

- GENERAL NOTES:**
- ALL HWY AND VENT PIPING SHALL BE RUN ABOVE CEILING UNLESS NOTED OTHERWISE. SEE SPECIFICATIONS FOR PIPING INSULATION REQUIREMENTS.
 - ALL WASTE PIPING SHALL BE RUN BELOW SLAB UNLESS NOTED OTHERWISE.
 - CLAMMING INSERTS FOR PIPE SIZES AND SHUT OFF VALVES NOT SHOWN ON PLANS.
 - COORDINATE EXISTING ROUTING OF ALL PIPING SO AS NOT TO CONFLICT WITH EXISTING STRUCTURAL MEMBERS, MECHANICAL, ELECTRICAL, AND PLUMBING TRIM TO TRIM TYPE. PROVIDE OFFSETS AND BENDS AS NECESSARY.
 - HANG ALL UNDERGROUND PIPING FROM SLAB. SEE DETAIL ON SHEET P 202.
 - BUILDING SHALL BE PROTECTED WITH A FULLY AUTOMATIC SPRINKLER SYSTEM. CONTRACTOR SHALL NOT FABRICATE OR INSTALL SPRINKLER PIPING IN ANY ROOM OR AREA UNLESS IT IS SPECIFICALLY NOTED BY THE DESIGNER AND STATE FIRE MARSHAL. CONTRACTOR SHALL PROVIDE A 3" HUB DRAIN FOR EACH UNIT TO HUB DRAIN INSULATED AS REQUIRED. SEE SPECIFICATION SECTION 21.13.1.
 - PROVIDE ADDITIONAL HEADS IN MECHANICAL ROOMS TO GIVE PROPER COVERAGE AND SPRAY PATTERN AND COVERAGE.

- SPECIFICATIONS:**
- APPROXIMATE LOCATION OF EXISTING UNDERGROUND WASTE PIPING. EXACT LOCATION IN FIELD.
 - CONNECT NEW WASTE PIPING TO EXISTING. VERIFY EXACT LOCATION IN FIELD.
 - CONNECT NEW DOMESTIC COLD WATER TO EXISTING. VERIFY EXACT LOCATION IN FIELD.
 - ALL ABOVE CEILING PIPING THIS AREA SHALL BE ROUTED BETWEEN CEILING AND MEZZANINE FLOOR.
 - THESE PIPING SHALL BE RUN IN ACCORDANCE WITH THE INSULATION REQUIREMENTS ON THERMATIC MECHANICAL VALVE AND CONNECTION REQUIREMENTS.
 - 3" HUB DRAIN FOR AC-3 AND CONDENSATE ROUTE. 1" CONDENSATE DRAIN WITH RUNNING TRAP FROM EACH UNIT TO HUB DRAIN INSULATED AS REQUIRED.
 - 3" HUB DRAIN FOR EACH UNIT TO HUB DRAIN INSULATED AS REQUIRED.
 - CONNECT NEW VENT TO EXISTING. VERIFY EXACT LOCATION IN FIELD.
 - ROUTE 1" CONDENSATE DRAIN WITH RUNNING TRAP FROM AC-1 AND 2 TO FLOOR DRAIN INSULATED AS REQUIRED.
 - ROUTE 1" CONDENSATE DRAIN WITH RUNNING TRAP FROM AC-3 TO FLOOR DRAIN INSULATED AS REQUIRED.



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



10/1/23

THIS DRAWING IS THE PROPERTY OF MULTISTUDIO. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED ON THE DRAWING. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MULTISTUDIO.

PLUMBING			LEGEND	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	DESCRIPTION
—●—●—●—	COLD WATER	—●—●—●—	HOT WATER	HOT WATER
—●—●—●—	HOT WATER	—●—●—●—	TO	TO
—●—●—●—	TO	—●—●—●—	TRAP PRIMER	TRAP PRIMER
—●—●—●—	TRAP PRIMER	—●—●—●—	PLUMBING RISER DIAGRAM	PLUMBING RISER DIAGRAM
—●—●—●—	PLUMBING RISER DIAGRAM	—●—●—●—	TRAP SEAL	TRAP SEAL

