

MASONRY

All blockwork to be min. 7N dense concrete block, in mortar designation (iii/M4). Below ground mortar to be designation (ii/M6).

Wall ties to be provided in accordance with BS EN 845-1:2013 at max. 900mm horizontal and 450mm vertical centres, staggered in alternate rows. Additional ties are to be provided around all openings at 225mm vertical centres and 150mm max from opening. Ties to be type 2 stainless steel or non-ferrous in areas of severe exposure.

All openings in blockwork to receive bedjoint reinforcement 2no. courses above & below and extend 500mm past each side of opening.

All new masonry to be mechanically tied into existing with stainless steel Furfix starter ties or similar approved. Ties fitted at 450mm vertical ctrs in accordance with Manufacturers specification.

No masonry construction shall be conducted while the temperature is below 4° C on a rising thermometer or 5° C on a falling thermometer.

Lateral restraint straps are required at floor, ceiling joist, rafter or flat roof purl levels in accordance with the provisions in BS EN 1996-2:2006 and Building Regulation requirements at a maximum spacing of 2m.

STONEWORK NOTES

All stonework to be 150mm thick locally sourced natural slate to closely match existing unless stated otherwise.

Mortar joint widths to closely match existing.

Lime - Natural Hydraulic Lime NHL3.5 (Moderately Hydraulic) obtained from:
Cornish Lime Company - 01208 79779 or equal.
Sand - Sand to be approved. A sample panel of stonework should be prepared & fully pointed to be approved prior to construction.

NHL5 lime mortar to form bedding of natural slate coping stone.

Mortar to existing stonework to be re-pointed with 2 volumes of NHL3.5 lime : 5 volumes of approved Sand.

TIMBER

All structural timber to be in accordance with BS EN 14081 and BS EN 336: 2013.

All structural ply to be in accordance with BS EN 314-2: 1993 (bonding quality requirements).

All OSB for structural purposes to be in accordance with BS EN 300: 2006.

All multiple timbers to be bolted together with M12 bolts (grade 4.6) @ 500mm centres unless noted otherwise with 50 x 50 x 3mm washers.

All hangers and mechanical fixings by specialists using the loads included in the calculations. To be installed in accordance with the manufacturers recommendations.

All timber to be suitably treated as required to suit the environment to be used.

All sole plates are to be fixed to steel beam with suitable self tapping fixings or shot fired. Fixed to masonry with 10mm Ø fixings (either plug and screw or resin fix) in accordance with manufacturers details.

Corners to have triple vertical studs bolted together. Additional studs each side to provide fixing for finishes.

All lintels over 1m to receive 2No. 47 x 140mm C16 cripple studs and 2No. 47 x 140mm C16 flanking studs unless noted otherwise.

All lintels under 1m to receive 1No. 47 x 140mm C16 cripple stud and 1 No. 47 x 140mm C16 flanking stud unless noted otherwise.

All sheathing to be fixed with 3.1mm dia. round wire nails minimum 50mm length at 150mm ctrs.

GENERAL NOTES

This drawing is to be read in conjunction with all other relevant Specialist drawings, details and the relevant Health and Safety Plan (as appropriate).

DO NOT set out from this drawing. Check all dimensions and consult Engineer if any queries arise. Do not scale from drawings.

All dimensions to be checked on site. All details and dimensions relating the sub-contractors or suppliers work must be checked and agreed between the subcontractors or supplier and the general contractor.

Works to comply with current Codes of Practice, Eurocode, British Standards and Building Regulations.

Contractor to provide all necessary vertical and lateral restraint strapping in order to comply with The Building Regulations.

Temporary Stability - Contractor to provide all necessary temporary propping to safely undertake the works.

Roof and Trimming - Design of roof structure, trimmers and connections to be prepared by suitably qualified persons prior to construction.

Party Wall - Works come under the Party Wall Etc. Act 1996. All appropriate notices and awards should be issued prior to work taking place.

CONCRETE

All concrete to be specified in accordance with BS 8500:2015 parts 1 and 2, and BS EN 206:2013.

Unless detailed and scheduled the contractor is to provide all necessary reinforcement spacer chairs.

All concrete to be RC32/40 concrete, unless stated otherwise.

All shuttering to shutter concrete to others details.

Plain concrete in foundations shall be placed in direct contact with the bottom of the excavation, the concrete being deposited in such a manner as not to be mixed with the earth.

The bottom of excavations for reinforced concrete works shall be covered with a blinding layer of C30/37 GEN 1 concrete not less than 50mm thick with a smooth surface.

No concrete shall be mixed or placed while the temperature is below 1° C on a rising thermometer or 2° C on a falling thermometer.

Newly placed concrete shall be protected by approved means from frost, rain, sun and drying winds.

