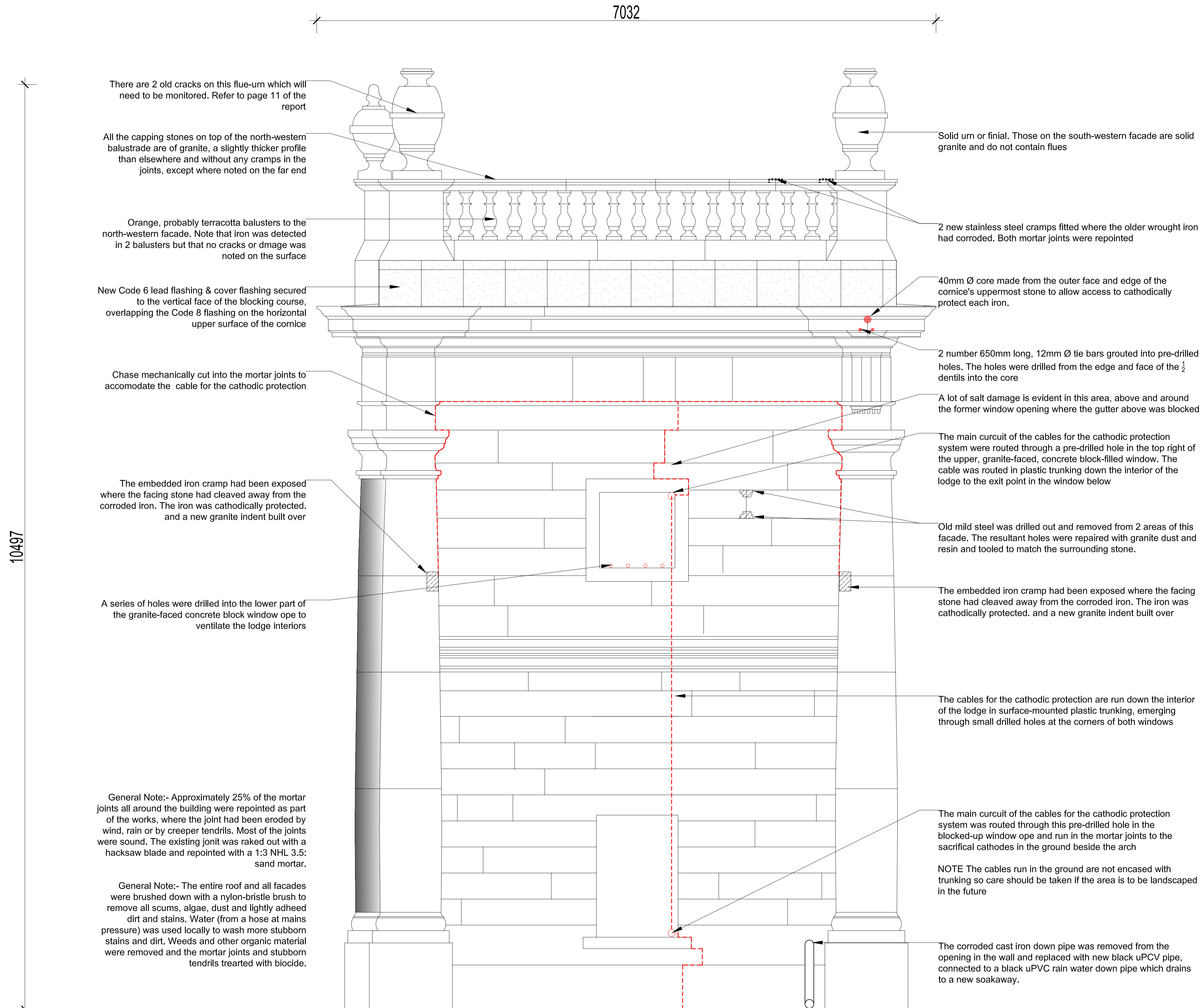


NOTES:-

1. USE FIGURED DIMENSIONS ONLY - DO NOT SCALE
2. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION



There are 2 old cracks on this flue-urn which will need to be monitored. Refer to page 11 of the report

