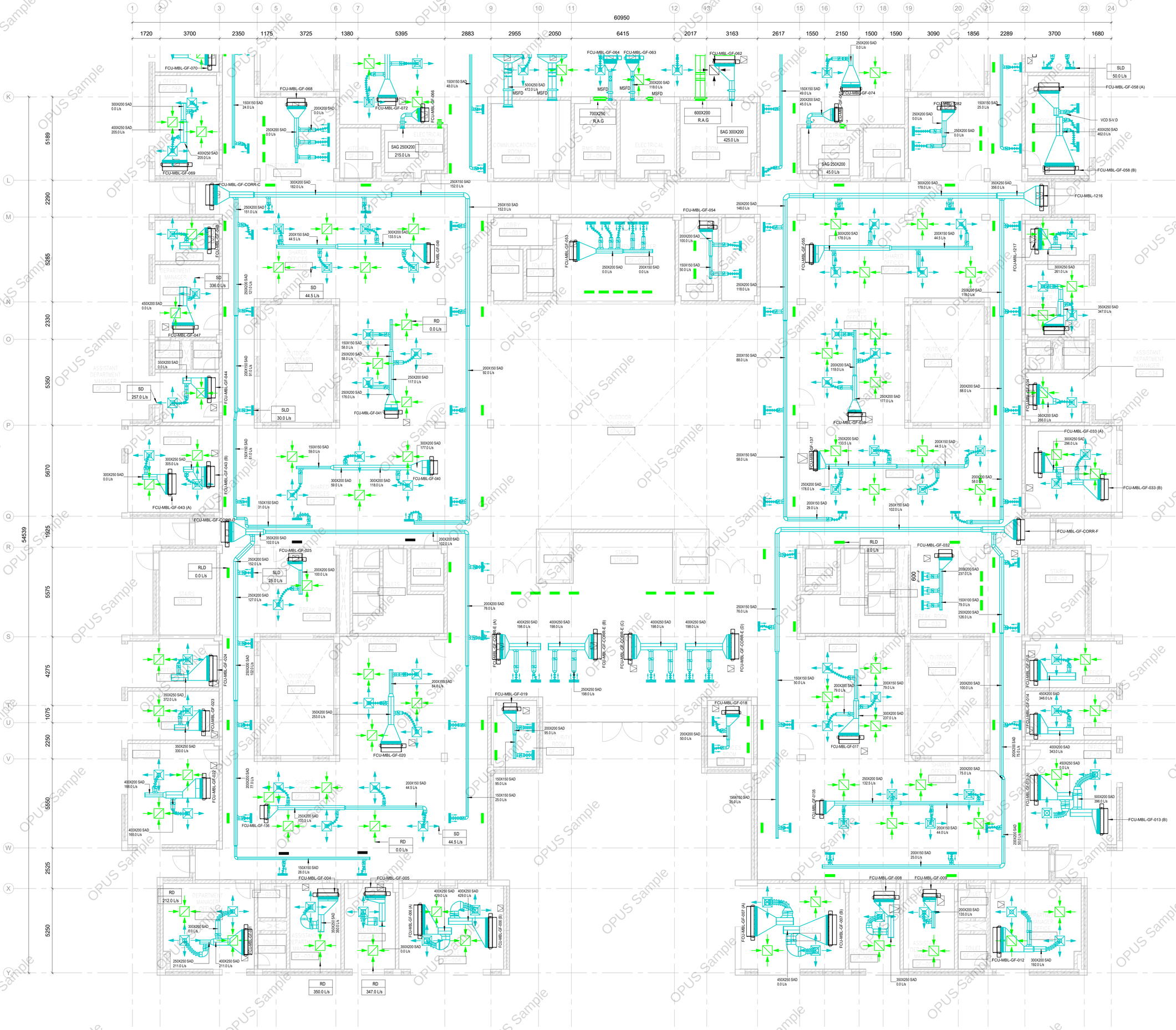
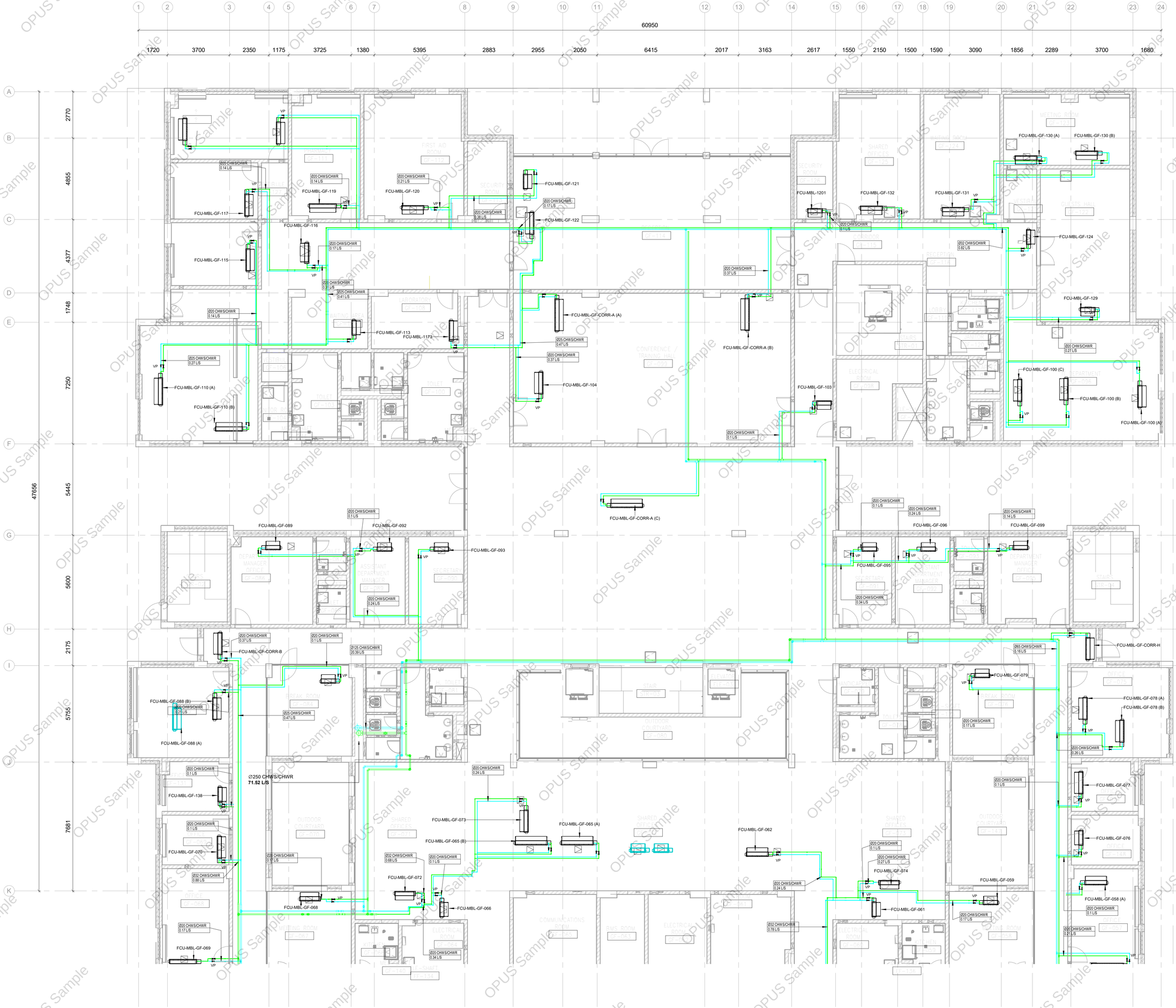


