DESIGN NOTES

1. SOAKAWAY SA1 DESIGNED TO A 1 IN 100 YEAR STORM +20%. SOAKAWAYS SA2 AND SA3 DESIGNED TO A 1 IN 10 YEAR STORM, WITH ANY EXCESS INFILTRATING OVER THE PLAYING FIELD. SOAKAWAY SIZES ARE BASED ON AN ASSUMED INFILTRATION RATE OF 1.0X10-5 m/s.

2. SOAKAWAY SIZES TO BE REFINED ON RECEIPT OF IN-SITU SOAKAGE TEST RESULTS.

3. DRAIN POINTS AND LOCATIONS TO BE CONFIRMED BY ARCHITECT.

4. CONTRACTOR TO ESTABLISH LOCATIONS OF ALL EXISTING SERVICES PRIOR TO COMMENCING.

FRENCH DRAIN/SOAKAWAYS
Minimum depth 1.0m.
Bottom of trench laid flat.
See Drg 104 for details.

SA1
D216.0
1800ø Ring Soakaway
CL 35.600
IL 33.900
Base Level 32.600

RG
D208.1
CL 35.300
IL 34.850

SIC
Catchpit
D202.4
CL 34.710
IL 33.937

RG
D208.1
CL 35.200
IL 34.750
Relocated from current postion in proposed footpath.

Existing SA
1500ø
CL+IL tbc
Cover to be upgraded to D400

Existing Gullies to be cleaned out and run jet cleaned.

RP
IL 34.260

RWP
IL 34.310

Existing
SA 1500ø
CL tbc
IL tbc

Extg Gully

Ac Multidrain Brickslot Channel

Sump outlet

Existing
SW Catchpit
CL 35.41
IL in 34.820
IL out 34.800

FIC
D202.6
CL 35.37
IL 34.760

SIC
D202.6
CL 35.46
IL 34.661

Existing Safticurb drainage channel to be repaired where drainage crosses and jet cleaned after

FIC
D202.6
CL
IL

FIC
D202.6
CL 35.300
IL 34.527

SIC
D202.6
CL 35.190
IL 34.473

FIC
D202.6
CL 35.190
IL 34.450

SIC
D202.6
CL 35.190
IL 34.413

SWMH
CL 35.310
IL 34.340

FWMH
IL 35.31

Number of existing connections to be checked, accurately located and tied into new chambers

Number of existing connections to be checked, accurately located and tied into new chambers

FWMH
D202.3
1050ø
CL 34.910
IL 34.250

RWP
IL 34.310

SIC
D202.6
CL 34.710
IL 34.110

DP
Foul Gully for boiler condensate.
IL 34.360

DP
IL 34.360

RWP
IL 34.310

DP
IL 34.360

FIC
D202.6
CL 34.710
IL 33.980

SIC
D202.4
Catchpit
CL 34.710
IL 33.955

FWMH
CL 34.290
IL 33.630

New connection bench to existing foul drain

SA2
Aquacell
2.0x9.0x1.6m deep
CL 32.800
Top level 32.200
Base Level 30.600

FWMH
CL 33.990
IL 33.320

FWMH
CL 34.190
IL 33.170

Existing SA
1800ø
CL tbc
IL tbc

SIC
D202.4
Catchpit
CL 33.800
IL 33.200

RG (2No.)
D208.1
CL 34.190
IL 33.740

SA3
Aquacell
2.0x12.0x1.6m deep
CL 34.000
IL in 33.130
Top level 33.300
Bottom level 31.700

Swimming Pool

CRADLE HILL COMMUNITY PRIMARY SCHOOL

Cradle Hill Community Primary School

GENERAL NOTES:

1. DIMENSIONS ON THIS DRAWING SHALL NOT BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE. ALL DETAILS AND DIMENSIONING RELATING TO SUB-CONTRACTOR'S OR SUPPLIER'S WORK MUST BE CHECKED AND AGREED BETWEEN THE SUB-CONTRACTOR OR THE SUPPLIER AND THE GENERAL CONTRACTOR.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEERS DRAWINGS AND SPECIFICATION.
3. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL SITE DIMENSIONS BEFORE COMMENCING WORK.
4. THE MAIN CONTRACTOR IS RESPONSIBLE FOR ENSURING THE STABILITY OF THE STRUCTURE WHILST THE WORKS ARE IN PROGRESS.
5. DIFFERENCES BETWEEN THIS DRAWING AND THE SITE CONDITIONS ENCOUNTERED MUST BE REPORTED TO THE ENGINEER.
6. THE CONTRACTOR REMAINS RESPONSIBLE FOR ALL ON SITE HEALTH AND SAFETY, INCLUDING SITE OPERATIVES PERSONAL PROTECTIVE EQUIPMENT.

NOTATION

A.F.L. – FINISHED FLOOR LEVEL. S.S.L. – STRUCTURAL SLAB LEVEL.
T.O.S. – TOP OF STEEL. F.G.L. – FINISHED FLOOR LEVEL.
T.O.C. – TOP OF CONCRETE. T.O.F. – TOP OF FOUNDATION.
A.L. – FORMATION LEVEL.

Legend

- FWMH — Foul Manhole
- SWMH — Surface Water Manhole
- EXISTING DRAINAGE
- PROPOSED V.C. SURFACE WATER DRAIN
- PROPOSED V.C. FOUL DRAIN
- DP — FOUL DRAINAGE POINT (D307.0)
- RWP — RAINWATER PIPE (D203.5)
- SIC — 450mm dia. Plastic SW Inspection Chamber
- FIC — 450mm dia. Plastic Foul Inspection Chamber
- SAC — 300mm diameter Surface Water Access Chamber
- FAC — 300mm diameter Foul Water Access Chamber
- CTE — Connect to existing

PREFIXES TO DRAWING NUMBERS SHALL SIGNIFY THE FOLLOWING :-

P = PRELIMINARY SHALL NOT BE USED FOR CONTRACT OR CONSTRUCTION PURPOSES.

T = TENDER SHALL NOT BE USED FOR CONSTRUCTION PURPOSES.

C = CONSTRUCTION THESE ARE THE ONLY DRAWINGS THAT SHALL BE USED FOR CONSTRUCTION PURPOSES.

R = RECORD RECORD OF ACTUAL COMPLETED WORK.

REV	DATE	DESCRIPTION	BY
A	11.8.09	FRENCH DRAIN ADDED TO ACCESS. FOUL GULLY ADDED FOR BOILER.	SFC
P	24.7.09	ISSUED FOR COMMENT	SFC

Gyoury Self
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ARCHITECT: NPS SOUTH EAST LTD

JOB TITLE: CRADLE HILL CP SCHOOL SEAFORD

DRAWING TITLE: PROPOSED DRAINAGE

DRAWN	ENGINEER	CHECKED
GTA	SFC	-

DATE	SCALE @ A1
JULY 2009	1 : 200

JOB No.	STATUS	DRAWING No.	REV.
H16170	P	501	A

PRELIMINARY