

GENERAL NOTES

- DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL SCOPE OF THE WORK. REVIEW THE GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY THE ARCHITECT OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.
- VERIFY LOCATION AND DEPTH OF UTILITIES AT ALL POINTS OF CONNECTION INDICATED ON DRAWINGS BEFORE START OF PROJECT.
- COORDINATE ALL WORK WITH OTHER TRADES AND CONTRACTORS. COORDINATE PIPING INSTALLATION WITH STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE PIPING THROUGH GRADE BEAMS, FOOTING, ETC. WHERE REQUIRED AND AS NOTED ON PLANS. COORDINATE SLEEVE INSTALLATIONS WITH THE ARCHITECT, STRUCTURAL ENGINEER, STRUCTURAL CONTRACTOR AND GENERAL CONTRACTOR BEFORE CONCRETE IS INSTALLED. PIPING INVERTS AND SLOPE SHALL BE CLOSELY COORDINATED TO AVOID CONFLICTS WITH ALL OTHER TRADES BELOW SLAB WORK.
- COORDINATE PIPE ROUTING AWAY FROM ELECTRICAL PANELS. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS.
- PIPING IN FINISHED AREAS SHALL BE ROUTED CONCEALED. EXPOSED PIPING, WHERE NECESSARY, SHALL BE ROUTED AS HIGH AS POSSIBLE AND TIGHT TO WALLS.
- REFER TO INSTALLATION SCHEDULE DATA FOR THE SIZE OF PIPING CONNECTIONS AND MOUNTING HEIGHTS OF EACH FIXTURE.
- ALL PLUMBING FIXTURE SHUT-OFF AND/OR BALANCING VALVES INSTALLED IN PIPE CHASES SHALL BE ACCESSIBLE FROM JUST ABOVE THE CEILING LINE OR ACCESS DOORS PROVIDED LOW IN CHASE WALL.
- SANITARY WASTE PIPING 4" & LARGER SHALL BE INSTALLED WITH A PITCH OF 1/8" PER 1'-0".
- ALL UNDERSLAB PIPING SHALL BE INSTALLED TO PROVIDE NO LESS THAN 2" OF COVER BETWEEN THE PIPING AND THE FLOOR SLAB.
- VENT AND WATER PIPING SHALL PITCH TO DRAIN.
- PROVIDE FIXTURE STOPS ON ANY WATER SUPPLY IMMEDIATELY ADJACENT TO PLUMBING FIXTURES.
- CLEAN FAUCET AERATORS AND PIPE STRAINERS PRIOR TO TURNING BUILDING OVER TO THE OWNER.
- PROVIDE TRAP PRIMERS WHERE REQUIRED BY LOCAL AUTHORITIES.
- PROVIDE ISOLATION VALVES FOR ALL SUPPLY FIXTURES. VALVES SHALL BE LINE SIZE UNLESS OTHERWISE NOTED.
- THE TERM "PROVIDE" SHALL MEAN "TO FURNISH, INSTALL AND CONNECT COMPLETELY".
- ENTIRE PLUMBING INSTALLATION SHALL BE IN COMPLIANCE WITH ALL CURRENT LOCAL, STATE AND FEDERAL CODES AND STANDARDS.
- OSHA RULES, REGULATIONS AND REQUIREMENTS, AND ANY STATE AND LOCAL REQUIREMENTS FOR SAFETY SHALL BE FOLLOWED BY THE CONTRACTOR
- DOMESTIC HOT, COLD & HOT WATER RETURN PIPING SHALL HAVE NO DEAD LEGS. IF EXISTING DEAD LEGS ARE FOUND WITHIN THE WORK AREAS, PIPING SHALL BE DEMOLISHED BACK TO THE MAINS
- SUPPLY DROPS FOR FUTURE USE SHALL HAVE ISOLATION VALVES AS CLOSE TO MAINS AS POSSIBLE TO PREVENT DEAD LEG PIPES.
- ALL PENETRATIONS THROUGH FLOORS & WALLS SHALL BE FIRESTOPPED.
- ALL WORK PERFORMED WITHIN THE O.R SUITE SHALL TAKE PLACE ON SATURDAY, SUNDAY OR WEEK NIGHTS BETWEEN THE HOURS OF 7 P.M & 6A.M MODAY THROUGH FRIDAY. WORK THAT CANNOT BE CONDUCTED DURING THESE TIMES MUST BE SCHEDULED WITH PVAMC 28 DAYS IN ADVANCE
- PHASING: ALL WORK SHALL BE PERFORMED WITHIN THE ASSOCIATED PHASE. REFER TO DRAWINGS A01.1.A01.2 AND PLUMBING DRAWINGS FOR IDENTIFICATION OF PHASING

MEDICAL GAS PIPING GENERAL NOTES

- ALL WORK PERFORMED WITHIN THE O.R SUITE SHALL TAKE PLACE ON SATURDAY, SUNDAY OR WEEK NIGHTS BETWEEN THE HOURS OF 7 P.M & 6A.M MODAY THROUGH FRIDAY. WORK THAT CANNOT BE CONDUCTED DURING THESE TIMES MUST BE SCHEDULED WITH PVAMC 28 DAYS IN ADVANCE
- PHASING: ALL WORK SHALL BE PERFORMED WITHIN THE ASSOCIATED PHASE. REFER TO DRAWINGS A01.1.A01.2 AND PLUMBING DRAWINGS FOR IDENTIFICATION OF PHASING

LEGEND

-----	EXISTING PIPING ABOVE FINISHED FLOOR TO BE REMOVED		SINGLE HORIZONTAL ADJUSTABLE CARRIER
----- XMA	EXISTING AIR PIPING ABOVE FINISHED FLOOR		BACK TO BACK HORIZONTAL ADJUSTABLE CARRIER
----- MA	AIR PIPING ABOVE FINISHED FLOOR		BALANCING VALVE
----- XDCWS	EXISTING COLD WATER SUPPLY PIPING ABOVE FINISHED FLOOR		CHECK VALVE
----- DCWS	COLD WATER SUPPLY PIPING ABOVE FINISHED FLOOR		SHUT-OFF VALVE
----- DCWR	COLD WATER RETURN PIPING ABOVE FINISHED FLOOR		THERMOMETER
----- XDHWS	EXISTING HOT WATER SUPPLY PIPING ABOVE FINISHED FLOOR		UNION
----- DHWS	HOT WATER SUPPLY PIPING ABOVE FINISHED FLOOR		CAP
----- XDHWR	EXISTING HOT WATER RETURN PIPING ABOVE FINISHED FLOOR		CLEAOUT
----- DHWR	HOT WATER RETURN PIPING ABOVE FINISHED FLOOR		FLOOR CLEANOUT
----- XMN	EXISTING NITROGEN ABOVE FINISHED FLOOR		FLOOR DRAIN
----- MN	NITROGEN PIPING ABOVE FINISHED FLOOR		HOT WATER HOSE BIBB
----- XMN02	EXISTING NITROUS OXIDE ABOVE FINISHED FLOOR		PIPE DROP
----- MN02	NITROUS OXIDE PIPING ABOVE FINISHED FLOOR		PIPE RISE
----- XMO	EXISTING OXYGEN PIPING ABOVE FINISHED FLOOR (PER THE FACILITY DUDE)		ROOF DRAIN
----- MO	OXYGEN PIPING ABOVE FINISHED FLOOR (PER THE FACILITY DUDE)		BFP-X BACKFLOW PREVENTER
----- XSAN	EXISTING SANITARY PIPING ABOVE FINISHED FLOOR		CLEANOUT
----- SAN	SANITARY PIPING ABOVE FINISHED FLOOR		FLOOR CLEANOUT
----- SAN	HEAT TRACED CAST IRON NO HUB SANITARY PIPING ABOVE FINISHED FLOOR		P-XXX PLUMBING FIXTURE REFER TO (PLUMBING FIXTURE INSTALLATION SCHEDULE)
----- XOFD	EXISTING OVERFLOW STORM DRAIN PIPING ABOVE FINISHED FLOOR		SA "X" SHOCK ARRESTOR (P.D.I RATING)
----- OFD	OVERFLOW STORM DRAIN PIPING ABOVE FINISHED FLOOR		TMV-X THERMOSTATIC MIXING VALVE
----- XSW	EXISTING STORM WATER PIPING ABOVE FINISHED FLOOR		TP-X TRAP PRIMER
----- SW	STORM WATER PIPING ABOVE FINISHED FLOOR		WCO WALL CLEANOUT
----- XV	EXISTING VENT PIPING ABOVE FINISHED FLOOR		AFF ABOVE FINISHED FLOOR
----- V	VENT PIPING ABOVE FINISHED FLOOR		BFF BELOW FINISHED FLOOR
----- XMV	EXISTING VACUUM PIPING ABOVE FINISHED FLOOR (PER THE FACILITY DUDE)		DN DOWN
----- MV	VACUUM PIPING ABOVE FINISHED FLOOR (PER THE FACILITY DUDE)		TYP. TYPICAL
----- XWAGD	EXISTING WASTE ANESTHESIA GAS DISPOSAL PIPING ABOVE FINISHED FLOOR		VTR VENT THROUGH ROOF
----- WAGD	WASTE ANESTHESIA GAS DISPOSAL PIPING ABOVE FINISHED FLOOR		