1 GROUND FLOOR HVAC DUCTING LAYOUT PART 1/2

SCALE: 1 : 100



1 GROUND FLOOR-CHILLED WATER PIPING LAYOUT-PART 2/2

SCALE: 1 : 100

OPUS Sample

FIRE PROTECION GROUND FLOOR PLAN PART 2

I : 100

FOR TIE-IN CONNECTION,
REFER TO INFRA WET UTILITIES DRAWING No.
R00841-GID-MAK-MAK-XXX-XXXDAR-DWG-FWA-100001

N 2730945302
E 667508814
F.F.L -1230

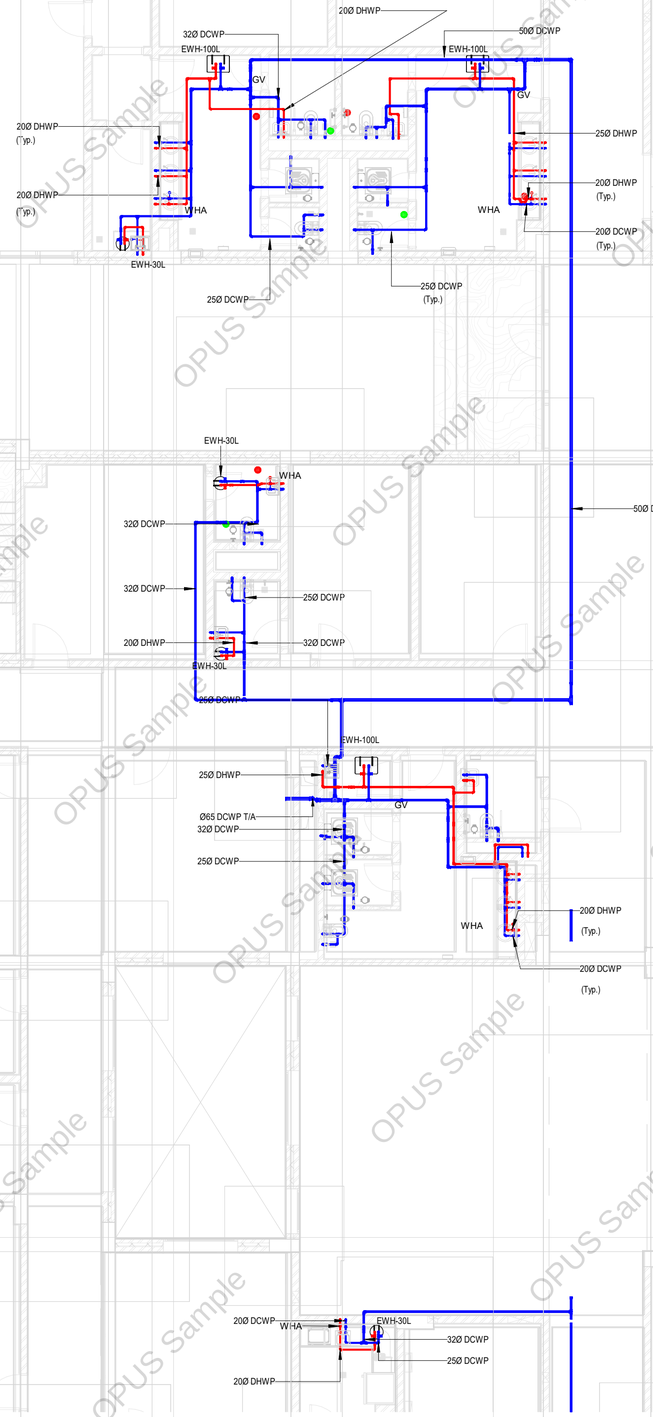
VALVE CHAMBER WITH
CHECK VALVE &
OS & Y GATE VALVE

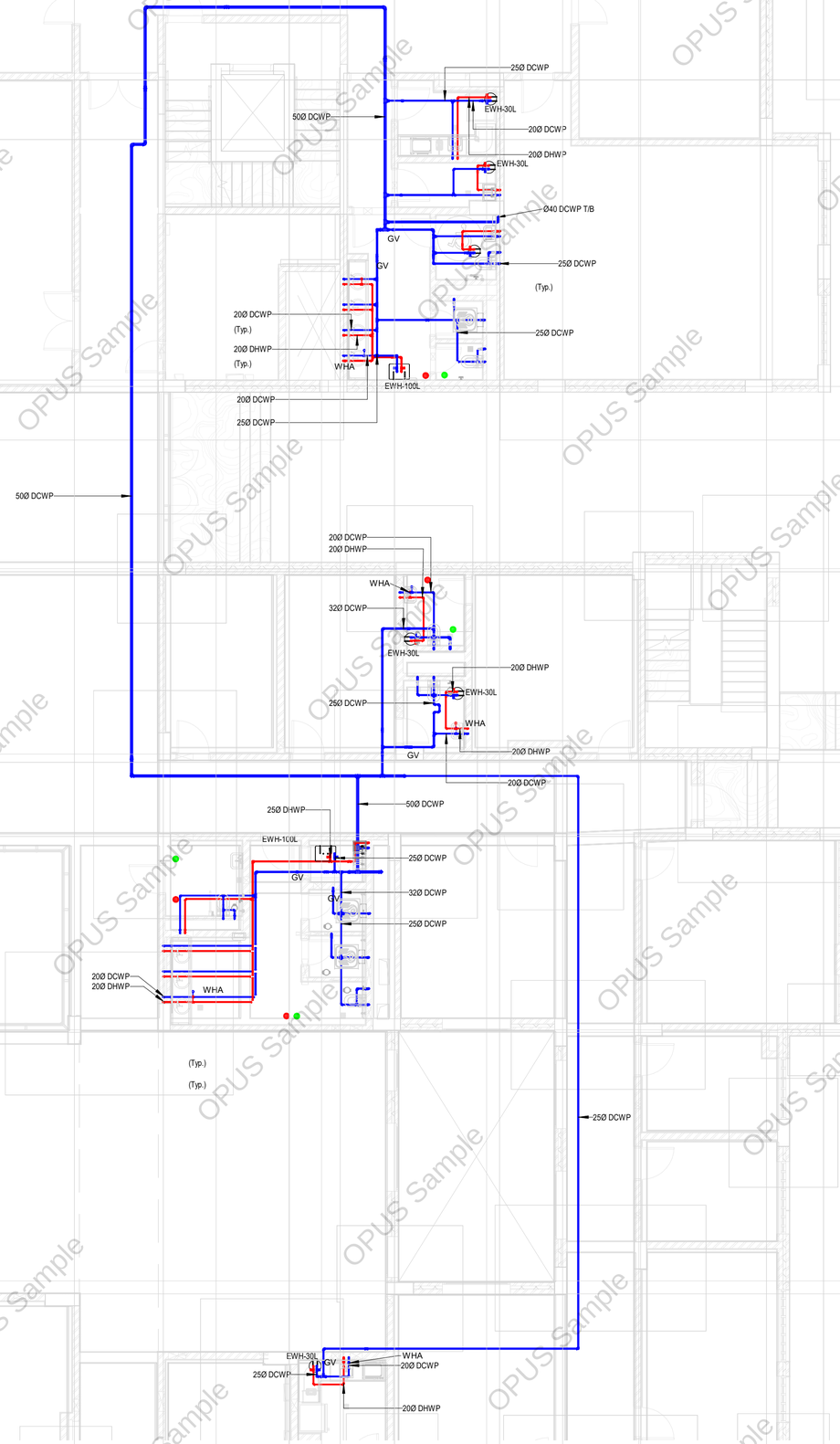
2 WAY Ø65 FDC

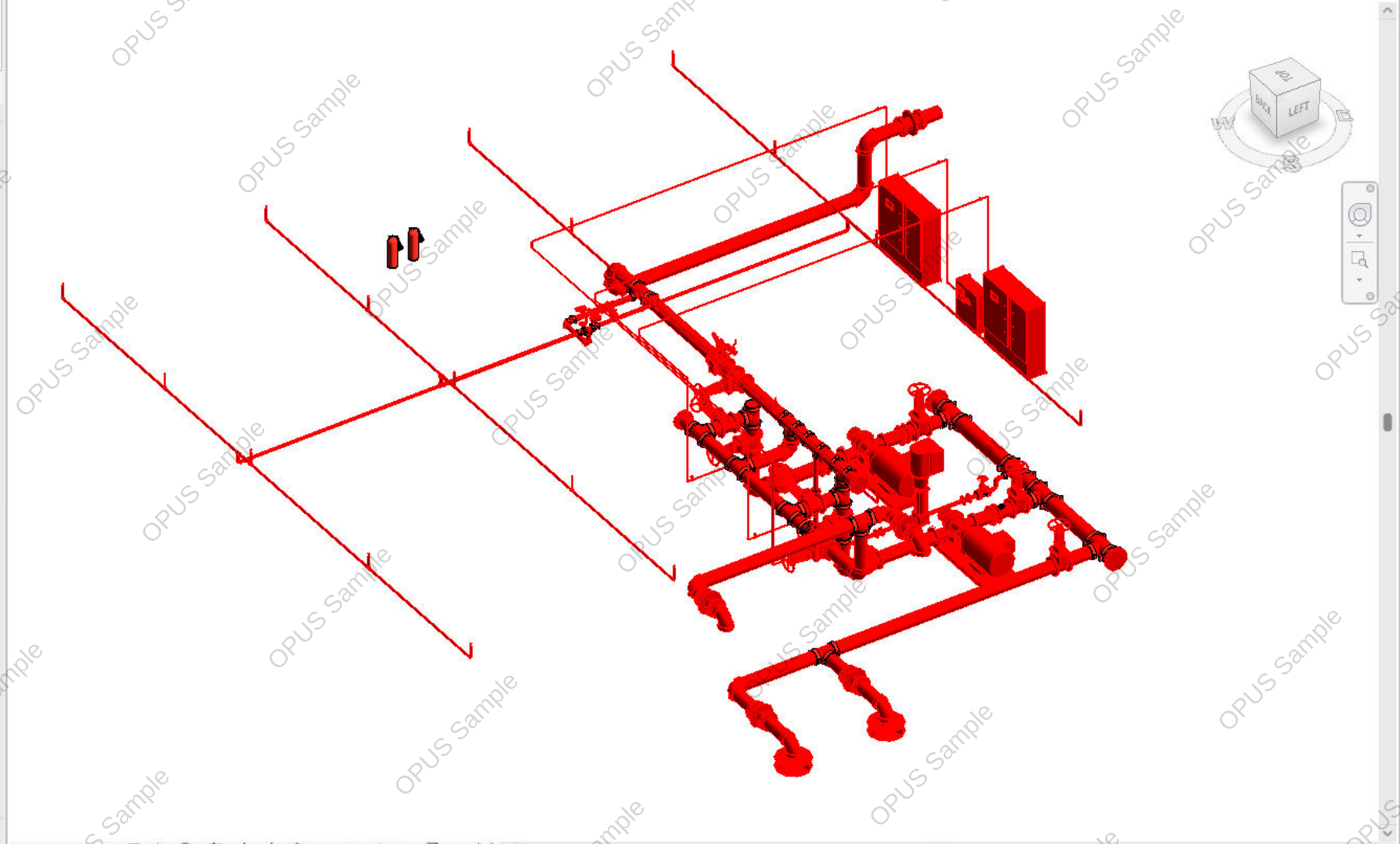
Ø50mm CONDENSATE
DRAIN PIPE TO
NEAREST FLOOR DRAIN

