

NOTES:

Materials	Symbols
Fan Coil Unit	
Linear Supply Diffuser	
Linear Return Diffuser	
Exhaust Grill	
Ducted Volume Damper	
Supply Water Pipe	
Return Water pipe	
2"UPVC	
4"UPVC	
4"UPVC in section	
4"Floor Trap, 4" Cleanout	
Hot Water Pipe	
Cold Water pipe	
Water Collector	
Suspended Clean Out	
Suspended 4"UPVC	

MECHANICAL	
M00	Mechanical Symbols & Legend
M101	Fourth Floor Sanitary System
M201	Fourth Floor Water Supply System
M301	Fourth Floor Chilled Water Piping System
M401	Fourth Floor Ventilation & Fresh Air Systems
M402	Fourth Floor Air Conditioning System
M501	Mechanical Details 1
M502	Mechanical Details 2
M503	Mechanical Details 3
M504	Mechanical Details 4
M505	Mechanical Details 5

PROJECT:

Mount Souqs Hotel
 Sheikh Jarrah - Jerusalem

ARCHITECTS:
 Designed by: **March. Ibrahim Alhindi**
 Drawn by:

MECHANICAL WORKS:
 Eng. Midhat Sharif
 Eng. Samar Tih

MECHANICAL SYMBOLS & LEGEND

SCALE: 1:100

DATE: 11/2023

REVISIONS:

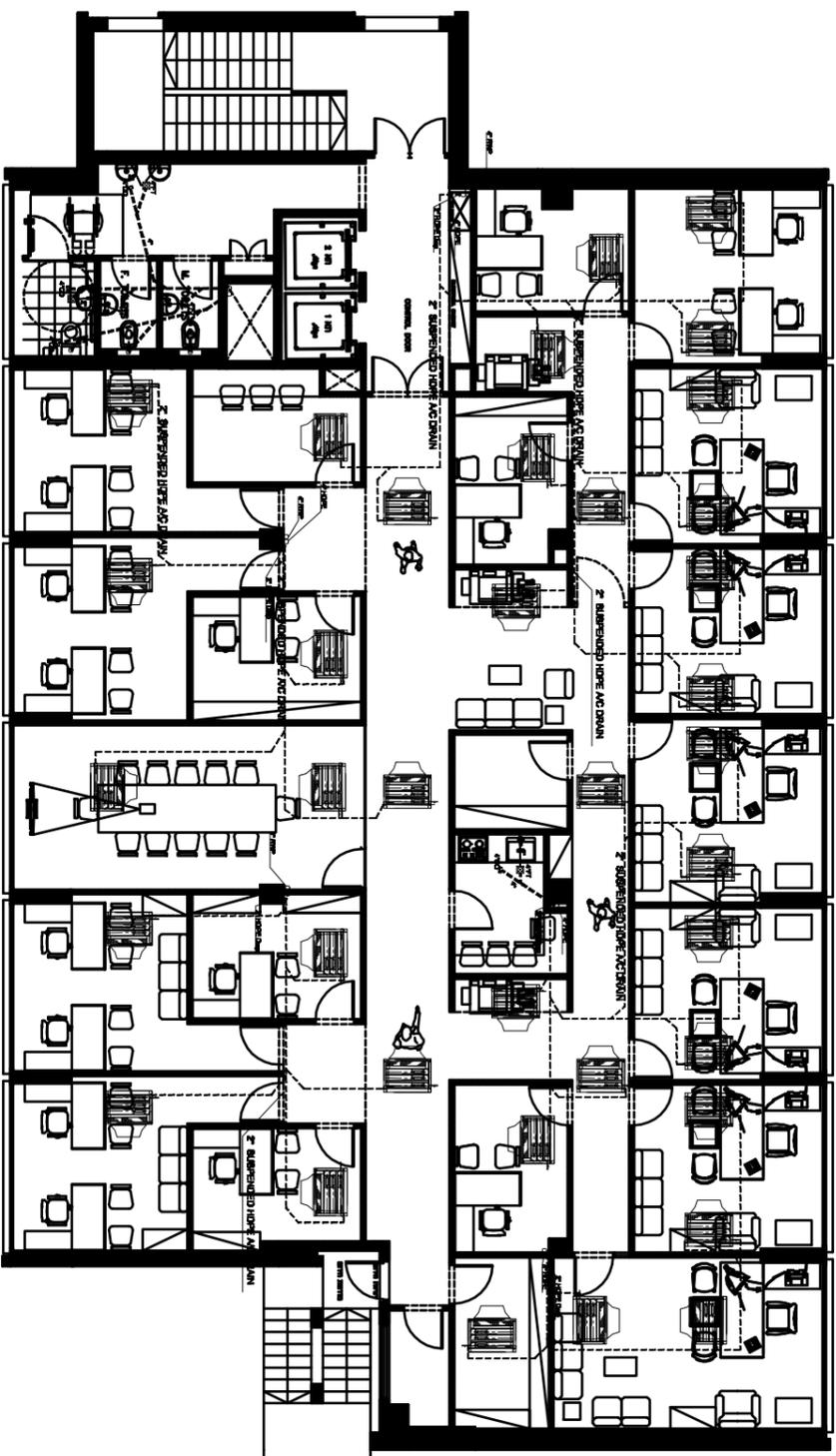
NO.	DESCRIPTION
1	For review
2	For approval
3	For tender
4	For construction

PROJECT NO: 11

MECHANICAL SYMBOLS & LEGEND

MOO

NOTES:



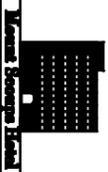
FOURTH FLOOR PLAN

SCALE 1:100

LEVEL: 780.92

HIGHT: 3.00

NOTES:



CLIENT:

**Redesign and Reuse
Mount Scopus Hotel**
SheikhJarrah - Jerusalem

ARCHITECTS:

Designed by
Design Team
Developed by
March. Ibrahim Alhadi

MECHANICAL WORKS:

Eng. Mhdhat Sharif

MECHANICAL WORKS:

Eng. Samar Tih

SHEET NAME:

**FOURTH FLOOR
SANITARY SYSTEM PLAN**

SCALE:

1:100

EDITION:

1

DATE:

2023

FOR REVIEW:

