

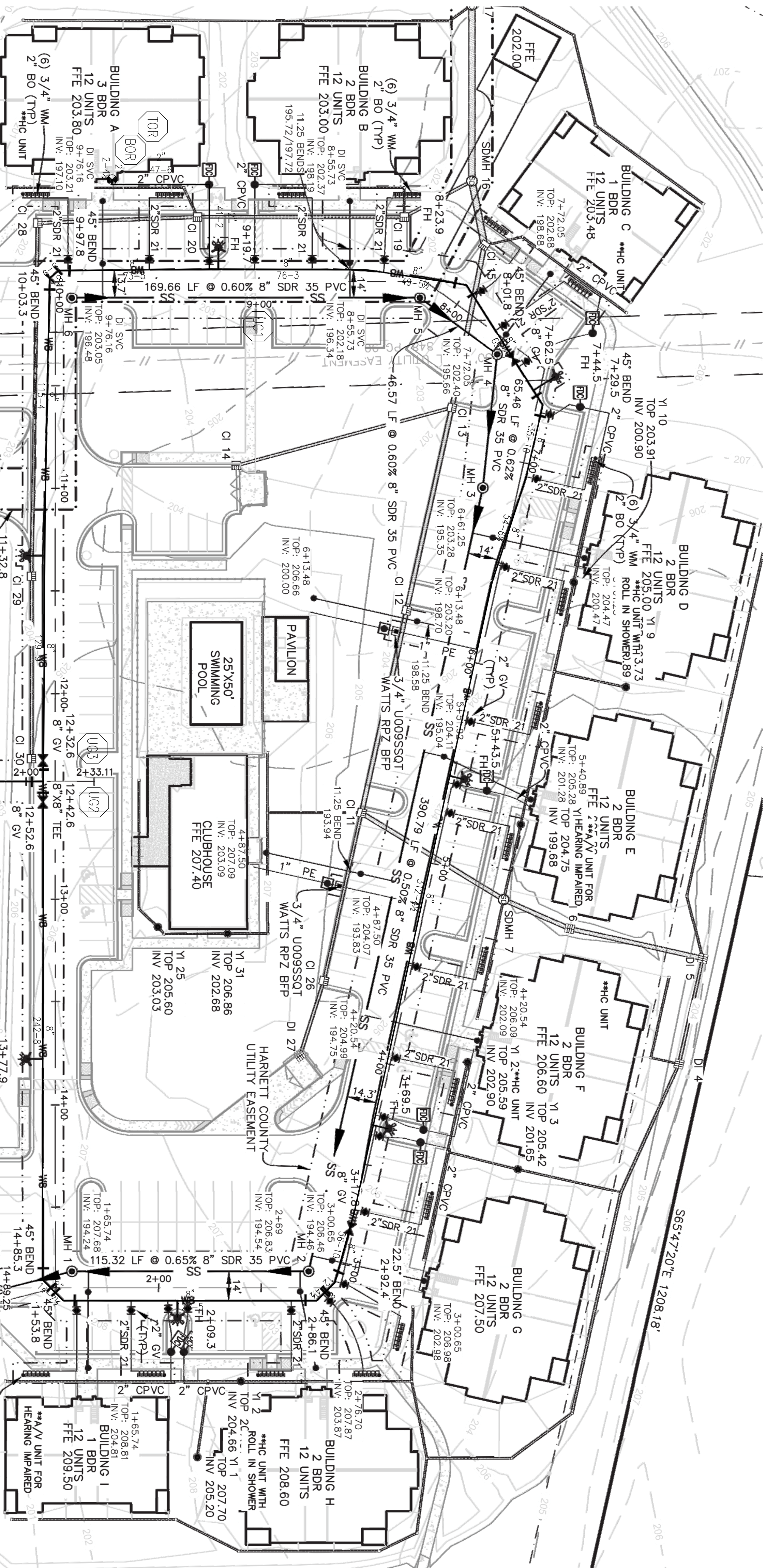
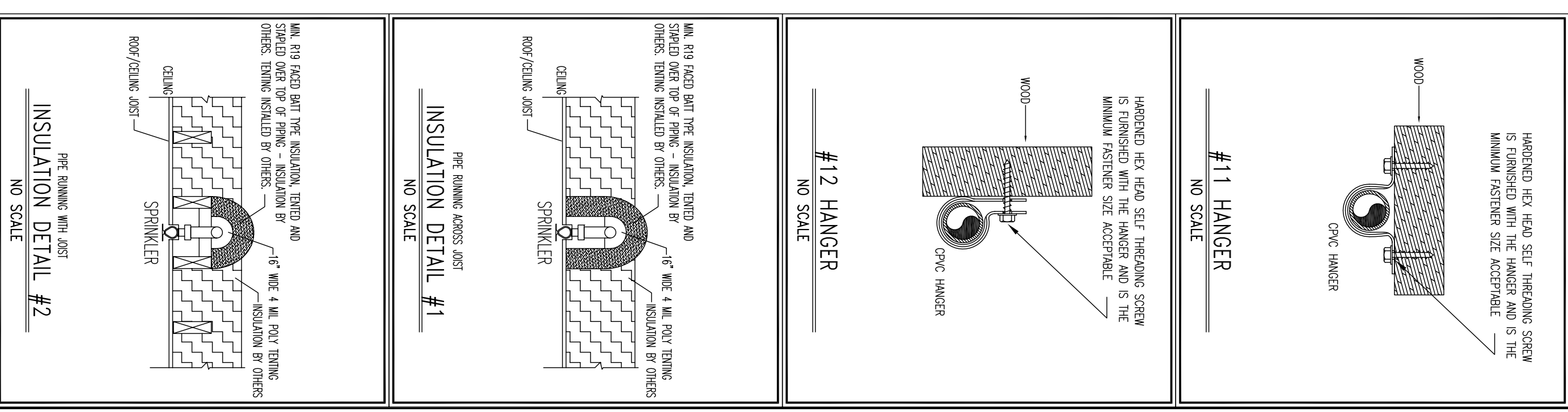
3-1 BED - FIRST FLOOR (BUILDING C.1)
FP-1 SCALE: 1/8" = 1'-0"

