

NOTES

A. AIR CONDITIONING AND VENTILATION SERVICES

1. INSULATED REFRIGERANT PIPEWORK IN CEILING VOID SHALL BE WRAPPED WITH VINYL TAPE AND LAID ON CABLE BASKET
2. INSULATED REFRIGERANT PIPEWORK THROUGH WALLS AND SLAB SHALL BE PROTECTED WITH CORRUGATED PVC PIPES (50-65mm DIAMETER)
3. CONDENSATE PIPEWORK SHALL BE 32mm INSULATED AND WRAPPED WITH VINYL TAPE
4. INSULATED REFRIGERANT PIPEWORK EXPOSED TO THE WEATHER SHALL BE WRAPPED WITH VINYL TAPE AND LAID ON CABLE BASKET
5. CONDENSATE DRAIN CONNECTIONS TO WP SHALL BE WITH DOUBLE TRAP
6. CONDENSATE SHALL BE DISCHARGED TO STORM DRAINAGE, WHERE THIS IS NOT FEASIBLE, CONDENSATE SHALL BE DISCHARGED INTO PURPOSED CONDENSATE PIT (300x300 PIT FILLED WITH GRANITE)
7. OUTDOOR UNITS FOR SINGLE SPLIT UNITS SHALL GENERALLY BE MOUNTED ON FACTORY FABRICATED BRACKET AND MOUNTED AS INDICATED ON THE DRAWINGS.
8. ANTIVIBRATION MOUNTING SHALL BE PROVIDED FOR OUTDOOR UNITS

WATER SERVICES

1. PIPEWORK FOR WATER SERVICES WITHIN THE BUILDINGS SHALL BE PPR PIPE & FITTINGS
2. ISOLATION VALVES SHALL BE PROVIDED FOR BRANCH PIPES FOR EACH BATHROOM & KITCHEN
3. WATER CLOSET, WASH BASIN AND SINKS SHALL ALL HAVE INDIVIDUAL ISOLATION VALVES
4. EXTERNAL WATER SUPPLY PIPEWORK SHALL BE HDPE
5. ISOLATING VALVES SHALL BE PROVIDED FOR EACH WATER METER

A. SOIL AND WASTE DRAINAGE SERVICES

1. SOIL AND WASTE RAINWATER PIPEWORK SHALL BE TO BS4514 TO 6BAR
2. FALLS SHALL BE PROVIDED FOR SOIL AND WASTE PIPEWORK AS APPROPRIATE
3. A MINIMUM OF 600MM COVER SHALL BE PROVIDED FOR BURIED PIPES PASSING THROUGH DRIVEWAYS
4. ROODING EYE SHALL BE PROVIDED AT THE GROUND FLOOR FOR ALL SOIL AND WASTE STACK PIPES.
5. ROODING EYE SHALL BE PROVIDED WHEREEVER THEIR IS A CHANGE OF DIRECTION OF SOIL AND WASTE PIPEWORK

B. RAINWATER DRAINAGE SERVICES

1. RAINWATER PIPEWORK SHALL BE TO BS4514 TO 6BAR

LPG SERVICES

1. UNDERGROUND (BURIED) PIPEWORK BETWEEN THE GAS CYLINDER AND THE BUILDING SHALL BE POLYETHYLENE COLOURED YELLOW
2. UNDERGROUND (BURIED) PIPEWORK SHALL HAVE A MINIMUM COVER OF 375MM AND SHALL BE PROTECTED BY CORRUGATED PVC PIPES
3. PIPEWORK WITHIN THE RISER DUCT AND THE BUILDINGS SHALL BE HARD DRAWN - STRAIGHT LENGTH COPPER PIPES & FITTINGS
4. WHERE PIPES PASSED THROUGH WALL/SLAB SLEEVES SHALL BE PROVIDED.
5. SLEEVES THROUGH WALL/SLAB SHALL BE SEALED WITH FIRE RESISTANCE MASTIC SEALANT

SYMBOL	DESCRIPTION
CV.	CEILING VOID.
FA.	FROM ABOVE.
FB.	FROM BELOW.
HL.	HIGH LEVEL.
HLB.	HIGH LEVEL BELOW.
LL.	LOW LEVEL.
TA.	TO ABOVE.
TB.	TO BELOW.
AP	ACCESS PANEL
CCU	CEILING CONCEALED UNIT
CH	COOKER HOOD
CSU	CEILING CASSETTE UNIT
CU	CONDENSING UNIT (SPLIT)
CU-VRV	CONDENSING UNIT (VRV)
CP	CONDENSATE PIPE
DTG	DOOR TRANSFER GRILLE
EL	EXTERNAL LOUVRE
EG	EXTRACT GRILLE
EV	EXTRACT VALVE
FAU	FRESH AIR UNIT
IEF	IN-LINE EXTRACT FAN
RG	RETURN GRILLE
RP	REFRIGERANT PIPE
SD	SUPPLY DIFFUSER
WEF	WALL EXTRACT FAN
WSU	WALL MOUNTED SPLIT UNIT
WU	WALL MOUNTED UNIT (VRV)

SYMBOL	DESCRIPTION
CV.	CEILING VOID.
FA.	FROM ABOVE.
FB.	FROM BELOW.
HL.	HIGH LEVEL.
HLB.	HIGH LEVEL BELOW.
LL.	LOW LEVEL.
TA.	TO ABOVE.
TB.	TO BELOW.
CWS	COLD WATER SUPPLY
DRS	DRY RISER SERVICE
EWH	ELECTRIC WATER HEATER (30LTRS)
	ELECTRIC WATER HEATER (50LTRS)
FHR	FIRE HOSE REEL
HRS	HOSE REEL SERVICE
HWS	HOT WATER SUPPLY
LV	LANDING VALVE
UEWH	UNDER COUNTER ELECTRIC WATER HEATER (10LTRS)

SYMBOL	DESCRIPTION
CV.	CEILING VOID.
FA.	FROM ABOVE.
FB.	FROM BELOW.
HL.	HIGH LEVEL.
HLB.	HIGH LEVEL BELOW.
LL.	LOW LEVEL.
TA.	TO ABOVE.
TB.	TO BELOW.
FD	FLOOR DRAIN
RWMH	RAINWATER MANHOLE
RWP	RAINWATER PIPE
SP	SOIL PIPE
SWMH	SOIL WASTE MANHOLE
SWP	SOIL WASTE PIPE
VC	VENT COWL
VP	VENT PIPE
WMH	WASTE MANHOLE
WP	WASTE PIPE

SYMBOL	DESCRIPTION
CV.	CEILING VOID
FA.	FROM ABOVE.
FB.	FROM BELOW.
LL.	LOW LEVEL.
TA.	TO ABOVE.
TB.	TO BELOW.
DRS	DRY RISER SERVICE
FB	FIRE BLANKET
FE1	PORTABLE FIRE EXTINGUISHER
	8KG DRY POWDER
FHR	FIRE HOSE REEL
FHS	FIRE HOSE REEL SERVICES
GC	GAS CYLINDER
GP	GAS PIPE
LV	LANDING VALVE

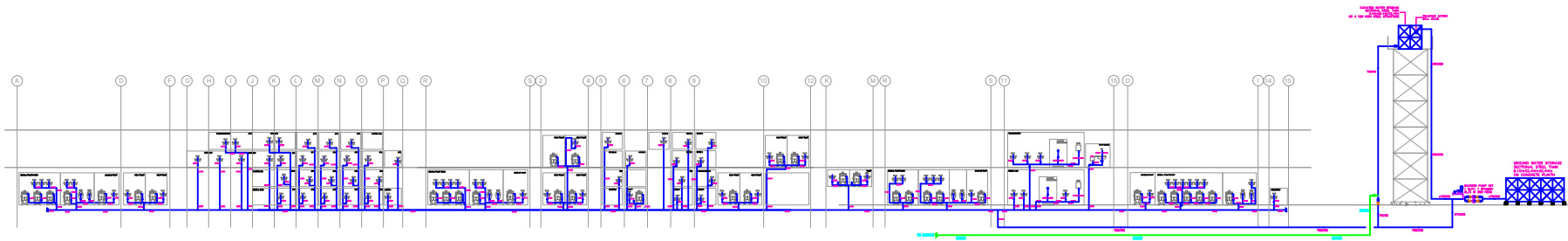
LEGEND.

SYMBOL.	DESCRIPTION.
—	PIPE AT LOW LEVEL.
—	PIPE AT HIGH LEVEL.
—	PIPE BURIED IN GROUND/HIDDEN BELOW.
WC.	WATER CLOSET. 20mm. WATER, 100mm. SOIL CONNECTIONS.
WB.	WASH BASIN 20mm. WATER, 32mm. WASTE CONNECTIONS.
SHW.	SHOWER 20mm. WATER, 40mm. WASTE CONNECTIONS.
BTH.	BATH 20mm. WATER, 40mm. WASTE CONNECTIONS.
SK.	KITCHEN SINK 20mm. WATER, 40mm. WASTE CONNECTIONS.
EWH & UEWH	ELECTRIC WATER HEATERS 20mm. WATER CONNECTIONS.

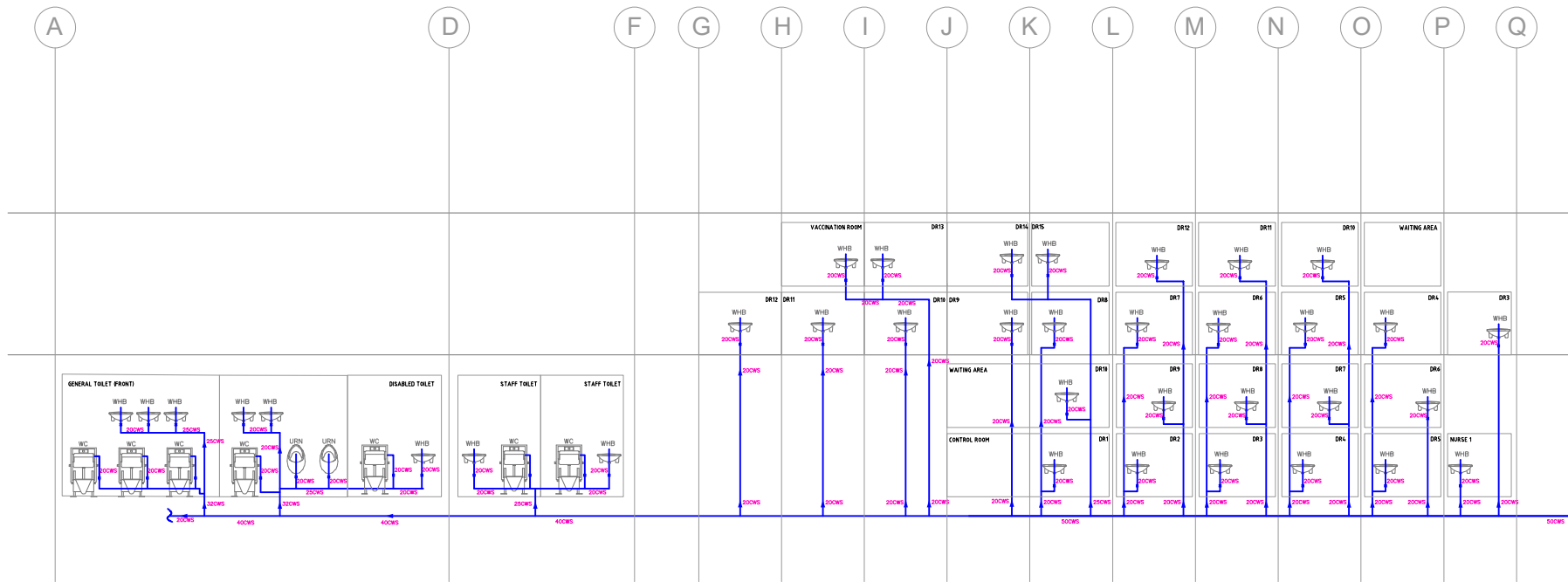
NO.	REVISIONS	DATE	BY
1	ISSUED FOR REVIEW	24 MAR 23	JA
2	ISSUED FOR REVIEW	28 MAY 23	CJM
3	ISSUED FOR REVIEW	24 MAY 23	CJM
4	ISSUED FOR REVIEW	01 SEPT 23	CJM
5	ISSUED FOR REVIEW	15 SEPT 23	CJM

