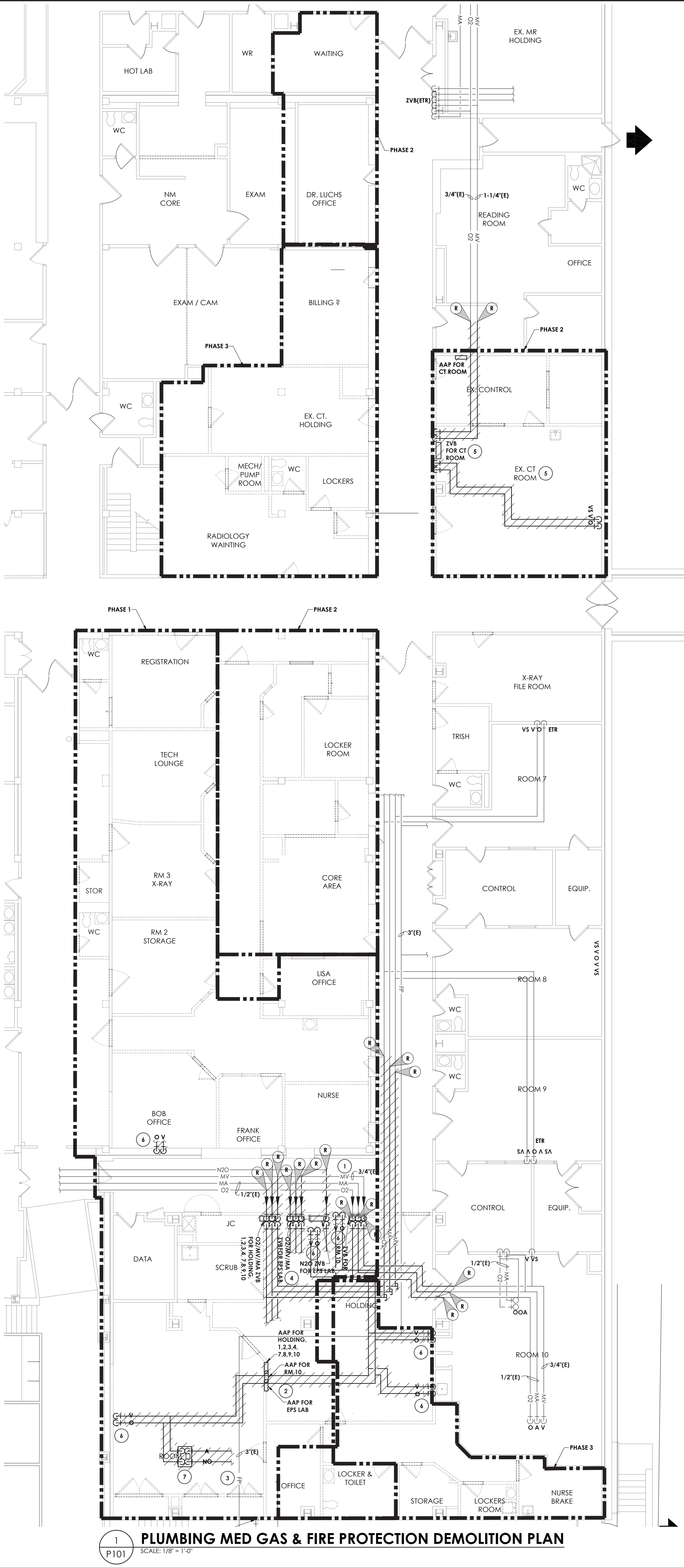




KEY NOTES:

- 1 MEDICAL GAS ZONE VALVES MUST BE REMOVED AND RELOCATED AS INDICATED ON P401. SHUT DOWN MAY IMPACT DEPARTMENTS BEYOND RADIOLOGY. THIS WORK SHALL OCCUR EARLY IN PHASE ONE, AS THE ZONE VALVES FOR HOLDING ROOMS, XRAY 7,8,9 AND 10 MUST STAY ACTIVE DURING CONSTRUCTION. MAINTAIN/PROTECT ALL ETR MEDICAL GAS PIPING THROUGH CONSTRUCTION AREA.
- 2 AREA ALARM PANELS MUST BE REMOVED AND RELOCATED AS INDICATED ON P401. A TEMPORARY LOCATION WILL BE REQUIRED FOR AREA ALARMS WHILE PHASE 1 CONSTRUCTION IS OCCURRING. TEMP LOCATION IS SHOWN ON THIS PLAN. FINAL LOCATION IS SHOWN ON P401.
- 3 MAINTAIN SPRINKLER MAIN/BRANCH PIPING THROUGH CONSTRUCTION SPACE. PIPING MUST BE COORDINATED AND SHIELDED TO COORDINATE WITH NEW MRI EQUIPMENT BEING INSTALLED IN THIS LOCATION. REMOVE ANY EXISTING SPRINKLERS WITHIN CONSTRUCTION DEMOLITION AREAS.
- 4 DEMO MEDICAL GAS OUTLETS AND ASSOCIATED BRANCH PIPING IN EXISTING HOLDING AREA.
- 5 DEMO MEDICAL GAS OUTLETS AND ASSOCIATED BRANCH PIPING IN EXISTING CT ROOM. REMOVE EXISTING CT ROOM ZVB.
- 6 REMOVE EXISTING O2 AND MED VAC OUTLETS.
- 7 MEDICAL GAS IN CEILING TO BE REMOVED. REMOVE PLUMBING BACKFLOW ZONE VALVE (EPS LAB).

GENERAL SPECIFICATION NOTES:

