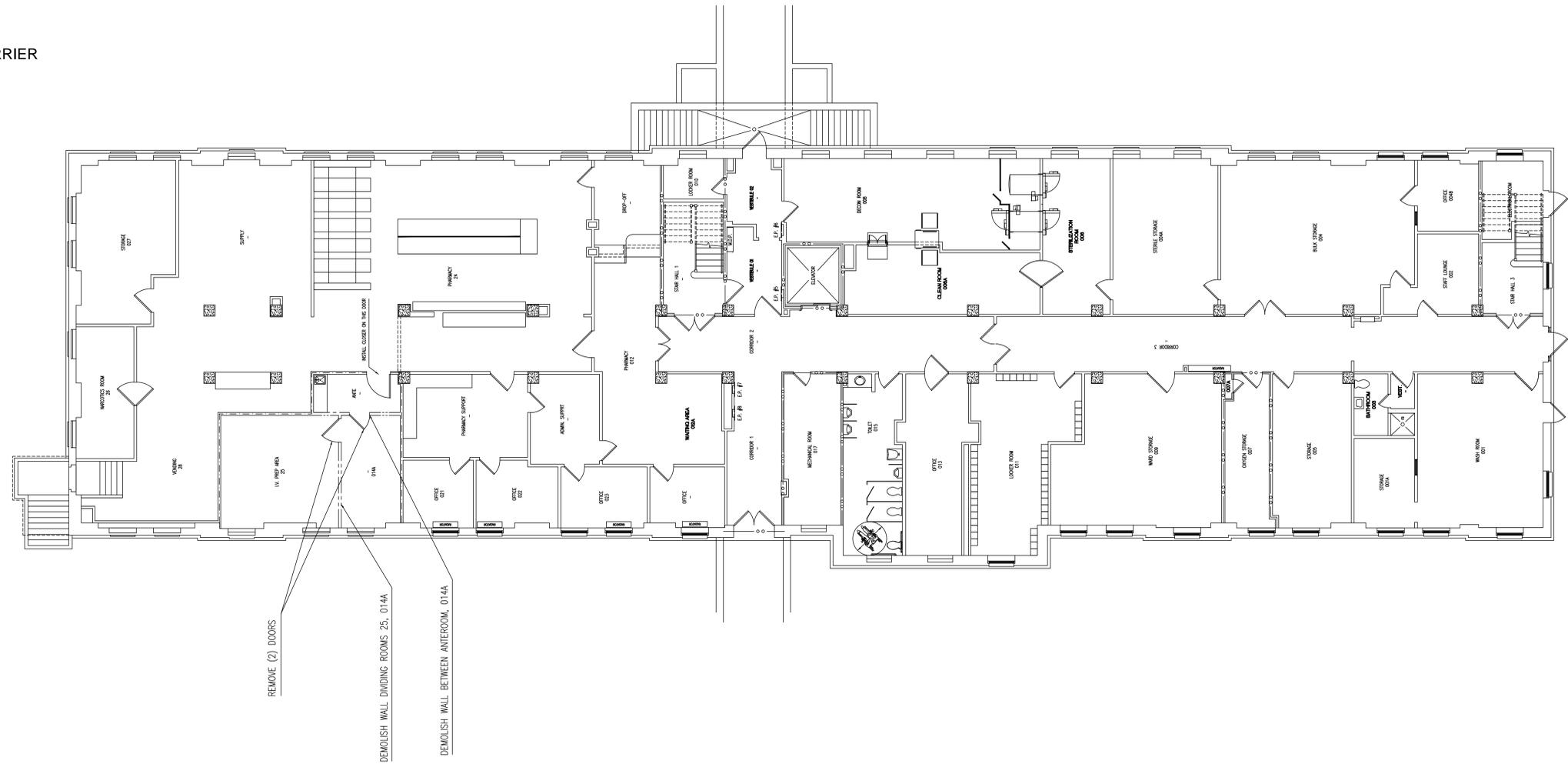
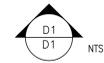
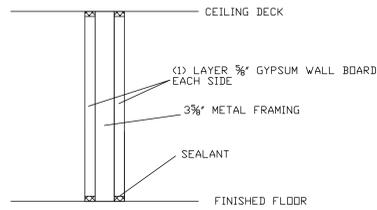