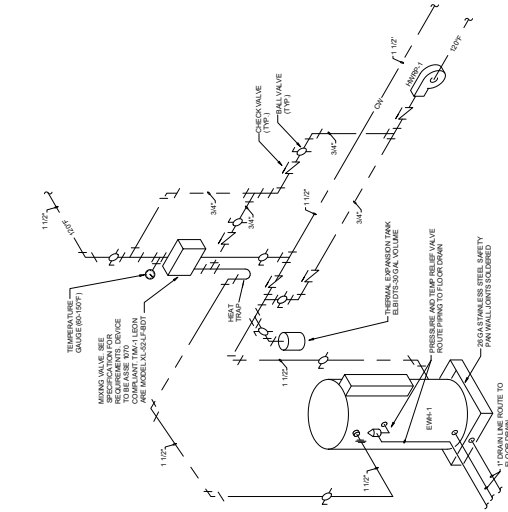
PLUMBING			FIXTURE		SCHEDULE	
MARK	FIXTURE	WASTE	H/W	C/W	DESCRIPTION	DESCRIPTION
P1	WC	4"	-	1"	PRIMARY CAME FLOOR MOUNTED WATER CLOSET WITH FLUSH VALVE	PRIMARY CAME FLOOR MOUNTED WATER CLOSET WITH FLUSH VALVE
P2	LAV	1 1/2"	1/2"	1/2"	WALL HUNG LAVATORY WITH FAUCET AND PIPE ENCLOSURE OR PRIMARY HEIGHT	WALL HUNG LAVATORY WITH FAUCET AND PIPE ENCLOSURE OR PRIMARY HEIGHT
P3	BK	1 1/2"	1/2"	1/2"	SINK COMPARTMENT S.E.L.V.A.N.B.K WITH FAUCET FOR ADA USE	SINK COMPARTMENT S.E.L.V.A.N.B.K WITH FAUCET FOR ADA USE
P4	BK	1 1/2"	1/2"	1/2"	SINK COMPARTMENT S.E.L.V.A.N.B.K WITH FAUCET FOR ADA USE	SINK COMPARTMENT S.E.L.V.A.N.B.K WITH FAUCET FOR ADA USE
P5	SS	2"	1/2"	1/2"	FLOOR MOUNT MOP SINK WITH FAUCET	FLOOR MOUNT MOP SINK WITH FAUCET
FD	FLOOR DRAIN	3"	-	-	CAST IRON FLOOR DRAIN WITH ROUND TOP	CAST IRON FLOOR DRAIN WITH ROUND TOP
FD-1	FLOOR DRAIN	3"	-	-	CAST IRON FLOOR DRAIN WITH RECESSED ROUND TOP	CAST IRON FLOOR DRAIN WITH RECESSED ROUND TOP
HB	HOSE BIBB	-	-	-	BALL COCK WITH VACUUM BREAKER	BALL COCK WITH VACUUM BREAKER
HB-1	HOSE BIBB	-	-	3/4"	NON-FREEZE EXTENSION HYDRAULIC WITH VACUUM BREAKER	NON-FREEZE EXTENSION HYDRAULIC WITH VACUUM BREAKER
HB-2	HOSE BIBB	-	-	3/4"	NON-FREEZE ROOF HYDRAULIC WITH VACUUM BREAKER	NON-FREEZE ROOF HYDRAULIC WITH VACUUM BREAKER
M	ICE MAKE BOX	-	-	3/4"	RECESSED ICE MAKE VALVE BOX	RECESSED ICE MAKE VALVE BOX
TP	TRAP PRIMER	-	-	1/2"	SEE DETAIL	SEE DETAIL
WM	WASHER BOX	1 1/2"	3/4"	3/4"	RECESSED 3/4" DIA. STEEL WASHER MACHINE BOX WITH HOT COLD WATER AND WASTE CONNECTION	RECESSED 3/4" DIA. STEEL WASHER MACHINE BOX WITH HOT COLD WATER AND WASTE CONNECTION

SCALE: SEE SPECIFICATIONS FOR COMPLETE FIXTURE DESCRIPTION.

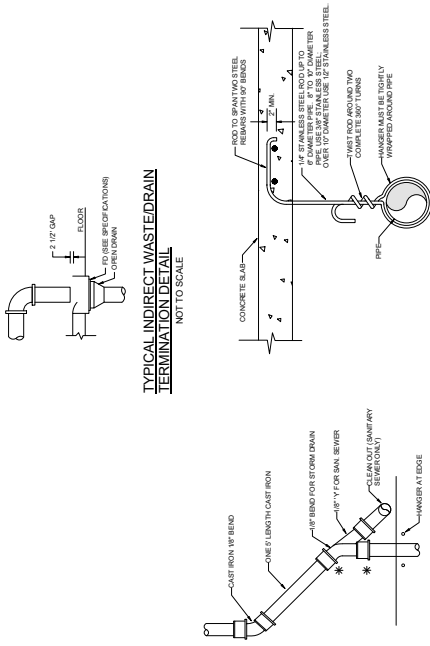
ELECTRIC			WATER		HEATER		SCHEDULE	
MARK	QAL	WAT	PH	PH	PH	PH	PH	PH
EWH-1	40	15	208	3	WALL	1"	ELECTRIC ELECTRICAL WATER HEATER	ELECTRIC ELECTRICAL WATER HEATER

PLUMBING			PUMP		SCHEDULE	
MARK	SERVICE	GPM	WAT	WAT	WAT	WAT
HWHP-1	WATER	8	20	75	120	1

SCALE: SEE SPECIFICATIONS FOR COMPLETE FIXTURE DESCRIPTION.



