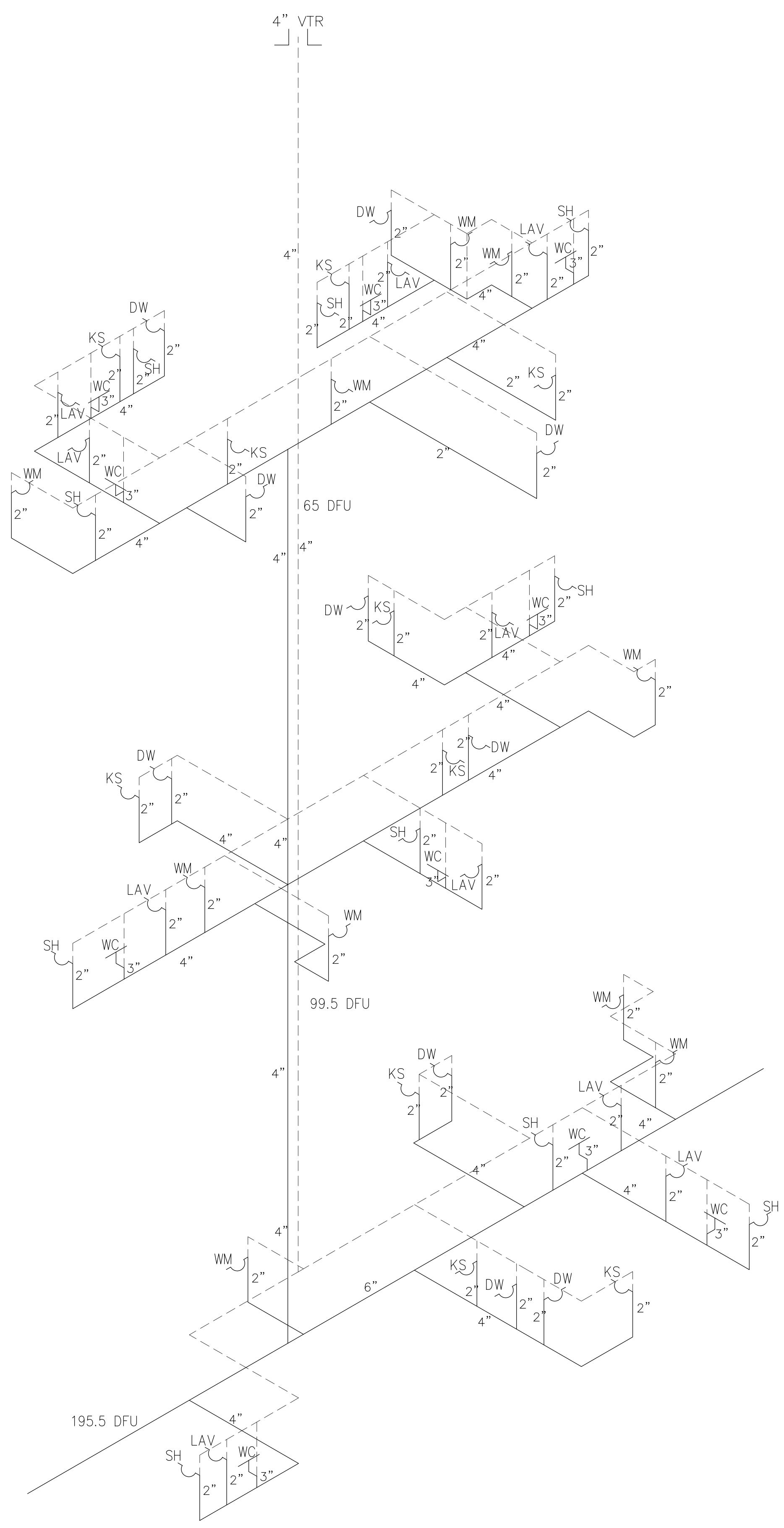




1

WASTER RISER DIAGRAM

NO SCALE

BOWERS & ASSOCIATES

ED BOWERS
1277 CAMERON ROAD
YORK, S.C. 29745
803-322-4597

DESIGN-CODE ANALYSIS
BUILDING UPGITS

R. Gehrig Austin Jr., P.E.

135 MICAH LANE
IRON STATION, N.C. 28080
803-322-4597
N.C. SEAL 33233

NEW PROJECT:
**LONGDALE DRIVE
MULTIFAMILY ECHELON
22 UNIT APARTMENT
COMPLEX**

2225 LONGDALE DRIVE
CHARLOTTE, N.C. 28217

REVISIONS:		
NO.	DATE:	COMMENT

DATE: 3/10/2022
SCALE: AS SHOWN
DRAWN BY: ELB
CHECKED BY: AH
JOB NO. LONGDALE DRIVE
CAD FILE: 2225 LONGDALE DRIVE

PLUMBING
DETAILS

10.01



2

NO SCALE



1

NO SCALE

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803-322-4597
N.C. SEAL 33233

BOWERS & ASSOCIATES

DESIGN-CODE ANALYSIS

ED BOWERS
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YORK, S.C. 29745
803-322-4597

NEW PROJECT:

