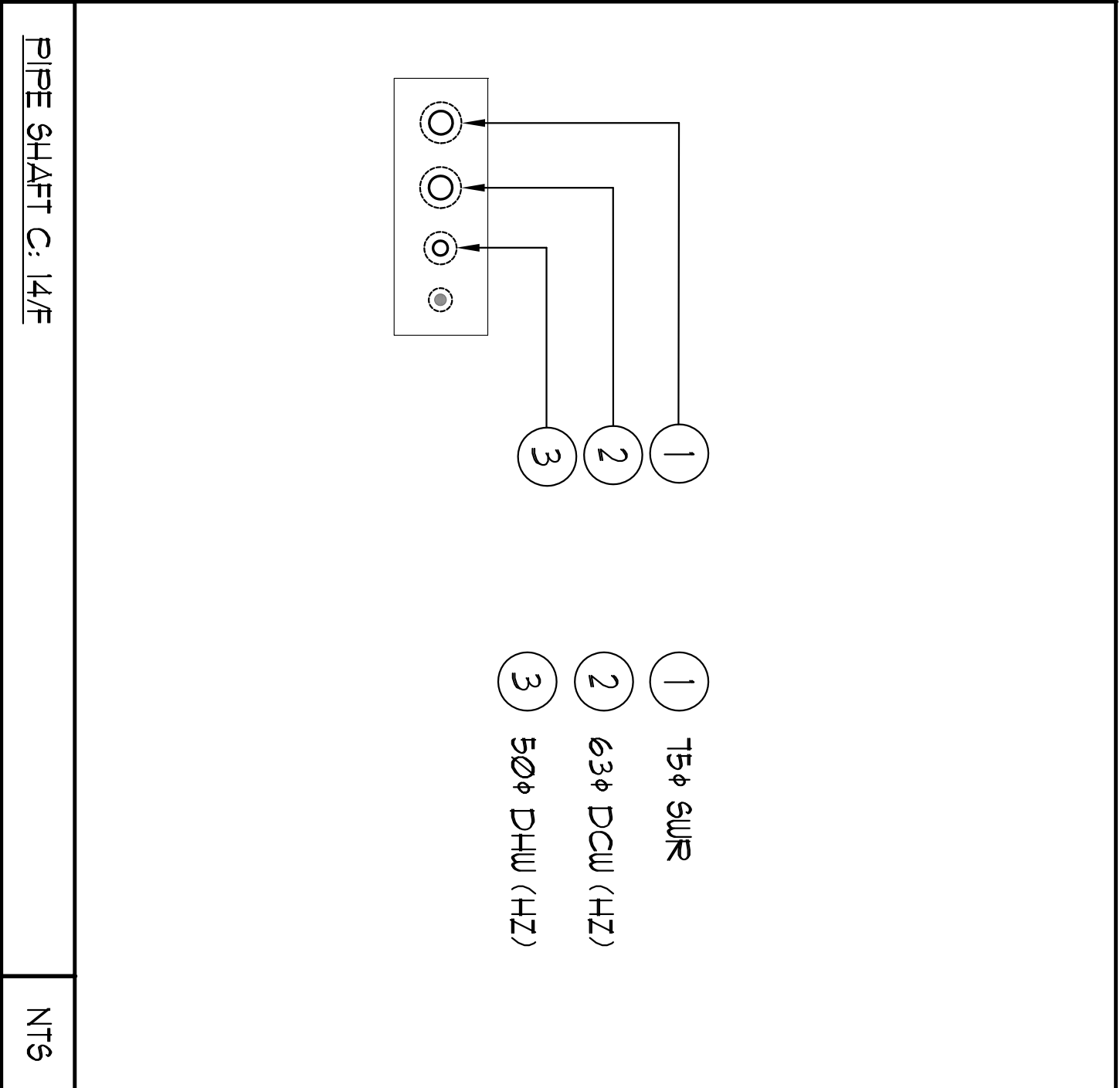


- 1) CONTRACTOR SHALL CO-ORDINATE ARCHITECTURAL, STRUCTURAL, LIGHTING, HVAC, SPRINKLER DRAWINGS TO AVOID AREAS OF CONFLICT AND TO MAINTAIN CEILING HEIGHTS.
- 2) CONTRACTOR SHALL REPORT ALL DISCREPANCIES AND AREA OF CONFLICTS TO THE ENGINEER PRIOR TO WORK BEGINS.
- 3) PROVIDE EXPANSION CHAMBERS FOR ALL KITCHEN SINKS.
- 4) SEE INSTALLATION DETAILS DRAWING FOR WASHER DRYER, H.C. WATER, SINK, SNIPE CONNECTION DETAILS.
- 5) SHIP IT AND INSTALL COMPLETE DOMESTIC HOT AND COLD WATER LINE, SINK, DRYER AND VENT LINES TO EACH FURNITURE EQUIPMENT INCLUDING WATERS COFFETS, LAVATOIRES, BATH SHOWERS, KITCHEN SINK, WASHING MACHINES, DISHWASHERS AND FLOOR DRAIN, KITCHEN SINK, LAVATOIRES, WATERS COFFETS AND WASHING MACHINE TO BE C/W LOCALIZED SHUT-OFF VALVES.
- 6) ALL NEW FIVE INSTALLATION TO CORREL WITH PLUMBING CODES.
- 7) FOR P.H.C. W. RISER SIZES, REFER TO RISER DIAGRAM.
- 8) FIRE DETECTORS ARE REQUIRED TO BE LISTED AND ASSET TO HAVE FIRE PROTECTION RATING OF THE INDICATED FIRE RESISTANCE.

- GENERAL NOTES:
- 1) CONTRACTOR SHALL CO-ORDINATE ARCHITECTURAL, STRUCTURAL, LIGHTING, HVAC, SPRINKLER, PAINTING'S TO AVOID AREAS OF CONFLICT AND TO MAINTAIN CEILING HEIGHTS
- 2) CONTRACTOR SHALL REPORT ALL DISCREPANCIES AND AREA OF CONFLICTS TO THE ENGINEER PRIOR TO WORK BEGINS.
