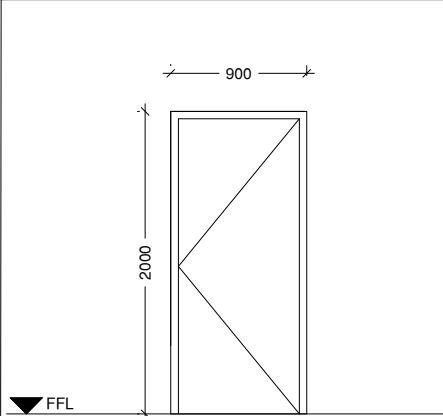
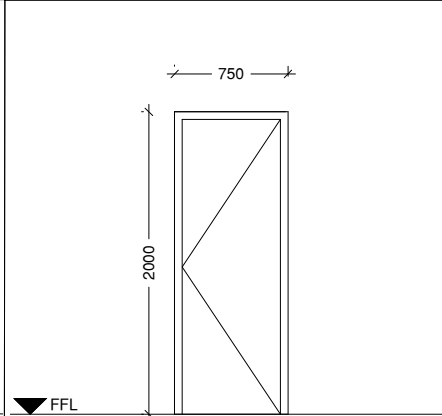
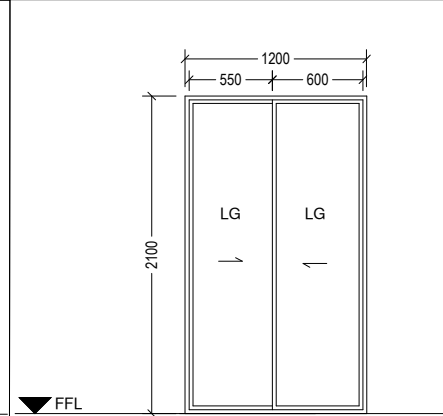
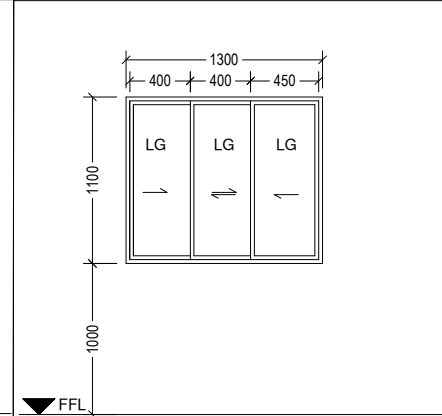
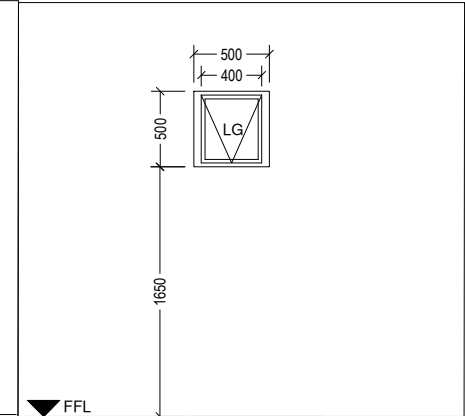
CLIENT :
MINISTRY OF ENVIRONMENT & ENERGY

DESIGN:	-	PAGE NO.
S.ENG:	NIHADH	A4
S.CHE:	H.SHAHEEDH	
DATE:	AUG 2019	
SCALE:	AS GIVEN	

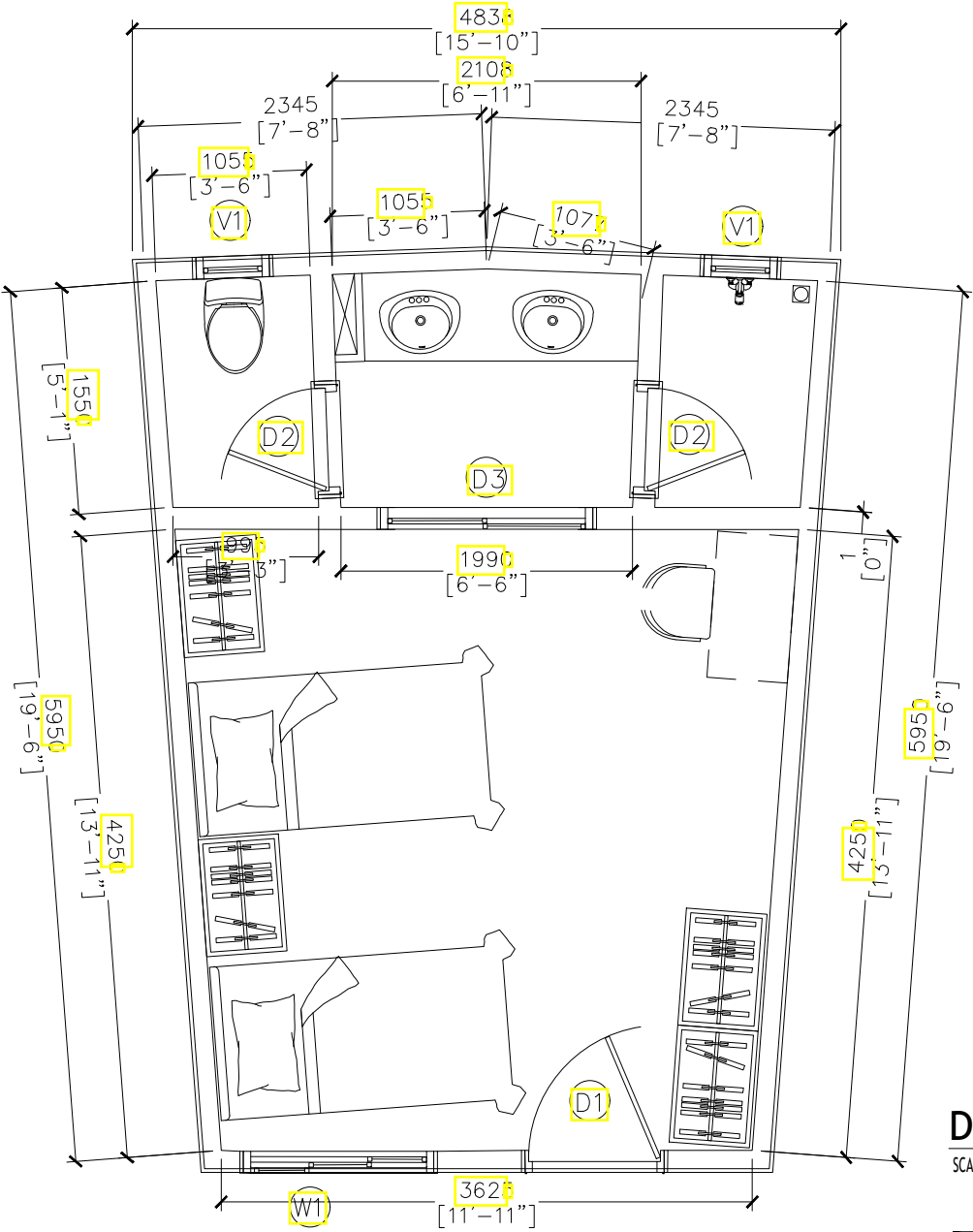




MA, ROSE VILLA S.E. 2ND FLOOR		
DHEVNA MAGU, MALE, 20199 MALDIVES		
E-MAIL: hushaheed@gmail.com / TEL: +960 7795469, +960 3307557		
PROJECT TITLE:		
STAFF ACCOMMODATION		
3 STOREY BUILDING		
R.VANDHOO		
CLIENT :		
MINISTRY OF ENVIRONMENT & ENERGY		
DESIGN:	-	PAGE NO.
S.ENG:	NIHADH	A6
S. CHIEF:	H. SHAHEEDH	
DATE:	AUG 2019	
SCALE:	AS GIVEN	

									
D1		D2		D3		W1		V1	
REMARKS		SOLID TIMBER DOOR PANEL		REMARKS		ALUMINIUM WINDOW WITH SLIDING WINDOW PANELS		REMARKS	
AREA:		3.235 m²		AREA:		3.235 m²		AREA:	
		1.50 m²						3.235 m²	
		SOLID TIMBER DOOR PANEL						OPENABLE ALUMINIUM FRAMED WINDOW	