3-1 BED - SECOND FLOOR (BUILDING C.1)
FP-1 SCALE: 1/8" = 1'-0"

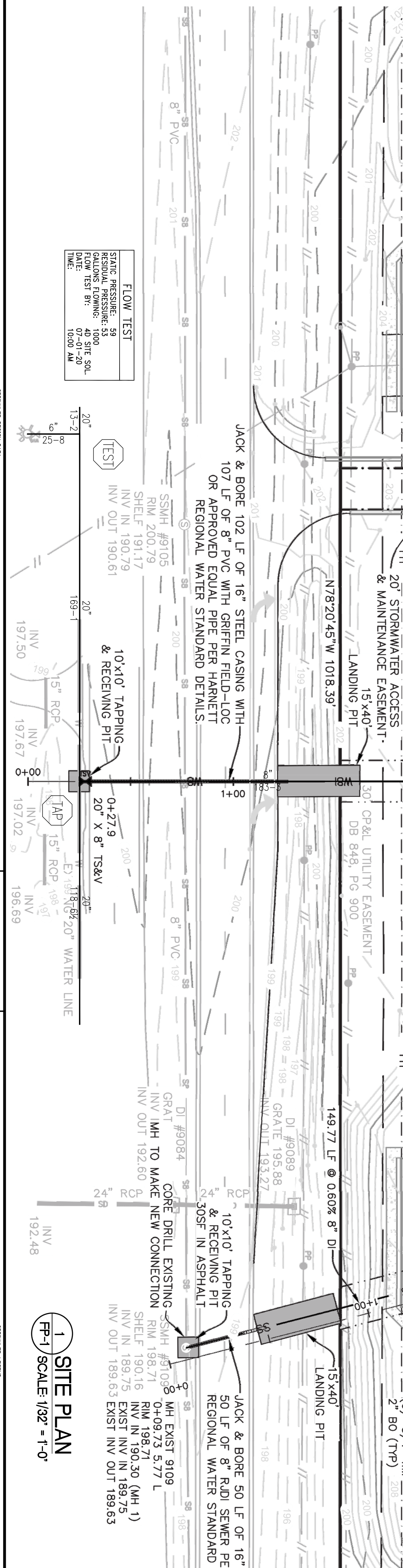
3-1 BED - THIRD FLOOR (BUILDING C.1)
FP-1 SCALE: 1/8" = 1'-0"

GENERAL FIRE PROTECTION NOTES:

- * ALL WORKMANSHIP AND MATERIALS SHALL BE PER NFPA 103 STANDARDS AND ALL APPLICABLE LOCAL CODES.
- * THE PROTECTIVE COVERINGS SHALL BE INSTALLED PER THE MANUFACTURER'S INSTRUCTIONS FOR ALL TYPES OF THE BUILDING OR STRUCTURE.
- * COATING OF STRUCTURAL OR ARCHITECTURAL MEMBERS ARE TO BE PERFORMED ONLY WITH THE WRITTEN APPROVAL OF THE ARCHITECT OR STRUCTURAL ENGINEER.
- * ANY RATED WALL OR FLOOR PENETRATIONS ARE TO BE FIRE STOPPED PER THE APPLICABLE DETAIL.
- * THE PROTECTION SHALL BE INSTALLED PER THE APPROVED PLANS AND SHALL BE MADE WITHOUT THE APPROVAL OF RELIABLE FIRE PROTECTION, LLC MANAGEMENT.
- * ANY AND ALL CHANGES MADE DURING INSTALLATION SHALL BE RECORDED AND RETURNED TO THE DESIGN DEPARTMENT FOR AS BUILT DRAWINGS.
- * THE JOB FOREMAN IS TO REVIEW ALL NOTES AND DETAILS BEFORE STARTING INSTALLATION BRING ANY DISCREPANCIES BETWEEN THIS PLAN AND RECORD FIELD CONDITIONS TO THE CONSTRUCTION AND DESIGN DEPARTMENTS ATTENTION IMMEDIATELY.
- * RELIABLE FIRE PROTECTION, LLC SHALL OBTAIN A CERTIFIED FLOUSING CERTIFICATE BEFORE ASSEMBLING THE RIGER CONDUCTIVE TUBES / ALUMINUM DEVICES SHALL BE TIED INTO THE FIRE ALARM SYSTEM BY THE OWNER'S RELIABLE CONTRACTOR.
- * RELIABLE FIRE PROTECTION - SCOPE OF WORK:
- * STARTING 1'-0" AFF. AT THE 1" PVC CONNECTION INSTALLED BY OTHERS, INSTALL A COMPLETE AND WORKING WET PIPE FIRE SPRINKLER SYSTEM DESIGNED BY NFPA 13B STANDARDS.



