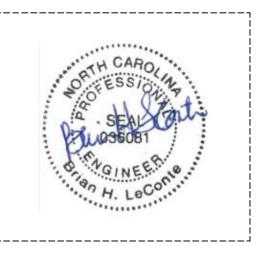


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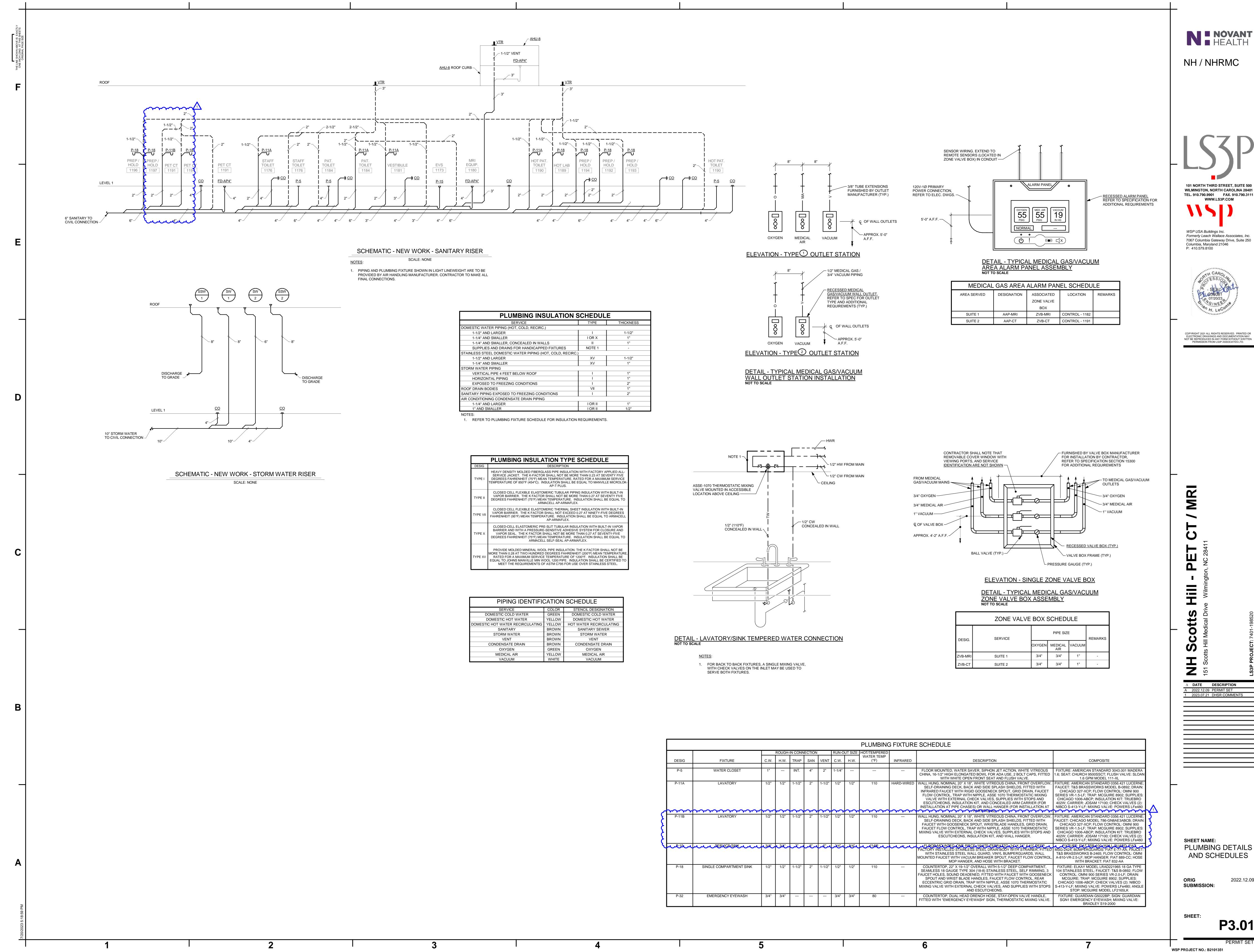
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TYPICAL PLANS