LONGDALE DRIVE
MULTIFAMILY ECHELON
22 UNIT APARTMENT
COMPLEX

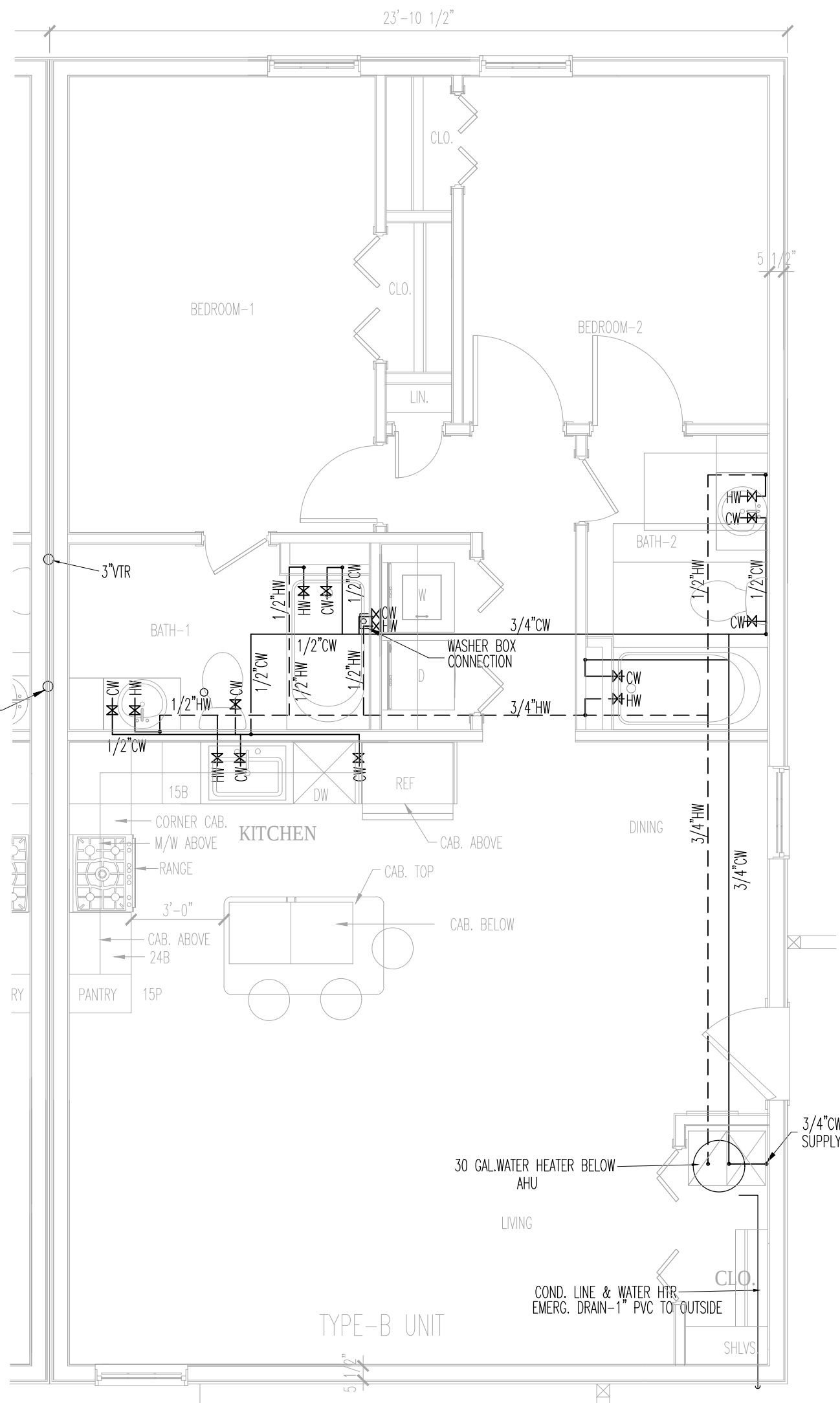
2225 LONGDALE DRIVE
CHARLOTTE, N.C. 28217

REVISIONS:		
NO.	DATE:	COMMENT
	4/21/22	COMMENT RESPONSE

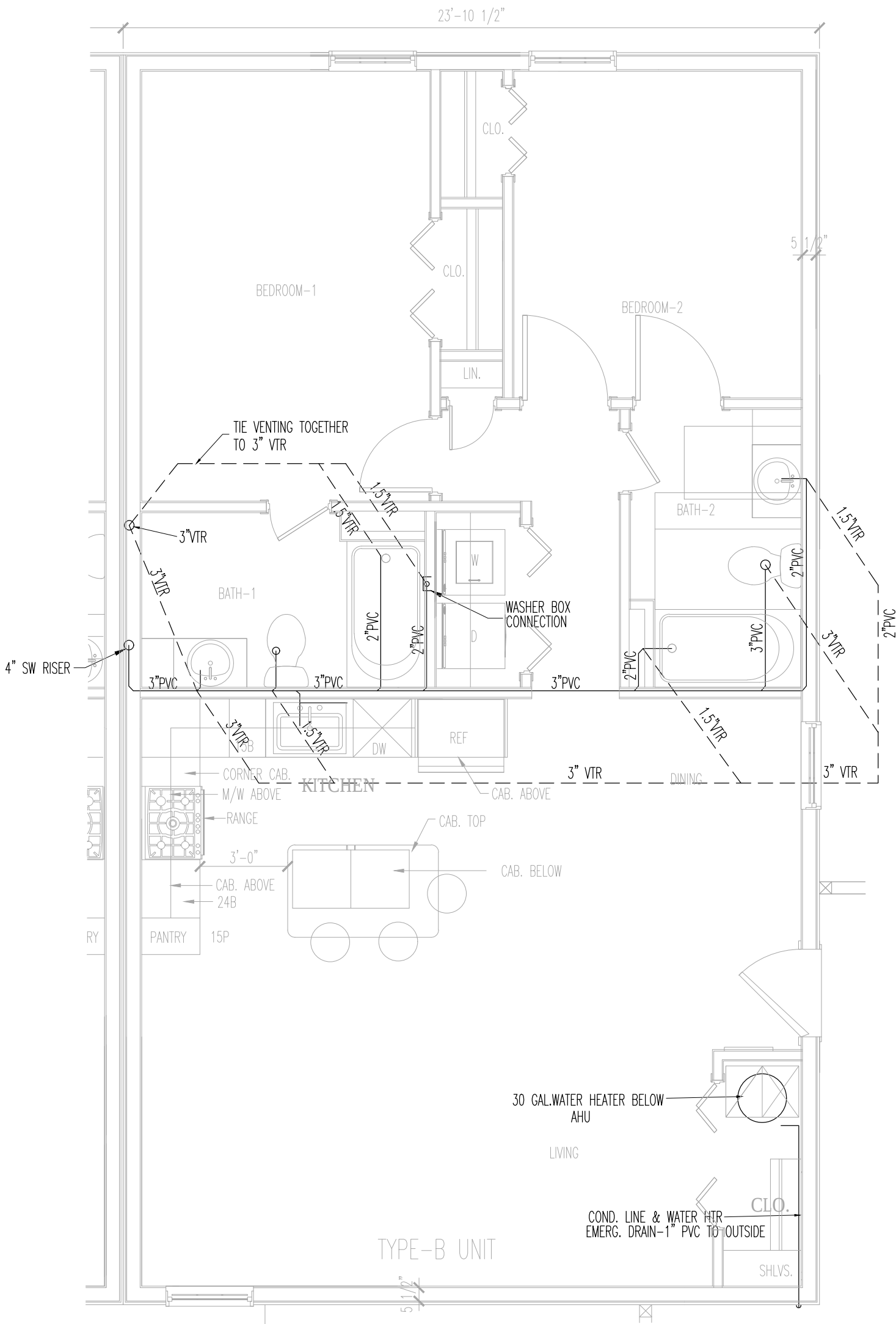
DATE: 3/10/2022
SCALE: AS SHOWN
DRAWN BY: ELB
CHECKED BY: AH
JOB NO. LONGDALE DRIVE
CAD FILE: 2225 LONGDALE DRIVE

PLUMBING DETAILS

10.02



2 WATER SUPPLY
SCALE: 1/4"=1'-0"



1 SANITARY WASTE
SCALE: 1/4"=1'-0"

ED BOWERS
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803-322-4597

DESIGN-CODE ANALYSIS
BUILDING UPFITS

BOWERS & ASSOCIATES

FORM 004

R. Gehrig Austin Jr. P.E.

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NEW PROJECT:

LONGDALE DRIVE
MULTIFAMILY ECHELON
22 UNIT APARTMENT
COMPLEX

2225 LONGDALE DRIVE
CHARLOTTE, N.C. 28217

REVISIONS:		
NO.	DATE:	COMMENT

DATE: 9/10/2022

SCALE: AS SHOWN

DRAWN BY: ELB

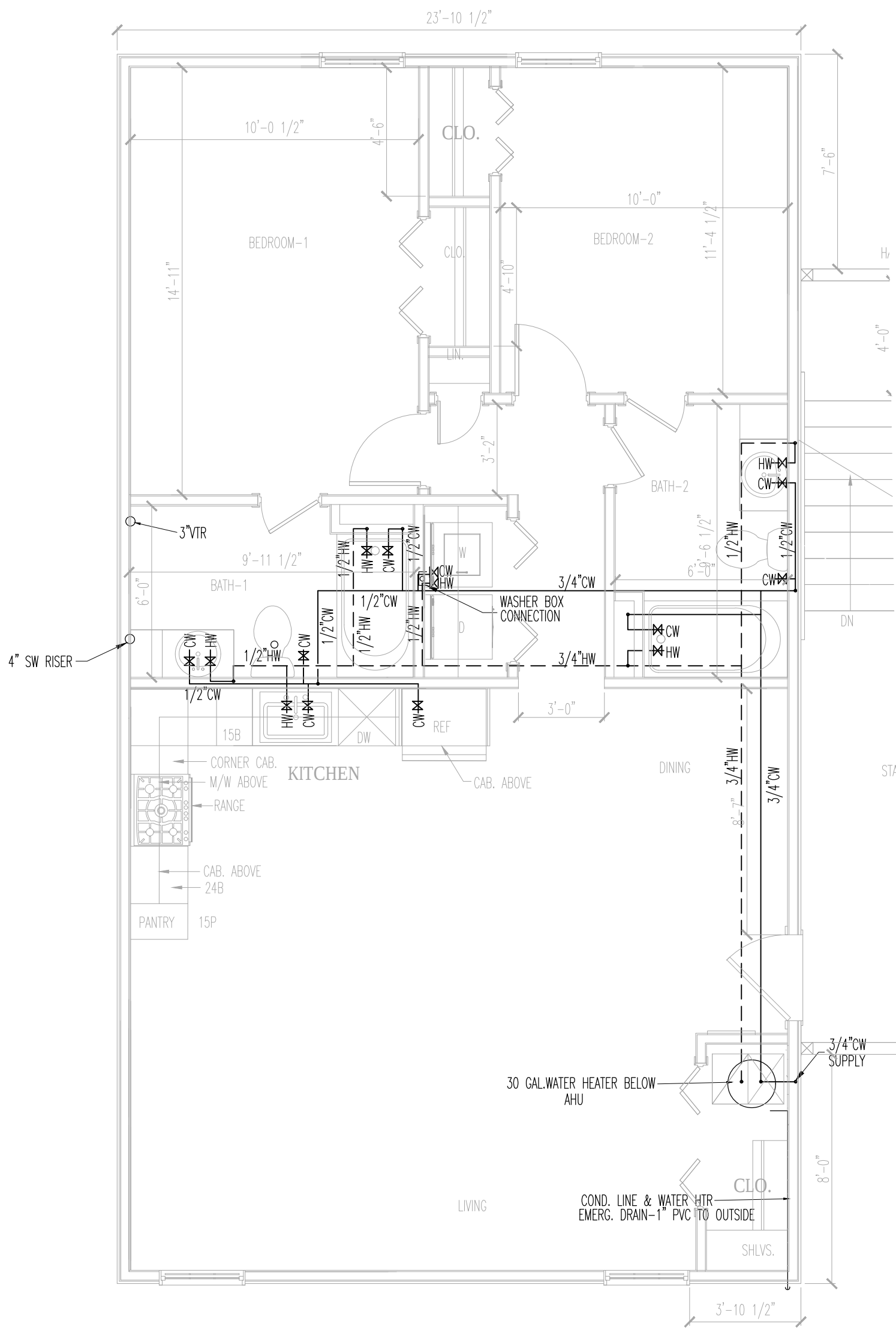
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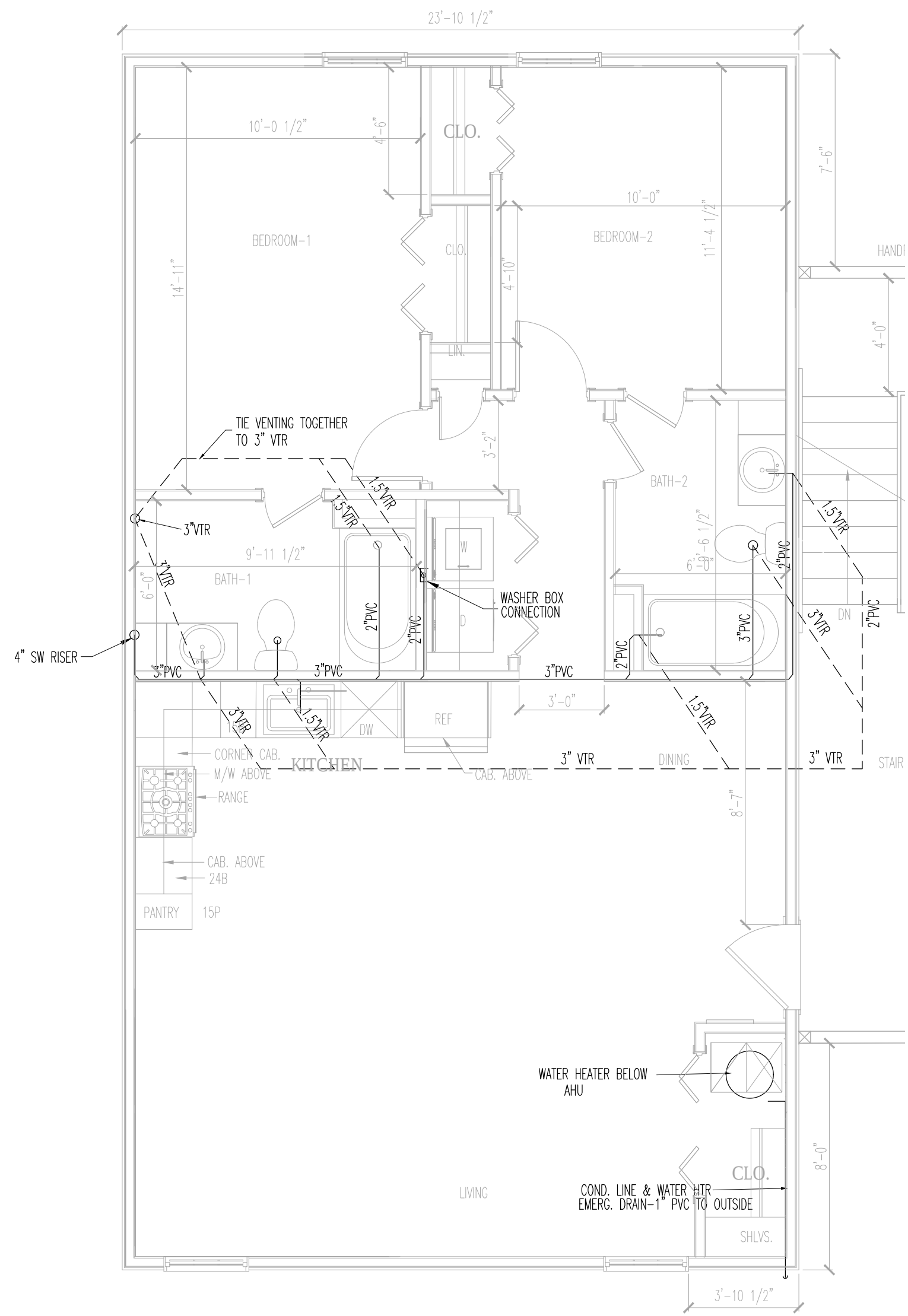
CAD FILE: 2225 LONGDALE DRIVE

