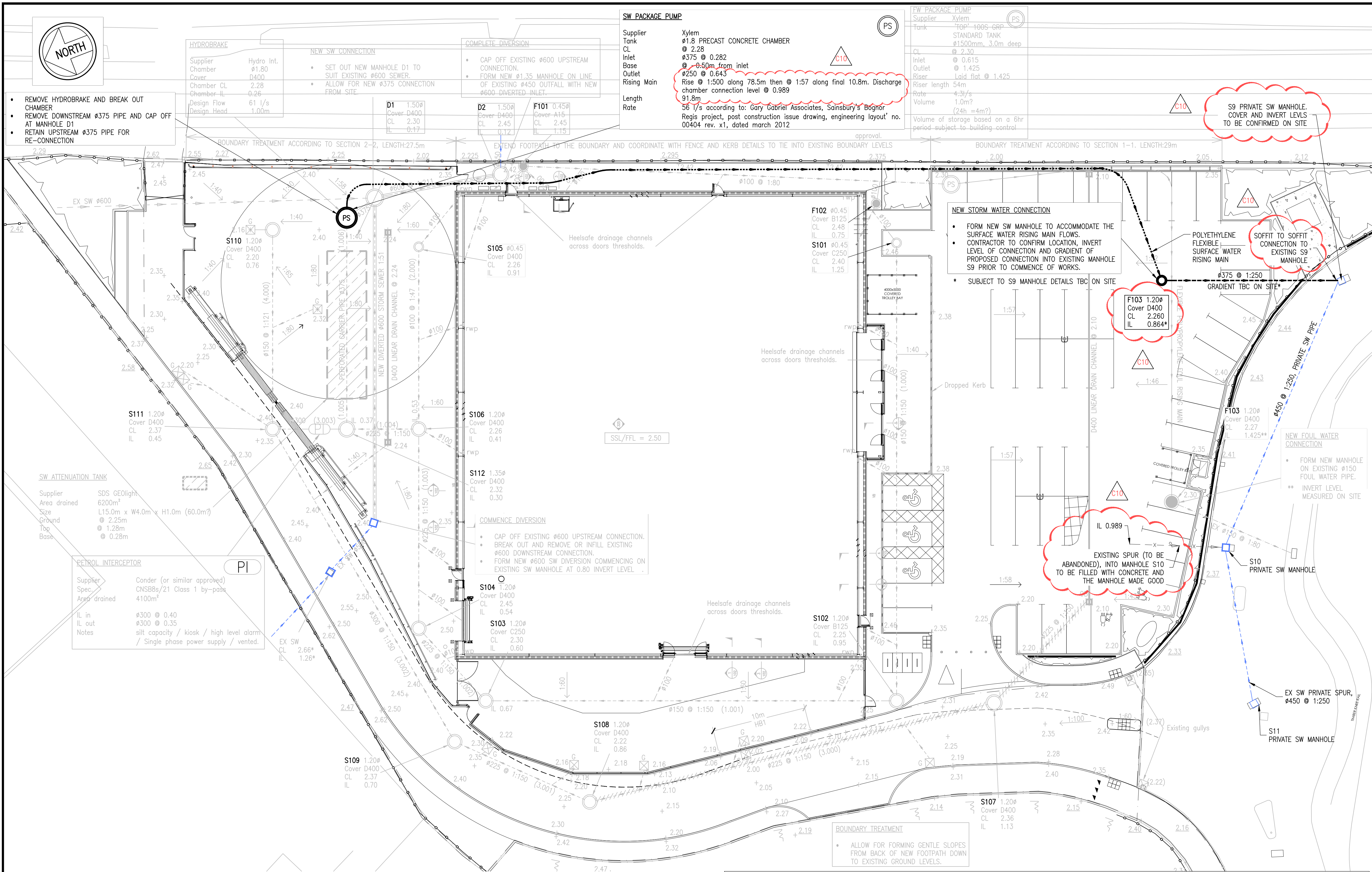




SW PACKAGE PUMP

Supplier Xylem
Tank #1.8 PRECAST CONCRETE CHAMBER
CL @ 2.28
Inlet #375 @ 0.282
Base @ -0.50m from inlet
Outlet #250 @ 0.643
Rising Main Rise @ 1:500 along 78.5m then @ 1:57 along final 10.8m. Discharge chamber connection level @ 0.989
Length 91.8m
Rate 56 l/s according to: Gary Gabriel Associates, Sainsbury's Bognor Regis project, post construction issue drawing, engineering layout' no. 00404 rev. x1, dated march 2012

FW PACKAGE PUMP

Supplier Xylem
Tank 100' 1995 GRP
CL STANDARD TANK
@ 2.30
Inlet @ 0.615
Outlet @ 1.425
Riser Laid flat @ 1.425
Riser length 54m
Rate 4.3l/s
Volume 1.0m?
(24h = 4m?)
Volume of storage based on a 6hr period subject to building control.

