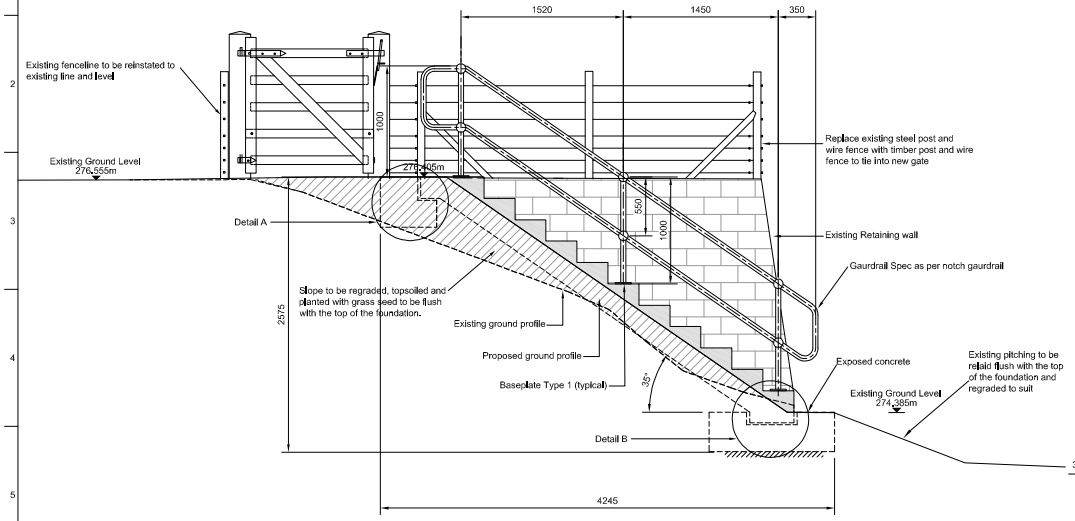
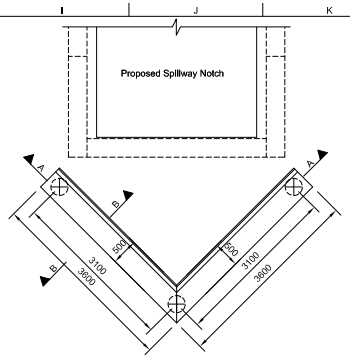


Cross Section 2 - 2

Scale 1:25

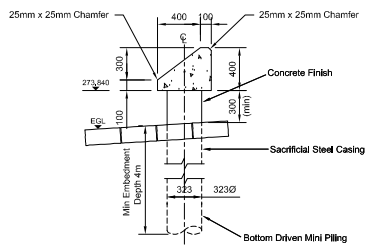
Note:

Baseplate BP1 to be used on stair posts.



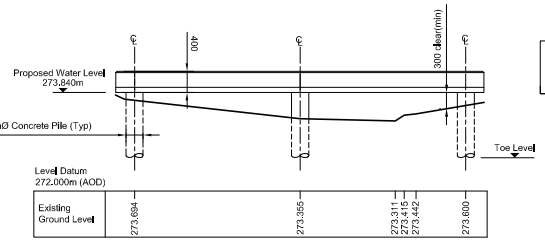
Plan of Ice Baffle

Scale 1:50



Ice Baffle Cross Section B - B

Scale 1:25

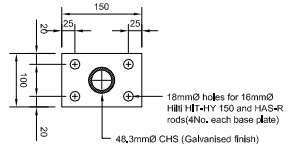


Note:

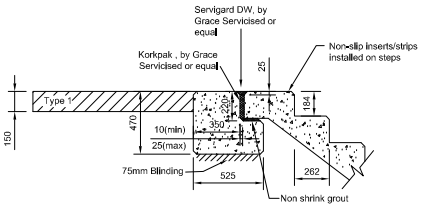
For setting out points refer to Drg.No. HR/SW/001.

