

LEGEND

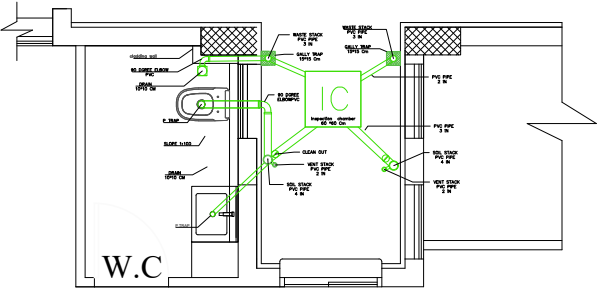
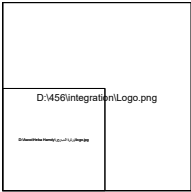
01	SOIL STACK 4"	
02	WEST STACK 3"	
03	VENT STACK 2"	
04	CLEAN OUT	
05	MANHOLE	
06	GULLY TRAP	
07	GREASE TRAP	
08	UNION	
09	90 DEGREE ELBOW 3", 2" DIAMETER	
10	45 DEGREE BEND 2" DIAMETER	
11	DOUBLE BRANCH	
12	INSPECTION CHAMBER 60*60_CM	

ID 426 Building Services Integration

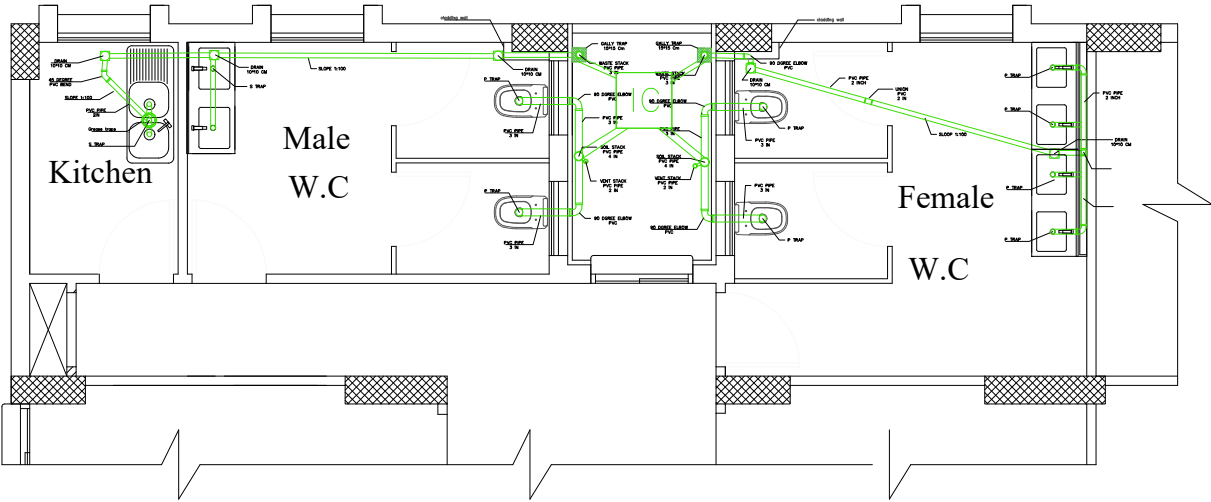
Assignment I

Office Building Water and Waste Plumbing

Students Names	Raghad Alghannam Najeh Akhaldy Noof Alobaidi Noor Ashoor	Students Numbers	391200159 391200187 381200258 401200246
Dr. Hebatallah Hamdy	Sem 4	Date	30 /9/ 2024

