



KEY

- 150 Existing Combined Drain from Utilities Survey
- SWD Existing S.W. Drain from Utilities Survey
- Proposed Works Boundary
- Extent of Existing Contributing Impermeable Area

Storm Event	Peak Existing Run Off Rate from Contributing Impermeable Area
1 year	18.1l/s
2 year	22.1l/s
30 year	37.8l/s
100year	44.8l/s

Drainage Strategy for Proposed Development:

Proposed Surface Water Drainage for new development is to use existing drainage & outfall serving the existing impermeable area within development site.

The maximum discharge rate from the proposed development is to be restricted to maximum rate of 50% of peak existing 2 year event (ie 11.1l/s) for all storms events up to & including the 100year+45% allowance for climate change.

This will provide a net benefit & reduce flood risk to both the existing school drainage system & the wider sewer network

North Point

Quality Ass.

UKAS 005
Quality
Assurance
ISO 9001
SGS Certificate
GB02/54539

Project

Pioneer House High School
Wythenshawe

Client

Triton
Construction Ltd

Title

Existing Drainage
Contributing
Area

Original Size

A1

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Drawn

SAP

Checked By

SP

Date

Mar 23

Scale

1:200

Drawing No.

30580/6

Revision

IronsideFarrar

EnvironmentalPlanners
CivilEngineers
LandscapeArchitects
GraphicDesign

3 Worsley Court
Tel. 0161 703 8801 Fax. 0161 703 8279
manchester@ironsidefarrar.com

EDINBURGH BELLSHILL