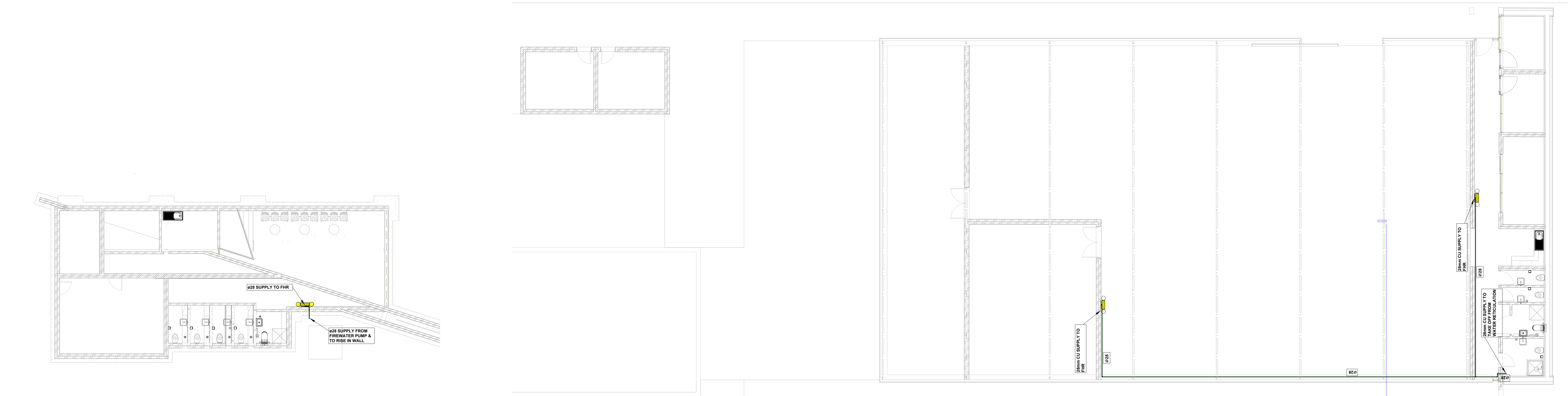




GROUND FLOOR MAIN BUILDING FIRE WATER RETICULATION
1:100



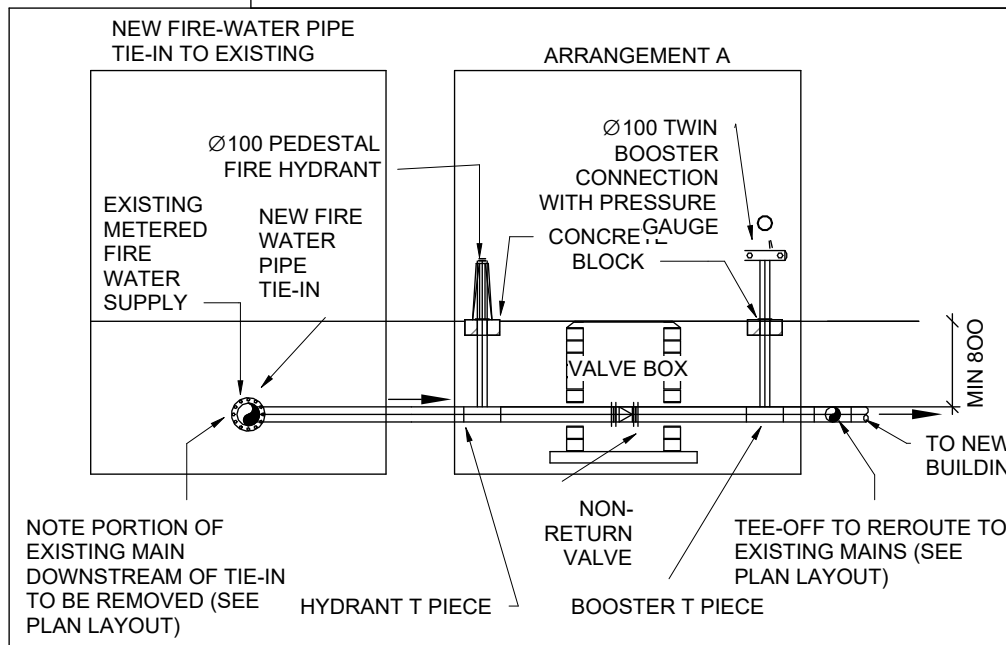
GROUND FLOOR GATEHOUSE FIRE WATER RETICULATION
1:100

