



Helm Deliverable References

Helm's project portfolio below varies from BIM Management to full MEP Drafting capabilities in all facets of construction, Residential, Mixed-Use, Commercial, Healthcare, Industrial and Institutional.

Additional project details and point of contacts may be furnished upon request.

Please visit the website for other digital references www.helmbim.com

SOLUTIONS

Helm offers top-notch drafting and building information modeling (BIM) coordination services and is ahead of the curve in preconstruction planning and design coordination. Their team is highly skilled in utilizing cutting-edge technology and strategies to streamline the coordination process, saving time and money. Their expertise in BIM coordination ensures that all aspects of the project are seamlessly integrated and effectively managed from start to finish. The company's proactive approach with constructability in mind and valuable experience onsite sets them apart, as they work from day 01 to identify potential issues and implement solutions before they become problems. The attention to detail and approach with field installation in mind, proves to be successful on all fronts. The result is a smoother, more efficient construction process, and a successful project delivered on time and within budget.

MEP Shop Drawings

- [Sample Shop Drawing Overall – \(Attached PDF\)](#)

BIM Coordination Consulting

- [Helm BIM Services Overview \(Attached PDF\)](#)
- [Model - Oakwood Beach](#)
- [Model - Flagship Apple Store](#)
- [Model - Penthouse Suite Condo](#)
- [Model - NYU Surgical Center](#)
- [Model - NYCHA Boiler Room](#)
- [Model - Chiller Plant](#)
- [Model - 55 Water Street](#)

3D Scan to BIM Model

- [As-Built Model - Bellevue Hospital Cooling Towers](#)
- [As-Built Model - Wistar Mechanical PH](#)

Project Reference Sheet

- [Link Here to Project Reference \(Attached PDF\)](#)

Helm Overall Services

- [Link to Helm Overview Video](#)

CREDENTIALIALS

- | | |
|------------------------------------|---|
| Over 18 Million SF | BIM Coordination for New Construction |
| Over 9 Million SF | BIM Coordination for Renovation Projects |
| Over 8 Million SF | Shop Drawing & Spooling for Prefabrication |
| Over 3 Million SF | Laser Scanning & Precise As-Built Studies |



PROJECT LIST

Helms project portfolio below varies from BIM Management to full MEP Drafting capabilities in all facets of construction, Residential, Mixed-Use, Commercial, Healthcare, Industrial and Institutional.

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Project	Client	Service	Type	SF
Broad & Washington (PA) *	Post Brothers	BIM Specialist x MEP All Drafting	Mixed Use	1.6M
Oakwood Beach (NY) *	Richards Plumbing & Heating	BIM Specialist x MEP All Drafting	Industrial	235,000
One Wall Street – Printemps (NY)	Schimenti Construction	BIM Specialist x Mech. Drafting	Commercial	60,000
Union & SBX *	Dual Fuel Corp.	BIM Specialist x MEP All Drafting	Commercial	70,000
Brooklyn Paramount Theater – BIM (NY) *	Schimenti Construction	BIM Specialist	Commercial	72,000
Brooklyn Paramount Theater – Mech (NY)	The Knoller Companies	Mech. Drafting	Commercial	72,000
18 Dock St (CT)	Hudson Meridian	BIM Specialist	Residential	675,645
480 Kent Ave (NY)	New Line Structures	Arch Modeling	Residential	144,000
SCCC Central Energy Plan *	Premier Mechanical	Mech. Drafting	Industrial	20,000
16 Hollybrook Rd (NC) *	Capitol Commercial	Scan to BIM Modeling	Industrial	70,000
125 W57 Street – BIM (NY)	Leeding Builder Group	BIM Specialist	Commercial	185,000
125 W57 Street – Mech (NY)	The PACE Companies	Mech. Drafting	Commercial	185,000
125 W57 Street – Mech (NY)	Donato Plumbing	Plumbing Drafting	Residential	185,000
Miami World Center – Apple (FL) *	Promethean Builders	BIM Specialist x MEP All Drafting	Commercial	15,000
Weil Cornell Medicine (NY) *	Timbil Mechanical	Mech. Drafting	Healthcare	128,000
Northwell Health Mathers Hospital (NY) *	M&L Mechanical	Mech. Drafting	Healthcare	47,880
4650 Broadway (NY) *	PACE Companies	Plumbing Drafting	Commercial	32,400
Smith Houses (NY) *	Richards Plumbing & Heating	BIM Specialist x MEP All Drafting	Industrial	42,000
66 Hudson Blvd – HSBC (NY) *	Red Star Mechanical	Mech. Drafting	Commercial	13,000
30 Rockefeller Plaza – NBC (NY) *	Red Star Mechanical	Mech. Drafting	Commercial	83,800
345 Park Ave S. -Advantium – Frankel Labs (NY)	Hennick Lane	Mech. Drafting	Industrial	16,200
826 Broadway – Rockaway Village Housing (NY)	S&J Plumbing	Plumbing Drafting	Residential	100,440
201 Varick St – GSA (NY) *	Redstar Mechanical	Mech. Drafting	Commercial	151,215
441 9th Avenue – FNZ (NY) *	Henick Lane	Mech. Drafting	Commercial	18,120
1545 Atlantic Ave – OBH Interfaith (NY) *	M&L Mechanical	Mech. Drafting	Healthcare	36,000
31 W Coulter St - Germantown Friends (PA)	Tandem Associates	Plumbing Drafting	School	84,900
61 East 83rd Street – Layola (NY)	Hennick Lane	Mech. Drafting	Institutional	12,600
One World Trade (NY)	Timbil Mechanical	Mech. Drafting	Commercial	2,200
140 Broadway (NY) *	MLM	Mech. Drafting	Commercial	17,700
50 The Circle - Lighthouse Point (NY) *	Hennick Lane	Mech. Drafting	Commercial	2,600
PS-4 Chiller Plant (NY) *	ACS Systems	Mech. Drafting	Industrial	14,460
2 Penn Plaza (NY) *	Timbil Mechanical	Mech. Drafting	Commercial	3,400
200 Park Ave – 21st Fl (NY) *	MLM	Mech. Drafting	Commercial	9,200
25 14th St – DOT/DCAS (NY)	The Franklin Company	Mech. Drafting	Industrial	3,600
590 Madison Ave – Consello (NY)	Hennick Lane	Mech. Drafting	Commercial	19,660
1 Court Square (NY)	Hennick Lane	Mech. Drafting	Commercial	285,890
3D Scanning to BIM - Total to Date (* Starred)	-	-	-	1.7M



HELM

BIM SERVICES

We are your digital coordination, drafting and project management solution.

2024

HELM BIM SERVICES

HELM BIM PROJECT DELIVERABLE

At Helm, we provide our clients with the world class coordination and construction services for each project.

01 | Helm Standards

Review Project Standards and Expectations

Project Management Team integrates BIM Standards and Quality for project deliverable

02 | Project Setup

Establish Project Organization, Schedule & RFI's

Luxury Residential, Commercial, Office, Healthcare Spaces, Retail & Institutional

03 | 3D Laser Scan

3D Laser Scanning & Precise As-Built's of Existing Conditions

LIDAR for precise as-built's and preconstruction analysis of new design options

04 | Virtual Design

BIM Modeling & Shop Drawing for Construction

3D modeling for constructible documentation for Building Professionals

05 | Clash Detection

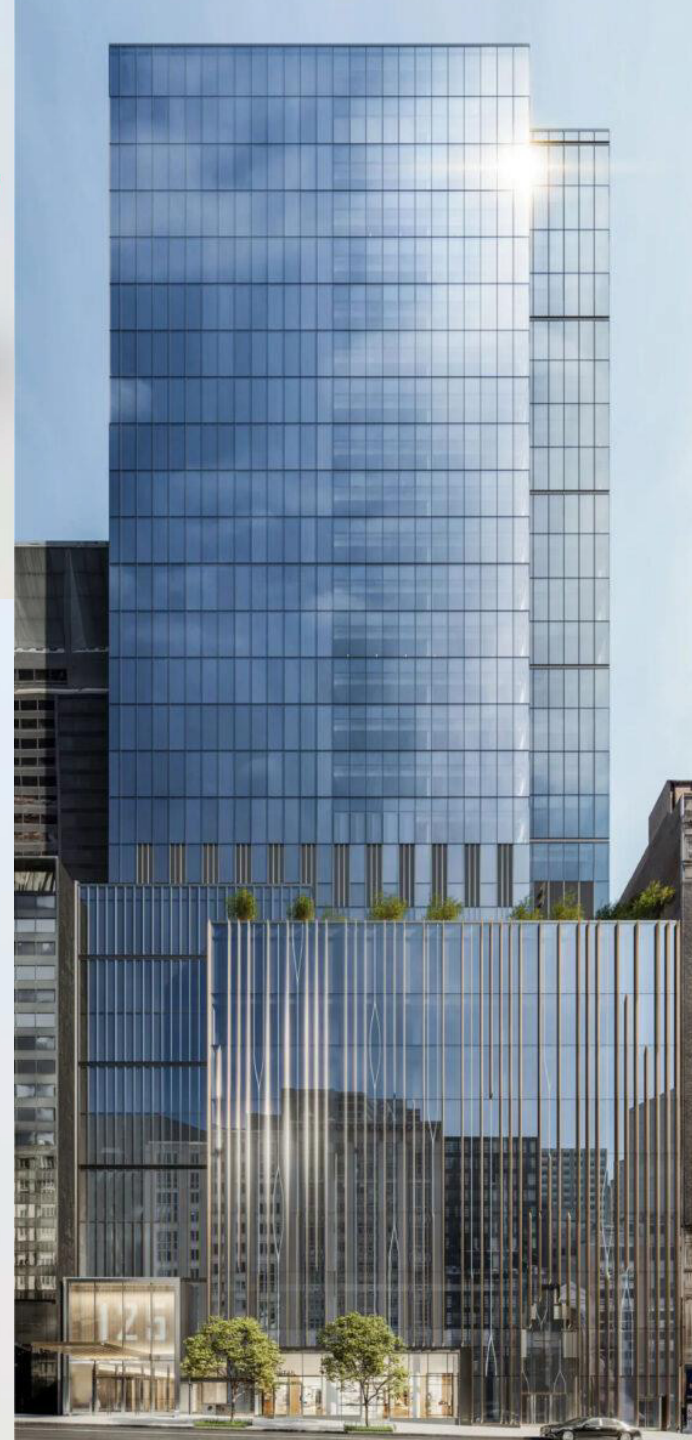
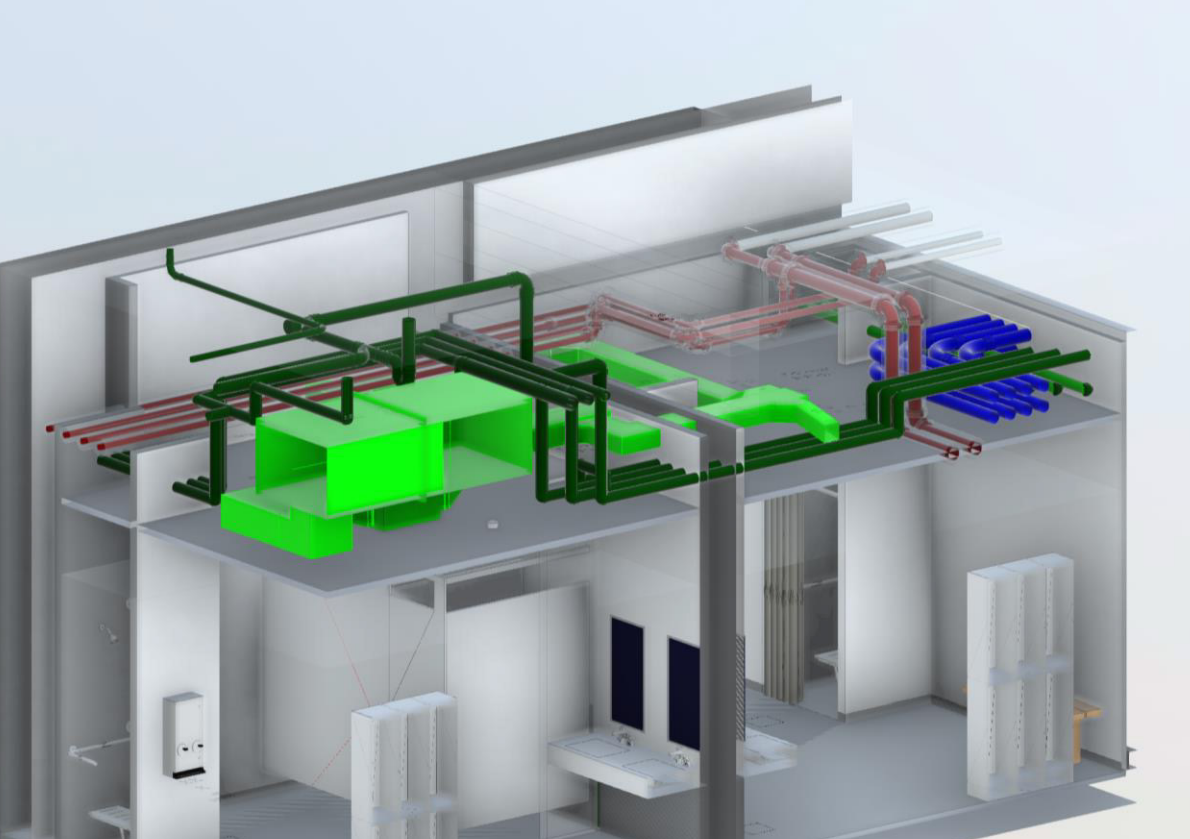
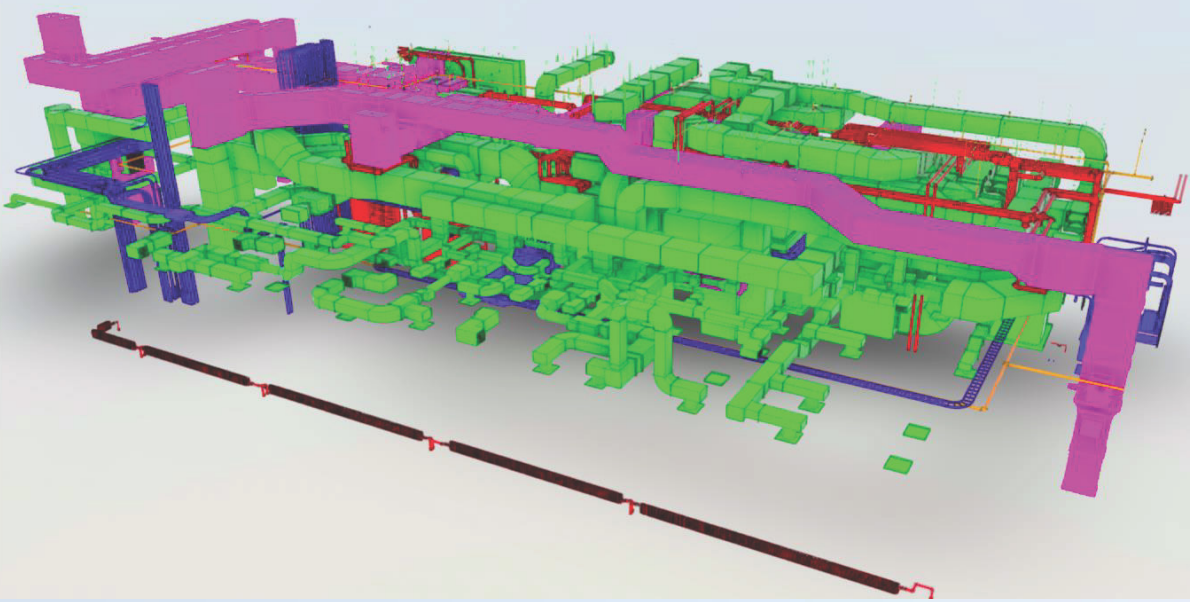
Identifying & Review of Clashes with Stakeholders

