

PLUMBING FIXTURE SCHEDULE - CLUBHOUSE							
MARK	DESCRIPTION	MANUFACTURER	SUPPLY FITTING	FAUCET	DRAINS	TRAP	REMARKS
WC-1	WATER CLOSET FLOOR MTD (1)	AMERICAN STANDARD 3451.001	SLOAN "REGAL" 111-YB-YC-YK-ADA	-	PROVIDED BY PLUMBING CONTRACTOR	-	ADA
UR-1	URINAL	AMERICAN STANDARD 6541.132	SLOAN "REGAL" 186-YB-YC-YK-ADA	-	PROVIDED BY PLUMBING CONTRACTOR	-	ADA
L-1	LAVATORY WALL HUNG	AMERICAN STANDARD 6356.012	PROVIDED BY PLUMBING CONTRACTOR	MOEN L4621	PROVIDED BY PLUMBING CONTRACTOR	PROVIDED BY PLUMBING CONTRACTOR	ADA
S-1	SINK - SINGLE	KOHLER K-3349-2	PROVIDED BY PLUMBING CONTRACTOR	KOHLER K-16112-4A-BN	PROVIDED BY PLUMBING CONTRACTOR	PROVIDED BY PLUMBING CONTRACTOR	PROVIDE WITH GARBAGE DISPOSAL
EWC-1	ELECTRIC WATER COOLER	ELKAY LZSTL8WSSP	PROVIDED BY PLUMBING CONTRACTOR	-	PROVIDED BY PLUMBING CONTRACTOR	PROVIDED BY PLUMBING CONTRACTOR	PROVIDE WITH WATER FILTER, ADA AND BOTTLE FILLER
JS-1	JANITOR SINK	FIAT MSB-2424	PROVIDED BY PLUMBING CONTRACTOR	FIAT 830-AA	PROVIDED BY PLUMBING CONTRACTOR	PROVIDED BY PLUMBING CONTRACTOR	-
HB-1	HOSE BIBB	WOODFORD MODEL 24	-	-	-	-	PROVIDE WITH VACUUM BREAKER
FD-1	FLOOR DRAIN	JOSAM 30000-S-50-T-17	PROVIDED BY PLUMBING CONTRACTOR	-	PROVIDED BY PLUMBING CONTRACTOR	PROVIDED BY PLUMBING CONTRACTOR	-
UB-1	REFRIGERATOR BOX	WATER-TITE AB9701HACP	PROVIDED BY PLUMBING CONTRACTOR	-	-	-	-

NOTES
1. (1) WITH ELONGATED OPEN FRONT SEAT LESS COVER.

PLUMBING FIXTURE CONNECTION SCHEDULE - CLUBHOUSE							
ITEM	DESCRIPTION	WASTE	TRAP	VENT	CW	HW	REMARKS
WC-1	WATER CLOSET	3"	INTEG	2"	1"	-	FLR MTD FL VLV 1.6 GAL ADA
UR-1	URINAL	2"	2"	1-1/2"	3/4"	-	ADA
L-1	LAVATORY	2"	1-1/4"	1-1/2"	1/2"	1/2"	WL HG ADA
S-1	SINK - SINGLE	2"	1-1/2"	1-1/2"	1/2"	1/2"	-
EWC-1	ELEC. WATER COOLER	2"	1-1/2"	1-1/2"	1/2"	-	ADA
JS-1	JANITOR'S SINK	3"	3"	1-1/2"	3/4"	3/4"	-

ABBREVIATIONS
CTR COUNTERTOP
FLR FLOOR
HG HUNG
FL FLUSH
VLV VALVE
MTD MOUNTED
GAL GALLONS
SS STAINLESS STEEL
ADA AMERICAN DISABILITIES ACT COMPLIANT
TK TANK
WL WALL

ELECTRIC WATER HEATER SCHEDULE - CLUBHOUSE	
MARK	EW-1 & 2
MANUFACTURER	A.O. SMITH
MODEL	ENL-40
STORAGE CAPACITY (GAL)	35
RECOVERY (GPH)	31 @ 80°R
UNIT SIZE	32" x 24" DIA.
OPERATIONAL WEIGHT (LBS)	409
KW INPUT	6.0
EFFICIENCY	95
VOLTAGE/PHASE/HZ	240/1/60

HOT WATER RECIRC. PUMP SCHEDULE	
MARK	HWRP-1
MANUFACTURER	ARMSTRONG
MODEL	H-32
VOLTAGE/H.P.	120/ 1/6
PHASE	1
RPM	1750
CAPACITY (GPM)	10
TOTAL HEAD (FEET)	10

PLUMBING EQUIPMENT SCHEDULE			
MARK	FIXTURE	MANUF./MODEL	REMARKS
WCO-1	WALL CLEAN-OUT	CHARLOTTE PIPE NO. 105	CLEANOUT ADAPTER TO BE FITTED TO CLEANOUT TEE FITTING. SIZE AS INDICATED ON DRAWINGS. PROVIDE ZURN #Z-1468 BRONZE RAISED HEX HEAD PLUG AND ROUND STAINLESS STEEL WALL ACCESS COVER WITH SECURING SCREW.
ECO-1	EXTERIOR CLEAN-OUT	-	PROVIDE CLEAN-OUT WITH 2-WAY CLEAN-OUT TEE. (LAWN. IN FLUSH 12"x12"x4" CONCRETE PAD)
FCO-1	FLOOR CLEAN-OUT	JONESPEC #CO-2450	ADJUSTABLE FLOOR CLEANOUT WITH PVC BODY WITH ADJUSTABLE NICKLE BRONZE AND ABS TAPER THREAD PLUG. SIZE AS INDICATED ON DRAWINGS.

PLUMBING FIXTURE SCHEDULE							
MARK	DESCRIPTION	MANUFACTURER	SUPPLY FITTING	FAUCET	DRAINS	TRAP	REMARKS
WC-1	WATER CLOSET FLOOR MTD	GERBER SE-21-112 COMFORT TOILET SEAT C1011	PROVIDED BY PLUMBING CONTRACTOR	-	PROVIDED BY PLUMBING CONTRACTOR	-	-
L-1	LAVATORY COUNTERTOP	PROFLOW PF20178BS 20"x17"	PLUMBING CONTRACTOR	PFISTER J142-800K	PLUMBING CONTRACTOR	PLUMBING CONTRACTOR	-
S-1	SINK ONE COMPARTMENT	MAINCRAFT 33X18X9, 18 GA. STAINLESS STEEL	PROVIDED BY PLUMBING CONTRACTOR	PFISTER G529-PFSS	PROVIDED BY PLUMBING CONTRACTOR	PROVIDED BY PLUMBING CONTRACTOR	PROVIDE WITH 1/2 HP DISPOSAL
BT-1	BATHTUB	STERLING 71041112 60"x29"x17"	PROVIDED BY PLUMBING CONTRACTOR	PFISTER R89-030K	PROVIDED BY PLUMBING CONTRACTOR	PROVIDED BY PLUMBING CONTRACTOR	-
SH-1	SHOWER	STERLING 72131100 34X80X4-1/2	-	PFISTER R89-020K	-	-	SIoux CHIEF 832-36-P-NR-V
WB-1	WASHING MACHINE BOX	WATER-TITE W4701HACP	PROVIDED BY PLUMBING CONTRACTOR	-	PROVIDED BY PLUMBING CONTRACTOR	PROVIDED BY PLUMBING CONTRACTOR	-
HB-1	HOSE BIBB	WOODFORD MODEL 24	-	-	-	-	PROVIDE WITH VACUUM BREAKER
DW-1	DISHWASHER	BY OTHERS	PROVIDED BY PLUMBING CONTRACTOR	-	PROVIDED BY PLUMBING CONTRACTOR	-	NOTE 1
UB-1	REFRIGERATOR BOX	WATER-TITE AB9701HACP	PROVIDED BY PLUMBING CONTRACTOR	-	-	-	-
FD-1	FLOOR DRAIN	JOSAM 30000-S-50-T-17	PROVIDED BY PLUMBING CONTRACTOR	-	PROVIDED BY PLUMBING CONTRACTOR	PROVIDED BY PLUMBING CONTRACTOR	-