2023.02.03

P2.1



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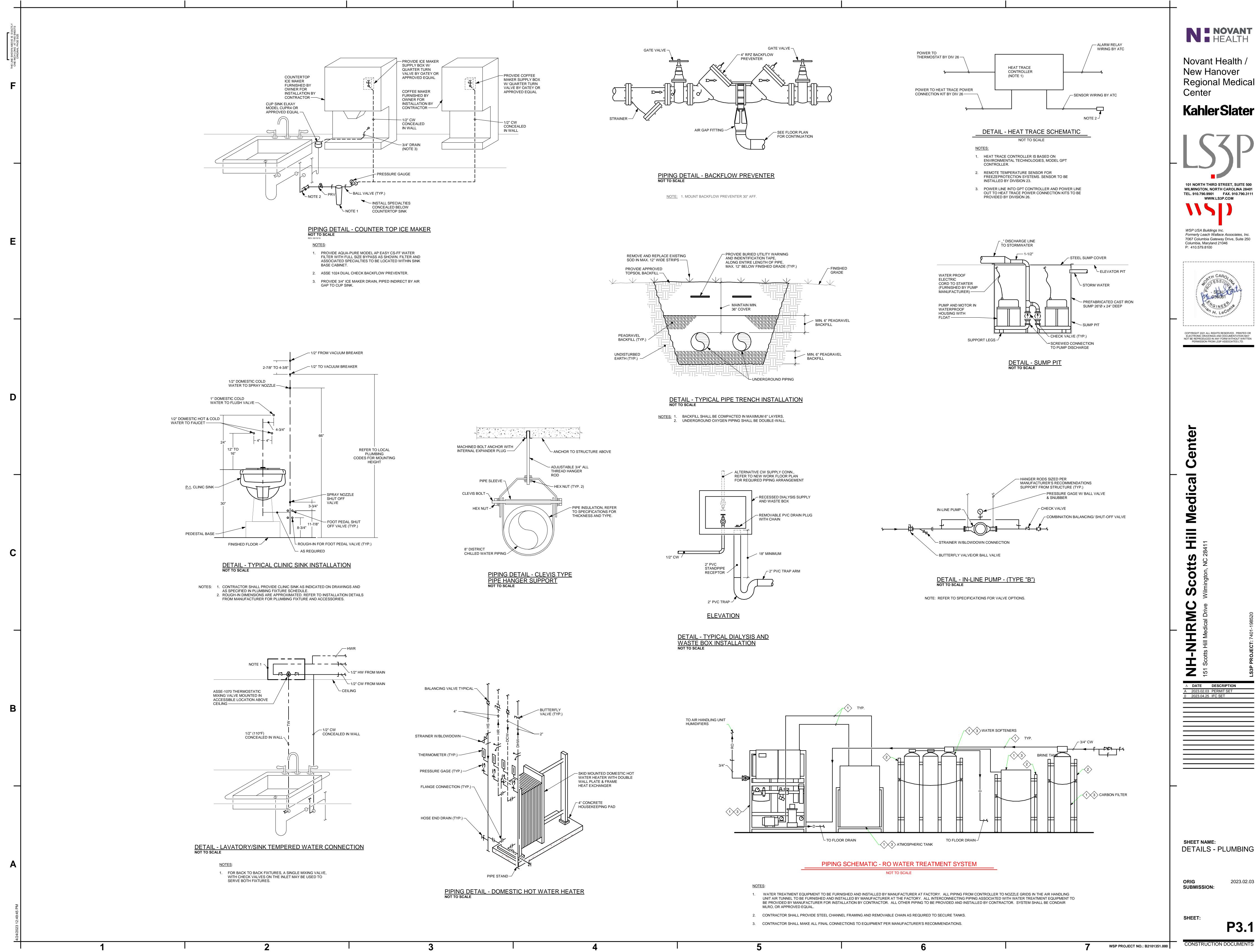


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Δ DATE DESCRIPTION A 2022.12.09 PERMIT SET
1 2023.07.21 DHSR COMMENTS

PLUMBING DETAILS AND SCHEDULES

2022.12.09



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101 NORTH THIRD STREET, SUITE 500