REFER TO R00841-GID-MAK-MAK-MBL-XXX-DAR-DWG-FPR-100003

REFER TO R00841-GID-MAK-MAK-MBL-XXX-DAR-DWG-FPR-100003


20Ø DHWP
32Ø DCWP
EWH-100L
50Ø DCWP
EWH-100L
GV
GV
20Ø DHWP
(Typ.)
20Ø DHWP
(Typ.)
WHA
WHA
25Ø DHWP
20Ø DHWP
(Typ.)
20Ø DCWP
(Typ.)
EWH-30L
25Ø DCWP
25Ø DCWP
(Typ.)
EWH-30L
WHA
50Ø DCWP
32Ø DCWP
32Ø DCWP
25Ø DCWP
20Ø DHWP
32Ø DCWP
EWH-30L
25Ø DCWP
UP
65Ø DCWP
EWH-100L
25Ø DHWP
Ø65 DCWP T/A
32Ø DCWP
25Ø DCWP
GV
WHA
20Ø DHWP
(Typ.)
20Ø DCWP
(Typ.)
20Ø DCWP
WHA
EWH-30L
32Ø DCWP
25Ø DCWP
20Ø DHWP


25Ø DCWP
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20Ø DHWP
EWH-30L
Ø40 DCWP T/B
GV
GV
25Ø DCWP
(Typ.)
20Ø DCWP
(Typ.)
20Ø DHWP
(Typ.)
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WHA
EWH-100L
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20Ø DHWP
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EWH-30L
20Ø DHWP
EWH-30L
25Ø DCWP
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GV
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20Ø DCWP
20Ø DHWP
WHA
(Typ.)
(Typ.)
25Ø DCWP
EWH-30L
GV
WHA
20Ø DCWP
25Ø DCWP
20Ø DHWP



3D View

3D View: {3D - [redacted]

Edit Type

Graphics

View Scale	1 : 100
Scale Value 1:	100
Detail Level	Fine
Parts Visibility	Show Original
Visibility/Graphics Overri...	Edit...
Graphic Display Options	Edit...
Discipline	Coordination
Show Hidden Lines	By Discipline
Default Analysis Display ...	None
Show Grids	Edit...
Sun Path	☐
DAR_G_Sheet Discipline	
DAR_G_Sub Discipline	
DAR_G_View Group	
Sub Folder	
Sub-Discipline	

Text

DAR_SCALE PROMPT	
DETAIL NUMBER "LEGEN...	
Folder	
Level Drafting Name	
QS_ID	
Sub-Discipline	
View Group	

Extents

Crop View	☐
Crop Region Visible	☐
Annotation Crop	☐
Far Clip Active	☐
Far Clip Offset	304800.0
Scope Box	None
Section Box	☐

Camera

Rendering Settings	Edit...
Locked Orientation	☐
Projection Mode	Orthographic
Eye Elevation	35231.4
Target Elevation	4214.8

Apply

Search

- 1.00_FIRE PROTECTION
  - F300_ FIRE PROTECTION RISER DIA
    - Drafting View: FIRE PROTEC
- 1.00_MECHANICAL
  - FP100_FLOOR PLANS
    - Drafting View: FIRE PUMP S
    - Floor Plan: GROUND FLOOR
    - Floor Plan: PUMP ROOM FI
    - Floor Plan: UNDERGROUND
- 1.00_PLUMBING
  - P700_3D PRESENTATION
    - 3D View: Cover Sheet
    - 3D View: Landing Page
  - P800_NAVISWORK EXPORT
    - 3D View: Navis
- ???
  - ???
    - 3D View: {3D - Asif.aliR6YZ2
    - 3D View: {3D - Kashif.majee
    - 3D View: {3D - mohammad.
    - 3D View: {3D - muhammad.
    - 3D View: {3D - muhammad.
    - **3D View: {3D - shehryar2l**
    - 3D View: {3D - umair.hafeez
    - 3D View: {3D - Zohaib.siddi
    - Section: PUMP ROOM FIRE
    - Section: PUMP ROOM FIRE
    - Section: PUMP ROOM FIRE
- Legends
- Schedules/Quantities (all)
- Sheets (PLU-DAR)
  - 1.00_PLUMBING
    - 000001 - COVER SHEET
    - 000002 - LIST OF DRAWINGS
    - 100001 - UNDERGROUND LEVEL F
      - Drafting View: FIRE PUMP S
      - Floor Plan: UNDERGROUND
      - Legend: FIRE PROTECTION
    - 300001 - SECTION VIEWS

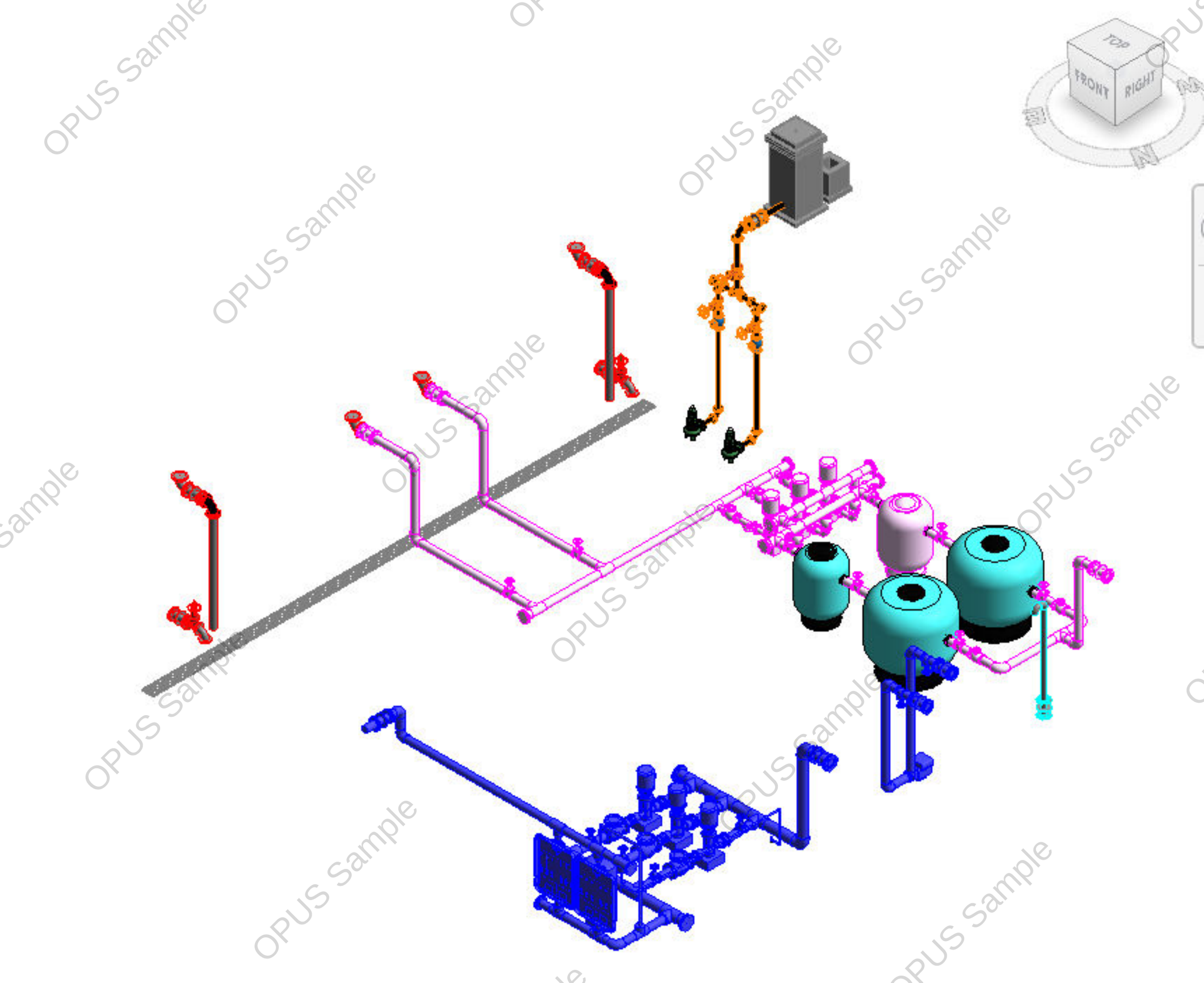
1 : 100

Click to select, TAB for alternates, CTRL adds, SHIFT unselects.