# LEGEND

- TO BE DEMOLISHED
- CONSTRUCTION BARRIER



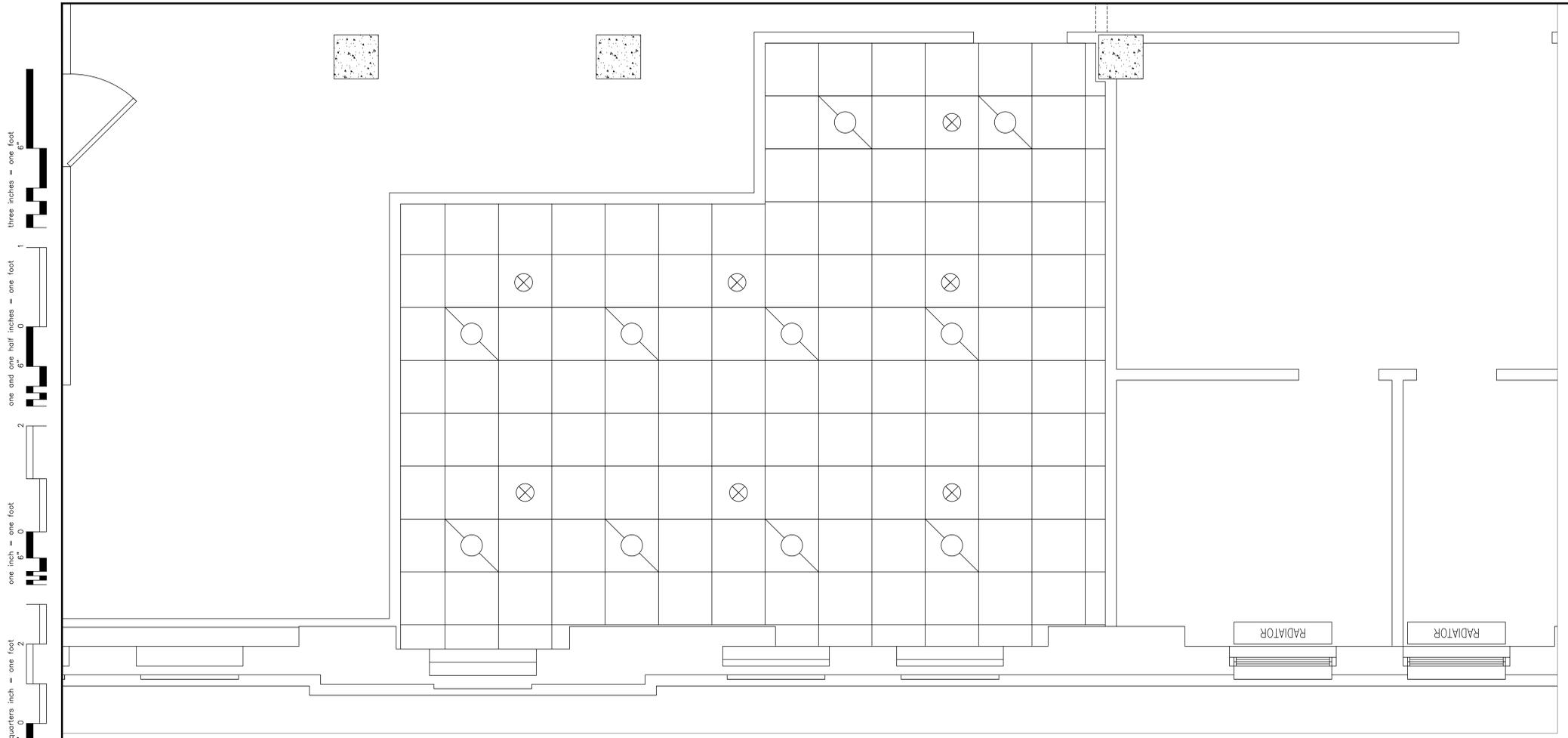
## GENERAL NOTES - DEMOLITION

- A. EXISTING EQUIPMENT, IN AREAS OF DEMOLITION SUCH AS LIGHTING FIXTURES, WIRING DEVICES, CONDUITS, ETC., TO BE REMOVED COMPLETELY. CUT/CAP CONDUITS AT THE AREA OF WORK PERIMETER AND REMOVE CONDUIT WITHIN THE WORK AREA, DISCONNECT WIRING AT THE OVERCURRENT PROTECTIVE DEVICE AND REMOVE WIRING COMPLETELY FROM THE ABANDONED CONDUITS.
- B. REMOVE ALL ACCESSIBLE ABANDONED WIRING OF ALL TYPES, OR CAP AND LABEL IN JUNCTION BOX FOR RE-USE, IN COMPLIANCE WITH THE NATIONAL ELECTRIC CODE.
- C. MAINTAIN AND RESTORE, IF INTERRUPTED, ALL CONDUITS AND CONDUCTORS PASSING THROUGH RENOVATED AREAS AND SERVICING UNDISTURBED AREAS.
- D. CONSTRUCTION BARRIER TO EXTEND FLOOR TO CEILING DECK, SEE DETAIL D1. FIRESTOP ALL PENETRATIONS MINIMUM 1 HOUR RATING.
- E. REPLACE CEILING IN RENOVATED SPACE WITH 2'X2' DROP CEILING, 8' AFF.

	CONSULTANTS:	ARCHITECT/ENGINEERS:	NORTH: 	APPROVED:	APPROVED:	APPROVED:	APPROVED:
UPDATED FROM PRELIM REVIEW	9-7-2010				DEMOLITION GROUND FLOOR WF-1	LAB RENOVATION	Project Number 620A4-10-238
Revisions:	Date				Approved Director, VAHVCS	Location CASTLE POINT, NEW YORK	Building(s) Number 18D
					Approved: Chief of Engineering	Date 9-7-10	Checked JEF
						Drawn JEF	Drawing Number AD-18-1
							SHEET 13 OF 21

