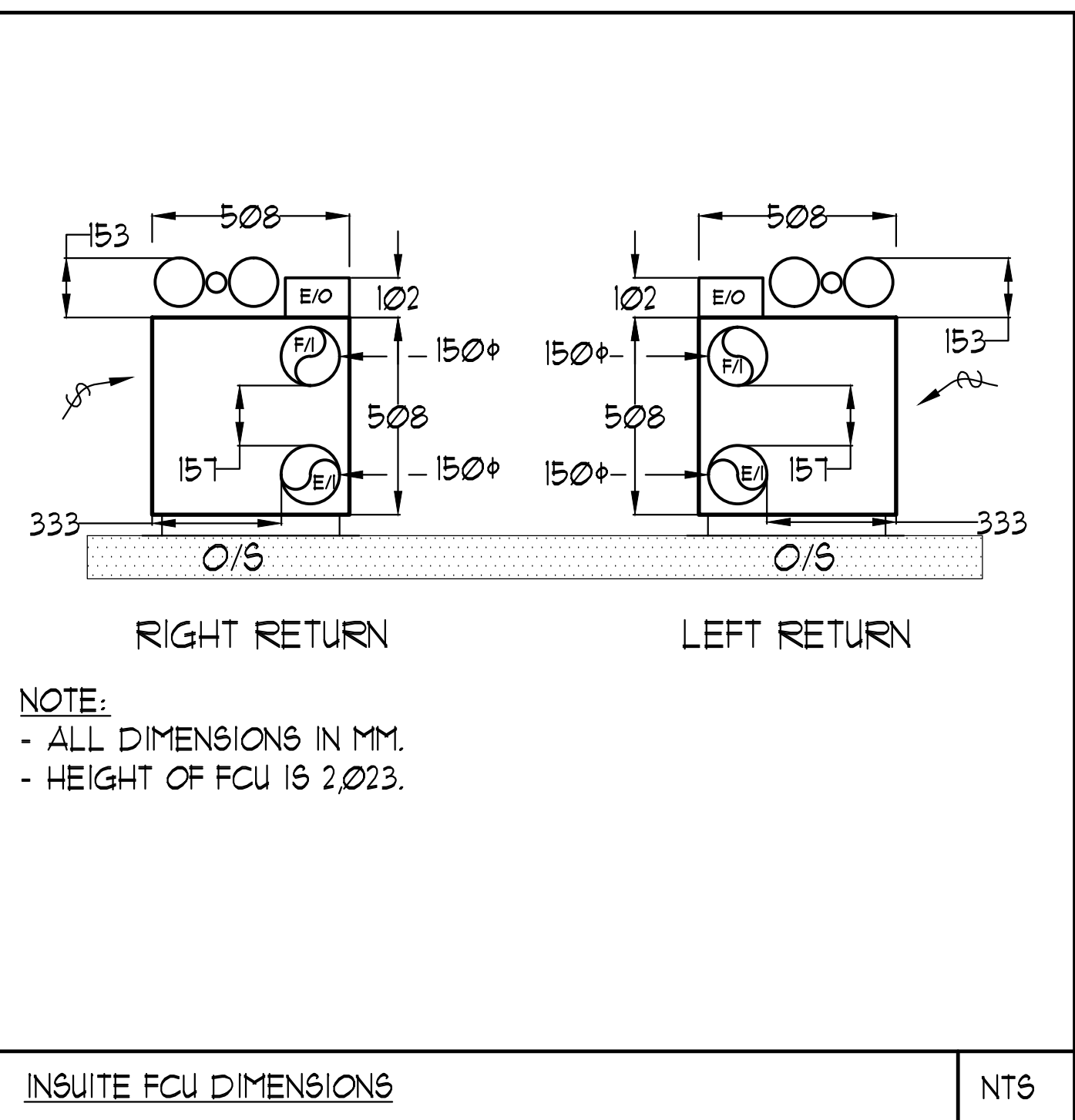
