GCO

WALL CLEAN OUT

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



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ounty 0 0 △ DATE DESCRIPTION

2023.04.03 Permit Set

SENERAL NOTES:				
THE CONTRACTOR SHALL	I PROVIDE ALL PIPING	FITTINGS ACCE	SSORIES ETC	NECESSA

TO COMPLETE THE PLUMBING INSTALLATION AS INDICATED IN THE DRAWINGS. 2. WATER HAMMER ARRESTORS SHALL BE PROVIDED ON ALL FIXTURES UTILIZING QUICK CLOSING VALVES SHUCH AS SENSOR FAUCETS, FLUSH VALVES, DRINKING FOUNTAINS. ETC. INSTALL ARRESTORS ON THE DOMESTIC COLD AND HOT WATER PIPING WHERE SERVING FIXTURES WHICH MAY INDUCE WATER HAMMER IN THE PIPING SYSTEM. WATER HAMMER ARRESTORS MAYNOT BE SHOWN IN THE DRAWINGS FOR CLARITY, BUT SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH THE PLUMBING DRAINAGE INSTITUE STANDARD 201. ARRESTORS SHALL BE PISTON TYPE AND CONCEALED, REQUIRING NO

3. INSTALL CLEANOUNTS AT THE BASE OF EACH VERTICAL SOIL OR WASTE STACK IN

THE CONTRACTOR SHALL PROVIDE ALL PIPING, FITTINGS, ACCESSORIES, ETC NECESSARY

ACCORDANCE WITH 2018 NORTH CAROLINA PLUMBING CODE.

MAINTENANCE OR ACCESS PANEL.

SHEET NAME: PLUMBING LEGEND,

GENERAL NOTES ORIG SUBMISSION: 2023.04.03

SCHEDULES, AND

SHEET:

P-001

PRESSURE

DROP, PSIG

PERMIT SET

CURRENT:

=== == ORW= == OVERFLOW RAINWATER (ORW) BELOW FLOOR OR GRADE

1. TYPE: FLOOR SINK FLOOR DRAIN

ROOF DRAIN HOT WATER CIRCULATING PUMP SCHEDULE SERVICE GPM TOTAL DYNAMIC TYPE MINIMUM HEAD, FT. WG MOTOR HP

3.5

1. REFER TO ELECTRICAL DRAWINGS FOR EQUIPMENT ELECTRICAL CHARACTERISTICS.

SERVICE

DOMESTIC HW

TYPE

(NOTE 1) | (NOTE 2)

DRAIN SCHEDULE

GENERAL

LOCATION

FINISHED AREA

FIRE RISER ROOM

ROOF

ROOF

CANOPY

GPM

TYPE

1.5 | RP | 35

BACKFLOW PREVENTER SCHEDULE

GENERAL SERVICE

MAIN WATER SERVICE ENTRANCE - ENTIRE BUILDING

NOTES

RW

ORW

RW

1/25

MASTER MIXING VALVE SCHEDULE

WATER HEATER SCHEDULE

CHARACTERISTICS

SEE ELECTRICAL

ENERGY SOURCE

MINIMUM CIRCULATING

FLOW RATE, GPM (NOTE 2)

0.5

DESIGN

GPM

30

SOURCE

PRESSURE DROP,

PSIG

10

MAX DEMAND

KW

TEMPERATURE NOTES

STORAGE

GAL

NOTES

SETTING, °F

120

RECOVERY CAPACITY

(NOTE 3)

PIPING CONNECTION SIZE

HW | CW |SORW| TW

0.5" | 1.25"

0.5" 1.25"

0.5" | 0.5" | 1.25"

0.5" 0.5" 1.25"

RCP-1

2. TYPE

NO.

BFP-1

NOTES:

1. TYPE:

NO.

D1A

D3B

D4A

NOTES:

LINE

RP REDUCED PRESSURE

TYPE

(NOTE 1)

FD

FS

RD

RD

RD

SIZE, IN. | (NOTE 1)

INLINE ES END SUCTION VM VERTICAL MULTI-STAGE

TYPE

(NOTE 1)

Н

DOMESTIC

NO. MMV-1

NO.

