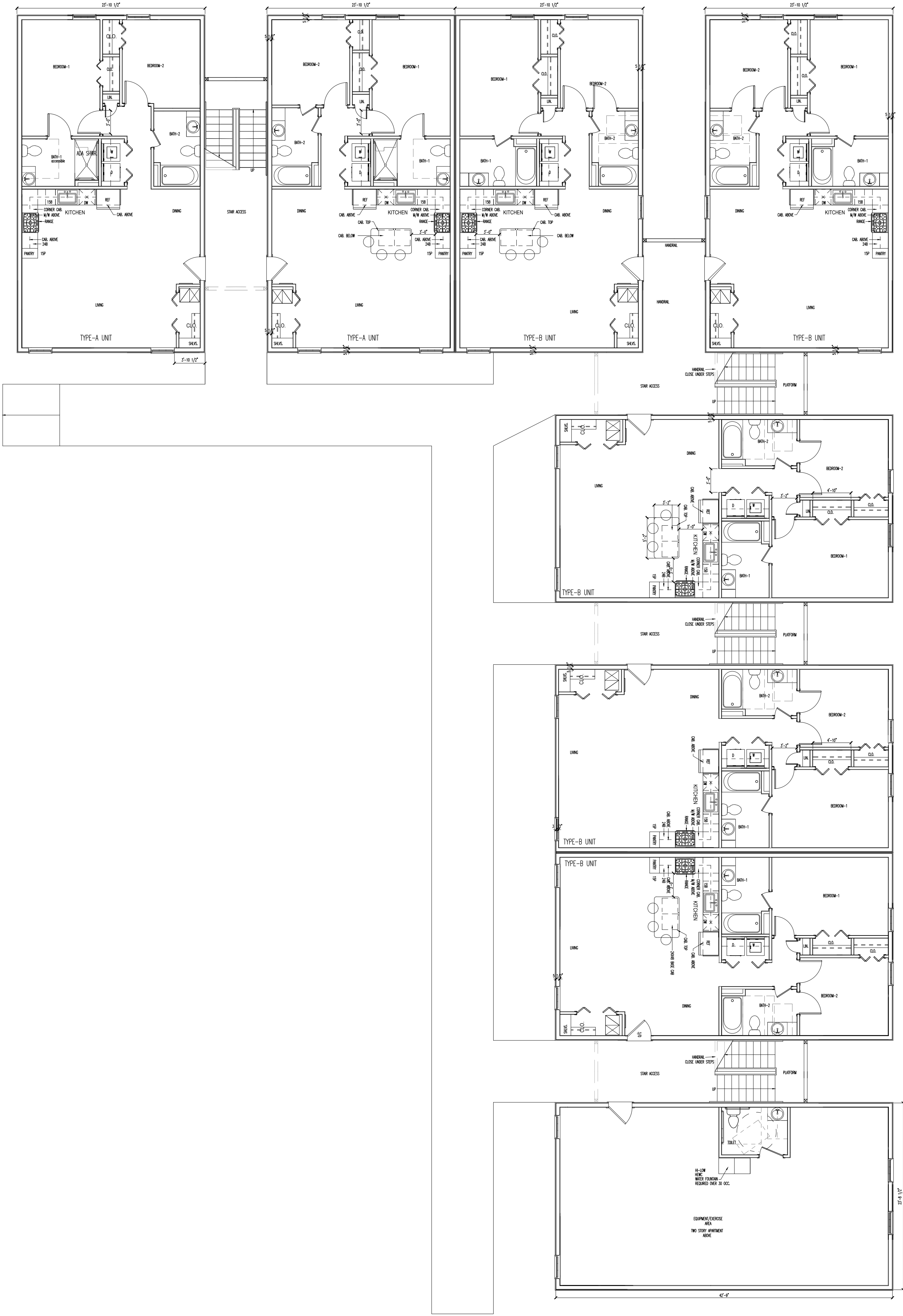




1 FIRST FLOOR PLAN
SCALE: 1/8"=1'-0"

BOWERS & ASSOCIATES

DESIGN-CODE ANALYSIS
BUILDING UPGITS

ED BOWERS
1277 CAMERON ROAD
YORK, SC 29745
