

## Gully Specification

Client: Henry Boot Construction

Project Name: Glassworks, Barnsley

Title: Gully Specification

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Date: November 2020

| Revision | Suitability | Date    | Author | Checked | Approved | Description |
|----------|-------------|---------|--------|---------|----------|-------------|
| C1       | D4          | Nov '20 | WD     |         |          | Contract    |
|          |             |         |        |         |          |             |
|          |             |         |        |         |          |             |
|          |             |         |        |         |          |             |
|          |             |         |        |         |          |             |

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## 1. General

4 no. distinct linear drainage channels are identified on the associated drainage plan XXXX 0161 C17.

They are respectively identified as Drainage Channels 1, 2, 3 and 4. Drainage Channel 1 is split into 3 parts, named 1a, 1b and 1c.

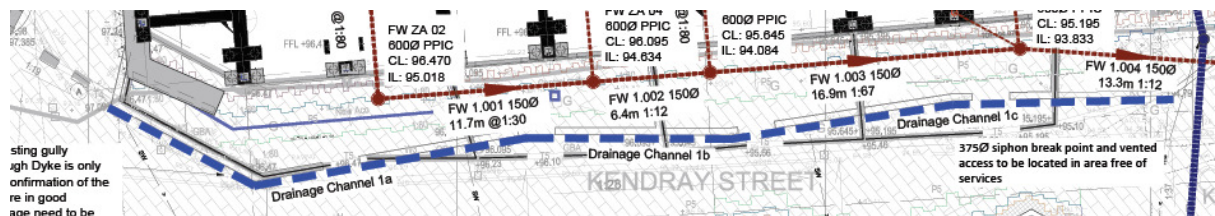
A number of square gully tops are required and are identified on the drainage plan.

Drainage channel 1a: 24m of C250 SS Heelguard Slotted

Drainage channel 1b: 23m of C250 SS Heelguard Slotted

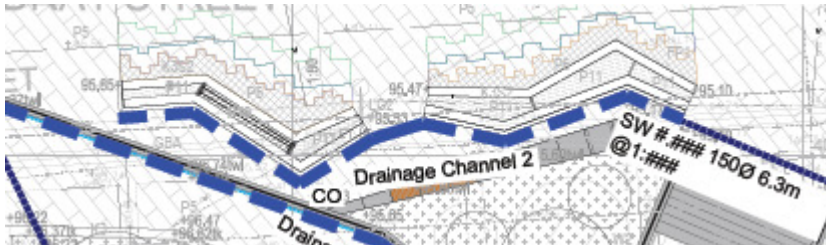
Drainage channel 1c: 12m of C250 SS Heelguard Slotted

Order Number (1m / 0.5m) 12644 / 12645 Weight (kg) 2.6 / 1.4 Material Grade 304 Stainless Steel Slot width (mm) 10 Length (m) 1 / 0.5 Intake area (mm<sup>2</sup>/m) 25300 Width (mm) 123 Finish Pickle Passivated



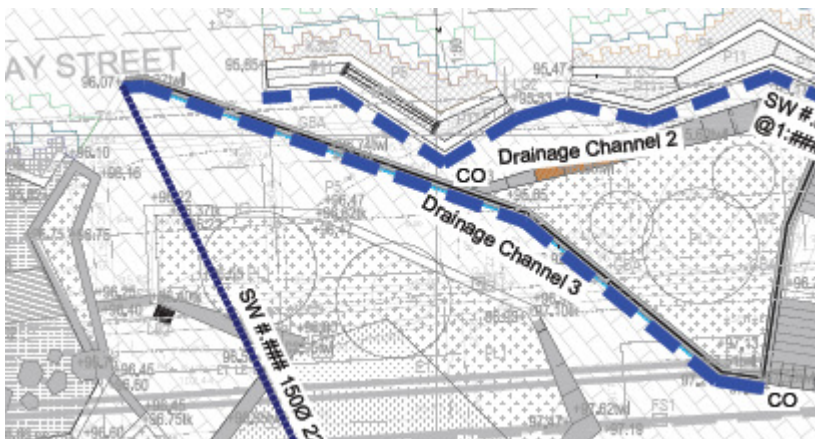
Drainage channel 2: 21m of C250 SS Heelguard Slotted

Order Number (1m / 0.5m) 12644 / 12645 Weight (kg) 2.6 / 1.4 Material Grade 304  
Stainless Steel Slot width (mm) 10 Length (m) 1 / 0.5 Intake area (mm<sup>2</sup>/m) 25300 Width  
(mm) 123 Finish Pickle Passivated



