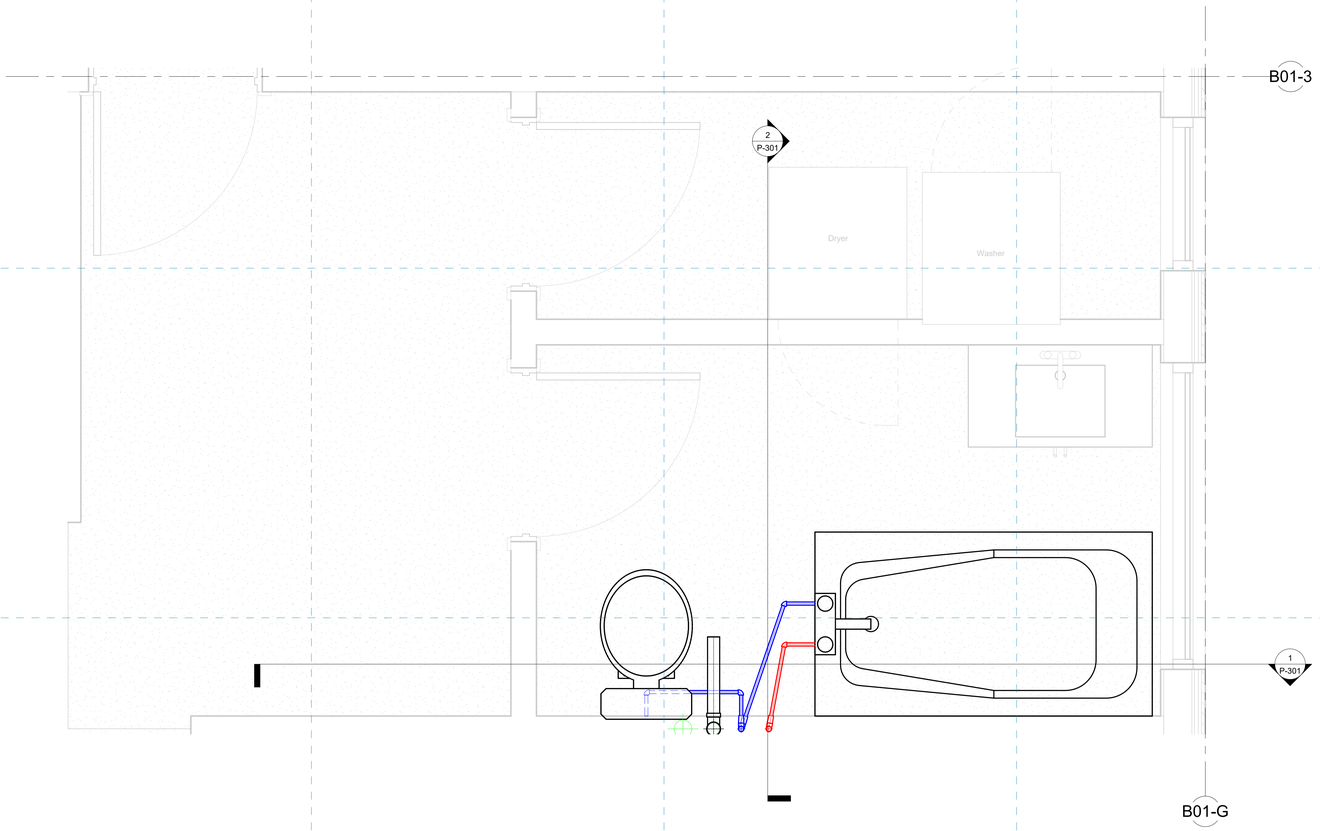


1 ENLARGED PLUMBING PLAN - 112-BA1
1" = 1'-0"

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No.	Description	Date

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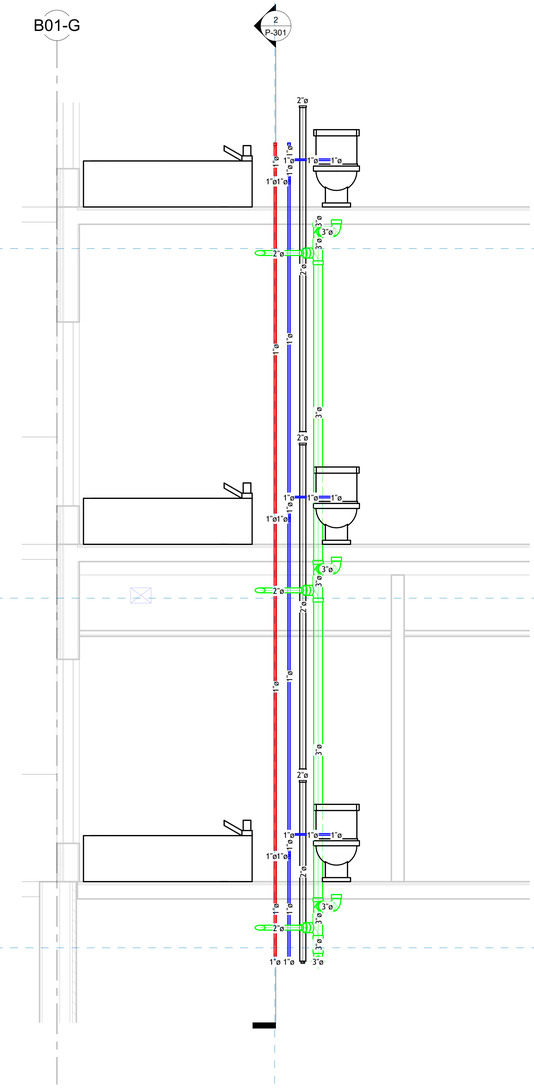
PLUMBING PLAN - 112-BA1 STACK

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker

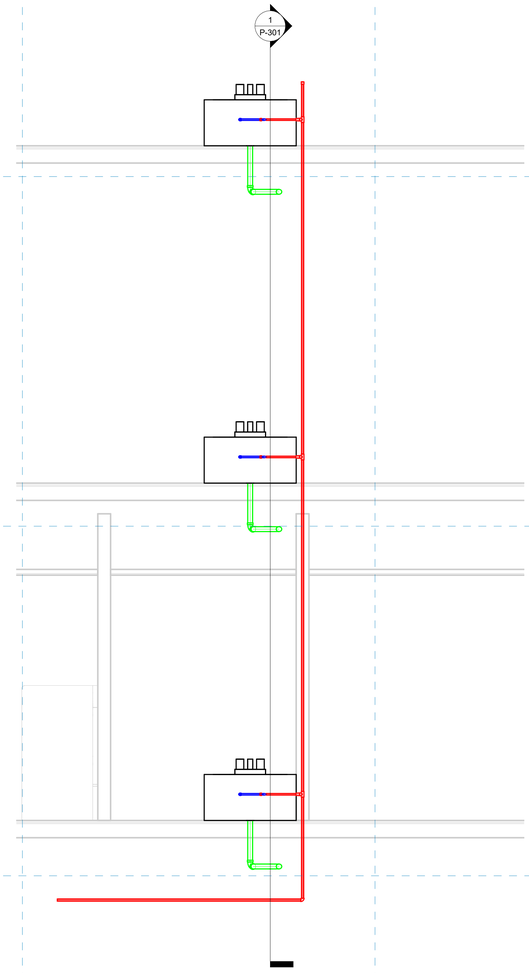
P-101

Scale 1" = 1'-0"

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1 RISER ELEVATION - 112-BA1 WET WALL
1/2" = 1'-0"



2 RISER SECTION - 112-BA1 STACK
1/2" = 1'-0"

PLUMBING RISER SCHEDULE - 112-BA1 STACK

System Type	Type	Size	Length	Comments
Domestic Cold Water	Standard	1"ø	0' - 4 13/32"	M8-RISER-CW
Domestic Cold Water	Standard	1"ø	3' - 3 17/32"	M8-RISER-CW
Domestic Cold Water	Standard	1"ø	0' - 5 31/32"	M8-RISER-CW
Domestic Cold Water	Standard	1"ø	10' - 1 15/32"	M8-RISER-CW
Domestic Cold Water	Standard	1"ø	0' - 5 31/32"	M8-RISER-CW
Domestic Cold Water	Standard	1"ø	10' - 1 15/32"	M8-RISER-CW
Domestic Cold Water	Standard	1"ø	0' - 5 31/32"	M8-RISER-CW
Domestic Hot Water	Standard	1"ø	1' - 0 21/32"	M8-RISER-HW
Domestic Hot Water	Standard	1"ø	3' - 3 17/32"	M8-RISER-HW
Domestic Hot Water	Standard	1"ø	10' - 9 23/32"	M8-RISER-HW
Domestic Hot Water	Standard	1"ø	10' - 9 23/32"	M8-RISER-HW
Sanitary	PVC - DWV	3"ø	0' - 1 9/16"	M8-RISER-SAN
Sanitary	PVC - DWV	3"ø	0' - 0 17/32"	M8-RISER-SAN
Sanitary	PVC - DWV	3"ø	9' - 7 23/32"	M8-RISER-SAN
Sanitary	PVC - DWV	3"ø	0' - 0 17/32"	M8-RISER-SAN
Sanitary	PVC - DWV	3"ø	9' - 7 23/32"	M8-RISER-SAN
Sanitary	PVC - DWV	3"ø	0' - 0 17/32"	M8-RISER-SAN
Sanitary	PVC - DWV	3"ø	0' - 4"	M8-RISER-SAN
Vent	PVC - DWV	2"ø	54' - 2 1/32"	M8-RISER-VENT
Vent	PVC - DWV	2"ø	5' - 10 1/16"	M8-RISER-VENT
Vent	PVC - DWV	2"ø	10' - 6 13/16"	M8-RISER-VENT
Vent	PVC - DWV	2"ø	10' - 6 13/16"	M8-RISER-VENT

Conflict: the 5” wet wall cannot house a 3" sanitary stack (3.5" OD) beside three other risers; the toilet’s cold water runs behind the stack with 0.1" clearance. Resolution: thicken the wet wall to 6". Drains run below the 6¾" slab in the ground-floor ceiling, modeled flat; at ¼"/ft the tub branch needs 1" more fall.

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RISER SECTION - SANITARY FALL

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker

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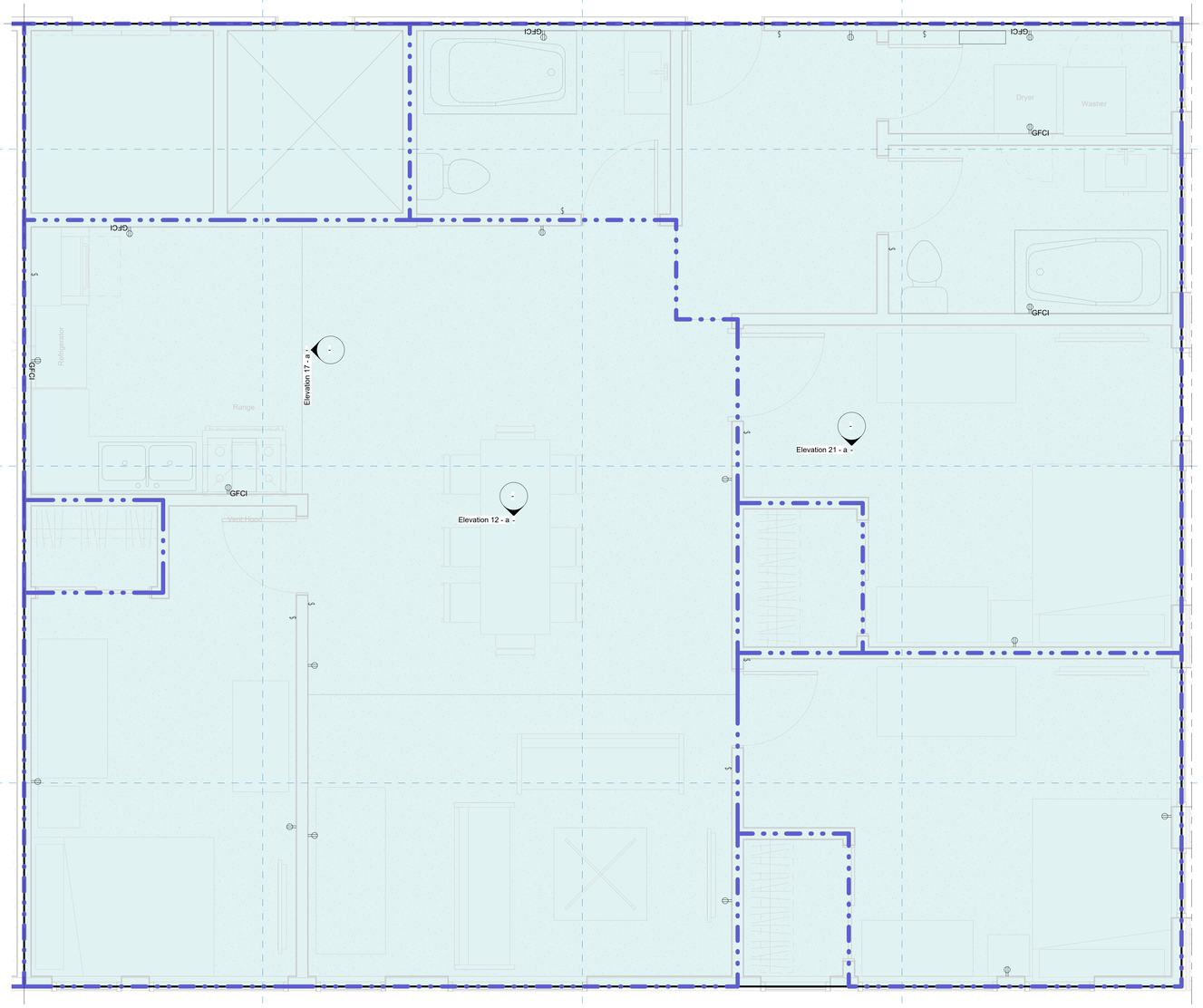
Scale 1/2" = 1'-0"

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P-301

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1 POWER PLAN - UNIT 112 - ENLARGED
1/2" = 1'-0"

LP-112 CIRCUIT SCHEDULE

Panel	Circuit Number	Load Name	Load Classification	Rating	Voltage	Number of Poles
LP-112	1	REC KITCHEN B GFCI	Receptacle	20 A	120 V	1
LP-112	2	FCU-112	Cooling	15 A	120 V	1
LP-112	3	REC KITCHEN A GFCI	Receptacle	20 A	120 V	1
LP-112	4	REC LAUNDRY GFCI	Receptacle	20 A	120 V	1
LP-112	5	LTG LIV/DIN/KIT	Lighting - Dwelling Unit	15 A	120 V	1
LP-112	6	REC BEDROOMS	Receptacle	20 A	120 V	1
LP-112	7	REC BATHS GFCI	Receptacle	20 A	120 V	1
LP-112	8	LTG BEDS/BATHS/LDY/ENT	Lighting - Dwelling Unit	15 A	120 V	1
LP-112	9	REC LIV/DIN/ENT	Receptacle	20 A	120 V	1

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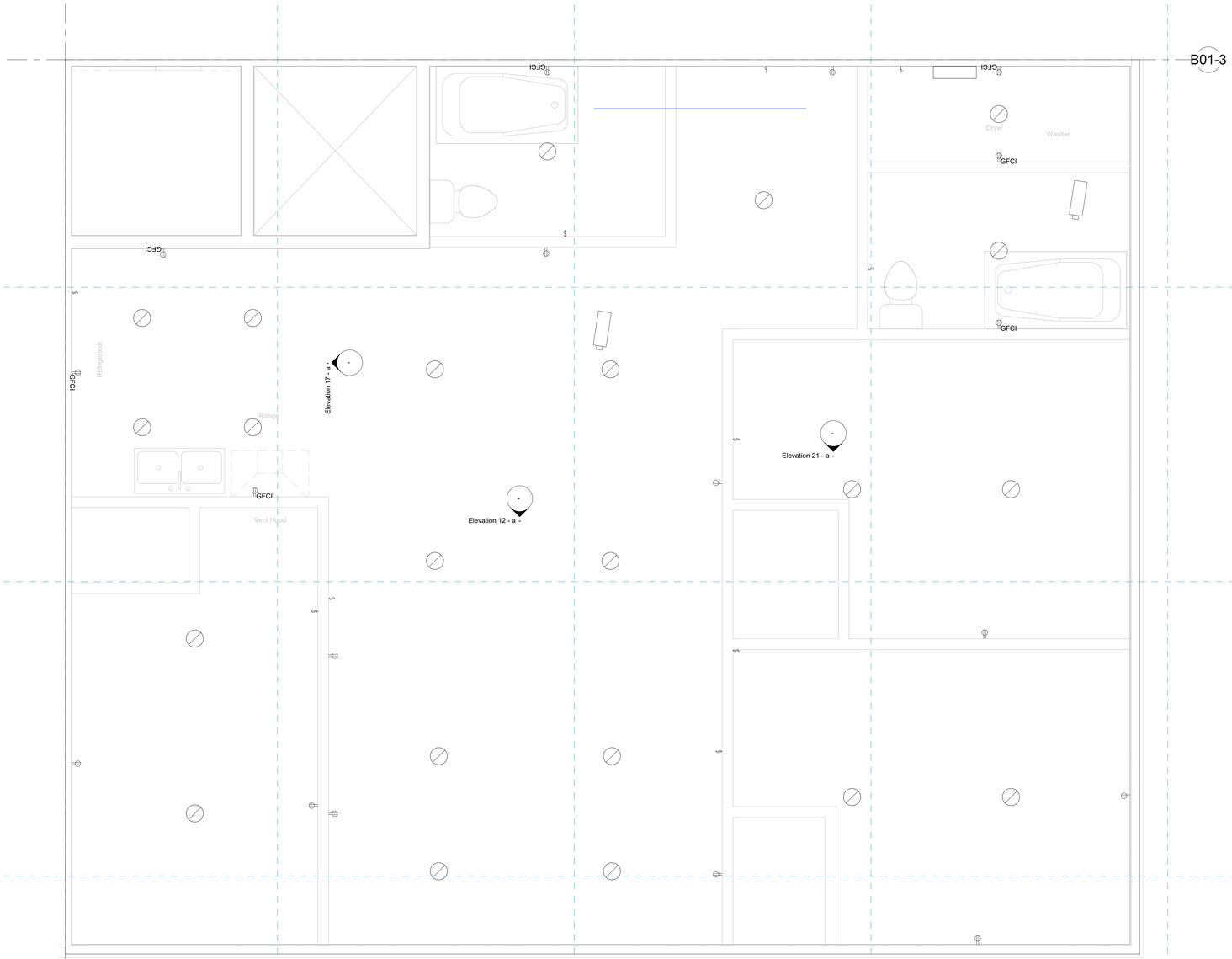
POWER PLAN - UNIT 112 & PANEL LP-112

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker

E-101

Scale 1/2" = 1'-0"

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1 LIGHTING PLAN - UNIT 112 - ENLARGED
1/2" = 1'-0"

ILLUMINATION SPOT CHECK - UNIT 112						
Number	Name	Level	Area	Lighting Calculation Workplane	Average Estimated Illumination	Comments