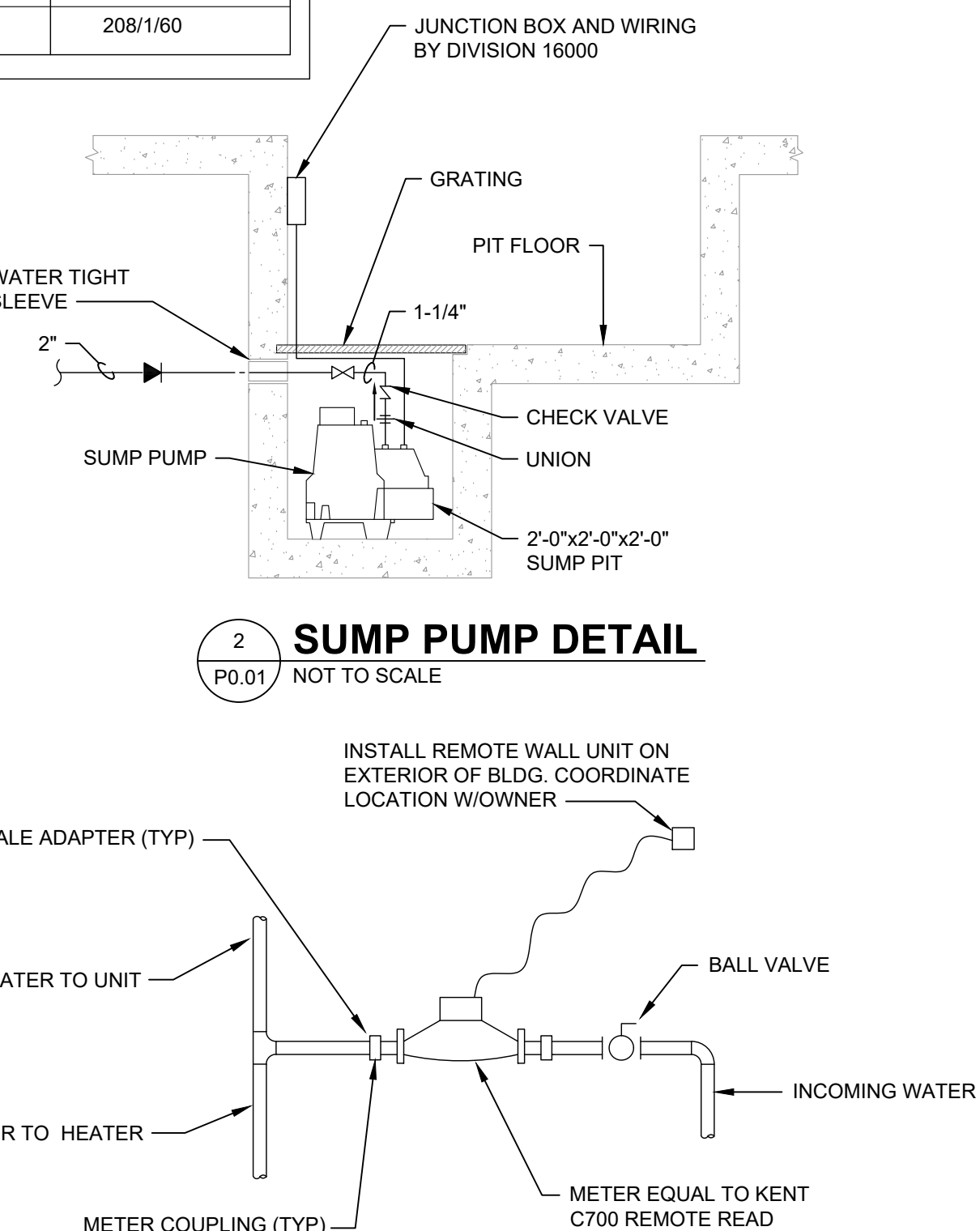
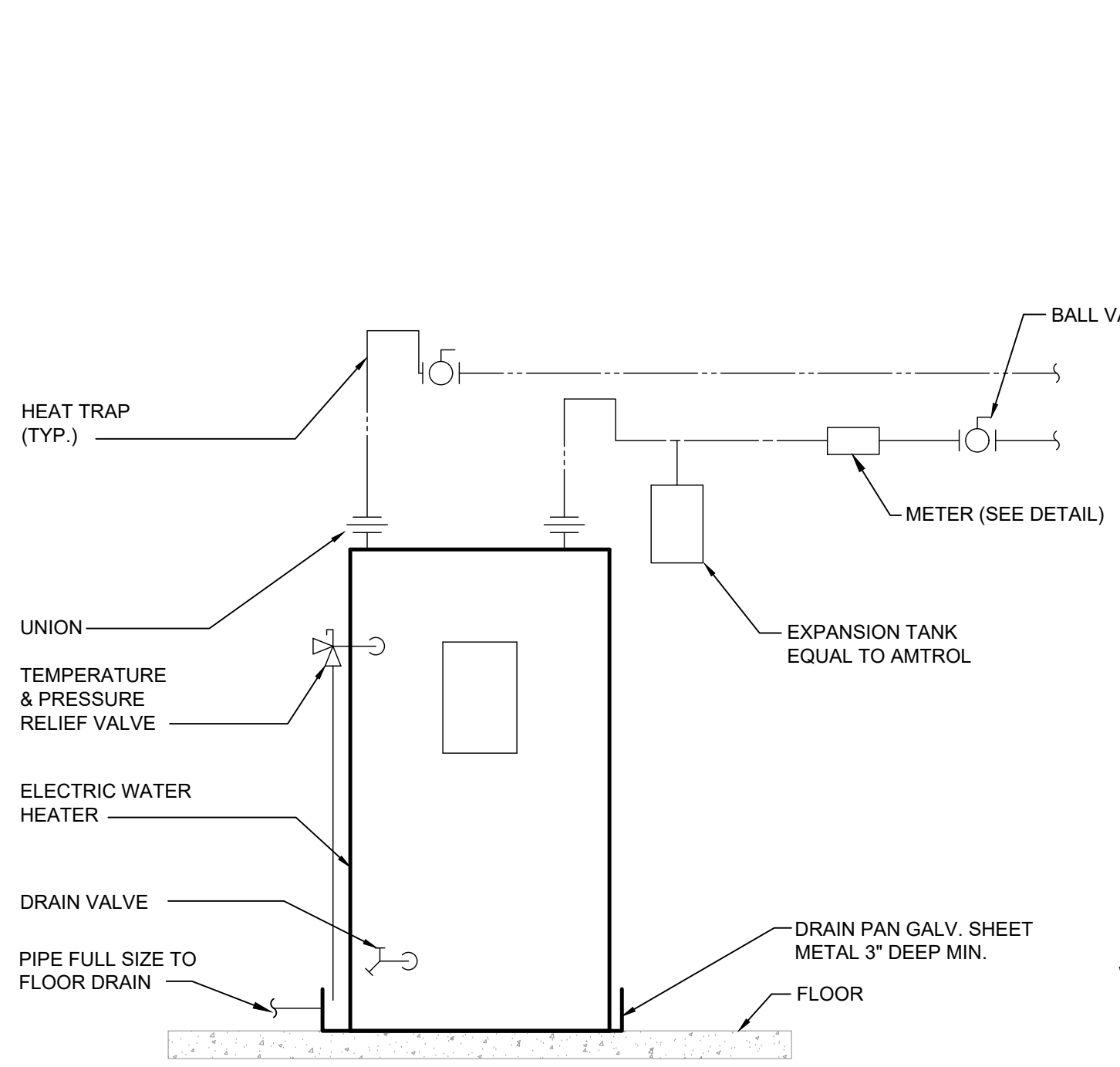
NOTES
1. PROVIDED BY OTHERS INSTALLED BY PLUMBING CONTRACTOR

PLUMBING FIXTURE CONNECTION SCHEDULE							
ITEM	DESCRIPTION	WASTE	TRAP	VENT	CW	HW	REMARKS
WC-1	WATER CLOSET	3"	INTEG	2"	1/2"	-	FLR MTD TK 1.6 GAL
L-1	LAVATORY	2"	1-1/4"	1-1/2"	1/2"	1/2"	CTR
S-1	SINK - SINGLE	2"	1-1/2"	1-1/2"	1/2"	1/2"	SS
BT-1	BATHTUB	2"	1-1/2"	1-1/2"	1/2"	1/2"	-
SH-1	SHOWER	2"	1-1/2"	1-1/2"	1/2"	1/2"	-
WB-1	WASHER BOX	2"	2"	2"	1/2"	1/2"	-
DW-1	DISHWASHER	5/8"	-	-	-	1/2"	NOTE 1

ABBREVIATIONS
CTR COUNTERTOP
FLR FLOOR
HG HUNG
FL FLUSH
VLV VALVE
MTD MOUNTED
GAL GALLONS
SS STAINLESS STEEL
ADA AMERICAN DISABILITIES ACT COMPLIANT
TK TANK
WL WALL
HC HANDICAPPED

NOTES
1. PROVIDED BY OTHERS INSTALLED BY PLUMBING CONTRACTOR.

ELECTRIC WATER HEATER SCHEDULE			
MARK	EW-1	EW-2	
MANUFACTURER	A.O. SMITH	A.O. SMITH	
MODEL	ENTB-50	ENL-40	
STORAGE CAPACITY (GAL)	45	35	
RECOVERY (GPH)	31 @ 80°R	31 @ 80°R	
UNIT SIZE	60" x 21" DIA.	32" x 24" DIA.	
OPERATIONAL WEIGHT (LBS)	505	409	
KW INPUT	6.0	6.0	
EFFICIENCY	95	95	
VOLTAGE/PHASE/HZ	208/1/60	208/1/60	

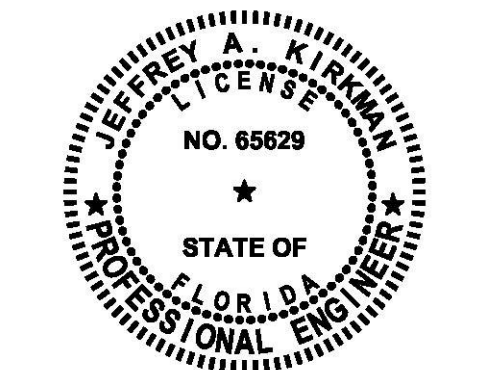


PLUMBING SYMBOL LEGEND	
SYMBOL/ABBREV.	DESCRIPTION
— SAN —	SANITARY PIPING ABOVE GRADE
- - - SAN - - -	SANITARY PIPING BELOW GRADE
— V —	VENT PIPING
— D —	DOMESTIC COLD WATER PIPING
— H —	DOMESTIC HOT WATER PIPING
⊕	FLOOR DRAIN
⊙	HUB DRAIN
⊖	PIPING TEE UP
⊕	PIPING TEE DOWN
⊖	PIPING ELL UP
⊕	PIPING ELL DOWN
⊖	BALL VALVE
⊕	PRESSURE RELIEF VALVE
⊖	FLOOR CLEANOUT
⊕	EXTERIOR CLEANOUT
⊖	WALL CLEANOUT

ABBREVIATION	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
BFF	BELOW FINISHED FLOOR
CONT	CONTINUATION
CW	COLD WATER (POTABLE)
DW	DISHWASHER
DWG.	DRAWING
ECO	EXTERIOR CLEAN-OUT
EWC	ELECTRIC WATER COOLER
FD	FLOOR DRAIN
FCO	FLOOR CLEAN OUT
GWH	GAS WATER HEATER
HB	HOSE BIBB
HC	HANDICAPPED
HW	HOT WATER
HWRP	HOT WATER RECIRC. PUMP
JS	JANITOR SINK
L	LAVATORY
O.F.C.I.	OWNER FURNISHED CONTRACTOR INSTALLED
SA	SHOCK ARRESTOR
SAN	SANITARY
T&P	TEMPERATURE & PRESSURE RELIEF LINE
UNO	UNLESS NOTED OTHERWISE
UB-1	UTILITY BOX
VRV	VACUUM RELIEF VALVE
WC	WATER CLOSET
WCO	WALL CLEAN-OUT
WH	WALL HYDRANT
WSB	WASHER SUPPLY BOX

- GENERAL NOTES:**
- FIELD VERIFY ALL MEASUREMENTS PRIOR TO LAYING AND CONNECTING ANY PIPING. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
 - PROVIDE SHOCK ARRESTORS FOR PREVENTING WATER HAMMER AT EACH BATTERY OF FIXTURES ON THE COLD AND HOT WATER SUPPLIES. PROVIDE SHOCK ARRESTORS AT ISOLATED PLUMBING FIXTURES. SHOCK ARRESTORS SHALL BE FACTORY FABRICATED AND LOCATED FULLY ACCESSIBLE. SHOCK ARRESTORS SHALL BE SIZED PER PLUMBING AND DRAINAGE INSTITUTE STANDARD WH-201. AIR CHAMBERS ARE NOT ACCEPTABLE.
 - MAINTAIN FIRE RATING AND WEATHERPROOFING INTEGRITY OF ALL PIPING PENETRATIONS.
 - ROUTE ALL PIPING CONCEALED ABOVE CEILINGS WITHIN WALLS OR IN CHASES EXCEPT AS SPECIFICALLY NOTED.
 - PROVIDE ACCESS PANELS TO ALL VALVES WITHIN CHASES OR ABOVE NON-ACCESSIBLE CEILINGS. SEE ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
 - SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF PLUMBING FIXTURE MOUNTING HEIGHTS AND DIMENSIONS. DO NOT SCALE DRAWINGS. DRAWINGS ARE DIAGRAMATIC AND ARE INTENDED TO SHOW GENERAL ROUTING.
 - VERIFY ELEVATIONS OF SEWER PIPING TO WHICH NEW SEWERS ARE TO BE CONNECTED PRIOR TO INSTALLATION OF ANY PIPING.
 - PROVIDE DIELECTRIC UNIONS AT CONNECTIONS OF DISSIMILAR METALS.
 - THE CONTRACTOR IS EXPECTED TO ORDER MATERIALS IN SUFFICIENT TIME TO AVOID DELAYING THE COMPLETION OF THE PROJECT. DELAY IN DELIVERIES WILL NOT BE CONSIDERED A JUSTIFIABLE REASON FOR SUBSTITUTION OF MATERIALS.
 - 2014 FLORIDA PLUMBING CODE.