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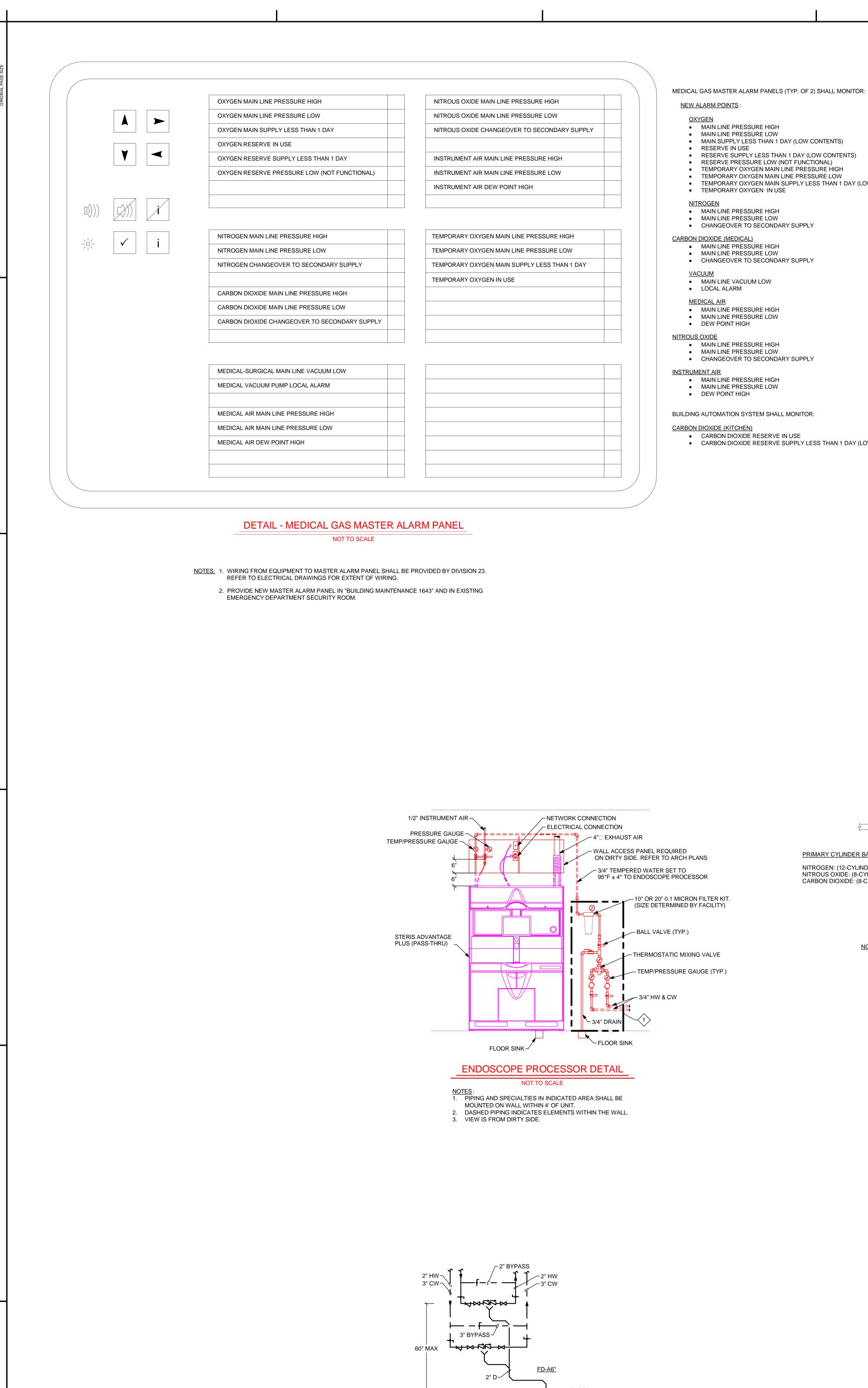
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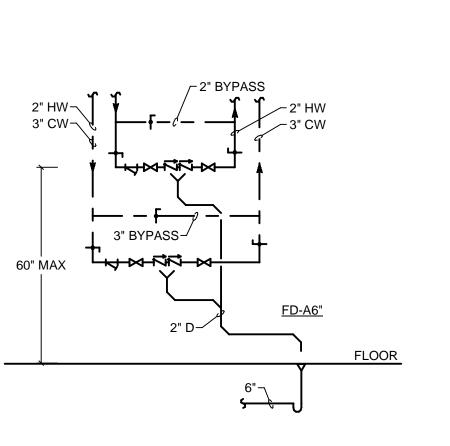
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DETAILS - PLUMBING

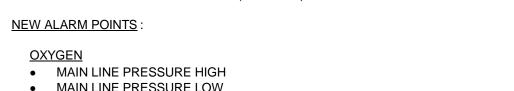
2023.02.03

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BACKFLOW PREVENTOR FOR RO TREATMENT SYSTEM



MAIN LINE PRESSURE LOW

 MAIN SUPPLY LESS THAN 1 DAY (LOW CONTENTS) RESERVE IN USE RESERVE SUPPLY LESS THAN 1 DAY (LOW CONTENTS)

 RESERVE PRESSURE LOW (NOT FUNCTIONAL) TEMPORARY OXYGEN MAIN LINE PRESSURE HIGH TEMPORARY OXYGEN MAIN LINE PRESSURE LOW TEMPORARY OXYGEN MAIN SUPPLY LESS THAN 1 DAY (LOW CONTENTS)