803-322-4977

NEW PROJECT:
LONGDALE DRIVE
MULTIFAMILY ECHELON
22 UNIT APARTMENT
COMPLEX

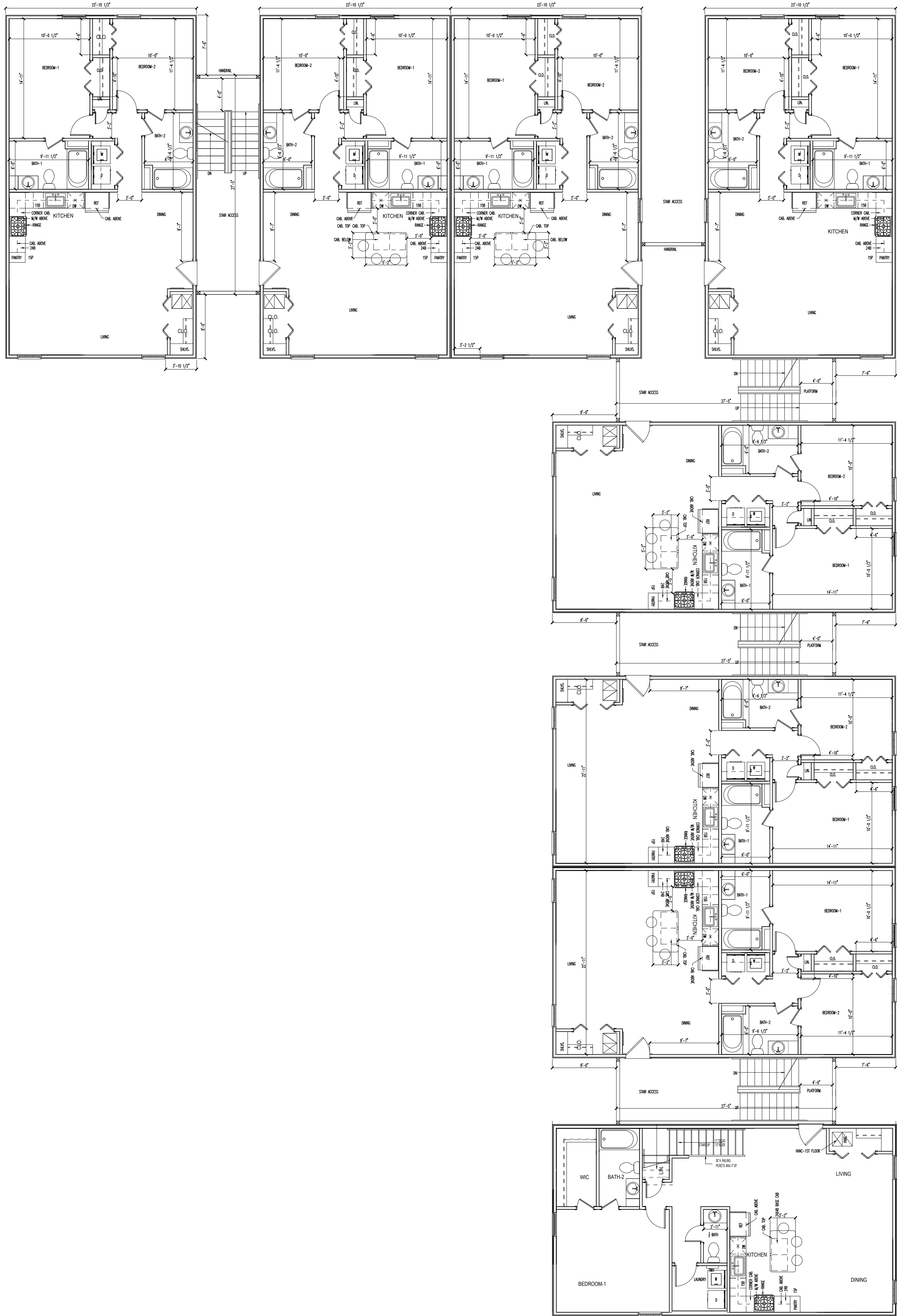
2225 LONGDALE DRIVE
CHARLOTTE, N.C. 28217