FIRE WATER LEGEND:

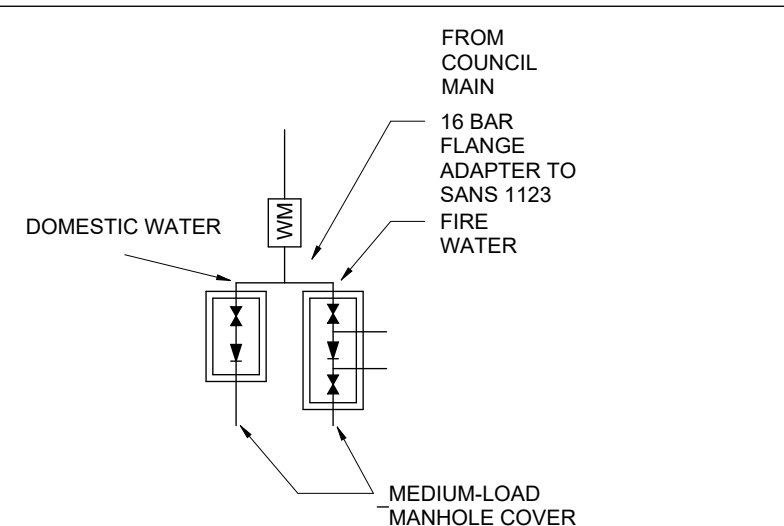
- SPRINKLER PROTECTION PIPING
- FIRE WATER RETICULATION PIPING

GENERAL FIRE WATER NOTES:

- SPRINKLER SYSTEM PIPING
- ALL FIRE WATER SUPPLYING SPRINKLERS AND FIRE HYDRANTS TO BE SANS 62 STEEL PIPE FOR THE MAIN BUILDING & COPPER CLASS 1 FOR THE GENERATOR AND GATHOUSE BUILDINGS
- SUPPORTS SHALL BE INSTALLED AT INTERVALS AS FOLLOWS:
NOMINAL PIPE DIAMETER MAXIMUM SPACING
(mm) (m)
< 65 4
65 - 100 6.1
- ALL PIPING MUST BE PROPERLY CLEANED FROM RUST AND LOOSE MILL SCALE WITH A HARD WIRE BRUSH
- A RED OXIDE PRIMER TO SANS 679, TYPE 1 PRIMING COAT SHALL BE APPLIED TO A DFT OF 25 - 35 MICROMETER
- PRESSURE TESTING SHALL BE DONE HYDRAULICALLY UP TO A PRESSURE OF 15 BAR AND MAINTAINED FOR A PERIOD OF 24 HOURS
- ALL T-BRACKETS SHALL BE PAINTED WITH A RED OXIDE PRIMER TO SANS 679, TYPE 1 PRIMING COAT TO A DFT OF 25 - 35 MICROMETER. TWO FINISHING COATS OF HIGH GLOSS ENAMEL BLACK PAINT TO SANS 630 MUST BE APPLIED TO A DFT OF 25 - 35 MICROMETER EACH
- PIPE SIZING TO BE CONFIRMED BY CONTRACTOR VIA HYDRAULIC WATER PRESSURE AND FLOW CALCULATIONS



TYPICAL PEDESTAL FIRE WATER BOOSTER CONNECTION SECTION DETAIL



TYPICAL PEDESTAL FIRE WATER BOOSTER CONNECTION PLAN DETAIL