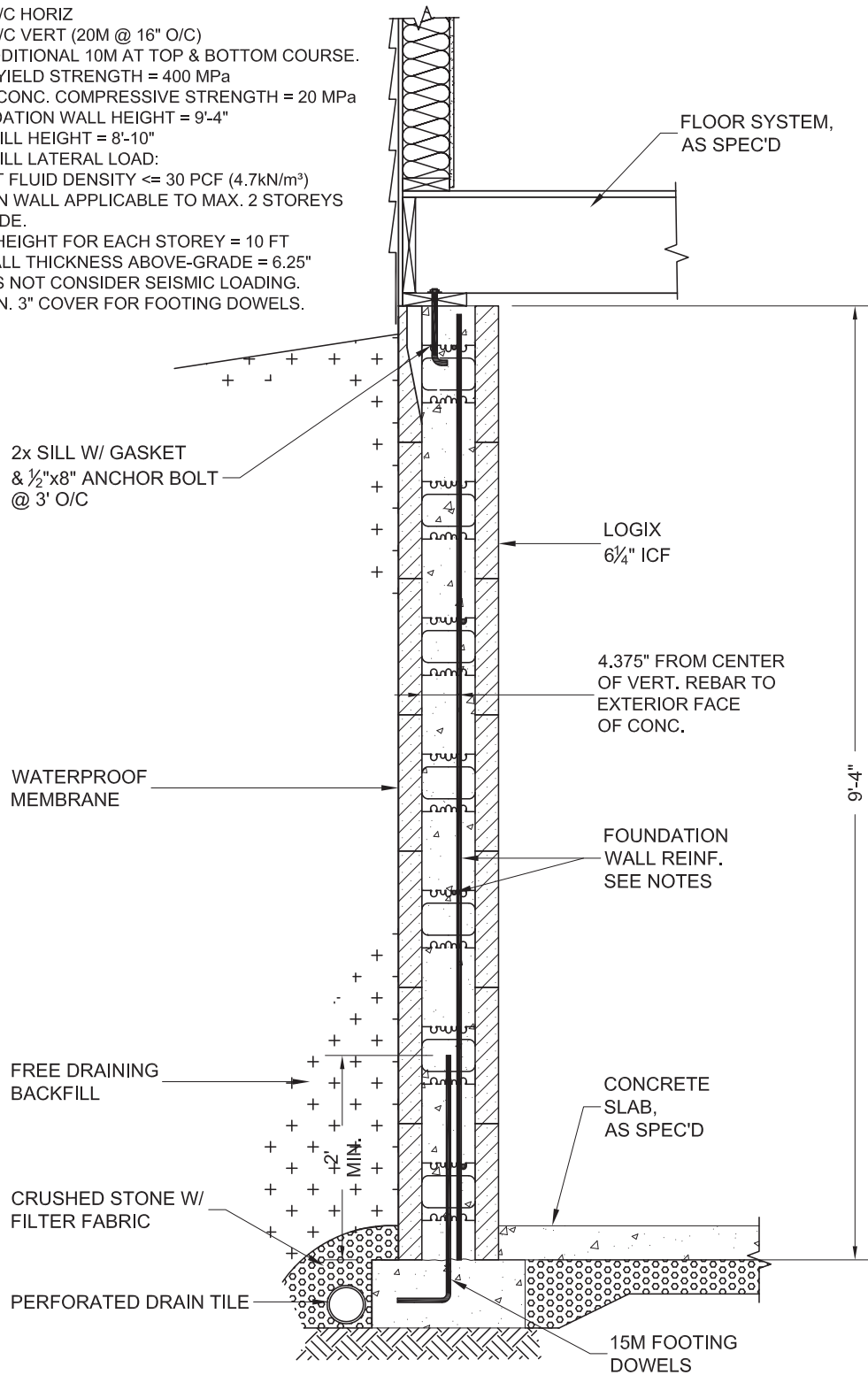


6.2 – CANADIAN ENGINEERING ANALYSIS REPORT: IMPERIAL UNITS

FIGURE 1B - 9ft-4in FOUNDATION WALL REINFORCEMENT

NOTES:

1. MIN FOUNDATION WALL REINF:
10M @ 32" O/C HORIZ
15M @ 12" O/C VERT (20M @ 16" O/C)
PROVIDE ADDITIONAL 10M AT TOP & BOTTOM COURSE.
2. MIN. STEEL YIELD STRENGTH = 400 MPa
MIN. 28DAY CONC. COMPRESSIVE STRENGTH = 20 MPa
3. MAX. FOUNDATION WALL HEIGHT = 9'-4"
4. MAX. BACKFILL HEIGHT = 8'-10"
5. MAX. BACKFILL LATERAL LOAD:
EQUIVALENT FLUID DENSITY ≤ 30 PCF (4.7kN/m³)
6. FOUNDATION WALL APPLICABLE TO MAX. 2 STOREYS ABOVE-GRADE.
MAX. WALL HEIGHT FOR EACH STOREY = 10 FT
MAX. ICF WALL THICKNESS ABOVE-GRADE = 6.25"
7. REINF. DOES NOT CONSIDER SEISMIC LOADING.
8. PROVIDE MIN. 3" COVER FOR FOOTING DOWELS.



ENGINEERING