PLUMBING GENERAL NOTES

1. THESE DRAWINGS ARE DIAGRAMMATIC AND SHOW GENERAL PLUMBING LAYOUTS AND PIPE ROUTING AND ARE FOR BIDDING PURPOSES ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE DETAILED SHOP DRAWINGS AND CONFIRM SPACE ALLOCATIONS. ALL WORK SHALL CONFORM TO THE PLUMBING CODE,
2. LOCAL AND STATE BUILDING CODES AND HEALTH REGULATIONS HAVING JURISDICTION. CONTRACTOR SHALL OBTAIN ALL FIELD APPROVALS AND PERMITS FROM GOVERNING AGENCIES AS
3. REQUIRED. ROUGH–IN AND MAKE FINAL CONNECTIONS TO ALL FOOD PREP EQUIPMENT. COORDINATE WITH EQUIPMENT SUPPLIER FOR
4. ALL ROUGH–INS. FURNISH AND/OR INSTALL ALL NECESSARY VALVES, TRAPS, FLOW CONTROLS, FILTERS, BACKFLOW PREVENTERS, FAUCETS, STOPS, TAILPIECES, VACUUM BREAKERS, ETC. IF NOT
5. FURNISHED ON OR WITH EQUIPMENT. FURNISH AND INSTALL HAND SHUT–OFF VALVES ON ALL HOT AND COLD WATER LINES AT STUB–IN AND AS SHOWN ON PLANS. ALL WASTE AND VENT SHALL BE CAST IRON (PVC–DWV MAY BE USED WHERE ALLOWED BY
6. CODE). INSULATE ALL DRAIN AND WATER LINES FROM ICE MACHINES
7. WITH 1/2" THICK ARMAFLEX. FURNISH AND INSTALL WATER AND DRAIN PIPING FROM ALL FOOD PREP EQUIPMENT WHETHER OR NOT
8. SHOWN ON DRAWINGS. FURNISH AND INSTALL APPROVED CHROME PLATED TYPE VACUUM BREAKERS WHERE REQUIRED BY CODE AND
9. AS SHOWN ON PLANS. CONTRACTOR SHALL VERIFY ALL FLOW LINES PRIOR TO ROUGHING IN. CONTRACTOR MAY RE–LAYOUT TO HIS
10. ADVANTAGE CODE EQUIVALENT PLUMBING SO AS TO REDUCE INSTALLATION COSTS OR TO REROUTE TO AVOID CONFLICTS WITH
11. OTHER TRADES AFTER FIRST RECEIVING APPROVAL OF ARCHITECT/ENGINEER. PLUMBING CONTRACTOR SHALL COORDINATE
12. WITH ELECTRICAL CONTRACTOR ALL VOLTAGES, ELECTRICAL LOADS, ETC. OF ALL ELECTRICALLY OPERATED EQUIPMENT PRIOR TO ORDERING EQUIP. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ALL BLDG. DIMENSIONS, DETAILS, ELEVATIONS AND EXACT
13. LOCATION OF PLUMBING FIXTURES. PLUMBING CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL, STRUCTURAL, ELECTRICAL, HVAC, SPRINKLER AND ALL OTHER TRADES FOR PIPE ROUTING AND
14. EQUIPMENT PLACEMENT. AVOID INTERFERENCE WITH ARCHITECTURAL FEATURES, BEAMS, FOOTINGS, WINDOWS, ETC. NOTIFY ARCHITECT IMMEDIATELY OF ANY CONFLICTS.
15. PLUMBING CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL, STRUCTURAL, ELECTRICAL, HVAC, SPRINKLER AND ALL OTHER TRADES FOR PIPE ROUTING AND EQUIPMENT PLACEMENT. AVOID INTERFERENCE WITH ARCHITECTURAL FEATURES, BEAMS, FOOTINGS, WINDOWS, ETC. NOTIFY ARCHITECT IMMEDIATELY OF ANY CONFLICTS.