WH-1

NOTES: 1. TYPE

H HIGH-LOW MIXING VALVE ASSEMBLY 2. SET MIXING VALVE TO 120 DEGREES FAHRENHEIT

SERVICE

DOMESTIC

NOTES: 1. TYPE:

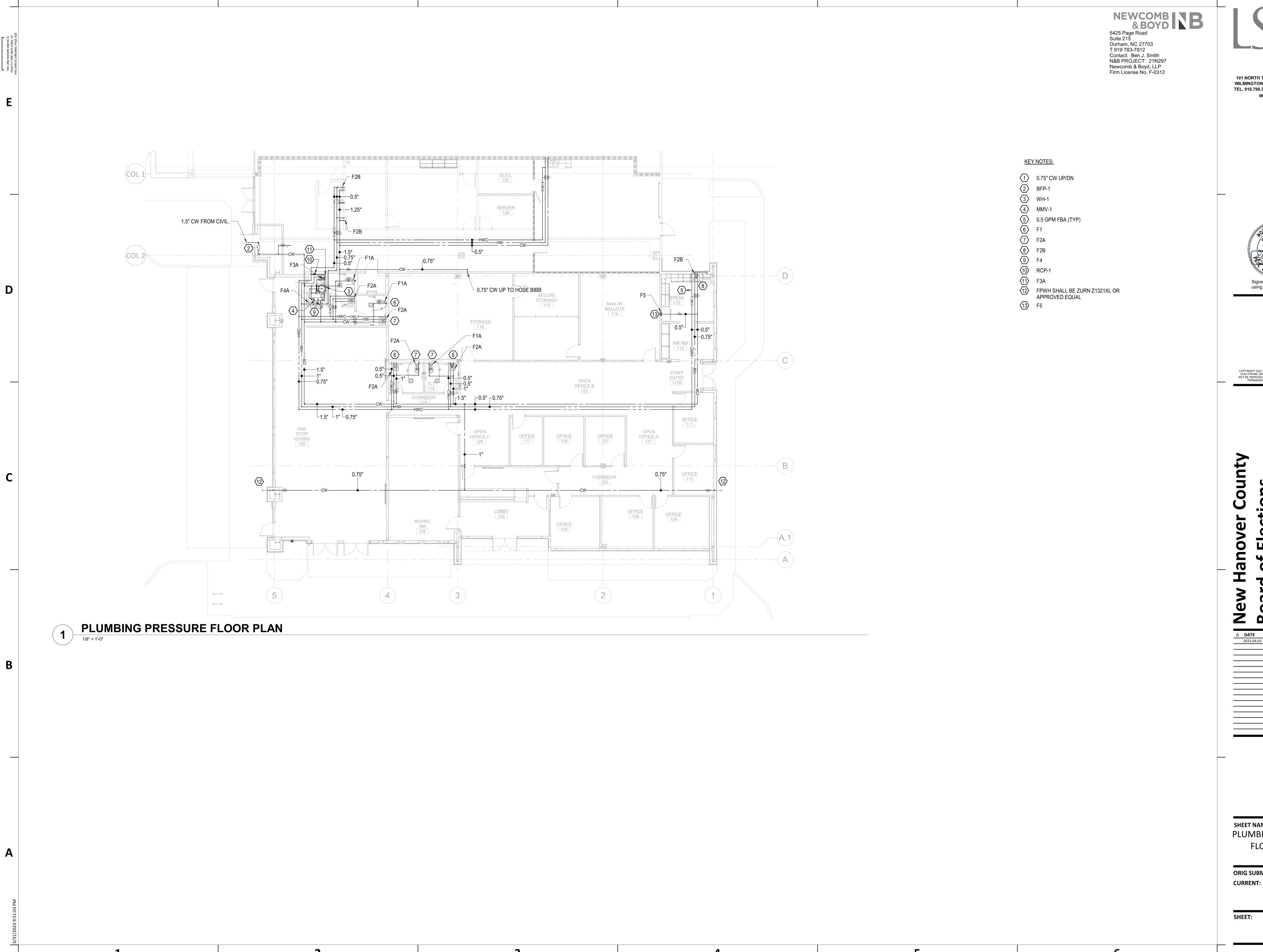
2. SOURCE: E ELECTRIC 3. RECOVERY CAPACITIES FOR ALL WATER HEATERS ARE BASED ON 100°F DIFFERENTIAL.

