AD .	AREA DRAIN	IW	INDIRECT WASTE		
BFP	BACKFLOW PREVENTOR	JS	JANITOR SINK		
CI	CAST IRON	L	LEADER		
CL	CENTER LINE	LAV	LAVATORY		
CLG	CEILING	MAX	MAXIMUM		
СО	CLEANOUT	MIN	MINIMUM		
CODP	CLEANOUT DECK PLATE	MS	MOP SINK		
COWP	CLEAN OUT WALL PLATE	NFWH	NON-FREEZE WALL HYDRANT		
COL	COLUMN	NIC	NOT IN CONTRACT		
СР	CONTROL PANEL	NTS	NOT TO SCALE		
CW	COLD WATER	OD	OVERFLOW DRAIN		
DCV	DOUBLE CHECK VALVE	OS&Y	OUTSIDE SCREW & YOKE		
DCDA	DOUBLE CHECK DETECTOR ASSEMBLY	PG	PRESSURE GAUGE		
DFU	DRAINAGE FIXTURE UNIT	PLMB	PLUMBING		
DIA	DIAMETER	PO	PLUGGED OUTLET		
DN	PIPE DOWN THRU FLOOR	POE	POINT OF ENTRY		
DR	DRAIN	PS	PANTRY SINK		
DWG	DRAWING	RD	ROOF DRAIN		
EL	ELEVATION	RPZ	REDUCED PRESSURE ZONE		
ELEC	ELECTRIC	RM	ROOM		
EWH	ELECTRIC WATER HEATER	S	SOIL		
F	FIRE SERVICE	SA	SHOCK OBSORBER		
FAI	FRESH AIR INTAKE	SS, SAN	SANITARY		
FD	FLOOR DRAIN	ST	STORM DRAIN		
FFD	FUNNEL FLOOR DRAIN	SE	SEWAGE EJECTOR		
FL	FLOOR	SP	SUMP PUMP		
FU	FIXTURE UNIT	SPEC	SPECIFICATIONS		
FS	FLOOR SINK	SQ. FT.	SQUARE FEET		
GAL	GALLON	TD	TRENCH DRAIN		
GC	GENERAL CONTRACTOR	TMV	THERMOSTATIC MIXING VALVE		
GI	GREASE INTERCEPTOR	TR	TRAP		
GM	GAS METER	TYP	TYPICAL		
GV	GATE VALVE	V	VENT		
GW	GRAY WASTE	VTR	VENT THROUGH ROOF		
НВ	HOSE BIB	VB	VACUUM BREAKER		
НС	HANDICAPPED	W	WASTE		
HVAC	HEATING, VENTILATION & AIR CONDITIONING	WC	WATER CLOSET		
HW	HOT WATER	WH	WALL HUNG		
HWH	HOT WATER HEATER	WHA	WATER HAMMER ARRESTER		
HWR	HOT WATER RETURN	WSFU	WATER SUPPLY FIXTURE UNIT		
IE	INVERT ELEVATION				

LUMBIN	IG SYMBOLS	PLUMBIN	G SYI
YMBOL	DESCRIPTION	SYMBOL	DESCR
SAN	SANITARY PIPING BELOW GRADE	-KNK-	BACK F
SAN	SANITARY WASTE (S OR W)		CHECK
ST	STORM DRAINAGE (ST)		GATE V
OD_	OVERFLOW STORM DRAINAGE		
v	VENT	φ	BALL VA
CW	DOMESTIC COLD WATER		GAS VA
HW	DOMESTIC HOT WATER		GLOBE
HWR	DOMESTIC HOT WATER RETURN		PRESSI
G	NATURAL GAS	-\$	TEMPE
GW	RAINWATER REUSE		PRESSI
SED	SEWAGE EJECTOR DISCHARGE		
PD	PUMP DISCHARGE PIPING		THERM
GRW	GRAY WATER (LA ONLY)		VALVE
P400	SECTION SHEET No.		CURB V
P	SECTION NUMBER SYSTEM DESCRIPTION BLUMBING BIGGS		SOLEN
#	RISER NUMBER PLUMBING RISER		OUTSID
ST #	SYSTEM DESCRIPTION RISER NUMBER STORM RISER		STRAIN
(F)	SYSTEM DESCRIPTION RISER NUMBER GAS RISER	P	PRESS
P #	EQUIPMENT DESCRIPTION EQUIPMENT REFERENCE	,	
•	CONNECT NEW TO EXISTING	<u></u>	HOSE E
	HOT WATER BALANCING ASSEMBLY	<u> </u>	VACUU
— <u>I</u> I	CLEANOUT		THERM
	CLEANOUT DECK PLATE	—	PUMP
	DRAIN	-0-	CIRCUL
)	P-TRAP	5	SCHEM
<u> </u>	SHOCK ABSORBER		FLOOR
TP-	TRAP PRIMER	JL	VENT T
-	ARROW INDICATES DIRECTION OF FLOW		METER
-0	ELBOW UP OR RISE	[M]	
\Rightarrow	ELBOW DN OR DROP	[F]	FILTER
	PIPING WITH ELECTRIC TRACE HEATING	D	FAI
<u> </u>	PIPING INTERRUPTED OR TO BE CONTINUED		VENT I
—]	CAP OR END OF PIPE		PIPE SL
-	BOTTOM CONNECTION		WATERI
<u> </u>	TOP CONNECTION		NON FR
<i>→</i> >	VALVE ON PIPE RISE		

SYMBOL	DESCRIPTION				
-KNK-	BACK FLOW PREVENTER				
	CHECK VALVE				
\longrightarrow	GATE VALVE				
	BALL VALVE				
<u></u>	GAS VALVE				
	GLOBE VALVE				
	PRESSURE REDUCING VALVE				
-14	TEMPERATURE & PRESSURE RELIEF VALVE				
	PRESSURE REGULATING VALVE				
	THERMOSTATIC MIXING VALVE				
	VALVED CAPPED OUTET				
	CURB VALVE				
S —————	SOLENOID VALVE				
	OUTSIDE STEM AND YOKE VALVE W/ TAMPER SWITCH				
	STRAINER				
P	PRESSURE GAUGE				
<u></u>	HOSE BIB				
	VACUUM BREAKER				
	THERMOMETER				
_	PUMP				
—	CIRCULATOR PUMP				
50	SCHEMATIC PUMP				
	FLOOR SINK				
JL	VENT THRU ROOF				
[M]	METER				
[F]	FILTER				
•	FAI				
	VENT INCREASER				
	PIPE SLEEVE				
	WATERPROOF PIPE SLEEVE				

Owner Storm King Art Center
1 Museum Road New Windsor, NY 12553 +1 (845) 534-3115 **Design Architect** heneghan peng architects 14-16 Lord Edward Street Dublin, D02 YC63, IE +353 1 633 9000 **Executive Architect** WXY Architecture + Urban Design 224 Centre Street, 5th Floor New York, NY 10013 +1 (212) 219-1953 Landscape Architect Gustafson Porter + Bowman 1 Cobham Mews London, MW1 9SB, UK +44 020 7284 8950 Reed Hilderbrand LLC 33 Whitney Avenue, 3rd Floor New Haven, CT, US 06510 +1 (617) 923-2422 Structural & Lighting ARUP 77 Water Street New York, NY, US 10005 +1 (212) 896-3000 MEPF & IT BuroHappold 100 Broadway #23 New York, NY, US 10005 +1 (212) 616-0228 Civil VHB 100 Great Oaks Blvd., Suite 118 Albany, NY, US 12203 +1 (518) 389-3606 **AV & Acoustics** LSTN Consultants 76 Beaver Street, 2nd Floor New York, NY, US 10005 +1 (347) 788-0810 Facade Front Inc. 100 E. Broadway Street, #501 New York, NY, US 10002 +1 (212) 242-2220 **Key Plan**

Description Date
Filing Set 06/17/22

Storm King
Art Center
Welcome
Pavilions

Sea

NOT FOR CONSTRUCTION

Drawing Title

Abbreviations,

Symbols, and

Legends

Date	06/17/22	
Scale	Not to Scale	
Drawing Number	P-W-001	
Sheet Size	ADCUD	
Sheet Size	ARCH D	_

PLUMBING NOTES:

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND JOB CONDITIONS AND SHALL REPORT TO
- CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL
- ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKPERSON LIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE AND
- NOTIFY BUILDING MANAGER AT LEAST 48 HOURS BEFORE NEW WORK OR BEFORE SHUT DOWN DESIGNATED TIMES UNDER BUILDING MANAGER'S SUPERVISION AND ONLY WITH THEIR
- CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING WITH BUILDING MANAGEMENT FOR
- WITH ARCHITECTURAL LAYOUTS, INCLUDING CEILING HEIGHTS.
- CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS AND MANUFACTURERS' CUTS AND SAMPLES

- CONTRACTOR SHALL CARRY AND DOCUMENT LIABILITY, ACCIDENT AND PROPERTY DAMAGE INSURANCE AS REQUIRED BY COOPERATIVE CORPORATION AND OBSERVE THEIR PERMITTED
- CONTRACTOR SHALL EXERCISE EXTREME CARE IN PROTECTING AREAS ADJACENT TO CONSTRUCTION AREAS. SHALL FULLY PROTECT THEM FROM ANY DAMAGE RESULTING FROM CONTRACTOR'S WORKPERSONS, SUBCONTRACTORS OR AGENTS, AND SHALL BE RESPONSIBLE
- ALL DIMENSIONS GIVEN ARE FINISH DIMENSIONS UNLESS OTHERWISE STATED.
- REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS.UNLESS SPECIFICALLY STATED OTHERWISE, CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, APPURTENANCES, EQUIPMENT AND SERVICES TO COMPLETE ALL WORK AS INDICATED ON DRAWINGS AND/OR SPECIFIED ON NOTES.
- DIRECTIONS WITH APPLICABLE CODES, INSTRUCTIONS AND RECOMMENDATIONS FOR ALL MATERIALS AND PROCESSES USED IN THIS CONTRACT. PROVIDE ALL FITTINGS, TRANSITIONS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
- BUILDING DEPARTMENT APPROVED PLANS SHALL BE TURNED OVER TO OWNER AT THE COMPLETION OF THE JOB.
- 17. AT THE FINAL COMPLETION OF THE JOB, CONTRACTOR SHALL SUBMIT TO THE OWNER AND TO ENGINEER A NOTARIZED AFFIDAVIT STATING COMPLIANCE WITH ALL PROVISIONS OF THIS
- STEEL WITH CHROME PLATED FINISH.
- YEAR, STARTING FROM DATE OF FINAL COMPLETION OF ALL WORK.
- CONTRACTOR SHALL COORDINATE ALL FLOOR CORING SLEEVES AND FLOOR OPENINGS WITH
- ALL PIPING PENETRATIONS THROUGH WALLS OR CEILINGS SHALL BE PROVIDED WITH
- PLUMBING CONTRACTOR SHALL OBTAIN THE BUILDINGS RULES AND REGULATIONS PRIOR TO BID AND SHALL MEET ALL REQUIREMENTS. NO EXTRA MONEY WILL BE BE AWARDED FOR ANY WORK PERFORMED AND MATERIAL PURCHASED THAT DOES NOT MEET THE REQUIREMENTS.
- ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS AND APPROPRIATELY MARKED ACCESS PANELS. COORDINATE LOCATIONS WITH GENERAL CONTRACTOR PRIOR TO
- BALANCING RIGS, TRAP PRIMERS AND CLEANOUTS.
- 28. CONTRACTOR TO VERIFY SYSTEM WORKING PRESSURE AND PROVIDE PRESSURE REDUCING
- 29. CONTRACTOR TO PROVIDE SHOCK ABSORBERS PRIOR TO ALL QUICK CLOSING VALVES.

