



LEGEND

FD-1	FLOOR DRAIN
LD-1	LINEAR DRAIN
SH-1	SHOWER - REGULAR
SH-2	SHOWER - BARRIER FREE
L-1	LAVATORY SINK - BARRIER FREE
L-2	LAVATORY SINK - STANDARD
JS-1	JANITOR SINK - FLOOR TYPE
KS-1	KITCHEN SINK
TP-1	TRAP PRIMER STATION
HS-1	HYDRATION STATION
WC-1	WATER CLOSET
U-1	URINAL - STANDARD
U-2	URINAL - BARRIER FREE
CO-1	END OF PIPE CLEANOUT
CO-2	CLEANOUT IN WALL
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RE-CIRC.
WHA	WATER HAMMER ARRESTOR
⊘	ISOLATION VALVE
⊘	DHWR BALANCING VALVE
L-1	CHECK VALVE



1	BOTTLE FILLING STATIONS	JAN.8.2020
0	ISSUED FOR TENDER	NOV.08.2019
revisions		date

project **REHABILITATION POOL BATH HOUSE FUNDY NATIONAL PARK ALMA, NB ALBERT COUNTY** project

designed **AJB** conçu
 date
 drawn **AJB** dessiné
 date **NOV.08./2019**
 approved **CTG** approuvé
 date
 Tender **Soumission**
 PWGSC Project Manager **Administrateur de projets TP/SC**
 project number **R.087633.001** no. du projet
 drawing no. **M-3** no. du dessin

PLUMBING KEY NOTES

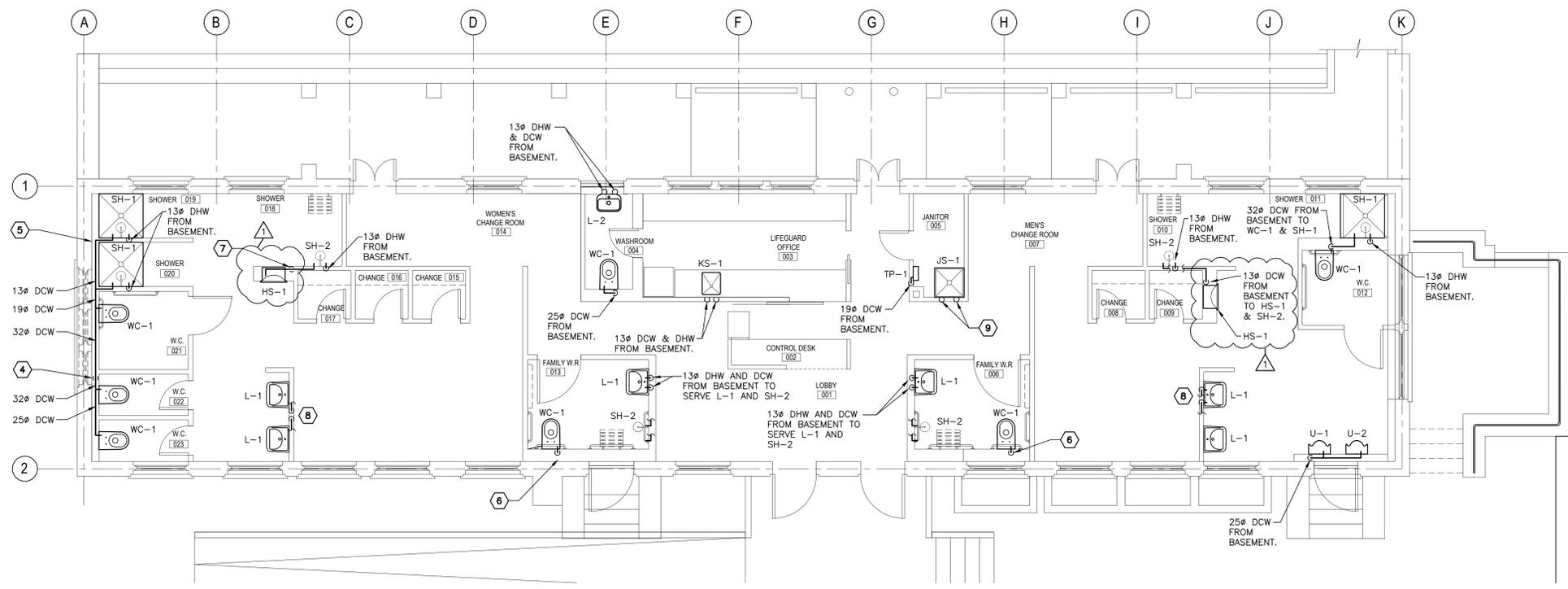
- EXISTING 50mm DCW ENTRANCE TO REMAIN. CONNECT NEW WATER PIPING TO EXISTING IN BASEMENT.
