

LEGEND:

GW16 GROUND FLOOR WINDOW 16

GW21 GROUND FLOOR WINDOW 21

GD03 GROUND FLOOR DOOR 03

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.

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.

SEB3 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 SEB3
- 09 NOT ON THIS DRAWING..
- 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. UNDAUNTED 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 STONE EMBEDDED IN WALL BUILT BACK IN TO NEW WORK.
- 17 LOW WALL MADE GOOD USING NEW APPROVED BRICKS AS REQUIRED. LIME MORTAR BENCHING APPLIED TO TOP OF WALL.
- 18 LOOSE DEBRIS AND MASONRY REMOVED TO A SOUND LEVEL.
- 19 LIME MORTAR FILLETS EMPLOYED TO WEATHER PIER TOP.

COLLAPSED PIER TO BE RECONSTRUCTED TO DATUM SHOWN USING SALVAGED STONES DEEMED ACCEPTABLE FOR RE-USE (WITH LIGHT DRESSING) IN ORIGINAL UN-DISPLACED POSITIONS. STONES CONSIDERED TO BE TOO BADLY DAMAGED OR ERODED FOR REPAIR REPLACED WITH NEW TO ORIGINAL PROFILE.

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.

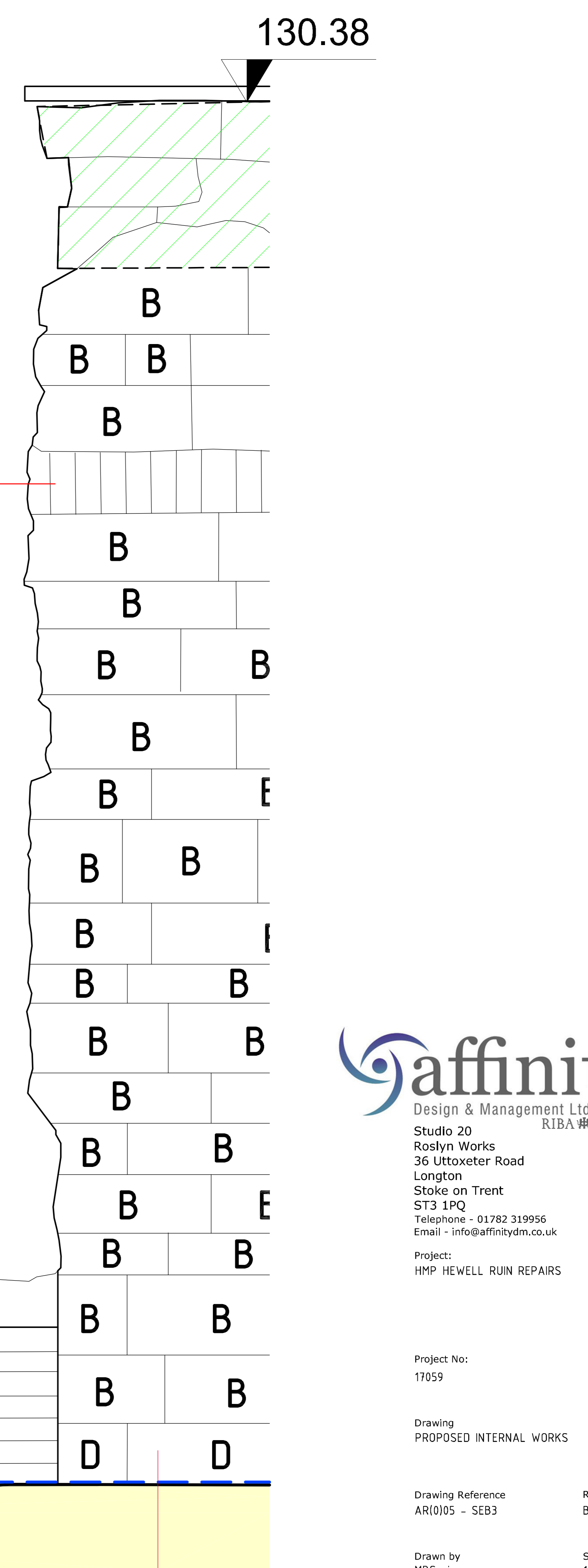
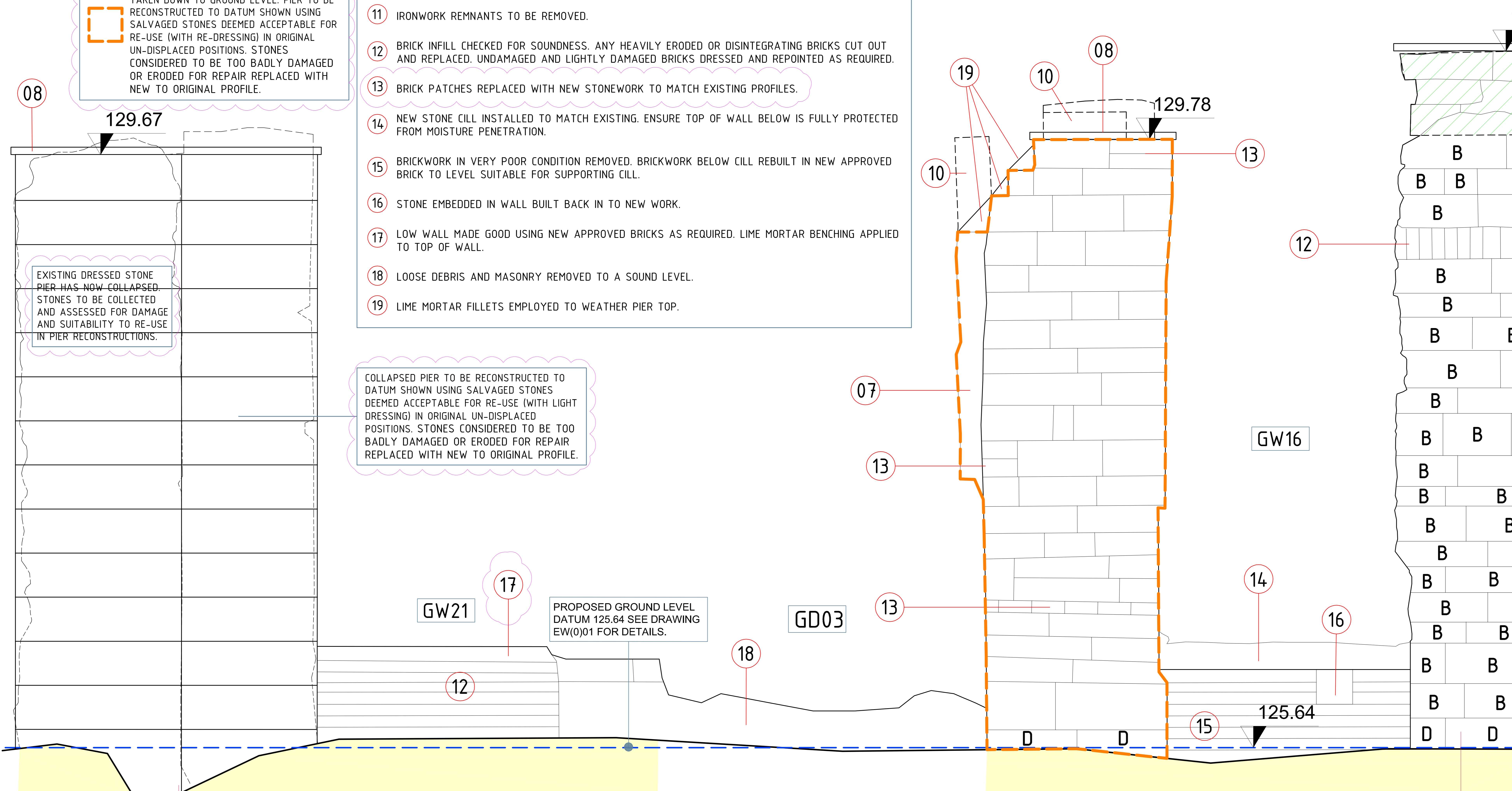
LABELLING LEGEND

- 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



Contractor to check all dimensions and report errors and omissions to the architect / Contract Administrator
The Contractor is responsible for all setting out
Engineered dimensions to take precedence over scale
Do not scale from this drawing
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Revision
No. DATE NOTE
A JAB/21 Datums added, brick spec added, capping level amended
B MAY 21 Works to free-standing piers updated

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17059
Drawing Reference
AR(0)05 - SEB3
Revision
B
Drawn by
MBS/cv
Scale
1:10@A0
Date
NOV 20

SEB3: PROPOSED INTERNAL ELEVATION
SCALE 1:10 @ A0