

TYPICAL SECTION OF SKIN WALL

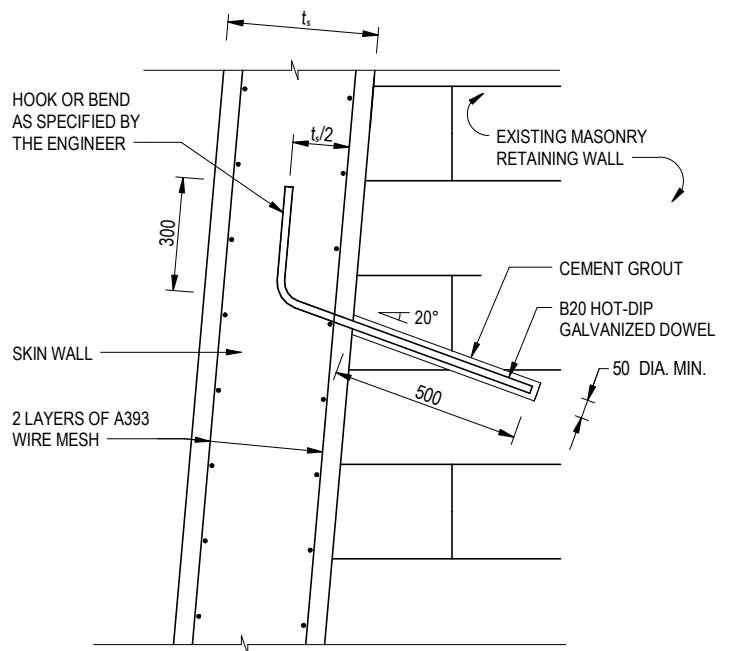
SCALE 1 : 100

LEGEND:

t_s SKIN WALL THICKNESS TO BE SPECIFIED

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. ALL CONCRETE SHALL BE GRADE 30 / 20.
3. MINIMUM CONCRETE COVER TO REINFORCEMENT SHALL BE 50 mm.
4. 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 MASONRY RETAINING WALL. IF THERE ARE EXISTING WEEPHOLES AT THE MASONRY 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 MASONRY WALL.
5. IF DIRECTED BY THE ENGINEER, DRAINAGE CHANNELS SHALL BE PROVIDED ALONG THE CREST OF THE MASONRY WALL. PRESCRIPTIVE RAKING DRAINS SHALL ALSO BE PROVIDED WHERE NECESSARY TO CONTROL TRANSIENT RISES IN GROUNDWATER PRESSURE.
6. AT ANY TIME, THE MAXIMUM ALLOWABLE LENGTH OF EXCAVATION IN FRONT OF THE WALL IS 10 m OR ONE THIRD THE WALL LENGTH WHICHEVER IS SMALLER.
7. B DENOTES GRADE 500B RIBBED REINFORCEMENT.



DETAIL 'A'

SCALE 1 : 20

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 WITHOUT SOIL NAILS



CIVIL ENGINEERING AND
DEVELOPMENT DEPARTMENT

SCALE AS SHOWN

DRAWING NO.

DATE JUNE 2009

C2521B