MAIN LINE PRESSURE HIGH

 MAIN LINE PRESSURE LOW CHANGEOVER TO SECONDARY SUPPLY

 MAIN LINE PRESSURE LOW CHANGEOVER TO SECONDARY SUPPLY MAIN LINE VACUUM LOW

 LOCAL ALARM MEDICAL AIR MAIN LINE PRESSURE HIGH MAIN LINE PRESSURE LOW

 MAIN LINE PRESSURE HIGH MAIN LINE PRESSURE LOW CHANGEOVER TO SECONDARY SUPPLY

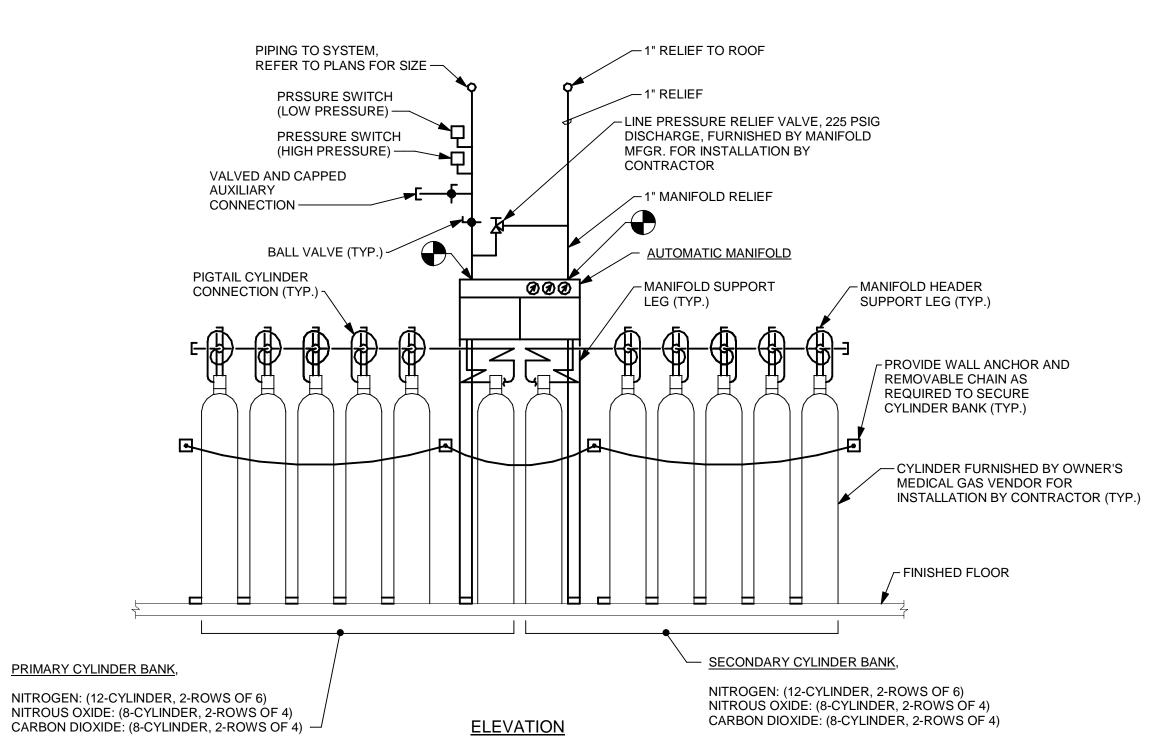
 MAIN LINE PRESSURE HIGH MAIN LINE PRESSURE LOW DEW POINT HIGH

CARBON DIOXIDE (KITCHEN) CARBON DIOXIDE RESERVE IN USE CARBON DIOXIDE RESERVE SUPPLY LESS THAN 1 DAY (LOW CONTENTS)

CONTRACTOR SHALL NOTE THAT FURNISHED BY VALVE BOX REMOVABLE COVER WINDOW WITH MANUFACTURER FOR INSTALLATION VIEWING PORTS, AND SERVICE BY CONTRACTOR, REFER TO IDENTIFICATION ARE NOT SHOWN SPECIFICATION SECTION 15300 FOR ADDITIONAL REQUIREMENTS FROM MEDICAL GAS / VACUUM MAINS — -TO MEDICAL GAS / VACUUM OUTLETS © OF VALVE BOX → RECESSED VALVE BOX (TYP.) APPROX. 4'-2" A.F.F. VALVE BOX FRAME (TYP.) PRESSURE GAUGE (TYP. BALL VALVE (TYP.)