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SHEET CONTENT	PLUMBING LEGEND	SHEET NO.
		P M01
SCALE: NIS	CJM / DRAWN	FILE NAME: P987/M01
CHECKED: P987	CJM / DATE	PROJ. NO.: P987

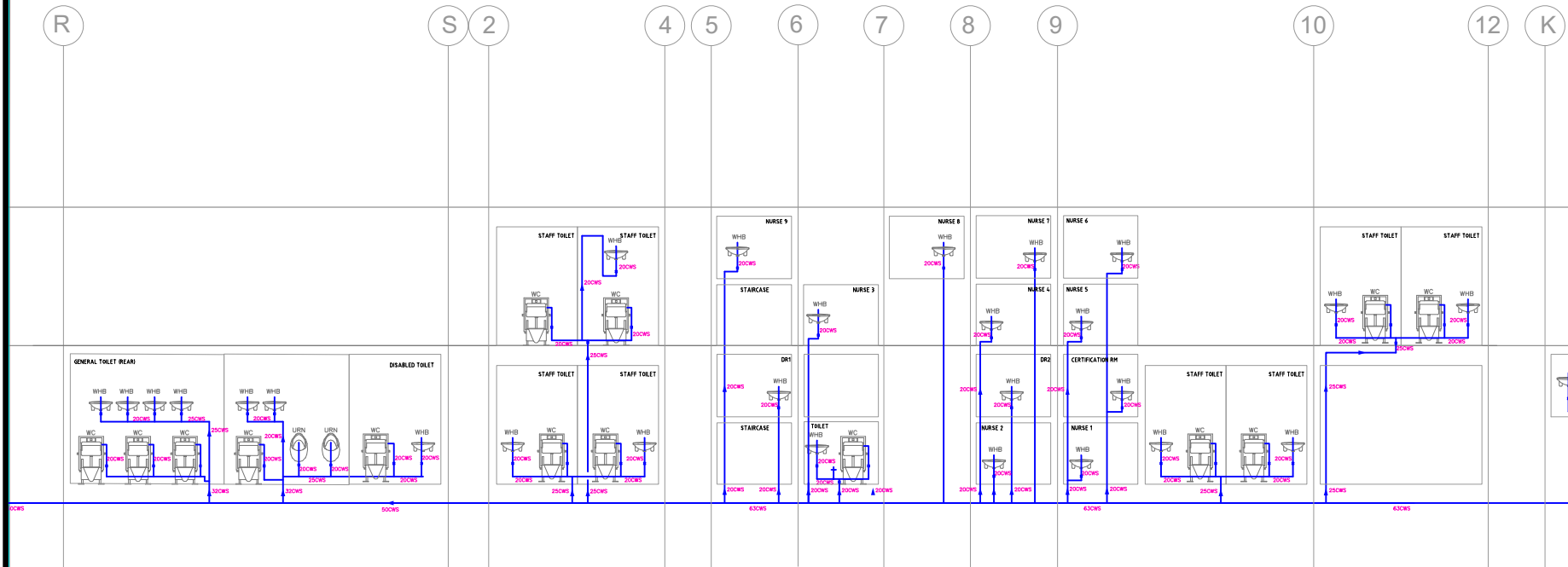


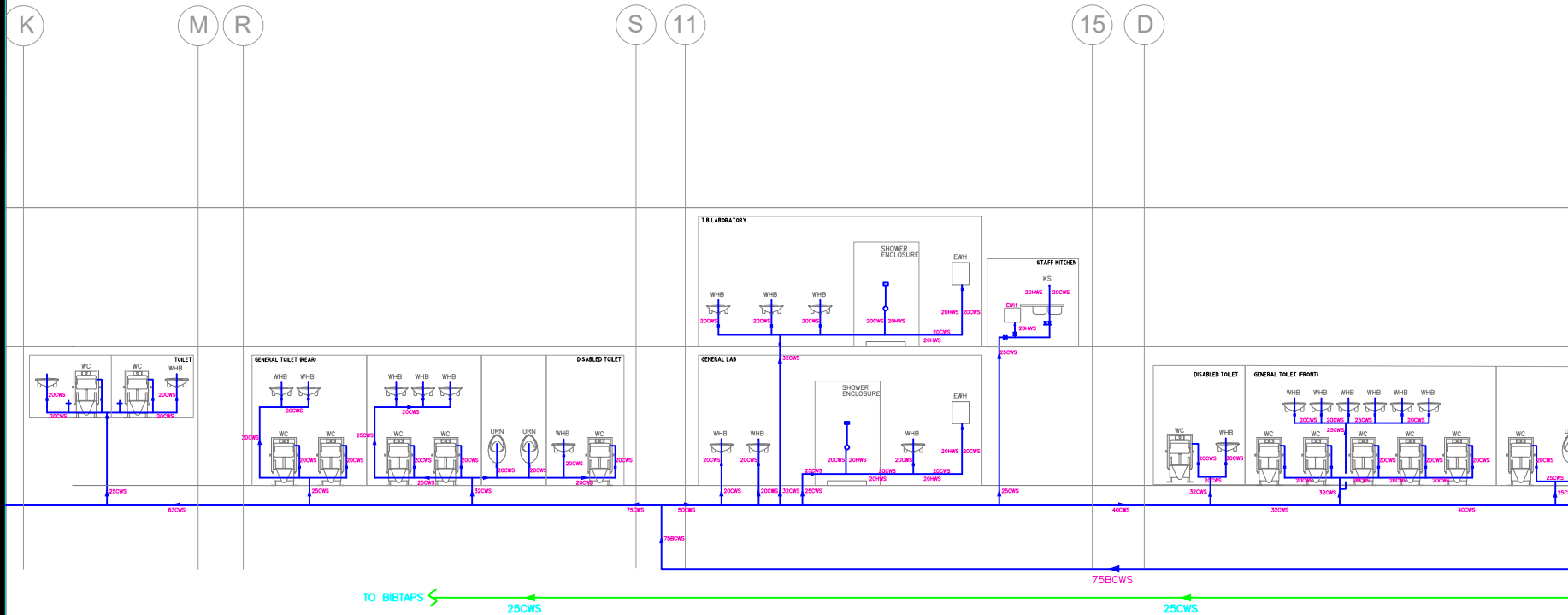
WATER SERVICES SCHEMATICS

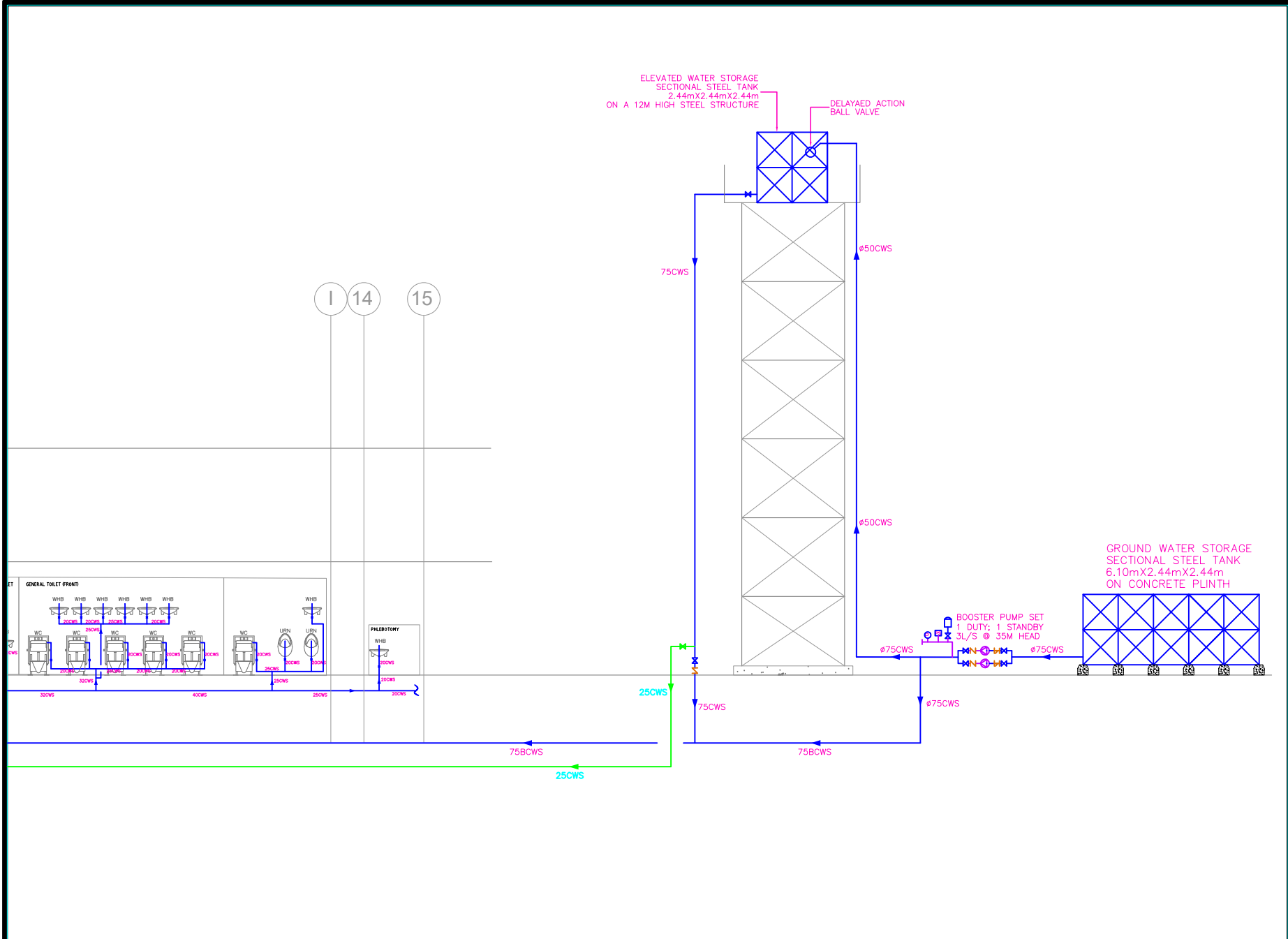


NO.	REVISIONS	DATE	BY
1	ISSUED FOR REVIEW	24 MAR 25	JIA
2	ISSUED FOR REVIEW	25 MAY 25	QJW
3	SITE PERMITS/REVISED	26 MAY 25	QJW
4	ISSUED FOR REVIEW	26 JUNE 25	QJW
5	ISSUED FOR REVIEW	01 SEPT. 25	QJW
6	ISSUED FOR REVIEW	15 SEPT. 25	QJW