SHOCK ARRESTOR SCHEDULE	
P.D.I. SIZE	FIXTURE UNITS
'SA-A'	1-11



ISSUE HISTORY		
No.	Date	Description
1	11/22/19	SCHEMATIC DESIGN
2	12/06/19	DESIGN DEVELOPMENT
3	02/28/20	PERMIT REVIEW SET

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Checked: RDP
Approval: JAK
Date: 09/10/2019
Project #: 5592

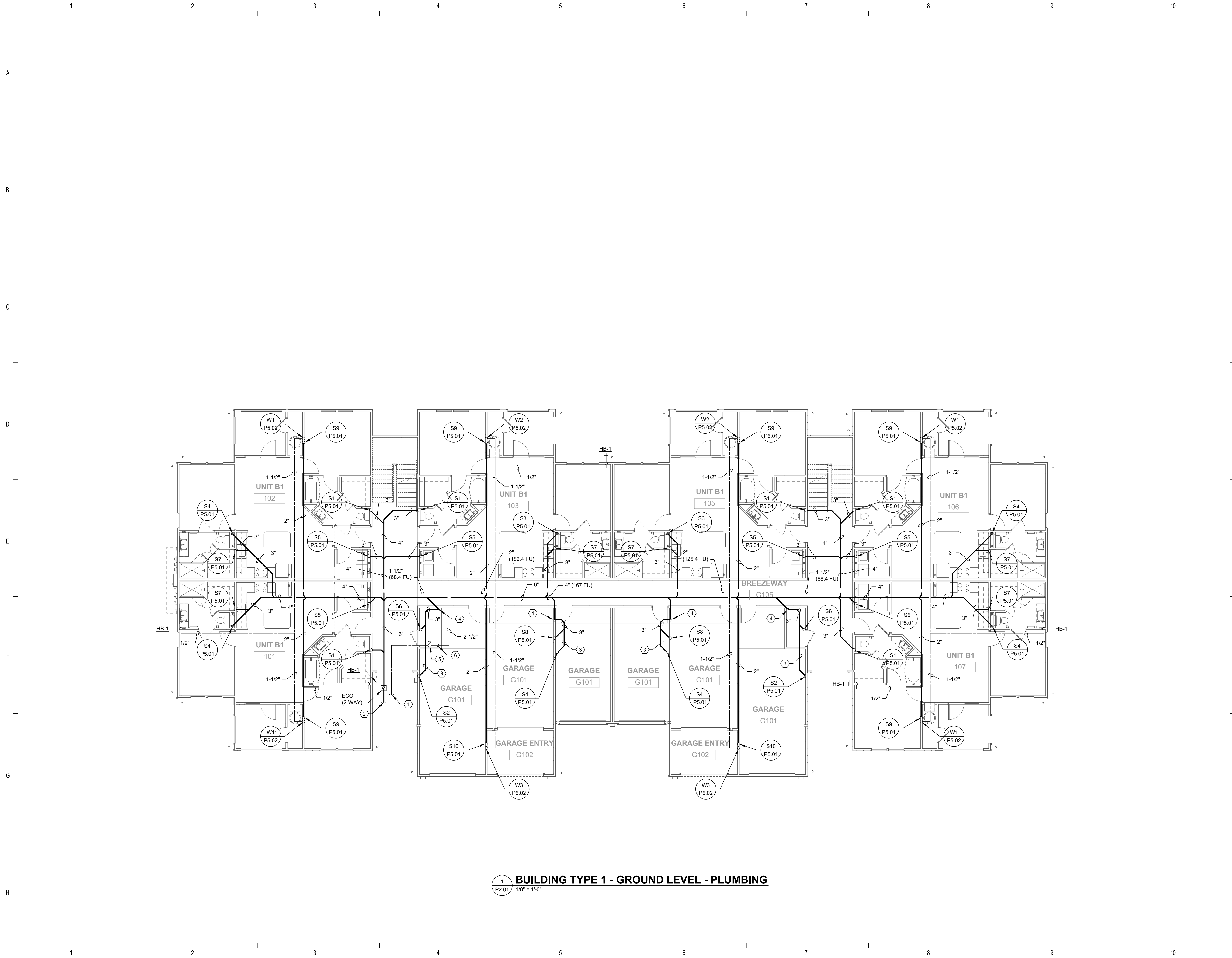
THE ROBERT
FT. MYERS, FL

LEGEND, SCHEDULES AND NOTES - PLUMBING

P0.01

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1 BUILDING TYPE 1 - GROUND LEVEL - PLUMBING
 P2.01 1/8" = 1'-0"

REFERENCE NOTES

- ① 2-1/2" DOMESTIC WATER SERVICE. PROVIDE BALL VALVE IN VALVE BOX. FOR CONTINUATION REFER TO CIVIL DRAWINGS. (250.8 F.U. = 75 GPM.)
- ② 6" SANITARY WASTE PIPING BELOW GRADE AT 5'-0" FROM BUILDING WALL. FOR CONTINUATION REFER TO CIVIL DRAWINGS (327 F.U. INVERT AT -3'-0" B.F.F.)
- ③ SANITARY LINE ABOVE GARAGE CEILING.
- ④ SANITARY LINE DOWN TO BELOW SLAB.
- ⑤ COLD WATER UP FROM BELOW GRADE. PROVIDE BALL VALVE IN RISER.
- ⑥ COLD WATER PIPING DOWN TO BELOW GRADE.

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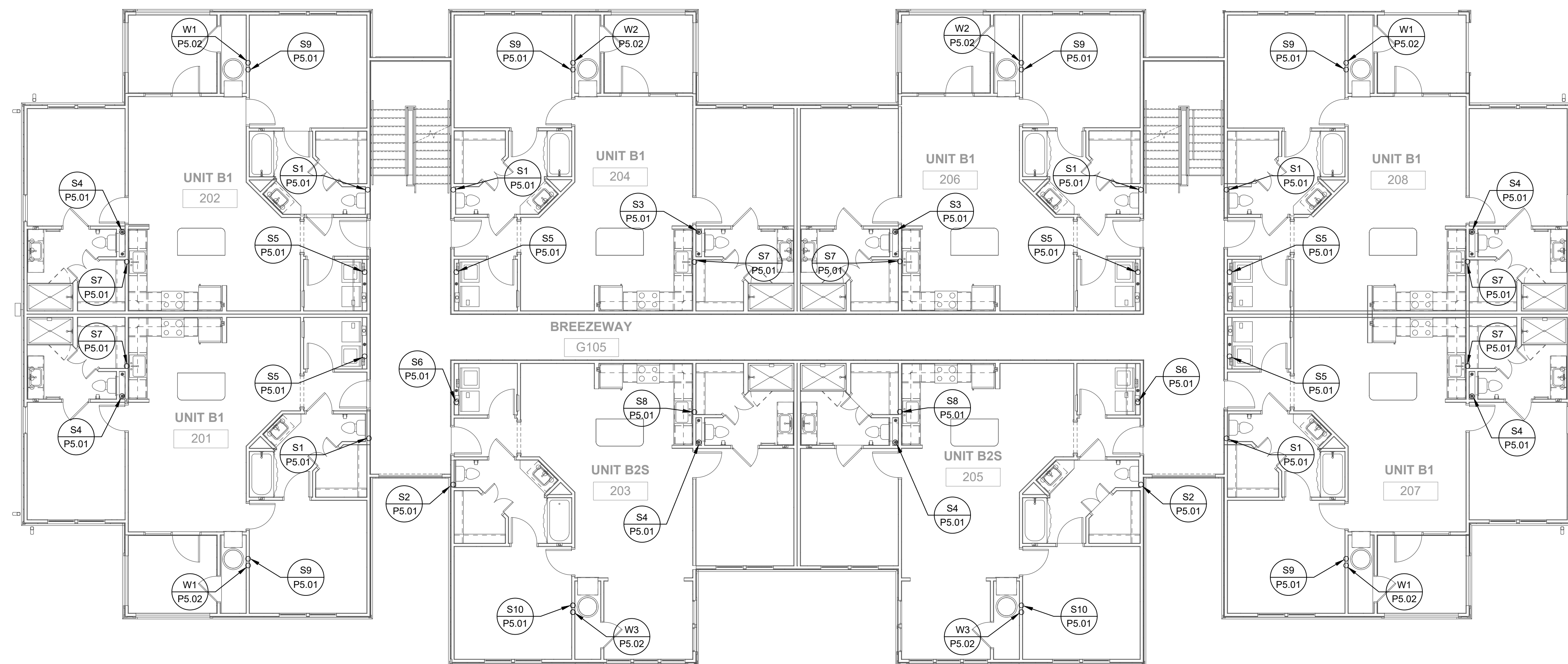
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THE ROBERT
 FT. MYERS, FL

BUILDING TYPE 1 - GROUND LEVEL - PLUMBING

P2.01



1 BUILDING TYPE 1 - 2ND LEVEL - PLUMBING
P2.02 1/8" = 1'-0"

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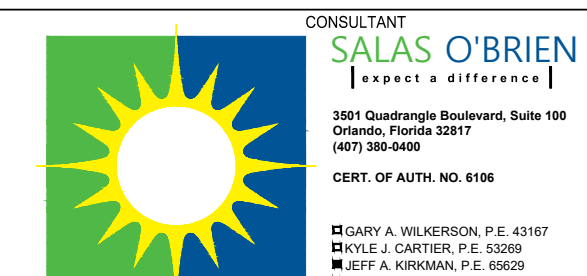
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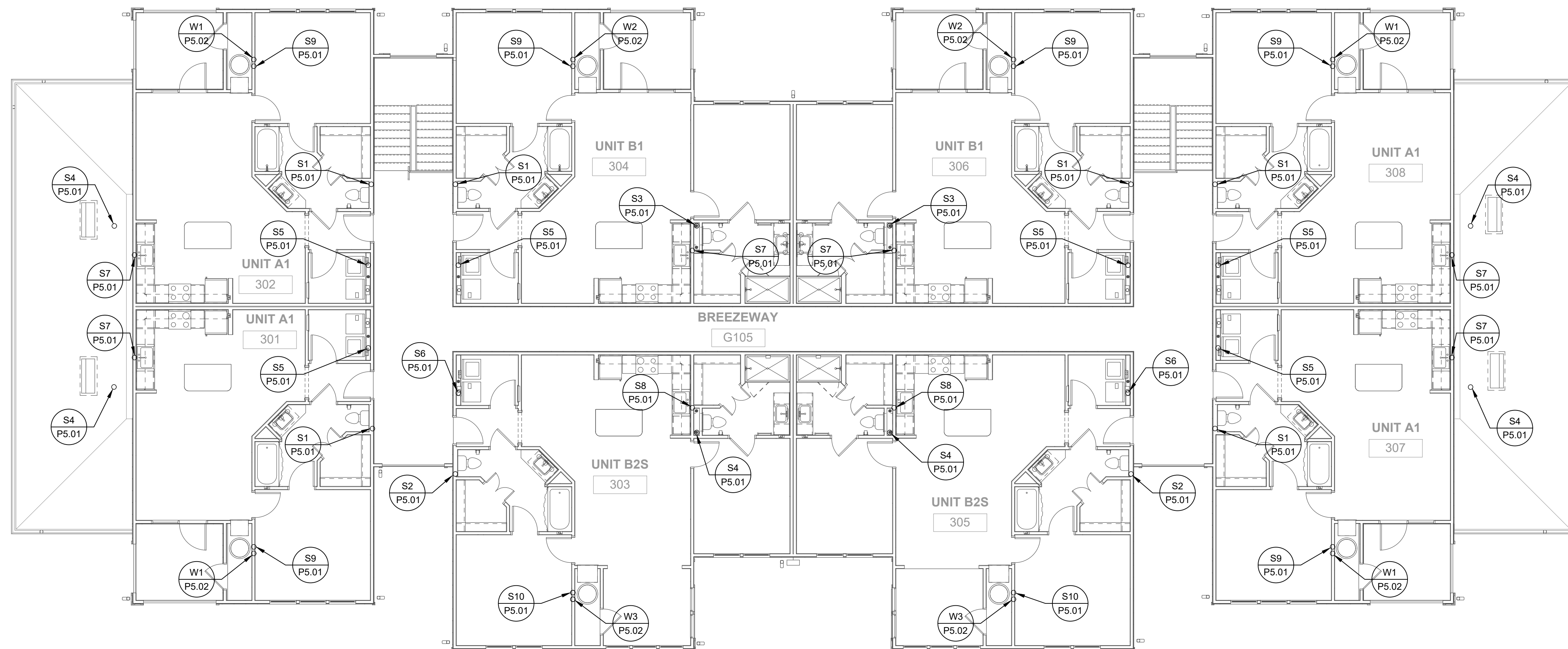
THE ROBERT