Engineering Service





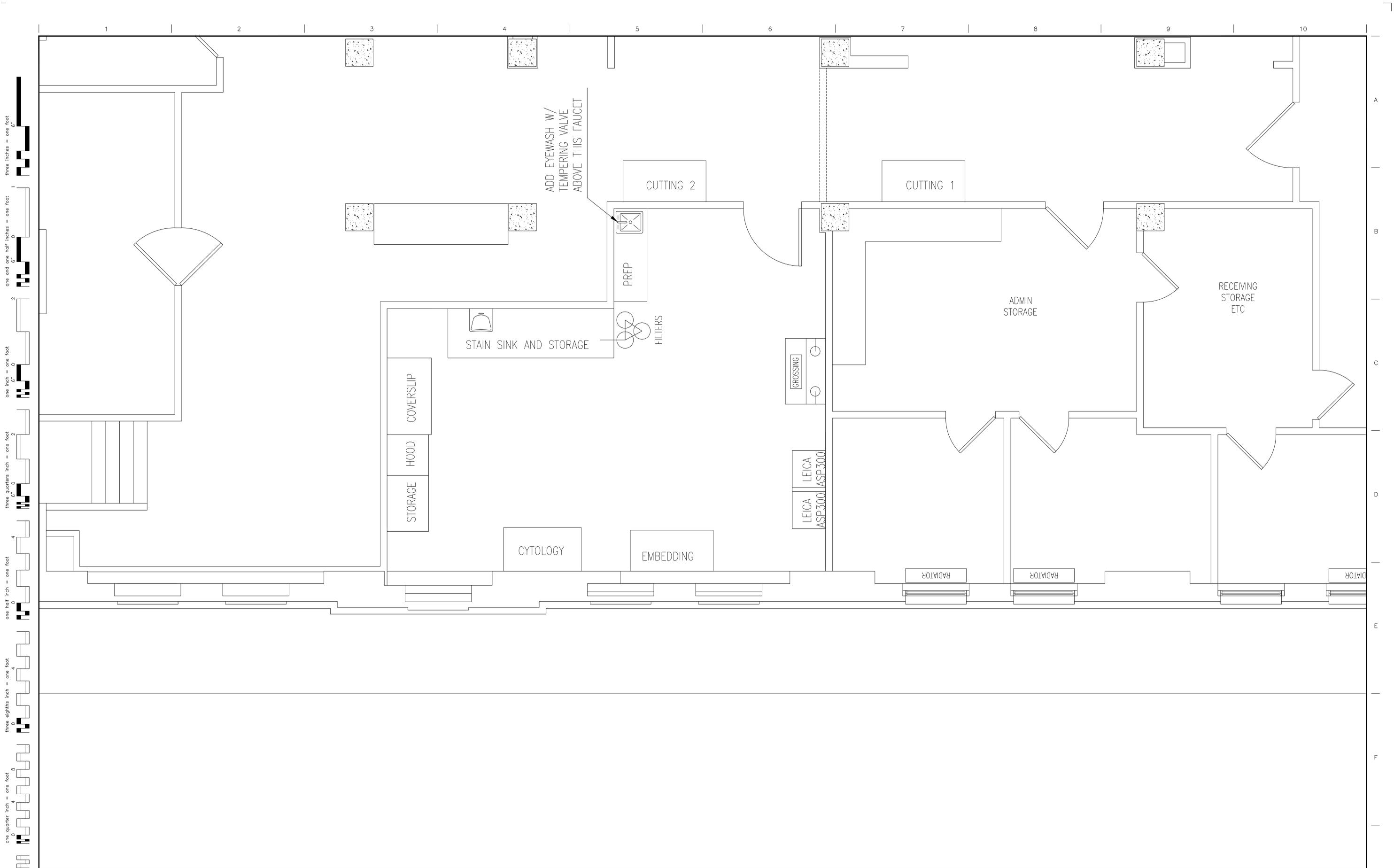
# LEGEND

-  PENDANT SPRINKLER HEAD
-  2'X2' LIGHT FIXTURE, TYPE A

**REFLECTED CEILING PLAN**  
1/2" = 1'

three inches = one foot  
 one and one half inches = one foot  
 one inch = one foot  
 three quarters inch = one foot  
 one half inch = one foot  
 three eighths inch = one foot  
 one quarter inch = one foot  
 one eighth inch = one foot

CONSULTANTS:  		ARCHITECT/ENGINEERS:  		NORTH: 		APPROVED:  		Drawing Title CONSTRUCTION GROUND FLOOR <small>100E</small>		Project Title LAB RENOVATION		Project Number 620A4-10-238		<b>Engineering Service</b> 
APPROVED:  		APPROVED:  		APPROVED:  		APPROVED:  		Approved: Director, VA/HCS		Location CASTLE POINT, NEW YORK		Building(s) Number 18D		
APPROVED:  		APPROVED:  		APPROVED:  		APPROVED:  		Approved: Chief of Engineering		Date 9-7-10		Checked  		
UPDATED FROM PRELIM REVIEW <small>Revisions:</small>		9-7-2010 <small>Date:</small>								Drawing Number <b>AS-18-1</b>		SHEET 14 OF 21		



three inches = one foot  
 one and one half inches = one foot  
 one inch = one foot  
 three quarters inch = one foot  
 one half inch = one foot  
 three eighths inch = one foot  
 one quarter inch = one foot  
 one eighth inch = one foot

CONSULTANTS:	ARCHITECT/ENGINEERS:	NORTH:
UPDATED FROM PRELIM REVIEW	9-7-2010	
Revisions:	Date:	

APPROVED:	APPROVED:

Drawing Title	Project Title	Project Number
FLOOR PLAN	LAB RENOVATION	620A4-10-238
GROUND FLOOR		Building(s) Number
97-1		18D
Approved: Director, VAHVHCS	Location	Drawing Number
	CASTLE POINT, NEW YORK	IF-18-1
Approved: Chief of Engineering	Date	9-7-10
	Checked	Drawn
		JEF

APPROVED:	APPROVED:

APPROVED:	APPROVED:

APPROVED:	APPROVED:

APPROVED:	APPROVED:

APPROVED:	APPROVED:

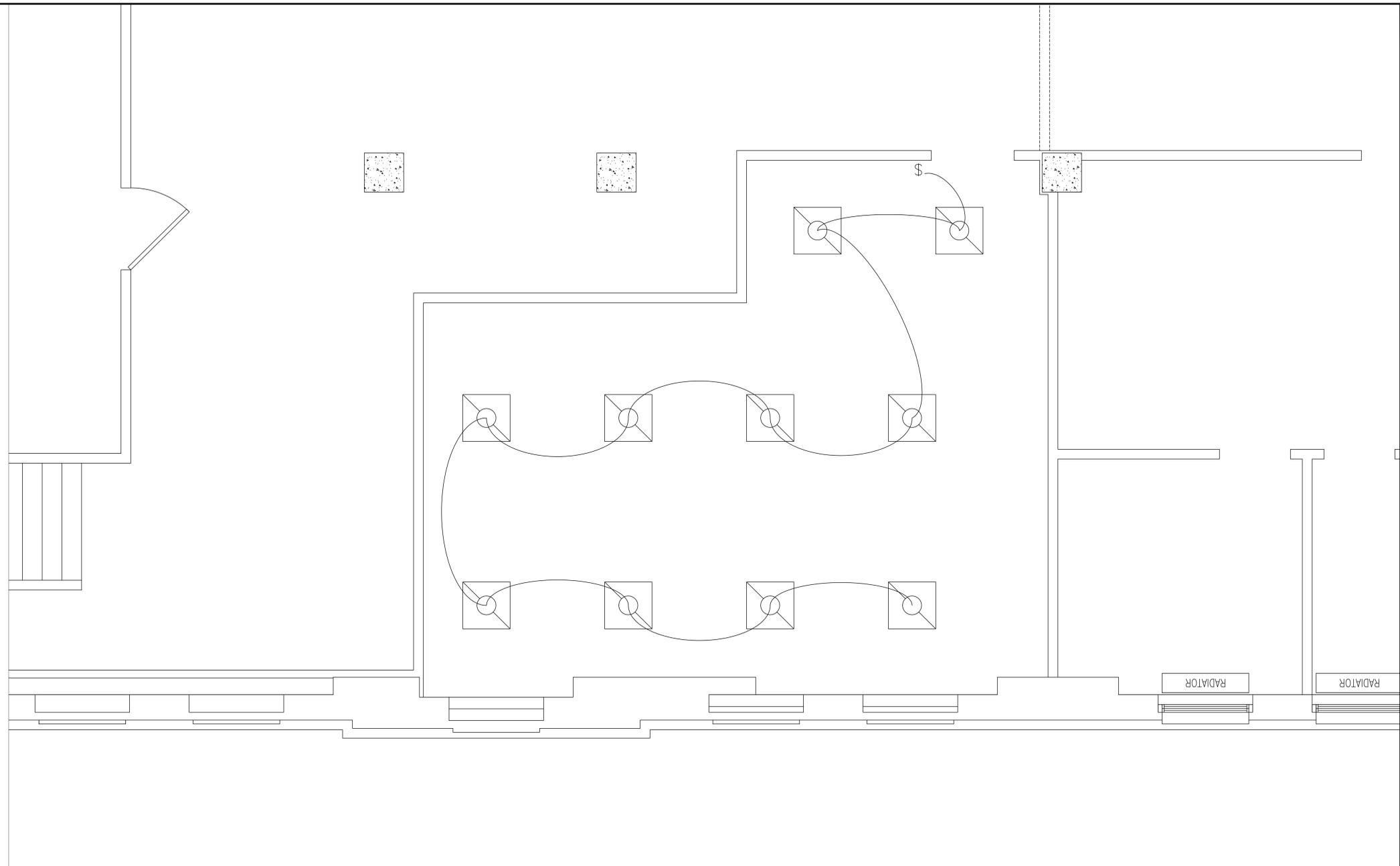
**Engineering Service**  
 Department of Veterans Affairs  
 SHEET 15 OF 21

