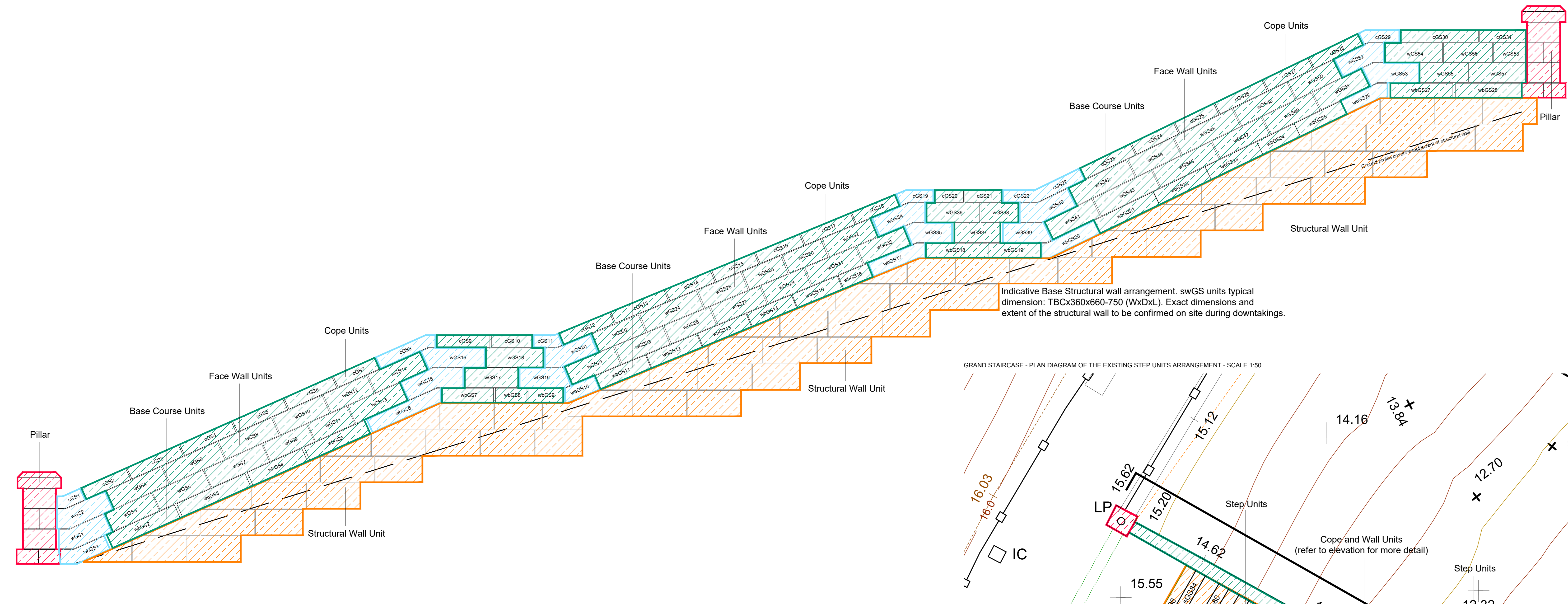


PLAN VIEW OF THE GRAND STAIRCASE - EAST BALUSTRADE WALL ELEVATION (LOOKING WEST) - SCALE 1:25



LOCATION PLAN - SCALE 1:1000

LEGEND

NOTES:
For further detail information on the Grand Staircase, refer to:
Grand Staircase Existing Condition: Units Dimensions Schedule 5442-LDA-00-ZZ-DR-L-8206
Grand Staircase Proposed Arrangement 5442-LDA-00-ZZ-DR-L-8208
Conservation Statement and Addendum 5442-LDA-00-XX-RT-Z-9006
Existing and Proposed Layout 5442-LDA-00-ZZ-DR-L-1002 to 1005
Landscape Levels 5442-LDA-00-ZZ-DR-L-1006 to 1009