For review

For approval

For tender

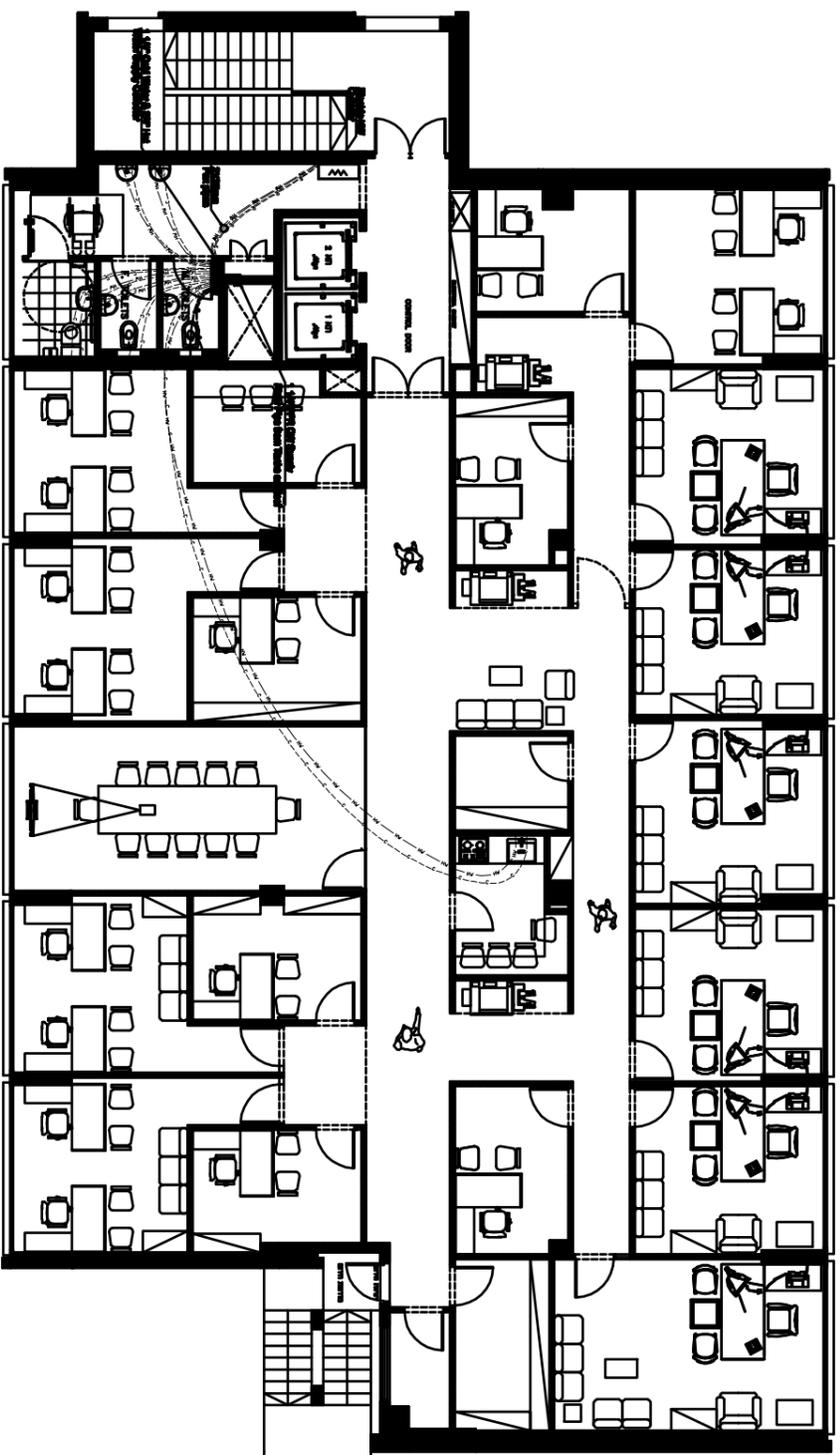
For construction

77

MountScopus



NOTES:



FOURTH FLOOR PLAN

SCALE 1:100

LEVEL: 780.92

HIGHT: 3.00

NOTES:



PROJECT:

Mount Scopus Hotel

Redesign and Reuse Mount Scopus Hotel

SheikhJarrah - Jerusalem

ARCHITECTS:

Designed by
Design Team
Developed by
March. Ibrahim Alhindi

MECHANICAL WORKS:

Eng. Midhat Sharif

MECHANICAL WORKS:

Eng. Samar Tih

SHEET NAME:

FOURTH FLOOR WATER
SUPPLY SYSTEM PLAN

SCALE:

1:100

EDITION:

01

FOR REVIEW

FOR APPROVAL

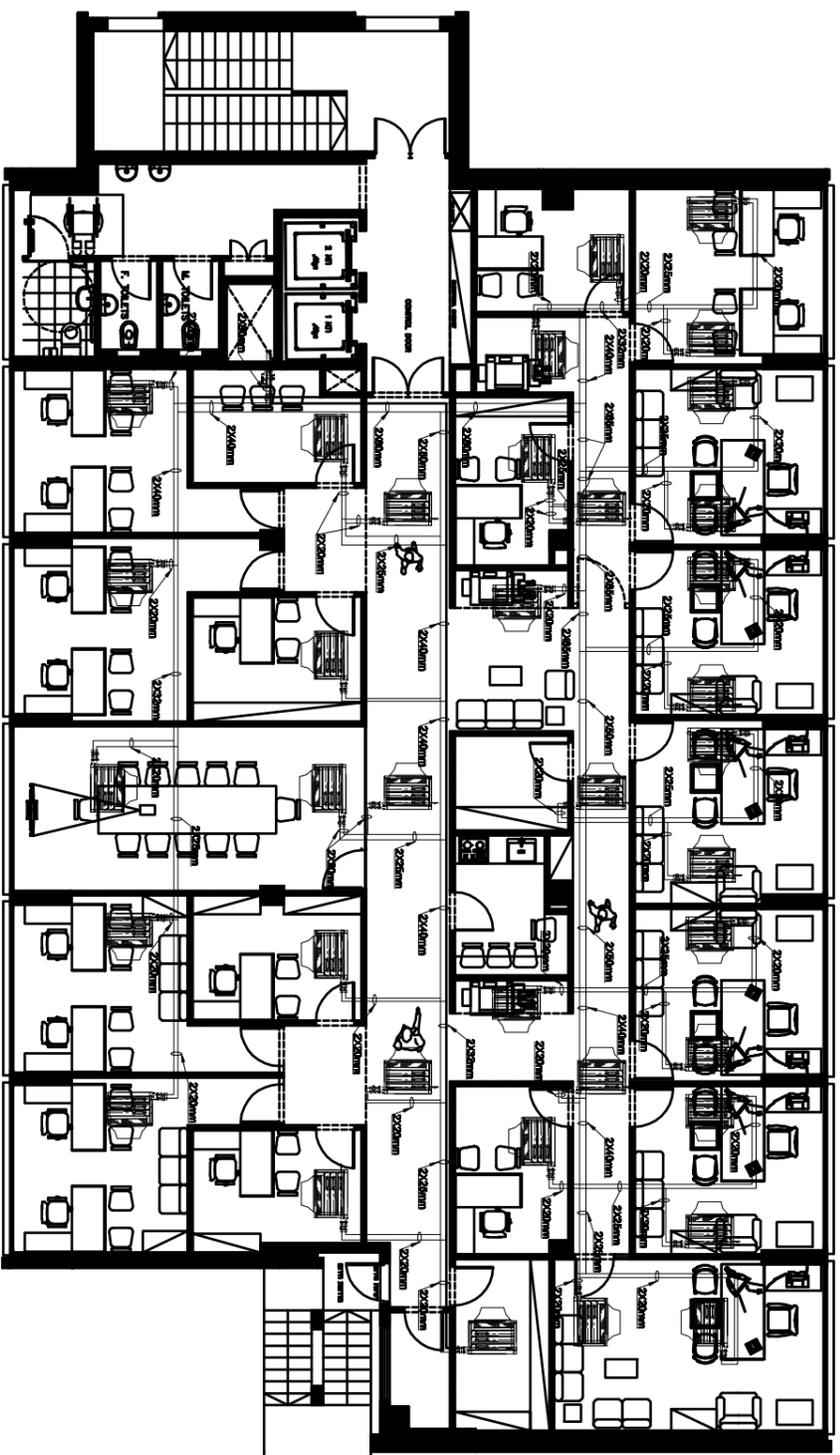
FOR TENDER

FOR CONSTRUCTION

11



NOTES:



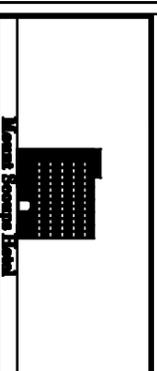
FOURTH FLOOR PLAN

SCALE 1:100

LEVEL: 780.92

HIGHT: 3.00

NOTES:



**Redesign and Reuse
Mount Scopus Hotel**
SheikhJarrah - Jerusalem

ARCHITECTS
Designed by
Design Team
Designed by
March, Ibrahim Alhadi

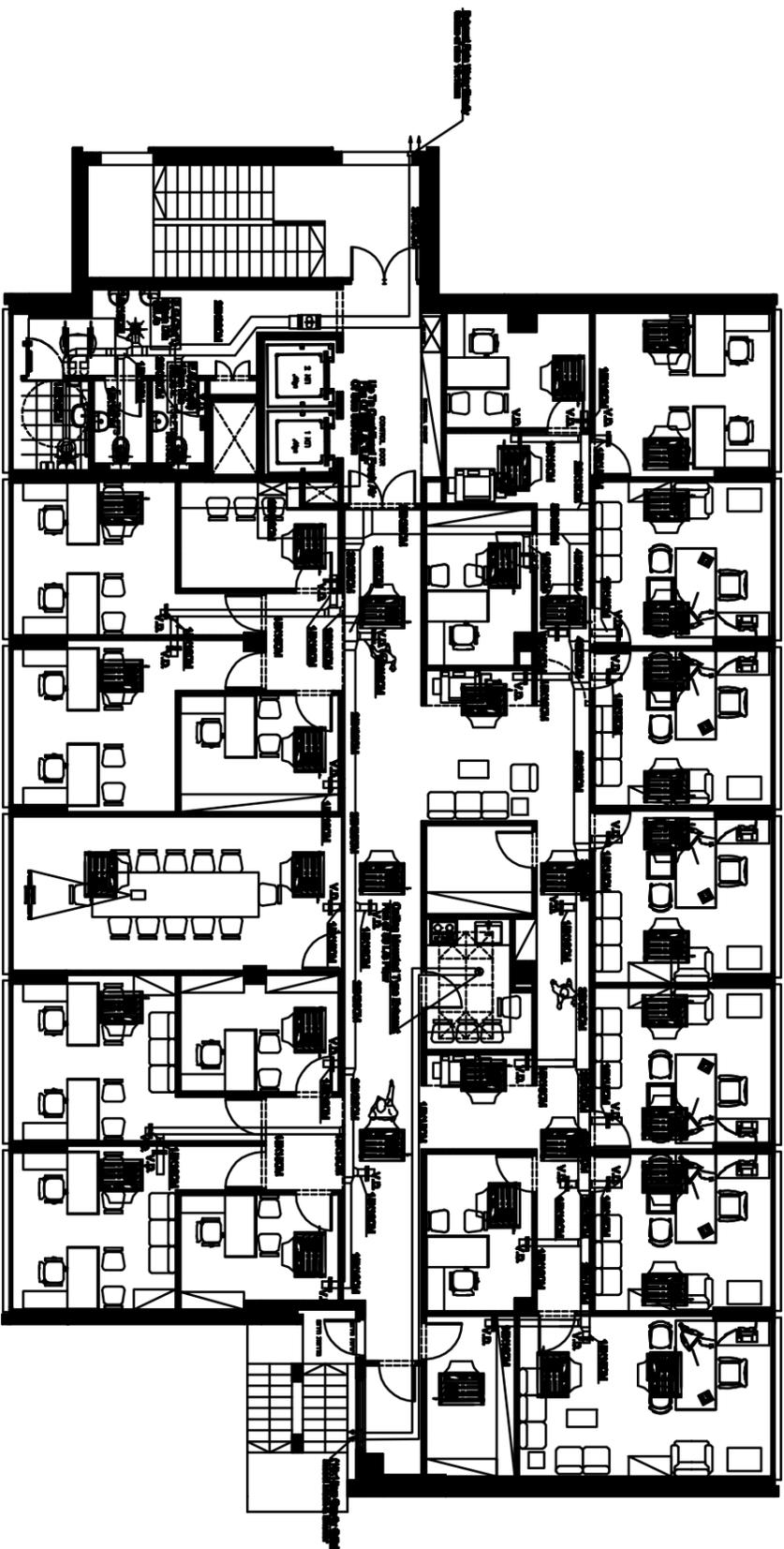
MECHANICAL WORKS
Eng. Midhat Sharif

MECHANICAL WORKS
Eng. Samar Tih

SHEET NAME
FOURTH FLOOR CHILLED
WATER PIPING SYSTEM

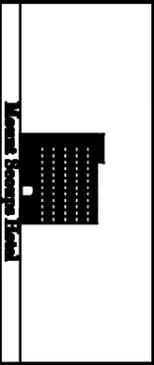
SCALE 1:100	EDITION 1
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NOTES:



FOURTH FLOOR PLAN
SCALE 1:100
LEVEL: 780.92
HEIGHT: 3.00

NOTES:



PROJECT:

**Redesign and Reuse
Mount Scopus Hotel**
SheikhJarrah - Jerusalem

ARCHITECTS:

Designed by
Design Team
Developed by
March, Ibrahim Alhadi

MECHANICAL WORKS:

Eng. Mhdhat Sharif

MECHANICAL WORKS:

Eng. Samar Tih

SHEET NAME:

**FOURTH FLOOR PLAN
VENTILATION & FRESH
AIR SYSTEMS PLAN**

SCALE:

1:100

DATE:

2023/03/07

FOR REVIEW:

For review

For approval

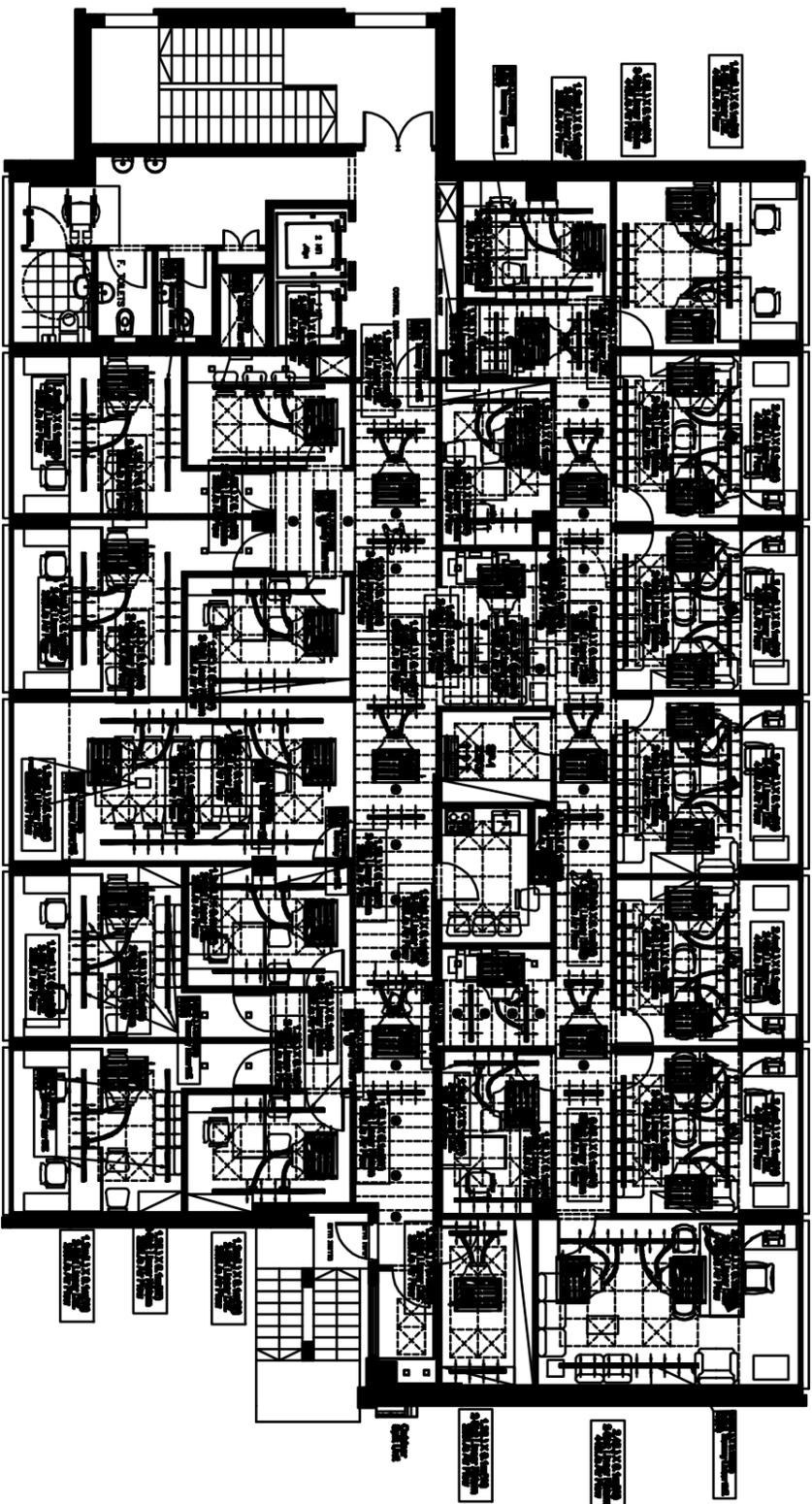
For tender

For construction

77 **March, Ibrahim**



NOTES:



FOURTH FLOOR PLAN

SCALE 1:100

LEVEL: 780.92

HIGHT: 3.00

PROJECT: **Mount Scopus Hotel**

**Redesign and Reuse
Mount Scopus Hotel**
SheikhJarrah - Jerusalem

ARCHITECTS:

Designed by: **March, Ibrahim Alhadi**
Designed by:

MECHANICAL WORKS:

Eng. Midhat Sharif

MECHANICAL WORKS:

Eng. Samar Tih

SHEET NAME:

FOURTH FLOOR AIR
CONDITIONING SYSTEM PLAN

SCALE:

1:100

EDITION:

01

DATE:

2023

SHEET NO.:

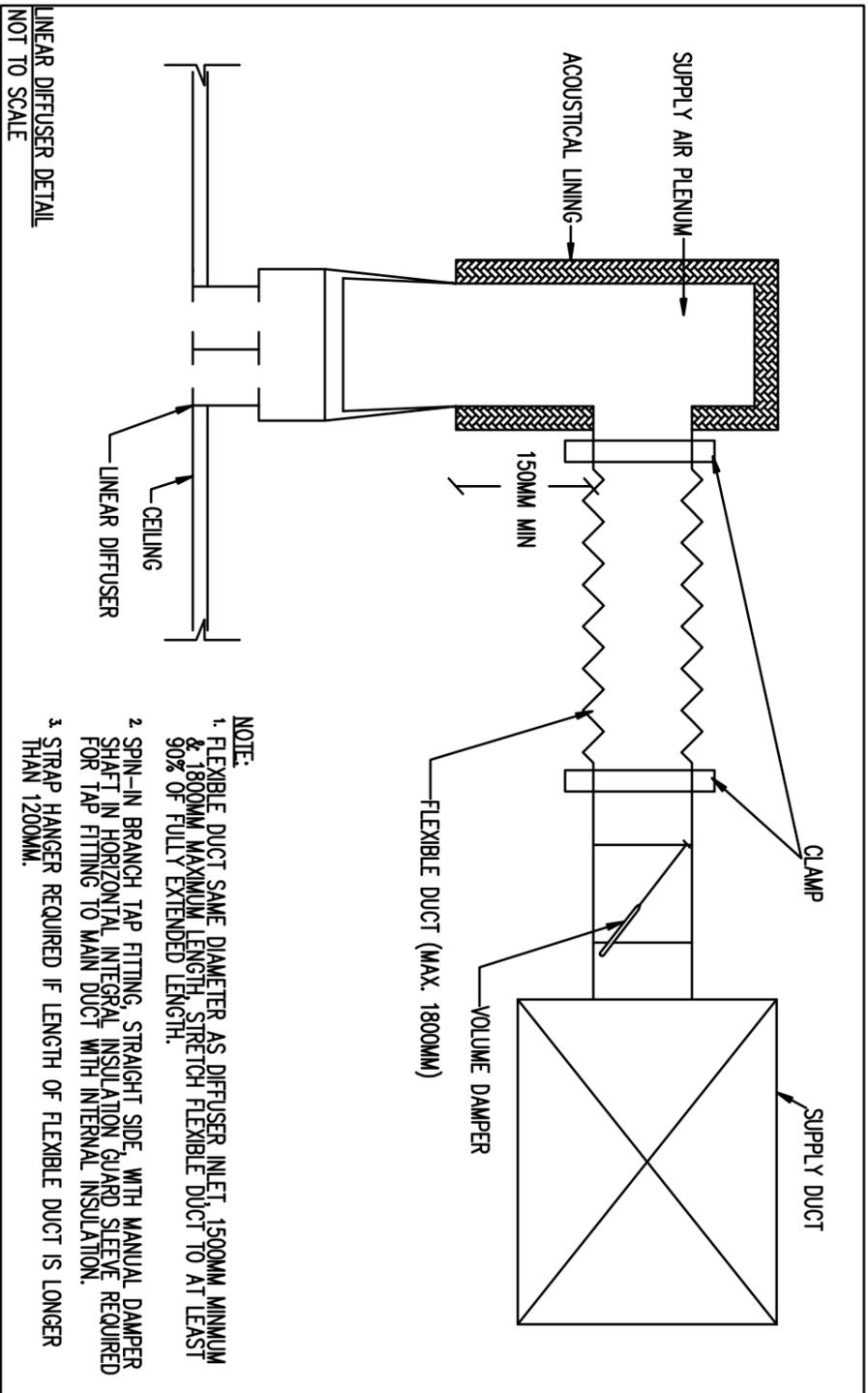
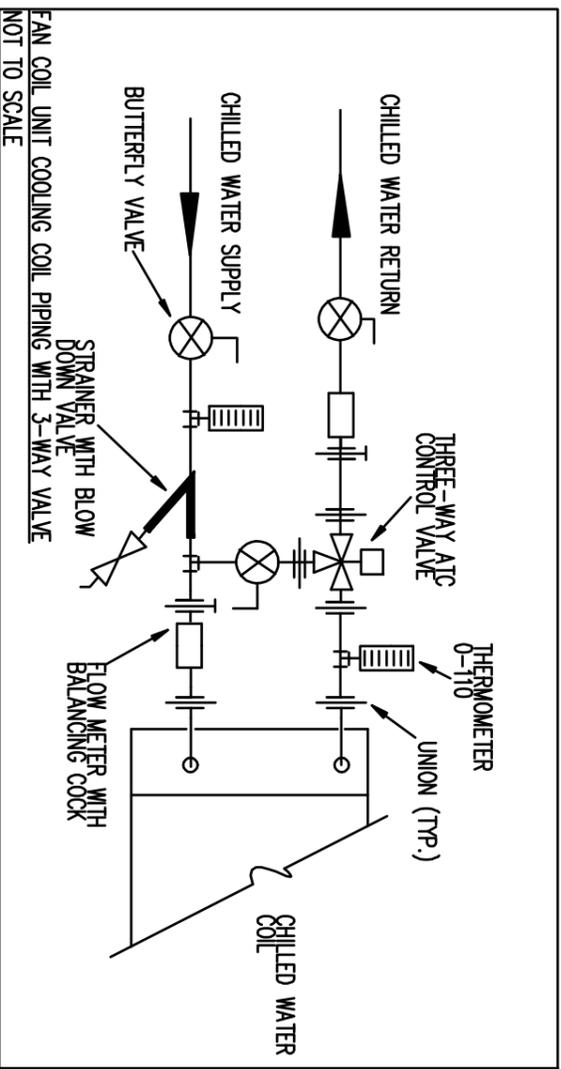
01

- For review
- For approval
- For tender
- For construction

11 March 2023



NOTES:



- NOTE:**
1. FLEXIBLE DUCT SAME DIAMETER AS DIFFUSER INLET, 1500MM MINIMUM & 1800MM MAXIMUM LENGTH, STRETCH FLEXIBLE DUCT TO AT LEAST 90% OF FULLY EXTENDED LENGTH.
 2. SPIN-IN BRANCH TAP FITTING, STRAIGHT SIDE, WITH MANUAL DAMPER SHAFT IN HORIZONTAL INTEGRAL INSULATION GUARD SLEEVE REQUIRED FOR TAP FITTING TO MAIN DUCT WITH INTERNAL INSULATION.
 3. STRAP HANGER REQUIRED IF LENGTH OF FLEXIBLE DUCT IS LONGER THAN 1200MM.