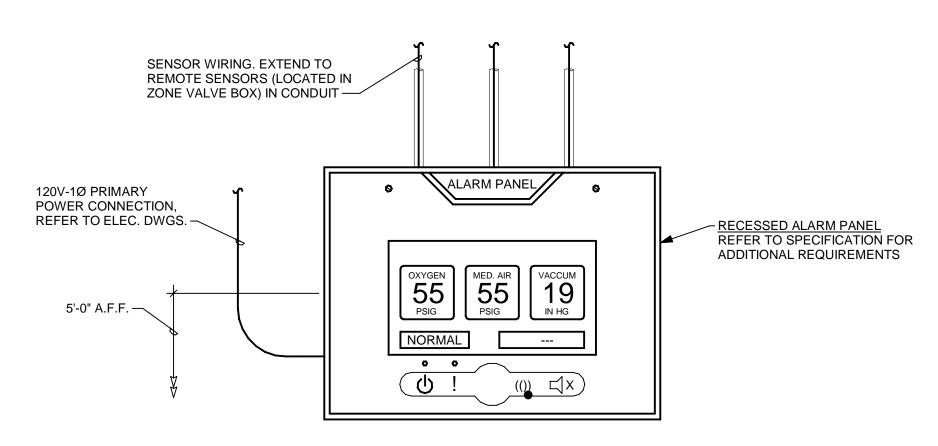
> **ELEVATION - SINGLE VALVE ROOM ZONE VALVE BOX DETAIL - TYPICAL MEDICAL GAS/VACUUM** ZONE VALVE BOX ASSEMBLY
> NOT TO SCALE

NOTES: REFER TO SCHEDULE FOR QUANTITY AND TYPE OF GASES.



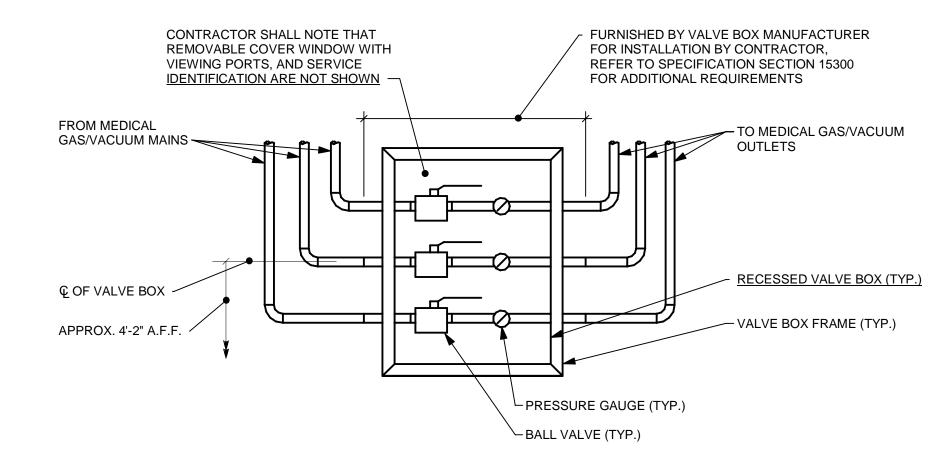
DETAIL - NITROGEN, CARBON DIOXIDE, AND NITROUS OXIDE MANIFOLD AND CYLINDER BANK INSTALLATION NOT TO SCALE

NOTES: 1. DENOTES POINT OF CONNECTION, CONTRACTOR FURNISHED TO MANUFACTURER FURNISHED MATERIAL. 2. DETAIL SHALL BE TYPICAL FOR THE NITROUS OXIDE MANIFOLD AND CYLINDER BANK, EXCEPT ONLY ONE PRESSURE SWITCH SHALL BE PROVIDED FOR HIGH AND LOW PRESSURE SIGNALS AND LINE PRESSURE RELIEF VALVE (FURNISHED BY MANIFOLD MANUFACTURER) SHALL DISCHARGE AT 75 PSIG. 3. ELECTRICAL CONTRACTOR SHALL PROVIDE ALARM WIRING FROM MANIFOLD AND PRESSURE SWITCHES TO ALARM POINTS IN THE MASTER ALARM PANELS (TYPICAL OF 2).