# LEGEND

§ LIGHT SWITCH

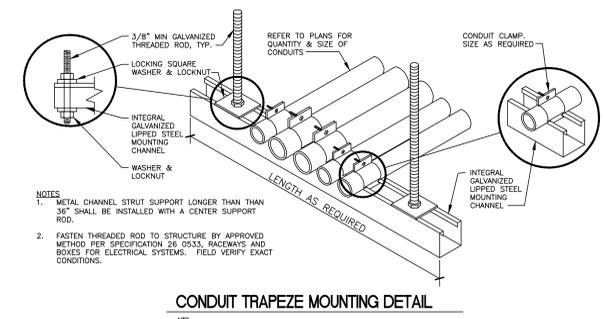
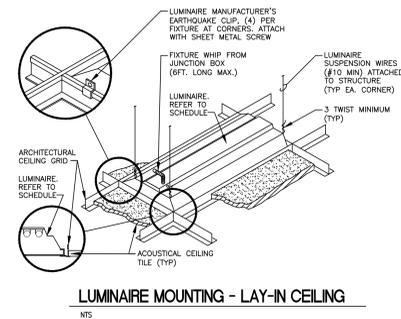
## NOTES:

1. USE EXISTING LIGHTING CIRCUITS, TIE IN TO SWITCHES AS SHOWN. IT IS PERMISSIBLE TO REROUTE WIRING TO USE EXISTING CONDUIT.



### LIGHTING FIXTURE SCHEDULE

Type	Symbol	Volts	No. of Lamps	Lamp Type	Total Watts	Description	Remarks
A		120	2	PHILIPS P/N 20423-0 FB32T8/U (CRI=85 OR BETTER) 4100k	50	-2'X2' RECESSED FLUORESCENT WITH ACRYLIC LENS & ELECTRONIC BALLAST	



CONSULTANTS:	ARCHITECT/ENGINEERS:	NORTH:
UPDATED FROM PRELIM REVIEW	9-7-2010	
Revisions:	Date:	

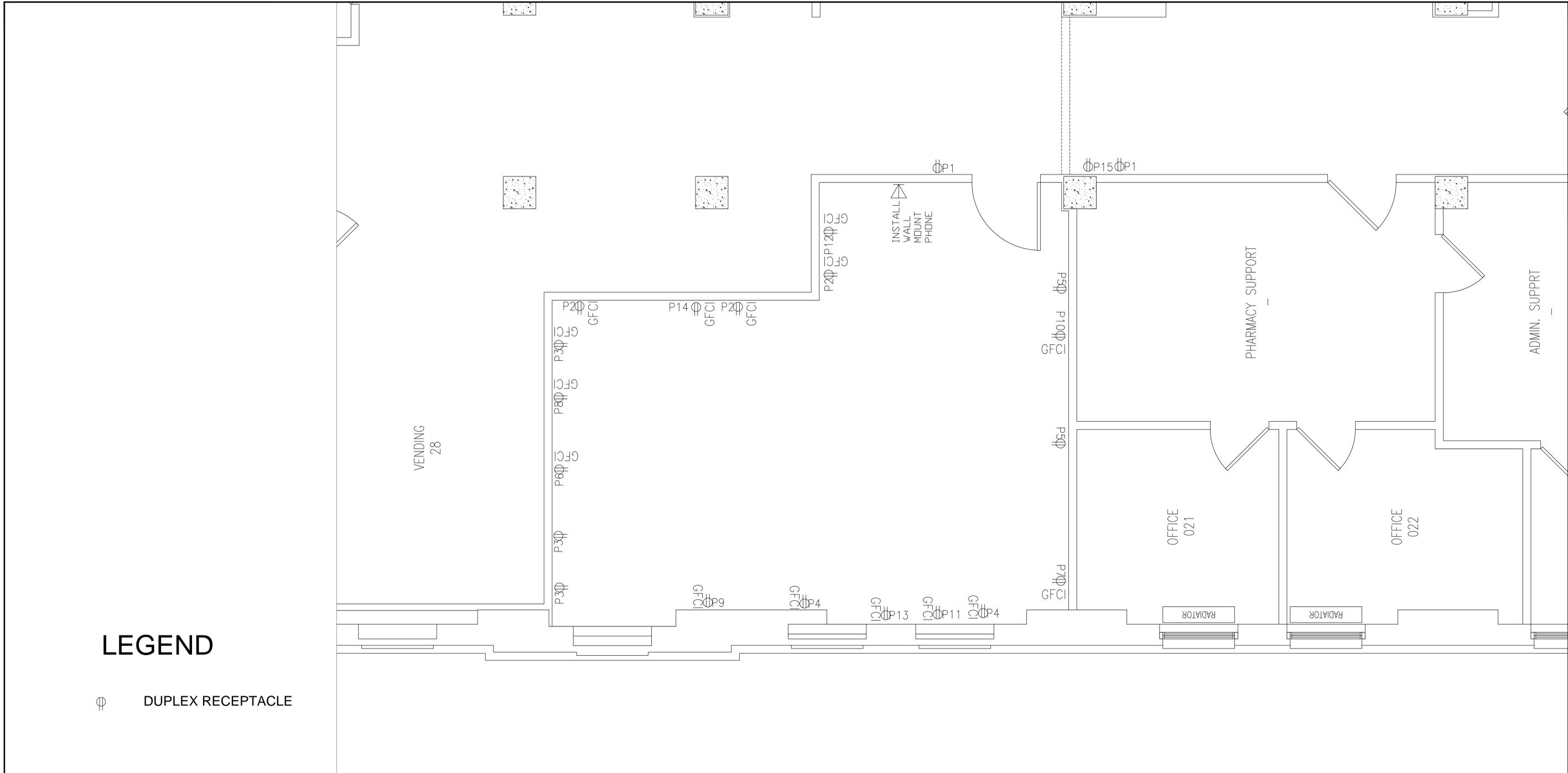
APPROVED:	APPROVED:	APPROVED:	APPROVED:

Project Title	Project Number
LAB RENOVATION	620A4-10-238
Location	Building(s) Number
CASTLE POINT, NEW YORK	18D
Date	Checked
9-7-10	JEF
Drawing Number	
ES-18-1	
	SHEET 16 OF 21

Engineering Service

Department of Veterans Affairs

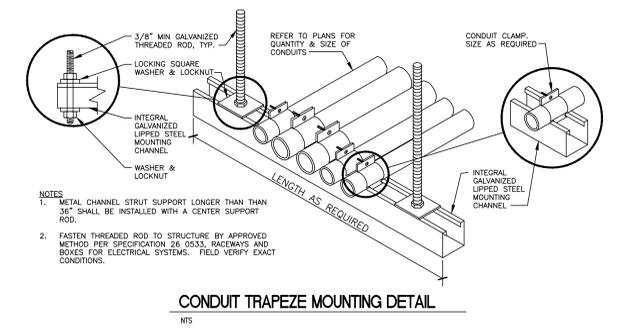
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# LEGEND

⊕ DUPLEX RECEPTACLE

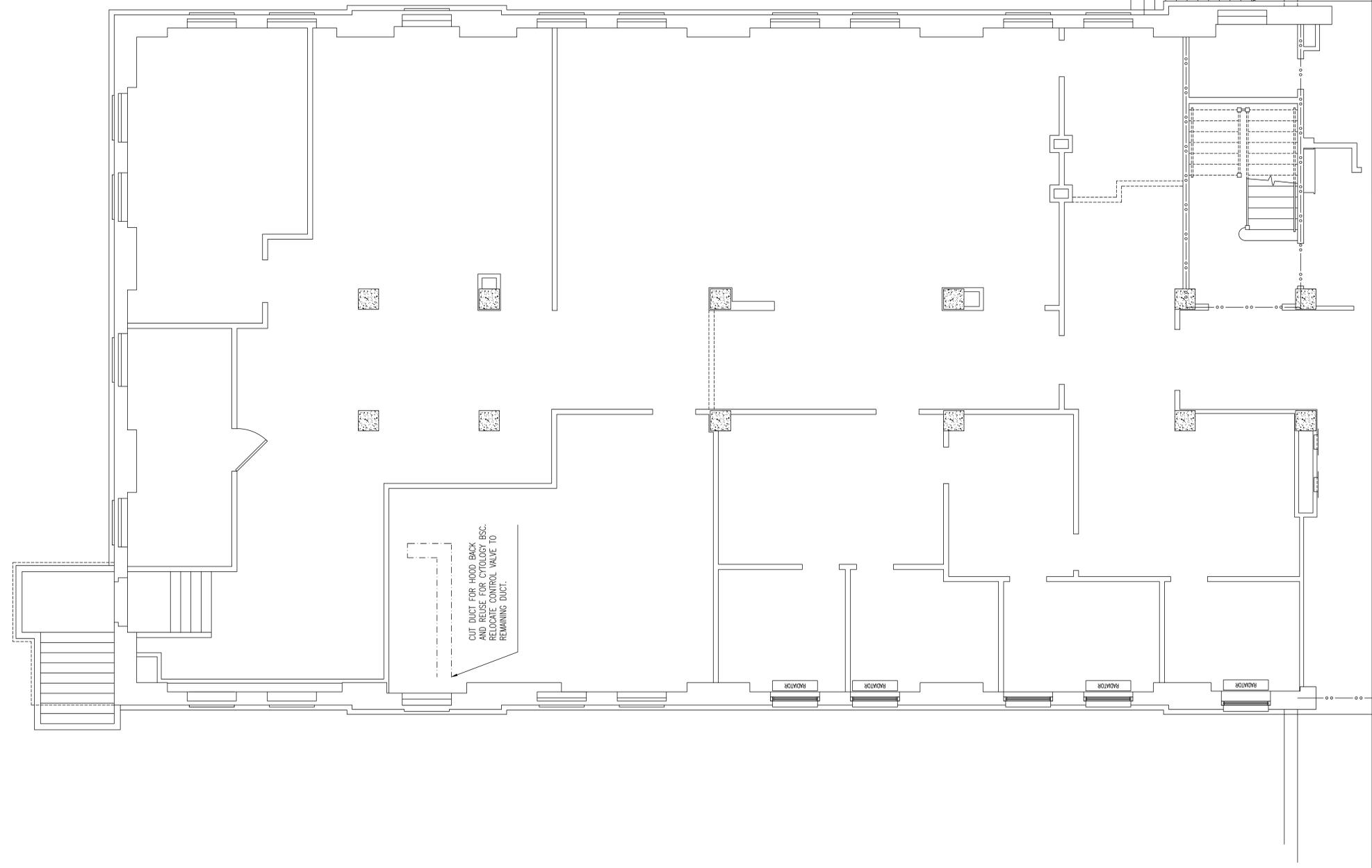
**NOTES:**  
 1. INSTALL OUTLETS FOR RUN P2, P3, P6, P8, P12, P14 AT 42" AFF. ALL OTHERS TO BE INSTALLED AT 18" AFF.



