

01 GROUND FLOOR PLAN
A-01 SCALE: 1:100

No	DATE	REVISION
0		
1		
2		
3		


NOTES

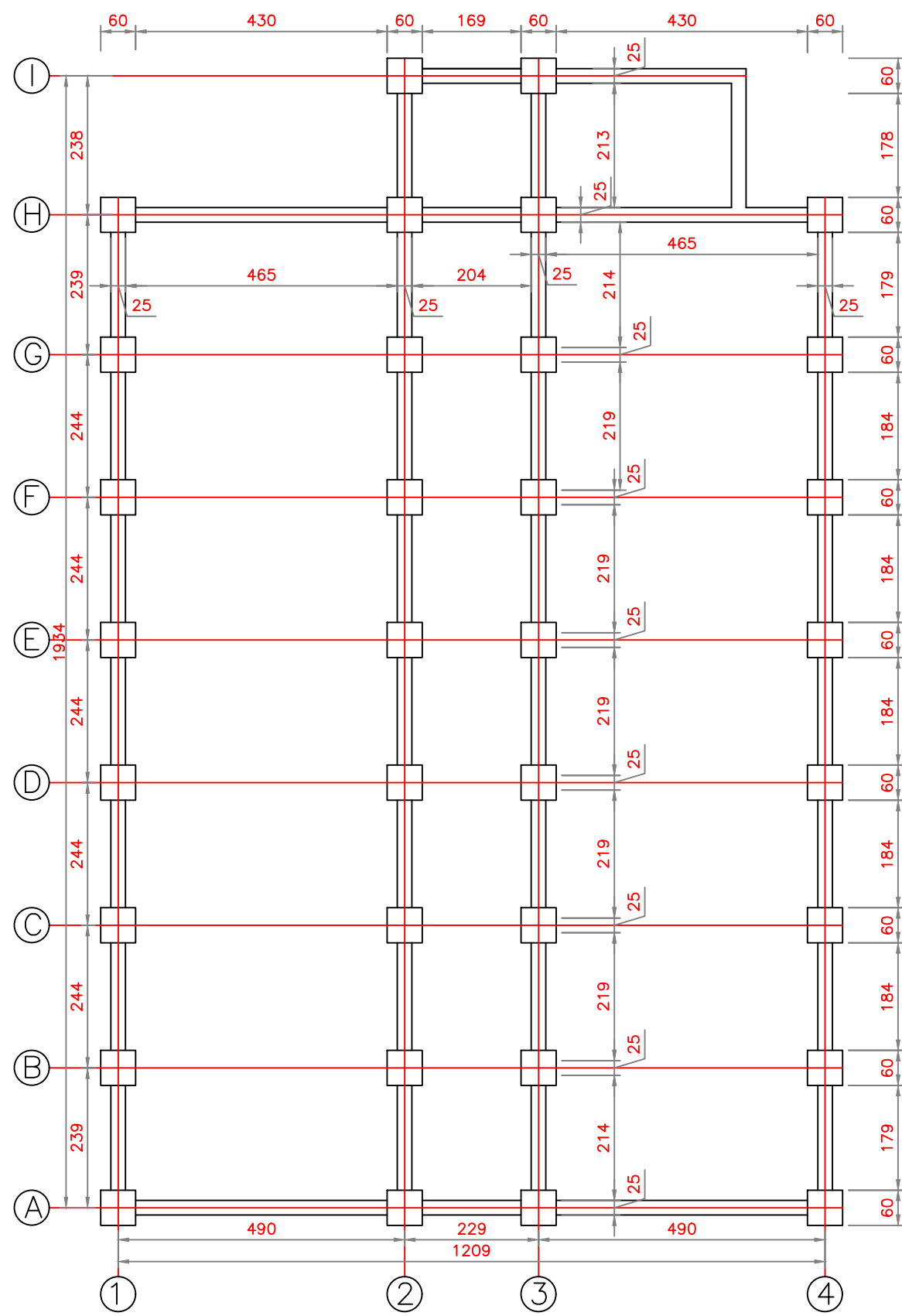
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- DO NOT SCALE DRAWINGS.
- VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.
- ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.
- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.
- ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.

LEGEND

- 1- ENTRANCE (STAIRS)
- 2- EMERGENCY EXIT (GUARD ROOM)
- 3- MANAGER OFFICE
- 4- OFFICE
- 5- WOMEN TOILET
- 6- MEN TOILET
- 7- CORRIDOR

ISSUED FOR TENDER

BENEFICIARY				
IMPLEMENTOR				
		UNITED NATIONS DEVELOPMENT PROGRAM		
PROJECT: CONSTRUCTION OF OFFICE CONTAINER FOR ACJC				
DRAWING TITLE: GROUND FLOOR PLAN				
DESIGNED:	AH.SHAFIQ	PROJECT NO:	DRAWING NO. A-01	REV. 0
DRAWN:	AH.SHAFIQ	SHEET SIZE: A3		
CHECKED:	ASILKHAN	SCALE:		
APPROVED:	ASILKHAN	DATE:		



NOTES

- * ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- * DO NOT SCALE DRAWINGS.
- * VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.
- * ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.
- * ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.
- * ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.

ISSUED FOR TENDER

BENEFICIARY

IMPLEMENTOR



UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: CONSTRUCTION OF OFFICE CONTAINER FOR ACJC

DRAWING TITLE:	GROUND FLOOR PLAN
----------------	-------------------

DESIGNED:	AH.SHAFIQ	PROJECT NO:	DRAWING NO. A-01A	REV. 0
DRAWN:	AH.SHAFIQ	SHEET SIZE: A3		
CHECKED:	ASILKHAN	SCALE:		
APPROVED:	ASILKHAN	DATE:		




No	DATE	REVISION
0		
1		
2		
3		

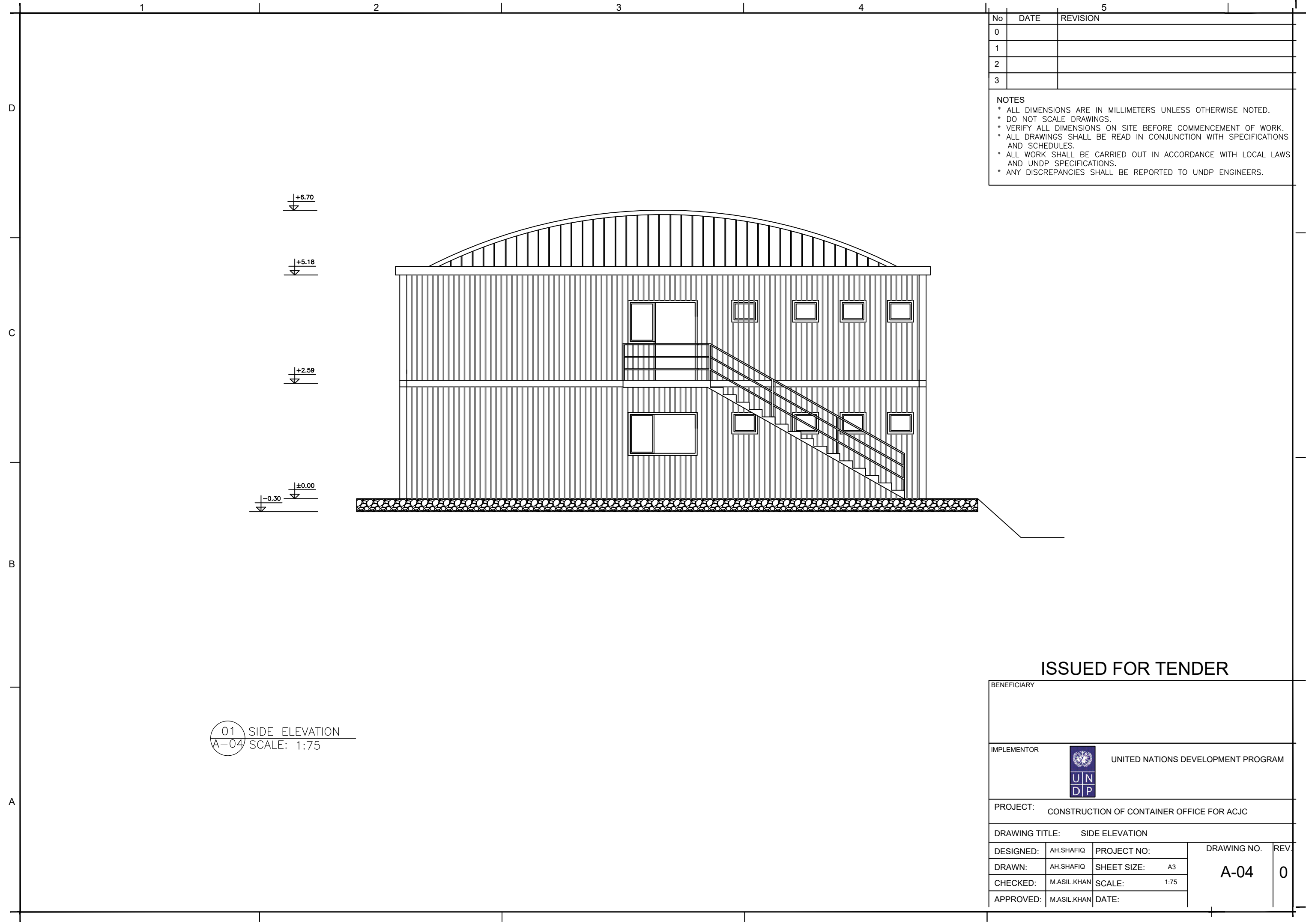
NOTES

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- DO NOT SCALE DRAWINGS.
- VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.
- ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.
- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.
- ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.

01 FRONT ELEVATION
A-03 SCALE: 1:75

ISSUED FOR TENDER

BENEFICIARY				
IMPLEMENTOR				
		UNITED NATIONS DEVELOPMENT PROGRAM		
PROJECT: CONSTRUCTION OF CONTAINER OFFICE FOR ACJC				
DRAWING TITLE: FIRST ELEVATION PLAN				
DESIGNED:	AH.SHAFIQ	PROJECT NO:	DRAWING NO. A-03	REV. 0
DRAWN:	AH.SHAFIQ	SHEET SIZE: A3		
CHECKED:	M.ASIL.KHAN	SCALE: 1:75		
APPROVED:	M.ASIL.KHAN	DATE:		




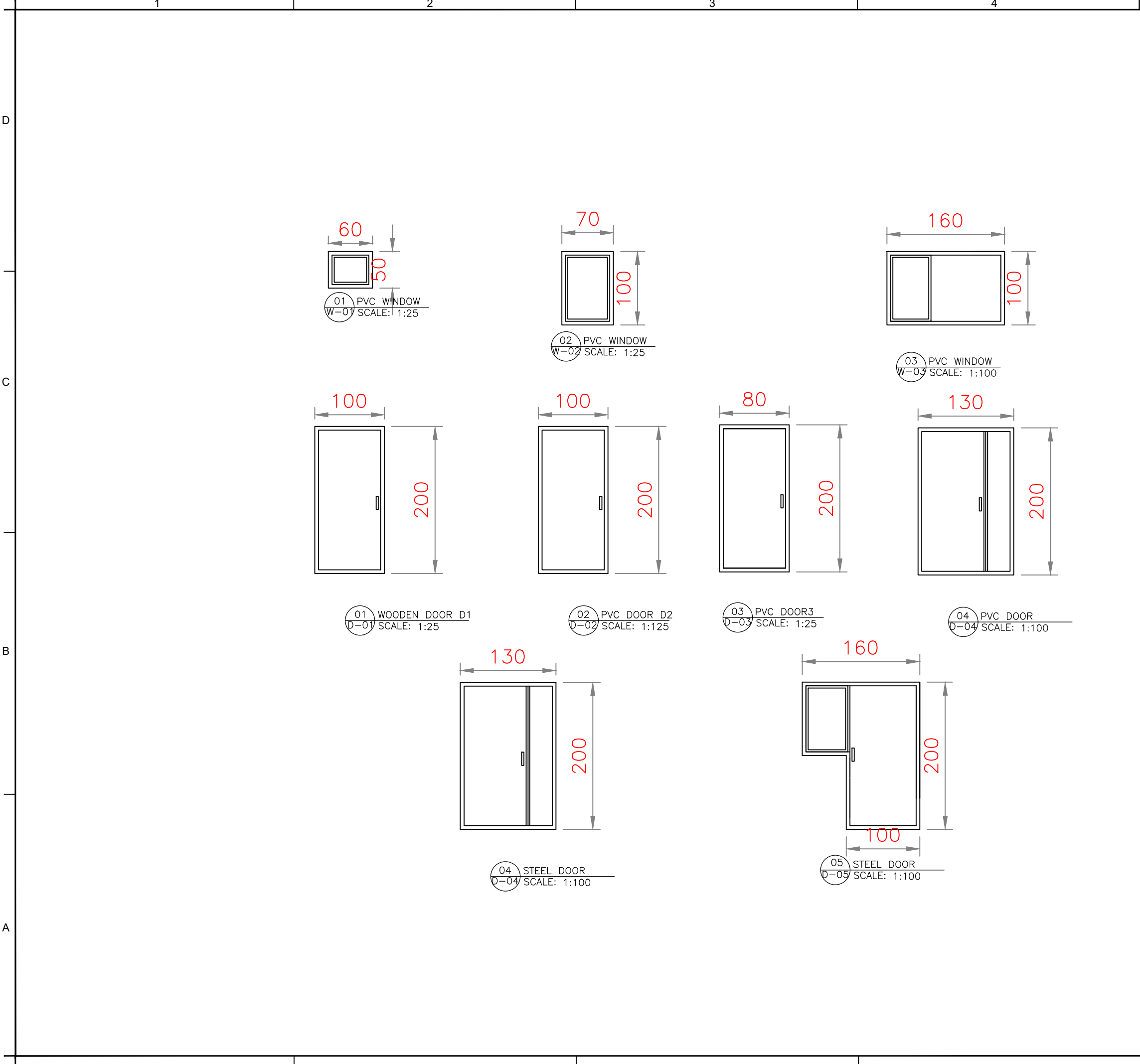
No	DATE	REVISION
0		
1		
2		
3		

NOTES

- * ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- * DO NOT SCALE DRAWINGS.
- * VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.
- * ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.
- * ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.
- * ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.

