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FENCE/GUARDRAIL TO BE INSTALLED REFER TO STORY HOMES SITE SPECIFIC BOUNDARY TREATMENT PLANS

COPING TO BE STORY HOMES BRICKS ON EDGE IN A 1:3 MORTAR.

HIGH BOND D.P.C. BENEATH COPING AND WATERPROOFING TO REAR OF WALL TO BE PERMAGUARD PERMASEAL DAMP PROOF PAINT.

STORY HOMES STANDARD BRICK LAID IN CLASS (i) M12 MORTAR, BRICK STRENGTH MINIMUM 35N, BRICK ABSORPTION F2, S2. (TO FRONT FACE). COMMON BRICKS CAN BE USED TO REAR OF RETAINING WALL (SHADED AREA)

75mm Ø u.P.V.C. PIPES AT 1.0m CENTRES, WITH AIR BRICK TO FRONT FACE OF RETAINING WALL, POSITIONED 150mm ABOVE LOWER GROUND LEVEL.

SITE SPECIFIC LAND DRAINAGE TO BE FOLLOWED

THIS FACE TO BE CAST AGAINST THE UNDISTURBED FACE OR TIMBER SHUTTERING.

CONCRETE TO FOUNDATIONS TO BE RC28/35 FOR DC1 GROUND CONDITIONS. FND 1/2/3 FOR HIGHER SULPHATE CONDITIONS.

500mm WIDE STRIP OF TERRAM® FILTER MEMBRANE SHALL BE PLACED HORIZONTALLY AGAINST THE SOIL FACE TO PREVENT SOIL LEACHING THROUGH THE WEEPHOLES.

FENCE/GUARDRAIL TO BE INDEPENDENT OF RETAINING WALL.

(GARDENS / PATHS/ DRIVEWAYS/ROADS)

SULPHATE FREE BACKFILL. REFER TO FENCE POST FIXING DETAIL DRAWING 514 (FENCE POST SET 35mm FROM WALL)

MINIMUM 100mm WIDE FULL HEIGHT BAND OF SINGLE SIZED AGGREGATE HARDCORE AGAINST THE REAR FACE OF THE WALL WITH A VERTICAL TERRAM® FILTER MEMBRANE BETWEEN THE AGGREGATE BAND AND THE FACE OF THE EARTH

FORMATION LEVEL TO APPROVAL OF ENGINEER AND OR LOCAL AUTHORITY, PROOF ROLLED.

GEN 3 MASS CONCRETE FILL, TO BE ADOPTED BELOW PROPOSED FOUNDATION WHERE DEPTH TO SUITABLE BEARING IS BELOW THE MINIMUM PROPOSED FORMATION LEVEL. FOR FURTHER DETAILS REFER TO RELEVANT FOUNDATION PLAN.

450mm RETAINING WALL (TYPE B)

1:20

RETAINING WALL FOUNDATION DIMENSIONS				
SAFE BEARING PRESSURE (kN/m²)	SURCHARGE (kN/m²)	(A) mm	(B) mm	(C) mm
50	10	167	168	550
50	20	267	268	750
75	10	167	168	550
75	20	267	268	750

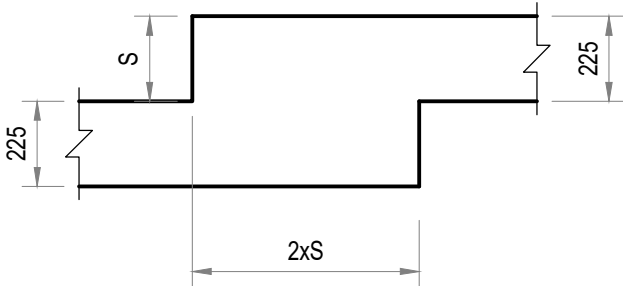
Notes:-

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS, TOGETHER WITH THE PROJECT SPECIFICATION.
- 1 LAYER B785 MESH BOTTOM, 50mm COVER TO BE USED IF VARIABLE STRATA IS ENCOUNTERED.

WALL IS TO BE CONSTRUCTED IN STRETCHER BOND WITH A CONTINUOUS SHEET OF STAINLESS STEEL "EXMET" BED JOINT REINFORCEMENT AT 300 CRS VERTICALLY, PLACED ALONG EVERY LEAF OF BRICKWORK / BLOCKWORK.

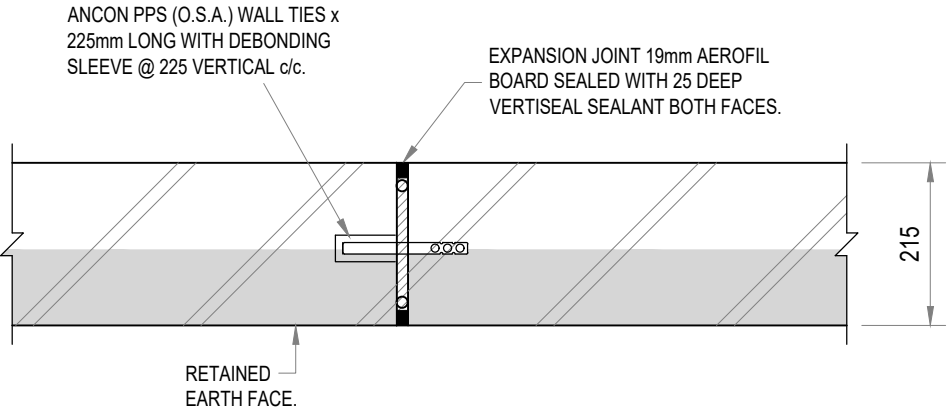
VERTICAL MOVEMENT JOINTS @10m. CENTRES MAXIMUM.

REFERS TO STORY HOMES DETAILS FOR TEMPORARY HANDRAILS. REFER TO STORY HOMES TEMPORARY WORKS REGISTER.



TYPICAL STEP IN FOUNDATION

Scale:- 1:20



PLAN OF BRICK EXPANSION JOINT

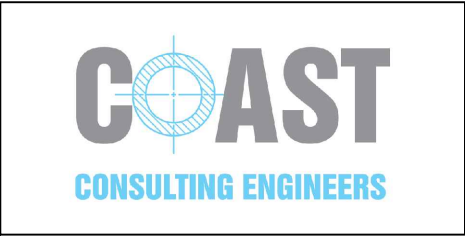
1:10

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Contractors should refer to the residual risks contained in the CDM Pre Construction Information before carrying out any site operations and should not issue parts of this drawing without including the CDM notes and references. This information will include details of the SIGNIFICANT risks which Coast Consulting have considered beyond that which a competent contractor should be aware.

C1	09.10.24	CONSTRUCTION ISSUE	KS
Issue	Date	Description	By



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Client

STORY HOMES LTD

Job Title

STANDARD RETAINING WALLS

Drawing Title

BRICK RETAINING WALL SECTIONS
450mm RETAINED HEIGHT
TYPE B

Scale at A3

1:20, 1:10

Drawing Status

CONSTRUCTION

Drawing No

SD-250-A-002

Issue

C1