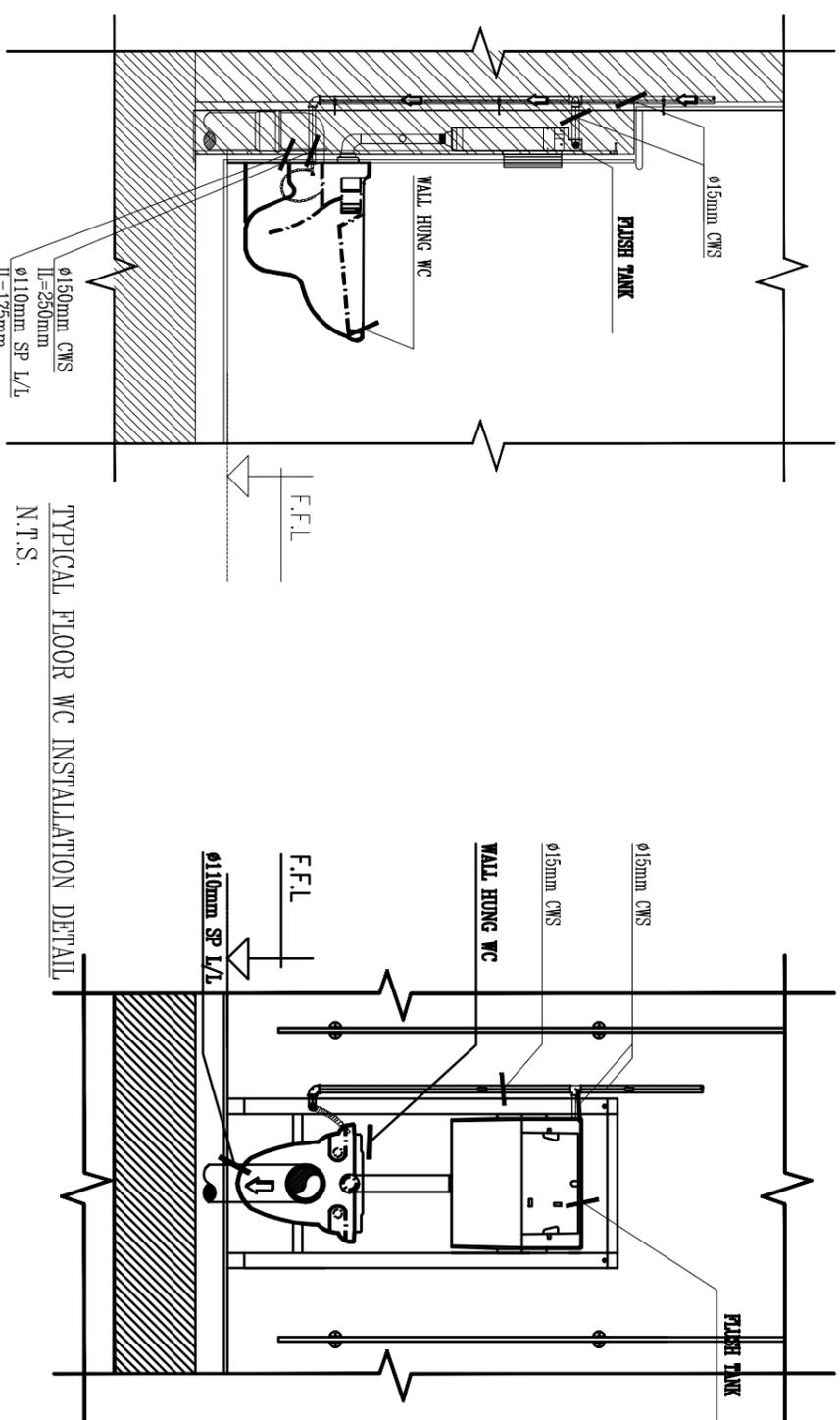
PROJECT:
Mount Souqas Hotel
 Sheikhjerrah - Jerusalem

ARCHITECTS:
 Designed by: **March, Ibrahim Alhnd**
 Drawn by:

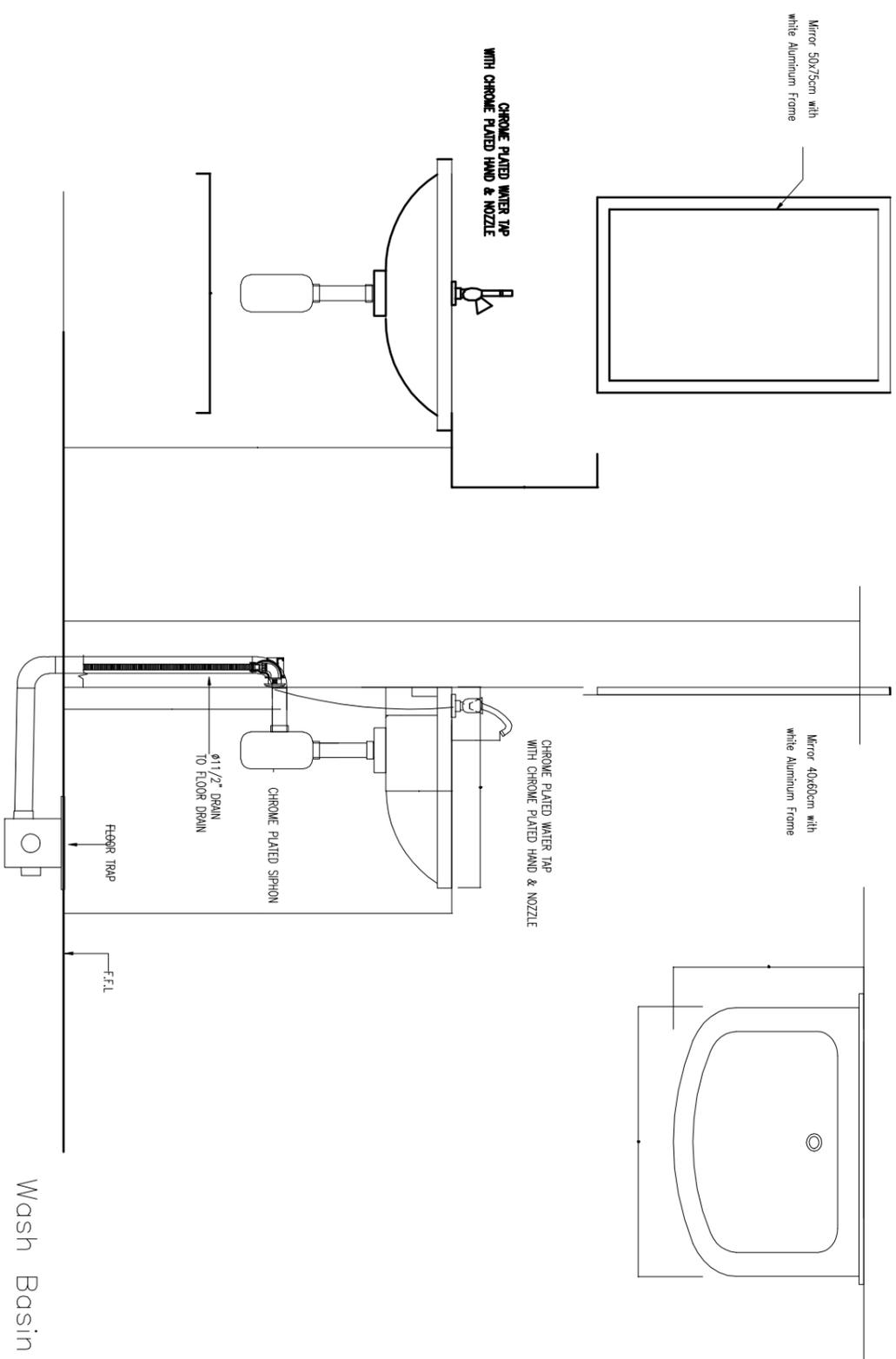
MECHANICAL WORKS:
 Eng. Midhat Sharif
 Eng. Samar T-Hi