All the capping stones on top of the north-western balustrade are of granite, a slightly thicker profile than elsewhere and without any cramps in the joints, except where noted on the far end

Orange, probably terracotta balusters to the north-western facade. Note that iron was detected in 2 balusters but that no cracks or damage was noted on the surface

New Code 6 lead flashing & cover flashing secured to the vertical face of the blocking course, overlapping the Code 8 flashing on the horizontal upper surface of the cornice

Chase mechanically cut into the mortar joints to accommodate the cable for the cathodic protection

The embedded iron cramp had been exposed where the facing stone had cleaved away from the corroded iron. The iron was cathodically protected, and a new granite indent built over

A series of holes were drilled into the lower part of the granite-faced concrete block window opening to ventilate the lodge interiors

General Note:- Approximately 25% of the mortar joints all around the building were repointed as part of the works, where the joint had been eroded by wind, rain or by creeper tendrils. Most of the joints were sound. The existing joint was raked out with a hacksaw blade and repointed with a 1:3 NHL 3.5: sand mortar.

General Note:- The entire roof and all facades were brushed down with a nylon-bristle brush to remove all scums, algae, dust and light adhesion dirt and stains. Water (from a hose at mains pressure) was used locally to wash more stubborn stains and dirt. Weeds and other organic material were removed and the mortar joints and stubborn tendrils treated with biocide.

7032

10497

Solid urn or finial. Those on the south-western facade are solid granite and do not contain flues

2 new stainless steel cramps fitted where the older wrought iron had corroded. Both mortar joints were repointed

40mm Ø core made from the outer face and edge of the cornice's uppermost stone to allow access to cathodically protect each iron.

2 number 650mm long, 12mm Ø tie bars grouted into pre-drilled holes. The holes were drilled from the edge and face of the 1/2 dentils into the core

A lot of salt damage is evident in this area, above and around the former window opening where the gutter above was blocked

The main circuit of the cables for the cathodic protection system were routed through a pre-drilled hole in the top right of the upper, granite-faced, concrete block-filled window. The cable was routed in plastic trunking down the interior of the lodge to the exit point in the window below

Old mild steel was drilled out and removed from 2 areas of this facade. The resultant holes were repaired with granite dust and resin and tooled to match the surrounding stone.

The embedded iron cramp had been exposed where the facing stone had cleaved away from the corroded iron. The iron was cathodically protected, and a new granite indent built over

The cables for the cathodic protection are run down the interior of the lodge in surface-mounted plastic trunking, emerging through small drilled holes at the corners of both windows

The main circuit of the cables for the cathodic protection system was routed through this pre-drilled hole in the blocked-up window opening and run in the mortar joints to the sacrificial cathodes in the ground beside the arch

NOTE The cables run in the ground are not encased with trunking so care should be taken if the area is to be landscaped in the future

The corroded cast iron down pipe was removed from the opening in the wall and replaced with new black uPVC pipe, connected to a black uPVC rain water down pipe which drains to a new soakaway.

NORTH-WEST ELEVATION
SCALE: 1:25 (A1 page)

No.	DATE	REVISION

Comhairle Contae Átha Cliath Theas
South Dublin County Council
 ARCHITECTS' DEPARTMENT
 COUNTY HALL, TALLAGHT, DUBLIN 24
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 COUNTY ARCHITECT
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CLIENT:

PROJECT TITLE:
 ESSENTIAL REPAIRS & CONSERVATION OF THE
 ROMAN ARCH,
 DODDER PARK ROAD,
 RATHFARNHAM,
 DUBLIN
 PROJECT STAGE: POST SUBSTANTIAL COMPLETION

DRAWING TITLE:
 AS-BUILT DRAWINGS
 NORTH-WEST ELEVATION

SENIOR ARCHITECT: PATRICK DE ROE

PROJECT ARCHITECT: FEARGAL Ó SULLLEIGHÁIN

DRAWN: SS & FS CHECKED:

SCALE: 1:25 (A1 420x page) 1:50 (A3 420x page) DATE: SEP 2010

DRAWING NUMBER: 2009-008-I-28 REV: