STOR	AGE ELECTRIC W	ATER HEATER	SCHEDULE								
DRAWING CODE	DESCRIPTION	MANUFACTURER - MODEL	ALTERNATE APPROVED MANUFACTURERS	PIPE	SIZE	RECOVERY (GPH)		ELECT	RICAL		NOTES
				DCW	DHW	@ 100°F RISE	VOLTAGE	PHASE	Hz.	KW	
EWH2	40 GALLON, GLASS LINED TANK	A.O. SMITH - DEL 40	BRADFORD-WHITE, RHEEM	3/4"	3/4"	18	208	1	60	4.5	1-3
NOTES:	1. PROVIDE WITH 2 GALLON BUTYL DIAPHRAM EXPANSION TANK 2. FIELD ROUTE 1" DRAIN PAN DRAIN PIPING TO CLOSEST INDIRECT DRAIN OR SPILL TO GRADE. 3. PROVIDE WITH FLOOR MOUNT ENGINEERED WATER HEATER PLATFORM					,					

AMERICAN STANDARD 215AA.004

AMERICAN STANDARD 0355.012

8413F05

HG-135

LRAD151565

DLR221910

8701

152N

1,2,3,8 | 1/2" | 1/2"

2,4,5,8 1/2" 1/2" 2"

|8279SMF12 |2,4,5,8 |1/2" |1/2" |2"

LZS8WSLK 1,9 1/2" -

CHURCH

CASH ACME

MOEN

MCGUIRE

SIOUX CHIEF

DRAWING	DESCRIPTION	MANUFACTURER	MODEL	FLOW GPM@FT. HD	MOTOR HP	POWER	PIPE CONNECTION	NOTES
CODE						(V/PH/HZ)	(INCHES)	
CP2	DOMESTIC HOT WATER CIRCULATION, IN-LINE WET ROTOR, STAINLESS STEEL VOLUTE, 3-SPEED, BUILT IN THERMAL PROTECTION.	GRUNDFOS	<u>UP-15-55</u>	10@10	125 WATTS	115/1/60	3/4"	
NOTES:	1. PROVIDE AND INSTALL AQUASTAT FOR PUMP CONTR	OL.						

FIXTURE TAG	DESCRIPTION	BTUH RATING	QUANTITY	TOTAL
(X)RTU01		120,000	1	120,000
(X)RTU02		120,000	1	120,000
(X)RTU03		120,000	1	120,000
RTU04	ROOFTOP GAS-PAC	250,000	1	250,000
TOTAL LOAD	610,000			
BUILDING SER'	VICE GAS PRESSURE			LESS THAN 2 ps
NOTES:	1. GAS PIPING SIZED PEI LENGTH OF 300' OF SCH			OTAL DEVELOPED

2. GAS PIPING SIZED TO ACCOMMODATE POSSIBLE FUTURE CHANGEOVER TO NATURAL GAS

GENERAL NOTES:

- SCOPE OF WORK: THESE DRAWINGS AND ACCOMPANYING SPECIFICATIONS DESCRIBE SCOPE OF WORK REQUIRED FOR PLUMBING SYSTEMS. LABOR AND MATERIAL SHALL BE PROVIDED AS REQUIRED FOR A COMPLETE, WORKMANLIKE INSTALLATION OF ALL SYSTEMS SHOWN ON DIAGRAMMATIC DRAWINGS AND/OR AS SPECIFIED HEREIN.
- CONTRACTOR: THE WORD "CONTRACTOR", "PLUMBING CONTRACTOR", AND "P.C." AS USED HEREIN SHALL MEAN THE PLUMBING INSTALLER UNLESS OTHERWISE QUALIFIED.
- DRAWINGS: DRAWINGS ARE DIAGRAMMATIC AND MAY NOT COMPLETELY DESCRIBE EVERY DETAIL OF THE INSTALLATION. HOWEVER, CONTRACTOR IS RESPONSIBLE FOR FURNISHING COMPLETE SYSTEMS INCLUDING ALL REQUIRED EQUIPMENT AND ACCESSORIES TO OBTAIN FULLY FUNCTIONING PLUMBING SYSTEMS.
- CODE COMPLIANCE: COMPLY WITH THE LATEST EDITIONS OF THE FOLLOWING STANDARDS AND CODES, INSOFAR AS THEY APPLY: NORTH CAROLINA STATE BUILDING CODE (CODE), LATEST EDITION AND REVISIONS. LOCAL JURISDICTION REQUIREMENTS.
- PERMITS AND INSPECTIONS: OBTAIN ALL PERMITS, LICENSES, INSPECTIONS, ETC., REQUIRED FOR THE WORK AND PAY FOR SAME. FURNISH A FINAL CERTIFICATE OF INSPECTION AND APPROVAL FROM THE AUTHORITY HAVING JURISDICTION PRIOR TO ACCEPTANCE OF THE WORK.
- SUPERVISION: PROVIDE SKILLED SUPERINTENDENTS TO SUPERVISE THE WORK FROM THE BEGINNING TO COMPLETION AND FINAL INSPECTION.
- PROGRESS OF WORK: PERFORM WORK IN ACCORDANCE WITH SCHEDULE AND REQUIREMENTS OF THE GENERAL CONTRACTOR. UNDER NO CIRCUMSTANCES SHALL THIS CONTRACTOR DELAY THE OVERALL PROJECT SCHEDULE.
- COORDINATION: COORDINATE PLUMBING WORK WITH THE WORK OF OTHER TRADES. LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE UNLESS SPECIFICALLY DIMENSIONED. ARRANGE PLUMBING SO AS NOT TO INTERFERE WITH THE WORK OF OTHER TRADES. VERIFY ACTUAL BUILDING STRUCTURE PRIOR TO DUCT FABRICATION AND ADJUST LAYOUT AS REQUIRED. INCLUDE ALL OFFSETS IN DUCTS, FITTINGS, PIPING, ETC. AS REQUIRED TO PROPERLY INSTALL EQUIPMENT.
- EQUIPMENT LOCATIONS: DETERMINE EXACT EQUIPMENT AND MATERIALS LOCATIONS TO PROVIDE BEST ARRANGEMENT AND TO FACILITATE PROPER MAINTENANCE AND SERVICING OF EQUIPMENT.
- 0. LISTING AND LABELING: ALL EQUIPMENT SHALL BE LABELED OR LISTED BY UL OR OTHER APPROVED TESTING AGENCY WHERE REQUIRED.
- STORAGE SPACE: CONSULT WITH THE GENERAL CONTRACTOR REGARDING JOB SITE STORAGE FOR PLUMBING MATERIALS TO BE INSTALLED UNDER THIS PROJECT. STORAGE SPACE MUST BE SECURED AND CONTRACTOR'S REPRESENTATIVE MUST BE ON JOB BEFORE ANY MATERIAL MAY BE RECEIVED.
- 2. CLEANUP: REMOVE ALL DEBRIS GENERATED IN THE ACCOMPLISHMENT OF WORK UNDER THIS PROJECT. CLEAN, REPLACE OR REPAIR ALL SURFACES SOILED OR DAMAGED DURING THE COURSE OF THE WORK. REMOVE DEBRIS DAILY SO TO MAINTAIN SAFE WORKING
- 13. RECORD DRAWINGS: MAINTAIN ONE SET OF "RED-LINED" RECORD DRAWINGS ON SITE AT ALL TIMES AND PROVIDE DRAWINGS TO ENGINEER PRIOR TO FINAL INSPECTION.
- 14. EXISTING BUILDINGS AND CONSTRUCTION:
- A. WORK UNDER THIS CONTRACT IS TO BE PERFORMED IN AN EXISTING BUILDING. BUILDING LAYOUT INDICATED IS DEVELOPED FROM EXISTING RECORD DOCUMENTS AND LIMITED FIELD VERIFICATION FOR THE PURPOSES OF DESCRIBING THE WORK. VERIFY ALL EXISTING CONDITIONS AND ADJUST WORK AS REQUIRED TO SUIT ACTUAL FIELD CONDITIONS.
- B. PERFORM ALL WORK IN ACCORDANCE WITH SAFETY REGULATIONS.
- DO NOT CUT ANY STRUCTURAL MEMBERS WITHOUT EXPRESS WRITTEN INSTRUCTIONS FROM ARCHITECT/ENGINEER. PROVIDE CUTTING AND PATCHING FOR EXISTING FINISHES AS REQUIRED.
- D. COORDINATE INSTALLATION OF NEW PLUMBING SYSTEMS WITH EXISTING BUILDING SYSTEMS. ADJUST ARRANGEMENTS AS REQUIRED TO ACCOMMODATE INTERFERENCES.