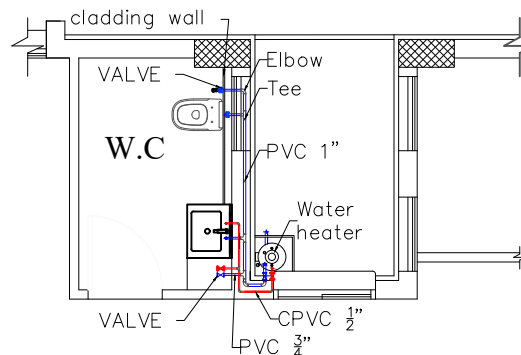


Ground Floor Plan
SCALE 1:50



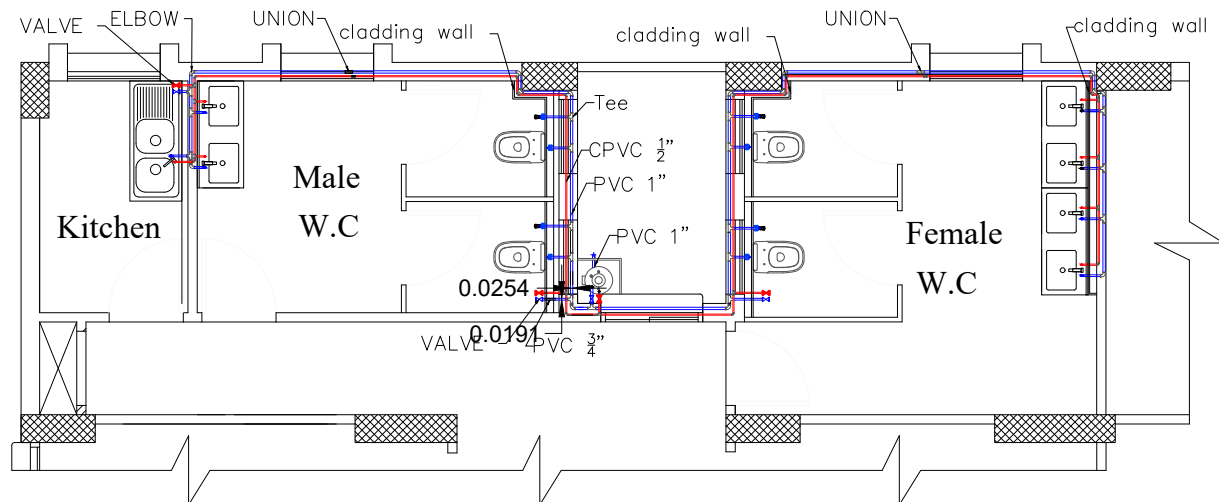
First Floor Plan
SCALE 1:50

LEGEND		
01	CURB BOX SHUT OFF VALVE	
02	WATER METER	
03	SHUT OFF VALVE	
04	UNION	
05	90 DEGREE ELBOW 1/2", 3/4"	
06	DIAMETER STRAIGHT TEE	
07	REDUCER	
08	WATER MAIN	
09	PVC COLD PIPE 1", 3/4", 1/2"	
10	CPVC HOT PIPE 1", 1/2"	
11	ELECTRIC WATER HEATER (WH) 50 GALLON	



Ground Floor Plan

SCALE 1:50



First Floor Plan

SCALE 1:50

ID 426 Building Services Integration

Assignment I

Office Building Water and Waste Plumbing

Students	Raghad	Students	391200159
Names	Alghannam	Numbers	391200187
	Najeah Akhaldi		381200258
	Nouf Alobaidi		401200246
	Noor Ashoor		
Dr. Hebatallah Hamdy	Sem 4	Date	30 / 9 / 2024