- ENGINEER ANY DISCREPANCIES OR OMISSIONS THAT WOULD INTERFERE WITH SATISFACTORY COMPLETION OF THE WORK.
- EXISTING CONDITIONS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- OF EXISTING SERVICES. RISER SHUT DOWNS SHALL BE PERFORMED AT TENANT'S COST. AT
- HANDLING MATERIALS, AS WELL AS FOR ALLOWABLE WORKING HOURS AND DELIVERIES.
- PLUMBING CONTRACTOR SHALL COORDINATE ALL WORK WITH RESPECT TO ALL OTHER TRADES, INCLUDING STRUCTURE AND CEILING HEIGHTS. CONTRACTOR SHALL COORDINATE ALL WORK
- TO ARCHITECT PRIOR TO COMMENCEMENT OF SUCH WORK.
- CONTRACT DRAWINGS ARE NOT TO BE SCALED.
- CONTRACTOR SHALL COMPLY WITH ALL NEW YORK STATE AND LOCAL BUILDING DEPARTMENT AND REGULATORY AGENCIES AND CODE REQUIREMENTS. BE RESPONSIBLE FOR SECURING ALL NECESSARY PERMITS AND APPROVALS OF ALL TRADES.
- FOR REPAIRING, CLEANING OR REPLACING ANY SUCH DAMAGE.
- UNLESS SPECIFICALLY STATED OTHERWISE, CONTRACTOR SHALL FOLLOW MANUFACTURERS'
- UPON COMPLETION OF THE WORK, COMPLETELY CLEAN THE CONSTRUCTION AREA SUITABLE FOR THE OWNER'S USE, INCLUDING REMOVAL OF ALL LABELS (AFTER ARCHITECT'S INSPECTION), CLEANING OF ALL THE EQUIPMENT, CONSTRUCTION WORK, WINDOWS AND OTHER WORK, NEW AND OLD, IN THAT CONSTRUCTION AREA. MAINTENANCE MANUAL SHALL BE PROVIDED TO THE
- CONTRACT, INCLUDING ALL NOTES, EXCEPT FOR THOSE CHANGES SPECIFICALLY APPROVED IN WRITING BY THE ARCHITECT.
- VACUUM BREAKER AND RELATED PIPING SHALL BE INSTALLED BEHIND WALL; PROVIDE AN ACCESS PANEL TO THE VACUUM BREAKER. ALL EXPOSED PIPING AT THE PANTRY SHALL BE
- CONTRACTOR SHALL GUARANTEE ALL WORK PERFORMED UNDER THIS CONTRACT FOR ONE
- PROVIDE CLEANOUTS FOR CHANGES IN DIRECTION FOR ALL SANITARY PIPING.

APPROPRIATE FIRE RETARDANT SEALANT AND ESCUTCHEONS.

- STRUCTURAL DRAWINGS.
- INSTALLATION.
- PLATFORMS, CURBS, AND FLASHINGS FOR PLUMBING EQUIPMENT SHALL BE AS INDICATED ON THE STRUCTURAL AND ARCHITECTURAL PLANS, UNLESS NOTED OTHERWISE. COORDINATE EXACT SIZES OF REQUIRED OPENINGS AND SUPPORTS FOR FURNISHED EQUIPMENT.
- PROVIDE DRAIN DRIP PANS UNDER ALL PLUMBING DRAINAGE PIPING TO BE INSTALLED WITHIN THE ELECTRICAL AND TELEPHONE EQUIPMENT, KITCHEN, PANTRY OR FOOD PREPARATION AND DINING ROOM CEILINGS. PROVIDE TELLTALE DRAINAGE PIPE AND SPILL OVER CLOSET FLOOR DRAIN OR SERVICE SINK.
- PROVIDE ACCESS DOORS FOR SHUTOFF VALVES, SHOCK ABSORBERS, HOT WATER RETURN
- VALVES WHERE APPLICABLE.

+1 (212) 616-0228

BuroHappold 100 Broadway #23 New York, NY, US 10005

+1 (212) 896-3000

Civil

Owner

Storm King Art Center 1 Museum Road

+1 (845) 534-3115

Design Architect

+353 1 633 9000

New Windsor, NY 12553

heneghan peng architects

14-16 Lord Edward Street

WXY Architecture + Urban Design

224 Centre Street, 5th Floor

Gustafson Porter + Bowman

33 Whitney Avenue, 3rd Floor New Haven, CT, US 06510

Dublin, D02 YC63, IE

Executive Architect

New York, NY 10013 +1 (212) 219-1953

Landscape Architect

London, MW1 9SB, UK

Reed Hilderbrand LLC

Structural & Lighting

New York, NY, US 10005

+44 020 7284 8950

+1 (617) 923-2422

77 Water Street

MEPF & IT

ARUP

1 Cobham Mews

VHB 100 Great Oaks Blvd., Suite 118

Albany, NY, US 12203 +1 (518) 389-3606

AV & Acoustics LSTN Consultants 76 Beaver Street, 2nd Floor

New York, NY, US 10005 +1 (347) 788-0810

Facade Front Inc.

100 E. Broadway Street, #501 New York, NY, US 10002 +1 (212) 242-2220

Key Plan

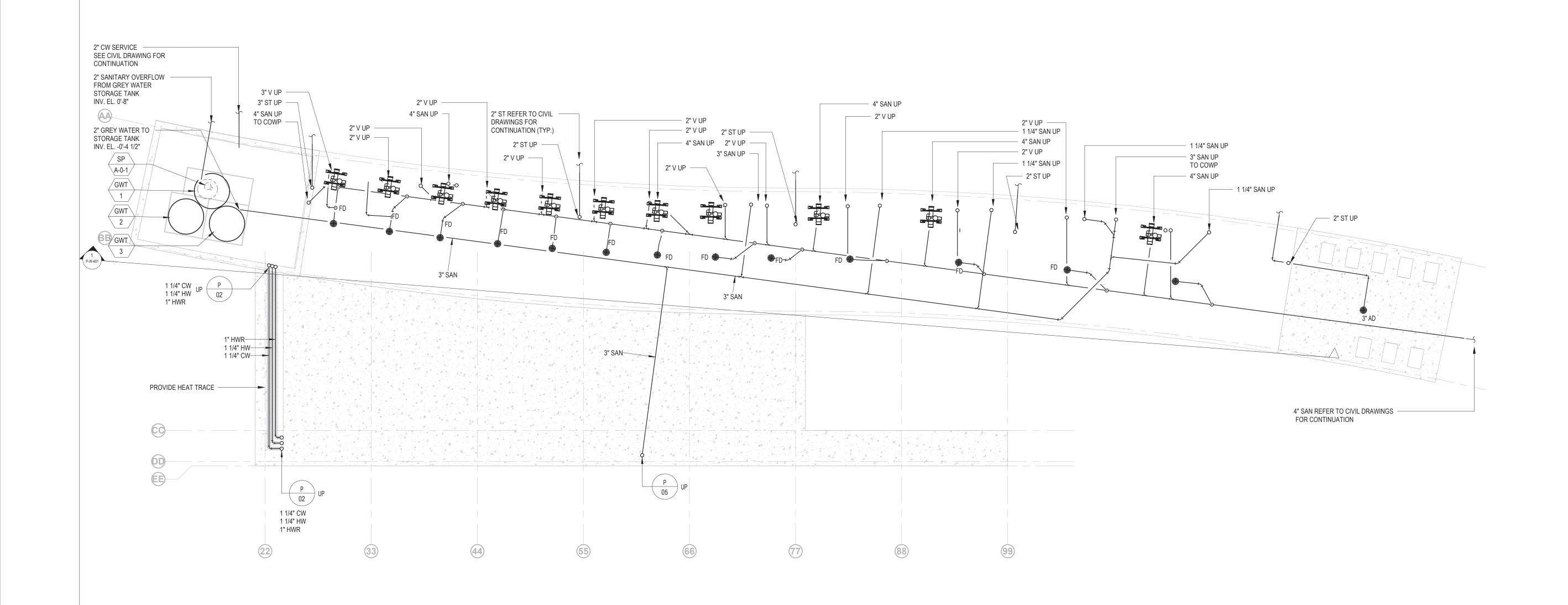
Description Date 06/17/22 Filing Set

Project

Storm King Art Center Welcome **Pavilions**

NOT FOR CONSTRUCTION **Drawing Title General Notes**

Date	06/17/22
Scale	Not to Scale
Drawing Number	P-W-002
Sheet Size	ARCH D



+1 (845) 534-3115

Design Architect
heneghan peng architects
14-16 Lord Edward Street
Dublin, D02 YC63, IE
+353 1 633 9000

Executive Architect
WXY Architecture + Urban Design
224 Centre Street, 5th Floor
New York, NY 10013
+1 (212) 219-1953

Landscape Architect
Gustafson Porter + Bowman
1 Cobham Mews
London, MW1 9SB, UK
+44 020 7284 8950

Reed Hilderbrand LLC 33 Whitney Avenue, 3rd Floor New Haven, CT, US 06510 +1 (617) 923-2422

Structural & Lighting
ARUP
77 Water Street
New York, NY, US 10005

+1 (212) 896-3000

MEPF & IT

BuroHappold

100 Proadway #23

100 Broadway #23 New York, NY, US 10005 +1 (212) 616-0228

Civil VHB

100 Great Oaks Blvd., Suite 118 Albany, NY, US 12203 +1 (518) 389-3606

AV & Acoustics LSTN Consultants 76 Beaver Street, 2nd Floor New York, NY, US 10005

New York, NY, US 10005 +1 (347) 788-0810 Facade

Front Inc. 100 E. Broadway Street, #501 New York, NY, US 10002 +1 (212) 242-2220

Key Plan



Description Filing Set

Date 06/17/22

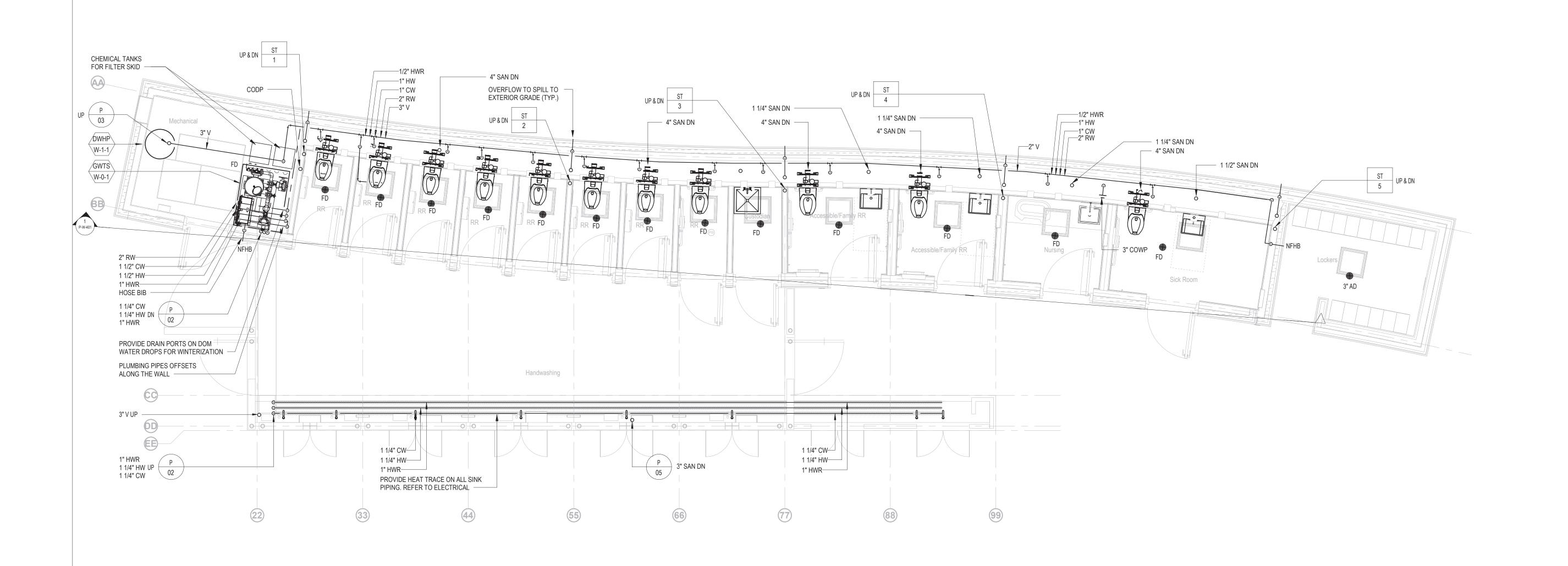
Project

Storm King Art Center Welcome Pavilions

Sea

NOT FOR CONSTRUCTION
Drawing Title
Restroom - Piping Underslab

Date	06/17/22
Scale	1/4" = 1'-0"
Drawing Number	P-W-100
Sheet Size	ARCH D



+1 (845) 534-3115

Design Architect
heneghan peng architects
14-16 Lord Edward Street
Dublin, D02 YC63, IE
+353 1 633 9000

