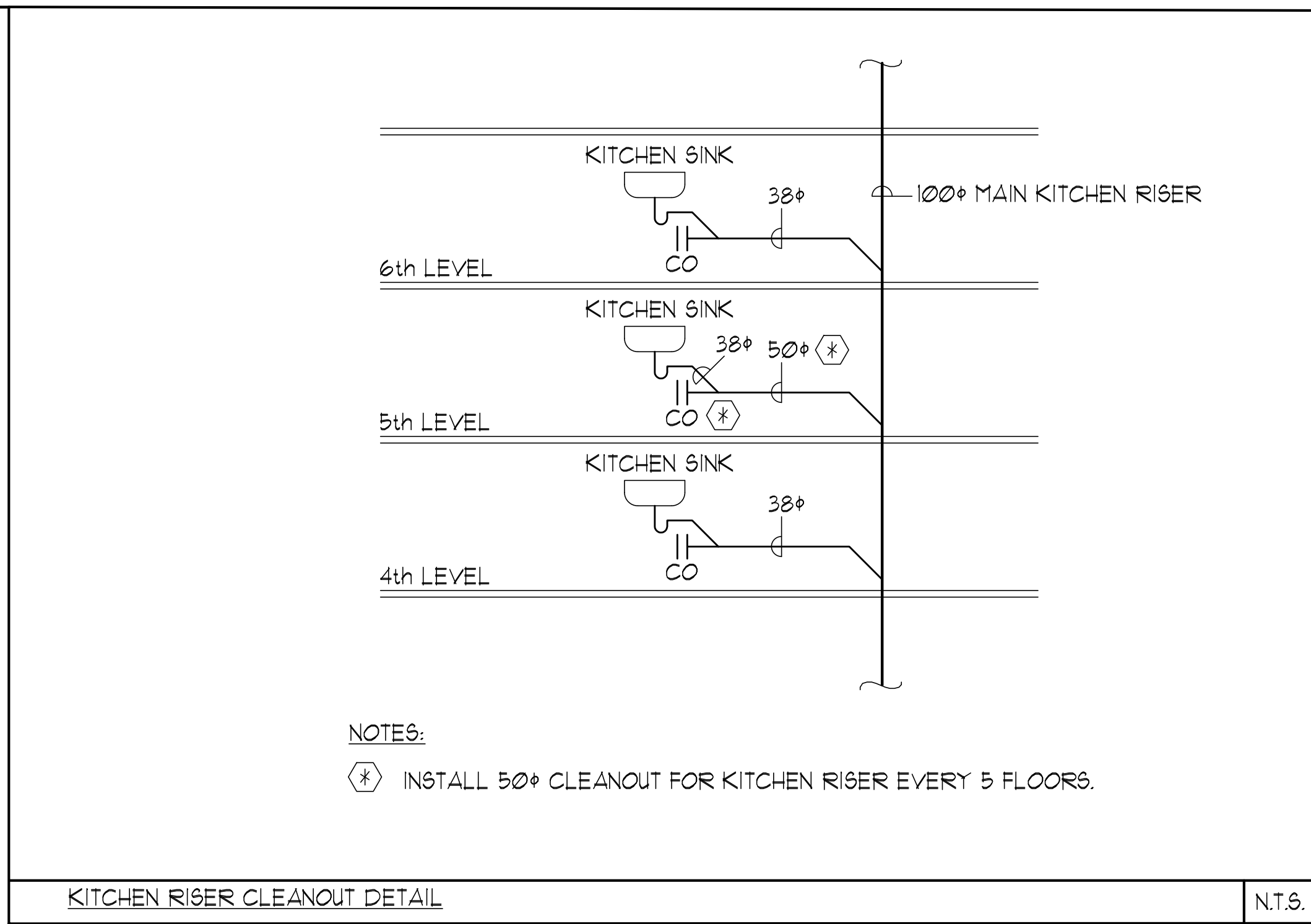




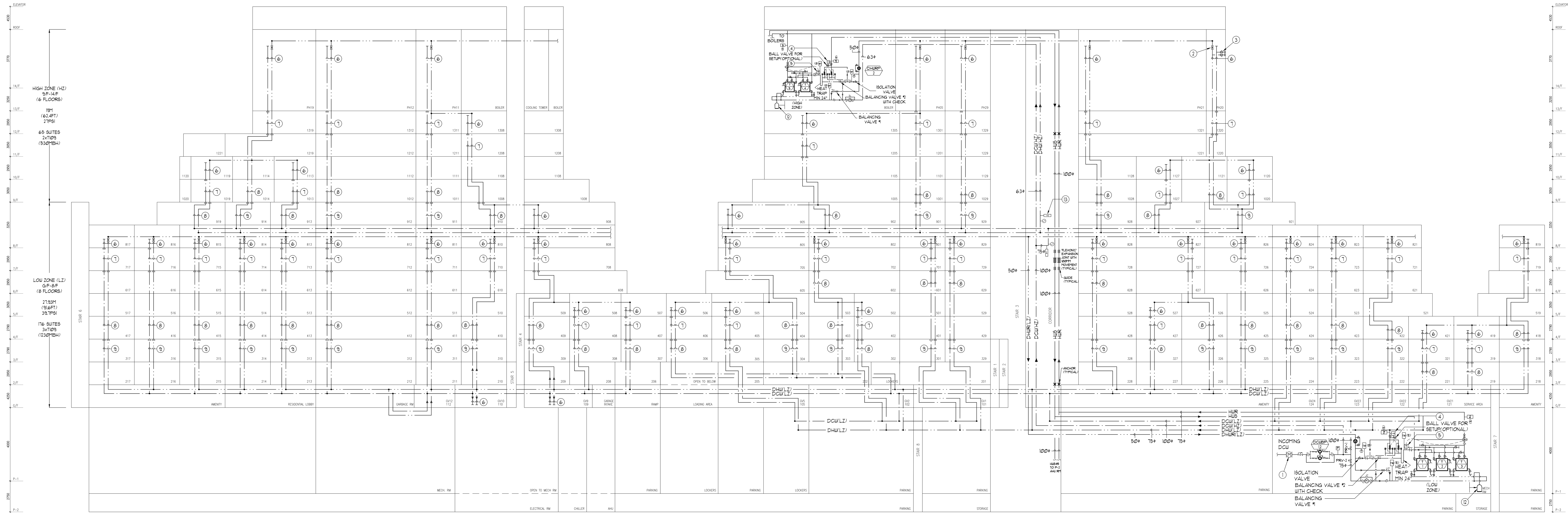
FRY SCHEDULE					
FRY #	DUTY	FLOW RATE (GPM)	INLET PRESSURE (PSI)	OUTLET PRESSURE (PSI)	REMARKS
1	LOW ZONE DCW	235	120	86	CLA-VAL MODEL 30G-0145KC 75' OR EQUAL.
2	LOW ZONE DHW	10	120	102	CLA-VAL MODEL 30G-0145KC 50' OR EQUAL.

GENERAL NOTES:

- 1) SIZES SHOWN INDICATE REDUCTIONS AFTER DRYLOW HEADERS ON STOREY INDICATED.
- 2) REFER TO FLOOR PLANS FOR SIZING OF HORIZONTAL PIPE.
- 3) PROVIDE 19# SHUT OFF VALVES FOR EACH SUITE.
- 4) PROVIDE DRAIN VALVE AT BOTTOM OF EACH RISER.
- 5) PROVIDE AIR VENT AT TOP OF EACH RISER.
- 6) PROVIDE 19# CIRCUIT BALANCING VALVE ON TOP OF EACH DOMESTIC WATER RISER EACH CIRCUIT VALVE TO BE BALANCED TO EQUAL FLOW.
- 7) ALL RISER ANCHORS MUST INCLUDE 25MM THICK NSN 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.
- 8) WHERE RISERS ARE SUPPORTED BY T-CLAMPS RATHER THAN ANCHORS NSN PADS ARE TO BE INCLUDED BELOW THE T-CLAMP.
- 9) ANY PIPE GUIDES USED IN CONNECTION WITH EXPANSION JOINTS OR LOOPS ARE TO BE THE PRE-FABRICATED TYPE WITH INTEGRAL RUBBER ISOLATION.

NOTES:

- 1 WATER METER ASSEMBLY, c/w BACK WATER VALVE AND EXPANSION TANK PER CITY'S STANDARDS. SEE DETAILS ON DUGH-271.
- 2 1 1/2" CIRCUIT BALANCING VALVE, c/w TOP OF EACH DHW RISER UNLESS OTHERWISE SPECIFIED (TYPICAL)