LEGEND

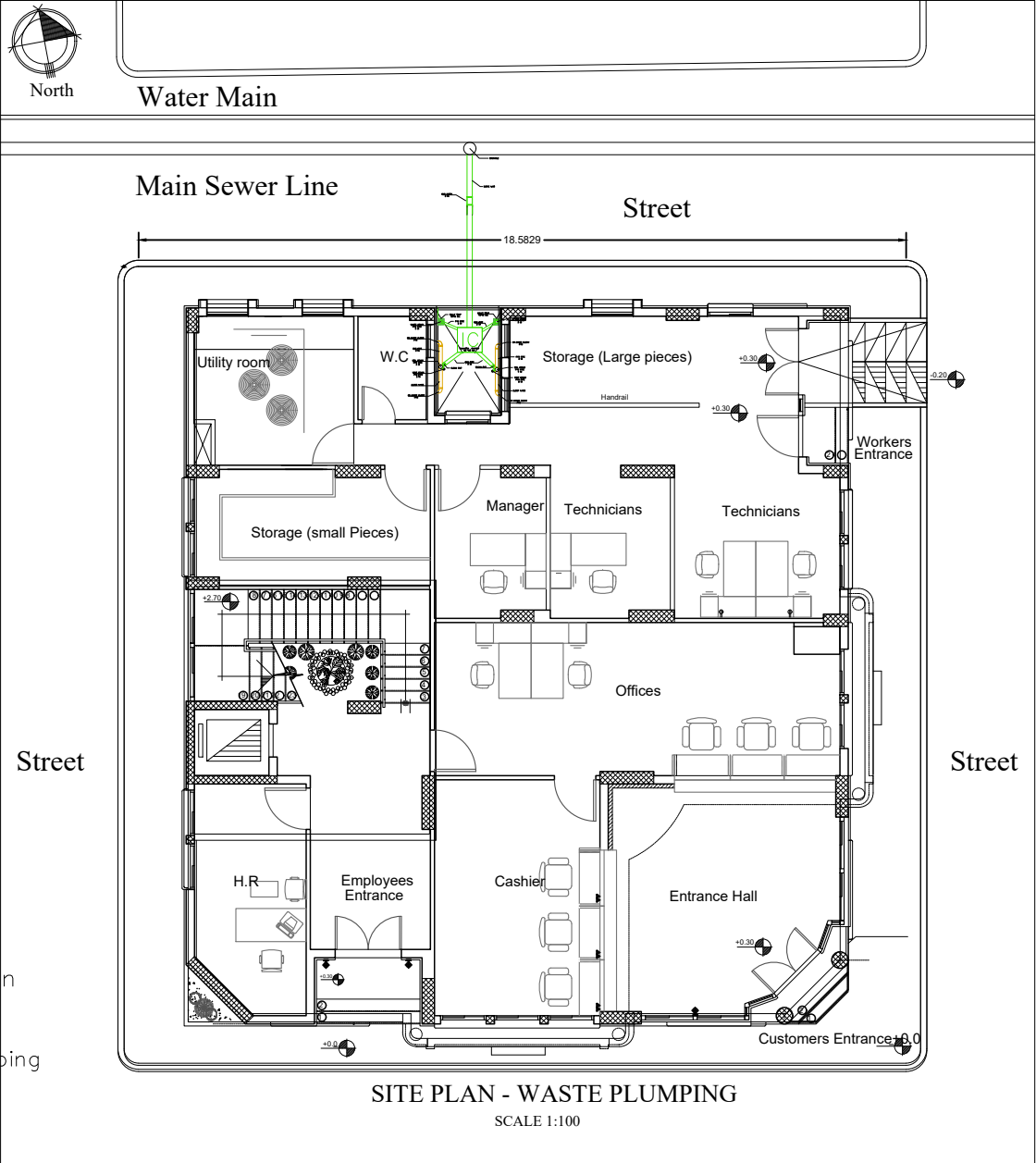
01	SOIL STACK 4"	
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04	CLEAN OUT	
05	MANHOLE	
06	GULLY TRAP	
07	UNION	
08	90 DEGREE ELBOW 4" DIAMETER	
09	INSPECTION CHAMBER 60*60CM	

ID 426 Building Services Integration

Assignment I

Office Building Water and Waste Plumbing

Students Names	Raghad Alghannam Najeah Akhaldi Nouf Alobaidi Noor Ashoor	Students Numbers	391200159 391200187 381200258 401200246
Dr. Hebatallah Hamdy	Sem 46	Date	30/9/ 2024