- 3) PROVIDE EXPANSION CHAMBERS FOR ALL KITCHEN SINKS.
- 4) SEE INSTALLATION DETAILS DRAWING FOR WASHER DRYER, H.W.C. WATER, SANITARY CONNECTION DETAILS.
- 5) SUPPLY AND INSTALL COMPLETE DOMESTIC HOT AND COLD WATER LINES, SINK, WATER CLOSET, H.W.C. AND DRYER, EXHAUST FAN, REFRIGERATOR, KITCHEN SINK, WASHING MACHINE, DISHWASHERS AND FLOOR GRABBS, KITCHEN SINK, LAUNDRER, WATER CLOSET'S AND WASHING MACHINE TO BE CO-LOCALIZED SHUT-OFF VALVES.
- 6) ALL VENT FINE INSTALLATION TO COMPLY WITH FLUVENTING CODES.
- 7) FOR D.H.C. & RISER SIZES, REFER TO RISER DIAGRAM
- 8) FIVE DIFFERS ARE REQUIRED TO BE LISTED AND ASSE TO HAVE FIRE PROTECTION RATING OF THE PENETRATED FIRE SEPARATION.
- 9) THE FIVE PENETRATING THE VARIOUS FIRE SEPARATION IS REQUIRED DANCE WITH THE FIRE RESISTING PENETRATING MATERIAL IN ACCORDANCE WITH OGC ARTICLE 31.61
- 10) THE FIRE HOSE CABINET THAT ARE RECESSED INTO THE EXIST STAIR SHAFTS ARE REQUIRED TO BE SEPARATED FROM THE EXIST STAIR BY A 2 HR FIRE SEPARATION.
- 11) NO FLEXIBLE DUCT SHALL BE USED FOR ANY IN-SUITE DUCTWORK
- 12) PROVIDE 2"X4" EXTERNAL INSULATION TO ENTIRE FRESH AIR DUCT FROM EXTERIOR WALL TO R/FAN COIL UNIT.
- 13) DRYER EXHAUST DUCT SHALL BE SMOOTH AND CORROSION-RESISTANT MATERIAL, FLEXIBLE CONNECTION IS NOT ACCEPTABLE.

ACOUSTIC NOTES:

- 1) ALL HORIZONTAL SUPPLY AIR DUCTWORK SHALL BE @ LEAST INTERNAL ACOUSTIC LINING AND SHALL BE SUSPENDED ON RIBBER PADS IN THE HANGERS. ELBOWS SHALL BE COMPLETE WITH TURNING VANES.
- 2) ALL 375MM DIA STATIC PRESSURE PIPES, STEAM LOOPS OR OTHERS WHICH ARE 300MM DIA AND LONGER SHALL BE ISOLATED USING NEOPRENE IN SHEAR HANGERS. THE DUCTWORK SHALL BE HANGERS OR UNLATCHED NEOPRENE PADS IN THE SADDLES OF CEILING HANGERS.
- 3) ALL PIPES SMALLER THAN 300MM DIA SHALL BE ISOLATED WITH 375MM THICK RUBBER OR UNLATCHED RUBBER PADS IN HANGERS SADDLES.

MULTIPLE PIPES / - DENOTES NO. OF PIPES	
TEMPERATURE SENSOR	
TEMPERATURE	
2-WAY MODULATING VALVE	
3-WAY MODULATING VALVE	
1/2" x 1/2" THERMOCOUPL	
CULVERT BUSHINGS 4 1/2" PLUS	
FLOOR ELEVATION ABOVE LEVEL	
FLOOR ELEVATION BELOW LEVEL	
REINFORCING FLOOR TO AIR HEAVY	



- 1 NORTH FA SIAFT B FROM GF TO 1/F DUCT SERVING CORRIDOR FROM GF TO 4/F. SEE VENTILATION RISER DIAGRAM FOR DETAILS.
- 2 NORTH SIAFT B FIA SERVING FROM GF TO 1/F FIA DUCT SERVING CORRIDOR FROM GF TO 4/F. SEE VENTILATION RISER DIAGRAM FOR DETAILS.
- 3 PIPE SHAFT - REFERS TO PIPE DIAGRAM FOR DETAILS.
- 4 BPO KITCHEN / DRYER / WIR / FOU INTAKE / FOU EXHAUST DUCT. (TYPICAL UNLESS OTHERWISE NOTED)
- 5 SEE DUG M-33 FOR PIPING CONNECTION DETAIL.
- 6 30" SURE
- 7 32" SURE
- 8 100" SURE
- 9 80" SURE
- 10 15" SURE
- 11 600" GARAGE CHUTE C/W 19" DOW WITH BACKFLOW PREVENTOR AND ISOLATING VALVE FOR GARAGE CHUTE UPLASH/DOWN RING.
- 12 19" DURE
- 13 25" DURE
- 14 32" DURE
- 15 38" DURE
- 16 50" DURE
- 17 50" CUS + R
- 18 250" COMBUSTION AIR INTAKE AND 250" EXHAUST UP THROUGH ROOF C/W TERMINATION FITTING. AS PER MANUFACTURER'S INSTALLATION MANUAL AND TESA REQUIREMENTS.
- 19 300" COMBUSTION AIR INTAKE AND 225" EXHAUST UP THROUGH ROOF C/W TERMINATION FITTING. AS PER MANUFACTURER'S INSTALLATION MANUAL AND TESA REQUIREMENTS.
- 20 100" 8"TH 6"TH
- 21 100" RILL DOWN
- 22 100" RILL FROM ABOVE
- 23 1000/200 INTAKE LOUVER C/W MOTORIZED DAMPER FINE DAMPER + WIRE TIEISH
- 24 RETIREDEANT FIRES FROM SPLIT COOLING INDOOR UNIT (SAC-17) TO CONDENSATE UNIT (SCU-17) PIPE SIZING AND INSTALLATION AS PER MANUFACTURER'S RECOMMENDATIONS (TYPICAL).

PROJECT TITLE		DRAWING TITLE	
66A ALEXANDRA PARK BLOCK II 1838 CAMERON STREET TORONTO		MECHANICAL LAYOUT 1/4"	
DATE	DESIGN BY	CHECKED BY	SCALE
FEB. 13	J.B.	E.P.	1:50
	PROJECT NUMBER	DRAWING NUMBER	
	13	M-32	OF 43

1750 LINDA BLVD., GARDEN GROVE, ROAD 101, 31
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ON/ARC