Record issues on management platform to help find solutions quickly during preconstruction

06 | 4D Logistics

Analysis of Construction Phasing within 3D Space

Develop a tool to allow stakeholders understand the sequence of installation within confines of the design



PROJECT STATS:

Project : **125 W57th St**

Trade : **BIM Coordinator Lead**

Scope : **MEP BIM
Coordination**

Location : **New York, NY**

Building Spec : **26 Stories**

Design Consultants :
MEP – WSP & AKF
ARCH – FX Collaborative
STRUCT – Severud



PROJECT STATS:

Project : **18 Dock Street**

Trade : **BIM Coordinator Lead**

Scope : **MEP BIM
Coordination**

Location : **Stamford, CT**

Building Spec : **675k SF**

Design Consultants :
MEP – AMA
ARCH – HLW
STRUCT – Desimone



PROJECT STATS:

Project : **Broad & Washington**

Trade : **BIM Coordinator Lead**

Scope : **MEP BIM
Coordination**

Location : **Philadelphia, PA**

Building Spec : **1.6M SF**

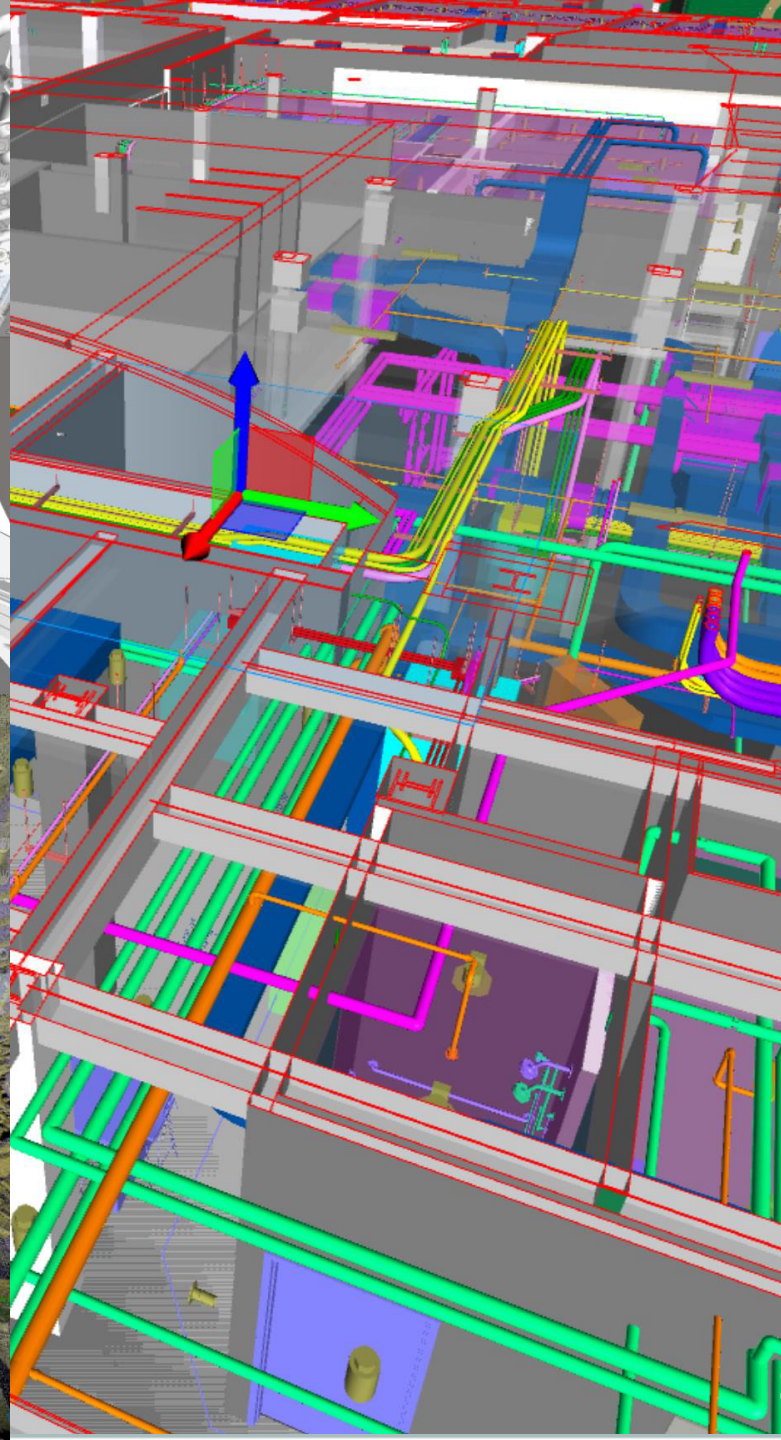
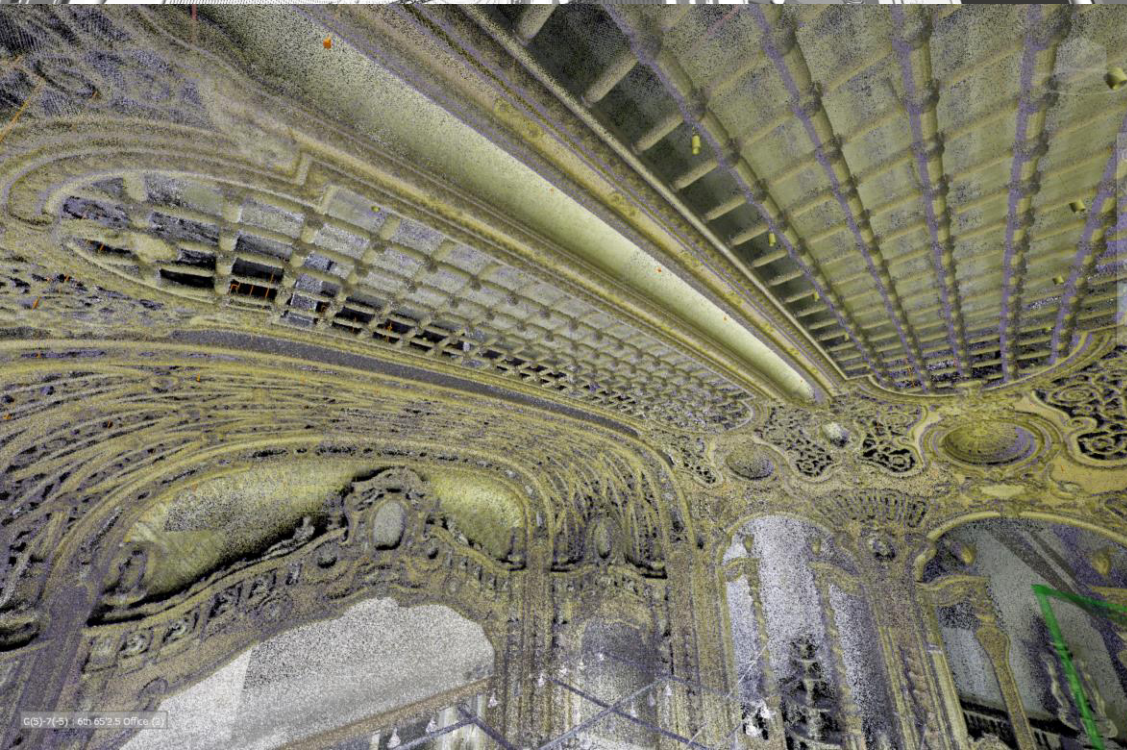
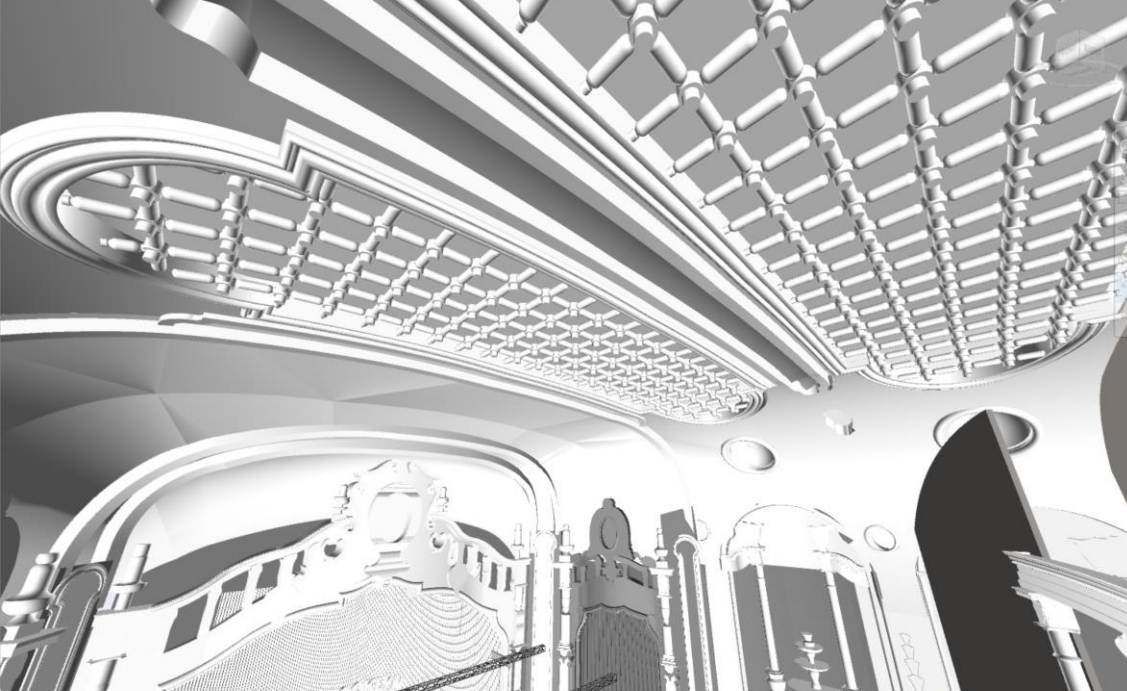
Design Consultants :

MEP – BKV

ARCH – BKV

STRUCT – Christie

Engineering, P.C. Consulting
Engineers



PROJECT STATS:

Project : **Paramount Theater**

Trade : **BIM Coordinator Lead**

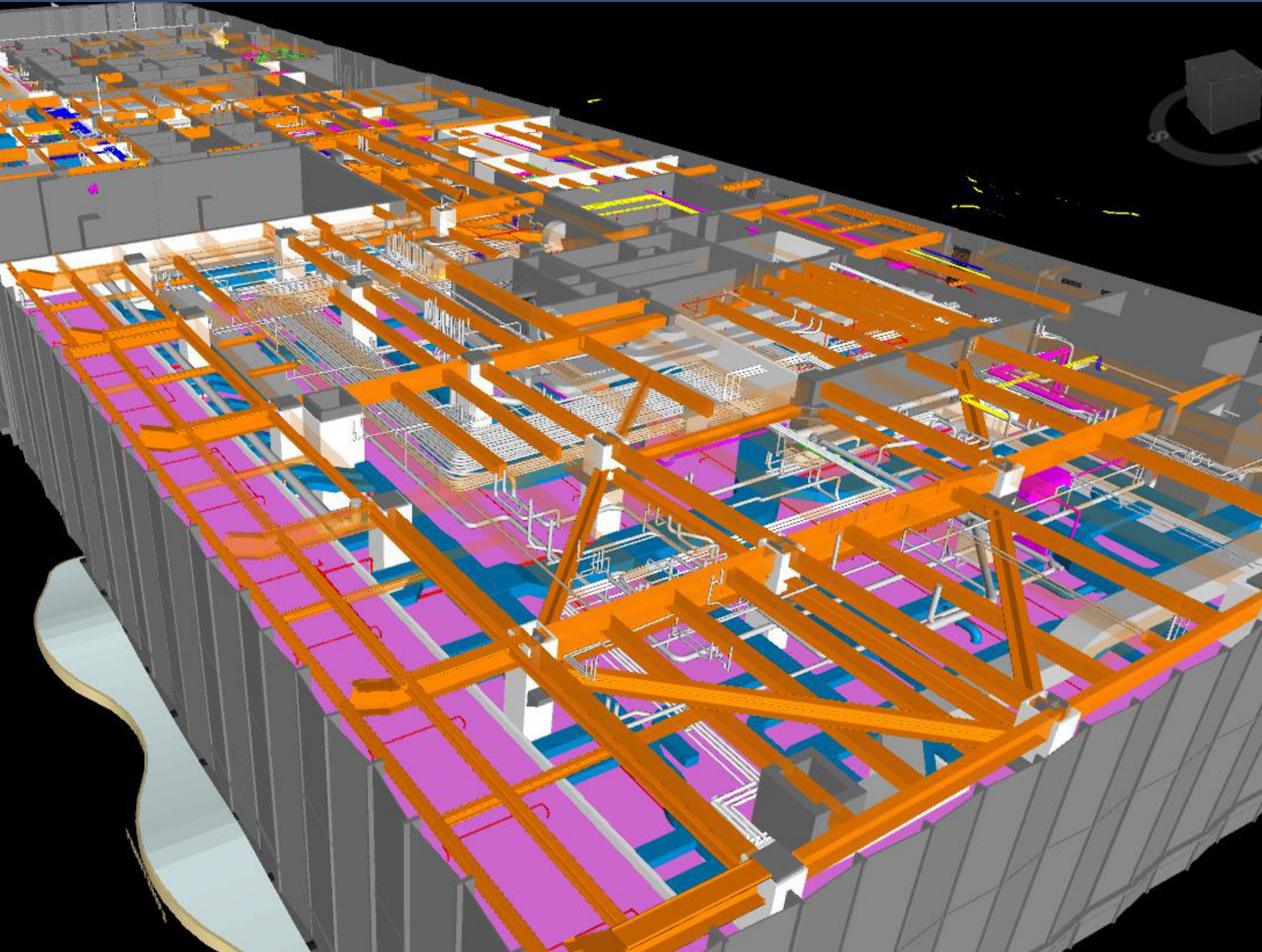
Scope : **MEP BIM
Coordination**

Location : **Brooklyn, NY**

Project Type : **Existing Bldg**

Building Spec : **8 Stories**

Design Consultants :
MEP – Highland Associates
ARCH – Callisonrtkl &
Design Republic
STRUCT – Thornton Tomasetti



PROJECT STATS:

Project : **One Wall Street**

Trade : **BIM Coordinator Lead**

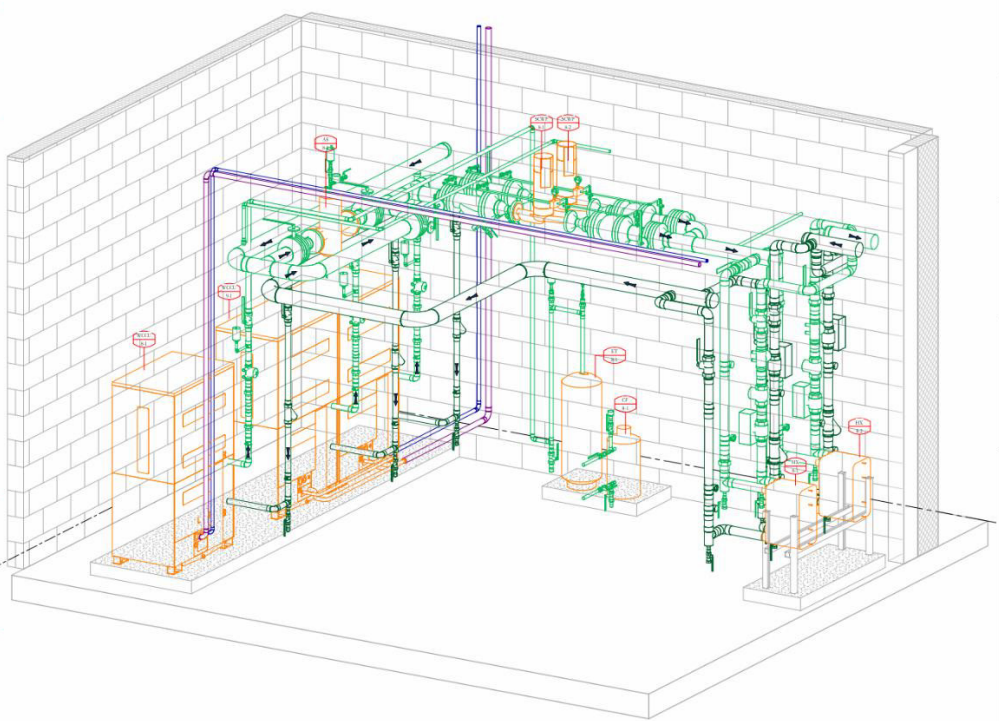
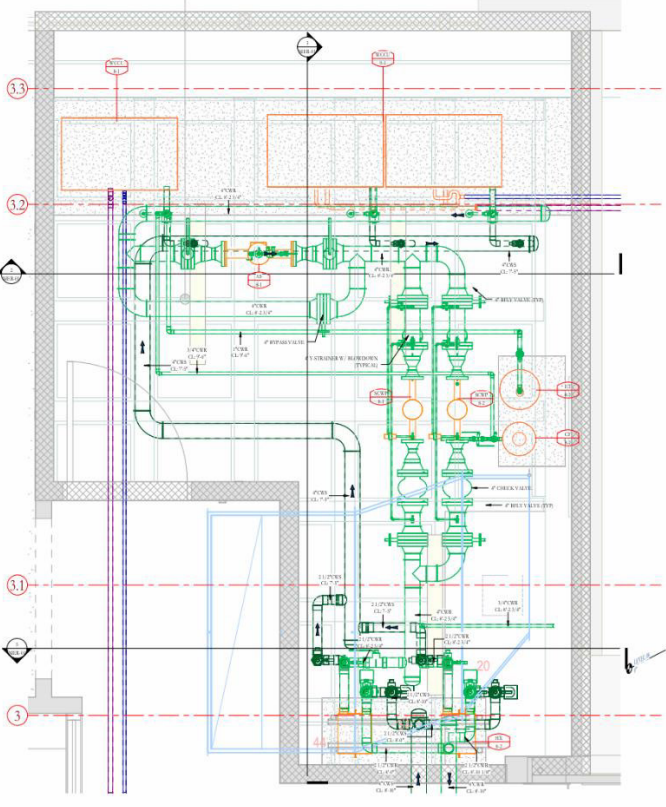
Scope : **MEP BIM
Coordination**

Location : **New York, NY**

Project Type : **Existing Bldg**

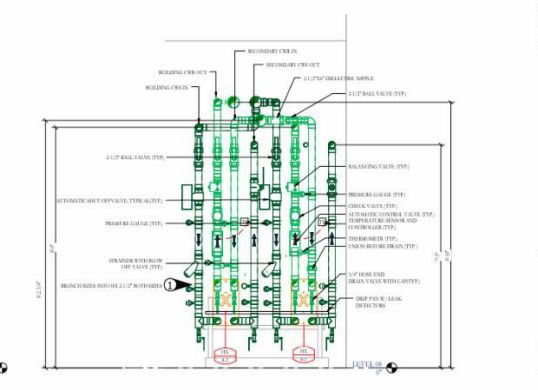
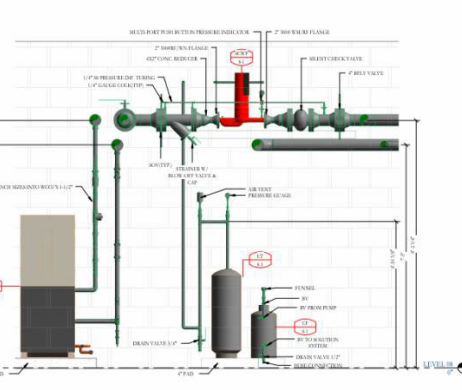
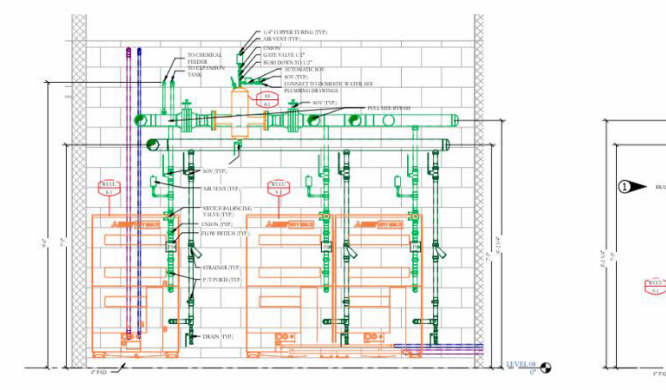
Building Spec : **4 Stories**

Design Consultants :
MEP – FISKAA
ARCH – Design Republic
STRUCT – Desimone



1 LEVEL 0B - AREA A - MER
MER-01

4 MER-01
MER-01



2 MER SECTION 1 - WCCU - CITY MULTIPHASE WATER SOURCE UNIT - HR SEPARATOR DETAIL
MER-01

3 MER SECTION 2 - ENGINE PUMP EXPANSION TANK, CHEMICAL FEEDER INSTALLATION DETAIL
MER-01

5 MER SECTION 3 - HEAT EXCHANGER DETAIL
MER-01



HELM
BIM SERVICES
www.HelmBIM.com

Contractor:



Mechanical Contractor:



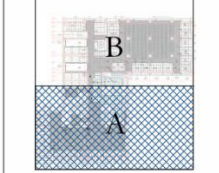
General Notes:

Flag Notes:

THE PRINTING COLOR IN THE CONTRACT DRAWINGS DOES NOT IDENTIFY THE PIPING MATERIALS. THE USER IS TO REVIEW CAREFULLY AND MAKE UP DECISIONS TO DETERMINE PIPING WORK IN THIS MATERIAL IS REPRESENTATIVE.