FT. MYERS, FL

BUILDING TYPE 1 - 2ND
LEVEL - PLUMBING

P2.02

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Project #:	5592



1 BUILDING TYPE 1 - 3RD LEVEL - PLUMBING
P2.03 1/8" = 1'-0"

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■ JEFF A. KORHMAN, P.E. 69029
■ MICHAEL LEVINE, P.E. 77019

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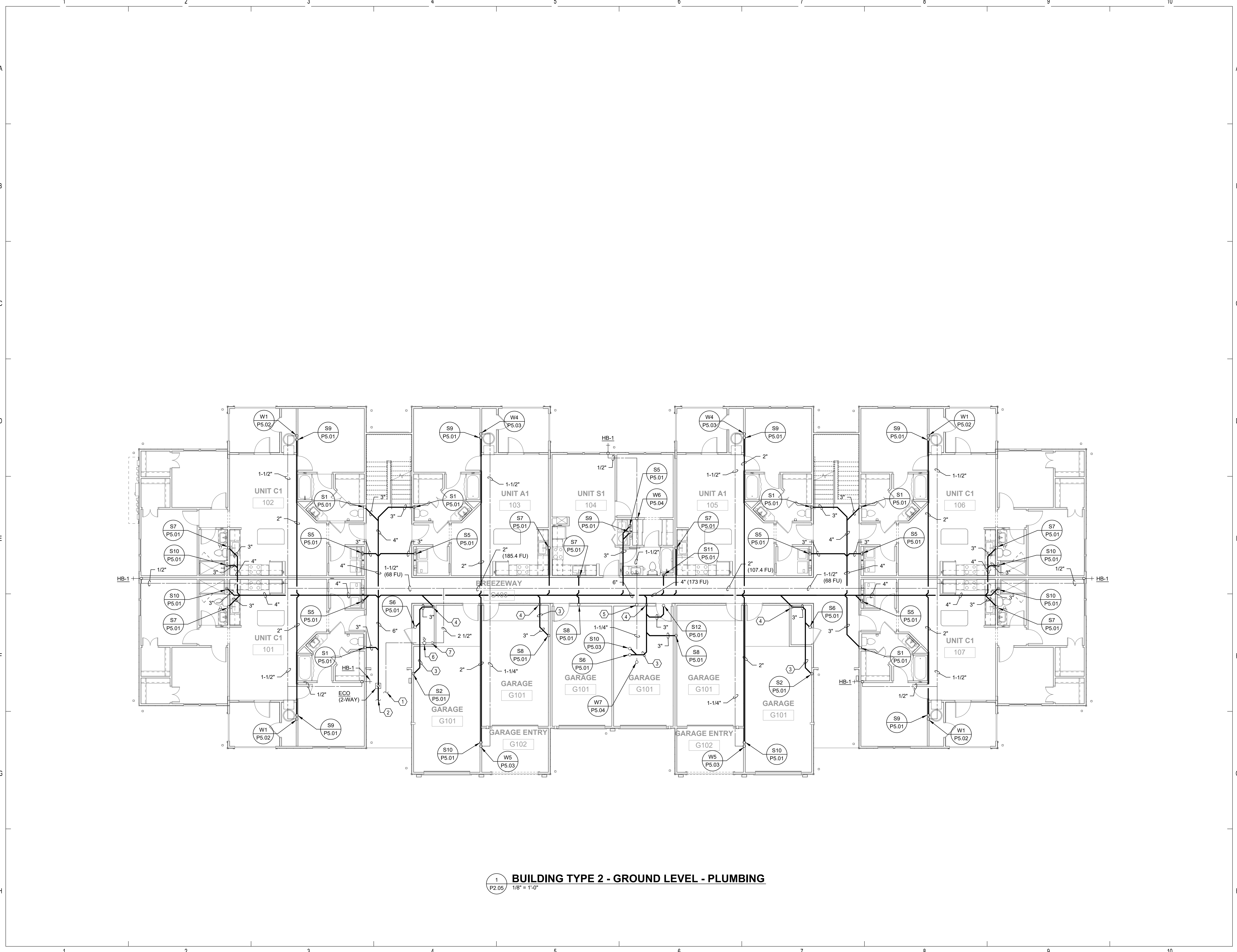
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BUILDING TYPE 1 - 3RD
LEVEL - PLUMBING

P2.03

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Date:	09/10/2019
Project #:	5592



- ### REFERENCE NOTES
- ① 2-1/2" DOMESTIC WATER SERVICE. PROVIDE BALL VALVE IN VALVE BOX. FOR CONTINUATION REFER TO CIVIL DRAWINGS. (239.4 F.U. = 72 GPM.)
 - ② 6" SANITARY WASTE PIPING BELOW GRADE AT 5'-0" FROM BUILDING WALL. FOR CONTINUATION REFER TO CIVIL DRAWINGS (303 F.U. INVERT AT -3'-0" B.F.F.)
 - ③ SANITARY LINE ABOVE GARAGE CEILING.
 - ④ SANITARY LINE DOWN TO BELOW SLAB.
 - ⑤ COLD WATER UP FROM BELOW GRADE. PROVIDE BALL VALVE IN RISER.
 - ⑥ COLD WATER PIPING DOWN TO BELOW GRADE.


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APPROVED BY: JEFF A. KORSMAN, P.E. 69029
SEAL NO. 10962

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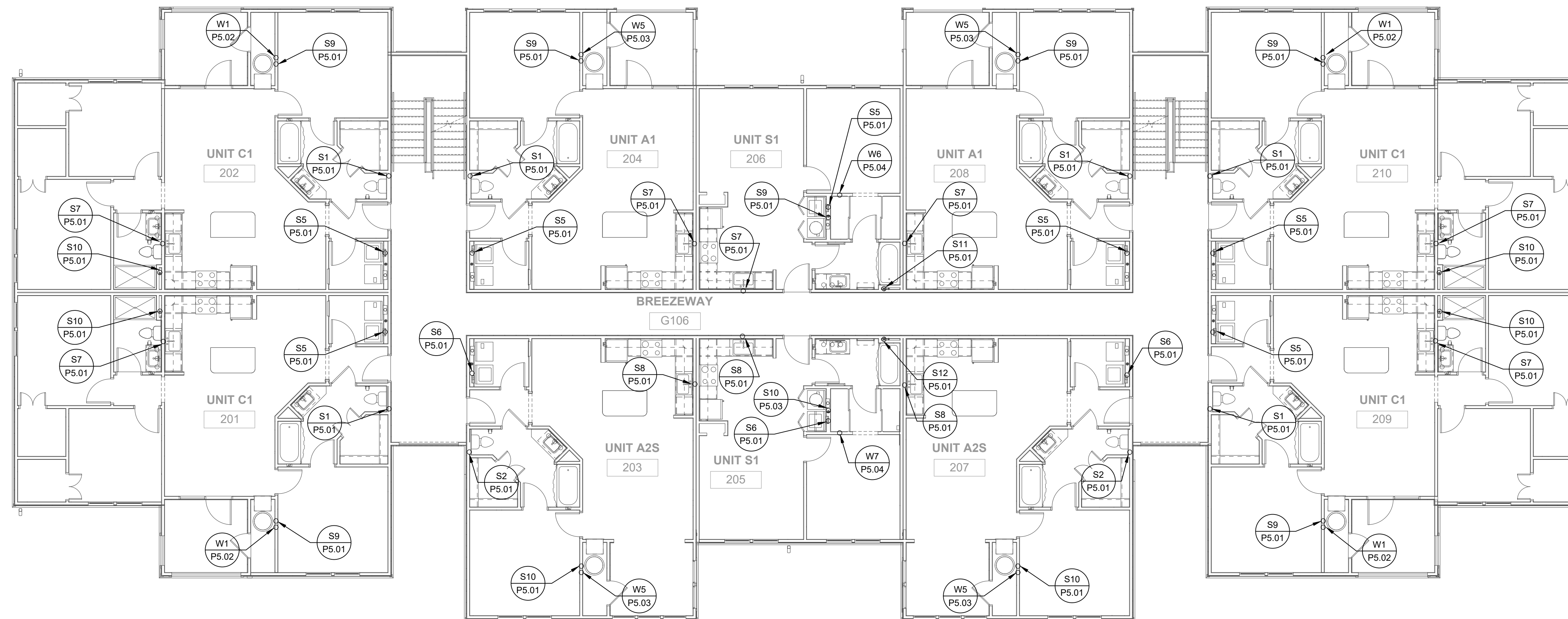
1 BUILDING TYPE 2 - GROUND LEVEL - PLUMBING
P2.05 1/8" = 1'-0"

THE ROBERT
FT. MYERS, FL

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Project #:	5592

BUILDING TYPE 2 - GROUND LEVEL - PLUMBING

P2.05



BUILDING TYPE 2 - 2ND LEVEL - PLUMBING
1/8" = 1'-0"

