

BANDHARU HUT

LH. NAIFARU

**PROPOSED SINGLE STOREY BUILDING
(SERVICES DRAWINGS)**

CLIENT : FANSAVANNA
DATE : NOVEMBER 2023

SERVICES ENGINEER : ALI MOHAMED
SERVICES CHECKER : AHMED NAFIU



anova.mv@gmail.com
757 0070

GENERAL

NO.	DRAWING TITLE	DRAWING NO.
01	DRAWING LIST	G - 1.01

ELECTRICAL SERIES

NO.	DRAWING TITLE	DRAWING NO.
02	GROUND FLOOR LIGHTING PLAN	E - 2.01
03	GROUND FLOOR POWER, TELECOM & IT PLAN	E - 2.02
04	GROUND FLOOR ACMV	E - 2.03

PLUMBING SERIES

NO.	DRAWING TITLE	DRAWING NO.
05	GROUND FLOOR WATER SUPPLY LAYOUT	P - 2.01
06	GROUND FLOOR SANITARY PIPING LAYOUT	P - 2.02

NOTE :

G = GENERAL	1 = GENERAL
A = ARCHITECTURAL	2 = PLANS
S = STRUCTURAL	3 = ELEVATIONS
E = ELECTRICAL	4 = SECTIONS
P = PLUMBING	5 = DETAILS
F = FIRE PROTECTION	6 = SCHEDULES

DRAWING LIST

GENERAL NOTES

- Do not scale the drawings.
- All dimensions are in millimeters unless noted otherwise.
- All dimensions are indicative, and must be confirmed at the site by the contractor.



M. HONEY SEASON, 2ND FLOOR,
FULOONIYA GOALHI, MALE',
REPUBLIC OF MALDIVES
anova.mv@gmail.com
757 0070
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CLIENT
FANSAVANNA

PROJECT NAME
SINGLE STOREY BANDHARU HUT

LOCATION
LH. NAIFARU

DRAWING TITLE
DRAWING LIST

DESIGN STAGE

- CONCEPTUAL DESIGN
- BUILDING APPROVAL
- CONSTRUCTION DRAWINGS
- AS-BUILT DOCUMENTATION

DRAWN BY NIHAD	DESIGN BY ALI	CHECKED BY NAFIU
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DISCIPLINE GENERAL	SHEET SIZE A4	SCALE NA
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REV	DESCRIPTION	DATE

FIRST EMISSION NOVEMBER 01, 2023	DRAWING NUMBER G-1.01
UPDATE ---	

LIGHTING AND FAN LEGEND

SYMBOL	DESCRIPTION
	1X26W COMPACT FLUORESCENT LIGHT IN CEILING MOUNT LUMINAIRE
	1X26W COMPACT FLUORESCENT LAMPS IN WALL MOUNT LUMINAIRE
	1X26W COMPACT FLUORESCENT LAMPS IN CEILING MOUNT WATER PROOF LUMINAIRE
	1X26W COMPACT FLUORESCENT LAMPS IN WALL MOUNT WATER PROOF LUMINAIRE
	1X35W DIMMABLE HALOGEN LIGHT IN WALL MOUNT DECORATIVE LUMINAIRE
	1X26W COMPACT WARM DOWN LIGHT IN WALL MOUNT LUMINAIRE
	EMERGENCY LIGHT WITH 2 HOURS POWER PACK
	DIA. 1200 CEILING FAN