REV	DESCRIPTION	DATE
0	SUBMITTED FOR APPROVAL	01/08/2024

Key Plan



Project:
HPS
40 W 57th St, 8th & 9th
New York, NY 10019

Engineer: RDA

Architect: TED Moods Associates

Scale: As indicated Verify line is 1" = 1'-0"

Date: 01/08/2024 Revision: 0

Drawing Title: MECHANICAL PIPE ENLARGE LOBBY MER PLAN
Drawing Number: MER-01

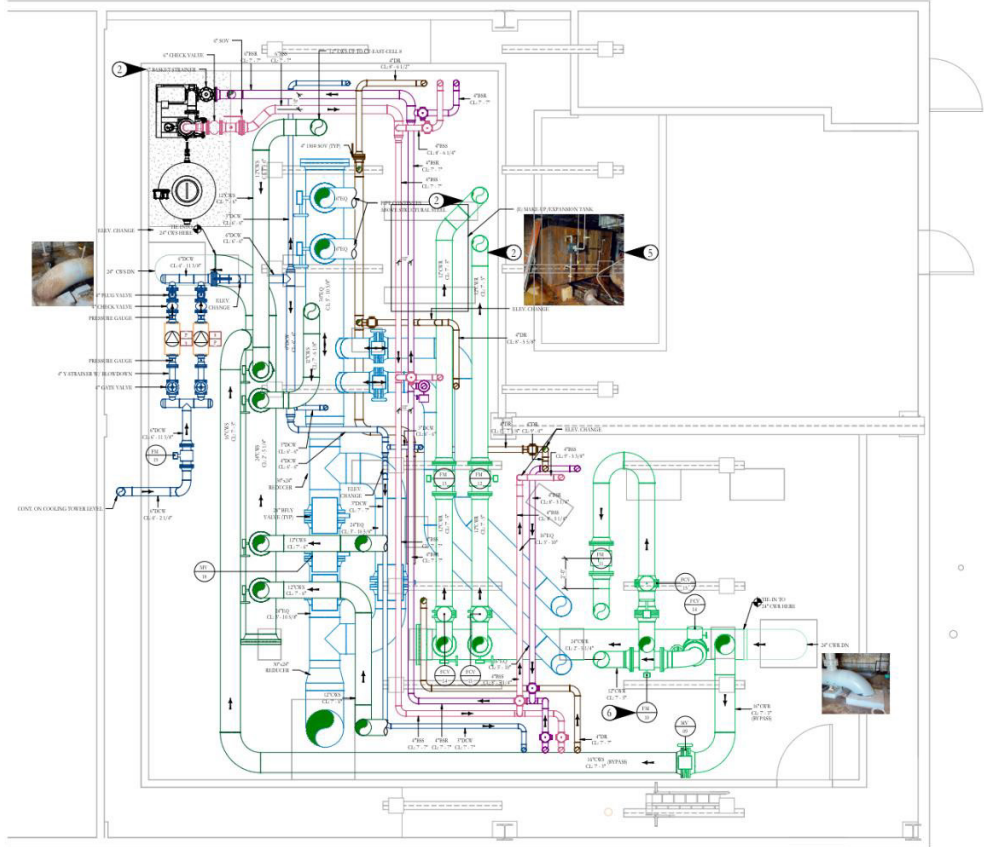


PROJECT STATS:

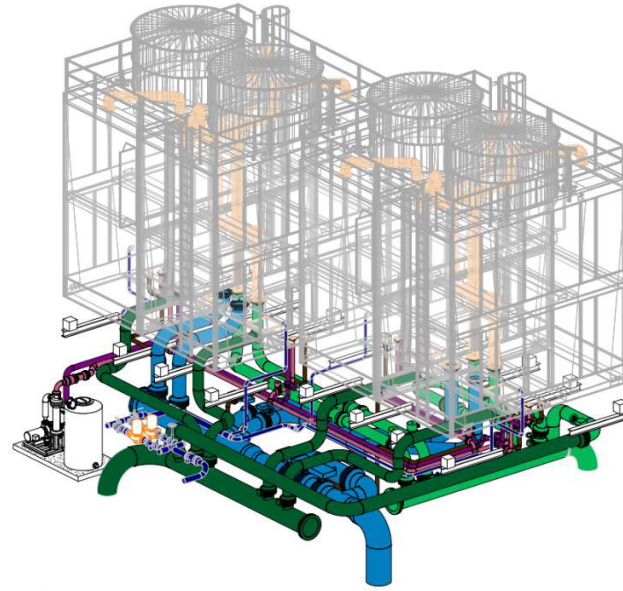
Trade : **Mechanical Pipe**

Scope : **Office Fit-Out MER**

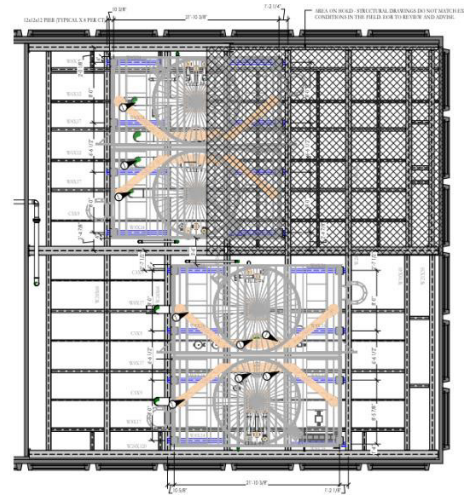
Location : **New York, NY**



1 East CT Plan
MP-23.E



2 East CT Is.
MP-23.E



3 East Cooling Tower Existing Steel Layout Review
MP-23.E

Mechanical Company:



Corporate Headquarters
20 5th Street
Yaphank, NY 11980
631-775-7325

New Jersey Office
1180 Lanning Avenue
Fort Lee, NJ 07024
201-767-4192

Drafting Company:



General Notes:

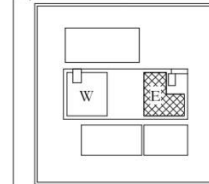
1. ALL SYSTEMS IDENTIFIED BY COLOR.
2. PROVIDE DRIVING AT LOW POINTS AND POINTS AT THEIR PROXIMITY TO ALL NEW PIPE SYSTEMS WITH DRAIN CLEAR OF FLOOR FINISH AND TO NEAREST TD.
3. PROVIDE ALL VALVE SETTINGS BETWEEN EXISTING PIPE NETWORKS TO MATCH EXISTING SYSTEMS.
4. SHUT-OFF VALVE, BELL & HOWELL.
5. DRINK WATER FLOOR AREA SHALL BE OPEN ACCESS FOR VALVES, INSTRUMENTS, ETC. IF REQUIRED.
6. PIPE CENTERLINE INDICATES TYPICAL FOR ALL DETAILS UNLESS OTHERWISE NOTED.

Flag Notes:

1. EXISTING BEAM IN CONFLICT WITH COOLING TOWER CONNECTION. ENGINEER TO REVIEW IF BEAM CAN BE REINFORCED.
2. COOLING TOWER ELEMENTS UNDER REVIEW BY A/E. THE COOLING TOWER WERE LOCATED ORIENTED FROM THE CONTRACT SET TO MATCH CONDITIONS WITH THE EXISTING CONDITIONS.
3. HANGERS BY A/E CHANGE IS PROVIDED AS PART OF THE PUMP BUILD PLAN. HANGERS WILL BE PROVIDED AT THE DISCRETION OF THE A/E. ALL A/E'S ARE REQUIRED TO VERIFY AND DATE IS SHOWN FOR THE PUMP BUILDING.
4. THE BACKGROUND ARCHITECTURAL STRUCTURAL PROVIDED BY THE ENGINEER IS NOT SUBJECT TO THE EXISTING CONDITIONS IN THE FIELD. THE BACKGROUND ARCHITECTURAL DRAWING IS DEVELOPED BY THE ARCHITECT AND IS NOT SUBJECT TO THE EXISTING CONDITIONS IN THE FIELD.
5. OTHER EXISTING CONDITIONS SHALL BE THE FIELD ENGINEER'S RESPONSIBILITY FOR MAINTENANCE AND OPERATION, WHICH WILL BE NOTED BY A/E'S LEADING PROJECT AND EXISTING WITHDRAWN.
6. THE BEST AVAILABLE DESIGN THIS PROJECT BE ACCEPTED DUE TO THE EXISTING CONDITIONS OF THE BEAM. USE TO VERIFY IF STRUCTURE BEING WORKING AS INTENDED.
7. THE FIELD ENGINEER IS NOT REVIEWING CONDITIONS IN THE FIELD ENGINEER TO VERIFY.

REV	DESCRIPTION	DATE
2	SUBMITTED FOR ENGINEER REVIEW	06/09/22
1	REVISED PER PE REQUEST	06/01/22
0	SUBMITTED FOR PRELIMINARY REVIEW	07/01/22

Key Plan



Project:

Bellevue Hospital
461 1st Avenue
New York City, NY 10016

Engineer: Loring Consulting Engineers

Architect: Bolt Architecture, PLLC

Scale: As indicated Verify line is 1" = 16'

Drawing Number: MP-23.E Revision: 2

Drawing Title: Mechanical 23rd Floor Date: 07/21/22

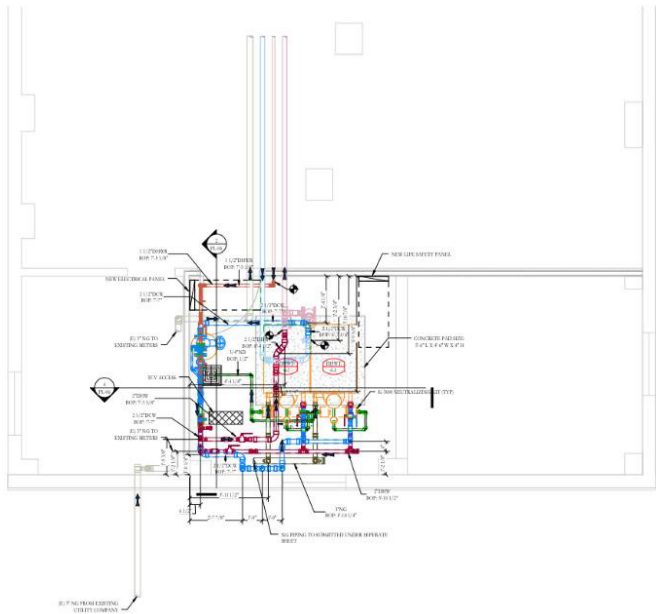


PROJECT STATS:

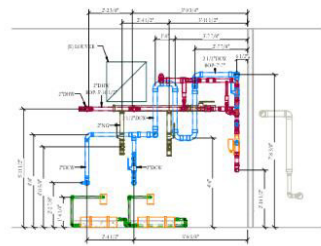
Trade : **Mechanical Pipe**

Scope : **Cooling Towers**

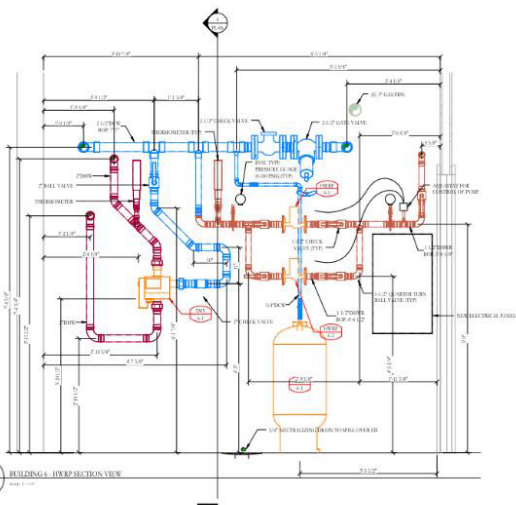
Location : **Bellevue Hospital**



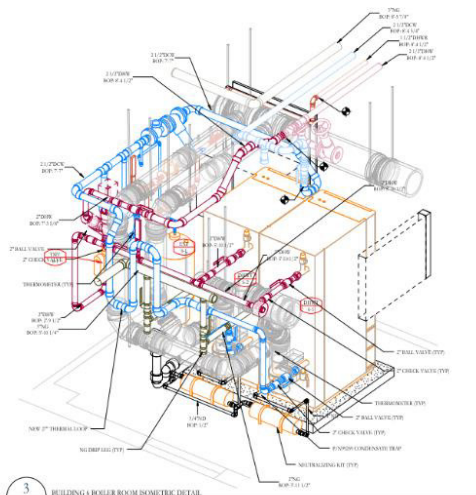
1 BUILDING 6 - PIPING PLAN
PL-06



4 BUILDING 6 - BACK WALL SECTION VIEW
PL-06



2 BUILDING 6 - HOT WATER SECTION VIEW
PL-06



3 BUILDING 6 - BOILER ROOM SCHEMATIC DETAIL
PL-06

LOCATION	DESCRIPTION	DATE
1. 1/2\"/>		

LOCATION	DESCRIPTION	DATE
1. 1/2\"/>		

Design - Builder:
TULLY Richards
PLUMBING & HEATING

Tully Construction/Heating Plumbing JV LLC
127-60 Northern Boulevard
Flushing, NY 11355
(718) 363-9600

Mechanical Contractor:

General Notes:

File Notes:

REV	DESCRIPTION	DATE
2	ISSUED FOR CONSTRUCTION PERmits BY RICHIE	01/26/24
1	ISSUED FOR CONSTRUCTION PERmits FROM BNY	01/26/24
0	ISSUED FOR APPROVAL	01/26/24

Key Plan

Project:
NYCHA BROWNVILLE
PROJECT 1A
BROWNVILLE HOUSES
BROOKLYN, NY

MEP & Structural Engineer: CAMERON ENGINEERING

Scale: As Indicated Verify line is 1"

Date: 11/21/23 Revision: 2

Drawing Title: PLUMBING PART PLAN BLDG 6 - PLAN, DETAILS, BOMS. Drawing Number: PL-06



PROJECT STATS:

Trade : **Plumbing**

Scope : **Boiler Rooms**

Location : **NYCHA**

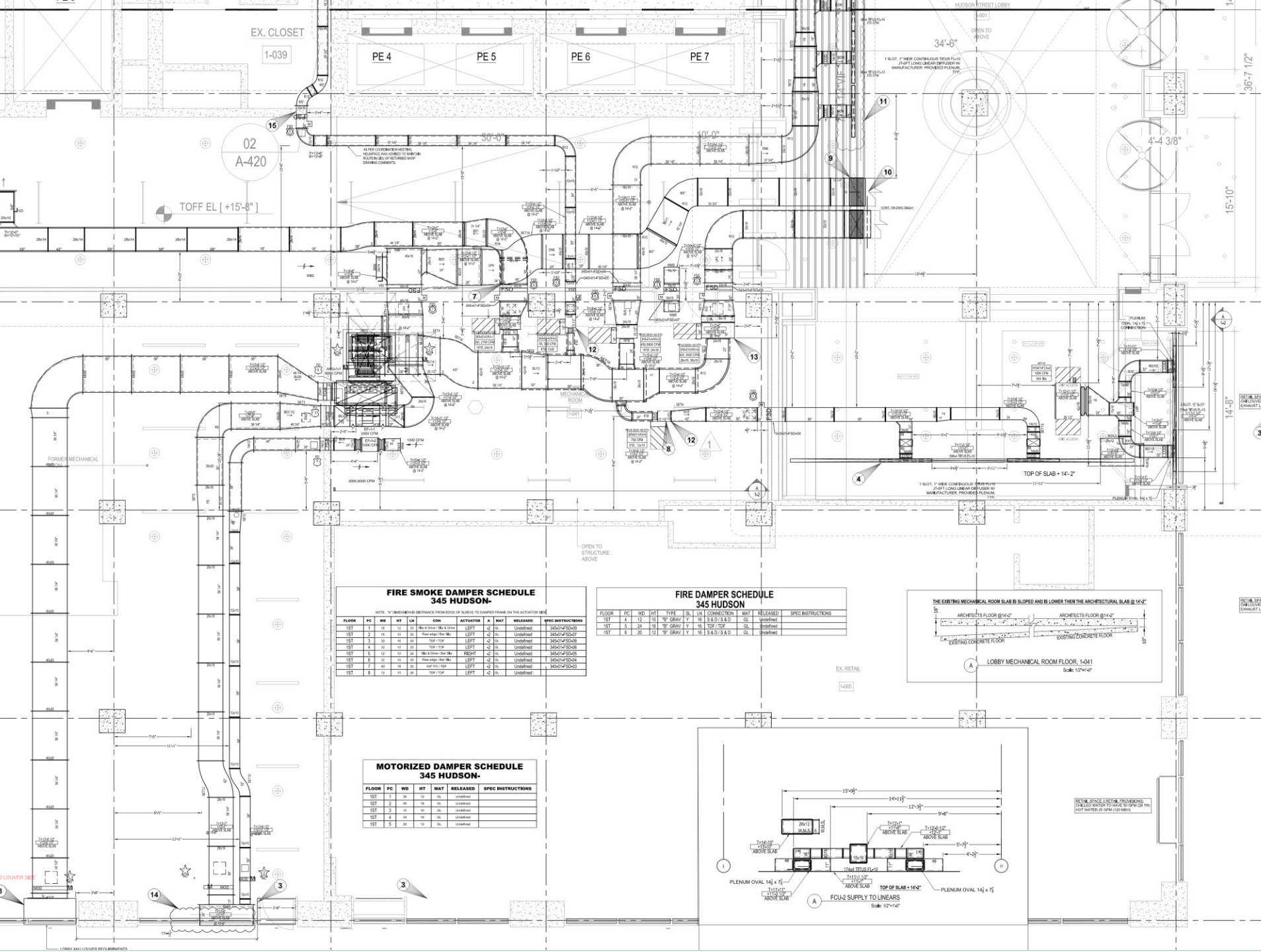


PROJECT STATS:

Trade : **Ductwork**

Scope : **Commerical Reno**

Location : **NY**



**FIRE SMOKE DAMPER SCHEDULE
345 HUDSON-**

NOTE: "X" DENOTES DISTANCE FROM EDGE OF SLAB TO DAMPER FRAME ON THE ACTUATOR SIDE

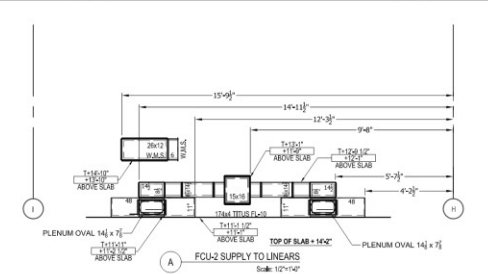
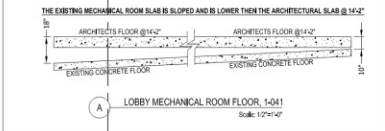
FLOOR	PC	WD	HT	LN	CON.	ACTUATOR	A	MAT	RELEASED	SPEC INSTRUCTIONS
1ST	1	10	12	20	ME & DUCT	TOP	LEFT	-2	DL	Unaffected
1ST	2	10	12	20	ME & DUCT	TOP	LEFT	-2	DL	Unaffected
1ST	3	10	12	20	TOP	TOP	LEFT	-2	DL	Unaffected
1ST	4	10	12	20	TOP	TOP	LEFT	-2	DL	Unaffected
1ST	5	12	10	20	ME & DUCT	TOP	RIGHT	-2	DL	Unaffected
1ST	6	10	12	20	ME & DUCT	TOP	LEFT	-2	DL	Unaffected
1ST	7	10	12	20	ME & DUCT	TOP	LEFT	-2	DL	Unaffected
1ST	8	12	10	20	TOP	TOP	LEFT	-2	DL	Unaffected

**FIRE DAMPER SCHEDULE
345 HUDSON**

FLOOR	PC	WD	HT	TYPE	S.S. L	CONNECTION	MAT	RELEASED	SPEC INSTRUCTIONS
1ST	4	12	10	90° GRAY	Y	10	S.S.D. S.S.D.	DL	Unaffected
1ST	5	24	18	90° GRAY	Y	10	TOP TOP	DL	Unaffected
1ST	6	1	20	90° GRAY	Y	10	S.S.D. S.S.D.	DL	Unaffected

**MOTORIZED DAMPER SCHEDULE
345 HUDSON-**

FLOOR	PC	WD	HT	MAT	RELEASED	SPEC INSTRUCTIONS
1ST	1	18	12	DL	Unaffected	
1ST	2	18	12	DL	Unaffected	
1ST	3	12	12	DL	Unaffected	
1ST	4	24	18	DL	Unaffected	
1ST	5	28	12	DL	Unaffected	



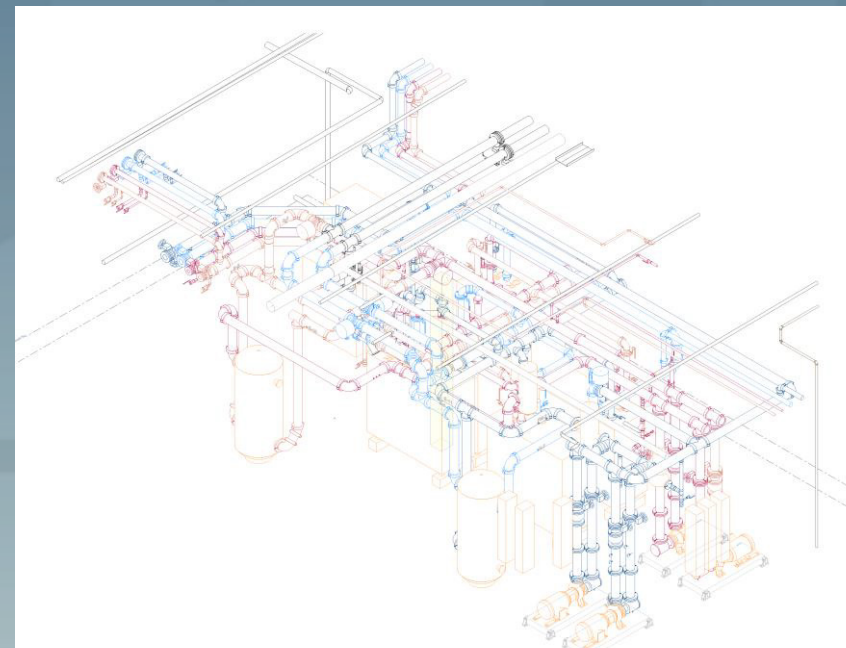
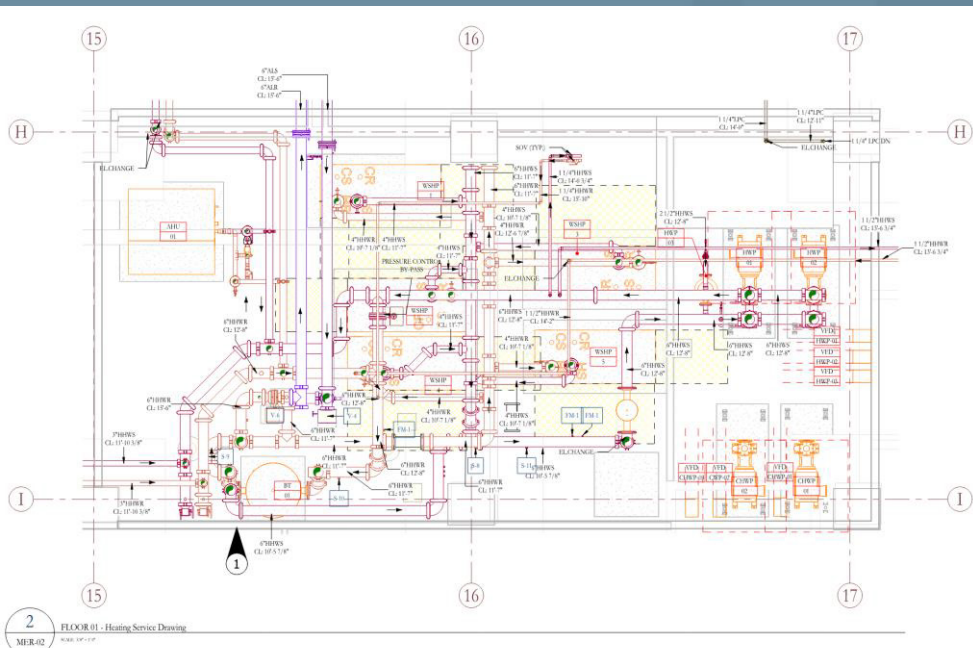
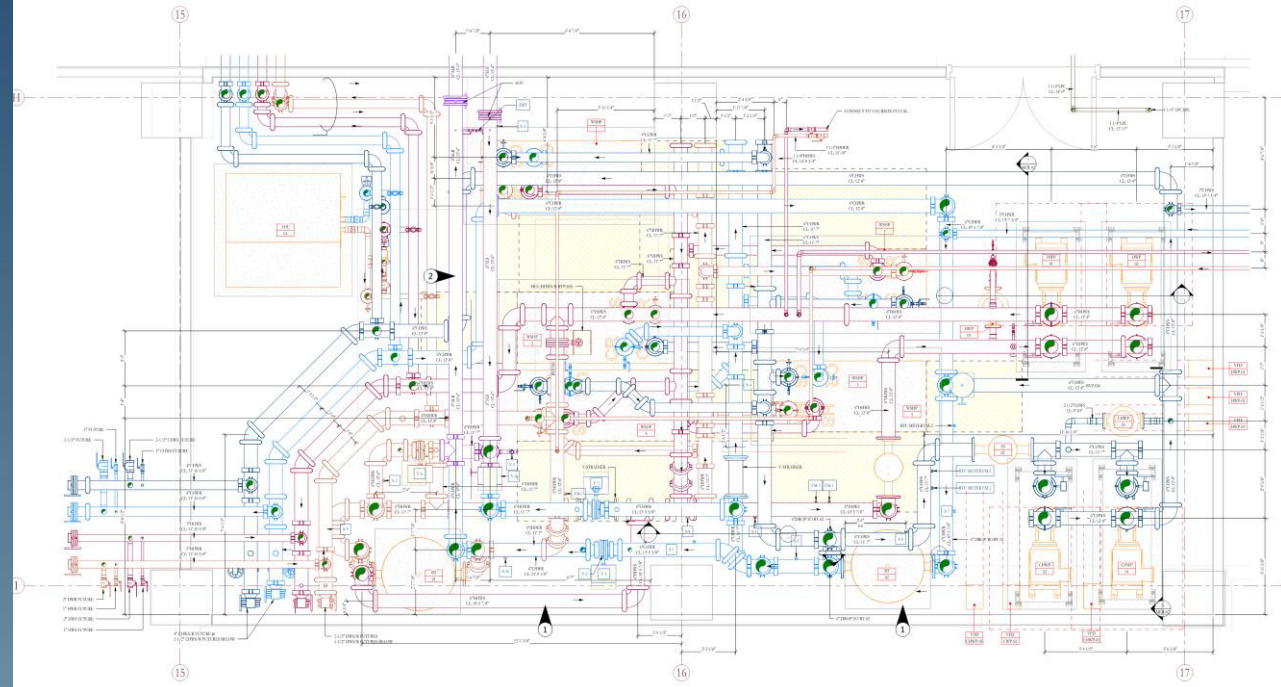