LEGEND

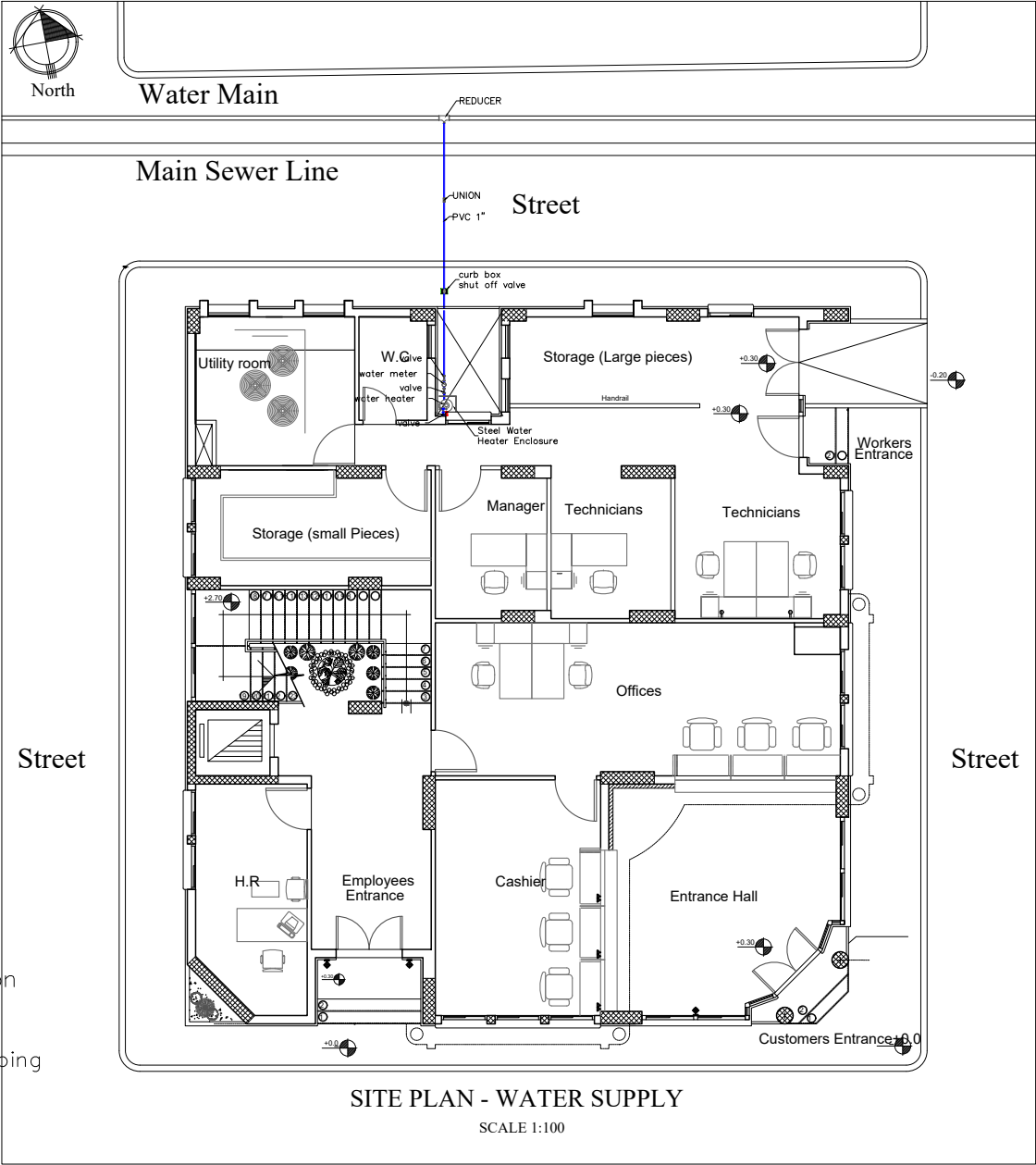
01	CURB BOX SHUT OFF VALVE	
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ID 426 Building Services Integration

Assignment I

Office Building Water and Waste Plumbing

Students	Raghad Alghannam	Students	391200159
Names	Najeah Akhaldi	Numbers	391200187
	Noof Alobaidi		381200258
	Noor Ashoor		401200246
Dr. Hebatallah Hamdy	Sem 4	Date	30/ 9/ 2024



LEGEND

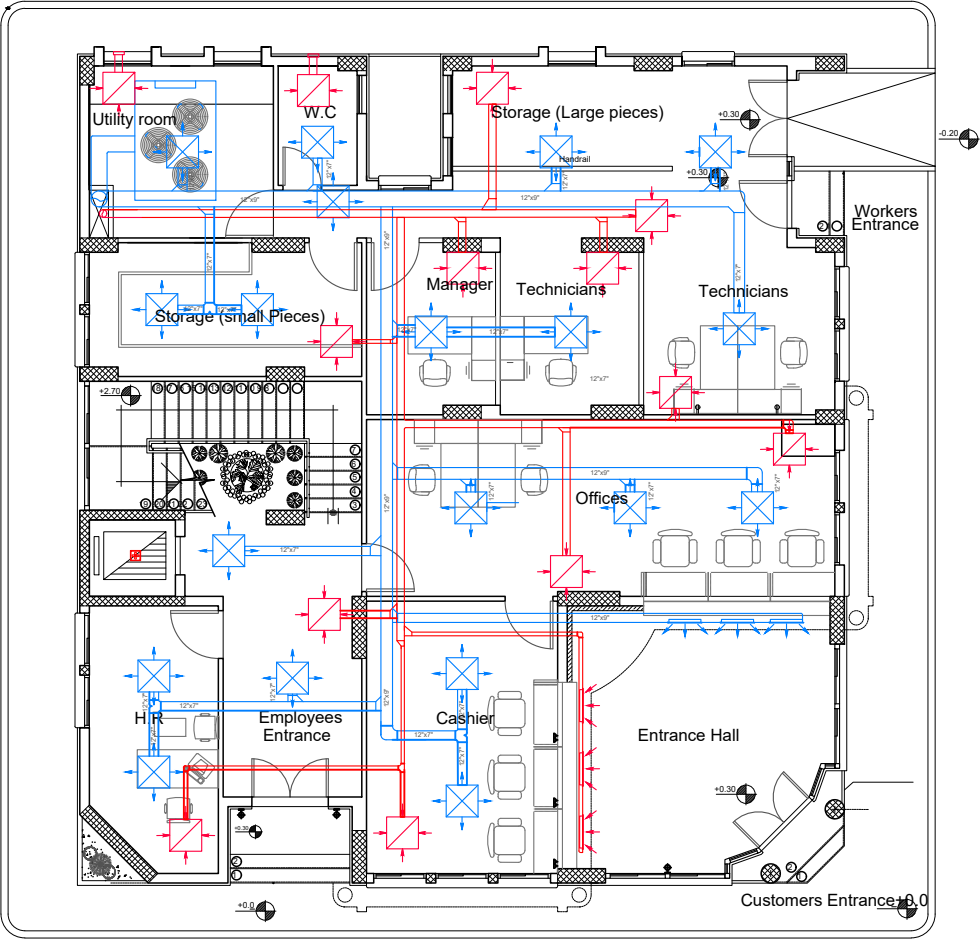
01	SUPPLY AIR DIFFUSER	
02	RETURN AIR DIFFUSER	
03	BRANCH DUCT	
04	VARIABLE BEND	
05	STRAIT DUCT	
06	VIRTICAL DUCT	
07	SUPPLY LINEAR AIR GRILLE	
08	RETURN LINEAR AIR GRILLE	
09	FAN	