2 RISER DETAIL
FP-1 SCALE: 1/2" = 1'-0"



1 SITE PLAN
FP-1 SCALE: 1/32" = 1'-0"

NO.	SYMBOL	DESCRIPTION	AMOUNT	UNIT	REMARKS
1	1	CONCRETE	196	CY	
2	2	REINFORCING	400	LB	
3	3	FORMWORK	100	SQ. YD.	
4	4	PAVING	1500	SQ. YD.	
5	5	LANDSCAPING	100	SQ. YD.	
6	6	SEWER	100	LINEAL FT.	
7	7	WATER	100	LINEAL FT.	
8	8	ELECTRICAL	100	LINEAL FT.	
9	9	MECHANICAL	100	LINEAL FT.	
10	10	PAINT	100	SQ. YD.	
11	11	FINISH	100	SQ. YD.	
12	12	LANDSCAPING	100	SQ. YD.	
13	13	UTILITIES	100	LINEAL FT.	
14	14	CONCRETE	100	CY	
15	15	REINFORCING	100	LB	
16	16	FORMWORK	100	SQ. YD.	
17	17	PAVING	100	SQ. YD.	
18	18	LANDSCAPING	100	SQ. YD.	
19	19	SEWER	100	LINEAL FT.	
20	20	WATER	100	LINEAL FT.	
21	21	ELECTRICAL	100	LINEAL FT.	
22	22	MECHANICAL	100	LINEAL FT.	
23	23	PAINT	100	SQ. YD.	
24	24	FINISH	100	SQ. YD.	
25	25	LANDSCAPING	100	SQ. YD.	
26	26	UTILITIES	100	LINEAL FT.	
27	27	CONCRETE	100	CY	
28	28	REINFORCING	100	LB	
29	29	FORMWORK	100	SQ. YD.	
30	30	PAVING	100	SQ. YD.	
31	31	LANDSCAPING	100	SQ. YD.	
32	32	SEWER	100	LINEAL FT.	
33	33	WATER	100	LINEAL FT.	
34	34	ELECTRICAL	100	LINEAL FT.	
35	35	MECHANICAL	100	LINEAL FT.	
36	36	PAINT	100	SQ. YD.	
37	37	FINISH	100	SQ. YD.	
38	38	LANDSCAPING	100	SQ. YD.	
39	39	UTILITIES	100	LINEAL FT.	
40	40	CONCRETE	100	CY	
41	41	REINFORCING	100	LB	
42	42	FORMWORK	100	SQ. YD.	
43	43	PAVING	100	SQ. YD.	
44	44	LANDSCAPING	100	SQ. YD.	
45	45	SEWER	100	LINEAL FT.	
46	46	WATER	100	LINEAL FT.	
47	47	ELECTRICAL	100	LINEAL FT.	
48	48	MECHANICAL	100	LINEAL FT.	
49	49	PAINT	100	SQ. YD.	
50	50	FINISH	100	SQ. YD.	
51	51	LANDSCAPING	100	SQ. YD.	
52	52	UTILITIES	100	LINEAL FT.	
53	53	CONCRETE	100	CY	
54	54	REINFORCING	100	LB	
55	55	FORMWORK	100	SQ. YD.	
56	56	PAVING	100	SQ. YD.	
57	57	LANDSCAPING	100	SQ. YD.	
58	58	SEWER	100	LINEAL FT.	
59	59	WATER	100	LINEAL FT.	
60	60	ELECTRICAL	100	LINEAL FT.	
61	61	MECHANICAL	100	LINEAL FT.	
62	62	PAINT	100	SQ. YD.	
63	63	FINISH	100	SQ. YD.	
64	64	LANDSCAPING	100	SQ. YD.	
65	65	UTILITIES	100	LINEAL FT.	
66	66	CONCRETE	100	CY	
67	67	REINFORCING	100	LB	
68	68	FORMWORK	100	SQ. YD.	
69	69	PAVING	100	SQ. YD.	
70	70	LANDSCAPING	100	SQ. YD.	
71	71	SEWER	100	LINEAL FT.	
72	72	WATER	100	LINEAL FT.	
73	73	ELECTRICAL	100	LINEAL FT.	
74	74	MECHANICAL	100	LINEAL FT.	
75	75	PAINT	100	SQ. YD.	
76	76	FINISH	100	SQ. YD.	
77	77	LANDSCAPING	100	SQ. YD.	
78	78	UTILITIES	100	LINEAL FT.	
79	79	CONCRETE	100	CY	
80	80	REINFORCING	100	LB	
81	81	FORMWORK	100	SQ. YD.	
82	82	PAVING	100	SQ. YD.	
83	83	LANDSCAPING	100	SQ. YD.	
84	84	SEWER	100	LINEAL FT.	
85	85	WATER	100	LINEAL FT.	
86	86	ELECTRICAL	100	LINEAL FT.	
87	87	MECHANICAL	100	LINEAL FT.	
88	88	PAINT	100	SQ. YD.	
89	89	FINISH	100	SQ. YD.	
90	90	LANDSCAPING	100	SQ. YD.	
91	91	UTILITIES	100	LINEAL FT.	
92	92	CONCRETE	100	CY	
93	93	REINFORCING	100	LB	
94	94	FORMWORK	100	SQ. YD.	
95	95	PAVING	100	SQ. YD.	
96	96	LANDSCAPING	100	SQ. YD.	
97	97	SEWER	100	LINEAL FT.	
98	98	WATER	100	LINEAL FT.	
99	99	ELECTRICAL	100	LINEAL FT.	
100	100	MECHANICAL	100	LINEAL FT.	