16. SLEEVES SHALL BE INSTALLED WHERE PIPING PASSES THRU STRUCTURE. SLEEVES SHALL BE EQUAL TO "PROSET". ALL
17. OPENINGS THRU RATED WALLS OR FLOORS SHALL BE SEALED WITH AN APPROVED FIREPROOFING TO MAINTAIN THE INTEGRITY OF THE WALL OR FLOOR. PROVIDE MANUFACTURED COMPATIBLE PIPE
18. HANGERS, RODS AND INSERTS, OR CLAMPS FOR THE PROPER SUPPORT OF ALL PIPING. BAND IRON, TIE WIRE, METAL STRAPPING
19. OR WIRE STRAPPING WILL NOT BE PERMITTED. PROVIDE SUITABLE BACKING AND SUPPORT FOR ALL EQUIPMENT. PIPE VIBRATION
20. AND/OR PIPE SWAY WILL NOT BE PERMITTED. ALL VTR'S SHALL BE
21. A MINIMUM OF 15"–0" OR AS REQUIRED BY CODE FROM A/C
22. INTAKES. OFFSET ALL VTR'S AS REQUIRED WHETHER OR NOT
23. SHOWN ON DRAWINGS. PROVIDE ALL VTR'S WITH 4 LB. HIGH BOOT LEAD FLASHING OR AS REQUIRED BY ROOFING MANUFACTURER.
24. ALL PIPING SHALL BE LABELED. SEE SPECIFICATIONS. PROVIDE PLASTIC OF METAL TAGS ON ALL VALVES. PLUMBING CONTRACTOR
25. SHALL FURNISH ACCESS PANELS TO BE INSTALLED BY GENERAL CONTRACTOR AS REQUIRED FOR PLUMBING. INSTALLATIONS. ALL
26. VALVES AND SHOKSTOP'S SHALL BE ACCESSIBLE. ALL WATER LINES NOT PROVIDED WITH SHOKSTOPS SHALL HAVE AIR CUSHIONS. PROVIDE LEAD FLASHING FOR ALL FLOOR DRAINS. PROVIDE OPENINGS FOR DRAINS FROM HVAC EQUIPMENT.
27. COORDINATE LOCATIONS WITH HVAC CONTRACTOR. ANY PIPING SUBJECT TO FREEZING SHALL BE WRAPPED WITH HEAT TAPE AND
28. INSULATED WHETHER OR NOT SHOWN ON THE PLANS. HEAT TAPE
29. SHALL BE EQUAL TO RAYCHEM "XL TRACE". PROVIDE C.O.'S AT THE BASE OF ALL STACKS AS REQ'D. BY INSPECTOR. CONTRACTOR
30. SHALL SUBMIT SHOP DRAWINGS SHOWING ALL SLEEVE LOCATIONS, ETC. TO STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO STARTING ANY WORK. UPON COMPLETION OF THE WORK COVERED
31. BY THIS CONTRACT, FURNISH THE OWNER WITH ONE COMPLETE
32. SET OF REPRODUCIBLE "AS–BUILT" DRAWINGS WHICH SHOW ALL PLUMBING INSTALLED UNDER THIS CONTRACT. PROVIDE ACCESS PANELS FOR TUB WASTE & OVERFLOWS IF REQ'D. BY LOCAL
33. INSPECTOR. PROVIDE ACCESS PANELS FOR TUB WASTE & OVERFLOWS IF REQ'D. BY LOCAL INSPECTOR.
34. WHERE ACCESS PANELS ARE USED IN RATED CHASE WALLS INSTEAD OF W.C.O.'S ACCESS PANELS SHALL BE 8"X8" U.L. APPROVED AND AS SELECTED BY ARCHITECT.
35. HOT WATER RETURN SYSTEM SHALL BE TESTED AND BALANCED BY INDEPENDENT TESTING CONTRACTOR.
36. ALL 1 1/2" VTR & 2" VTR SHALL BE INCREASED TO 3" VTR. PROVIDE INCREASERS AT 2'–0" BELOW ROOF.

DRAINS,, CLEANOUT AND HOSE BIBBS SCHEDULE

SEE ARCHITECTURAL PLANS FOR EXACT HEIGHT AND LOCATION OF ALL FIXTURES

MARK	DESCRIPTION	MANUF.	MODEL NUMBER	HW	CW	W	V	DESCRIPTION
FD–1 FD–2	FLOOR DRAIN	J.R. SMITH JOSAM WADE ZURN WADE	2005 SERIES 30000–C SERIES 1100 SERIES Z–415B 1200–27			3	1 1/2	NICKEL BRONZE
FS–1	FLOOR SINK	J.R. SMITH JOSAM WADE WADE ZURN	3140 49320A 9140 9110–15 Z–1900–K			3	1 1/2	KITCHEN AREA – NICKEL BRONZE
FCO	FLOOR CLEANOUT	J.R. SMITH JOSAM WADE ZURN	#4251 U 55000 SERIES 6000,1–CF ZN–1400–NH					WITH CARPET CLAMPING FRAME
WCO	WALL CLEAN OUT	J.R. SMITH JOSAM WADE ZURN	4402 58600–CO 8550X8480R Z1441					STAINLESS STEEL COVER
NFWH	NON–FREEZE WALL HYDRANT	WOODFORD	B65	3/4				FREEZE PROOF TYPE WITH COVER
HB	HOSE BIBB	CHICAGO	#952	3/4				WITH VACUUM BREAKER
RPBP	BACK FLOW PREVENTER	WATTS	SERIES 909–S					DOMESTIC WATER SERVICE
RD	ROOF DRAIN	J.R. SMITH JOSAM WADE ZURN	1015 21500 3000AE Z–100					CAST IRON DRAIN W/ CAST DOME
OD	OVERFLOW DRAIN							SAME AS RD EXCEPT WITH 2" HIGH DAM
——	WASHER BOX	GUY GRAY	BB200–TS	1/2	1/2	2	1 1/2	WASHER BOX W/ VALVES & 2" DRAIN
——	HAND HELD PORTABLE SHWR							PURCHASE ONE PER PROJECT FOR HOUSEKEEPING USE

NOTES:
1. SUBMIT ALL FIXTURES TO MARRIOTT, ARCHITECT & OWNER FOR APPROVAL PRIOR TO PURCHASING.
2. ALL SUPPLIES FOR LAVATORIES AND WATER CLOSETS SHALL BE 3/8"x1/2" ANGLE W/ STOPS. SUPPLIES FOR
3. ALL TRAPS SHALL BE 17 GAUGE C.P.B. WITHOUT CLEANOUT.
4. PROVIDE TRAP PRIMERS ON ALL FLOOR DRAINS EXCEPT SHOWER DRAINS.

PUBLIC SPACES - PLUMBING FIXTURES SCHEDULE

SEE ARCHITECTURAL PLANS FOR EXACT HEIGHT AND LOCATION OF ALL FIXTURES

LOCATION	FIXTURE	MANUF./MODEL	TRIM	W	V	HW	CW	DESCRIPTION
P–1	WATER CLOSET	KOHLER.....K–4330	ZURN..... Z6000PL–HET	4"	2"	–	1"	VITREOUS CHINA, WALL MOUNTED, 1.6 GPF BATTERY OPERATED FLUSH VALVE, WHITE OPEN FRONT SEAT. SEAT – CHURCH 9500C CARRIER – WADE 520 SERIES
P–1A	WATER CLOSET	KOHLER.....K–4330	ZURN..... Z6000PL–HET	4"	2"	–	1"	ADA, VITREOUS CHINA, WALL MOUNTED, 17" HIGH, 1.6 GPF BATTERY OPERATED FLUSH VALVE, WHITE OPEN FRONT SEAT. SEAT – CHURCH 9500C CARRIER – WADE 520 SERIES
P–2	LAVATORY	KOHLER–SOHO–K–2054–1	ZURN..... Z6915	2"	2"	1/2"	1/2"	VITREOUS CHINA, WALL HUNG W/ BATTERY OPERATED FAUCET GRID STRAINER – MCGUIRE 155A 3/8" SUPPLIES – MCGUIRE 167LK WITH STOPS P–TRAP – MCGUIRE 8872 WITH SET SCREW ESCUTCHEON CARRIER – WADE W–520 OR PROVIDE WALL PLATE AS REQUIRED. INSULATION KIT – TRUEBRO #102W
P–2A	LAVATORY	KOHLER–SOHO–K–2054–1	ZURN..... Z6915	2"	2"	1/2"	1/2"	ADA, VITREOUS CHINA, WALL HUNG W/ BATTERY OPERATED FAUCET GRID STRAINER – MCGUIRE 155A 3/8" SUPPLIES – MCGUIRE 167LK WITH STOPS P–TRAP – MCGUIRE 8872 WITH SET SCREW ESCUTCHEON CARRIER – WADE W–520 OR PROVIDE WALL PLATE AS REQUIRED. INSULATION KIT – TRUEBRO #102W
P–2B	LAVATORY	KOHLER–CAXTON–K–2210	ZURN..... Z6915	2"	2"	1/2"	1/2"	VITREOUS CHINA, COUNTERTOP W/ BATTERY OPERATED FAUCET GRID STRAINER – MCGUIRE 155A 3/8" SUPPLIES – MCGUIRE 167LK WITH STOPS P–TRAP – MCGUIRE 8872 WITH SET SCREW ESCUTCHEON CARRIER – WADE W–520 OR PROVIDE WALL PLATE AS REQUIRED. INSULATION KIT – TRUEBRO #102W
P–3	URINAL	TOTO.....UT104E(V)	ZURN..... ZER6003–CP	2"	2"	–	3/4"	WALL HUNG, WITH BACK SPUD INLET, STAINLSS STEEL DRAIN COVER AND .5 GPF LOW CONSUMPTION BATTERY OPERATED FLUSH VALVE. CARRIER – WADE W400–AM11
P–3A	ADA URINAL	TOTO.....UT104E(V)	ZURN..... ZER6003–CP	2"	2"	–	3/4"	ADA, WALL HUNG, WITH BACK SPUD INLET, STAINLSS STEEL DRAIN COVER AND .5 GPF LOW CONSUMPTION BATTERY OPERATED FLUSH VALVE. CARRIER – WADE W400–AM11
P–4	BI–LEVEL DRINKING FOUNTAIN	ELKAY..... ERFPM8K HALSEY TAYLOR....HRFER–Q HAWS.....H1109.8 OASIS.....M8SBPM		2"	2"	–	1/2"	ADA, WALL HUNG, BARRIER FREE, BI–LEVEL 8 GPH, FRONT AND SIDE PUSH PADS, BUBBLE WITH FLEXIBLE GUARD, STAINLESS STEEL FINISH. MOUNT ONE UNIT AT ADA HEIGHT. 1 1/4" P–TRAP – MCGUIRE 8872, 17 GA., 3/8" SUPPLIES – MCGUIRE 165LK CARRIER – PROVIDE ANCHOR BOLTS IN WALL AND ATTACH TO WALL PLATE
P–5	TWO–COMP. SINK (EMPLOYEE BREAKROOM)	ELKAY....LRAD2521X5 1/2"	MOEN.....7425 AMER.STAN....4175.500.002 DELTA..... 84410LF KOHLER..... K–15172–XF–CP	2"	2"	1/2"	1/2"	ADA, STAINLESS STEEL, COUNTERTOP, ONE COMPARTMENT SINK, 22x33, 7 1/2" DEEP BOWL WITH KITCHEN FAUCET AND HOSE SPRAY 1 1/2" P–TRAP – MCGUIRE 8921 1/2" SUPPLIES – MCGUIRE 158LK W/ STOP STRAINER: AMER.STAN..... 4331.013.002 DELTA.....72010 KOHLER.....K–8801–CP
P–6	MOP SINK	FIAT.....MSBID2424–100 MUSTEE.....62M	MOEN.....8230 AMER.STAN.....8344.112.002 DELTA.....28T9 FIAT.....830–AA–000	3"	2"	1/2"	1/2"	MOP BASIN W/ FIAT HOSE & HOSE BRACKET #832–AA; MOP HANGER #889–CC: BUMPERGUARD PLATE # E–77–AA
P–7	SHOWER TRIM	SYMMONS – 4701–X–2–P/N4000–BODY		3"	2"	1/2"	1/2"	SHOWER SYSTEM WITH TEMPTROL PRESSURE BALANCING/MIXING VALVE. VALVE INCLUDE INTEGRAL STOPS.
P–7A	ADA SHOWER TRIM	SYMMONS – 4705–X–2–P/N4000–BODY–P/N458E–BODY.		3"	2"	1/2"	1/2"	ADA, SHOWER SYSTEM WITH TEMPTROL PRESSURE BALANCING/MIXING VALVE, DUAL OUTLET DIVERTER. VALVE INCLUDE INTEGRAL STOPS.