Executive Architect
WXY Architecture + Urban Design
224 Centre Street, 5th Floor
New York, NY 10013
+1 (212) 219-1953

Landscape Architect
Gustafson Porter + Bowman
1 Cobham Mews
London, MW1 9SB, UK
+44 020 7284 8950

Reed Hilderbrand LLC 33 Whitney Avenue, 3rd Floor New Haven, CT, US 06510 +1 (617) 923-2422

Structural & Lighting
ARUP
77 Water Street
New York, NY, US 10005

+1 (212) 896-3000

MEPF & IT

BuroHappold
100 Broadway #23

New York, NY, US 10005

+1 (212) 616-0228 Civil VHB

100 Great Oaks Blvd., Suite 118 Albany, NY, US 12203

+1 (518) 389-3606

AV & Acoustics
LSTN Consultants
76 Beaver Street, 2nd Floor

76 Beaver Street, 2nd Floor New York, NY, US 10005 +1 (347) 788-0810 Facade

Front Inc. 100 E. Broadway Street, #501 New York, NY, US 10002 +1 (212) 242-2220

Key Plan



Description Filing Set

Date 06/17/22

Project

Storm King Art Center Welcome Pavilions

Se

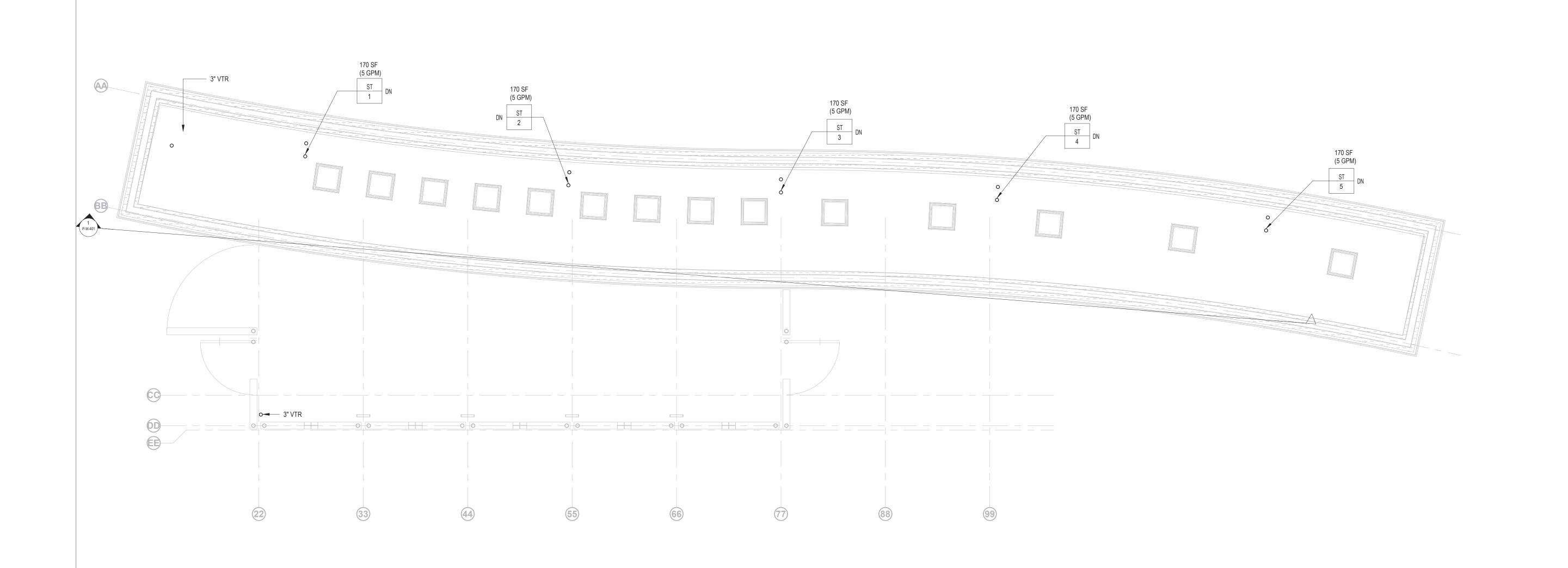
NOT FOR CONSTRUCTION

Drawing Title

Restroom - Piping

Plan - Ground Level

Date	06/17/22
Scale	1/4" = 1'-0"
Drawing Number	P-W-101
Sheet Size	ARCH D



+1 (845) 534-3115

Design Architect
heneghan peng architects
14-16 Lord Edward Street
Dublin, D02 YC63, IE
+353 1 633 9000

Executive Architect
WXY Architecture + Urban Design
224 Centre Street, 5th Floor
New York, NY 10013
+1 (212) 219-1953

Landscape Architect
Gustafson Porter + Bowman
1 Cobham Mews
London, MW1 9SB, UK
+44 020 7284 8950

Reed Hilderbrand LLC 33 Whitney Avenue, 3rd Floor New Haven, CT, US 06510 +1 (617) 923-2422

Structural & Lighting
ARUP
77 Water Street
New York, NY, US 10005

+1 (212) 896-3000

MEPF & IT

BuroHappold

100 Broadway #23 New York, NY, US 10005 +1 (212) 616-0228

Civil VHB

100 Great Oaks Blvd., Suite 118 Albany, NY, US 12203 +1 (518) 389-3606

AV & Acoustics LSTN Consultants 76 Beaver Street, 2nd Floor New York, NY, US 10005 +1 (347) 788-0810

Facade
Front Inc.
100 E. Broadway Street, #501
New York, NY, US 10002
+1 (212) 242-2220

Key Plan



Description Filing Set

Date 06/17/22

Project

Storm King
Art Center
Welcome
Pavilions

Sea

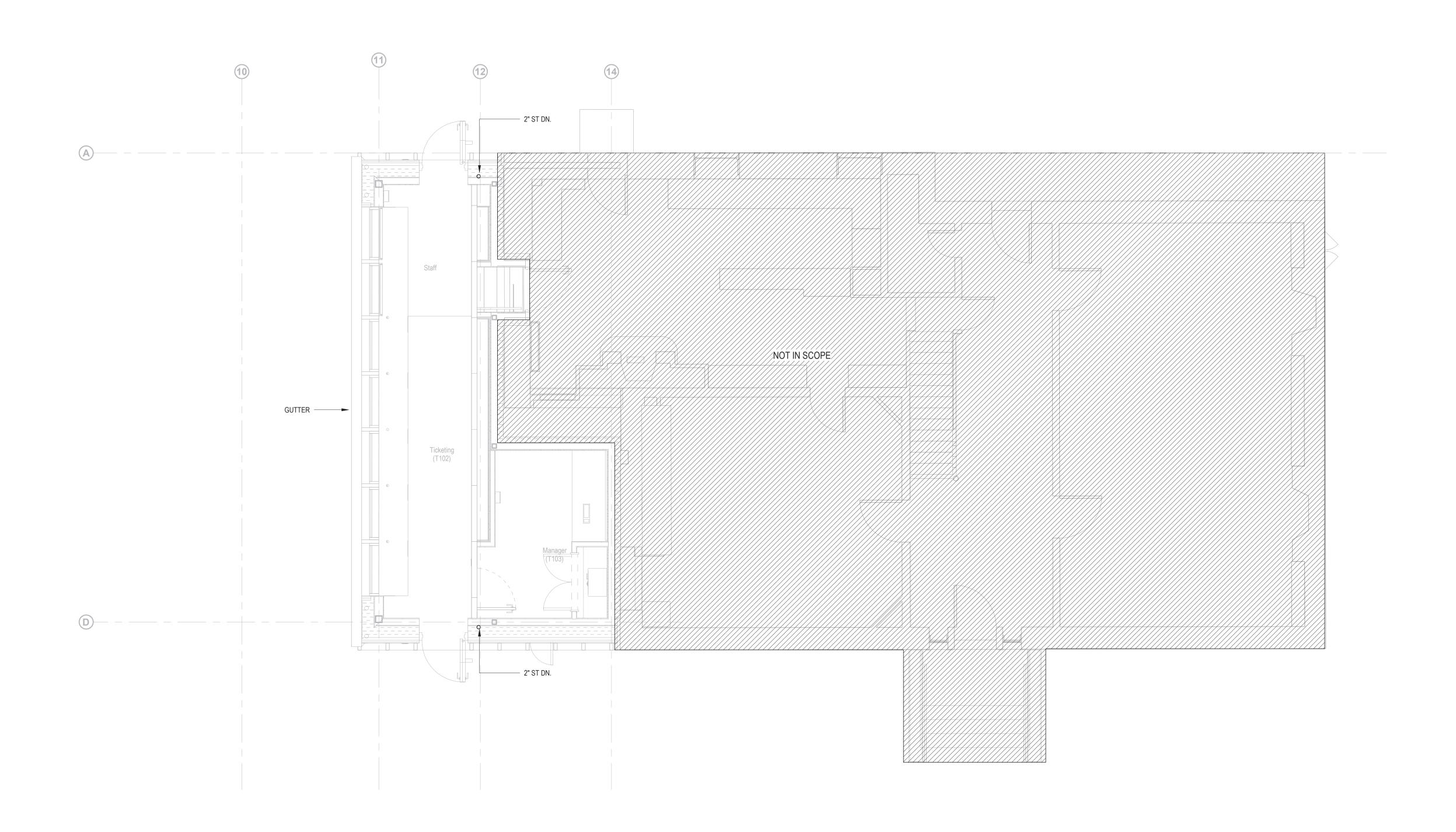
NOT FOR CONSTRUCTION

Drawing Title

Restroom - Piping

Plan - Roof Level

Date	06/17/22
Scale	1/4" = 1'-0"
Drawing Number	P-W-102
Sheet Size	ARCH D



+1 (845) 534-3115 **Design Architect**

Design Architect
heneghan peng architects
14-16 Lord Edward Street
Dublin, D02 YC63, IE
+353 1 633 9000

Executive Architect
WXY Architecture + Urban Design
224 Centre Street, 5th Floor
New York, NY 10013
+1 (212) 219-1953

Landscape Architect
Gustafson Porter + Bowman
1 Cobham Mews
London, MW1 9SB, UK
+44 020 7284 8950

Reed Hilderbrand LLC 33 Whitney Avenue, 3rd Floor New Haven, CT, US 06510 +1 (617) 923-2422

Structural & Lighting
ARUP
77 Water Street

New York, NY, US 10005 +1 (212) 896-3000 MEPF & IT

BuroHappold 100 Broadway #23 New York, NY, US 10005 +1 (212) 616-0228

Civil VHB

100 Great Oaks Blvd., Suite 118 Albany, NY, US 12203

+1 (518) 389-3606

AV & Acoustics
LSTN Consultants
76 Beaver Street, 2nd Floor

76 Beaver Street, 2nd Floo New York, NY, US 10005 +1 (347) 788-0810

Facade
Front Inc.
100 E. Broadway Street, #501
New York, NY, US 10002
+1 (212) 242-2220

