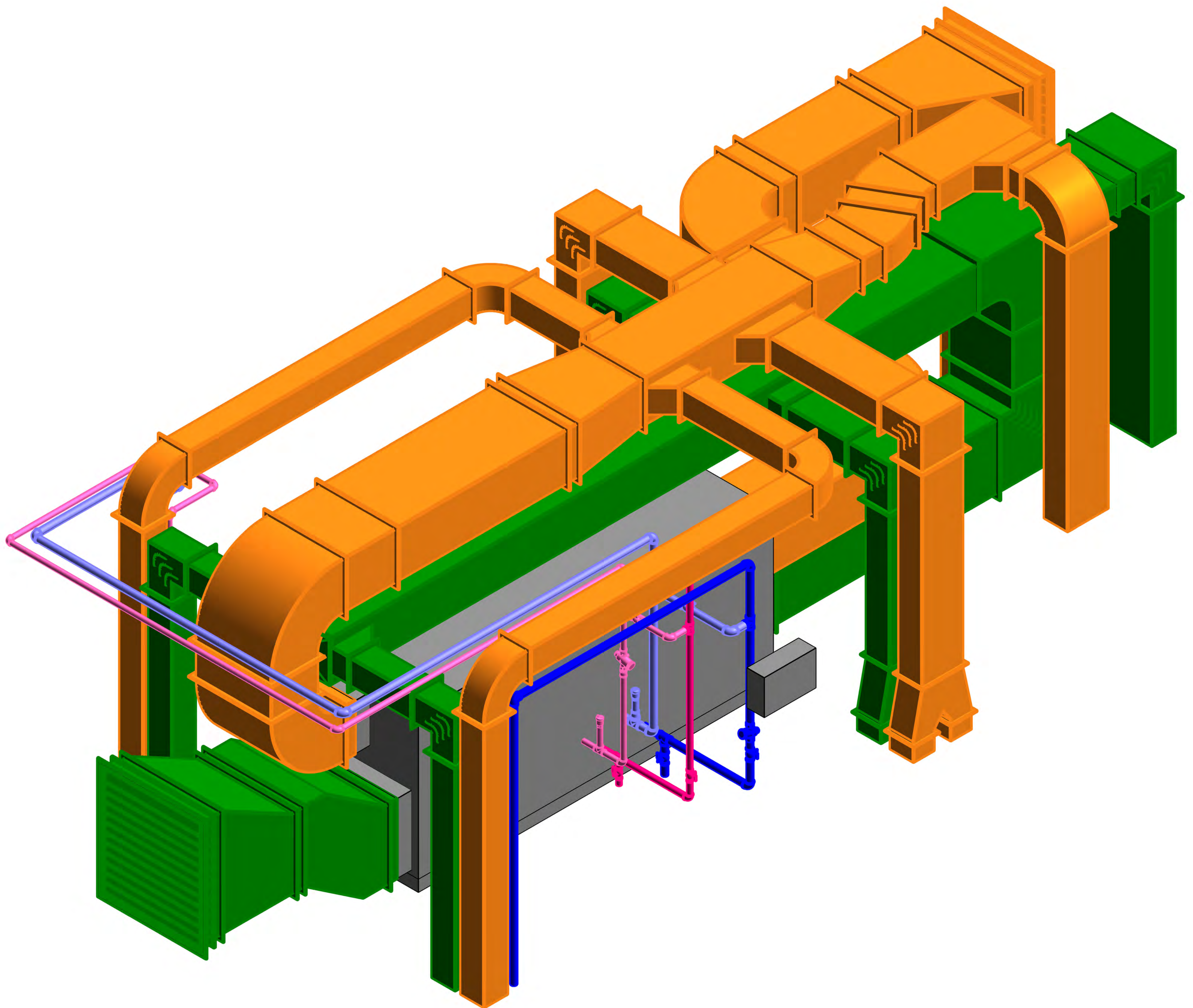
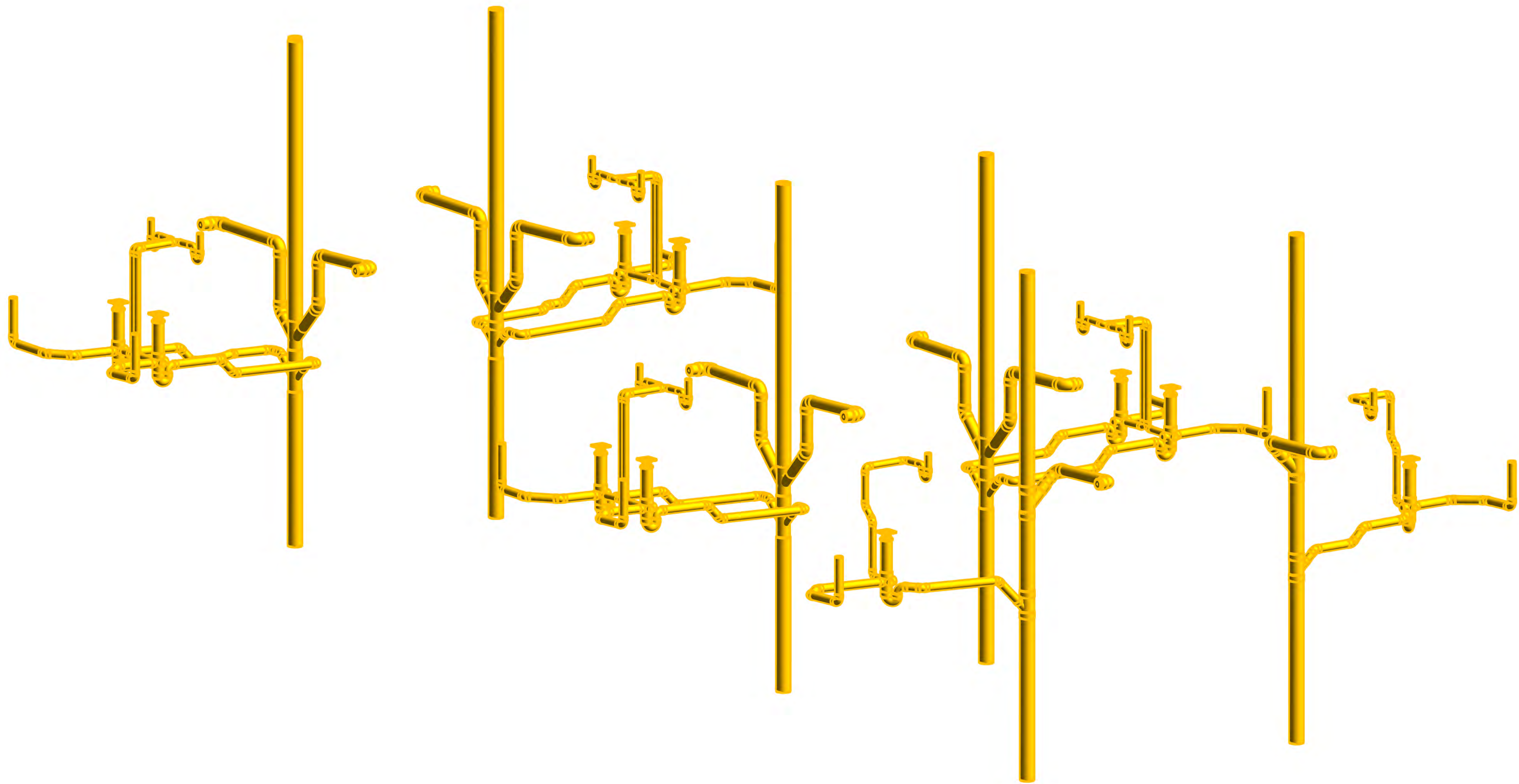
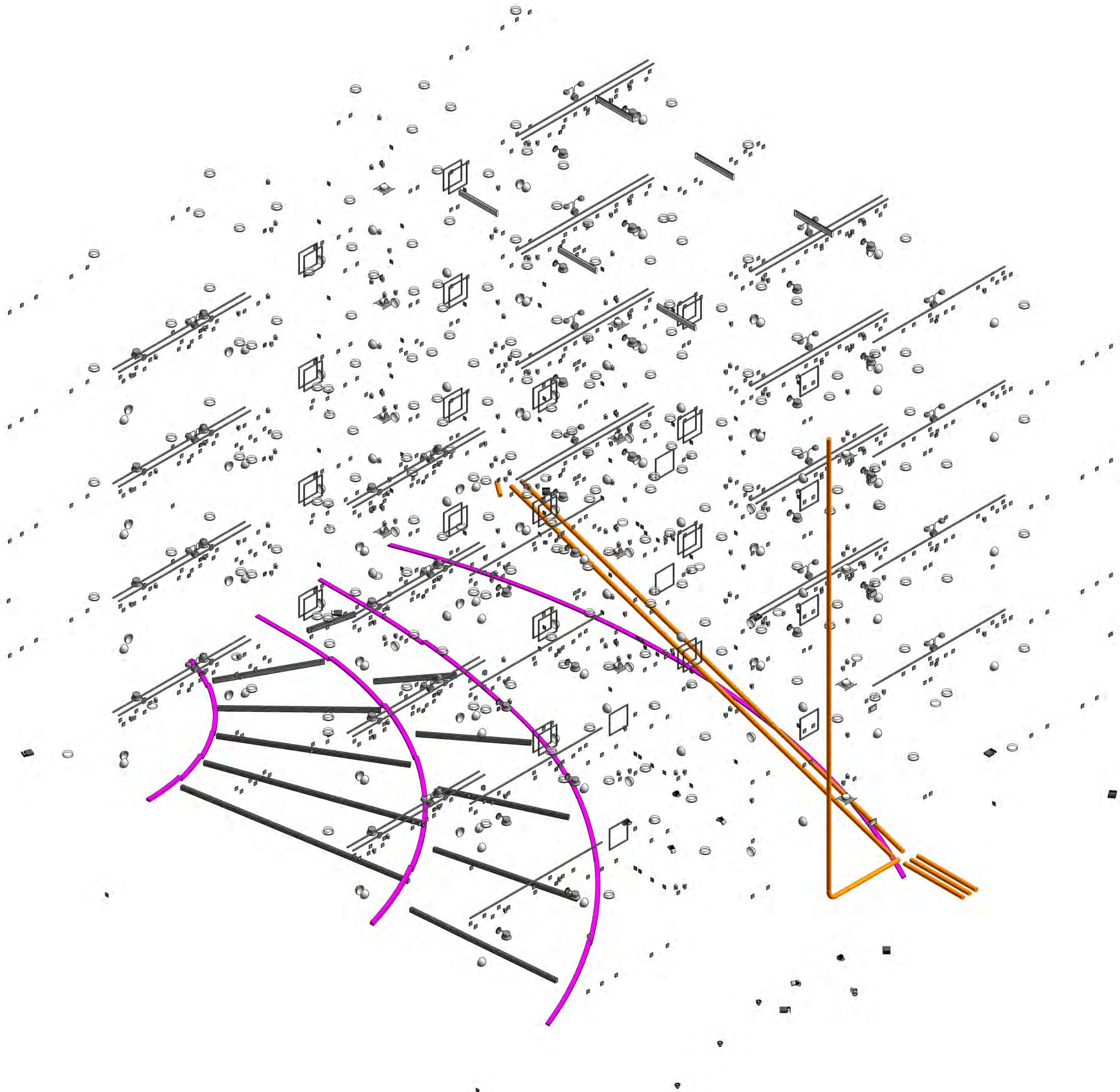
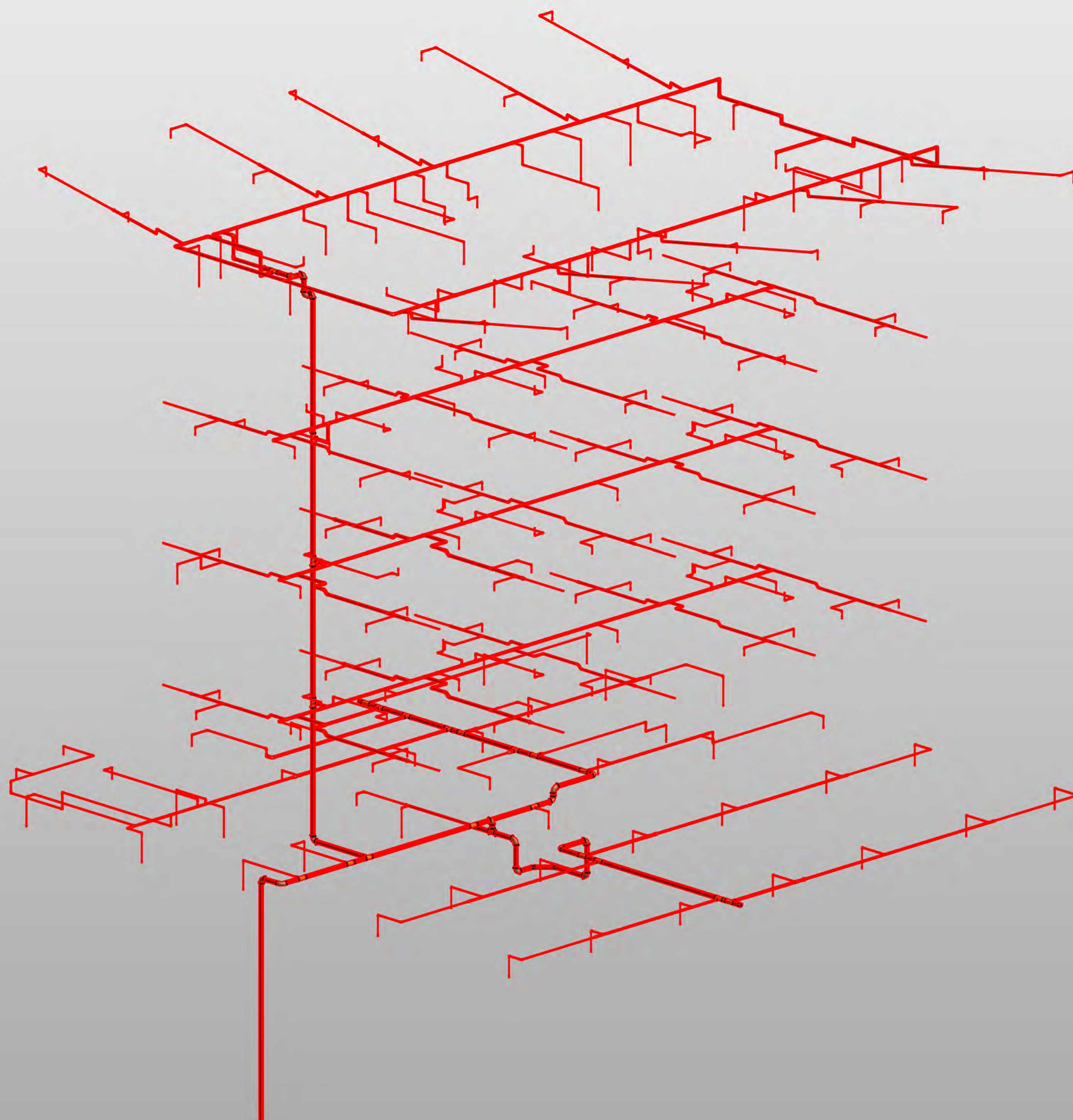
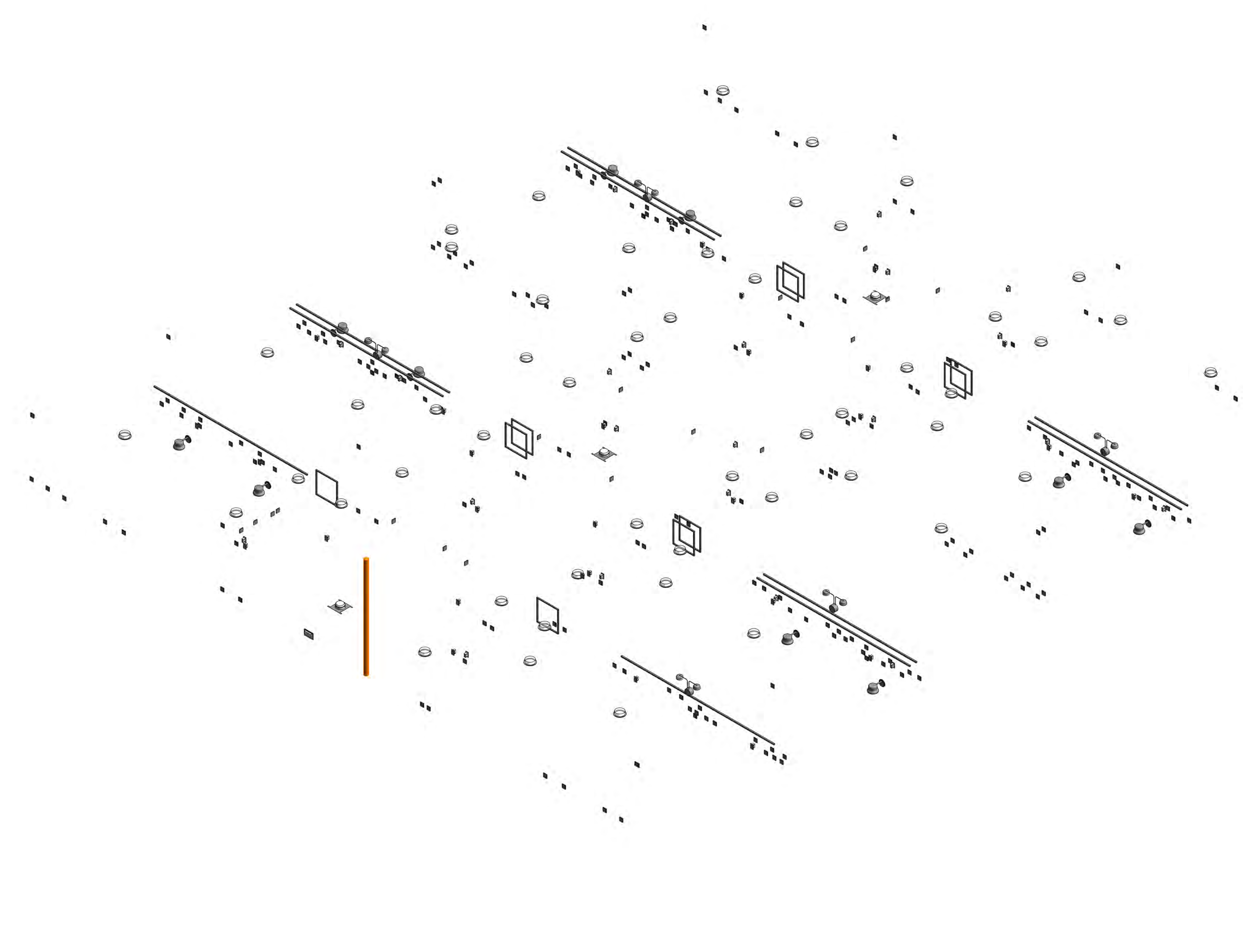