DETAIL - TYPICAL MEDICAL GAS/VACUUM AREA ALARM PANEL ASSEMBLY NOT TO SCALE

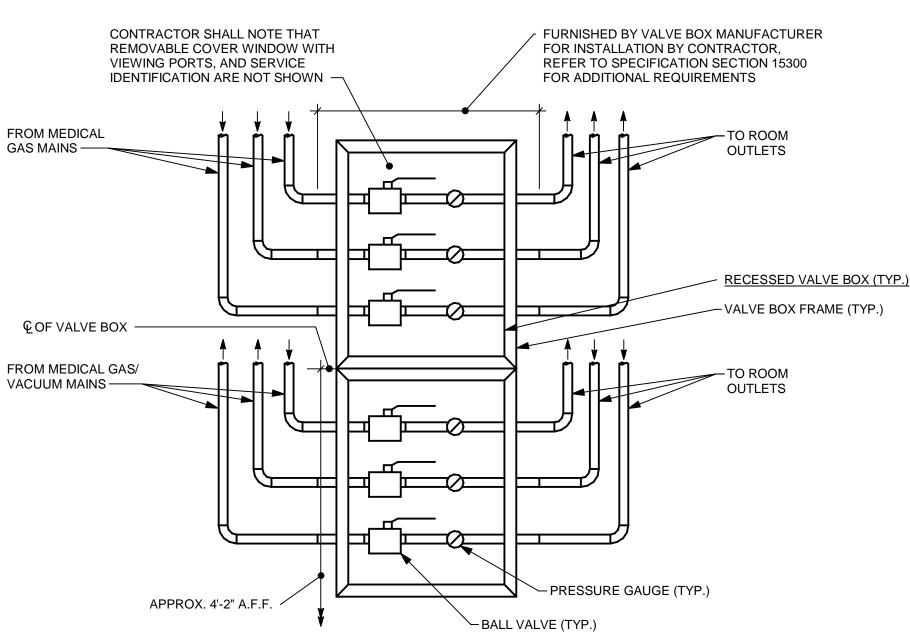
MEDICA	AL GAS AREA	A ALARM PANEL SCHEDULE			
AREA SERVED	DESIGNATION	ASSOCIATED ZONE VALVE BOX	LOCATION		
PACU	AAP-1-1	ZVB-1-3	NURSE STATION 3E1532		
PRE / POST	AAP-1-2	ZVB-1-4	HALLWAY 3E1523		
PRE / POST	AAP-1-3	ZVB-1-5	NURSE STATION 3E1516		
INPATIENT HOLD	AAP-1-4	ZVB-1-6	NURSE STATION 3E1358		
IR ROOM	AAP-1-5	ZVB-1-7	CONTROL 3E1361		
GENERAL RADIOLOGY / RAD/FLUORO	AAP-1-6	ZVB-1-9 / -11 / -13 / -14	RAD TECH WORK 3E1231		
NUCLEAR MEDICINE	AAP-1-7	ZVB-1-10	TECH WORK 3E1275		
OPERATING ROOMS / MINOR PROCEDURE	AAP-1-8	ZVB-1-15 / -16 / -17 / -18 / -19 / -23 / -24 / -25 / -26	CONTROL 3E1592		
ENDO PROCEDURE	AAP-1-9	ZVB-1-21 / -22	NURSE STATION 3E1695		
2ND FLOOR MED-SURG PATIENT ROOMS	AAP-2-1	ZVB-2-1	COR. 3E2313		
2ND FLOOR MED-SURG PATIENT ROOMS	AAP-2-2	ZVB-2-2	CORRIDOR 3E2301		
ICU	AAP-2-3	ZVB-2-4	NURSE STATION 3E2496		
3RD FLOOR MED-SURG PATIENT ROOMS	AAP-3-1	ZVB-3-1	COR. 3E3311		
3RD FLOOR MED-SURG PATIENT ROOMS	AAP-3-2	ZVB-3-2	CORRIDOR 3E3298		



ELEVATION - SINGLE ZONE VALVE BOX

DETAIL - TYPICAL MEDICAL GAS/VACUUM ZONE VALVE BOX ASSEMBLY NOT TO SCALE

NOTES: REFER TO SCHEDULE FOR QUANTITY AND TYPE OF GASES.



ELEVATION - DUAL ZONE VALVE BOX DETAIL - TYPICAL MEDICAL GAS/VACUUM <u>DUAL ZONE VALVE BOX ASSEMBLY</u>

NOTES: REFER TO SCHEDULE FOR QUANTITY AND TYPE OF GASES.