Main Model

Editable Only

OPUS Sample


TOP
FRONT
RIGHT



3D View

D View: {3D [redacted]

Edit Type

raphics

View Scale	1 : 100
Scale Value 1:	100
Detail Level	Fine
Parts Visibility	Show Original
Visibility/Graphics Overri...	Edit...
Graphic Display Options	Edit...
Discipline	Coordination
Show Hidden Lines	By Discipline
Default Analysis Display ...	None
Show Grids	Edit...
Sun Path	☐
DAR_G_Sheet Discipline	
DAR_G_Sub Discipline	
DAR_G_View Group	
Sub Folder	
Sub-Discipline	

ext

DETAIL NUMBER "LEGEN...	
Folder	
Sub-Discipline	
View Group	

xtents

Crop View	☐
Crop Region Visible	☐
Annotation Crop	☐
Far Clip Active	☐
Far Clip Offset	304800.0
Scope Box	None
Section Box	☑

amera

Rendering Settings	Edit...
Locked Orientation	☐
Projection Mode	Orthographic
Eye Elevation	47396.4
Target Elevation	6711.4
Camera Position	Adjusting

dentity Data

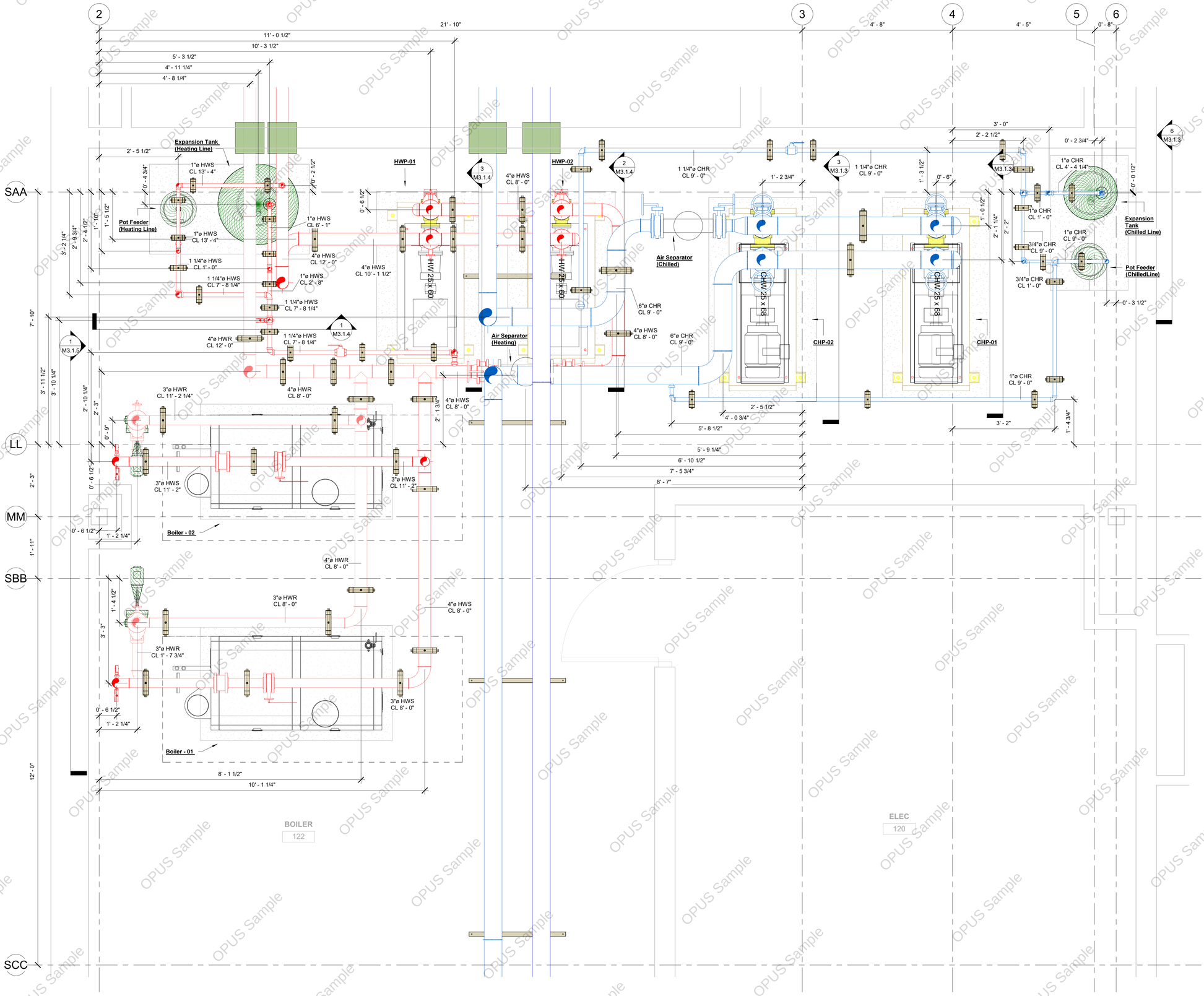
View Template	<None>

Search

Views [redacted]

- 1.00_FIRE PROTECTION
  - F500_3D NAVISWORK EXPOR
    - 3D View: 3D View_Nav
  - F600_3D PRESENTATION
    - 3D View: cover sheet
    - 3D View: LANDING 3D
    - Drafting View: Notes
  - P100_FIRE PROTECTION FLOO
    - Floor Plan: GROUND F
- ???
  - ???
    - 3D View: {3D - moham
    - **3D View: {3D - shehr**
- Legends
- Schedules/Quantities (all)
  - 00-Model Manager Weekly
  - BOQ Filling Schedule
  - BOQ- FIRE-EXTINGUISHING
  - BOQ-Pipe Fitting Schedule
  - BOQ-Pipe Schedule
  - BOQ-Pipe Valves Schedule
  - BOQ-SPRINKLER SCHEDULE
  - LIST OF DRAWINGS
- Sheets (FPR-DAR)
  - 1.00_FIRE PROTECTION
    - F000_GENERAL NOTES ABBR
      - 000001 - COVER SHEET
      - 000002 - LIST OF DRAWIN
        - Schedule: LIST OF D
    - F100_ FIRE PROTECTION PLA
      - 100001 - GROUND FLOOR
        - Drafting View: Note
        - Floor Plan: GROUN
        - Legend: FIRE FIGHT
    - Landing Page
      - 900001 - Landing Page
- Families