Key Plan



Description Filing Set

Date 06/17/22

Project

Storm King
Art Center
Welcome
Pavilions

Sea

NOT FOR CONSTRUCTION

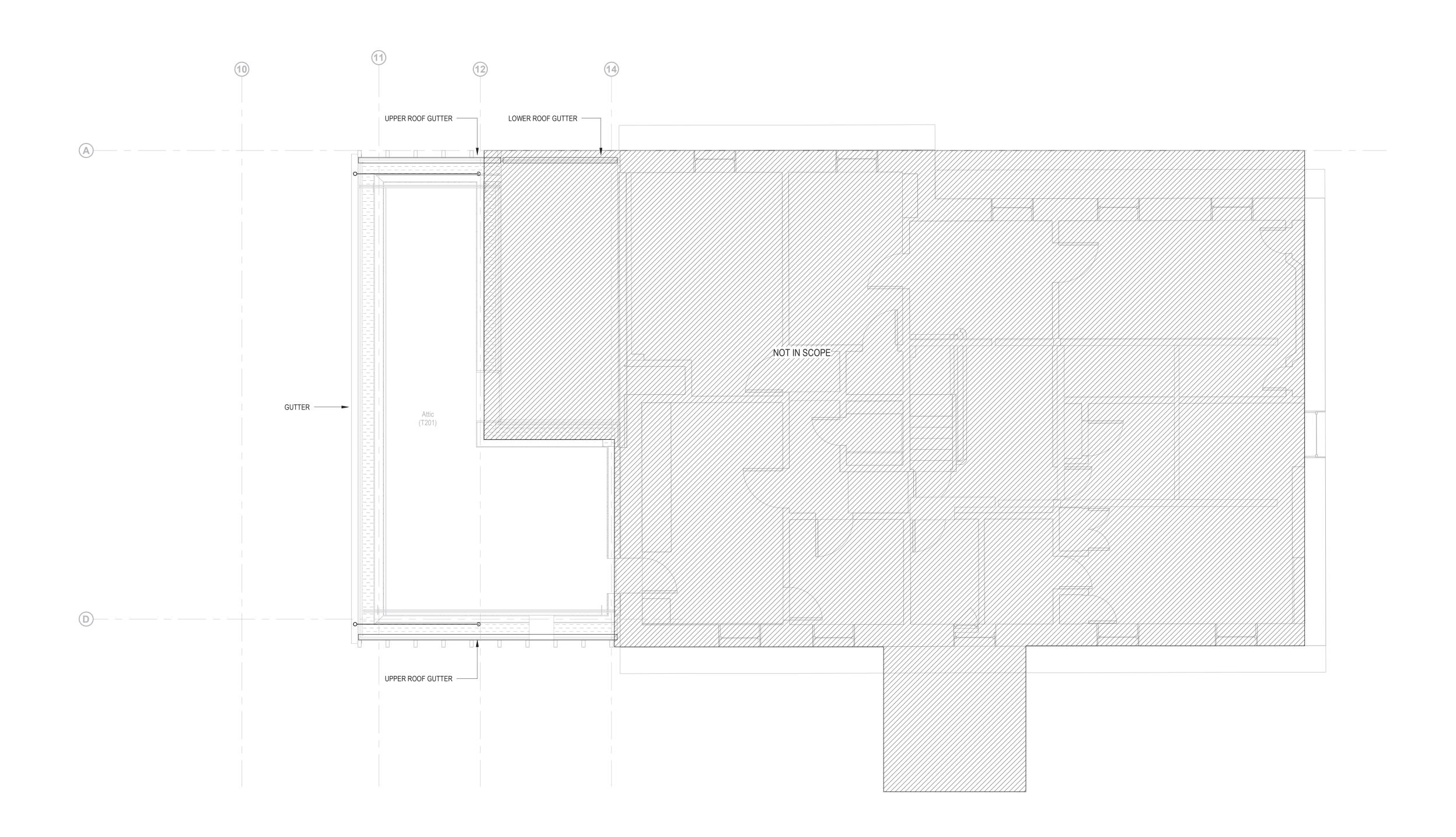
Drawing Title
Ticketing - Pipe Plan
- Ground Level

 Date
 06/17/22

 Scale
 1/4" = 1'-0"

 Drawing Number
 P-W-111

 Sheet Size
 ARCH D



+1 (845) 534-3115

Design Architect
heneghan peng archite
14-16 Lord Edward Str

heneghan peng architects 14-16 Lord Edward Street Dublin, D02 YC63, IE +353 1 633 9000 Executive Architect

224 Centre Street, 5th Floor

New York, NY 10013 +1 (212) 219-1953 Landscape Architect Gustafson Porter + Bowman 1 Cobham Mews London, MW1 9SB, UK

WXY Architecture + Urban Design

Reed Hilderbrand LLC 33 Whitney Avenue, 3rd Floor New Haven, CT, US 06510 +1 (617) 923-2422

Structural & Lighting
ARUP

77 Water Street
New York, NY, US 10005
+1 (212) 896-3000

+44 020 7284 8950

MEPF & IT
BuroHappold
100 Broadway #23

100 Broadway #23 New York, NY, US 10005 +1 (212) 616-0228

Civil VHB

100 Great Oaks Blvd., Suite 118 Albany, NY, US 12203 +1 (518) 389-3606

AV & Acoustics
LSTN Consultants
76 Beaver Street, 2nd Floor
New York, NY, US 10005

+1 (347) 788-0810

Facade
Front Inc.

100 E. Broadway Street, #501 New York, NY, US 10002 +1 (212) 242-2220

Key Plan



Description Filing Set

ion Date et 06/17/22

Project

Storm King Art Center Welcome Pavilions

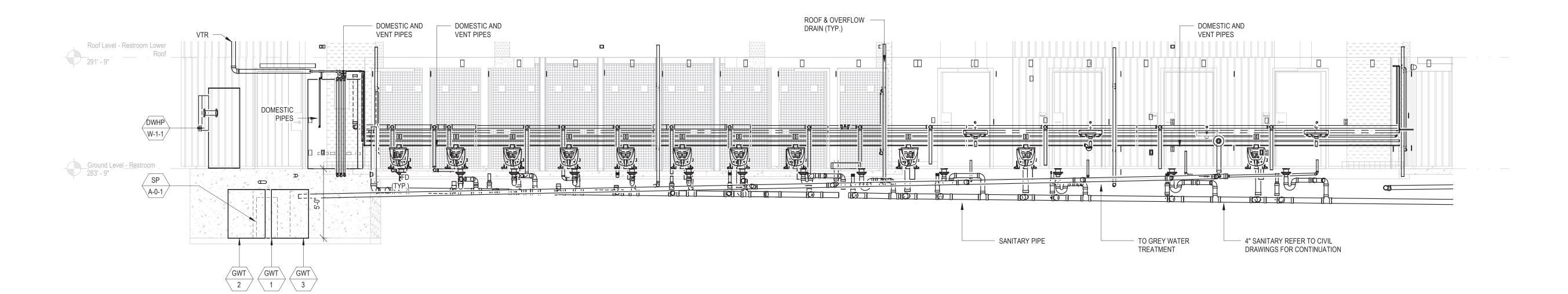
S

NOT FOR CONSTRUCTION

Drawing Title

Ticketing - Pipe Plan
- Roof Level

Date	06/17/22
Scale	1/4" = 1'-0"
Drawing Number	P-W-112
Sheet Size	ARCH D



RESTROOM SECTION - PLUMBING 1 RESTROO SCALE 1/4" = 1'-0"

Owner Storm King Art Center 1 Museum Road

New Windsor, NY 12553 +1 (845) 534-3115

Design Architect heneghan peng architects 14-16 Lord Edward Street Dublin, D02 YC63, IE +353 1 633 9000

Executive Architect WXY Architecture + Urban Design 224 Centre Street, 5th Floor New York, NY 10013 +1 (212) 219-1953

Landscape Architect Gustafson Porter + Bowman 1 Cobham Mews London, MW1 9SB, UK +44 020 7284 8950

Reed Hilderbrand LLC 33 Whitney Avenue, 3rd Floor New Haven, CT, US 06510 +1 (617) 923-2422

Structural & Lighting ARUP 77 Water Street

New York, NY, US 10005 +1 (212) 896-3000

MEPF & IT BuroHappold 100 Broadway #23 New York, NÝ, US 10005 +1 (212) 616-0228

Civil VHB 100 Great Oaks Blvd., Suite 118

Albany, NY, US 12203 +1 (518) 389-3606

AV & Acoustics LSTN Consultants 76 Beaver Street, 2nd Floor New York, NY, US 10005 +1 (347) 788-0810

Facade Front Inc. 100 E. Broadway Street, #501 New York, NY, US 10002 +1 (212) 242-2220

Key Plan

Description Filing Set

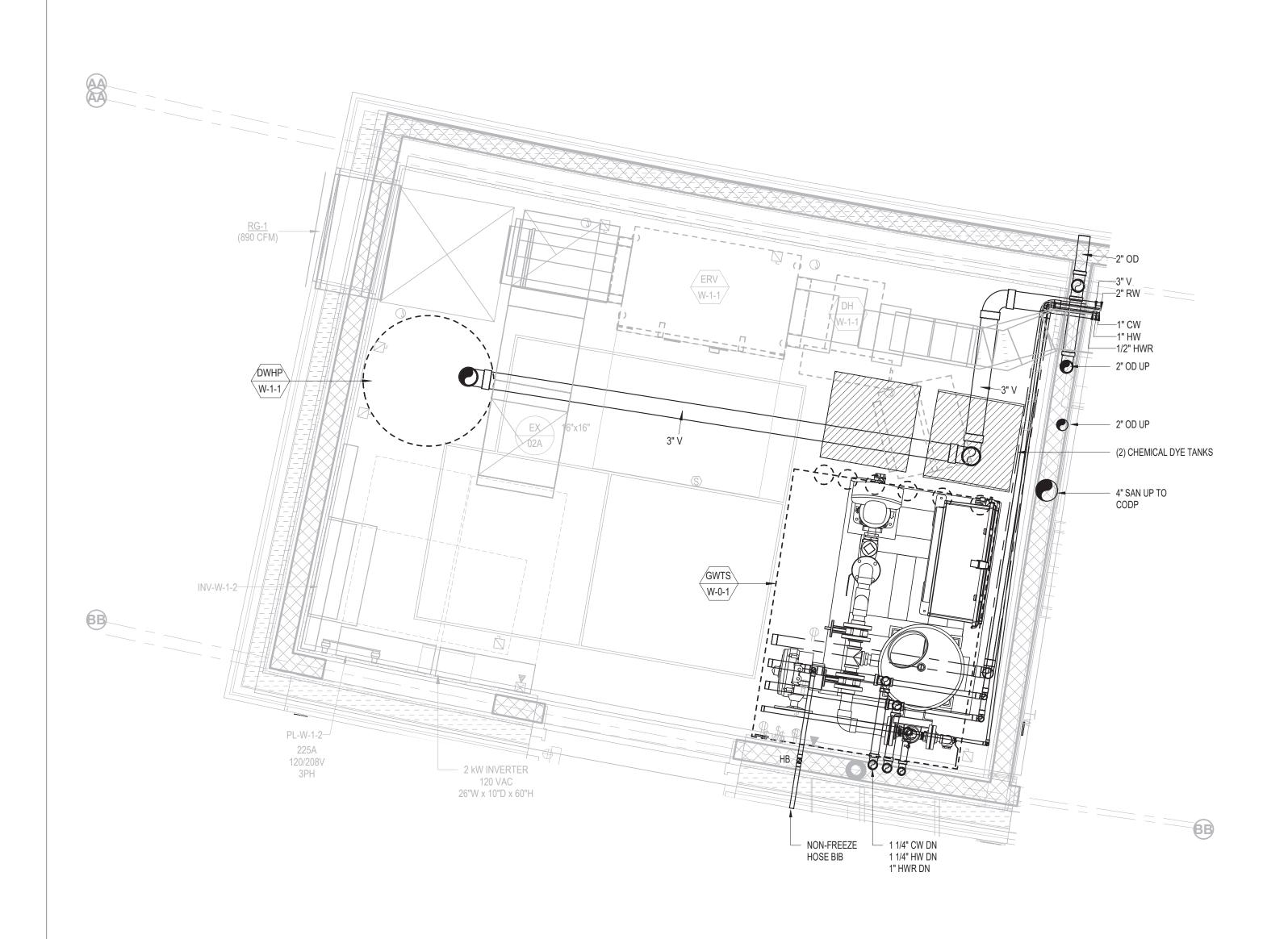
Date 06/17/22

Project

Storm King Art Center Welcome **Pavilions**

NOT FOR CONSTRUCTION **Drawing Title** Plumbing Sections

Date	06/17/22
Scale	1/4" = 1'-0"
Drawing Number	P-W-401
Sheet Size	ARCH D



1 RESTROOM LEVEL 1 - PLUMBING - MEP ROOM

SCALE 3/4" = 1'-0"

Owner
Storm King Art Center
1 Museum Road
New Windsor, NY 12553
+1 (845) 534-3115

Design Architect
heneghan peng architects
14-16 Lord Edward Street

14-16 Lord Edward Street
Dublin, D02 YC63, IE
+353 1 633 9000

Executive Architect
WXY Architecture + Urban Design

224 Centre Street, 5th Floor

New York, NY 10013

+1 (212) 219-1953

Landscape Architect
Gustafson Porter + Bowman
1 Cobham Mews
London, MW1 9SB, UK
+44 020 7284 8950

Reed Hilderbrand LLC 33 Whitney Avenue, 3rd Floor New Haven, CT, US 06510 +1 (617) 923-2422