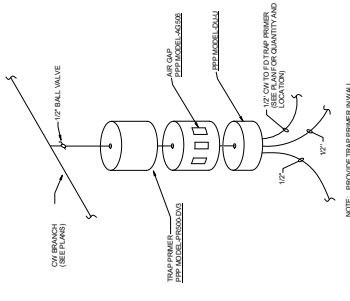
ELECTRIC WATER HEATER (EWH-1) DETAIL
NOT TO SCALE



TYPICAL INDIRECT WASTEWATER
TERMINATION DETAIL
NOT TO SCALE

SWING JOINT DETAIL
NOT TO SCALE

PIPE HANGER UNDER SLAB DETAIL
NOT TO SCALE



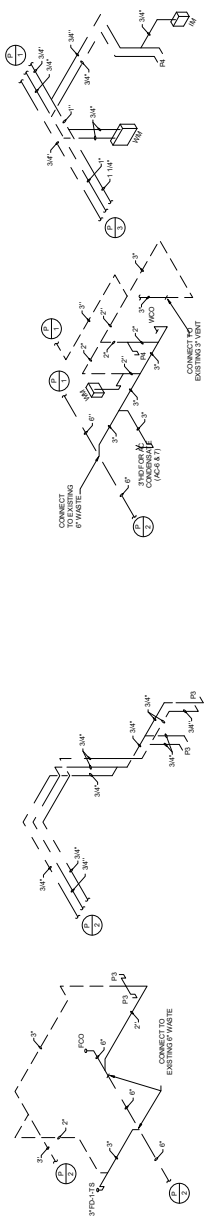
TYPICAL TRAP PRIMER PIPING DETAIL
NO SCALE

10/14/22

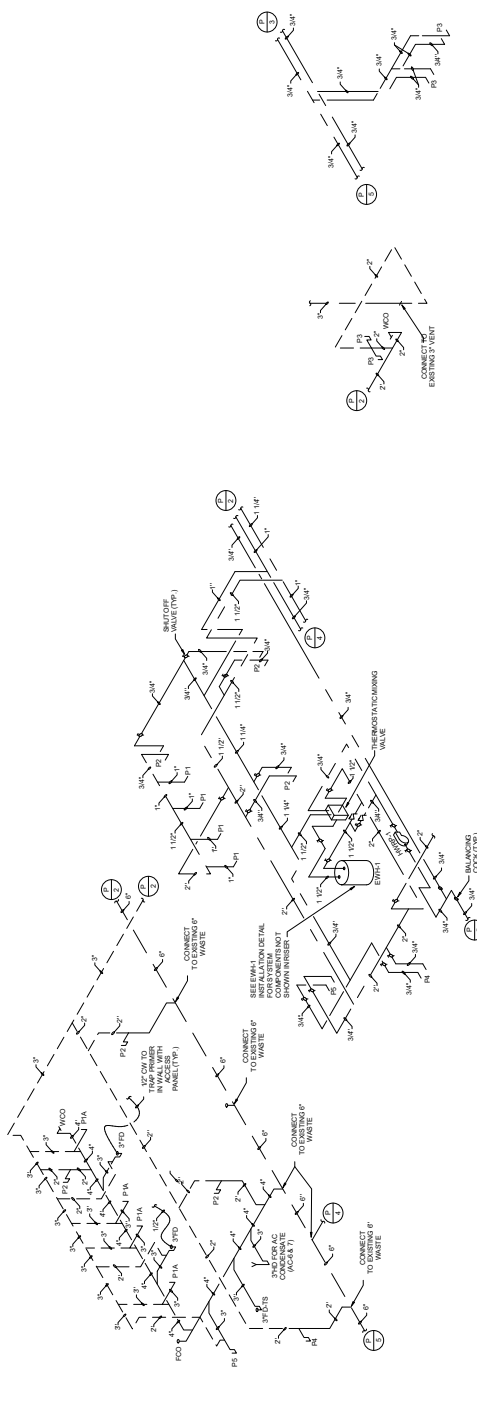
PLUMBING SCHEDULES AND DETAILS - P 201
THESE SCHEDULES AND DETAILS ARE THE PROPERTY OF MULTISTUDIO, INC. AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MULTISTUDIO, INC.



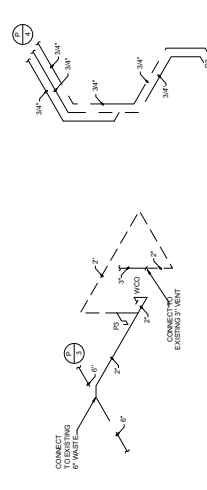
PLUMBING RISERS
P 202
CONSTRUCTION DOCUMENTS



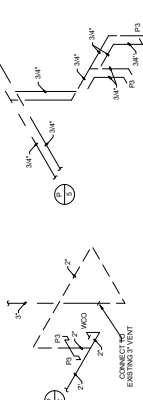
WASTE AND VENT PIPING (P 1) HOT AND COLD WATER PIPING



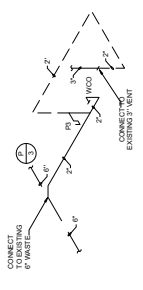
WASTE AND VENT PIPING (P 2) HOT AND COLD WATER PIPING



WASTE AND VENT PIPING (P 3) HOT AND COLD WATER PIPING



WASTE AND VENT PIPING (P 4) HOT AND COLD WATER PIPING



WASTE AND VENT PIPING (P 5) HOT AND COLD WATER PIPING