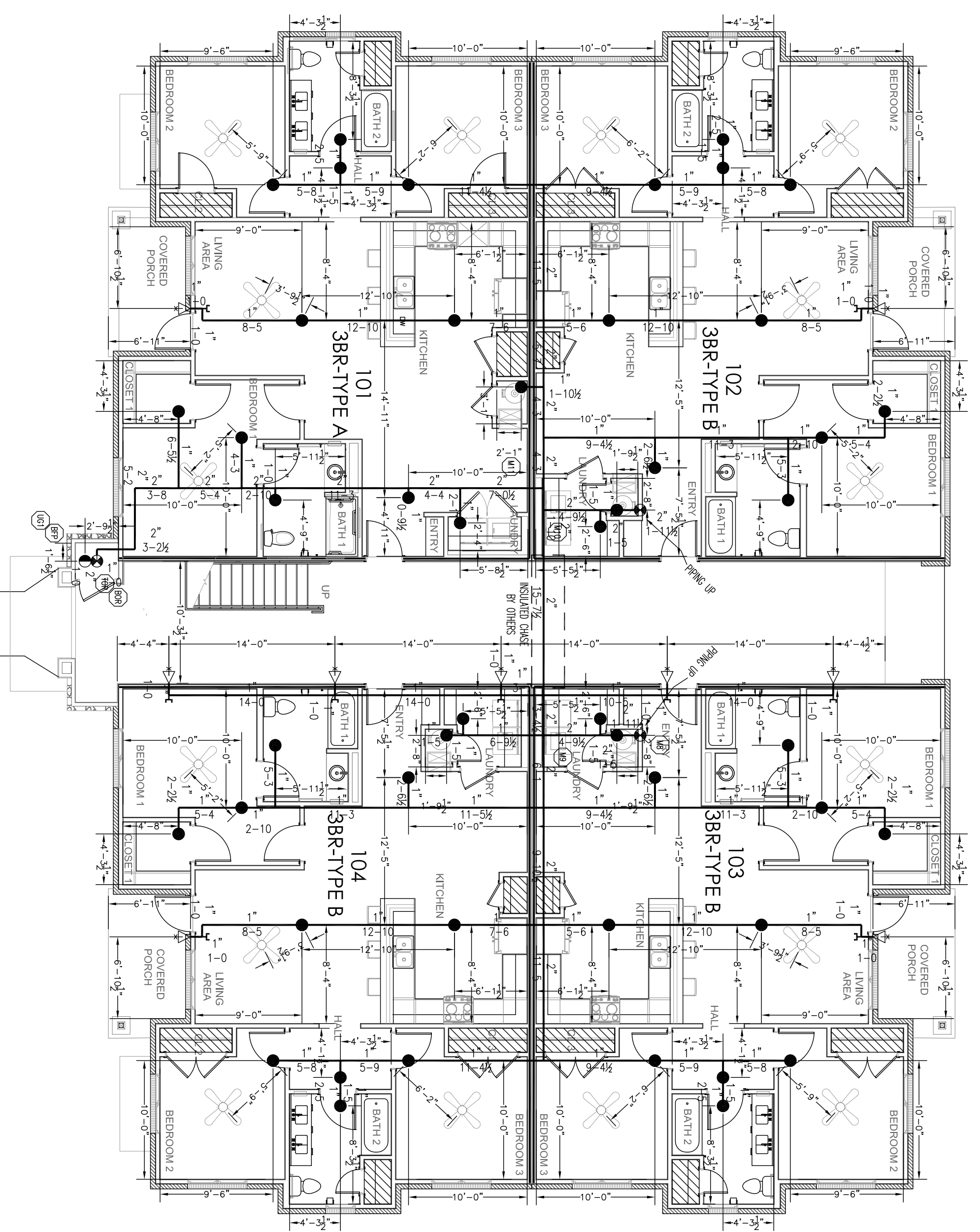
RELIABLE FIRE PROTECTION, LLC
32 PALM RD, DUMM, NC 28834 P: 910-980-1234 F: 910-980-1235