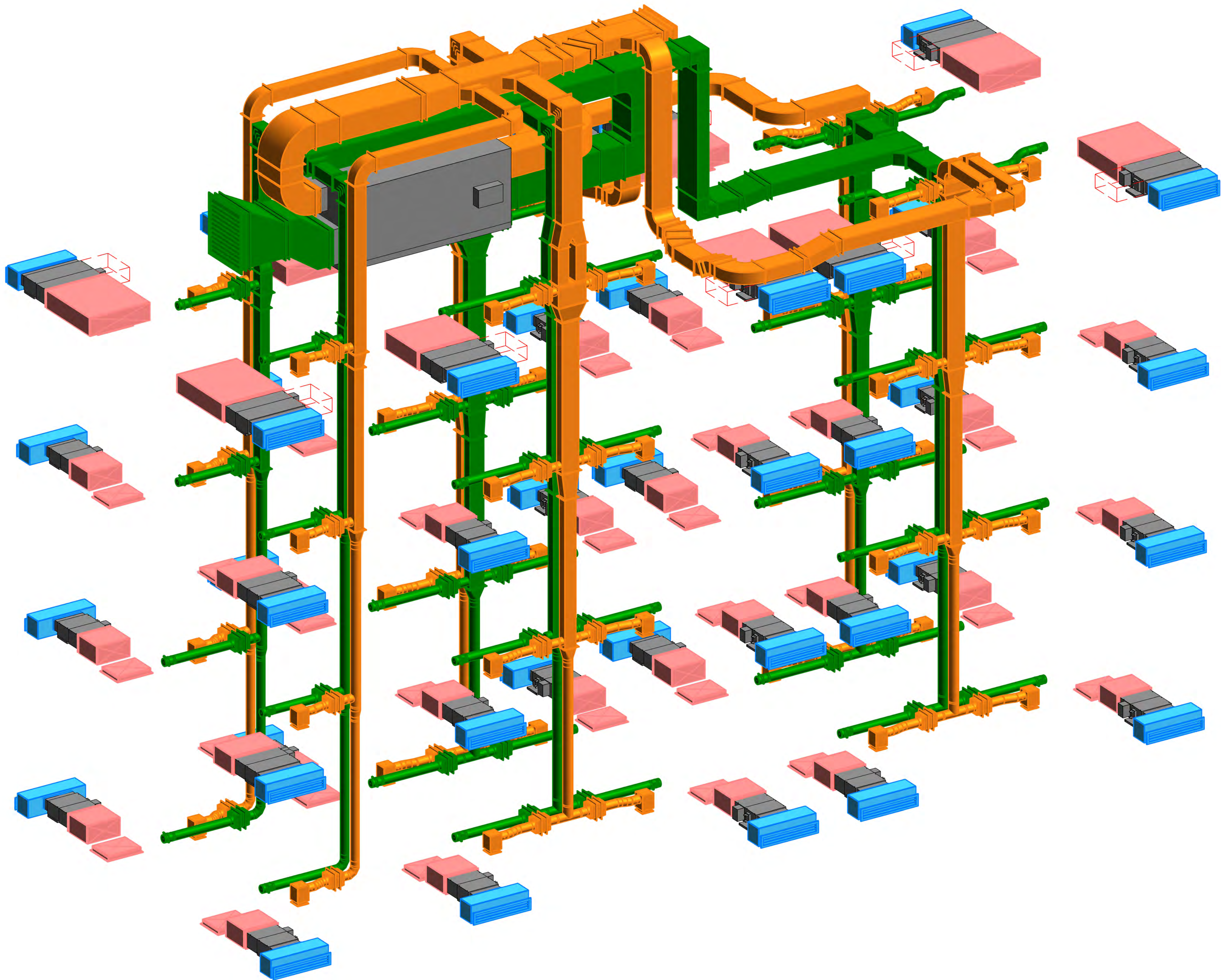


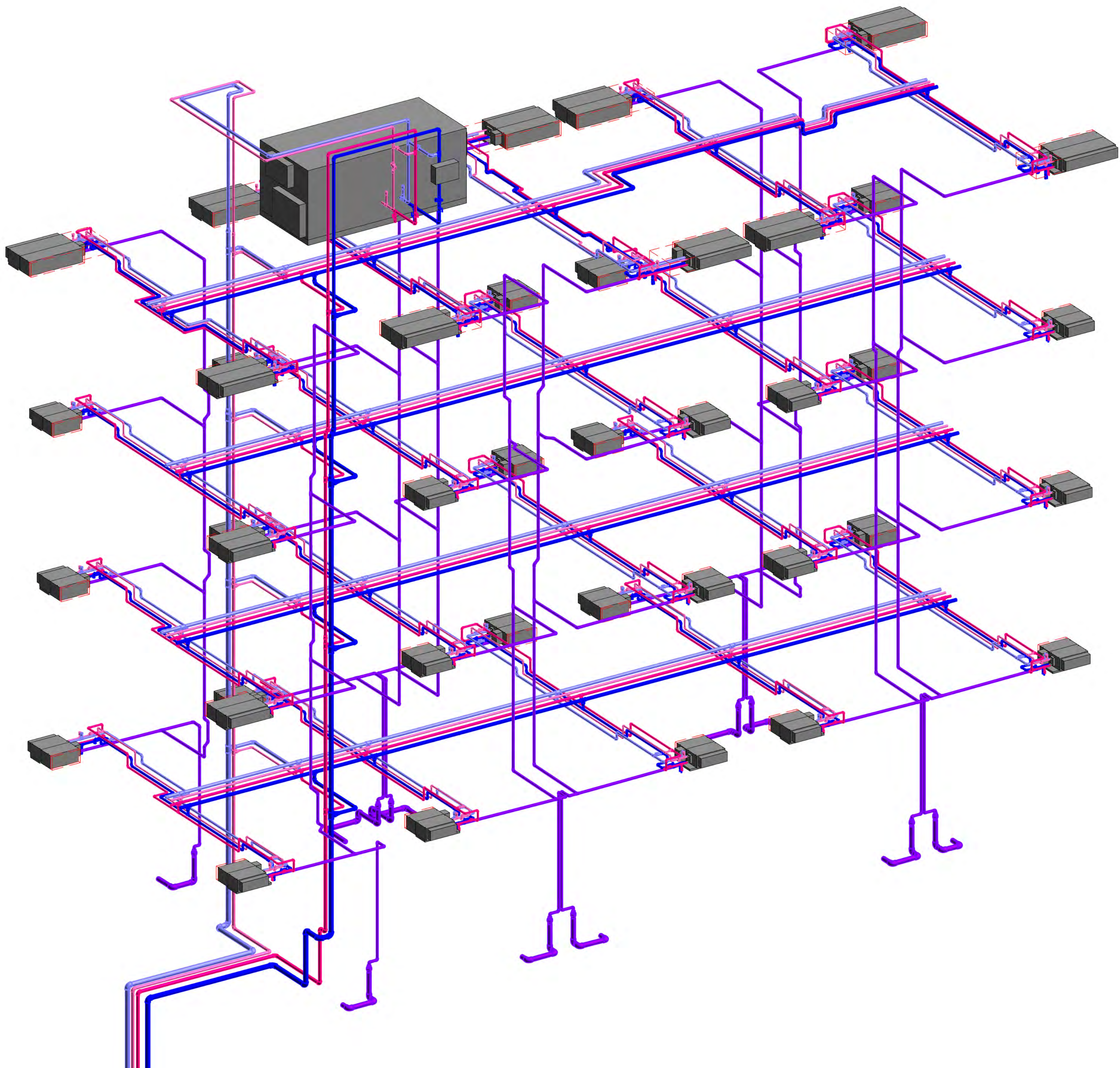


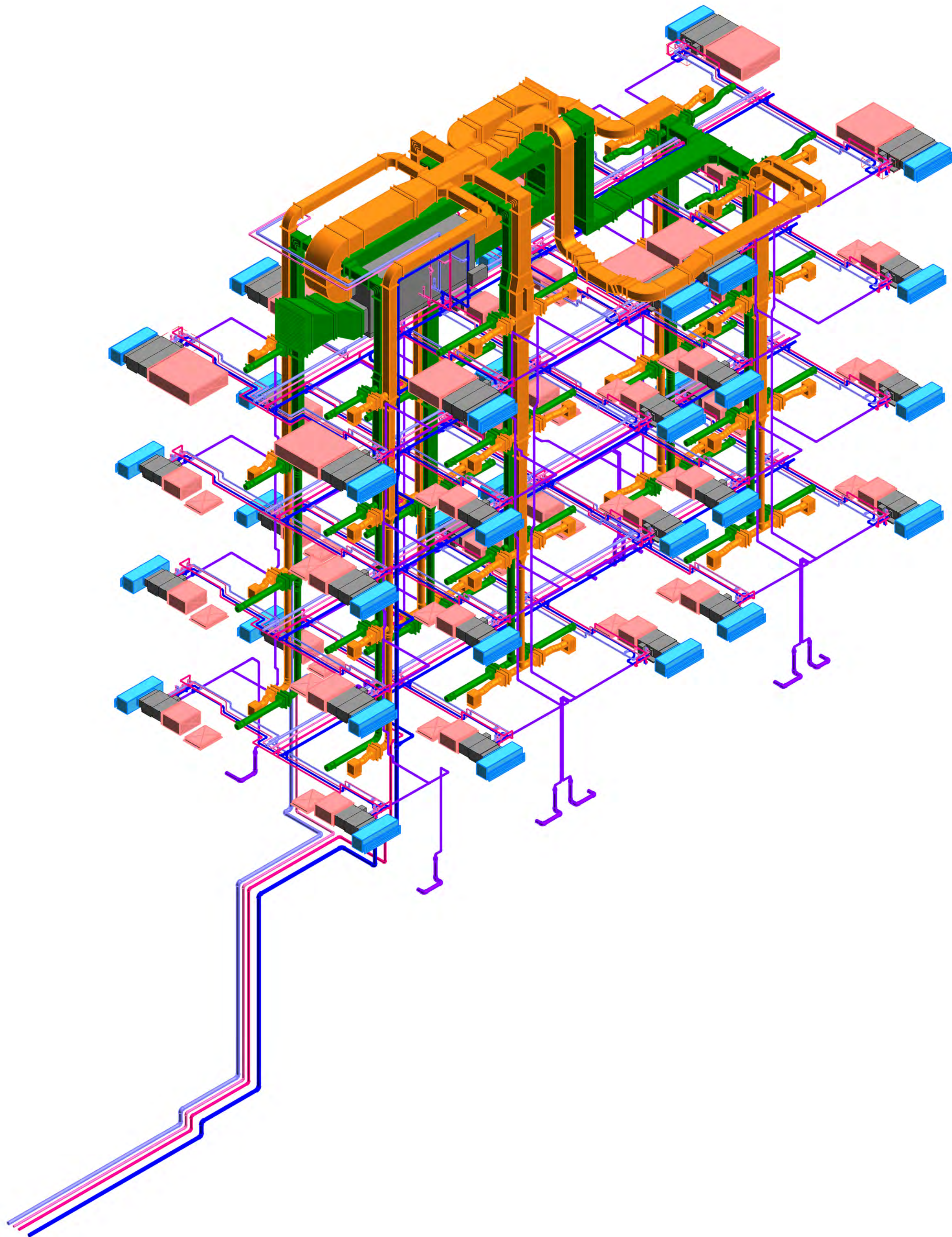


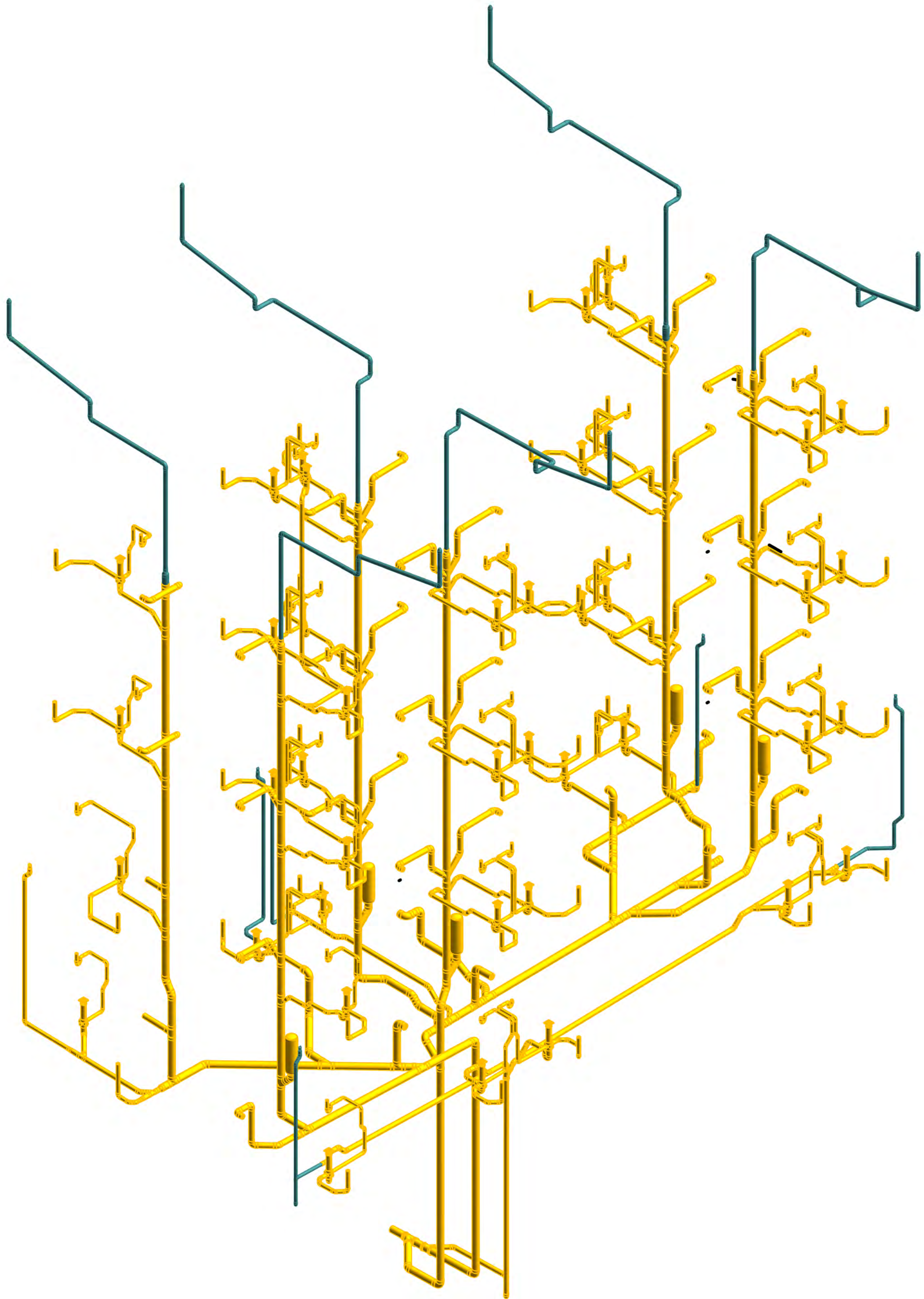


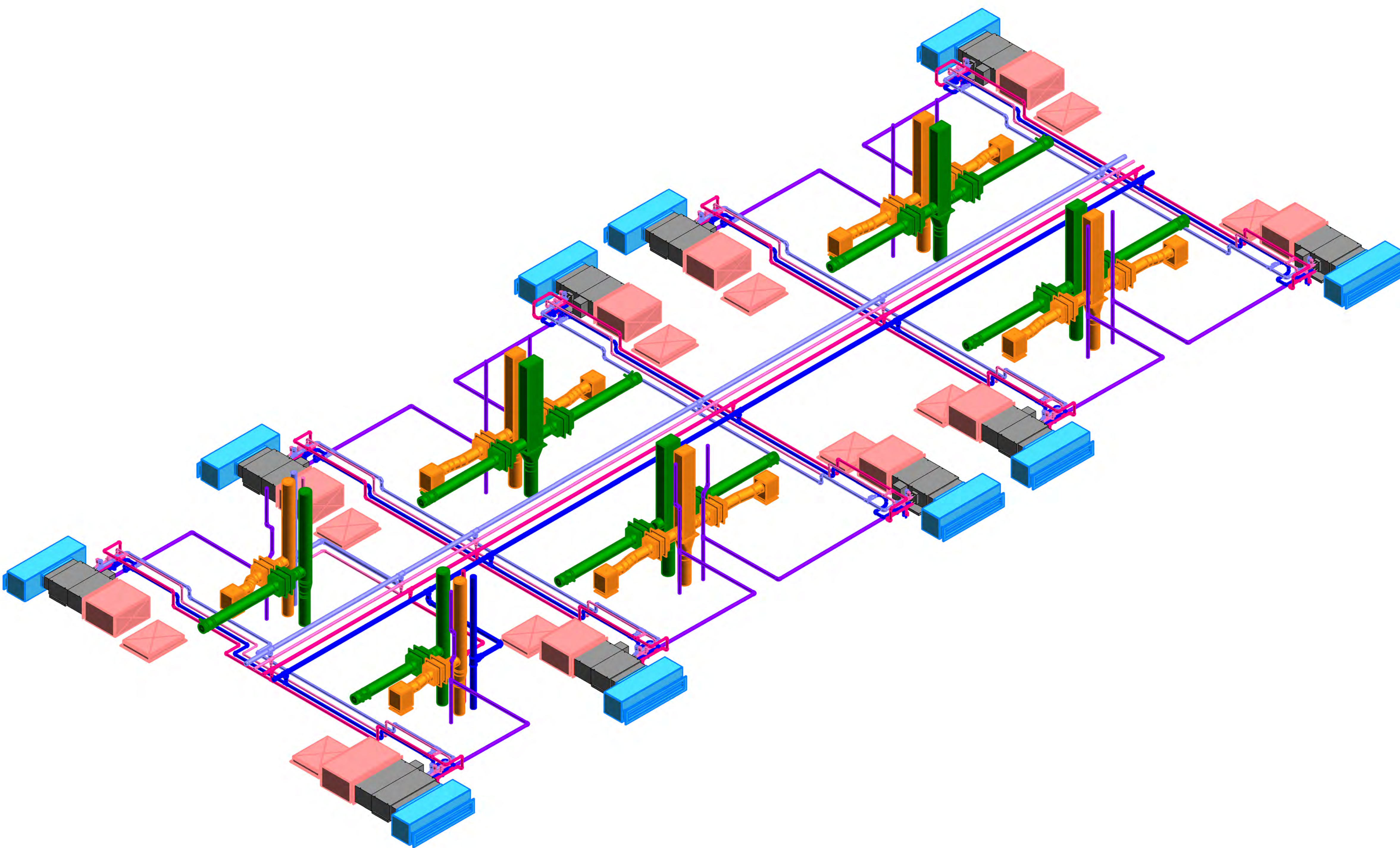


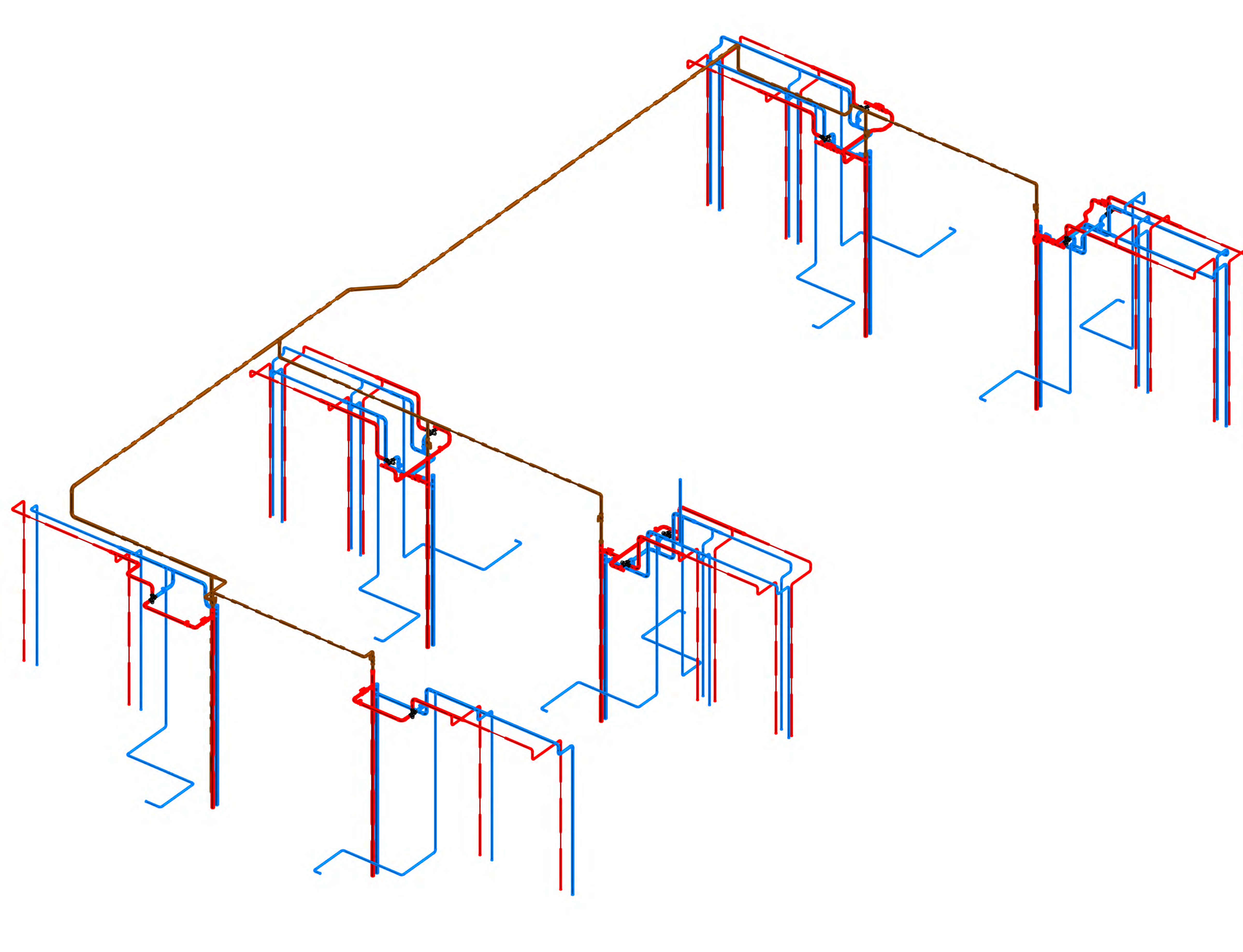


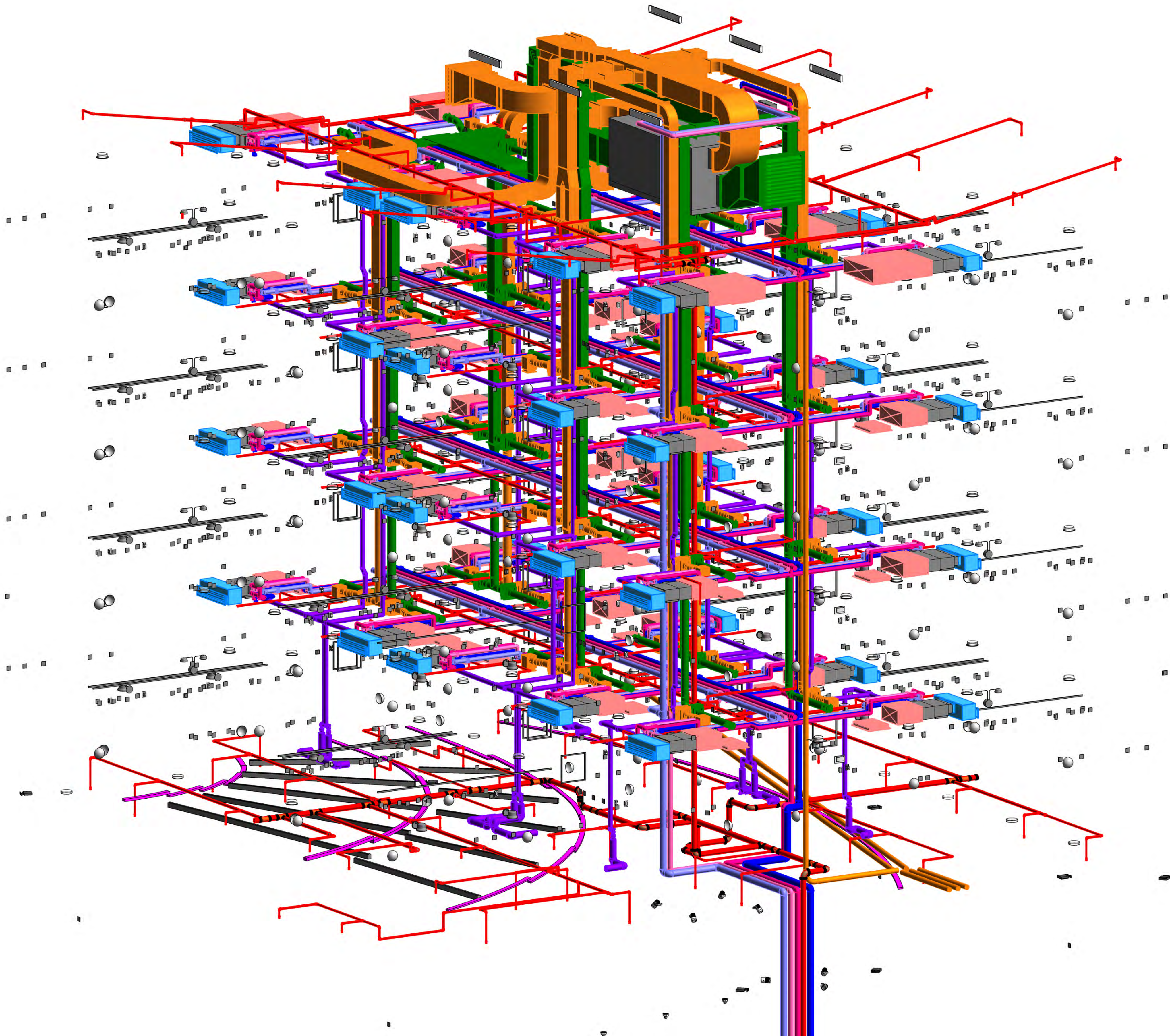


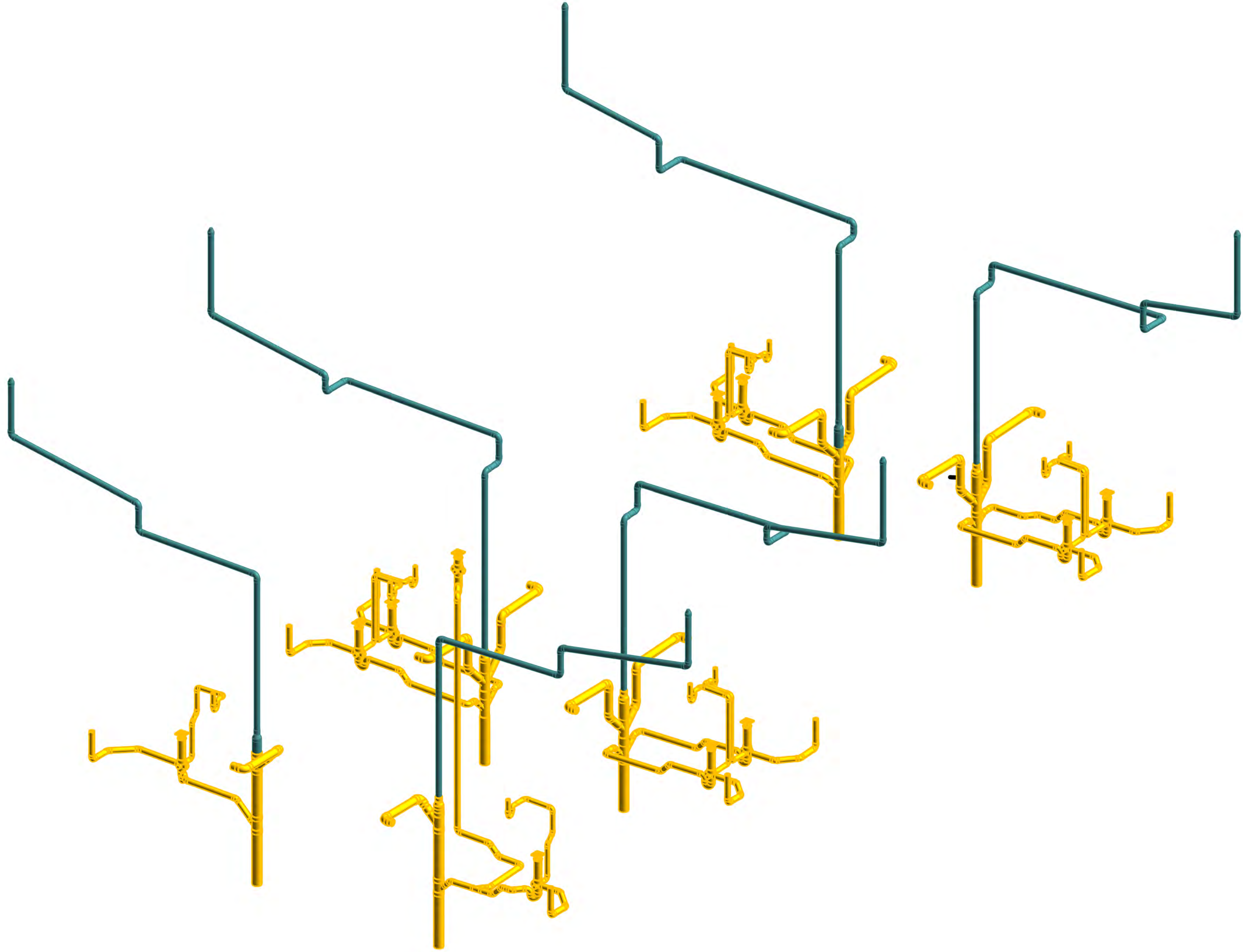


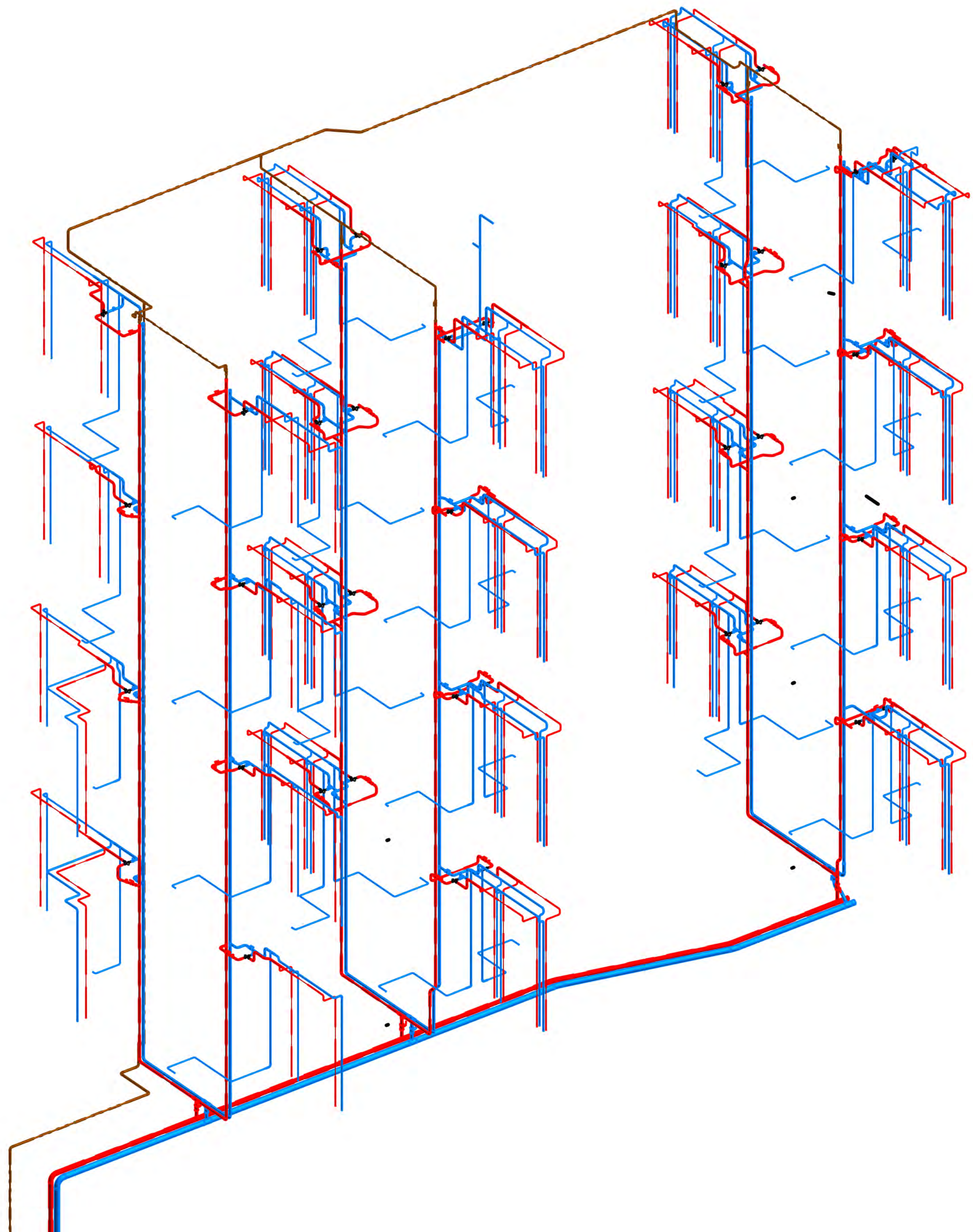










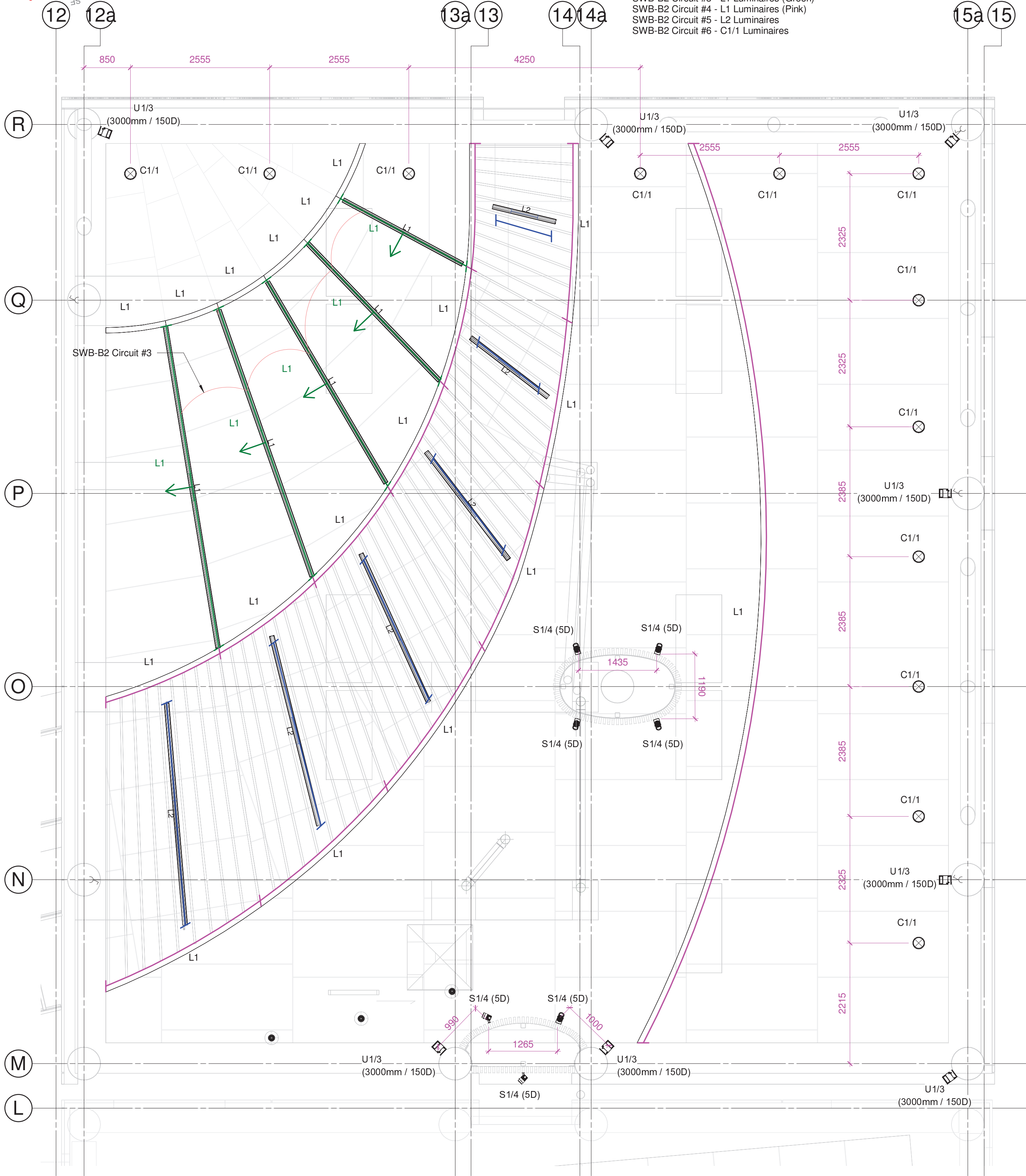
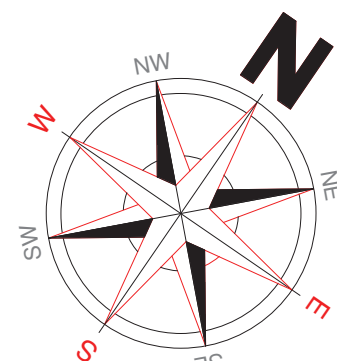


SHEET LIST				
SHEET NO.	SHEET TITLE	ISSUED DATE	REVISION	CURRENT REVISION DESCRIPTION
E001	LEGEND	02.04.2019	A	LEGEND - ISSUED FOR APPROVAL
E100	GROUND FLOOR ELECTRICAL LAYOUT	02.04.2019	A	GROUND FLOOR ELECTRICAL SHOP DRAWING-ISSUED FOR APPROVAL
E101	FIRST FLOOR ELECTRICAL LAYOUT	02.04.2019	A	FIRST FLOOR ELECTRICAL SHOP DRAWING-ISSUED FOR APPROVAL
E102	SECOND FLOOR ELECTRICAL LAYOUT	02.04.2019	A	SECOND FLOOR ELECTRICAL SHOP DRAWING-ISSUED FOR APPROVAL
E103	THIRD FLOOR ELECTRICAL LAYOUT	02.04.2019	A	THIRD FLOOR ELECTRICAL SHOP DRAWING-ISSUED FOR APPROVAL
E104	FOURTH FLOOR ELECTRICAL LAYOUT	02.04.2019	A	FOURTH FLOOR ELECTRICAL SHOP DRAWING-ISSUED FOR APPROVAL

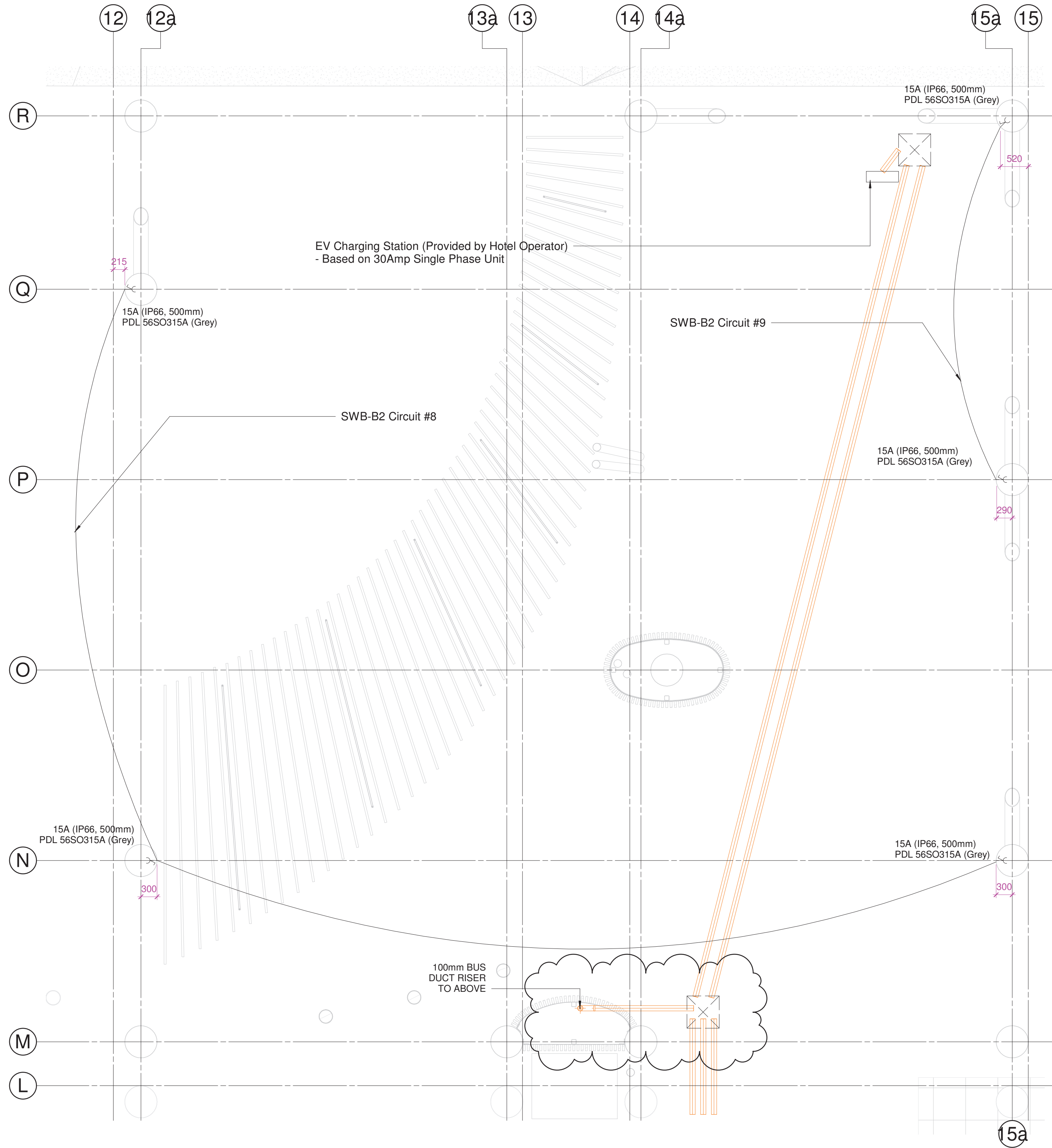


ELECTRICAL SERVICES

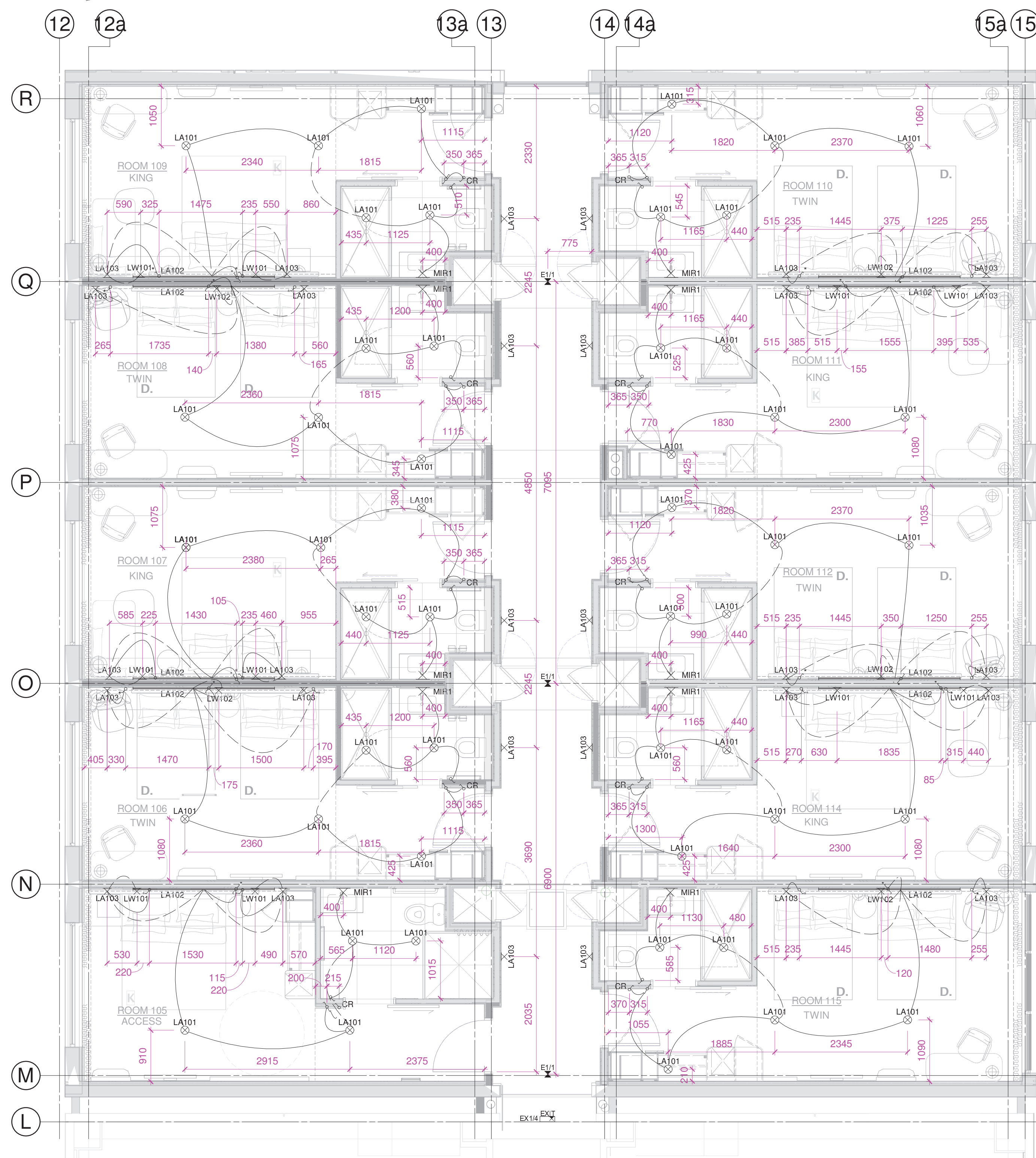
Address	7 Alma Street, Hamilton
Job Number	Job No. 60654



1 GROUND FLOOR & FORECOURT LIGHTING PLAN
E12 1:50 @A1

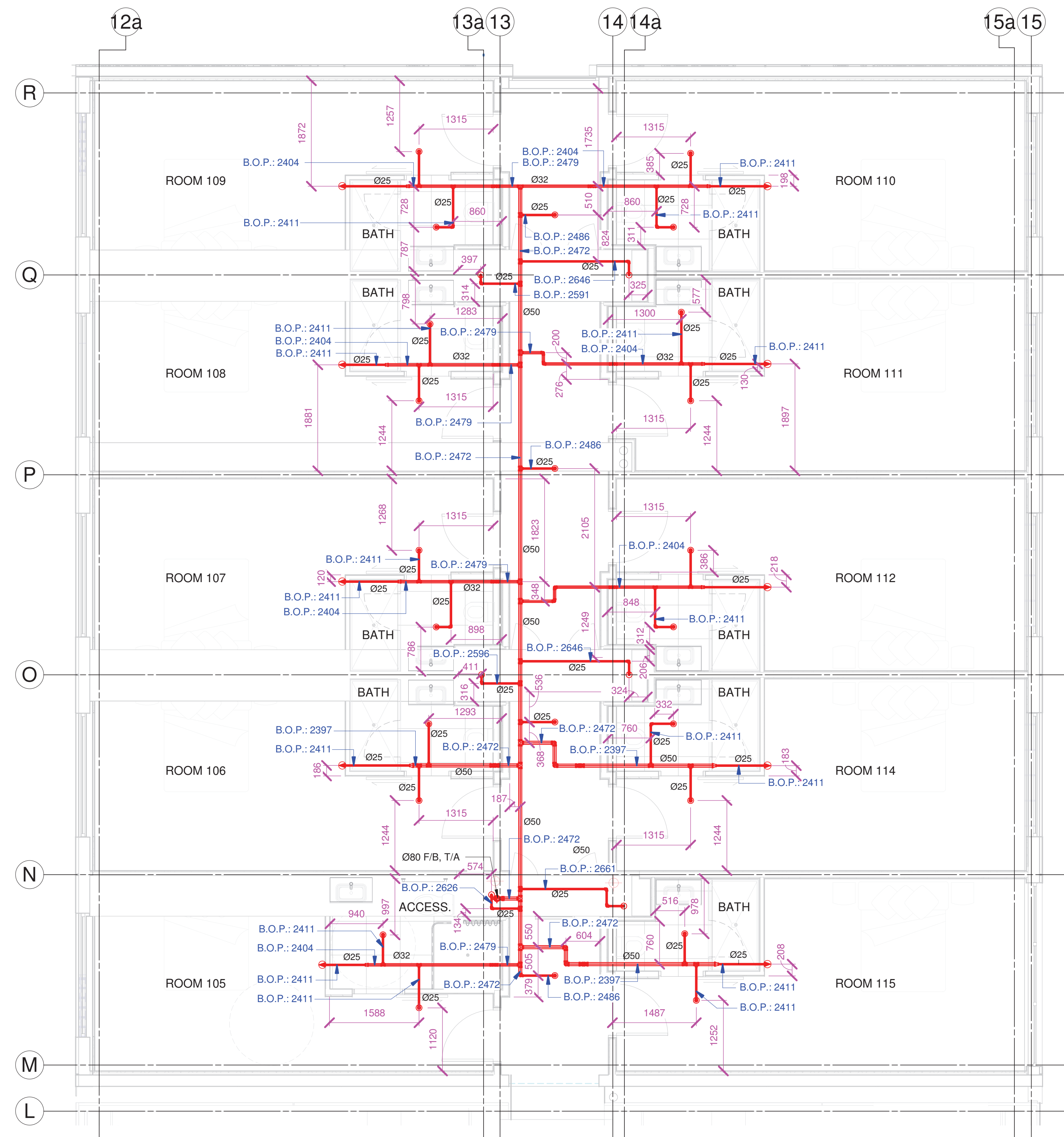


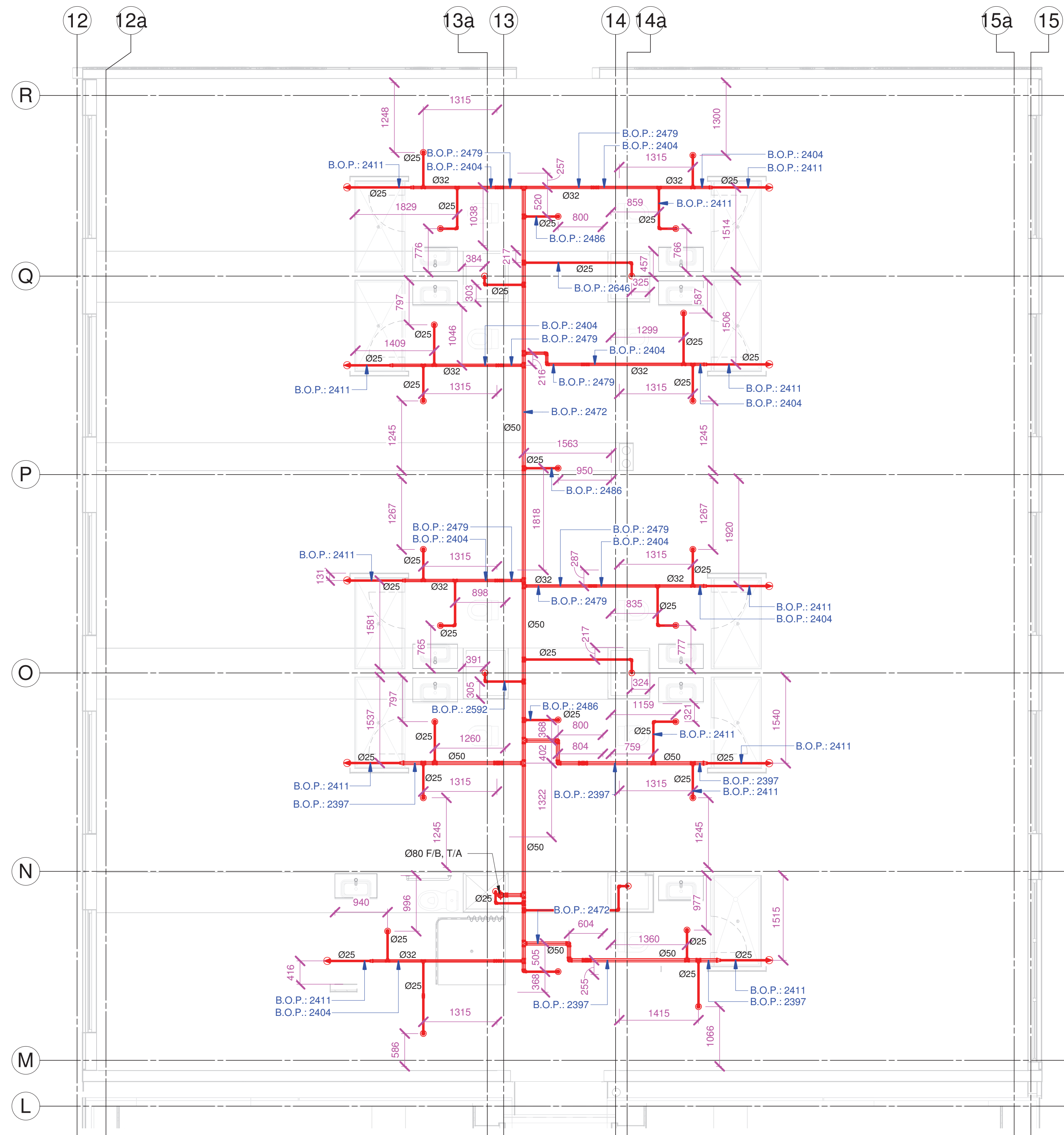
2 GROUND FLOOR POWER PLAN
E12 1:50 @A1

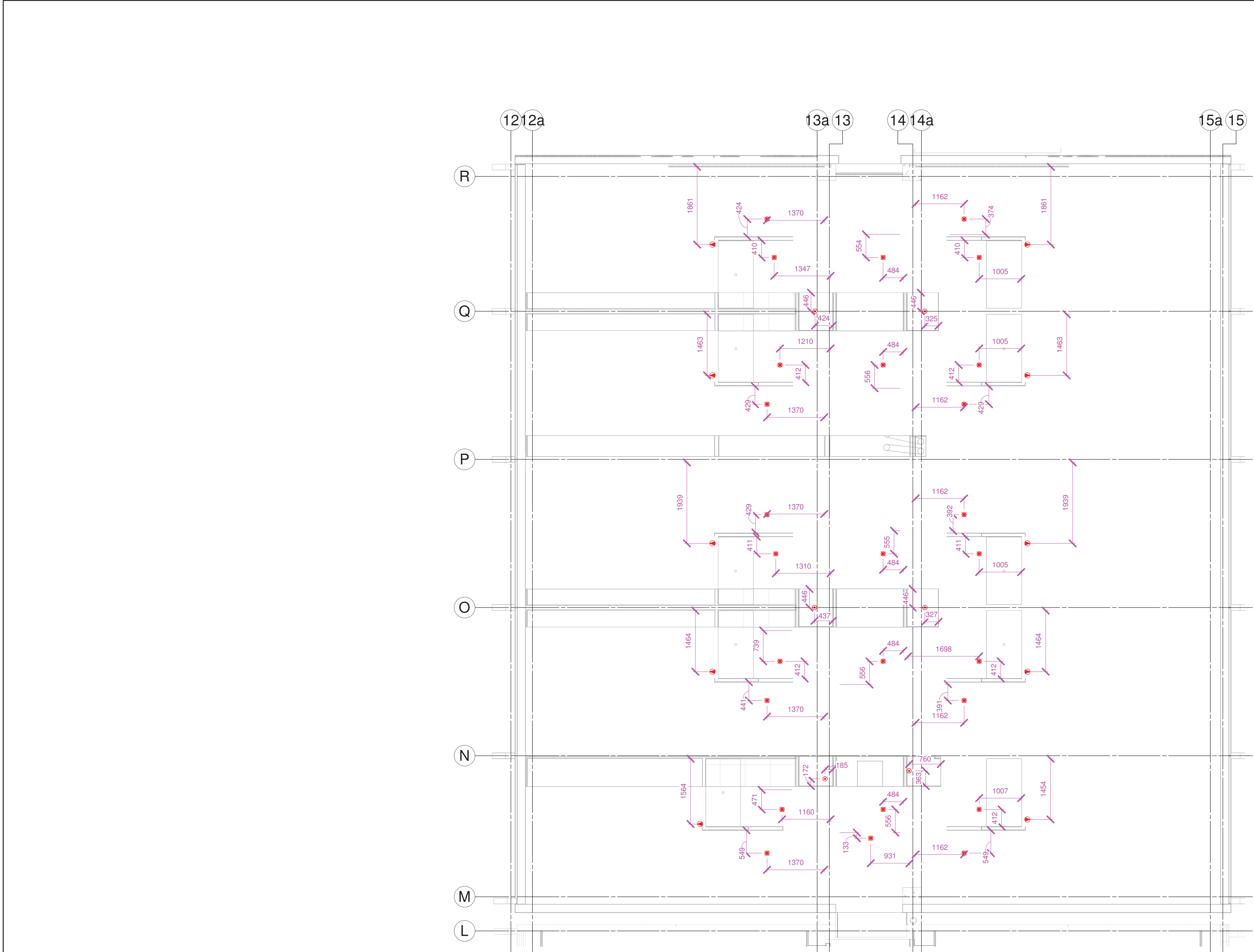


This architectural floor plan depicts a section of a hotel building, specifically a wing containing rooms 105 through 115. The layout is organized into a grid with vertical grid lines labeled 12, 12a, 13a, 13, 14, 14a, and 15a, and horizontal grid lines labeled M, N, O, P, Q, and R. The plan shows a series of rooms, each with a specific label: ROOM 105 ACCESS, ROOM 106 TWIN, ROOM 107 KING, ROOM 108 TWIN, ROOM 109 KING, ROOM 110 TWIN, ROOM 111 KING, ROOM 112 TWIN, ROOM 114 KING, and ROOM 115 TWIN. Each room is accompanied by a bathroom (BATH) and a dressing area (D.). The plan is heavily annotated with dimension lines indicating room sizes, corridor widths, and other spatial measurements. A central corridor is labeled 'CORRIDOR'. An 'ACCESS' point is marked near ROOM 105. A '100mm BUS DUCT RISER F/B - T/A' is located near the bottom center. The plan also shows various doors, windows, and furniture layouts within the rooms.