PL	UM	BIN	IG I	LE	GEI	ND
	WAL	L CLE	NOU	Γ		

BALL VAL CHECK VA COMBINA 1/8 BEND LONG SW 1/4 BEND

______ WASTE F ___ _ _ VENT PIPI _____ DOMESTI ——— -- DOMESTI ————— DOMESTI

► POINT OF

WALL CLEANOUT
BALL VALVE
CHECK VALVE
COMBINATION 1/8 BEND
1/8 BEND
LONG SWEEP 1/4 BEND
1/4 BEND
SANITARY TEE
WYE
WASTE PIPING
VENT PIPING
DOMESTIC COLD PIPING
DOMESTIC HOT PIPING
DOMESTIC RECIRCULATION PIPING
POINT OF CONNECTION - NEW TO EXISTING
EVICTING TO DEMAIN. NO WORK
EXISTING TO REMAIN - NO WORK

PLUM	BING ABBREVIATIONS
(X)	EXISTING
AAV	AIR ADMITTANCE VALVE
A.F.F.	ABOVE FINISHED FLOOR
A.R.C.I.	ACID RESISTANT CAST IRON
ADA	AMERICANS WITH DISABILITIES ACT
BRZ.	BRONZE
BT .	BATHTUB
C.I.	CAST IRON
00	CLEANOUT
CONC.	CONCRETE
DCW	DOMESTIC COLD WATER
OHW D	DOMESTIC HOT WATER RETURN
DHWR DIA.	DOMESTIC HOT WATER RETURN
ΣΙΑ. Ξ.C.I.	DIAMETER ENAMELED CAST IRON
EC	ELECTRICAL CONTRACTOR
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER COOLER ELECTRIC WATER HEATER
FCO	FLOOR CLEANOUT
-D	FLOOR DRAIN
-S	FLOOR SINK
GA.	GAUGE
GAL.	GALLON
GC	GENERAL CONTRACTOR
GCO	GRADE CLEANOUT
GPF	GALLONS PER FLUSH
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GWH	GAS-FIRED WATER HEATER
НВ	HOSE BIBB
NCL.	INCLUDED
KS	KITCHEN SINK
_AV	LAVATORY
_P	LIQUID PROPANE
MS	MOP SERVICE BASIN NATURAL GAS
NG NKL.	NICKEL
NON SIMULT.	NON SIMULTANEOUS
O.F.L.C.	OPEN FRONT LESS COVER
OB	OUTLET BOX
OC .	ON CENTER
ORDL	OVERFLOW ROOF DRAIN LEADER
PC PC	PLUMBING CONTRACTOR
PRESS. BAL.	PRESSURE BALANCED
RCVY.	RECOVERY
RDL	ROOF DRAIN LEADER
SA	WATER HAMMER ARRESTOR
SH	SHOWER
SK	SINK
SLD.	SLIDE
SS	STAINLESS STEEL
ГDН	TOTAL DYNAMIC HEAD
JR	URINAL
/	VENT
/B	VACUUM BREAKER
/C	VITREOUS CHINA
/R	VANDAL RESISTANT
/TR	VENT THROUGH ROOF
N	WASTE
NC	WATER OLOCET

WATER CLOSET

WALL CLEANOUT

NOTE: ALL ABBREVIATIONS MAY NOT BE USED IN PROJECT

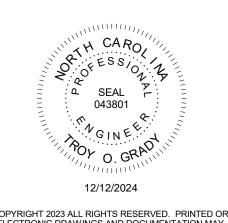


Novant Health



101 NORTH THIRD STREET, SUITE 500 **WILMINGTON, NORTH CAROLINA 28401** TEL. 910.790.9901 FAX. 910.790.3111 WWW.LS3P.COM





COPYRIGHT 2023 ALL RIGHTS RESERVED. PRINTED OR ELECTRONIC DRAWINGS AND DOCUMENTATION MAY NOT BE REPRODUCED IN ANY FORM WITHOUT WRITTEN PERMISSION FROM LS3P ASSOCIATES LTD.