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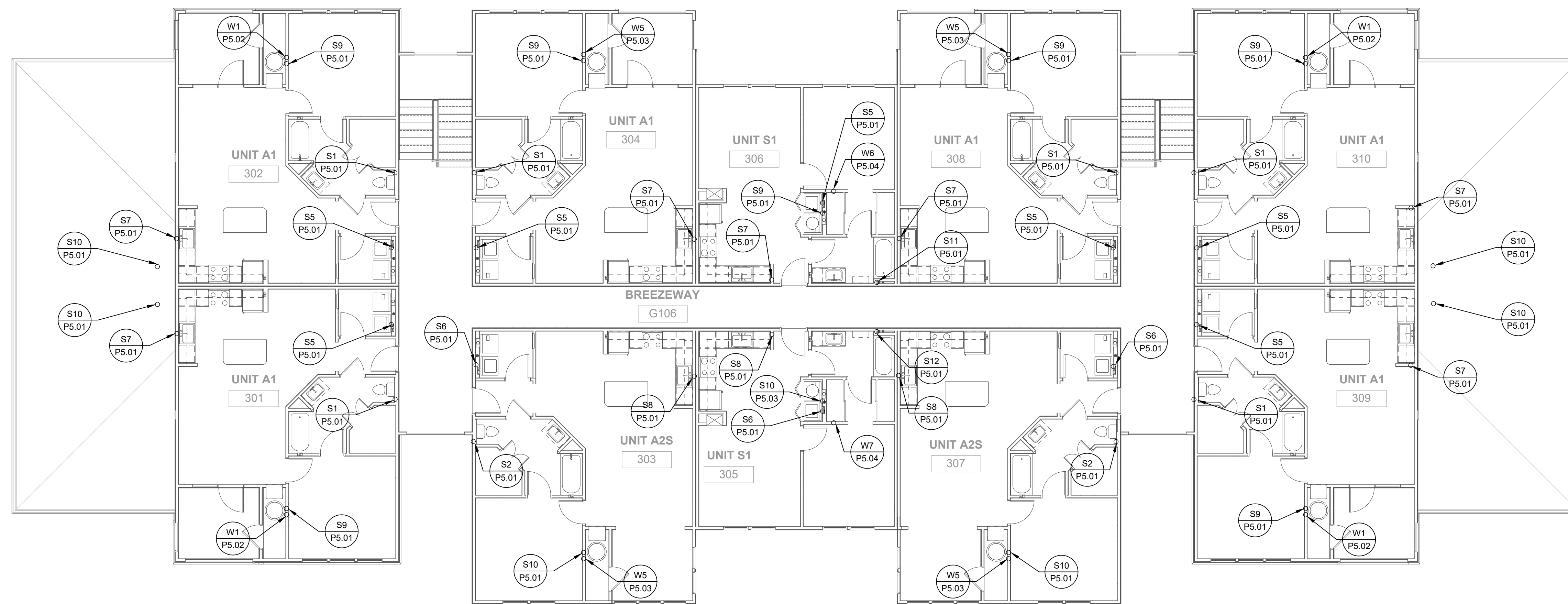
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Project #: 5592

BUILDING TYPE 2 - 2ND LEVEL - PLUMBING

P2.06



1
P2.07
BUILDING TYPE 2 - 3RD LEVEL - PLUMBING
1/8" = 1'-0"

ISSUE HISTORY

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BUILDING TYPE 2 - 3RD LEVEL - PLUMBING

P2.07

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REFERENCE NOTES

- ① 3" DOMESTIC WATER SERVICE. PROVIDE BALL VALVE IN VALVE BOX. FOR CONTINUATION REFER TO CIVIL DRAWINGS. (329.2 F.U. = 90 GPM.)
- ② 6" SANITARY WASTE PIPING BELOW GRADE AT 5'-0" FROM BUILDING WALL. FOR CONTINUATION REFER TO CIVIL DRAWINGS (398 F.U. INVERT AT -3'-0" B.F.F.)
- ③ SANITARY LINE ABOVE GARAGE CEILING.
- ④ SANITARY LINE DOWN TO BELOW SLAB.
- ⑤ COLD WATER UP FROM BELOW GRADE. PROVIDE BALL VALVE IN RISER.
- ⑥ COLD WATER PIPING DOWN TO BELOW GRADE.
- ⑦ SUMP PUMP EQUAL TO ZOELLER MODEL 152, 50 GPM, 20 FT OF HEAD, 1750 RPM, 1/2 HP, 115V, SINGLE PHASE.
- ⑧ 2" SUMP PUMP DISCHARGE UP TO ABOVE THE CEILING.
- ⑨ 2" SUMP PUMP DISCHARGE EXPOSED ON WALL AND INDIRECT INTO FLOOR DRAIN.
- ⑩ OIL WATER SEPARATOR MOUNTED FLUSH WITH FINISHED FLOOR. EQUAL TO JOSAM 60508A, 50 GPM FLOW RATE.

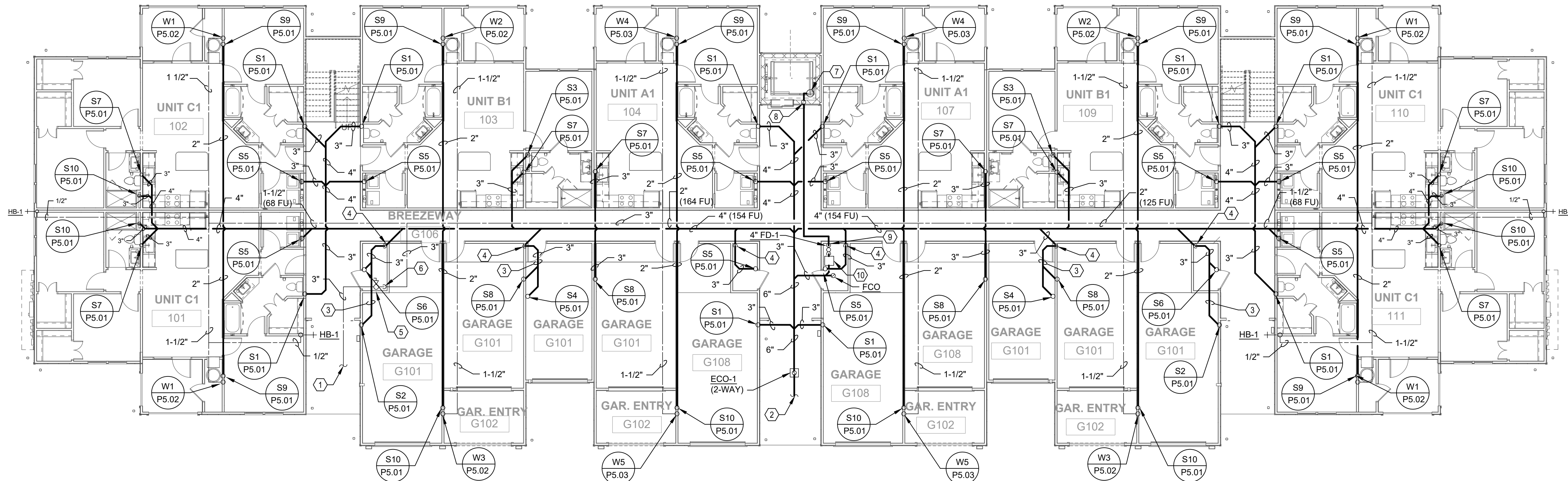
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ISSUE HISTORY

No.	Date	Description
1	11/22/19	SCHEMATIC DESIGN
2	12/06/19	DESIGN DEVELOPMENT
3	02/28/20	PERMIT REVIEW SET

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1 BUILDING TYPE 3 - GROUND LEVEL - PLUMBING
 P2.09 3/32" = 1'-0"



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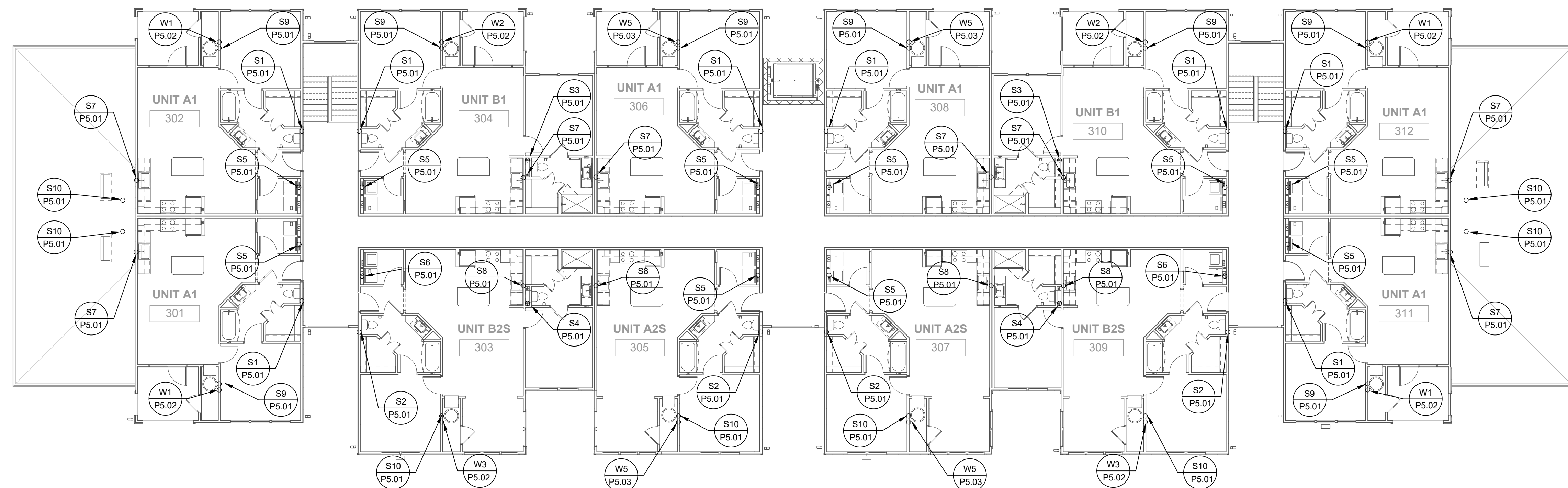
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FT. MYERS, FL