All reinforcement to have minimum 40mm cover, 50mm to underside, unless stated otherwise.

Detailing of day work/construction joints by groundworks contractor. Positions to be agreed with engineer.

Bar annotation as set out below:

T1 T2
B1 B2

Abbreviations:

T1/2 = Top Face (T1=Outer Layer, T2=Inner Layer)
B1/2 = Bottom Face (B1=Outer Layer, B2=Inner Layer)
NF = Near Face (N1=Outer Layer, N2=Inner Layer)
FF = Far Face (F1=Outer Layer, F2=Inner Layer)
EF = Each Face; AB = Alternative Bars;
STG = Staggered Bars;
ABR = Alternate Bars Reversed

Services are not expected to exceed 150mm diameter and are to be suitably sleeved through reinforced concrete elements. Bars may be locally displaced to accommodate this.

All reinforcement to have minimum lap lengths set out below:

H10 - 400mm
H12 - 480mm
H16 - 640mm
H20 - 800mm
H25 - 1000mm
H32 - 1280mm

Reinforcement to be inspected & approved by the Engineer before concrete casting commences (min 24 hour notice).

Concrete shall be placed and fully compacted to avoid cold joints, honeycombing and to minimise segregation, excessive blemishes or other defects in the concrete.

Designers Risk Assessment:

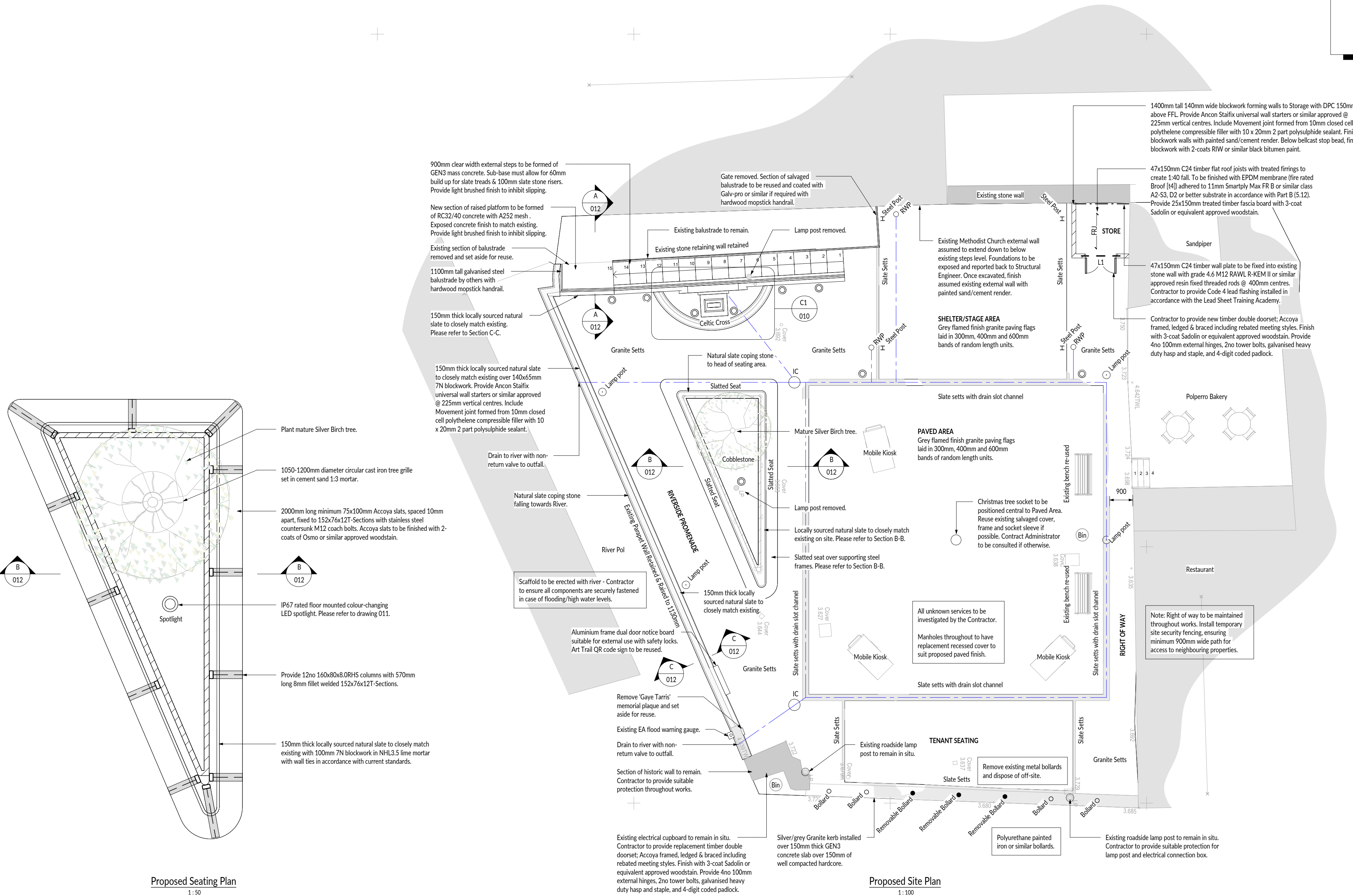
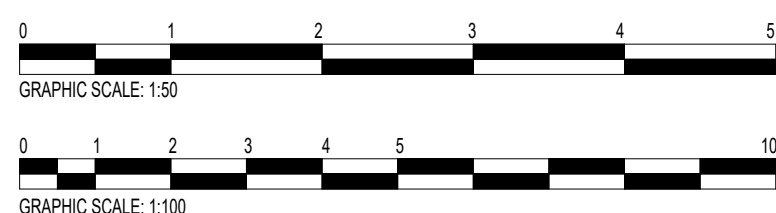
- Installation of heavy beams - Mechanical aids should be employed if required when installing beams.
- Temporary Support - The contractor is to provide all necessary temporary propping to safely undertake the work and maintain structural stability, including sides of excavations for sub structure and retaining elements.
- Confirmation of Structural Layout - The assumptions made within the calculations and drawing should be confirmed on site, prior to commencement of works. Any differences should be discussed with Structural Engineer, in order to check calculations.
- Working at height - Suitable scaffold to be provided in order to carry out works safely.
- Asbestos - Any suspected Asbestos containing materials should be tested and removed by specialist contractor in accordance with HSE guidance.