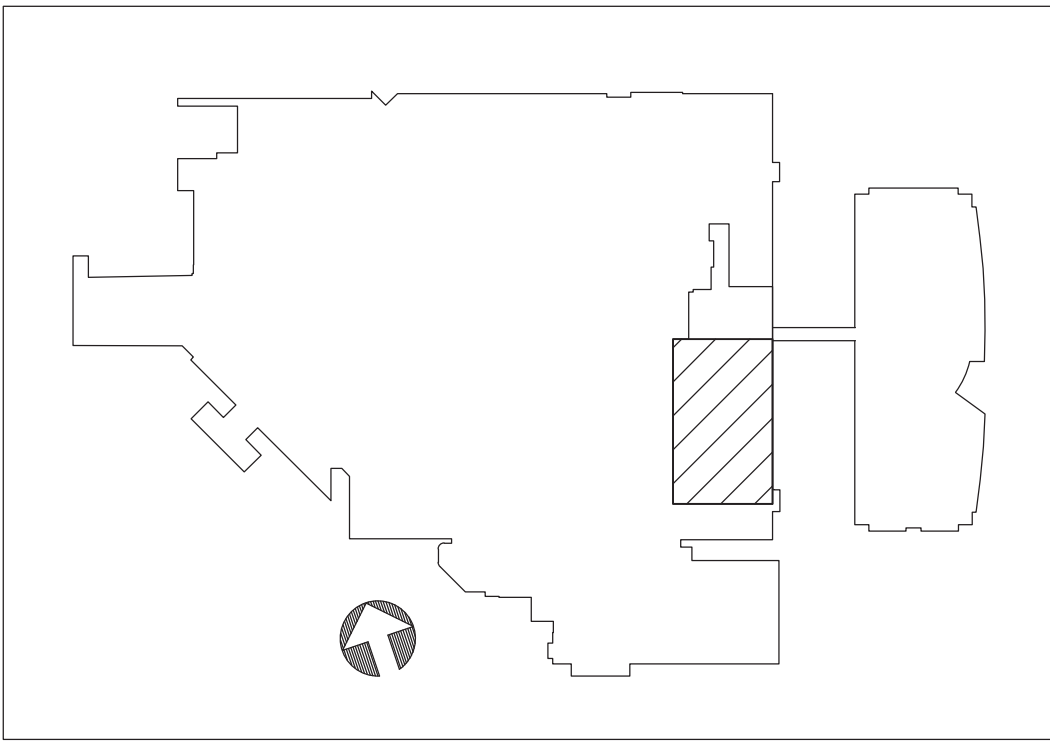
- A. ALL WORK SHALL COMPLY WITH LOCAL CODES, STATE CODES AND AUTHORITY HAVING JURISDICTION.
- B. DOMESTIC WATER LINES SHALL BE TYPE L COPPER, LEAD FREE JOINTS. INSULATE ALL PIPING WITH PREFORMED FIBERGLASS PIPE INSULATION WITH ASJ COVER SIZED PER ENERGY CODE. ALL FITTINGS AND VALVES TO BE COVERED WITH PREFORMED PVC FITTING COVERS. ALL EXPOSED VERTICAL FIXTURE SUPPLY LINES TO BE COVERED WITH PVC JACKET TO 7' ABOVE FINISHED FLOOR.
- C. SANITARY AND STORM PIPING SHALL BE SERVICE WEIGHT CAST IRON BELOW GRADE HUB-SPIGOT AND ABOVE GRADE HEAVY DUTY NO-HUB CLAMPS. VENT PIPING SHALL BE COPPER WITH DWV COPPER FITTINGS.
- D. MEDICAL GAS PIPING SHALL BE TYPE L COPPER, SEAMLESS DRAWN TEMPER THAT HAS BEEN MANUFACTURER CLEANED, PURGED AND SEALED FOR MEDICAL GAS SERVICE. MEDICAL GAS EQUIPMENT SHALL BE INSTALLED PER NFPA AND ENGAGE THIRD PARTY CERTIFIER FOR FINAL CERTIFICATION.
- E. SPRINKLER PIPING AND DRAIN RISER PIPING 2" AND SMALLER SHALL BE SCHEDULE 40, COATED BLACK STEEL WITH THREADED FITTINGS AND CONNECTIONS. STANDPIPE AND SPRINKLER PIPING 2 1/2" AND LARGER SHALL BE SCHEDULE 10 COATED BLACK STEEL WITH GROOVED MECHANICAL FITTINGS AND CONNECTIONS.
- F. STORM PIPING WILL NEED TO BE EXTENDED THRU FLOOR NEW ROOF AND NEW ROOF DRAINS. SECONDARY ROOF DRAINS WILL BE INSTALLED TO DAYLIGHT AT SIDE WALL BELOW ROOF DECK.
- G. ALL PIPING AND CONDUIT PENETRATIONS THRU RATED WALLS OR FLOORS SHALL BE PROVIDED WITH FIRE/SMOKE STOPPING.
- H. DOMESTIC WATER RISERS AND MEDICAL RISERS WILL NEED TO EXTEND TO FLOOR ABOVE. MEDICAL GAS RISERS SHALL HAVE LOCKABLE RISER VALVES.
- I. SANITARY VENTS, VACUUM EXHAUST AND MEDICAL AIR INTAKES WILL NEED TO BE EXTEND THRU NEW ROOF. INSTALL EXHAUSTS AND VENT AWAY FROM HVAC INTAKES AND AIR INTAKE PIPING AWAY ANY BUILDING EXHAUSTS.
- J. COMPRESSED AIR PIPING SHALL BE SCH. 40 BLACK STEEL PIPE WITH THREADED CONNECTIONS AND WROUGHT THREADED FITTINGS. SIZES 2 1/2" AND LARGER SHALL BE WELDED WITH WELDED FITTINGS.
- L. UNLESS SHOWN ON THE ARCHITECTURAL DRAWINGS, IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO PATCH AND FINISH ALL EXISTING PIPE PENETRATIONS AND TRENCHING THRU FLOOR AND WALLS AFTER DEMOLITION. IN ADDITION, ALL NEW PENETRATIONS AND TRENCHING SHALL BE PROVIDED FOR INSTALLATION OF PLUMBING SYSTEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, PIPING, ETC.
- J. UNLESS OTHERWISE INDICATED ON PLANS, PROVIDE WATER HAMMER ARRESTORS ON BRANCH PIPING TO EACH TOILET ROOM, LAUNDRY ROOM, SOLENOID VALVE, OR AS OTHERWISE REQUIRED BY CODE.

PIPING LEGEND

CW	COLD WATER
HW	HOT WATER
HWR	HOT WATER RECIRCULATING
SAN	SANITARY SEWER
AW	ACID WASTE
IW	INDIRECT WASTE
ST	PRIMARY STORM
ST2	SECONDARY STORM
CA	COMPRESSED AIR
O2	OXYGEN
LO2	LIQUID OXYGEN
N2	NITROGEN
N2O	NITROUS OXIDE
CO2	CARBON DIOXIDE
VA	VACUUM
VPD	VACUUM PUMP DISCHARGE
MV	MEDICAL VACUUM
FP	FIRE PROTECTION/SPRINKLER
V	VENT
AV	ACID WASTE VENT
GV	GAS VENT
	PLUMBING TO BE REMOVED

FIXTURES & FITTINGS LEGEND

	ELBOW - TURNED UP
	ELBOW - TURNED DOWN
	PIPE CAP
	UNION
	BALL VALVE
	BALANCING VALVE
	CHECK VALVE
	BUTTERFLY VALVE
	FLOW SWITCH
	PRESSURE SWITCH
	AQUASTAT
	PRESSURE GAUGE
	THERMOMETER
	STRAINER
	INLINE PUMP
	WATER HAMMER ARRESTER
	SPRINKLER HEAD
	POINT OF CONNECTION
	POINT OF REMOVAL



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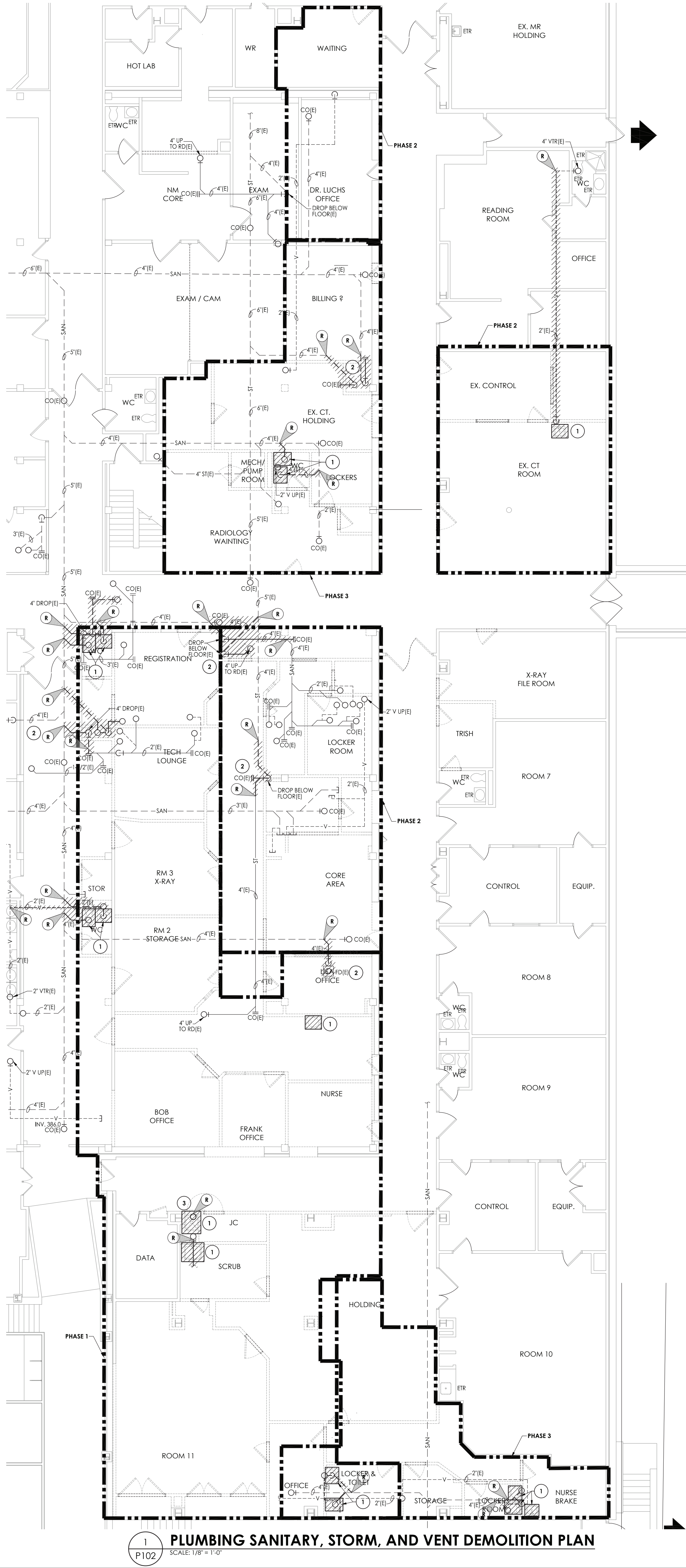
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SHEET TITLE
PLUMBING MED GAS & FIRE PROTECTION DEMOLITION PLAN