Structural & Lighting
ARUP
77 Water Street

77 Water Street
New York, NY, US 10005
+1 (212) 896-3000

MEPF & IT
BuroHappold
100 Broadway #23
New York, NY, US 10005

+1 (212) 616-0228 Civil

VHB 100 Great Oaks Blvd., Suite 118

Albany, NY, US 12203 +1 (518) 389-3606

AV & Acoustics LSTN Consultants 76 Beaver Street, 2nd Floor New York, NY, US 10005 +1 (347) 788-0810

Facade Front Inc. 100 E. Broadway Street, #501 New York, NY, US 10002

New York, NY, US 10002 +1 (212) 242-2220

Key Plan

Description
Filing Set

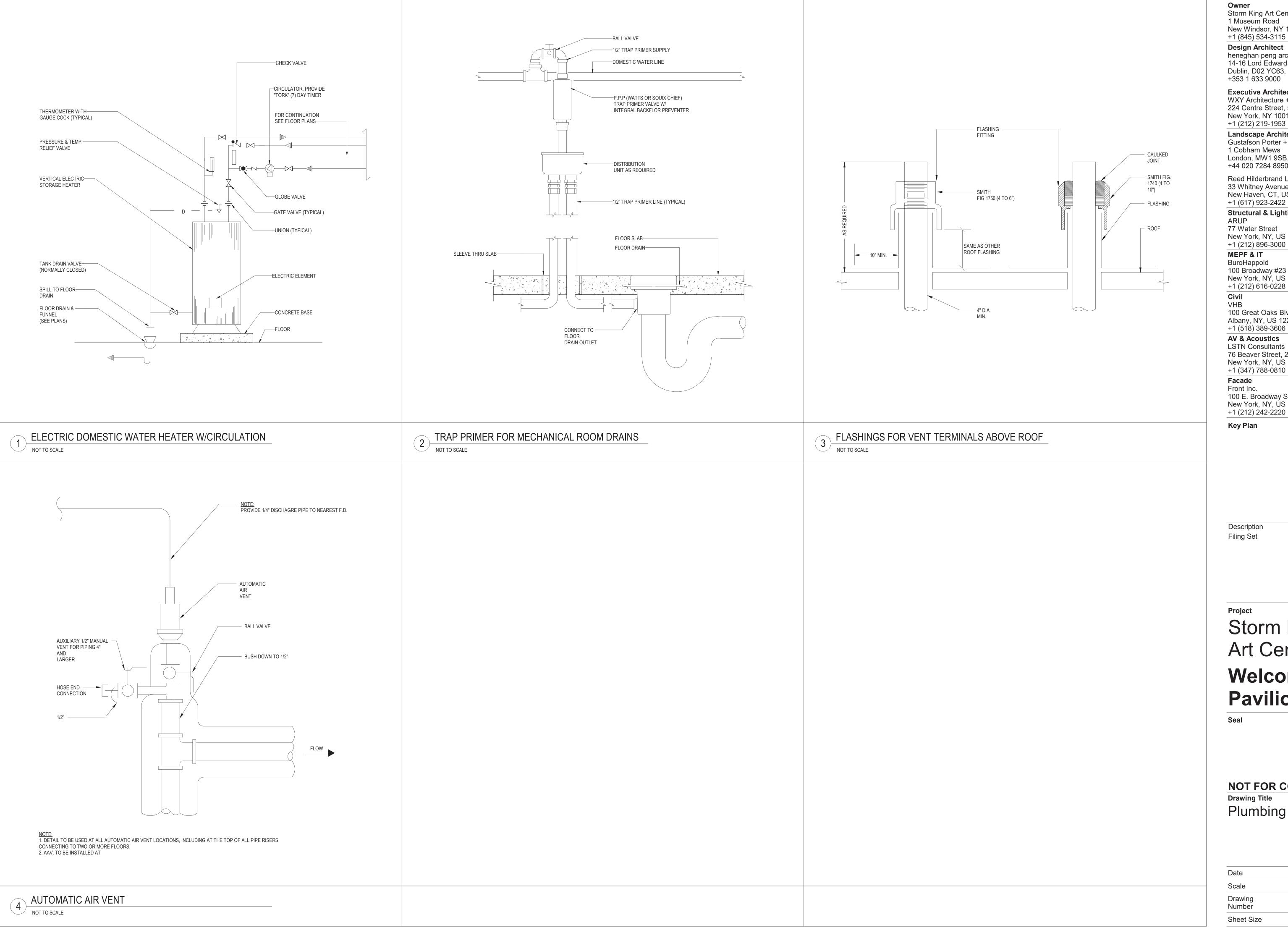
Date 06/17/22

Storm King
Art Center
Welcome
Pavilions

Sea

NOT FOR CONSTRUCTION
Drawing Title
Plumbing Enlarged
Plans

Date	06/17/22
Scale	3/4" = 1'-0"
Drawing Number	P-W-410
Sheet Size	ARCH D



> **Design Architect** heneghan peng architects 14-16 Lord Edward Street Dublin, D02 YC63, IE +353 1 633 9000

Executive Architect WXY Architecture + Urban Design 224 Centre Street, 5th Floor New York, NY 10013 +1 (212) 219-1953

Landscape Architect Gustafson Porter + Bowman 1 Cobham Mews London, MW1 9SB, UK +44 020 7284 8950

Reed Hilderbrand LLC 33 Whitney Avenue, 3rd Floor New Haven, CT, US 06510 +1 (617) 923-2422

Structural & Lighting ARUP 77 Water Street New York, NY, US 10005

+1 (212) 896-3000 MEPF & IT BuroHappold

100 Broadway #23 New York, NY, US 10005 +1 (212) 616-0228

100 Great Oaks Blvd., Suite 118

Albany, NY, US 12203 +1 (518) 389-3606

AV & Acoustics LSTN Consultants 76 Beaver Street, 2nd Floor New York, NY, US 10005 +1 (347) 788-0810

Front Inc. 100 E. Broadway Street, #501 New York, NY, US 10002 +1 (212) 242-2220

Key Plan

Filing Set

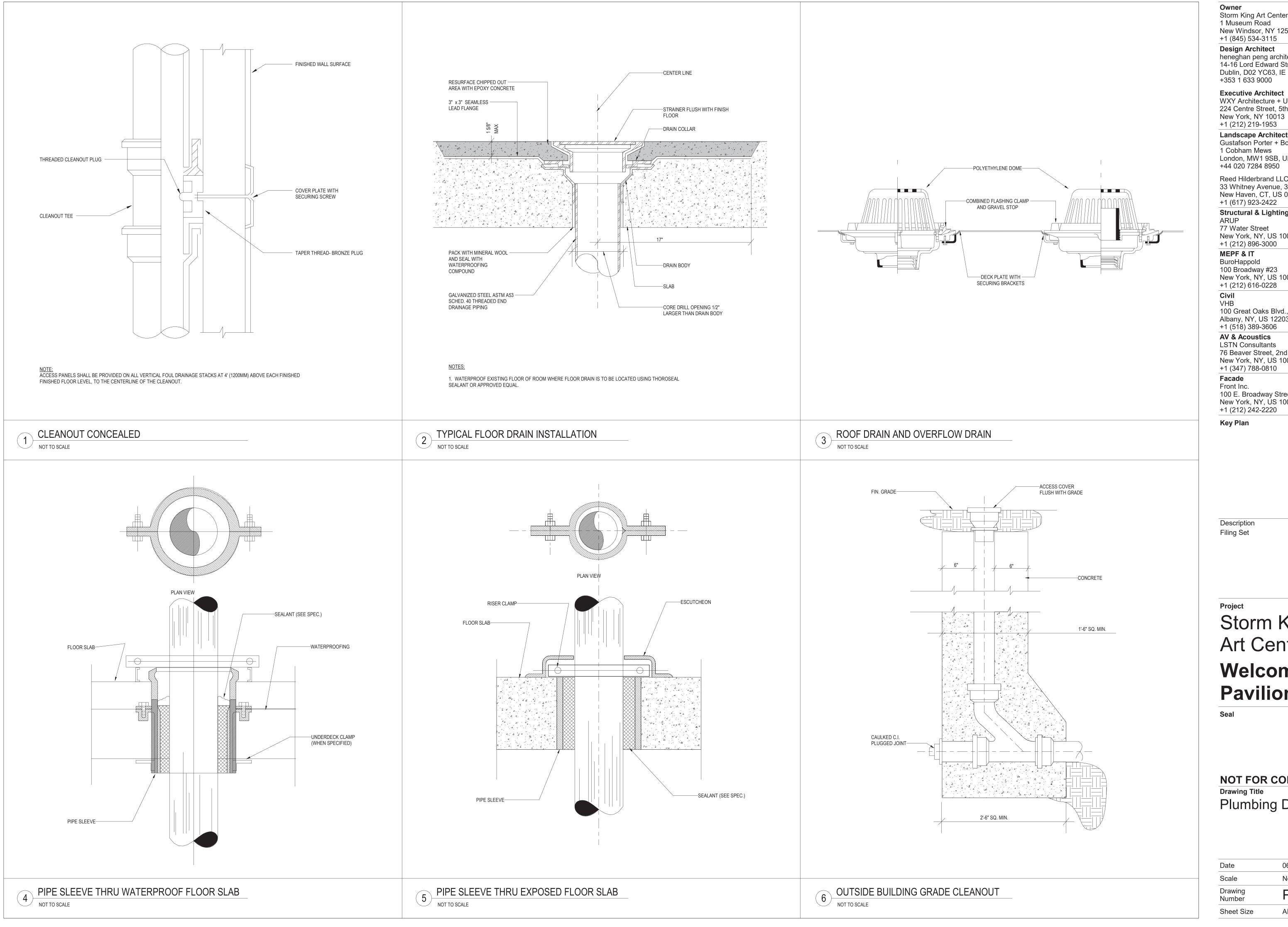
Date 06/17/22

Project

Storm King Art Center Welcome **Pavilions**

NOT FOR CONSTRUCTION **Drawing Title** Plumbing Details

06/17/22 Not to Scale P-W-501 Number ARCH D Sheet Size



> **Design Architect** heneghan peng architects 14-16 Lord Edward Street Dublin, D02 YC63, IE

+353 1 633 9000 **Executive Architect** WXY Architecture + Urban Design 224 Centre Street, 5th Floor

+1 (212) 219-1953 Landscape Architect Gustafson Porter + Bowman 1 Cobham Mews London, MW1 9SB, UK +44 020 7284 8950