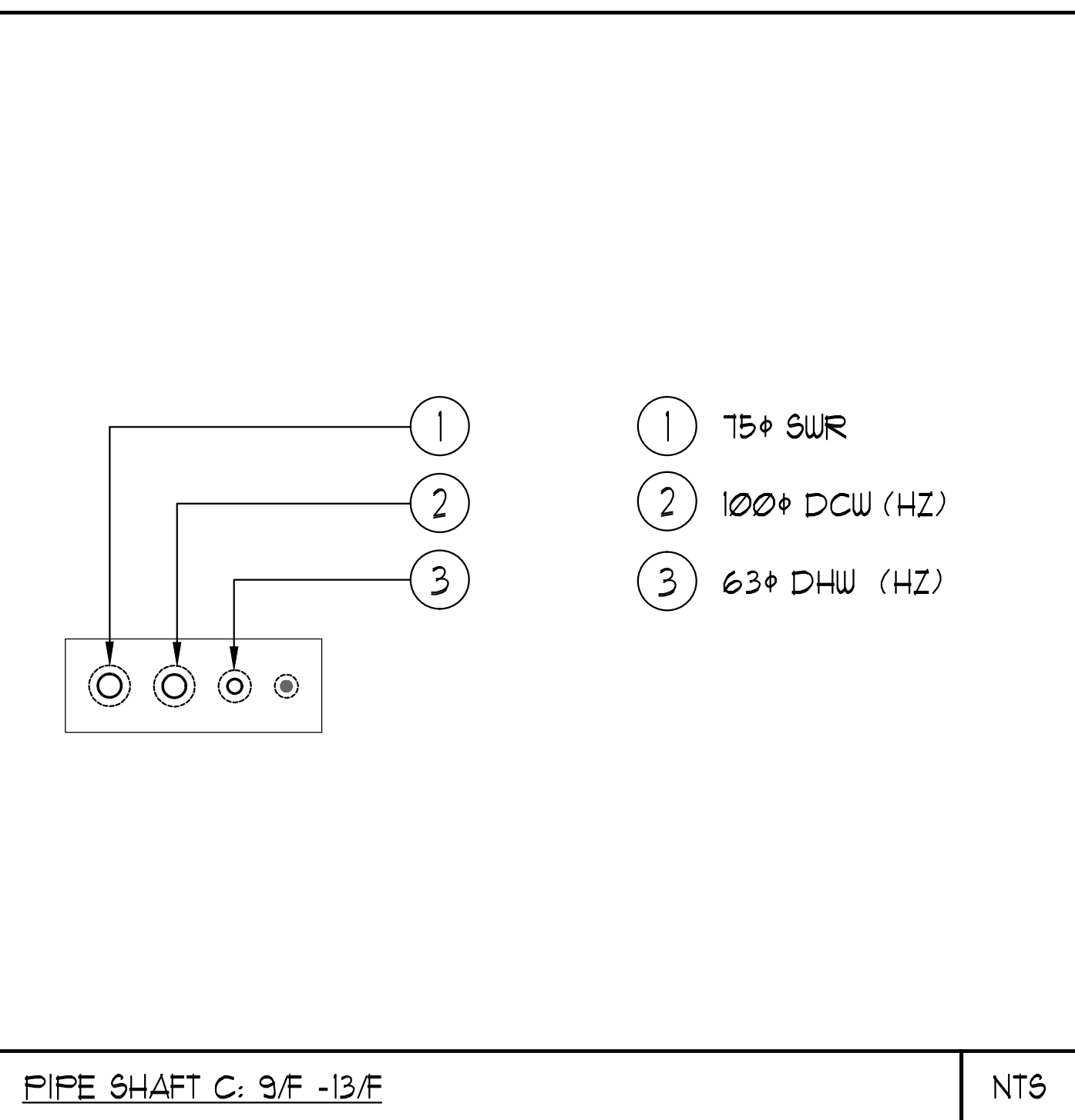
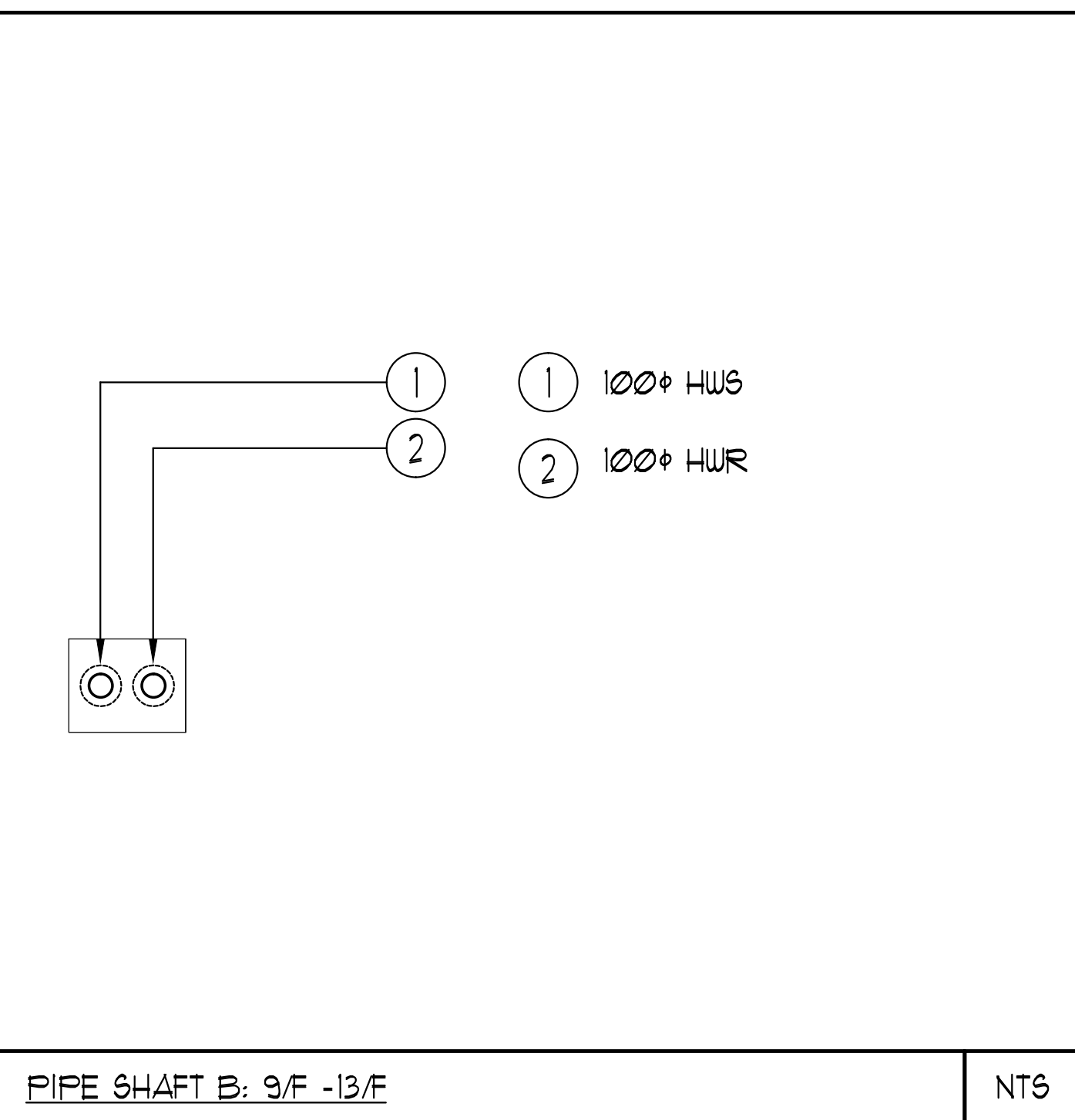