ZONE VALVE BOX SCHEDULE										
		PIPE SIZE								
DESIG.	SERVICE	OXYGEN	MEDICAL AIR	VACUUM	NITROGEN	NITROUS OXIDE	WAGD	CARBON DIOXIDE	INSTRUMENT AIR	REMARKS
ZVB-1-1	BIOMED / BUILDING MAINTENANCE	1/2"	1/2"	3/4"	-	-	-	-	3/4"	-
ZVB-1-2	STERILE PROCESSING DEPARTMENT	-	-	-	-	-	-	-	1-1/2"	-
ZVB-1-3	PACU	3/4"	3/4"	1-1/2"	-	-	-	-	-	-
ZVB-1-4	PRE/POST	3/4"	3/4"	1-1/2"	-	-	-	-	-	-
ZVB-1-5	PRE/POST	3/4"	3/4"	1-1/2"	-	-	-	-	-	-
ZVB-1-6	INPATIENT HOLD	1/2"	1/2"	1"	-	-	-	-	-	-
ZVB-1-7	IR ROOM	1/2"	1/2"	1"	-	1/2"	3/4"	-	-	-
ZVB-1-8	STRESS/ECHO / VASCULAR LAB	3/4"	3/4"	3/4"	-	-	-	-	-	-
ZVB-1-9	GENERAL RADIOLOGY 3E1191	1/2"	1/2"	3/4"	-	-	-	-	-	-
ZVB-1-10	NUCLEAR MEDICINE	1/2"	1/2"	3/4"	-	-	-	-	-	-
ZVB-1-11	GENERAL RADIOLOGY 3E1272	1/2"	1/2"	3/4"	-	-	-	-	-	-
ZVB-1-12	ULTRASOUND ROOMS	3/4"	3/4"	3/4"	-	-	-	-	-	-
ZVB-1-13	RAD/FLUORO 3E1149	1/2"	1/2"	3/4"	-	-	-	-	-	-
ZVB-1-14	RAD/FLUORO 3E1229	1/2"	1/2"	3/4"	-	-	-	-	-	-
ZVB-1-15	MINOR PROCEDURE ROOM	1/2"	1/2"	1-1/2"	1/2"	1/2"	3/4"	1/2"	-	-
ZVB-1-16	GENERAL OPERATING ROOM 3E1704	1/2"	1/2"	1-1/2"	1/2"	1/2"	3/4"	1/2"	-	-
ZVB-1-17	GENERAL OPERATING ROOM 3E1702	1/2"	1/2"	1-1/2"	1/2"	1/2"	3/4"	1/2"	-	-
ZVB-1-18	GENERAL OPERATING ROOM 3E1700	1/2"	1/2"	1-1/2"	1/2"	1/2"	3/4"	1/2"	-	-
ZVB-1-19	GENERAL OPERATING ROOM 3E1698	1/2"	1/2"	1-1/2"	1/2"	1/2"	3/4"	1/2"	-	-
ZVB-1-20	ENDOSCOPY - SCOPES	-	-	-	-	-	-	-	3/4"	-
ZVB-1-21	ENDO PROCEDURE 3E1729	1/2"	1/2"	1-1/2"	1/2"	1/2"	3/4"	1/2"	-	-
ZVB-1-22	ENDO PROCEDURE 3E1727	1/2"	1/2"	1-1/2"	1/2"	1/2"	3/4"	1/2"	-	-
ZVB-1-23	GENERAL OPERATING ROOM 3E1837	1/2"	1/2"	1-1/2"	1/2"	1/2"	3/4"	1/2"	-	-
ZVB-1-24	GENERAL OPERATING ROOM 3E1840	1/2"	1/2"	1-1/2"	1/2"	1/2"	3/4"	1/2"	-	-
ZVB-1-25	GENERAL OPERATING ROOM 3E1842	1/2"	1/2"	1-1/2"	1/2"	1/2"	3/4"	1/2"	-	-
ZVB-1-26	GENERAL OPERATING ROOM 3E1844	1/2"	1/2"	1-1/2"	1/2"	1/2"	3/4"	1/2"	-	-
ZVB-2-1	2ND FLOOR MED-SURG PATIENT ROOMS	3/4"	3/4"	2"	-	-	-	-	-	-
ZVB-2-2	2ND FLOOR MED-SURG PATIENT ROOMS	3/4"	3/4"	2"	-	-	-	-	-	-
ZVB-2-3	RESPIRATORY THERAPY	1/2"	3/4"	-	-	-	-	-	-	-
ZVB-2-4	ICU	1"	1-1/4"	2"	-	-	-	-	-	-
ZVB-3-1	3RD FLOOR MED-SURG PATIENT ROOMS	3/4"	3/4"	2"	-	-	-	-	-	-
ZVB-3-2	3RD FLOOR MED-SURG PATIENT ROOMS	3/4"	3/4"	2"	-	-	-	-	-	-

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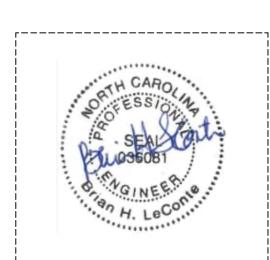
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WILMINGTON, NORTH CAROLINA 28401 TEL. 910.790.9901 FAX. 910.790.3111