Reed Hilderbrand LLC 33 Whitney Avenue, 3rd Floor New Haven, CT, US 06510

Structural & Lighting ARUP

77 Water Street New York, NY, US 10005 +1 (212) 896-3000

MEPF & IT BuroHappold

100 Broadway #23 New York, NY, US 10005 +1 (212) 616-0228

Civil VHB

100 Great Oaks Blvd., Suite 118 Albany, NY, US 12203

+1 (518) 389-3606 **AV & Acoustics** LSTN Consultants

76 Beaver Street, 2nd Floor New York, NY, US 10005 +1 (347) 788-0810

Facade Front Inc. 100 E. Broadway Street, #501 New York, NY, US 10002

Key Plan

Description

Filing Set

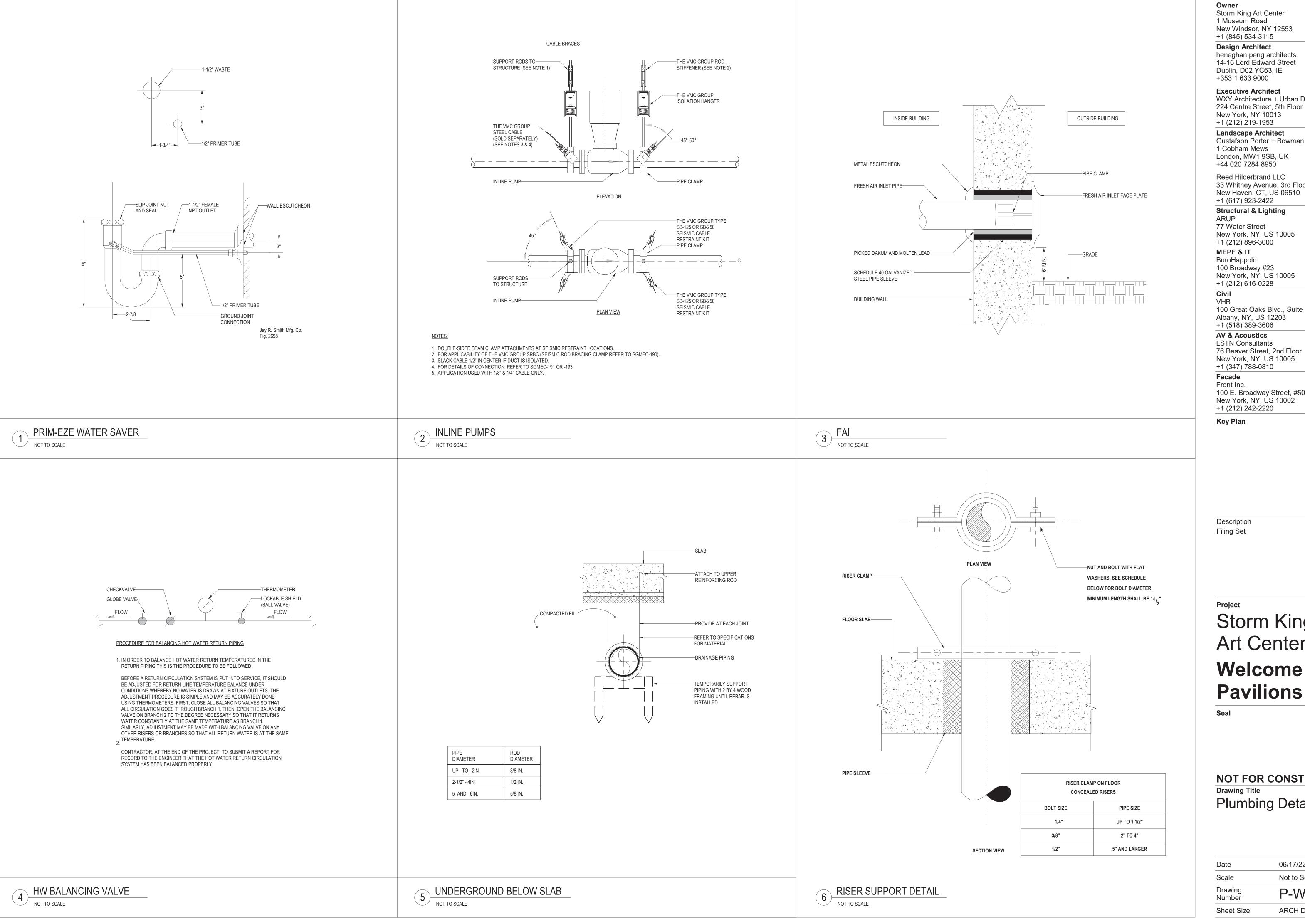
Date 06/17/22

Project

Storm King **Art Center** Welcome **Pavilions**

NOT FOR CONSTRUCTION **Drawing Title** Plumbing Details

06/17/22 Date Not to Scale Drawing P-W-502 Number ARCH D Sheet Size



Owner Storm King Art Center 1 Museum Road New Windsor, NY 12553 +1 (845) 534-3115

> **Design Architect** heneghan peng architects 14-16 Lord Edward Street Dublin, D02 YC63, IE +353 1 633 9000

Executive Architect WXY Architecture + Urban Design 224 Centre Street, 5th Floor New York, NY 10013 +1 (212) 219-1953 Landscape Architect

London, MW1 9SB, UK +44 020 7284 8950 Reed Hilderbrand LLC

33 Whitney Avenue, 3rd Floor New Haven, CT, US 06510 +1 (617) 923-2422

Structural & Lighting ARUP 77 Water Street New York, NY, US 10005

+1 (212) 896-3000 MEPF & IT BuroHappold

100 Broadway #23 New York, NY, US 10005 +1 (212) 616-0228

> Civil VHB

100 Great Oaks Blvd., Suite 118 Albany, NY, US 12203

+1 (518) 389-3606 **AV & Acoustics**

LSTN Consultants 76 Beaver Street, 2nd Floor New York, NY, US 10005 +1 (347) 788-0810

Facade Front Inc.

100 E. Broadway Street, #501 New York, NY, US 10002 +1 (212) 242-2220

Key Plan

Description

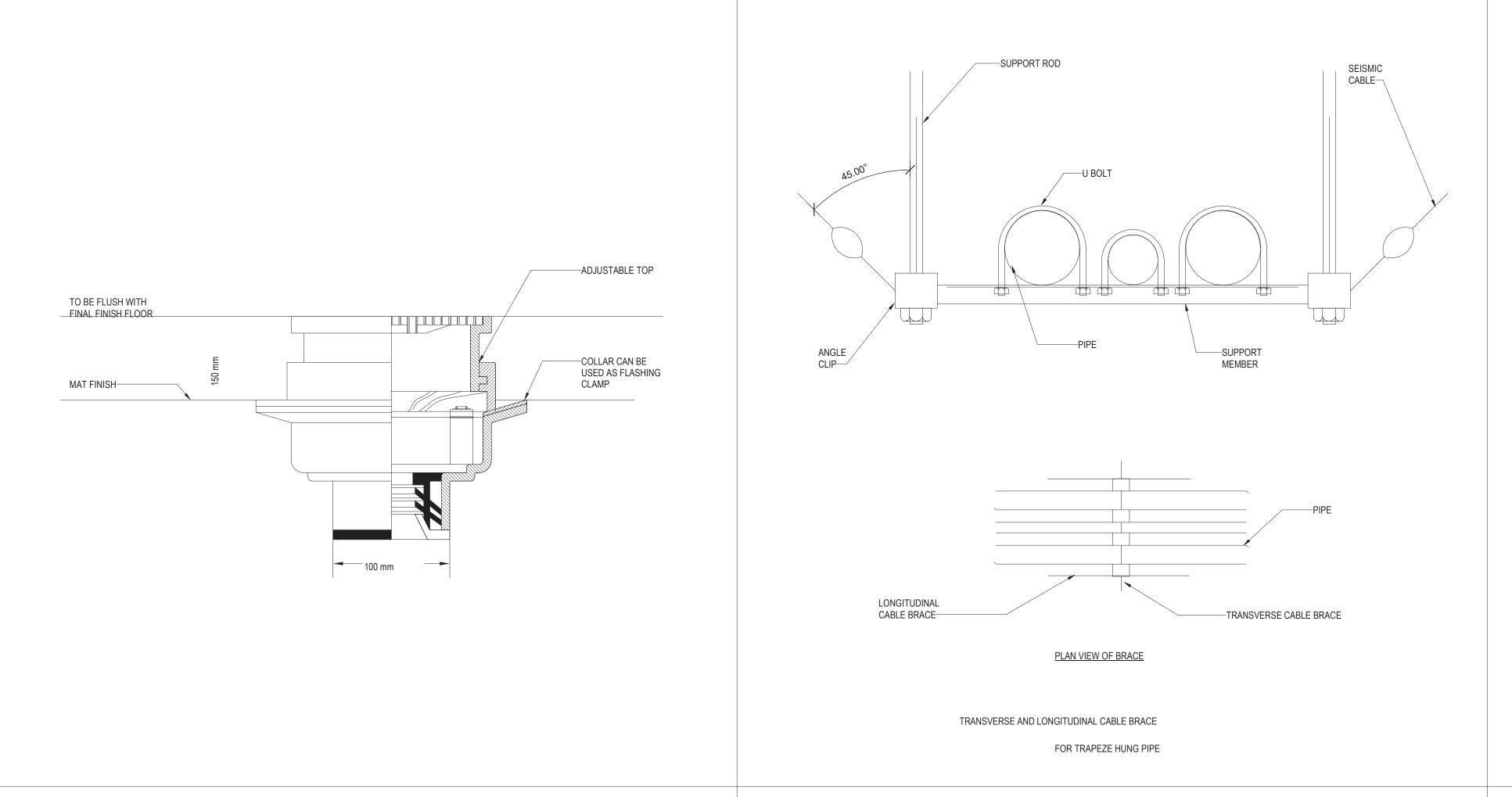
Date 06/17/22

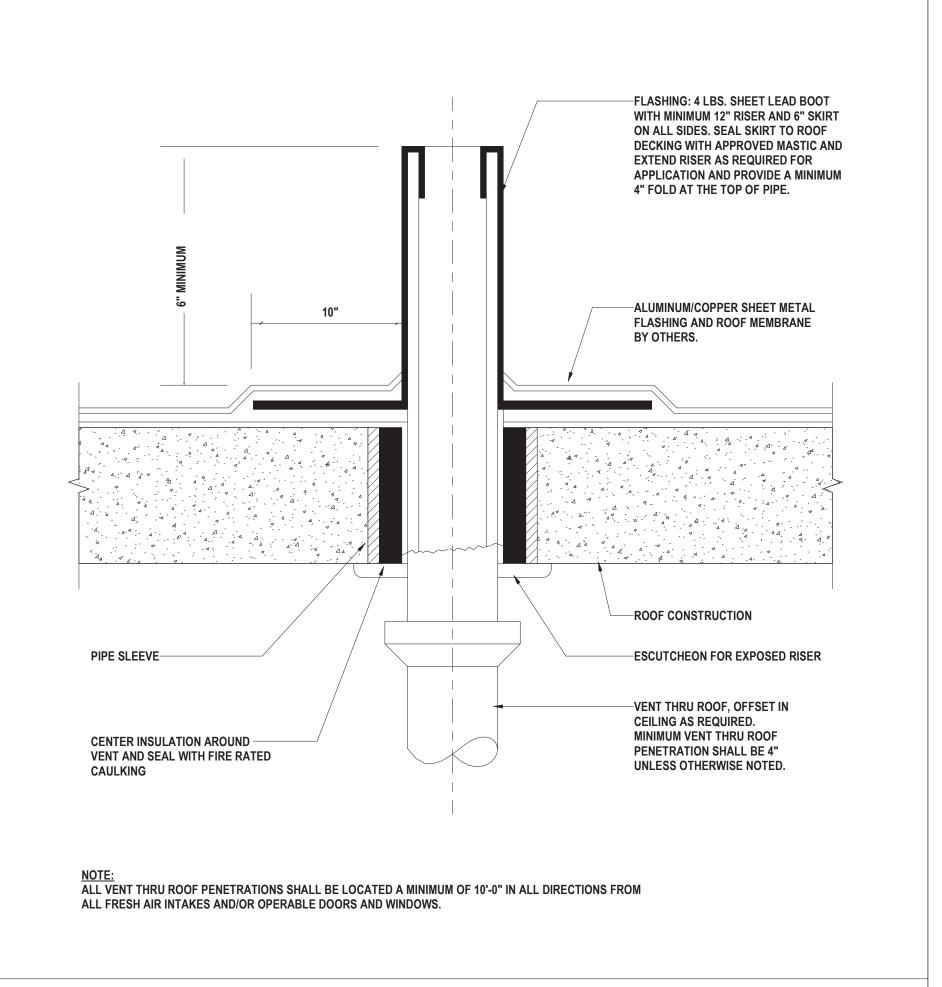
Project

Storm King Art Center Welcome **Pavilions**

NOT FOR CONSTRUCTION **Drawing Title** Plumbing Details

06/17/22 Date Not to Scale Scale Drawing P-W-503 Number ARCH D Sheet Size





1 FLOOR DRAIN WITH ADJUSTABLE TOP

TRANSVS AND LONGIT CBL BRACE FOR TRPZE HUNG PIPE

NOT TO SCALE

3 VENT THRU ROOF DETAIL

NOT TO SCALE

Owner
Storm King Art Center
1 Museum Road
New Windsor, NY 12553

+1 (845) 534-3115

Design Architect
heneghan peng architects
14-16 Lord Edward Street
Dublin, D02 YC63, IE
+353 1 633 9000

Executive Architect
WXY Architecture + Urban Design
224 Centre Street, 5th Floor
New York, NY 10013
+1 (212) 219-1953

Landscape Architect
Gustafson Porter + Bowman
1 Cobham Mews
London, MW1 9SB, UK
+44 020 7284 8950

Reed Hilderbrand LLC 33 Whitney Avenue, 3rd Floor New Haven, CT, US 06510 +1 (617) 923-2422

Structural & Lighting
ARUP
77 Water Street
New York, NY, US 10005

+1 (212) 896-3000

MEPF & IT

BuroHappold
100 Broadway #23

New York, NY, US 10005 +1 (212) 616-0228 Civil

VHB

100 Great Oaks Blvd., Suite 118 Albany, NY, US 12203 +1 (518) 389-3606

AV & Acoustics LSTN Consultants 76 Beaver Street, 2nd Floor New York, NY, US 10005 +1 (347) 788-0810