ID 426 Building Services Integration

Assignment I

Office Building Water and Waste Plumbing

Students Names	Raghad Alghannam Najeh Akhaldi Nouf Alobaidi Noor Ashoor	Students Numbers	391200159 391200187 381200258 401200246
Dr. Hebatallah Hamdy	Sem 461	Date:	21 / 11/ 2024

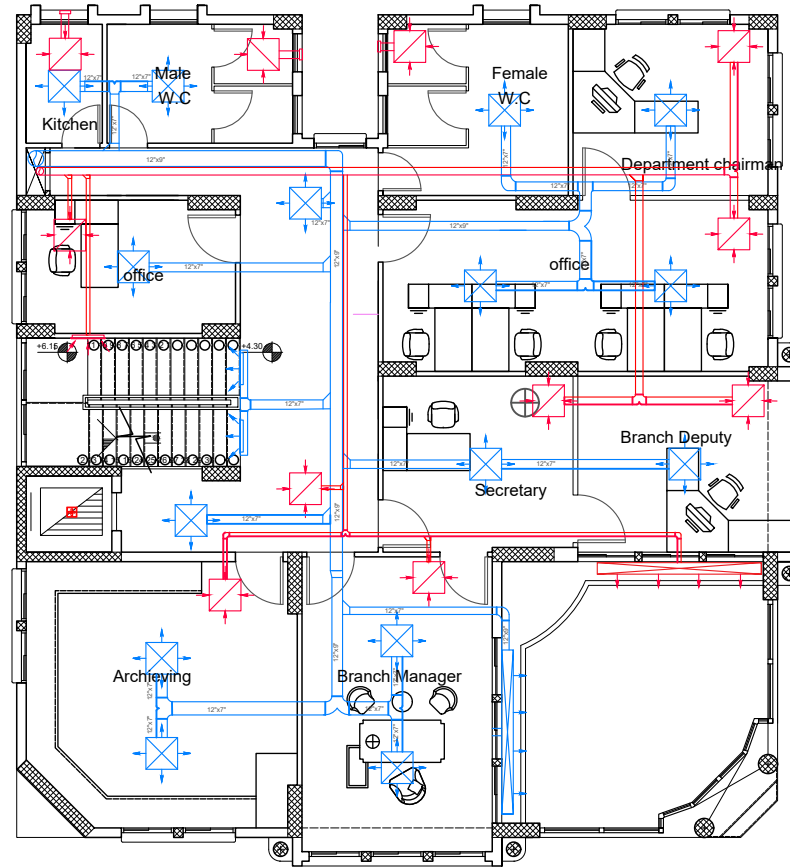


Ground Floor Plan

LEGEND



01	SUPPLY AIR DIFFUSER	
02	RETURN AIR DIFFUSER	
03	BRANCH DUCT	
04	VARIABLE BEND	
05	STRAIT DUCT	
06	VIRTICAL DUCT	
07	SUPPLY LINEAR AIR GRILLE	
08	RETURN LINEAR AIR GRILLE	
09	FAN	



First Floor Plan

ID 426 Building Services Integration

Assignment I

Office Building Water and Waste Plumbing

Students Names	Raghad Alghannam Najeeh Akhaldi Nouf Alobaidi Noor Ashoor	Students Numbers	391200159 391200187 381200258 401200246
Dr. Hebatallah Hamdy	Sem 461	Date:	21 / 11/ 2024