



| PLUMBING FIXTURE SCHEDULE |      |       |      |          |        |       |        |       |  |
|---------------------------|------|-------|------|----------|--------|-------|--------|-------|--|
| MARK                      | DCW  | DHW   |      | SANITARY |        | VENT  |        |       |  |
| DF 1                      | 0"   | 0 mm  | 0"   | 0 mm     | 0"     | 0 mm  | 1 1/4" | 32 mm |  |
| FD 1                      | 0"   | 0 mm  | 0"   | 0 mm     | 3"     | 76 mm | 1 1/2" | 38 mm |  |
| FD 2                      | 0"   | 0 mm  | 0"   | 0 mm     | 3"     | 76 mm | 1 1/2" | 38 mm |  |
| FD 3                      | 0"   | 0 mm  | 0"   | 0 mm     | 3"     | 76 mm | 1 1/2" | 38 mm |  |
| HB 1                      | 0"   | 0 mm  | 2"   | 51 mm    | 0"     | 0 mm  | 1 1/4" | 32 mm |  |
| LAV 1                     | 1/2" | 13 mm | 1/2" | 13 mm    | 1 1/4" | 32 mm | 1 1/4" | 32 mm |  |
| LAV 2                     | 1/2" | 13 mm | 1/2" | 13 mm    | 1 1/4" | 32 mm | 1 1/4" | 32 mm |  |
| LAV 3                     | 1/2" | 13 mm | 1/2" | 13 mm    | 1 1/4" | 32 mm | 1 1/4" | 32 mm |  |
| SH 1                      | 1/2" | 13 mm | 1/2" | 13 mm    | 2"     | 51 mm | 1 1/4" | 32 mm |  |
| UR 1                      | 3/4" | 19 mm | 0"   | 0 mm     | 2"     | 50 mm | 1 1/4" | 32 mm |  |
| WC 1                      | 1"   | 25 mm | 0"   | 0 mm     | 3"     | 76 mm | 1 1/2" | 38 mm |  |
| WC 2                      | 1"   | 25 mm | 0"   | 0 mm     | 3"     | 76 mm | 1 1/2" | 38 mm |  |

\* FOLLOW PIPE SIZES GIVEN IN ABOVE CHART UNLESS DRAWING SHOWS DIFFERENTLY.