ENLARGED
TYPICAL
TYPE-B

10.1



2 WATER SUPPLY
SCALE: 1/4"=1'-0"



1 SANITARY WASTE
SCALE: 1/4"=1'-0"

R. Gehrig Austin Jr. P.E.

135 MICAH LANE
IRON STATION, N.C. 28080
803-322-4597
N.C. SEAL 33233

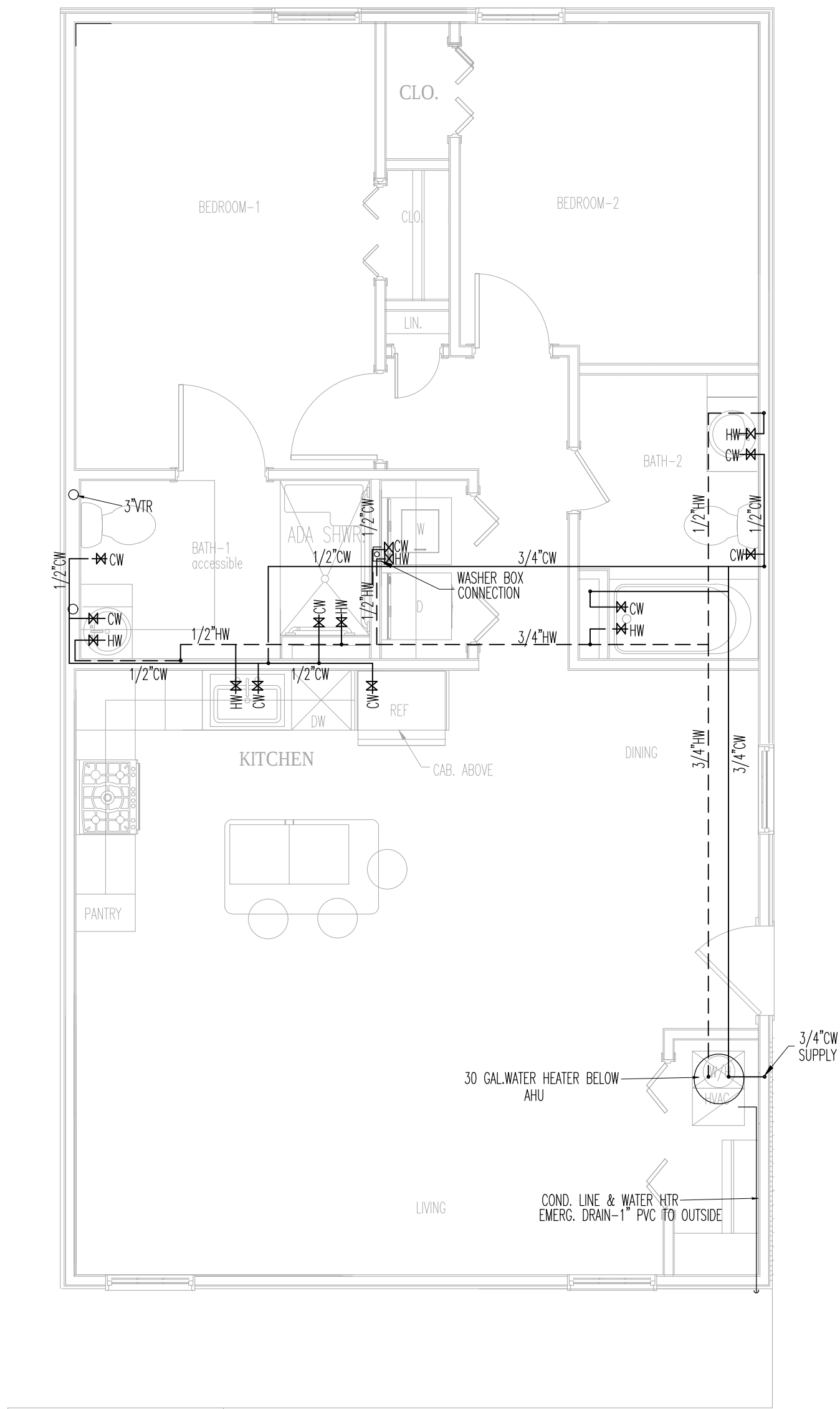
NEW PROJECT:
LONGDALE DRIVE
MULTIFAMILY ECHELON
22 UNIT APARTMENT
COMPLEX

2225 LONGDALE DRIVE
CHARLOTTE, N.C. 28217

REVISIONS:		
NO.	DATE:	COMMENT

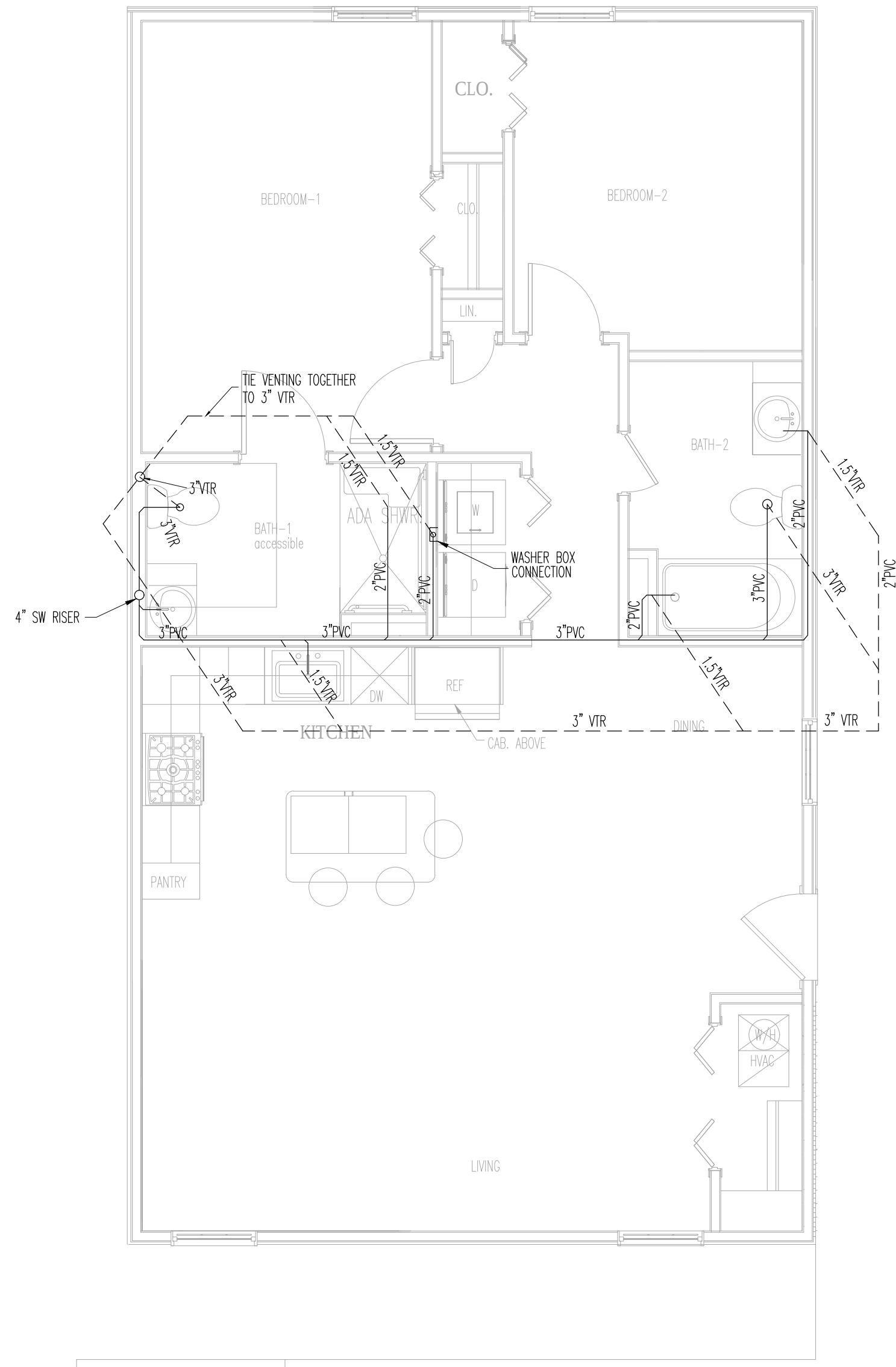
DATE: 3/10/2022
SCALE: AS SHOWN
DRAWN BY: ELB
CHECKED BY: AH
JOB NO. LONGDALE DRIVE
