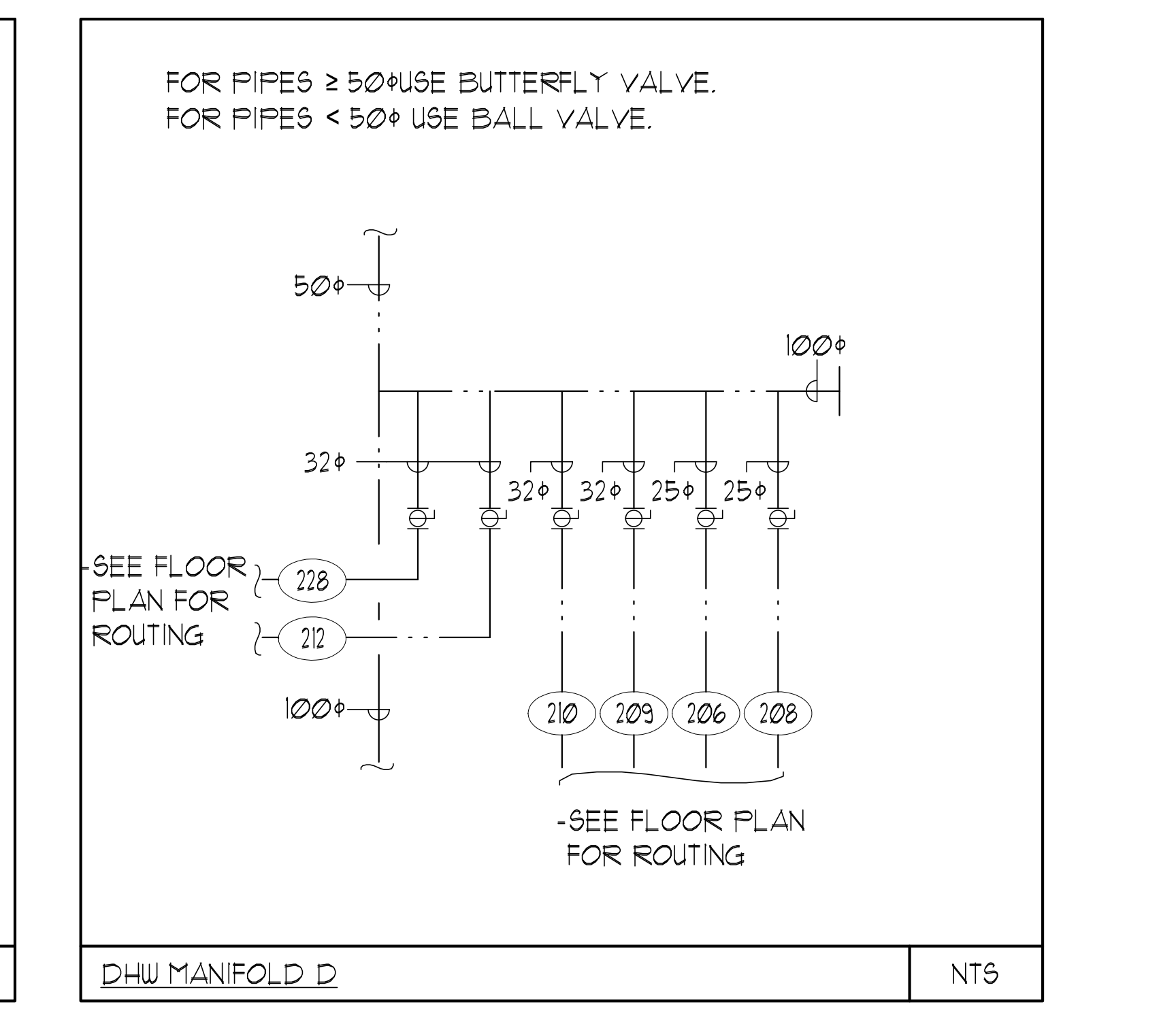


- REFER TO DUG M-6 FOR GENERAL NOTES AND M-9 FOR ACOUSTIC NOTES
- CLEAR FLOOR TO UNDERSLAB = 405mm
 CLEAR PRODUCT = 300mm
 COMPLETE DROP CEILING = 1000mm FOR DUCT/PIPES
 ROOF DRAINS & TERRACE DRAINS FROM 2/F
- NOTES:
- PIPE SHAFT - REFER TO PIPE RISER DETAIL ON THIS DRAWING FOR DETAILS.
 - 100mm SAN @ 1%.
 - 150mm SAN @ 1%.
 - 200mm SAN @ 1%.
 - 200mm SAN DOWN.
 - 100mm DCW (HZ) UP & 50mm DHUR FROM PIPE RISER ABOVE.
 - 50mm DCW & 38mm DHW UP.
 - 100mm DCW (LZ) & 100mm DCW (HZ)
 - 75mm DHW (LZ) & 50mm DHUR (LZ)
 - 150mm DCW & 50mm DHW.
 - 50mm DCW & 38mm DHW.
 - 38mm DCW & 32mm DHW.
 - 15mm DCW & DHW DOWN TO SERVE (1) HOSEBIB FOR GARBAGE ROOM.
 - 150mm SAN UP.
 - 63mm DCW & 50mm DHW DOWN.
 - 32mm DCW & 25mm DHW.
 - 15mm DCW & 15mm DHW.
 - 38mm DCW & 32mm DHW DOWN.
 - 100mm DCW & 15mm DHW.
 - DCW MANIFOLD C, SEE DCW MANIFOLD C DETAIL ON THIS DRAWING.
 - DHW MANIFOLD D, SEE DHW MANIFOLD D DETAIL ON THIS DRAWING.
 - 150mm SAN DOWN.
 - 15mm SAN DOWN.
 - 15mm CONDENSATE PIPE DOWN.
 - 100mm R/WL FROM ABOVE.
 - 150mm R/WL FROM ABOVE.
 - 100mm R/WL DOWN.
 - 100mm STM @ 1%.
 - 150mm STM @ 1%.
 - 150mm R/WL DOWN.
 - 150mm R/WL DOWN.
 - 200mm R/WL DOWN.
 - 200mm STM @ 1%.
 - SLEEVE THRU BEAM (TYPICAL).
 - TRENCH DRAIN TO BE HEAT TRACE BY DIV.5 AND INSULATE AND JACKET BY DIV.5.