REVISION
A







ITEM	DESCRIPTION	NO OFF
	15MM-68 °C-HSW-RES-SPRINKLER-WHITE K=8.36 VK460	10
	15MM-68 °C-SSP-RES-SPRINKLER-WHITE K=6.2 VK430	24
	15MM-68 °C-SSP-SPRINKLER-BRASS K=8	6

NOTES:

- PIPES RUN AT 60 CENTRE BELOW SLAB
- SIDEWALLS MUST BE HARD PIPED FOR HYDRULIC REASON
- FLEXIBLE DROPPERS. FLEXIFIRE. MAX 1200 LONG. EQUIVALENT LENGTH=9.0M. MAX 3 BENDS. MIN RADIUS=175MM. INSTALL AS PER DATA SHEET

DESIGN PARAMETERS

- APARTMENTS-ELH DUTY=237L/MIN@318KPA

SHEET LIST				
SHEET NUMBER	SHEET NAME	REVISION	REVISION DATE	CURRENT REVISION DESCRIPTION
D000	COVER PAGE & SHEET LIST			
D001	LEGENDS	A	02.04.19	LEGEND ISSUED FOR APPROVAL
D100	GROUND FLOOR DRAINAGE LAYOUT	A	02.04.19	GROUND FLOOR DRAINAGE SHOP DRAWING - ISSUED FOR APPROVAL
D200	FIRST FLOOR DRAINAGE LAYOUT	A	02.04.19	FIRST FLOOR DRAINAGE SHOP DRAWING - ISSUED FOR APPROVAL
D300	SECOND FLOOR DRAINAGE LAYOUT	A	02.04.19	SECOND FLOOR DRAINAGE SHOP DRAWING - ISSUED FOR APPROVAL
D400	THIRD FLOOR DRAINAGE LAYOUT	A	02.04.19	THIRD FLOOR DRAINAGE SHOP DRAWING - ISSUED FOR APPROVAL
D500	FOURTH FLOOR DRAINAGE LAYOUT	A	02.04.19	FOURTH FLOOR DRAINAGE SHOP DRAWING - ISSUED FOR APPROVAL
D600	ROOF FLOOR DRAINAGE LAYOUT	A	02.04.19	ROOF FLOOR DRAINAGE SHOP DRAWING - ISSUED FOR APPROVAL
W100	BASEMENT WATER SUPPLY LAYOUT	A	02.04.19	BASEMENT WATER SUPPLY SHOP DRAWING - ISSUED FOR APPROVAL
W200	GROUND FLOOR WATER SUPPLY LAYOUT	A	02.04.19	GROUND FLOOR WATER SUPPLY SHOP DRAWING - ISSUED FOR APPROVAL
W300	FIRST FLOOR WATER SUPPLY LAYOUT	A	02.04.19	FIRST FLOOR WATER SUPPLY SHOP DRAWING - ISSUED FOR APPROVAL
W400	SECOND FLOOR WATER SUPPLY LAYOUT	A	02.04.19	SECOND FLOOR WATER SUPPLY SHOP DRAWING - ISSUED FOR APPROVAL
W500	THIRD FLOOR WATER SUPPLY LAYOUT	A	02.04.19	THIRD FLOOR WATER SUPPLY SHOP DRAWING - ISSUED FOR APPROVAL
W600	FOURTH FLOOR WATER SUPPLY LAYOUT	A	02.04.19	FOURTH FLOOR WATER SUPPLY SHOP DRAWING - ISSUED FOR APPROVAL
W700	ROOF FLOOR WATER SUPPLY LAYOUT	A	02.04.19	ROOF FLOOR WATER SUPPLY SHOP DRAWING - ISSUED FOR APPROVAL
W800	ENLARGED PLAN OF WATER SUPPLY UNIT (TYP.)	A	02.04.19	ENLARGED PLAN OF WATER SUPPLY UNIT - ISSUED FOR APPROVAL
W801	ENLARGED PLAN OF DRAINAGE SERVICES (TYP.)	A	02.04.19	ENLARGED PLAN OF DRAINAGE SERVICES - ISSUED FOR APPROVAL



HYDRAULIC SERVICES



Address

7 Alma Street,Hamilton 3204, New Zealand

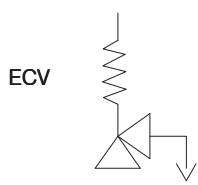
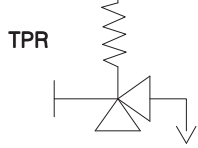
Job Number

Job No. 60654

ABBREVATIONS :-

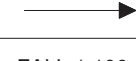
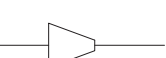
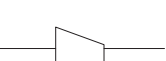
AAV : Air Admittance Valve
AFFL : Above Finished Floor Level
A/G : Above Ground
B : Bath
BDT : Bidet
BFFL : Below Finished Floor Level
BFP : Back Flow Preventer
BIFO : Blucher Industrial Floor Outlet
BO : Balcony Outlet
B.O.P. : Bottom of Pipe
BSK : Bar Sink
CD : Condensate Drain
CE : Cleaning Eye
COS : Clear Out to Surface
CP : Catch Pit
CSP : Cess Pit
Cu : Copper
CW : Cold Water
CWEX : Cold Water Expansion Valve
CWR : Cold Water Riser
DCV : Couble Check Valve
DCW : Domestic Cold Water
DD : Dish Drawer
DF : Drinking Fountain
DHW : Domestic Hot Water
DHWF :Domestic Hot Water Flow
DHWR : Domestic Hot Water Return
DN : Diameter of Pipe - Nominal
DP : Down Pipe
DW : Dish Washer
EX : Existing
F/A : From Above
F/B : From Below
FFL : Finished Floor Level
FGL : Finished Ground Level
FH : Fire Hydrant
FHR :Fire Hose Reel
FWG :Floor Waste Gully
GIT :Grease Interceptor Trap
GV : Group Vent
GVB : Group Vented Branch
GW : Glass Washer
HB : Hand Basin
HCVB : Hose Connection Vacuum Breaker
HDPE : High Density Polyethylene
HR : Hose Reel
HT : Hose Tap (Cold Water)
HW : Hot Water
HWC : Hot Water Cylinder (Electric)
HWD : Hot Water Dropper
HWEX : Hot Water Expansion Valve
HWHT : Hot Water Hose Tap
HWU : Hot Water Unit (Gas)
IB : Inspection Bend
IJ : Inspection Joint
IL : Invert Level
IO : Inspection Opening
IV : Isolation Valve

LS : Line Strainer
LT : Laundry Tub
MDPE : Medium Density Polyethylene
MH : Manhole
MS : Mains Supply
NPCW : Non-Potable Cold Water
NPHW : Non Potable Hot Water
NRV : Non-Return Valve
PRV : Pressure Regulating Valve
O/F : Over Flow
ORG : Overflow Relief Gulley
OS&Y : Outside Screw and Yoke
PBO : Planter Box Outlet
PE : Polyethylene
PEX : Cross Linked Polyethylene
PLV : Pressure Limiting Valve
RL : Reduced Level
RP : Rodding Point
RPZ : Reduced Pressure Zone (BFP)
RRJ : Rubber Ring Jointed
RWH : Rain Water Head
RWO : Rain Water Outlet
RWS : Rain Water Sump
SDO : Spoon Drain Outlet
STR : Strainer
SH : Soak Hole
S : Sanitary Pipe
SK : Sink
SLS : Sluice Sink
SLV : Sluice Valve
S/S : Stainles Steel
SS : Sanitary Sewer
SSMH : Sanitary Sewer Manhole
SU : Stub Up
SV :Stop Valve
SW : Storm Water
SWMH : Storm Water Manhole
T/A : To Above
T/B : To Below
TD : Tundish
TV : Terminal Vent
TVS : Tempering Valve set 3-Way
U/G : Under Ground
UGT : Under Bench Grease Trap
UR : Urinal
V/A : Valve Assembly
VCP :Vitrified Clay Pipe
VHB :Vanity Hand Basin
VP :Vent Pipe
W&T : Waste and Trap
WBU : Water Boiling Unit
WC : Water Closet
WHB : Wash Hand Basin
WM : Washing Machine
WP : Water Pipe

DHWS : DOMESTIC HOT WATER SUPPLY
DHWR : DOMESTIC HOT WATER RETURN
DCW : DOMESTIC COLD WATER SUPPLY
TWS : TEMPERED WATER SUPPLY
 ISOLATION VALVE
 ISOLATING VALVE NORMALLY CLOSED
 STRAINER
 NON-RETURN VALVE
 PRESSURE LIMITING VALVE/
PRESSURE REDUCING VALVE
 EXPANSION CONTROL VALVE
 TEMPERATURE/PRESSURE RELIEF VALVE
 FLOOR TRAP

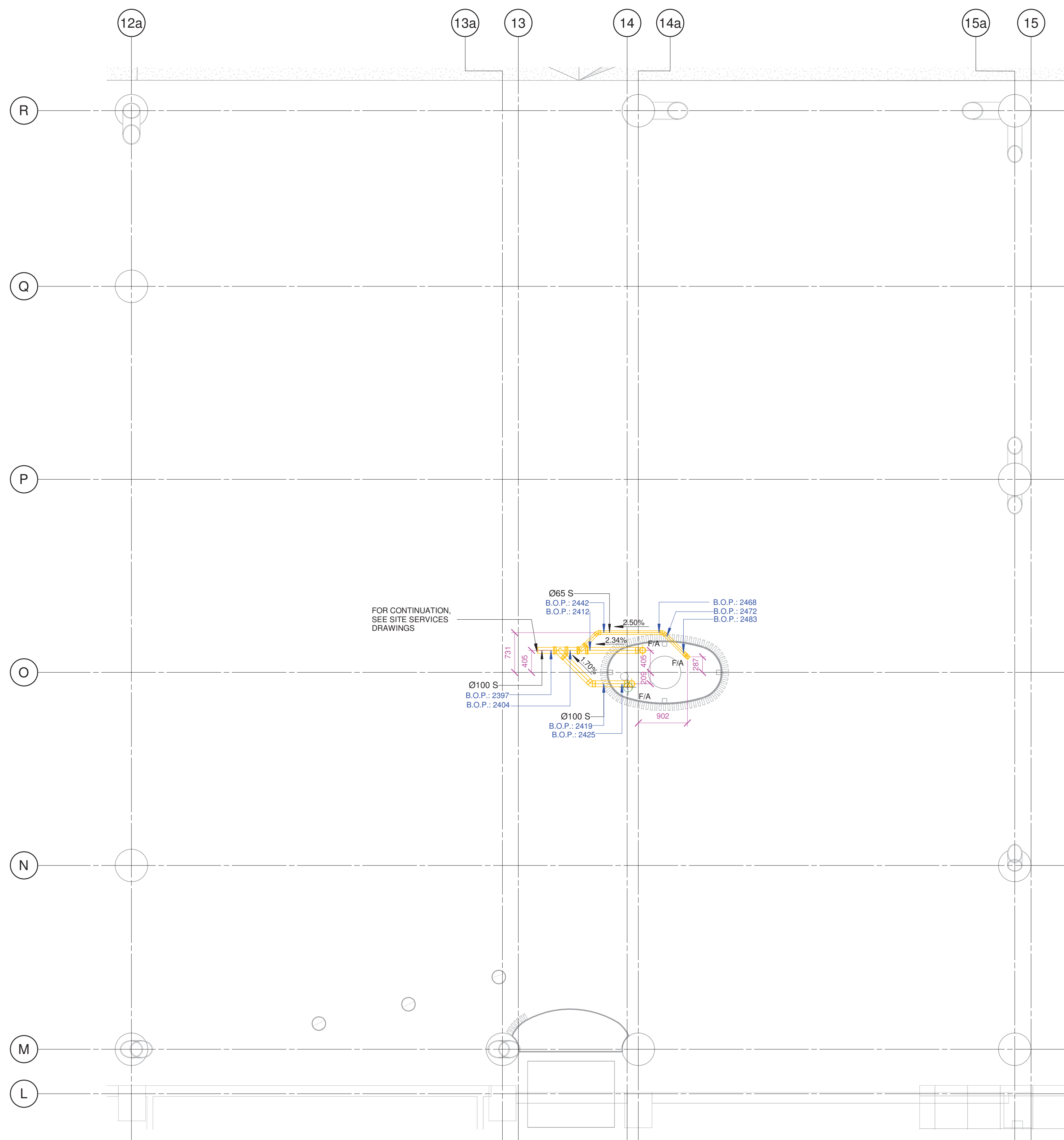
 TEMPERING VALVE SET
COPRISING A 3-WAY TEMPERING
VALVE WITH AN ISOLATING VALVE
AND NON-RETURE VALVE ON THE
COLD AND HOT INLETS.LABEL
INDICATES SIZE AND MIXED
WATER TEMPERATURE TO BE SET.

OPERATIONS:

 : Direction of Flow
 : Pipe Fall
FALL:1:100
 : Concentric Reducer
 : Eccentric Reducer

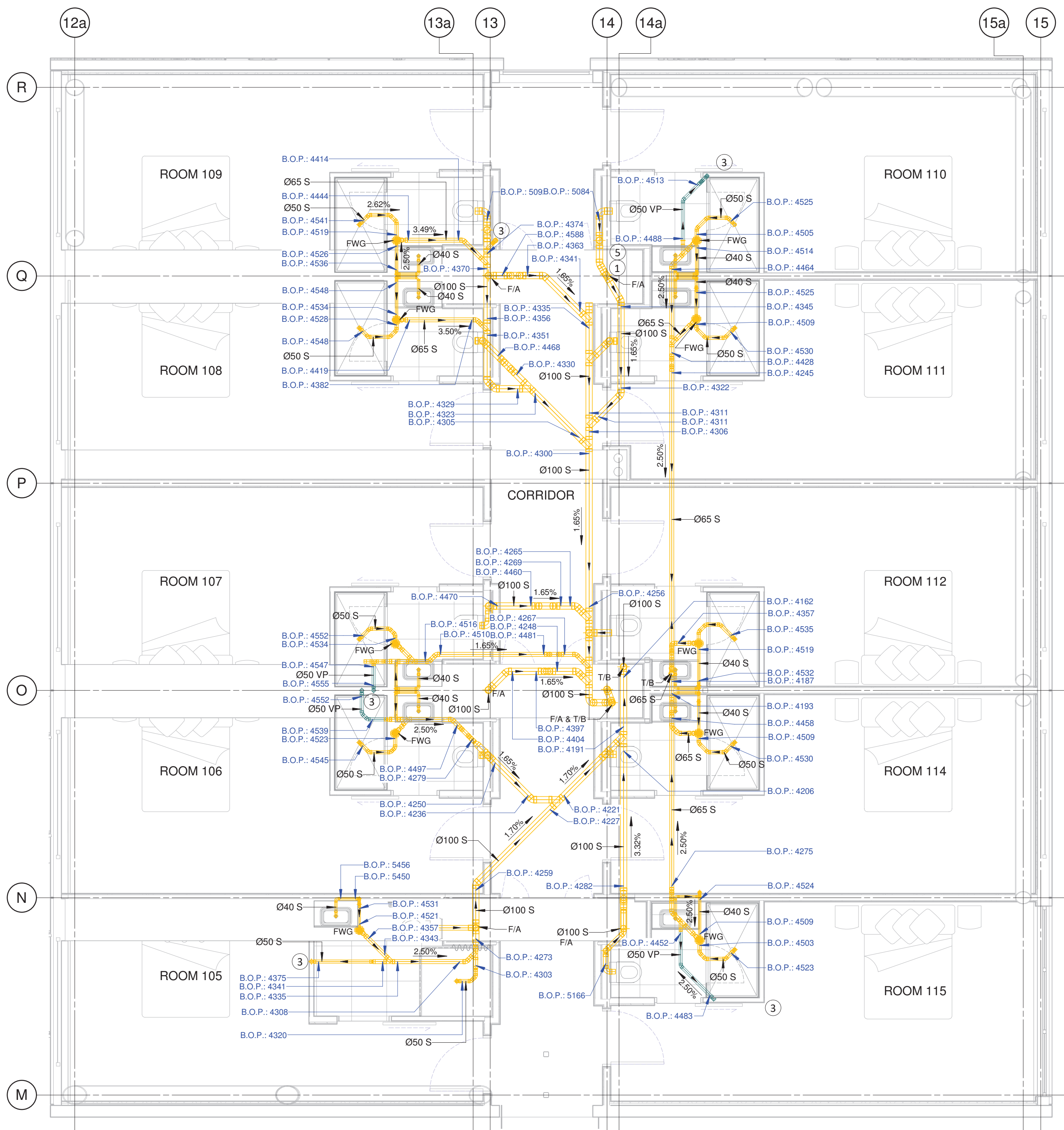
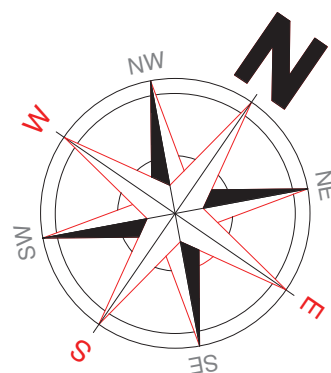
COLOR LEGENDS:

 SANTARY PIPE
 DOMESTIC COLD WATER SUPPLY
 DOMESTIC HOT WATER SUPPLY
 DOMESTIC HOT WATER RETURN / TEMPERED WATER

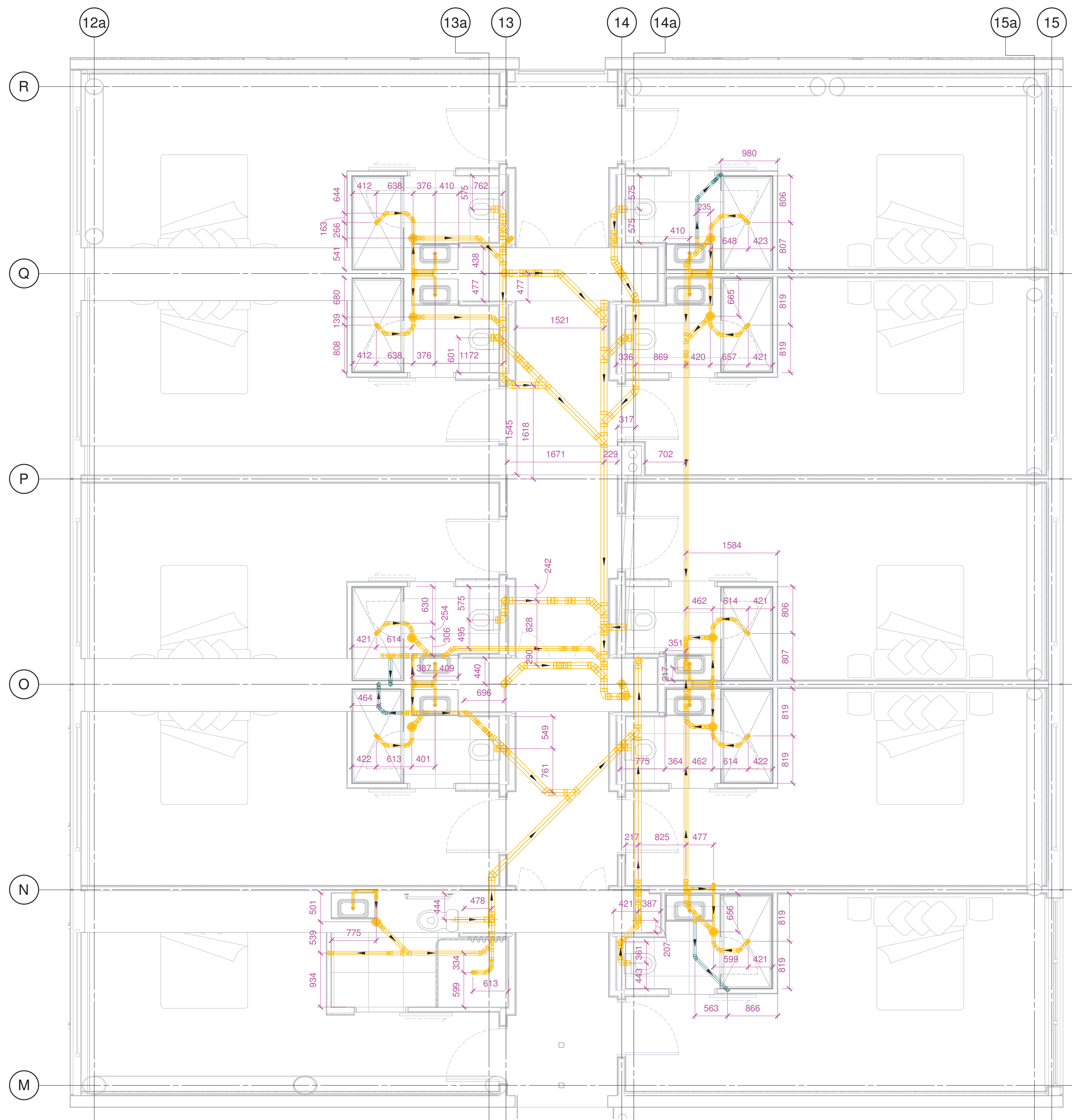


1. ALL SANITARY DRAINAGE INSTALLATION SHALL BE IN ACCORDANCE WITH AS/NZS 3500.2
2. ALL FIXTURE WASTE PIPES/VENT PIPES SHALL DROP TO UNDERSLAB CONCEALED WITHIN FRAMED WALLS/WALL STRAPPING, UNLESS SHOWN OTHERWISE.
3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE HYDRAULIC SERVICES SPECIFICATION.
4. FOR DIMENSIONAL AND CONSTRUCTION DETAILS OF THE BUILDING REFER TO ARCHITECTURAL DRAWING CHECK ALL DIMENSIONS AND LOCATIONS ON SITE PRIOR TO MANUFACTURE.
5. ALL THE PIPES B.O.P (BOTTOM OF PIPE) AND IL (INVERT LEVEL) ARE CONSIDERING THE BASEMENT FLOOR LEVEL REFERENCE AS +0.00

DRAWING TITLE		
GROUND FLOOR DRAINAGE LAYOUT		
SCALE @ A1 1 : 50	SCALE @ A3	
JOB NO. 60654	DRAWING NO. D100	REVISION A



1 FIRST FLOOR DRAINAGE ANNOTATION LAYOUT
W800 1 : 50 @A1



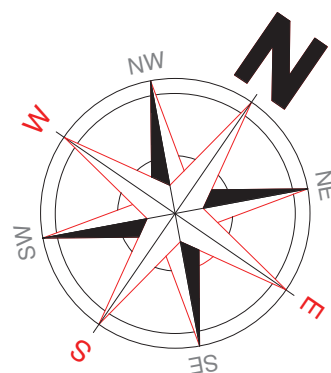
2 FIRST FLOOR DRAINAGE DIMENSIONS LAYOUT
W800 1 : 50 @A1

NOTES

- Ø100mm SANITARY DRAIN FROM ABOVE C/W STUDOR P.A.PA TO BE INSTALLED ACCORDING TO MANUFACTURERS REQUIREMENTS AND ACCESS PANELS.
- Ø100mm SANITARY DRAIN FROM ABOVE TO BELOW.
- Ø50mm DRAIN VENT TO CEILING SPACE AND TERMINATE WITH AIR ADMITTANCE VALVE.
- Ø100mm SANITARY DRAIN TO BELOW.
- CONDENSATE DRAINS FROM FCUs TO CONNECT TO COMMON RISER DRAIN AND DISCHARGE INTO TUNDISH PROVIDED AT LEVEL 1.

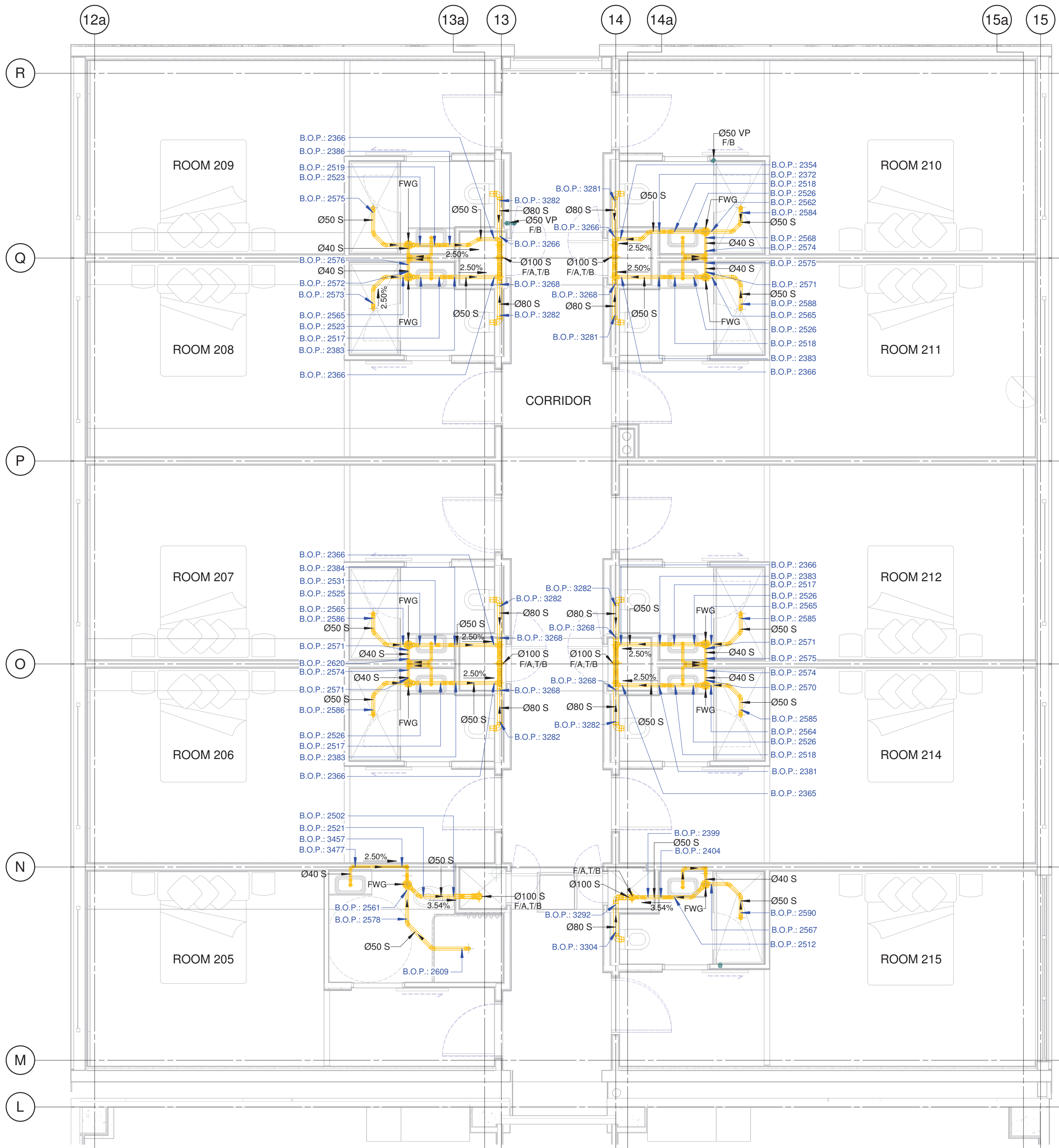
GENERAL NOTES

- ALL SANITARY DRAINAGE INSTALLATION SHALL BE IN ACCORDANCE WITH AS/NZS 3500.2
- ALL FIXTURE WASTE PIPES/VENT PIPES SHALL DROP TO UNDERSLAB CONCEALED WITHIN FRAMED WALLS/WALL STRAPPING, UNLESS SHOWN OTHERWISE.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE HYDRAULIC SERVICES SPECIFICATION.
- FOR DIMENSIONAL AND CONSTRUCTION DETAILS OF THE BUILDING REFER TO ARCHITECTURAL DRAWING. CHECK ALL DIMENSIONS AND LOCATIONS ON SITE PRIOR TO MANUFACTURE.
- ALL THE PIPES B.O.P (BOTTOM OF PIPE) AND IL (INVERT LEVEL) ARE CONSIDERING THE GROUND FLOOR LEVEL REFERENCE AS +0.00

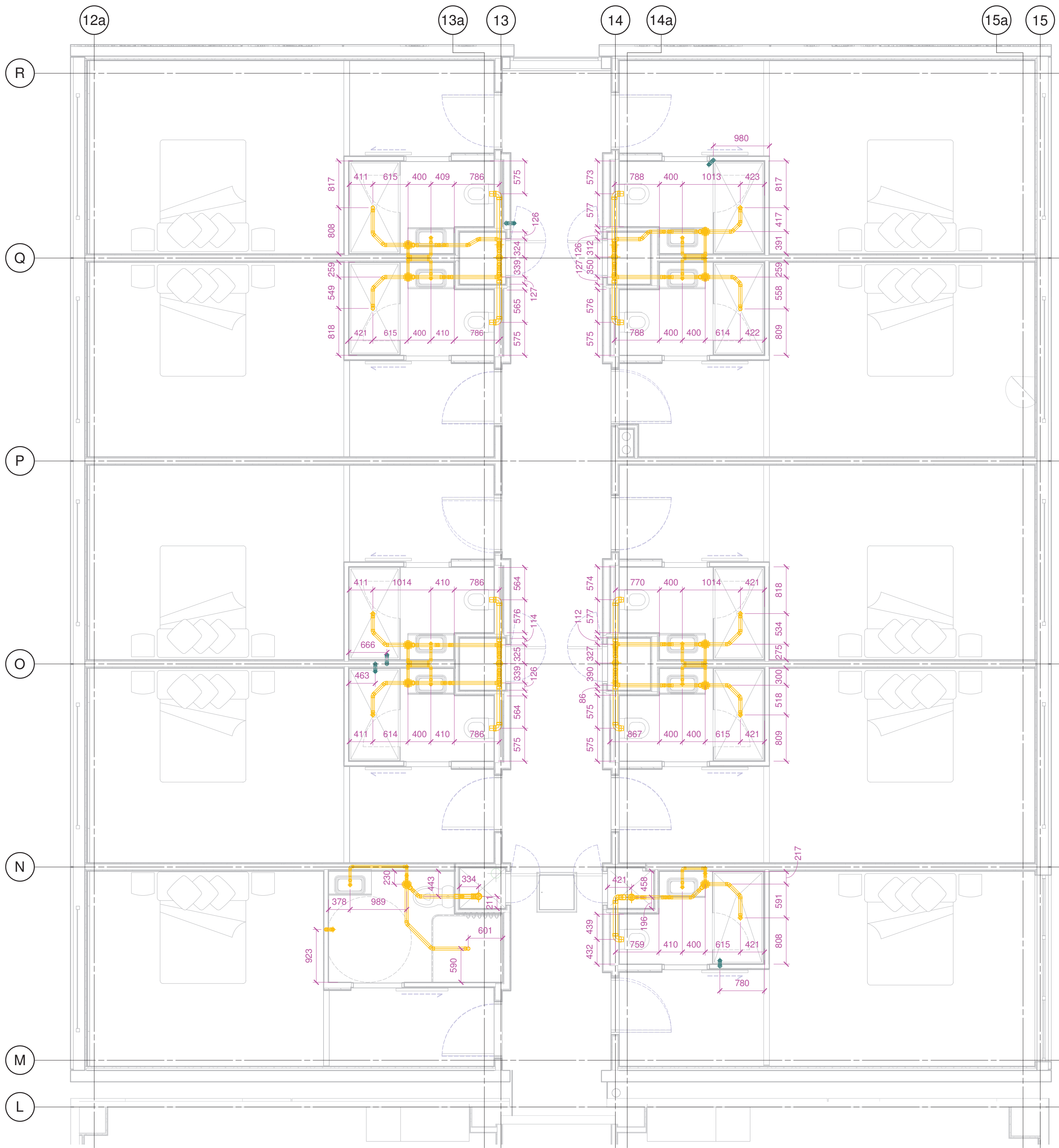


GENERAL NOTES

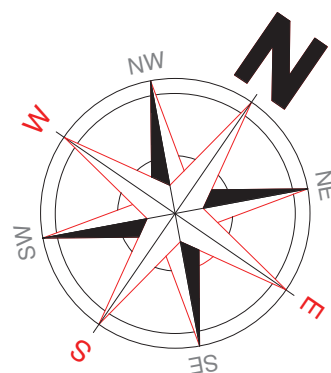
1. ALL SANITARY DRAINAGE INSTALLATION SHALL BE IN ACCORDANCE WITH AS/NZS 3500.2
2. ALL FIXTURE WASTE PIPES/VENT PIPES SHALL DROP TO UNDERSLAB CONCEALED WITHIN FRAMED WALLS/WALL STRAPPING, UNLESS SHOWN OTHERWISE.
3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE HYDRAULIC SERVICES SPECIFICATION.
4. FOR DIMENSIONAL AND CONSTRUCTION DETAILS OF THE BUILDING REFER TO ARCHITECTURAL DRAWING. CHECK ALL DIMENSIONS AND LOCATIONS ON SITE PRIOR TO MANUFACTURE.
5. ALL THE PIPES B.O.P (BOTTOM OF PIPE) AND IL (INVERT LEVEL) ARE CONSIDERING THE FIRST FLOOR LEVEL REFERENCE AS +0.00



1 SECOND FLOOR DRAINAGE ANNOTATION LAYOUT
W800 1 : 50 @A1

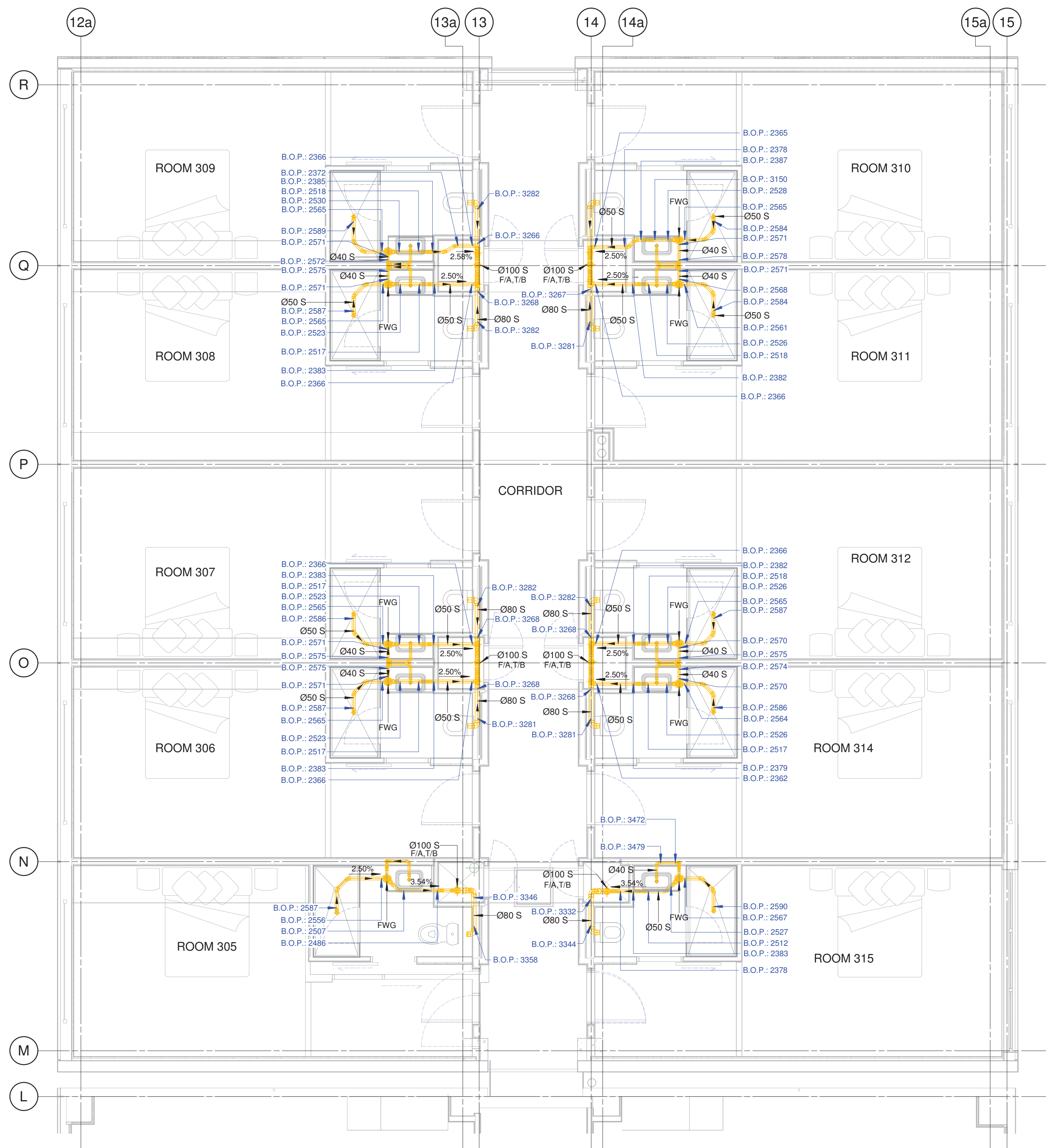


2 SECOND FLOOR DRAINAGE DIMENSIONS LAYOUT
W800 1 : 50 @A1

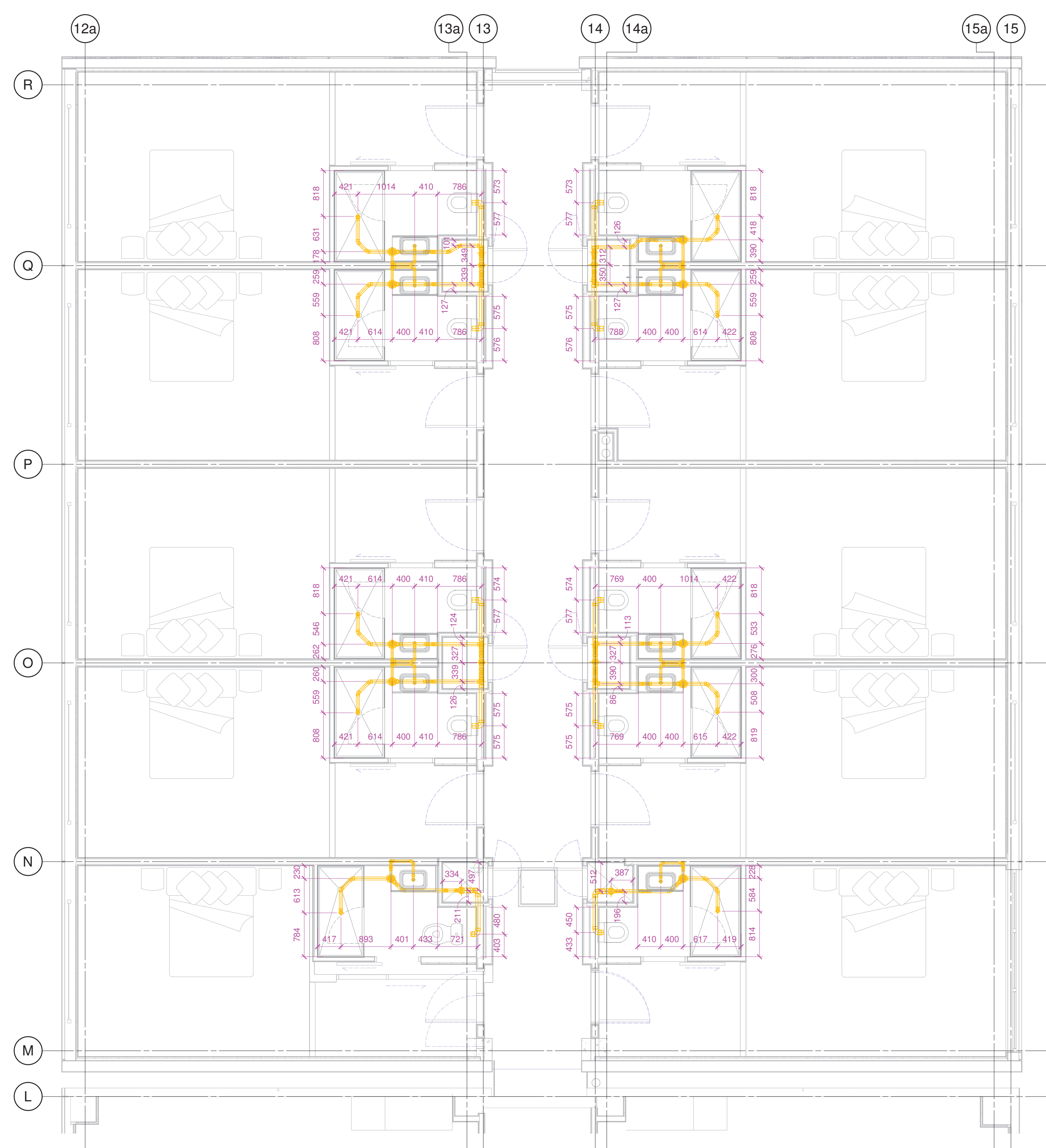


GENERAL NOTES

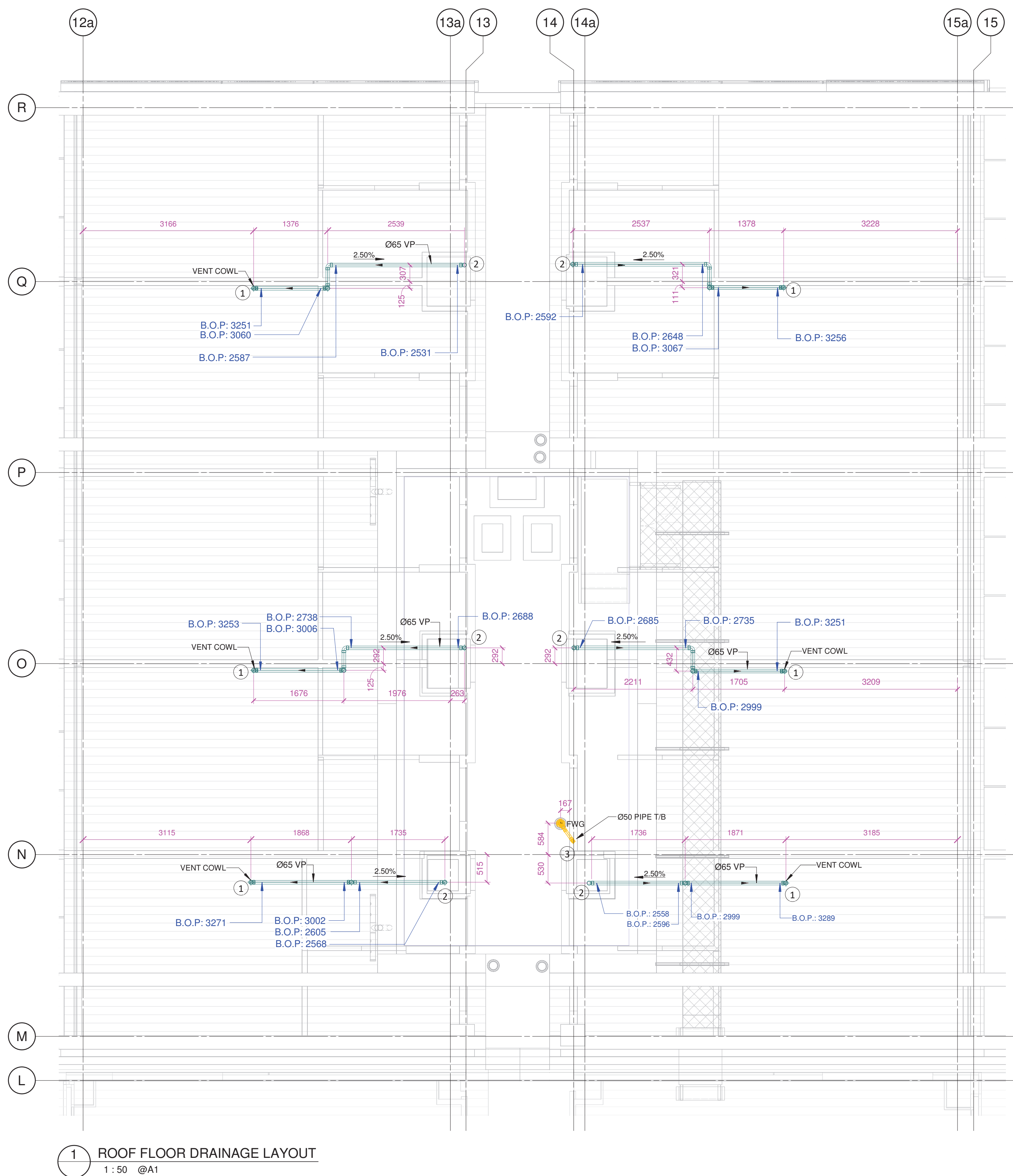
1. ALL SANITARY DRAINAGE INSTALLATION SHALL BE IN ACCORDANCE WITH AS/NZS 3500.2
2. ALL FIXTURE WASTE PIPES/VENT PIPES SHALL DROP TO UNDERSLAB CONCEALED WITHIN FRAMED WALLS/WALL STRAPPING, UNLESS SHOWN OTHERWISE.
3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE HYDRAULIC SERVICES SPECIFICATION.
4. FOR DIMENSIONAL AND CONSTRUCTION DETAILS OF THE BUILDING REFER TO ARCHITECTURAL DRAWING. CHECK ALL DIMENSIONS AND LOCATIONS ON SITE PRIOR TO MANUFACTURE.
5. ALL THE PIPES B.O.P. (BOTTOM OF PIPE) AND I.L. (INVERT LEVEL) ARE CONSIDERING THE SECOND FLOOR LEVEL REFERENCE AS +0.00