ISSUED FOR TENDER


BENEFICIARY				
IMPLEMENTOR				
		UNITED NATIONS DEVELOPMENT PROGRAM		
PROJECT: CONSTRUCTION OF CONTAINER OFFICE FOR ACJC				
DRAWING TITLE: SIDE ELEVATION				
DESIGNED:	AH.SHAFIQ	PROJECT NO:	DRAWING NO. A-04	REV. 0
DRAWN:	AH.SHAFIQ	SHEET SIZE: A3		
CHECKED:	M.ASIL.KHAN	SCALE: 1:75		
APPROVED:	M.ASIL.KHAN	DATE:		

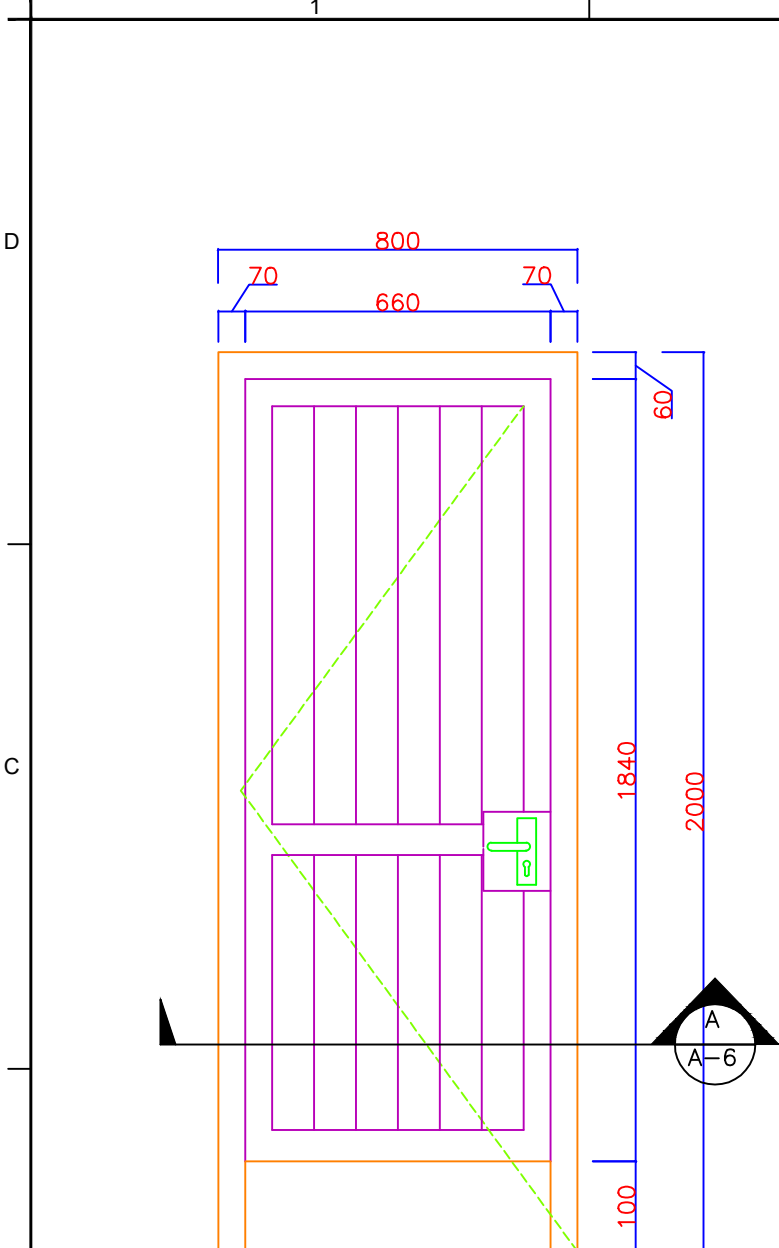


No	DATE	REVISION
0		
1		
2		
3		

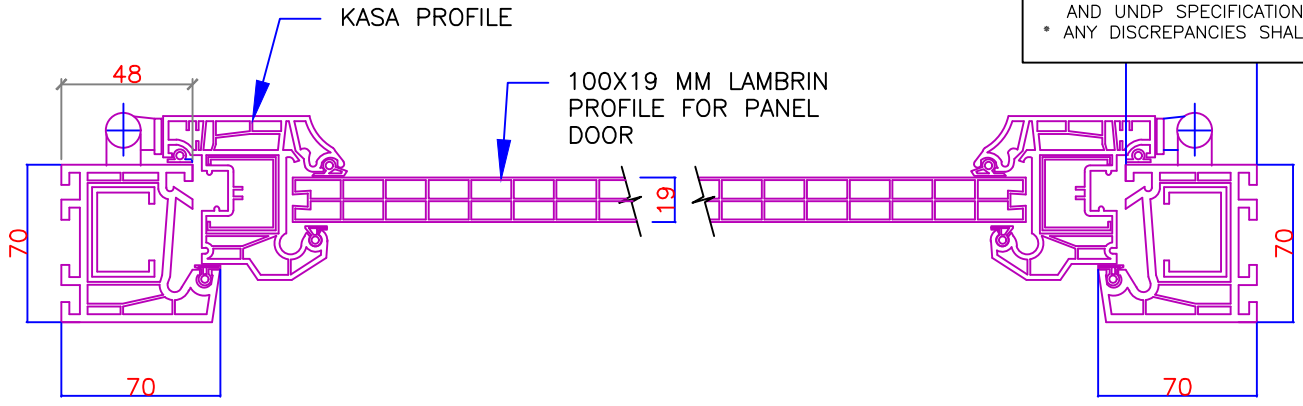
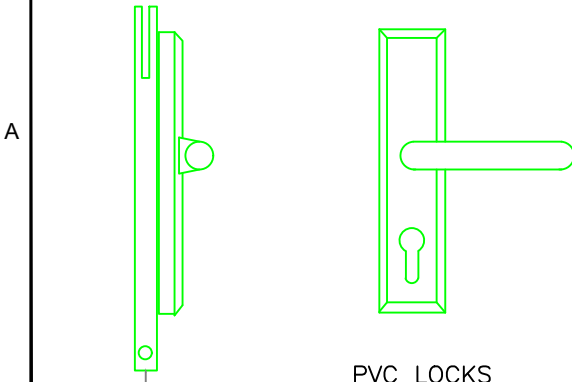
NOTES

- * ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- * DO NOT SCALE DRAWINGS.
- * VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.
- * ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.
- * ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.
- * ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.

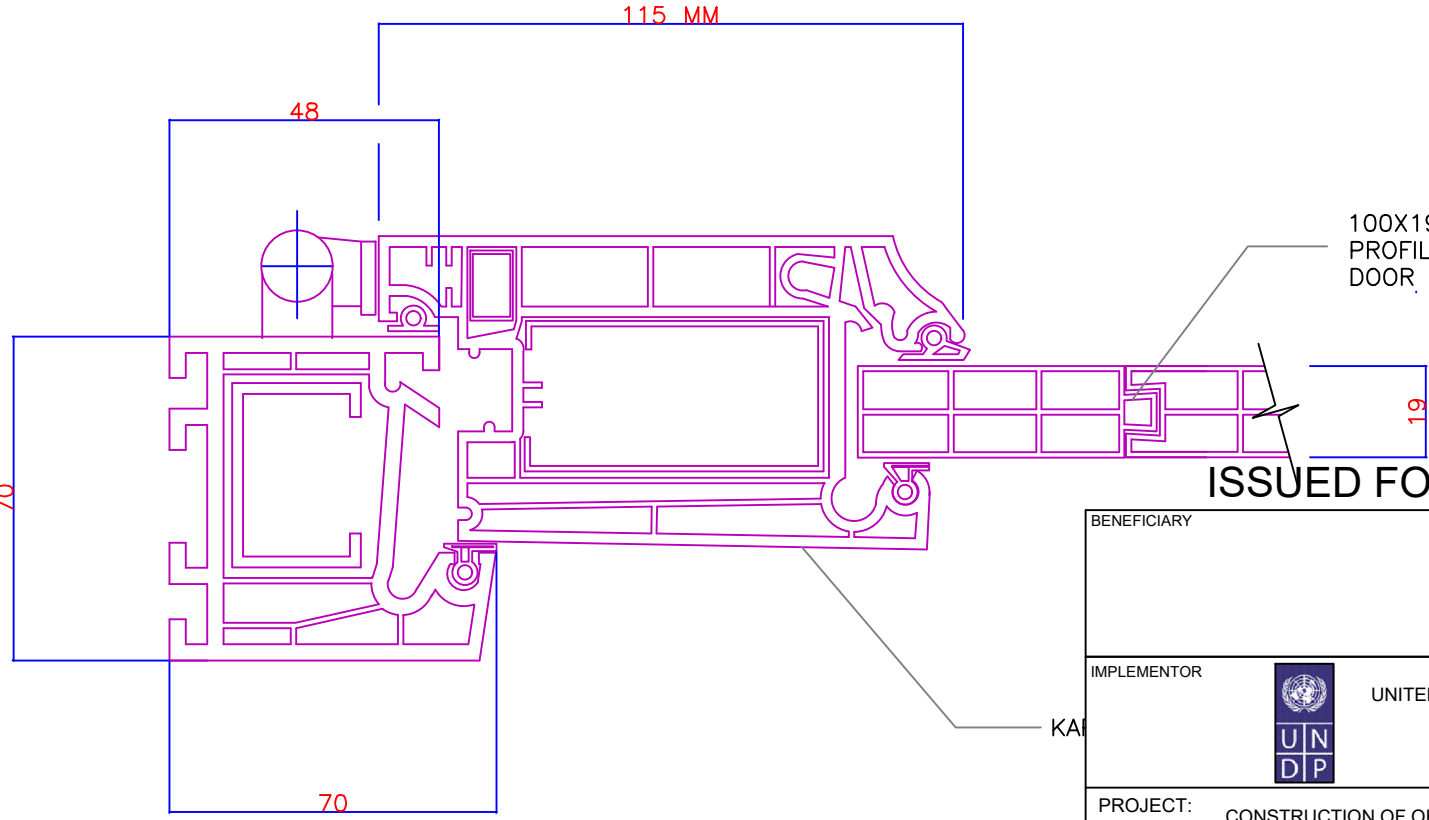
ISSUED FOR TENDER				
BENEFICIARY				
IMPLEMENTOR				
<div>UNITED NATIONS DEVELOPMENT PROGRAM</div>				
PROJECT: CONSTRUCTION OF OFFICE CONTAINER FOR ACJC				
DRAWING TITLE: TYPE OF DOORS				
DESIGNED:	AH.SHAFIQ	PROJECT NO:	DRAWING NO. A-05	REV. 0
DRAWN:	AH.SHAFIQ	SHEET SIZE: A3		
CHECKED:	ASILKHAN	SCALE:		
APPROVED:	ASILKHAN	DATE:		



1 PVC DOOR
A-6 SCALE: 1:20



1 PVC DOOR SECTION
A-6 SCALE: 1:5




1 PVC DOOR DETAIL
A-6 SCALE: NTS

No	DATE	REVISION
0		
1		
2		
3		

NOTES

- * ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- * DO NOT SCALE DRAWINGS.
- * VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.
- * ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.
- * ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.
- * ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.

ISSUED FOR TENDER

BENEFICIARY				
IMPLEMENTOR				
 UNITED NATIONS DEVELOPMENT PROGRAM				
PROJECT: CONSTRUCTION OF OFFICE CONTAINER FOR ACJC				
DRAWING TITLE: PVC DOOR DETAILS				
DESIGNED:	AH.SHAFIQ	PROJECT NO:	DRAWING NO. A-06	REV. 0
DRAWN:	AH.SHAFIQ	SHEET SIZE:		
CHECKED:	ASILKHAN	SCALE:		
APPROVED:	ASILKHAN	DATE:		
		24/11/2019		

1234

D

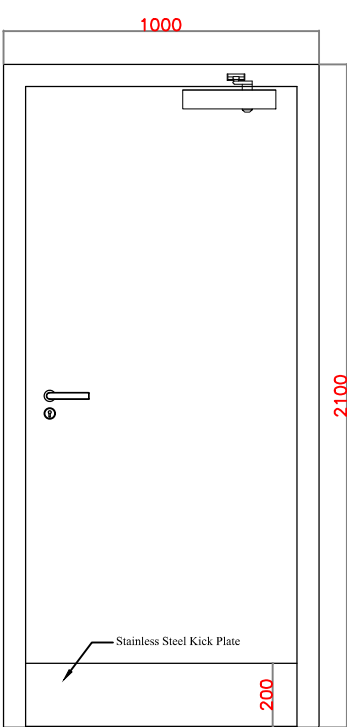
C

B

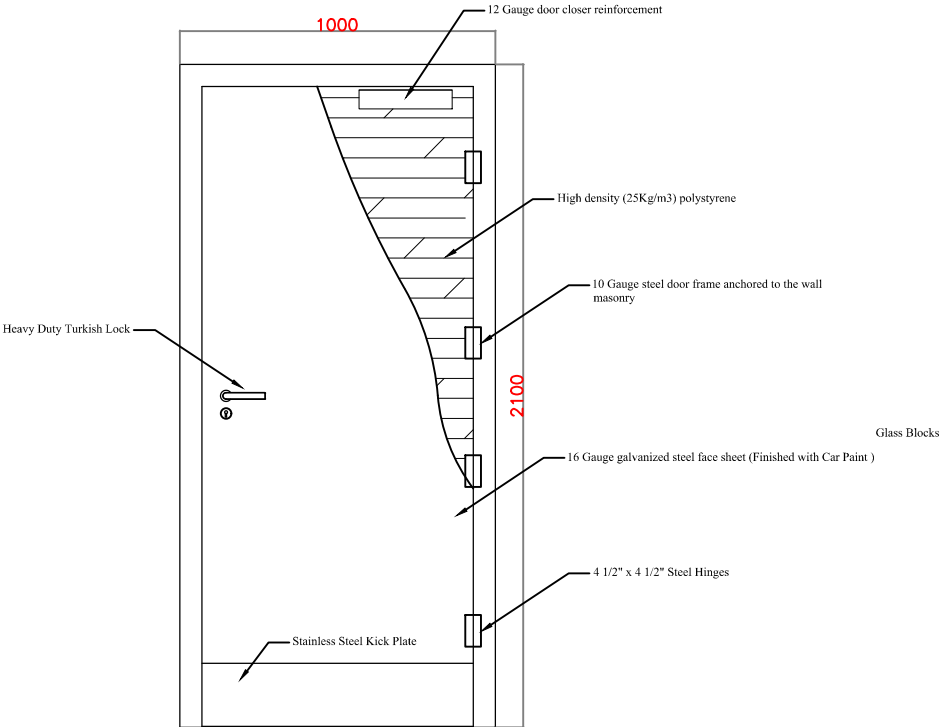
A

No	DATE	REVISION
0		
1		
2		
3		

- NOTES
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
 - DO NOT SCALE DRAWINGS.
 - VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.
 - ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.
 - ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.
 - ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.