SWITCH AND POWER DISTRIBUTION LEGEND

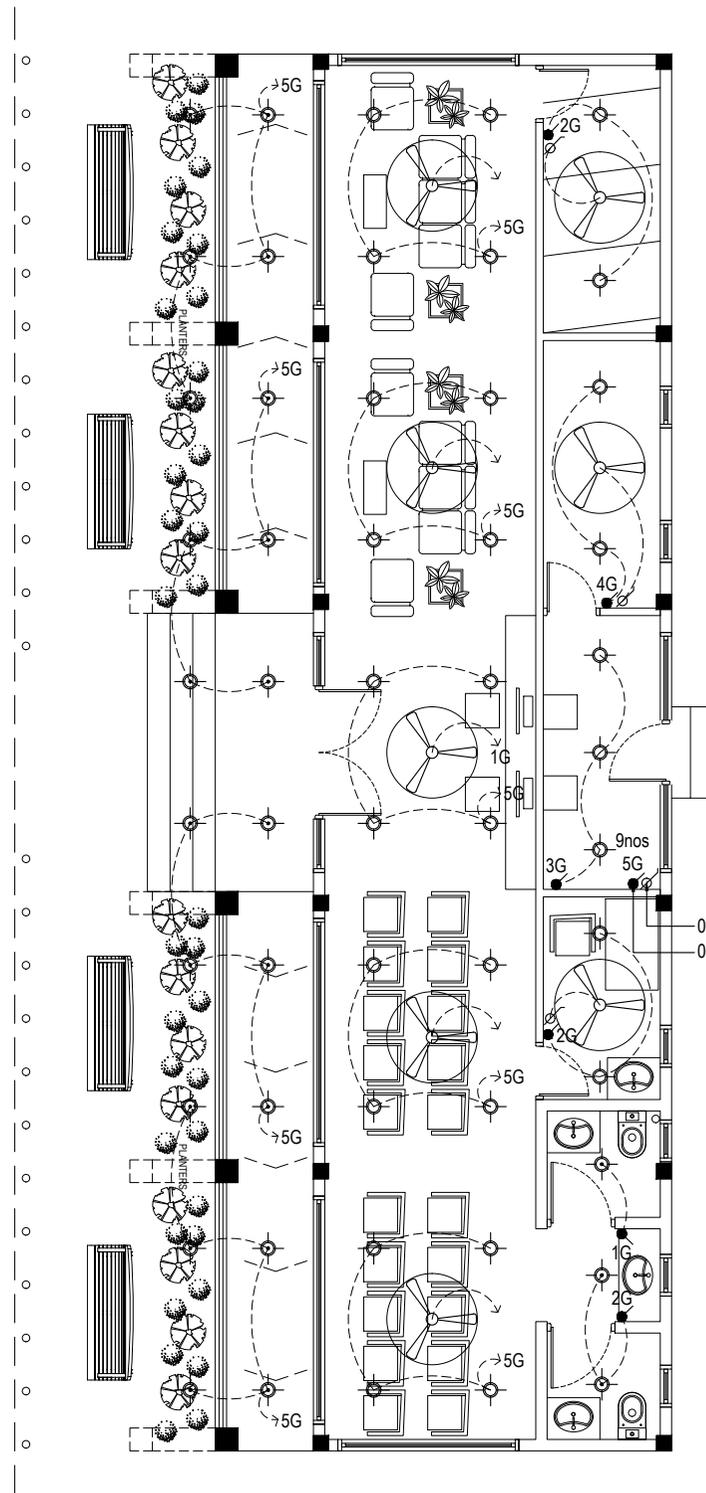
	2 WAY SWITCH
	1 WAY SWITCH
	FAN / LIGHT DIMMER 2 WAY SWITCH
	FAN / LIGHT DIMMER 1 WAY SWITCH
	DISTRIBUTION BOARD

NOTE :

1G = ONE GANG SWITCH	ED = ELECTRICAL DUCT
2G = TWO GANG SWITCH	PD = PLUMBING DUCT
3G = THREE GANG SWITCH	
4G = TWO GANG SWITCH	
5G = FIVE GANG SWITCH	

GROUND FLOOR LIGHTING PLAN

SCALE - 1:100



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 anova.mv@gmail.com
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PROJECT NAME SINGLE STOREY BANDHARU HUT
LOCATION LH. NAIFARU
DRAWING TITLE GROUND FLOOR LIGHTING PLAN

DESIGN STAGE	
<input type="radio"/>	CONCEPTUAL DESIGN
<input type="radio"/>	BUILDING APPROVAL
<input checked="" type="radio"/>	CONSTRUCTION DRAWINGS
<input type="radio"/>	AS-BUILT DOCUMENTATION