CAD FILE: 2225 LONGDALE DRIVE

ENLARGED
TYPICAL
PLAN



2

WATER SUPPLY PLAN
SCALE: 1/4"=1'-0"



1

SANITARY WASTE PLAN
SCALE: 1/4"=1'-0"

BOWERS & ASSOCIATES

DESIGN-CODE ANALYSIS
BUILDING UPFITS

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803-322-4597

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135 MICAH LANE
IRON STATION, N.C. 28080
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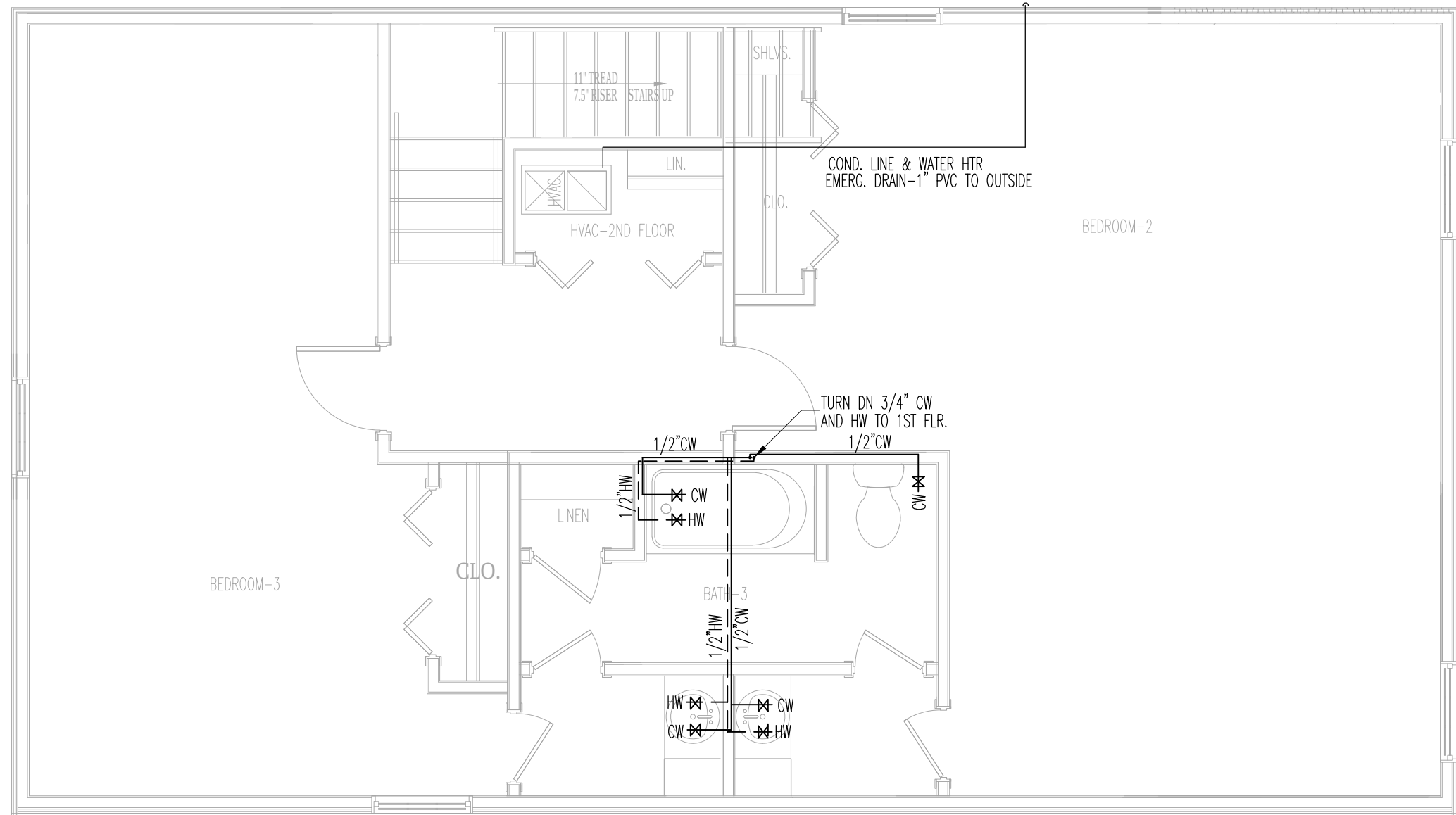
NEW PROJECT:
**LONGDALE DRIVE
MULTIFAMILY ECHELON
22 UNIT APARTMENT
COMPLEX**