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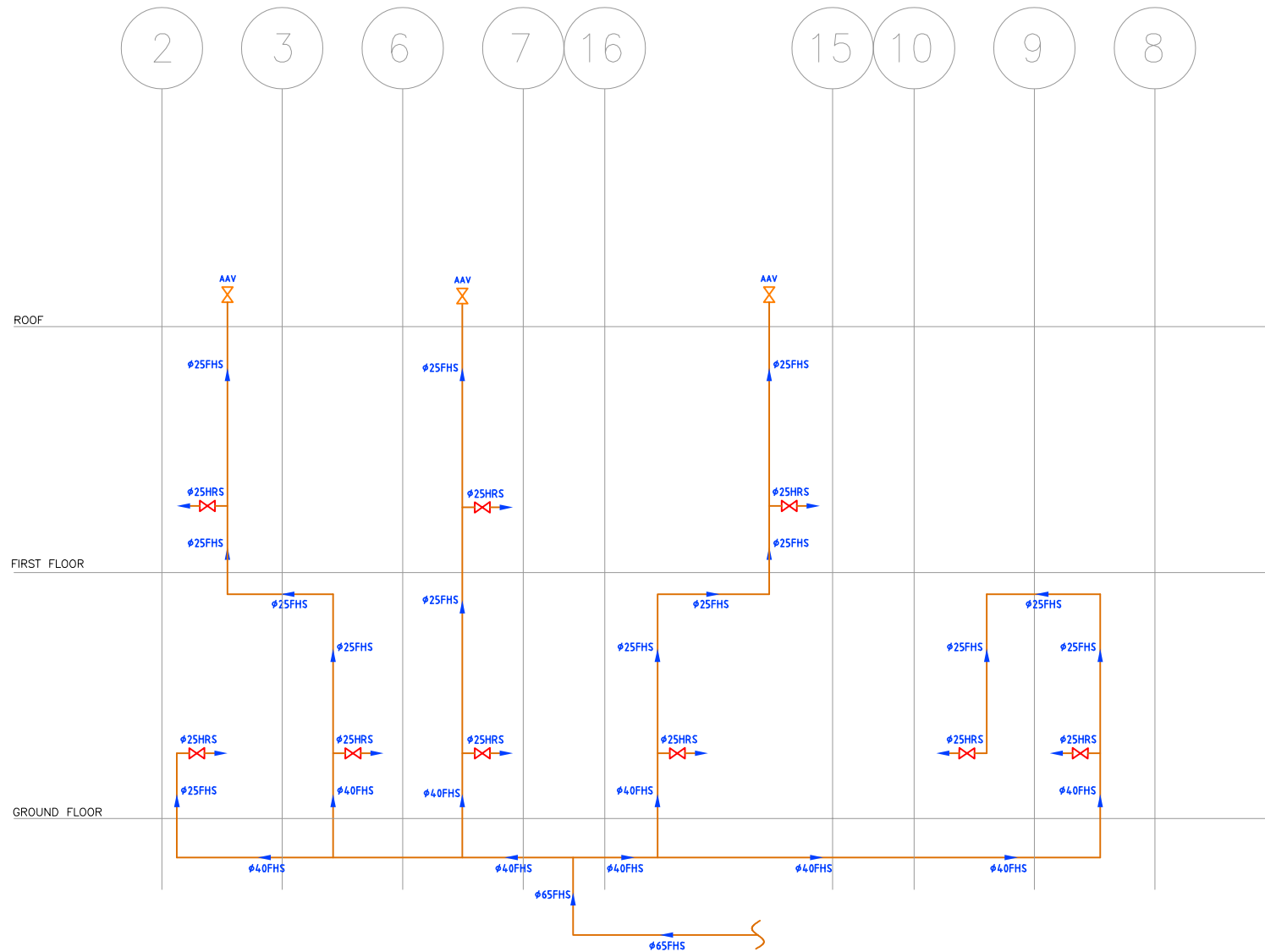




NOTES

<div><div>Pinconsult Associates Limited</div><div>PA</div></div> <div>CHARTERED ENGINEERS & DEVELOPMENT CONSULTANTS 27/29, KING GEORGE V ROAD, ONIKAN LAGOS.</div>	ARCHITECT/ENGINEER	PROJECT / LOCATION	CLIENT	NO.	REVISIONS	DATE	BY	<div>IN ANY SCALE, ALL CONTRACTORS MUST CHECK ON SITE</div> <div>1. ALL DIMENSIONS AND QUANTITIES SHOWN, ANY AMBIGUITY OR DISCREPANCIES MUST BE REFERRED TO THE ARCHITECT BEFORE MATERIALS ARE ORDERED OR WORK IS BEGUN.</div> <div>2. THIS DRAWING IS COPYRIGHT AND MAY NOT BE REPRODUCED OR USED IN ANY WAY WITHOUT THE PERMISSION OF THE ARCHITECT/ENGINEER.</div>	SHEET CONTENT	SCHEMATICS - WATER SERVICES (6 OF 8)	SHEET NO.
	<div>ENGR. OLALEYE</div> <div>MECHANICAL ENGINEER CORE REG. NO. 261764</div>	PROPOSED CONSTRUCTION & RENOVATION OF THE IOM HEALTH ASSESSMENT CENTRE (MHAC) ANNEX 3 LAGOS STATE	<div></div> <div>IOM</div> <div>IOM • OIM</div>	1	ISSUED FOR REVIEW	24 MAR 28	JIA		<div>SCALE: NS</div> <div>CHECKED: QJW DRAWN: QJW APPROVED: QJW</div>	P	M06
				2	ISSUED FOR REVIEW	23 MAY 28	QJW				
				3	SITE PERIMETER UPDATED	24 MAY 28	QJW				
				4	ISSUED FOR REVIEW	26 JUNE 28	QJW				
				5	ISSUED FOR REVIEW	01 SEPT. 28	QJW				
				6	ISSUED FOR REVIEW	16 SEPT. 28	QJW				
									FILENAME	PROJ. NO.	
									P967/M06	P967	

NOTES



FIRE HOSEREEL SCHEMATICS

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CHARTERED ENGINEERS & DEVELOPMENT CONSULTANTS
27/28, KING GEORGE V ROAD, ONIKAN LAGOS.

ARCHITECT/ENGINEER

ENGR. OLALEYE
MECHANICAL ENGINEER
CORP REG. NO. 18/174

PROJECT / LOCATION

PROPOSED CONSTRUCTION & RENOVATION
OF THE IOM HEALTH ASSESSMENT
CENTRE. (MHAC) ANNEX 3
LAGOS STATE

CLIENT



NO. REVISIONS

1	ISSUED FOR REVIEW
2	ISSUED FOR REVIEW
3	DATE FOR REVIEW
4	ISSUED FOR REVIEW

DATE

24 MAY 20
20 MAY 20
24 MAY 20
16 SEP 20

BY

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DAW

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SHEET CONTENT

FIRE HOSEREEL SCHEMATICS

SHEET NO.