0

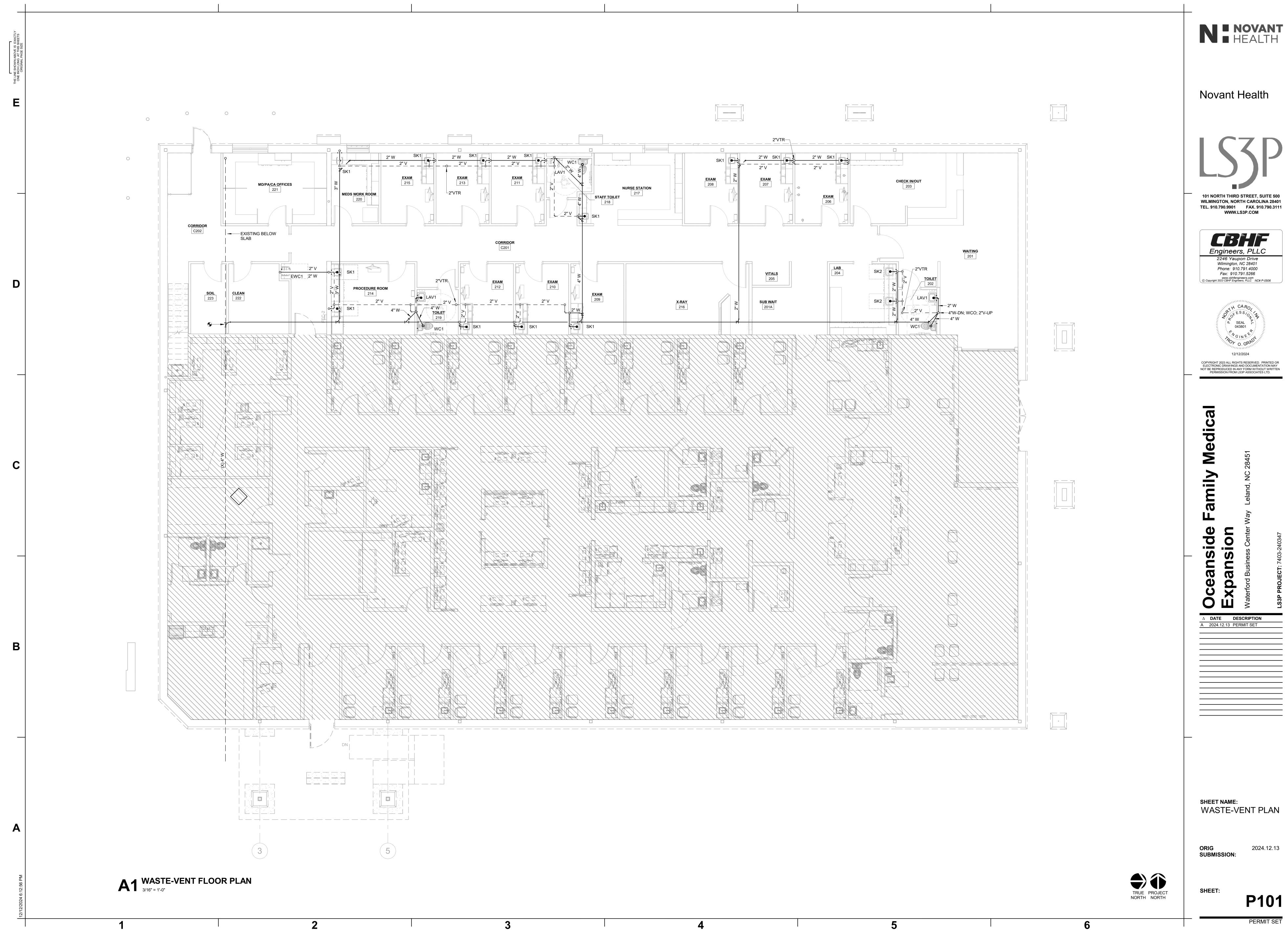
 Δ DATE DESCRIPTION A 2024.12.13 PERMIT SET