1 THIRD FLOOR DRAINAGE ANNOTATION LAYOUT
1 : 50 @A1

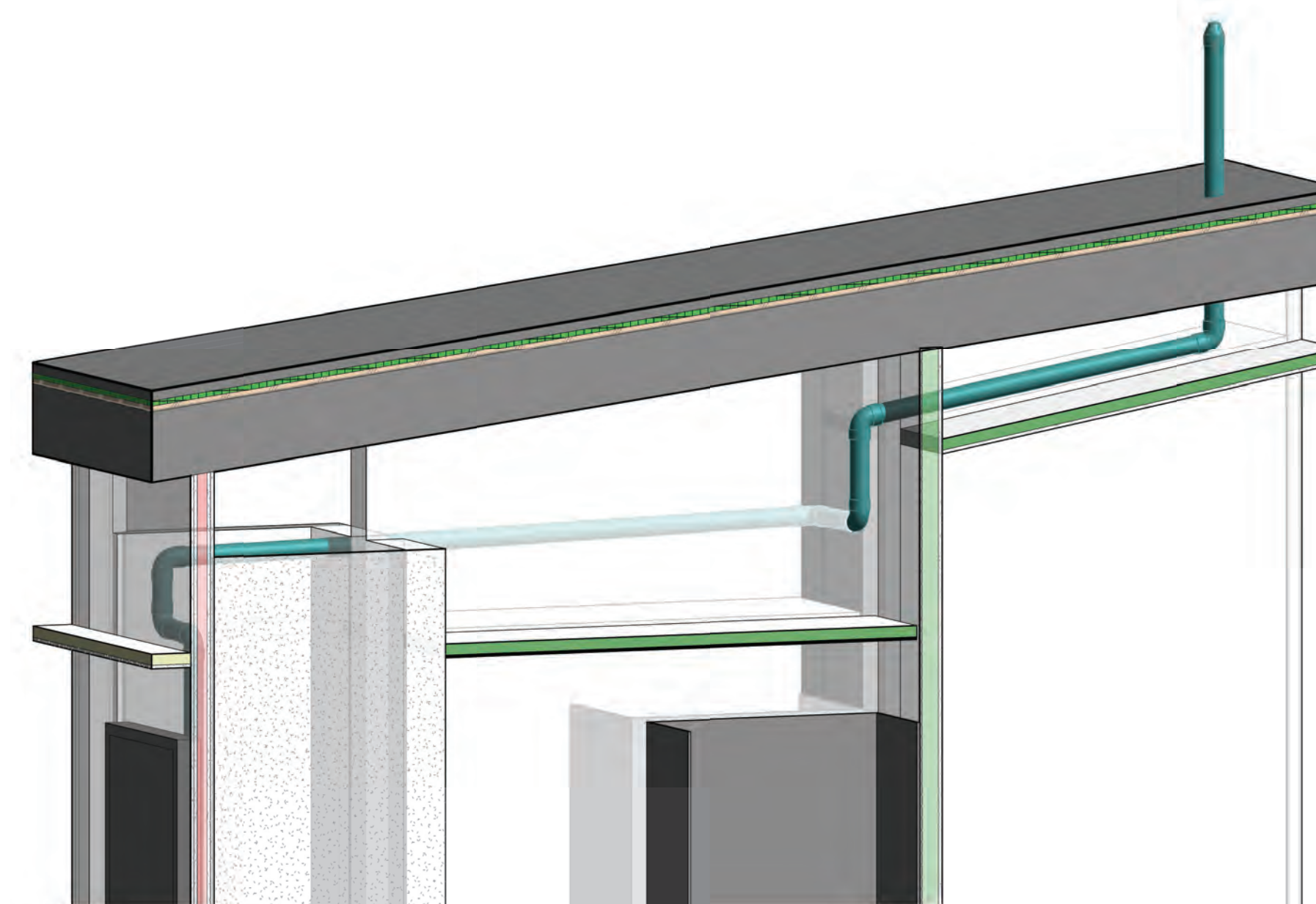


2 THIRD FLOOR DRAINAGE DIMENSIONS LAYOUT
1 : 50 @A1

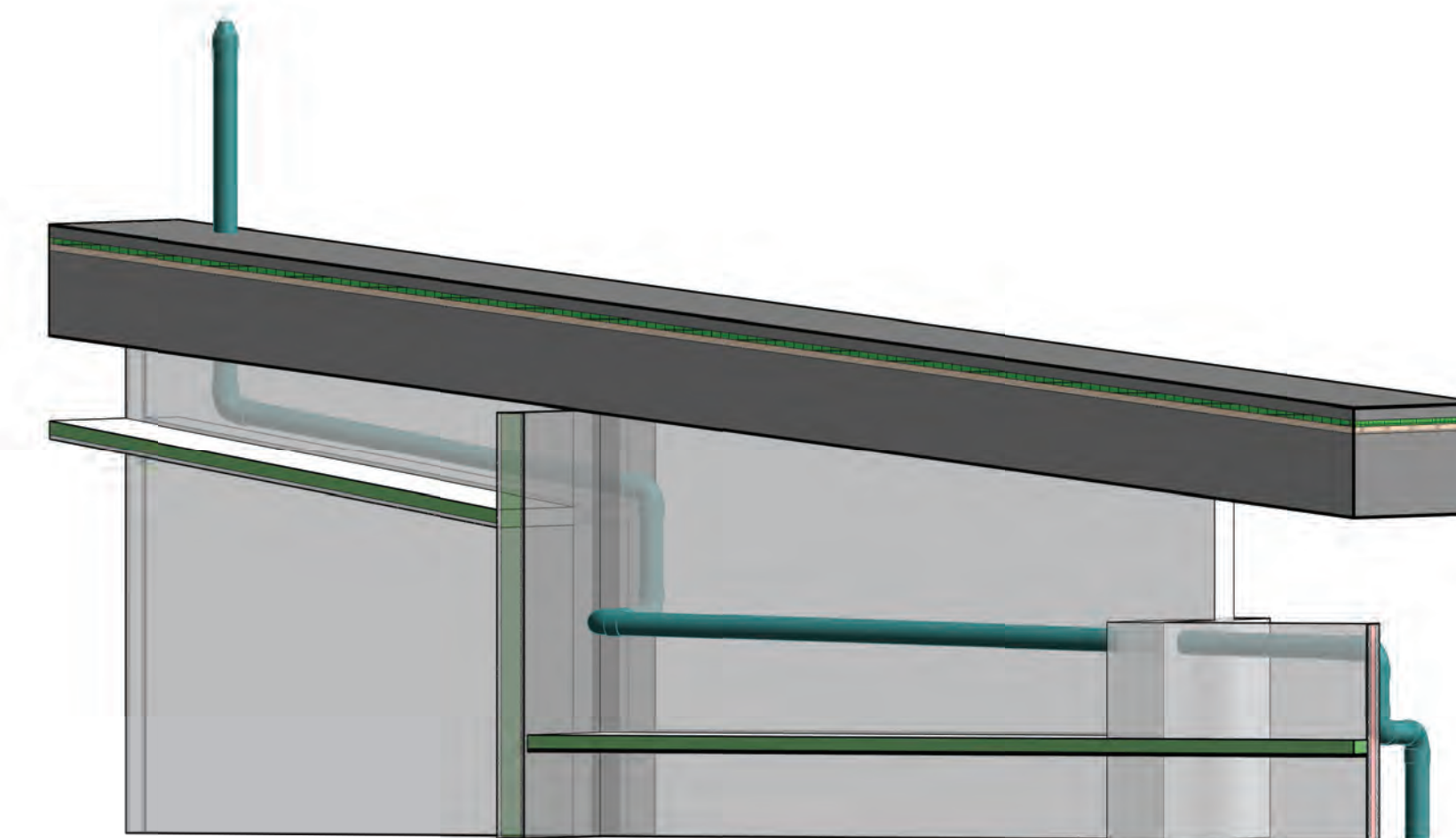


1. ALL SANITARY DRAINAGE INSTALLATION SHALL BE IN ACCORDANCE WITH AS/NZS 3500.2.
2. ALL FIXTURE WASTE PIPES/VENT PIPES SHALL DROP TO UNDERSLAB CONCEALED WITHIN FRAMED WALLS/WALL STRAPPING, UNLESS SHOWN OTHERWISE.
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4. FOR DIMENSIONAL AND CONSTRUCTION DETAILS OF THE BUILDING REFER TO ARCHITECTURAL DRAWING. CHECK ALL DIMENSIONS AND LOCATIONS ON SITE PRIOR TO MANUFACTURE.
5. ALL THE PIPES B.O.P (BOTTOM OF PIPE) AND IL (INVERT LEVEL) ARE CONSIDERING THE BASEMENT FLOOR LEVEL REFERENCE AS +0.00

1. Ø65mm VENT TO ROOF COWL
2. Ø65mm VENT FROM BELOW.
3. Ø50mm DRAIN TO BELOW.



2 VENT ROOF 3D VIEW 1
@A1



3 VENT ROOF 3D VIEW 2
@A1

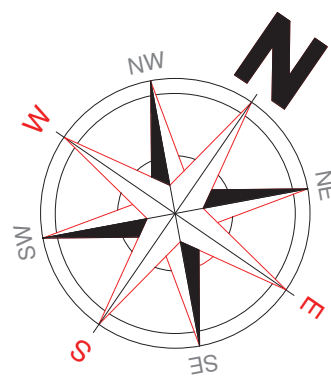


A	02.04.19	ROOF FLOOR DRAINAGE SHOP DRAWING - ISSUED FOR APPROVAL
REV	DATE	REVISION DESCRIPTION

	DATE	INITIAL
DESIGNED		
DRAWN	02-04-2019	RS
CHECKED	02-04-2019	TP
APPROVED	02-04-2019	TP
COPYRIGHT BAGGAGE CONSULTANTS LIMITED UNAUTHORISED COPYING PROHIBITED. DO NOT SCALE THIS DRAWING PLEASE REFER ALL QUERIES TO BAGGAGE CONSULTANTS LIMITED		

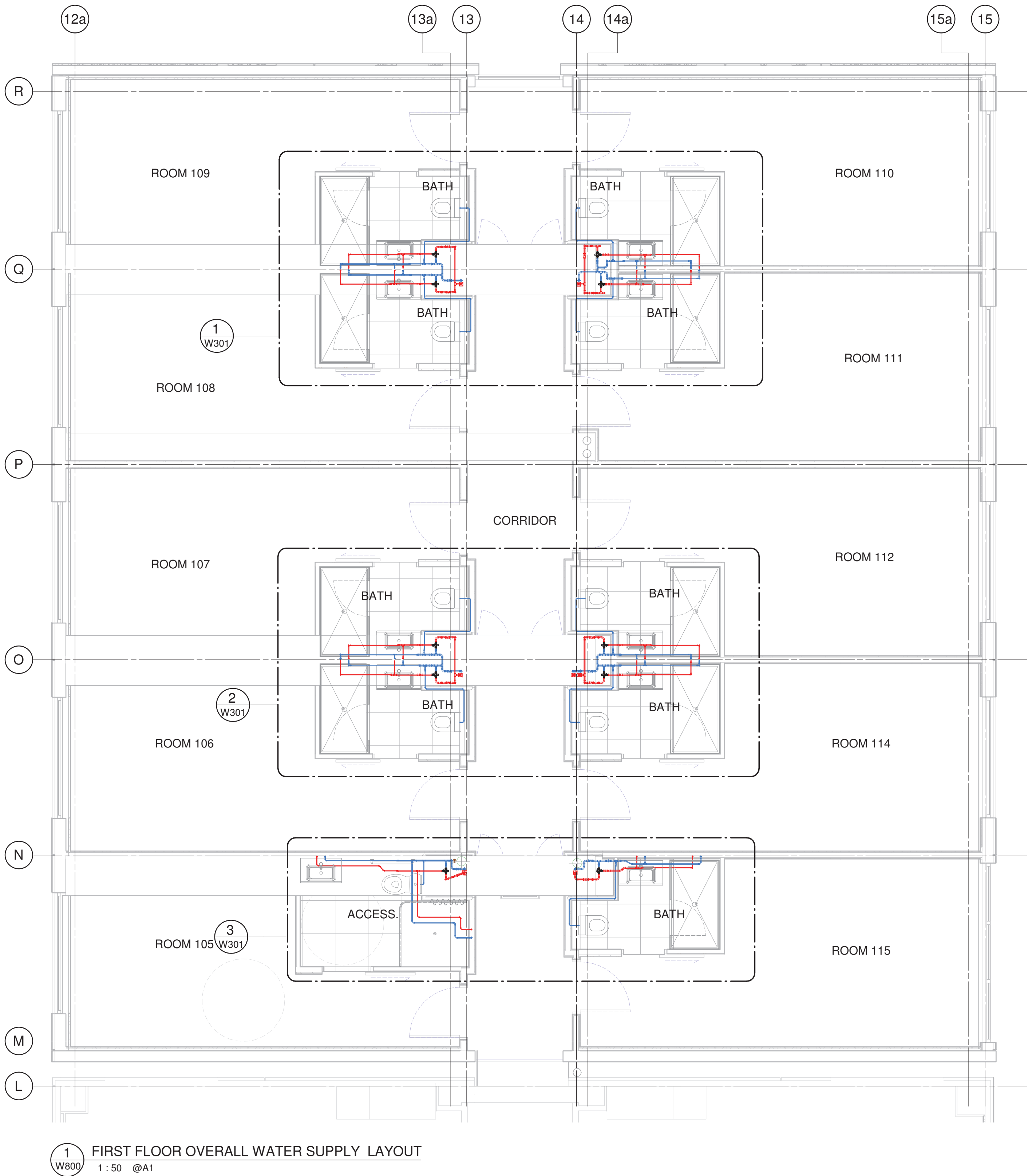
CLIENT / PROJECT / ADDRESS
7 Alma Street, Hamilton 3204, New Zealand

DRAWING TITLE		
ROOF FLOOR DRAINAGE LAYOUT		
SCALE @ A1 1 : 50	SCALE @ A3	
JOB NO. 60654	DRAWING NO. D600	REVISION A

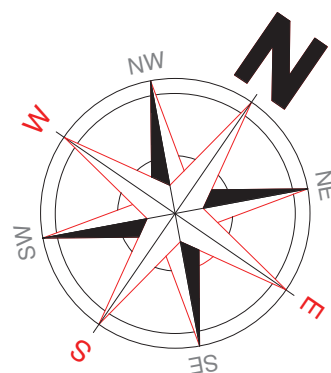


GENERAL NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE HYDRAULIC SERVICES SPECIFICATION.
2. FOR DIMENSIONAL AND CONSTRUCTIONAL DETAIL OF THE BUILDING REFER TO ARCHITECTURAL DRAWINGS.CHECK ALL DIMENSIONS AND LOCATION ON SITE PRIOR TO MANUFACTURE.
3. ALL THE PIPES B.O.P (BOTTOM OF PIPE) ARE CONSIDERING THE ASSOCIATED FLOOR LEVEL REFERENCE AS +0.00.

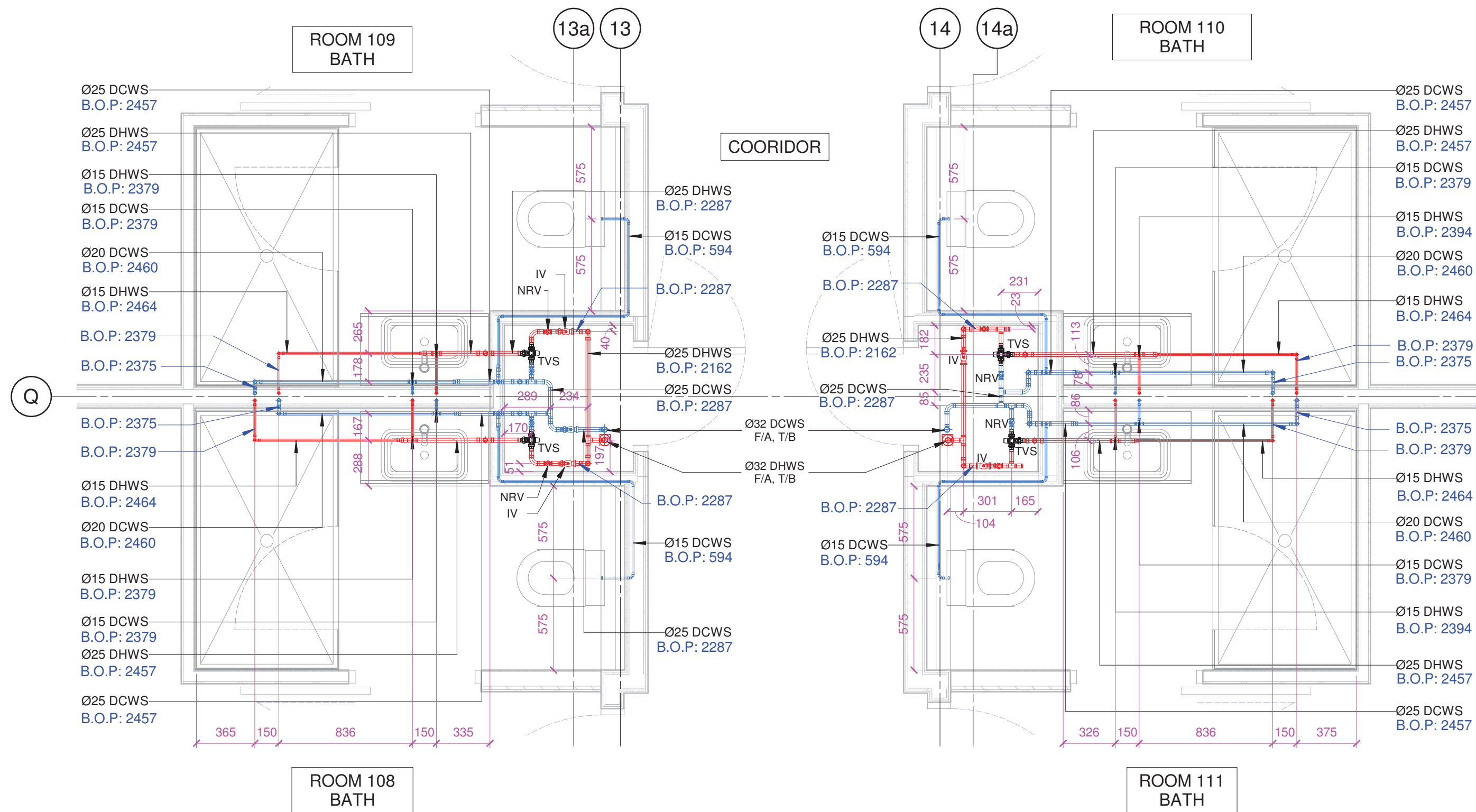


1 FIRST FLOOR OVERALL WATER SUPPLY LAYOUT
W800 1 : 50 @A1

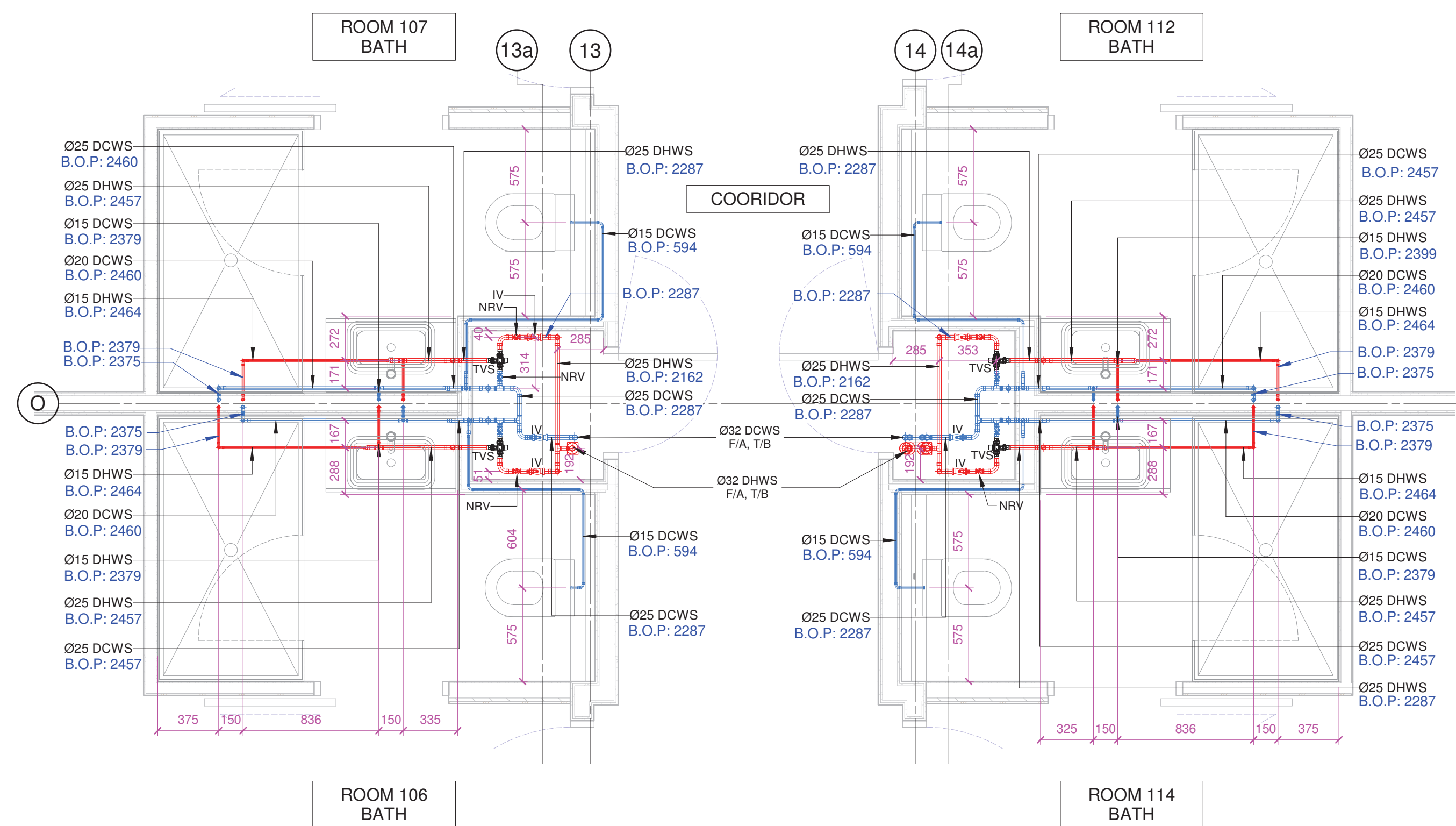


GENERAL NOTES

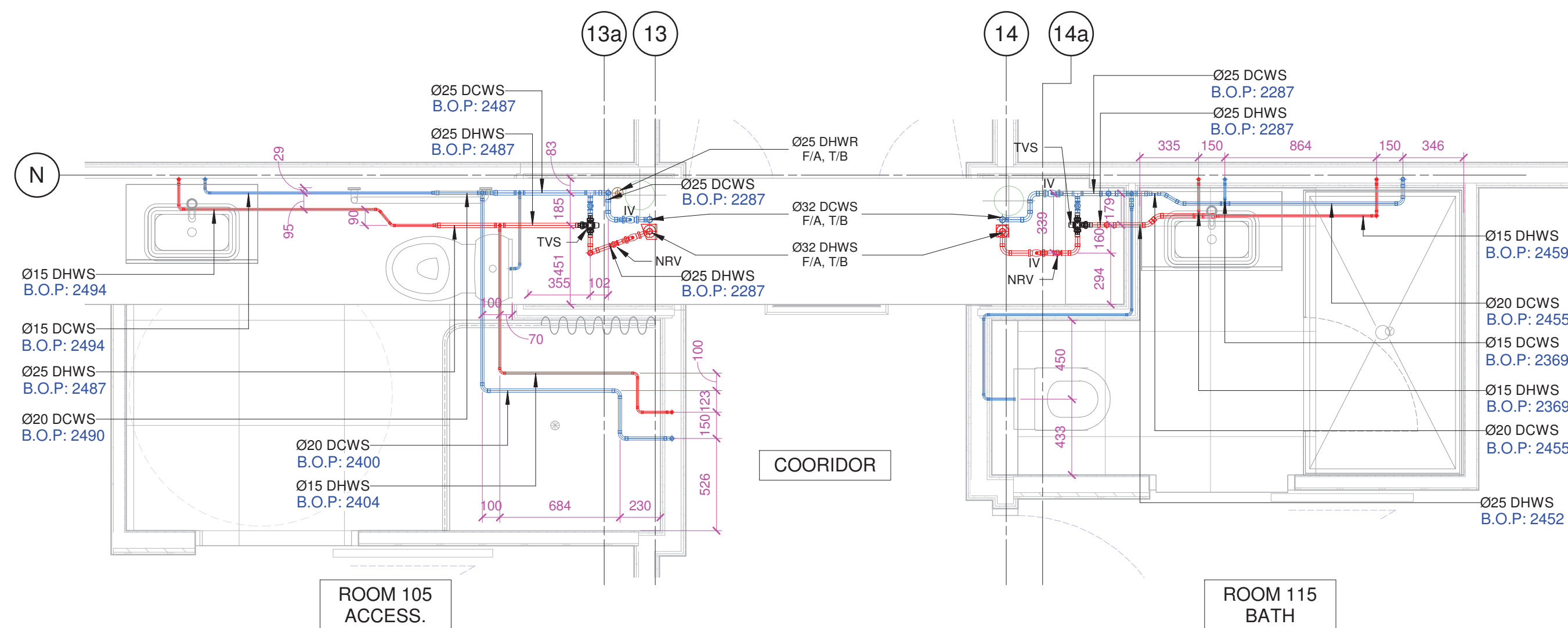
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE HYDRAULIC SERVICES SPECIFICATION.
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- ALL THE PIPES B.O.P (BOTTOM OF PIPE) ARE CONSIDERING THE ASSOCIATED FLOOR LEVEL REFERENCE AS +0.00.



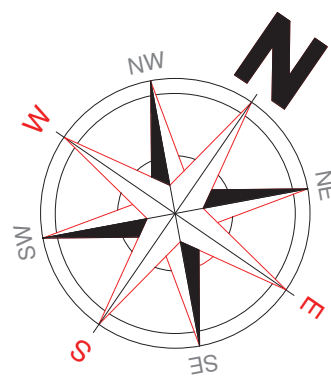
1 FIRST FLOOR ENLARGED PLAN 1
1 : 25 @A1



2 FIRST FLOOR ENLARGED PLAN 2
1 : 25 @A1

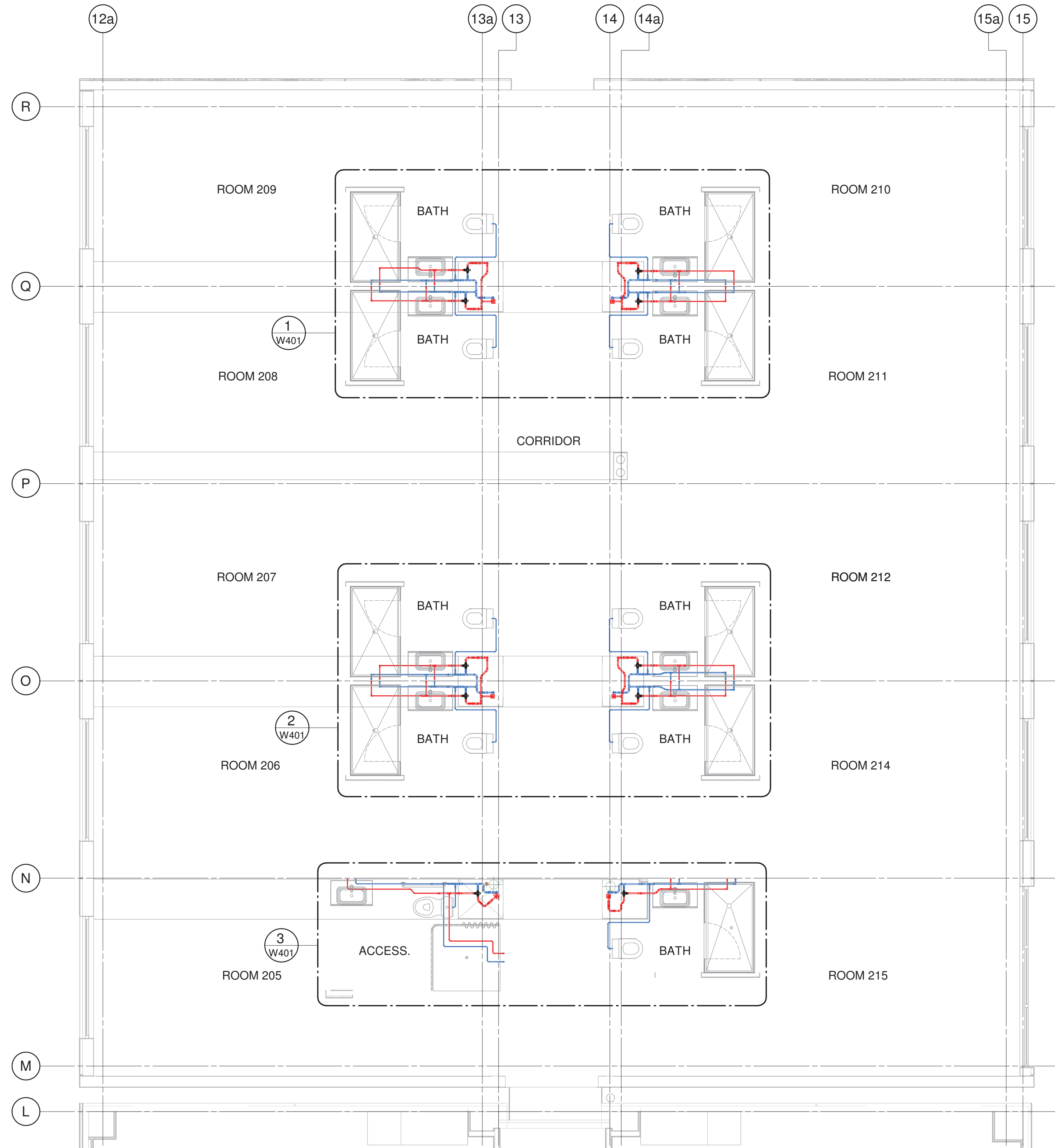


3 FIRST FLOOR ENLARGED PLAN 3
1 : 25 @A1

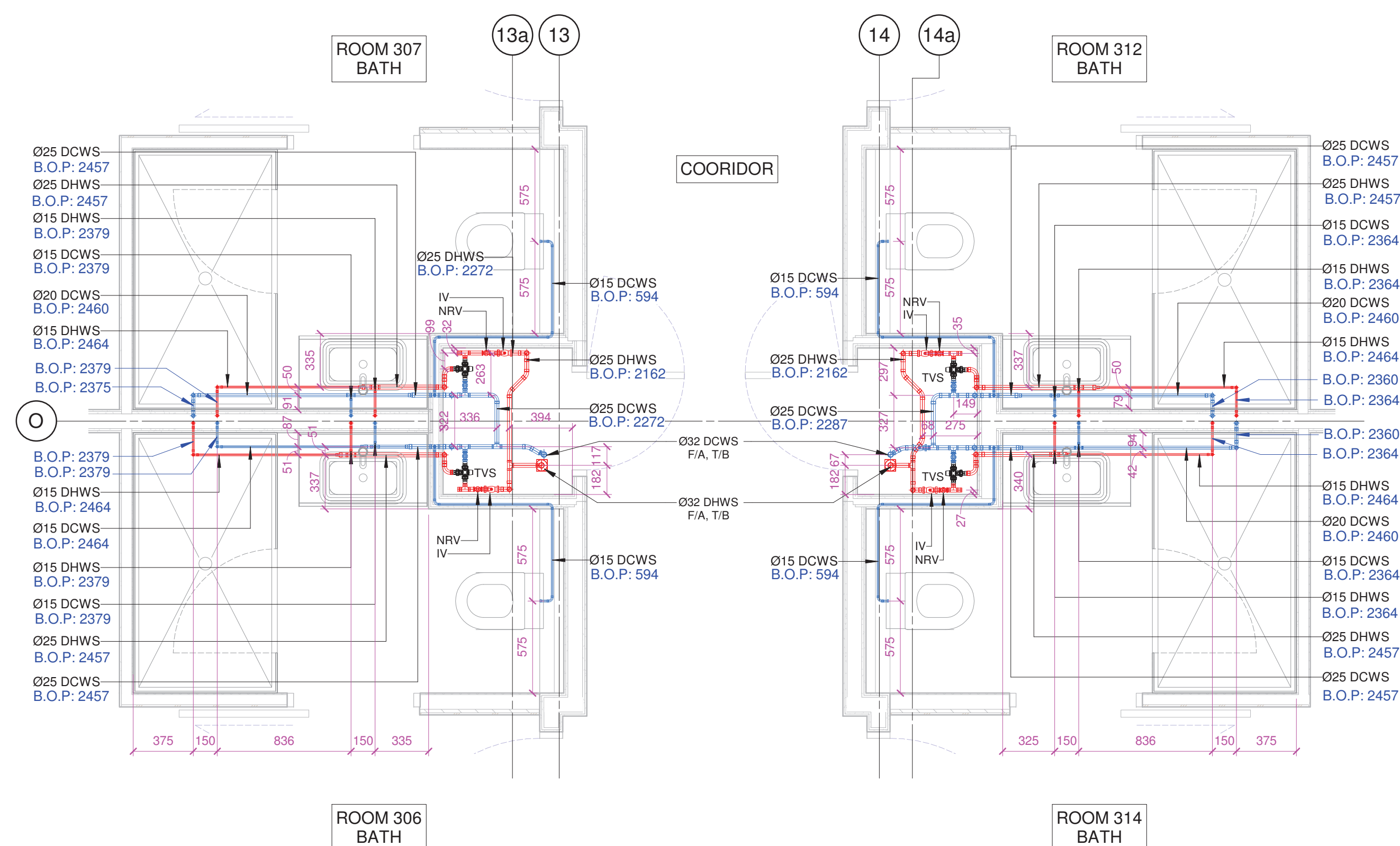
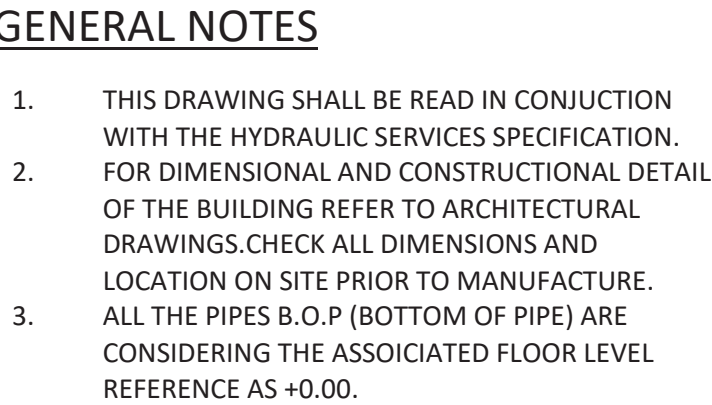


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1 SECOND FLOOR OVERALL WATER SUPPLY LAYOUT
W800 1 : 50 @A1



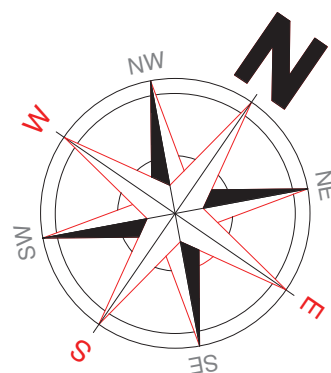
2 THIRD FLOOR ENLARGED PLAN 2
W500 1 : 25 @A1



	DATE	INITIAL
DESIGNED		
DRAWN	02-04-2019	RS
CHECKED	02-04-2019	TP
APPROVED	02-04-2019	TP
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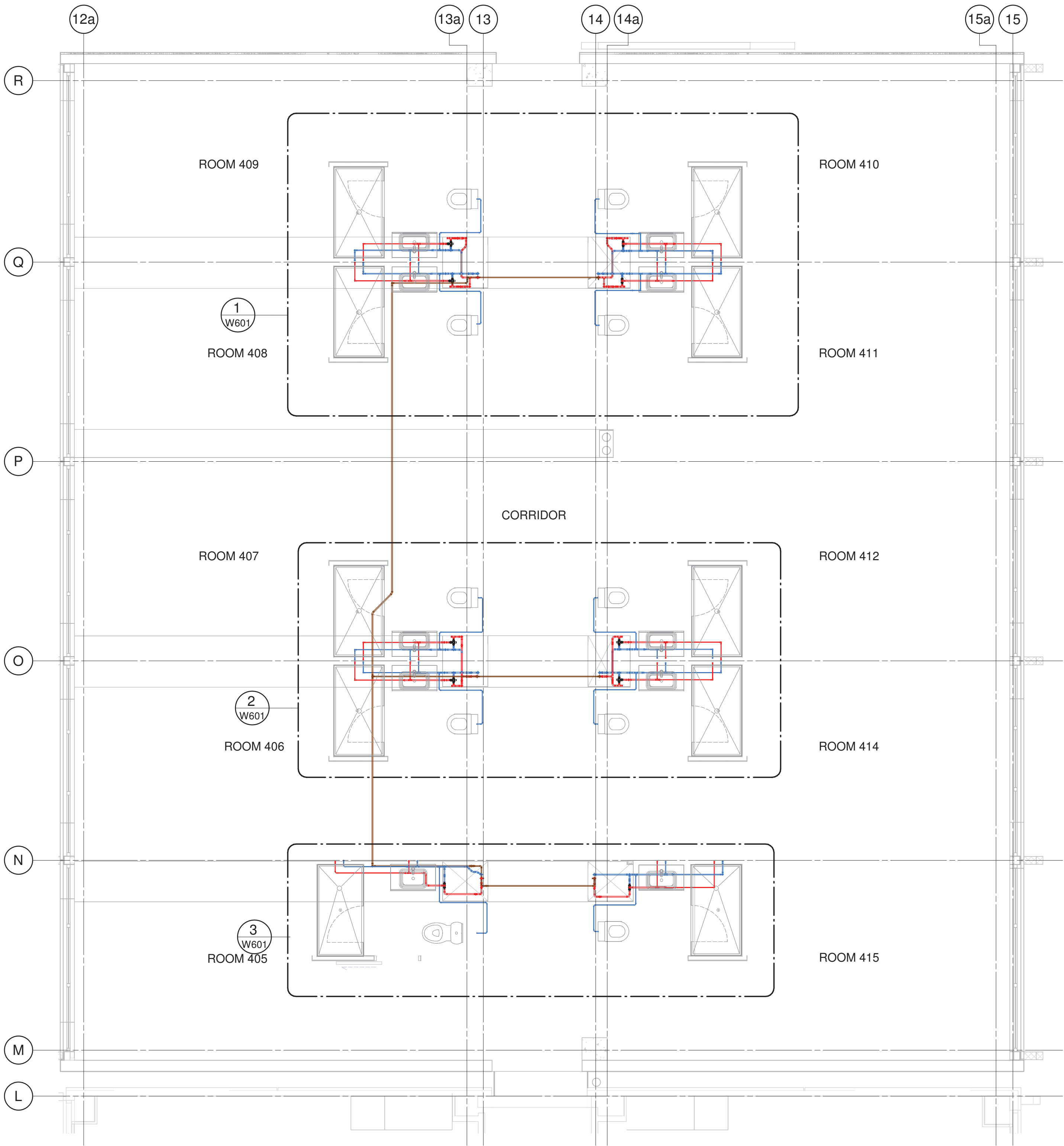
CLIENT / PROJECT / ADDRESS
7 Alma Street, Hamilton 3204, New Zealand

DRAWING TITLE		
THIRD FLOOR WATER SUPPLY ENLARGED PLAN		
SCALE @ A1 As indicated	SCALE @ A3	
JOB NO. 60654	DRAWING NO. W501	REVISION A