OPUS Sample

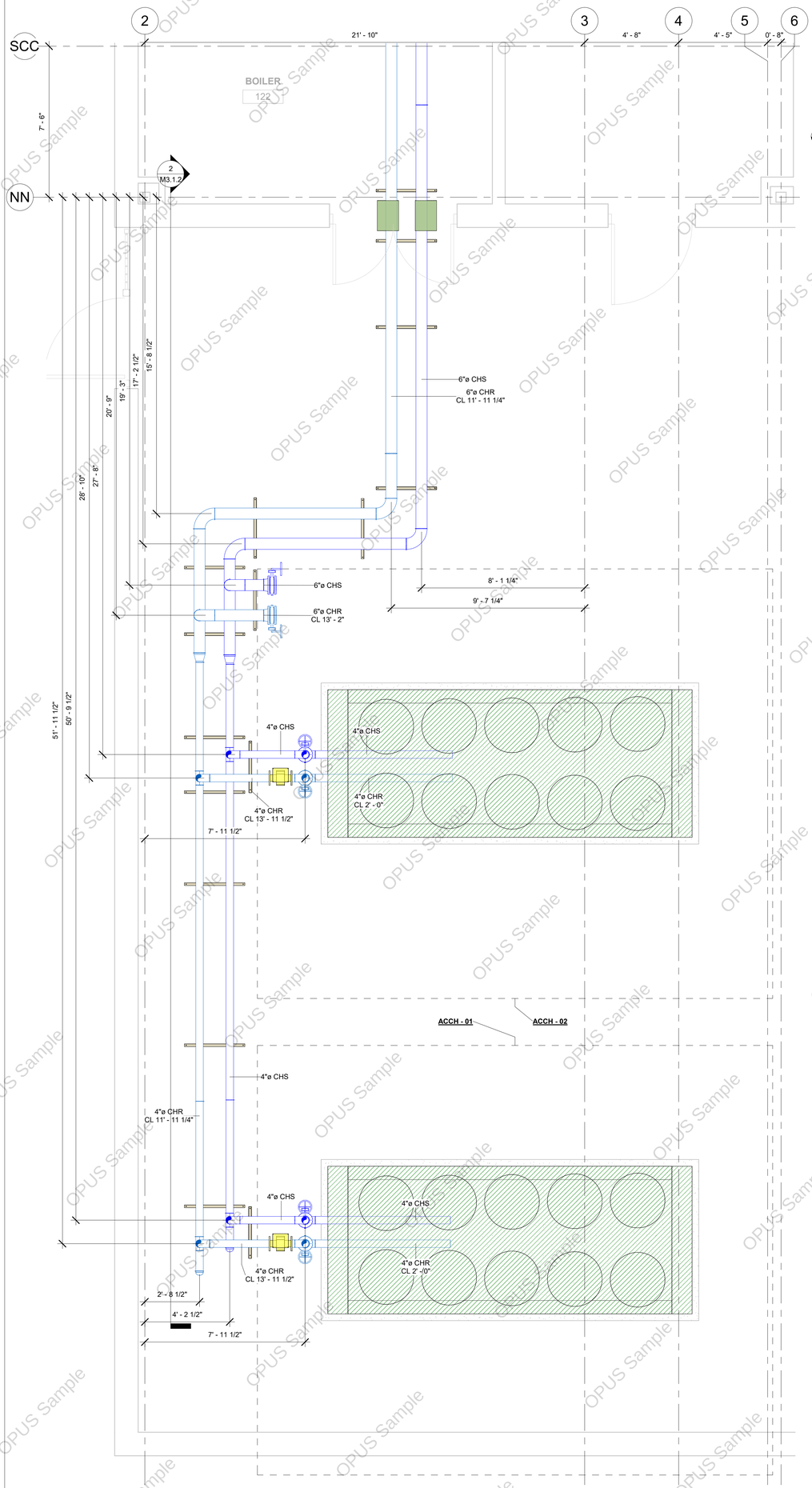


1 OVERALL - Central Plant View
3/4" = 1'-0"

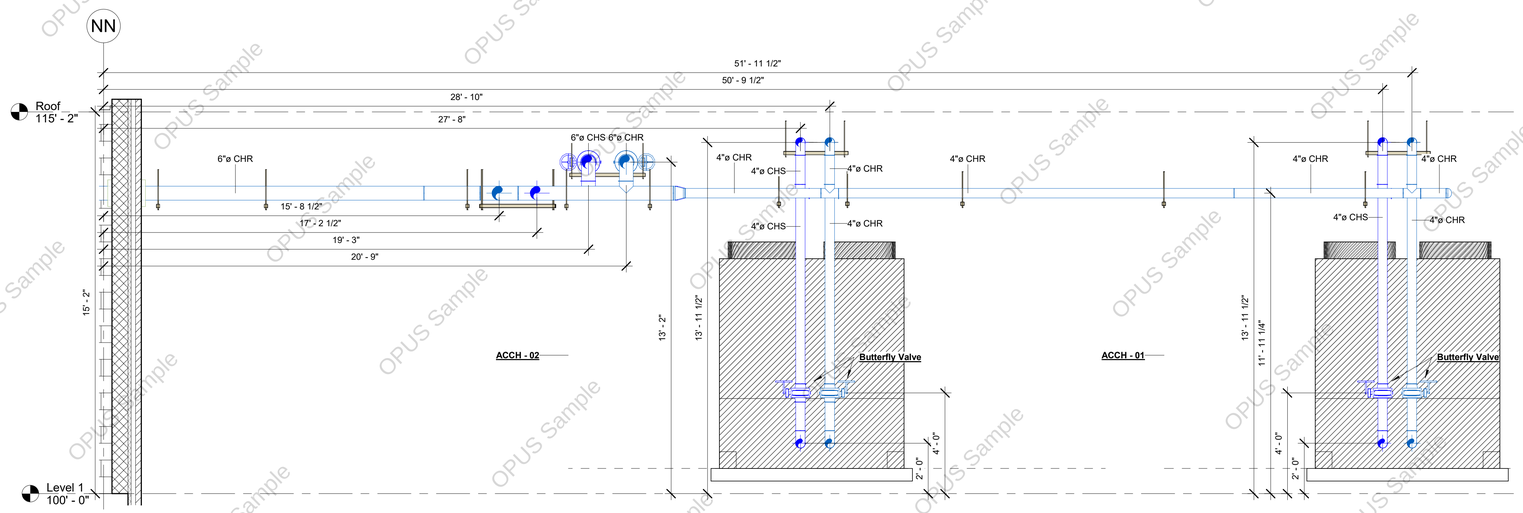
KEYPLAN

GENERAL CONSTRUCTION NOTES

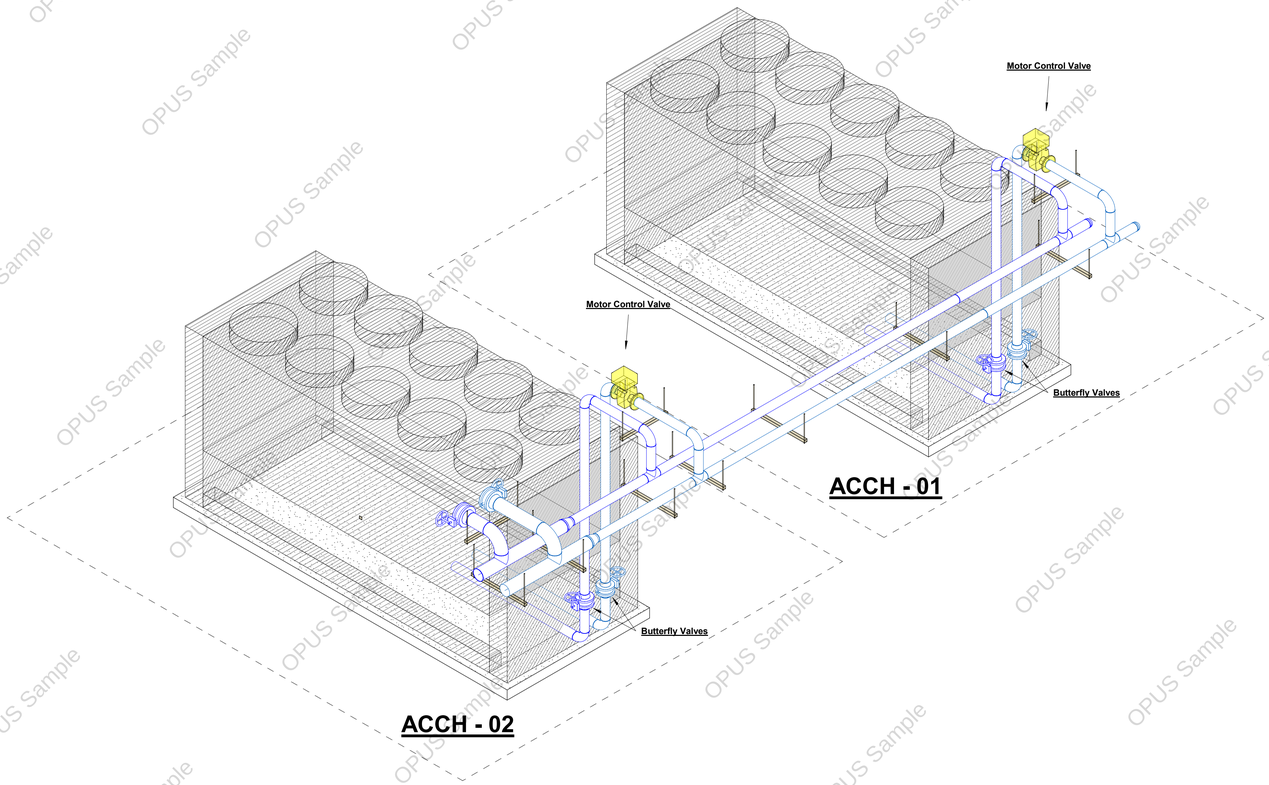
- ELEVATIONS SHOWN ARE FROM FINISH FLOOR SLAB
- ACCESS DOORS SHOWN ARE TO BE FIELD COORDINATED TO EXACT LOCATIONS TO ALLOW EQUIPMENT ACCESS



1 M Pipe Overall Chillers View
3/8" = 1'-0"



2 Section View Of Chillers
3/8" = 1'-0"



3 3D View M Pipe Overall Chillers View

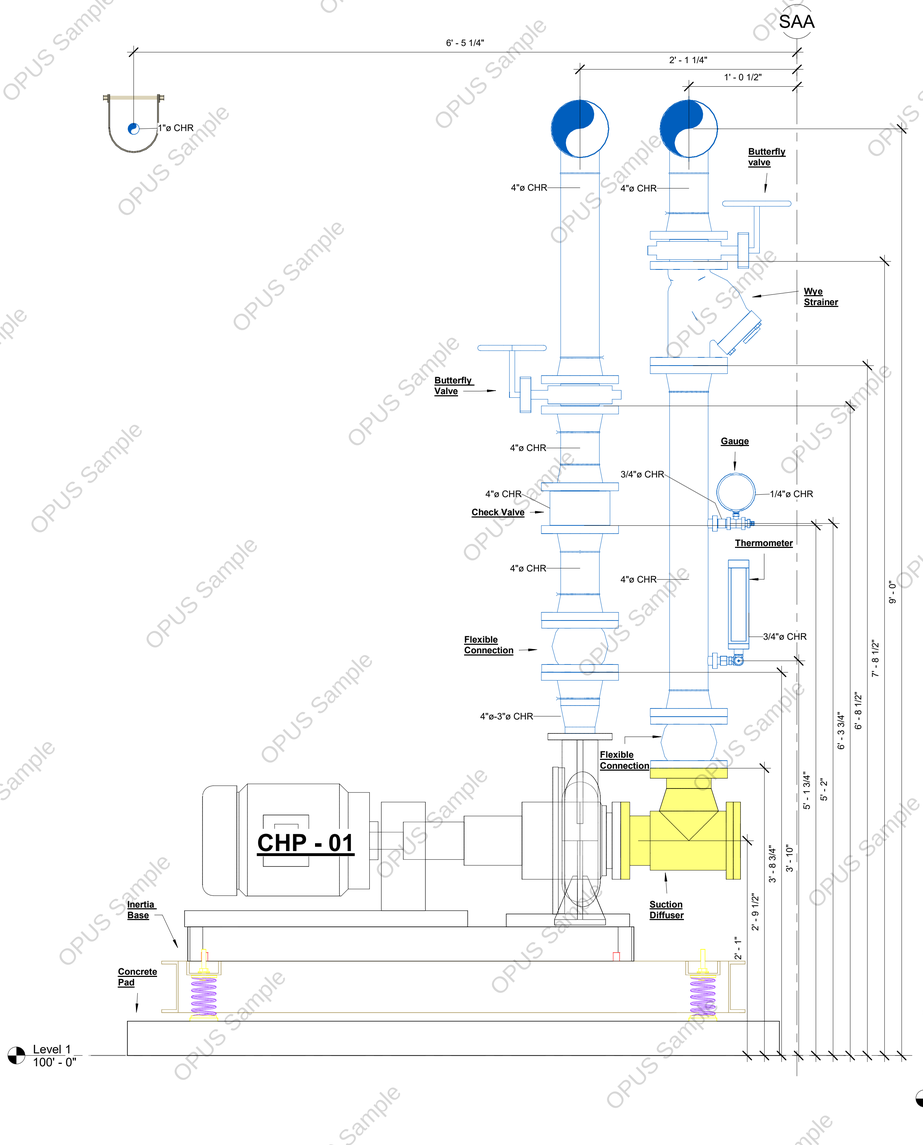
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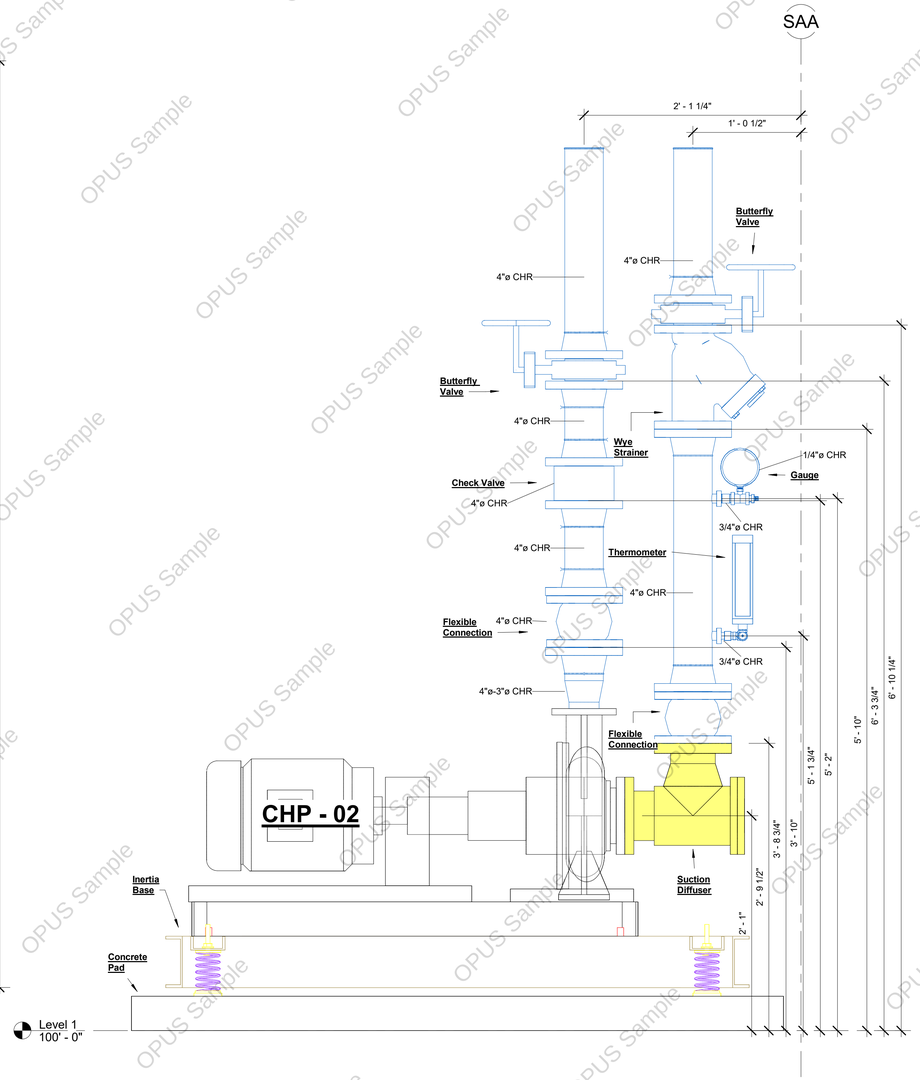
GENERAL CONSTRUCTION NOTES