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

FIRST
FLOOR
PLAN

3.0



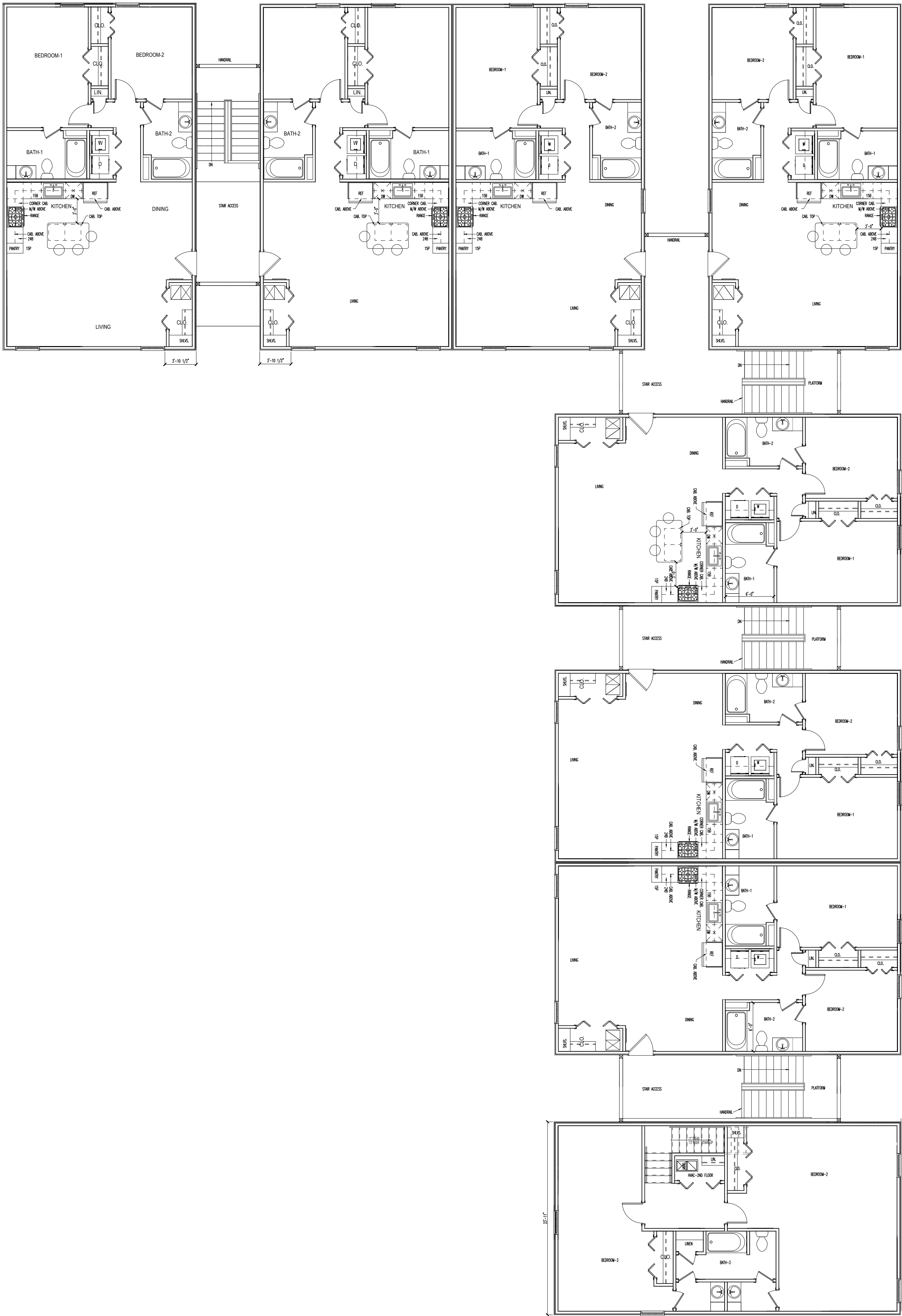
1 SECOND FLOOR PLAN
SCALE: 1/8"=1'-0"

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



1 THIRD FLOOR PLAN
SCALE: 1/8"=1'-0"

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

2225 LONGDALE DRIVE
CHARLOTTE, N.C. 28217

REVISIONS:		
NO.	DATE	COMMENT

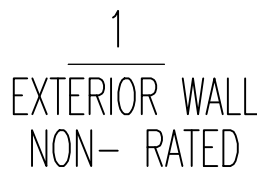
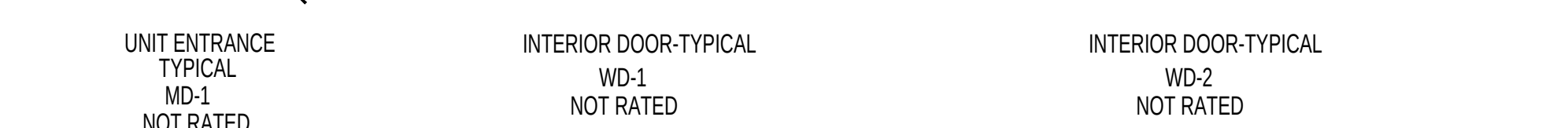
DATE: 3/10/2022
SCALE: AS SHOWN
DRAWN BY: ELB
CHECKED BY: AH
JOB NO. LONGDALE DRIVE
CAD FILE: 2225 LONGDALE DRIVE