LG - LAMINATED GLASS



DIMENSION PLAN
SCALE 1:50

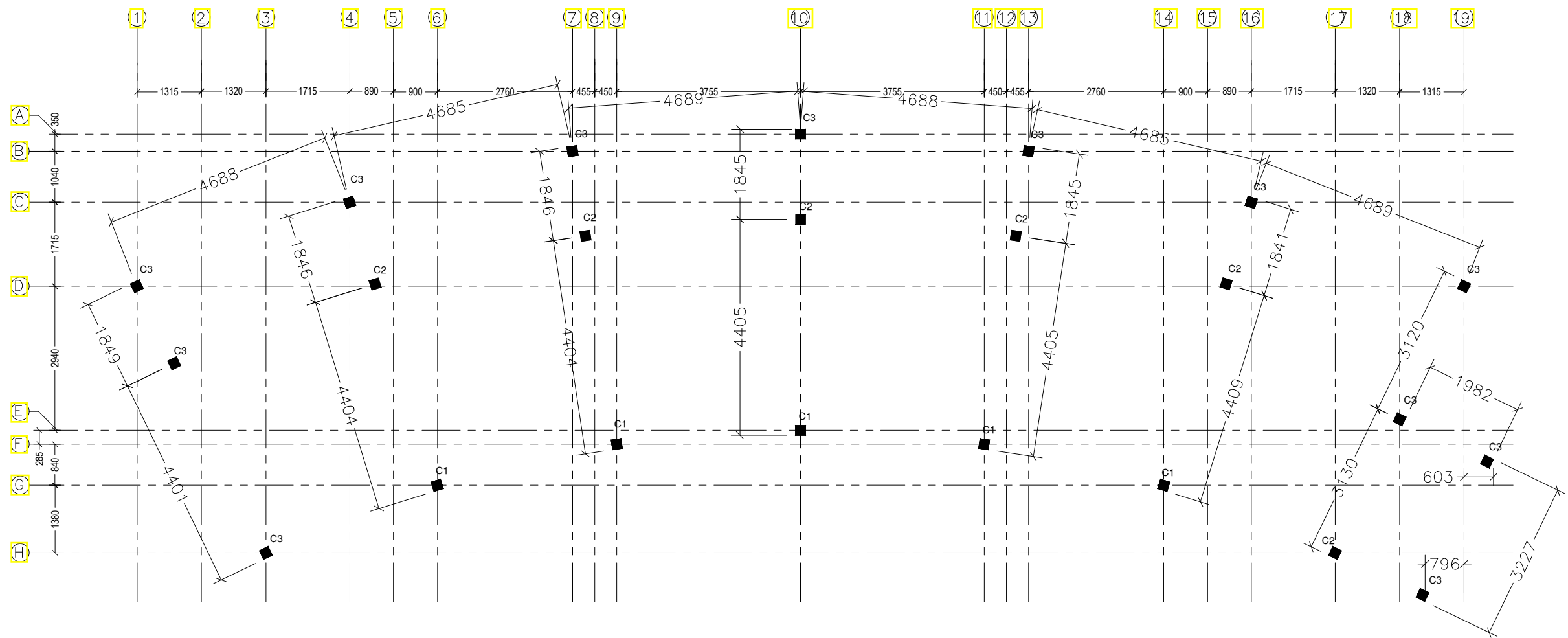


MA. ROSE VILLA S.E, 2ND FLOOR
DHEVINA MAGU, MALE, 20199, MALDIVES
E-MAIL: hushaheed@gmail.com / TEL: +960 7795469, +960 3307557

PROJECT TITLE:
STAFF ACCOMMODATION
3 STOREY BUILDING
R.VANDHOO

CLIENT :
MINISTRY OF ENVIRONMENT & ENERGY

DESIGN:	-	PAGE NO.
S.ENG:	NIHADH	A7
S.CHE:	H.SHAHEEDH	
DATE :	AUG 2019	
SCALE:	AS GIVEN	

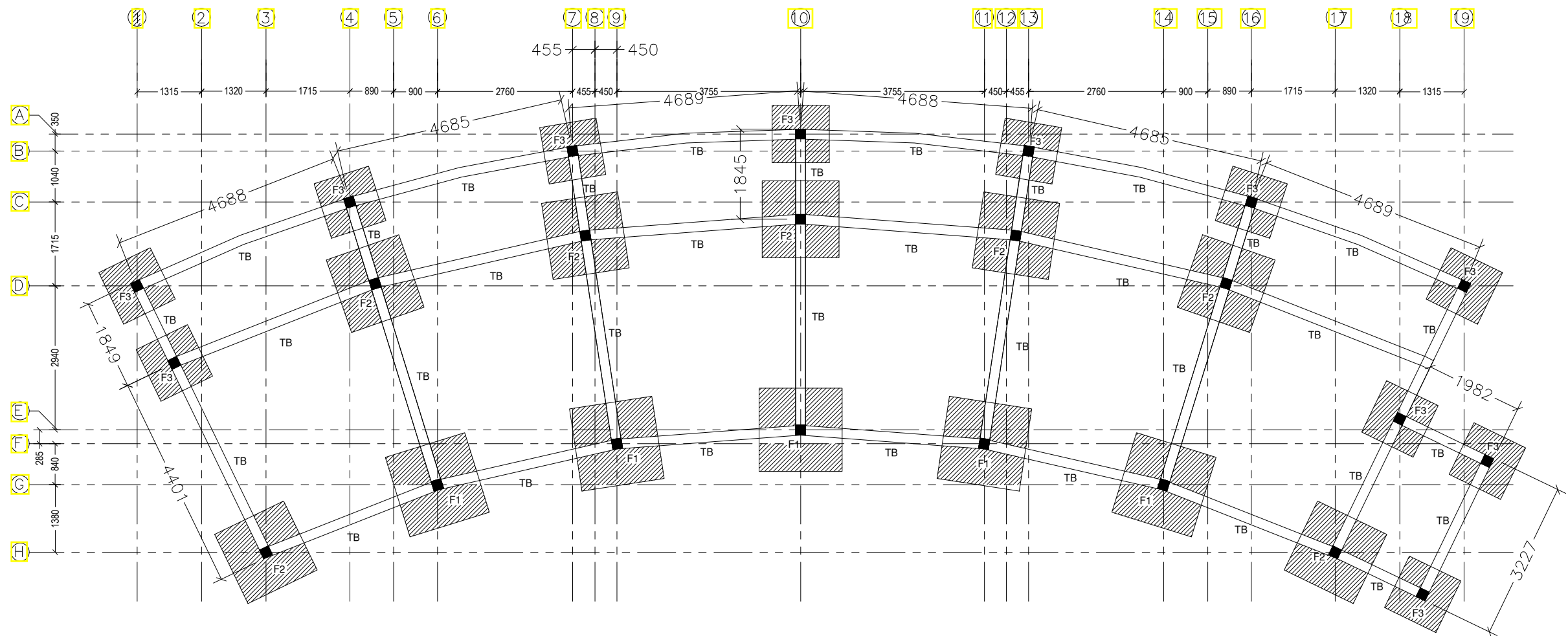


COLUMN LOCATION PLAN

SCALE 1:100



MA, ROSE VILLA S.E. 2ND FLOOR DHEVNA MAGU, MALE, 20199 MALDIVES E-MAIL: hushaheed@gmail.com / TEL: +960 7795469, +960 3307557		
PROJECT TITLE: STAFF ACCOMMODATION 3 STOREY BUILDING R.VANDHOO		
CLIENT : MINISTRY OF ENVIRONMENT & ENERGY		
DESIGN:	-	PAGE NO.
S.ENG:	NIHADH	S1
S.CHE:	H.SHAHEEDH	
DATE:	AUG 2019	
SCALE:	AS GIVEN	

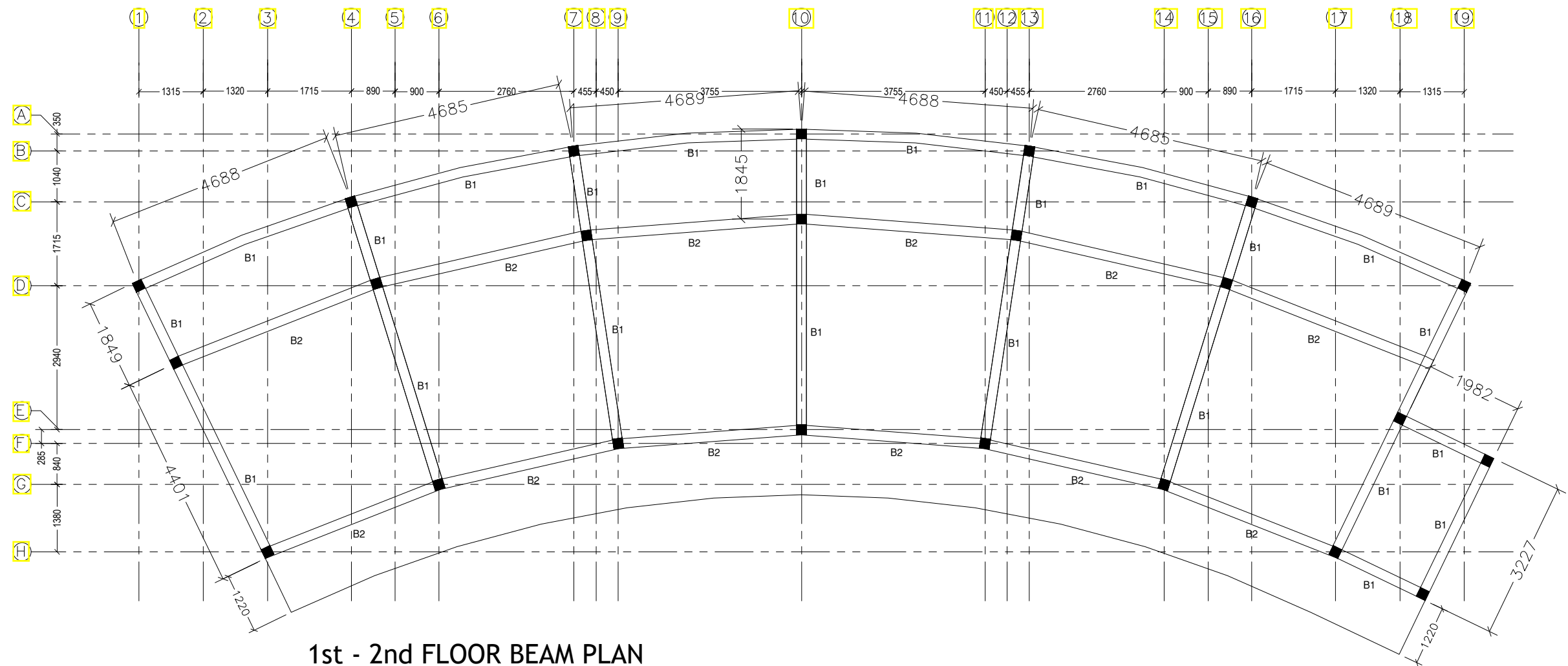


FOUNDATION PLAN

SCALE 1:100



MA. ROSE VILLA S.E. 2ND FLOOR DHEVNA MAGU, MALE, 20199 MALDIVES E-MAIL: hushaheed@gmail.com / TEL: +960 7795469, +960 3307557		
PROJECT TITLE: STAFF ACCOMMODATION 3 STOREY BUILDING R.VANDHOO		
CLIENT : MINISTRY OF ENVIRONMENT & ENERGY		
DESIGN:		PAGE NO. S2
S.ENG:	NIHADH	
S.CHE:	H.SHAHEEDH	
DATE:	AUG 2019	
SCALE:	AS GIVEN	