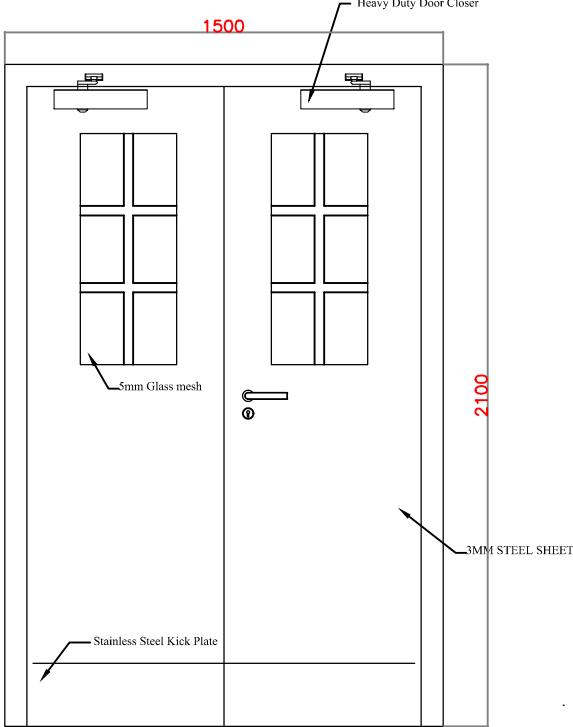


1 HOLLOW STEEL DOOR
A-04 SCALE: 1:20

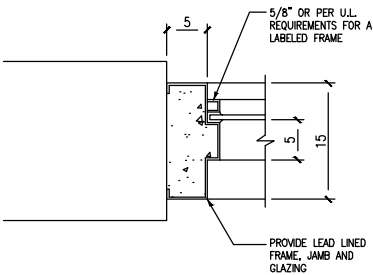


2 Door Structure Detail
A-04 SCALE: 1:20

Note: Same structure details
apply for entrance door.




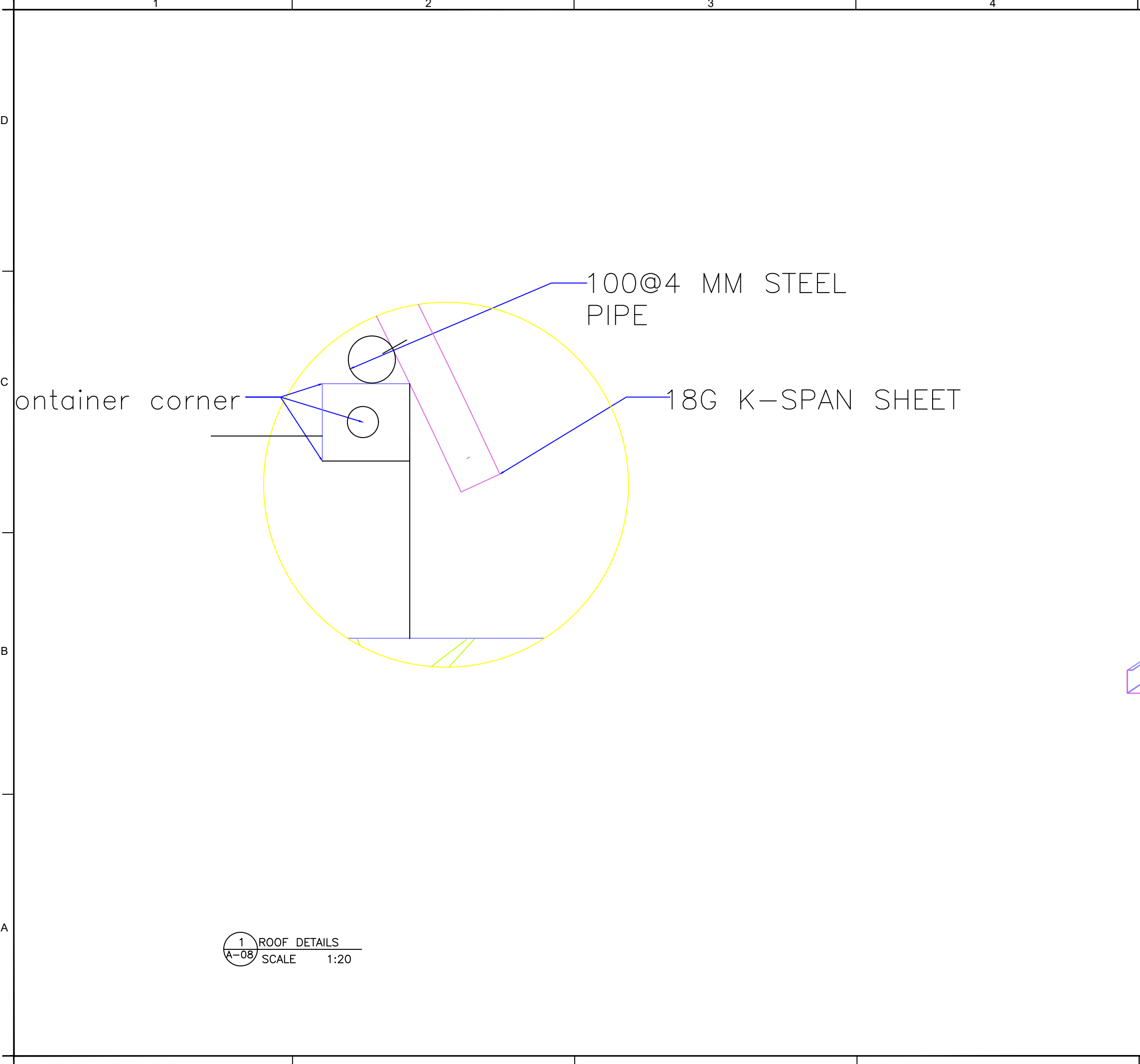
3 HOLLOW STEEL ENTRANCE DOOR
A-04 SCALE: 1:20



4 JAMB or HEAD
A-04 SCALE: NTS

ISSUED FOR TENDER

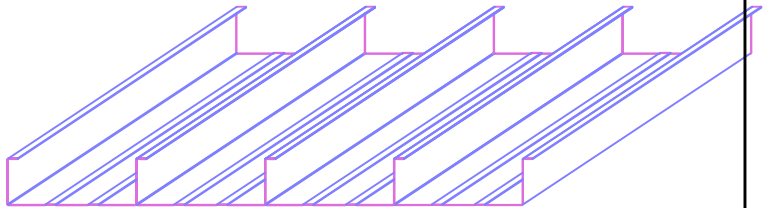
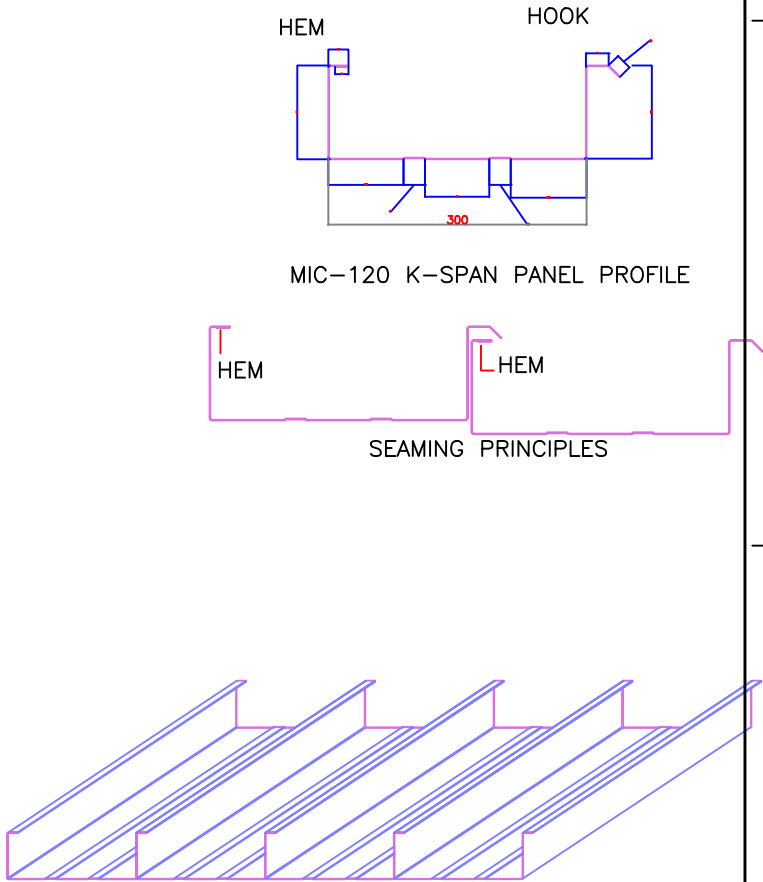
BENEFICIARY				
IMPLEMENTOR				
		UNITED NATIONS DEVELOPMENT PROGRAM		
PROJECT: CONSTRUCTION OF OFFICE CONTAINER FOR ACJC				
DRAWING TITLE: STEEL DOOR DETAILS				
DESIGNED:	AH.SHAFIQ	PROJECT NO:	DRAWING NO. A-07	REV. 0
DRAWN:	AH.SHAFIQ	SHEET SIZE: A3		
CHECKED:	ASILKHAN	SCALE:		
APPROVED:	ASILKHAN	DATE:		




No	DATE	REVISION
0		
1		
2		
3		

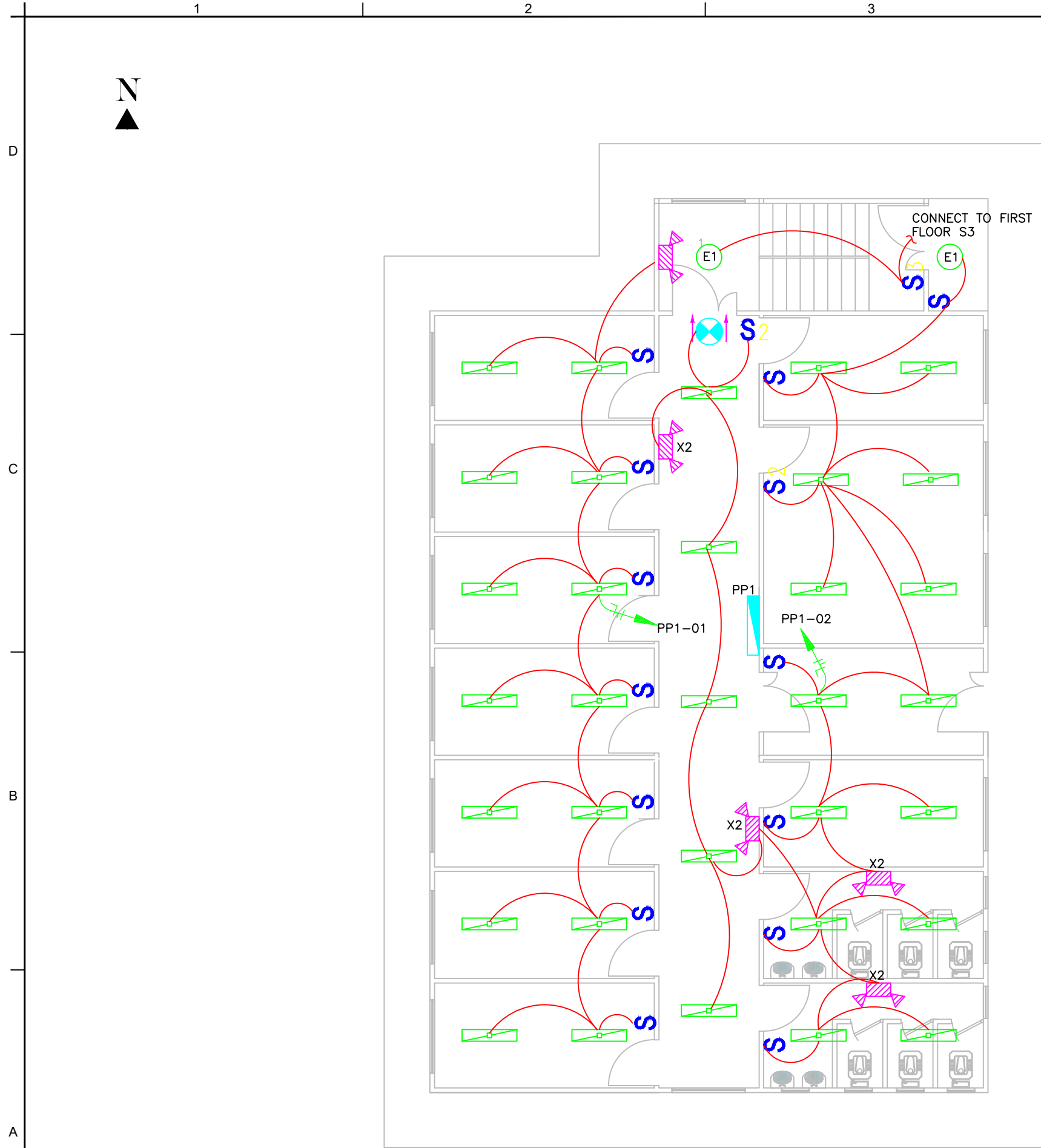
NOTES

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- DO NOT SCALE DRAWINGS.
- VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.
- ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.
- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.
- ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.