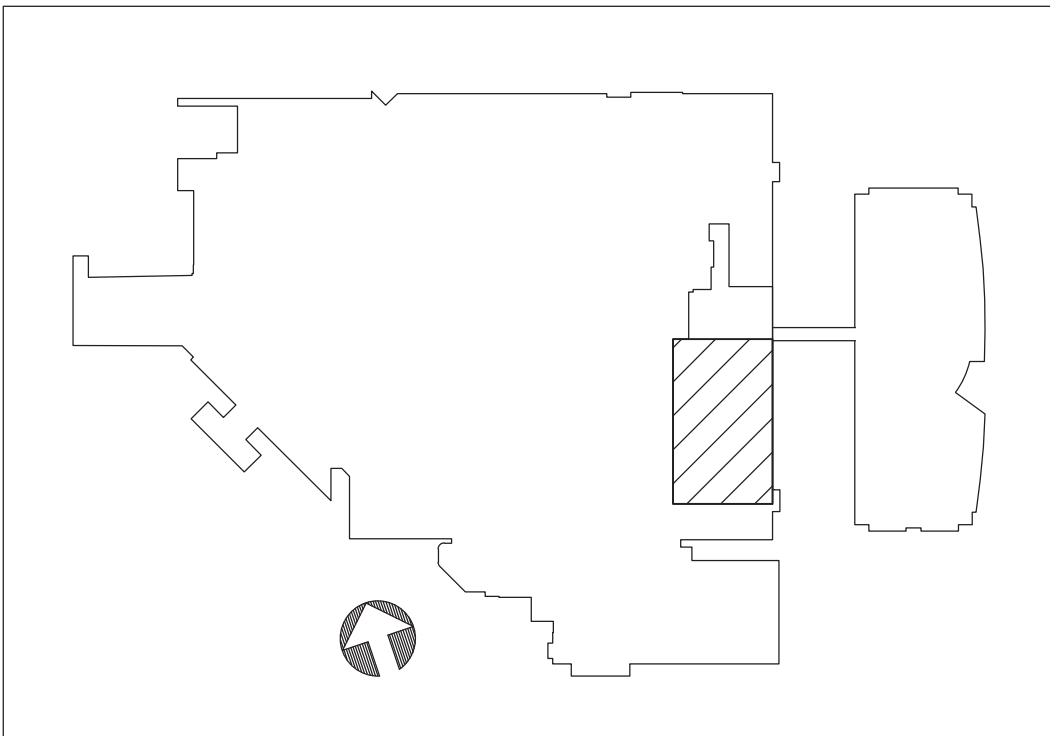
PROJECT NUMBER
15068.00

P
101
DRAWING NUMBER

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- KEY NOTES:
- 1 REMOVE EXISTING FIXTURES. CAP DOMESTIC WATER AND VENT ABOVE CEILING AT NEAREST LIVE MAIN. LEAVE NO DEAD END BRANCH PIPING. CAP SANITARY BELOW FLOOR.
 - 2 RELOCATE EXISTING 4" SANITARY AND STORM LEADER TO NEW WALL/CHASE. REFER TO P201 FOR NEW WORK.
 - 3 DRAIN PIPE WITH VALVE TO MOP SINK MUST RELOCATE ABOVE CEILING TO NEW MOP RECEPTOR. REFER TO P201 FOR NEW WORK.





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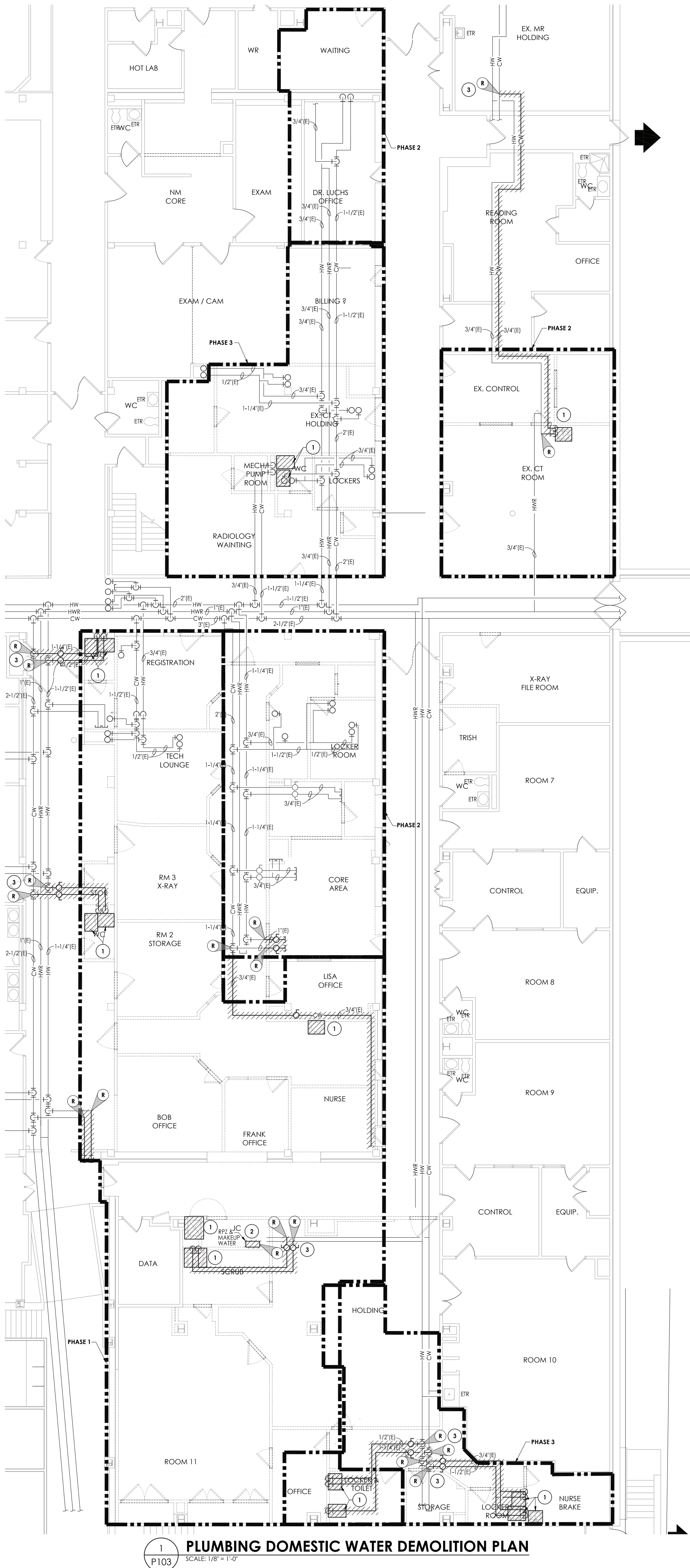
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3/9/2021	KAB	JJW

SCALE AS SHOWN

SHEET TITLE
PLUMBING SANITARY,
STORM AND VENT
DEMOLITION PLAN

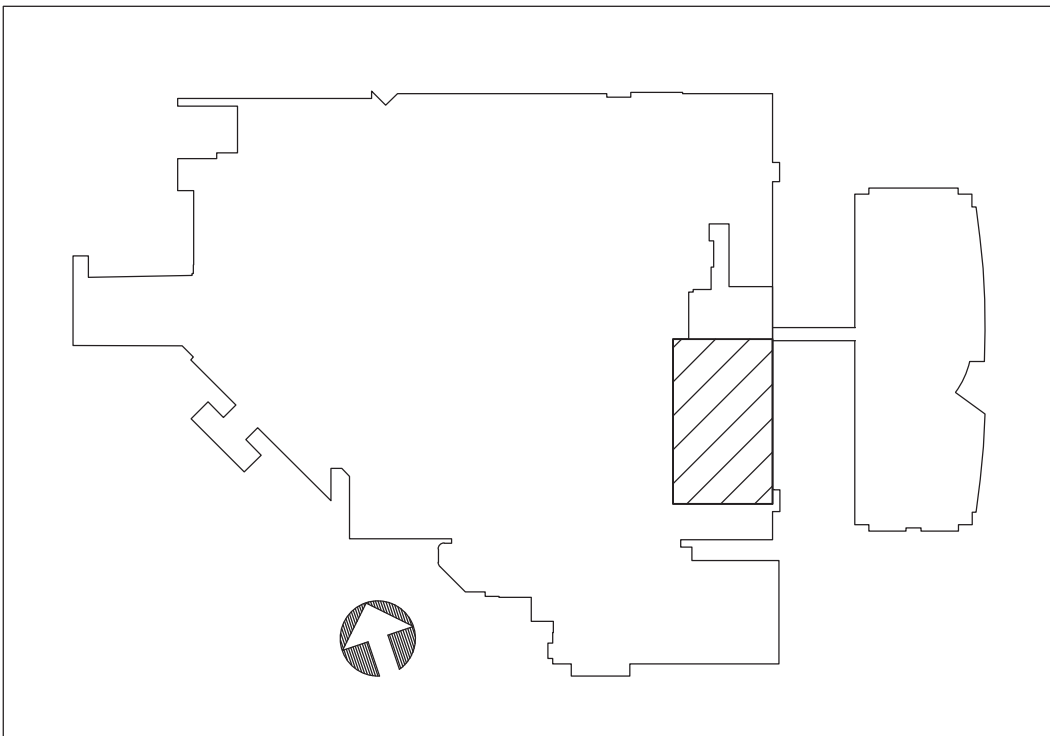
PROJECT NUMBER 15068.00
P 102
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IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