2225 LONGDALE DRIVE
CHARLOTTE, N.C. 28217

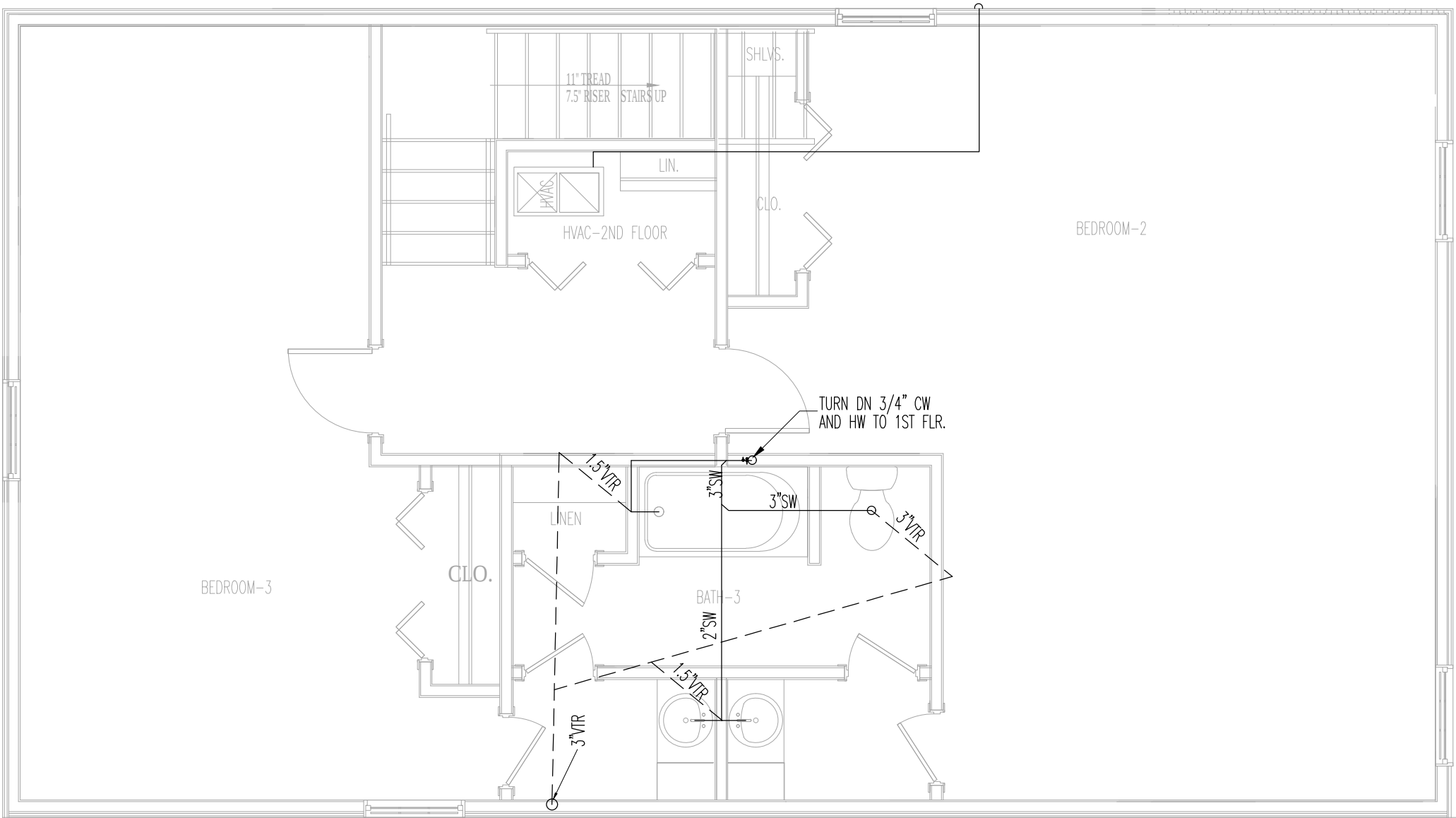
REVISIONS:		
NO.	DATE:	COMMENT

DATE: 9/10/2022
SCALE: AS SHOWN
DRAWN BY: ELB
CHECKED BY: AH
JOB NO. LONGDALE DRIVE
CAD FILE: 2225 LONGDALE DRIVE

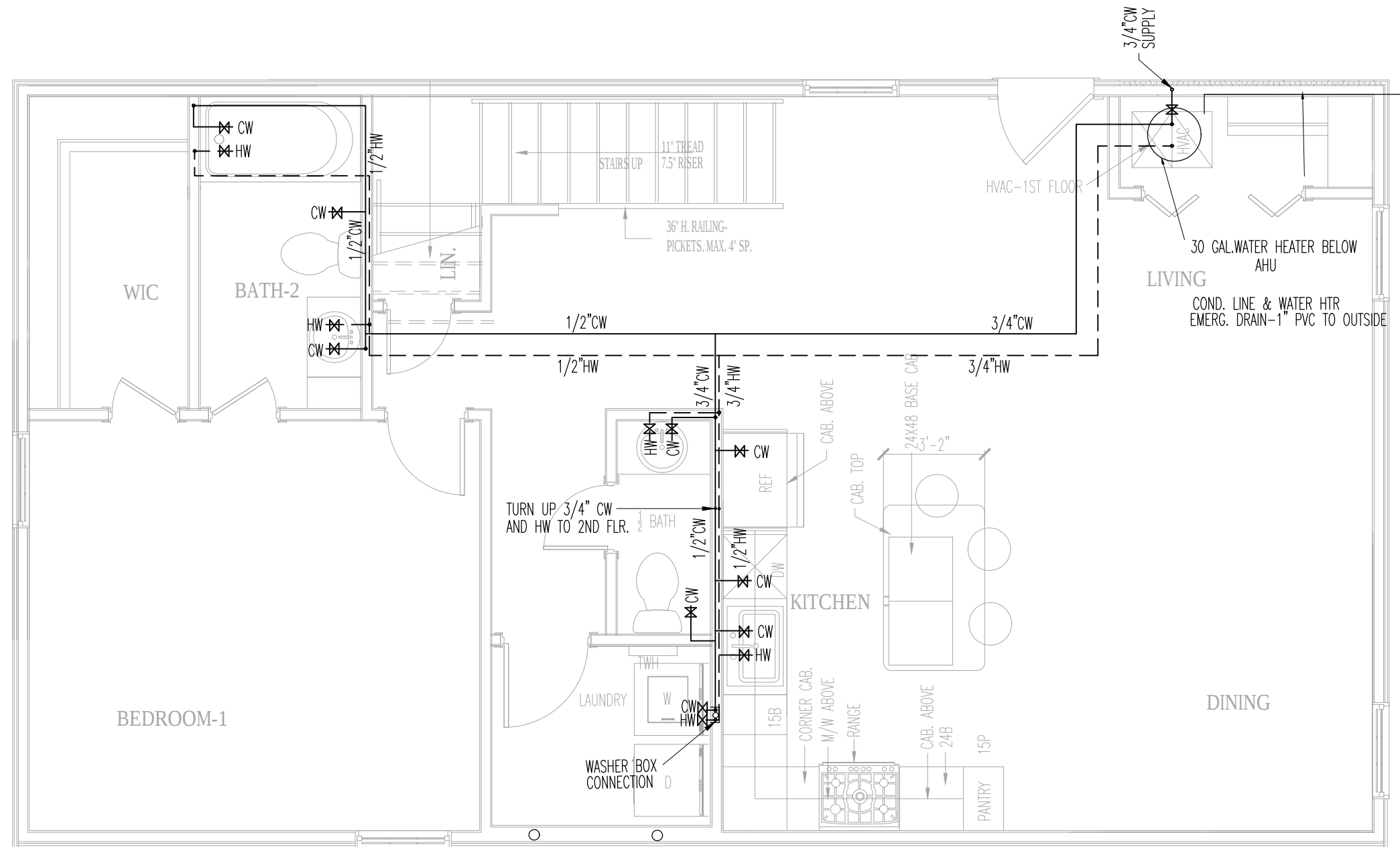
ENLARGED
TYPICAL