3 K-SPAN DETAILS
A-08
ISSUED FOR TENDER

BENEFICIARY				
IMPLEMENTOR				
		UNITED NATIONS DEVELOPMENT PROGRAM		
PROJECT: CONSTRUCTION OF OFFICE CONTAINER FOR ACJC				
DRAWING TITLE: K- SPAN DENTALS AND SECTION PLAN				
DESIGNED:	AH.SHAFIQ	PROJECT NO:	DRAWING NO. A-08	REV. 0
DRAWN:	AH.SHAFIQ	SHEET SIZE: A3		
CHECKED:	ASIL.KHAN	SCALE:		
APPROVED:	ASIL KHAN	DATE:		



SHEET NOTES:

1. WET AREA SWITCHES SHALL BE WEATHERPROOF.
2. BALANCE THE LOAD BETWEEN PHASES ON ALL PANELS TO WITHIN +/- 10%.
3. ALL WIRING SHALL BE INSIDE OF PVC CONDUIT.
4. MOUNT ALL SWITCHES 1200mm ABOVE FINISH FLOOR UNLESS NOTED OTHERWISE.
5. ALL EMERGENCY AND EXIT LIGHTS SHALL BE WIRED AHEAD OF LIGHT SWITCHES
5. REFER TO SHEET E-05 AND E-06, FOR PANEL SCHEDULE.

No	DATE	REVISION
0		
1		
2		
3		


NOTES

- * ALL DIMENSIONS ARE IN CENTIMETERS UNLESS OTHERWISE NOTED.
- * DO NOT SCALE DRAWINGS.
- * VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.
- * ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.
- * ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.
- * ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.

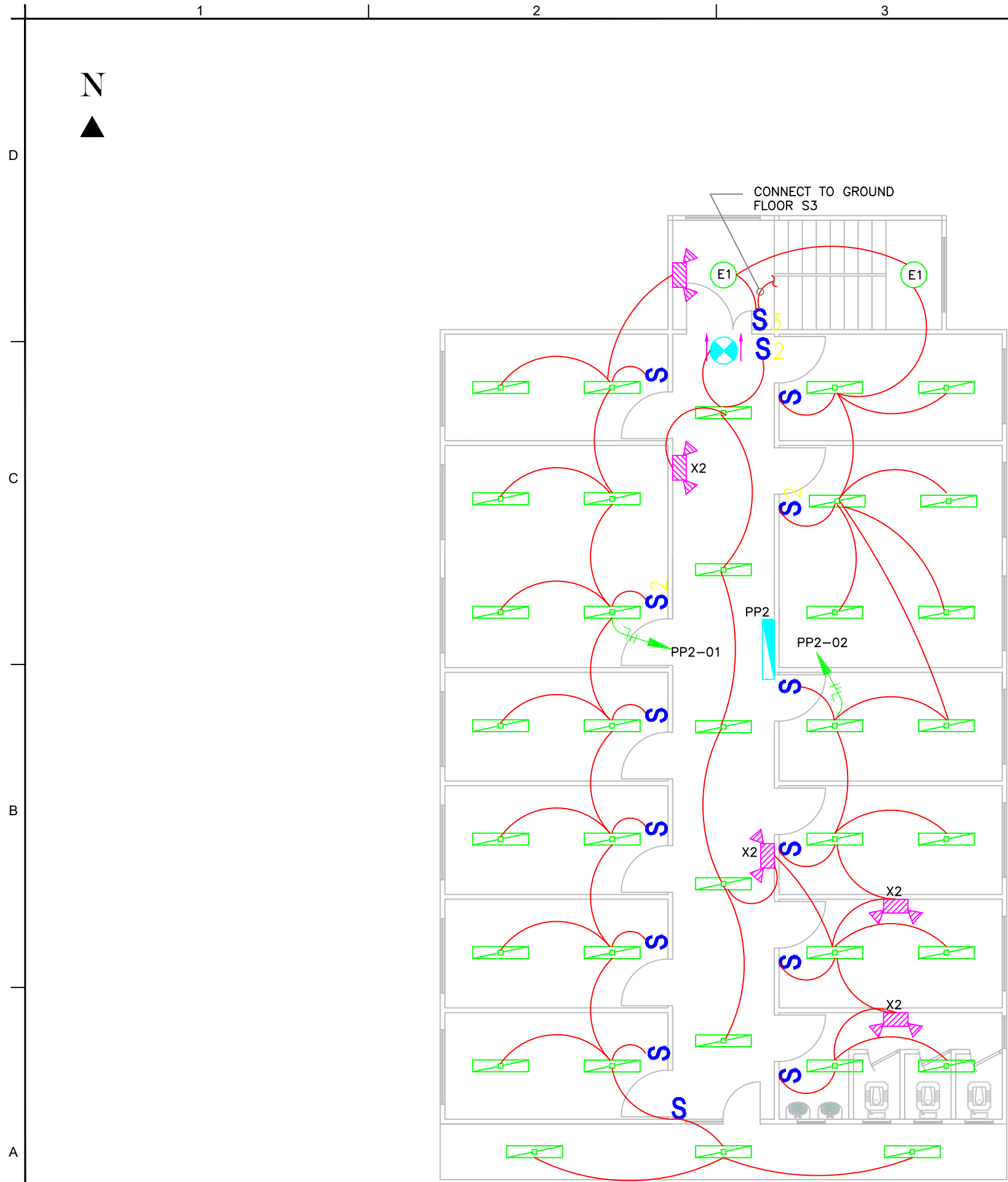
LEGENDS:

- SURFACE MOUNT LIGHT FIXTURE T8/2X32W/220 VOLT.
- SURFACE MOUNTED, EXTERIOR RATED CFL. 2/42TRT FIXTURE,
- DOUBLE HEAD METAL BODY, EMERGENCY LIGHT
- EXIT LIGHT, CEILING MOUNT, DUAL FACE, 90 MINUTE BATTERY PACK
- POWER PANEL
- BRANCH CIRCUIT HOMERUN TO PANEL BOARD
- LIGHTING SWITCH SINGLE-POLE
- LIGHTING SWITCH, 2-POLE
- THREE WAY LIGHTING SWITCH

ISSUED FOR TENDER

BENEFICIARY				
IMPLEMENTOR				
		UNITED NATIONS DEVELOPMENT PROGRAM		
PROJECT: CONSTRUCTION OF OFFICE CONTAINER FOR ACJC				
DRAWING TITLE: GROUND FLOOR LIGHTING PLAN				
DESIGNED:	ZAFAR HAMID	PROJECT NO:	DRAWING NO. E-01	REV. 0
DRAWN:	ZAFAR HAMID	SHEET SIZE: A3		
CHECKED:	AH.SHAFIQ	SCALE: 1:100		
APPROVED:	AH.SHAFIQ	DATE:		

01 GROUND FLOOR LIGHTING PLAN
E-01 SCALE: 1:100



SHEET NOTES:

1. WET AREA SWITCHES SHALL BE WEATHERPROOF.
2. BALANCE THE LOAD BETWEEN PHASES ON ALL PANELS TO WITHIN $\pm 10\%$.
3. ALL WIRING SHALL BE INSIDE OF PVC CONDUIT.
4. MOUNT ALL SWITCHES 1200mm ABOVE FINISH FLOOR UNLESS NOTED OTHERWISE.
5. ALL EMERGENCY AND EXIT LIGHTS SHALL BE WIRED AHEAD OF LIGHT SWITCHES
5. REFER TO SHEET E-05 AND E-06, FOR PANEL SCHEDULE.

No	DATE	REVISION
0		
1		
2		
3		


NOTES

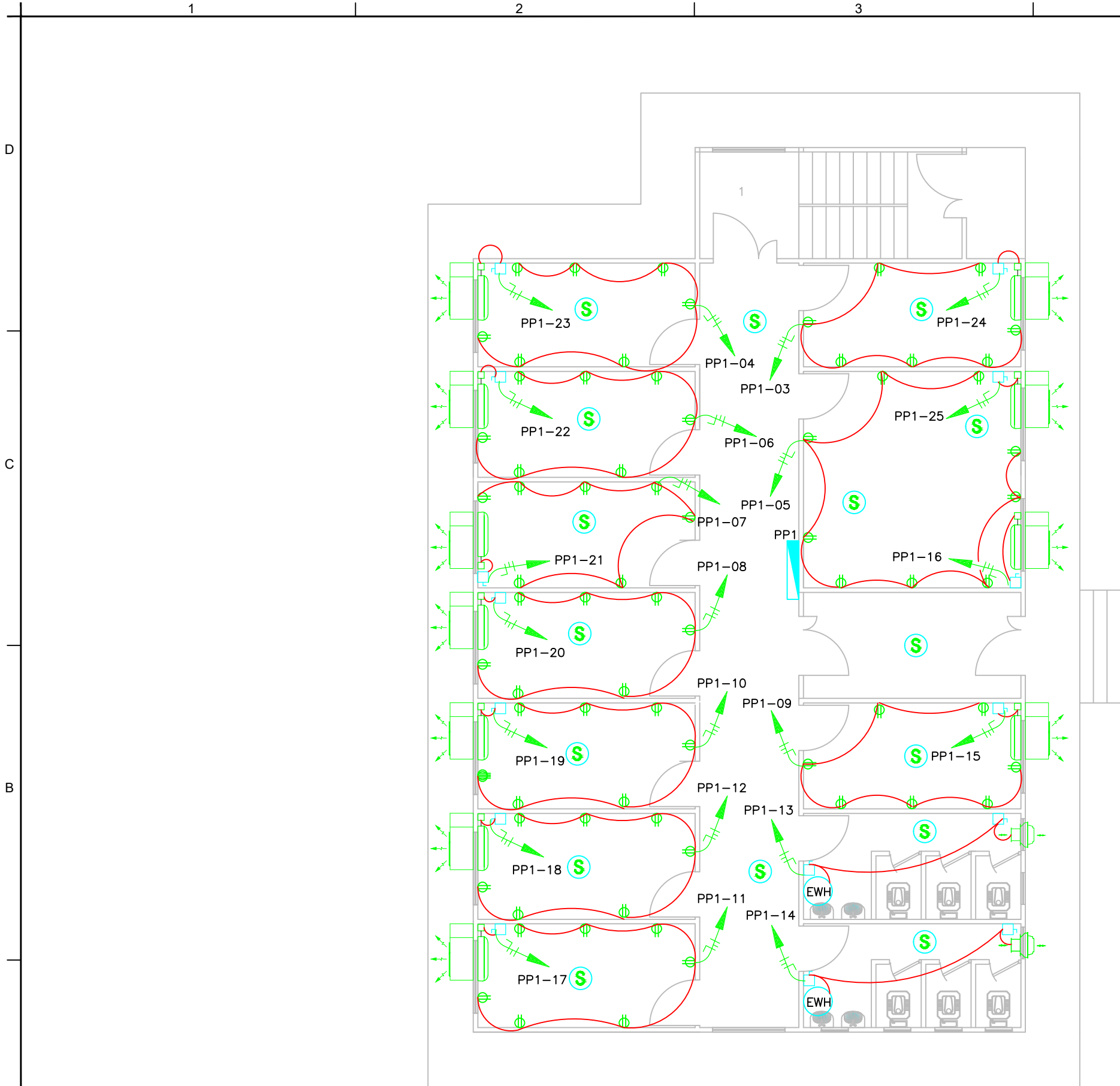
- * ALL DIMENSIONS ARE IN CENTIMETERS UNLESS OTHERWISE NOTED.
- * DO NOT SCALE DRAWINGS.
- * VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.
- * ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.
- * ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.
- * ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.

LEGENDS:

- SURFACE MOUNT LIGHT FIXTURE
T8/2X32W/220 VOLT.
- SURFACE MOUNTED, EXTERIOR RATED
CFL. 2/42TRT FIXTURE,
- DOUBLE HEAD METAL BODY,
EMERGENCY LIGHT
X2
- EXIT LIGHT, CEILING MOUNT, DUAL
FACE, 90 MINUTE BATTERY PACK
- POWER PANEL
PP
- BRANCH CIRCUIT HOMERUN TO PANEL
BOARD
- LIGHTING SWITCH SINGLE-POLE
S
- LIGHTING SWITCH, 2-POLE
S2
- THREE WAY LIGHTING SWITCH
S3

ISSUED FOR TENDER

BENEFICIARY				
IMPLEMENTOR				
		UNITED NATIONS DEVELOPMENT PROGRAM		
PROJECT: CONSTRUCTION OF OFFICE CONTAINER FOR ACJC				
DRAWING TITLE: FIRST FLOOR LIGHTING PLAN				
DESIGNED:	ZAFAR HAMID	PROJECT NO:	DRAWING NO. E-02	REV. 0
DRAWN:	ZAFAR HAMID	SHEET SIZE: A3		
CHECKED:	AH.SHAFIQ	SCALE: 1:75		
APPROVED:	AH.SHAFIQ	DATE:		



01 GROUND FLOOR POWER PLAN
E-03 SCALE: 1:100

No	DATE	REVISION
0		
1		
2		
3		

NOTES

- ALL DIMENSIONS ARE IN CENTIMETERS UNLESS OTHERWISE NOTED.
- DO NOT SCALE DRAWINGS.
- VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.
- ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.
- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.
- ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.