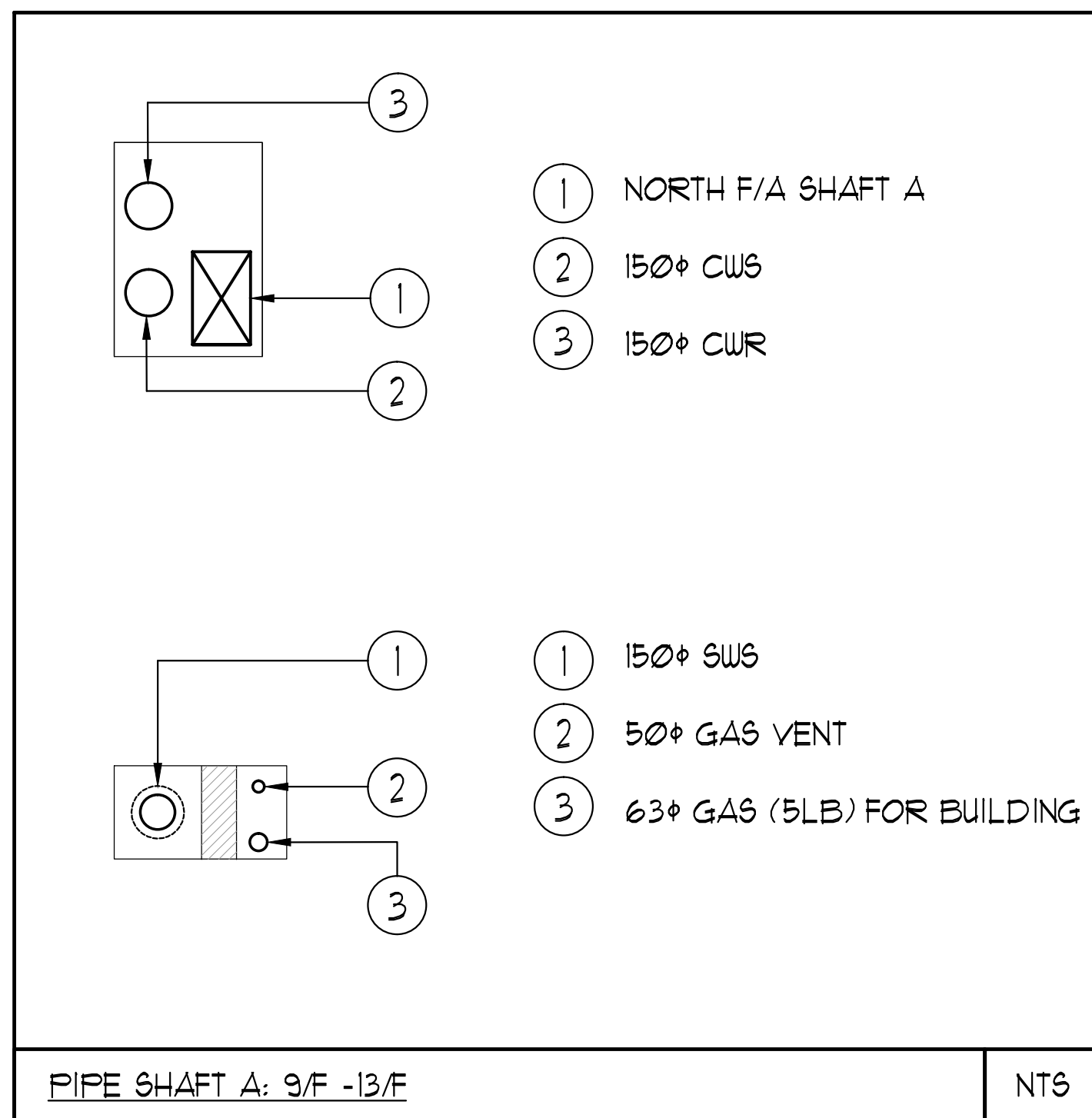




