



Building
Division

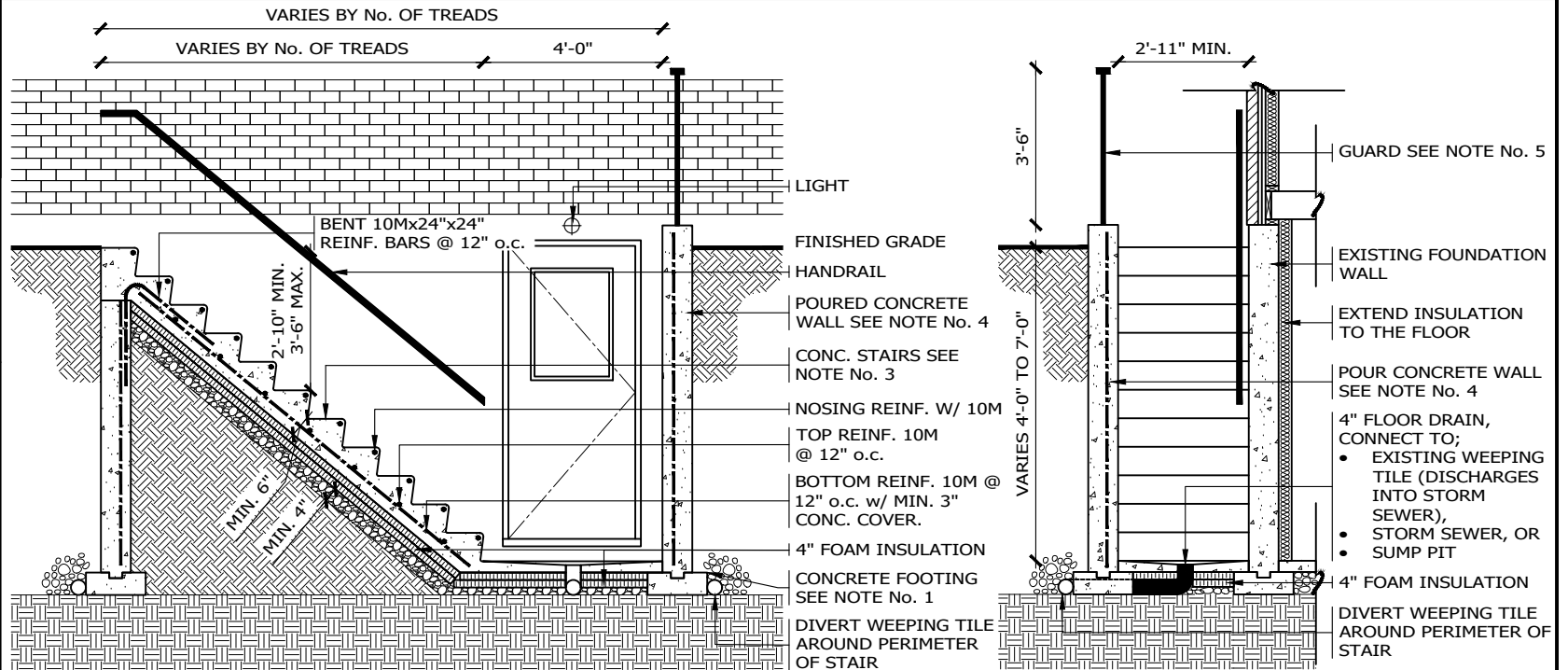
EXTERIOR
BELOW
GRADE
ENTRANCE
STAIR
(SERVING A
SINGLE DWELLING
UNIT OR HOUSE
WITH A
SECONDARY SUITE
PART 9)

DATE:
MARCH 2026

SCALE:
1/4" = 1'-0"

DRAWING NO.:

9-13



SECTION 'A'

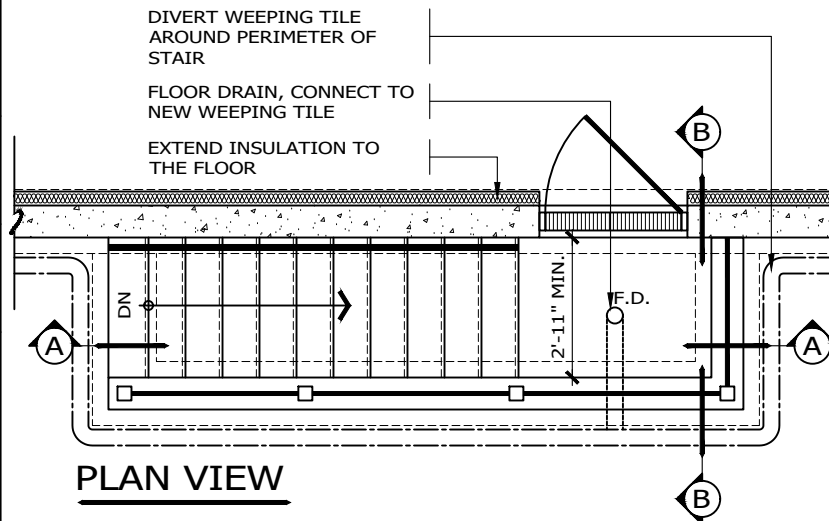
SECTION 'B'

NOTES:

- FOOTINGS**
MIN. 16" x 6" POURED CONCRETE FOOTING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL OR COMPACTED GRANULAR FILL.
- CONCRETE**
MINIMUM COMPRESSIVE STRENGTH OF 35 MPa @ 28 DAYS W/ 5% TO 8% AIR ENTRAINMENT.
- EXTERIOR STAIRS SERVING A SINGLE DWELLING UNIT OR A HOUSE WITH A SECONDARY SUITE.** ALL OTHER STAIRS REFER TO OBC TABLE 9.8.4.1. RISE = 4 15/16" MIN, 7 7/8" MAX
RUN = 10 1/16" MIN, 14" MAX
TREAD = NOT LESS THAN ITS RUN AND MORE MORE THAN ITS RUN PLUS 1"
- RETAINING WALL**
POURED CONCRETE, NO REINFORCING REQUIRED FOR WALL HEIGHTS WITHIN THE LIMITS OF TABLE 1. PROVIDE 25M VERTICAL REINFORCING @16" o.c. IN AN 8" WALL FOR BACKFILL HEIGHTS TO 7'-0" MAX.
- GUARDS**
GUARDS SHALL BE A MINIMUM OF 42" HIGH, EXCEPT A 36" HIGH GUARD IS PERMITTED FOR WALL HEIGHTS LESS THEN 5'-11". GUARD SHALL NOT ALLOW THE PASSAGE OF A 4" DIAMETER SPHERE THROUGH OPENINGS AND BE DESIGNED TO PREVENT CLIMBING. **PROVIDE ENGINEERED SPECIFICATIONS FROM MANUFACTURER.**
- IF CHANGE IN DESIGN**
SUBMIT PROFESSIONAL ENGINEER DESIGN FOR REVIEW PRIOR TO CONSTRUCTION.

TABLE 1

MINIMUM WALL THICKNESS	MAXIMUM WALL HEIGHT WITHOUT REINFORCING
150mm (6")	0.8m (2'-7")
200mm (8")	1.2m (3'-11")
250mm (10")	1.4m (4'-7")
300mm (12")	1.5m (4'-11")



PLAN VIEW