

LEGEND:

GW17 GROUND FLOOR WINDOW 17

GW18 GROUND FLOOR WINDOW 18

BASE OF WALL EXPOSED, PATCH REPAIRED AND UNDERPINNED ONLY WHERE UNDERMINED BY IVY / ROOT BALLS (ON REAR FACE AS NECESSARY - IN 900MM SECTION LENGTHS. EXTENT TO BE AGREED ON SITE UPON INSPECTION).

ALL DATUMS TAKEN FROM LASER SCAN, ACCURACY TO BE CHECKED ON SITE. NEW / REPAIRED LINTELS, CILLS AND CAPPINGS SHOULD BE POSITIONED TO ALIGN WITH THE SURROUNDING STRUCTURE WHICH MAY NOT BE PERFECTLY TRUE OR PLUMB DUE TO THE SETTLEMENT OF THE EXISTING STRUCTURE. SEVERE ANOMALIES TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR INSTRUCTION. SEE DRAWING EW(0)01 FOR PROPOSED GROUND LEVEL DATUMS.

PHILOSOPHICAL APPROACH

THIS FAÇADE HAS SUFFERED FROM EXTENSIVE UNCONTROLLED COLLAPSE OVER THE YEARS AND THE STRUCTURAL INTEGRITY OF THE REMAINING ELEMENTS IS SIGNIFICANTLY COMPROMISED. ON THE BASIS THAT REPRESENTATIVE SAMPLES OF THE VARIOUS BUILDING ELEMENTS ARE PRESERVED ELSEWHERE IT IS PROPOSED THAT MISSING OR COLLAPSED SECTIONS ARE NOT REINSTATED AND UNSTABLE REMNANTS ARE REMOVED. THE EXISTING MASONRY WILL BE REDUCED IN HEIGHT TO A LOGICAL POINT WHERE IT IS MORE STRUCTURALLY VIABLE AND CAN BE WEATHERED EFFECTIVELY IN ORDER THAT DECAY AND FURTHER COLLAPSE CAN BE ARRESTED AND THE RUIN CONSOLIDATED. STONES TAKEN DOWN WILL BE LEFT ON SITE ADJACENT TO WHERE THEY CAME FROM. A PHOTOGRAPHIC RECORD IS TO BE MADE OF THE STRUCTURE AS IT CURRENTLY STANDS PRIOR TO DISMANTLING.

LABELLING LEGEND

A: NO WORK REQUIRED

B: STONE RE-DRESSED IN SITU - NBS CLAUSES C41X / 450 - 458

C: STONE LOCALLY REPAIRED - NBS CLAUSES C41X / 510 - 692

D: STONE REPLACED WITH NEW - NBS CLAUSES C41X / 310 - 420

STONEMWORK TO BE GENERALLY REPOINTED IN ACCORDANCE WITH THE SPECIFICATION NBS CLAUSES C41X / 810 - 860

Brick Repairs Below Ground:

Brick repairs below ground extending to 225mm above ground level

Type: Engineering quality in accordance with BS EN 771-3:2011 & BS 5628 Pt3: 2005

Minimum Compressive Strength > 50 N/mm² (Engineering Type B)

Water absorption (average) < 7%

Frost Resistance Type FN / FL

Brick Repairs Generally:

Type: Dense solid coursing (stock brick) in accordance with BS EN 771-3:2011 & BS 5628 Pt3: 2005

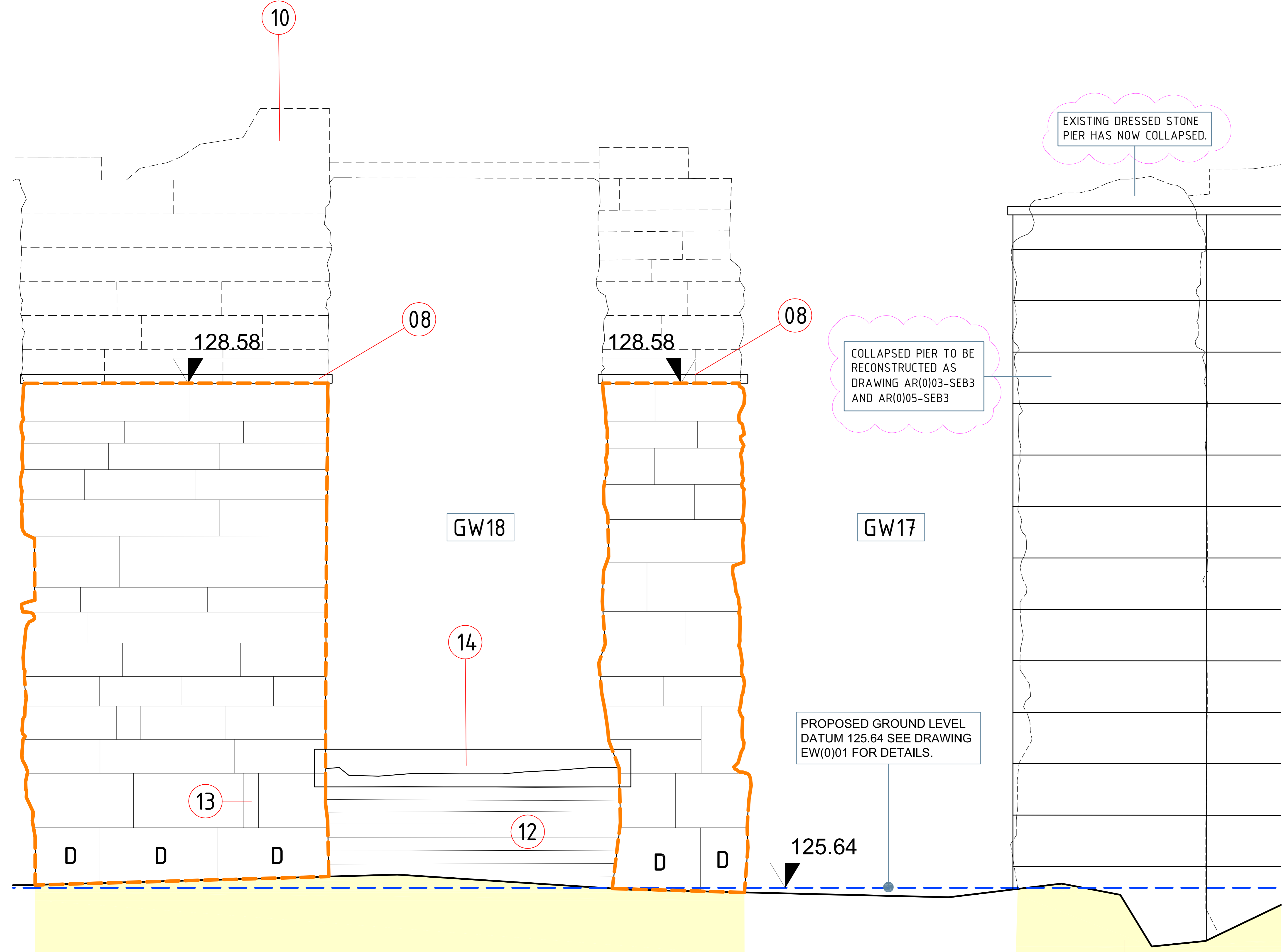
Minimum Compressive Strength > 22.5 N/mm²