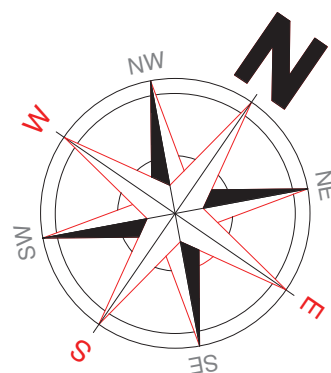


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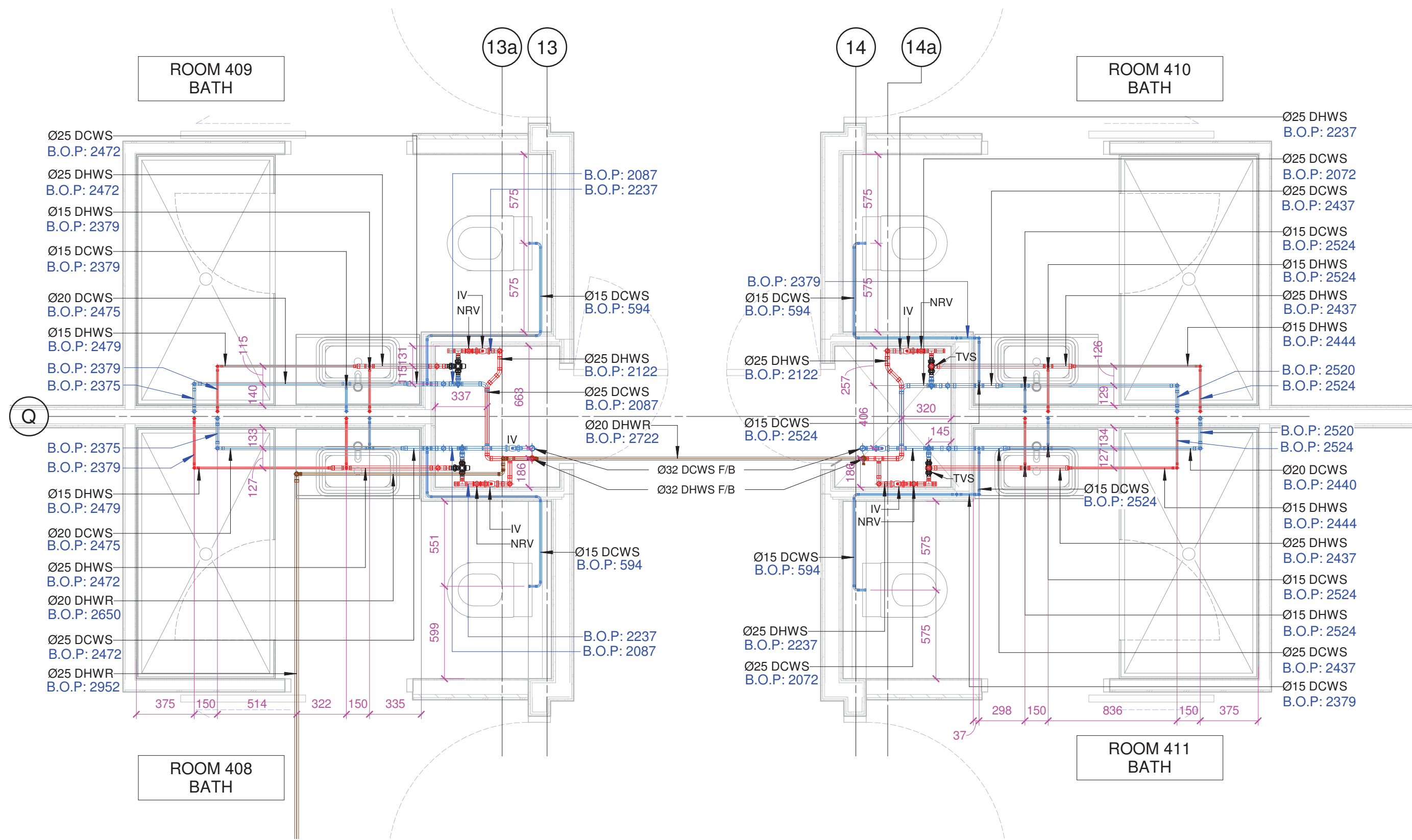


1 FOURTH FLOOR OVERALL WATER SUPPLY LAYOUT
1 : 50 @A1

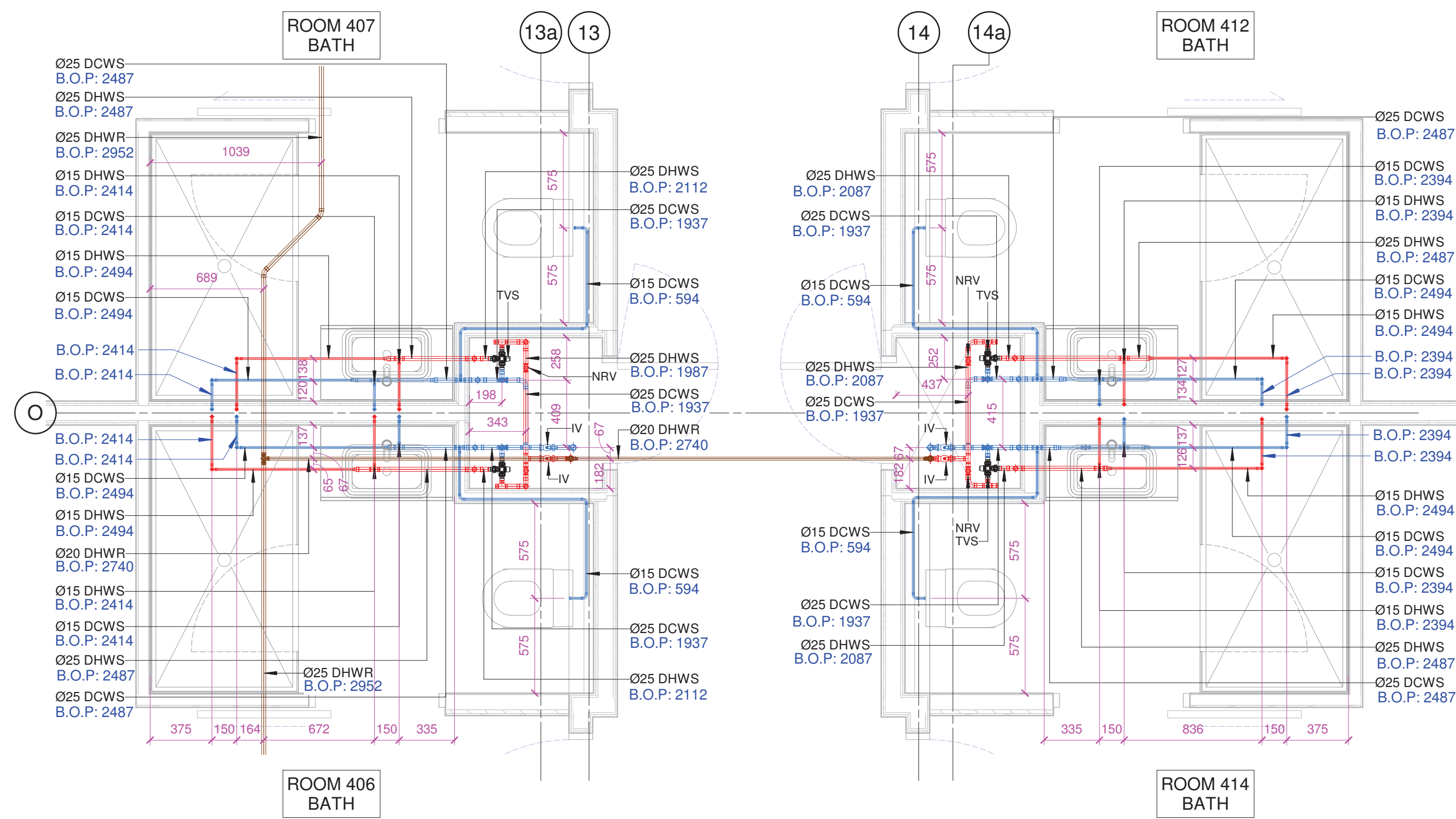


GENERAL NOTES

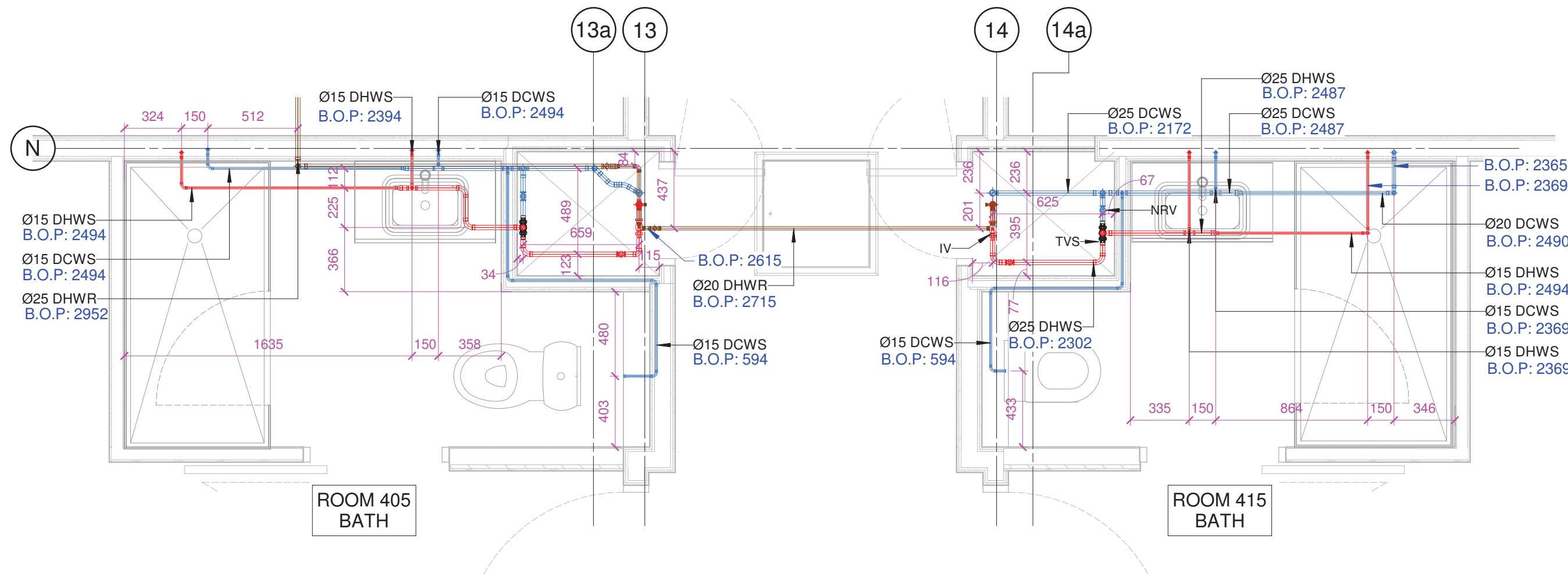
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE HYDRAULIC SERVICES SPECIFICATION.
2. FOR DIMENSIONAL AND CONSTRUCTIONAL DETAIL OF THE BUILDING REFER TO ARCHITECTURAL DRAWINGS.CHECK ALL DIMENSIONS AND LOCATION ON SITE PRIOR TO MANUFACTURE.
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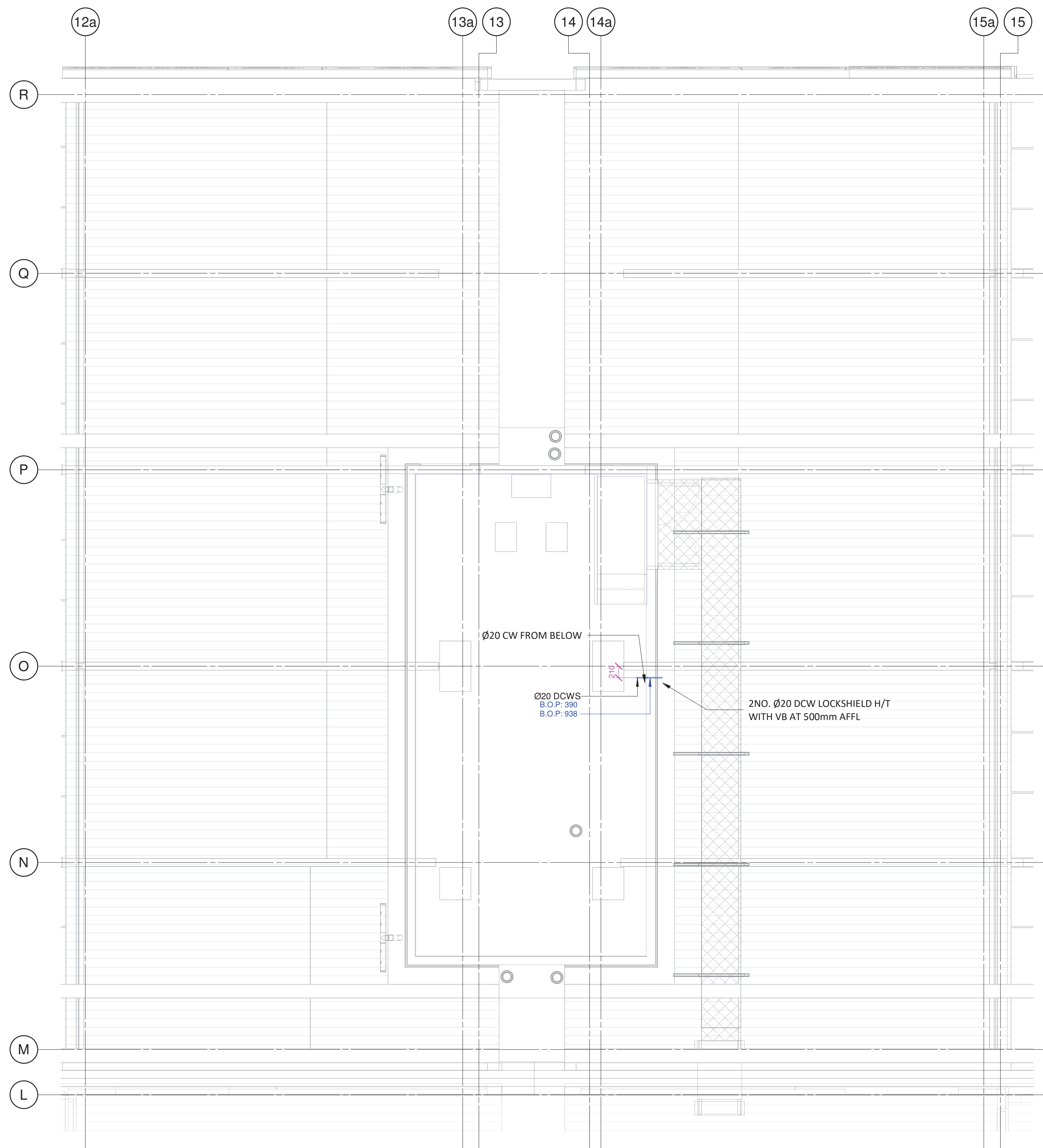
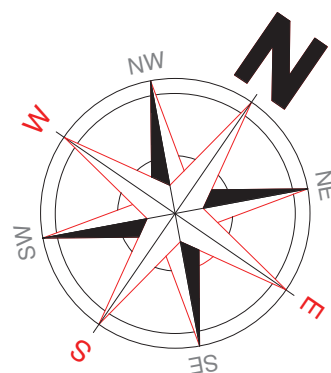
1 FOURTH FLOOR ENLARGED PLAN 1
W600 1 : 25 @A1



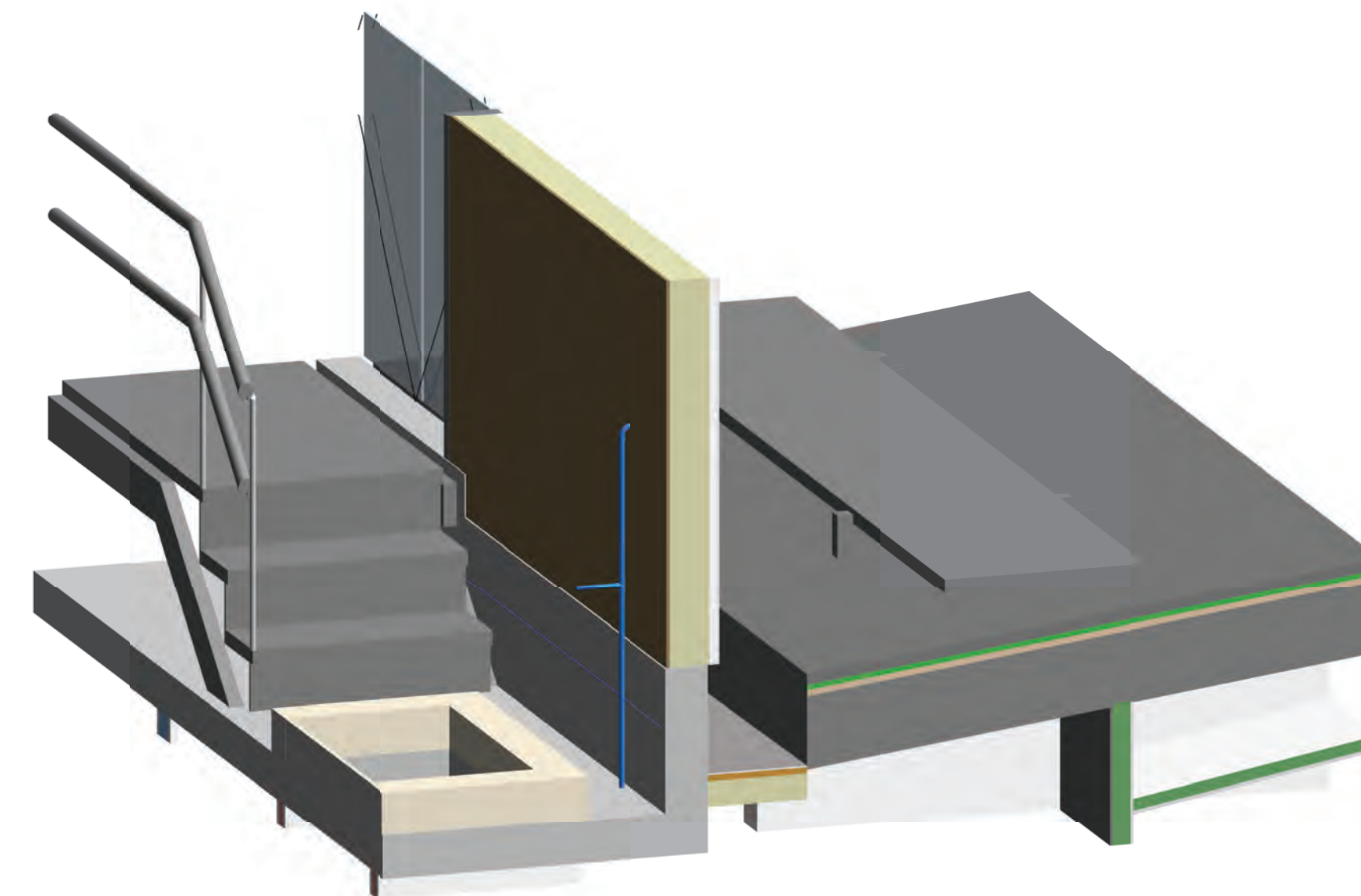
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W600 1 : 25 @A1



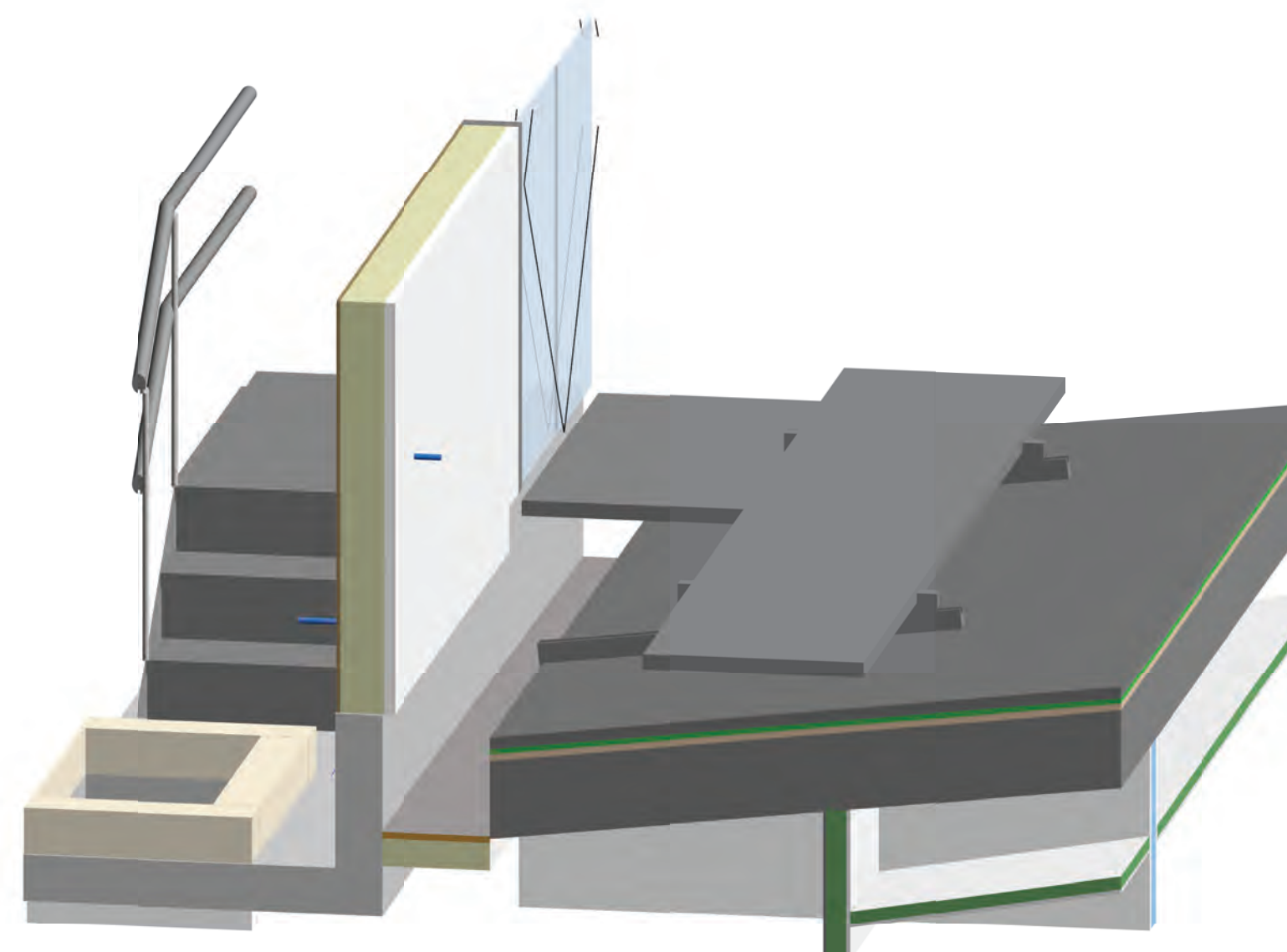
3 FOURTH FLOOR ENLARGED PLAN 3
W600 1 : 25 @A1



1 ROOF FLOOR WATER SUPPLY LAYOUT
1 : 50 @A1



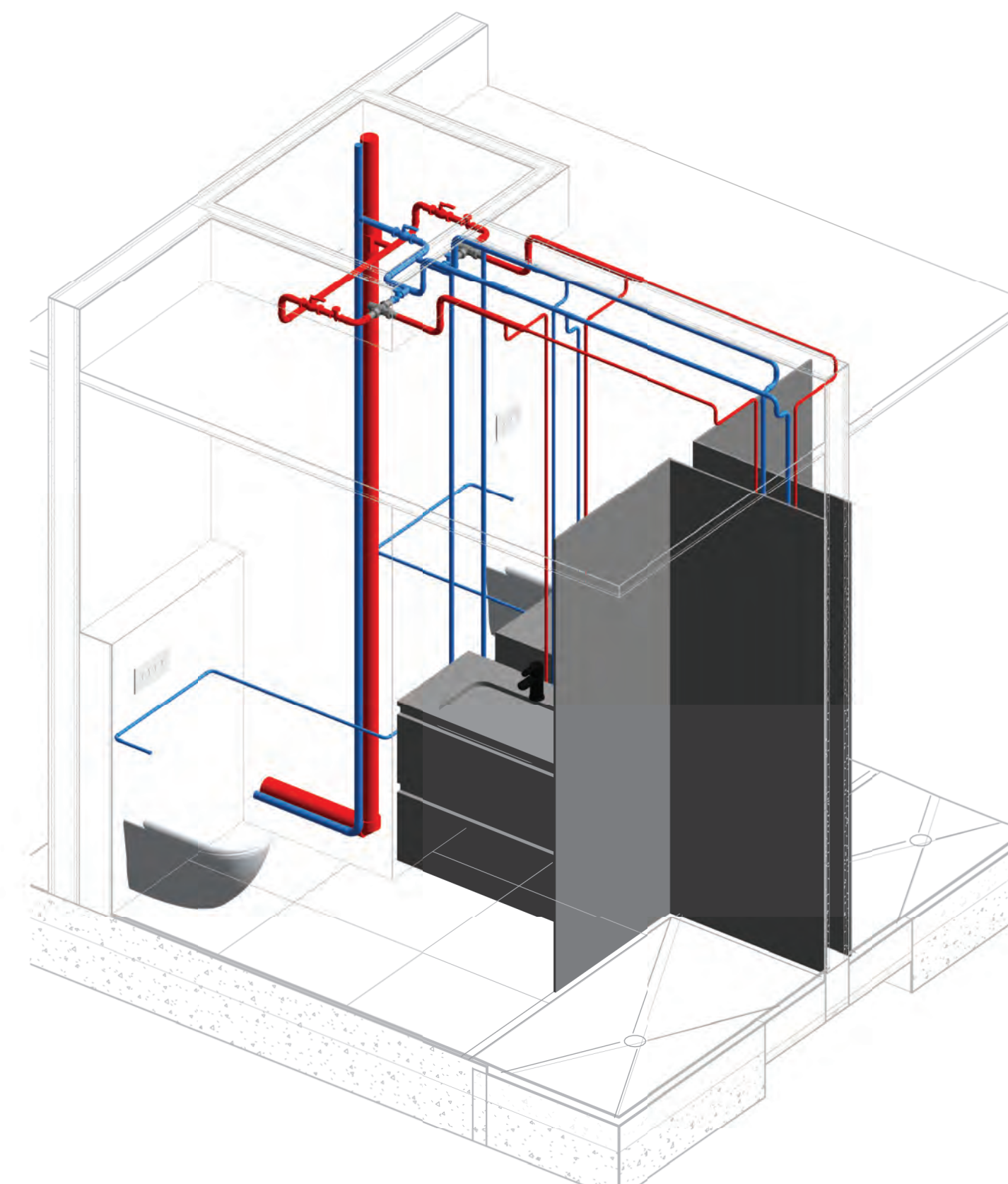
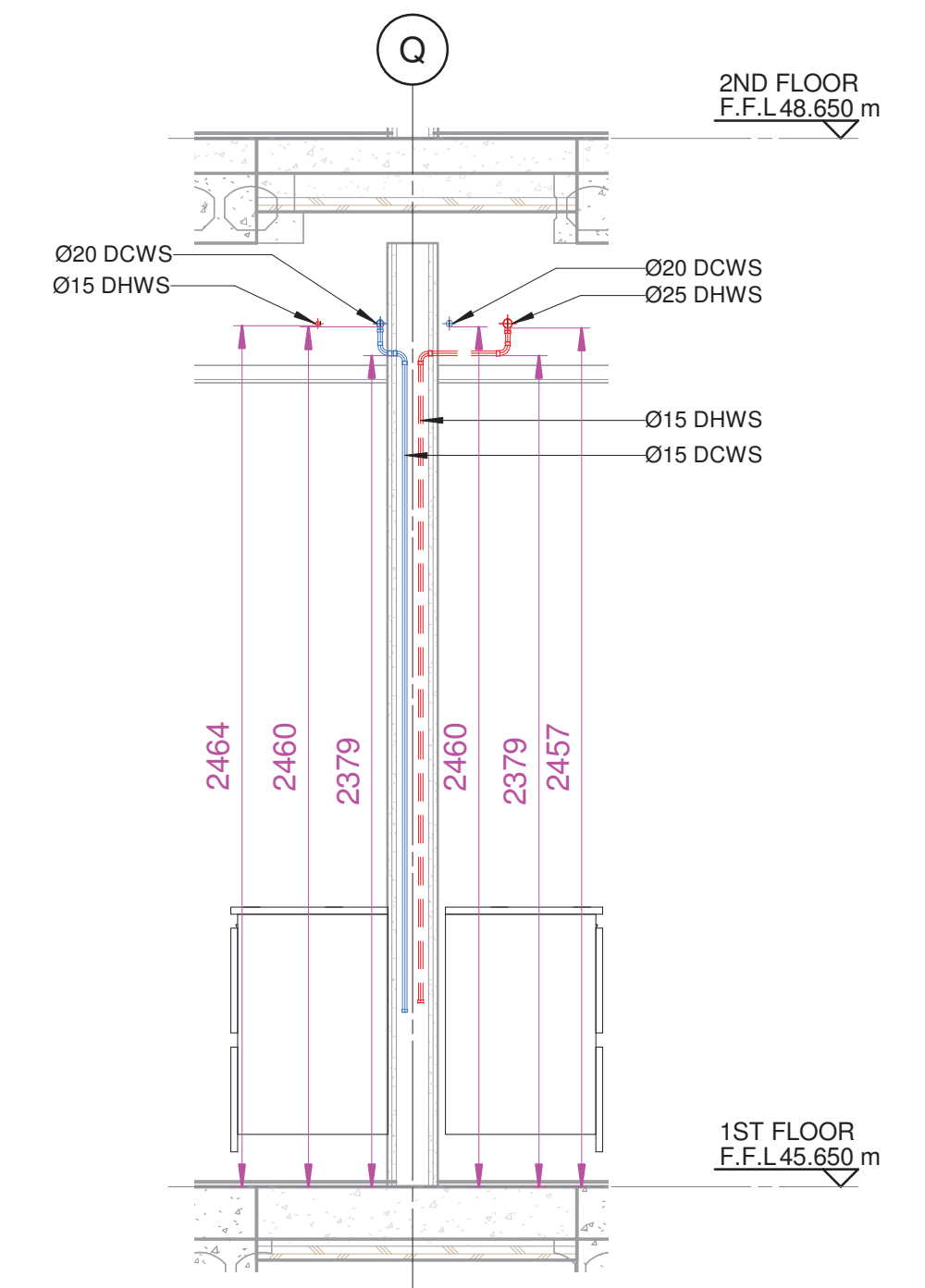
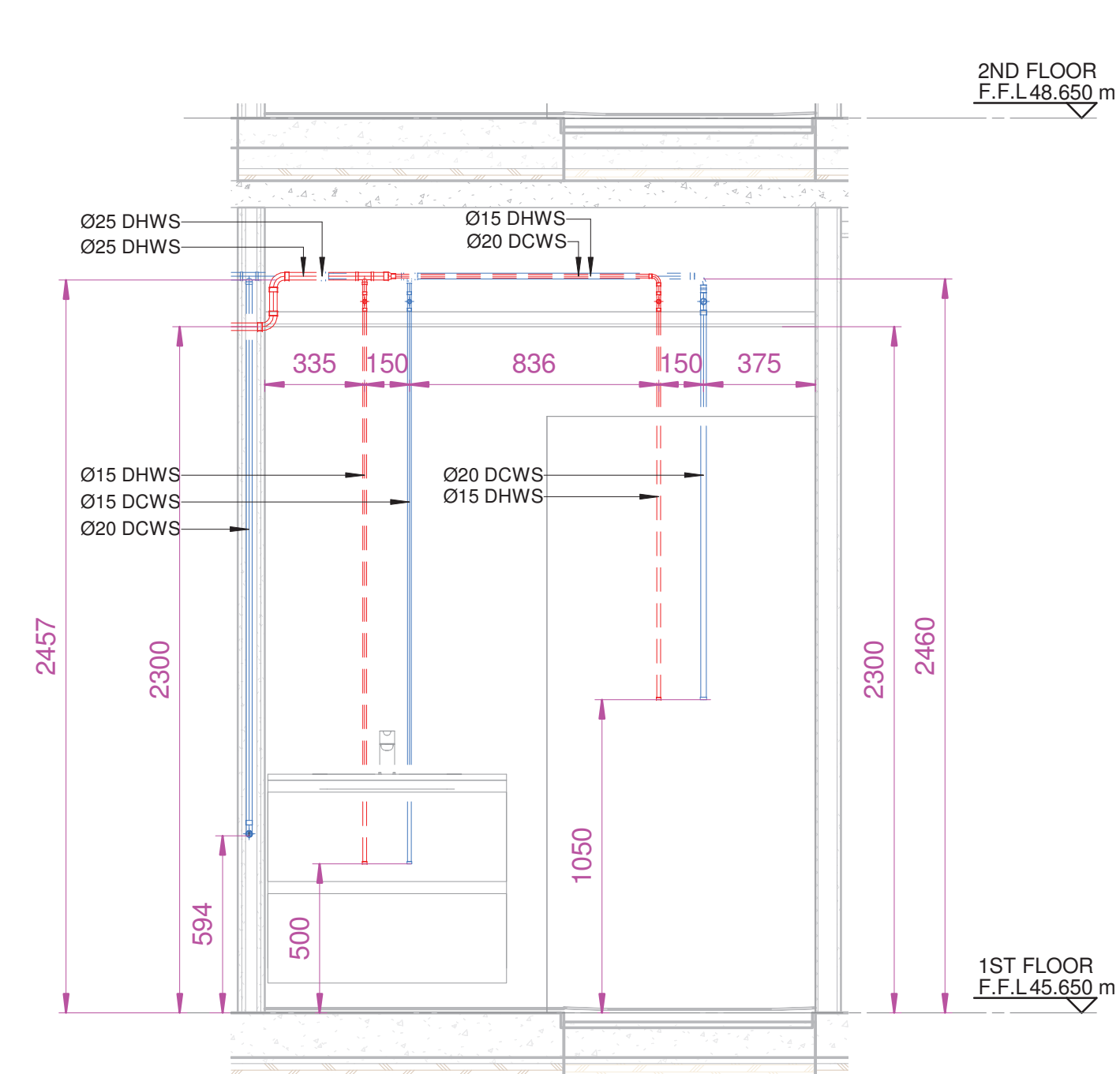
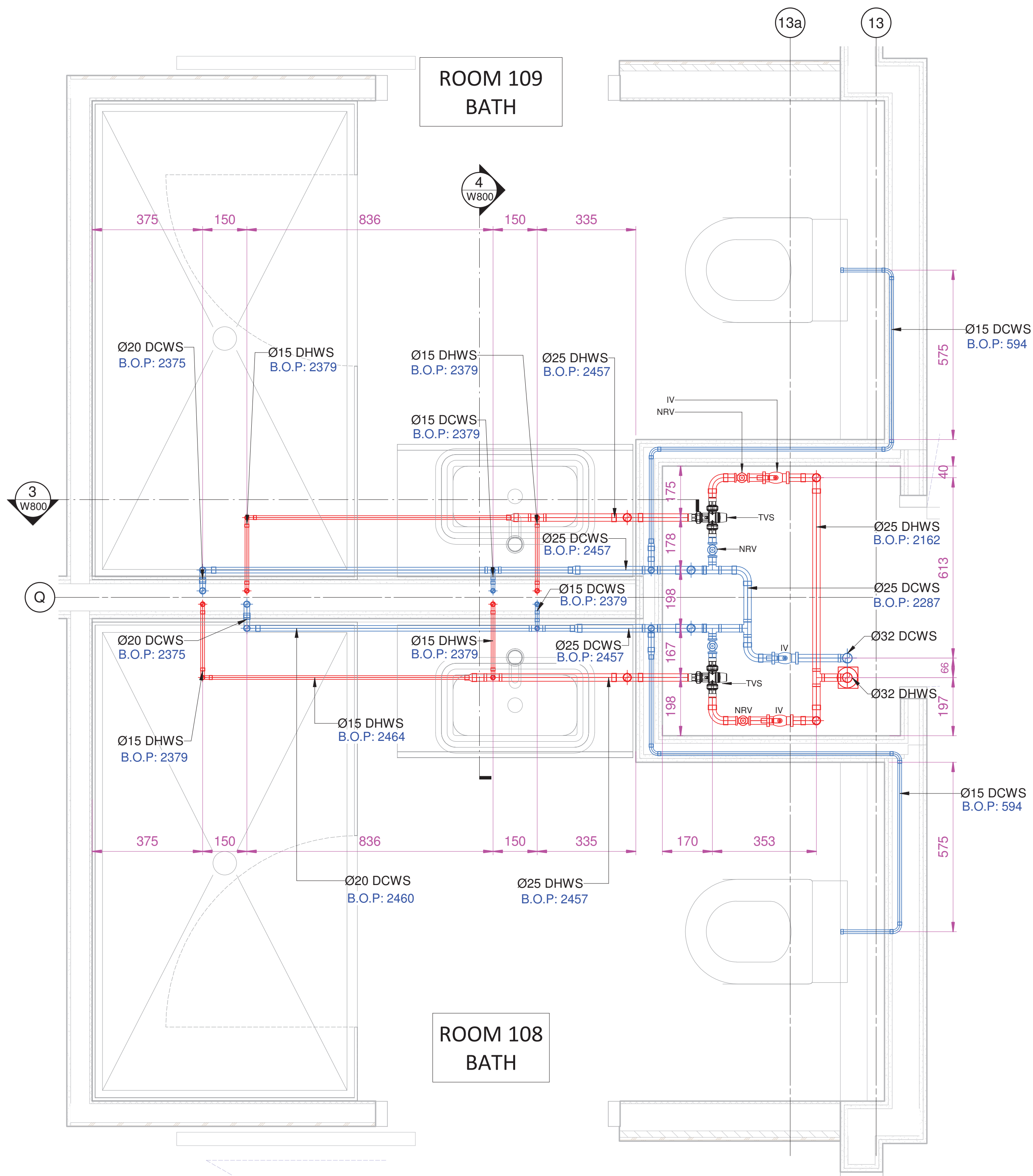
2 ROOF WATER SUPPLY 3D VIEW 1
@A1