**KEY NOTES**

- 1 NEW FIXTURES TO TIE INTO EXISTING PIPING AT EXISTING LOCATIONS.
- 2 NEW PLUMBING FIXTURES TO CONNECT TO EXISTING PIPING WITHIN CEILING SPACE. MODIFY/EXTEND EXISTING PIPING TO ACCOMMODATE.
- 3 PROVIDE DOMESTIC SUPPLY AND DRAIN CONNECTIONS TO NEW FIXTURES FROM NEAREST MAINS IN BASEMENT BELOW.
- 4 DRAIN PIPING FOR FLC SUMP. SUPPORT OFF EXTERIOR WALL. PROVIDE HEAT TRACE IN OUTDOOR PORTION OF DRAIN PIPING. COORDINATE ROUTING WITH ARCHITECTURAL.
- 5 FLC DRAIN PIPE TO ENTER BUILDING 6" ABOVE GRADE. COORDINATE OPENING WITHIN EXTERIOR WALL WITH ARCHITECTURAL.
- 6 OFFSET DRAIN THROUGH BLOCK WALL ABOVE FLOOR AT 45 DEGREES.
- 7 DRAIN PIPE TO DROP BELOW SLAB BENEATH FITNESS MEZZANINE STAIRS. COORDINATE SLAB BREAKUP WITH ARCHITECTURAL.
- 8 DRAIN PIPING TO RUN BELOW SLAB. PROVIDE RUNNING TRAP WITH CLEANOUTS FLUSH WITH NEW SLAB.
- 9 DRAIN PIPE TO DROP ON ARENA SIDE OF WALL WITHIN PLUMBING WALL TO UNDERNEATH REF ROOM SLAB. COORDINATE PLUMBING WALL AND SLAB BREAKUP WITH ARCHITECTURAL.
- 10 DRAIN PIPE TO ROUTE UNDERSLAB AND TRENCHED BENEATH BLEACHERS TO TIE INTO EXISTING MAIN WITH ARENA CRAWLSPACE. COORDINATE SLAB BREAKUP AND EXCAVATION WITH ARCHITECTURAL.
- 11 EXTEND EXISTING PIPING SERVING FITNESS DRINKING FOUNTAIN ABOVE NEW FLOOR. MODIFY/EXTEND AS REQUIRED.
- 12 EXISTING FIXTURES TO MAIN.
- 13 DOMESTIC HOT WATER AND RECIRC DOWN TO BASEMENT WITHIN CHASE. OFFSET AS REQUIRED TO AVOID OTHER PIPING AND COMPONENTS.
- 14 NEW 2" ZAMBONI DOMESTIC HOT SUPPLY FROM BELOW WITHIN CHASE UP TO ABOVE. OFFSET AT MAIN FLOOR AND RISE UP TO HIGH LEVEL WITHIN ARENA.
- 15 CONNECT NEW RECIRC LINE INTO NEW ZAMBONI DOMESTIC HOT WATER PIPING AT HIGH LEVEL.
- 16 NEW 2" HOT WATER PIPING DOWN FROM ABOVE TO SERVE ZAMBONI FILL.
- 17 DF-1 COLD WATER CONNECTION TO COLD WATER RISER IN SHAFT
- 18 DF-1 SANITARY CONNECTION TO SANITARY RISER IN SHAFT
- 19 FLUID COOLER BASIN FILL LINE.
- 20 SEASONAL SHUT-OFF VALVE CONTROLLED BY DDC.
- 21 ROUTE FILL PIPING DOWN AND THROUGH WALL INTO BUILDING AT HIGH LEVEL WITHIN WASHROOM.
- 22 EXISTING DOMESTIC PIPING UP WITHIN CHASE.
- 23 NEW ARENA RECIRCULATION PIPING UP FROM BELOW WITHIN CHASE. OFFSET AT MAIN FLOOR AND RISE UP TO HIGH LEVEL WITHIN ARENA.
- 24 NEW ZAMBONI HOT WATER AND RECIRC PIPING DOWN FROM ABOVE. EXISTING DOMESTIC HOT AND COLD WATER SERVING ZAMBONI ROOM TO REMAIN.
- 25 DRAIN VALVE CONTROLLED BY DDC.
- 26 CONDENSATE DRAIN FOR FAN COIL TO OFFSET WITHIN CEILING SPACE. ROUTE DOWN CHASE AND CONNECT TO SANITARY BELOW.
- 27 CONDENSATE DRAIN FOR FAN COIL. ROUTE DOWN WALL AND CONNECT TO SANITARY BELOW.
- 28 FAN COIL CONDENSATE TO OFFSET WITHIN CEILING SPACE AND ROUTE DOWN TO EXISTING MOP SINK.
- 29 VENT LAVATORY DRAINS WITHIN WING WALLS. ROUTE ALL VENTING TO COMPLY WITH CODE REQUIREMENTS.
- 30 ROUTE PLUMBING AS HIGH AS POSSIBLE WITHIN MAIN FLOOR CEILING TIGHT TO UNDERSIDE OF STRUCTURE.
- 31 OFFSET NEW RAIN WATER LEADER TO TIE INTO EXISTING RWL.
- 32 RELOCATED SANITARY STACK. ROUTE UP TO ABOVE WITHIN NEW SHAFT.
- 33 DOWN FROM ROOF DRAIN ABOVE.
- 34 EXISTING SERVICE SINK AND FLOOR DRAIN TO REMAIN.

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**PUBLICCITY**  
 Public City Architecture Inc  
 11-600 Clifton Street  
 Winnipeg, Manitoba  
 R3G 2X6 204 475 9323  
 publiccityarchitecture.com

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LEVEL 1 - PLUMBING RENOVATION 1  
 3/32" = 1'-0" MP2.4

Project  
 ST. JAMES CIVIC CENTRE

Drawing  
 LEVEL 1 RENOVATION - PLUMBING PLAN

Drawn By: DK  
 Review By: JS  
 Scale: 3/32" = 1'-0"  
 Tender No: 1176-2019  
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