DRAWN BY NIHAD	DESIGN BY ALI	CHECKED BY NAFIU
DISCIPLINE ELECTRICAL	SHEET SIZE A4	SCALE 1:100

REV	DESCRIPTION	DATE

FIRST EMISSION NOVEMBER 01, 2023	DRAWING NUMBER E-2.01
UPDATE ---	

05nos fan dimmers
 09nos 5g switches

SOCKETS & POWER DISTRIBUTION LEGEND

SYMBOL	DESCRIPTION
	1 GANG 13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL
	2 GANG 13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL
	2 GANG 13A SOCKET OUTLET AT 2400mm FROM FFL OR AT CEILING
	1 GANG 13A SOCKET OUTLET AT 1600mm ABOVE FINISHED FLOOR LEVEL (W/P)
	2 GANG 13A SOCKET OUTLET AT 1000mm ABOVE FINISHED FLOOR LEVEL
	1 GANG 15A SOCKET OUTLET AT 2500mm FROM FINISHED FLOOR LEVEL
	DISTRIBUTION BOARD

TELECOMMUNICATION AND IT

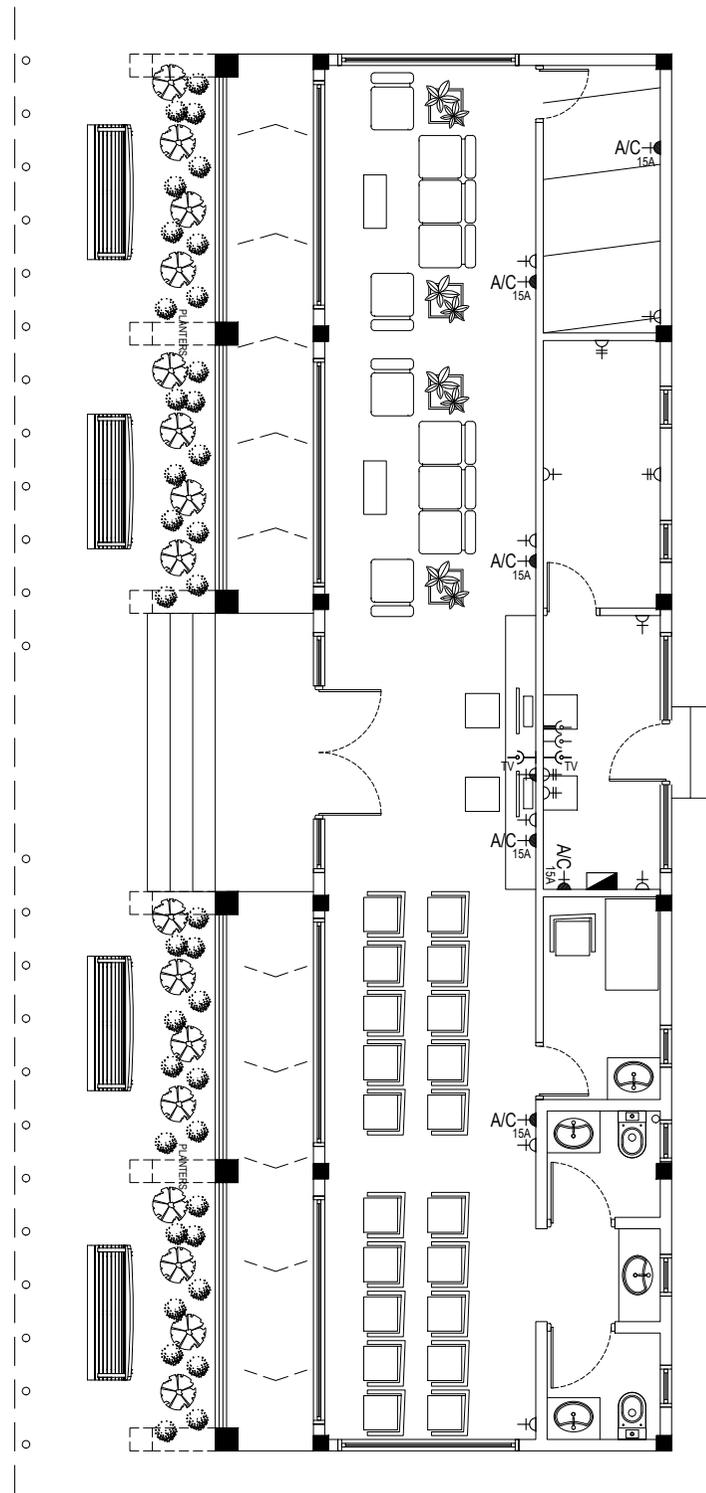
	PLAIN TELEPHONE OUTLET (RJ11, CONNECTOR)
	COMPUTER NETWORK OUTLET (RJ 45 CONNECTORS) AT 2400mm FOR ROUTER
	T.V POINT WITH 13A SOCKET AT TV LEVEL
	BUILDING ACCESS CARD READER
	CCTV POINT. ALL CCTV TO BE PROVIDED WITH 13A SOCKET AND NETWORK OUTLET CONNECTION AT CEILING LEVEL

NOTE :

- | | |
|-----------------------|-----------------------|
| W/P = WATER PROOF | A/C = AIR CONDITIONER |
| E/L = EMERGENCY LIGHT | R/F = REFRIGERATOR |
| S/V = STOVE | W/M = WASHING MACHINE |
| H/T = HEATER | ED = ELECTRICAL DUCT |
| H/D = HOOD | PD = PLUMBING DUCT |
| B/P = BOOSTER PUMP | |

**GROUND FLOORPOWER,
TELECOM & IT PLAN**

SCALE - 1:100



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LOCATION
LH. NAIFARU

DRAWING TITLE
**GROUND FLOOR POWER,
 TELECOM AND IT PLAN**

DESIGN STAGE
 CONCEPTUAL DESIGN
 BUILDING APPROVAL
 CONSTRUCTION DRAWINGS
 AS-BUILT DOCUMENTATION

DRAWN BY	DESIGN BY	CHECKED BY
NIHAD	ALI	NAFIU

DISCIPLINE	SHEET SIZE	SCALE
ELECTRICAL	A4	1:100

REV	DESCRIPTION	DATE

FIRST EMISSION NOVEMBER 01, 2023	DRAWING NUMBER E-2.02
UPDATE ---	

ACMV LEGEND

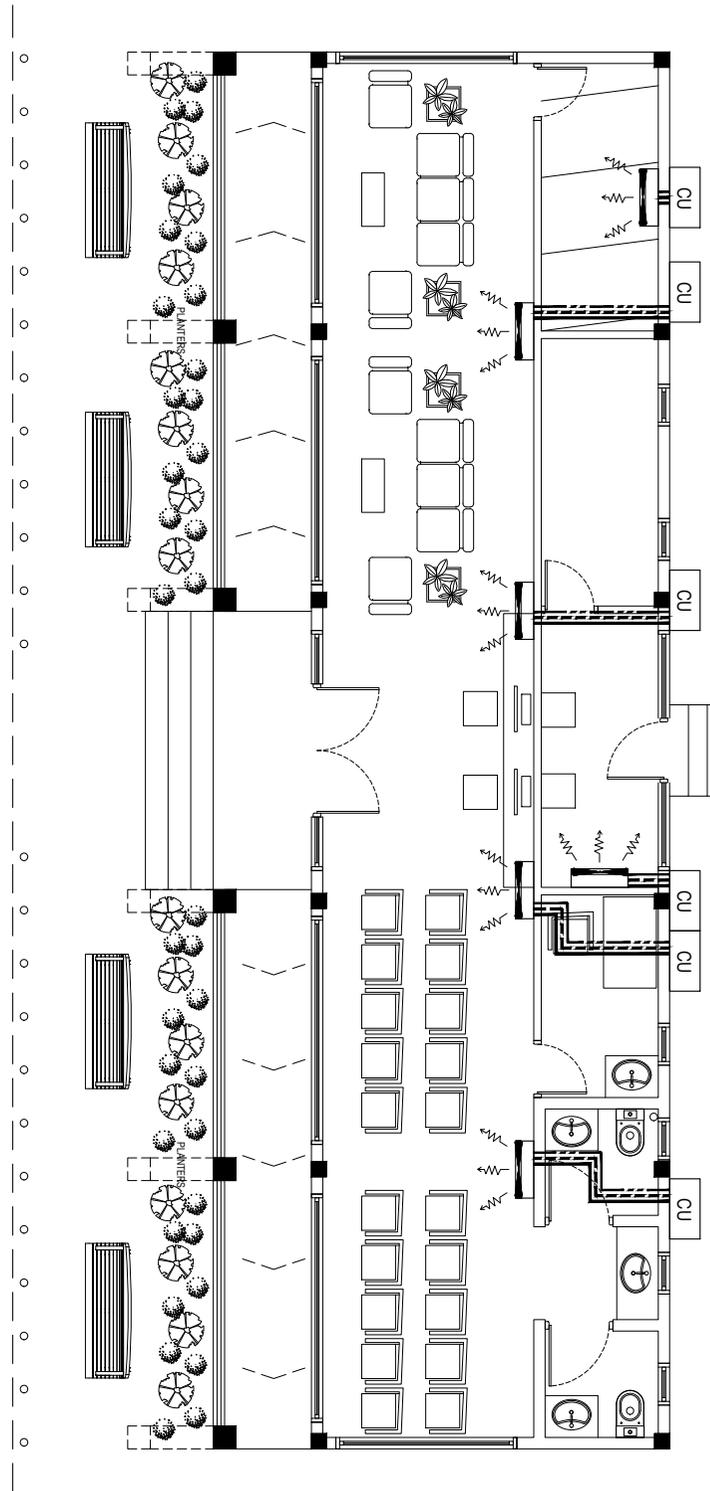
SYMBOL	DESCRIPTION
	AIR-CONDITIONING INDOOR UNIT WALL MOUNTED
	AIR-CONDITIONING INDOOR UNIT CEILING MOUNTED FAN COIL UNIT
	AIR-CONDITIONING OUTDOOR UNIT WALL MOUNTED
	PRE-INSULATED FLEXIBLE DUCT
	500 x 500 AIR EXHAUST GRILL
	WIRED REMOTE CONTROL
	HEAT RECLAIM VENTILATION UNIT
	INSULATED LIQUID PIPE
	INSULATED GAS PIPE
	INSULATED DRAIN PIPE
A TO B	ABOVE TO BELOW
B TO A	BELOW TO ABOVE

NOTE :

FCU = FAN COIL UNIT
 CU = COMPRESSOR UNIT
 ED = ELECTRICAL DUCT
 PD = PLUMBING DUCT

GROUND FLOOR ACMV PLAN

SCALE - 1:100



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 anova.mv@gmail.com
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PROJECT NAME SINGLE STOREY BANDHARU HUT
LOCATION LH. NAIFARU
DRAWING TITLE GROUND FLOOR ACMV PLAN

DESIGN STAGE		
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<input checked="" type="radio"/>	CONSTRUCTION DRAWINGS	
<input type="radio"/>	AS-BUILT DOCUMENTATION	
DRAWN BY NIHAD	DESIGN BY ALI	CHECKED BY NAFIU
DISCIPLINE ELECTRICAL	SHEET SIZE A4	SCALE 1:100

REV	DESCRIPTION	DATE

FIRST EMISSION NOVEMBER 01, 2023	DRAWING NUMBER E-2.03
UPDATE ---	

WATER SUPPLY LEGEND

SYMBOL	DESCRIPTION
	FRESHWATER SUPPLY PIPE
	GROUND WATER SUPPLY PIPE
	RAIN WATER SUPPLY PIPE
	HOT WATER SUPPLY PIPE
	SHOWER HEAD
	WATER MIXER TAP
	MUSLIM SHOWER
	WATER TAP
	BALL VALVE
	NON-RETURN VALVE (CHECK VALVE)
	ANGLE VALVE
	GATE VALVE
	VALVE CHAMBER
	WATER METER
	PUMP
	13L ELECTRIC WATER HEATER
A TO B	ABOVE TO BELOW
B TO A	BELOW TO ABOVE