KEY 1:50

- Stone elements suitable for reuse in the proposed realignment of the Grand Staircase
- Stone elements suitable for reuse in the proposed realignment of the Grand Staircase that require to be reshaped to be included, if possible to be cut to suit new arrangement
- Stone elements not suitable for reuse in the proposed realignment of the Grand Staircase (potential for reuse elsewhere in the proposals)
- Stone elements not suitable for reuse in the proposed realignment of the Grand Staircase nor elsewhere within the proposals

UNITS CODING SYSTEM:

- sgS: Step unit / Grand Staircase
- cGS: Cope unit / Grand Staircase
- wGS: Wall unit / Grand Staircase
- swGS: Base course unit / Grand Staircase
- swGS: Structural Wall base unit / Grand Staircase

GRAND STAIRCASE - EAST BALUSTRADE WALL ELEVATION DIAGRAM (LOOKING WEST) OF THE EXISTING STONE UNITS ARRANGEMENT - SCALE 1:25

PROPOSED GRAND STAIRCASE - DESIGN INTENT

Full extent of the historic Grand Staircase to be carefully taken down/ris-mounted and all component parts taken to storage and sorted into like type elements for future re-use.

Site dimensions, by LDA Design are best approximation due to existing condition of elements, joints and accumulation of debris.

The site dimensions have been used to determine the proposed principles and extent of re-use.

Final dimensions and number of reusable units to be confirmed by the Contractor, after component parts have been sorted, cleaned and dressed, prior to proceeding with any works connected with the reconfiguration of the Grand Staircase.

All stone elements to be carefully photographed and individually numbered/scheduled, as downtakings proceed, prior to careful removal to storage, at a location to be agreed with ACC.

Reconstruction of the new Grand Staircase will use a combination of re-used and new stone as indicated on drawing 5442-LDA-00-ZZ-DR-L-8208.

Sections and elevations showing the new arrangement including new and re-used elements to be prepared by the Contractor, once validation of the exact quantities and dimensions of salvaged stone is available.

ADDITIONAL NOTES:

STEP UNITS
Historical movement evident by cracking of landing slabs and stair granite treads.

The measured survey shows a variety of dimensions across the steps; in particular the depth of the units are not consistent. Unit sizes are typically 140mm rise, but many are 130mm rise.

A number of steps are particularly worn and uneven, with some roughly cropped to suit the required dimensions.

Joint sizes are significantly uneven and irregular, and not consistent with clear evidence of re-pointing having been undertaken on a number of occasions.

Following the visual and measured surveys the recommendation is that the new step units are to be constructed from new stone to ensure consistent and compliant sizes.

COPE UNITS
The measured survey has indicated that there should be sufficient cope units, from the existing Grand Staircase, that can be re-used for three new flights of stairs (Flights 3, 4 and 5).

The cope units for the three other flights will be formed from salvaged balustrade cope units e.g. Rosemount Plaza (Flights 1, 2 and 6).

FACING WALL UNITS
The measured survey has indicated that there should be sufficient wall units, from the existing Grand Staircase, that can be re-used for four new flights of stairs (Flights 2, 3, 4 and 5).

The remaining two flights will require the walls to be constructed from new stone, to match the existing (Flights 1 and 6).

BASE COURSE UNITS
The measured survey has indicated that there should be sufficient base course units, from the existing Grand Staircase, that can be re-used for three new flights of stairs (Flights 3, 4 and 5).

The remaining three flights will require the base courses to be constructed from new stone, to match the existing (Flights 1, 2 and 6).