TYPE-A
PLAN



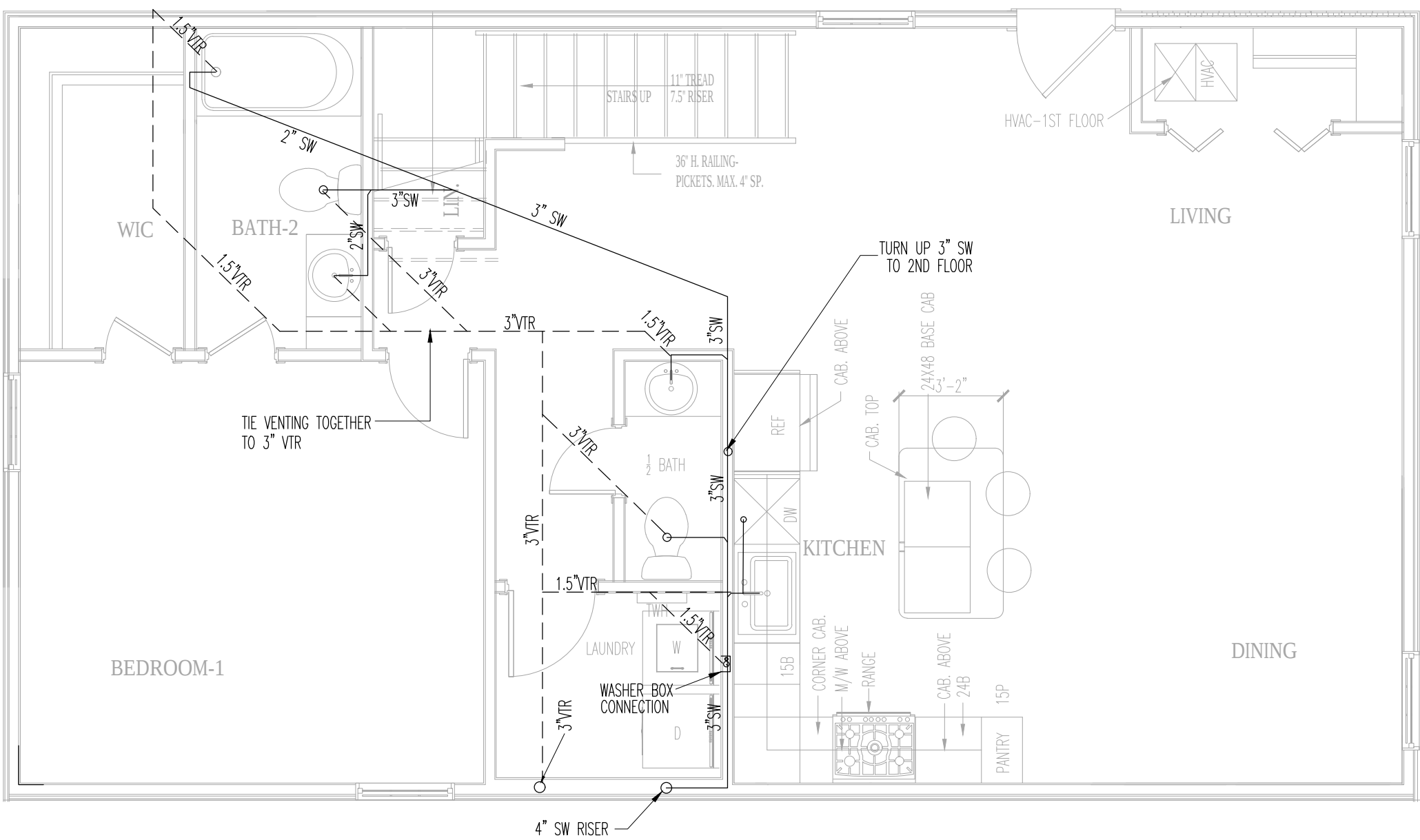
SECOND FLOOR



SECOND FLOOR



FIRST FLOOR



FIRST FLOOR

2 WATER SUPPLY PLAN
SCALE: 1/4"=1'-0"

1 SANITARY WASTE PLAN
SCALE: 1/4"=1'-0"

ED BOWERS
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YORK, S.C. 29745
803-322-4597