THIRD
FLOOR
PLAN

3.2

[illegible][illegible]

FINISH SCHEDULE TYPICAL UNIT-A								
ROOM NAME	FLOOR	BASE	WALLS	CEILING		REMARKS		
1ST FLOOR	CARPET	RUBBER PLANK FLOOR LAMINATE CERAMIC TILE CONCRETE AT SLAB ON GRADE NON-ABSORB COVERING RADIUS COVED BASE VINYL	CERAMIC TILE RADIUS COVED BASE WOOD GYPSUM BD.(PAINT) NON- ABSORB. COVERING FULL HEIGHT FRP BOARD WP WALL BOARD TILE-48" HIGH	WOOD FINISH ON TRUSS PAINT OWB. ACCOUST. TILE MASPABLE ACCOUST. TILE BUILDING ENVELOPE PAINT COLOR B/O	9' 9' 9' 9'			
LIVING ROOM	X	X	X	X	X	9'		
DINING AREA	X	X	X	X	X	9'		
KITCHEN	X	X	X	X	X	9'		
BATH	X	X	X	X	X	9'		
LAUNDRY ROOM	X	X	X	X	X	9'		
HALL	X	X	X	X	X	9'		
CLOSETS	X	X	X	X	X	9'		



SCALE: 3/4"=1'-0"



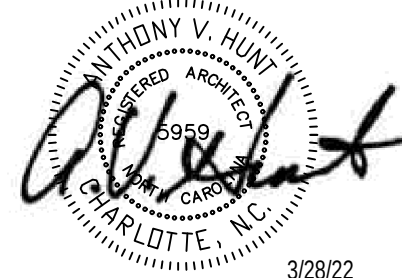
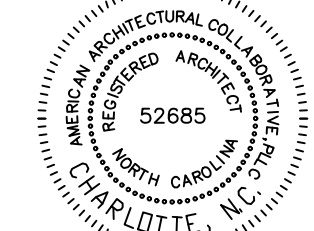
SCALE: 1/4"=1'-0"