- ELEVATIONS SHOWN ARE FROM FINISH FLOOR SLAB
- ACCESS DOORS SHOWN ARE TO BE FIELD COORDINATED TO EXACT LOCATIONS TO ALLOW EQUIPMENT ACCESS

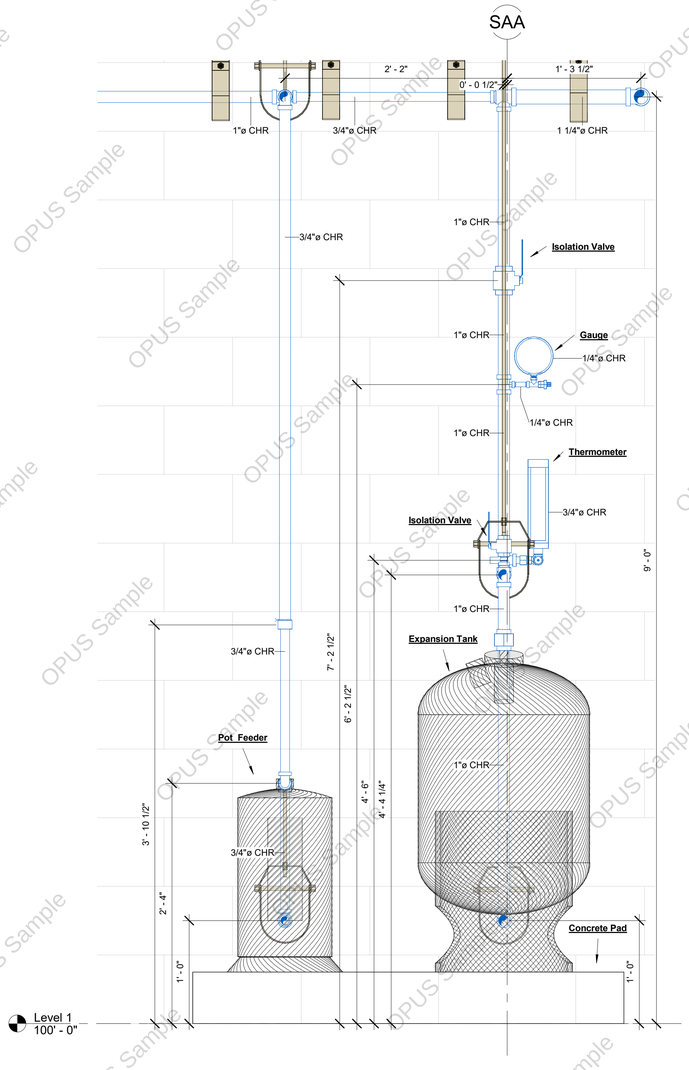
OPUS Sample



1 Section Chilled Water Pump 01
1 1/2" = 1'-0"



3 Section Chilled Water Pump 02
1 1/2" = 1'-0"



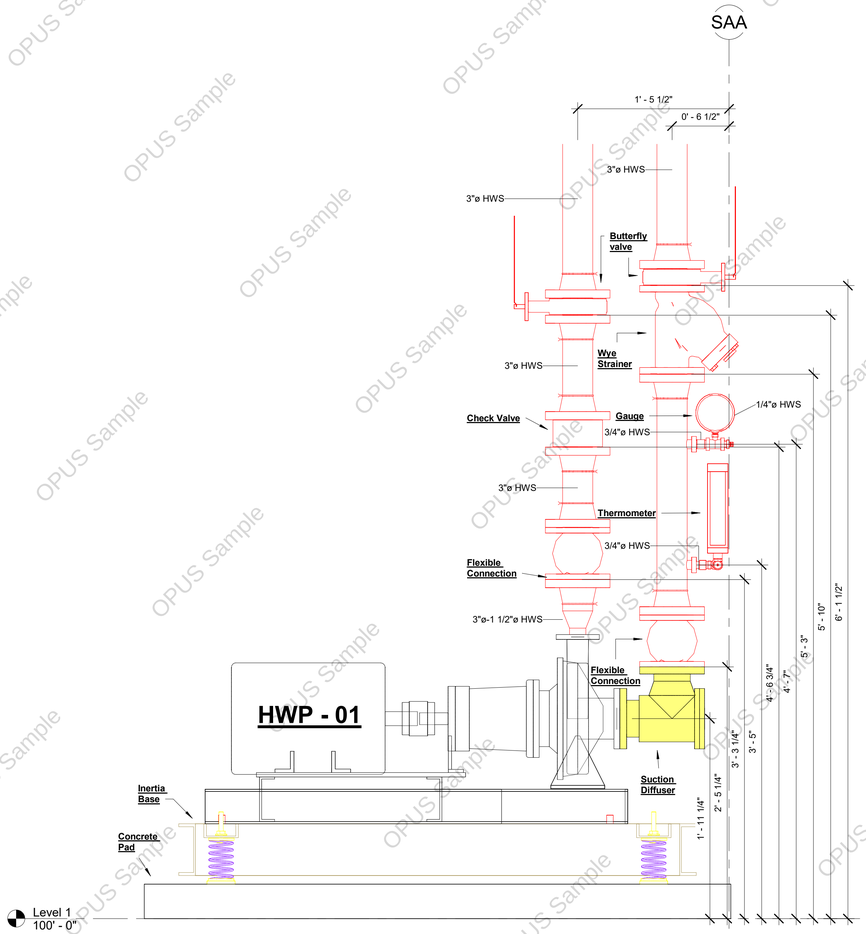
6 Section Expanision Tank and Chemical Filter Feeder Chilled Line
1 1/2" = 1'-0"