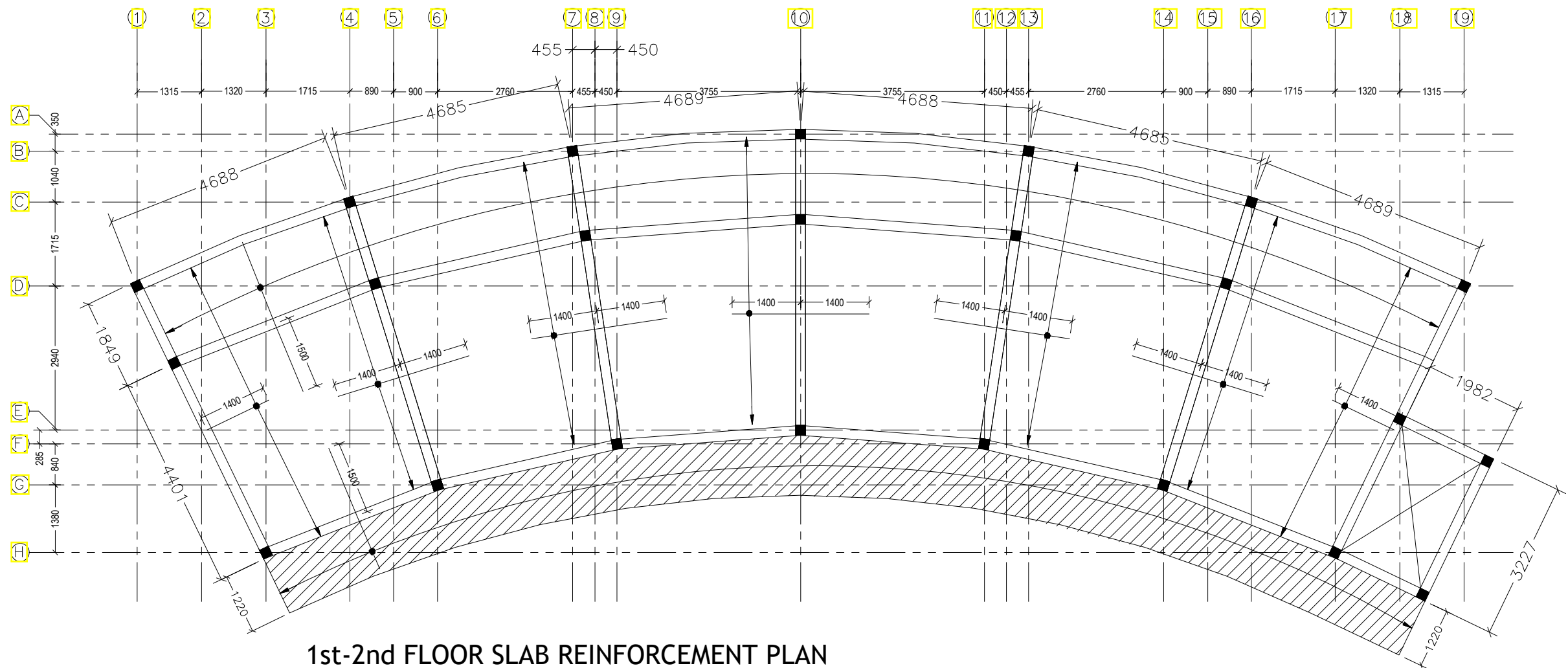


1st - 2nd FLOOR BEAM PLAN

SCALE 1:100



MA. ROSE VILLA S.E. 2ND FLOOR DHEVNA MAGU, MALE. 20199 MALDIVES E-MAIL: hushaheed@gmail.com / TEL: +960 7795469, +960 3307557		
PROJECT TITLE: STAFF ACCOMMODATION 3 STOREY BUILDING R.VANDHOO		
CLIENT : MINISTRY OF ENVIRONMENT & ENERGY		
DESIGN:	-	PAGE NO.
S.ENG:	NIHADH	S3
S.CHE:	H.SHAHEEDH	
DATE:	AUG 2019	
SCALE:	AS GIVEN	



1st-2nd FLOOR SLAB REINFORCEMENT PLAN

SCALE 1:100



NOTE:

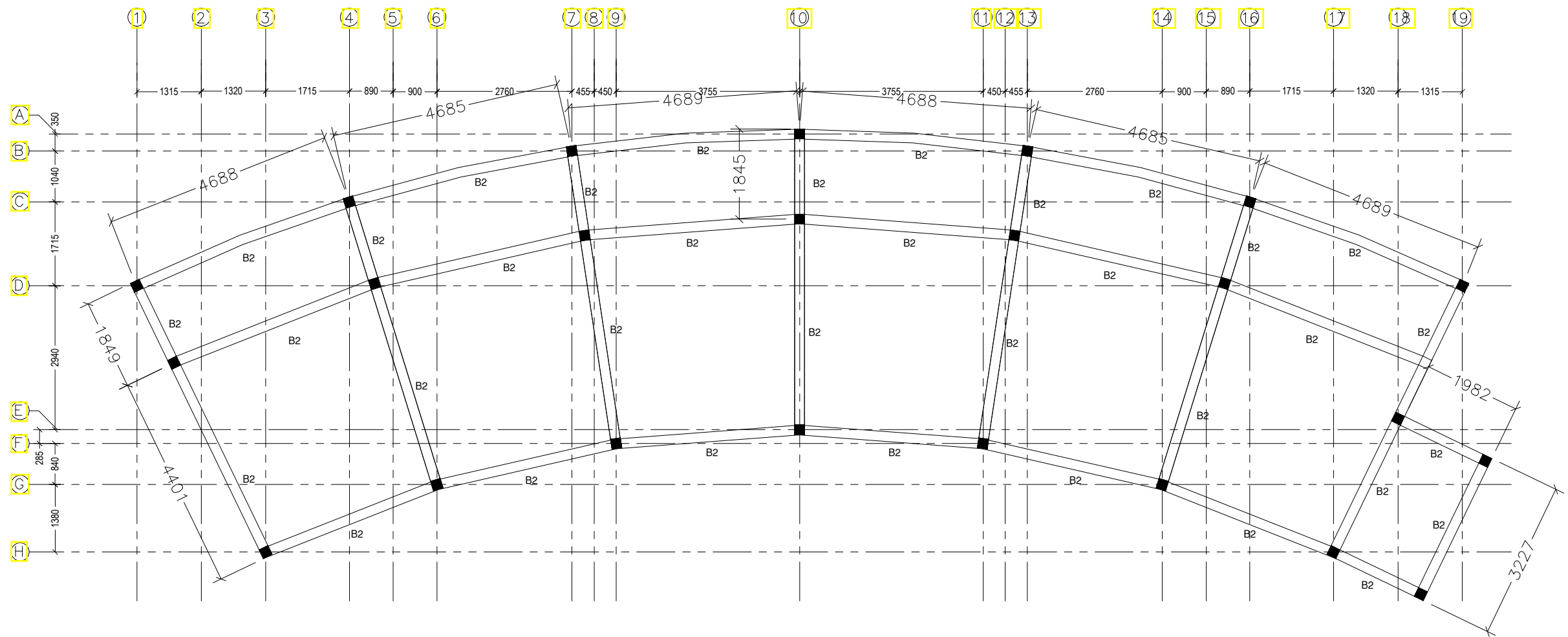
Slab thickness =140mm
Top reinforcement =T10@150 c/c (as shown)
Bottom reinforcement =T10@150 c/c (bothways not shown)
Top distribution steel =T10@150 c/c (not shown)



Shaded area slab thickness =150mm
Top reinforcement =T10@150 c/c (bothways not shown)
Bottom reinforcement =T10@150 c/c (bothways not shown)

All reinforcement discontinues over voids
Top steel over non - continuous edges shall be bent into the beam by 150mm
Exact positions and sizes of structural slab opening for sanitary ware is based on the fitting type