CONSULTANTS:  UPDATED FROM PRELIM REVIEW Revisions:		ARCHITECT/ENGINEERS:  9-7-2010 Date:		NORTH: 		APPROVED: APPROVED: APPROVED: APPROVED: APPROVED:		Drawing Title POWER PLAN GROUND FLOOR 10-1		Project Title LAB RENOVATION		Project Number 620A4-10-238		Engineering Service Department of Veterans Affairs
						Approved Director, VAHVCS		Location CASTLE POINT, NEW YORK		Building(s) Number 18D		Drawing Number ES-18-2		
						Approved Chief of Engineering		Date 9-7-10		Checked Drawn JEF		SHEET 17 OF 21		

# LEGEND

-  EXISTING DUCTWORK
-  CEILING EXHAUST VENT
-  CEILING SUPPLY VENT
-  DUCTWORK TO BE DEMOLISHED

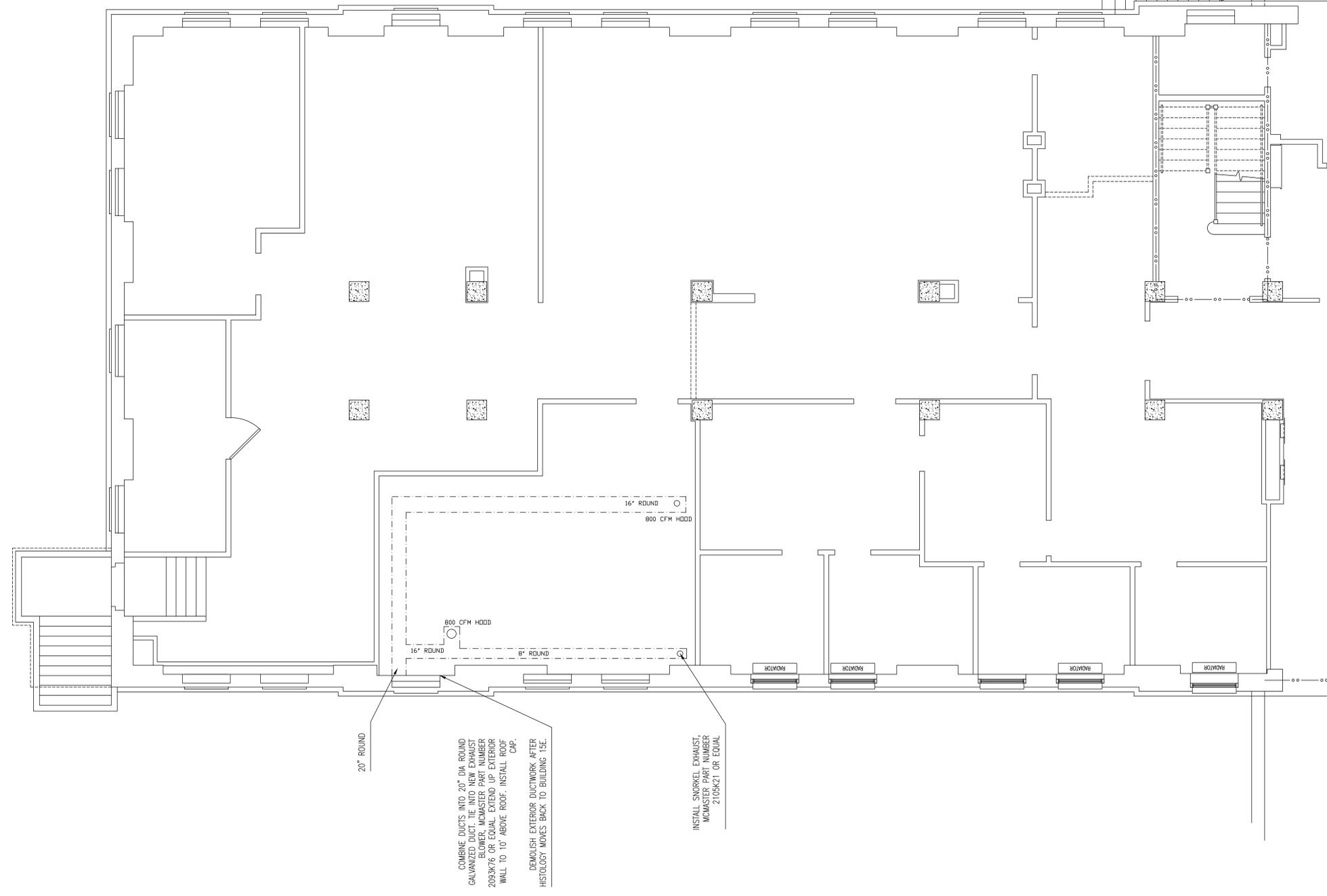


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 one quarter inch = one foot  
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CONSULTANTS:  UPDATED FROM PRELIM REVIEW Revisions:		ARCHITECT/ENGINEERS:  9-7-2010 Date:		NORTH: 		APPROVED:  APPROVED:  APPROVED:  APPROVED:  APPROVED:		Drawing Title MECHANICAL GROUND FLOOR 100E		Project Title LAB RENOVATION		Project Number 620A4-10-238		Engineering Service  Department of Veterans Affairs
						Approved Director, VA/HVCS		Location CASTLE POINT, NEW YORK		Building(s) Number 18D		Drawing Number MH-18-1		
						Approved Chief of Engineering		Date 9-7-10		Checked JEF		SHEET 18 OF 21		

