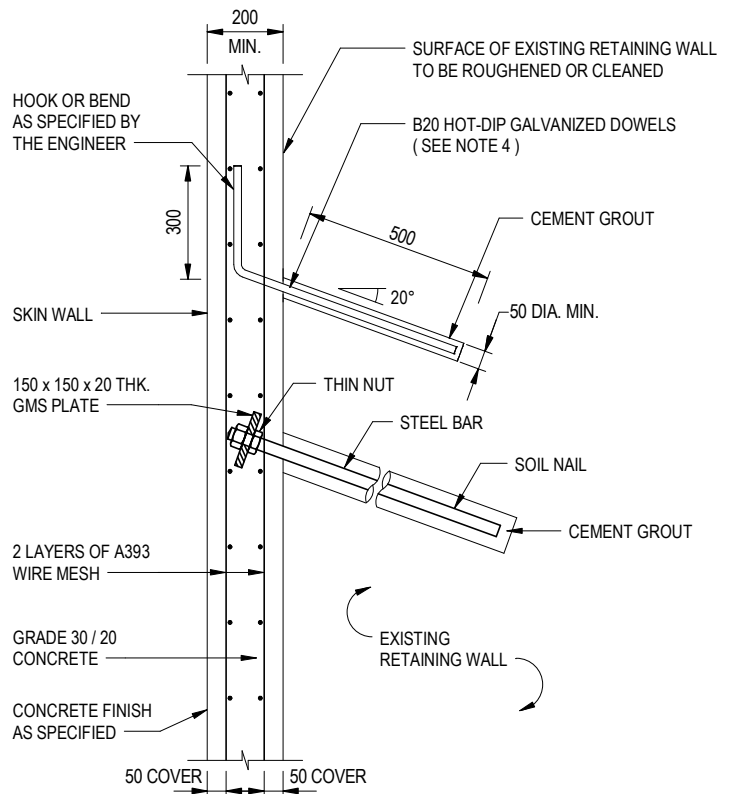


TYPICAL SECTION OF SKIN WALL

SCALE 1 : 50



DETAIL 'A'

SCALE 1 : 20

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. HORIZONTAL WEEPHOLES OF 50 mm DIA. MIN. (NORMALLY 50 mm DIA. PVC PIPES) AT APPROXIMATELY 1.5 m (HORIZONTAL) x 1.5 m (VERTICAL) SPACING SHALL BE PROVIDED THROUGH THE SKIN WALL AND EXISTING RETAINING WALL. IF THERE ARE EXISTING WEEPHOLES AT THE WALL, IT IS IMPORTANT TO ENSURE THAT THE EXISTING WEEPHOLES ARE EXTENDED THROUGH THE SKIN WALL. IF NOT, NEW WEEPHOLES SHALL BE CONSTRUCTED TO BEYOND THE BACK OF THE EXISTING WALL AS INSTRUCTED BY THE ENGINEER.
3. AT ANY TIME, THE MAXIMUM ALLOWABLE LENGTH OF EXCAVATION IN FRONT OF THE EXISTING WALL IS 10 m OR ONE THIRD OF THE WALL LENGTH WHICHEVER IS SMALLER.
4. DOWELS SHALL BE INSTALLED ON THE PORTION OF WALL WITH SOIL NAIL SPACING GREATER THAN 1.5 m AND ON THE WALL PORTION WITHOUT SOIL NAILS. FOR THE WALL PORTION WITH SOIL NAIL SPACING GREATER THAN 1.5 m, THE DOWELS SHALL BE INSTALLED STAGGERLY IN THE SAME SPACING AS THE SOIL NAILS. FOR THE WALL PORTION WITHOUT NAILS THE DOWELS SHALL BE INSTALLED AT 1.5 m c/c BOTH WAYS. EXACT LOCATIONS OF DOWELS SHALL BE CONFIRMED BY THE ENGINEER ON SITE.
5. B DENOTES GRADE 500B RIBBED REINFORCEMENT.

B	BIM OBJECT REVISION.	Original Signed	12.2025
A	BAR NOTATIONS AMENDED.	Original Signed	12.2014
-	NEW ISSUE.	Original Signed	06.2009
REF.	REVISION	SIGNATURE	DATE

TYPICAL DETAILS OF SKIN WALL WITH SOIL NAILS



CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

SCALE AS SHOWN

DRAWING NO.

DATE JUNE 2009

C2520B