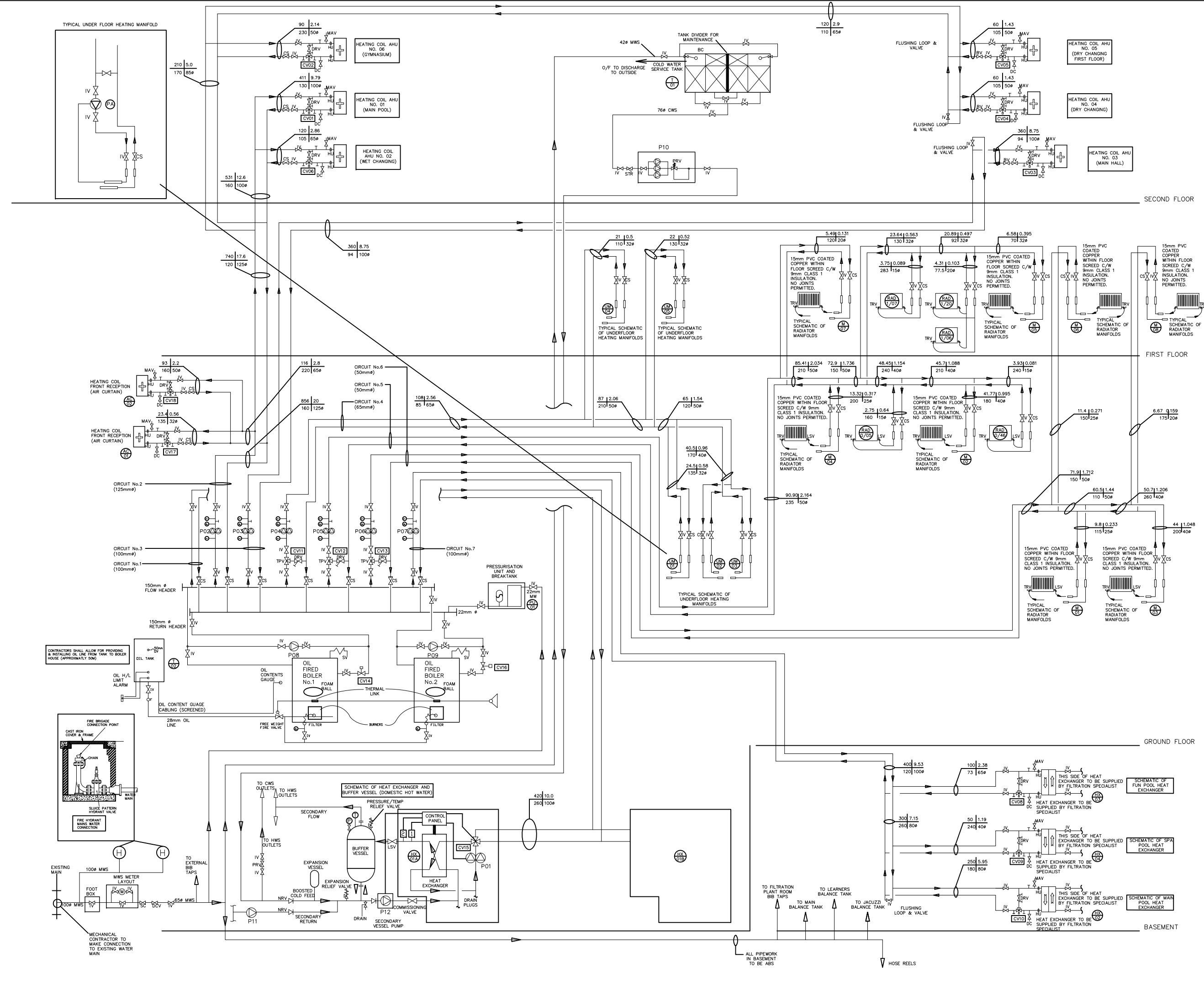




LEGEND

IV ISOLATION VALVE
BV BALANCING VALVE
CS COMMISSIONING SET
STR STRAINER
LSV LOCK SHIELD VALVE
TRV THERMOSTATIC RAD VALVE
MAV MANUAL AIR VENT
DC DRAIN COCK
HU HOSE UNION
DRV DOUBLE REGULATING VALVE
TPV THREE-PORT MIXING VALVE

TYPICAL MANIFOLD ARRANGMENT

TYPICAL SCHEMATIC OF UNDERFLOOR HEATING MANIFOLDS

TYPICAL SCHEMATIC OF RADIATOR MANIFOLDS

TYPICAL SCHEMATIC OF RADIATOR LAYOUT

CIRCUIT No.1 -DOMESTIC WATER HEAT EXCHANGER
CIRCUIT No.2 -AHU HEATER BATTERIES & AIR CURTAINS
CIRCUIT No.3 -MAIN HALL AHU HEATER BATTERY
CIRCUIT No.4 -UNDERFLOOR HEATING CIRCUIT
CIRCUIT No.5 -RADIATOR CIRCUIT (WET CHANGING & RECEPTION)
CIRCUIT No.6 -RADIATOR CIRCUIT (DRY CHANGING, 1ST FLR & 2ND FLR)
CIRCUIT No.7 -POOL HEAT EXCHANGERS

CONTRACT ISSUE

THESE DRAWINGS ARE TO BE USED TO FACILITATE AN UNDERSTANDING OF THE SCOPE AND CONTENT OF THE WORKS AND FOR PRICING PURPOSES. THE DRAWINGS ARE SUBJECT TO THE CONTRACTORS DETAILED DESIGN FOLLOWING THE DESIGN INTENT IN THE PERFORMANCE SPECIFICATIONS. THE DRAWINGS ARE NOT TO BE USED AS THE BASIS FOR CONSTRUCTION.

B	PIPE ROUTES ALTERED	NOV.2005
A	PIPE ROUTES ALTERED	NOV.2005
REV	DESCRIPTION	DATE

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LETTERKENNY, Co. DONEGAL

DWG TITLE LTHW SCHEMATIC

SCALE: N.T.S. DRAWN BY: CES I/c ENG: EmcC DATE: SEPT 04

DRAWING No. 1315/M/15 REVISION B