4. REFER TO ELECTRICAL DRAWINGS FOR EQUIPMENT ELECTRICAL CHARACTERISTICS. 5. SET WATER HEATER DISCHARGE TEMPERATURE TO 140°F.

PLUMBING FIXTURE SCHEDULE FIXTURE TYPE F1 WATER CLOSET, FLOOR TYPE, 1.28 GPF FLUSH VALVE, SENSOR TYPE, ADA

F2B KITCHEN SINK, COUNTER MOUNT, MANUAL FAUCET F3A MOP SINK, FLOOR MOUNTED, MANUAL FAUCET F4 WATER FOUNTAIN, BI-LEVEL, BOTTLE FILLER, ADA F5 ICE MAKER CONNECTION BOX

F2A LAVATORY WALL HUNG, 0.5 GPM, SENSOR TYPE, ADA



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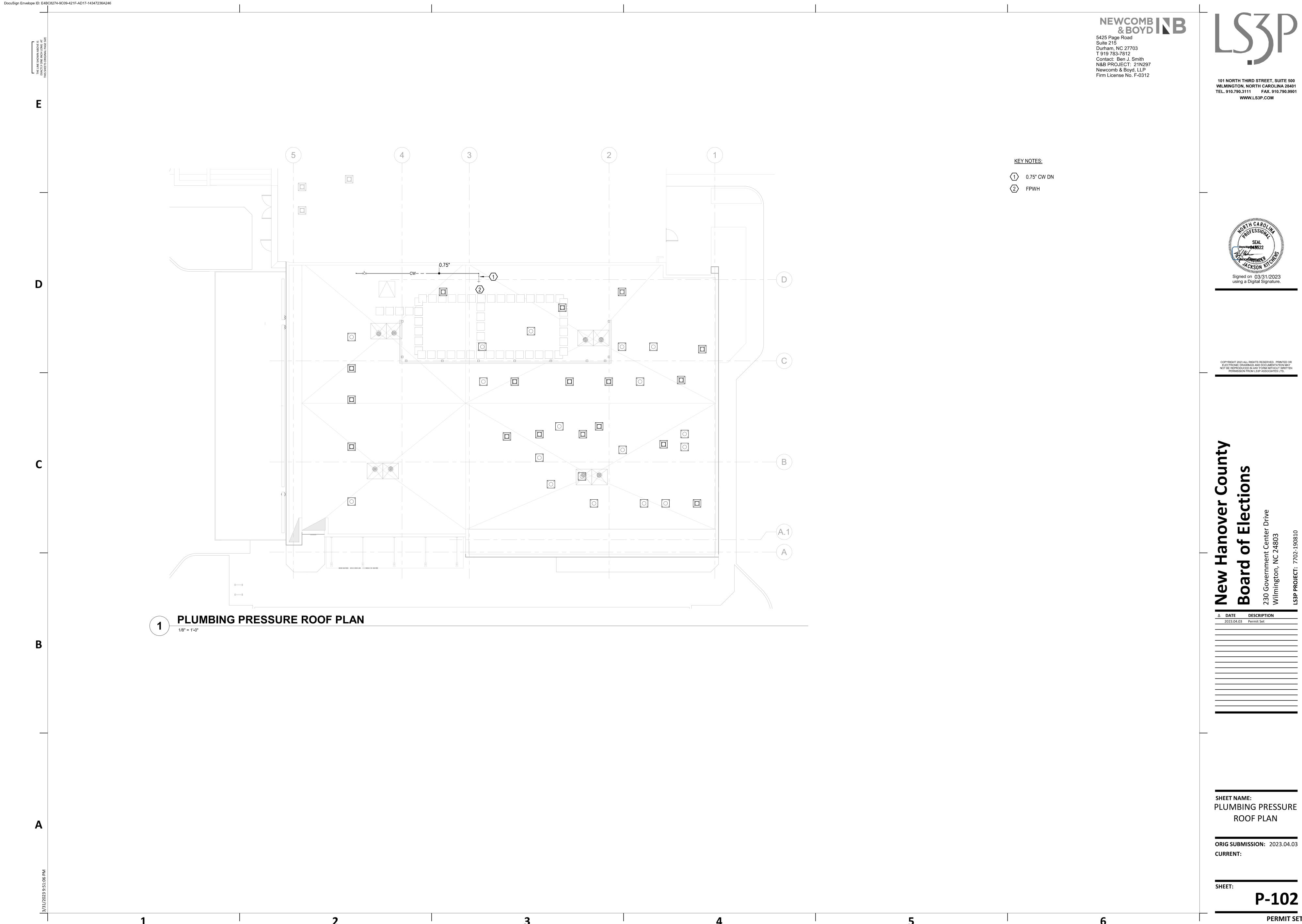
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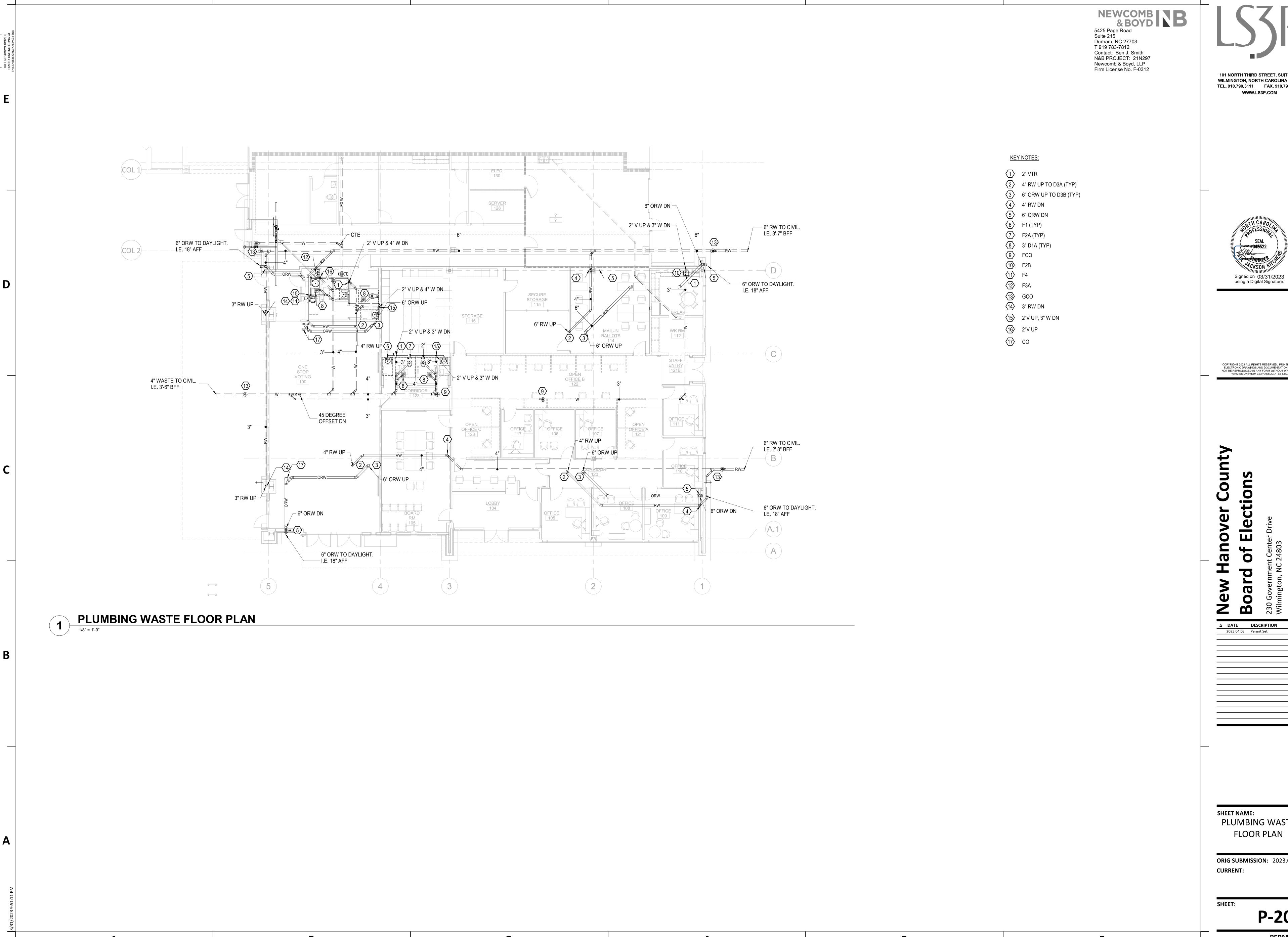
SHEET NAME: PLUMBING PRESSURE **FLOOR PLAN**