Drainage channel 3: 21m of C250 SS Heelguard Slotted

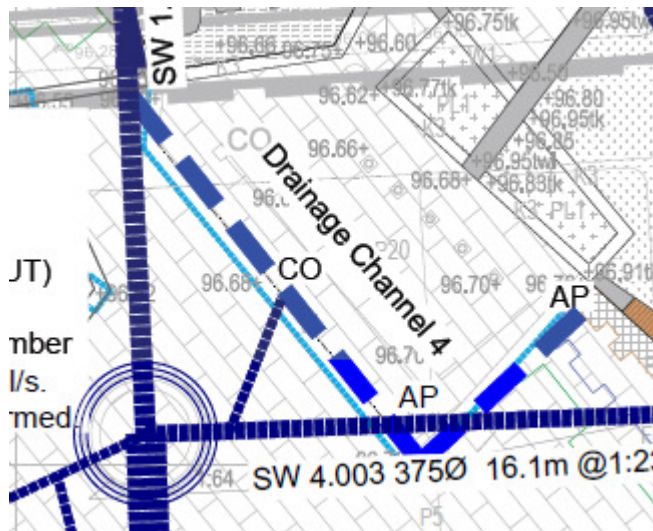
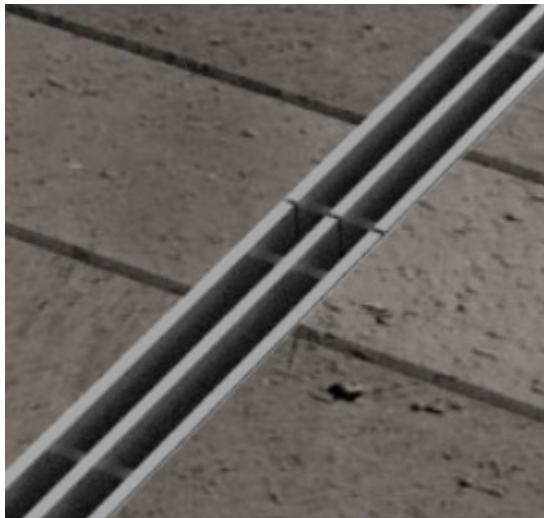
Order Number (1m / 0.5m) 12644 / 12645 Weight (kg) 2.6 / 1.4 Material Grade 304  
Stainless Steel Slot width (mm) 10 Length (m) 1 / 0.5 Intake area (mm<sup>2</sup>/m) 25300 Width  
(mm) 123 Finish Pickle Passivated



Drainage channel 4: 16m of D400 SS Twinslot (loading spec is not required to this duty C250 acceptable in similar style).

Order Number Bespoke item Weight (kg) n/a Material Grade 304 Stainless Steel Slot width (mm) 2 x 10 Length (m) 1 / 0.5 Intake area (mm<sup>2</sup>/m) 20000 Width (mm) 123 Finish Pickle Passivated

The purpose of this drain is to isolated rainwater from the fountain and should cover all flow paths- site measure required. Right angle junction will require a junction pot.



All given lengths of drain and cover should be confirmed on site and set out giving regard to changes in direction and the requirement for pots, all lengths given are approximate. Specification accords with ACO products, similar approved products should be supplied to the Engineer.

Gullies are to be ACO Universal (osa) with D400 tops in trafficked areas.

## ACO Universal Gully units - D 400 assemblies

| Product code     | Description                               | Length (m)     | Width overall (m) | Depth overall (mm) | Invert (mm)    | Slot width (mm) | Invert type  | Weight (kg)     |
|------------------|-------------------------------------------|----------------|-------------------|--------------------|----------------|-----------------|--------------|-----------------|
| 33401            | Gully assembly and bucket 601D            | 440            | 440               | 1315               | 870            | 10              | 1            | 52.5            |
| <del>33402</del> | <del>Gully assembly and bucket 602D</del> | <del>440</del> | <del>440</del>    | <del>1315</del>    | <del>870</del> | <del>10</del>   | <del>1</del> | <del>52.5</del> |
| 33407            | Gully top assembly only 607D              | 440            | 440               | 655                | -              | 10              | 1            | 45              |
| 44355            | Grating and frame 600D                    | 400*           | 564††             | 100                | -              | 10              | 1            | 40              |

