

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

FENCE/GUARDRAIL TO BE INDEPENDENT OF RETAINING WALL.

REFER TO FENCE POST FIXING DETAIL DRAWING 514 (FENCE POST SET 35mm FROM WALL)

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)

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

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. 1 LAYER B785 MESH BOTTOM, 50mm COVER. MAIN BARS TO RUN ALONG LENGTH OF FOUNDATION.

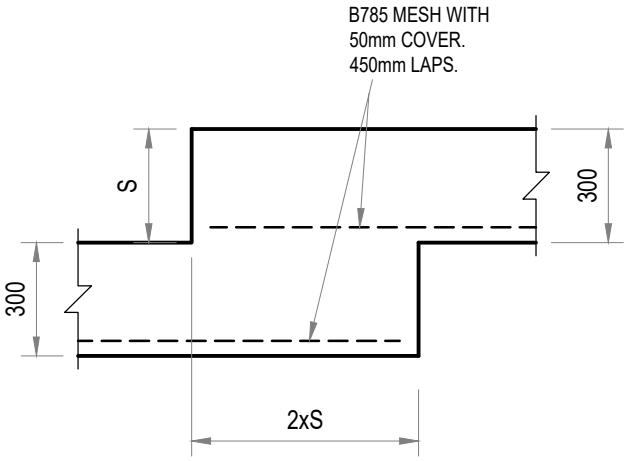
500mm WIDE STRIP OF TERRAM @ FILTER MEMBRANE SHALL BE PLACED HORIZONTALLY AGAINST THE SOIL FACE TO PREVENT SOIL LEACHING THROUGH THE WEEPHOLES.

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.

1200mm RETAINING WALL (TYPE E1)

1:20



TYPICAL STEP IN FOUNDATION

Scale:- 1:20

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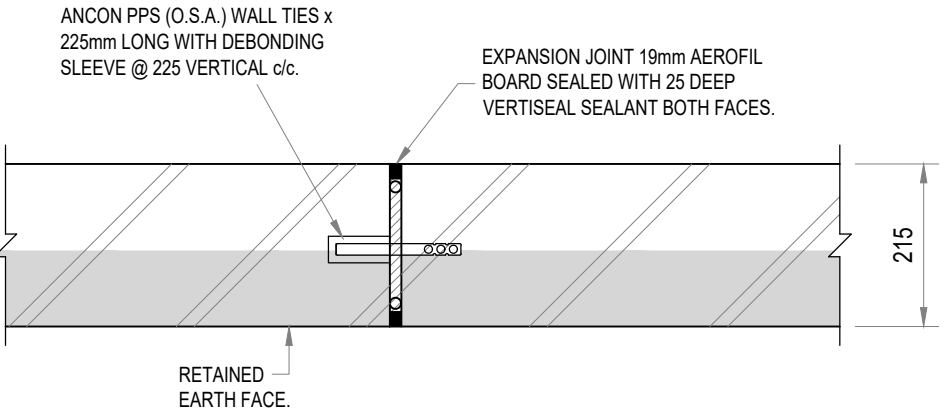
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1200mm RETAINING WALL (TYPE E2)

1:20



PLAN OF BRICK EXPANSION JOINT

1:10

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.

RETAINING WALL FOUNDATION DIMENSIONS				
SAFE BEARING PRESSURE (kN/m²)	SURCHARGE (kN/m²)	(A) mm	(B) mm	(C) mm
50	10	380	380	1200
50	20	372	575	1500
75	10	345	365	1150
75	20	372	525	1450

Only PDF/DWF Issues of this drawing are controlled. All other formats (eg. DWG AutoCAD FILES) are UN-controlled and are used at your own risk.

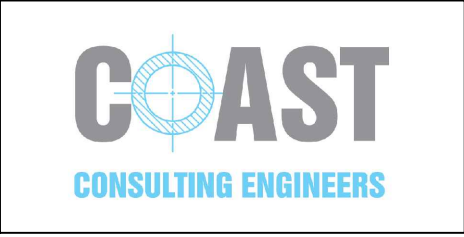
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Notes:-

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS, TOGETHER WITH THE PROJECT SPECIFICATION.

C1	09:10:24	CONSTRUCTION ISSUE	KS	SH	
Issue	Date	Description	By	Chkd	Appd



7 Silvertown Court, Northumberland Business Park, NE23 7RY
0191 5977879

Client

STORY HOMES LTD

Job Title

STANDARD RETAINING WALLS

Drawing Title

BRICK RETAINING WALL SECTIONS
1200mm RETAINED HEIGHT
TYPE E (E1 & E2)

Scale at A2

1:20, 1:10

Drawing Status

CONSTRUCTION

Drawing No

SD-250-A-005

Issue

C1