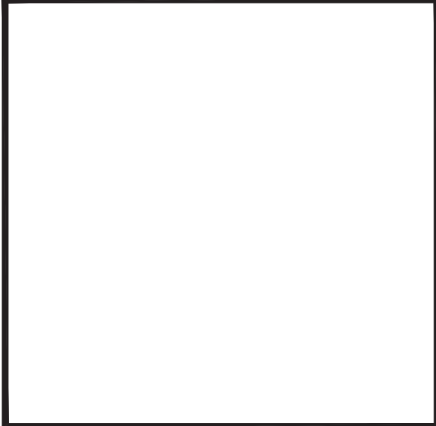


KEY NOTES:

- 1 REMOVE EXISTING FIXTURES. CAP DOMESTIC WATER AND VENT ABOVE CEILING AT NEAREST LIVE MAIN.
- 2 RELOCATE EXISTING RPZ/PRV MAKEUP WATER SUPPLY TO INDICATED AREA ON P301.
- 3 CAP AT NEAREST LIVE MAIN. NO DEAD END PIPING.



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SCALE	AS SHOWN	
SHEET TITLE		
PLUMBING DOMESTIC WATER DEMOLITION PLAN		

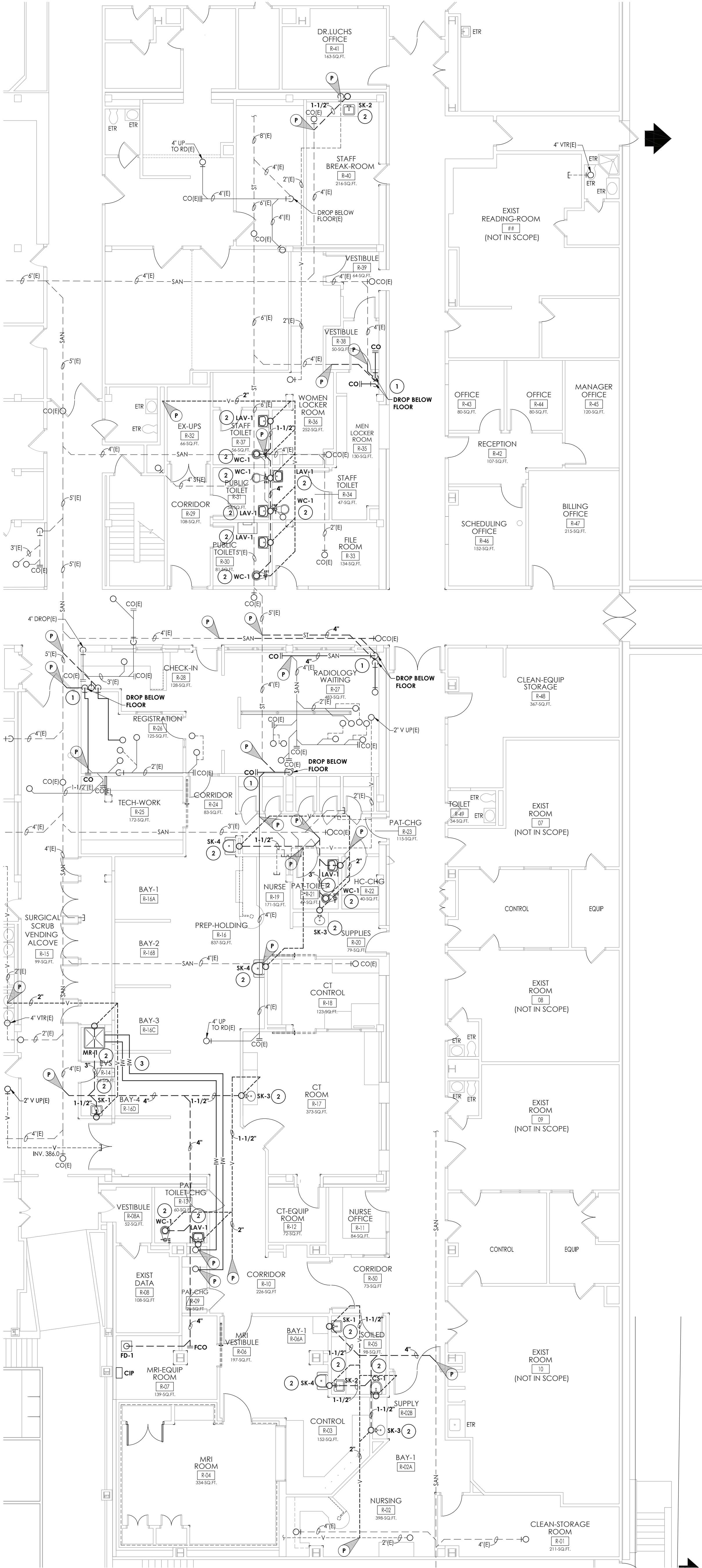
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PREP. AREA BAY 1 R-16A, BAY 2 R-16B, BAY 3 R-16C, BAY 4 R-16D AND PREP/RECOVERY R-02 ARE BEING UPDATED TO INCLUDE PHILIPS AMBIENT LIGHTING PACKAGE; A BIDDING ADDENDUM WILL BE ISSUED.



- KEY NOTES:
1. RELOCATE 4" SANITARY AND/OR STORM LEADER INTO NEW CHASE. EXTEND PIPING ABOVE CEILING AND BELOW FLOOR TO RECONNECT TO EXISTING PIPING.
 2. PROVIDE NEW FIXTURE. CONNECT TO EXISTING UNDERSLAB SANITARY AND OVERHEAD VENT BRANCHES. FLOOR TRENCHING WILL BE REQUIRED.
 3. RELOCATE EXISTING DRAIN VALVES TO NEW MOP SINK. DISCHARGE INDIRECTLY.