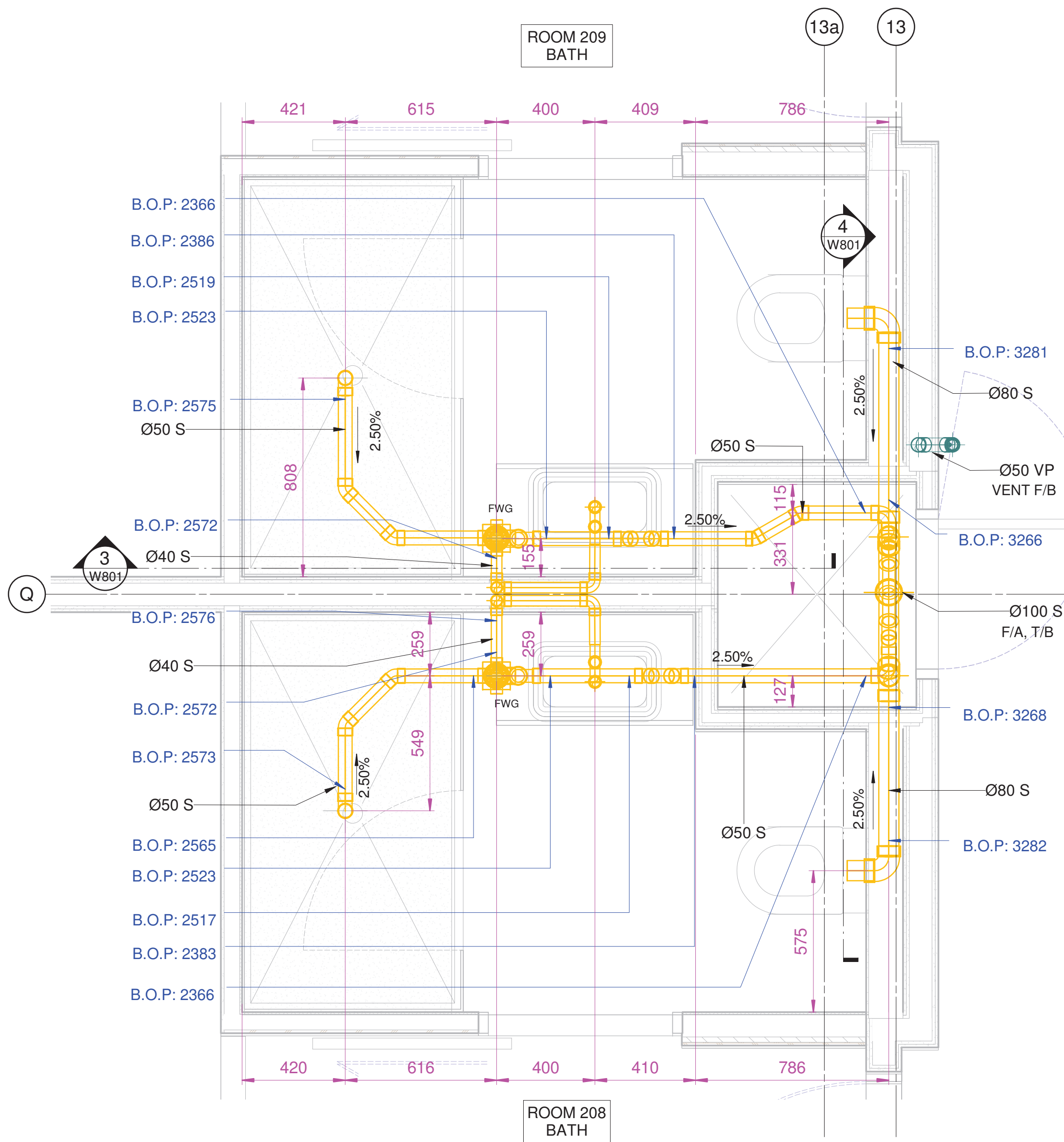


3 ROOF WATER SUPPLY 3D VIEW 2
@A1

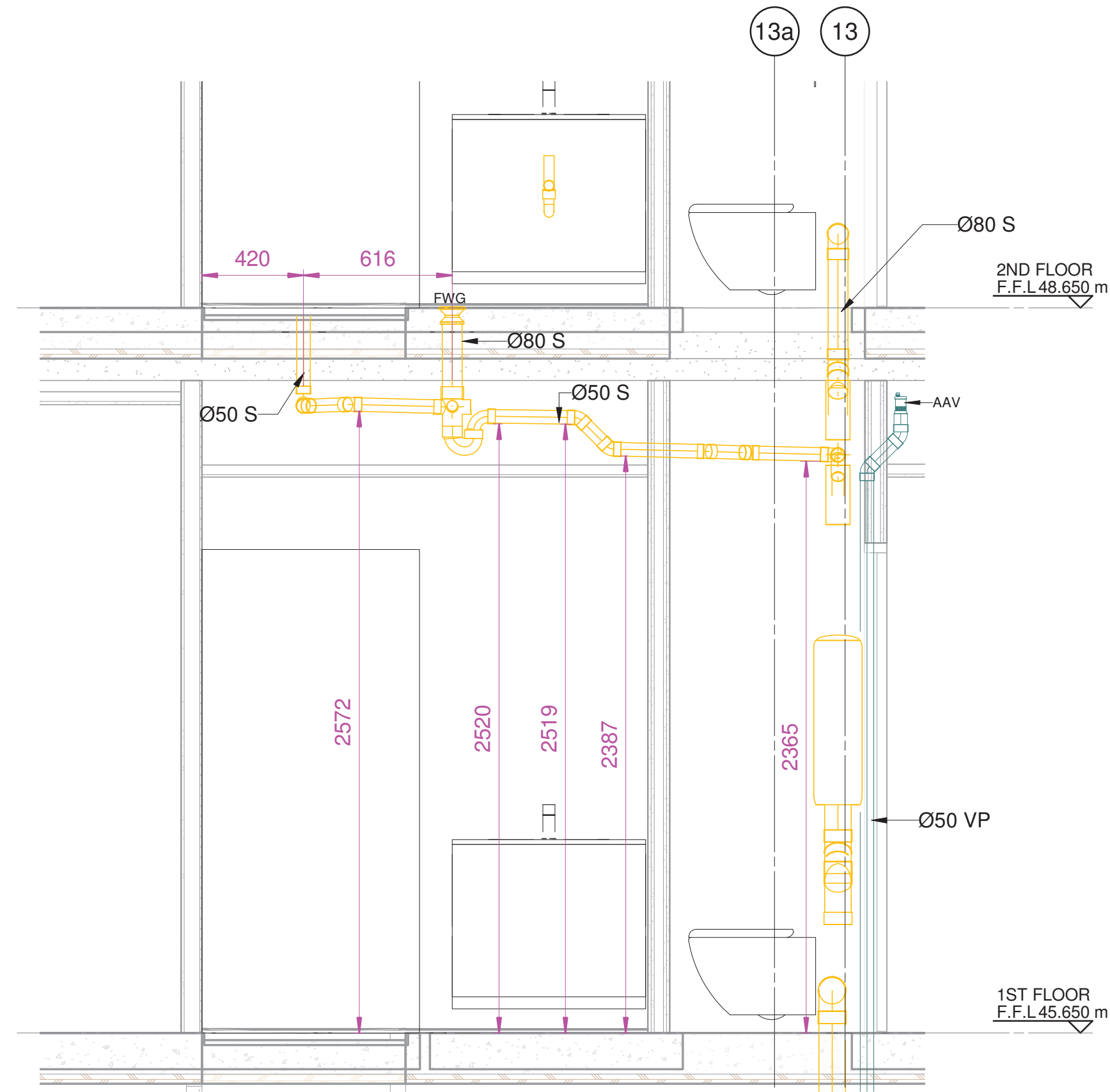
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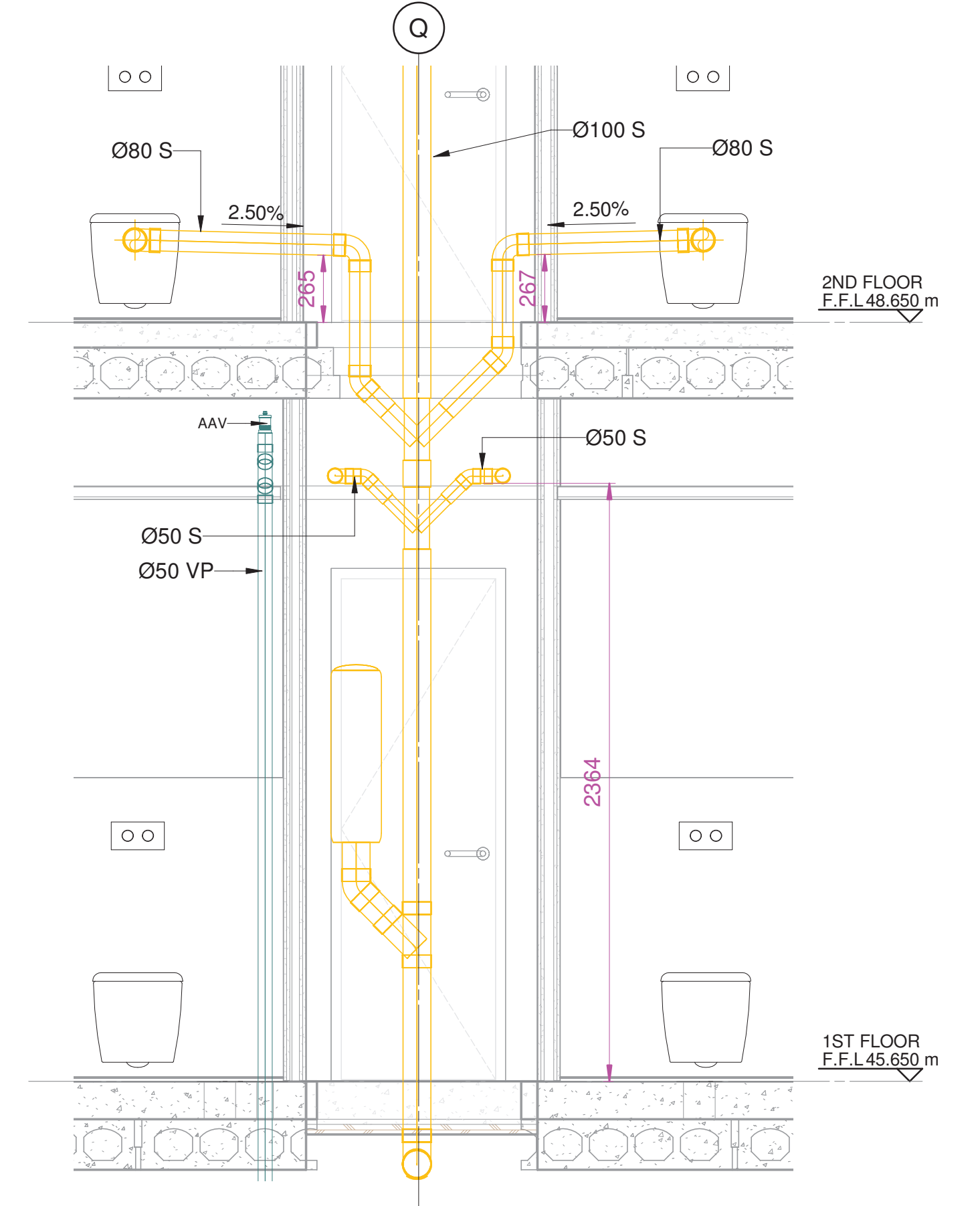




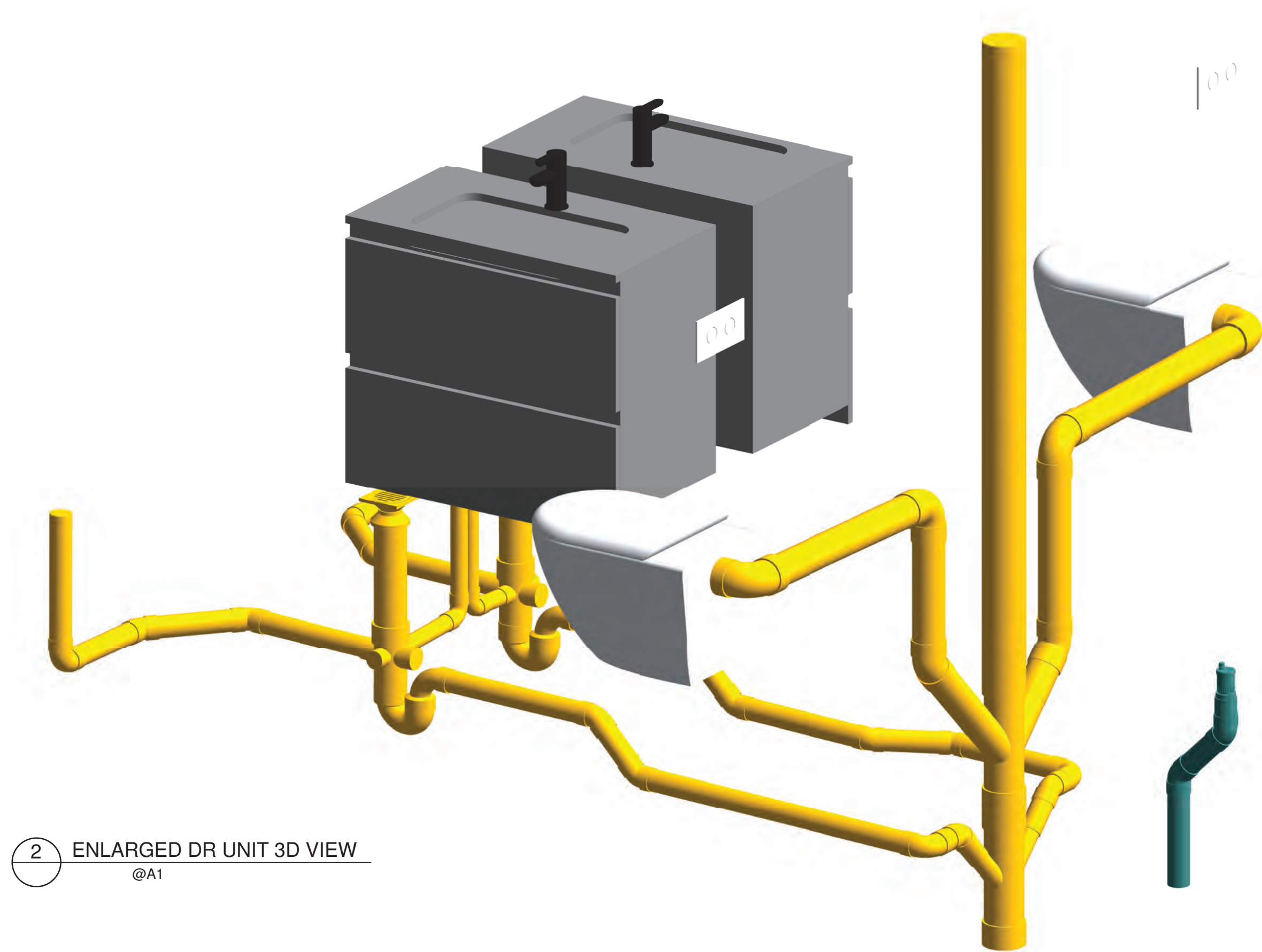
1 ENLARGED PLAN OF DRAINAGE SERVICES LAYOUT
1 : 15 @A1



3 L2 DR SECTION 1
1 : 20 @A1



4 L2 DR SECTION 2
1 : 20 @A1



2 ENLARGED DR UNIT 3D VIEW
@A1

SHEET LIST				
SHEET No.	SHEET NAME	ISSUED DATE	REVISION	CURRENT REVISION DESCRIPTION
H001	LEGEND	02.04.2019	A	LEGEND ISSUED FOR APPROVAL
H100	FIRST FLOOR HVAC DUCTING LAYOUT	02.04.2019	A	FIRST FLOOR HVAC DUCTING SHOP DRAWING ISSUED FOR APPROVAL
H200	SECOND FLOOR HVAC DUCTING LAYOUT	02.04.2019	A	SECOND FLOOR HVAC DUCTING SHOP DRAWING ISSUED FOR APPROVAL
H300	THIRD FLOOR HVAC DUCTING LAYOUT	02.04.2019	A	THIRD FLOOR HVAC DUCTING SHOP DRAWING ISSUED FOR APPROVAL
H400	FOURTH FLOOR HVAC DUCTING LAYOUT	02.04.2019	A	FOURTH FLOOR HVAC DUCTING SHOP DRAWING ISSUED FOR APPROVAL
H500	ROOF LEVEL HVAC DUCTING LAYOUT	02.04.2019	A	ROOF LEVEL HVAC DUCTING LAYOUT SHOP DRAWING ISSUED FOR APPROVAL
H501	ROOF LEVEL HVAC DUCTING 3D VIEW	02.04.2019	A	ROOF LEVEL HVAC DUCTING 3DVIEW SHOP DRAWING ISSUED FOR APPROVAL
M00G	GROUND FLOOR HVAC PIPING LAYOUT	02.04.2019	A	GROUND FLOOR HVAC PIPING SHOP DRAWING ISSUED FOR APPROVAL
M100	FIRST FLOOR HVAC PIPING LAYOUT	02.04.2019	A	FIRST FLOOR HVAC PIPING SHOP DRAWING ISSUED FOR APPROVAL
M101	FIRST FLOOR HVAC PIPING LAYOUT PART 1	02.04.2019	A	FIRST FLOOR HVAC PIPING SHOP DRAWING ISSUED FOR APPROVAL
M102	FIRST FLOOR HVAC PIPING LAYOUT PART 2	02.04.2019	A	FIRST FLOOR HVAC PIPING SHOP DRAWING ISSUED FOR APPROVAL
M200	SECOND FLOOR HVAC PIPING LAYOUT	02.04.2019	A	SECOND FLOOR HVAC PIPING SHOP DRAWING ISSUED FOR APPROVAL
M201	SECOND FLOOR HVAC PIPING LAYOUT PART 1	02.04.2019	A	SECOND FLOOR HVAC PIPING SHOP DRAWING ISSUED FOR APPROVAL
M202	SECOND FLOOR HVAC PIPING LAYOUT PART 2	02.04.2019	A	SECOND FLOOR HVAC PIPING SHOP DRAWING ISSUED FOR APPROVAL
M300	THIRD FLOOR HVAC PIPING LAYOUT	02.04.2019	A	THIRD FLOOR HVAC PIPING SHOP DRAWING ISSUED FOR APPPROVAL
M301	THIRDFLOOR HVAC PIPING LAYOUT PART 1	02.04.2019	A	THIRD FLOOR HVAC PIPING SHOP DRAWING ISSUED FOR APPPROVAL
M302	THIRD FLOOR HVAC PIPING LAYOUT PART 2	02.04.2019	A	THIRD FLOOR HVAC PIPING SHOP DRAWING ISSUED FOR APPPROVAL
M400	FOURTH FLOOR HVAC PIPING LAYOUT	02.04.2019	A	FOURTH FLOOR HVAC PIPING SHOP DRAWING ISSUED FOR APPROVAL
M401	FOURTH FLOOR HVAC PIPING LAYOUT PART 1	02.04.2019	A	FOURTH FLOOR HVAC PIPING SHOP DRAWING ISSUED FOR APPROVAL
M402	FOURTH FLOOR HVAC PIPING LAYOUT PART 2	02.04.2019	A	FOURTH FLOOR HVAC PIPING SHOP DRAWING ISSUED FOR APPROVAL
M500	ROOF LEVEL HVAC PIPING LAYOUT	02.04.2019	A	ROOF LEVEL HVAC PIPING LAYOUT SHOP DRAWING ISSUED FOR APPROVAL
M501	TYPICAL FCU VALVE ASSEMBLY DETAILS LAYOUT	02.04.2019	A	TYPICAL FCU VALVE ASSEMBLY DETAIL HOP DRAWING ISSUED FOR APPROVAL



MECHANICAL SERVICES

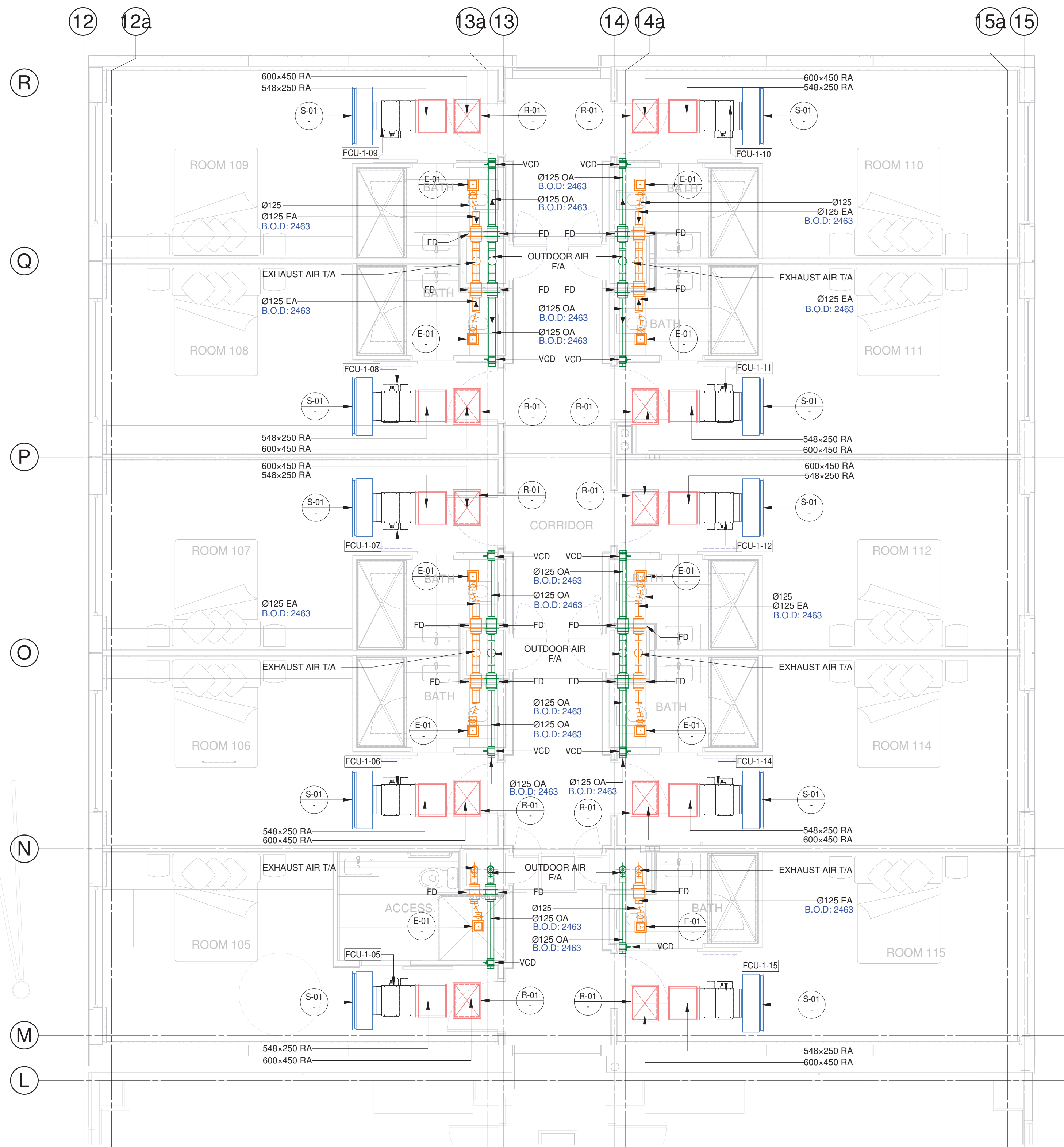
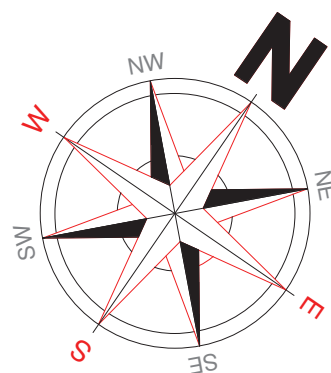


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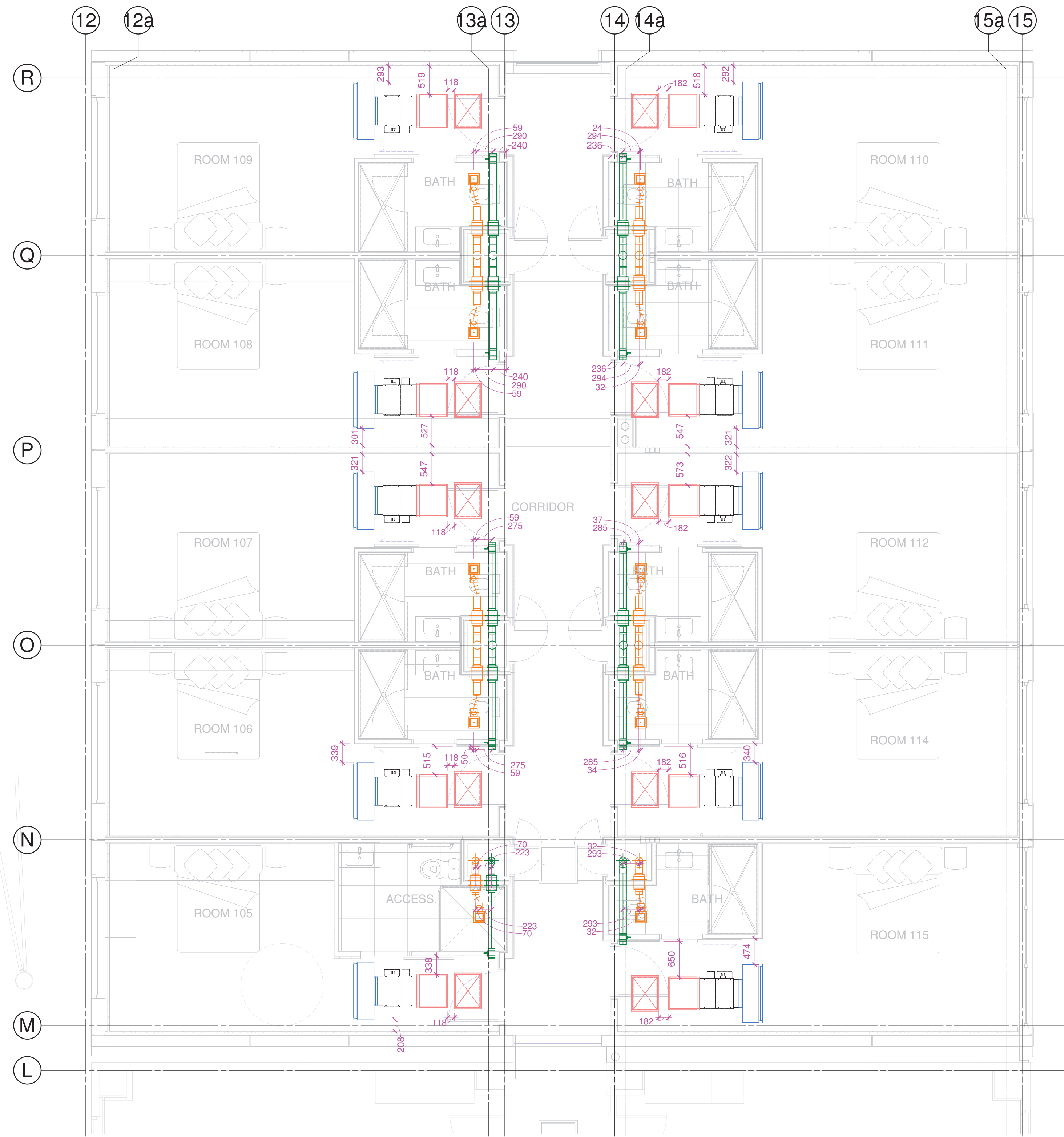
7 Alma Street, Hamilton, 3204, New Zealand

Job Number

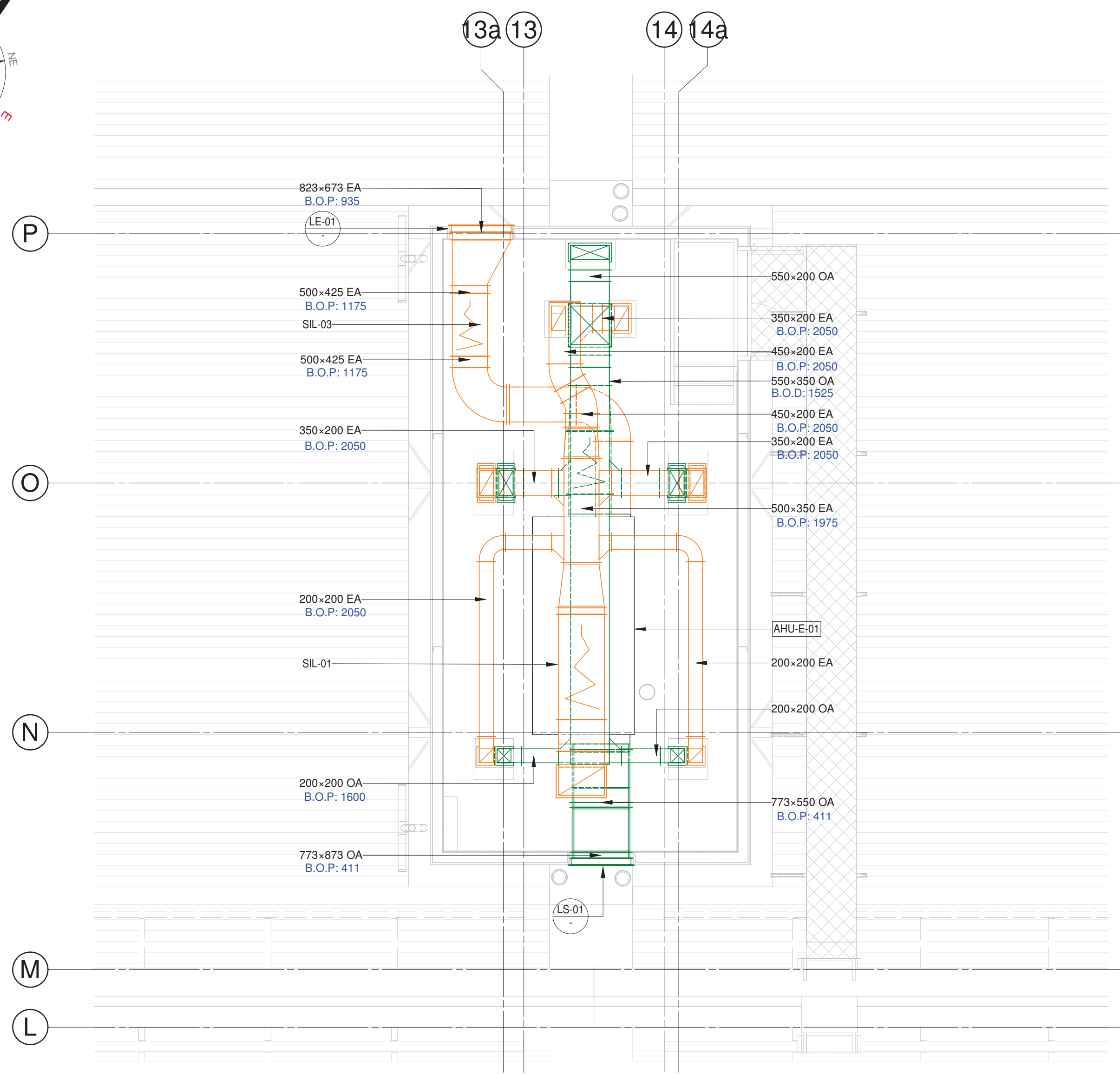
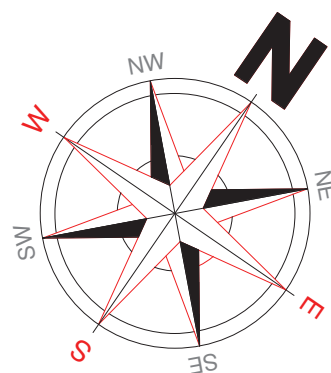
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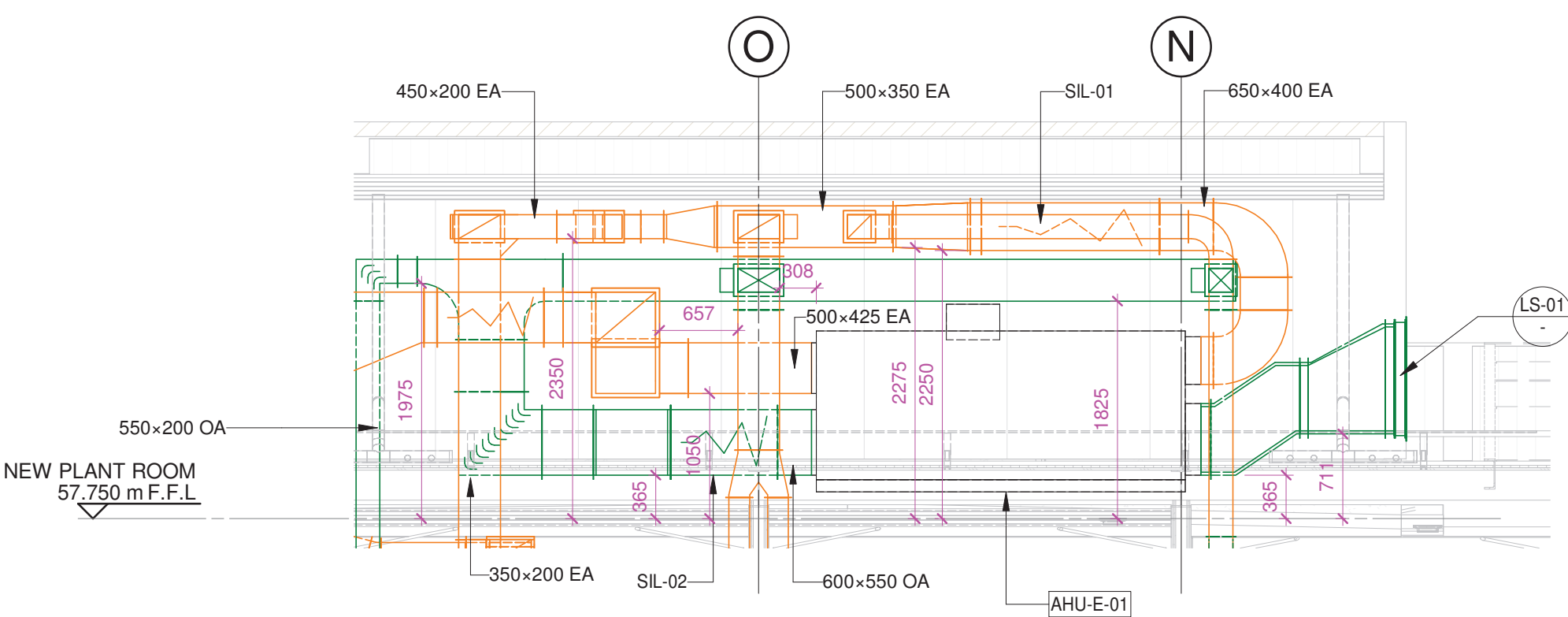
1 FIRST FLOOR DUCTING ANNOTATION LAYOUT
M501 1 : 50 @A1



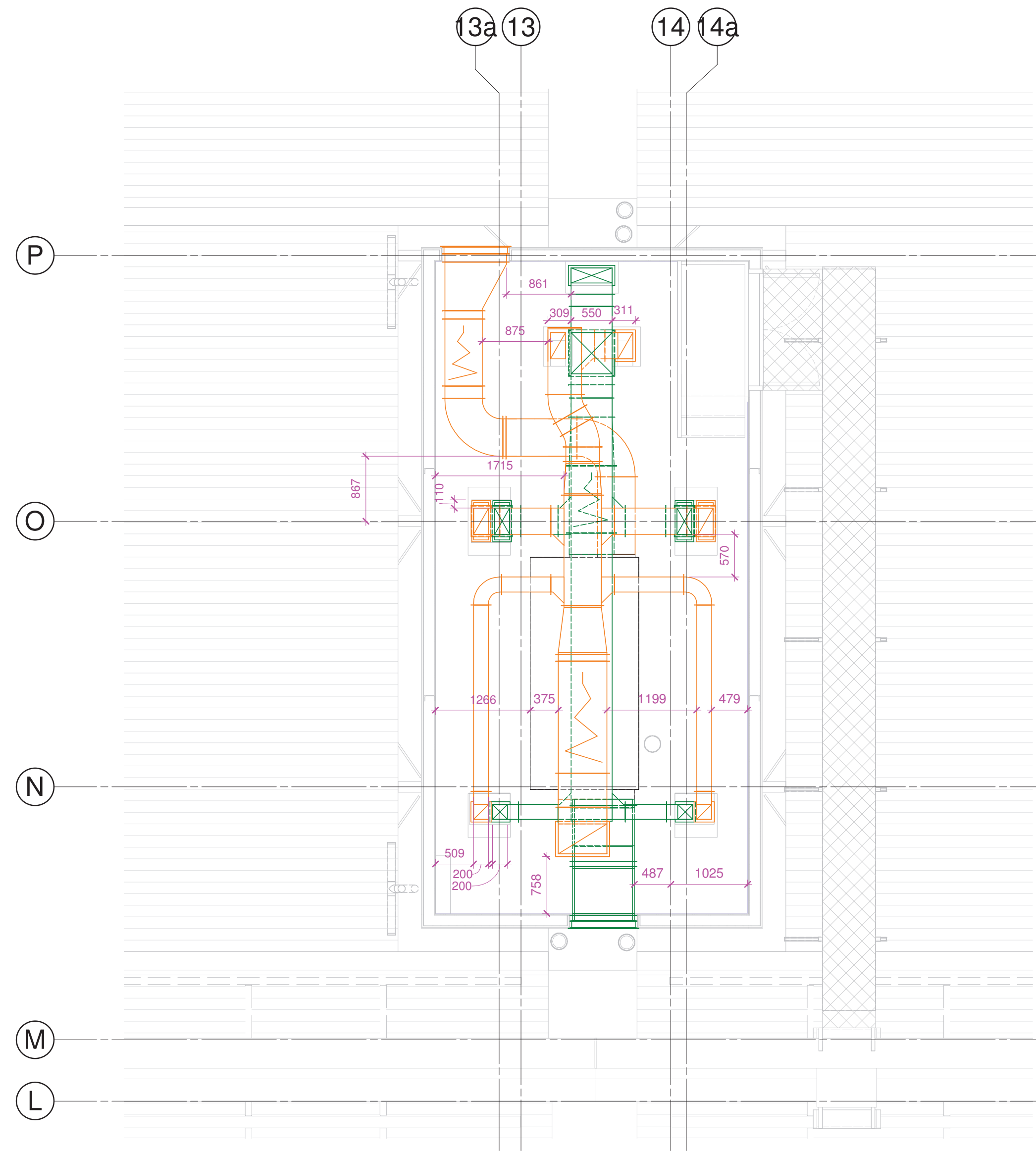
2 FIRST FLOOR DUCTING DIMENSIONS LAYOUT
M501 1 : 50 @A1