THE GROVE APARTMENTS AT 421
1585 E. COPPINUS HARBETT BOULEVARD
LILLINGTON, NC 27546

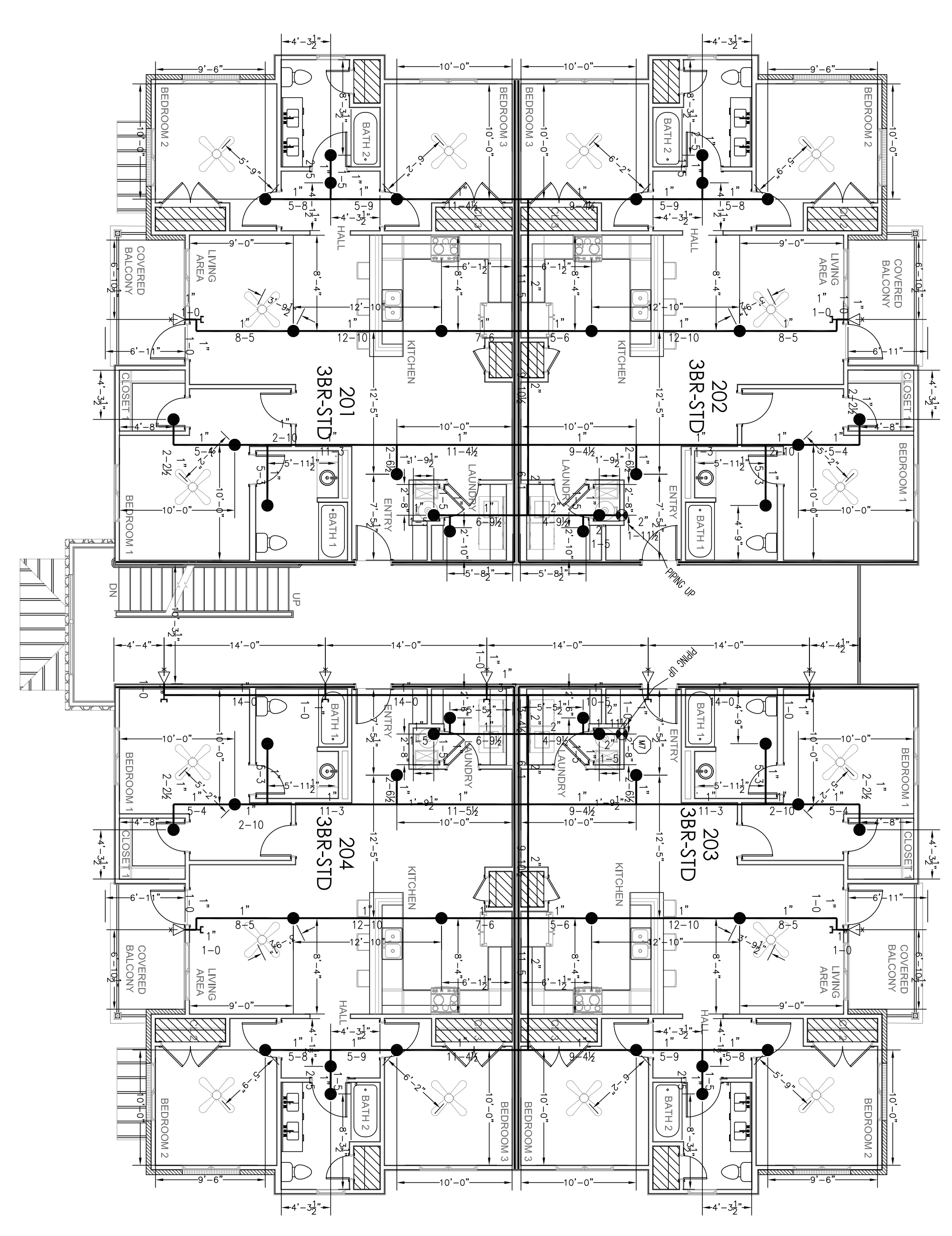
HATCHERS CREAK, LLC
32 PALM RD, DUMM, NC 28834 P: 910-980-1234 F: 910-980-1235