LEGEND MECHANICAL

SYMBOL	DESCRIPTION
[Symbol]	SUPPLY AIR DRIVER
[Symbol]	SUPPLY AIR TRIPPER
[Symbol]	LINEAR SUPPLY DIFFUSER
[Symbol]	THERMOSTAT
[Symbol]	FAN MOTOR
[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]	FINE DAMPER
[Symbol]	BALANCING DAMPER
[Symbol]	MOTORIZED DAMPER
[Symbol]	MOTORIZED FIRE DAMPER
[Symbol]	BACKDRIFT DAMPER
[Symbol]	OPPOSITE BLADE VOLUME CONTROL DAMPER
[Symbol]	CO. LOCKING DAMPER
[Symbol]	TURNING VANES
[Symbol]	FLEXIBLE CONNECTION
[Symbol]	ACOUSTIC INSULATION
[Symbol]	TYPE OF EQUIPMENT
[Symbol]	EQUIPMENT IDENTIFICATION
[Symbol]	TYPE OF EQUIPMENT OR GRILLE
[Symbol]	GRILLE SIZE OR DIFFUSER BEAK SIZE
[Symbol]	ANNUAL ICH OR L.Z.
[Symbol]	STARTER (3 PHASE / PHASE)
[Symbol]	FAN SWITCH / IN-SITE ERY OVERRIDE BUTTON
[Symbol]	CO SENSOR
[Symbol]	GAS LINE
[Symbol]	GAS PETER
[Symbol]	GAS SOCK
[Symbol]	PRESSURE REDUCING VALVE
[Symbol]	BANITARY ABOVE GRADE
[Symbol]	BANITARY BELOW GRADE
[Symbol]	STORM ABOVE GRADE
[Symbol]	STORM BELOW GRADE
[Symbol]	DOMESTIC COLD WATER
[Symbol]	DOMESTIC HOT WATER
[Symbol]	DOMESTIC HOT WATER RECIRCULATION
[Symbol]	BANITARY VENT
[Symbol]	WATER METER
[Symbol]	FLOOR DRAIN
[Symbol]	RUNNEL FLOOR DRAIN
[Symbol]	ROOF DRAIN
[Symbol]	BLAB DRAIN
[Symbol]	AREA DRAIN
[Symbol]	BLAB B LEVEL AREA DRAIN
[Symbol]	CATCH BASIN
[Symbol]	BANITARY TRAP
[Symbol]	ELBOW UP
[Symbol]	ELBOW DOWN
[Symbol]	WALL CLEANOUT
[Symbol]	FLOOR CLEANOUT
[Symbol]	HOSE BIBS
[Symbol]	NON-FREEZE HOSE BIBS
[Symbol]	GLOBE VALVE
[Symbol]	GATE VALVE
[Symbol]	BALL VALVE
[Symbol]	BUTTERFLY VALVE
[Symbol]	PRESSURE REDUCING VALVE
[Symbol]	CHUCK VALVE
[Symbol]	CAP
[Symbol]	COMPRESSED AIR OUTLET
[Symbol]	BACKFLOW PREVENTER
[Symbol]	CIRCUIT BALANCING VALVE
[Symbol]	MULTIPLE PIPES
[Symbol]	DENOTES NO. OF PIPES
[Symbol]	TEMPERATURE SENSOR
[Symbol]	THERMISTOR
[Symbol]	1-WAY MODULATING VALVE
[Symbol]	3-WAY MODULATING VALVE
[Symbol]	17-WAY THERMISTOR
[Symbol]	CU 17 BUSHING & 17' PLUG
[Symbol]	FLOOR ELEVATION ABOVE LEVEL
[Symbol]	FLOOR ELEVATION BELOW LEVEL
[Symbol]	HEADROOM FLOOR TO CEILING

NO.	DATE	BY	CHKD.	DESCRIPTION

REVISIONS

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB AND REPORT DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK. THIS DRAWING IS THE PROPERTY OF THE ENGINEER AND NOT TO BE REPRODUCED FROM COPIES OF THE WORK.

DRAWINGS ARE NOT TO BE SCALED

NOVA
 ENGINEERING

175 West Beaver Creek Road Unit 31
 Richmond Hill, Ontario L4B 3M1
 Tel: 905-882-5445
 Fax: 905-882-5441

DRAWN BY: G.S.
 PROJECT NUMBER: 1313
 DATE: FEB, 13

DESIGNED BY: E.P.
 PROJECT NUMBER: 1313
 DATE: FEB, 13

SCALE: 1:50
 DRAWING NUMBER: M-11
 OF 45