P 107

SCALE

1:1

CHECKED

APPROVED

DATE

DATE

DATE

FILE NAME

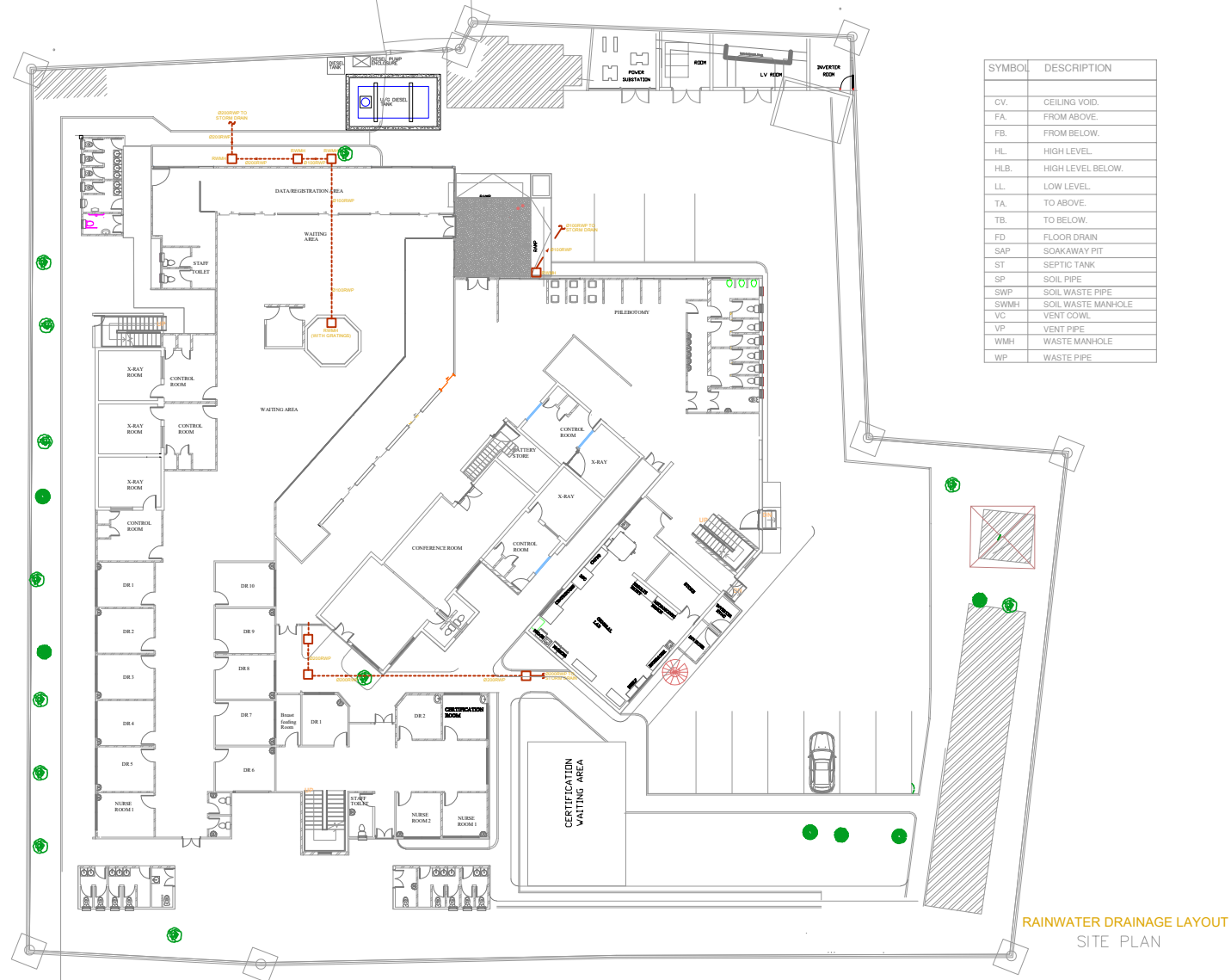
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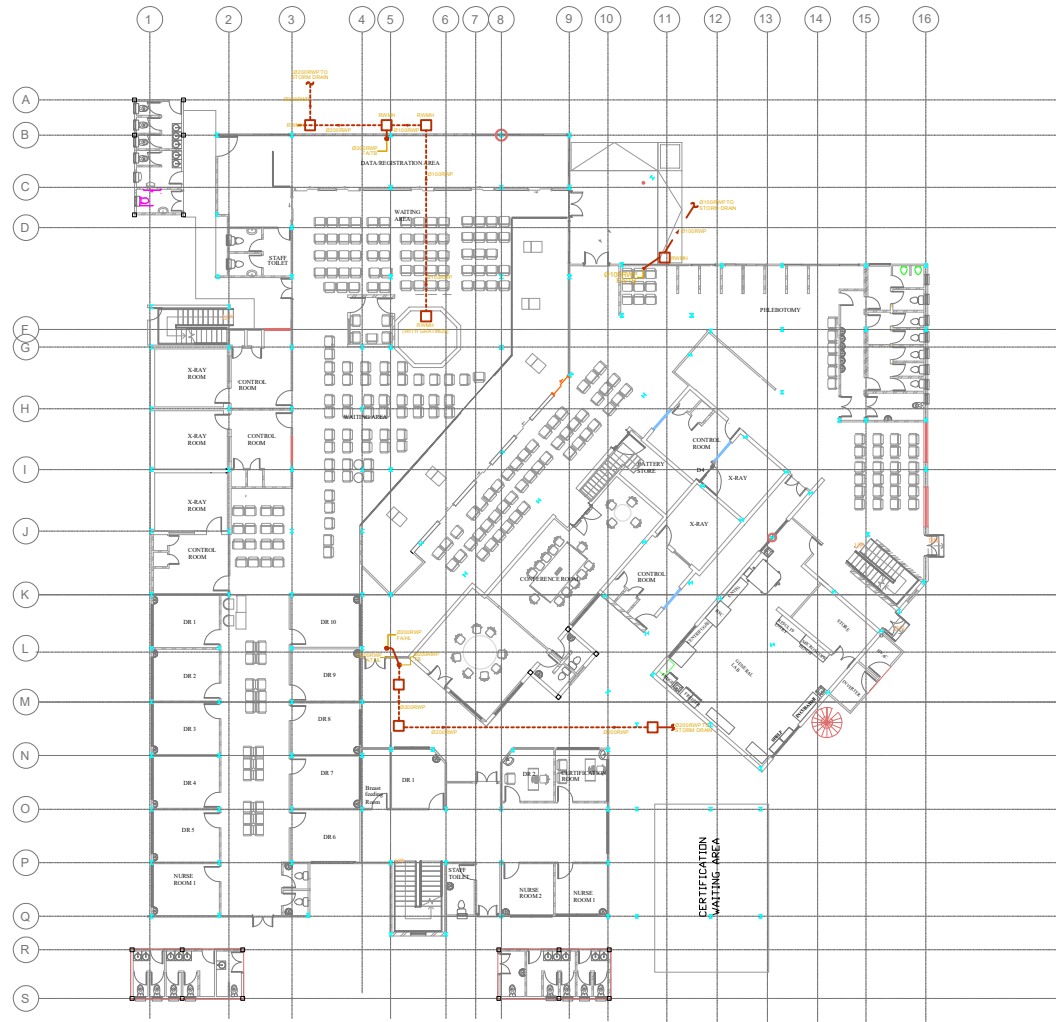
FILE NAME

P067

PROJ. NO.

P067





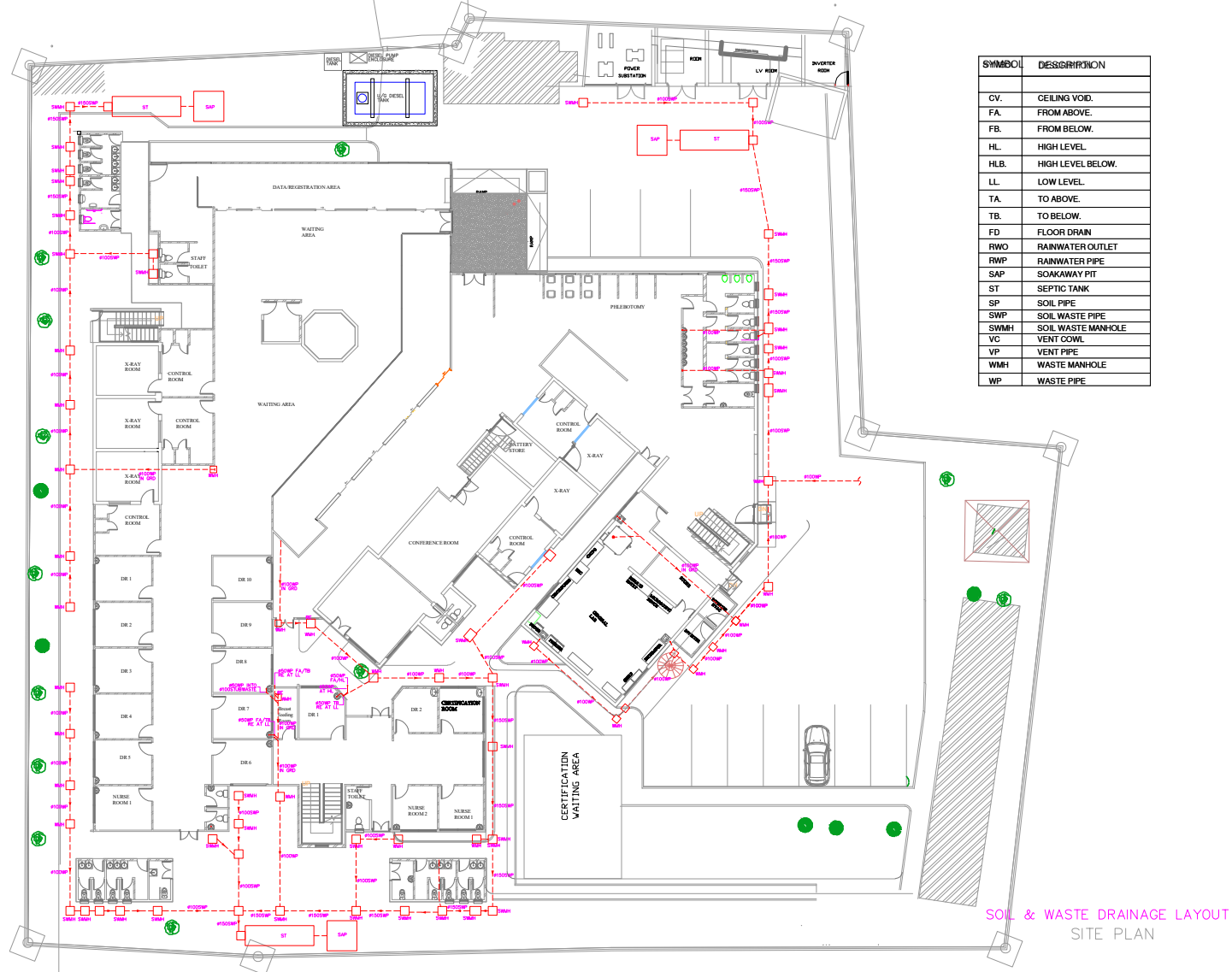
SYMBOL	DESCRIPTION
CV.	CEILING VOID.
FA.	FROM ABOVE.
FB.	FROM BELOW.
HL.	HIGH LEVEL.
HLB.	HIGH LEVEL BELOW.
LL.	LOW LEVEL.
TA.	TO ABOVE.
TB.	TO BELOW.
FD.	FLOOR DRAIN
RWO.	RAINWATER OUTLET
RWP.	RAINWATER PIPE
SAP.	SOAKAWAY PIT
ST.	SEPTIC TANK
SP.	SOIL PIPE
SWP.	SOIL WASTE PIPE
SWMH.	SOIL WASTE MANHOLE
VC.	VENT COWL
VP.	VENT PIPE
WMH.	WASTE MANHOLE
WP.	WASTE PIPE