ROBERT DANLEY
1585 E. COPPINUS HARBETT BOULEVARD
LILLINGTON, NC 27546

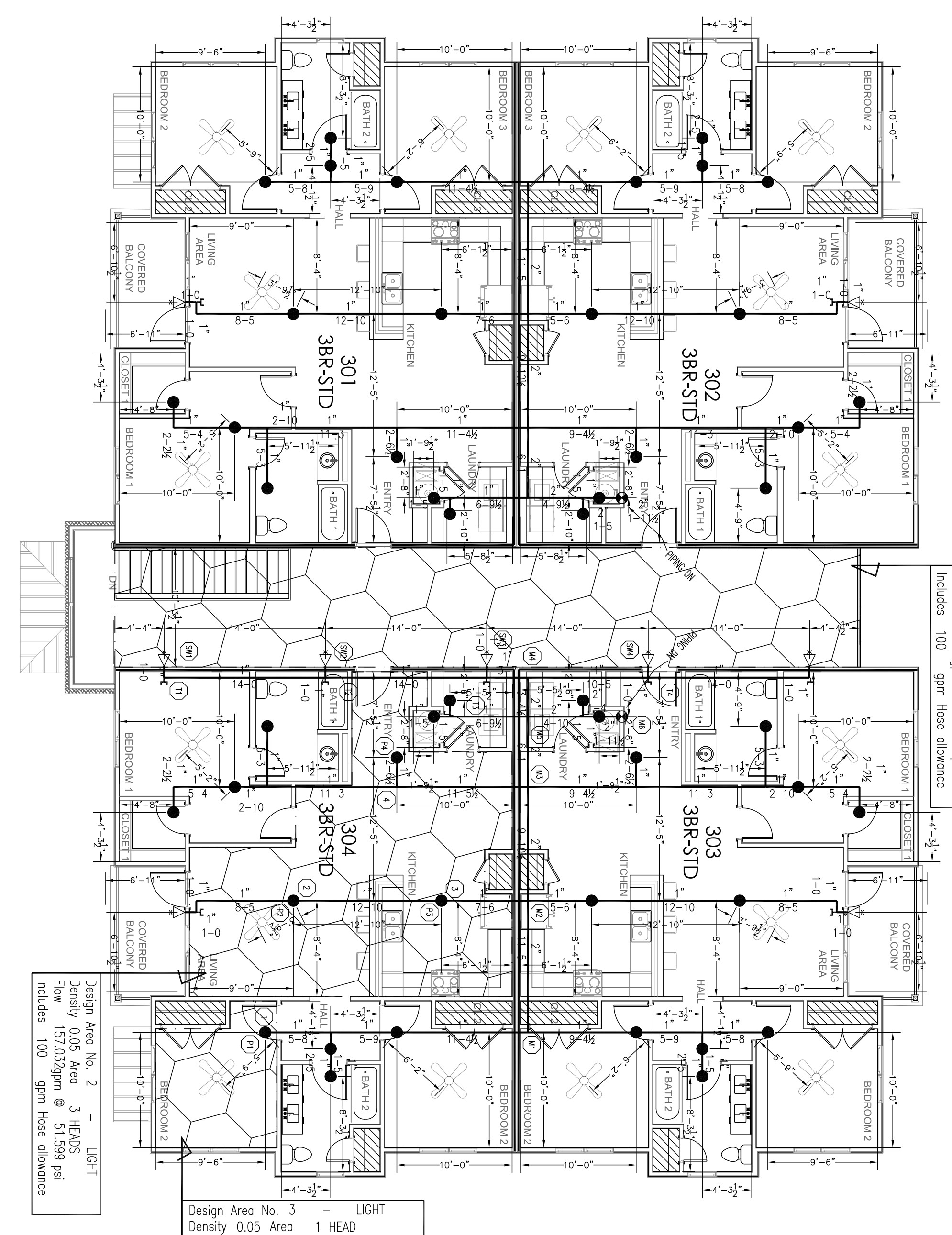
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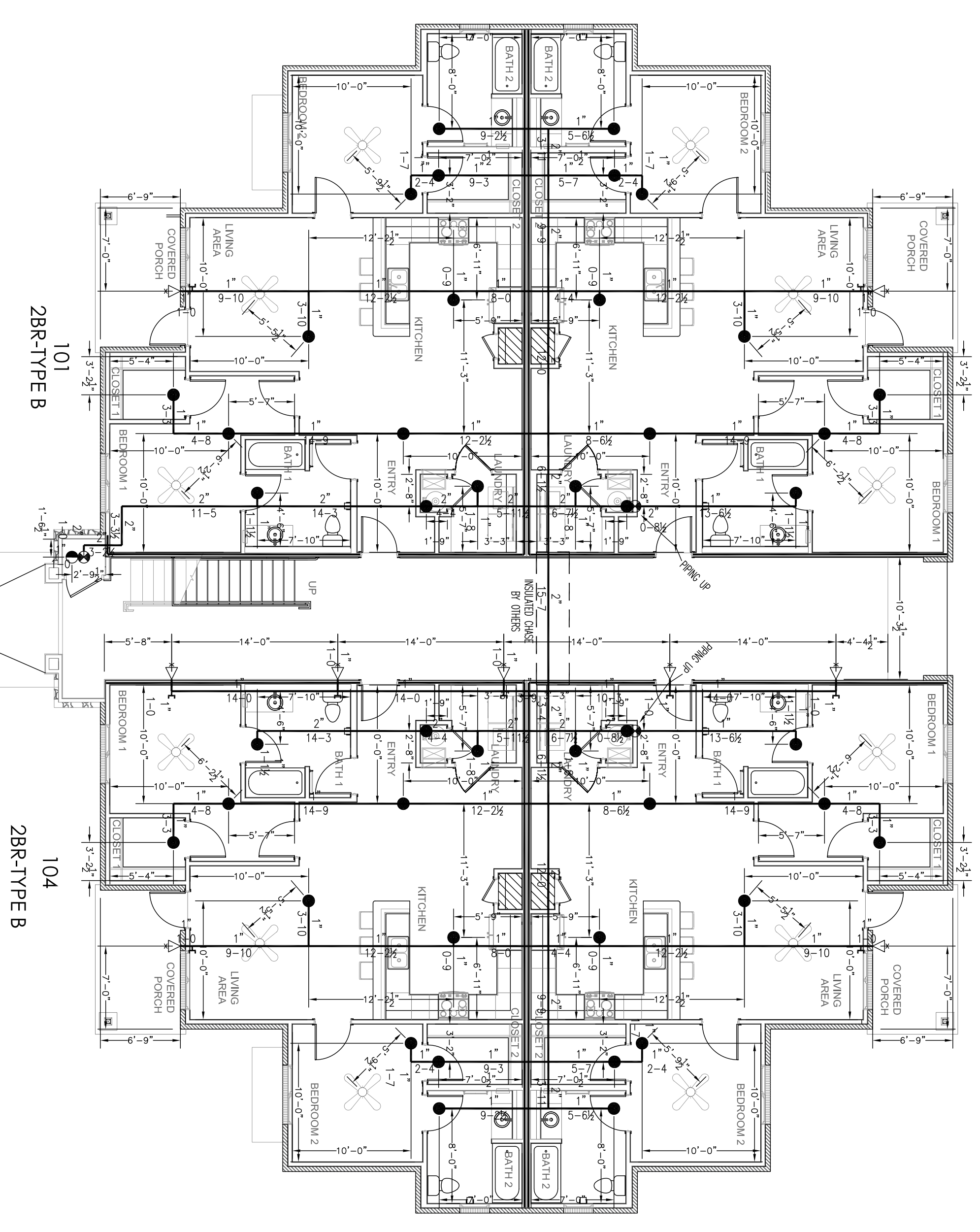
4 3 BED - FIRST FLOOR (BUILDING A)
FP-2 SCALE 1/8" = 1'-0"