MA. ROSE VILLA S.E. 2ND FLOOR DHEVNA MAGU, MALE. 20199 MALDIVES E-MAIL: hushaheed@gmail.com / TEL: +960 7795469, +960 3307557		
PROJECT TITLE: STAFF ACCOMMODATION 3 STOREY BUILDING R.VANDHOO		
CLIENT : MINISTRY OF ENVIRONMENT & ENERGY		
DESIGN:		PAGE NO.
S.ENG:	NIHADH	S4
S.CHIE:	H.SHAHEEDH	
DATE:	AUG 2019	
SCALE:	AS GIVEN	

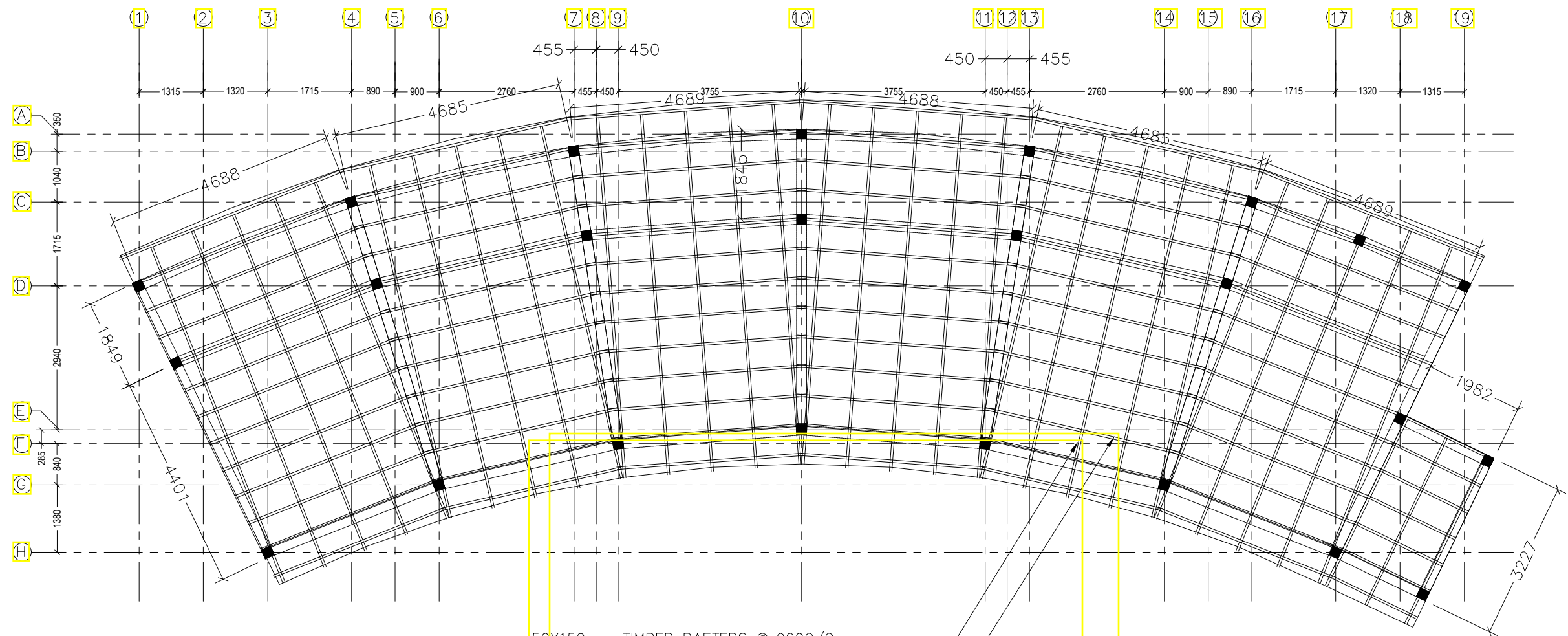


ROOF BEAM PLAN

SCALE 1:100

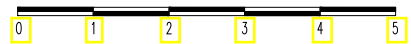


MA. ROSE VILLA S.E. 2ND FLOOR DHEVNA MAGU, MALE, 20199 MALDIVES E-MAIL: hushaheed@gmail.com / TEL: +960 7795469, +960 3307557		
PROJECT TITLE: STAFF ACCOMMODATION 3 STOREY BUILDING R.VANDHOO		
CLIENT : MINISTRY OF ENVIRONMENT & ENERGY		
DESIGN:	-	PAGE NO.
S.ENG:	NIHADH	S5
S.CHE:	H.SHAHEEDH	
DATE:	AUG 2019	
SCALE:	AS GIVEN	



ROOF FRAMING PLAN

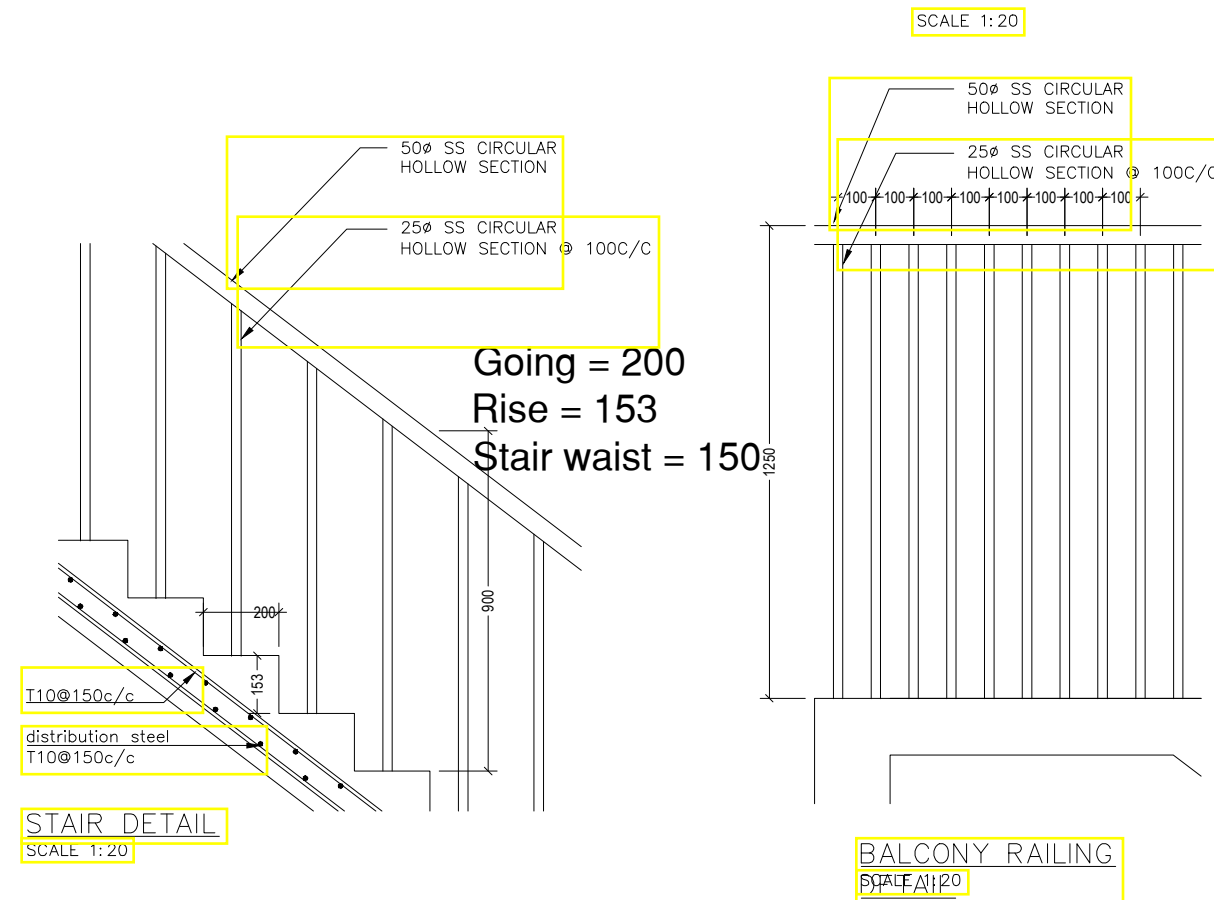
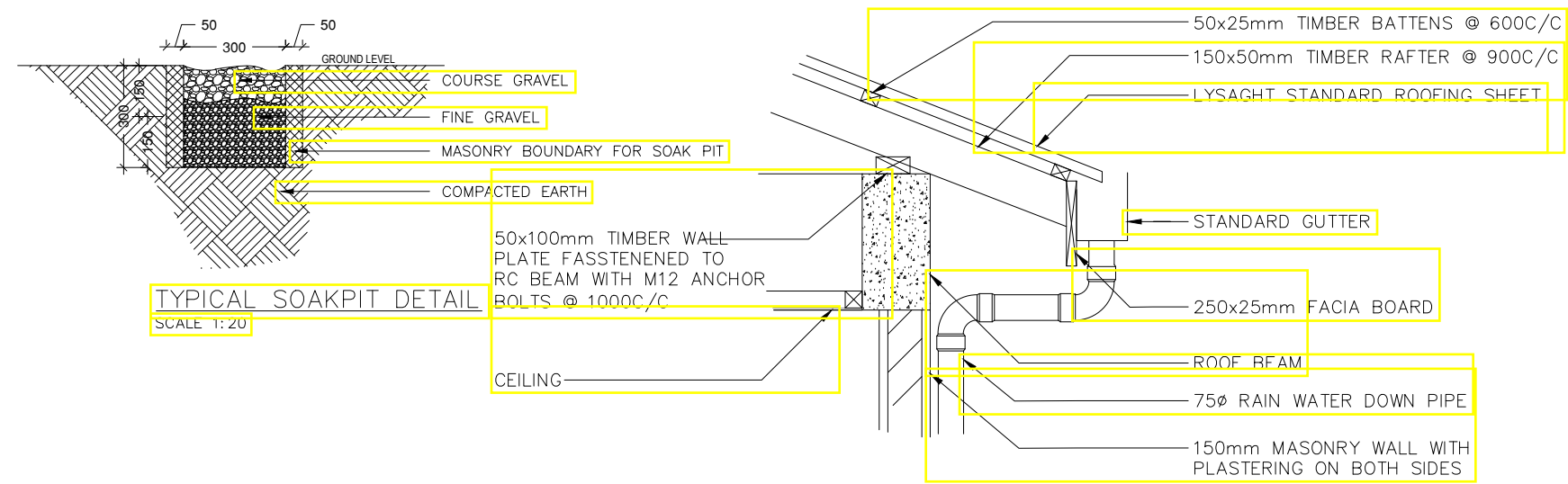
SCALE 1:100