MECHANICAL WORKS:
 Eng. Samar T-Hi

NOTES:



TYPICAL FLOOR WC INSTALLATION DETAIL
N.T.S.



Wash Basin Connections



PROJECT:

Mount Scopus Hotel

**Redesign and Rouse
Mount Scopus Hotel**

Sheikhjerrah - Jerusalem

ARCHITECTS:

Designed by

Design Team

Developed by

March. Ibrahim Alhnd

MECHANICAL WORKS:

Eng. Midhat Sharif

MECHANICAL WORKS:

Eng. Samar T-hi

SHEET NAME:

MECHANICAL DETAILS 2

SCALE: 1/2"

DATE: 2023/03/07

FOR REVIEW

FOR APPROVAL

FOR TENDER

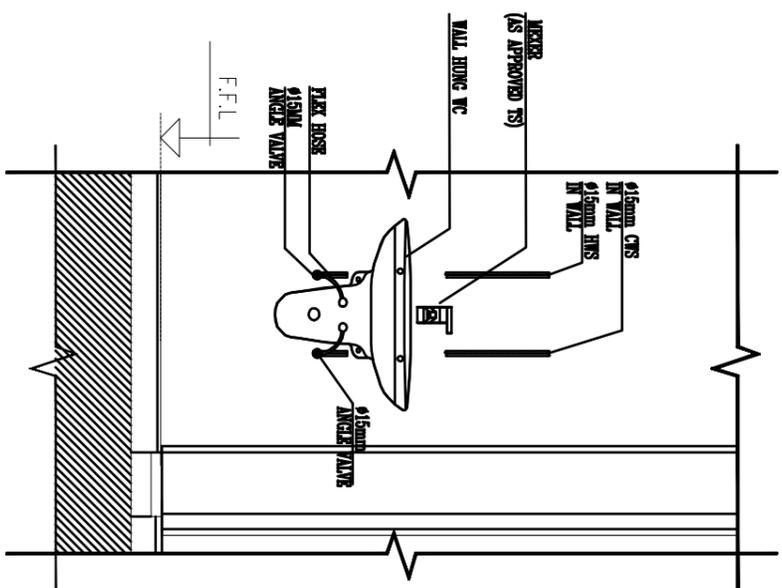
FOR CONSTRUCTION

77

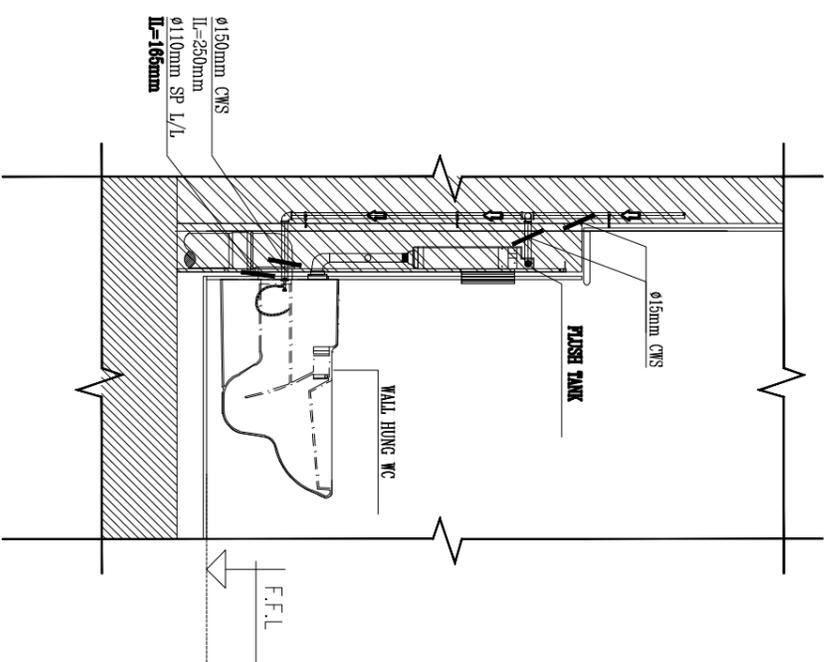
MECHANICAL



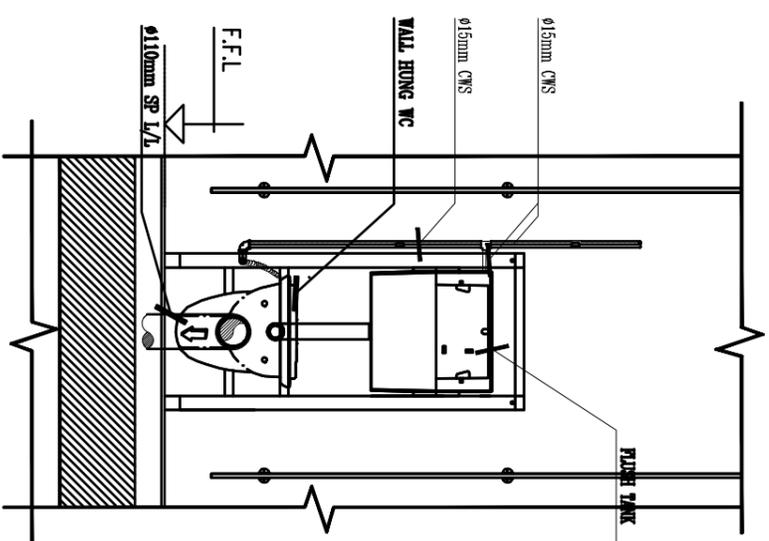
NOTES:



TYPICAL HANDICAP SINK INSTALLATION DETAIL
N.T.S.