UNIT	NAME	AREA (SQ. FT.)	# OF UR	# OF POWDER	SIZE (T)	FIXTURE UNITS	BR	SQ. FT./T
1001	1A-MR1	525	1	0	1	10	1	525
1005	2TT	1150	2	1	2	22	2	575
1008	2TTR	1150	2	1	2	22	2	575
1011	1C-D1	590	2	0	1	16	1	590
1012	1C-D3	590	2	0	1	16	1	590
1013	1C	500	1	0	1	10	1	500
1014	9I	440	1	0	15	10	STUDIO	293
1019	2JT	740	2	0	15	16	2	493
1020	1HT	530	1	0	1	10	1	530
1021	2JTR	740	2	0	15	16	2	493
1027	1K2	545	1	0	1	10	1	545
1028	2B	605	1	1	1	16	2	605
1029	1A-M3	580	1	0	1	10	1	580

- GENERAL NOTES:
- CONTRACTOR SHALL CO-ORDINATE ARCHITECTURAL, STRUCTURAL, LIGHTING, HVAC, SPRINKLER DRAWINGS TO AVOID AREAS OF CONFLICT AND TO MAINTAIN CEILING HEIGHTS.
 - CONTRACTOR SHALL REPORT ALL DISCREPANCIES AND AREA OF CONFLICTS TO THE ENGINEER PRIOR TO WORK BEGINS.
 - PROVIDE EXPANSION CHAMBERS FOR ALL KITCHEN SINKS.
 - SEE INSTALLATION DETAILS DRAWING FOR WASHER DRYER, H4C WATER, SANITARY CONNECTION DETAILS.
 - SUPPLY AND INSTALL COMPLETE DOMESTIC HOT AND COLD WATER LINES, SANITARY AND VENT LINES TO EACH FIXTURE/EQUIPMENT INCLUDING WATER CLOSETS, LAVATORIES, BATHS, SHOWERS, KITCHEN SINK, WASHING MACHINES, DISHWASHERS, AND FLOOR DRAINS, KITCHEN SINK, LAVATORIES, WATER CLOSETS AND WASHING MACHINE TO BE C/W LOCALIZED SHUT-OFF VALVES.
 - ALL VENT PIPE INSTALLATION TO COMPLY WITH PLUMBING CODES.
 - FOR D.H.4.C. W. RISER SIZES, REFER TO RISER DIAGRAM
 - FIRE DAMPERS ARE REQUIRED TO BE LISTED AND ARE TO HAVE FIRE PROTECTION RATING OF THE PENETRATED FIRE SEPARATION.
 - THE PIPING PENETRATING THE VARIOUS FIRE SEPARATION IS REQUIRED TO BE FIRESTOPPED WITH A LISTED FIRESTOPPING MATERIAL IN ACCORDANCE WITH CBC ARTICLE 313.1
 - THE FIRE HOSE CABINET THAT ARE RECESSED INTO THE EXIT STAIR SHAFTS ARE REQUIRED TO BE SEPARATED FROM THE EXIT STAIR BY A 2 HR FIRE SEPARATION.
 - NO FLEXIBLE DUCT SHALL BE USED FOR ANY IN-SUITE DUCTWORK.
 - PROVIDE 25MM EXTERNAL INSULATION TO ENTIRE FRESH AIR DUCT FROM EXTERIOR WALL TO ERV FAN COIL UNIT.
 - DRYER EXHAUST DUCT SHALL BE SMOOTH AND CORROSION-RESISTANT MATERIAL (FLEXIBLE CONNECTION IS NOT ACCEPTABLE).