DESIGN-CODE ANALYSIS BUILDING UPFITS

AMERICAN
ARCHITECTURE
COLLABORATIVE, PLLC

TEL: 704.333.1969

4919 ALBEMARLE ROAD, SUITE 204



3/28/22

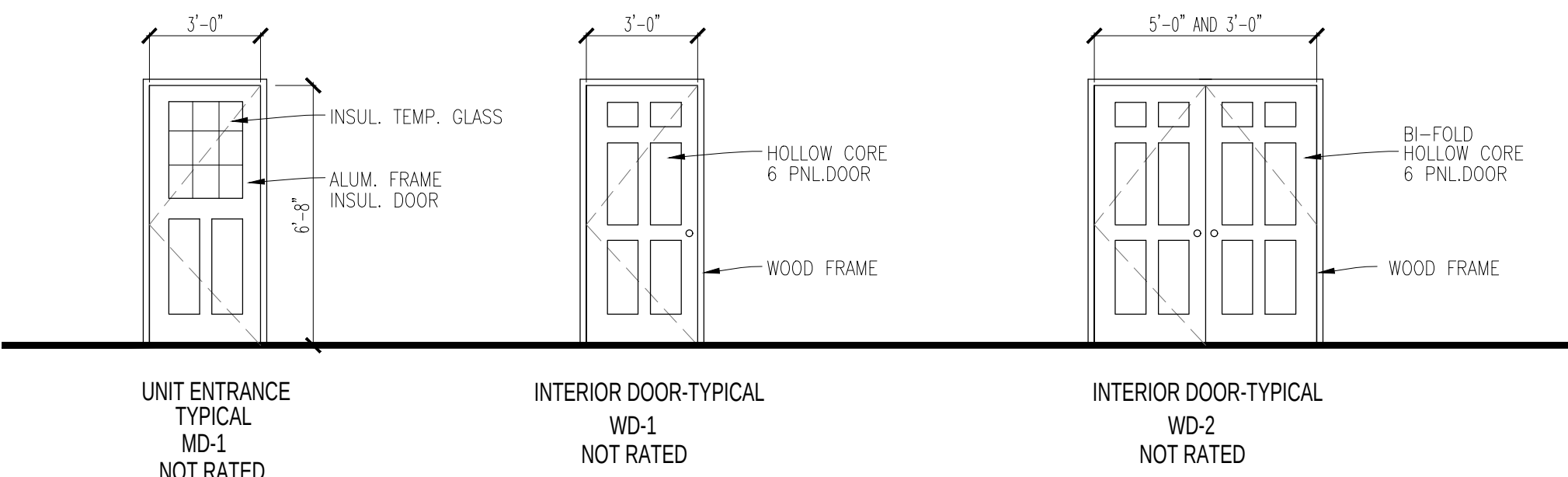
LONGDALE DRIVE
MULTIFAMILY ECHELON
22 UNIT APARTMENT
COMPLEX

[illegible]

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

TYPE-A FLOOR PLAN & SCHEDULES

3.5

[illegible][illegible][illegible]

SCALE: 3/4"=1'-0"



DESIGN-CODE ANALYSIS BUILDING UPPTS

NEW PROJECT:
LONGDALE DRIVE
MULTIFAMILY ECHELON
22 UNIT APARTMENT
COMPLEX

[illegible]

TYPE-B FLOOR PLAN & SCHEDULES

3.6

[illegible]

MARK			DOOR HARDWARE														REMARKS			
			HINGE SET	NO. HINGES/DOOR	SPRING HINGES	LOCKSET	LEVER HANDLE	PRIVACY SET	DOOR CLOSER	PANIC HARDWARE	PUSH PULL	DEAD BOLT	WEATHERSTRIP	SILENCERS	SLIDING DOOR SET	BI-FOLD SET		FLUSH SET	DOOR STOP	DOOR STOP WITH PIN LATCH
H1	NRP	3	●	●						●		●				●				ENTRY DOOR
H2	NRP	3	●	●								●				●				BEDROOMS TOILETS
H3	NRP	3																		BI-FOLD DOOR HARDWARE

[illegible]

The diagrams illustrate the construction of three different door types:

- UNIT ENTRANCE TYPICAL MD-1 NOT RATED:** This diagram shows a door with a width of 3'-0" and a height of 6'-0". The construction layers from top to bottom are: INSUL. TEMP. GLASS, ALUM. FRAME, and INSUL. DOOR.
- INTERIOR DOOR-TYPICAL WD-1 NOT RATED:** This diagram shows a door with a width of 3'-0" and a height of 6'-0". The construction layers from top to bottom are: HOLLOW CORE 6 PNL.DOOR, WOOD FRAME, and INSUL. DOOR.
- INTERIOR DOOR-TYPICAL WD-2 NOT RATED:** This diagram shows a door with a width of 5'-0" AND 3'-0" and a height of 6'-0". The construction layers from top to bottom are: BI-FOLD HOLLOW CORE 6 PNL.DOOR, WOOD FRAME, and INSUL. DOOR.

[illegible]

SCALE: 3/4"=1'-0"

DOOR SCHEDULE—TYPICAL UNIT—A													
	DOOR				FRAME			DETAIL				HARDWARE	REMARKS
	SIZE	TYPE	MATERIAL	LABEL	SIZE	TYPE	MATERIAL	HEAD	JAMB	SILL	NOTES:	HARDWARE	
D1	3/0 X 6/8	MD—1	ENTRY DOOR MTL. INSULATED	NONE			WOOD					H1	D1
D2	3/0 X 6/8	WD—2	6 PANEL H/C	NONE			WOOD					H2	D2

HARDWARE SCHEDULE													
MARK	HINGE SET		NO. HINGES/DOOR		SPRING HINGES		LOCKSET		LEVER HANDLE		PRIVACY SET		REMARKS
H1	NRP	3											ENTRY DOOR
H2	NRP	3											BEDROOMS TOILETS
H3	NRP	3											BI-FOLD DOOR HARDWARE

ABBREVIATIONS:
RP REMOVABLE PIN
NRP NON-REMOVABLE PIN

FINISH SCHEDULE TYPICAL UNIT-A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
ROOM NAME		FLOOR			BASE		WALLS			CEILING					REMARKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
1ST FLOOR		CARPET	RUBBER PLANK FLOOR		LAMINATE		CERAMIC TILE		CONCRETE AT JOINT		QUARRY TILE		RADIUS COVERED BASE		VINYL		CERAMIC TILE		RADIUS COVERED BASE		WOOD		GYPSUM BD (PAINT)		NON-ABSORB. COVERING FULL HEIGHT FRP BOARD		WP WALL BOARD		TILE - 48" HIGH		WOOD FINISH ON TRUSS		PAINT GWB.		ACCOUST. TILE		ACCOUST. TILE		ACCOUST. TILE		BUILDING ENVELOPE PAINT COLOR B/Y		CEILING HT.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	EXERCISE AREA		X	X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

a) Class C interior finish materials shall be permitted for wainscoting or paneling of not more than 1,000 square feet of applied surface area in the grade lobby where applied directly to a noncombustible base or over furring strips applied to a noncombustible base and fireblocked as required.