Ice Baffle Longitudinal Section A - A

Scale 1:50



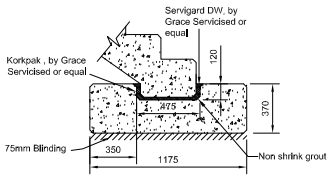
Typical Plan(Indicative)



Detail A

(Refer to Note 8)

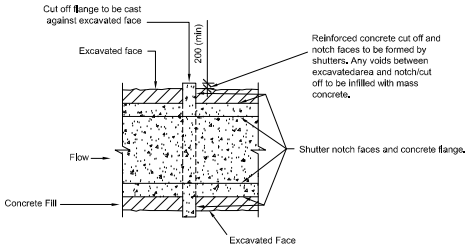
Scale 1:20



Detail B

(Refer to Note 8)

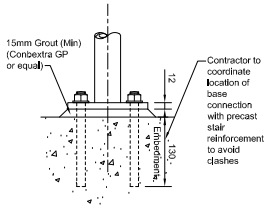
Scale 1:20



Plan of notch Excavation Infill Detail

(Refer to Note 8)

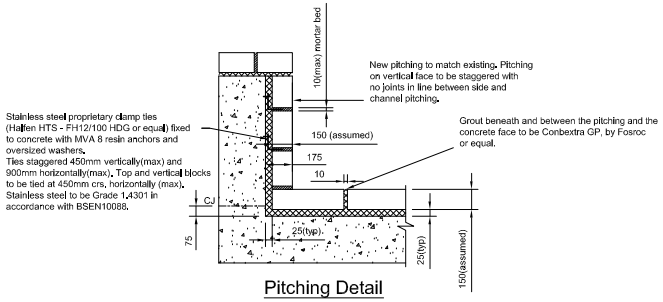
Scale 1:20



Baseplate BP1 - 16No. Thus

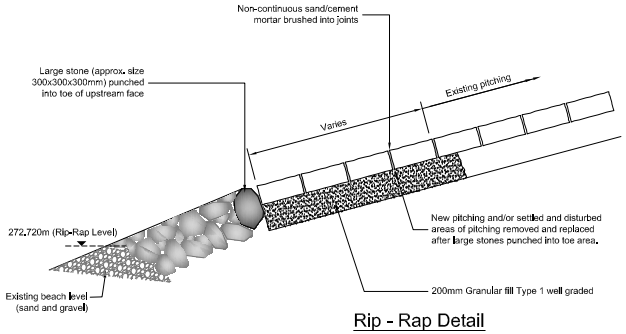
Indicative Baseplate Detail

Scale 1:5



Pitching Detail

Not To Scale



Rip - Rap Detail

Not To Scale

Notes

1. For general notes refer to Drg.No. HR/SW/001.
2. Reinforced concrete stair, guard rails and fixings to be Contractor designed (by Bison and Steelway Fenscure or equal). Stair to be designed to span between foundations.
3. Joints between stair and foundations to be sealed with waterproof joint filler and mastic sealant.
4. All stair foundation corners to have 25mm chamfers.
5. Contractor to allow for testing of existing spillway pitching to determine stone characteristics. New pitching to match or have improved characteristics.
6. Mortar to be cement:lime:sand, designation(ii) in accordance with BS5628,Table 1.
7. Ice baffle designed for 3T log travelling at 3m/s and arrested in 75mm in accordance with BA59/94.
8. Stair foundation dimensions indicative only. Contractor to confirm foundation requirements with precast stair designer.

Issue	Date	By	Chkd	Appd
P3	23/02/06	G.M.	KB	
Issued for construction				
P2	24/05/05	C.D.B.	K.B.	K.B.
Issued for review				

ARUP

Rose Wharf 78 East Street
Leeds LS9 8EE
Tel +44 (0)113 242 84081 Fax +44 (0)113 242 8673
www.arup.com

Client

EDINBVRGH THE CITY OF EDINBURGH COUNCIL

FLOODPROTECTION

Job Title

WATER OF LEITH
FLOOD PREVENTION SCHEME

Drawing Title

HARPERRIG RESERVOIR
SPILLWAY
DETAILS

Scale at A1 AS SHOWN

Drawing Status

FOR REVIEW

Job No	Drawing No	Issue
113245-90	HR/SW/002	P3

© Ove Arup Partnership Ltd

J:\0100000\113900\113245-90\acad\Harperrig Reservoir\HR-SW-002.dwg 23 Feb 2006 12:43:44