SHEET NOTES:

1. WET AREA SWITCHES SHALL BE WEATHERPROOF.
2. BALANCE THE LOAD BETWEEN PHASES ON ALL PANELS TO WITHIN +/- 10%.
3. ALL WIRING SHALL BE INSIDE OF PVC CONDUIT.
4. MOUNT ALL SWITCHES 1200mm ABOVE FINISH FLOOR UNLESS NOTED OTHERWISE.
5. MOUNT ALL RECEPTACLES IN PATIENTS ROOM 300mm ABOVE THE PATIENT'S BED.
6. REFER TO SHEET E-05 AND E-06 FOR PANEL SCHEDULE.

LEGENDS:

- RECESSED MOUNTED DUPLEX RECEPTACLE
- POWER PANEL
- BRANCH CIRCUIT HOMERUN TO PANEL BOARD
- 12000BTU SPLIT UNIT AND CONDENSING UNIT.
- WALL MOUNTED EXHAUST FAN
- DISCONNECT SWITCH
- SMOKE DETECTOR
- 1500W ELECTRICAL WATER HEATER

ISSUED FOR TENDER

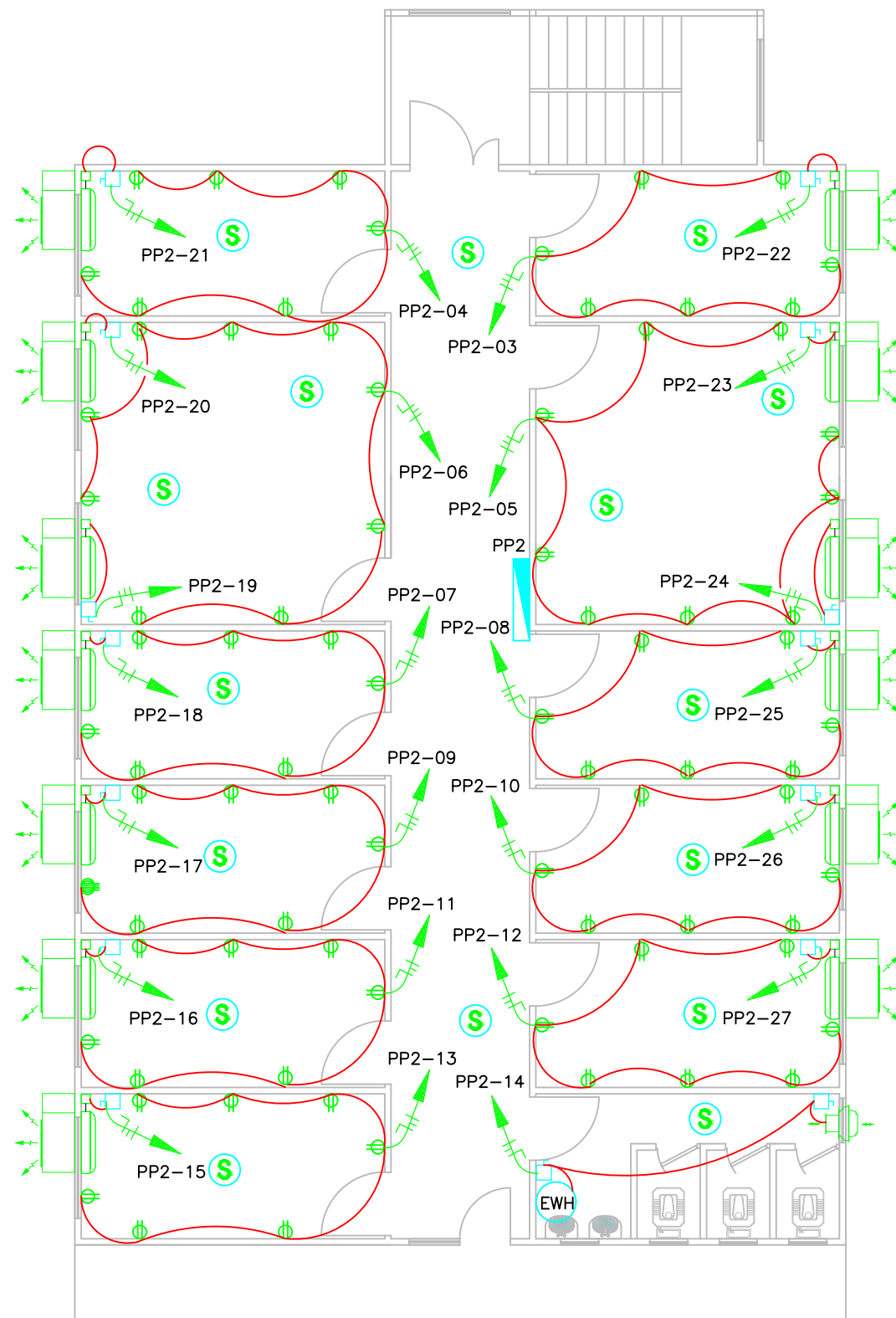
BENEFICIARY				
IMPLEMENTOR				
		UNITED NATIONS DEVELOPMENT PROGRAM		
PROJECT: CONSTRUCTION OF OFFICE CONTAINER FOR ACJC				
DRAWING TITLE: GROUND FLOOR POWER PLAN				
DESIGNED:	ZAFAR HAMID	PROJECT NO:	DRAWING NO. E-03	REV. 0
DRAWN:	ZAFAR HAMID	SHEET SIZE: A3		
CHECKED:		SCALE: 1:75		
APPROVED:	AH.SHAFIQ	DATE:		

D

C

B

A



01 FIRST FLOOR POWER PLAN
E-04 SCALE: 1:100

No	DATE	REVISION
0		
1		
2		
3		

NOTES

- * ALL DIMENSIONS ARE IN CENTIMETERS UNLESS OTHERWISE NOTED.
- * DO NOT SCALE DRAWINGS.
- * VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.
- * ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.
- * ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.
- * ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.


SHEET NOTES:

1. WET AREA SWITCHES SHALL BE WEATHERPROOF.
2. BALANCE THE LOAD BETWEEN PHASES ON ALL PANELS TO WITHIN $\pm 10\%$.
3. ALL WIRING SHALL BE INSIDE OF PVC CONDUIT.
4. MOUNT ALL SWITCHES 1200mm ABOVE FINISH FLOOR UNLESS NOTED OTHERWISE.
5. MOUNT ALL RECEPTACLES IN PATIENTS ROOM 300mm ABOVE THE PATIENT'S BED.
6. REFER TO SHEET E-05 AND E-06 FOR PANEL SCHEDULE.

LEGENDS:

- RECESSED MOUNTED DUPLEX RECEPTACLE
- POWER PANEL
- BRANCH CIRCUIT HOMERUN TO PANEL BOARD
- 12000BTU SPLIT UNIT AND CONDENSING UNIT.
- WALL MOUNTED EXHAUST FAN
- DISCONNECT SWITCH
- SMOKE DETECTOR
- 1500W ELECTRICAL WATER HEATER

ISSUED FOR TENDER

BENEFICIARY				
IMPLEMENTOR				
		UNITED NATIONS DEVELOPMENT PROGRAM		
PROJECT: CONSTRUCTION OF CONTAINER OFFICE FOR ACJC				
DRAWING TITLE: FIRST FLOOR POWER PLAN				
DESIGNED:	ZAFAR HAMID	PROJECT NO:	DRAWING NO. E-04	REV. 0
DRAWN:	ZAFAR HAMID	SHEET SIZE: A3		
CHECKED:	AH.SHAFIQ	SCALE: 1:75		
APPROVED:	AH.SHAFIQ	DATE:		

D

C

B

A

1

2

3

4


5

No	DATE	REVISION
0		
1		
2		
3		
NOTES		
* ALL DIMENSIONS ARE IN CENTIMETERS UNLESS OTHERWISE NOTED.		
* DO NOT SCALE DRAWINGS.		
* VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.		
* ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.		
* ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.		
* ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.		

PANEL (PP1)																		
PANEL LOCATION:						SUPPLIED FROM:						TVSS SIZE:		-				
PANEL:				NEMA ENCLOSURE TYPE:	1	MAIN BREAKER FRAME RATING:					INTERRUPTING CAPACITY:							
MOUNTING TYPE:		SURFACE					PHASE:		3P		MLO or MCB:							
LL VOLTAGE:		380		LN VOLTAGE:		220		WIRE:		4		MAIN BREAKER TRIP RATING:			70			
MIN. GROUNDING ELECTRODE (GEC):						LOOP:				FEEDER INFORMATION:			4/CX25mm2, Ø35mm		GROUNDING (EGC):		10mm2	
CKT#	OCPD		WIRE & CONDUIT	GND. WIRE	DESCRIPTION	Load (VA)			DESCRIPTION	GND. WIRE	WIRE & CONDUIT	OCPD		CKT#				
	AMPS	POLE				Aø	Bø	Cø				POLE	AMPS					
						10,885	11,040	10,200										
1	15	1P/3W	3(1CX2.5mm2), Ø16mm	2.5mm2	LIGHTS	1,100	A	1,465	LIGHTS	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	2				
3	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	RECEPTACLES	1,260	B	1,260	RECEPTACLES	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	4				
5	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	RECEPTACLES	1,620	C	1,260	RECEPTACLES	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	6				
7	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	RECEPTACLES	1,260	A	1,260	RECEPTACLES	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	8				
9	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	RECEPTACLES	1,260	B	1,260	RECEPTACLES	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	10				
11	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	RECEPTACLES	1,260	C	1,260	RECEPTACLES	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	12				
13	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	ELECTRIC WATER HEATER	1,700	A	1,700	ELECTRIC WATER HEATER	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	14				
15	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	SPLIT UNIT	1,200	B	1,200	SPLIT UNIT	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	16				
17	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	SPLIT UNIT	1,200	C	1,200	SPLIT UNIT	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	18				
19	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	SPLIT UNIT	1,200	A	1,200	SPLIT UNIT	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	20				
21	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	SPLIT UNIT	1,200	B	1,200	SPLIT UNIT	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	22				
23	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	SPLIT UNIT	1,200	C	1,200	SPLIT UNIT	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	24				
25	20				SPARE		A							26				
27	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	SPLIT UNIT	1,200	B							28				
29							C							30				
31							A							32				
33							B							34				
35							C							36				
37							A							38				
39							B							40				
41							C							42				
SUPPLY			kVA		AMPS		NOTES:											
TOTAL PHASE		A	10.89		49.48		1.ALL DEMAND FACTORS ARE IN COMPLIANCE WITH NEC 2011, TABLE 220.42, 220.44, 220.54, 220.55, 220.56, 220.84, 220.86, 220.88, 220.102 AND 103.											
TOTAL PHASE		B	11.04		50.18		2.NUMBER OF WIRES UNDER "CONDUIT SIZE" APPLIES TO NUMBER OF CURRENT CARRYING CONDUCTORS, INCLUDING NEUTRALS, IN ADDITION, PROVIDE EQUIPMENT GROUNDING WIRE IN EACH CONDUIT SIZED AS SCHEDULE.											
TOTAL PHASE		C	10.20		46.36													
CONNECTED LOAD					VA		LOAD DEMAND FACTOR			D. LOAD	NEC SERVICE ENTRANCE FACTOR**		S. LOAD	kVA				
LIGHTS			2565		VA		FIRST 3000VA @ 100%, FROM 3001VA TO 12000VA @35% AND REMAINDER OVER 120000VA @ 25%*			2.57	125%		3.21	kVA				
EMERGENCY+EXIT LIGHTS			0		VA		100%			0.00	100%		0.00	kVA				
RECEPTACLES			12960		VA		FIRST 10kVA OR LESS @ 100% AND REMAINDER OVER 10kVA @ 50%			11.48	100%		11.48	kVA				
EXHAUST FANS			0		VA		100%			0.00	125%		0.00	kVA				
CEILING FANS			0		VA		100%			0.00	125%		0.00	kVA				
ELECTRIC WATER HEATER			3400		VA		100%			3.40	125%		4.25	kVA				
ELECTRIC UNIT HEATER			0		VA		100%			0.00	100%		0.00	kVA				
SPLIT UNIT			13200		VA		100%			13.20	100%		13.20	kVA				
COMMUNICATION			0		VA		100%			0.00	100%		0.00	kVA				
FIRE DETECTION			0		VA		100%			0.00	100%		0.00	kVA				
CCTV SYSTEM			0		VA		100%			0.00	100%		0.00	kVA				
WELL PUMP			0		VA		100%			0.00	125%		0.00	kVA				
BOOSTER PUMP			0		VA		100%			0.00	125%		0.00	kVA				
DISINFECTION PUMP			0		VA		100%			0.00	100%		0.00	kVA				
TOTAL CONNECTED LOAD			32.125		kVA		TOTAL DEMAND LOAD			30.65	TOTAL SERVICE LOAD		32.14	kVA				
FUTURE LOAD		20%	6.13		kVA		CALCULATED DEMAND FACTOR			95.39%	TOTAL SERVICE + FUTURE LOAD		38.27	kVA				
ANCILLARY LOAD		0%	0.00		kVA		KEY NOTES:			TOTAL AMPERES		58.14	AMPS					
TOTAL LOAD		36.77		kVA		80% BRK. RATING				120%	69.77	AMPS						
* LIGHTING DEMAND FACTOR IS SELECTED FROM NEC 2011, TABLE 220.42 FOR DWELLING UNITS, REFER TO THE SAME TABLE FOR OTHER FACILITIES.																		
** SERVICE ENTRANCE IS SIZED BASED ON 125% OF CONTINUOUS + 100% OF NONCONTINUOUS LOAD PER NEC 2011, ART. 210.19																		

01 PP1 PANEL SCHEDULE
E-05 SCALE: N.T.S.

ISSUED FOR TENDER

BENEFICIARY				
IMPLEMENTOR				
		UNITED NATIONS DEVELOPMENT PROGRAM		
PROJECT: CONSTRUCTION OF OFFICE CONTAINER FOR ACJC				
DRAWING TITLE: PP1 PENAL SCHEDUL				
DESIGNED:	ZAFAR HAMID	PROJECT NO:	DRAWING NO. E-05	REV. 0
DRAWN:	ZAFAR HAMID	SHEET SIZE: A3		
CHECKED:	AH.SHAFIQ	SCALE: N.T.S.		
APPROVED:	AH.SHAFIQ	DATE:		

D

C

B

A

1

2

3

4


5

No	DATE	REVISION
0		
1		
2		
3		
NOTES		
* ALL DIMENSIONS ARE IN CENTIMETERS UNLESS OTHERWISE NOTED.		
* DO NOT SCALE DRAWINGS.		
* VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.		
* ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.		
* ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.		
* ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.		

PANEL (PP2)																	
PANEL LOCATION:						SUPPLIED FROM:						TVSS SIZE:		-			
PANEL:		NEMA ENCLOSURE TYPE:		1	MAIN BREAKER FRAME RATING:		INTERRUPTING CAPACITY:										
MOUNTING TYPE:		SURFACE				PHASE:		3P			MLO or MCB:						
LL VOLTAGE:		380		LN VOLTAGE:		220		WIRE:		4			MAIN BREAKER TRIP RATING: 80				
MIN. GROUNDING ELECTRODE (GEC):				LOOP:				FEEDER INFORMATION:		4/CX25mm2, Ø35mm			GROUNDING (EGC):		10mm2		
CKT#	OCPD			WIRE & CONDUIT	GND. WIRE	DESCRIPTION	Load (VA)			DESCRIPTION	GND. WIRE	WIRE & CONDUIT	OCPD		CKT#		
	AMPS	POLE	Aø				Bø	Cø	POLE				AMPS				
			11,905				11,040	11,760									
1	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	LIGHTS	1,275	A	1,550	LIGHTS	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	2			
3	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	RECEPTACLES	1,260	B	1,260	RECEP TACLES	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	4			
5	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	RECEPTACLES	1,620	C	1,620	RECEPTACLES	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	6			
7	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	RECEPTACLES	1,260	A	1,260	RECEPTACLES	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	8			
9	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	RECEPTACLES	1,260	B	1,260	RECEPTACLES	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	10			
11	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	RECEPTACLES	1,260	C	1,260	RECEPTACLES	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	12			
13	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	RECEPTACLES	1,260	A	1,700	ELECTRIC WATER HEATER	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	14			
15	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	SPLIT UNIT	1,200	B	1,200	SPLIT UNIT	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	16			
17	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	SPLIT UNIT	1,200	C	1,200	SPLIT UNIT	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	18			
19	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	SPLIT UNIT	1,200	A	1,200	SPLIT UNIT	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	20			
21	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	SPLIT UNIT	1,200	B	1,200	SPLIT UNIT	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	22			
23	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	SPLIT UNIT	1,200	C	1,200	SPLIT UNIT	4mm2	3(1CX4mm2), Ø21mm	1P/3W	20	24			
25	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	SPLIT UNIT	1,200	A		SPARE				20	26			
27	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	SPLIT UNIT	1,200	B		SPARE				20	28			
29	20	1P/3W	3(1CX4mm2), Ø21mm	4mm2	SPLIT UNIT	1,200	C		SPARE				20	30			
31	20				SPARE		A		SPARE				20	32			
33	20				SPARE		B		SPARE				20	34			
35							C							36			
37							A							38			
39							B							40			
41							C							42			
1. ALL DEMAND FACTORS ARE IN COMPLIANCE WITH NEC 2011, TABLE 220.42, 220.44, 220.54, 220.55, 220.56, 220.84, 220.86, 220.88, 220.102 AND 103.																	
2. NUMBER OF WIRES UNDER "CONDUIT SIZE" APPLIES TO NUMBER OF CURRENT CARRYING CONDUCTORS, INCLUDING NEUTRALS, IN ADDITION, PROVIDE EQUIPMENT GROUNDING WIRE IN EACH CONDUIT SIZED AS SCHEDULE.																	
SUPPLY		kVA		AMPS													
TOTAL PHASE	A	11.91		54.11													
TOTAL PHASE	B	11.04		50.18													
TOTAL PHASE	C	11.76		53.45													
CONNECTED LOAD				VA		LOAD DEMAND FACTOR			D. LOAD	NEC SERVICE ENTRANCE FACTOR**		S. LOAD	kVA				
LIGHTS		2825		VA		FIRST 3000VA @100%, FROM 3001VA TO 12000VA @35% AND REMAINDER OVER 120000VA @ 25%*			2.83	125%		3.53	kVA				
EMERGENCY+EXIT LIGHTS		0		VA		100%			0.00	100%		0.00	kVA				
RECEPTACLES		14580		VA		FIRST 10kVA OR LESS @ 100% AND REMAINDER OVER 10kVA @ 50%			12.29	100%		12.29	kVA				
EXHAUST FANS		0		VA		100%			0.00	125%		0.00	kVA				
CEILING FANS		0		VA		100%			0.00	125%		0.00	kVA				
ELECTRIC WATER HEATER		1700		VA		100%			1.70	125%		2.13	kVA				
ELECTRIC UNIT HEATER		0		VA		100%			0.00	100%		0.00	kVA				
SPLIT UNIT		15600		VA		100%			15.60	100%		15.60	kVA				
COMMUNICATION		0		VA		100%			0.00	100%		0.00	kVA				
FIRE DETECTION		0		VA		100%			0.00	100%		0.00	kVA				
CCTV SYSTEM		0		VA		100%			0.00	100%		0.00	kVA				
WELL PUMP		0		VA		100%			0.00	125%		0.00	kVA				
BOOSTER PUMP		0		VA		100%			0.00	125%		0.00	kVA				
DISINFECTION PUMP		0		VA		100%			0.00	100%		0.00	kVA				
TOTAL CONNECTED LOAD		34.705		kVA		TOTAL DEMAND LOAD			32.42	TOTAL SERVICE LOAD		33.55	kVA				
FUTURE LOAD	20%	6.48		kVA		CALCULATED DEMAND FACTOR			93.40%	TOTAL SERVICE + FUTURE LOAD		40.03	kVA				
ANCILLARY LOAD		0.00		kVA		KEY NOTES:			TOTAL AMPERES		60.82	AMPS					
TOTAL LOAD		38.90		kVA					80% BRK. RATING		120%	72.98	AMPS				
* LIGHTING DEMAND FACTOR IS SELECTED FROM NEC 2011, TABLE 220.42 FOR DWELLING UNITS, REFER TO THE SAME TABLE FOR OTHER FACILITIES.																	
** SERVICE ENTRANCE IS SIZED BASED ON 125% OF CONTINUOUS + 100% OF NONCONTINUOUS LOAD PER NEC 2011, ART. 210.19																	

01 PP2 PANEL SCHEDULE
E-06 SCALE: N.T.S.

ISSUED FOR TENDER

BENEFICIARY				
IMPLEMENTOR				
		UNITED NATIONS DEVELOPMENT PROGRAM		
PROJECT: CONSTRUCTION OF OFFICE CONTAINER FOR ACJC				
DRAWING TITLE: PP2 PANEL SCHEDULE				
DESIGNED:	ZAFAR HAMID	PROJECT NO:	DRAWING NO. E-06	REV. 0
DRAWN:	ZAFAR HAMID	SHEET SIZE: A3		
CHECKED:	AH.SHAFIQ	SCALE: N.T.S.		
APPROVED:	AH.SHAFIQ	DATE:		



No	DATE	REVISION
0		
1		
2		
3		

NOTES

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- DO NOT SCALE DRAWINGS.
- VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.
- ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.
- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.
- ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.


D

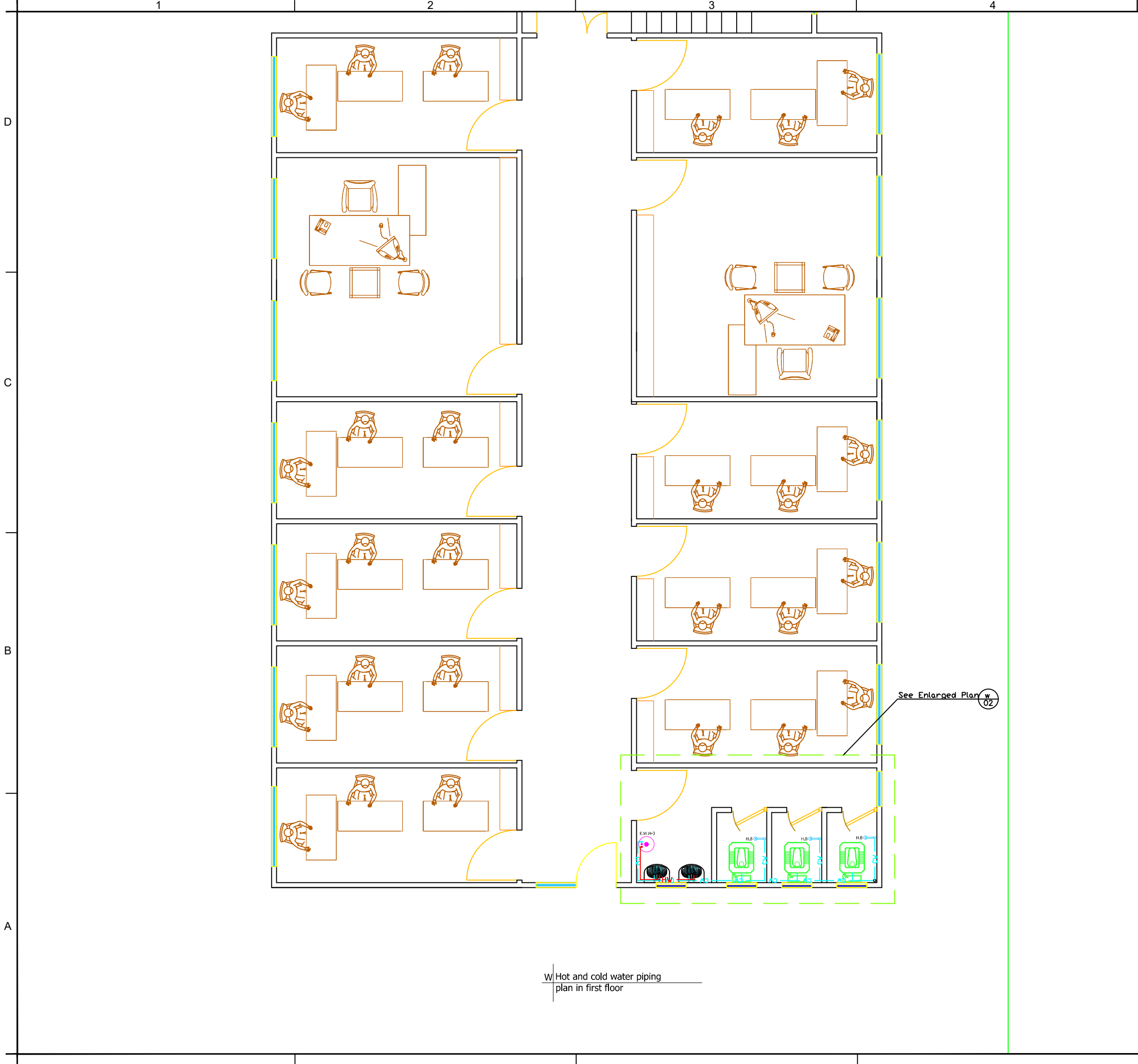
C

B

A

ISSUED FOR TENDER

BENEFICIARY				
IMPLEMENTOR				
		UNITED NATIONS DEVELOPMENT PROGRAM		
PROJECT: CONSTRUCTION OF OFFICE CONTAINER FOR ACJC				
DRAWING TITLE: FIRST FLOOR PLAN				
DESIGNED:	AH.SHAFIQ	PROJECT NO:	DRAWING NO. REV.	WS-01 0
DRAWN:	AH.SHAFIQ	SHEET SIZE: A3		
CHECKED:	M.ASIL.KHAN	SCALE: 1:100		
APPROVED:	M.ASIL.KHAN	DATE:		




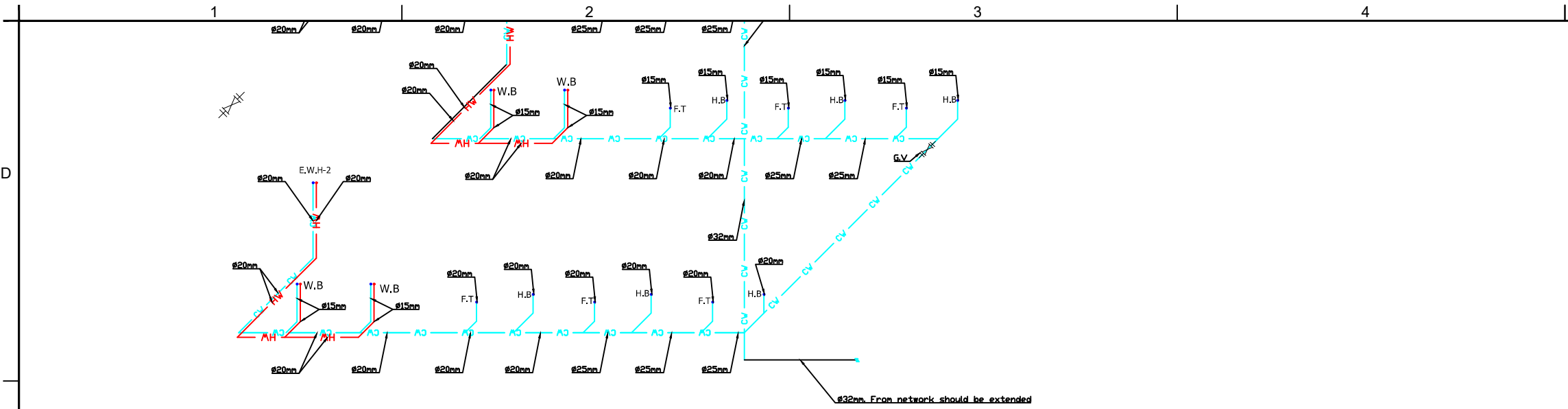
5		
No	DATE	REVISION
0		
1		
2		
3		

NOTES

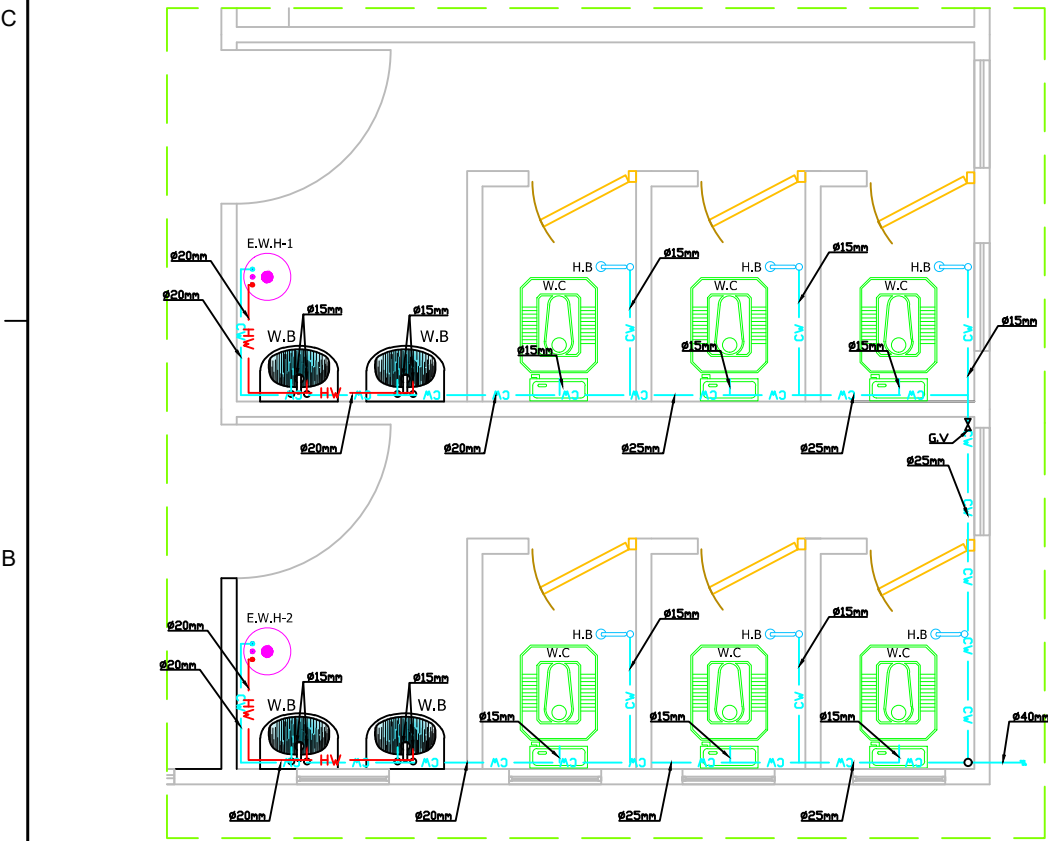
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- DO NOT SCALE DRAWINGS.
- VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.
- ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.
- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.
- ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.

ISSUED FOR TENDER

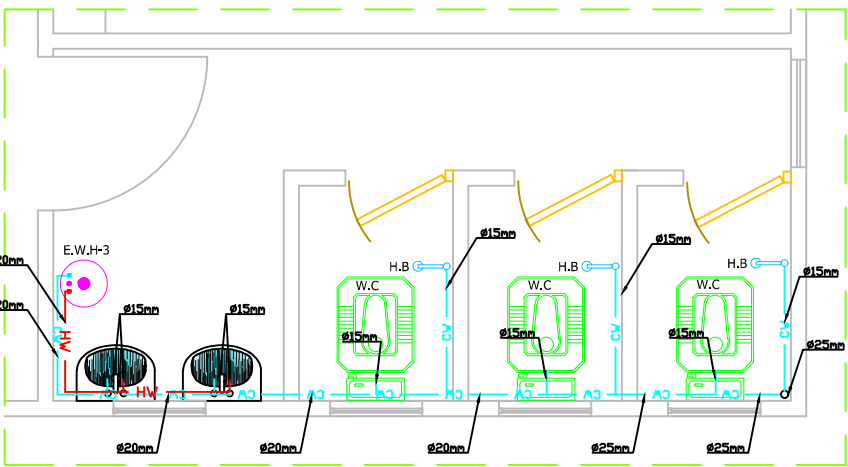
BENEFICIARY				
IMPLEMENTOR				
		UNITED NATIONS DEVELOPMENT PROGRAM		
PROJECT: CONSTRUCTION OF OFFICE CONTAINER FOR ACJC				
DRAWING TITLE: FIRST FLOOR PLAN				
DESIGNED:	AH.SHAFIQ	PROJECT NO:	DRAWING NO. REV.	WS-02 0
DRAWN:	AH.SHAFIQ	SHEET SIZE: A3		
CHECKED:	M.ASIL.KHAN	SCALE: 1:100		
APPROVED:	M.ASIL.KHAN	DATE:		



W Hot and cold water isometric view
03



W Hot and cold water piping enlarged
01 plan in ground floor



W Hot and cold water piping enlarged
02 plan in first floor

- 1-ALL INTERNAL PIPING SHALL BE UPVC TO BS 4514 OR CLASS"D"
- 2-ALL SANITARY BRANCH LINES SHALL BE SLOPED AT 6mm PER 305mm, AND ALL MAIN LINES SHALL BE SLOPED AT 3mm PER 305mm, UNLESS OTHERWISE NOTED OR AS REQUIRED BY THE LOCAL AUTHORITY HAVING JURISDICTION
- 4-NO BENDS ARE ALLOWED IN HORIZONTAL PIPES, RUNNING UNDERGROUND
- 5-ALL BENDS AT BASE OF STACKS SHALL BE LONG RADIUS BENDS
- 6-RAIN WATER PIPES ARE NOT TO BE CONNECTED TO SEWER LINES.THESE SHOULD DISCHARGE FREE ABOVE GROUND
- 7-FOR ALL COMMERCIAL KITCHENS, HEAVY DUTY GREASE TRAPS MUST BE PROVIDED AS PER DM REGULATIONS
- 8 - INVERT LEVELS SHOULD BE REFERRED IN RELATION TO DM DATUM
- 9-HORIZONTAL SEWER PIPE IN KITCHEN AND TOILET RUN ABOVE THE SLAB OR UNDER TILE WITH 2% LOPE .
- 10- ALL DIAMETERS THAT ARE SHOWN IN THE DRAWINGS ARE EXTERNAL.
- 11-ALL WATER SERVICE PIPE SHALL PPRC OR PPR ASTM D 1785.
- 12-ALL WATER SERVICE PIPE ARE EXPOSED SHALL BE INSULATED.
- 13- ALL WATER PIPE SHALL BE SLEEVED WHEN IT PASS THROUGH WALL AND CONCRETE AREA.

- ABB**
- EWB ELECTRIC WATER HEATER OR BOILER
- WC-1 EASTERN WATER CLOSET
- WC-2 WESTERN WATER CLOSET
- HB HOSE BIB OR MUSLIM SHOWER
- SH SHOWER
- CW COLD WATER PIPE
- HW HOT WATER PIPE
- LV WASH BASIN OR LAVATORY
- GV GATE VALVE
- F.T FLASH TANK

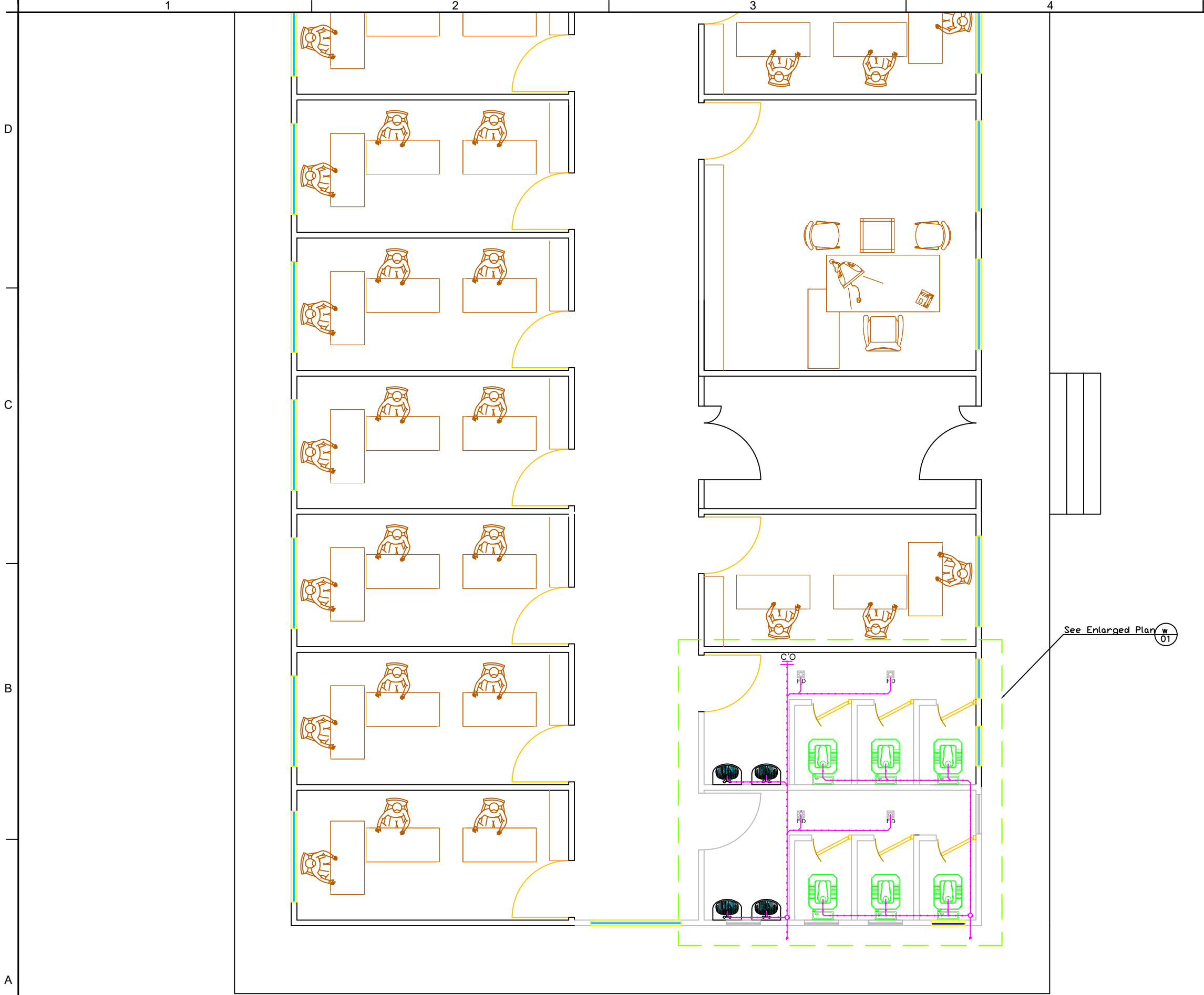
No	DATE	REVISION
0		
1		
2		
3		

NOTES

- * ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- * DO NOT SCALE DRAWINGS.
- * VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.
- * ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.
- * ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.
- * ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.

ISSUED FOR TENDER

BENEFICIARY				
IMPLEMENTOR				
PROJECT: CONSTRUCTION OF OFFICE CONTAINER FOR AC.JC				
DRAWING TITLE: HOT AND COLD WATER SUPPLY PIPING AND DETAILIS				
DESIGNED:	AH.SHAFIQ	PROJECT NO:	DRAWING NO.	REV.
DRAWN:	AH.SHAFIQ	SHEET SIZE: A3	WS-03	0
CHECKED:	M.ASIL.KHAN	SCALE: 1:100		
APPROVED:	M.ASIL.KHAN	DATE:		



5		
No	DATE	REVISION
0		
1		
2		
3		

NOTES

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- DO NOT SCALE DRAWINGS.
- VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.
- ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.
- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.
- ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.