Facade
Front Inc.
100 E. Broadway Street, #501
New York, NY, US 10002
+1 (212) 242-2220

Key Plan

Description
Filing Set

Date 06/17/22

Storm King
Art Center
Welcome
Pavilions

Sea

NOT FOR CONSTRUCTION
Drawing Title
Plumbing Details

Date 06/17/22

Scale Not to Scale

Drawing Number P-W-504

Sheet Size ARCH D

P - ELECTRIC HEAT PUMP WATER HEATER SCHEDULE												
	VOLUME DIMENSIONS ELECTRICAL											
DESIGNATION	LOCATION	SERVICE	(GAL)	DIAMETER	HEIGHT	VOLTAGE	FREQUENCY	PHASE	WEIGHT (LB)	MANUFACTURER	MODEL NUMBER	REMARKS
DWHP - W-1-1	LEVEL 01	RESTROOM	80	2' 3"	5' 9"	208 V	60 Hz	1	307	AO SMITH	HPTU-80N	

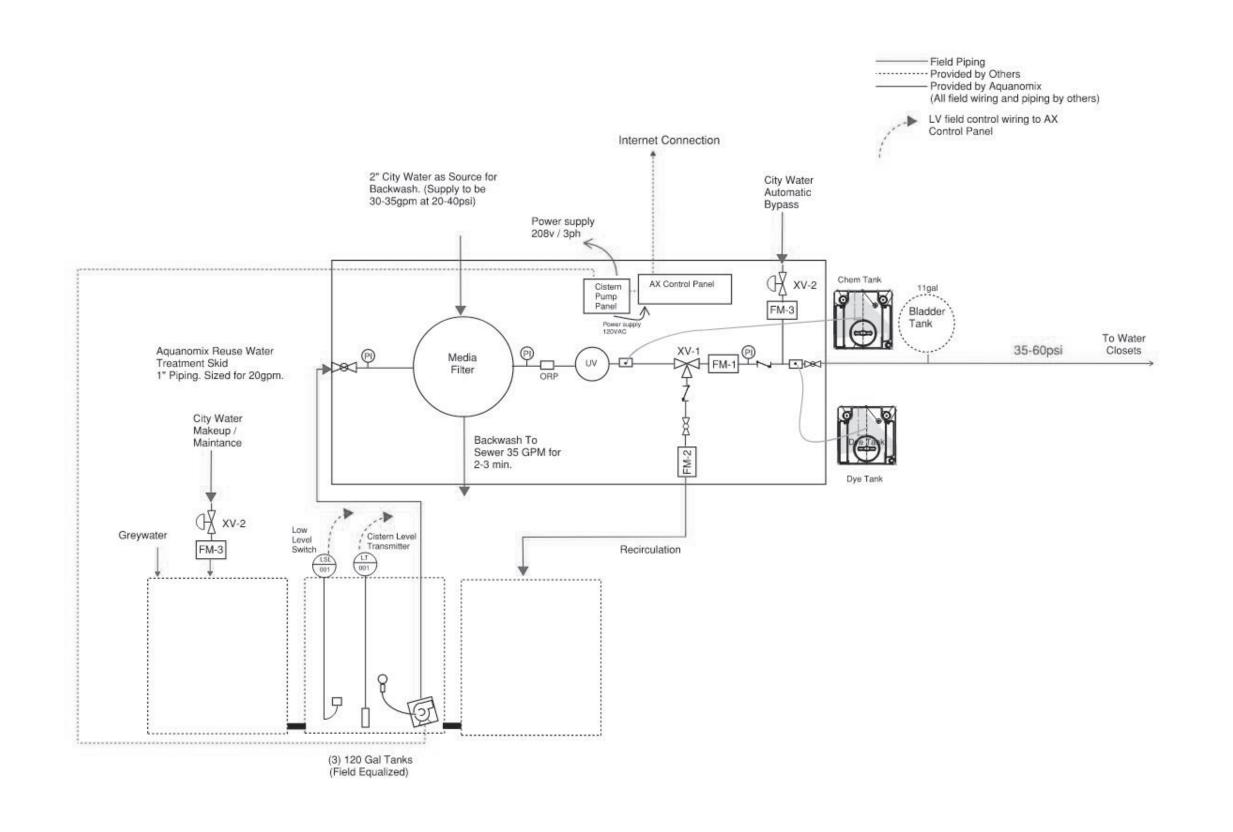
P - GREYWATER CISTERN TANK SCHEDULE										
DESIGNATION	LOCATION	SERVICE	DIAMETER	HEIGHT	REMARKS					
GWT - 1	UNDERSLAB - MECHANICAL ROOM	GREYWATER REUSE	32"	42"	120 GAL TANKS WITH FIELD INSTALLED EQUALIZATION LINES. PROVIDE WITH SUBMERSIBLE PUMP.					
GWT - 2	UNDERSLAB - MECHANICAL ROOM	GREYWATER REUSE	32"	42"	120 GAL TANKS WITH FIELD INSTALLED EQUALIZATION LINES.					
GWT - 3	UNDERSLAB - MECHANICAL ROOM	GREYWATER REUSE	32"	42"	120 GAL TANKS WITH FIELD INSTALLED EQUALIZATION LINES.					

P - GREY	WATER TI	REATMEN	T PACKA	GE SCHED	ULE		
DESIGNATION	LOCATION	SERVICE	MICRON	LENGTH	WIDTH	HEIGHT	REMARKS
GWTS - W-0-1	MECHANICAL ROOM	GREYWATER REUSE	40	4'-8"	3'-7"	6'-5"	SINGLE POINT OF CONNECTION FOR ALL FILTERS, VALVES, SENSORS, AND CISTERN PUMP (208V, 3ph)

P - GREY WATER SKID COMPONENTS														
DESIGNATION	LOCATION	QUANTITY	FLOW (GPM)	T.D.H.	CAPACITY	PHASE	HP	VOLTAGE	FLA	LENGTH	WIDTH	DIAMETER	HEIGHT	REMARKS
CHEMICAL/DYE CONTAINERS	MECHANICAL ROOM	2	0	0	70 GAL	0	0	0	-	2'-0	2'-0	-	3'-3"	GEMINI SQUARE TANKS MOUNTED IN CEILING. EACH CONNECTS WITH POLY TUBING TO INJECTION PORTS ON SKID.
RECIRCULATION VALVE	GREY WATER TREATMENT SKID	1	20	0	-	0	0	0	-	-	-	-	-	AQUANOMIX AX3WV THREE-WAY VALVE.
EXTENDED SHELL MEDIA FILTER	GREY WATER TREATMENT SKID	1	20 (35GPM BACKWASH)	0	-	0	0	0	-	-	-	-	-	STAINLESS STEEL. GLASS MEDIA FILTERS TO 5 MICRON.
UV SYSTEM	GREY WATER TREATMENT SKID	1	20	0	-	0	0	120	-	-	-	-	-	AQUANOMIX AXUVV6 - 100PSI, 230W. 30MJ/cm2 TREATMENT.
ORP SENSOR	GREY WATER TREATMENT SKID	1	0	0	-	0	0	0	-	-	-	-	-	AQUANOMIX AXP ORP. ± 2000mV RANGE.
DIAPHRAGM TANK	GREY WATER TREATMENT SKID	1	0	0	11 GAL	0	0	0	-	-	-	1'-3"	2'-0"	15"DIA. x 24" 8-9 GAL DRAWDOWN.

LEVEL SENSOR LEVEL SWITCH, PRESSURE INDICATORS, SYSTEM PRESSURE SENSOR, FLOW METER, CHECK VALVE, DOMESTIC WATER BACKUP CONNECTION, DOMESTIC WATER METER. REFER TO GREYWATER SPECIFICATION SECTION FOR MORE INFORMATION.

P - CISTE	P - CISTERN SUBMERSIBLE PUMP SCHEDULE											
				FLOW RATE (GPM)	T.D.H.	SPEED		ELECTRICAL	_			
DESIGNATION	TYPE	QUANTITY	LOCATION	PER PUMP	(FT)	(RPM)	POWER	VOLTAGE	PHASE	MANUFACTURER	MODEL NUMBER	REMARKS
SP	SUBMERSIBLE	1	UNDERSLAB -	20 GPM	150	-	1.50 hp	220 V	1	AQUANOMIX	MXS205S22	8A, 40lbs, 21" HEIGHT, 5"DIA.
	GREYWATER TANK PUMP		MECHANICAL ROOM									



GREYWATER TREATMENT SCHEMATIC NOT TO SCALE

Owner Storm King Art Center 1 Museum Road New Windsor, NY 12553

+1 (845) 534-3115

+353 1 633 9000

Design Architect heneghan peng architects 14-16 Lord Edward Street Dublin, D02 YC63, IE

Executive Architect WXY Architecture + Urban Design 224 Centre Street, 5th Floor New York, NY 10013 +1 (212) 219-1953

Landscape Architect Gustafson Porter + Bowman 1 Cobham Mews London, MW1 9SB, UK +44 020 7284 8950

Reed Hilderbrand LLC 33 Whitney Avenue, 3rd Floor New Haven, CT, US 06510 +1 (617) 923-2422

Structural & Lighting ARUP 77 Water Street

New York, NY, US 10005 +1 (212) 896-3000 MEPF & IT BuroHappold

100 Broadway #23 New York, NÝ, US 10005 +1 (212) 616-0228 Civil

VHB 100 Great Oaks Blvd., Suite 118

Albany, NY, US 12203 +1 (518) 389-3606 **AV & Acoustics**

LSTN Consultants 76 Beaver Street, 2nd Floor New York, NY, US 10005 +1 (347) 788-0810

Facade Front Inc. 100 E. Broadway Street, #501 New York, NY, US 10002 +1 (212) 242-2220

Key Plan

Description Filing Set

Date

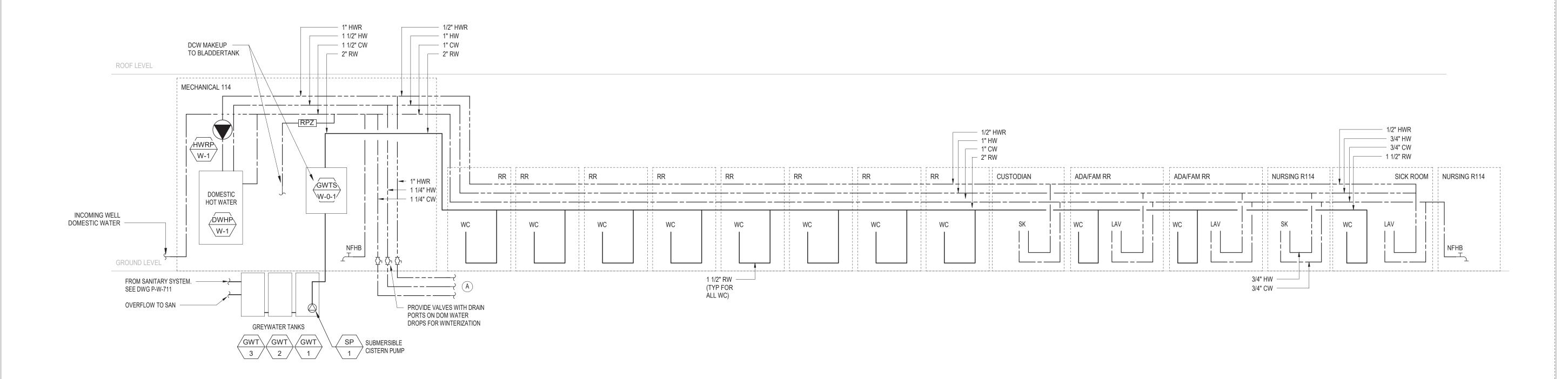
06/17/22

Project

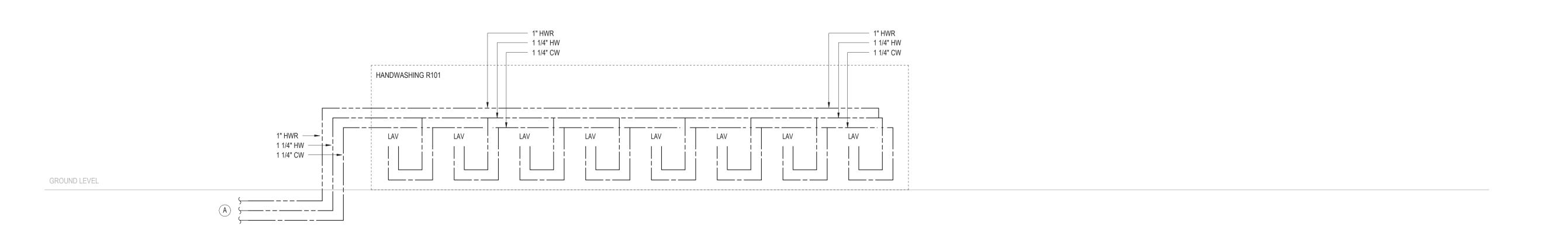
Storm King Art Center Welcome **Pavilions**