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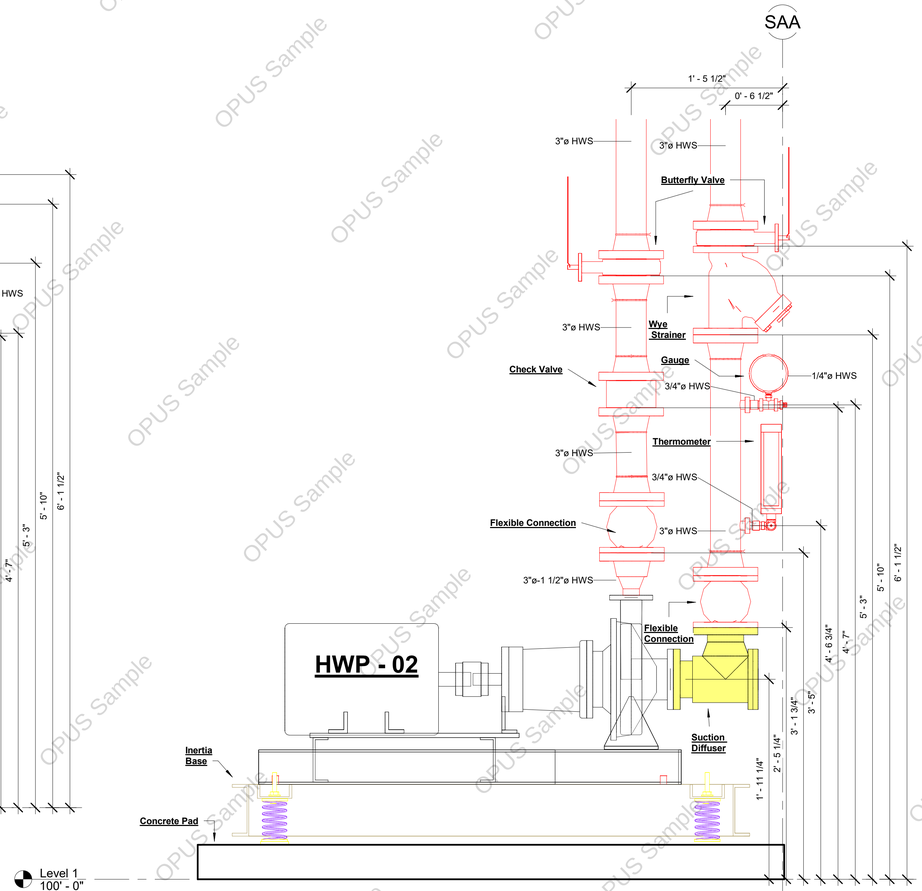
KEYPLAN

GENERAL CONSTRUCTION NOTES

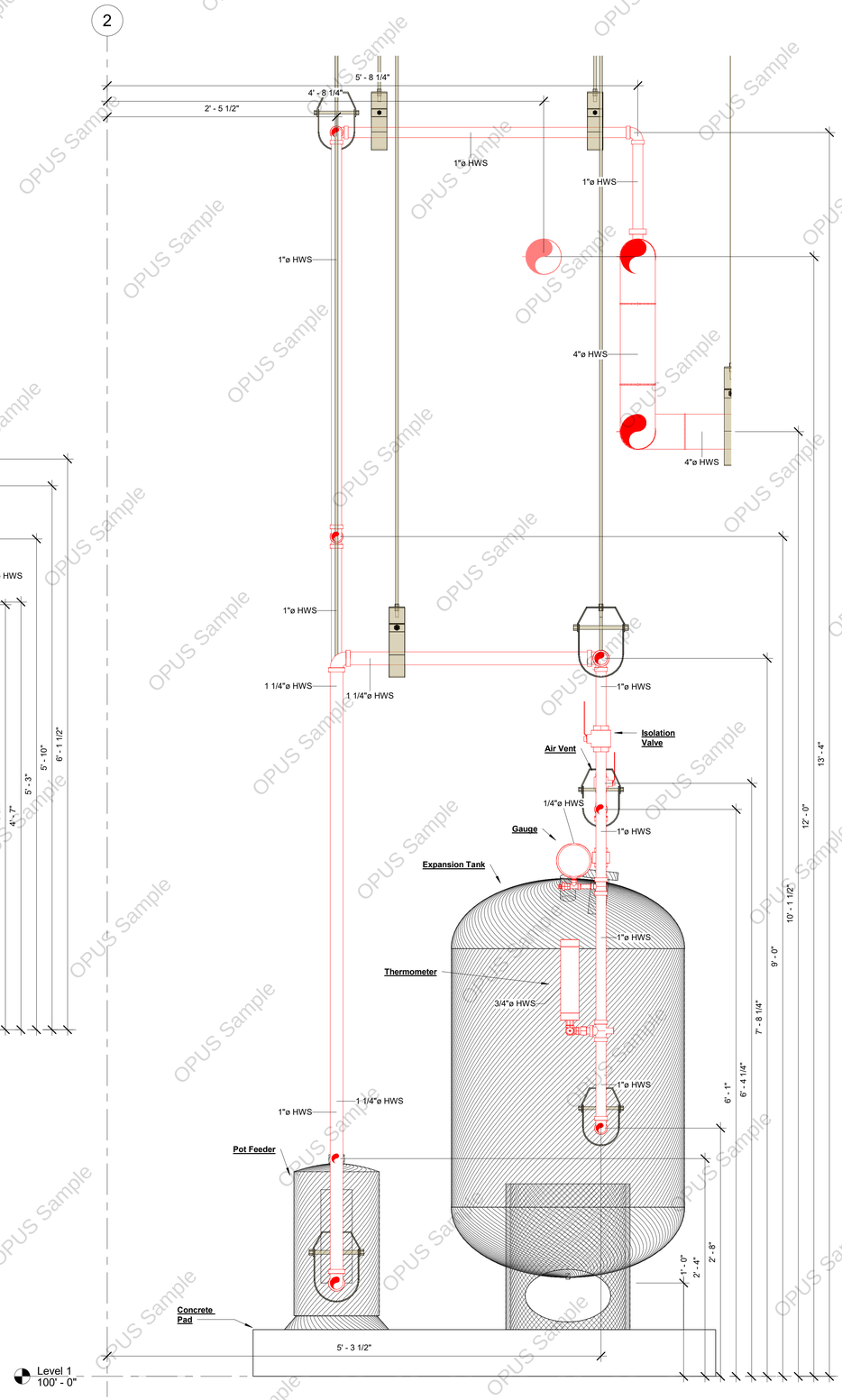
- ELEVATIONS SHOWN ARE FROM FINISH FLOOR SLAB
- ACCESS DOORS SHOWN ARE TO BE FIELD COORDINATED TO EXACT LOCATIONS TO ALLOW EQUIPMENT ACCESS



2 Section Heating Water Pump 01
1 1/2" = 1'-0"



3 Section Heating Water Pump 02
1 1/2" = 1'-0"



1 Section Expansion Tank and Chemical Filter Feeder Heating Line
1 1/2" = 1'-0"

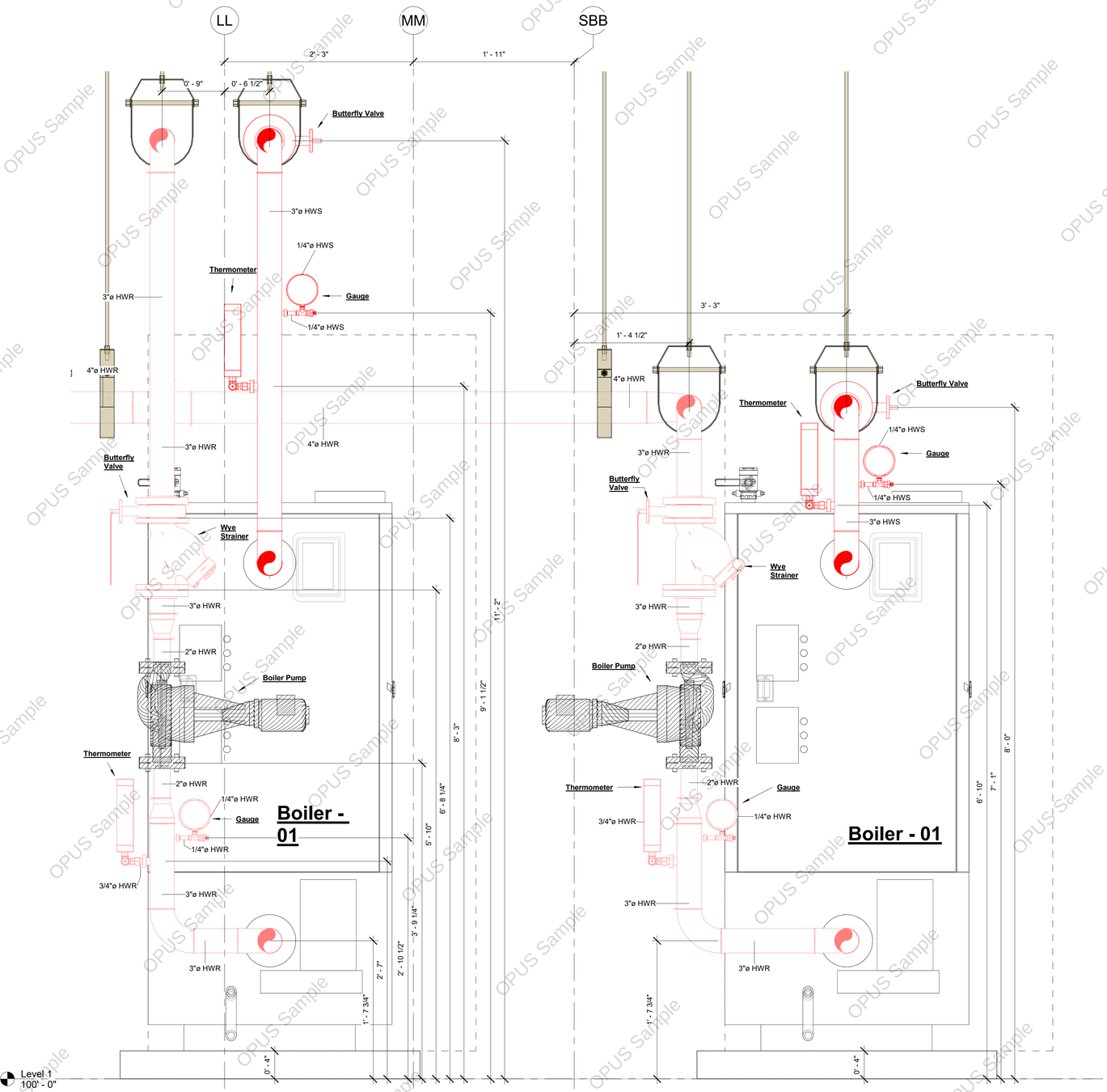
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KEYPLAN