D


C

B

A

S Black and gray water piping
plan in ground floor

ISSUED FOR TENDER

BENEFICIARY				
IMPLEMENTOR				
<div> UNITED NATIONS DEVELOPMENT PROGRAM</div>				
PROJECT: CONSTRUCTION OF OFFICE CONTAINER FOR ACJC				
DRAWING TITLE: BLACK AND GRAY WATER PIPING				
DESIGNED:	AH.SHAFIQ	PROJECT NO:	DRAWING NO. REV.	
DRAWN:	AH.SHAFIQ	SHEET SIZE:	A3	WS-04 0
CHECKED:	M.ASIL.KHAN	SCALE:	1:75	
APPROVED:	M.ASIL.KHAN	DATE:		




S Black and gray water piping
plan in first floor

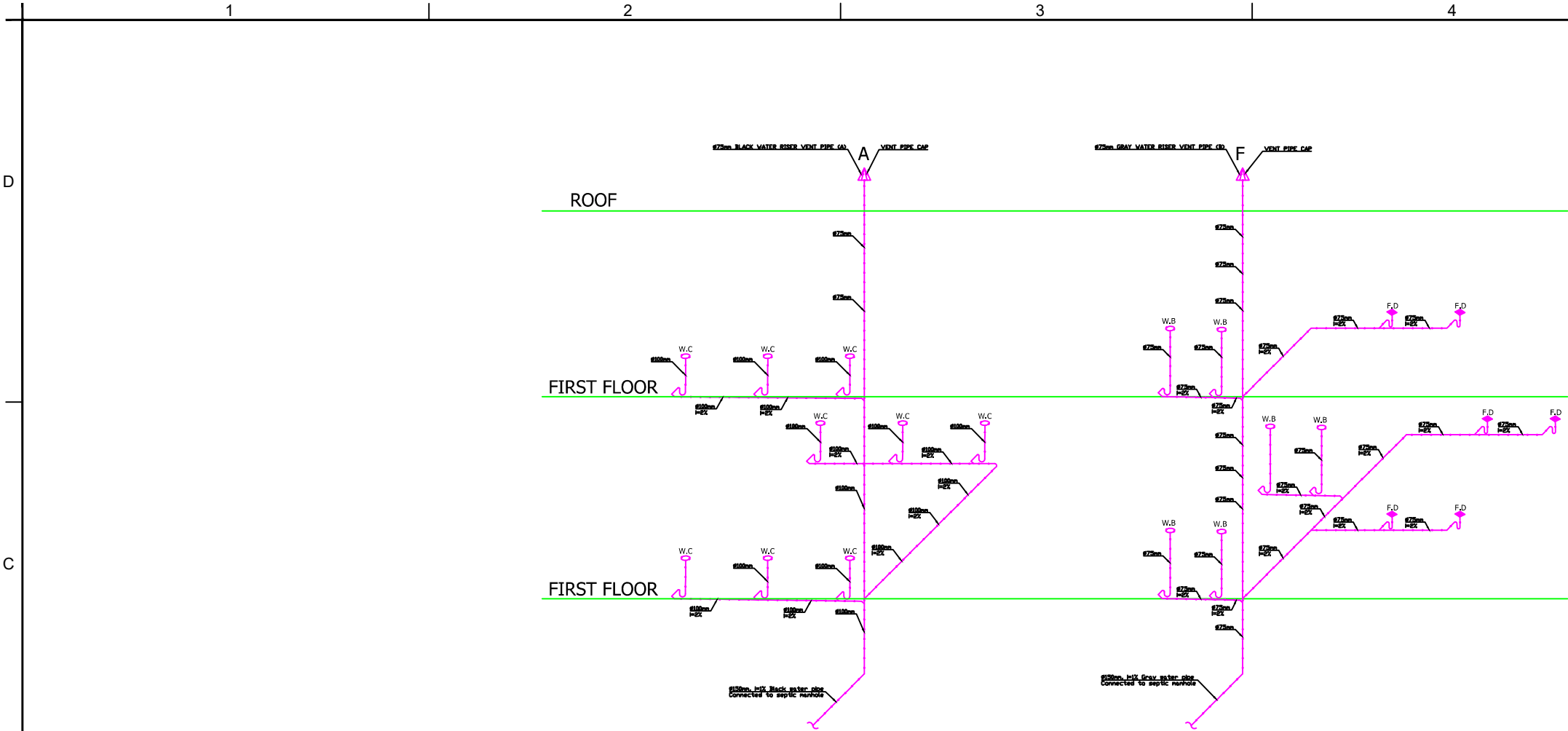
5		
No	DATE	REVISION
0		
1		
2		
3		

NOTES

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- DO NOT SCALE DRAWINGS.
- VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.
- ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.
- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.
- ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.

ISSUED FOR TENDER

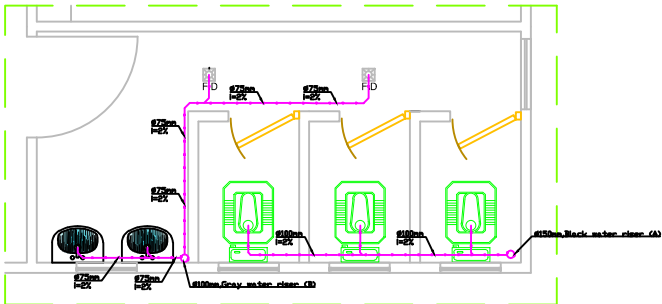
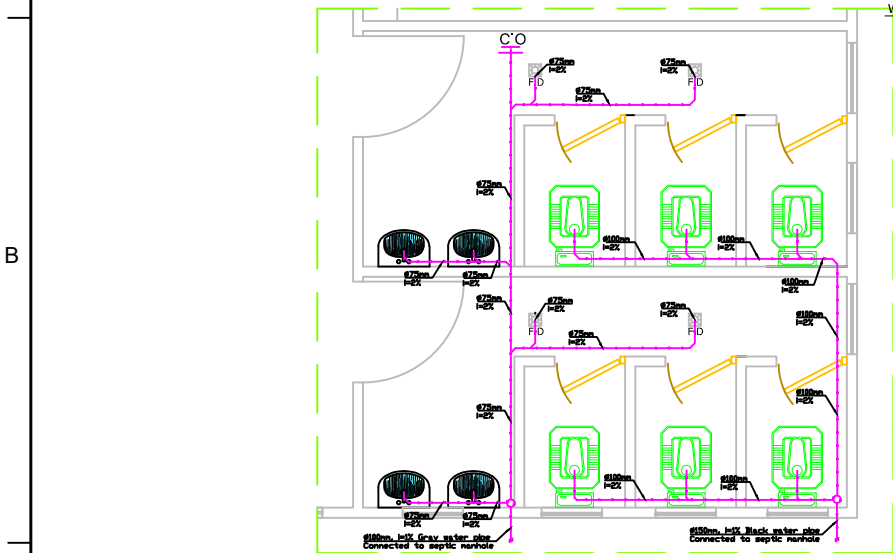
BENEFICIARY				
IMPLEMENTOR				
		UNITED NATIONS DEVELOPMENT PROGRAM		
PROJECT: CONSTRUCTION OF OFFICE CONTAINER FOR ACJC				
DRAWING TITLE: BLACK AND GRAY WATER PIPING FOR FIRST FLOOR				
DESIGNED:	AH.SHAFIQ	PROJECT NO:	DRAWING NO. REV.	WS-05 0
DRAWN:	AH.SHAFIQ	SHEET SIZE: A3		
CHECKED:	M.ASIL.KHAN	SCALE: 1:75		
APPROVED:	M.ASIL.KHAN	DATE:		



No	DATE	REVISION
0		
1		
2		
3		

NOTES

- * ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- * DO NOT SCALE DRAWINGS.
- * VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.
- * ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.
- * ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.
- * ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.



W/Black & Gray water piping enlarged 01 plan in ground floor

LEGEND		
SYMBOL	DISCRIPTION	REMARKS
	BLACK & GRAY WATER PIPE	PVC CLASS "D" PIPE
	BLACK & GRAY WATER PIPE RISER	
	WC-1 WESTERN WATER CLOSET	APPROVED MAKE
	WC EASTERN WATER CLOSET	APPROVED MAKE
	WB WASH BASIN	APPROVED MAKE
	FD FLOOR DRAIN	PVC FLOOR DRAIN
	C.O. CLEAN OUT	PVC CLEAN OUT

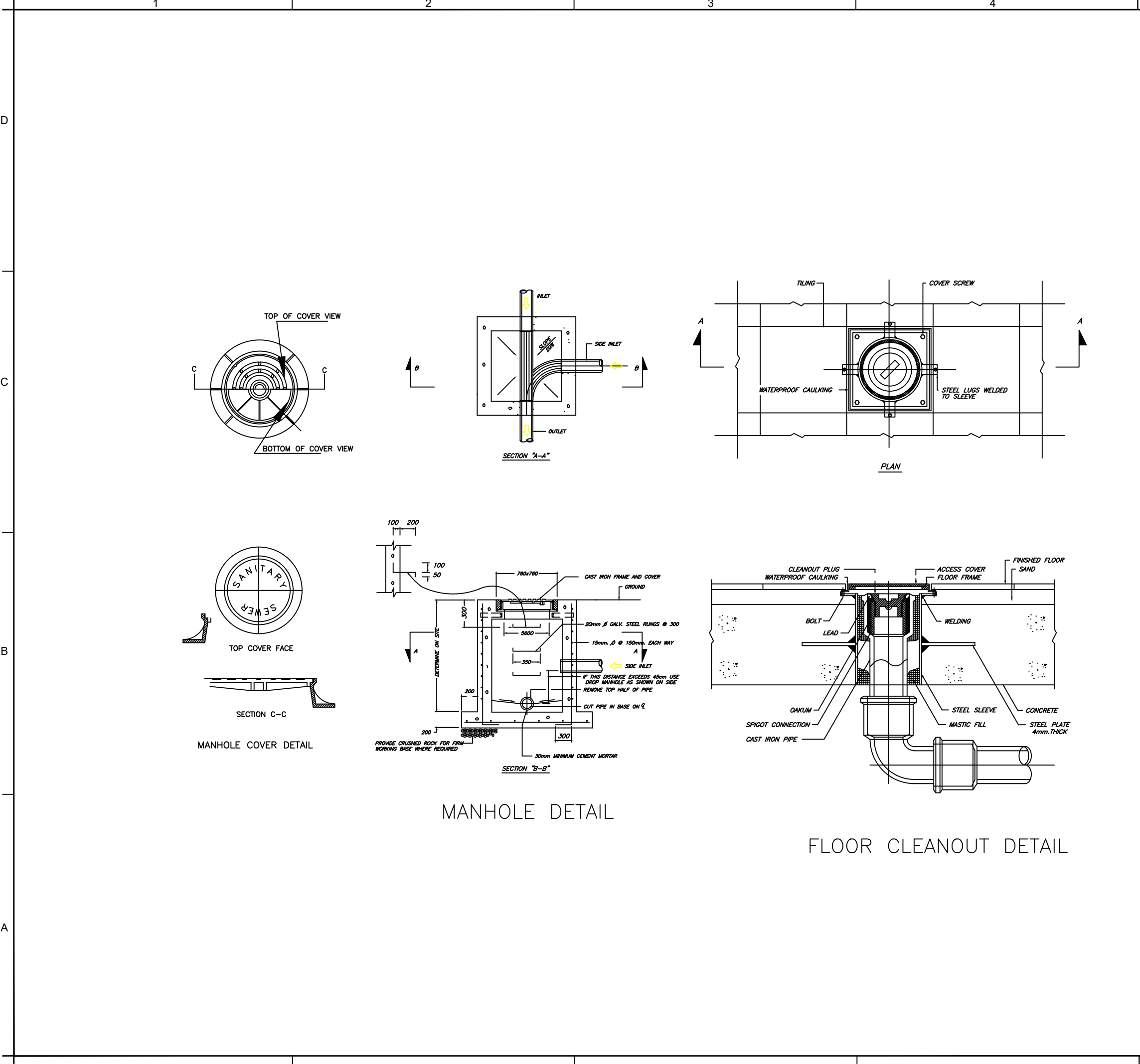
ABB	
EW/H	ELECTRIC WATER HEATER OR BOILER
WC-1	EASTERN WATER CLOSET
WC-2	WESTERN WATER CLOSET
HB	HOSE BIB OR MUSLIM SHOWER
SH	SHOWER
CW	COLD WATER PIPE
HW	HOT WATER PIPE
LV	WASH BASIN OR LAVATORY
GV	GATE VALVE
F.T	FLASH TANK

GENERAL NOTES:-

- 1-ALL INTERNAL PIPING SHALL BE UPVC TO BS 4514 OR CLASS"D"
- 2-ALL SANITARY BRANCH LINES SHALL BE SLOPED AT 6mm PER 305mm, AND ALL MAIN LINES SHALL BE SLOPED AT 3mm PER 305mm, UNLESS OTHERWISE NOTED OR AS REQUIRED BY THE LOCAL AUTHORITY HAVING JURISDICTION
- 3-NO BENDS ARE ALLOWED IN HORIZONTAL PIPES, RUNNING UNDERGROUND
- 4-ALL BENDS AT BASE OF STACKS SHALL BE LONG RADIUS BENDS
- 5-RAIN WATER PIPES ARE NOT TO BE CONNECTED TO SEWER LINES.THESE SHOULD DISCHARGE FREE ABOVE GROUND
- 6-7-FOR ALL COMMERCIAL KITCHENS, HEAVY DUTY GREASE TRAPS MUST BE PROVIDED AS PER DM REGULATIONS
- 8-INVERT LEVELS SHOULD BE REFERRED IN RELATION TO DM DATUM
- 9-HORIZONTAL SEWER PIPE IN KITCHEN AND TOILET RUN ABOVE THE SLAB OR UNDER TILE WITH 2% LOPE .
- 10-ALL DIAMETERS THAT ARE SHOWN IN THE DRAWINGS ARE EXTERNAL.
- 11-ALL WATER SERVICE PIPE SHALL PPIC OR PPR ASTM D 1785.
- 12-ALL WATER SERVICE PIPE ARE EXPOSED SHALL BE INSULATED.
- 13-ALL WATER PIPE SHALL BE SLEEVED WHEN IT PASS THROUGH WALL AND CONCRETE AREA.


ISSUED FOR TENDER

BENEFICIARY				
IMPLEMENTOR				
UNITED NATIONS DEVELOPMENT PROGRAM				
PROJECT: CONSTRUCTION OF OFFICE CONTAINER FOR ACJC				
DRAWING TITLE: BLACK AND GRAY WATER PIPING FOR G&F FLOOR				
DESIGNED:	AH.SHAFIQ	PROJECT NO:	DRAWING NO. WS-06	REV. 0
DRAWN:	AH.SHAFIQ	SHEET SIZE:		
CHECKED:	M.ASIL.KHAN	SCALE:		
APPROVED:	M.ASIL.KHAN	DATE:		



5		
No	DATE	REVISION
0		
1		
2		
3		
NOTES		
* ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.		
* DO NOT SCALE DRAWINGS.		
* VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.		
* ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.		
* ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.		
* ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.		

ISSUED FOR TENDER

BENEFICIARY				
IMPLEMENTOR				
		UNITED NATIONS DEVELOPMENT PROGRAM		
PROJECT: CONSTRUCTION OF OFFICE CONTAINER FOR ACJC				
DRAWING TITLE: FLOOR CLEANOUTS AND MANHOLE DENTALS				
DESIGNED:	AH.SHAFIQ	PROJECT NO:	DRAWING NO. REV.	WS-07 0
DRAWN:	AH.SHAFIQ	SHEET SIZE: A3		
CHECKED:	M.ASIL.KHAN	SCALE: 1:75		
APPROVED:	M.ASIL.KHAN	DATE:		