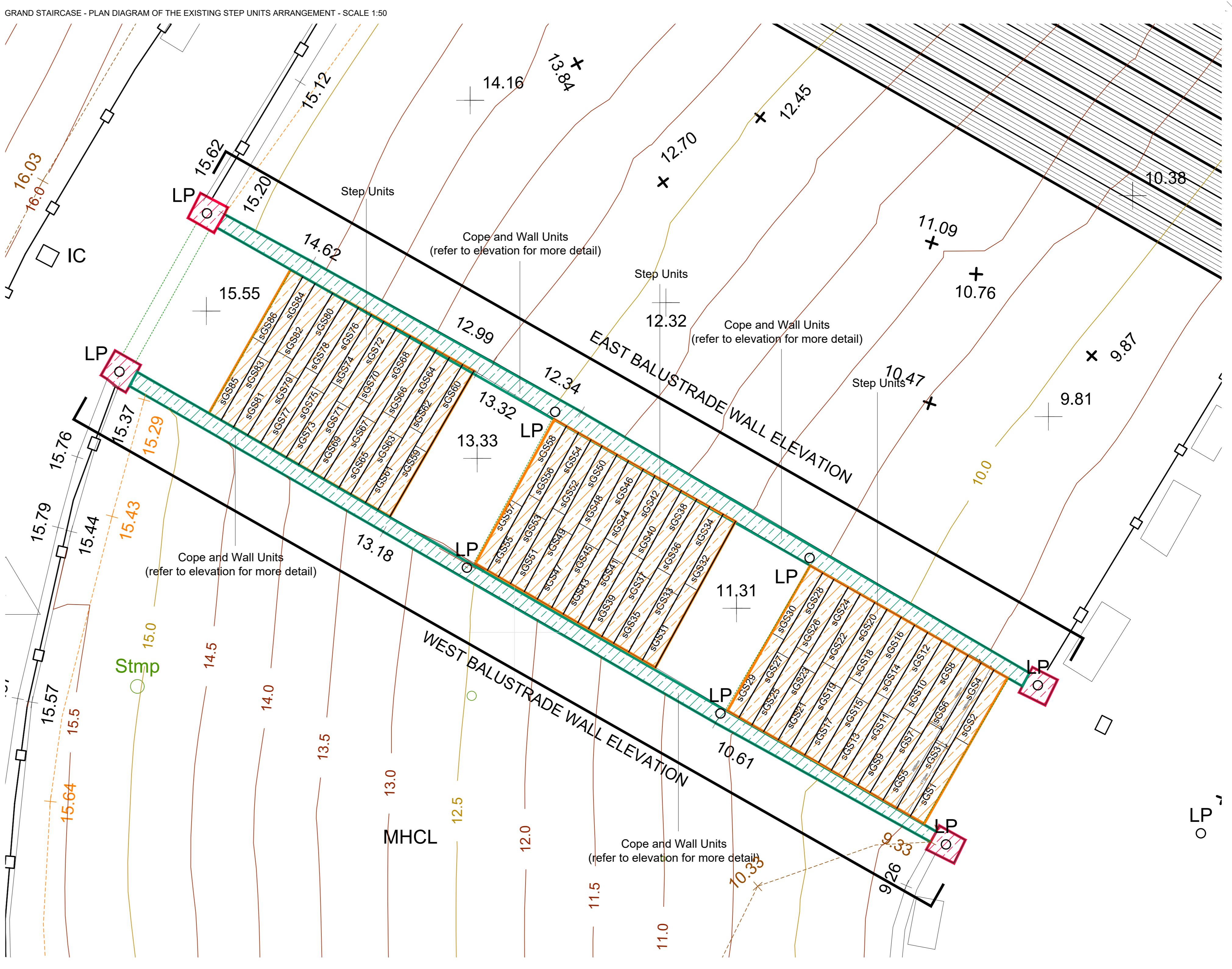
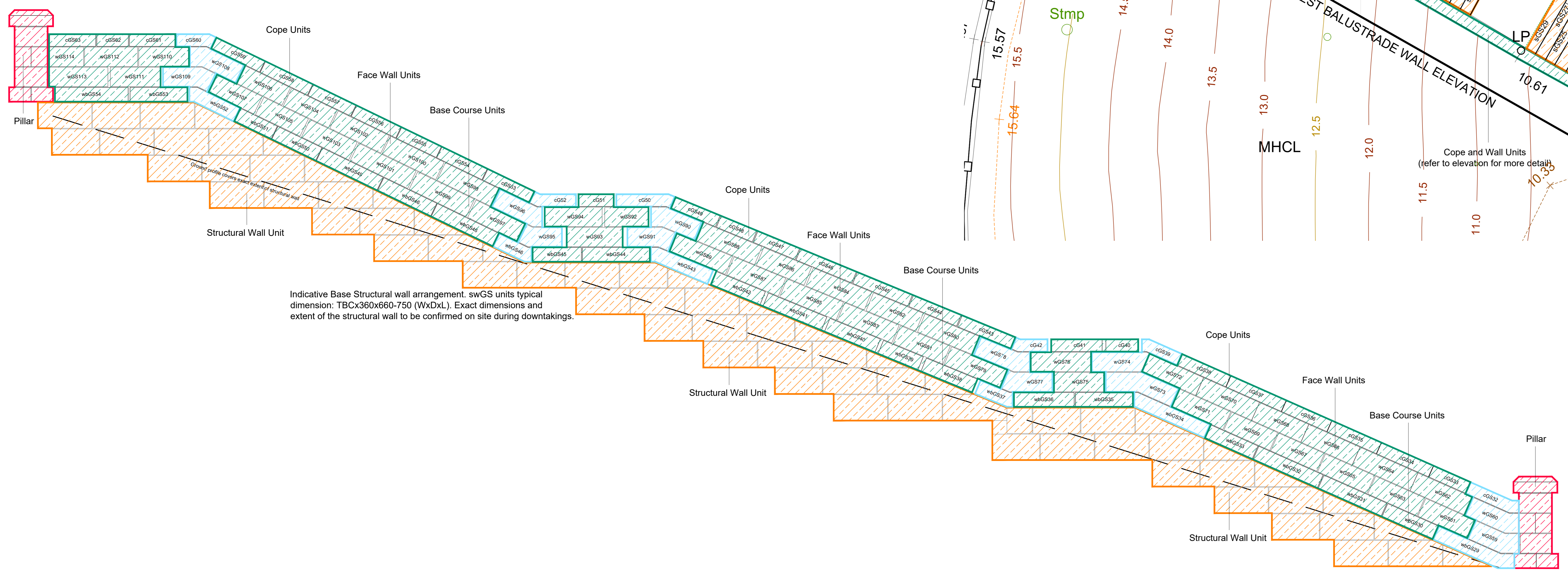
PILLARS
All the stone pillars will require to be constructed from new stone. Colour and finish to be confirmed.