b) In vertical exits of buildings less than three stories in height of other than group I-3, class b interior finish for unsprinklered buildings and Class C interior finish for sprinklered buildings shall be permitted.

c) Requirements for rooms and enclosed spaces shall be based upon spaces enclosed by partitions. Where a fire-resistance rating is required for structural elements, the enclosing partitions shall extend from the floor to the ceiling. partitions that do not comply with this shall be considered enclosing spaces and the rooms or spaces on both sides shall be considered one. In determining the applicable requirements for rooms and enclosed spaces, the specific occupancy thereof shall be the governing factor regardless of the group classification of the building or structure.

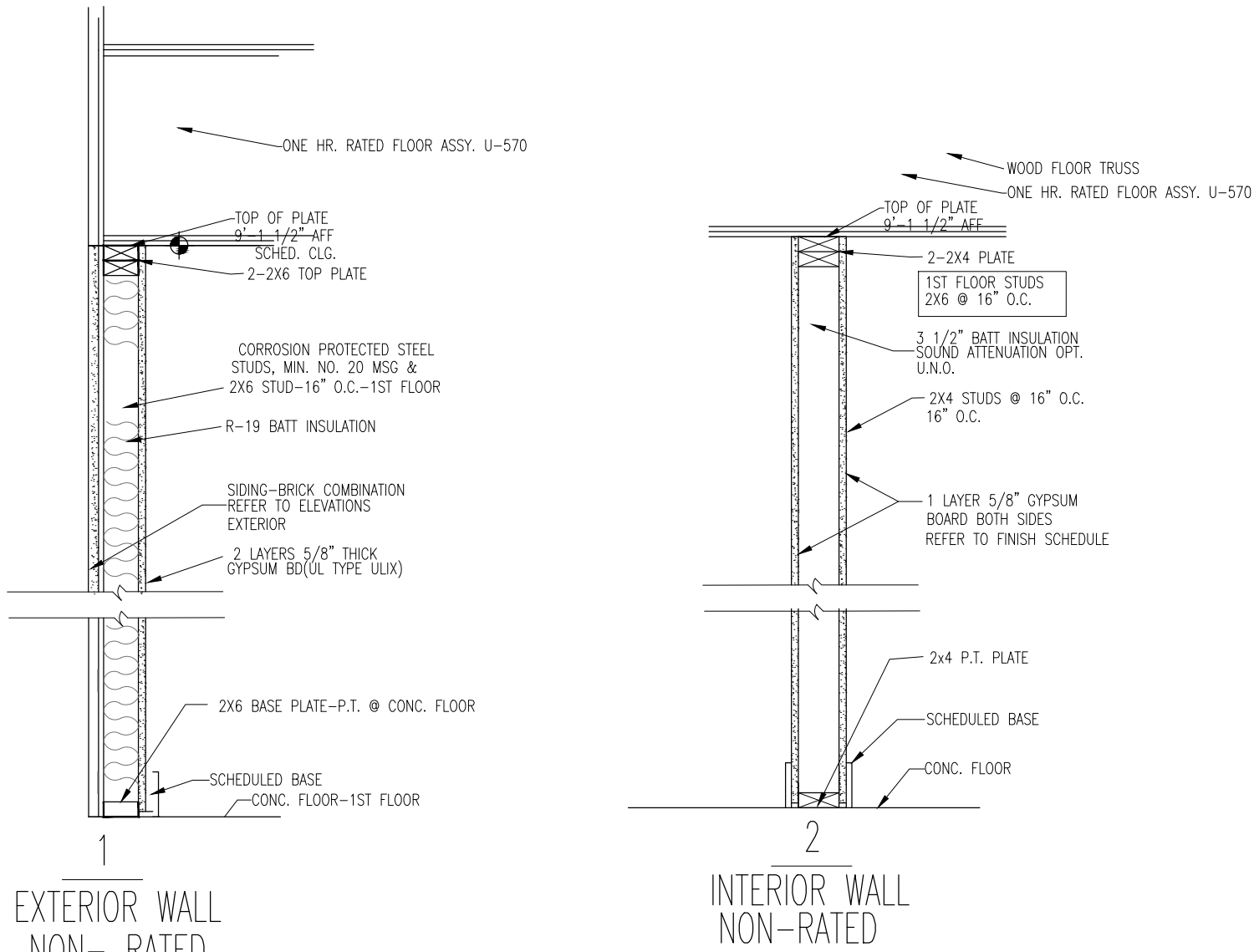
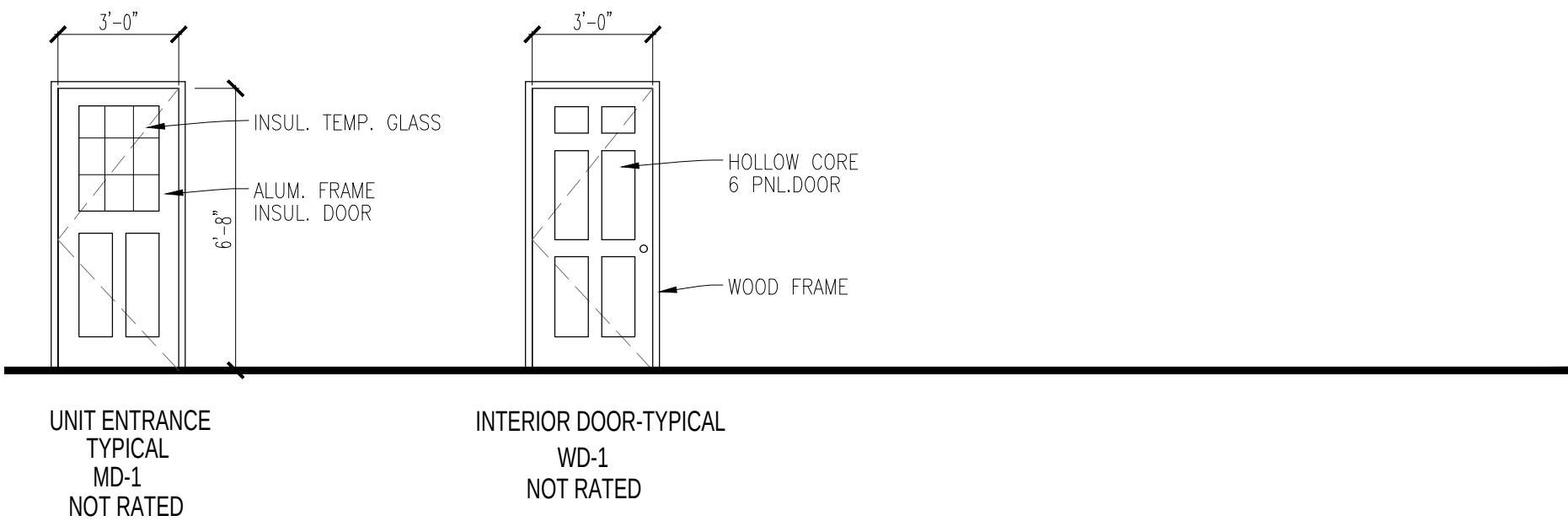
General. Interior wall and ceiling finishes shall be classified in accordance with ASTM E 84. such interior finish materials shall be grouped in the following classes in accordance with their flame spread and smoke-developed index.

Class A: flame spread 0-25; smoke developed 0-450.
Class B: flame spread 26-75; smoke developed 0-450.
Class C: flame spread 76-200; smoke developed 0-450.