NEW STORM WATER CONNECTION

- FORM NEW SW MANHOLE TO ACCOMMODATE THE SURFACE WATER RISING MAIN FLOWS.
- CONTRACTOR TO CONFIRM LOCATION, INVERT LEVEL OF CONNECTION AND GRADIENT OF PROPOSED CONNECTION INTO EXISTING MANHOLE S9 PRIOR TO COMMENCE OF WORKS.

* SUBJECT TO S9 MANHOLE DETAILS TBC ON SITE

S9 PRIVATE SW MANHOLE. COVER AND INVERT LEVELS TO BE CONFIRMED ON SITE

F103 1.20#
Cover D400
CL 2.260
IL 0.864*

EXISTING SPUR (TO BE ABANDONED), INTO MANHOLE S10 TO BE FILLED WITH CONCRETE AND THE MANHOLE MADE GOOD

NEW FOUL WATER CONNECTION

- FORM NEW MANHOLE ON EXISTING #150 FOUL WATER PIPE.
- ** INVERT LEVEL MEASURED ON SITE

LEGEND

- Flexible Polypropylene Foul Rising main
- Existing public/private foul/combined water run
- Concrete encasement
- Linear drain channel
- Gully
- Proposed levels
- Existing levels.
- S101 #1.20 - Pump Station
- SW Rising Main
- New surface water run
- Surface Water Manhole
- Existing public/private surface manhole
- Existing public/private surface water run
- Existing public/private surface manhole to be demolished
- New foul water run
- Ex SWMH
- F101 #1.20 - Foul Water Manhole

SECTION 2-2

SECTION 1-1

- ALSO READ ACCOMPANYING NBS SPECIFICATIONS:
 - D20 Excavating and filling
 - Q10 Kerbs & edgings
 - Q20 Granular sub bases
 - Q21 In situ concrete paving
 - Q22 Asphalt roads
 - Q24 Interlocking block paving
 - R10 Rainwater drainage system
 - R11 Above ground foul drainage
 - R12 Below ground drainage system
- DRAWING BASED ON:
 - Topographical survey: Shaw Colgate Surveys, dwg no: 09314-Topo, dated: July 2014
 - Site plan: Harris Partnership Architects, dwg no: 13379-201, Rev H, dated: 26.05.16
- GROUND CONDITIONS:
 - Ground Investigation Report: SOILTECHNICS, Aug 2015, Report: STM32166-G01
 - Expected condition: Made Ground overlying Marine Deposits which overlie Chalk Group.
 - Groundwater: 1.19-6m bgl
 - CBR: TO BE TESTED ON SITE
- DRAINAGE APPROVAL:
 - Southern Water: S106 for indirect FW connection APPROVED
 - Network Rail: S106 for indirect SW connection IN PROGRESS
- ANCILLARIES SPECIFICATION:
 - Linear drainage channels: Gatic Castslot, Aco Qmax, or similar approved.
 - Petrol Interceptor: Conder or similar approved
 - Pumps: Xylem.
 - Attenuation tank: SDS Geolight
- GENERALLY:
 - Levels in metres unless noted otherwise.
 - Contractor responsible for checking accuracy of drawing information to on-site conditions. i.e. when tying into existing road alignments or sewers.
 - Contractor responsible for ensuring no existing underground services will clash with proposed works. e.g. by tracing and notifying and liaising with owner of apparatus.
 - Contractor must install final drainage connection following receipt of consent prior to installing any upstream drainage.

C10	DF	06.10.17	UPDATED TO WEST SUSSEX COUNTY COUNCIL ENGINEERS COMMENTS
C9	FC	10.08.17	UPDATED TO WEST SUSSEX COUNTY COUNCIL ENGINEERS COMMENTS
C8	DF	23.01.17	UPDATED DRAINAGE LAYOUT TO SUIT NEW OUTFALL
C7	DF	16.05.16	UPDATED SITE PLAN ADDED LEVELS AS CLOUDED
C6	DF	09.05.16	CONDENSER GULLY ADDED
C5	DF	25.04.16	UPDATED FW DRAINAGE, DRAIN CHANNELS IN FIRE EXITS AND FOOTPATH LAYOUT.
C4	AT	15.04.16	UPDATED AS CLOUDED
C3	AT	06.04.16	UPDATED SITE PLAN AND AMENDED FOUL WATER DRAINAGE.
C2	AT	11.02.16	AMENDED SERVICE YARD DRAINAGE
C1	AT	19.01.16	ISSUE FOR CONSTRUCTION
Rev	Tech	Date	Revision

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Client

Job title:
WICKES - SHRIPNEY ROAD
BOGNOR REGIS, PO22 9NG

Drawing title:
DRAINAGE SCHEME

Purpose of issue
Information ☐ Preliminary ☐ Approval ☐ Tender ☐ Construction ☒ Record Copy ☐

Date	Drawn	Scale	Checked
07.10.15	AT	1:200 @ A1	

Drawing no.	Rev
15-112 / 300	C10