BUILDING TYPE 3 - GROUND LEVEL - PLUMBING

P2.09

Drawn:	SWC
Checked:	RDP
Approved:	JAK
Date:	09/10/2019
Project #:	5592



1 BUILDING TYPE 3 - 3RD LEVEL - PLUMBING
P2.11 3/32" = 1'-0"

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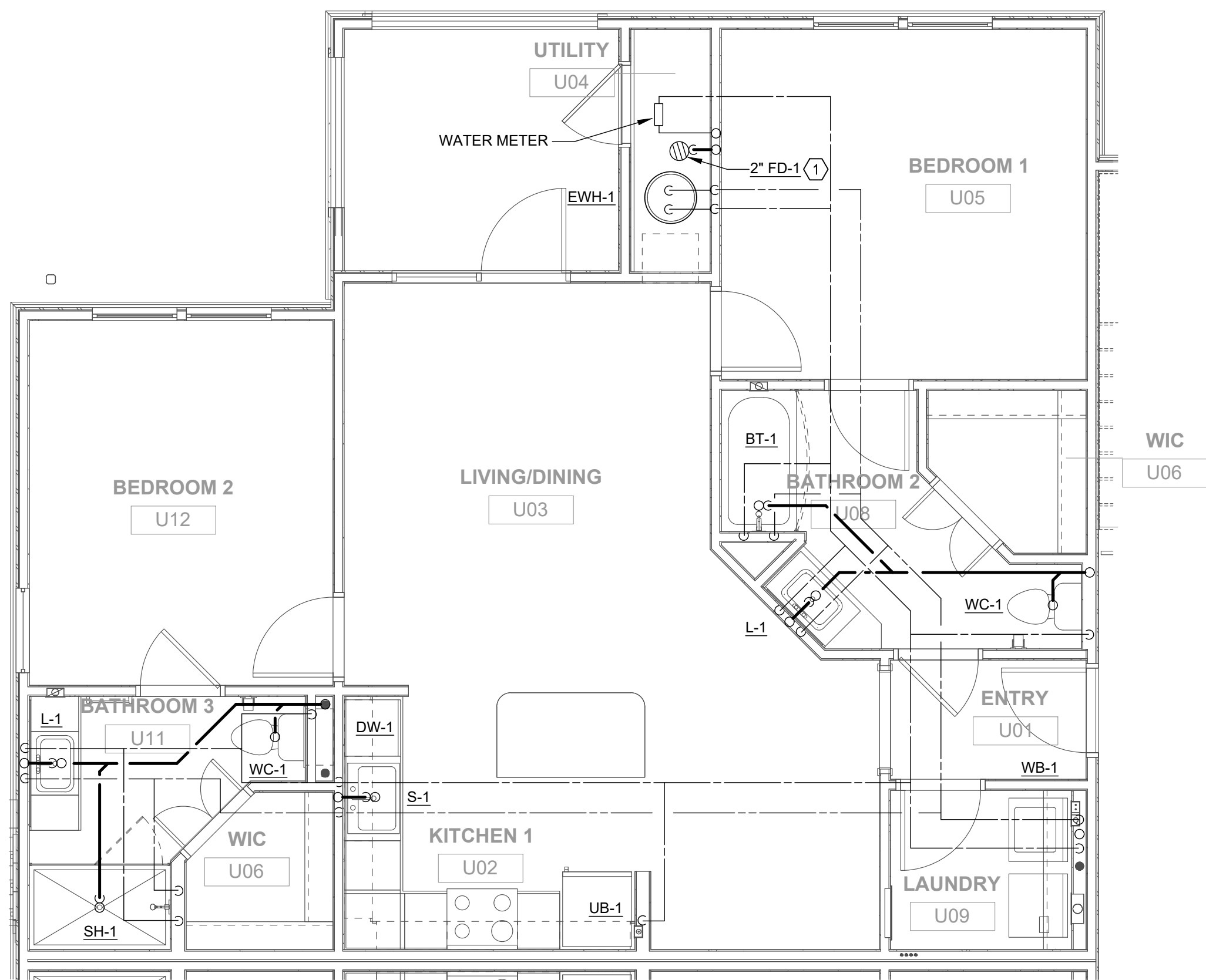
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BUILDING TYPE 3 - 3RD
LEVEL - PLUMBING

P2.11

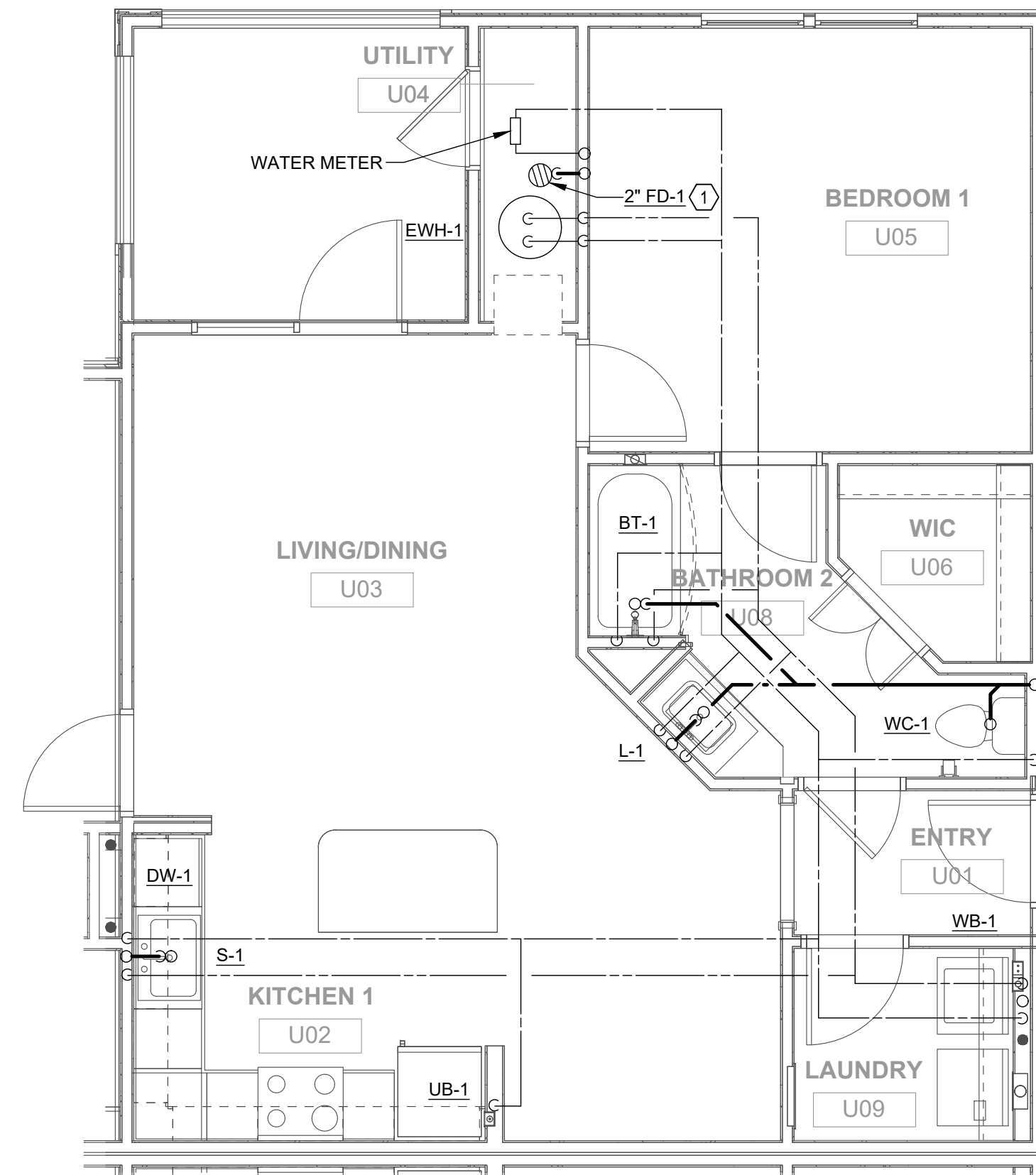
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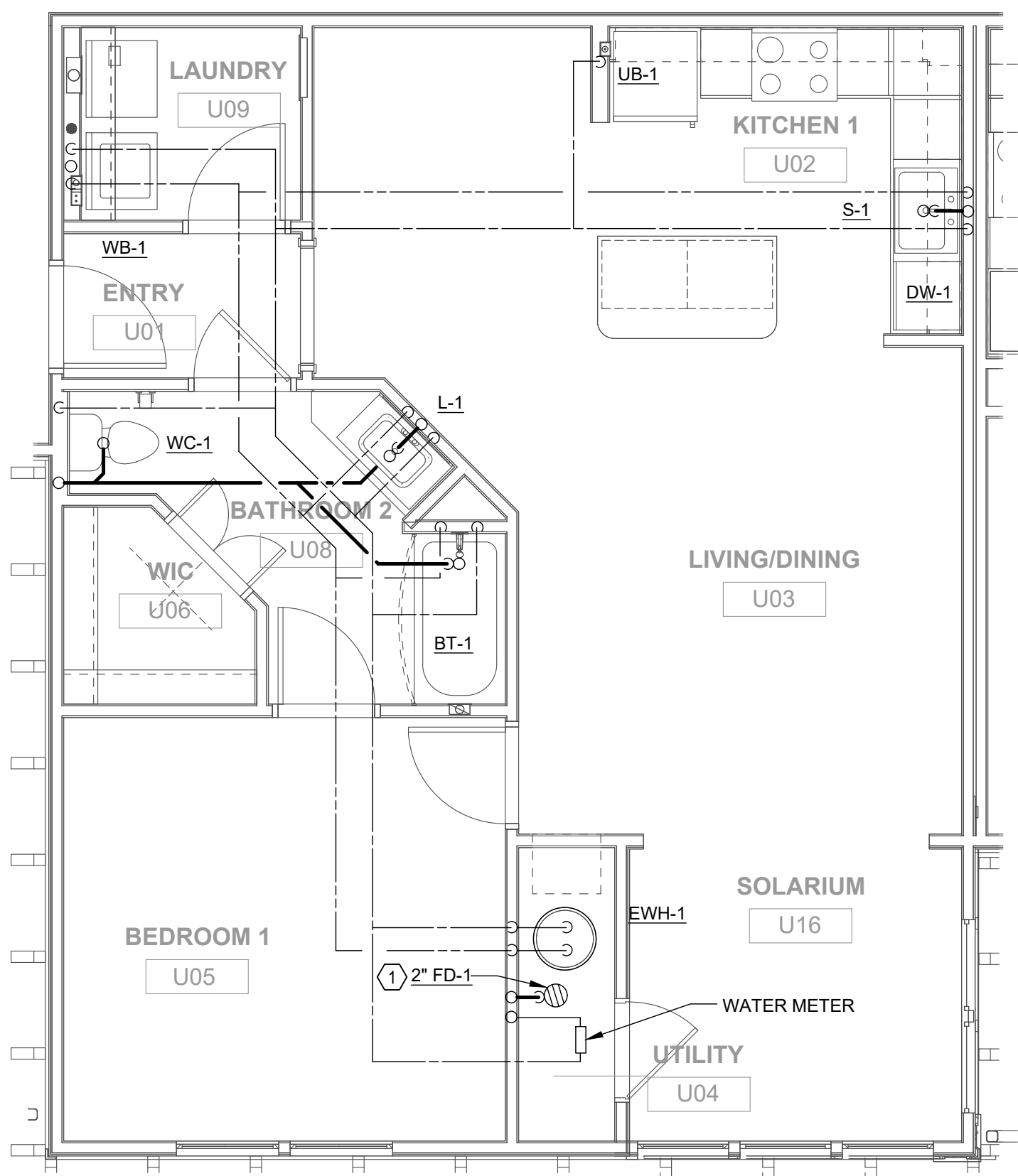
NOTE: FLOOR DRAIN INSTALLED ON LOWEST LEVEL ONLY.