- 3 1 1/2" SHUT-OFF VALVE FOR EACH SUITE. (TYPICAL)
- 4 SET AT 120°F DHW & COMBINED DOW & DHW TO MAINTAIN MAXIMUM SUPPLY TEMPERATURE AT 120°F.
- 5 BYPASS VALVE ONCE DHW SUPPLY TEMPERATURE REACHES 140°F.
- 6 1 1/2" DCW & 1 1/2" DHW.
- 7 2 1/2" DCW & 1 1/2" DHW.
- 8 3 1/2" DCW & 2 1/2" DHW.
- 9 3 1/2" DCW & 3 1/2" DHW.
- 10 THERMOMETER AND PRESSURE GAUGE.
- 11 BAS TO ADJUST PRIMARY HEATING WATER TEMPERATURE AND/OR BOILER TEMPERATURE IF REQUIRED WHEN DOMESTIC HOT WATER SUPPLY TEMPERATURE DROPS BELOW 120°F. (TYPICAL TO ALL ZONES).
- 12 ARMSTRONG PRECHARGED DIAPHRAGM EXP. TANK MODEL AST-42.
- 13 THERMOMETER AND PRESSURE GAUGE.



09/23/14	3	ISSUED FOR TENDER		E.P.
07/06/14	2	RE-ISSUED FOR PERMIT		E.P.
05/06/14	1	ISSUED FOR PERMIT		E.P.
DATE	NO.	DESCRIPTION		BY

REVISIONS

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB AND REPORT DISCREPANCIES TO THE ENGINEERS BEFORE PROCEEDING WITH THE WORK. THIS DRAWING IS THE PROPERTY OF THE ENGINEERS AND MUST BE RETURNED UPON COMPLETION OF THE WORK.

DRAWINGS ARE NOT TO BE SCALED



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DRAWING TITLE:
DCW, DHW & DHWR
RISER DIAGRAM

PROJECT TITLE:
SQ ALEXANDRA PARK
BLOCK II
38 CAMERON STREET
TORONTO ONTARIO

DRAWN BY: G.S.	CHECKED BY: E.P.	SCALE: N.T.S.
DATE: FEB. 13	PROJECT NUMBER: 1313	DRAWING NUMBER: M-36 OF 43