STRUCTURAL WALL STONE
The stone forming the structural base of the Grand Staircase is not required for the reconfiguration of the new staircase.

The proposed ground/levels will be graded to follow the new staircase profile.

The existing wall stone could be considered for potential reuse, if appropriate.

GRAND STAIRCASE - WEST BALUSTRADE WALL ELEVATION DIAGRAM (LOOKING WEST) OF THE EXISTING STONE UNITS ARRANGEMENT - SCALE 1:25



READ THIS FIRST

Note for Contractors
This drawing should be considered along with the risk information contained in the CDM Pre-Construction Information. This information will include details of the SIGNIFICANT risks which LDA Design has identified which may arise from constructing that design shown on this drawing. A Competent Contractor should be aware of the typical risks associated with doing this work.

Note for Workers
DO NOT START WORK UNLESS you know the Risks and Controls relating to the work on this drawing (including SAFE SEQUENCES OF WORK AND EQUIPMENT).

Do not issue copies of parts of this drawing without the above Note for Workers (unless you are sure that the Workers can undertake the work safely).

C1	CONSTRUCTION ISSUE (as issued for Planning)	RW	01.09.2020
	PLANNING ISSUE (pre-works under drawing number 5442-LDA-00-ZZ-DR-L-8207 Grand Staircase)		
REV.	DESCRIPTION	DATE	DATE
	Existing Condition: Suitability for Reuse	01.11.19	
		APPROVED	KT

LDADesign

PROJECT TITLE
UNION TERRACE GARDENS

DRAWING TITLE
Grand Staircase
Existing Condition: Suitability for Reuse

ISSUED BY Glasgow T: 0141 222 9780
DATE Oct 2019 DRAWN MGJ
SCALE/AD As shown CHECKED RW
STATUS Construction APPROVED KT

DWG. NO 5442-LDA-00-ZZ-DR-L-8209-C

No dimensions are to be scaled from this drawing.
All dimensions are to be checked on site.
Area measurements for indicative purposes only.
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Source: Ordnance Survey