ORIG SUBMISSION: 2023.04.03 **CURRENT:**

P-101



P-102 PERMIT SET



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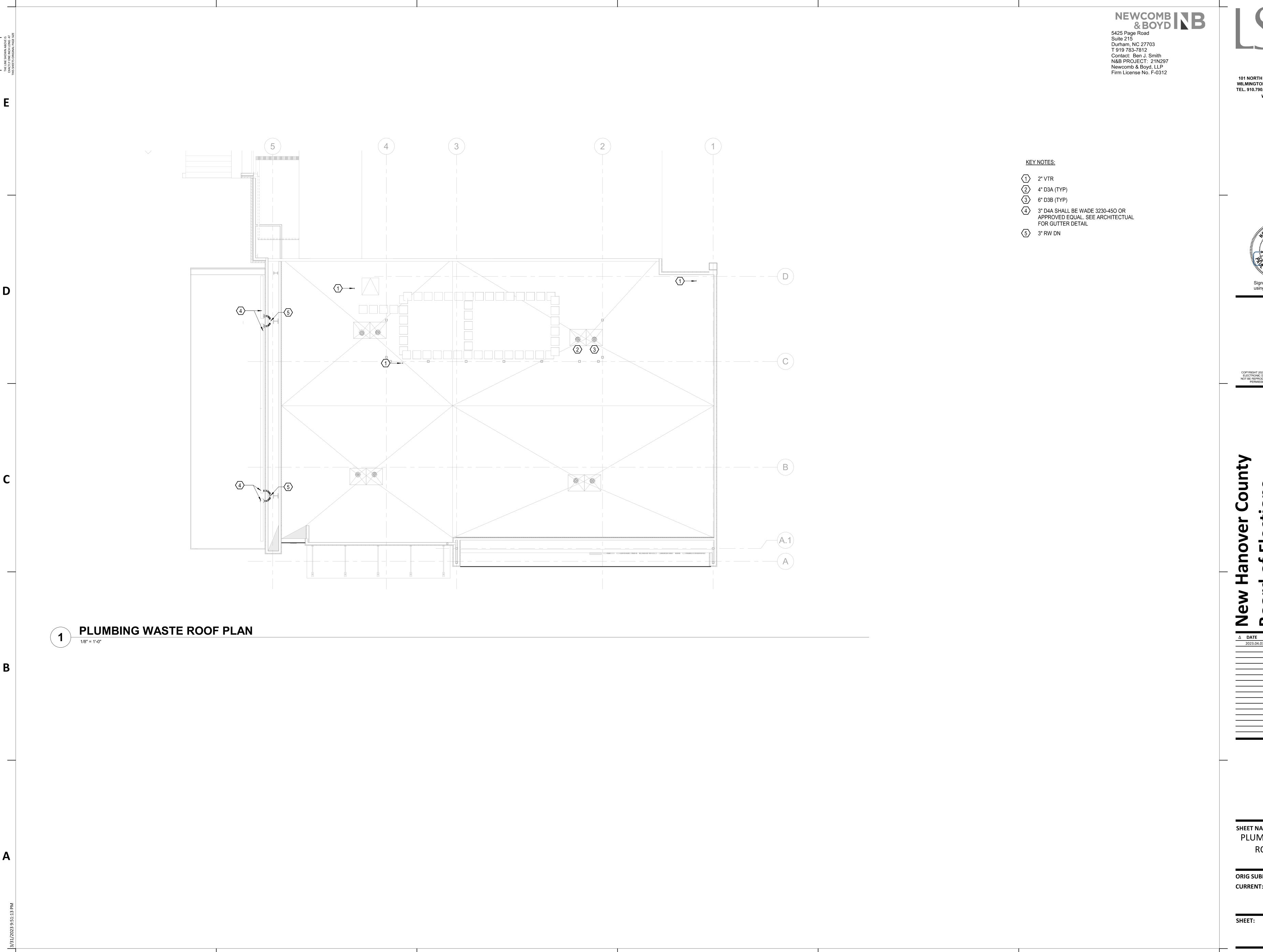
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Δ DATE DESCRIPTION 2023.04.03 Permit Set