RAINWATER DRAINAGE LAYOUT
GROUND FLOOR

NO.	REVISIONS	DATE	BY
1	ISSUED FOR REVIEW	20 MAY 23	OLW
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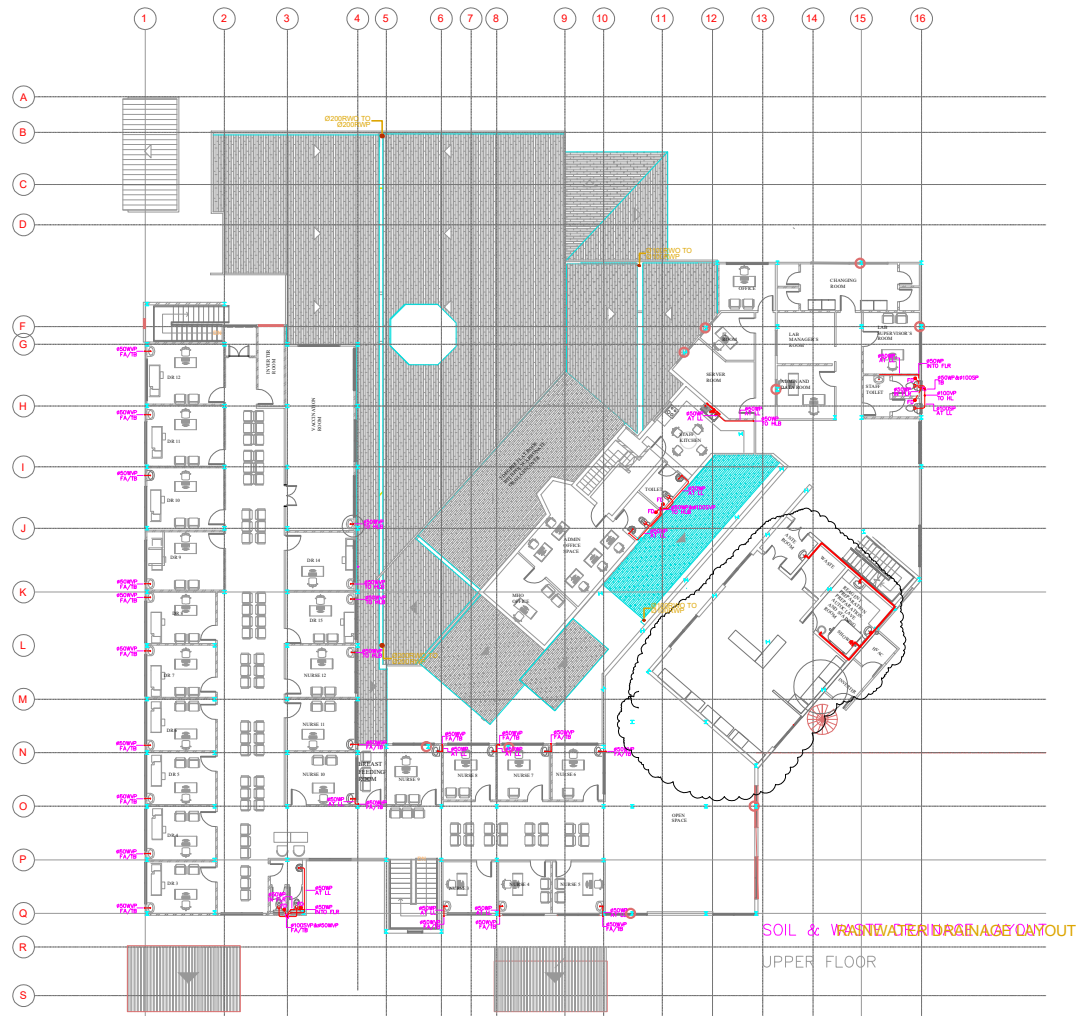




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HLB.	HIGH LEVEL BELOW.
LL.	LOW LEVEL.
TA.	TO ABOVE.
TB.	TO BELOW.
CE	CLEANING EYE
FD	FLOOR DRAIN
RE	RODDING EYE
RWO	RAINWATER OUTLET
RWP	RAINWATER PIPE
SAP	SOAKAWAY PIT
ST	SEPTIC TANK
SP	SOIL PIPE
SWP	SOIL WASTE PIPE
SWH	SOIL WASTE MANHOLE
VC	VENT COWL
VP	VENT PIPE
WMH	WASTE MANHOLE
WP	WASTE PIPE

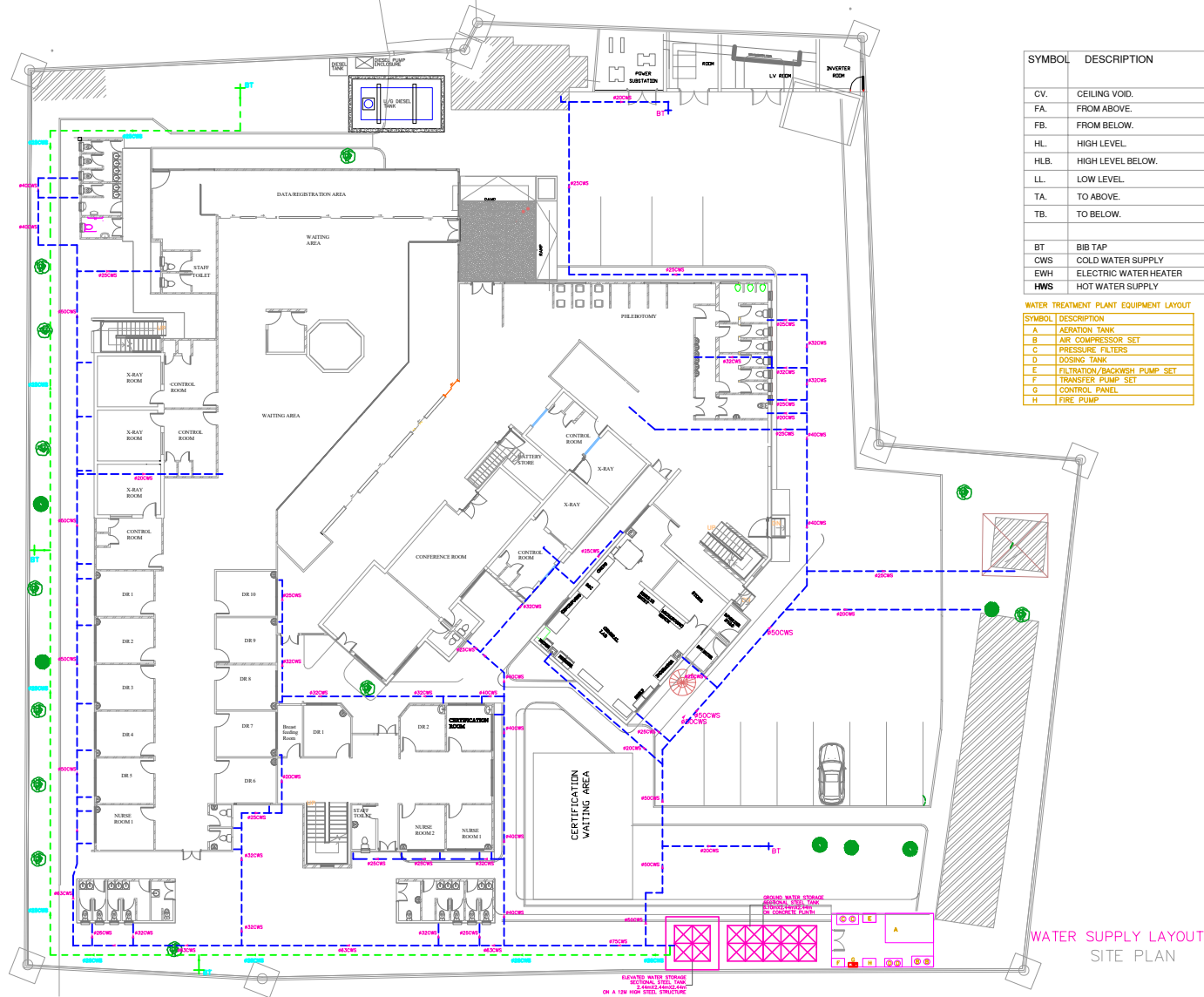


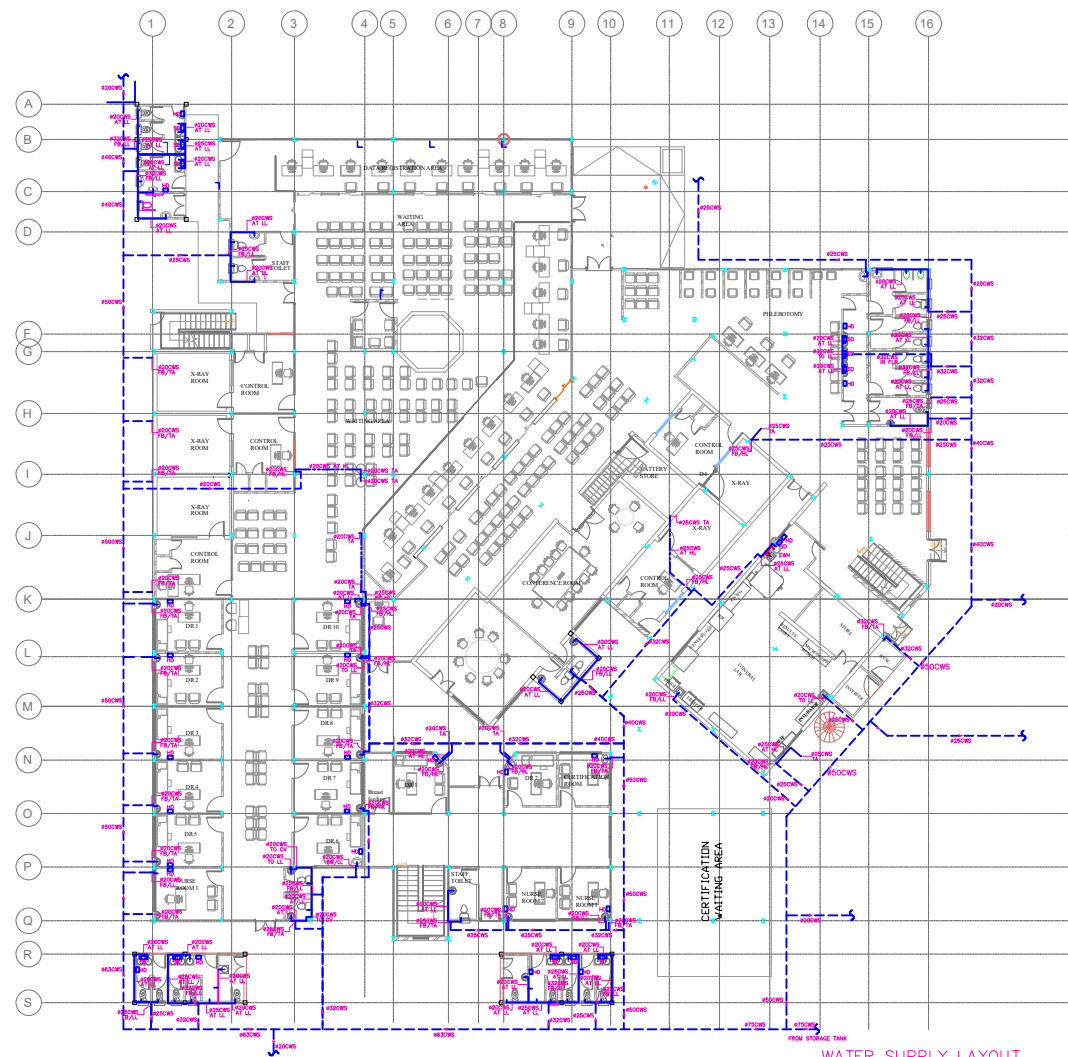
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ST	SEPTIC TANK
SP	SOIL PIPE
SWP	SOIL WASTE PIPE
SWMH	
VC	
VP	
WMH	
WP	

NO.	REVISIONS	DATE	BY
1	ISSUED FOR REVIEW	24 MAY 23	JIA
2	ISSUED FOR REVIEW	20 MAY 23	CLW
3	ISSUED FOR REVIEW	28 JUNE 23	CLW
4	ISSUED FOR REVIEW	24 AUG 23	CLW
5	ISSUED FOR REVIEW	01 SEPT. 23	CLW
6	ISSUED FOR REVIEW	15 SEPT. 23	CLW

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SHEET CONTENT	UPPER FLOOR - DRAINAGE	SHEET NO.
SCALE: NIS	CHECKED: OJM DRAWN: P967/M/13	P M13
APPROVED: OJM DATE:	FILENAME: P967/M/13	PROJ. NO. P967





SYMBOL	DESCRIPTION
CV.	CEILING VOID.
FA.	FROM ABOVE.
FB.	FROM BELOW.
HL.	HIGH LEVEL.
HLB.	HIGH LEVEL BELOW.
LL.	LOW LEVEL.
TA.	TO ABOVE.
TB.	TO BELOW.
CWS	COLD WATER SUPPLY
EWH	ELECTRIC WATER HEATER
HD	HAND DRYER
HWS	HOT WATER SUPPLY
SD	SOAP DISPENSER

WATER SUPPLY LAYOUT
GROUND FLOOR

Pinconsult Associates Limited
CHARTERED ENGINEERS & DEVELOPMENT CONSULTANTS
27/29, KING GEORGE V ROAD, ONIKAN LAGOS.