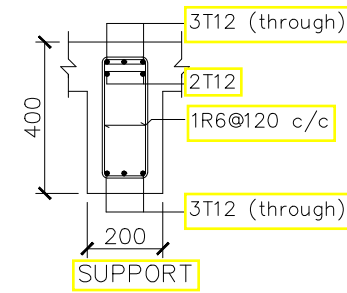
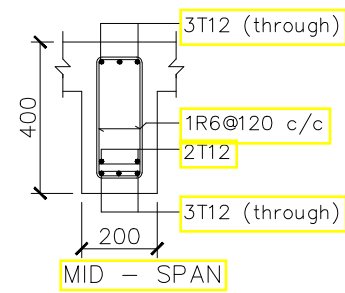
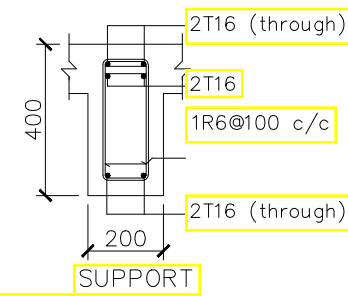
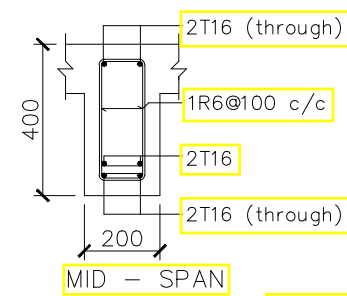
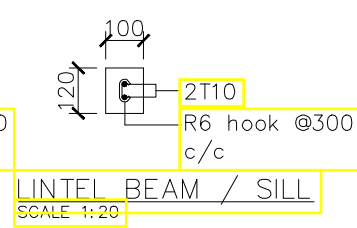
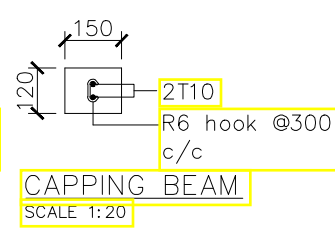
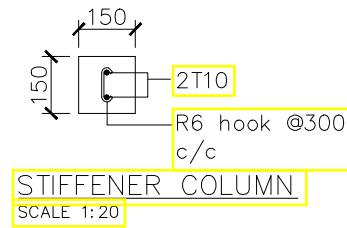
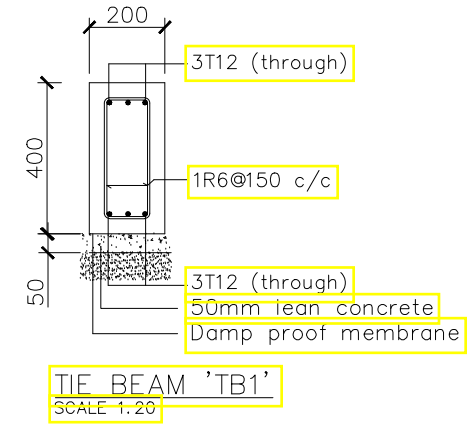
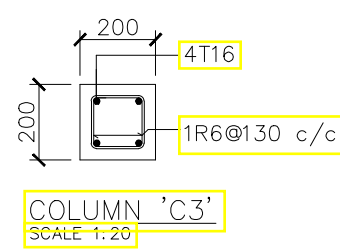
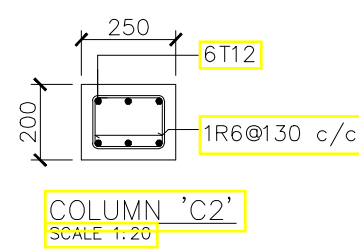
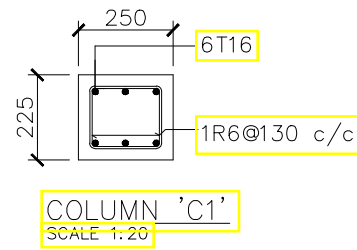


50X150mm TIMBER RAFTERS @ 900C/C

25X35mm TIMBER BATTENS @ 600C/C

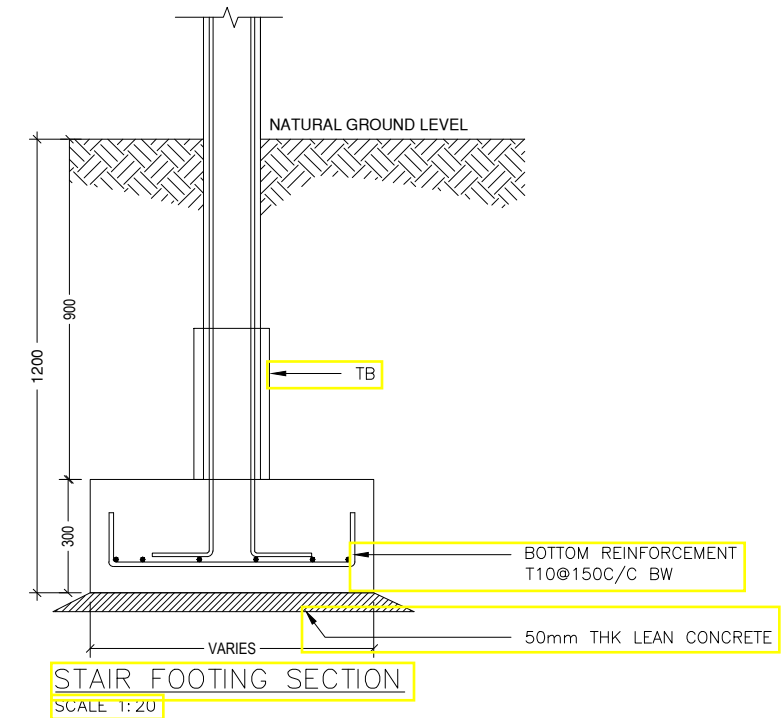
MA. ROSE VILLA S.E. 2ND FLOOR DHEVNA MAGU, MALE, 20199 MALDIVES E-MAIL: hushaheed@gmail.com / TEL: +960 7795469, +960 3307557		
PROJECT TITLE: STAFF ACCOMMODATION 3 STOREY BUILDING R.VANDHOO		
CLIENT : MINISTRY OF ENVIRONMENT & ENERGY		
DESIGN:	-	PAGE NO.
S.ENG:	NIHADH	S6
S.CHE:	H.SHAHEEDH	
DATE:	AUG 2019	
SCALE:	AS GIVEN	

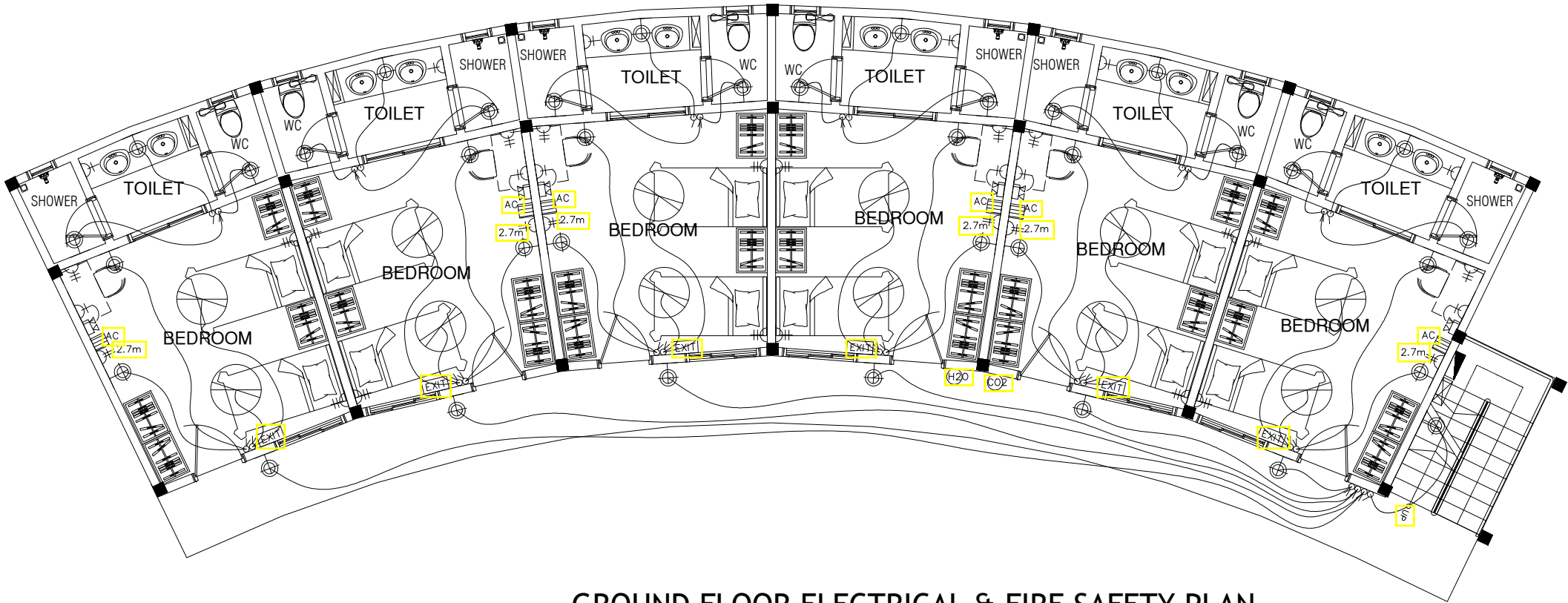




FOUNDATION DETAIL (DEPTH=1.2m)