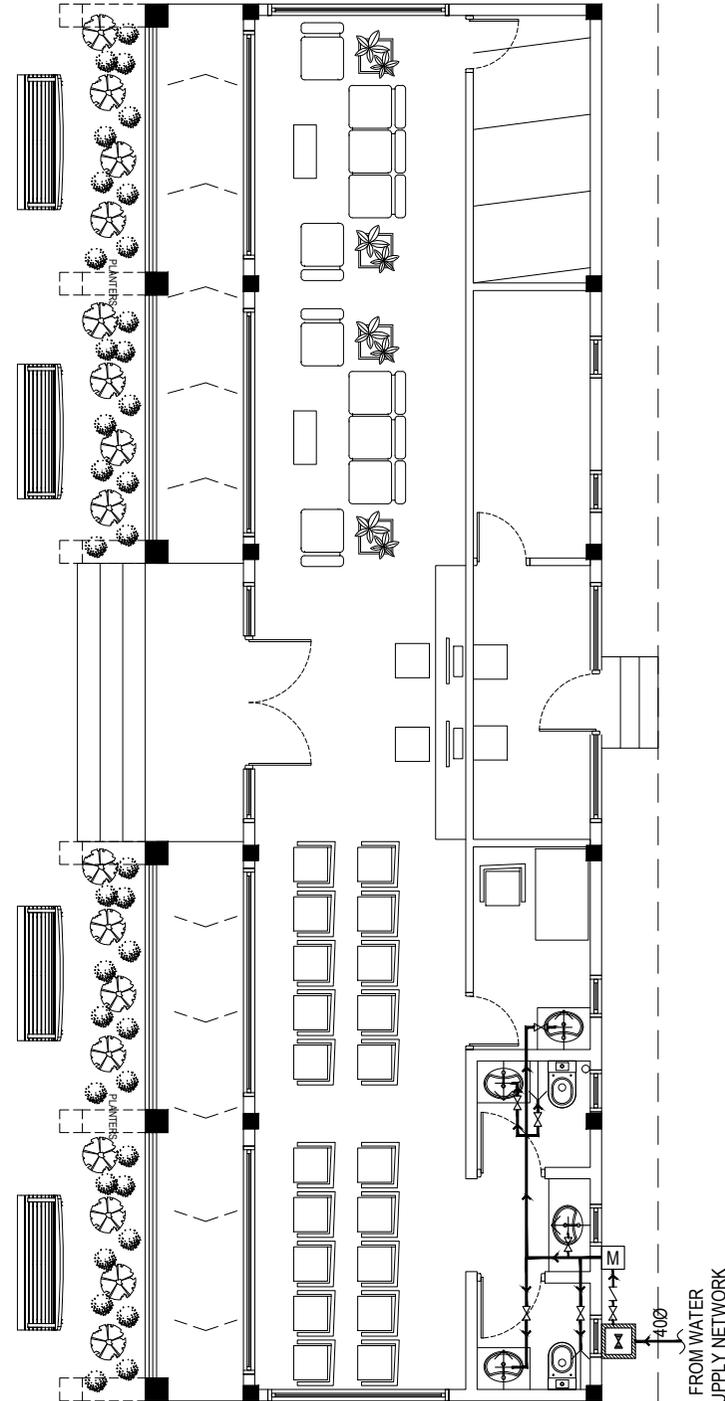
NOTE :

ED = ELECTRICAL DUCT
 PD = PLUMBING DUCT

ALL FLASH TANKS SHALL BE PROVIDED WITH AV16 AND NRV16
 ALL SUPPLY TO SINK SHALL BE PROVIDED WITH AV16
 ALL MUSLIM SHOWERS SHALL BE PROVIDED WITH AV16
 EACH BATHROOM ENTRY SHALL BE PROVIDED WITH BV16

GROUND FLOOR
 WATER SUPPLY PLAN

SCALE - 1:100



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ANOVA
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LOCATION LH. NAIFARU
DRAWING TITLE GROUND FLOOR WATER SUPPLY LAYOUT

DESIGN STAGE		
<input type="radio"/>	CONCEPTUAL DESIGN	
<input type="radio"/>	BUILDING APPROVAL	
<input checked="" type="radio"/>	CONSTRUCTION DRAWINGS	
<input type="radio"/>	AS-BUILT DOCUMENTATION	
DRAWN BY NIHAD	DESIGN BY ALI	CHECKED BY NAAFIU
DISCIPLINE PLUMBING	SHEET SIZE A4	SCALE 1:100

REV	DESCRIPTION	DATE

FIRST EMISSION SEPTEMBER 11, 2023	DRAWING NUMBER P-2.01
UPDATE ---	

SANITARY LEGEND

SYMBOL	DESCRIPTION
	Ø75 SEWER LINE
	Ø100 SEWER LINE
	VENT LINE
	RAIN WATER LINE
	FLOOR TRAP
	GREASE TRAP
	CLEANING EYE
	INSPECTION CHAMBER
A TO B	ABOVE TO BELOW
B TO A	BELOW TO ABOVE

NOTE :