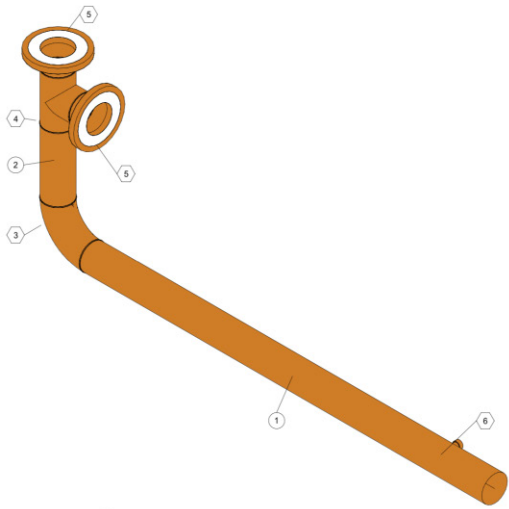
PROJECT STATS:

Trade : **Mechanical Pipe**

Scope : **Commercial MER**

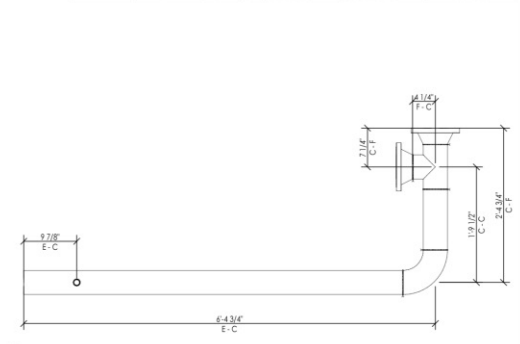
Location : **NY**





① HWR-003 Isometric View

Bill of Materials					
Tag#	Qty	Size	Description	Weight (ea)	Material
3	1	4"	Long Radius 90 Elbow	0	Carbon Steel
4	1	4"	Straight Tee	4.31	Carbon Steel
5	1	4"	150# RF WN Flange Sch 40 Bore	0	Carbon Steel
5	1	4"	150# RF WN Flange Sch 40 Bore	0	Carbon Steel
6	1	3/4"x4"	Thread O-Let (1/4x4)	0.18	Forged Steel



② HWR-003 Elevation View

Revision Schedule			Mechanical Contractor		Special Weight		Job Name	
Date	Description	Rev	 68 FANNY ROAD BRIDGEVIEW, NJ 07003		7'x2'	LIBR	LIBR	
12/5/2022	Submitted for Construction	0	 Drafting Company		Designer: Hilda BSM Detailer: AB Level: General	Customer / Location: Tumb Mechanical LIBR - Boiler Room A	Job Number: HWR003.012 Ref DWG: MP-110.0 Plot Date: 12/5/22	Special Number: HWR-003

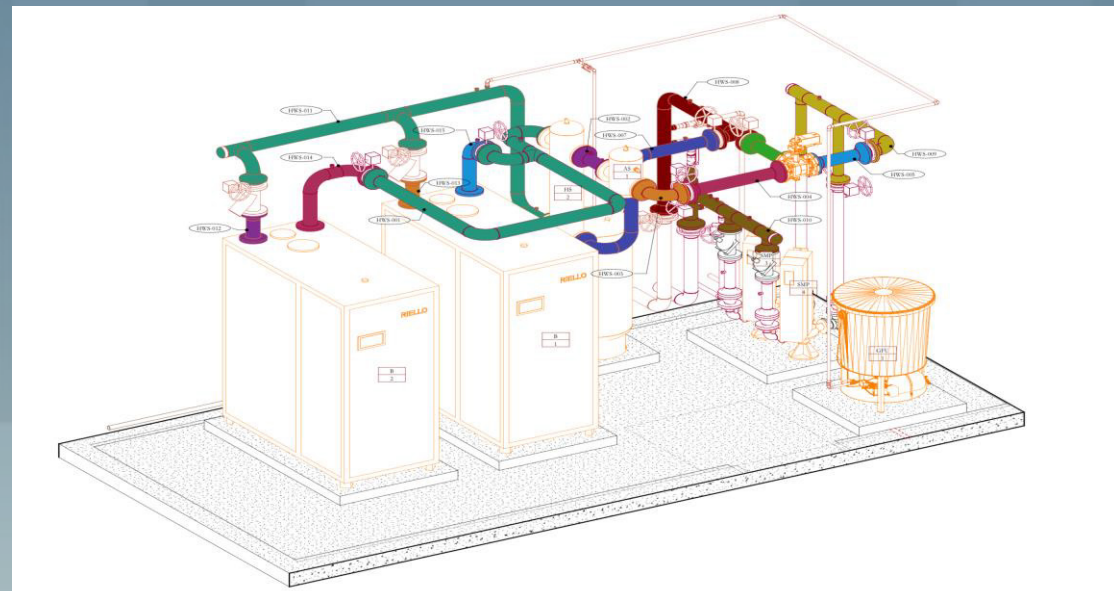


PROJECT STATS:

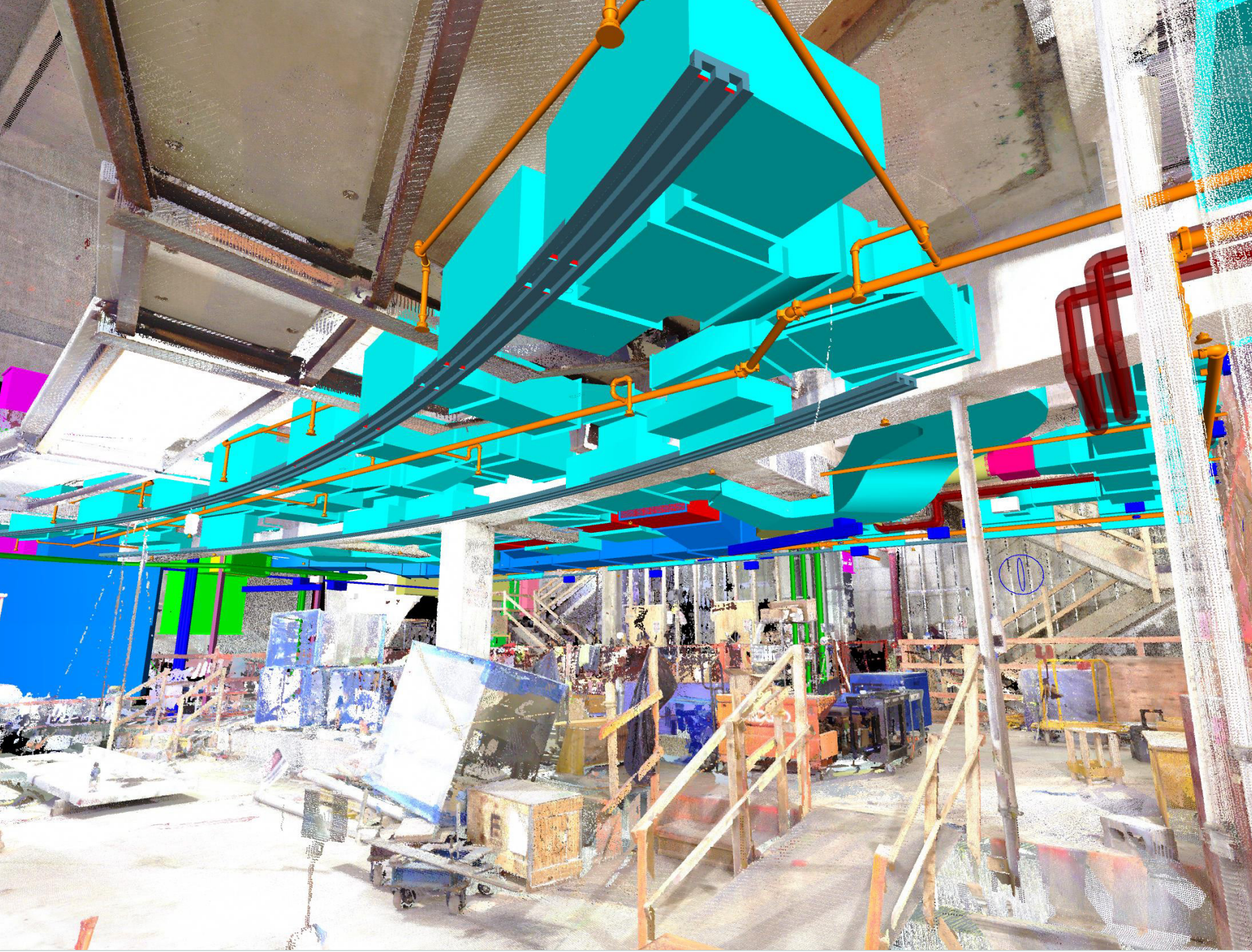
Trade : **Plumbing**

Scope : **Spooling**

Location : **NJ**



4 BOILER ROOM "BR" ISOMETRIC VIEW
MP-110.0



PROJECT STATS:

Trade : **BIM Coordination**

Scope : **BIM Coordinator**

Location : **125W57**

PROJECT SETUP & HELM PLATFORM

Management & Custom Project Setup on ACC

- Quality and risk control
- Project Management systems, reducing waste and errors
- Tech to build with control (Autodesk, BIMTrack, Navisworks)
- Safe workplace and implementation of high standards

Design & Constructability Analysis

- Time is of the essence – manage deliverables ahead of const.
- Assemble each design into a single 3D platform (Arch/MEP/Structural) for design analysis and clash detection
- Proven strategies to solve problems earlier
- MEP vs. MEP/STRUCT/ARCH

Design Assist & Team Collaboration

- Renderings and virtual integrations
- Analyze schematic design to constructability
- Recognize issues and propose effective solutions
- Collaborate with designers to finalize construction documents

Costs Savings & Schedule

- Design for constructability and to minimize excess material
- Value engineering alternatives & design review
- Establish better options to original engineer design 16
- Market specifications for accurate installation
- Sustainability design and Lean Construction Compliance

Client Relation

- Communication and success
- Maintain engagement with client throughout entire process
- Cost-conscious decision making
- Ensures desired design intentions are realized
- Professional dedication towards a team goal – We're all together

Turnover & Post Construction

- Turnover client asset with as-built documentation and training
- BIM technology training
- Operator system and building support



BIM MANAGEMENT CONSTRUCTION CONSULTANT

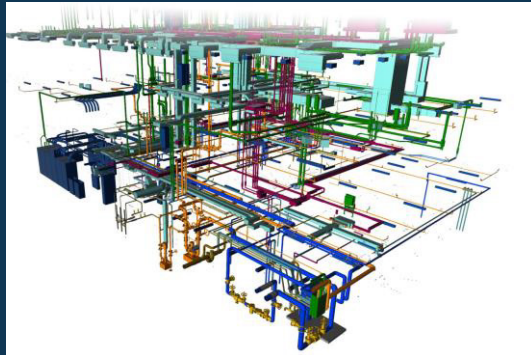
Mechanical Electric Plumbing (MEP) Expertise

Virtual Design & Construction

Building Info Management (BIM) Coordination

Trade Management

Design Assist



PRECONSTRUCTION SERVICES

Construction Ready Shop Drawings

Value Engineering

Constructability Analysis

3D Laser Scan Conditions

Spooling for Fabrication



THANK YOU

For additional information and pricing:

Aaron Bronshtein - aaron@helmbim.com

Josh Bronshtein - josh@helmbim.com

www.helmbim.com



We are the solution.

HELM TEAM

Our mission is to deliver exceptional BIM Managements services by leveraging our diverse industry knowledge and hands-on experience. With a team comprised of professionals from various parts of the construction industry, we bring expertise in design development, constructability analysis, and overcoming coordination and construction challenges. We strive to make a lasting impact in the industry by delivering innovative solutions to every project we take on.

BIM Management Consultant

Constructability Analysis

Design Assist

Preconstruction / Post Construction Services

3D Modeling & Fabrication Level Shop Drawings

Laser Scan to BIM

SOLUTIONS

Helm offers top-notch building information modeling (BIM) coordination services and is ahead of the curve in preconstruction planning and design coordination. Their team is highly skilled in utilizing cutting-edge technology and strategies to streamline the coordination process, saving time and money. Their expertise in BIM coordination ensures that all aspects of the project are seamlessly integrated and effectively managed from start to finish. The company's proactive approach with constructability in mind and valuable experience onsite sets them apart, as they work from day 01 to identify potential issues and implement solutions before they become problems. The attention to detail and approach with field installation in mind, proves to be successful on all fronts. The result is a smoother, more efficient construction process, and a successful project delivered on time and within budget.