NOT FOR CONSTRUCTION **Drawing Title** Welcome - Plumbing Schedules

Date	06/17/22
Scale	Not to Scale
Drawing Number	P-W-601
Sheet Size	ARCH D



ROOF LEVEL



Owner Storm King Art Center 1 Museum Road New Windsor, NY 12553

+1 (845) 534-3115

Design Architect heneghan peng architects 14-16 Lord Edward Street Dublin, D02 YC63, IE +353 1 633 9000

Executive Architect WXY Architecture + Urban Design 224 Centre Street, 5th Floor New York, NY 10013 +1 (212) 219-1953

Landscape Architect Gustafson Porter + Bowman 1 Cobham Mews London, MW1 9SB, UK +44 020 7284 8950

Reed Hilderbrand LLC 33 Whitney Avenue, 3rd Floor New Haven, CT, US 06510 +1 (617) 923-2422

Structural & Lighting ARUP 77 Water Street

New York, NY, US 10005 +1 (212) 896-3000 MEPF & IT

BuroHappold 100 Broadway #23 New York, NY, US 10005 +1 (212) 616-0228

Civil VHB

100 Great Oaks Blvd., Suite 118 Albany, NY, US 12203 +1 (518) 389-3606

AV & Acoustics LSTN Consultants 76 Beaver Street, 2nd Floor

New York, NY, US 10005 +1 (347) 788-0810

Facade Front Inc.

100 E. Broadway Street, #501 New York, NY, US 10002 +1 (212) 242-2220

Key Plan

Description Filing Set

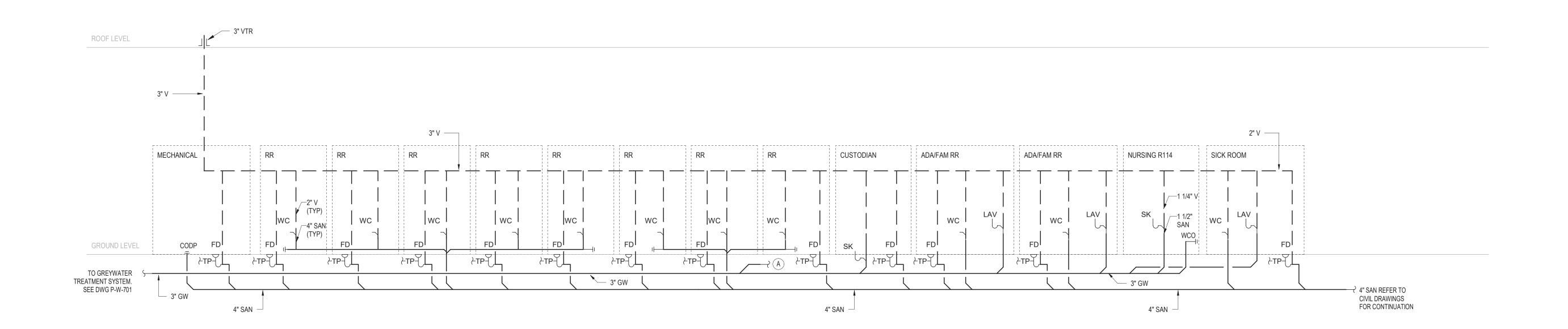
Date

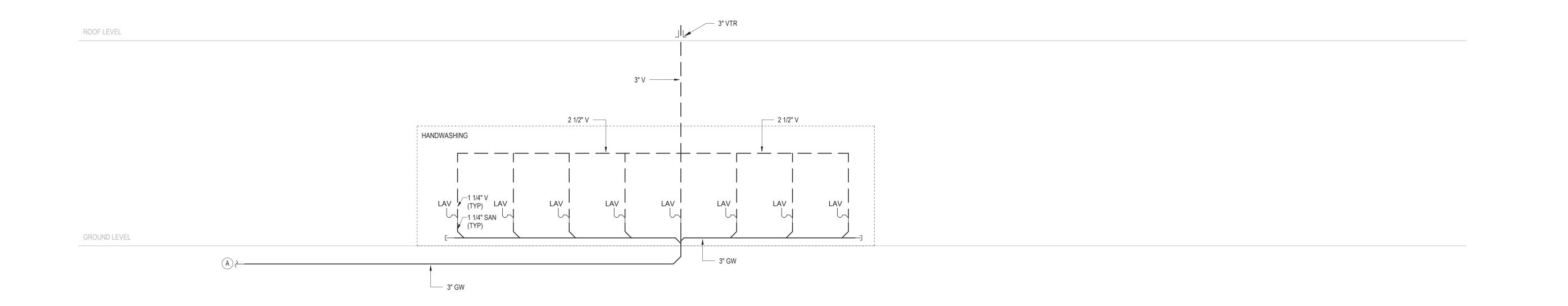
06/17/22

Project Storm King Art Center Welcome **Pavilions**

NOT FOR CONSTRUCTION **Drawing Title** Welcome - Domestic Water Riser

Date	06/17/22
Scale	Not to Scale
Drawing Number	P-W-701
Sheet Size	ARCH D





Owner
Storm King Art Center
1 Museum Road
New Windsor, NY 12553
+1 (845) 534-3115

Design Architect
heneghan peng architects
14-16 Lord Edward Street
Dublin, D02 YC63, IE
+353 1 633 9000

Executive Architect
WXY Architecture + Urban Design
224 Centre Street, 5th Floor
New York, NY 10013
+1 (212) 219-1953

Landscape Architect
Gustafson Porter + Bowman
1 Cobham Mews
London, MW1 9SB, UK
+44 020 7284 8950

Reed Hilderbrand LLC 33 Whitney Avenue, 3rd Floor New Haven, CT, US 06510 +1 (617) 923-2422

Structural & Lighting
ARUP
77 Water Street
New York, NY, US 10005

+1 (212) 896-3000

MEPF & IT

BuroHappold

100 Broadway #23 New York, NY, US 10005 +1 (212) 616-0228

Civil VHB

100 Great Oaks Blvd., Suite 118 Albany, NY, US 12203 +1 (518) 389-3606

AV & Acoustics
LSTN Consultants
76 Beaver Street, 2nd Floor
New York, NY, US 10005

76 Beaver Street, 2nd Floor New York, NY, US 10005 +1 (347) 788-0810 Facade

Front Inc. 100 E. Broadway Street, #501 New York, NY, US 10002 +1 (212) 242-2220

Key Plan

Description
Filing Set

Date

06/17/22

Storm King
Art Center
Welcome
Pavilions

Sea

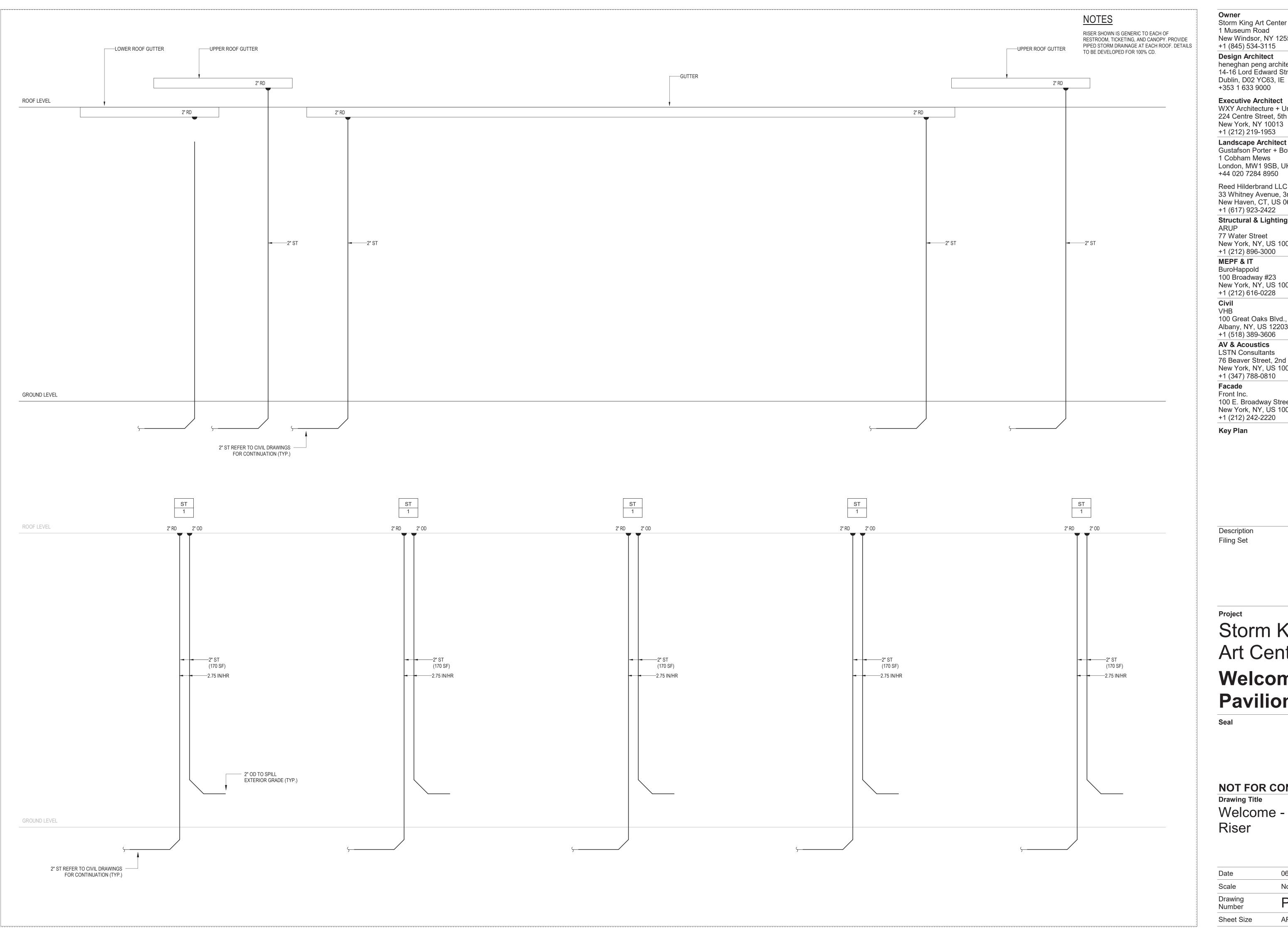
NOT FOR CONSTRUCTION

Drawing Title

Welcome - Drain &

Vent Riser

Date	06/17/22
Scale	Not to Scale
Drawing Number	P-W-711
Sheet Size	ARCH D



> **Design Architect** heneghan peng architects 14-16 Lord Edward Street Dublin, D02 YC63, IE

+353 1 633 9000 **Executive Architect** WXY Architecture + Urban Design 224 Centre Street, 5th Floor

Landscape Architect Gustafson Porter + Bowman 1 Cobham Mews London, MW1 9SB, UK +44 020 7284 8950

Reed Hilderbrand LLC 33 Whitney Avenue, 3rd Floor

New Haven, CT, US 06510 +1 (617) 923-2422 Structural & Lighting

ARUP 77 Water Street New York, NY, US 10005 +1 (212) 896-3000

MEPF & IT BuroHappold 100 Broadway #23

New York, NÝ, US 10005 +1 (212) 616-0228

100 Great Oaks Blvd., Suite 118

Albany, NY, US 12203 +1 (518) 389-3606

AV & Acoustics LSTN Consultants 76 Beaver Street, 2nd Floor

New York, NY, US 10005 +1 (347) 788-0810 Facade

Front Inc. 100 E. Broadway Street, #501 New York, NY, US 10002

Key Plan

Description

Date 06/17/22

Project

Storm King Art Center Welcome **Pavilions**

NOT FOR CONSTRUCTION **Drawing Title** Welcome - Storm Riser

06/17/22 Not to Scale P-W-721 Number ARCH D Sheet Size