DRAIN SCHEDULE				
BASIS OF DESIGN DRAIN SPECIFICATIONS REFER TO THE SPECIFICATIONS FOR APPROVED EQUALS AND DETAILED DESCRIPTIONS				
TAG	DESCRIPTION	CONNECTION SIZE		SPECIFICATIONS BASIS OF DESIGN
		WASTE	V	
FD-1	FLOOR DRAIN	3"	2"	WATTS ROUND HEAVY DUTY MODEL FD-1100-3-AB-6-7
FS-1	FLOOR SINK	4"	2"	WATTS FLOOR SINK MODEL FS-790-4-6-150-HD
OD-1	DOWNSPOUT COVER	8"	-	WATTS DOWNSPOUT COVER MODEL RD-950
RD-1	ROOF DRAIN	3"	-	WATTS MODEL RD-700-F-3-K80

PLUMBING FIXTURE INSTALLATION SCHEDULE

FURNISHED & INSTALLED BY PLUMBING CONTRACTOR									
TAG	DESCRIPTION	BRANCH SIZE					BASIS OF DESIGN FIXTURE SPECIFICATIONS REFER TO THE SPECIFICATIONS FOR APPROVED EQUALS AND DETAILED DESCRIPTIONS	BASIS OF DESIGN SUPPLY FITTING FIXTURE SPECIFICATIONS REFER TO THE SPECIFICATIONS FOR APPROVED EQUALS AND DETAILED DESCRIPTIONS	MOUNTING HEIGHT
		W	V	CW	HW	TW			
P-103	WATER CLOSET WALL MOUNTED	4"	2"	1"	-	-	AMERICAN STANDARD AFWALL FLOWISE MODEL 3351.101, PROVIDE CHURCH MODEL 9500CT TOILET SEAT	SLOAN ROYAL MODEL 111-1.6	16 1/2"
P-418	ADA COMPLIANT LAVATORY	2"	1 1/2"	1/2"	1/2"	-	AMERICAN STANDARD MURRO MODEL 0955.001EC, PROVIDE AMERICAN STANDARD ARCYLIC SHROUD MODEL 006.00EC	CHICAGO FAUCET MODEL 116.595.AB.1-E63VPJKABCP-12 VOLT TRANSFORMER 1.5 GPM, PROVIDE CHICAGO FAUCET MIXING VALVE MODEL 131-FM-ABRCF & CHICAGO FAUCET ANGLE STOPS MODEL 1017-CSTABCP BELOW LAVATORY	34"
P-528	SINGLE BOWL COUNTER MOUNTED SINK	2"	1 1/2"	1/2"	1/2"	-	ELKAY LUSTERSTONE MODEL LRADQ211950-3, PROVIDE LKAD35 OFFSET TAILPIECE WITH GRID STRAINER	CHICAGO FAUCET MODEL 116.595.AB.1-E29VPJKABCP 2.2 GPM, PROVIDE CHICAGO FAUCET MIXING VALVE MODEL 131-FM-ABRCF & CHICAGO FAUCET ANGLE STOPS MODEL 1017-CSTABCP BELOW LAVATORY	34"
P-519	ADA COMPLIANT SCRUB SINK	2"	1 1/2"	1/2"	1/2"	-	SLOAN SCRUB SINK MODEL ESS-220-C	PROVIDED WITH SCRUB SINK, PROVIDE CHICAGO FAUCET MIXING VALVE MODEL 131-FM-ABRCF & CHICAGO FAUCET ANGLE STOPS MODEL 1017-CSTABCP BELOW LAVATORY	34"
P-710	RECESSED EMERGENCY EYEWASH	2"	1 1/2"	-	-	1"	GUARDIAN EQUIPMENT RECESSED LABORATORY UNIT MODEL GBF1735DP-TMV	TV-1	20"

TEMPERING VALVE SCHEDULE

BASIS OF DESIGN TEMPERING VALVE SPECIFICATIONS REFER TO THE SPECIFICATIONS FOR APPROVED EQUALS AND DETAILED DESCRIPTIONS											
TAG	MANUFACTURER	MODEL	CW	HW	TW	MAX. OPERATING PRESSURE	MAX. OPERATING TEMPERATURE	MAX. GPM	MIN. GPM	TEMPERATURE SETTING	NOTES
TMV-1	LEONARD VALVE COMPANY	TA-300-LF-STSTL-REC-TOP-VIEW	1/2"	1/2"	1/2"	125.00	140 °F	4	2.00	85°F	
TV-2	LEONARD VALVE COMPANY	XL-186-32A-REC-RHH-TOP-VIEW-LF	3/4"	3/4"	3/4"	125.00	140 °F	20	2.00	110°F	

PIPING ACCESSORY SCHEDULE

BASIS OF DESIGN PIPE ACCESSORIES SPECIFICATIONS REFER TO THE SPECIFICATIONS FOR APPROVED EQUALS AND DETAILED DESCRIPTIONS				
TAG	DESCRIPTION	MANUFACTURER	MODEL	PIPE CONNECTION SIZE
BFP-1	BACKFLOW PREVENTOR	WATTS	LF909M1-QT-S	3/4"
FC	THERMOSTATIC FLOW CONTROL VALVE	THERMOMEGATE CH	CSU-3/4-120	

SCALE:	
Revisions:	Date:

CONSULTANT

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REGISTERED PROFESSIONAL ENGINEER (MECHANICAL)

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title

LEGEND, SCHEDULES, GENERAL NOTES & DETAILS

Approved:

Phase

FINAL CONSTRUCTION DOCUMENTS

SPRINKLERED

Project Title

CONSTRUCT CLEAN CORE ADDITION TO SURGICAL SUITE

Location

PROVIDENCE, RHODE ISLAND

Issue Date

02-22-19

Checked

CG

Drawn

MAM

Project Number

650-337

Building Number

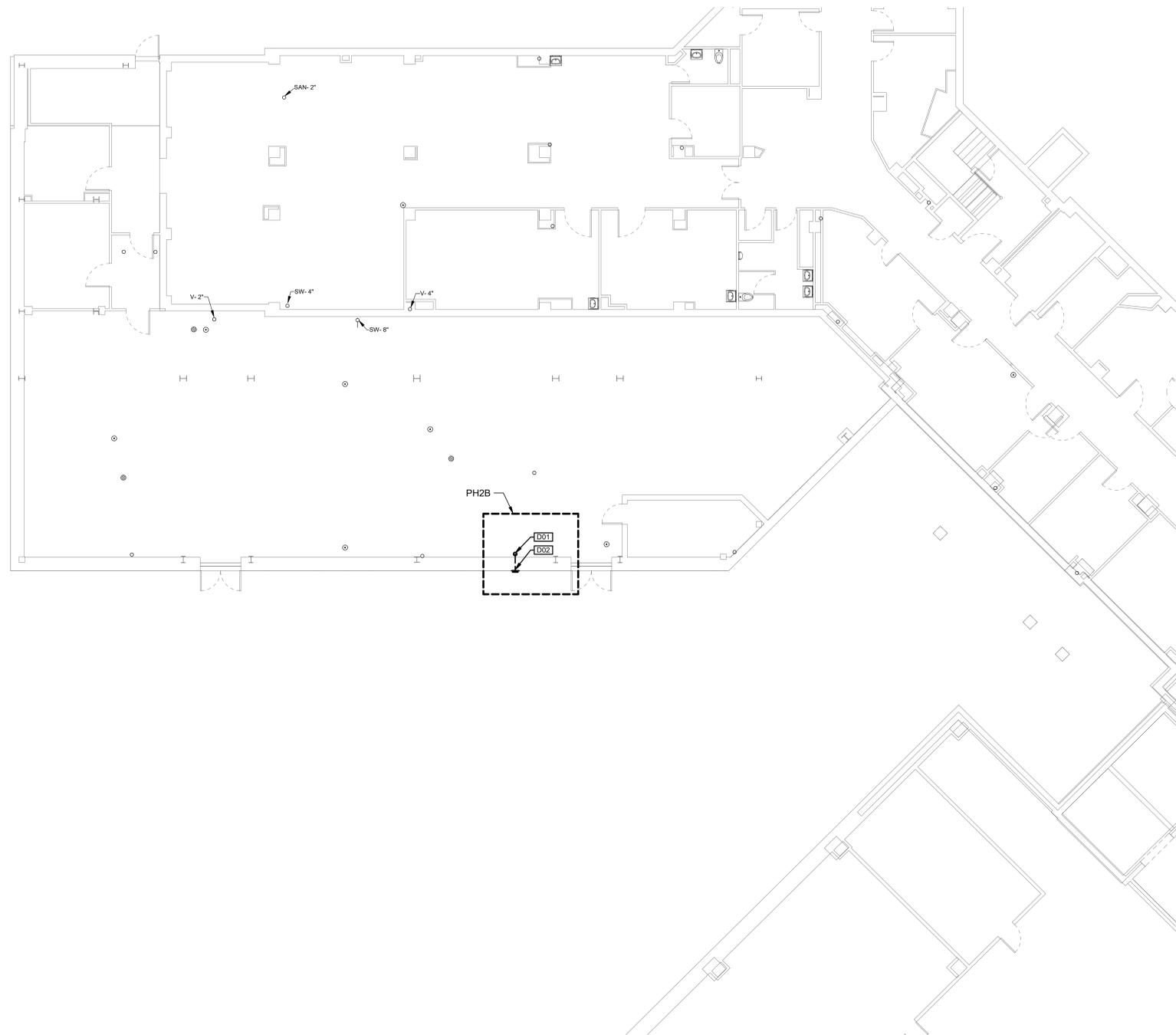
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Drawing Number

P00.1

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DEMO KEY NOTES	
CODE	DESCRIPTION
D01	DEMOLISH EXISTING 8" OD UP & PREPARE FOR RECONNECTION
D02	DEMOLISH EXISTING 8" OVERFLOW DRAIN OUTLET PATCH EXTERIOR WALL TO MATCH EXISTING
D03	DEMOLISH EXISTING 4" S BACK TO THIS POINT & PREPARE FOR RECONNECTION
D04	DEMOLISH EXISTING 2" W UP
D05	DEMOLISH EXISTING 2" V DN
D06	DEMOLISH EXISTING 2" V BACK TO THIS POINT & CAP
D07	DEMOLISH EXISTING SUPPLY PIPING & ASSOCIATED ACCESSORIES BACK TO THIS POINT & CAP
D08	DEMOLISH EXISTING N2, N02 & ASSOCIATED ACCESSORIES BACK TO THIS POINT & CAP
D09	DEMOLISH EXISTING SUPPLY, GAS PIPING & ASSOCIATED ACCESSORIES
D10	DEMOLISH EXISTING SUPPLY PIPING & ASSOCIATED ACCESSORIES DN
D11	DEMOLISH EXISTING 2-1/2" CW BACK TO THIS PIONT & PREPARE FOR RECONNECTION



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1 BASEMENT FLOOR DRAINAGE DEMOLITION
SCALE: 1/8" = 1'-0"

SCALE:	
Revisions:	Date:

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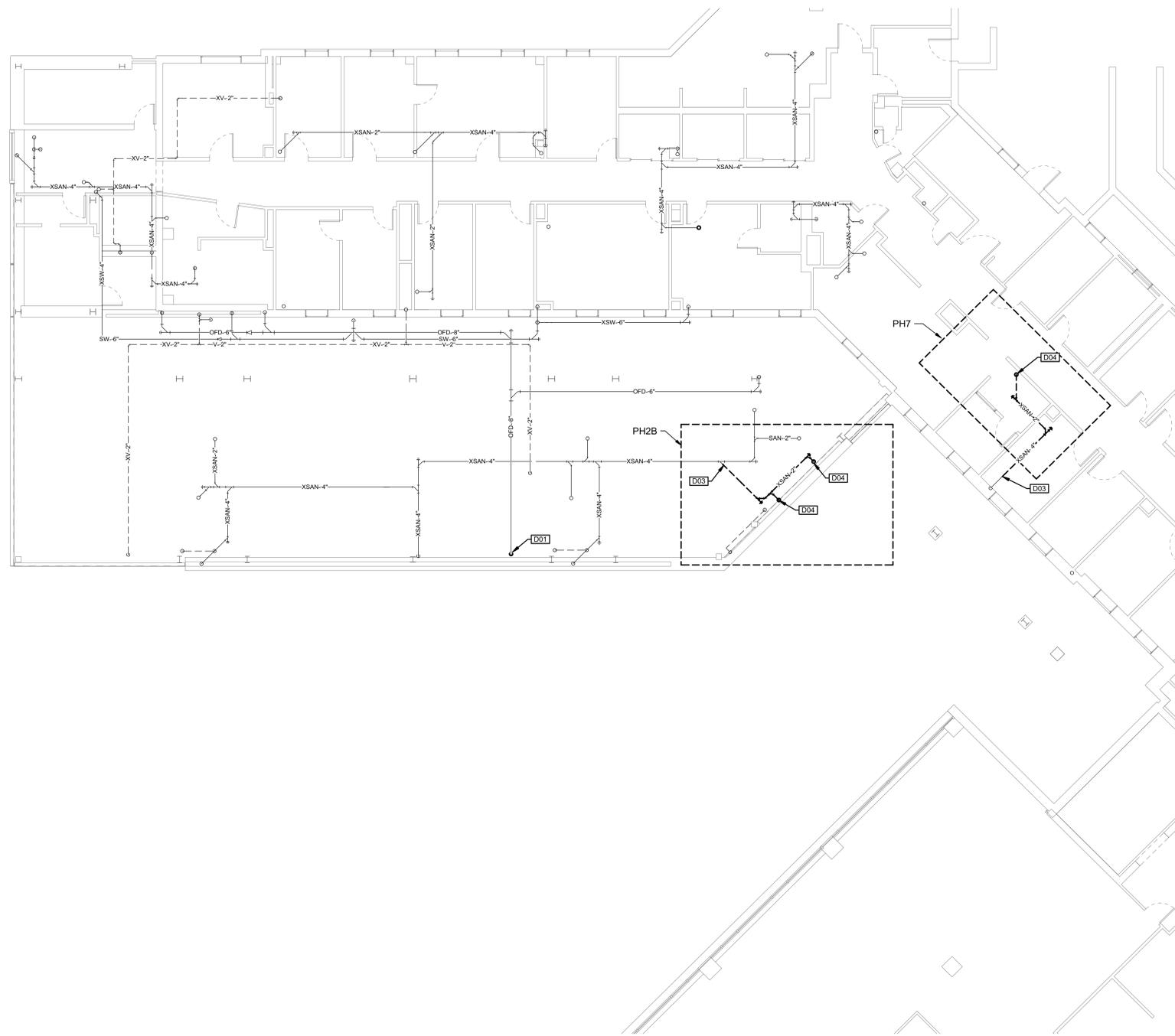
Drawing Title	BASEMENT FLOOR DRAINAGE DEMOLITION
Approved:	