BIM Execution Plan

Design Collaboration in 3D

Client Relations & Reporting

Trade Coordination & Clash Detection

Composite Slab Penetrations Drawings

Turnover & Building Management As-Builts

CREDENTIALS

Over **18 Million SF** **BIM Coordination for New Construction**

Over **9 Million SF** **BIM Coordination for Renovation Projects**

Over **6 Million SF** **Shop Drawing & Spooling for Prefabrication**

Over **3 Million SF** **Laser Scanning & Precise As-Built Studies**

[Link Here \(Scan to BIM Reference \)](#) - Wistar Mechanical Penthouse

[Link Here \(Coordination Consultant Reference \)](#) - Luxury Condominium

Visit the website for more information and projects: www.helmbim.com

THE HELM STANDARD



Meeting agenda



Meeting 28: █ et - BIM Coordination

Date: Aug 1, 2023 Time: 2:00 PM - 4:00 PM EDT

Invitees & Attendance

Organizers

- Aaron Bronshtein (Helm)
- Josh Bronshtein (Helm)
- Steven Bioletti (Helm)

Invitees

<input type="radio"/>		<input type="radio"/>	
<input type="radio"/>			
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Description

Bim Coordination Meeting (Sleeves & Overhead) █ ject

Meeting Discussion

Project Specific Items

1. General █ Project Status Update & New Items



- 1. █ to review project status and advise of any new items, field status, as-built conditions or anticipated changes that may impact the coordination effort.
 - 1. Status Vertically / Anticipated Pour Schedule (Tower = 1 Floor / Wk)
 - 1. Level 11 : 7/25(W) >> 7/31 (E)
 - 2. Level 12 : 8/02 (W) >> 8/04 (E)

1. **AE still hasn't returned level 14 -16 sleeve penetrations drawings (submitted 08.01.23) returned with any comments for further implementation.**

3. **Stripping & Overhead Preparation Status : L03 Ongoing**

2. RFI's & BIMTrack

1. All trades to determine limits of the BIM Track issue and submit an RFI in a timely manner to HM to AEOR review and input. This is critical to the design process.
 1. Clarifications regarding floor buildup within model
 2. Heat Tracing / Insulation RFI >> Clarify any conditions of piping outside of heated plenum (Plumbing + Mech)
 1. New RFI Updates?
 2. Subcontractor urgent RFI's to submit?
2. HM to advise any new RFI responses that would affect coordination.
3. [L05 Design Issues BIM Track Items Link](#) BIMTrack Items (DESIGN ISSUES) - A/E to respond accordingly to BIMTrack Items

 **Created on** Mar 7, 2023 by Josh Bronshtein

Last updated on Aug 1, 2023 by Josh Bronshtein

2. Hot Items & Look Ahead Schedule

 Open

1. Critical Outstanding Items

1. **Review & Incorporate New Drawing Info (IFC Set 06.23.23 / Issued 07.05.23)**

1. Subcontractors to review new drawings and update model accordingly.
2. Subcontractors to review and conflicting conditions and submit RFI's ASAP.
 1. **L05 Findings: (continue review 08.01 pending AE Review 7.28 of corridor conditions)**
 2. *Conflicts with corridor ceiling vs. MEP Design requirements (inefficient space + rated enclosure)*
 3. *Conflicts between mechanical floor plans and risers >> AMA to clarify*
 4. *Conflicts with Heated Plenum Ceiling vs. MEP Design*
3. *Conflicts with piping within heated plenum vs. piping routing* Subcontractors to determine impacts and if any delays associated with updating their work.

2. **Composite Sleeve Drawing**

1. *Trades to submit next week by 7/14 for composite submission.*
1. *Due to IFC Set and associated changes in design, anticipated composites to be submitted week of 07.24.23. >> 1 Week Level 17-19* - All trades to prepare penetrations drawings for submission by 6/30 for composite.

3. **Coordination Sign Off Documentation**

1. **Level 03 & 04** - Sign Off Documentation to be distributed via Docusign for subcontractor signoff.
2. **Level 05** - All trades to finalize model and address clashes for anticipated sign off.

2. Anticipated Coordination Sign Offs

1. Level 05

1. **Sign Off** anticipated for **07.25.23**, pending subcontractor status, meeting review of open items and design issues. *(New drawings IFC pending review, issued 07.05.23)*

3. Shop Drawings

1. Per [REDACTED], all trades to submit their shop drawings immediately upon sign-off to the owner for AE review and approval.

Item attachments

05.25.23 - [REDACTED] - Concrete Pour Schedule x BIM Coordination R2.p...

 **Created on** Mar 7, 2023 by Josh Bronshtein

Last updated on Aug 1, 2023 by Josh Bronshtein

3. Shop Drawing Submissions & Composite Slab Penetrations

 Open

- L01 - L13 have been returned and in the Returned Shop Drawings Folders for Reference
- **Returned Submittals from AEOR**
 - **L12 & L13** >> [File Location \(12\)](#) & [File Location \(13\)](#) >> Submitted to HM 07.24.23
- **Resubmitted for Record Review**
 - [File Location](#) >> Submitted by HM **06.19.23** *(Currently Pending HLW)* [REDACTED]
- **L14 Composite Slab Penetrations**
 - [File Location](#) >> Submitted by HM **06.19.23** *(Currently Pending HLW)*
- **L15 Composite Slab Penetrations**
 - [File Location](#) >> Submitted by HM **06.19.23** *(Currently Pending HLW)*
- **L16 Composite Slab Penetrations** [REDACTED]
- **Pending Submittal Approval from AEOR**
 - *Per Meeting on 06/20, design team commented that 17th floor is still being finalized prior to issue for coordination.*
 - *Submit all floors by next week (07/25). Subcontractors have uploaded plans and Helm to create composite for submission, anticipated by c.o.b. 06.29.23*
- **L17 - Roof Composite Slab Penetrations**
- **Requested Penetrations Drawings for Composite from Subcontractors**

 **Created on** Mar 7, 2023 by Josh Bronshtein **Last updated on** Aug 1, 2023 by Josh Bronshtein

4. Design Consultant Open Items

 Open

1. Anticipated Sketches / Bulletins

1. Per [REDACTED], next bulletin is expected to be issued by first week of April, including potential changes to bathroom layouts on the 6th floor.

2. Per review with AEOR Team during week of 03.13.23, significant MEP changes anticipated (riser system and locations, condensate drainage).
3. IFC for Construction anticipated to be issued **06.16.23** >>
 1. *Still shows discrepancies in architectural background from previous penetrations markups. **Delayed Issued 07.05.23 (Dated 06.23.23)***

2. **Updated Revit file for accuracy in coordination.**
3. **Adress Open Design Issues via BIMTrack**

 **Created on** Mar 7, 2023 by Josh Bronshtein **Last updated on** Jul 18, 2023 by Josh Bronshtein

Coordination Summary

1. Level 03: L03 Model

 Open

1. L03 Clash Report : **18 Dock St BIM Track Report - L03 - 06.27.23**

1. Review Model and update 
2. *All trades to review and sign off on sign off packet and address any open items in shop drawing process for A/E review and comments. Action Items & Clash Review:*

 **Created on** Mar 7, 2023 by Josh Bronshtein **Last updated on** Jul 11, 2023 by Josh Bronshtein

2. Level 04: L04 Model

 Open

1. L04 Clash Report : **18 Dock St BIM Track Report - L04 - 06.27.23**


1. Review Model and update 
2. *All trades to review and sign off on sign off packet and address any open items in shop drawing process for A/E review and comments. Action Items & Clash Review:*

 **Created on** May 24, 2023 by Josh Bronshtein **Last updated on** Jul 18, 2023 by Josh Bronshtein

3. Level 05: L05 Model

 Open

1. L05 Clash Report : **18 Dock St BIM Track Report - L05 - 08.01.23**


1. Review Model and update 
 1. **MECH - 26 Issues** (Current Model **08.01.23**)
 2. **PLMBG - 09 Issues** (Current Model **08.01.23**)
 3. **ELEC - 02 Issues** (Current Model **08.01.23**)
2. **FP - 12 Issues** (Current Model **07.25.23**) Action Items & Clash Review:

5. Design Issues - 23 Issues - (RFI's to be submitted by HM)

1. Conflicts with the structural and architectural to be reviewed further during the meeting.
2. Conflicts with architectural ceiling conditions for overhead piping within the apartments
3. Major conflicts with corridors and achieving desired ceiling heights
 1. Rated duct enclosures, plumbing stub ups, gas rated enclosure, access doors,

 Created on Jun 27, 2023 by Josh Bronshtein Last updated on Aug 1, 2023 by Josh Bronshtein

Key Dates & Milestones (Refer to Concrete Schedule)

1. Overhead Coordination of Level 01 Ground floor to start per trades uploads of their files on 04/04/23. Anticipated coordination schedule to be created for teams review at next meeting.  Open
 - Revised Schedule provided for subcontractor reference dated **07.17.23**

Item attachments



07.17.23  S - Concrete Pour Schedule x BIM Coordination R5 - ...

 Created on Apr 4, 2023 by Josh Bronshtein Last updated on Aug 1, 2023 by Josh Bronshtein

Open RFIs:



1.  to advise and notify the team of any new RFI's submitted or responded to per CMIC.  Open

 Created on Jun 13, 2023 by Josh Bronshtein

2. Design Team Issues & RFI's per BIMTrack  Open
 1.  - BIM Track Issue Report - DESIGN TEAM : [Folder Link Here](#)

 Created on Jun 23, 2023 by Josh Bronshtein Last updated on Jun 23, 2023 by Josh Bronshtein

Drawings & Sketches (Anticipated / Issued?)

1. Del  Issued 07.05.23 (Dated 06.23.23) Per HM, next drawing set is to be issued **06.16.23**  Open (Final IFC Set) and should incorporate RFI's and other design changes.

 **Created on** May 24, 2023 by Josh Bronshtein **Last updated on** Jul 18, 2023 by Josh Bronshtein

Questions

Meeting Summary

This meeting has no summary

HELM SAMPLE - Project Setup - Cloud Based via Autodesk

Files





























Folders Holding area

- Project Files
 - 01 DESIGN DOCUMENTS
 - AMA - MEP Engineer
 - DES - DeSIMONE Structural Engineer
 - ELS - Landscape Architect
 - HLW - Architects
 - Project Specs
 - RM - Redniss & Mead Civil Engineer
 - 02 TRADE COORDINATION
 - 00 COORDINATION SIGN OFF
 - 00 OVERALL NAVISWORKS MODEL
 - TOS 000-00 LEVEL 01 - MAIN LOBBY
 - TOS 015-00 LEVEL 02
 - TOS 025-00 LEVEL 03
 - TOS 035-00 LEVEL 04
 - TOS 045-00 LEVEL 05
 - TOS 59-00 LEVEL 06
 - TOS 069-00 LEVEL 07
 - TOS 80-00 LEVEL 08-10
 - TOS 112-00 LEVEL 11-16
 - TOS 174-00 LEVEL 17
 - TOS 184-00 LEVEL 18
 - TOS 194-00 LEVEL 19
 - TOS 204-00 LEVEL 20
 - 03 TRADE COORDINATION REFERENCES
 - 04 MEETING MINUTES & CLASH REPORTS
 - 05 EQUIPMENT SUBMITTALS
 - 06 WORKING MODELS

Upload files

<input type="checkbox"/> Name ↑	Version	Last updated	Updated
<input type="checkbox"/> 01 COMPOSITE NWF	--	Jun 27, 2023 11:47 AM	Jos
<input type="checkbox"/> 02 COMPOSITE NWD	--	Jun 27, 2023 1:38 PM	Jos
<input type="checkbox"/> 03 NWC WORKING FILES	--	Aug 1, 2023 2:42 PM	Abc
<input type="checkbox"/> 04 DWG FILES	--	Mar 6, 2023 1:32 PM	AS ACC
<input type="checkbox"/> 05 DWG PENETRATION	--	Jul 11, 2023 10:20 AM	Jes
<input type="checkbox"/> 06 DWG OVERHEAD	--	Mar 6, 2023 1:32 PM	AS ACC
<input type="checkbox"/> 07 DWG RISERS	--	Mar 6, 2023 1:32 PM	AS ACC
<input type="checkbox"/> 08 DWG PADS	--	Mar 6, 2023 1:32 PM	AS ACC
<input type="checkbox"/> 09 COMPOSITE PDFS	--	May 3, 2023 12:59 PM	Eka
<input type="checkbox"/> 10 PDF SHOP DRAWINGS	--	Mar 6, 2023 1:32 PM	AS ACC
<input type="checkbox"/> 11 CLASH REPORT	--	Mar 6, 2023 1:32 PM	AS ACC
<input type="checkbox"/> 12 RFI	--	Mar 6, 2023 1:32 PM	AS ACC
<input type="checkbox"/> 13 VIEWPORTS	--	Mar 6, 2023 1:32 PM	AS ACC
<input type="checkbox"/> 14 SHOP BACKGROUNDS	--	Apr 18, 2023 9:19 AM	Jos