- EXISTING 32ø COPPER BRANCH PIPE SERVING POOL EQUIPMENT TO REMAIN. INSTALL 25mm THERMAL INSULATION AND VAPOR BARRIER ON EXISTING PIPE TO PREVENT CONDENSATION FROM DRIPPING ONTO ELECTRONICS BELOW PIPE.
- ALL EXISTING HOT AND COLD WATER ASSOCIATED WITH EXISTING BOILERS, SET TUB, EYE WASH STATION, AND MIXING VALVE IS TO REMAIN AS IS. CONNECT EXISTING PIPING SERVING THESE FIXTURES TO NEW HOT AND COLD WATER MAINS AT CEILING.
- 38ø DCW FROM BASEMENT. ROUTE IN WALL TO SERVE TOILETS AND SHOWERS.
- 13ø DHW FROM BASEMENT. ROUTE IN WALL TO SERVE SHOWERS.
- 25ø DCW FROM BASEMENT. ROUTE IN WALL TO SERVE WC-1.
- 13ø DCW FROM BASEMENT. ROUTE IN WALL TO SERVE DRINKING FOUNTAIN AND SHOWER.
- 13ø DCW & DHW FROM BASEMENT. ROUTE IN WALL TO BOTH SINKS.
- 13ø DCW & DHW FROM BASEMENT SERVING JANITOR SINK TO BE C/W TESTABLE PRESSURE VACUUM BREAKERS.
- INSTALL TRAP PRIMER STATION IN JANITOR ROOM. ROUTE TRAP PRIMER PIPING TO FLOOR DRAIN TRAPS IN BASEMENT. ALLOW FOR SLOPES AND DISCONNECTS AS REQUIRED TO FULLY DRAIN TRAP PRIMER PIPING FOR ANNUAL WINTERIZATION.