Phase	FINAL CONSTRUCTION DOCUMENTS
	SPRINKLERED

Project Title	CONSTRUCT CLEAN CORE ADDITION TO SURGICAL SUITE
Location	PROVIDENCE, RHODE ISLAND
Issue Date	02-22-19
Checked	CG
Drawn	MAM

Project Number	650-337
Building Number	1
Drawing Number	P05.1

DEMO KEY NOTES	
CODE	DESCRIPTION
D01	DEMOLISH EXISTING 8" OD UP & PREPARE FOR RECONNECTION
D02	DEMOLISH EXISTING 8" OVERFLOW DRAIN OUTLET PATCH EXTERIOR WALL TO MATCH EXISTING
D03	DEMOLISH EXISTING 4" S BACK TO THIS POINT & PREPARE FOR RECONNECTION
D04	DEMOLISH EXISTING 2" W UP
D05	DEMOLISH EXISTING 2" V DN
D06	DEMOLISH EXISTING 2" V BACK TO THIS POINT & CAP
D07	DEMOLISH EXISTING SUPPLY PIPING & ASSOCIATED ACCESSORIES BACK TO THIS POINT & CAP
D08	DEMOLISH EXISTING N2, N02 & ASSOCIATED ACCESSORIES BACK TO THIS POINT & CAP
D09	DEMOLISH EXISTING SUPPLY, GAS PIPING & ASSOCIATED ACCESSORIES
D10	DEMOLISH EXISTING SUPPLY PIPING & ASSOCIATED ACCESSORIES DN
D11	DEMOLISH EXISTING 2-1/2" CW BACK TO THIS POINT & PREPARE FOR RECONNECTION



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1 FIRST FLOOR DRAINAGE DEMOLITION
SCALE: 1/8" = 1'-0"

SCALE:	
Revisions:	Date:

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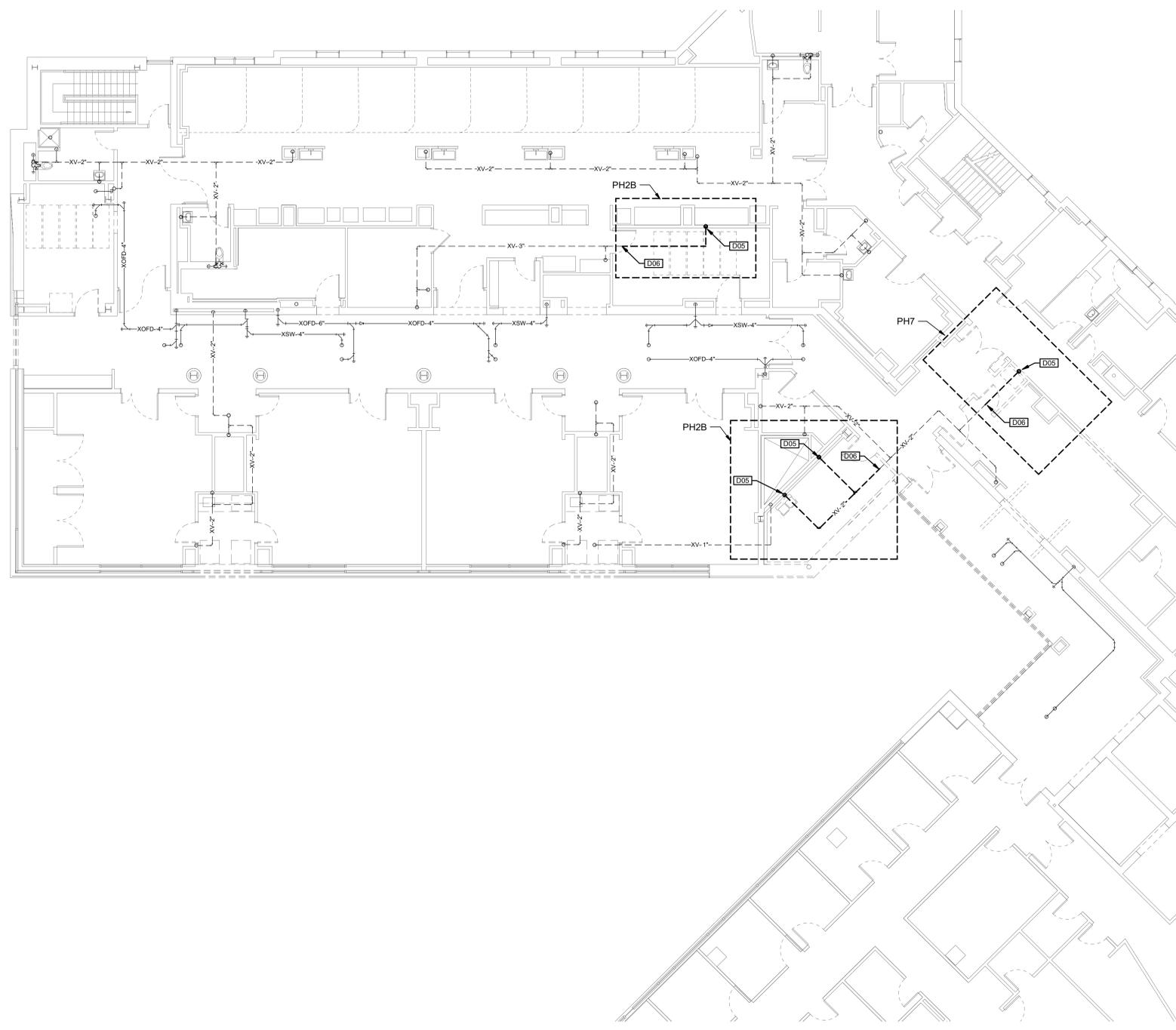
Drawing Title	FIRST FLOOR DRAINAGE DEMOLITION
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Phase	FINAL CONSTRUCTION DOCUMENTS
	SPRINKLERED

Project Title	CONSTRUCT CLEAN CORE ADDITION TO SURGICAL SUITE
Location	PROVIDENCE, RHODE ISLAND
Issue Date	02-22-19
Checked	CG
Drawn	MAM

Project Number	650-337
Building Number	1
Drawing Number	P05.2

DEMO KEY NOTES	
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D01	DEMOLISH EXISTING 8" OD UP & PREPARE FOR RECONNECTION
D02	DEMOLISH EXISTING 8" OVERFLOW DRAIN OUTLET PATCH EXTERIOR WALL TO MATCH EXISTING
D03	DEMOLISH EXISTING 4" S BACK TO THIS POINT & PREPARE FOR RECONNECTION
D04	DEMOLISH EXISTING 2" W UP
D05	DEMOLISH EXISTING 2" V DN
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D10	DEMOLISH EXISTING SUPPLY PIPING & ASSOCIATED ACCESSORIES DN
D11	DEMOLISH EXISTING 2-1/2" CW BACK TO THIS POINT & PREPARE FOR RECONNECTION