SHEET NAME: GENERAL NOTES, LEGEND, ABBREVIATIONS, SCHEDULES

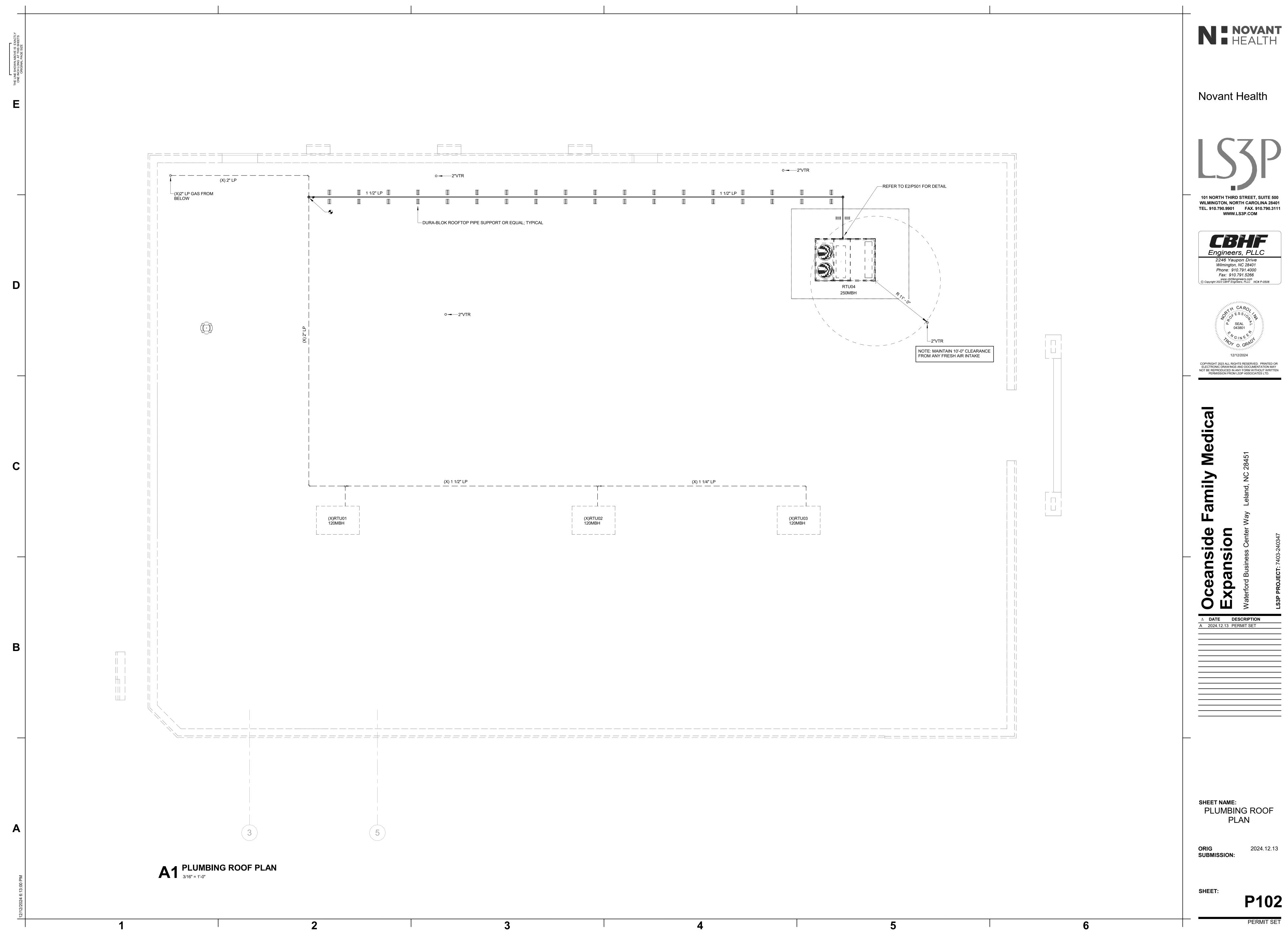
SUBMISSION:

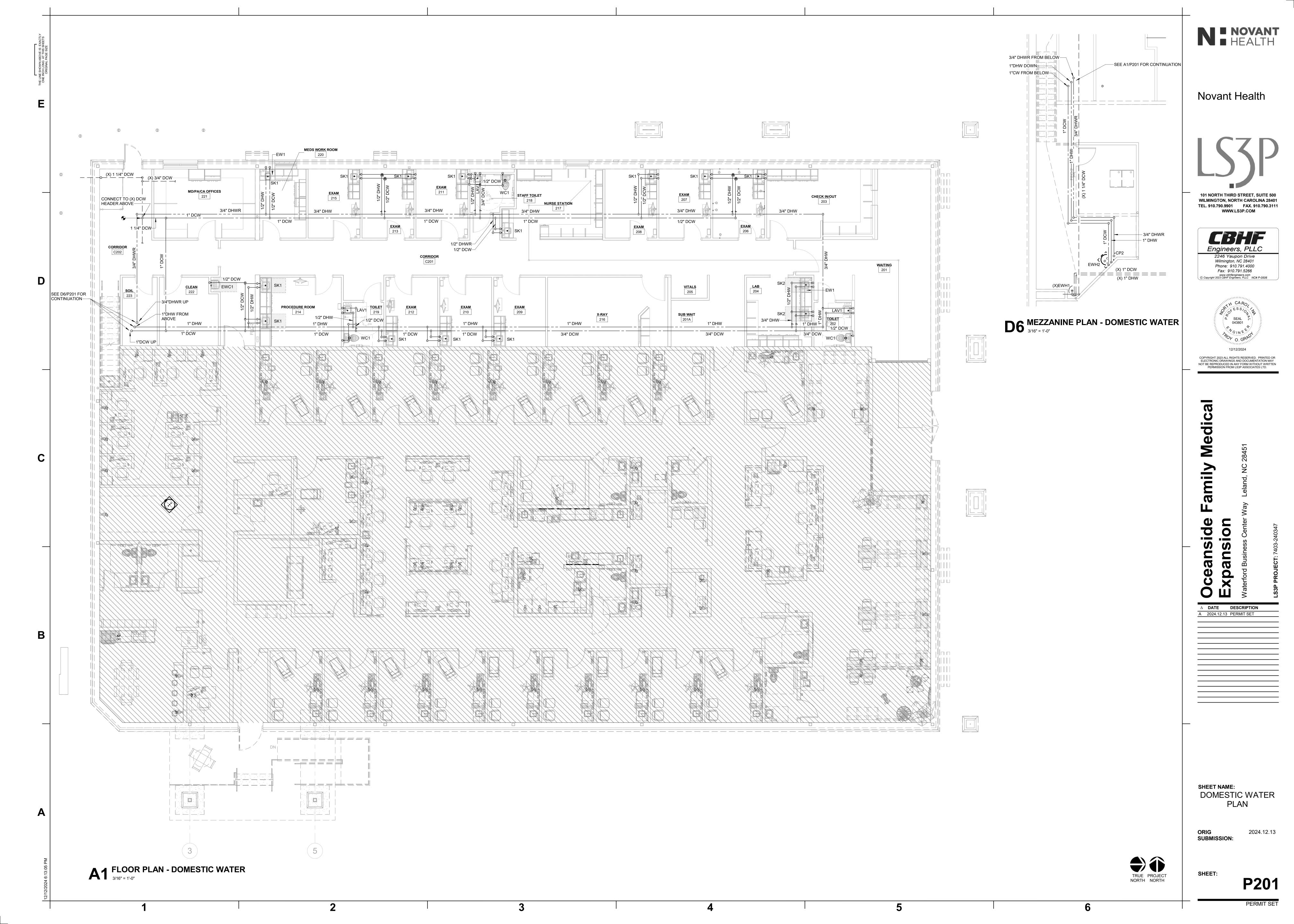
SHEET:

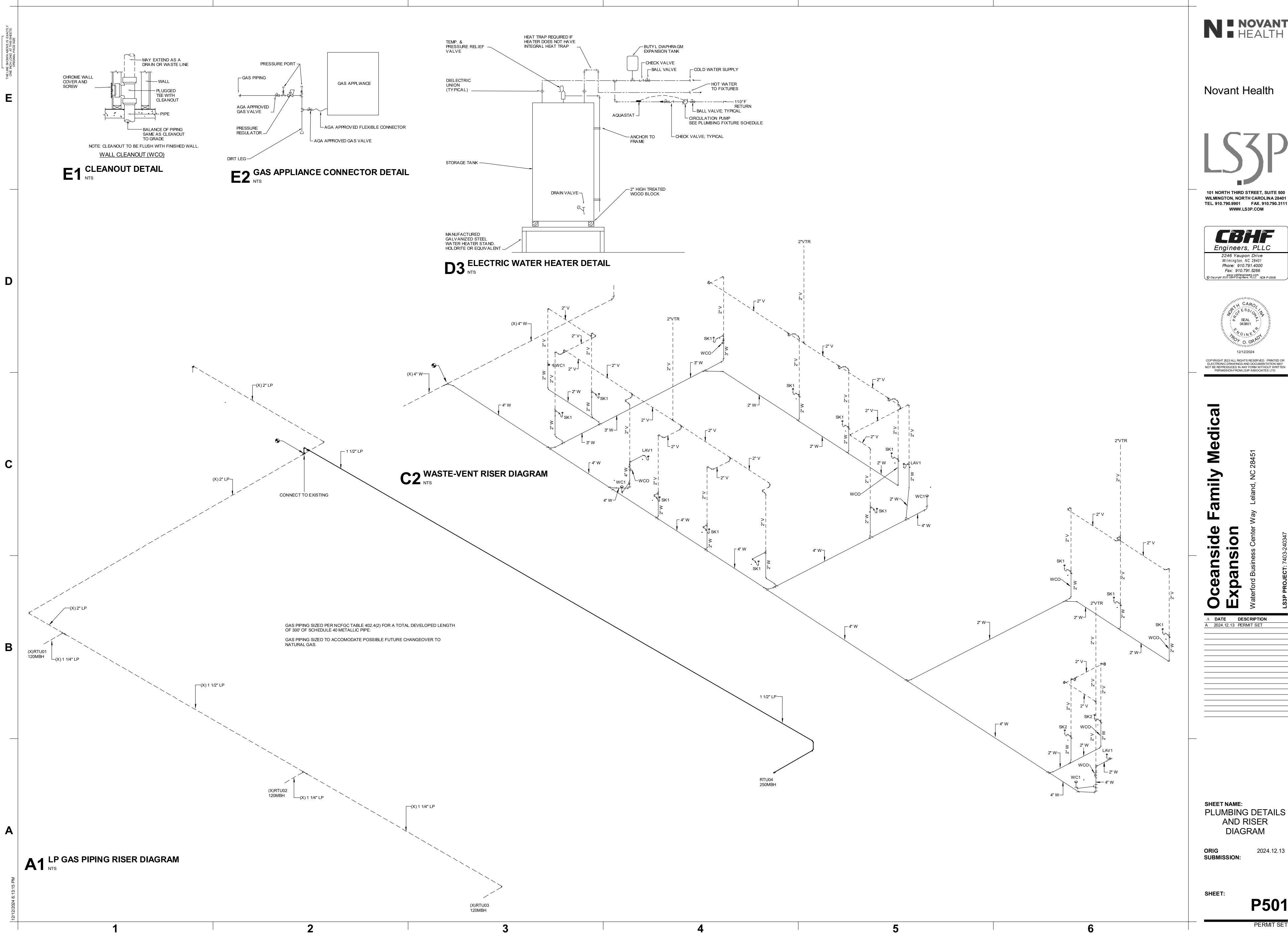
P001











NOVANT HEALTH

Novant Health

WILMINGTON, NORTH CAROLINA 28401 TEL. 910.790.9901 FAX. 910.790.3111



CBHF Engineers, PLLC 2246 Yaupon Drive Wilmington, NC 28401 Phone: 910.791.4000 Fax: 910.791.5266 www.cbhfengineers.com
© Copyright 2023 CBHFEngineers, PLLC NC# P-0506



12/12/2024



COPYRIGHT 2023 ALL RIGHTS RESERVED. PRINTED OR ELECTRONIC DRAWINGS AND DOCUMENTATION MAY NOT BE REPRODUCED IN ANY FORM WITHOUT WRITTEN PERMISSION FROM LS3P ASSOCIATES LTD.

 Δ DATE DESCRIPTION

A 2024.12.13 PERMIT SET

P501

2024.12.13