4 UNIT B1 FLOOR PLAN - PLUMBING
P3.01 1/4" = 1'-0"



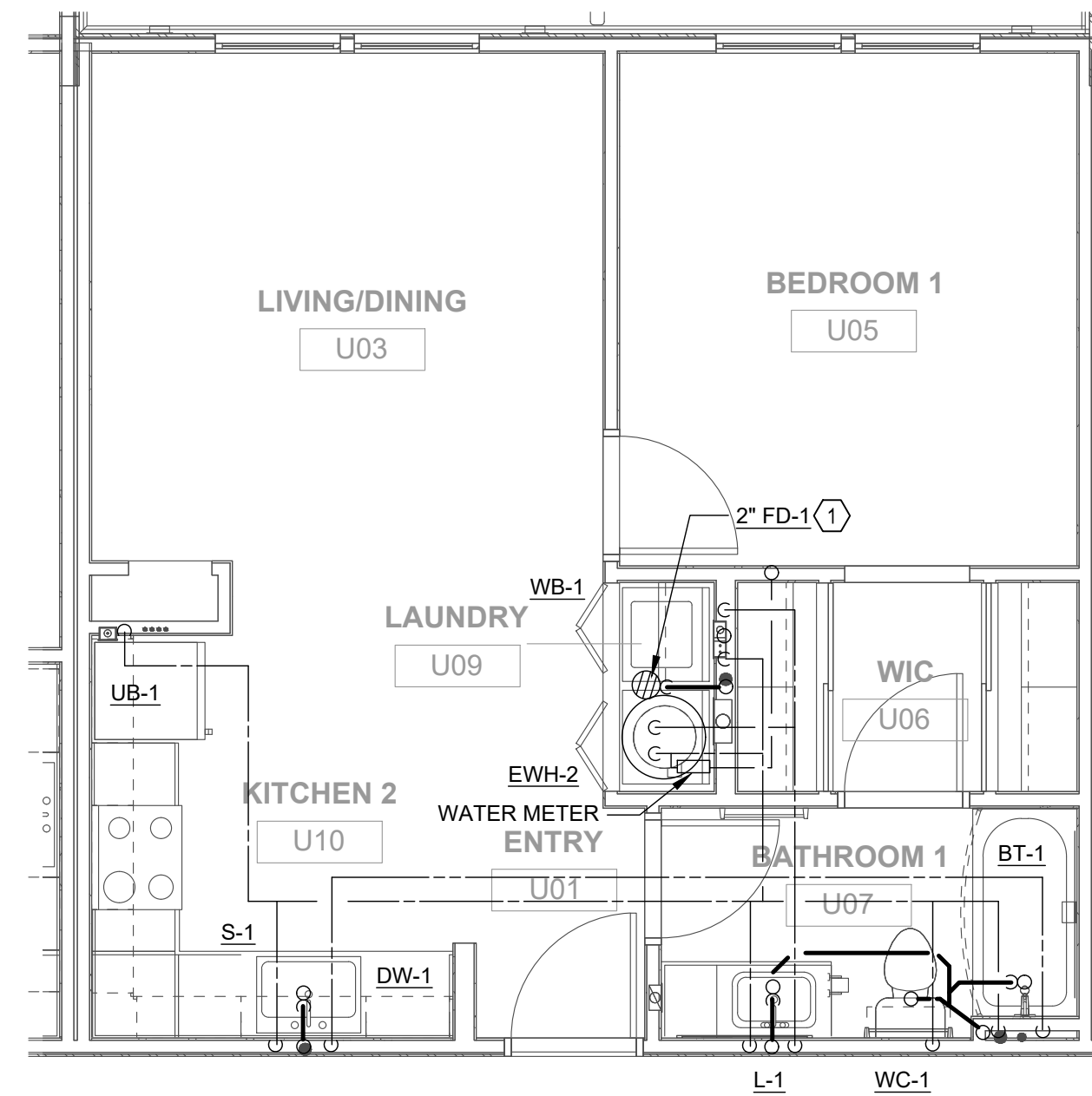
NOTE: FLOOR DRAIN INSTALLED ON LOWEST LEVEL ONLY.

2 UNIT A1 FLOOR PLAN - PLUMBING
P3.01 1/4" = 1'-0"



NOTE: FLOOR DRAIN INSTALLED ON LOWEST LEVEL ONLY.

3 UNIT A2S FLOOR PLAN - PLUMBING
P3.01 1/4" = 1'-0"



NOTE: FLOOR DRAIN INSTALLED ON LOWEST LEVEL ONLY.

1 UNIT S1 FLOOR PLAN - PLUMBING
P3.01 1/4" = 1'-0"

REFERENCE NOTES

1 PROVIDE FLOOR DRAIN WITH WATERLESS IN-LINE DRAIN TRAP SEAL CONFORMING TO ASSE 1072.

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UNIT PLANS - PLUMBING

P3.01

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NOTE: FLOOR DRAIN INSTALLED ON LOWEST LEVEL ONLY.
2 UNIT C1 FLOOR PLAN - PLUMBING
 P3.02 1/4" = 1'-0"

NOTE: FLOOR DRAIN INSTALLED ON LOWEST LEVEL ONLY.
1 UNIT B2S FLOOR PLAN - PLUMBING
 P3.02 1/4" = 1'-0"

3 TRASH ENCLOSURE - PLUMBING
 P3.02 1/4" = 1'-0"

REFERENCE NOTES

- (1) PROVIDE FLOOR DRAIN WITH WATERLESS IN-LINE DRAIN TRAP SEAL CONFORMING TO ASSE 1072.

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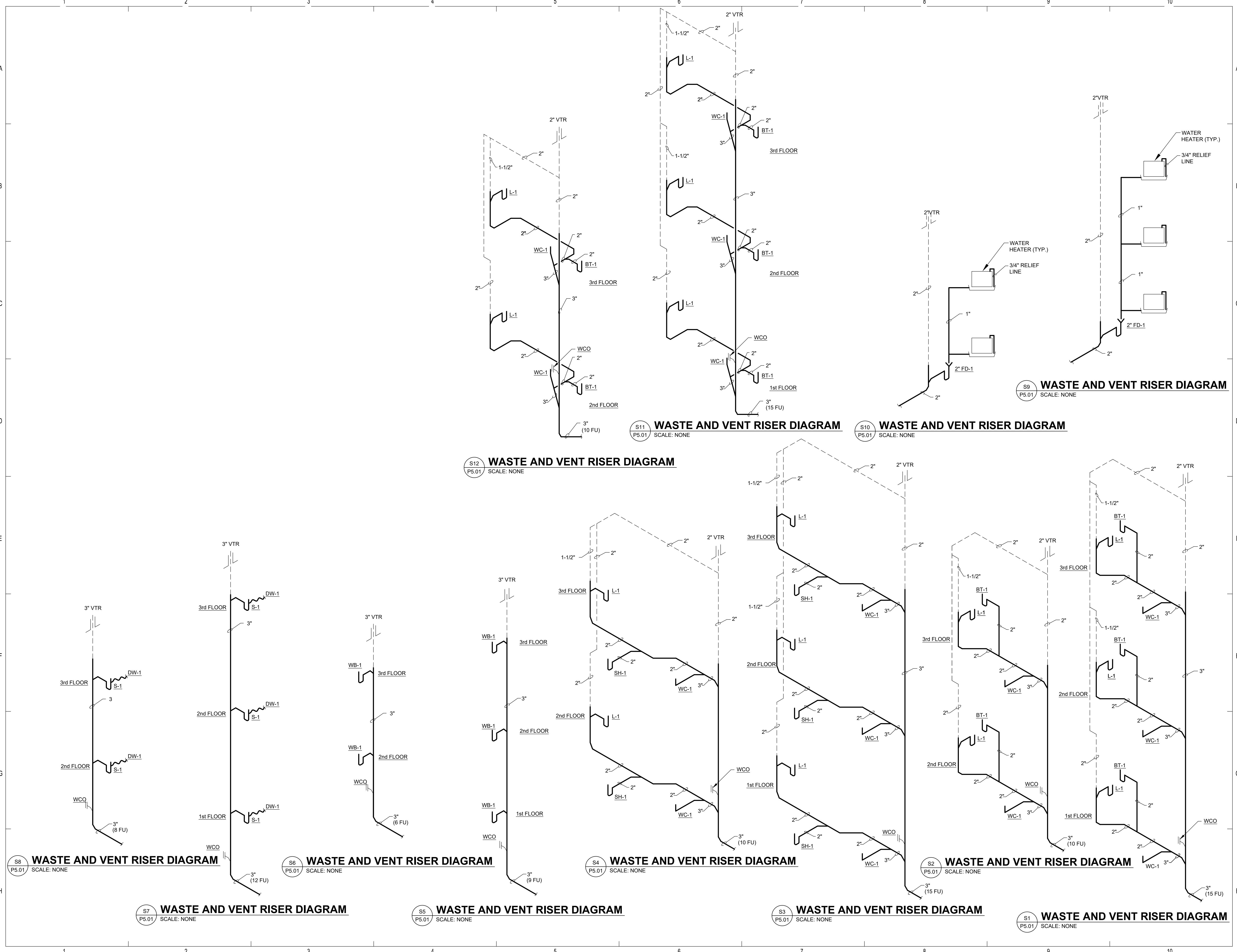
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UNIT PLANS AND TRASH ENCLOSURE - PLUMBING

P3.02

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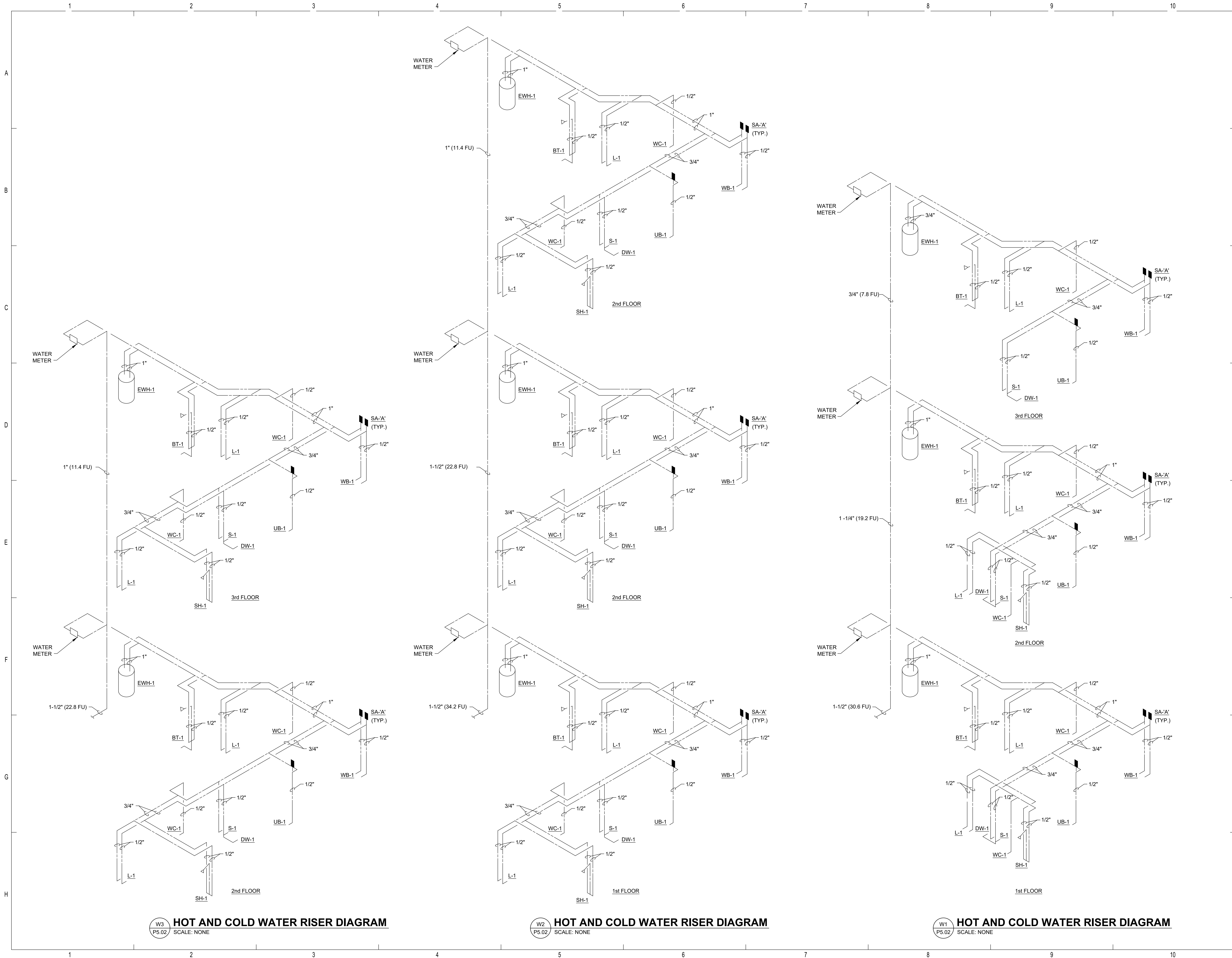
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RISER DIAGRAMS - PLUMBING
P5.01