PLUMBING GENERAL NOTES

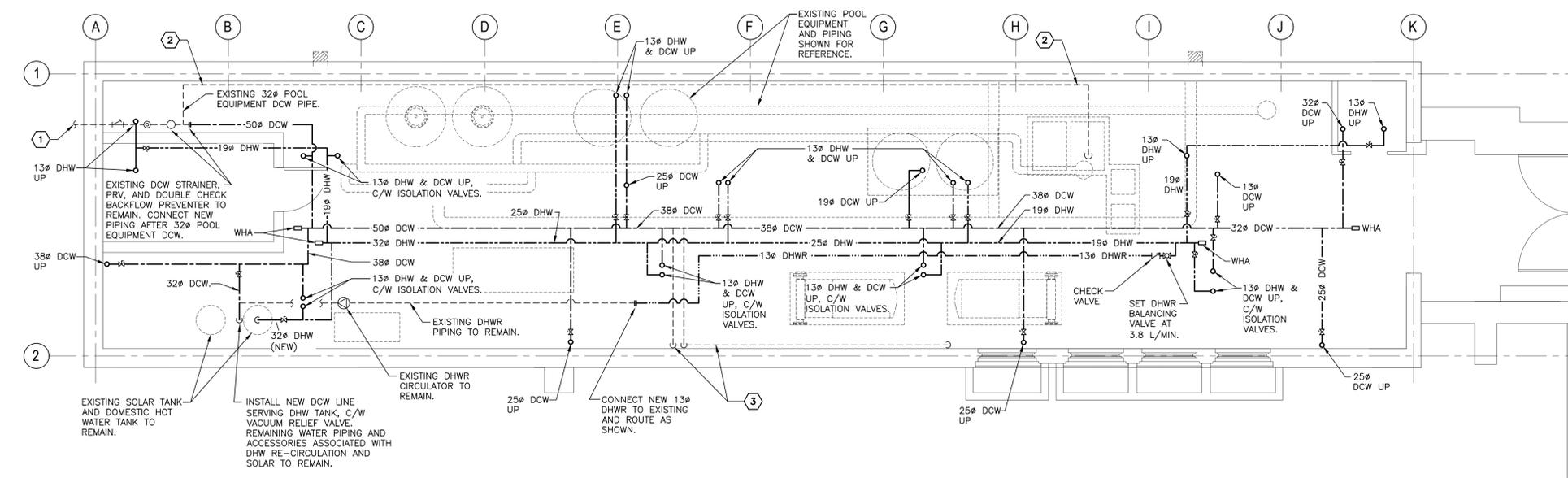
- PLUMBING CONTRACTOR TO THOROUGHLY REVIEW EXISTING CONDITIONS ON SITE PRIOR TO SUBMITTING BID. EXISTING POOL EQUIPMENT IN BASEMENT IS TO REMAIN AS IS, THEREFORE, NEW WORK WILL BE IMPLEMENTED AROUND EXISTING POOL PIPING AND EQUIPMENT.
- ALL HOT AND COLD WATER PIPING TO BE SLIGHTLY SLOPED TO ALLOW SEASONAL DRAINING INTO BASEMENT. IN BASEMENT, PROVIDE DRIP LEGS WITH DRAIN VALVES, AND DRAIN VALVES AT LOW POINTS, SUCH THAT ALL SYSTEMS MAY BE FULLY DRAINED.
- ALL DOMESTIC HOT AND RE-CIRCULATION PIPING TO BE C/W 25mm THERMAL INSULATION.
- ALL PLUMBING FIXTURES ARE TO BE C/W HOT AND COLD WATER ISOLATION VALVES. INSTALL 1/4 TURN ISOLATION BALL VALVES IN FIXTURE SUPPLY LINES IN CABINETS, OR BELOW FIXTURE WHERE POSSIBLE. IF SPACE DOES NOT PERMIT UNDER FIXTURE, INSTALL ISOLATION VALVES IN SUPPLY PIPING IN BASEMENT.
- ALL PLUMBING FIXTURES WITH DHW CONNECTION (WITH THE EXCEPTION OF L-2, KS-1 AND JS-1) ARE TO BE C/W TEMPERATURE MIXING VALVE. INSTALL MIXING VALVES IN BASEMENT NEAR FIXTURE. WHERE DHW PIPE UP THROUGH FLOOR SERVES MULTIPLE FIXTURES, INSTALL MULTI-FIXTURE MIXING VALVE.
- ALL FLOOR PENETRATIONS TO BE FIRESTOPPED AS REQUIRED BY RATED FLOOR ASSEMBLY. REFER TO ARCHITECTURAL.

PLUMBING DEMOLITION NOTES

- ALL EXISTING HOT AND COLD WATER PIPING ON BOTH LEVELS ASSOCIATED WITH MAIN LEVEL PLUMBING FIXTURES IS TO BE REMOVED, UNLESS NOTED OTHERWISE.
- RETAIN EXISTING DCW CHECK VALVE, STRAINER, AND PRV IN BASEMENT. CUT AND CAP EXISTING 50ø DCW ENTRANCE ON THE DOWNSTREAM SIDE OF THE EXISTING 32ø POOL EQUIPMENT PIPE TAKE-OFF.
- ALL PIPING ASSOCIATED WITH SOLAR HOT WATER PANEL, INCLUDING CIRCULATION PUMP AND DHW TANK TO REMAIN AS IS. ELECTRICAL AND CONTROLS ASSOCIATED WITH SOLAR TANK TO REMAIN.
- DOMESTIC HOT WATER TANK FOR BUILDING IS TO REMAIN AS IS, INCLUDING CIRCULATION PUMP, EXPANSION TANK, AND ASSOCIATED PIPING. ELECTRICAL ASSOCIATED WITH DHW TANK AND CIRCULATION PUMP TO REMAIN.
- ALL OPENINGS IN FLOOR RESULTING FROM REMOVED PIPING ARE TO BE REPAIRED AND SEALED TO MEET STANDARD OF NEW RATED FLOOR ASSEMBLY.



1 WATER PIPING - MAIN LEVEL
 M3 M3 SCALE: 1:50



2 WATER PIPING - BASEMENT LEVEL
 M3 M3 SCALE: 1:50