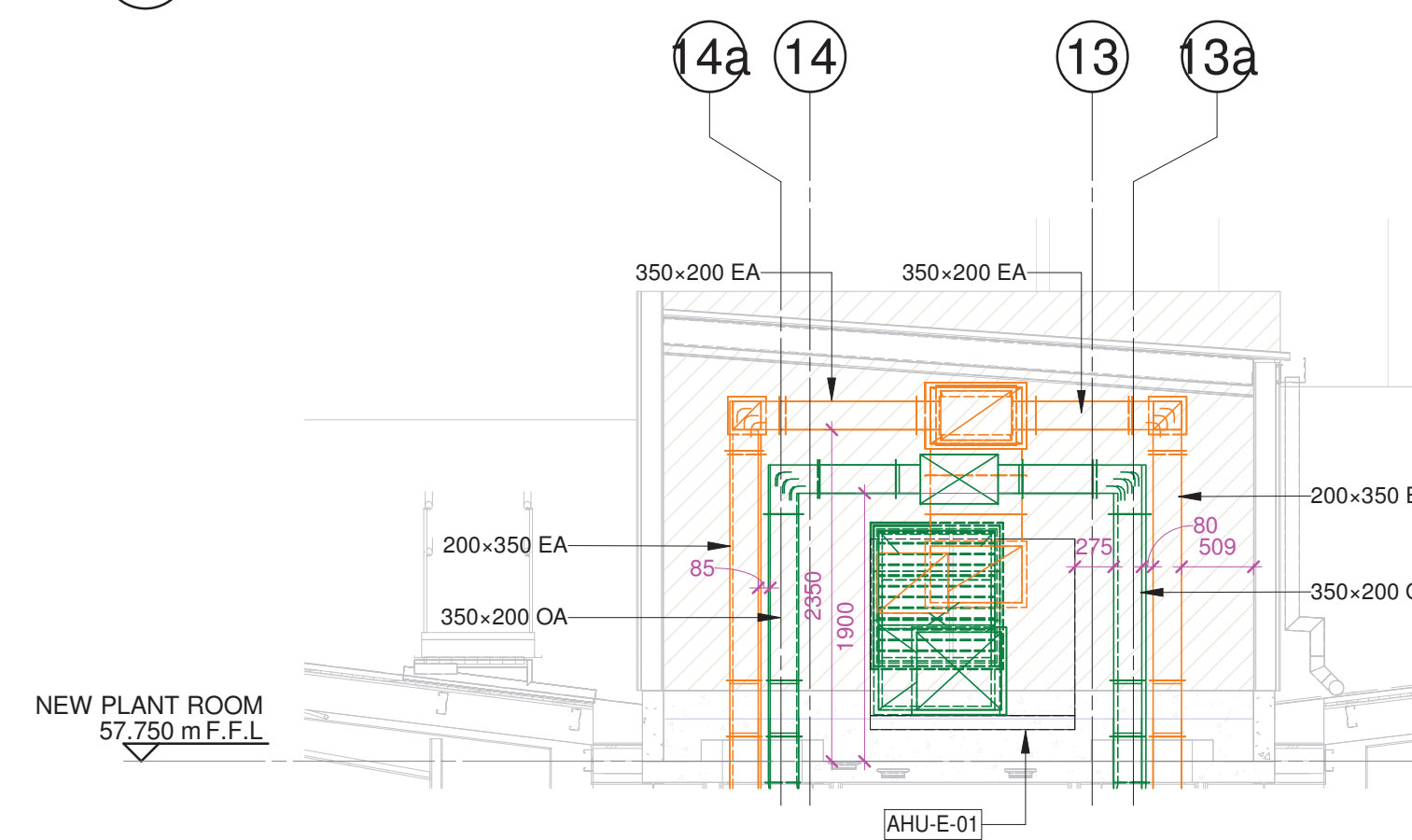
1 PLANT ROOM DUCTING LAYOUT
1 : 50 @A1



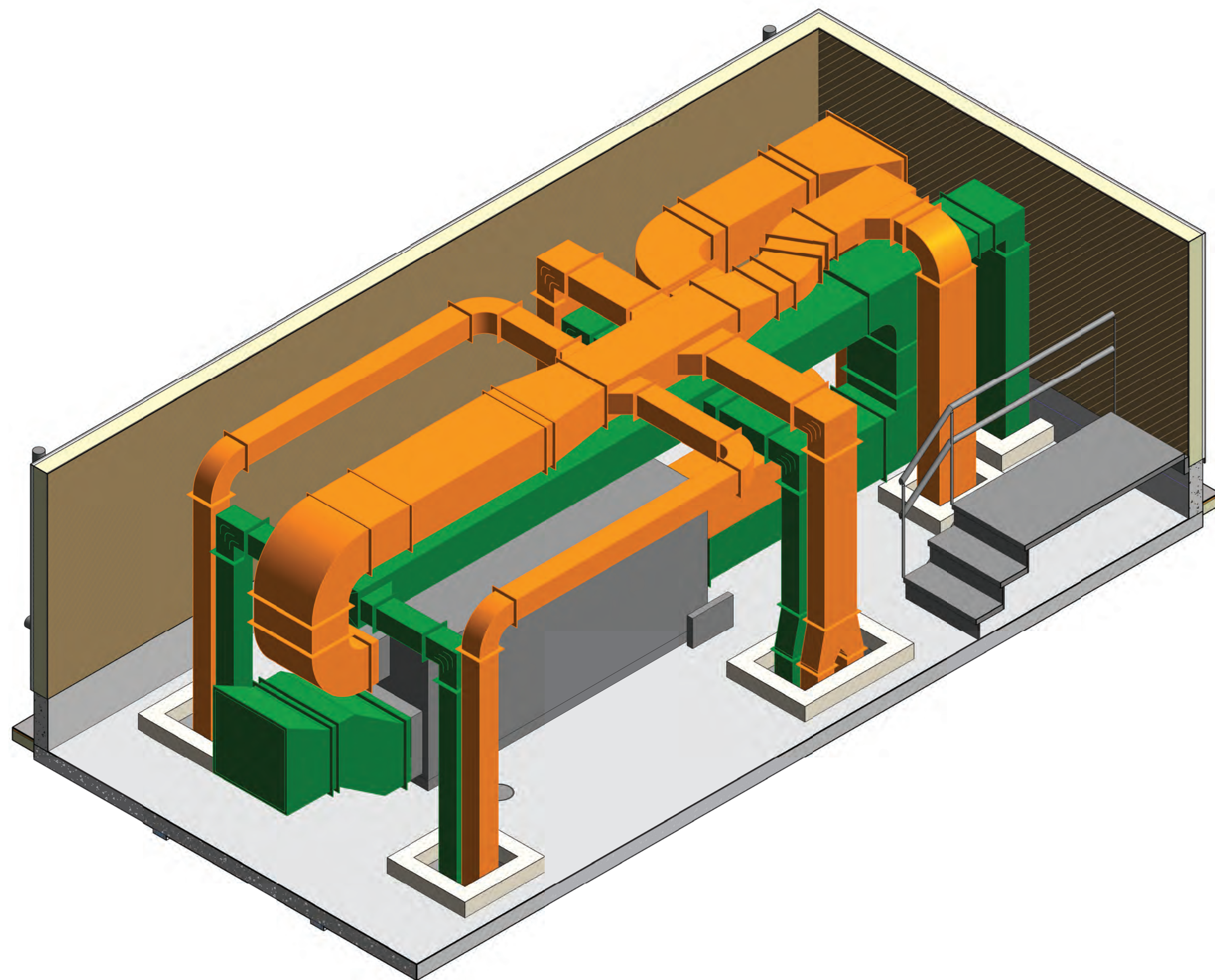
3 SECTION -S1
1 : 50 @A1



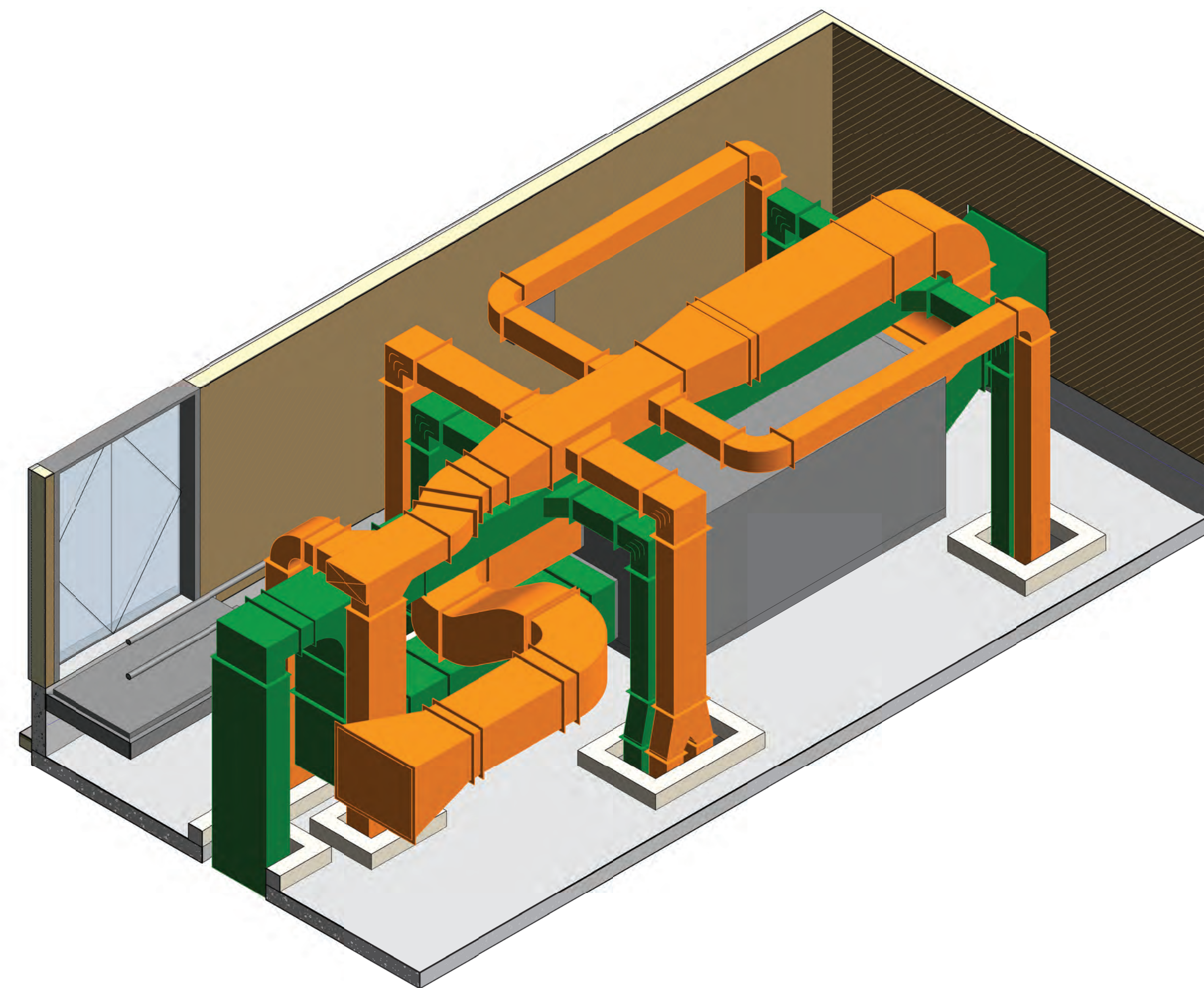
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1 : 50 @A1



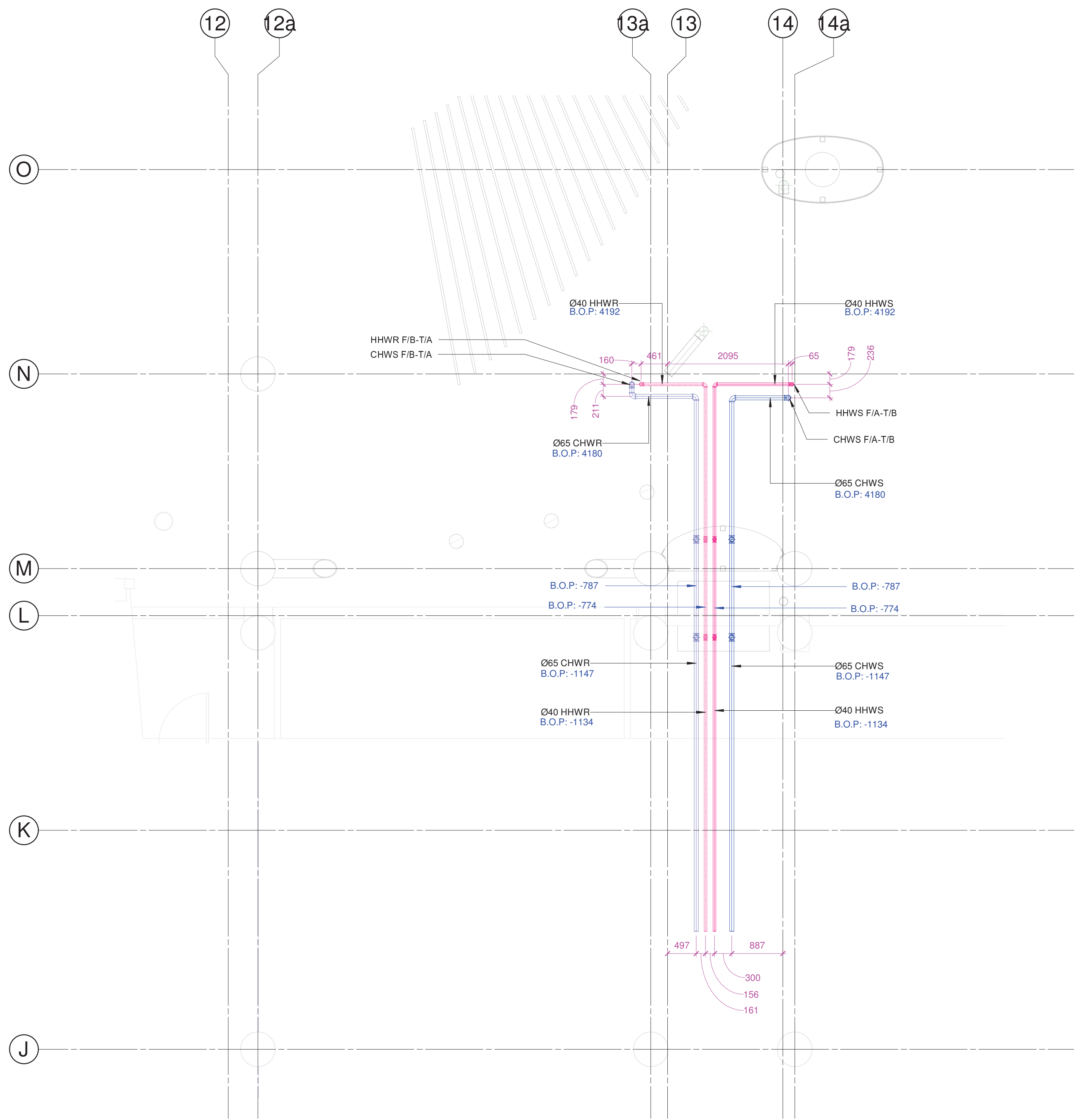
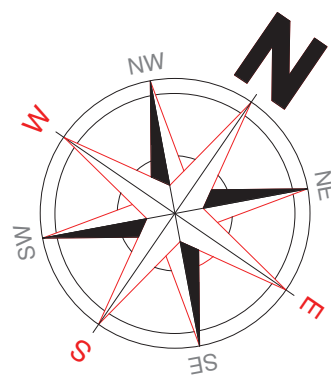
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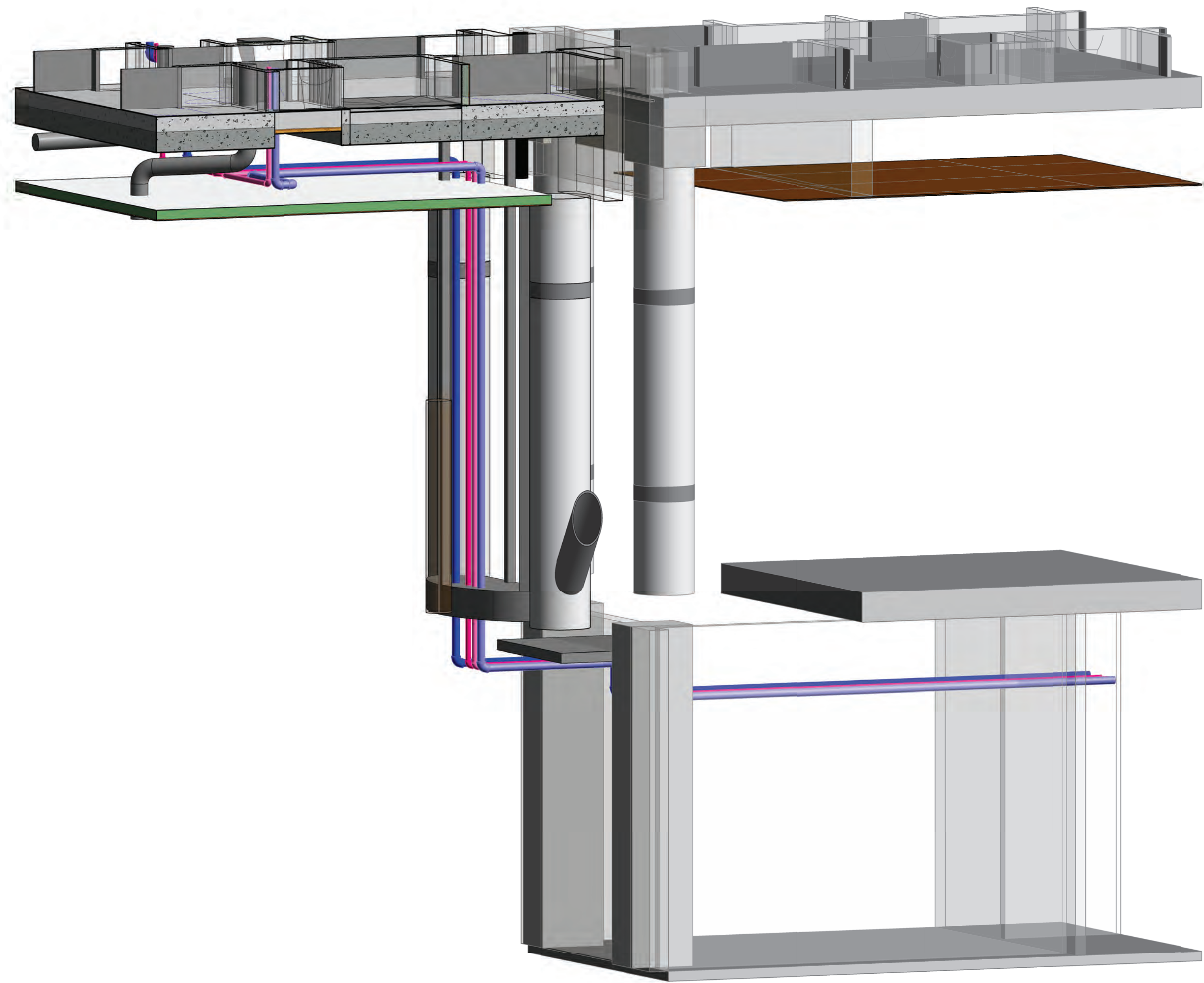
1 ROOF LEVEL HVAC DUCTING 3D VIEW 1
@A1



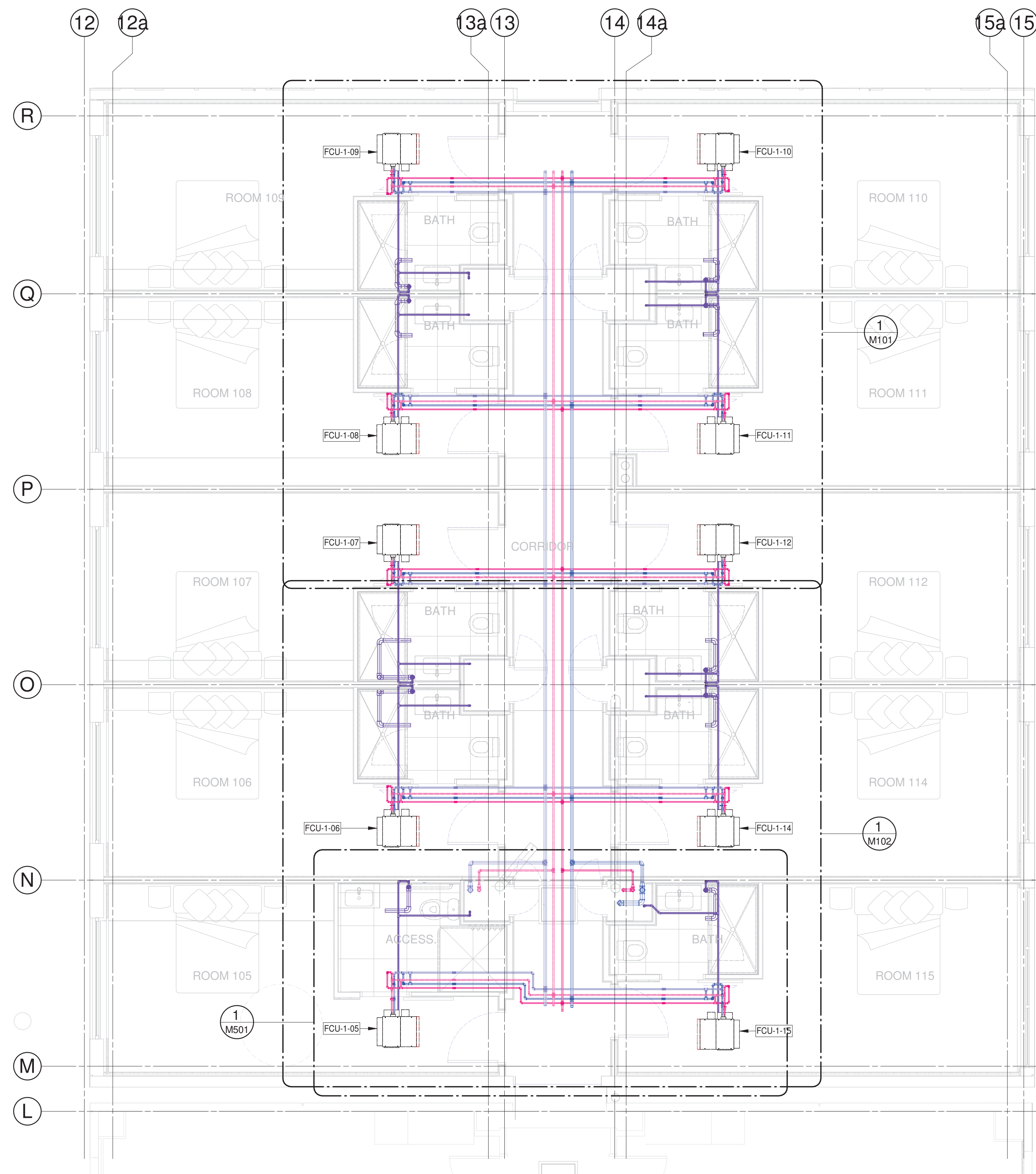
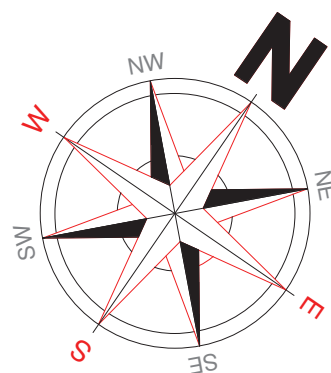
2 ROOF LEVEL HVAC DUCTING 3D VIEW 2
@A1



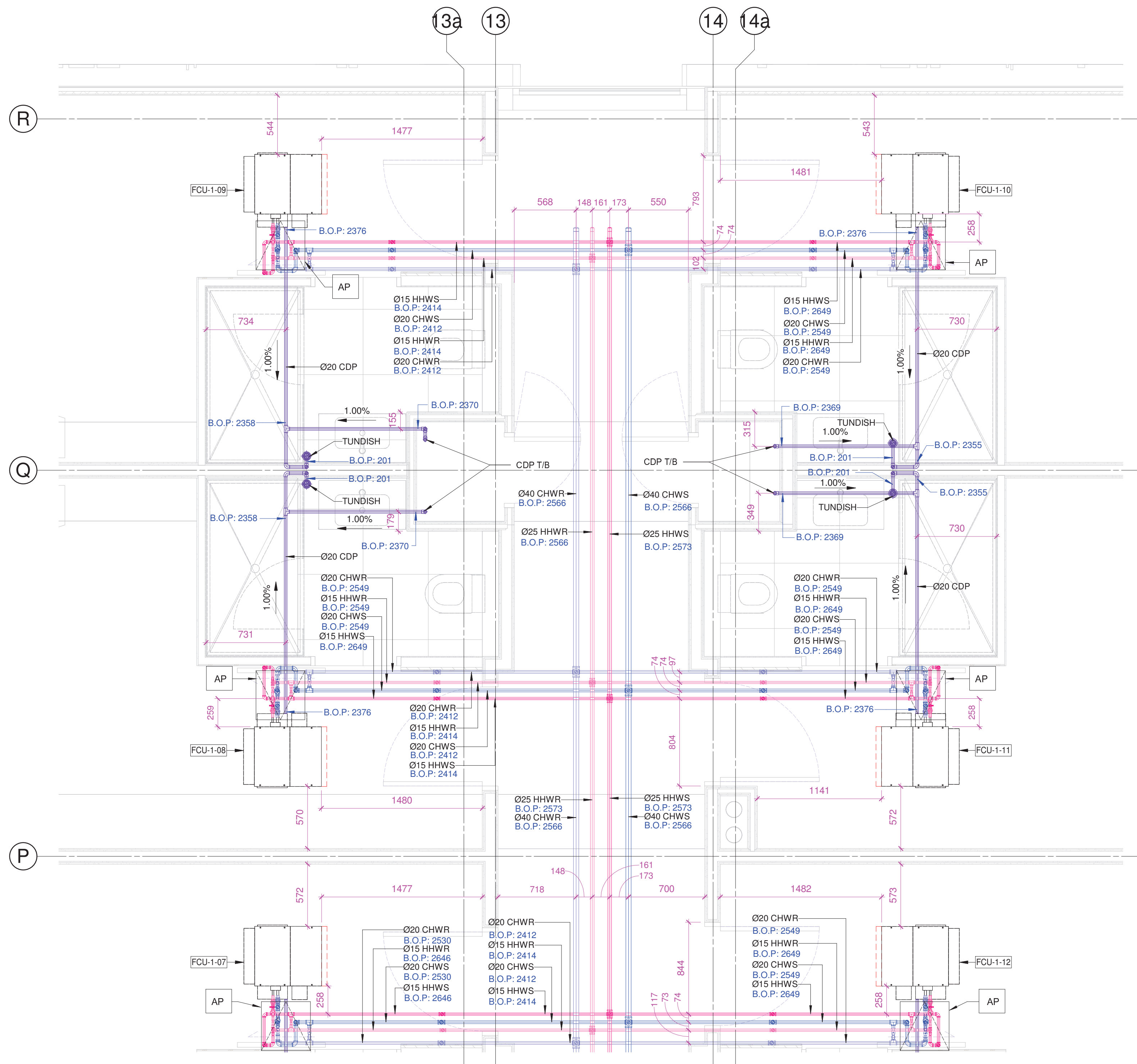
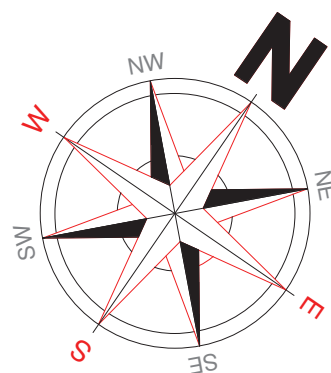
1 GROUND FLOOR HVAC PIPING LAYOUT
1 : 50 @A1



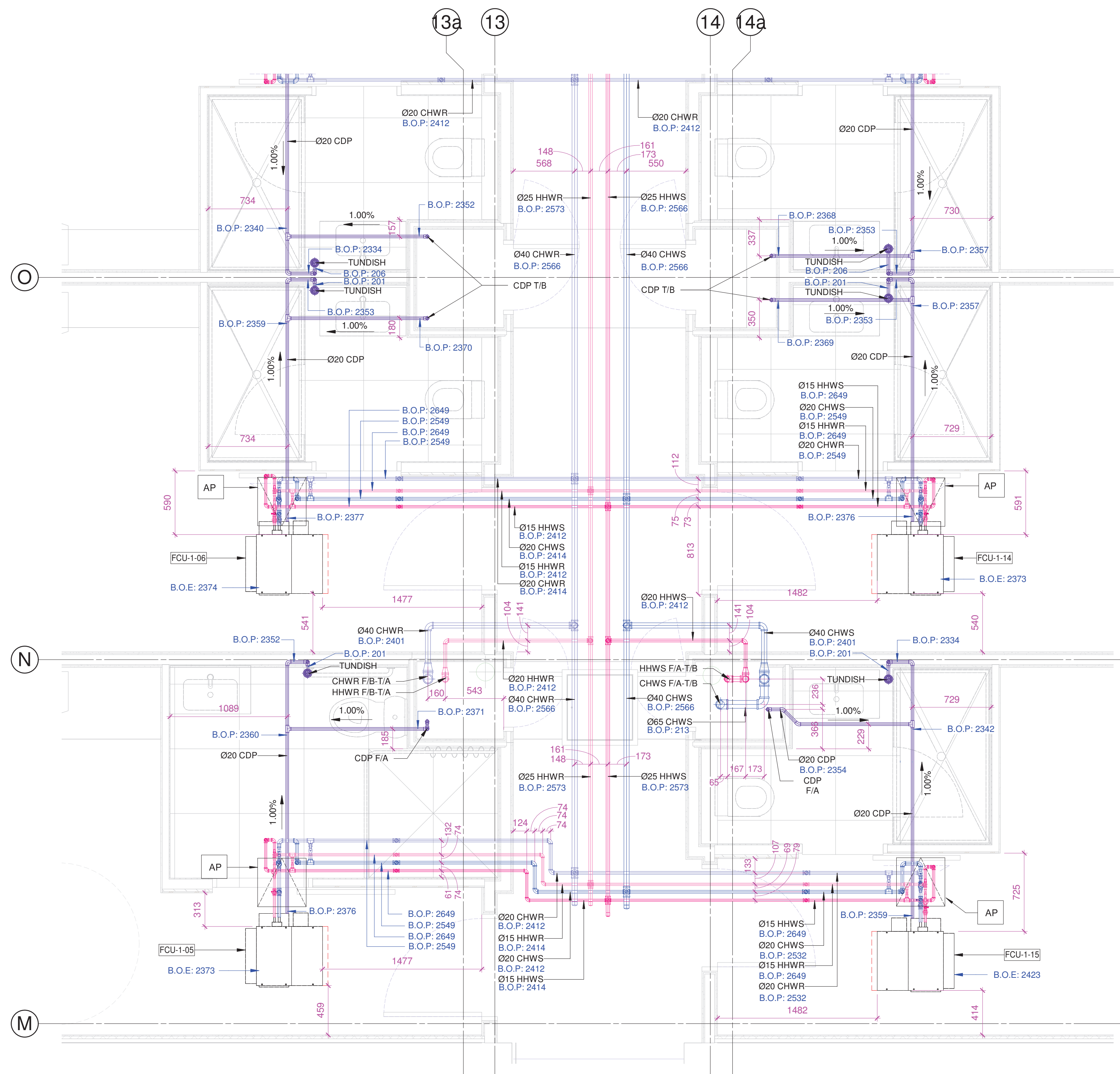
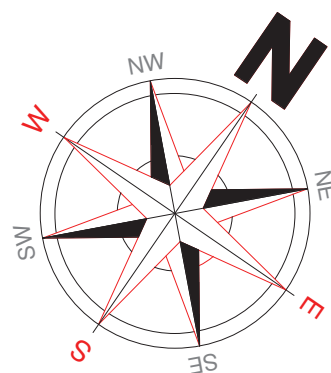
2 GROUND HVAC PIPING 3D VIEW
@A1



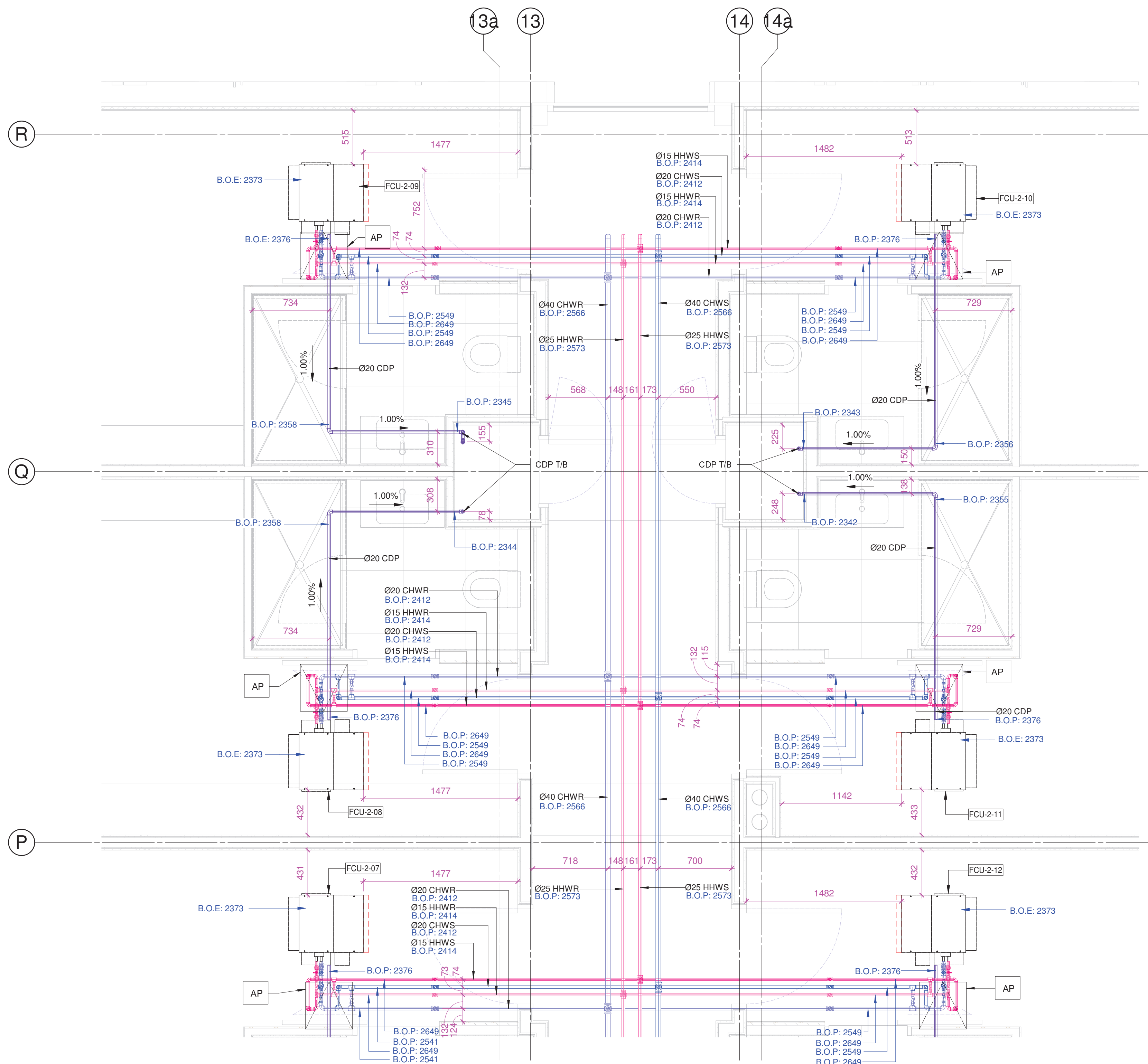
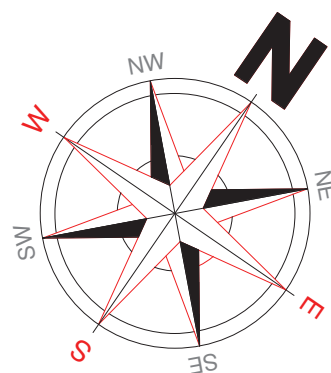
1 M501 01ST FLOOR
1 : 50 @A1



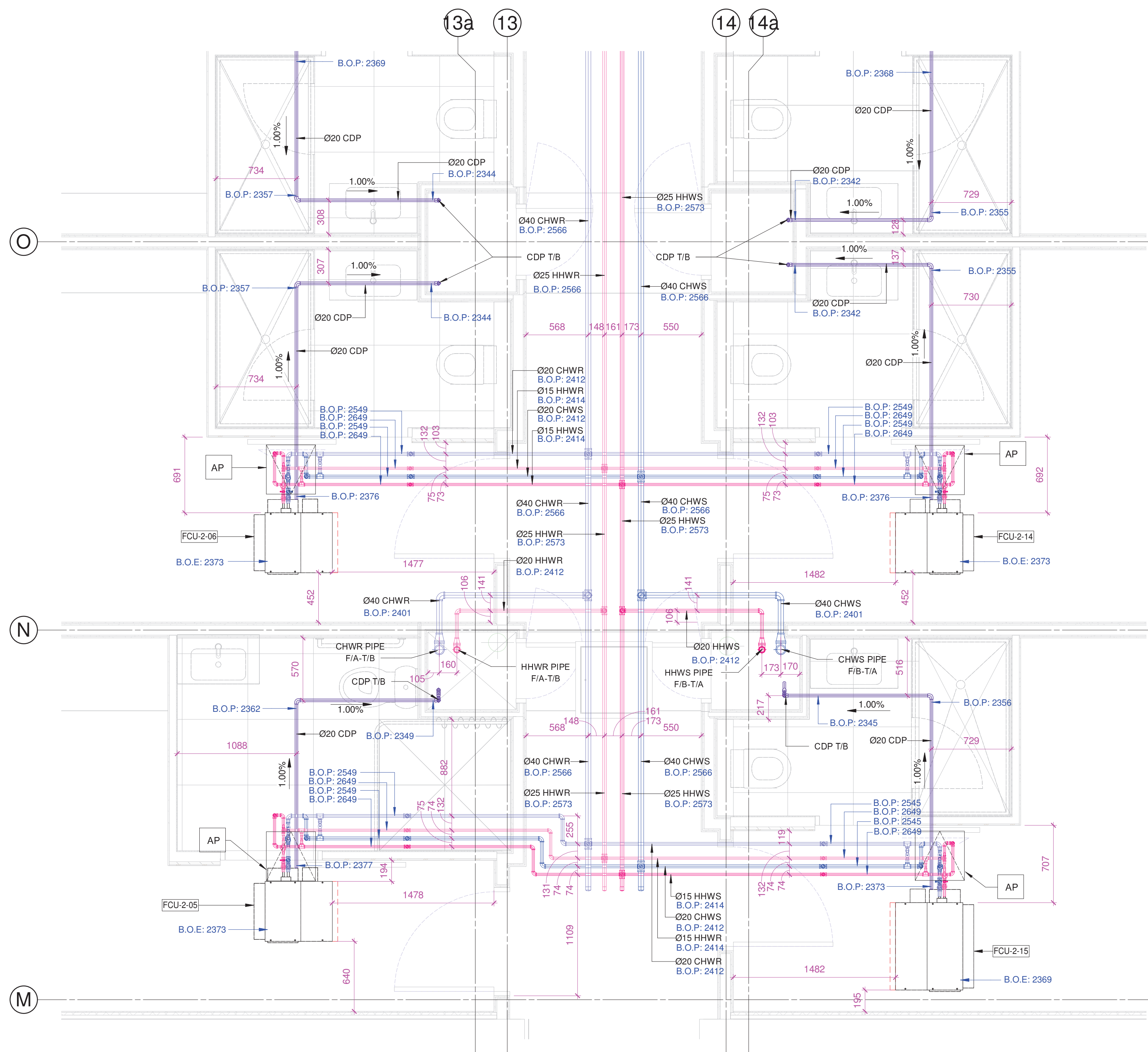
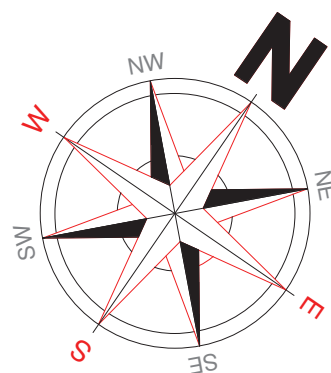
1 FIRST FLOOR HVAC PIPING LAYOUT PART 1
M100 1 : 25 @A1



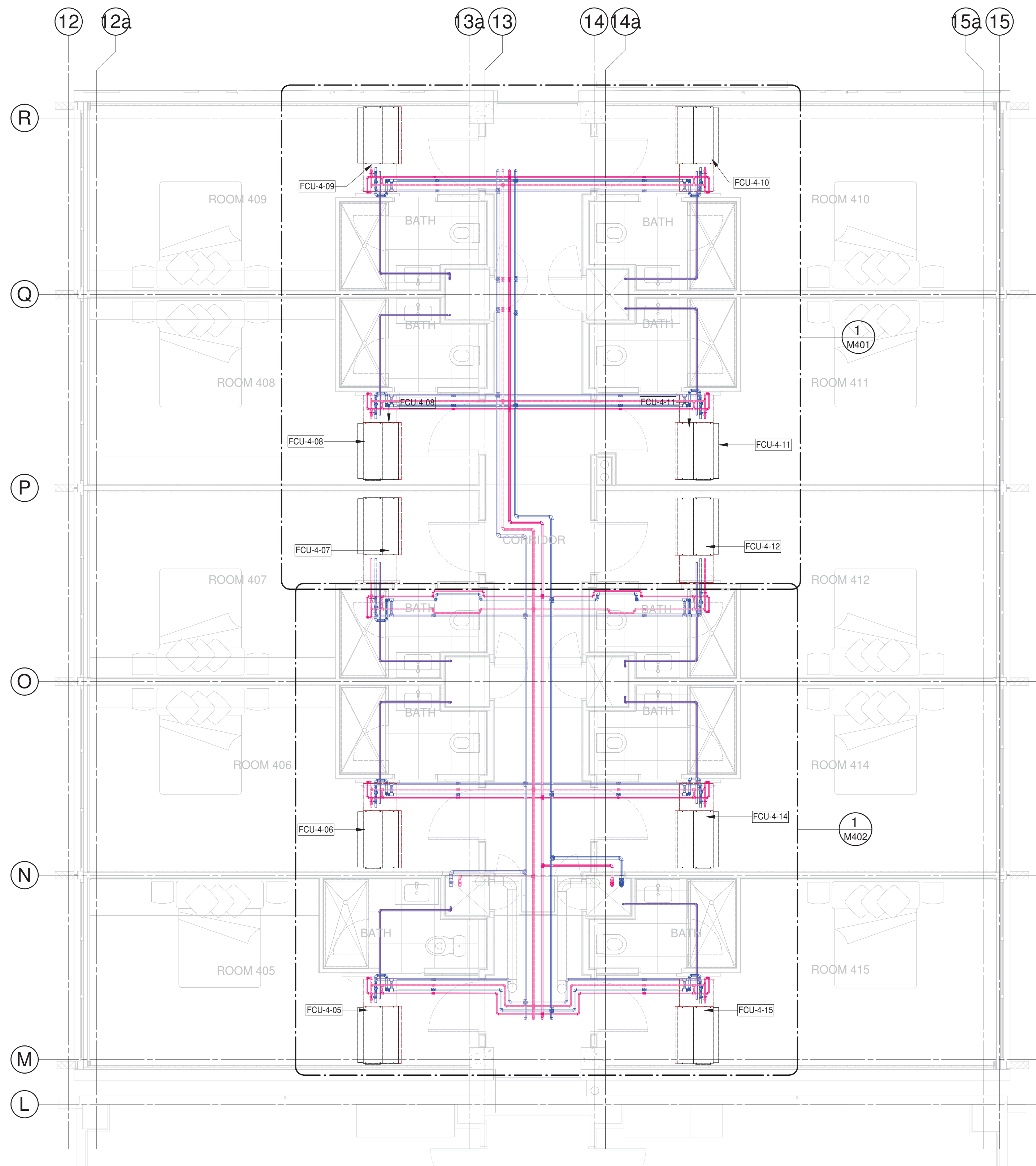
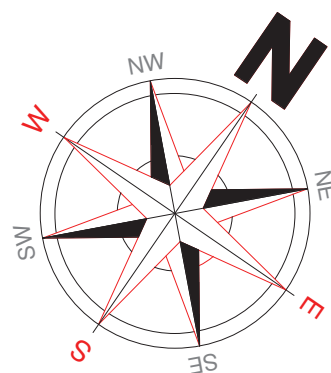
1 FIRST FLOOR HVAC PIPING LAYOUT PART 2
M100 1 : 25 @A1