NOTES:
1. PROVIDE TRUEBRO HANDI–LAV GUARD INSULATION KIT FOR DRAIN LINE, TRAP & SUPPLIES ON ALL LAVATORIES FOR HANDICAP USE.
2. PROVIDE .5 GPM MAX. FOR LAVATORIES.
3. ALL SUPPLIES SHALL BE CHROME PLATED BRASS, LOOSE KEY TYPE. PLASTIC SUPPLIES ARE NOT ACCEPTABLE.
4. CHROME PLATED BRASS NIPPLES SHALL BE USED FOR CONNECTION OF ALL SUPPLIES. ALL EXPOSED PIPING SHALL BE CHROME PLATED.
5. PROVIDE ALL BOLT CAPS, STRAINERS, TRAPS, SUPPLIES, ETC. NECESSARY FOR A COMPLETE INSTALLATION.
6. SUPPLIES FOR WATER CLOSETS SHALL BE 10" A.F.F. TO AVOID TILE BASE.
7. ALL VITREOUS CHINA FIXTURES SHALL BE WHITE.
8. G.C. TO PROVIDE FINAL PLUMBING FIXTURE CUT SHEETS TO ARCHITECT & OWNER FOR APPROVAL.
9. ALL FAUCETS, DRAINS, TRIM, ETC. SHALL HAVE POLISHED CHROME FINISH. NO EXCEPTIONS.
10. COORDINATE ALL FIXTURES PRIOR TO ORDERING.

GUESTROOMS - PLUMBING FIXTURES SCHEDULE

FOR REERENCE AND CONNECTIONS. ALL GUESTROOM FIXTURES ARE BY STONHILL AND TAYLOR

LOCATION	FIXTURE	STONEHILL	W	V	HW	CW
WC	WATER CLOSET	TAG – P–9	3"	2"	–	1/2"
WC–H	ADA WATER CLOSET	TAG – P–9	3"	2"	–	1/2"
LAV	LAVATORY	TAG – P–1	2"	2"	1/2"	1/2"
LAV–H	ADA LAVATORY	TAG – P–2	2"	2"	1/2"	1/2"
SINK	SINK	TAG – P–15	2"	2"	1/2"	1/2"
SH	SHOWER	TAG – P–10, P–11	2"	2"	1/2"	1/2"
SH–H	ADA SHOWER	TAG – P–3, P–4 & P–6	2"	2"	1/2"	1/2"
TUB	TUB	TAG – P–16, P–08	2"	2"	1/2"	1/2"

NOTES:

1. SEE STONEHILL AND TAYLOR PLUMBING FIXTURE SCHEDULE FOR ALL GUESTROOMS FIXTURES SPECIFICATIONS.
2. SUBMIT ALL FIXTURES TO MARRIOTT, ARCHITECT & OWNER FOR APPROVAL PRIOR TO PURCHASING.
3. ALL SUPPLIES FOR LAVATORIES AND WATER CLOSETS SHALL BE 3/8"x1/2" ANGLE W/ STOPS PROVIDED BY PLUMBING CONTRACTOR.
4. ALL SUPPLIES FOR SINK SHALL BE 1/2" ANGLE WITH STOPS, PLASTIC SUPPLIES ARE NOT ACCEPTABLE.
5. ALL TRAPS SHALL BE 17 GAUGE C.P.B. WITHOUT CLEANOUT PROVIDED BY PLUMBING CONTRACTOR.
6. PROVIDE TRANSFORMERS FOR SENSOR OPERATED FAUCETS WHERE INDICATED AS REQUIRED.

1 | TYPICAL UNITS - WATER RISER
SCALE: 1/2"=1'-0"

2 | TYPICAL UNITS - WATER RISER DIAGRAM
SCALE: NONE

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 01/22/14

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Revisions:

1	13_10-14	Issue for Bid & Marriott Revw
2	13_10-21	Addendum #2
3	13_10-31	Addendum #3

Scale: NONE
Date: 13 October 2013

PLUMBING NOTES AND SCHEDULES

P9.00