PLUMBING EQUIPMENT & FIXTURE SCHEDULE									
MARK	FIXTURE	CW	HW	SAN	V	GAS	DESCRIPTION	MODEL NUMBER	REMARKS
WC-1	WATER CLOSET, ACCESSIBLE	1"	-	3"	2"	-	FLOOR MOUNT WATER CLOSET, ELONGATED BOWL FLUSH VALVE, INSTALLED AT ACCESSIBLE HEIGHT WITH FLUSH VALVE HANDLE ON OPEN SIDE	AMERICAN STANDARD MADERA 3341.001 PV-1: SLOAN 186-12B GPF	1
LAV-1	LAVATORY, ACCESSIBLE	1/2"	1/2"	1 1/2"	1 1/2"	-	WALL HUNG LAVATORY, CONCEALED ARM CARRIER, 18"x20" 1/2" GOOSE NECK FAUCET, 0.5 LAMINAR ACCESSIBLE HEIGHT, TRAPS AND SUPPLIES INSULATED WITH TRIBURO BRAND HAND-LAY GUARD	AMERICAN STANDARD 0356.015 LP-1: CHICAGO 786-GH2AFCEI ABCP 0.5 LAMINAR FLOW IN BASE OF SPOUT GRID STRAINER	1
SK-1	SINK, ACCESSIBLE	1/2"	1/2"	1 1/2"	1 1/2"	-	WALL HUNG LAVATORY, CONCEALED ARM CARRIER, 18"x20" 1/2" GOOSE NECK FAUCET, 1.5 LAMINAR ACCESSIBLE HEIGHT, TRAPS AND SUPPLIES INSULATED WITH TRIBURO BRAND HAND-LAY GUARD	AMERICAN STANDARD 0356.015 SP-1: CHICAGO 786-GH2AFCEI ABCP 1.5 LAMINAR FLOW IN BASE OF SPOUT GRID STRAINER	1
SK-2	SINK	1/2"	1/2"	1 1/2"	1 1/2"	-	COUNTER MOUNT SINGLE BOWL, STAINLESS STEEL, DEEP SINK, OD 22"x25", ID 16"x22", 10 1/2" DEEP, GOOSENECK FAUCET WITH WRISTBLADES	JUST MANUFACTURING SUX-2125-16 GR SF-2: CHICAGO FAUCET 786-GH8FCXABCP JUST 2-35 CUP STRAINER	
SK-3	SINK, ACCESSIBLE	1/2"	1/2"	1 1/2"	1 1/2"	-	COUNTER MOUNT SOLID SURFACE INTEGRAL W/ MILLWORK SINK, OD 18"x20", ID 11-1/2"x16", 6" DEEP, GOOSENECK FAUCET WITH WRISTBLADES	SINK BOWL - REFER TO ARCH PLANS/SPCS. SF-2: CHICAGO FAUCET 786-GH8FCXABCP	
SK-4	SINK, ACCESSIBLE	1/2"	1/2"	1 1/2"	1 1/2"	-	SEMI-COUNTERTOP SINK, CONCEALED ARM CARRIER, 21-1/2"x22" GOOSE NECK FAUCET, MOUNTED AT ACCESSIBLE HEIGHT, TRAPS AND SUPPLIES INSULATED WITH TRIBURO BRAND HAND-LAY GUARD	AMERICAN STANDARD 9940.803 SF-2: CHICAGO FAUCET 786-GH8FCXABCP	
CS-1	CLINICAL SINK	1"	1/2"	4"	2"	-	WALL MOUNTED, VITREOUS CHINA, BLOW-OUT FLUSHING, WALL MOUNTED 8" BODY, ADJUSTABLE ARMS, VACUUM BREAKER, WALL MOUNTED PEDAL VALVE BED PAN CLEANER W/ 40' HOSE AND MANUAL FLUSH VALVE 6.5 GPM	AMERICAN STANDARD 9512999.020 SF-3: CHICAGO FAUCET 814CR20246 SF-4: CHICAGO FAUCET 910-G80ACP SF-2: SLOAN ROYAL 117-6.5	
FD-1	FLOOR DRAIN	-	-	-	2"	-	FLOOR DRAIN, 8" ROUND NICKEL BRONZE STRAINER, CAST IRON BODY, DEEP SEAL P TRAP	JOSAM 30000-A	2
HB-1	HOSE BIBB	3/4"	-	-	-	-	KEY OPERATED, MODERATE CLIMATE, CONCEALED OUTLET, FLUSH MOUNTING BOX WITH COVER, INTEGRAL VACUUM BREAKER WITH HOSE CONNECTION	ZURN Z1350	
EW-1	ELECTRIC WATER COOLER B-LEVEL, ACCESSIBLE	1/2"	-	2"	1 1/2"	-	B-LEVEL ELECTRIC WATER COOLER, MOUNTED AT ACCESSIBLE HEIGHT, FRONT PUSH PADS, FILTER WATER AND BOTTLE FILLER	ELKAY LZ1LBWSK	1
MR-1	MOP RECEPTOR	3/4"	3/4"	3"	1 1/2"	-	FLUSH TO WALL, FLOOR MOUNTING, PRECAST TERRAZZO BASIN WITH RIM GUARD, 30"x36" SQUARE, 12" HIGH, WALL MOUNT FAUCET WITH PAIL HOOK & WALL BRACE 30' LONG HOSE, HOSE BRACKET, MOP HANGER	ACORN T24-24-33C SF-2: CHICAGO FAUCET 897-RCF	

REMARKS

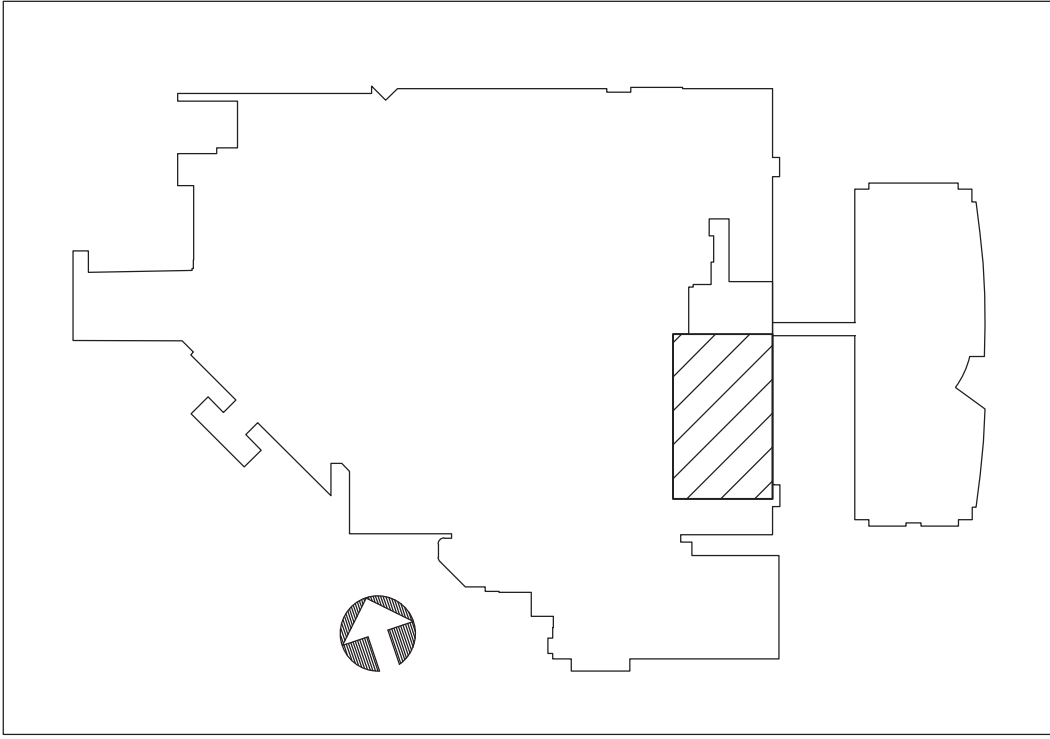
1. ALL ACCESSIBLE EQUIPMENT/FIXTURES TO BE INSTALLED PER ADA REQUIREMENTS.

2. SIZED PER PLAN.

GENERAL PLUMBING EQUIPMENT & FIXTURE COMMENT

A. PLUMBING CONTRACTOR SHALL PROVIDE ALL RISERS, CARRIERS, P-TRAPS, STOPS, STRAINERS, TAIL PIECES, DRAINS, ETC. REQUIRED TO HAVE A COMPLETE INSTALLATION.