1 SECOND FLOOR DRAINAGE DEMOLITION
SCALE: 1/8" = 1'-0"

SCALE:	
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Drawing Title	SECOND FLOOR DRAINAGE DEMOLITION
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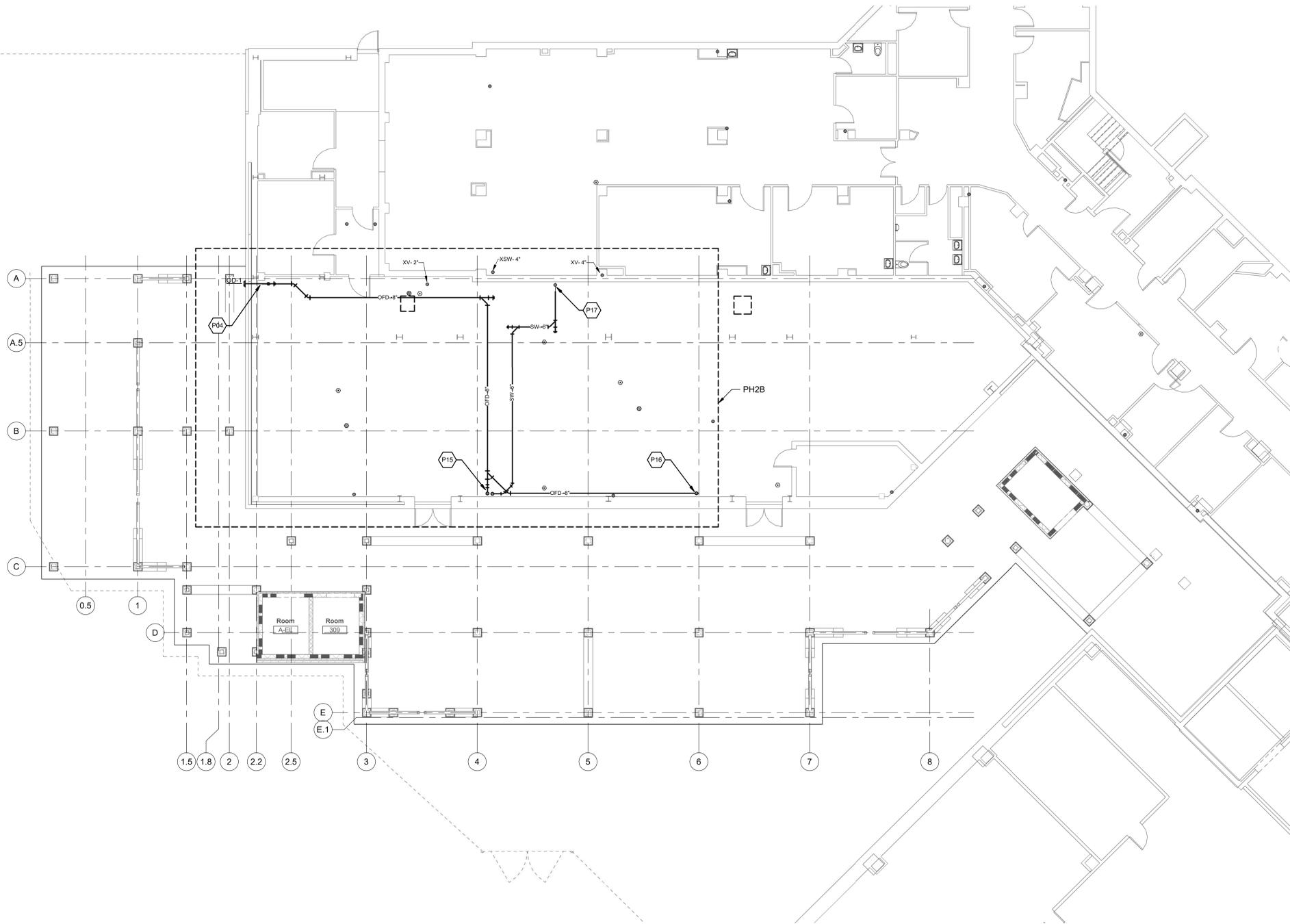
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Project Title	CONSTRUCT CLEAN CORE ADDITION TO SURGICAL SUITE
Location	PROVIDENCE, RHODE ISLAND
Issue Date	02-22-19
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Drawn	MAM

Project Number	650-337
Building Number	1
Drawing Number	P05.3

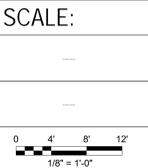
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KEY NOTES	
CODE	DESCRIPTION
P01	2" W UP
P02	2" V UP
P03	4" S UP
P04	8" OD UP
P05	2" W & 1-1/2" V DN
P06	2" W IN WALL & 1-1/2" V DN
P07	4" S DN
P08	2" V DN
P09	2" V UP 3" VTR
P10	3" V UP 4" VTR
P11	2" W DN
P12	3" VTR
P13	4" VTR
P14	6" OD & 6" SD DN
P15	6" OD & 6" SD UP
P16	CONNECT 8" OD TO EXISTING 8" OD
P17	CONNECT 6" SD TO EXISTING
P18	3" SD UP TO 3" RD
P19	3" OD UP TO 3" RD
P20	3" W UP
P21	EXISTING ROOF DRAIN TO REMAIN
P22	PROVIDE MEDICAL GAS VALVE BOX & ALARM PANEL REFER TO SPECIFICATIONS FOR MANUFACTURERS & MODELS. COORDINATE EXACT LOCATION OF ALARM PANEL WITH ELECTRICAL CONTRACTOR
P23	1/2" A, OX, VA, WAGD, NO2 & N2 DN TO BOOM
P24	1/2" HW & CW DN
P25	1/2" HW & CW DN
P26	1/2" CO2 NO2, WAGD, A, OX, VA, N2 DN TO RETRACTABLE CEILING COLUMN
P27	PROVIDE ISOLATION VALVE. MAKE FINAL CONNECTIONS TO TWO EVAC UNITS REFER TO MANUFACTURERS INSTALLATION MANUAL
P28	3/4" TEMPERED WATER FROM MIXING VALVE DN. RUN PIPE IN WALL TO BACKFLOW PREVENTER LOCATION
P29	1" DCWR DN
P30	CONNECT TO EXISTING 1" CHWR RISER
P31	1" DCWR UP



1 GROUND FLOOR DRAINAGE

SCALE: 1/8" = 1'-0"



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CLIFTON W. GREIM

No. 8159

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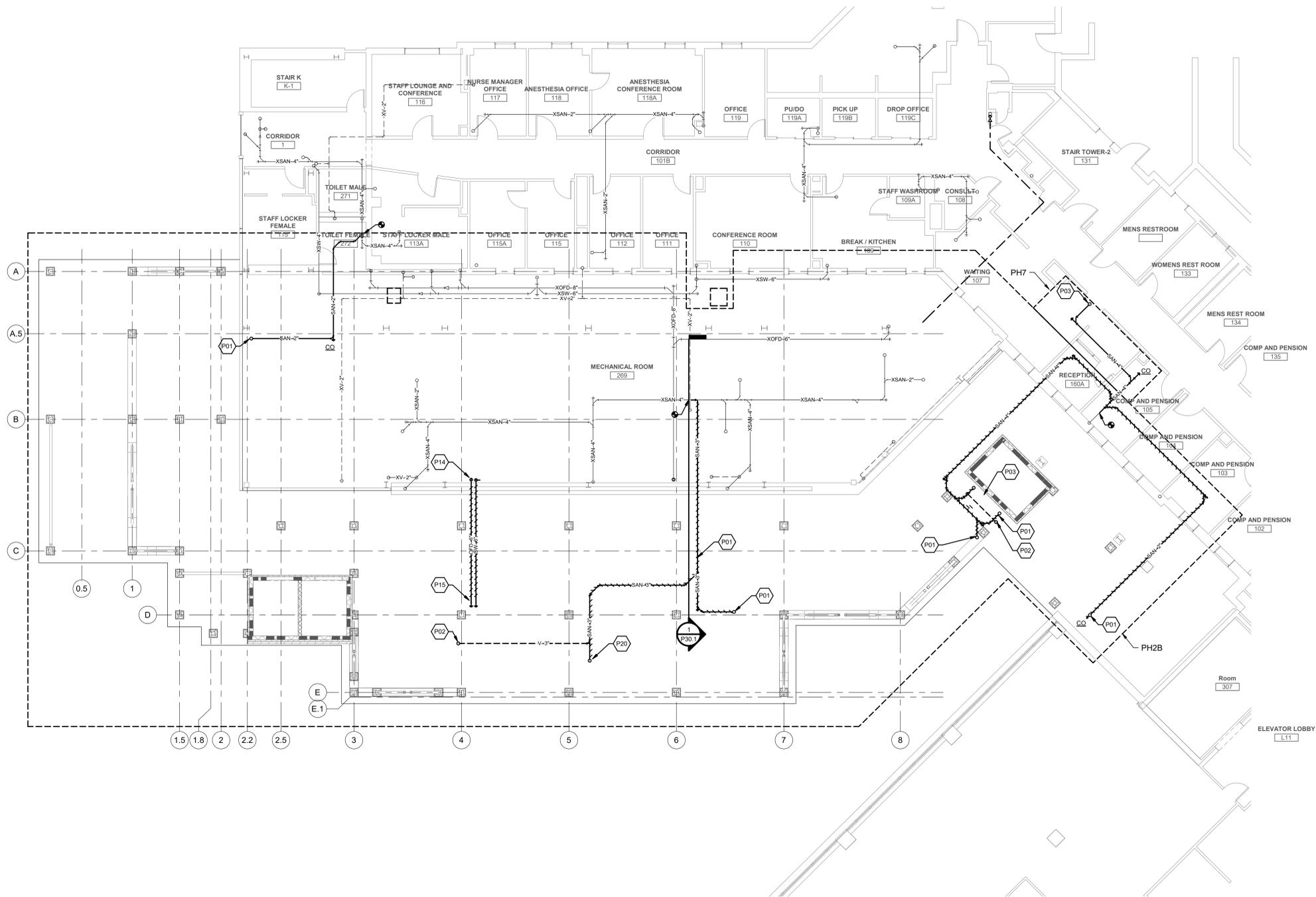
Drawing Title	GROUND FLOOR DRAINAGE
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Phase	FINAL CONSTRUCTION DOCUMENTS
	SPRINKLERED