DESIGN-CODE ANALYSIS
BUILDING UPGITS

BOWERS & ASSOCIATES

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N.C. SEAL 33233

NEW PROJECT:
LONGDALE DRIVE
MULTIFAMILY ECHELON
22 UNIT APARTMENT
COMPLEX
2225 LONGDALE DRIVE
CHARLOTTE, N.C. 28217

REVISIONS:		
NO.	DATE:	COMMENT

DATE: 3/10/2022

SCALE: AS SHOWN

DRAWN BY: ELB

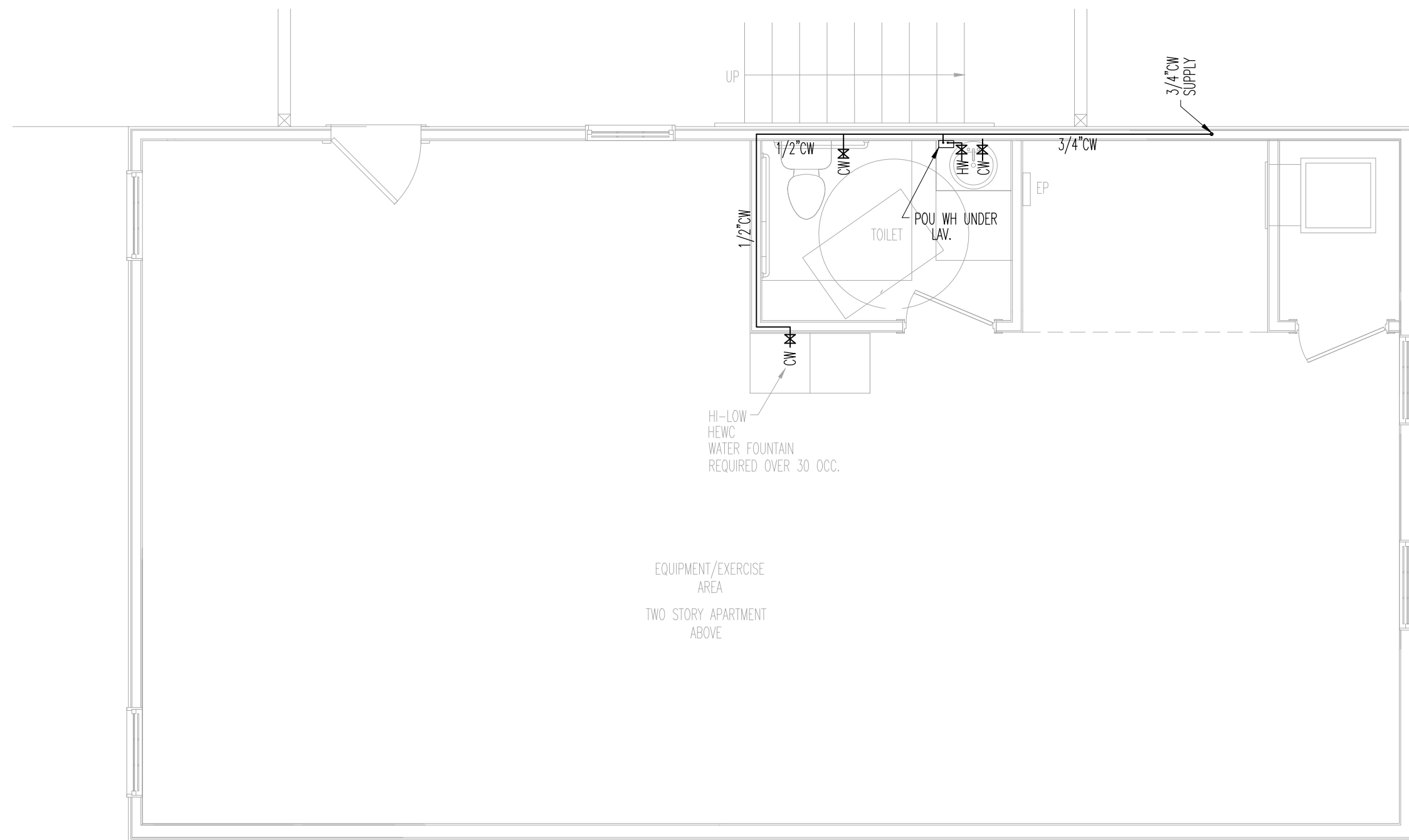
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JOB NO. LONGDALE DRIVE

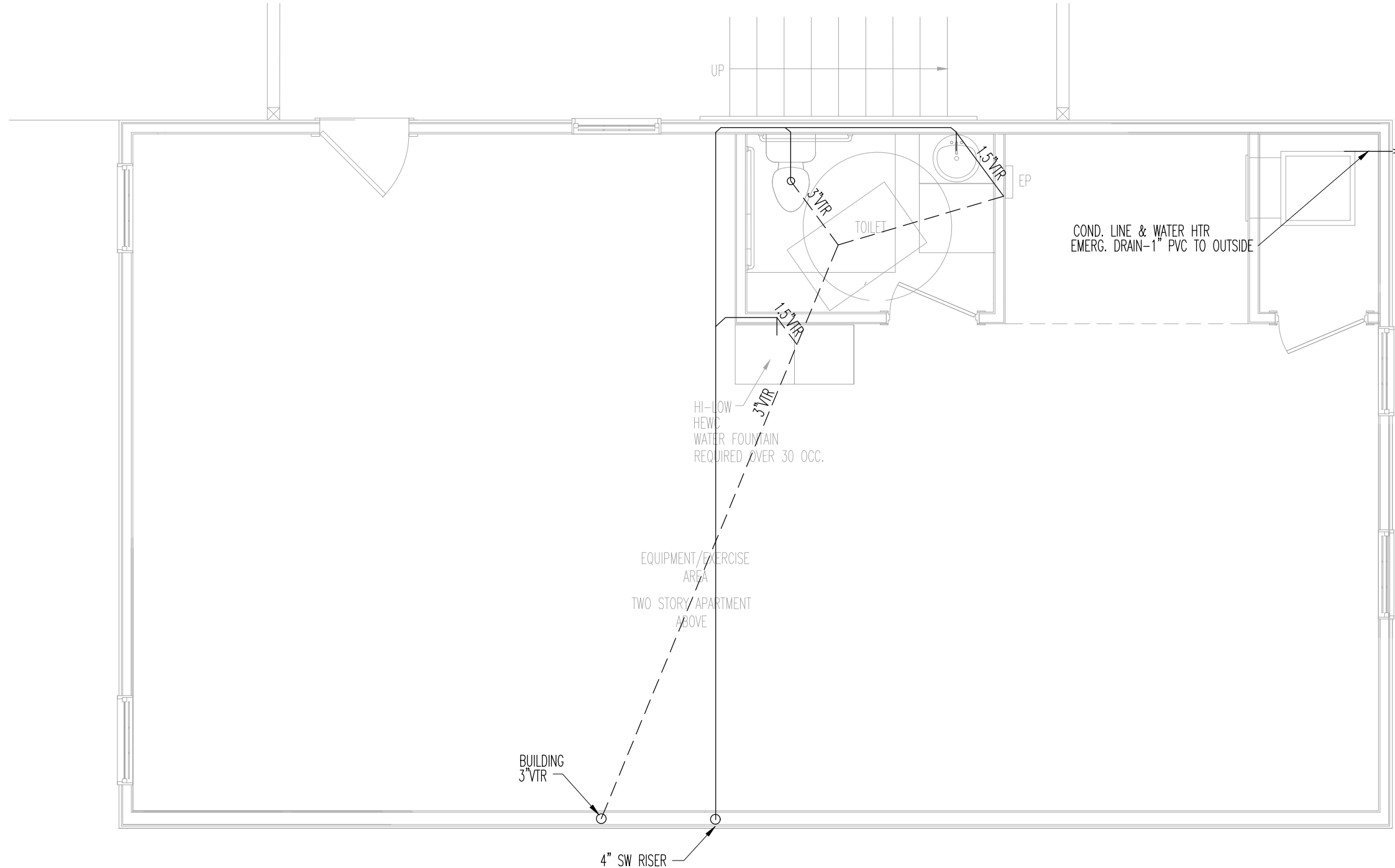
CAD FILE: 2225 LONGDALE DRIVE

ENLARGED
2 STORY
PLAN

10.4



2 WATER SUPPLY PLAN
SCALE: 1/4"=1'-0"



1 SANITARY WASTE PLAN
SCALE: 1/4"=1'-0"

BOWERS & ASSOCIATES

ED BOWERS
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YORK, S.C. 29745
803-322-4597

DESIGN-CODE ANALYSIS
BUILDING UPSETS

R. Gehrig Austin Jr. P.E.

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IRON STATION, N.C. 28080
803-322-4597
N.C. SEAL 33233

NEW PROJECT:
**LONGDALE DRIVE
MULTIFAMILY ECHELON
22 UNIT APARTMENT
COMPLEX**

2225 LONGDALE DRIVE
CHARLOTTE, N.C. 28217

REVISIONS:		
NO.	DATE	COMMENT

DATE: 3/10/2022
SCALE: AS SHOWN
DRAWN BY: ELB
CHECKED BY: AH
JOB NO. LONGDALE DRIVE
CAD FILE: 2225 LONGDALE DRIVE

**ENLARGED
TYPICAL
EXERCISE
PLAN**