ARCHITECT / ENGINEER

ENGR. OLAYE

MICHAEL OJINDE
CORP REG. NO. 26794

PROJECT / LOCATION

PROPOSED CONSTRUCTION & RENOVATION
OF THE IOM HEALTH ASSESSMENT
CENTRE (MHAC) ANNEX 3
LAGOS STATE

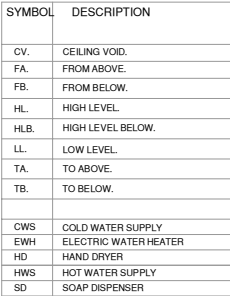
CLIENT

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NO.	REVISIONS	DATE	BY
1	ISSUED FOR REVIEW	24 MAY 20	JIA
2	ISSUED FOR REVIEW	20 MAY 20	QAW
3	ISSUED FOR REVIEW	28 JUNE 20	QAW
4	ISSUED FOR REVIEW	24 AUG 20	QAW
5	ISSUED FOR REVIEW	01 SEPT. 20	QAW
6	ISSUED FOR REVIEW	16 SEPT. 20	QAW

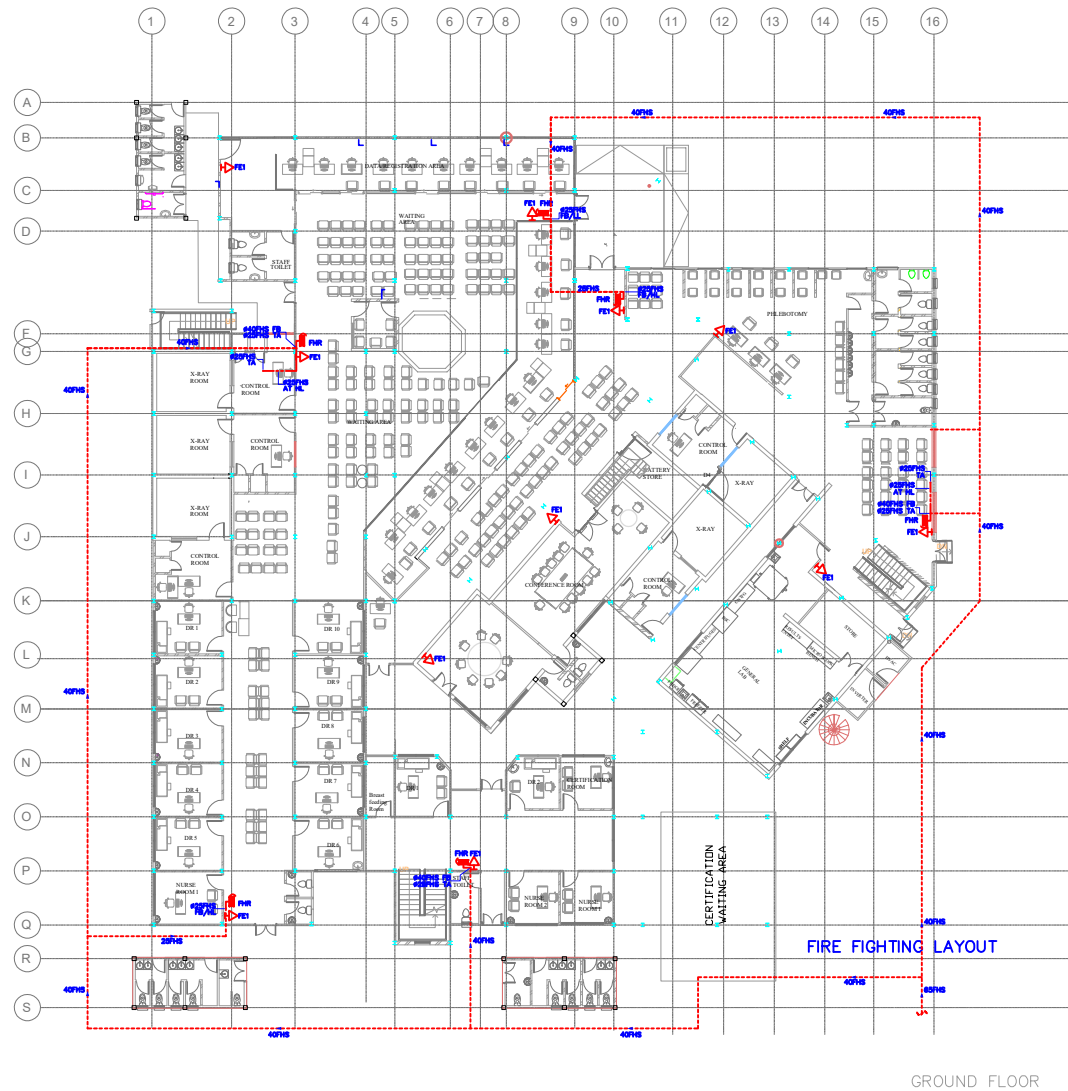
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SHEET CONTENT	GROUND FLOOR - WATER SUPPLY	SHEET NO.
SCALE	NIS	P M15
CHECKED	QAW	FILENAME
APPROVED	QAW	DATE
		P967/M/15
		PROJ. NO.
		P967





SYMBOL	DESCRIPTION
FA.	FROM ABOVE.
FB.	FROM BELOW.
LL.	LOW LEVEL.
TA.	TO ABOVE.
TB.	TO BELOW.
AAV	AUTOMATIC AIR-RELEASE VALVE
DRS	DRY RISER SERVICE
FB	FIRE BLANKET
FE1	PORTABLE FIRE EXTINGUISHER 6KG DRY POWDER
FE2	FIRE EXTINGUISHER ON TROLLEY 45L TRIS AFFF FOAM
FHR	FIRE HOSE REEL
FHS	FIRE HOSE REEL SERVICES

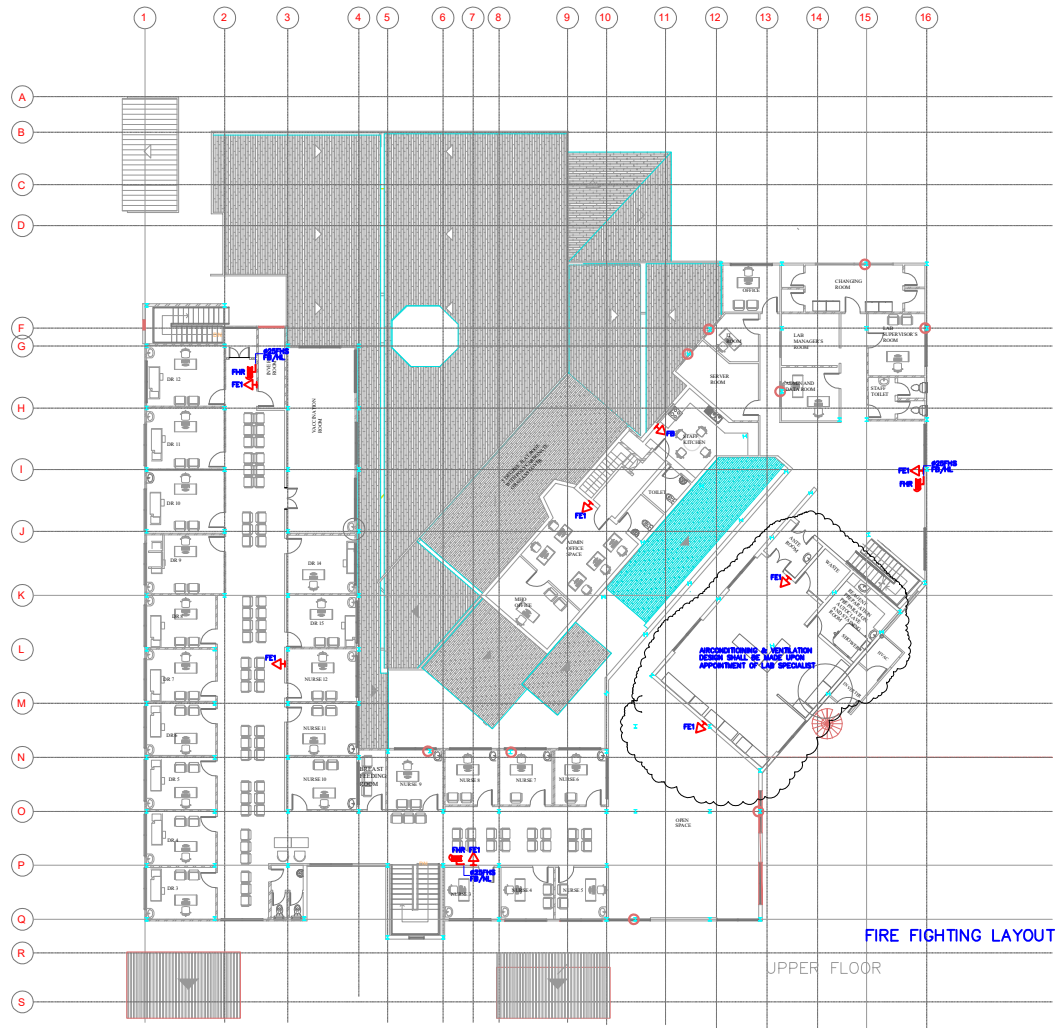


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FA.	FROM ABOVE.
FB.	FROM BELOW.
LL.	LOW LEVEL.
TA.	TO ABOVE.
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AAV	AUTOMATIC AIR-RELEASE VALVE
DRS	DRY RISER SERVICE
FB	FIRE BLANKET
FE1	PORTABLE FIRE EXTINGUISHER 6KG DRY POWDER
FHR	FIRE HOSE REEL
FHS	FIRE HOSE REEL SERVICES