SHEET NAME: PLUMBING WASTE

ORIG SUBMISSION: 2023.04.03

P-201



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SHEET NAME: PLUMBING WASTE **ROOF PLAN**

ORIG SUBMISSION: 2023.04.03 **CURRENT:**

P-202

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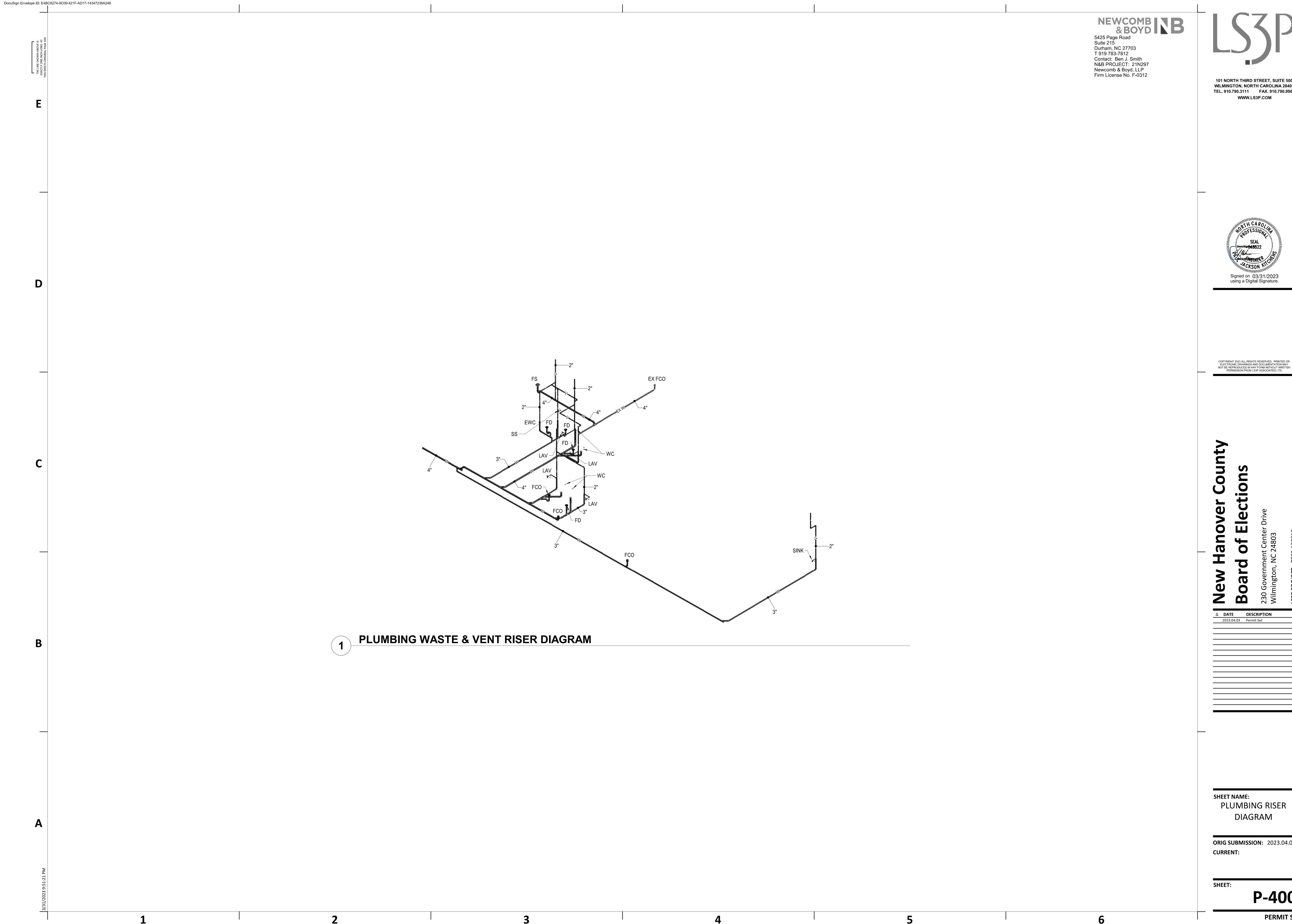
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SHEET NAME: PLUMBING DETAILS

ORIG SUBMISSION: 2023.04.03 **CURRENT:**

P-300



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