TYPICAL HANDICAP WC INSTALLATION DETAIL
N.T.S.



MECHANICAL DETAILS 3

SCALE:	EDITION:
<input checked="" type="checkbox"/> For review	SHEET NO.:
<input type="checkbox"/> For approval	
<input type="checkbox"/> For tender	
<input type="checkbox"/> For construction	
77	



PROJECT:
Mount Scopus Hotel

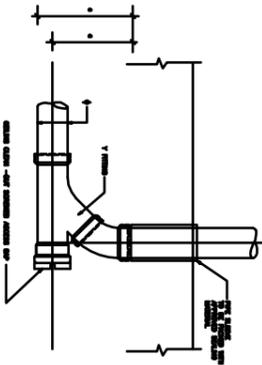
Redesign and Reuse
Mount Scopus Hotel
Sheikh Jarrah - Jerusalem

ARCHITECTS:
Designed by: **March Ibrahim Alhadi**
Designed by: **Eng. Midhat Sharif**

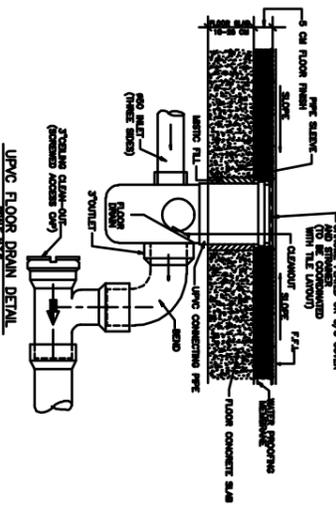
MECHANICAL WORKS:
Eng. Samar T-Hi

SHEET NAME:
MECHANICAL DETAILS 3

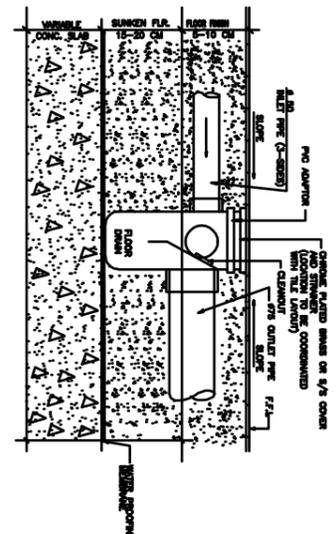
NOTES:



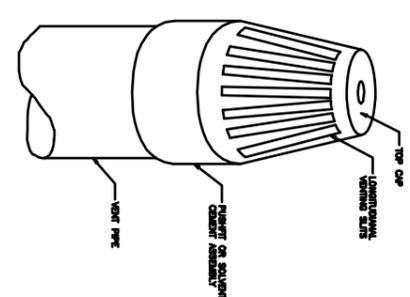
UPVC SINK DETAIL - JAIL DETAIL



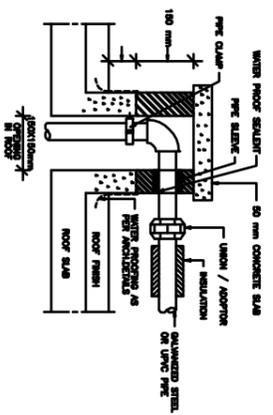
(APPLICABLE WHERE SUNKEN SLAB IS NOT PROVIDED OR AS SHOWN ON PLANS)



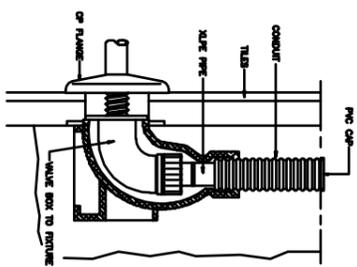
UPVC FLOOR DRAIN DETAIL (SCALE N/15) (APPLICABLE TO SUNKEN SLAB)



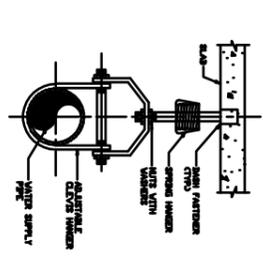
UPVC ROOF VENT CAP



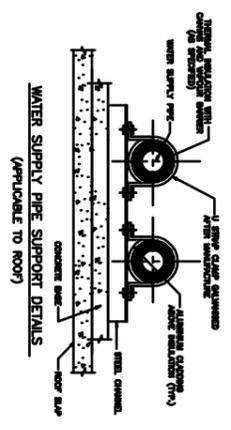
WATER SUPPLY PIPES PENETRATING ROOF SLAB



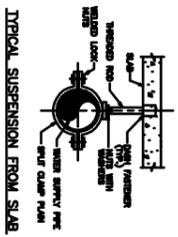
ANGLE VALVE WALL BOX FITTING XLPE PIPE APPLICATION



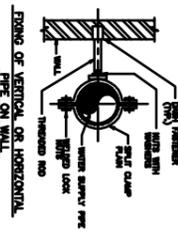
WATER SUPPLY PIPE SUPPORT DETAIL (APPLICABLE TO PIPE RINGS)



WATER SUPPLY PIPE SUPPORT DETAILS (APPLICABLE TO ROOF)



TYPICAL SUSPENSION FROM SLAB



UNINSULATED WATER SUPPLY PIPE SUPPORT DETAILS

PROJECT: **Mount Souqas Hotel**
 Architects: **Sheikhlyhrah - Jerusalem**
 Designed by: **Eng. Mhdhat Sharif**
 Design Team: **Eng. Samar Tih**
 Developed by: **March. Ibrahim Alhind**
 ELECTRICAL WORKS:
 MECHANICAL WORKS:
 SHEET NAME: **MECHANICAL DETAILS 4**

SCALE: **N/15**

DATE: **11/11/2022**

REVISIONS:

1	For review	
2	For approval	
3	For tender	
4	For construction	

71 **Mechanical**