- ACOUSTIC NOTES:
- ALL SYSTEM/DOMESTIC PIPE LOOPS OR OFFSETS WHICH ARE 50MM DIA. AND LARGER SHALL BE ISOLATED USING NEOPRENE-IN-SHEAR HANGERS, AND ADDITIONAL 25 MM THICK RIBBED OR WAFFLED NEOPRENE PADS IN THE SADDLES OF CLEVIS HANGERS.
 - ALL PIPES SMALLER THAN 50MM DIA. SHALL BE ISOLATED WITH 5MM THICK RIBBED OR WAFFLED RUBBER PADS IN HANGER SADDLES.
- CLEAR FLOOR TO UNDERSLAB = 2750mm
CLEAR PRODUCT = 2100mm
UNITS 1005/1008: DRAINS FROM TERRACE ON 11/F

- NOTES:
- NORTH F/A SHAFT A FROM G/F TO 14/F DUCT SERVING CORRIDOR FROM 9/F TO 14/F. SEE PRESSURIZATION / VENTILATION RISER DIAGRAM FOR DETAILS.
 - NORTH F/A SHAFT SERVING FROM G/F TO 14/F. DUCT SERVING CORRIDOR FROM G/F TO 14/F. SEE PRESSURIZATION / VENTILATION RISER DIAGRAM FOR DETAILS.
 - PIPE SHAFT - REFER TO PIPE DIAGRAM FOR DETAILS.
 - 150° KITCHEN / DRYER / W/R / FCU INTAKE / FCU EXHAUST DUCT. (TYPICAL UNLESS OTHERWISE NOTED)
 - 100° RUL FROM ABOVE AND DOWN.
 - 100° RUL FROM ABOVE.
 - 100° RUL DOWN.
 - 100° 57M 01%.
 - 600° GARBAGE CHUTE.
 - 18° GAS PIPE C/W VALVE AND CAP FOR BBQ.
 - 18° DCW FOR NFHB TO BE CONNECTED TO SUITE'S MAIN DCW LINE.