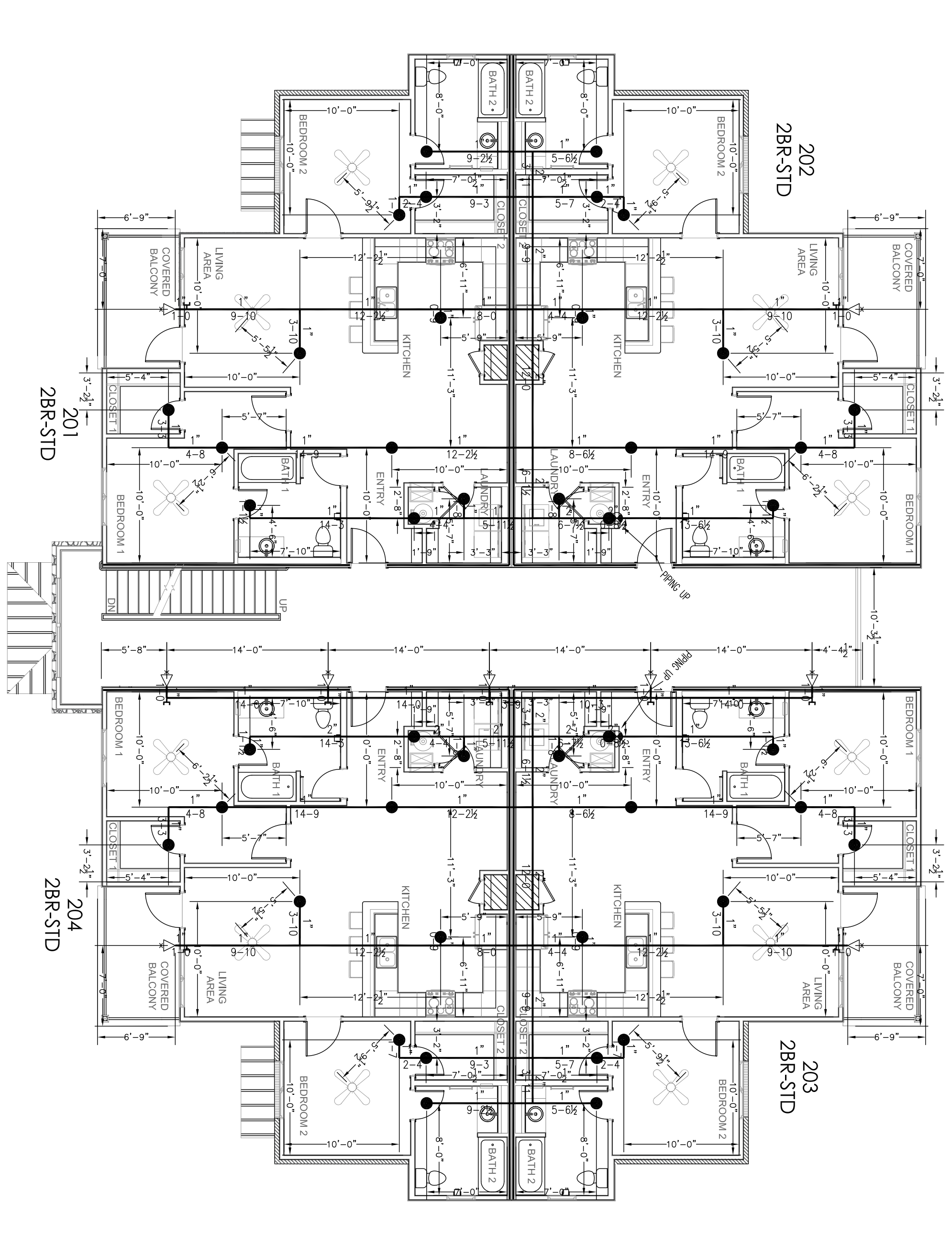
5 3 BED - SECOND FLOOR (BUILDING A)
FP-2 SCALE 1/8" = 1'-0"