NO.	REVISIONS	DATE	BY
1	ISSUED FOR REVIEW	24 MAR 20	PA
2	ISSUED FOR REVIEW	20 MAY 20	CJM
3	ISSUED FOR REVIEW	28 JUNE 20	CJM
4	ISSUED FOR REVIEW	24 AUG 20	CJM
5	ISSUED FOR REVIEW	07 SEPT 20	CJM
6	ISSUED FOR REVIEW	16 SEPT 20	CJM

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SHEET CONTENT	GROUND FLOOR - FIRE FIGHTING	SHEET NO.
SCALE	1:50	P 18
CHECKED	CJM	FILE NAME
APPROVED	CJM	FILE NAME
		PROJ. NO.
		P967



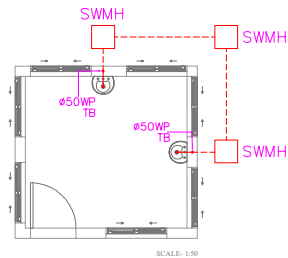
SYMBOL	DESCRIPTION
FA	FROM ABOVE.
FB	FROM BELOW.
LL	LOW LEVEL.
TA	TO ABOVE.
TB	TO BELOW.
AAV	AUTOMATIC AIR-RELEASE VALVE
DRS	DRY RISER SERVICE
FB	FIRE BLANKET
FE1	PORTABLE FIRE EXTINGUISHER 6KG DRY POWDER
FHR	FIRE HOSE REEL
FHS	FIRE HOSE REEL SERVICES

NO.	REVISIONS	DATE	BY
1	ISSUED FOR REVIEW	24 MAR 20	AW
2	ISSUED FOR REVIEW	20 MAY 20	QJW
3	ISSUED FOR REVIEW	20 JUNE 20	QJW
4	ISSUED FOR REVIEW	24 AUG 20	QJW
5	ISSUED FOR REVIEW	01 SEPT 20	QJW
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TO BE USED FOR ANY OTHER PURPOSE
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SHEET CONTENT	UPPER FLOOR - FIRE FIGHTING	SHEET NO.
SCALE	NS	P M19
CHECKED	QJW / ORAWN	FILE NAME
APPROVED	QJW / DATE	P867/M/19
		PROJ. NO. P867

NOTES

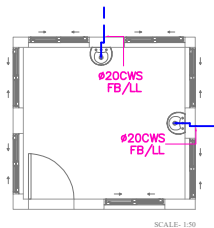


DOT ROOM
FLOOR PLAN



SPUTUM ROOM
FLOOR PLAN

SYMBOL	DESCRIPTION
CV.	CEILING VOID.
FA.	FROM ABOVE.
FB.	FROM BELOW.
HL.	HIGH LEVEL.
HLB.	HIGH LEVEL BELOW.
LL.	LOW LEVEL.
TA.	TO ABOVE.
TB.	TO BELOW.
FD.	FLOOR DRAIN
RWO.	RAINWATER OUTLET
RWP.	RAINWATER PIPE
SAP.	SOAKAWAY PIT
ST.	SEPTIC TANK
SP.	SOIL PIPE
SWP.	SOIL WASTE PIPE
SWMH	
VC.	
VP.	
WMH.	
WP.	



DOT ROOM
FLOOR PLAN



SPUTUM ROOM
FLOOR PLAN

NOTES

SYMBOL	DESCRIPTION
CV.	CEILING VOID.
FA.	FROM ABOVE.
FB.	FROM BELOW.
HL.	HIGH LEVEL.
HLB.	HIGH LEVEL BELOW.
LL.	LOW LEVEL.
TA.	TO ABOVE.
TB.	TO BELOW.
CWS.	COLD WATER SUPPLY
EWB.	ELECTRIC WATER HEATER
HD.	HAND DRYER
HWS.	HOT WATER SUPPLY
SD.	SOAP DISPENSER

NOTES

NOTES:

AIR CONDITIONING AND VENTILATION SERVICES

1. REFRIGERANT PIPEWORK THROUGH WALL & SLABING SHALL BE PROTECTED WITH CORRUGATED PVC SLEEVES.
2. INSULATED REFRIGERANT PIPEWORK SHALL BE GENERALLY BE PROTECTED VINYL TAPE
3. CONDENSATE PIPEWORK SHALL BE 32mm AND INSULATED
4. CONDENSATE DRAIN CONNECTIONS TO WP SHALL BE WITH DOUBLE TRAP
5. CONDENSATE SHALL BE DISCHARGED TO STORM DRAINAGE. WHERE THIS IS NOT FEASIBLE, CONDENSATE SHALL BE DISCHARGED INTO PURPOSED CONDENSATE PIT (300x300 PIT FILLED WITH GRANITE)
6. OUTDOOR UNITS SHALL GENERALLY BE MOUNTED ON PURPOSE MADE BRACKET AT LOW LEVEL OR HIGH LEVEL AS INDICATED ON THE DRAWINGS.
7. OUTDOOR UNIT AT LOW LEVEL MAY ALSO BE MOUNTED ON CONCRETE PLINTH
8. ANTIVIBRATION MOUNTING SHALL BE PROVIDED FOR OUTDOOR UNIT

VENTILATION EQUIPMENT SCHEDULE		
SYMBOL	DESCRIPTION	CAPACITY
WEF1	WALL EXTRACT FAN	76 l/s
IEF1	IN-DUCT EXTRACT FAN	90 l/s
IEF2	IN-DUCT EXTRACT FAN	113 l/s
IEF3	IN-DUCT EXTRACT FAN	190 l/s

SYMBOL	DESCRIPTION
FA.	FROM ABOVE.
FB.	FROM BELOW.
HL.	HIGH LEVEL.
HLB.	HIGH LEVEL BELOW.
LL.	LOW LEVEL.
TA.	TO ABOVE.
TB.	TO BELOW.
CSU	CEILING CASSETTE UNIT
CP	CONDENSATE PIPE
CU	CONDENSING UNIT
EG	EXTRACT VALVE
EL	EXTERNAL LOUVRE
FSU	FLOOR STANDING UNIT
IEF	IN-LINE EXTRACT FAN
RP	REFRIGERANT PIPE
WEF	WALL EXTRACT FAN
WSU	WALL SPLIT UNIT
WU	WALL UNIT (VRV)

AIR CONDITIONING EQUIPMENT SCHEDULE
BRAND NAME: LG

		WSU1	WSU2	WSU3	WSU4	CSU2	FSU
MODEL	INDOOR	S4-Q09WAQAL	S4-Q12JAQAL	S4-Q18JLQAL	S4-Q24K2QAL	ATNQ18GPLY1	ATNQ18GPLY1
	OUTDOOR					ATUQ18GPLY1	ATUQ18GPLY1
POWER SUPPLY		1Ph/50Hz/220V	1Ph/50Hz/220V	1Ph/50Hz/220V	1Ph/50Hz/220V	1Ph/50Hz/220V	3Ph/50Hz/400V
COOLING CAP. (Max)		2.64kW	3.52kW	5.28kW	6.45kW	5.36kW	13.5kW
MAX. POWER INPUT		1.27kW	1.35kW	1.95kW	2.6kW	1.71kW	4.65kW
PIPING Size (Liquid/Gas)		Ø6.35mm/9.52mm	Ø6.35mm/9.52mm	Ø6.35mm/12.70mm	Ø6.35mm/12.70mm	Ø6.35mm/12.70mm	Ø9.52mm/19.05mm
REFRIGERANT TYPE		R410A	R410A	R410A	R410A	R410A	R410A

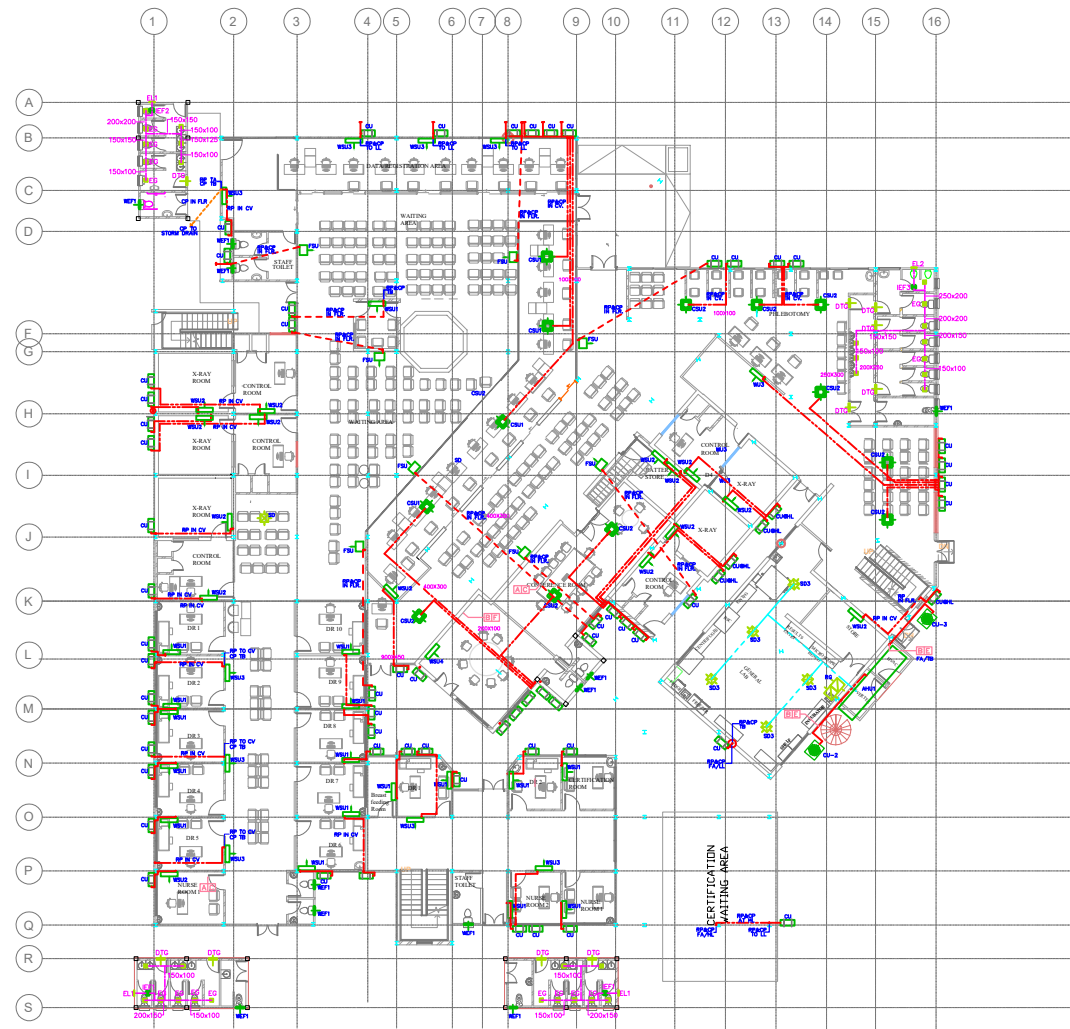
NB:
INFORMATION ON REFRIGERANT PIPING AND POWER TO BE CONFIRMED
WHEN EQUIPMENT ARE PROCURED.