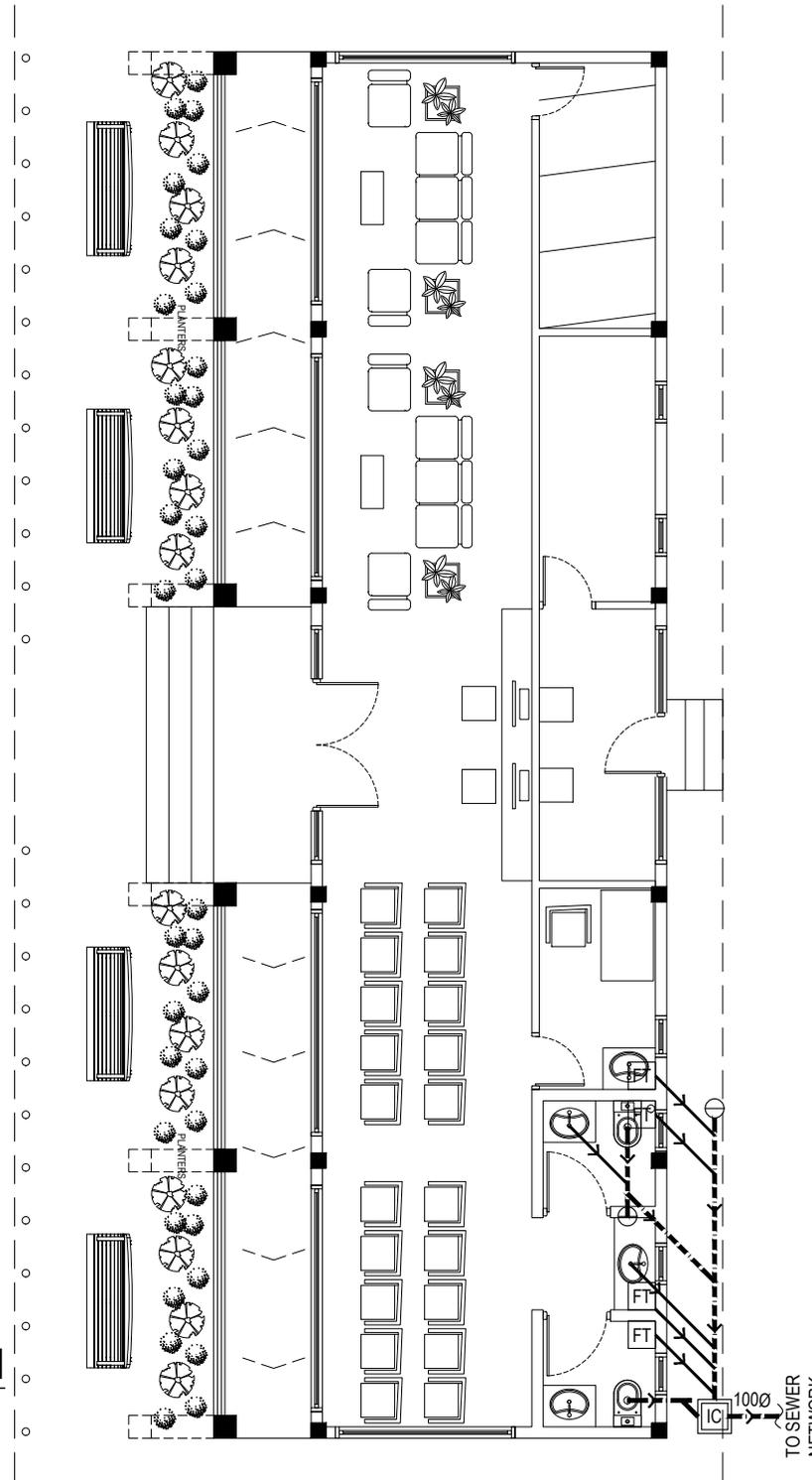
ED = ELECTRICAL DUCT
PD = PLUMBING DUCT

ALL DRAINAGE PIPES SHALL HAVE 1/150 SLOPE
ALL FLOOR DRAINS SHALL HAVE 'P' TRAPS

FROM ALL DUCTS 75mm AND 100mm MAIN WASTE PIPES CONNECT TO A 100mm PIPE LINE AT HEIGHT OF 600mm FROM NATURAL GROUND LEVEL. (REFER P-5.01 FOR DETAIL)

GROUND FLOOR SANITARY PIPING PLAN

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DRAWING TITLE
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DISCIPLINE PLUMBING	SHEET SIZE A4	SCALE 1:100

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FIRST EMISSION SEPTEMBER 11, 2023	DRAWING NUMBER P-2.02
UPDATE ---	