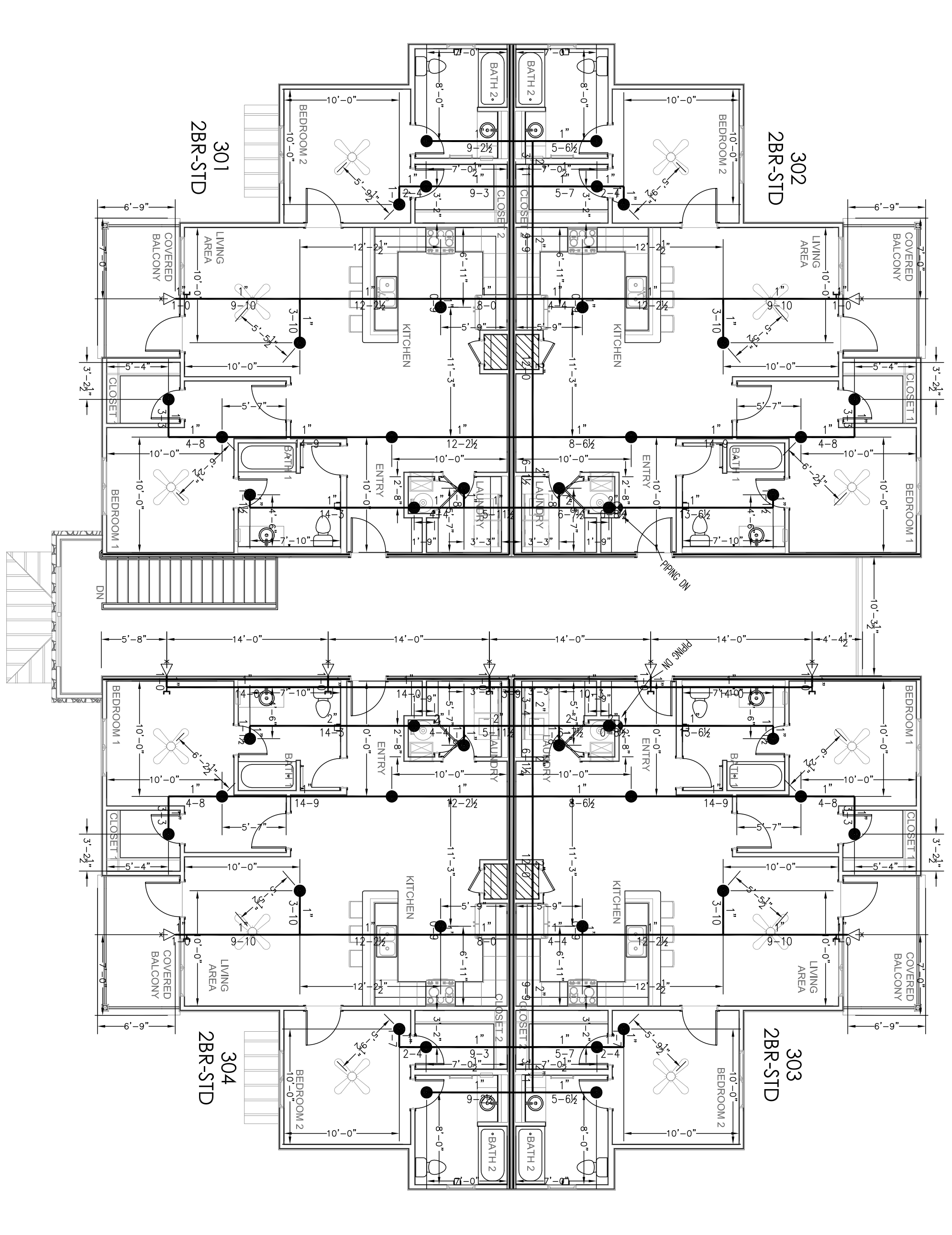
6 3 BED - THIRD FLOOR (BUILDING A)
FP-2 SCALE 1/8" = 1'-0"



1 2 BED - FIRST FLOOR (BUILDING B, D, E, F, G, H)
FP-2 SCALE 1/8" = 1'-0"



2 2 BED - SECOND FLOOR (BUILDING B, D, E, F, G, H)
FP-2 SCALE 1/8" = 1'-0"



3 2 BED - THIRD FLOOR (BUILDING B, D, E, F, G, H)
FP-2 SCALE 1/8" = 1'-0"

UNIT #	SYSTEM TYPE	HABITAT CLASS	BL. FT. AVE.	SPRINKLER DESIGN DATA	DESIGN AREA	TEST	SAFETY WALKING
1	LIVING ROOM	RESIDENTIAL	196	4 HEADS	157.032	51,530	5,250
2	KITCHEN	RESIDENTIAL	400	3 HEADS	157.032	51,530	5,250
3	BEDROOM	RESIDENTIAL	400	1 HEAD	120.008	44,299	14,580

UNIT #	SYSTEM TYPE	HABITAT CLASS	BL. FT. AVE.	SPRINKLER DESIGN DATA	DESIGN AREA	TEST	SAFETY WALKING
1	LIVING ROOM	RESIDENTIAL	196	4 HEADS	157.032	51,530	5,250
2	KITCHEN	RESIDENTIAL	400	3 HEADS	157.032	51,530	5,250
3	BEDROOM	RESIDENTIAL	400	1 HEAD	120.008	44,299	14,580

RELIABLE FIRE PROTECTION, LLC
32 PALM RD., DUMM, NC 28834 P: 910-980-1294 F: 910-980-1295

THE GROVE APARTMENTS AT 421
1585 E. COPPINIUS HARRIET BOULEVARD
LILLINGTON, NC 27546

DESIGN AREA NO. 1 - LIGHT
Flow 165.85gpm @ 53.530 psi
Includes 100 gpm hose allowance

DESIGN AREA NO. 2 - LIGHT
Flow 157.032gpm @ 51,530 psi
Includes 100 gpm hose allowance

DESIGN AREA NO. 3 - LIGHT
Flow 120.008gpm @ 44,299 psi
Includes 100 gpm hose allowance

DATE: 01-07-22