# LEGEND

-  EXISTING DUCTWORK
-  CEILING EXHAUST VENT
-  CEILING SUPPLY VENT
-  NEW DUCTWORK



## NOTES:

1. ALL NEW DUCTWORK TO BE STAINLESS STEEL.
2. HOODS TO BE RECERTIFIED BY BIOMED AFTER INSTALLATION BUT PRIOR TO USE.

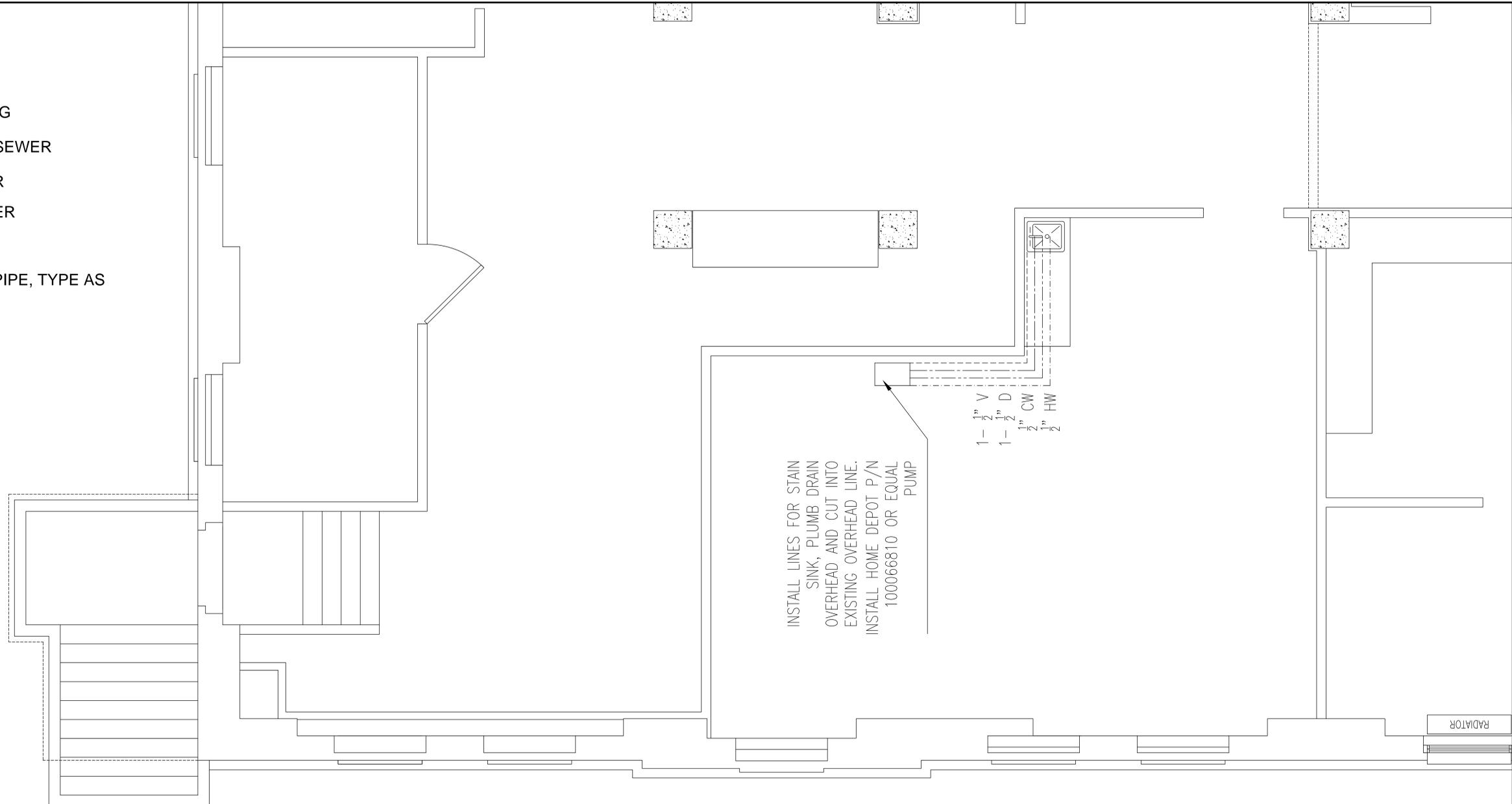
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 one half inch = one foot  
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 one quarter inch = one foot  
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	CONSULTANTS:	ARCHITECT/ENGINEERS:	NORTH: 	APPROVED:	Drawing Title <b>MECHANICAL GROUND FLOOR 10E</b>	Project Title <b>LAB RENOVATION</b>	Project Number 620A4-10-238
				APPROVED:	Approved Director, VAHVCS	Location CASTLE POINT, NEW YORK	Building(s) Number 18D
				APPROVED:	Approved: Chief of Engineering	Date 9-7-10	Drawing Number MH-18-2
UPDATED FROM PRELIM REVIEW	9-7-2010			APPROVED:		Checked	JEF
Revisions:	Date:						SHEET 19 OF 21



# LEGEND

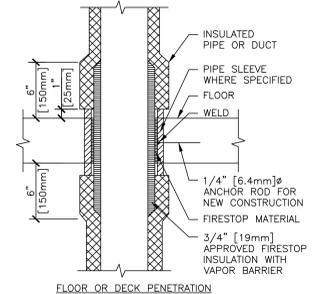
-  VENT PIPING
-  SANITARY SEWER
-  HOT WATER
-  COLD WATER
-  GAS
-  OXYGEN
-  VERTICAL PIPE, TYPE AS NOTED



INSTALL LINES FOR STAIN SINK, PLUMB DRAIN OVERHEAD AND CUT INTO EXISTING OVERHEAD LINE. INSTALL HOME DEPOT P/N 100066810 OR EQUAL PUMP

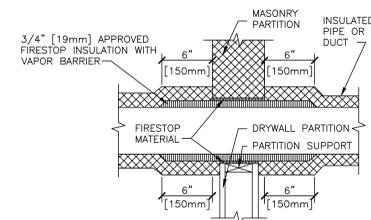
1- 1/2" V  
1- 1/2" D  
1" CW  
1/2" HW

RADIATOR

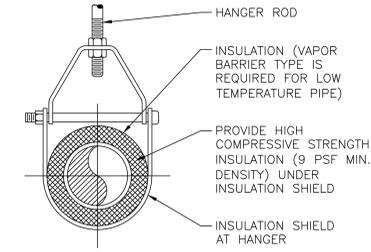


**PIPE/DUCT PENETRATION OF SMOKE/FIRE BARRIERS**  
NTS

NOTE:  
1. APPLICABLE TO PENETRATIONS OF ALL FIRE RATED MEMBRANES, IN ACCORDANCE WITH NFPA 101. REFER TO SPECIFICATIONS SECTION 07 84 00, FIRE STOPPING SYSTEMS.