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W3
P5.02
HOT AND COLD WATER RISER DIAGRAM
SCALE: NONE

W2
P5.02
HOT AND COLD WATER RISER DIAGRAM
SCALE: NONE

W1
P5.02
HOT AND COLD WATER RISER DIAGRAM
SCALE: NONE

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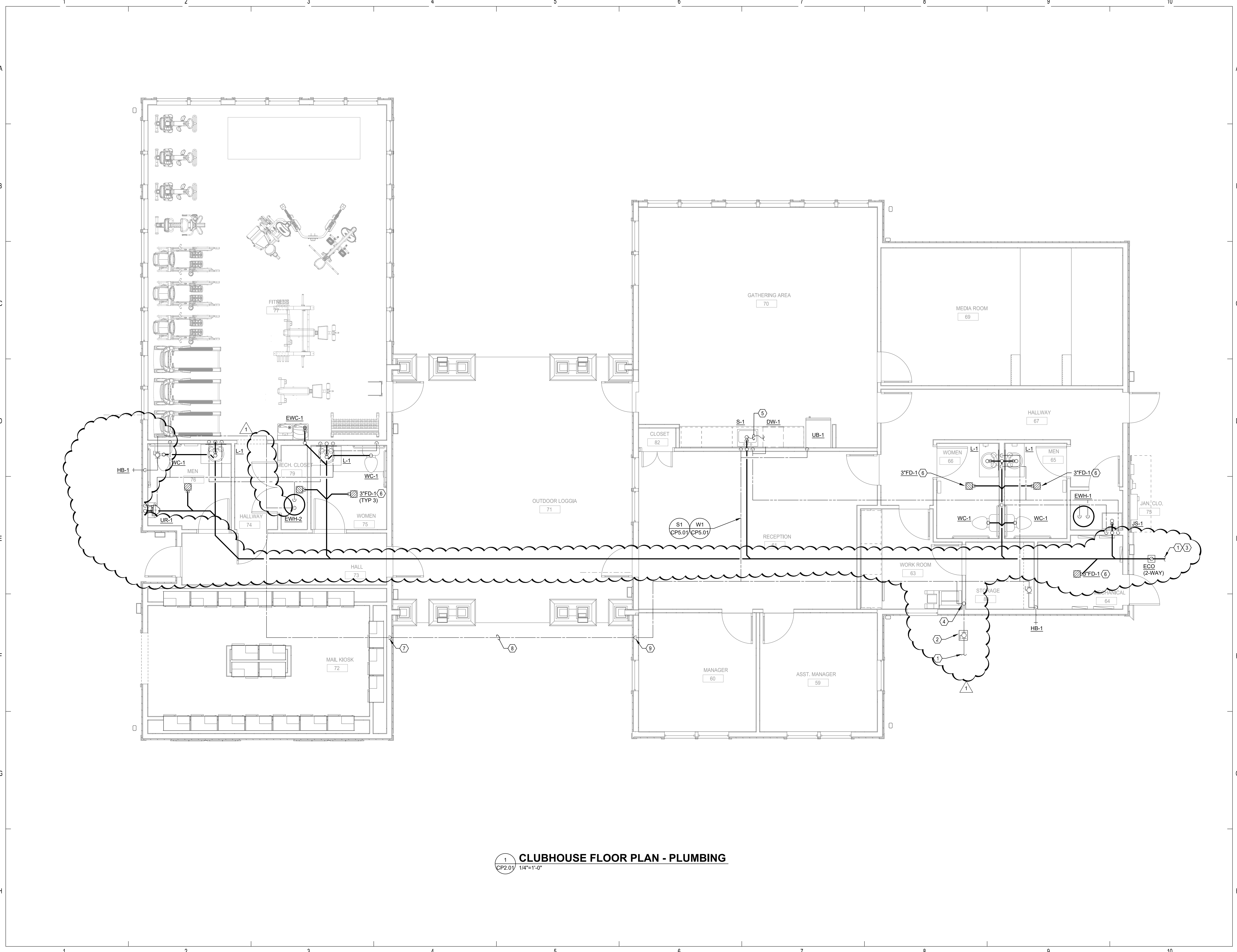
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RISER DIAGRAMS - PLUMBING

P5.02

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REFERENCE NOTES

- ① FOR CONTINUATION REFER TO CIVIL DRAWINGS.
- ② 2" DOMESTIC COLD WATER SERVICE WITH BALL VALVE IN VALVE BOX.
- ③ 4" SANITARY WASTE PIPING BELOW GRADE AT 5'-0" FROM BUILDING WALL. LEAVING INVERT = -3'-0" BFF.
- ④ 2" DOMESTIC COLD WATER UP FROM BELOW GRADE TO ABOVE THE CEILING.
- ⑤ CONNECT DRAIN LINE FROM DISHWASHER TO SINK.
- ⑥ PROVIDE FLOOR DRAIN WITH WATERLESS IN-LINE DRAIN TRAP SEAL CONFORMING TO ASSE 1072.
- ⑦ COLD WATER PIPING DOWN TO BELOW GRADE.
- ⑧ COLD WATER PIPING BELOW GARDE.
- ⑨ COLD WATER PIPING UP TO ABOVE THE CEILING.

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1	05/06/20	PERMIT COMMENT RESPONSES

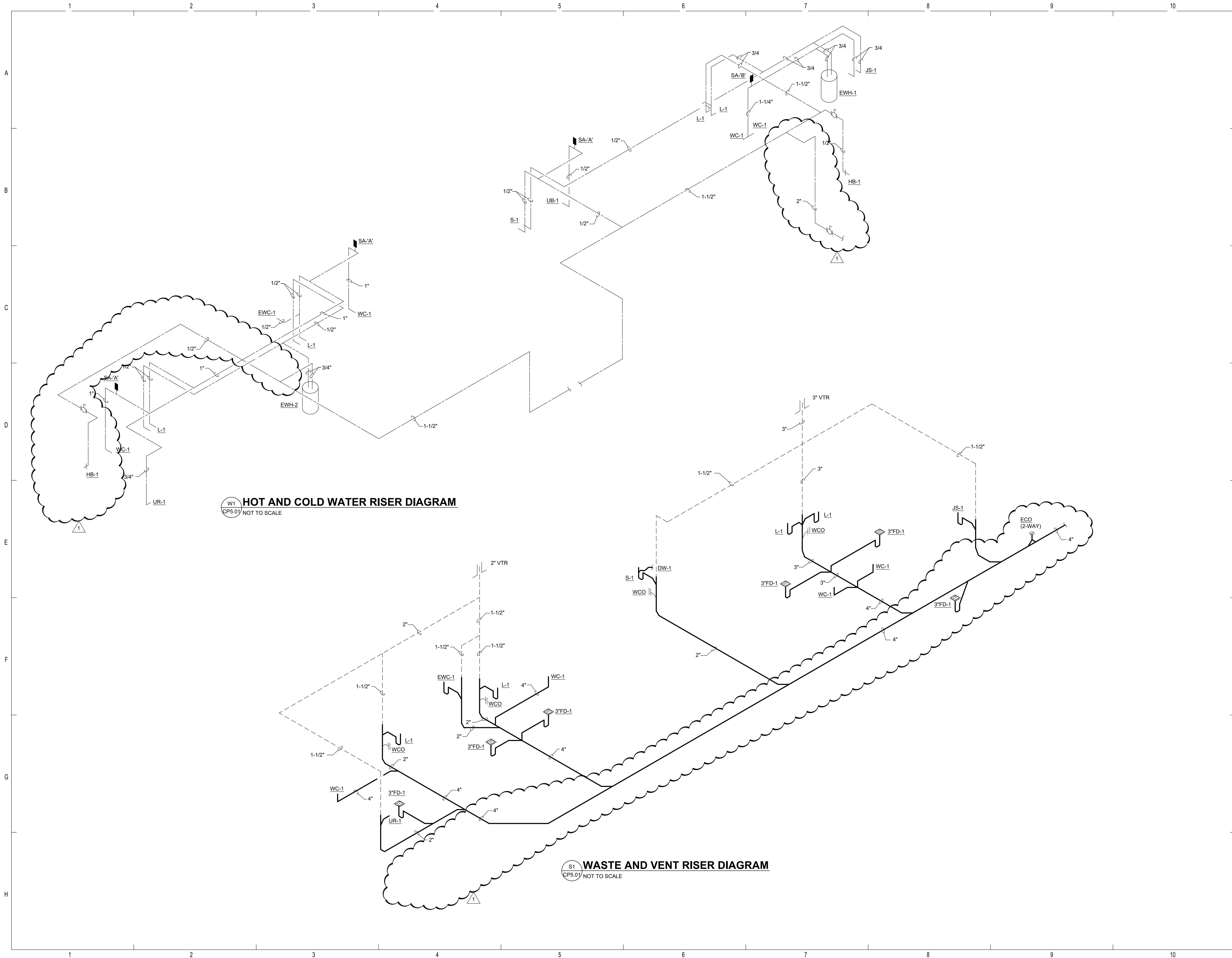

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1 CLUBHOUSE FLOOR PLAN - PLUMBING
 CP2.01 1/4"=1'-0"

THE ROBERT FT. MYERS, FL	Drawn: SWC Checked: RDP Approval: JAK Date: 09/10/2019 Project #: 5582
CLUBHOUSE BUILDING - PLUMBING	
CP2.01	



W1 HOT AND COLD WATER RISER DIAGRAM
 CP5.01 NOT TO SCALE

S1 WASTE AND VENT RISER DIAGRAM
 CP5.01 NOT TO SCALE

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RISER DIAGRAMS - PLUMBING

CP5.01

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