B. ALL EQUIPMENT/FIXTURES NOT USED IN ALL SCHOOLS.



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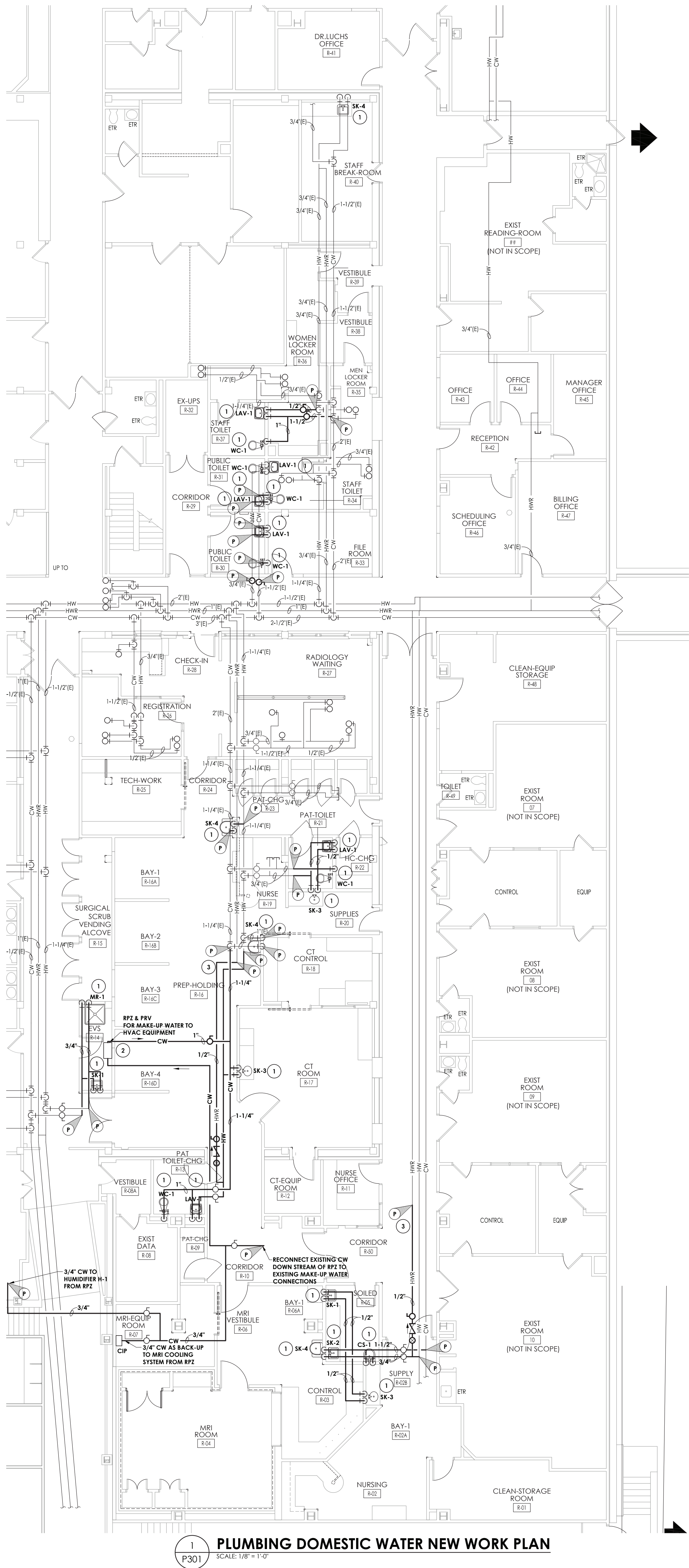
DATE	DRAWN	CHECKED
3/9/2021	KAB	JJW
SCALE	AS SHOWN	
SHEET TITLE		
PLUMBING SANITARY, STORM AND VENT NEW WORK PLAN		

PROJECT NUMBER
15068.00

P
201

DRAWING NUMBER

PREP. AREA BAY 1 R-16A, BAY 2 R-16B, BAY 3 R-16C, BAY 4 R-16D AND PREP/RECOVERY R-02 ARE BEING UPDATED TO INCLUDE PHILIPS AMBIENT LIGHTING PACKAGE; A BIDDING ADDENDUM WILL BE ISSUED.



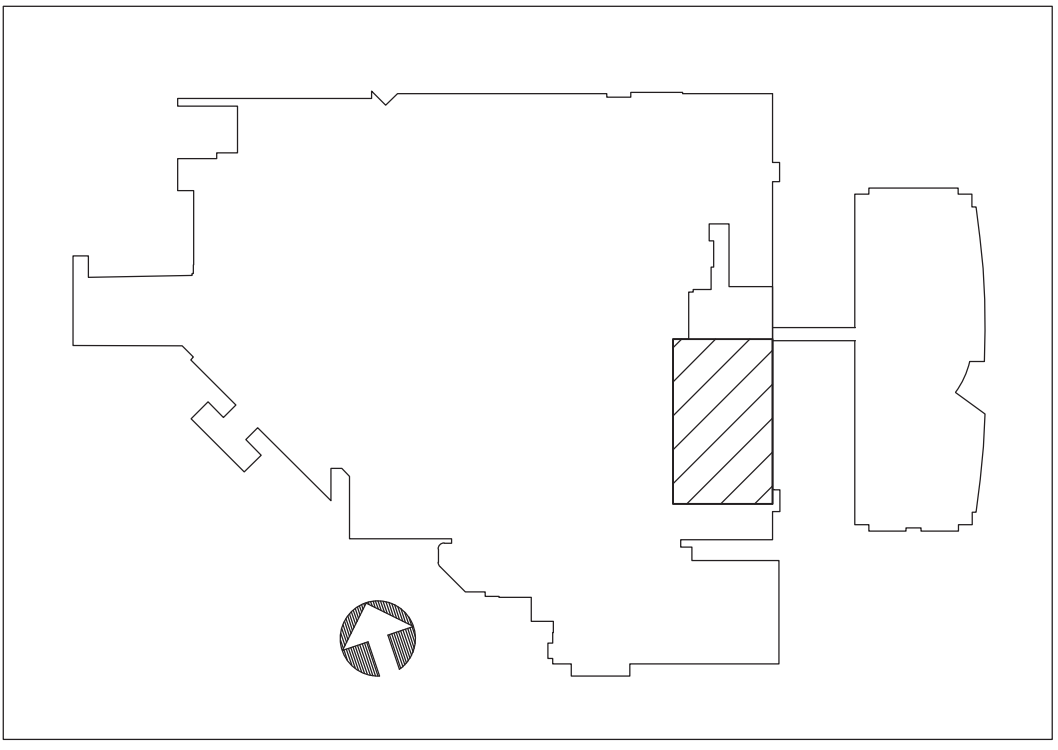
1 PLUMBING DOMESTIC WATER NEW WORK PLAN
P301 SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. ALL NEW FIXTURES THAT REQUIRE DOMESTIC HW SHALL BE WITHIN 10' OF CIRCULATING MAIN.

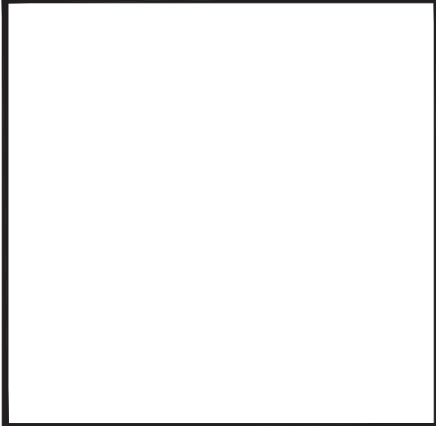
KEY NOTES:

- 1 PROVIDE NEW FIXTURE. CONNECT TO EXISTING CW AND HW MAINS.
2 RELOCATE RPZ/PRV FROM EXISTING JANITORS CLOSET TO NEW LOCATION. MOUNT HIGH ON WALL. DISCHARGE RPZ DRAIN INDIRECTLY TO MOP SINK. RECONNECT TO INDICATED AREA.
3 EXTEND EXISTING WATER MAINS TO NEW FIXTURES. EXTEND EXISTING HOT WATER AND RETURN LOOP PIPING AS INDICATING. RE-BALANCE TO ENSURE FLOW TO ALL NEW AND EXISTING FIXTURES.



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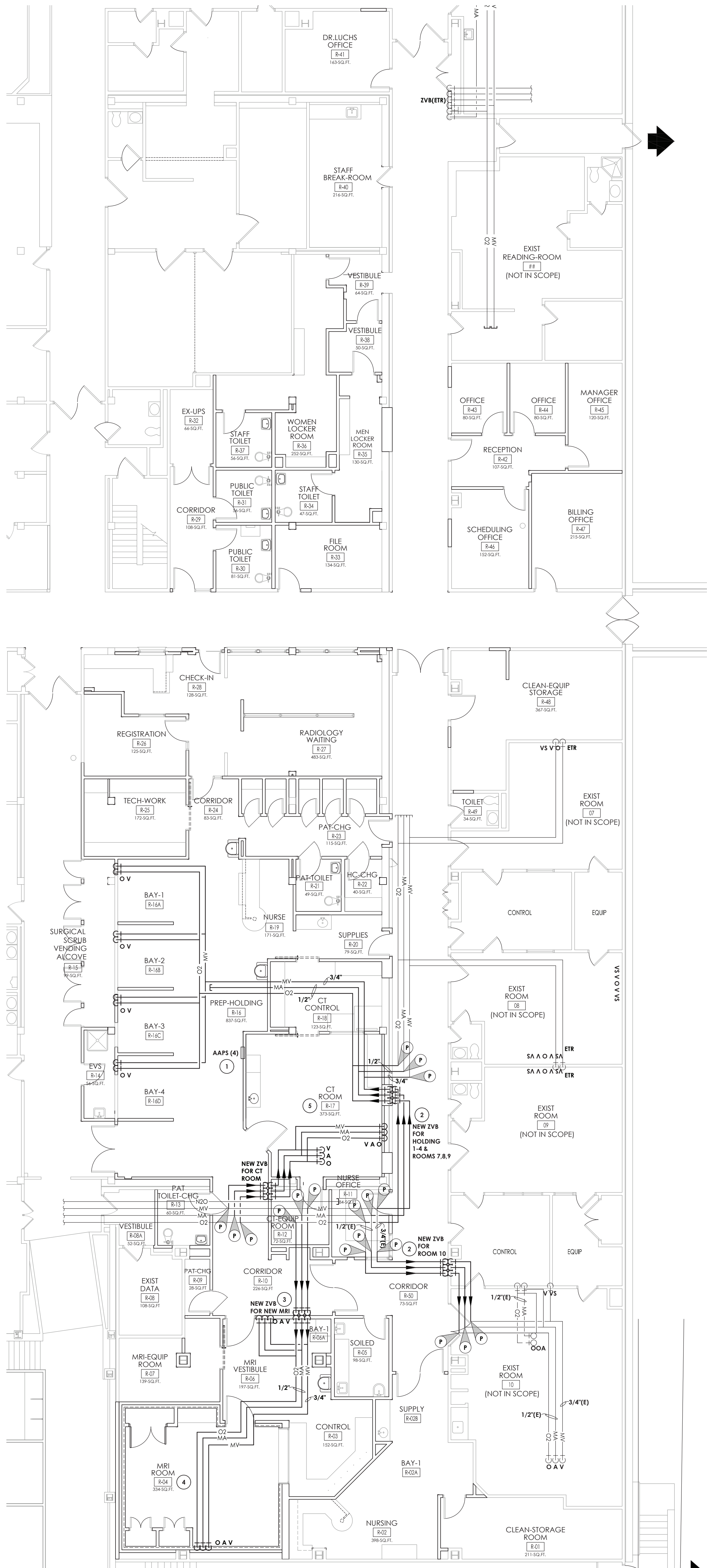
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PLUMBING DOMESTIC WATER NEW WORK PLAN				