**PARTITION OR CHASE PENETRATION**  
NTS



**ADJUSTABLE CLEVIS HANGER**  
NTS

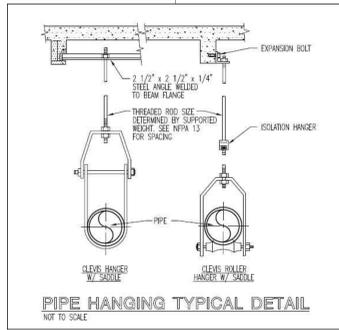
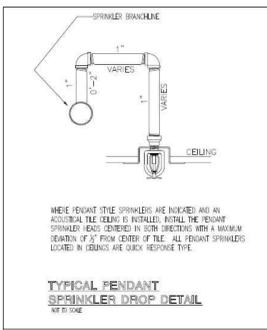
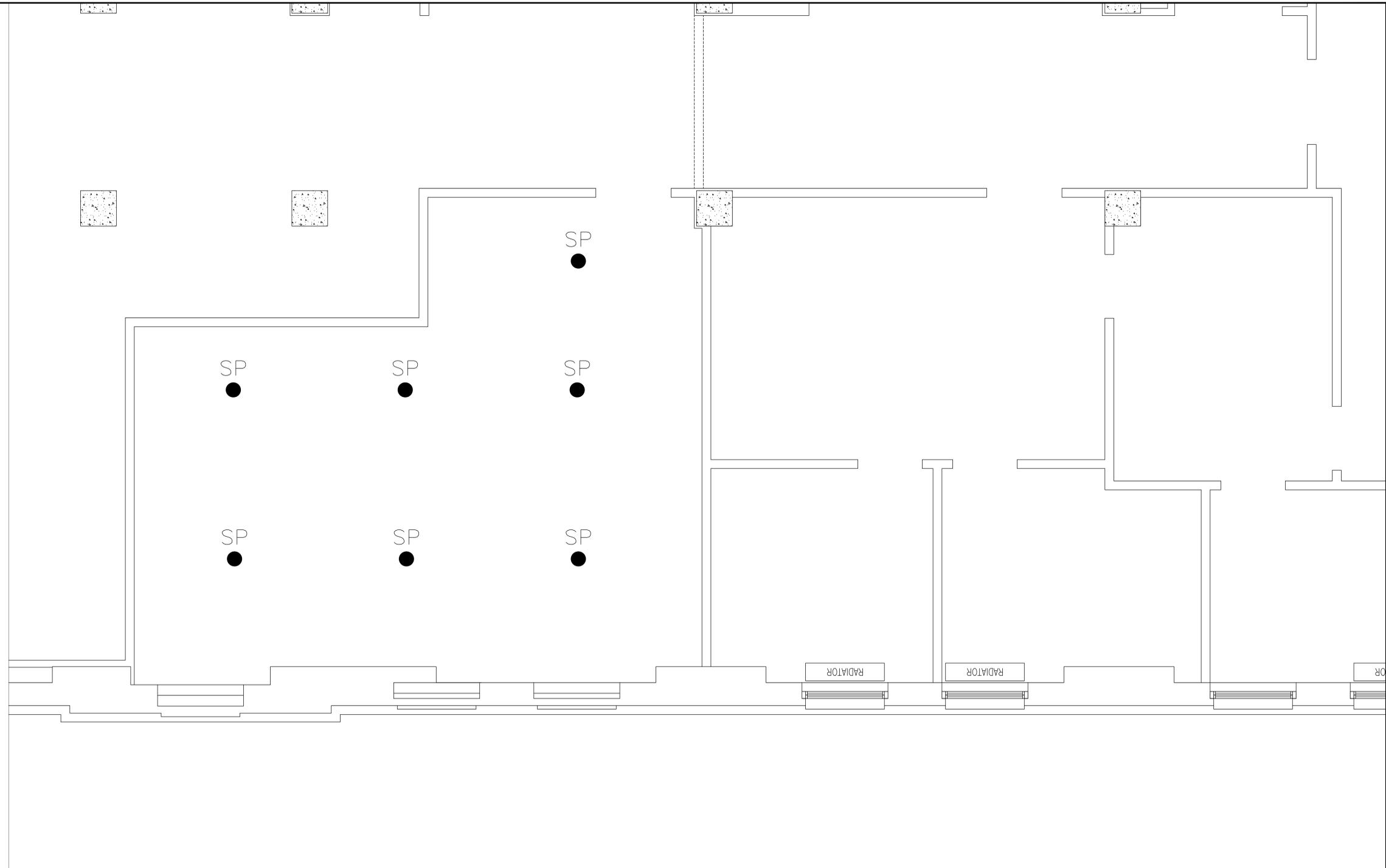
CONSULTANTS:  		ARCHITECT/ENGINEERS:  		NORTH: 		APPROVED:  		Drawing Title <b>PLUMBING</b> <b>GROUND FLOOR</b> <small>WF-1</small>		Project Title <b>LAB RENOVATION</b>		Project Number 620A4-10-238	
APPROVED:  		APPROVED:  		APPROVED:  		APPROVED:  		Approved Director, VAH/HCS		Location <b>CASTLE POINT, NEW YORK</b>		Building(s) Number 18D	
APPROVED:  		APPROVED:  		APPROVED:  		APPROVED:  		Approved Chief of Engineering		Date 9-7-10		Drawing Number <b>PL-18-1</b>	
UPDATED FROM PRELIM REVIEW <small>Revisions</small>		9-7-2010 <small>Date</small>								Checked JEF		SHEET 20 OF 21	

Engineering Service



# LEGEND

SP ● SPRINKLER HEAD, SEMI-RECESSED TYPE



- NOTES:**
1. ALL FIRE PROTECTION WORK WILL BE IN ACCORDANCE WITH NFPA-13 AND NFPA-14.
  2. ALL SPRINKLER HEADS TO BE SEMI-RECESSED QUICK RESPONSE TYPE, 1/2" ORIFICE, 155 F TEMPERATURE RATED.
  3. REPLACE ALL SPRINKLER HEADS IN ROOMS SHOWN. LOCATIONS DO NOT CHANGE.

CONSULTANTS:  		ARCHITECT/ENGINEERS:  		NORTH: 		APPROVED:  		Drawing Title SPRINKLERS GROUND FLOOR 18D		Project Title LAB RENOVATION		Project Number 620A4-10-238		<b>Engineering Service</b> 
UPDATED FROM PRELIM REVIEW Revisions:						APPROVED:  		Approved Director, VAHVCS		Location CASTLE POINT, NEW YORK		Building(s) Number 18D		
9-7-2010 Date						APPROVED:  		Approved Chief of Engineering		Date 9-7-10		Drawing Number FA-18-1		
						APPROVED:  				Checked  		Drawn JEF		