Project Title	CONSTRUCT CLEAN CORE ADDITION TO SURGICAL SUITE
Location	PROVIDENCE, RHODE ISLAND
Issue Date	02-22-19
Checked	CG
Drawn	MAM

Project Number	650-337
Building Number	1
Drawing Number	P10.1

KEY NOTES	
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P01	2" W UP
P02	2" V UP
P03	4" S UP
P04	8" OD UP
P05	2" W & 1-1/2" V DN
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P07	4" S DN
P08	2" V DN
P09	2" V UP 3" VTR
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P11	2" W DN
P12	3" VTR
P13	4" VTR
P14	6" OD & 6" SD DN
P15	6" OD & 6" SD UP
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1 FIRST FLOOR DRAINAGE
SCALE: 1/8" = 1'-0"

SCALE:	
Revisions:	Date:

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Drawing Title
FIRST FLOOR DRAINAGE

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Phase
FINAL CONSTRUCTION DOCUMENTS

SPRINKLERED

Project Title
CONSTRUCT CLEAN CORE ADDITION TO SURGICAL SUITE

Location
PROVIDENCE, RHODE ISLAND

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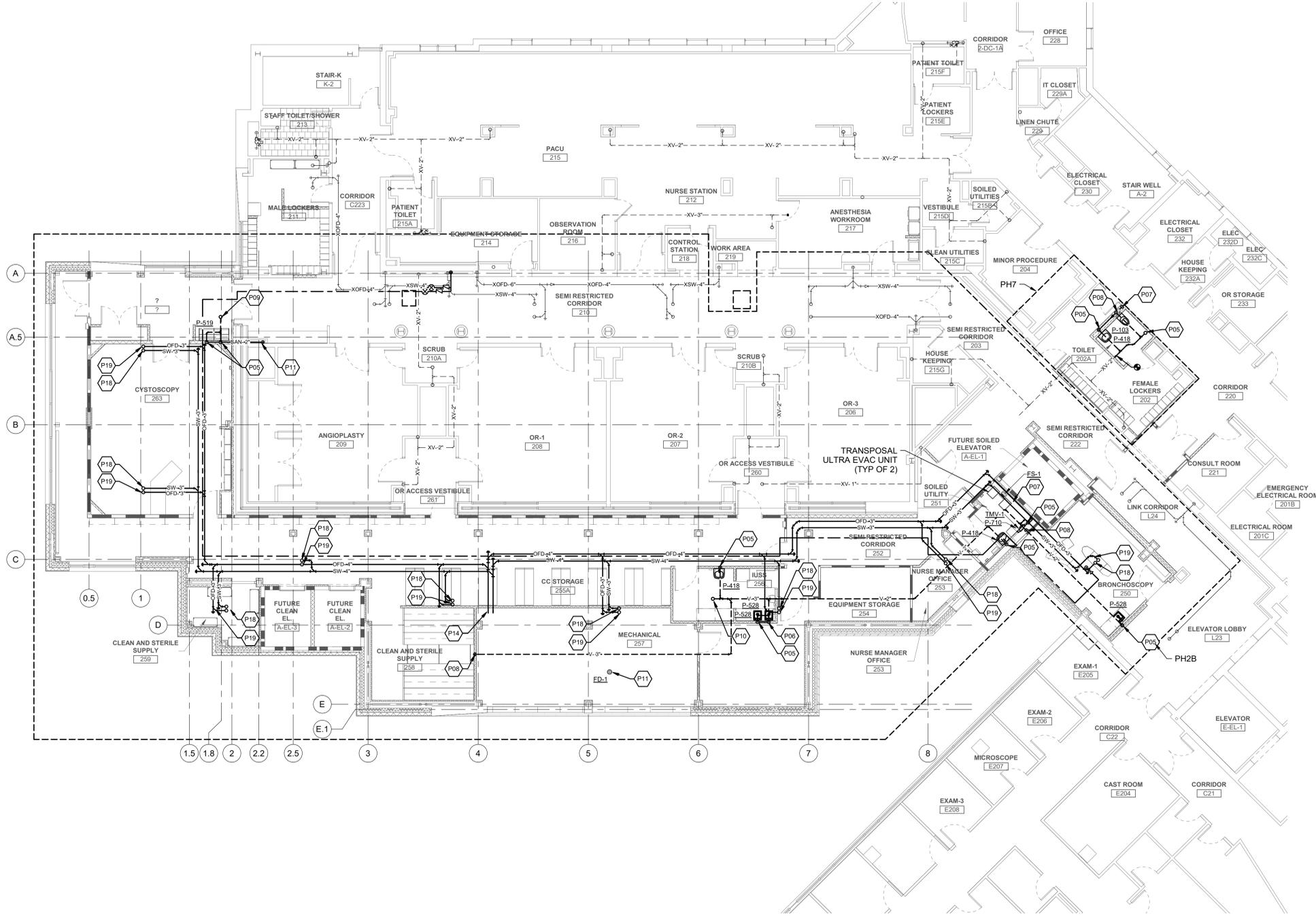
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Building Number
1

Drawing Number
P10.2

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P15	6" OD & 6" SD UP
P16	CONNECT 8" OD TO EXISTING 8" OD
P17	CONNECT 6" SD TO EXISTING
P18	3" SD UP TO 3" RD
P19	3" OD UP TO 3" RD
P20	3" W UP
P21	EXISTING ROOF DRAIN TO REMAIN
P22	PROVIDE MEDICAL GAS VALVE BOX & ALARM PANEL REFER TO SPECIFICATIONS FOR MANUFACTURERS & MODELS. COORDINATE EXACT LOCATION OF ALARM PANEL WITH ELECTRICAL CONTRACTOR
P23	1/2" A. OX. VA. WAGD, NO2 & N2 DN TO BOOM
P24	1/2" HW & CW DN
P25	1/2" HW & CW DN
P26	1/2" CO2, NO2, WAGD, A. OX. VA, N2 DN TO RETRACTABLE CEILING COLUMN
P27	PROVIDE ISOLATION VALVE, MAKE FINAL CONNECTIONS TO TWO EVAC UNITS REFER TO MANUFACTURERS INSTALLATION MANUAL
P28	3/4" TEMPERED WATER FROM MIXING VALVE DN. RUN PIPE IN WALL TO BACKFLOW PREVENTER LOCATION
P29	1" DCWR DN
P30	CONNECT TO EXISTING 1" CHWR RISER
P31	1" DCWR UP



1 SECOND FLOOR DRAINAGE
SCALE: 1/8" = 1'-0"

SCALE:	
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD
HARRIMAN
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CLIFTON W. GREIM
REGISTERED PROFESSIONAL ENGINEER (MECHANICAL)

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title
SECOND FLOOR DRAINAGE
Approved:

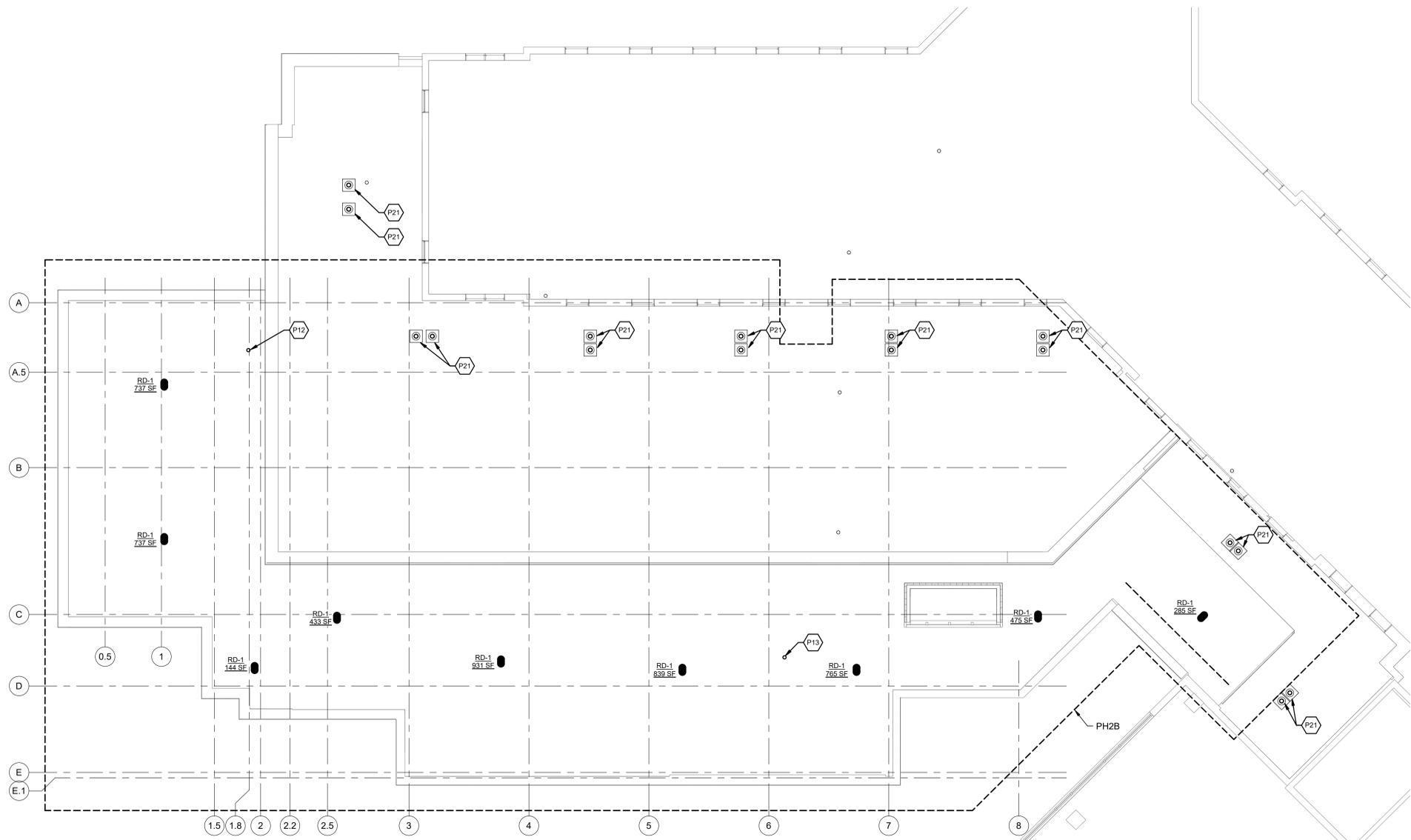
Phase
FINAL CONSTRUCTION DOCUMENTS
SPRINKLERED

Project Title
CONSTRUCT CLEAN CORE ADDITION TO SURGICAL SUITE
Location
PROVIDENCE, RHODE ISLAND
Issue Date
02-22-19
Checked
CG
Drawn
MAM

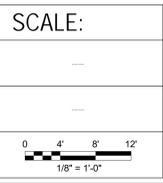
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650-337
Building Number
1
Drawing Number
P10.3

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KEY NOTES	
CODE	DESCRIPTION
P01	2" W UP
P02	2" V UP
P03	4" S UP
P04	8" OD UP
P05	2" W & 1-1/2" V DN
P06	2" W IN WALL & 1-1/2" V DN
P07	4" S DN
P08	2" V DN
P09	2" V UP 3" VTR
P10	3" V UP 4" VTR
P11	2" W DN
P12	3" VTR
P13	4" VTR
P14	6" OD & 6" SD DN
P15	6" OD & 6" SD UP
P16	CONNECT 8" OD TO EXISTING 8" OD
P17	CONNECT 6" SD TO EXISTING
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P23	1/2" A, OX, VA, WAGD, NO2 & N2 DN TO BOOM
P24	1/2" HW & CW DN
P25	1/2" HW & CW DN
P26	1/2" CO2 NO2, WAGD, A, OX, VA, N2 DN TO RETRACTABLE CEILING COLUMN
P27	PROVIDE ISOLATION VALVE, MAKE FINAL CONNECTIONS TO TWO EVAC UNITS REFER TO MANUFACTURERS INSTALLATION MANUAL
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P29	1" DCWR DN
P30	CONNECT TO EXISTING 1" CHWR RISER
P31	1" DCWR UP



1 ROOF PLAN
SCALE: 1/8" = 1'-0"



Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

HARRIMAN
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No. 8159
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Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title
ROOF PLAN

Approved:

Phase
FINAL CONSTRUCTION DOCUMENTS

SPRINKLERED

Project Title
CONSTRUCT CLEAN CORE ADDITION TO SURGICAL SUITE

Location
PROVIDENCE, RHODE ISLAND

Issue Date
02-22-19

Checked
CG

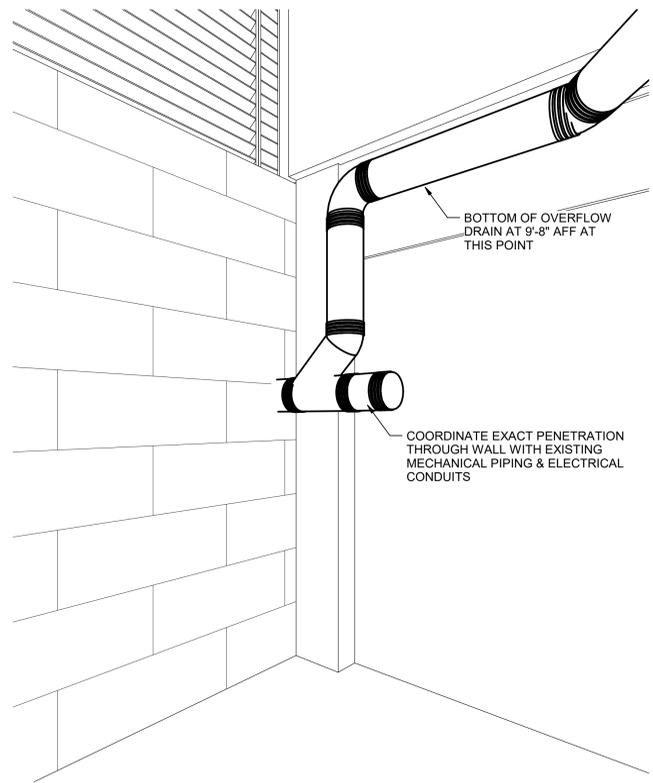
Drawn
MAM

Project Number
650-337

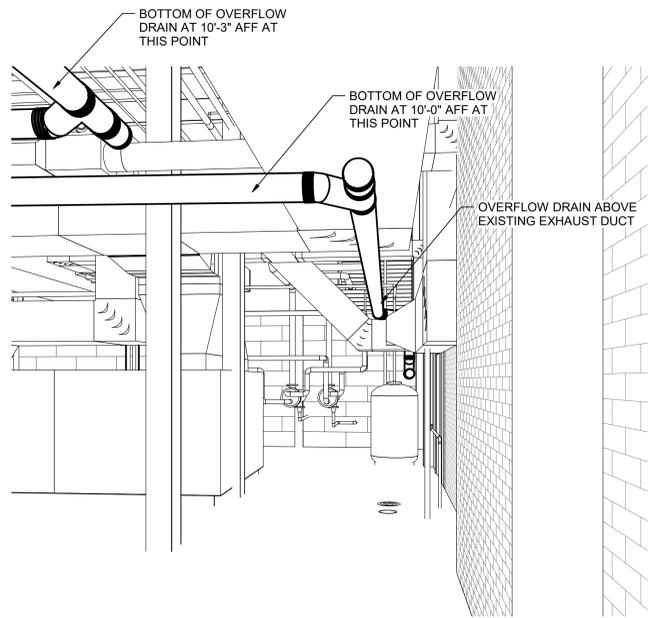
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Drawing Number
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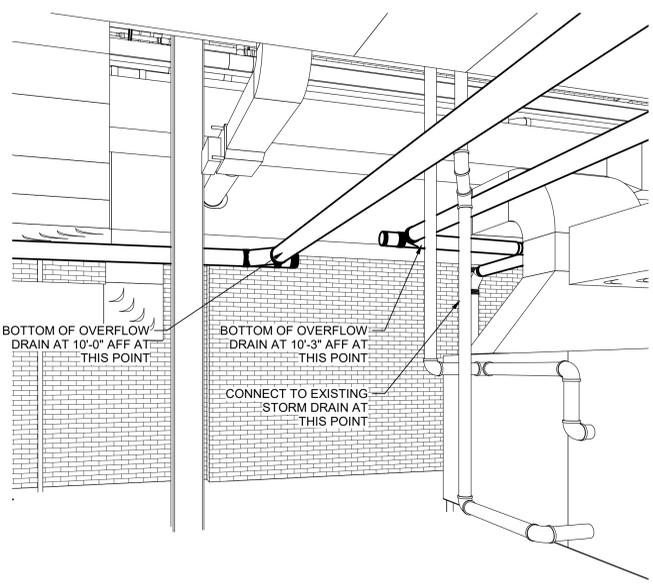
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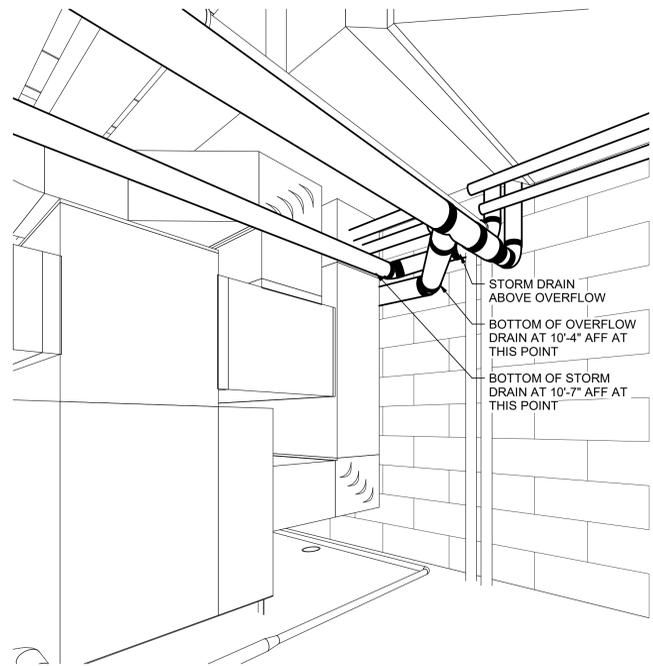
5 VIEW 4 OVERFLOW DRAIN PIPING IN MECHANICAL ROOM
SCALE:



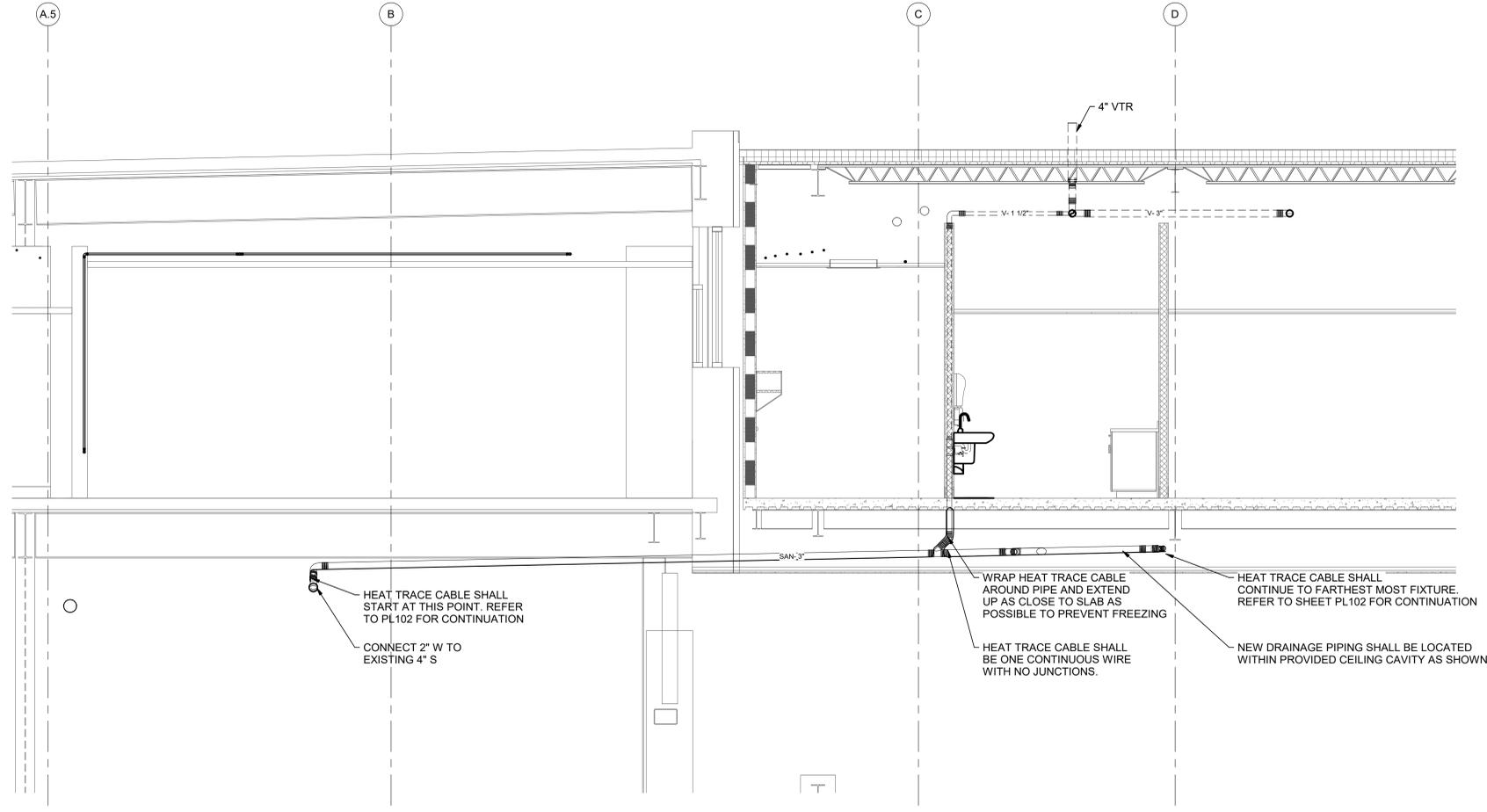
4 VIEW 3 OVERFLOW DRAIN PIPING IN MECHANICAL ROOM
SCALE:



3 VIEW 2 OVERFLOW DRAIN PIPING IN MECHANICAL ROOM
SCALE:



2 VIEW 1 OVERFLOW DRAIN PIPING IN MECHANICAL ROOM
SCALE:



1 DRAINAGE HEAT TRACE DETAIL REFER TO SHEET P10.2
NO SCALE

SCALE:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number	
					SECTIONS & DETAILS	FINAL CONSTRUCTION DOCUMENTS	CONSTRUCT CLEAN CORE ADDITION TO SURGICAL SUITE	650-337	
Revisions:	Date:	HARRIMAN	CLIFTON W. GREIM REGISTERED PROFESSIONAL ENGINEER (MECHANICAL) No. 8159	U.S. Department of Veterans Affairs	Approved:	SPRINKLERED	Location	Drawing Number	
							PROVIDENCE, RHODE ISLAND	P30.1	
							Issue Date	Checked	Drawn
							02-22-19	CG	MAM