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P: 410.579.8100



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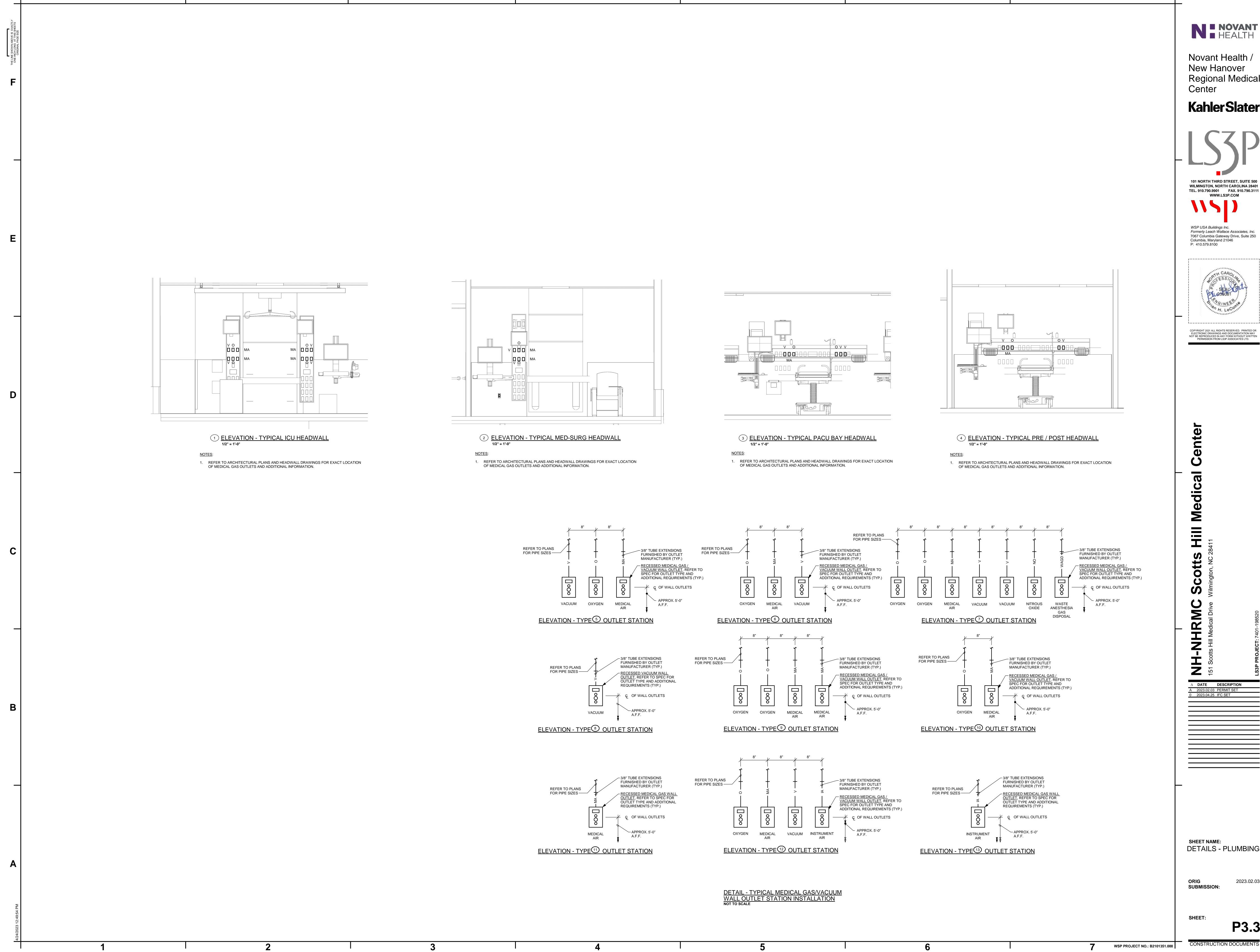
2023.10.19 ASI 05 ROOM NUMBERS

SHEET NAME: **DETAILS - PLUMBING**

2023.02.03 SUBMISSION:

P3.2

WSP PROJECT NO.: B2101351.000



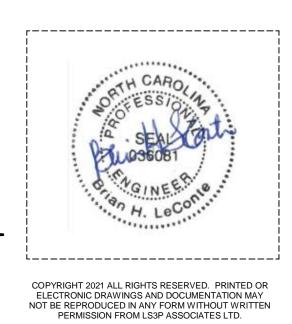
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DETAILS - PLUMBING

2023.02.03

P3.3