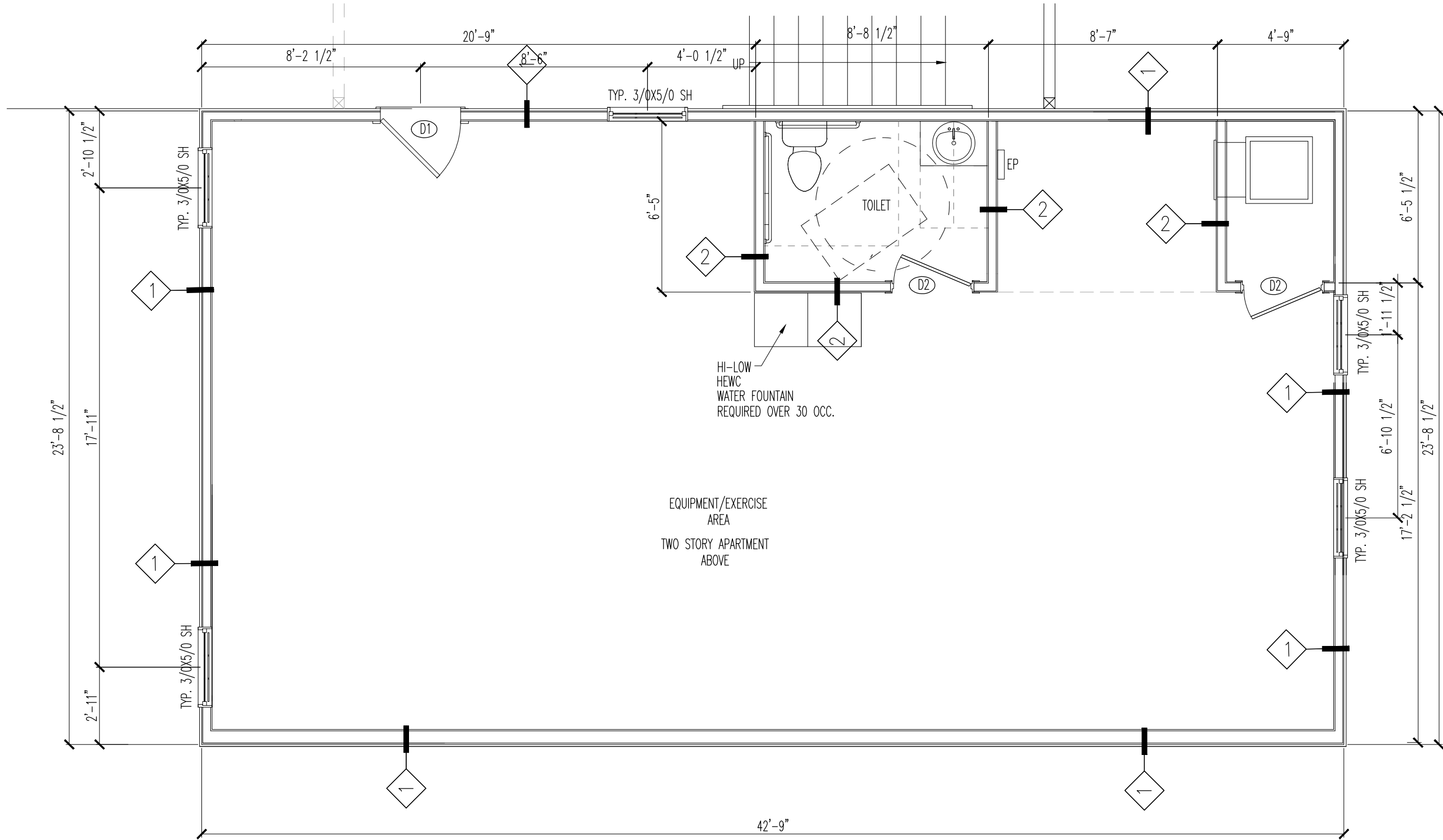
Interior floor finish requirements. In all occupancies, interior floor finish in vertical exits, exit passageways, exit access corridors, and rooms or spaces not separated from exit access corridors by full-height partitions extending from the floor to the underside of the ceiling shall withstand a minimum critical radiant flux as required

Minimum critical radiant flux. Interior floor finish in vertical exits, exit passageways and exit access corridors shall not be less than Class I in Groups I-2 and I-3 and not less than Class II in Groups A, B, E, H, I-4, M, R-1, R-2, and S. In all other areas, the interior floor finish shall comply with the DOC FF-1 "pill test" (CPSC 16 CFR 1630).

EXCEPTION: Where a building is equipped throughout with an automatic sprinkler system in accordance with §903.3.1.1, Class II materials are permitted in any area where Class I materials are required and materials complying with DOC FF-1 "pill test" (CPSC 16 CFR 1630) are permitted in any area where Class II materials are required.



2 WALL TYPES SCALE: 3/4"=1'-0"



1 EXERCISE UNIT FLOOR PLAN SCALE: 1/4"=1'-0"

BOWERS & ASSOCIATES

ED BOWERS
1277 CAMERON ROAD
YORK, S.C. 29745
803-322-4977

DESIGN-CODE ANALYSIS
BUILDING UPGITS

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

2225 LONGDALE DRIVE
CHARLOTTE, N.C. 28217

REVISIONS:		
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EXERCISE UNIT
FLOOR PLAN
& SCHEDULES