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P 301
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Drawing Name: S:\Projects\Philips Health\GSH New CT Room\06 CAD\AutoCAD\PLUMB\PA P401.dwg Date last accessed: 3/6/2021 1:05: AM Date last plotted: 3/6/2021 10:23 AM Plotted By: Katelyn Bender

PREP. AREA BAY 1 R-16A, BAY 2 R-16B, BAY 3 R-16C, BAY 4 R-16D AND PREP/RECOVERY R-02 ARE BEING UPDATED TO INCLUDE PHILIPS AMBIENT LIGHTING PACKAGE; A BIDDING ADDENDUM WILL BE ISSUED.



GENERAL NOTES:

1. ALL MEDICAL GAS EQUIPMENT SHALL BE COMPATIBLE WITH OWNER STANDARDS: BEACON MEDAES SERIES B.

KEY NOTES:

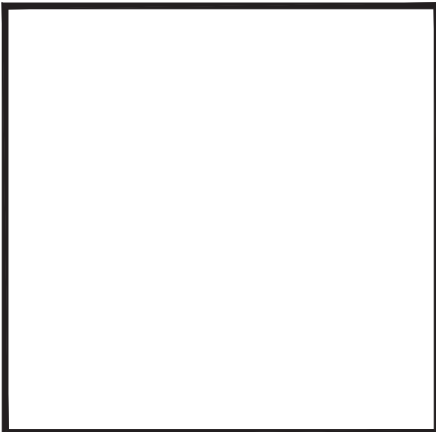
1. RELOCATE AAP FOR ROOM #10 AND PROVIDE NEW AAP PANELS FOR THE 1,2,3,4,7,8,9 ZONE AND THE NEW MRI AND CT ZONES. AREA ALARM PANEL MUST READ SIGNALS FOR THE FOUR ZONES, 3 GASES EACH, TOTAL 12 SIGNALS.
2. RELOCATE ZONE VALVES FOR ROOM #10 AND FOR ZONE FOR ROOMS 1,2,3,4,7,8,9 AS INDICATED. OPEN AND PATCH EXISTING WALLS AS REQUIRED. COORDINATE WITH GC.
3. PROVIDE NEW ZONE VALVE (1/2" O2, 1/2" MA AND 3/4" MV) FOR NEW MRI ROOM.
4. PROVIDE NEW WALL OUTLETS FOR O2, MA, AND MV IN MRI ROOM. ALL EQUIPMENT AND PIPING MUST BE LISTED FOR USE IN AN MRI SPACE. COORDINATE LOCATION AND PIPE PASS THRU WITH ARCHITECTURAL AND PHILIPS SHIELDING PLANS.
5. PROVIDE NEW WALL OUTLETS FOR O2, MA AND MV IN CT ROOM FROM NEW ZONE VALVE.



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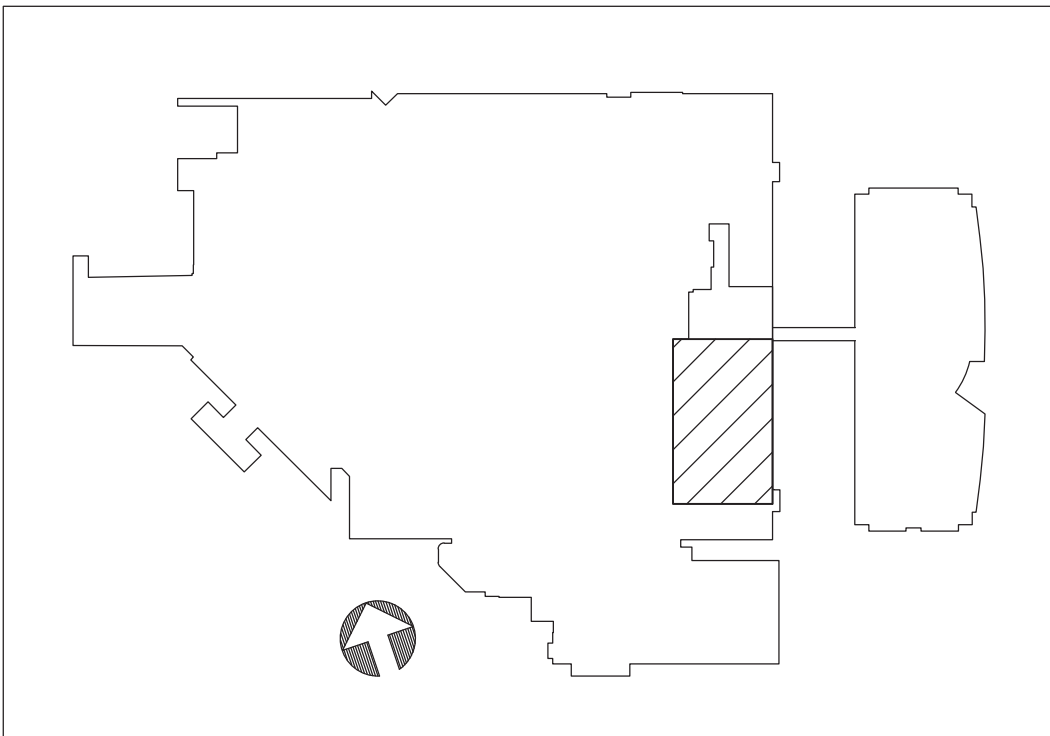
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SCALE	AS SHOWN	
SHEET TITLE		
PLUMBING MEDICAL GAS NEW WORK PLAN		