LEGEND MECHANICAL

SYMBOL	DESCRIPTION
[Symbol]	SUPPLY AIR DIFFUSER
[Symbol]	LINEAR SUPPLY DIFFUSER
[Symbol]	THRESHOLD
[Symbol]	FAN SWITCH
[Symbol]	RETURN AIR GRILLE
[Symbol]	EXHAUST AIR GRILLE
[Symbol]	SUPPLY DUCT UP
[Symbol]	SUPPLY DUCT DOWN
[Symbol]	RETURN DUCT UP
[Symbol]	RETURN DUCT DOWN
[Symbol]	EXHAUST DUCT UP
[Symbol]	EXHAUST DUCT DOWN
[Symbol]	FIRE DAMPER
[Symbol]	BALANCING DAMPER
[Symbol]	HYDROLOGIC DAMPER
[Symbol]	HYDROLOGIC FIRE DAMPER
[Symbol]	BACKDRAFT DAMPER
[Symbol]	OPPOSED BLADE VOLUME CONTROL DAMPER
[Symbol]	TURNING VANES
[Symbol]	FLEXIBLE CONNECTION
[Symbol]	ACOUSTIC INSULATION
[Symbol]	TYPE OF EQUIPMENT
[Symbol]	TYPE OF EQUIPMENT OR GRILLE
[Symbol]	VALVE SIZE OR DIFFUSER NECK SIZE
[Symbol]	HANGING (OFF OR ON)
[Symbol]	STARTER / 3 PHASE / PHASE 1
[Symbol]	FAN SWITCH / IN-SUITE DRYER / GARBAGE BUTT
[Symbol]	CO SENSOR
[Symbol]	GAS LINE
[Symbol]	GAS METER
[Symbol]	GAS COOK
[Symbol]	PRESSURE REDUCING VALVE
[Symbol]	SANITARY ABOVE GRADE
[Symbol]	SANITARY BELOW GRADE
[Symbol]	STORY ABOVE GRADE
[Symbol]	STORY BELOW GRADE
[Symbol]	DOMESTIC COLD WATER
[Symbol]	DOMESTIC HOT WATER
[Symbol]	DOMESTIC HOT WATER RECIRCULATION
[Symbol]	WATER METER
[Symbol]	FLOOR DRAIN
[Symbol]	FACE FLOOR DRAIN
[Symbol]	HUB DRAIN
[Symbol]	ROOF DRAIN
[Symbol]	BLVD DRAIN
[Symbol]	BLVD AREA DRAIN
[Symbol]	BLVD AREA DRAIN
[Symbol]	BLVD TRAP
[Symbol]	ELBOW UP
[Symbol]	ELBOW DOWN
[Symbol]	FLOOR CLEANOUT
[Symbol]	FLOOR CLEANOUT
[Symbol]	HOSE BIBB
[Symbol]	NON-FREEZE HOSE BIBB
[Symbol]	SCREED VALVE
[Symbol]	GATE VALVE
[Symbol]	BALL VALVE
[Symbol]	BUTTERFLY VALVE
[Symbol]	PRESSURE REDUCING VALVE
[Symbol]	CHECK VALVE
[Symbol]	COP-PREMIUM AIR OUTLET
[Symbol]	BACKFLOW PREVENTER
[Symbol]	CIRCUIT BALANCING VALVE
[Symbol]	MULTIPLE PIPES
[Symbol]	TEMPERATURE SENSOR
[Symbol]	TEMPERATURE SENSOR
[Symbol]	2-WAY ISOLATING VALVE
[Symbol]	3-WAY ISOLATING VALVE
[Symbol]	1/2" X 1/2" THERMOWELL
[Symbol]	CAN 12" THERMOWELL
[Symbol]	FLOOR ELEVATION ABOVE LEVEL
[Symbol]	HEADROOM (FLOOR TO US HEIGHT)

REVISIONS

NO.	DATE	DESCRIPTION	BY
1	2010-02-27	ISSUED FOR SITE INSPECTION	EP
2	2010-03-04	ISSUED FOR TENDER	EP
3	2010-03-11	RE-DESIGNED FOR PERMIT	EP
4	2010-03-11	ISSUED FOR PERMIT	EP
5	2010-03-11	DESCRIPTION	BY

MARK USED ALL PRINTS DATES PREVIOUS TO FINAL DATE ABOVE

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Fax: 905-882-5447

DRAWING TITLE
10/F
MECHANICAL LAYOUT

PROJECT TITLE
50 ALEXANDRA PARK
BLOCK II
50 CAMERON STREET
TORONTO

DRAWN BY: G.S. CHECKED BY: E.P. SCALE: 1:50
DATE: FEB, 13 PROJECT NUMBER: 1313 DRAWING NUMBER: M-28 OF 43