TENDER

Revision: Date: Author: Description:
PR1 22.01.2024 JAT PRELIMINARY ISSUE FOR COMMENT
TE1 01.02.2024 JAT AMENDMENTS TO SCHEME AS OUTLINED IN ISSUE EMAIL

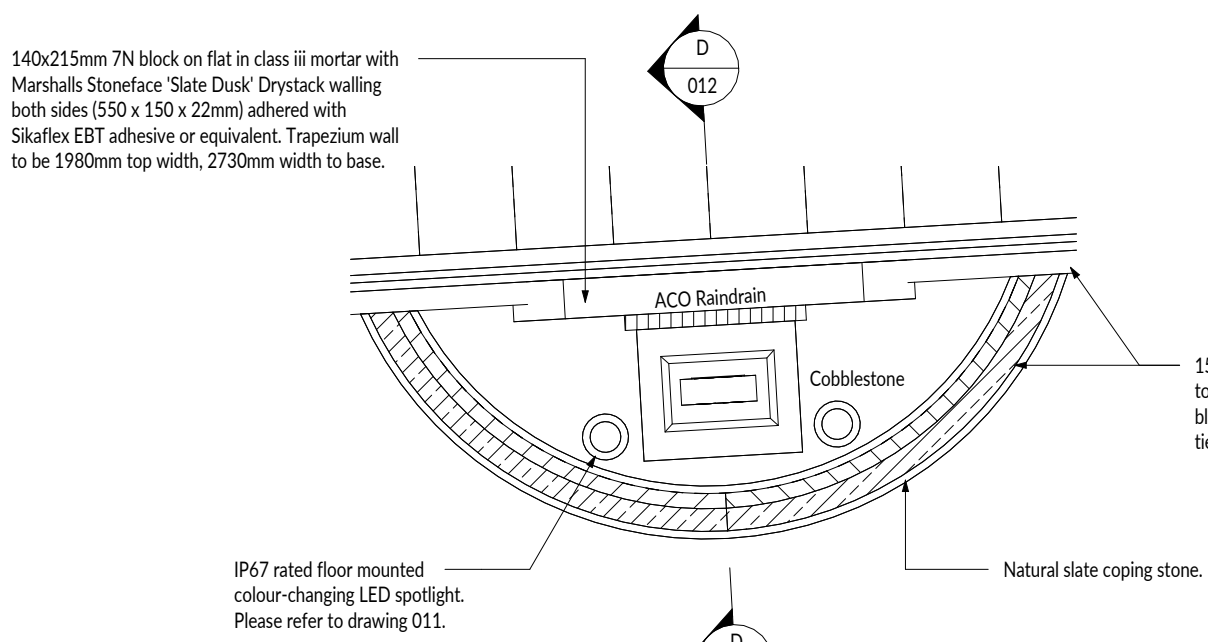
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MRS L STOREY
BIG GREEN, POLPERRO
PROPOSED SITE PLAN
Scales: As indicated @ A1
Project No: 23521
Drawing No: 010
Revision: JAT MWP
TE1



Proposed Seating Plan
1:50

Proposed Site Plan
1:100



Proposed Site Plan - Callout 1
1:50