HELM SAMPLE - File Upload History and Time Stamp

						
<input type="checkbox"/> Name ↑		Version	Last updated	Updated by	Size	Markup
<input type="checkbox"/>  [REDACTED]_L05_MDRY_MM.nwc		V11	Aug 1, 2023 12:00 PM	 [REDACTED]	4.3 MB	
<input type="checkbox"/>  [REDACTED]_L05_PIPE_MM.nwc		V16	Aug 1, 2023 2:45 PM	 [REDACTED]	7.9 MB	
<input type="checkbox"/>  [REDACTED]_L05_ARCH_HLW.nwc		V4	Jul 7, 2023 11:14 AM	 [REDACTED]	12.3 MB	
<input type="checkbox"/>  [REDACTED]_L05_BENCHMARK_HM.nwc		V1	Mar 7, 2023 2:40 PM	 [REDACTED]	2.1 KB	
<input type="checkbox"/>  [REDACTED]_L05_EL_AE.nwc		V14	Aug 1, 2023 1:21 PM	 [REDACTED]	17.8 MB	
<input type="checkbox"/>  [REDACTED]_L05_FP_NWM.nwc		V4	Jul 25, 2023 2:06 PM	 [REDACTED]	6.6 MB	
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<input type="checkbox"/>  [REDACTED]_L05_STL_DES.nwc		V1	Mar 7, 2023 2:41 PM	 [REDACTED]	2.1 KB	
<input type="checkbox"/>  [REDACTED]_L05_STRU_DES.nwc		V3	Jul 7, 2023 11:12 AM	 [REDACTED]	707.1 KB	



Issue Report

Summary

Total project issues : 444

Total printed issues : 57

Title	All	Description	All
Assigned to	All	Level	Level 05
Type	All	Phase	All
Priority	All	Discipline	All
Status	Open, Reopened, Resolved	Group	All
Team involved	All	Author	All
Number	All	Visibility	All

0 days

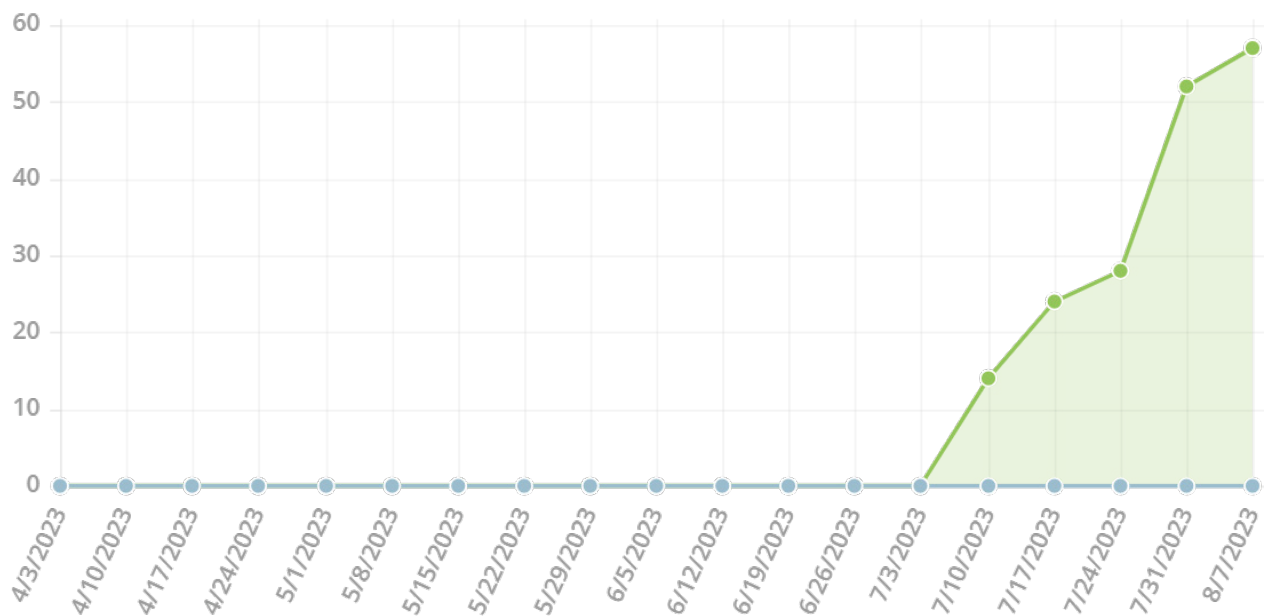
AVERAGE TIME TO CLOSE AN ISSUE

14.1 days

AVERAGE OPENED ISSUE AGE

TOTAL VS CLOSED ISSUES

- Number of issues
- Closed

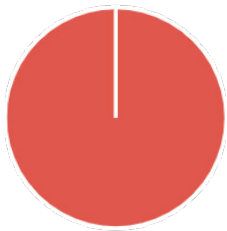


ISSUES BY ASSIGNED TO



32
6
10
6
3

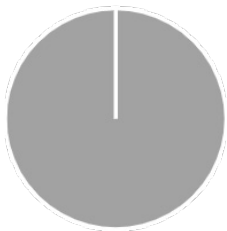
ISSUES BY PRIORITY




 Critical

57

ISSUES BY PHASE



 [Not set]

57

ISSUES BY LEVEL



Level 05

57

ISSUES BY STATUS



Open

48

Resolved

9

ISSUES BY TYPE



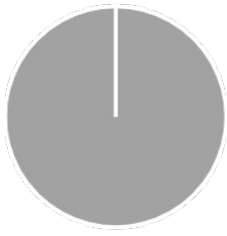
Contractor Issue

24

Design Issue

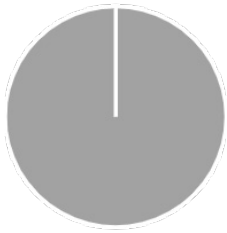
33

ISSUES BY TEAM INVOLVED



[Not set] 57

ISSUES BY GROUP



[Not set]

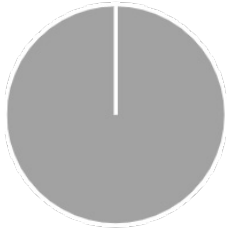
57

ISSUES BY DISCIPLINE



Architecture	29
Electrical	9
Fire Protection	21
Mechanical	35
Plumbing	42
Structure	4

ISSUES BY AUTHOR

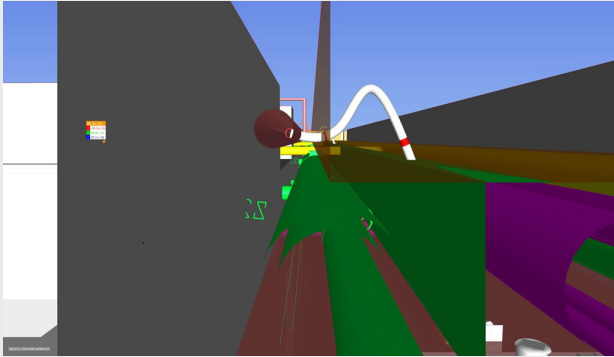


■ josh@helmpiping.com

josh@helmpiping.com

444. FP vs. FP

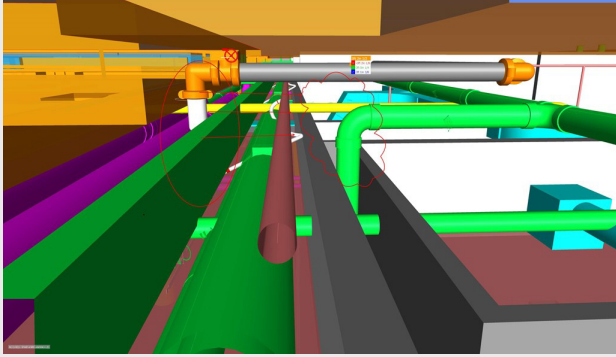
Description: Please verify that you will be able to connect to the sprinkler main for the heads and penetrating the 2HR rated enclosure for the gas.



Author	Josh Bronshtein (josh@helmpiping.com)
Created	8/8/2023 4:42 PM
Last changed by	Josh Bronshtein (josh@helmpiping.com)
Last changed	8/8/2023 4:42 PM
Due date	8/15/2023 4:00 AM
Assigned to	[REDACTED]
Type	Contractor Issue
Priority	Critical
Status	Open
Level	Level 05
Phase	
Discipline	Fire Protection, Plumbing
Group	
Team involved	
Notify	[REDACTED]
Visibility	All users in project

443. SP vs. MWET

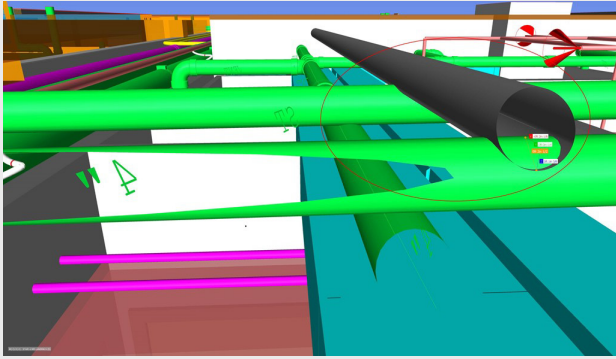
Description: Shift the drop of the sprinkler pipe to the outside wall of the corridor.



Author	Josh Bronshtein (josh@helmpiping.com)
Created	8/8/2023 4:36 PM
Last changed by	Josh Bronshtein (josh@helmpiping.com)
Last changed	8/8/2023 4:36 PM
Due date	8/15/2023 4:00 AM
Assigned to	[REDACTED]
Type	Contractor Issue
Priority	Critical
Status	Open
Level	Level 05
Phase	
Discipline	Fire Protection, Plumbing
Group	
Team involved	
Notify	[REDACTED]
Visibility	All users in project

442. SP vs. PL

Description: Please raise the lines 1.5" to clear the plumbing below.



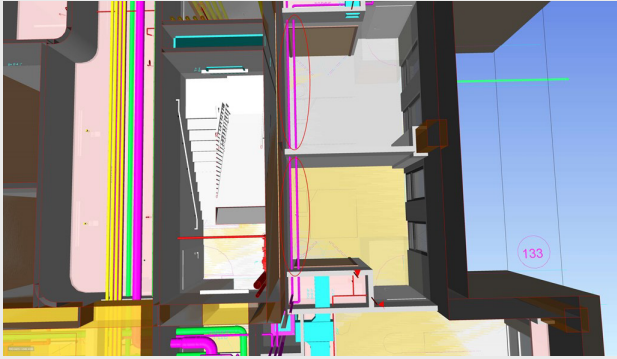
Author	Josh Bronshtein (josh@helmpiping.com)
Created	8/8/2023 4:34 PM
Last changed by	Andreia Sousa (andreia@nwmOre.com)
Last changed	8/8/2023 4:43 PM
Due date	8/15/2023 4:00 AM
Assigned to	[REDACTED]
Type	Contractor Issue
Priority	Critical
Status	Open
Level	Level 05
Phase	
Discipline	Fire Protection, Plumbing
Group	
Team involved	
Notify	[REDACTED]
Visibility	All users in project

COMMENTS

USER / DATE	COMMENTS
Andreia Sousa 8/8/2023 4:43 PM	I can't. 4" hanger need at least 6" bottom of slab.

433. ARCH vs. MWET

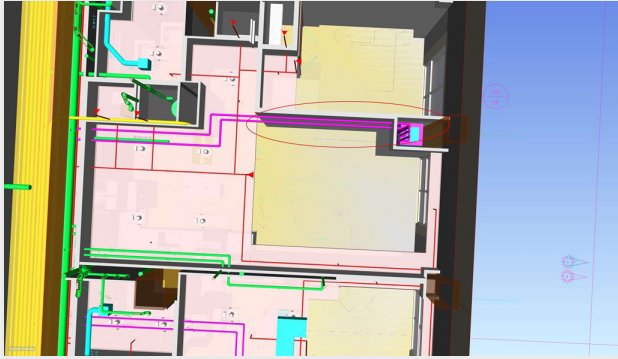
Description: SoOt required for the mechanical piping crossing the ceiling in this area.



Author	Josh Bronshtein (josh@helmpiping.com)
Created	8/4/2023 4:45 PM
Last changed by	Josh Bronshtein (josh@helmpiping.com)
Last changed	8/4/2023 4:45 PM
Due date	8/11/2023 4:00 AM
Assigned to	[REDACTED]
Type	Design Issue
Priority	Critical
Status	Open
Level	Level 05
Phase	
Discipline	Architecture, Fire Protection, Mechanical, Plumbing
Group	
Team involved	
Notify	[REDACTED]
Visibility	All users in project

430. ARCH vs. MWET

Description: SoOt required for mechanical piping to unit riser.



Author	Josh Bronshtein (josh@helmpiping.com)
Created	8/4/2023 4:41 PM
Last changed by	Josh Bronshtein (josh@helmpiping.com)
Last changed	8/4/2023 4:41 PM
Due date	8/11/2023 4:00 AM
Assigned to	[REDACTED]
Type	Design Issue
Priority	Critical
Status	Open
Level	Level 05
Phase	
Discipline	Architecture, Fire Protection, Mechanical, Plumbing
Group	
Team involved	
Notify	[REDACTED]
Visibility	All users in project