F1= 1700x1700x350	T12@120c/c (BW)
F2= 1570x1570x350	T12@120c/c (BW)
F3= 1170x1170x350	T10@120c/c (BW)





GROUND FLOOR ELECTRICAL & FIRE SAFETY PLAN

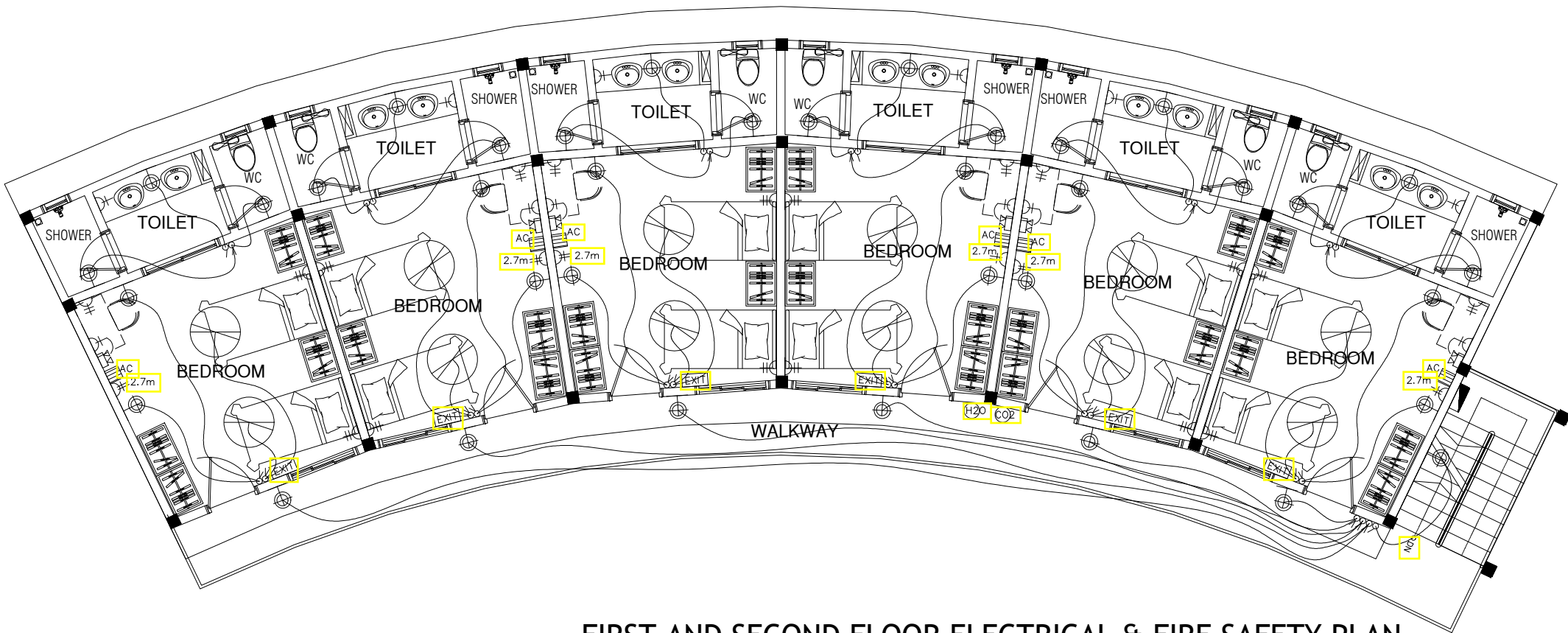
SCALE 1:100



LEGEND - ELECTRICAL

SYMBOL	DESCRIPTION
	INHOUSE DISTRIBUTION BOARD
	MAIN DISTRIBUTION BOARD
	1WAY SWITCH TWO GANG
	2WAY SWITCH SINGLE GANG (UOS)
	1WAY SWITCH SINGLE GANG
	13A X 1G POWER SOCKET (UOS)
	13A X 2G POWER SOCKET (UOS)
	15A X 1G POWER SOCKET (UOS)
	TELEPHONE COCKET (RJ11) (UOS)
	TV SOCKET (RF) (UOS)
	WALL MOUNTED LIGHT FITTING
	CEILING MOUNTED LIGHT FITTING
	CEILING MOUNTED LIGHT FITTING
	EMERGENCY LIGHT (2HR)
	CEILING FAN
	AC UNIT
	EXHAUST FAN
	EXIT SIGN
	FIRE EXTINGUISHER - WATER
	FIRE EXTINGUISHER - DRY POWDER
	FIRE EXTINGUISHER - CO2
	WATER SPRINKLER WITH IONIZATION SMOKE DETECTOR

GENERAL NOTE:
*UOS - UNLESS OTHERWISE STATED
1. ALL TOILET EXHAUSTS SHALL BE CONNECTED TO TOILET LIGHT SWITCHES



FIRST AND SECOND FLOOR ELECTRICAL & FIRE SAFETY PLAN

SCALE 1:100

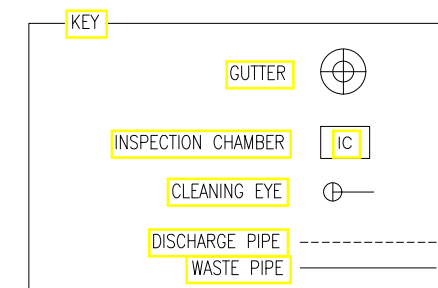


LEGEND - ELECTRICAL

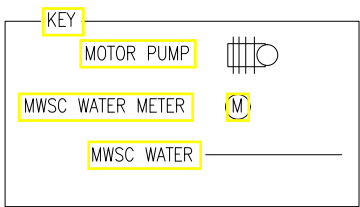
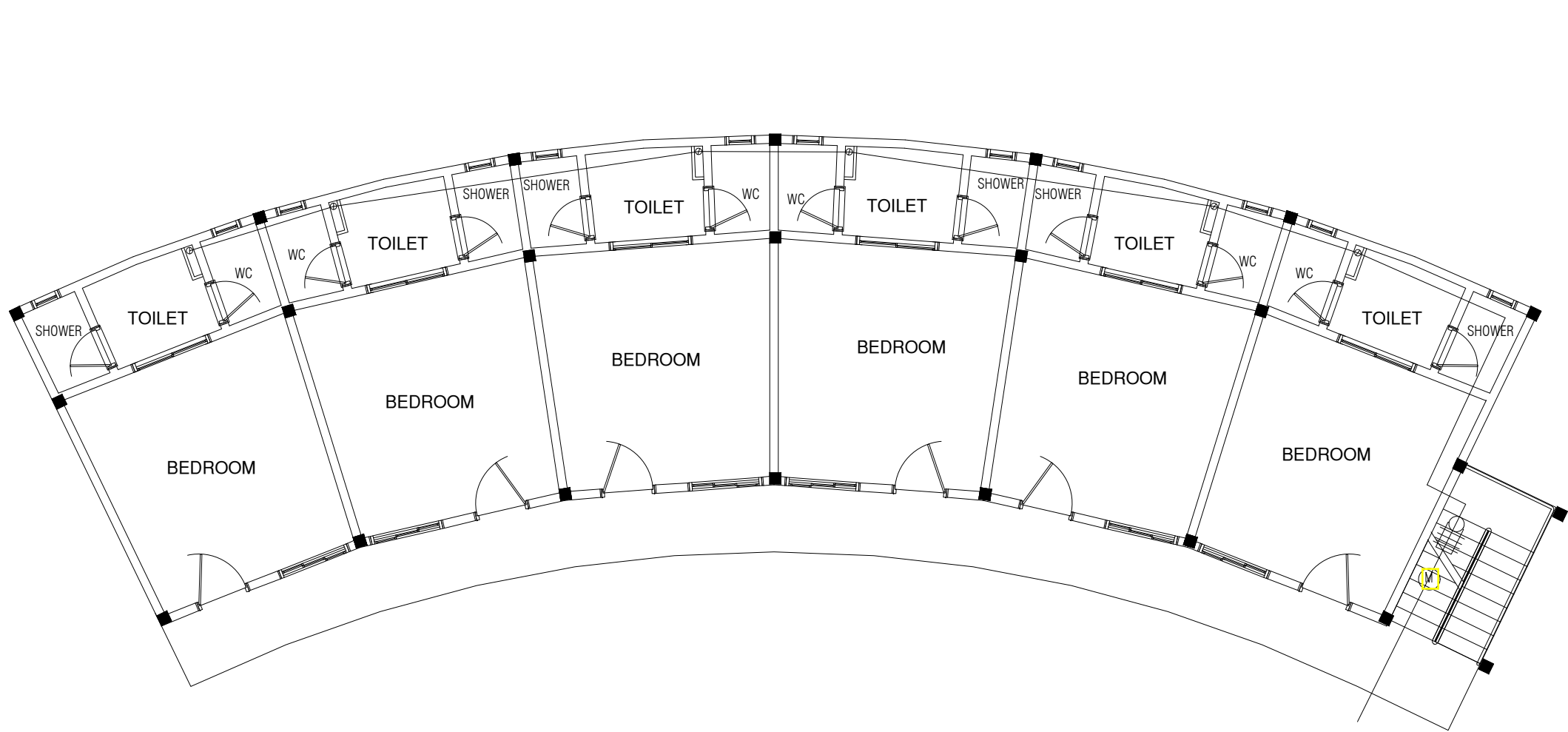
SYMBOL	DESCRIPTION
	INHOUSE DISTRIBUTION BOARD
	MAIN DISTRIBUTION BOARD
	1WAY SWITCH TWO GANG
	2WAY SWITCH SINGLE GANG (UOS)
	1WAY SWITCH SINGLE GANG
	13A X 1G POWER SOCKET (UOS)
	13A X 2G POWER SOCKET (UOS)
	15A X 1G POWER SOCKET (UOS)
	TELEPHONE COCKET (RJ11) (UOS)
	TV SOCKET (RF) (UOS)
	WALL MOUNTED LIGHT FITTING
	CEILING MOUNTED LIGHT FITTING
	CEILING MOUNTED LIGHT FITTING
	EMERGENCY LIGHT (2HR)
	CEILING FAN
	AC UNIT
	EXHAUST FAN
	EXIT SIGN
	FIRE EXTINGUISHER - WATER
	FIRE EXTINGUISHER - DRY POWDER
	FIRE EXTINGUISHER - CO2
	WATER SPRINKLER WITH IONIZATION SMOKE DETECTOR