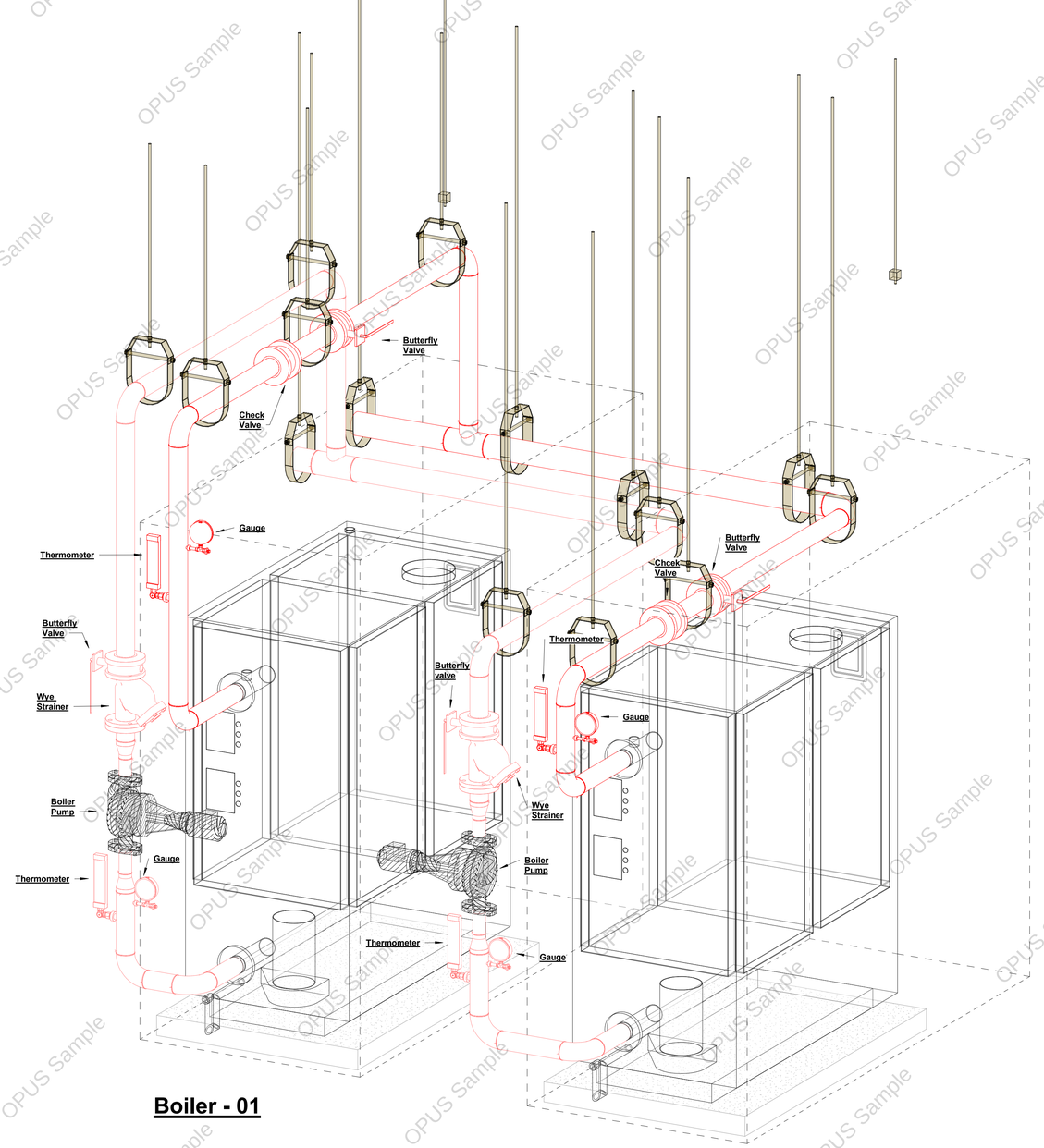
GENERAL CONSTRUCTION NOTES

- ELEVATIONS SHOWN ARE FROM FINISH FLOOR SLAB
- ACCESS DOORS SHOWN ARE TO BE FIELD COORDINATED TO EXACT LOCATIONS TO ALLOW EQUIPMENT ACCESS

OPUS Sample



1 Section Boilers
1 1/2" = 1'-0"



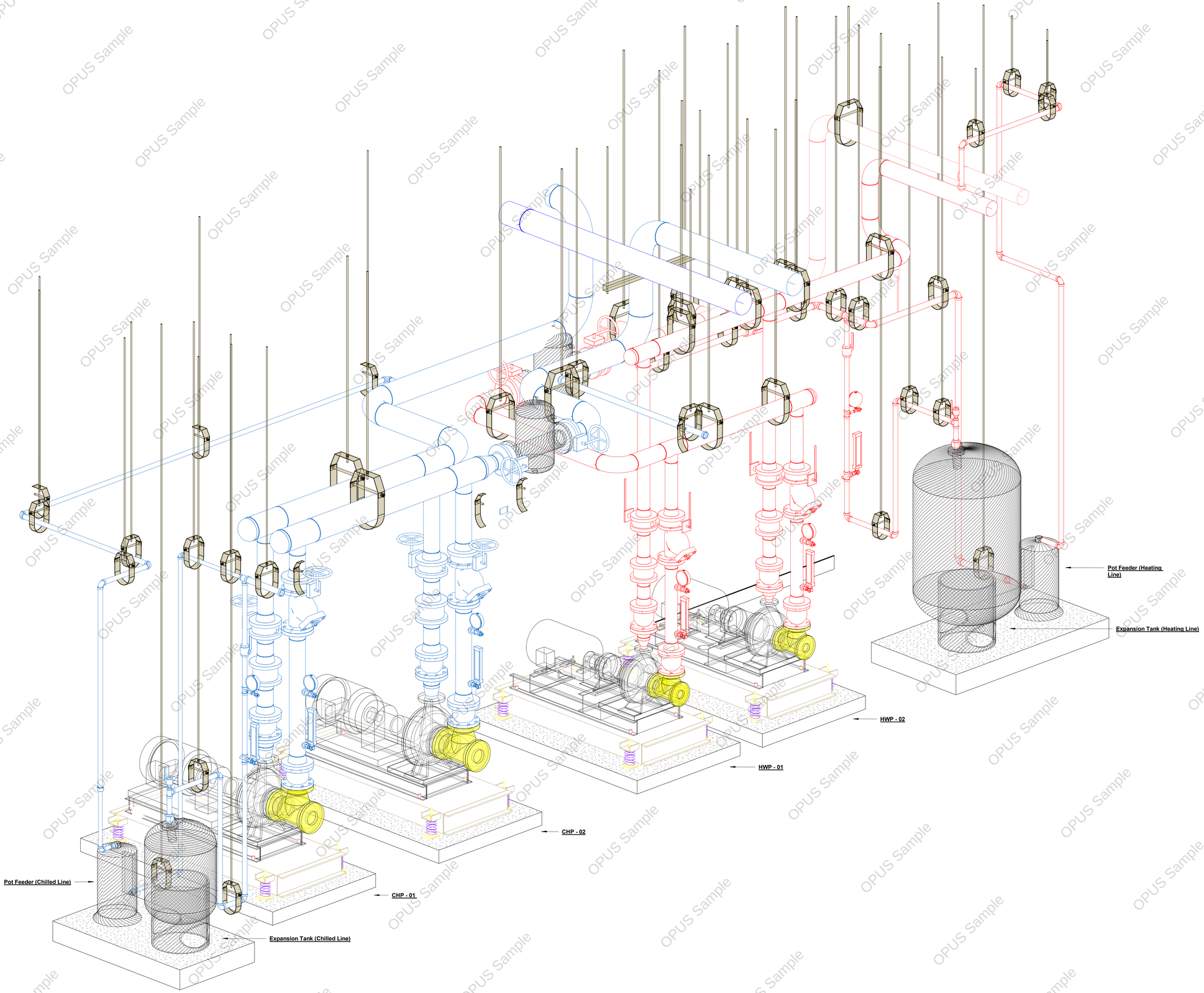
2 3D View M Pipe Overall View of Boilers

KEYPLAN



GENERAL CONSTRUCTION NOTES

- ELEVATIONS SHOWN ARE FROM FINISH FLOOR SLAB
- ACCESS DOORS SHOWN ARE TO BE FIELD COORDINATED TO EXACT LOCATIONS TO ALLOW EQUIPMENT ACCESS



1 3D View M Pipe Overall Pumps & Expansion Tanks

KEYPLAN

N

GENERAL CONSTRUCTION NOTES

- ELEVATIONS SHOWN ARE FROM FINISH FLOOR SLAB
- ACCESS DOORS SHOWN ARE TO BE FIELD COORDINATED TO EXACT LOCATIONS TO ALLOW EQUIPMENT ACCESS.

OPUS Sample