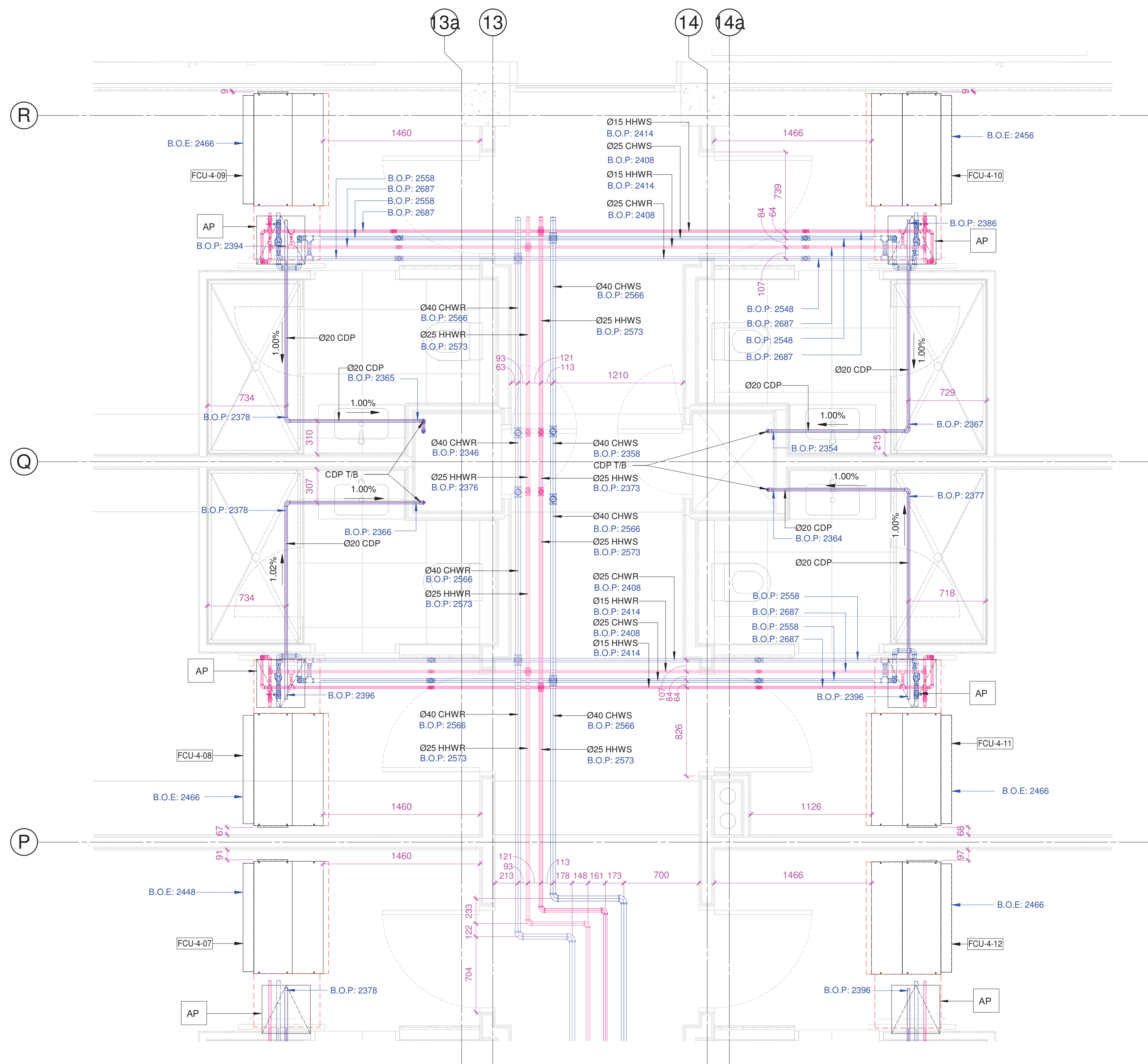
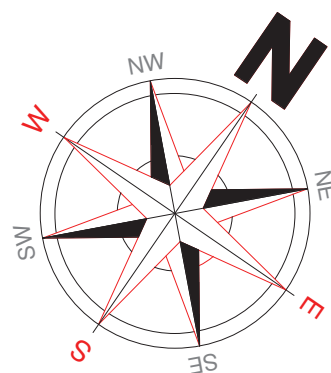
1 SECOND FLOOR HVAC PIPING LAYOUT - PART 1
M200 1 : 25 @A1



1 SECOND FLOOR HVAC PIPING LAYOUT - PART 2
M200 1 : 25 @A1



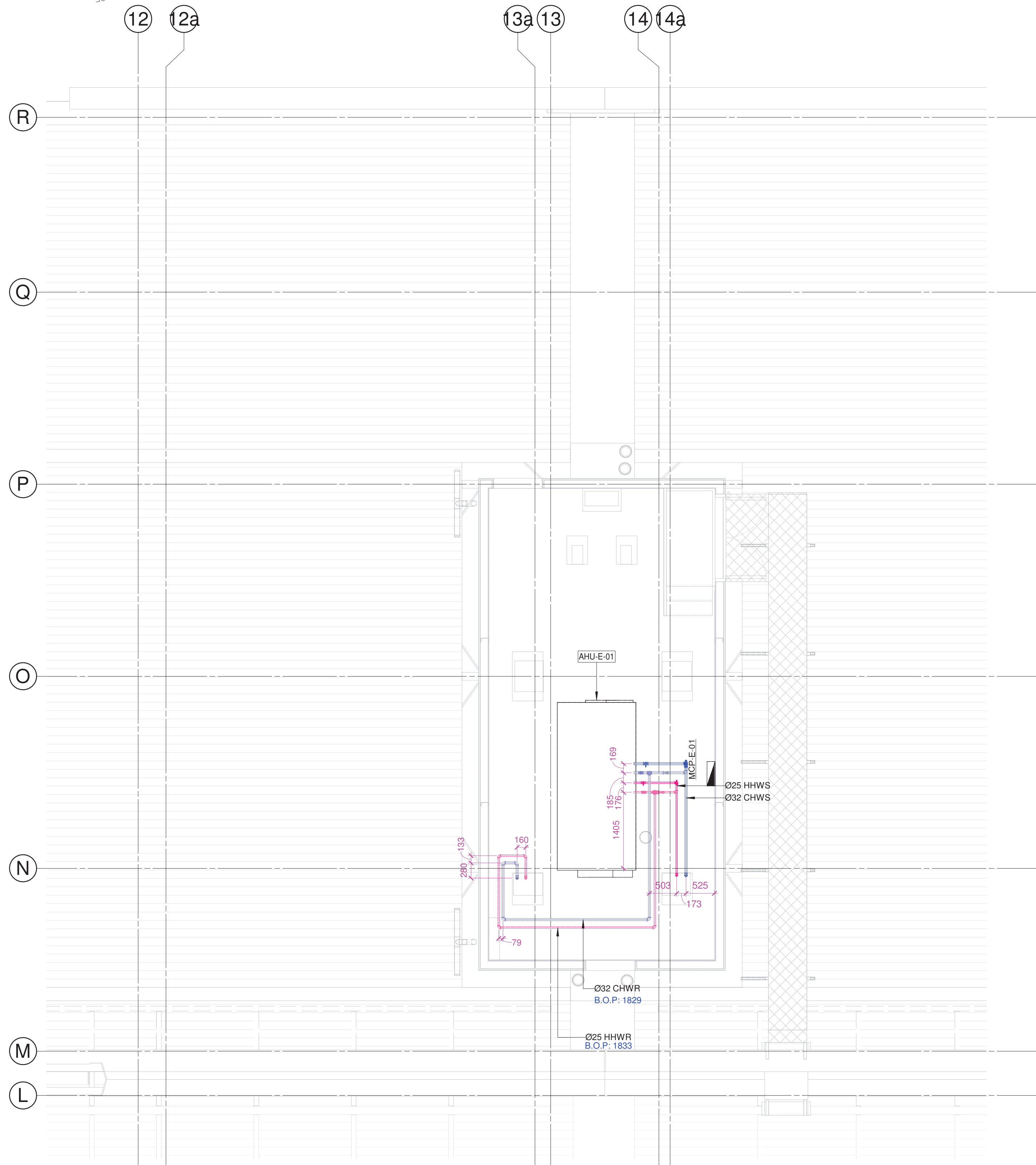
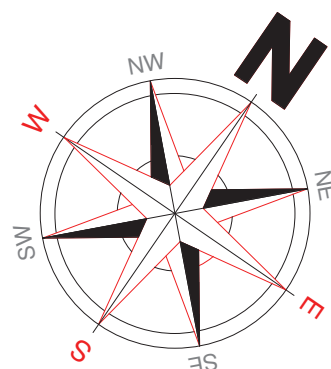
1 FOURTH FLOOR PIPING LAYOUT
1 : 50 @A1



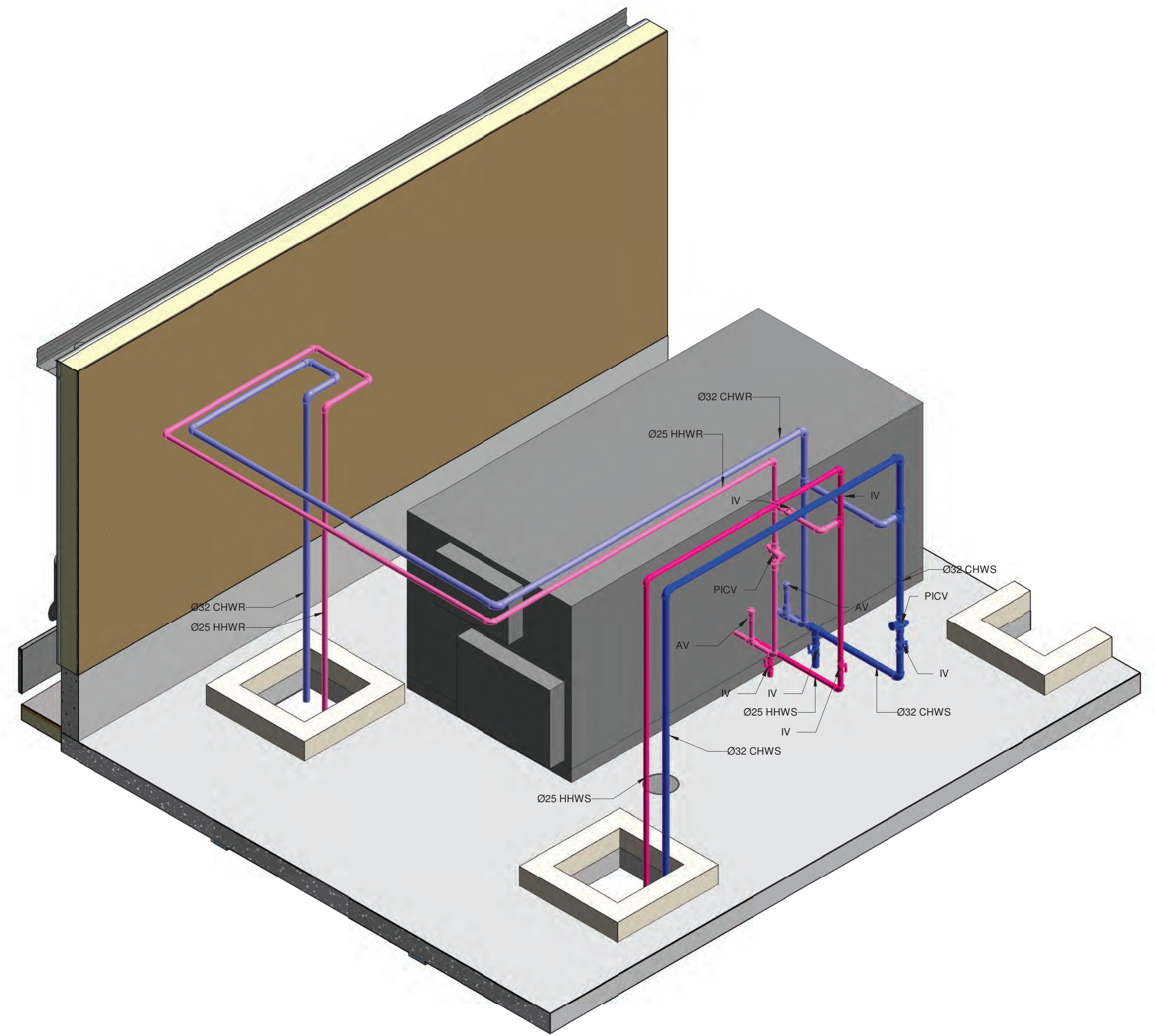
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M400

FOURTH FLOOR HVAC PIPING LAYOUT PART 1

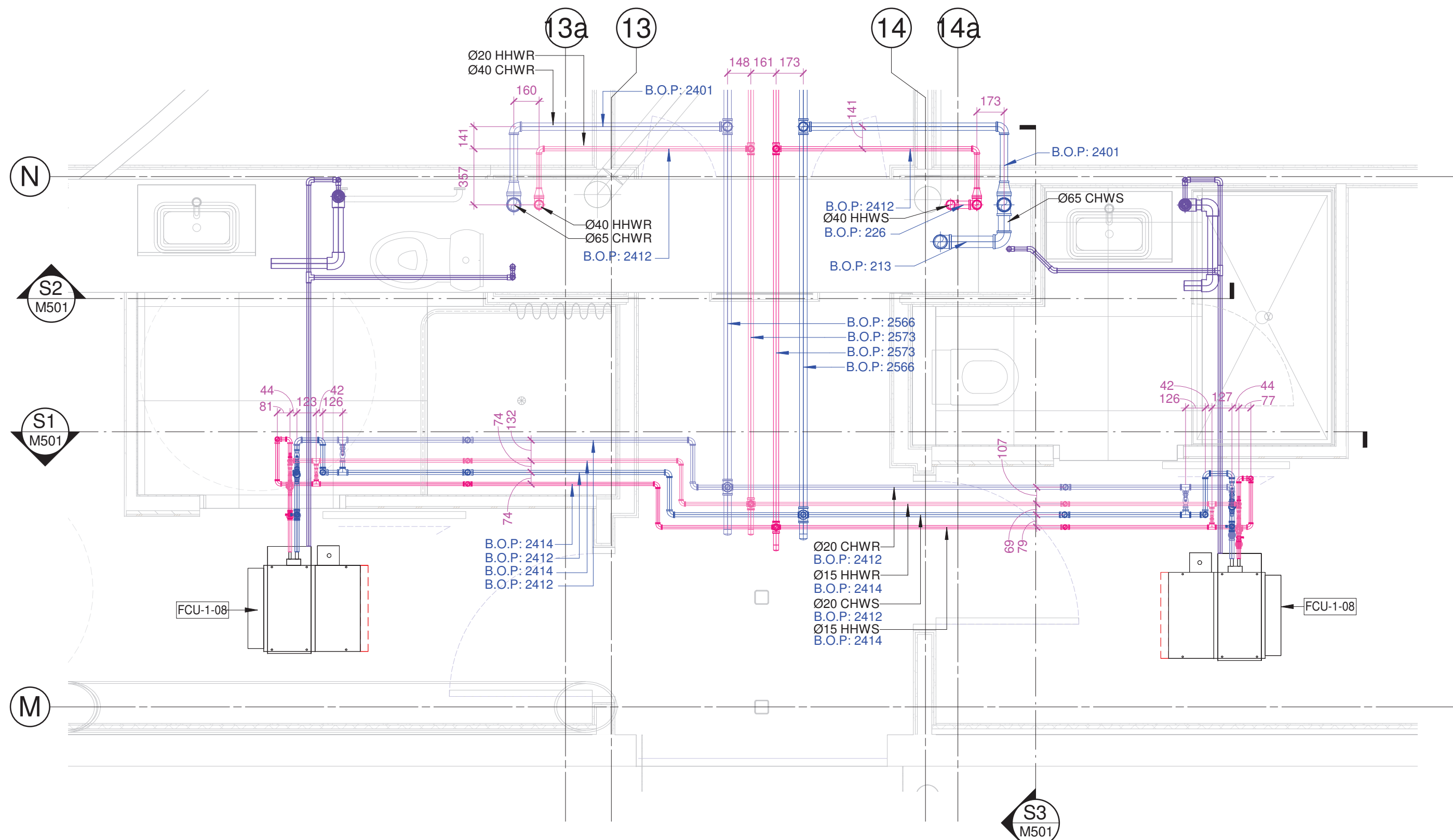
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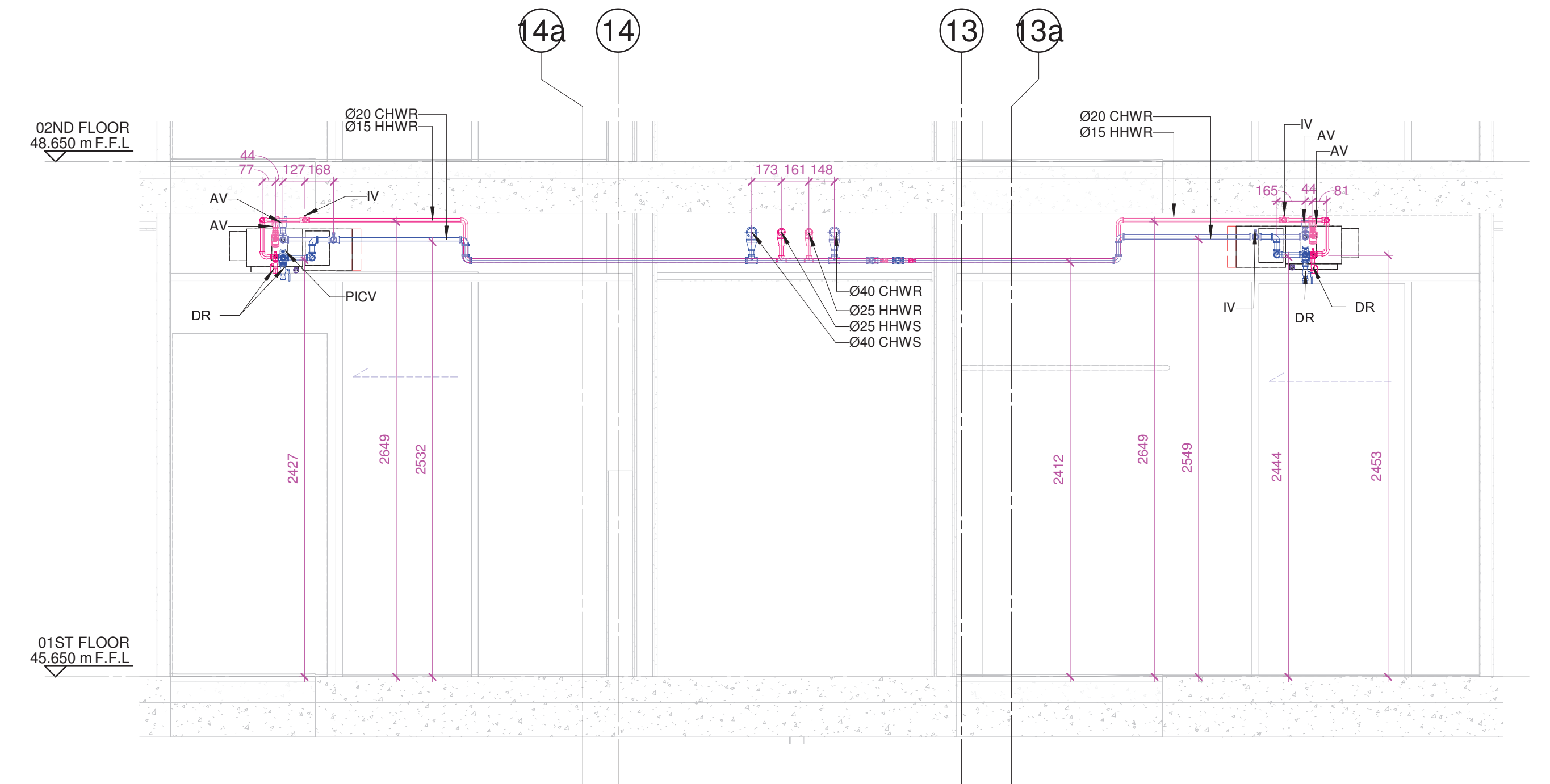
1 PLANT ROOM PIPING LAYOUT
1 : 50 @A1



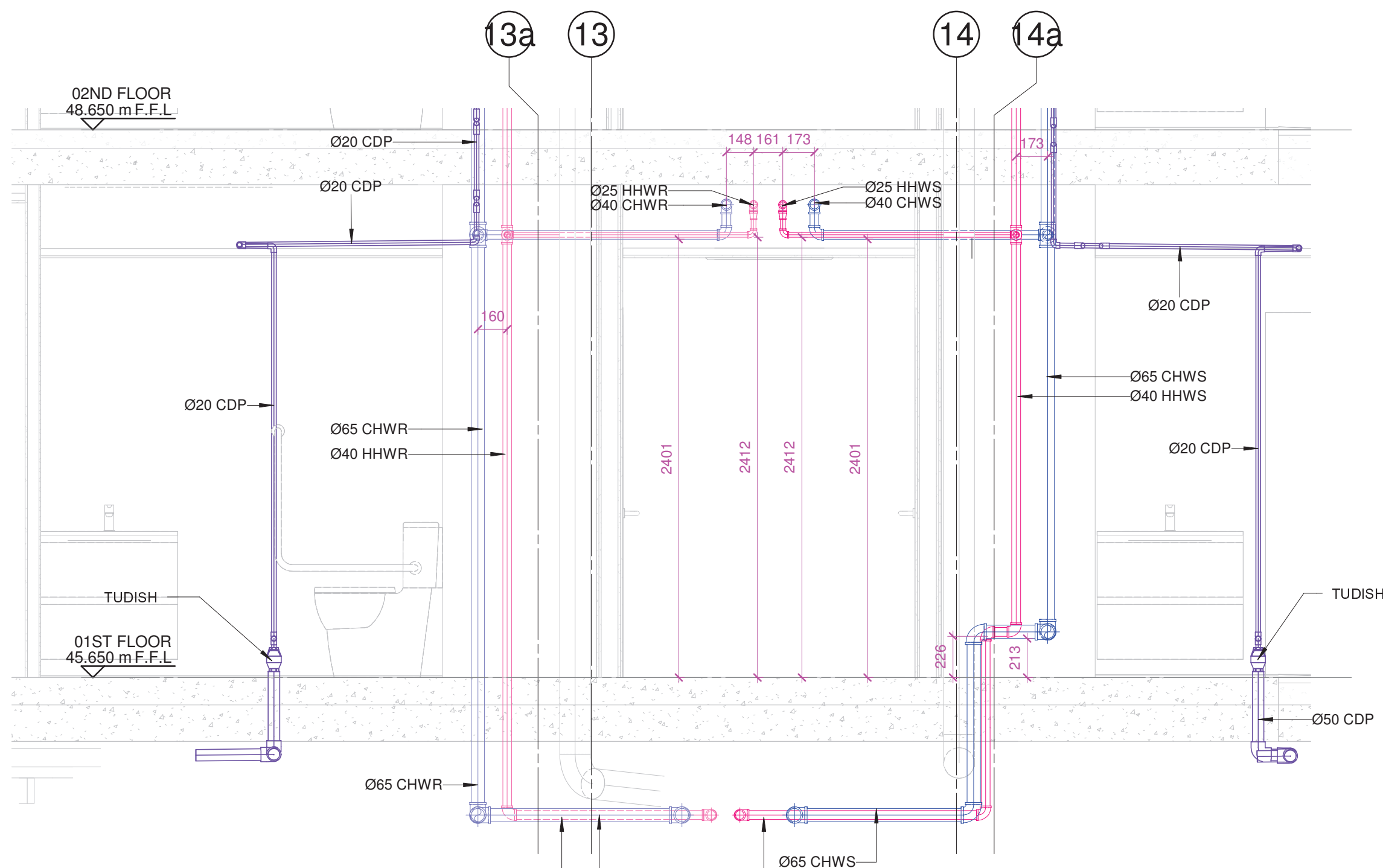
2 ROOF LEVEL HVAC PIPING 3D VIEW
@A1



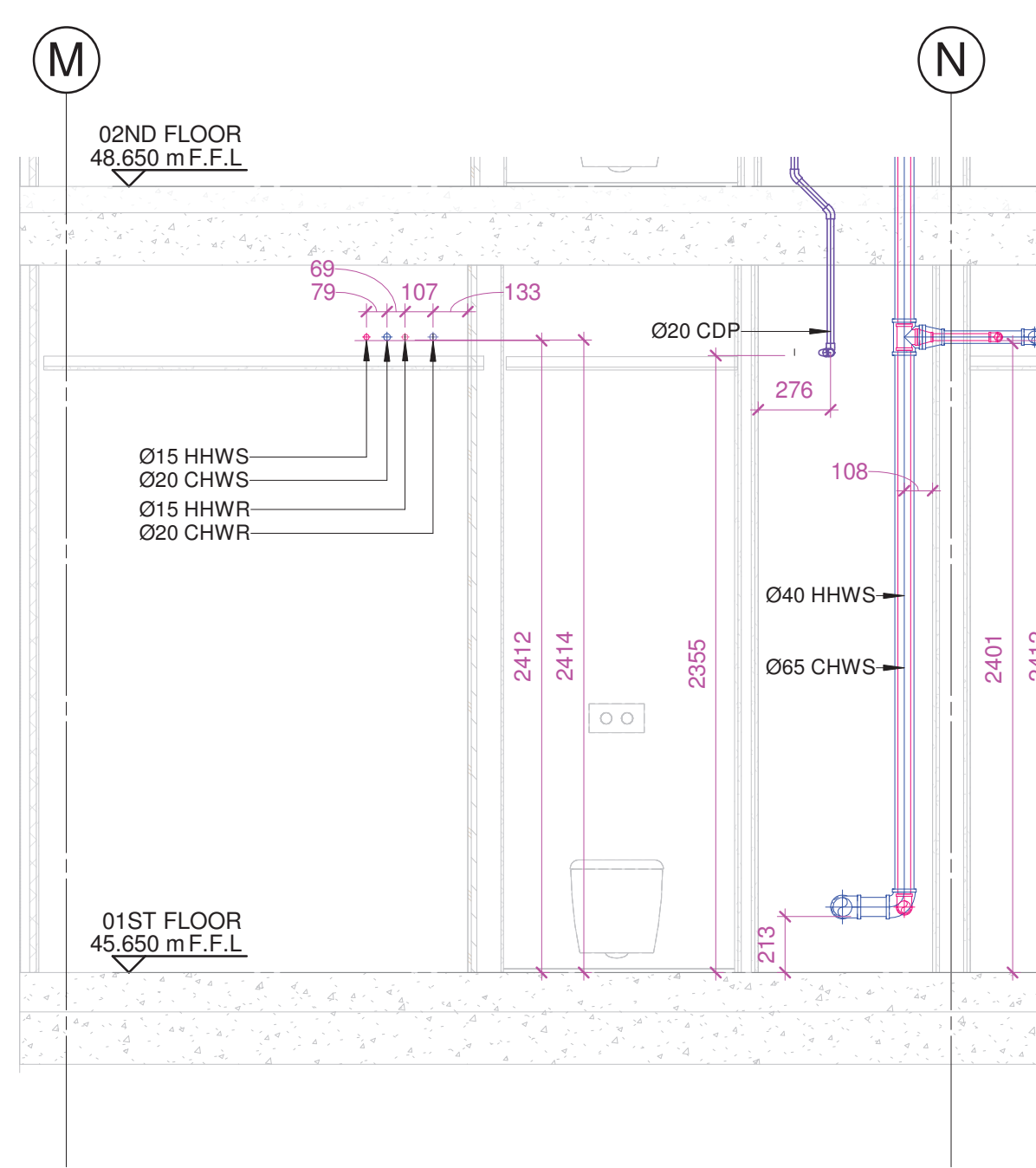
1 TYPICAL FCU CHW & HHW PIPING LAYOUT
1 : 25 @A1



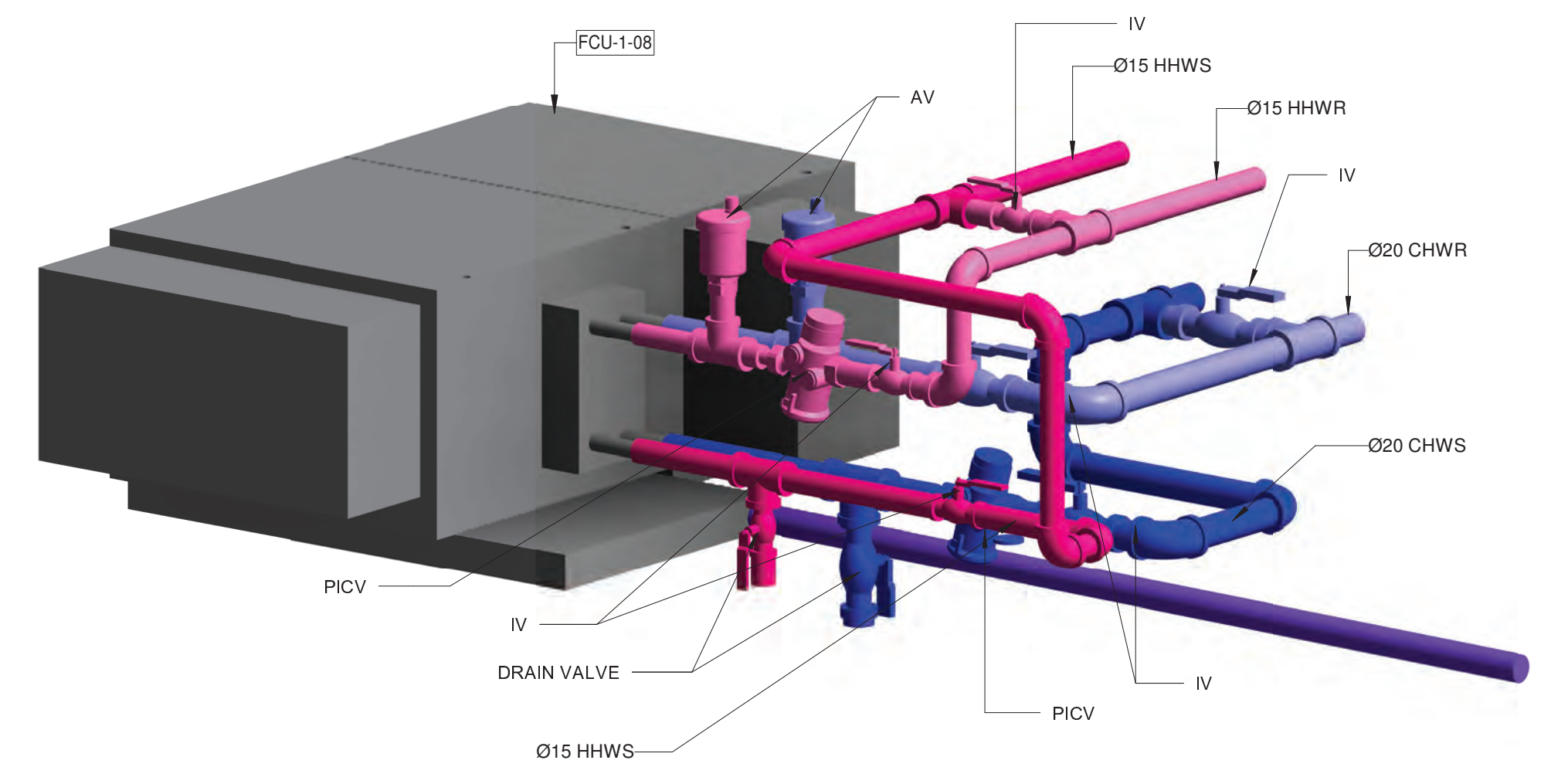
S1 SECTION S1
1 : 25 @A1



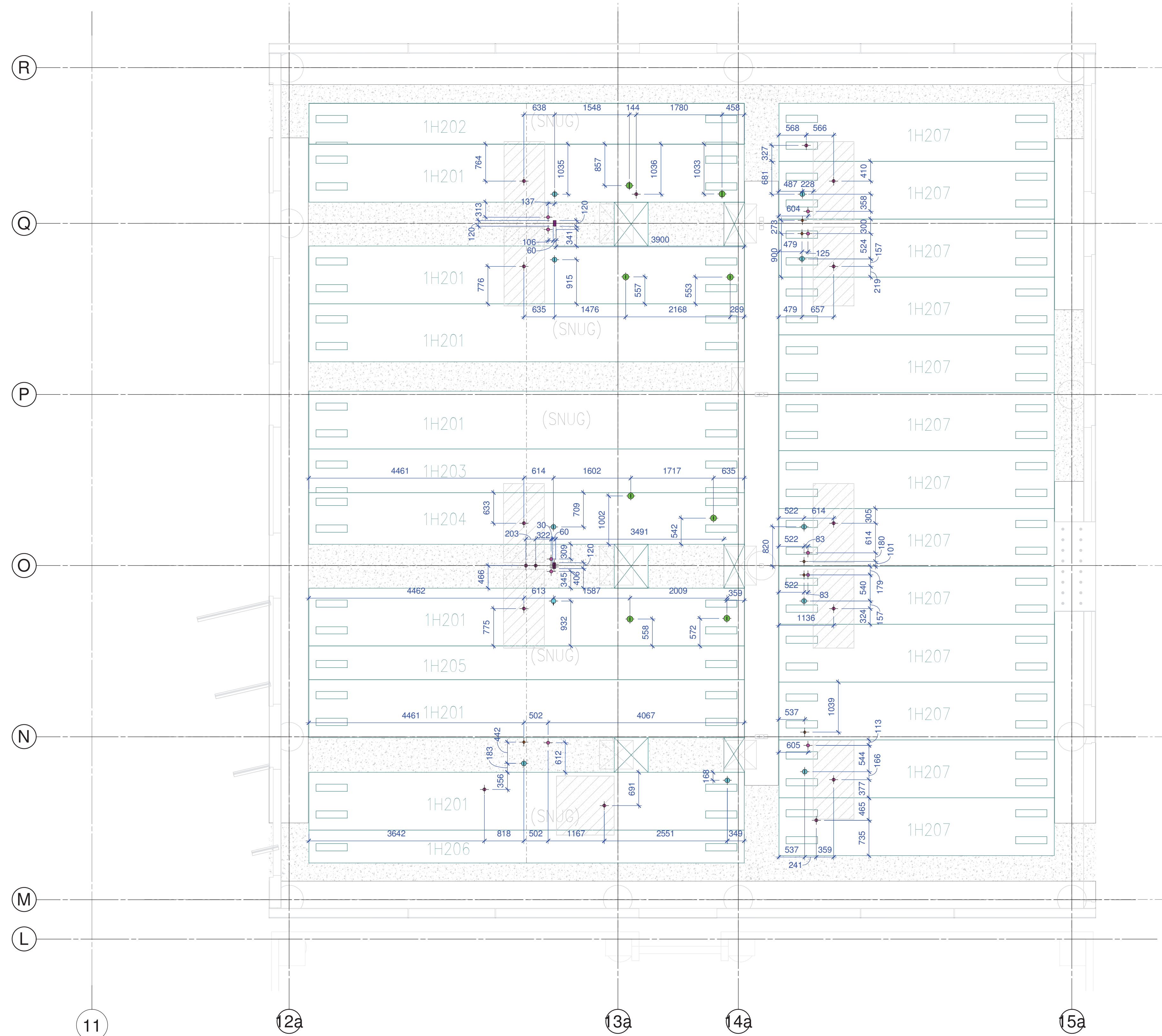
S2 SECTION S2
1 : 25 @A1



S3 SECTION S3
1 : 25 @A1



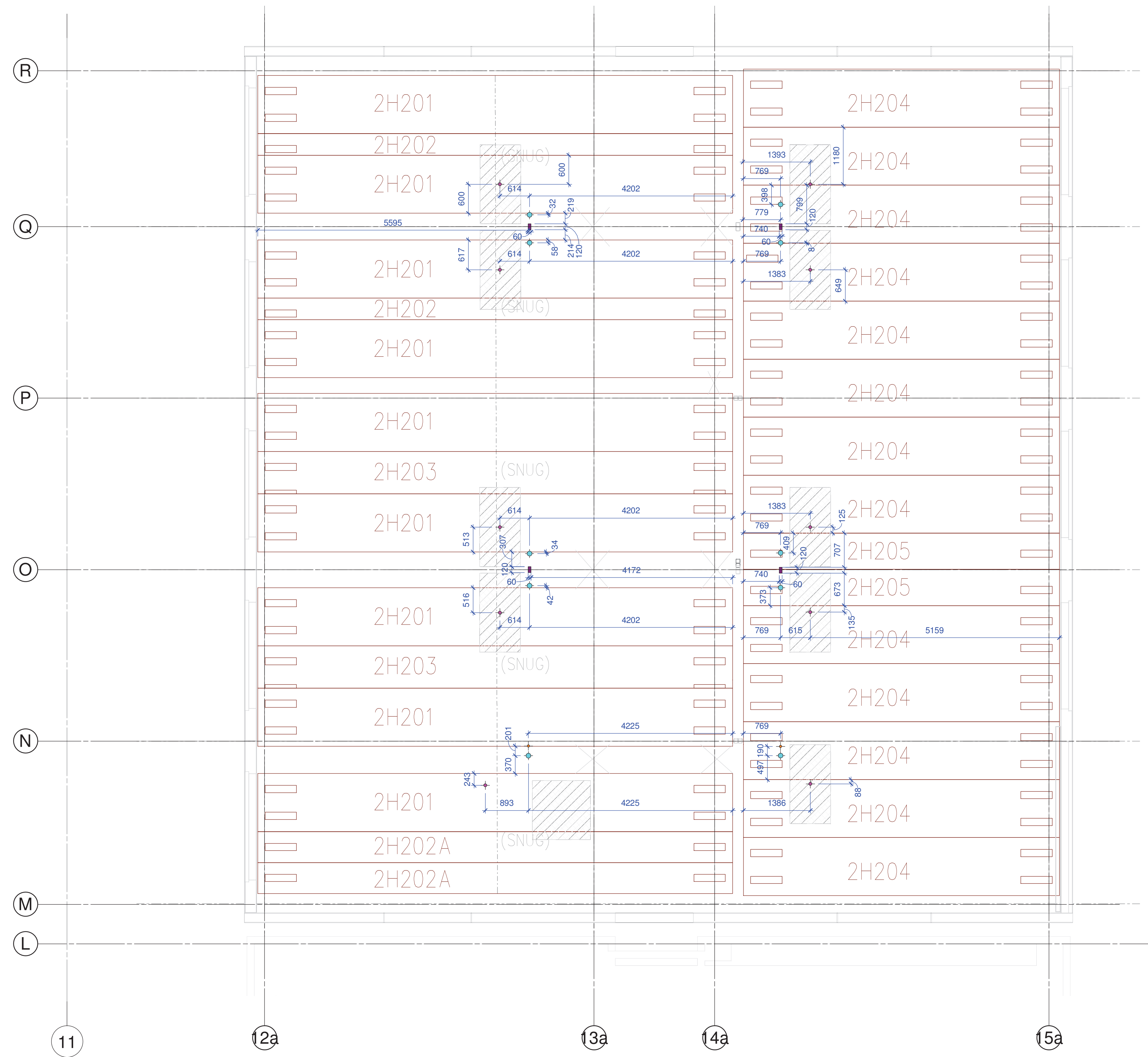
2 FCU VALVE ASSEMBLY TYPICAL DETAIL
@A1



LEGEND:-	
	500 SLEEVE FOR 400 PIPE
	650 SLEEVE FOR 500 PIPE
	1000 SLEEVE FOR 800 PIPE
	1250 SLEEVE FOR 1000 PIPE
	60X120 CUTOUT 500 PIPE, 2NOS.

NOTE:-
THE DRAINAGE PIPES SHOWN IN HOLLOW CORE HAS BEEN COORDINATED AS PER THE PROVIDED ARCHITECTURAL & STRUCTURAL MODELS.
WE HAVE USED ONLY THE BACKGROUND OF THE HOLLOW CORE CAD DRAWINGS PROVIDED BY THE STRESSCRETE.
WE HAVE SHOWN THE REFERENCE DIMENSIONS FOR EACH DRAINAGE PIPES PENETRATING THE HOLLOW CORE SLABS FROM THEIR EDGE.
FOR ANY COORDINATION ISSUES BETWEEN THE HOLLOW CORE SLABS AND MEP PENETRATIONS WILL BE RESOLVED AT SITE.

1 FIRST FLOOR PENETRATION LAYOUT
1 : 50 @ A1



LEGEND:-	
	500 SLEEVE FOR 400 PIPE
	650 SLEEVE FOR 500 PIPE
	1000 SLEEVE FOR 800 PIPE
	1250 SLEEVE FOR 1000 PIPE
	60X120 CUTOUT 500 PIPE, 2NOS.

NOTE:-
THE DRAINAGE PIPES SHOWN IN HOLLOW CORE HAS BEEN COORDINATED AS PER THE PROVIDED ARCHITECTURAL & STRUCTURAL MODELS. WE HAVE USED ONLY THE BACKGROUND OF THE HOLLOW CORE CAD DRAWINGS PROVIDED BY THE STRESSCRETE. WE HAVE SHOWN THE REFERENCE DIMENSIONS FOR EACH DRAINAGE PIPES PENETRATING THE HOLLOW CORE SLABS FROM THEIR EDGE. FOR ANY COORDINATION ISSUES BETWEEN THE HOLLOW CORE SLABS AND MEP PENETRATIONS WILL BE RESOLVED AT SITE.

1 THIRD FLOOR PENETRATION LAYOUT
- 1 : 50 @ A1