GENERAL NOTE:
*UOS - UNLESS OTHERWISE STATED
1. ALL TOILET EXHAUSTS SHALL BE CONNECTED TO TOILET LIGHT SWITCHES

MA, ROSE VILLA S.E. 2ND FLOOR DHEVNA MAGU, MALE, 20199 MALDIVES E-MAIL: hushaheed@gmail.com / TEL: +960 7795469, +960 3307557		
PROJECT TITLE: STAFF ACCOMMODATION 3 STOREY BUILDING R.VANDHOO		
CLIENT : MINISTRY OF ENVIRONMENT & ENERGY		
DESIGN:	-	PAGE NO.
S.ENG:	NIHADH	E2
S. CHIE:	H. SHAHEEDH	
DATE:	AUG 2019	
SCALE:	AS GIVEN	



1. NO BRANCH CONNECTIONS SHALL BE MADE BELOW GROUND, WHERE EVER A BRANCH CONNECTION IS NECESSARY; AN INSPECTION CHAMBER IS TO BE INSTALLED
2. INSPECTION CHAMBER ARE TO BE VENTED TO NEAREST INSPECTION CHAMBER (NOT SHOWN) OR VENT PIPE TO OUT SIDE SHALL BE INSTALLED
3. ALL STORM WATER TO BE CONNECTED TO SOAK PIT AT GROUND LEVEL



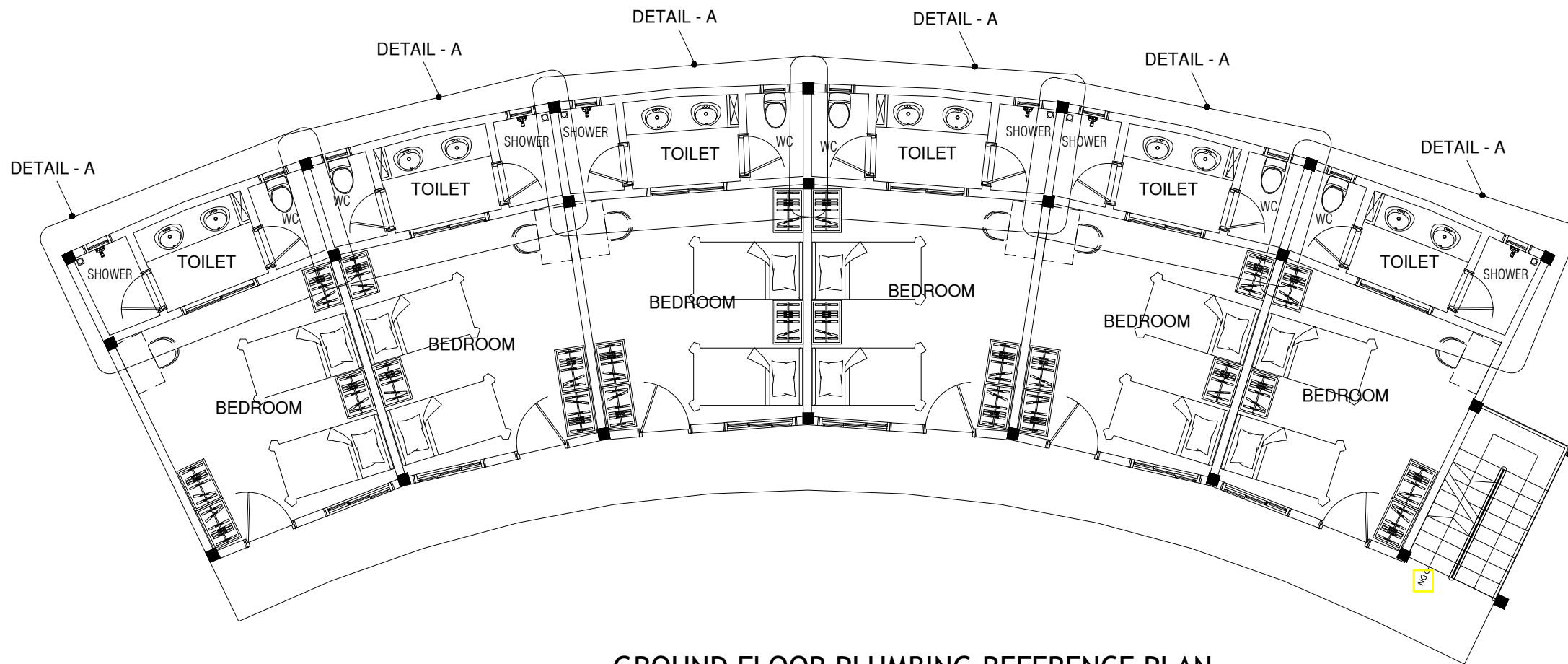
- GENERAL NOTE:
1. NO BRANCH CONNECTIONS SHALL BE MADE BELOW GROUND, WHERE EVER A BRANCH CONNECTION IS NECESSARY; AN INSPECTION CHAMBER IS TO BE INSTALLED
 2. INSPECTION CHAMBER ARE TO BE VENTED TO NEAREST INSPECTION CHAMBER (NOT SHOWN) OR VENT PIPE TO OUT SIDE SHALL BE INSTALLED
 3. ALL STORM WATER TO BE CONNECTED TO SOAK PIT AT GROUND LEVEL

WATER SUPPLY LAYOUT

SCALE 1:100

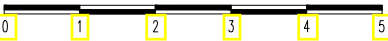


MA. ROSE VILLA S.E. 2ND FLOOR		
DHEVNA MAGU, MALE, 20199 MALDIVES		
E-MAIL: hushaheed@gmail.com / TEL: +960 7795469, +960 3307557		
PROJECT TITLE:		
STAFF ACCOMMODATION		
3 STOREY BUILDING		
R.VANDHOO		
CLIENT :		
MINISTRY OF ENVIRONMENT & ENERGY		
DESIGN:	-	PAGE NO.
S.ENG:	NIHADH	P2
S.CHE:	H.SHAHEEDH	
DATE:	AUG 2019	
SCALE:	AS GIVEN	