NO.	REVISIONS	DATE	BY
1	ISSUED FOR REVIEW	24 MAR 20	IAA
2	ISSUED FOR REVIEW	20 MAY 20	QJW
3	ISSUED FOR REVIEW	28 JUNE 20	QJW
4	ISSUED FOR REVIEW	24 AUG 20	QJW
5	ISSUED FOR REVIEW	07 SEPT 20	QJW
6	ISSUED FOR REVIEW	16 SEPT 20	QJW

DO NOT SCALE. ALL DIMENSIONS MUST
CHECK ON SITE.
ALL DIMENSIONS AND QUANTITIES
SHOWN, AND NOTED AS LOCATED NOTES
MAY BE REFERRED TO THE ARCHITECT'S
GENERAL NOTES AND REVISIONS TO WHATEVER
PLOT NUMBER.
IF THE DRAWING IS FORWARDED AND NOT
NOTED AS LOCATED OR USED IN ANY WAY
WITHOUT THE AUTHORITY OF THE
ARCHITECT/ENGINEER.

SHEET CONTENT		AC & VENT LEGEND		SHEET NO.
SCALE	NS			P M22
CHECKED	QJW	DRAWN	FLNAME	PROJ. NO.
APPROVED	QJW	DATE	P067/M/22	P067

NOTES



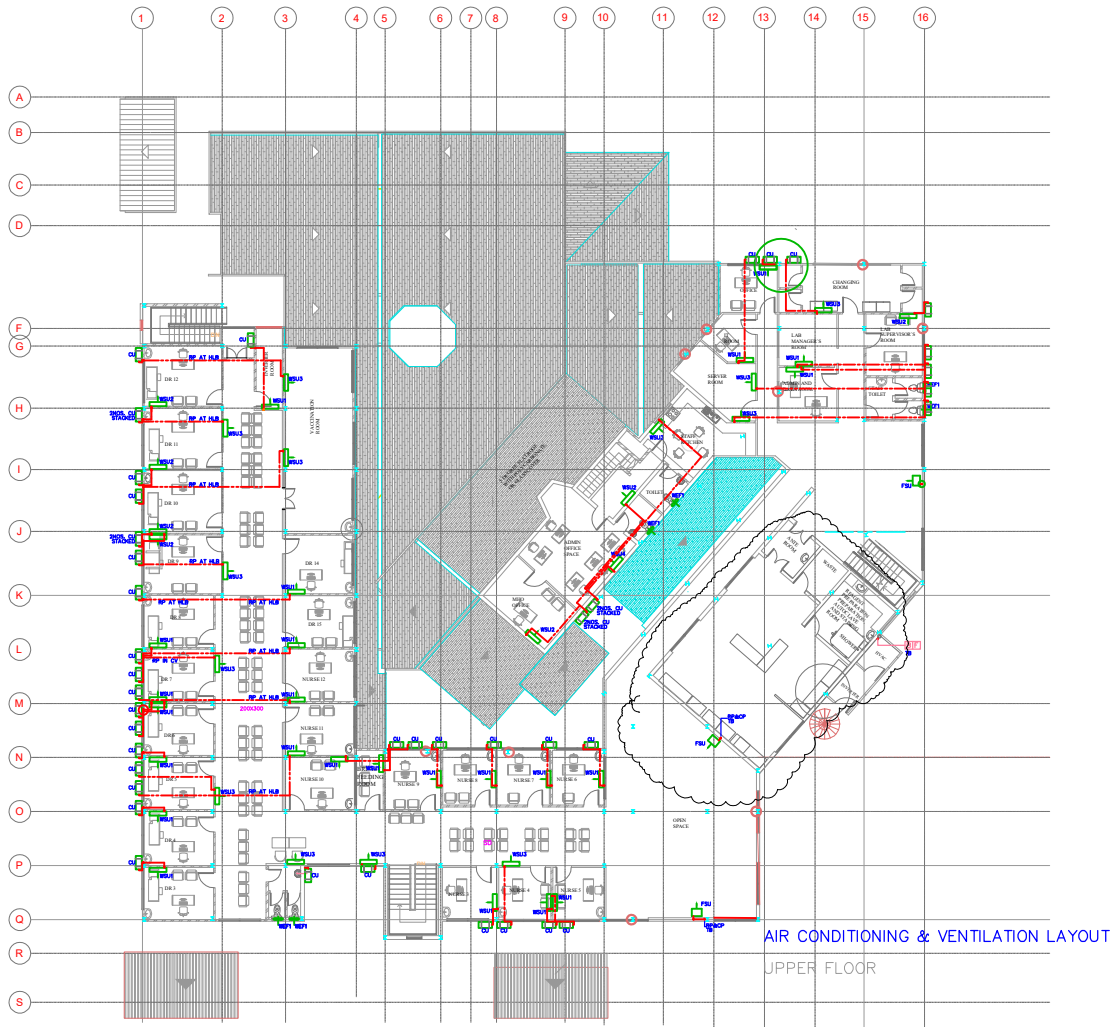
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AIR CONDITIONING & VENTILATION LAYOUT
GROUND FLOOR

NO.	REVISIONS	DATE	BY
1	ISSUED FOR REVIEW	24 MAR 20	PA
2	ISSUED FOR REVIEW	20 MAY 20	CJM
3	ISSUED FOR REVIEW	26 JUN 20	CJM
4	ISSUED FOR REVIEW	24 AUG 20	CJM
5	ISSUED FOR REVIEW	01 SEP 20	CJM
6	ISSUED FOR REVIEW	15 SEP 20	CJM

DO NOT SCALE. ALL DIMENSIONS MUST
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ALL DIMENSIONS AND SPECIFICATIONS
SHOWN ON THIS DRAWING ARE SUBJECT TO
THE REQUIREMENTS OF THE ARCHITECT.
THESE DIMENSIONS ARE SUBJECT TO THE
ARCHITECT'S APPROVAL.
DO NOT SCALE. ALL DIMENSIONS MUST
CHECK ON SITE.
ALL DIMENSIONS AND SPECIFICATIONS
SHOWN ON THIS DRAWING ARE SUBJECT TO
THE REQUIREMENTS OF THE ARCHITECT.
THESE DIMENSIONS ARE SUBJECT TO THE
ARCHITECT'S APPROVAL.



SYMBOL	DESCRIPTION
CK	CEILING VOID
FAC	FRESH AIR INLET
FA	FRESH AIR
HL	HIGH LEVEL
HBL	HIGH LEVEL BELOW
LL	LOW LEVEL
TA	TO ABOVE
TB	TO BELOW
AP	ACCESS PANEL
CCU	CEILING CONCEALED UNIT
CA	CEILING AIR OUTLET
CU	CEILING UNIT
CU	CONDENSING UNIT (SPLIT)
CU-MU	CONDENSING UNIT (MUR)
CP	CONDENSATE PUMP
DTG	DOOR TRANSFER GATE
EL	EXTERNAL EXHAUST
EC	EXTRACT CHILL
ET	EXTRACT FAN
FAU	FRESH AIR UNIT
FPU	FLOOR STANDING UNIT
HEF	HIGH EXTRACT FAN
HC	HIGH EXTRACT
RP	REFRIGERANT PUMP
SD	SUPPLY DUCTWORK
WAF	WALL EXTRACT FAN
WCU	WALL MOUNTED UNIT (SPLIT)
WCU	WALL MOUNTED UNIT (MUR)

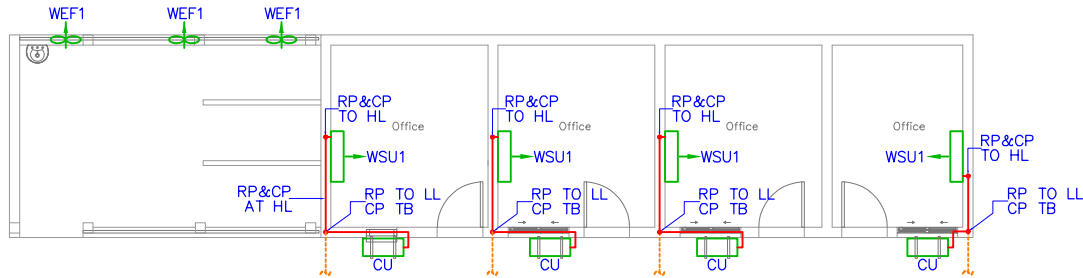
NO.	REVISIONS	DATE	BY
1	ISSUED FOR REVIEW	24 MAR 23	AW
2	ISSUED FOR REVIEW	24 MAY 23	QJW
3	ISSUED FOR REVIEW	28 JUNE 23	QJW
4	ISSUED FOR REVIEW	24 JUL 23	QJW
5	ISSUED FOR REVIEW	01 SEPT. 23	QJW
6	ISSUED FOR REVIEW	15 SEPT. 23	QJW

DO NOT SCALE. ALL DIMENSIONS MUST
CHECK ON SITE.
ALL DIMENSIONS AND INFORMATION
PROVIDED. ANY ALTERATIONS OR DISCREPANCIES
MUST BE APPROVED BY THE ARCHITECT
BEFORE IMPLEMENTATION. ALL DIMENSIONS
SHOWN IN THIS DRAWING ARE IN METERS
UNLESS OTHERWISE SPECIFIED.
THIS DRAWING IS THE PROPERTY OF THE
ARCHITECT/ENGINEER.

SHEET CONTENT	UPPER FLOOR - AC & VENT	SHEET NO.
SCALE	AS SHOWN	P 224
CHECKED	QJW (DRAWN)	P 224
APPROVED	QJW (DATE)	P 224

NOTES

SYMBOL	DESCRIPTION
CV.	CEILING VOID.
FA.	FROM ABOVE.
FB.	FROM BELOW.
HL.	HIGH LEVEL.
HLB.	HIGH LEVEL BELOW.
LL.	LOW LEVEL.
TA.	TO ABOVE.
TB.	TO BELOW.
CWS.	COLD WATER SUPPLY
EWI.	ELECTRIC WATER HEATER
HD.	HAND DRYER
HWS.	HOT WATER SUPPLY
SD.	SOAP DISPENSER



SPUTUM ROOM
FLOOR PLAN