112-BA1	BATH	B01-L01	62 SF	2' - 6"	139 lx	TARGET 150-300 lx (bath) - general light only; vanity light over sink (not modeled) adds task lighting
112-BA2	BATH	B01-L01	60 SF	2' - 6"	143 lx	TARGET 150-300 lx (bath) - general light only; vanity light over sink (not modeled) adds task lighting
112-BR1	BEDROOM	B01-L01	145 SF	2' - 6"	140 lx	TARGET 100-150 lx (bedroom, general)
112-BR2	BEDROOM	B01-L01	154 SF	2' - 6"	134 lx	TARGET 100-150 lx (bedroom, general)
112-BR3	BEDROOM	B01-L01	155 SF	2' - 6"	134 lx	TARGET 100-150 lx (bedroom, general)
112-DIN	DINING	B01-L01	252 SF	2' - 6"	181 lx	TARGET 100-200 lx (living / dining / entry)
112-ENT	ENTRY	B01-L01	73 SF	2' - 6"	123 lx	TARGET 100-200 lx (living / dining / entry)
112-KIT	KITCHEN	B01-L01	94 SF	3' - 0"	428 lx	SPOT CHECK - TARGET 215-558 lx (kitchen, at counter 3'-0")
112-LDY	LAUNDRY	B01-L01	38 SF	2' - 6"	186 lx	TARGET 150-300 lx (bath / laundry)
112-LIV	LIVING	B01-L01	155 SF	2' - 6"	137 lx	TARGET 100-200 lx (living / dining / entry)

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LIGHTING PLAN - UNIT 112 & ILLUMINATION CHECK

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker

E-201

Scale 1/2" = 1'-0"

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