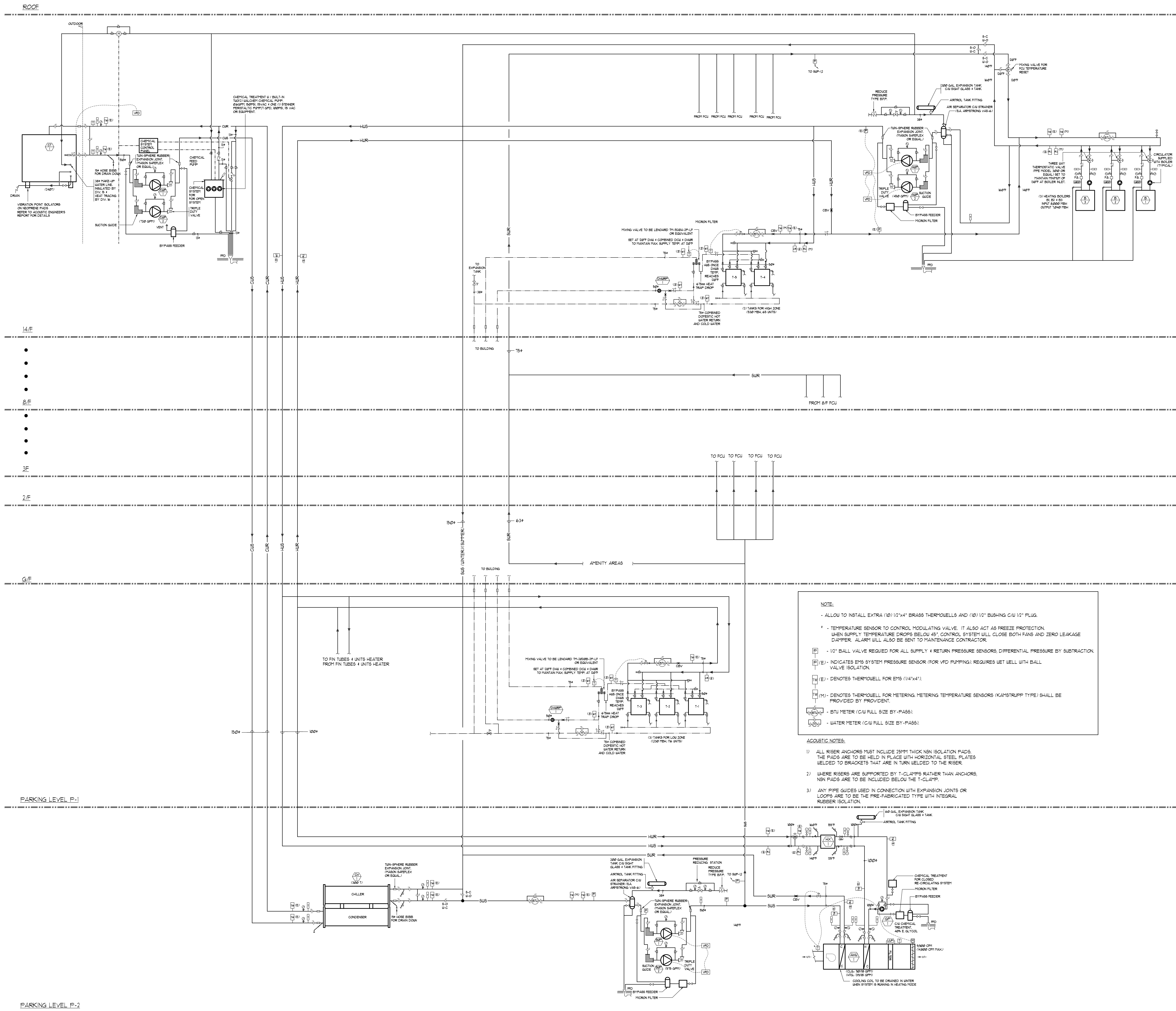




NOTE:

- ALLOW TO INSTALL EXTRA (10) 1/2"x4" BRASS THERMOUELLS AND (10) 1/2" BUSHING C/U 1/2" PLUG.
- TEMPERATURE SENSOR TO CONTROL MODULATING VALVE. IT ALSO ACT AS FREEZE PROTECTION. WHEN SUPPLY TEMPERATURE DROPS BELOW 45° CONTROL SYSTEM WILL CLOSE BOTH FANS AND ZERO LEAKAGE DAMPER. ALARM WILL ALSO BE SENT TO MAINTENANCE CONTRACTOR.
- 1/2" BALL VALVE REQUIRED FOR ALL SUPPLY & RETURN PRESSURE SENSORS. DIFFERENTIAL PRESSURE BY SUBTRACTION.
- (E) - INDICATES EPS SYSTEM PRESSURE SENSOR (FOR VFD PUMPING). REQUIRED UET WELL WITH BALL VALVE ISOLATION.
- (E) - DENOTES THERMOUELL FOR EPS (1/4"x4").
- (M) - DENOTES THERMOUELL FOR METERING. METERING TEMPERATURE SENSORS (KAMSTRUPF TYPE) SHALL BE PROVIDED BY PROVIDENT.
- BTU METER (C/U FULL SIZE BY-PASS).
- WATER METER (C/U FULL SIZE BY-PASS).