Water absorption (average) < 16%

Frost Resistance Type MN / ML

- SEB4 INTERNAL WORKS:**
- 01 GENERALLY REMOVE ALL REMNANTS OF VEGETATION.
 - 02 AREA OBSCURED BY REMAINING VEGETATION AND SCAFFOLD PLANKS. ASSUME CATEGORY B REPAIR REQUIRED.
 - 03 CARRY OUT CATEGORY B REPAIRS - LIGHTLY DRESS EXISTING STONES IN-SITU
 - 04 CARRY OUT CATEGORY C REPAIRS - REPAIR DAMAGED OR HEAVILY ERODED STONES USING REINFORCED STONE REPAIR SYSTEM AS REQUIRED, SEE NBS.
 - 05 CARRY OUT CATEGORY D REPAIRS - CUT OUT STONES CONSIDERED TO BE TOO BADLY DAMAGED OR ERODED FOR REPAIR AND REPLACE WITH NEW TO ORIGINAL PROFILE. REPLACE MISSING STONES WITH NEW TO MATCH ORIGINAL PROFILE.
 - 06 GENERALLY REPOINT ELEVATION WITH LIME MORTAR.
 - 07 CAREFULLY REMOVE AND REINSTATE AFTER A LIGHT DRESSING ORIGINAL WINDOW SURROUND STONES. EMPLOY STAINLESS STEEL CRAMPS , DOWELS AND HELICAL FIXINGS TO SECURE STONES IN PLACE.
 - 08 NEW CAPPING OF LEAD CLAD PAVING SLABS INSTALLED IN ACCORDANCE WITH DRAWING AR(0)08 SEB4
 - 09 HOLES IN STONE ASSUMED TO HAVE BEEN WHERE RAINWATER GOODS WERE FIXED FILLED.
 - 10 STONES REMOVED PERMANENTLY.
 - 11 IRONWORK REMNANTS TO BE REMOVED.
 - 12 BRICK INFILL CHECKED FOR SOUNDNESS. ANY HEAVILY ERODED OR DISINTEGRATING BRICKS CUT OUT AND REPLACED. UNDAAGED AND LIGHTLY DAMAGED BRICKS DRESSED AND REPOINTED AS REQUIRED.
 - 13 BRICK PATCHES REPLACED WITH NEW STONEMWORK TO MATCH EXISTING PROFILES.
 - 14 NEW STONE CILL INSTALLED TO MATCH EXISTING. ENSURE TOP OF WALL BELOW IS FULLY PROTECTED FROM MOISTURE PENETRATION.
 - 15 BRICKWORK IN VERY POOR CONDITION REMOVED. BRICKWORK BELOW CILL REBUILT IN NEW APPROVED BRICK TO LEVEL SUITABLE FOR SUPPORTING CILL.
 - 16 GENERALLY REMOVE ALL REDUNDANT IRONWORK AND FILL HOLES LEFT WITH LIME MORTAR FOR SMALL HOLES. DISCUSS REPAIR METHOD FOR LARGER AREAS OF DAMAGE WITH ARCHITECT.

ALL STONES TO BE NUMBERED AND CATALOGUED PRIOR TO PIER BEING CAREFULLY TAKEN DOWN TO GROUND LEVEL. PIER TO BE RECONSTRUCTED TO DATUM SHOWN USING SALVAGED STONES DEEMED ACCEPTABLE FOR RE-USE (WITH RE-DRESSING) IN ORIGINAL UN-DISPLACED POSITIONS. STONES CONSIDERED TO BE TOO BADLY DAMAGED OR ERODED FOR REPAIR REPLACED WITH NEW TO ORIGINAL PROFILE.



Contractor to check all dimensions and report errors and omissions to the Architect / Contract Administrator

The Contractor is responsible for all setting out

Foured dimensions to take precedence over scale

Do not scale from this drawing

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Revision

No.	DATE	NOTE
A	JAN 21	Datums added, brick specs added
B	MAY 21	Works to free-standing piers updated