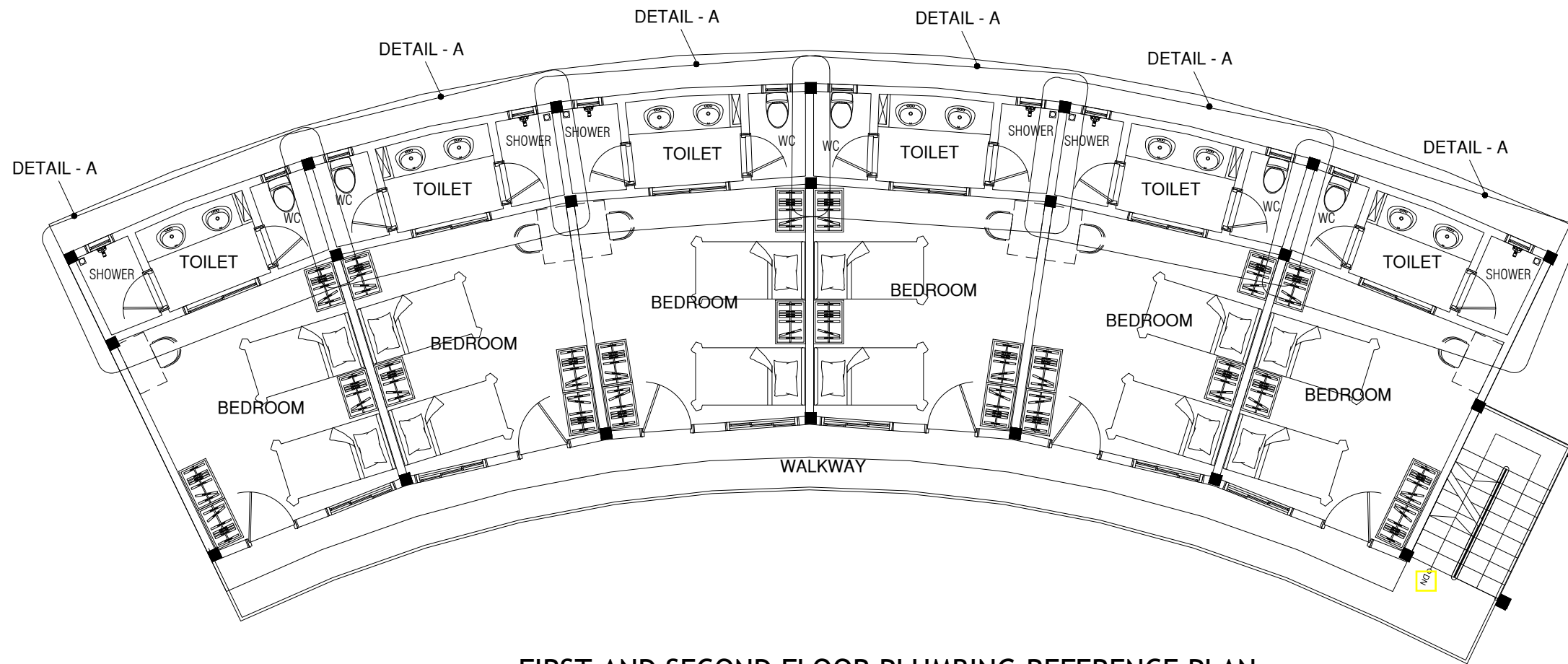


GROUND FLOOR PLUMBING REFERENCE PLAN

SCALE 1:100



MA, ROSE VILLA S.E. 2ND FLOOR		
DHEVNA MAGU, MALE, 20199 MALDIVES		
E-MAIL: hushaheed@gmail.com / TEL: +960 7795469, +960 3307557		
PROJECT TITLE:		
STAFF ACCOMMODATION		
3 STOREY BUILDING		
R.VANDHOO		
CLIENT :		
MINISTRY OF ENVIRONMENT & ENERGY		
DESIGN:	-	PAGE NO.
S.ENG:	NIHADH	P3
S. CHIEF:	H. SHAHEEDH	
DATE:	AUG 2019	
SCALE:	AS GIVEN	

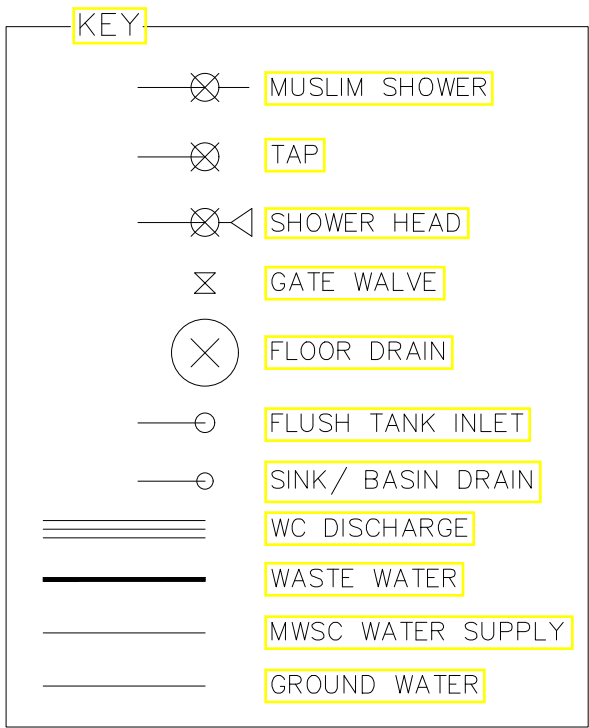
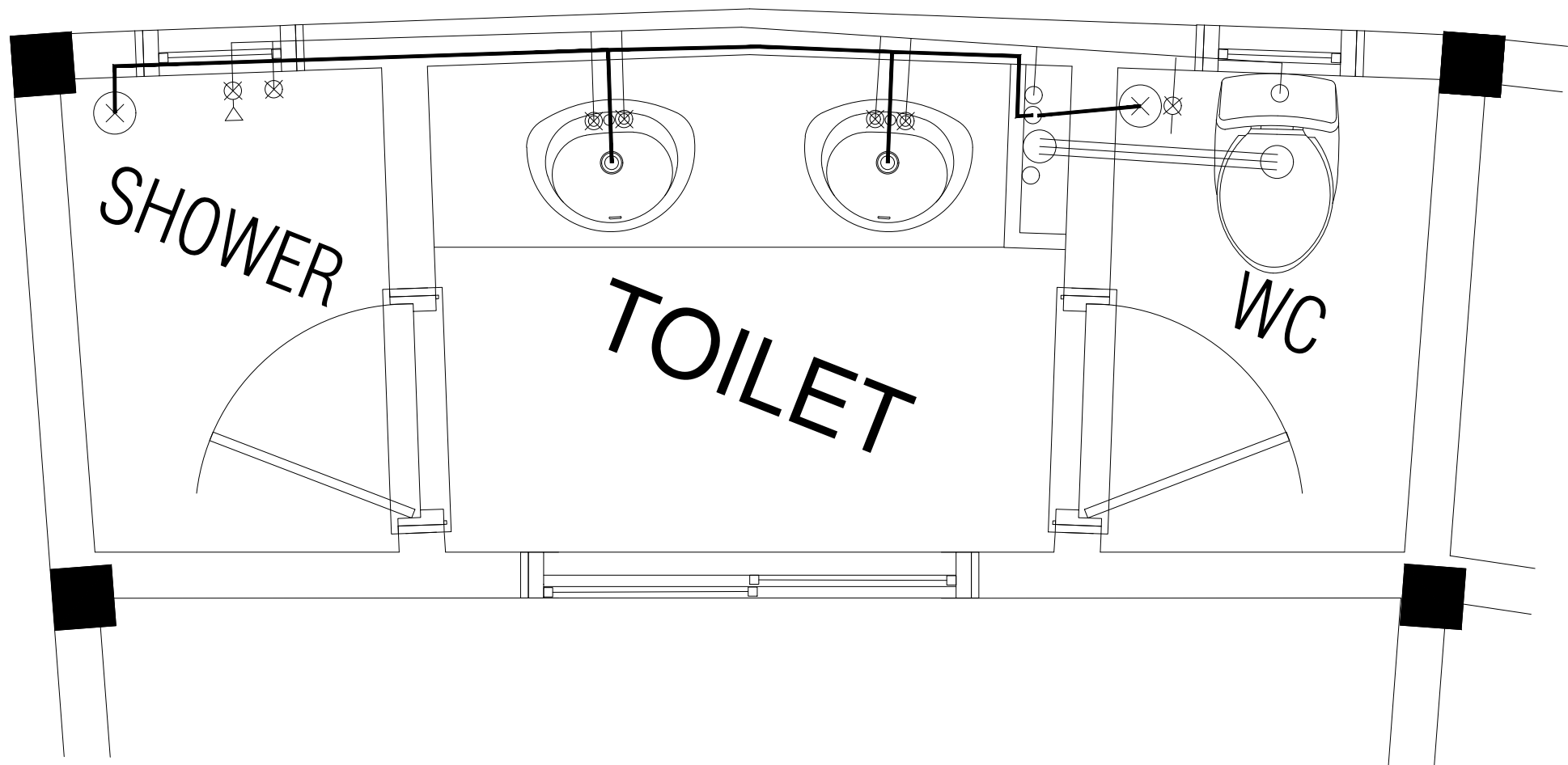


FIRST AND SECOND FLOOR PLUMBING REFERENCE PLAN

SCALE 1:100



MA, ROSE VILLA S.E. 2ND FLOOR		
DHEVNA MAGU, MALE, 20199 MALDIVES		
E-MAIL: hushaheed@gmail.com / TEL: +960 7795469, +960 3307557		
PROJECT TITLE:		
STAFF ACCOMMODATION		
3 STOREY BUILDING		
R.VANDHOO		
CLIENT :		
MINISTRY OF ENVIRONMENT & ENERGY		
DESIGN:	-	PAGE NO.
S.ENG:	NIHADH	P4
S.CHE:	H.SHAHEEDH	
DATE:	AUG 2019	
SCALE:	AS GIVEN	



DETAIL PLUMBING LAYOUT

DETAIL-A

FIRST TO SECOND FLOOR 1:50