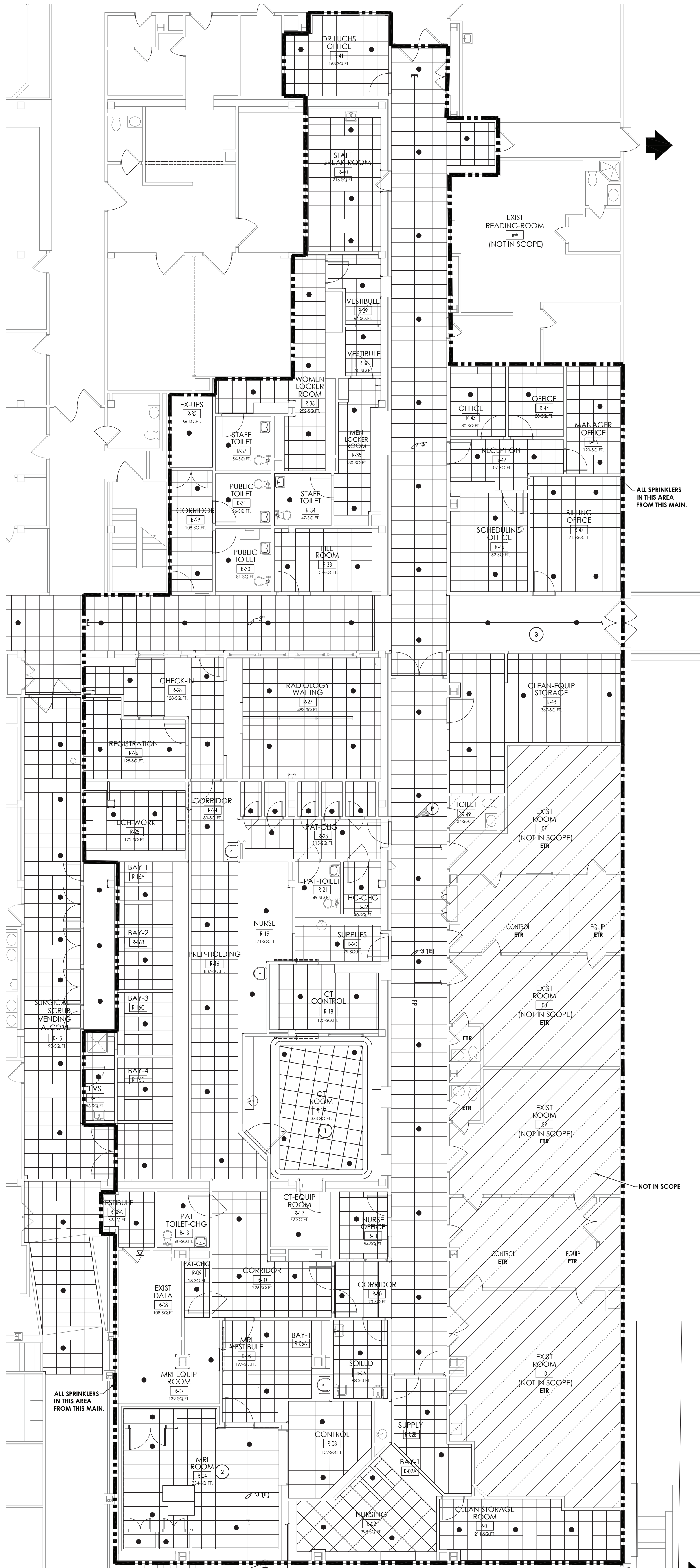
PROJECT NUMBER
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PREP. AREA BAY 1 R-16A, BAY 2 R-16B, BAY 3 R-16C, BAY 4 R-16D AND PREP/RECOVERY R-02 ARE BEING UPDATED TO INCLUDE PHILIPS AMBIENT LIGHTING PACKAGE; A BIDDING ADDENDUM WILL BE ISSUED.



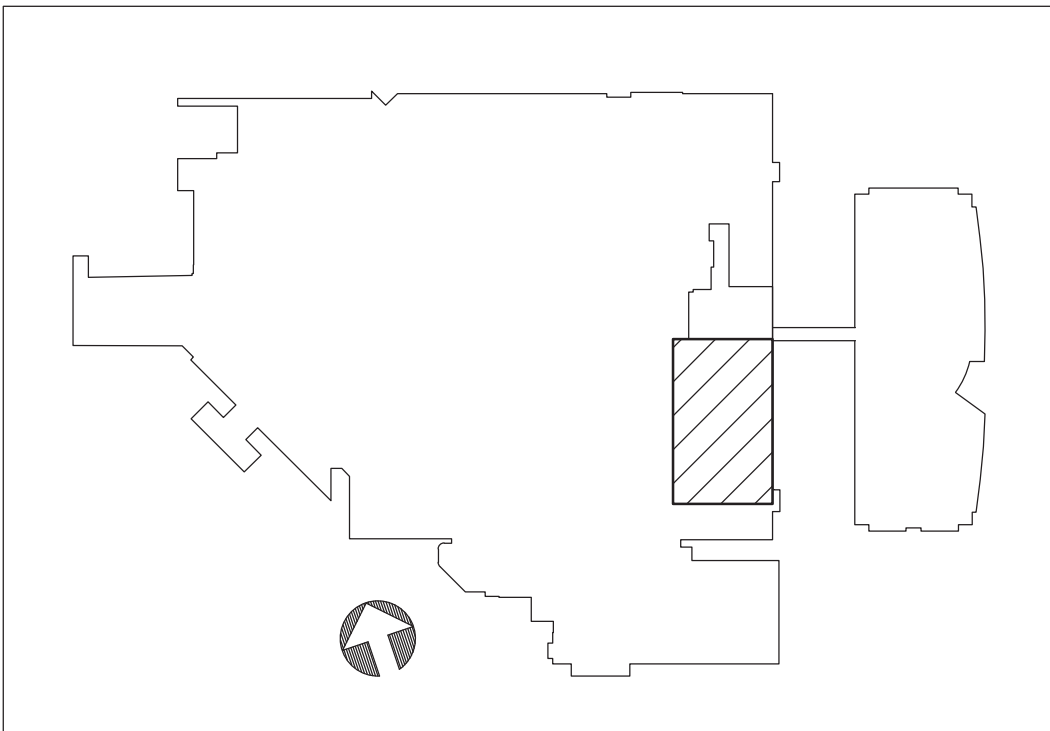
1 PLUMBING FIRE PROTECTION NEW WORK PLAN
P501 SCALE: 1/8" = 1'-0"

GENERAL SPRINKLER NOTES:

1. SPRINKLER COVERAGE SHALL BE PER NFPA 13. OFFICE AREA, CORRIDORS, PATIENT ROOMS SHALL BE LIGHT HAZARD (0.10 GPM/FT²). MECHANICAL AND STORAGE ROOMS SHALL BE ORDINARY HAZARD (0.15 GPM/FT²).
2. MAINS AND SPRINKLER HEADS ARE SHOWN FOR SUGGESTED LOCATION AND SIZING ONLY. CONTRACTOR TO LOCATE MAIN, BRANCH PIPING AND SPRINKLER HEADS AND SIZE PER NFPA 13 USING HYDRAULIC CALCULATIONS. COORDINATE PIPING AND SPRINKLER HEAD LOCATIONS WITH OTHER TRADES.
3. PROVIDE CONCEALED TYPE SPRINKLERS WITH WHITE ESCUTCHEONS PER HOSPITAL STANDARD THROUGH-OUT. SEE ARCHITECTURAL CEILING PLAN FOR LOCATIONS OF HEADS. HEADS EQUAL TO RELIABLE G5 WC.
4. COORDINATE ALL SPRINKLER SHUT DOWNS WITH HOSPITAL FACILITIES. INSPECT AND PRESSURE TEST ALL MODIFIED SYSTEMS AS REQUIRED BY NFPA 13.

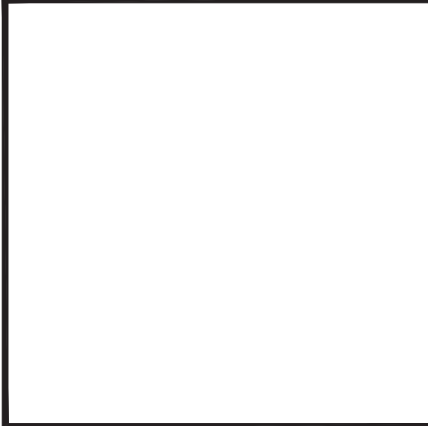
KEY NOTES:

1. COORDINATE SPRINKLER HEADS WITH FINAL PHILIPS DRAWINGS AND ALL OTHER CEILING EQUIPMENT AND CLEARANCES.
2. COORDINATE SPRINKLER HEADS WITH FINAL PHILIPS DRAWINGS AND ALL OTHER CEILING EQUIPMENT AND CLEARANCES. MRI HEADS AND PIPING SELECTED AS REQUIRED BY MRI MANUFACTURERS INSTRUCTIONS NON-FERROUS. PIPE ENTER THROUGH CONCENTRATED ARE WAY FEED THROUGH.
3. NEW SPRINKLERS IN EXISTING CEILING. COORDINATE WITH EXISTING LIGHTING AND DIFFUSERS.



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FOR BIDDING
PURPOSES ONLY

PHILIPS HEALTHCARE - BSCH
TMP 30 - CT / TMP 92 - MRI
GOOD SAMARITAN HOSPITAL
255 LAFAYETTE AVENUE
SUFFERN
NY 10901

DATE	DRAWN	CHECKED
3/9/2021	KAB	JJW
SCALE	AS SHOWN	
SHEET TITLE		
PLUMBING		
FIRE PROTECTION		
NEW WORK PLAN		

PROJECT NUMBER
15068.00
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DRAWING NUMBER