ACOUSTIC NOTES:

- 1) ALL RISER ANCHORS MUST INCLUDE 28MM THICK NON ISOLATION PADS. THE PADS ARE TO BE HELD IN PLACE WITH HORIZONTAL STEEL PLATES WELDED TO BRACKETS THAT ARE IN TURN WELDED TO THE RISER.
- 2) WHERE RISERS ARE SUPPORTED BY T-COLUMNS RATHER THAN ANCHORS, NON PADS ARE TO BE INCLUDED BELOW THE T-COLUMN.
- 3) ANY PIPE GUIDES USED IN CONNECTION WITH EXPANSION JOINTS OR LOOPS ARE TO BE THE PRE-FABRICATED TYPE WITH INTEGRAL RUBBER ISOLATION.

LEGEND
MECHANICAL

SYMBOL	DESCRIPTION
[Symbol]	SUPPLY AIR DIFFUSER
[Symbol]	SUPPLY AIR TROFFER
[Symbol]	LINEAR SUPPLY DIFFUSER
[Symbol]	THERMOSTAT
[Symbol]	FAN MOTOR
[Symbol]	RETURN AIR GRILLE
[Symbol]	EXHAUST AIR GRILLE
[Symbol]	SUPPLY DUCT UP
[Symbol]	RETURN DUCT UP
[Symbol]	RETURN DUCT DOWN
[Symbol]	EXHAUST DUCT UP
[Symbol]	EXHAUST DUCT DOWN
[Symbol]	FIRE DAMPER
[Symbol]	BALANCING DAMPER
[Symbol]	MOTORIZED DAMPER
[Symbol]	MOTORIZED FIRE DAMPER
[Symbol]	BACKDRIFT DAMPER
[Symbol]	OPPOSED BLADE VOLUME CONTROL DAMPER
[Symbol]	CALL LOCKING CHECKOUT
[Symbol]	TUNING VANES
[Symbol]	FLEXIBLE CONNECTION
[Symbol]	ACOUSTIC INSULATION
[Symbol]	TYPE OF EQUIPMENT
[Symbol]	EQUIPMENT IDENTIFICATION
[Symbol]	TYPE OF DIFFUSER OR GRILLE
[Symbol]	GRILLE SIZE OR DIFFUSER BOX SIZE
[Symbol]	AREA/CM OR L/S
[Symbol]	STARTER / 3 PHASE / PHASE
[Symbol]	N-SITE ERY MASTER SWITCH
[Symbol]	FAN SWITCH / N-SITE ERY OVERRIDE BUTTON
[Symbol]	CO SENSOR
[Symbol]	GAS LINE
[Symbol]	GAS METER
[Symbol]	GAS COCK
[Symbol]	PRESSURE REDUCING VALVE
[Symbol]	SANITARY ABOVE GRADE
[Symbol]	SANITARY BELOW GRADE
[Symbol]	STORM ABOVE GRADE
[Symbol]	STORM BELOW GRADE
[Symbol]	DOMESTIC COLD WATER
[Symbol]	DOMESTIC HOT WATER
[Symbol]	DOMESTIC HOT WATER RECIRCULATION
[Symbol]	SANITARY VENT
[Symbol]	WATER METER
[Symbol]	FLOOR DRAIN
[Symbol]	RUNNEL FLOOR DRAIN
[Symbol]	W-B DRAIN
[Symbol]	ROOF DRAIN
[Symbol]	SLAB DRAIN
[Symbol]	AREA DRAIN
[Symbol]	BL-LEVEL AREA DRAIN
[Symbol]	CATCH BASIN
[Symbol]	SANITARY TRAMP
[Symbol]	ELBOW UP
[Symbol]	ELBOW DOWN
[Symbol]	WALL CLEANOUT
[Symbol]	FLOOR CLEANOUT
[Symbol]	HOSE BIBB
[Symbol]	NON-FREEZE HOME BIBB
[Symbol]	SH-ROSE VALVE
[Symbol]	GATE VALVE
[Symbol]	BALL VALVE
[Symbol]	BUTTERFLY VALVE
[Symbol]	PRESSURE REDUCING VALVE
[Symbol]	CHECK VALVE
[Symbol]	CAP
[Symbol]	COPRESSURED AIR OUTLET
[Symbol]	BACKFLOW PREVENTER
[Symbol]	CIRCUIT BALANCING VALVE
[Symbol]	MULTIPLE PIPES
[Symbol]	/ - DENOTES NO. OF PIPES
[Symbol]	TEMPERATURE SENSOR
[Symbol]	THERMISTOR
[Symbol]	2-WAY MODULATING VALVE
[Symbol]	3-WAY MODULATING VALVE
[Symbol]	1/2" (4"X10") THERMOUELL
[Symbol]	C/U 1/2" BUSHING 4 1/2" PLUG
[Symbol]	FLOOR ELEVATION ABOVE LEVEL
[Symbol]	FLOOR ELEVATION THIS LEVEL
[Symbol]	HEADROOM FLOOR TO US HEIGHT

REVISIONS

NO.	DATE	DESCRIPTION
1	2014-09-23	ISSUED FOR PERMIT
2	2014-09-23	RE-ISSUED FOR PERMIT
3	2014-09-23	ISSUED FOR PERMIT

DATE: 2014-09-23

MARK: VDD ALL PRINTS DATED PREVIOUS TO FINAL DATE ABOVE

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DRAWING TITLE
SCHEMATICS

PROJECT TITLE
60 ALEXANDRA PARK
BLOCK II
38 CAMERON STREET
TORONTO

DESIGNED BY: G.S.
CHECKED BY: E.P.
DATE: FEB 13 2013

SCALE: N.T.S.
DRAWING NUMBER: M-39
OF 43