ARUN DISTRICT COUNCIL RECEIVED

NOTE:
ALL DRAIN RUNS WITHIN DELIVERY YARD AND ACCESS ROAD TO HAVE CONCRETE BED & SURROUND.

SPRINKLER TANK & PUMP ROOM GULLIES TO BE CONNECTED TO FOUL DRAINAGE SYSTEM, REFER TO Drg. C02 FOR ROUTE.

Exg. FIELD DRAIN.

PROPOSED CHAMBER 61S TO INTERCEPT Exg. FIELD DRAIN. CL 5.40 (EGL), IL 5.00

150mmø DUCTILE IRON CONNECTION **INTO** DRAINAGE CHANNEL. CHANNEL IL 5.55

MH33F 100mmø MH34F 100mmø MH35F 100mmø MH36F

DRAINAGE CHANNEL

150mmø D.I. MH2aS 150mmø MH2S

Service Yard Plant

Reverse Logstics

Loading Dock

PS3

Service Yard

MH4S

300ø

INTERCEPTOR 5S PI

SIPHONIC OUTLETS ASSUMED TO BE CONFIRMED BY OTHERS.

SRWP MH7BC

FOR DETAILS OF INTERNAL CONNECTIONS FROM STORE, REFER TO Drg. C02.

340ø

MH8S

450mmø

ATTENUATION TANK TO BE DESIGNED BY MANUFACTURER, AND INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
THE CONTRACTOR IS TO ENSURE THAT ALL ATTENUATION TANKS MEET THE REQUIREMENTS OF CIRIA DOCUMENT C680. CALCULATIONS CONFIRMING COMPLIANCE WILL BE REQUIRED BY THE ENGINEER AT LEAST 2 WEEKS PRIOR TO COMMENCING WORKS ON SITE.

8000 2000

STORAGE TANK 82 x 17 x 0.5m dp.

PROPOSED STORE
FFL = 6.500

ASDA STORE

150mmø 450mmø 225mmø

DRAINAGE CHANNEL 5.788

DRAINAGE CHANNELS:
ALL DRAINAGE CHANNELS TO BE GATIC CAST SLOT OR HAURATON RECYFIX HICAP

454mmø

SIPHONIC OUTLETS ASSUMED TO BE CONFIRMED BY OTHERS.

SRWP MH8BC

SIPHONIC DRAINAGE:
SIPHONIC ROOF DRAINAGE SYSTEM TO BE RUN TO, AND DISCHARGE AT FRONT OF STORE. SURFACE WATER DESIGN IS SUBJECT TO FINAL SIPHONIC DESIGN BY OTHERS.

MH42F

MH10S

450mmø

HYDROBRAKE CHAMBER 12S.

HYDROBRAKE CHAMBER 23S.

HYDROBRAKE CHAMBER 21S.

HYDROBRAKE CHAMBER 19S.

HYDROBRAKE CHAMBER 18S.

300mmø 225mmø

MH11C MH13S MH63S

PS43F

FOR DETAILS OF INTERNAL CONNECTIONS FROM STORE, REFER TO Drg. C02.

SIPHONIC OUTLETS ASSUMED TO BE CONFIRMED BY OTHERS.

SRWP MH14C

INTERCEPTOR 25S PI.

INLET FROM DIVERTED FIELD DRAIN TO BE FITTED WITH NON-RETURN FLAP.

FOUL RISING MAIN.

MH45F MH46F 150mmø MH47F MH42F

DRAINAGE CHANNEL 6.230

CR15aS 300mmø MH13aS

NOTE:
DRAIN RUN 15aS-13aS-13S-63S TO BE LAID WITH PIPES INVERTS LEVEL.

RENO MATRESS TO BOTTOM OF Exg. DITCH.

150ø MH64S INTERCEPTOR 65S PI MH66S OF67S

2No. SW OUTFALLS, IL 4.70, WITH PENSTOCK VALVES AS 90-60 SERIES BY HAM BAKER OR EQUIVALENT FIXED TO WALL.

IN ABEYANCE:
SURFACE WATER ACCESS ROAD DRAINAGE.

IN ABEYANCE:
FOUL DRAINAGE DISCHARGE ASSUMED TO BE PUMPED OFF SITE - TO BE CONFIRMED.

Existing boundary treatment maintained and retained.

HATCHED AREAS OF CAR PARK DENOTES AREA OF TRADITIONAL NON POROUS CONSTRUCTION. POROUS SUB BASE IS NOT NEEDED TO ACHIEVE REQUIRED RETENTION RATES.

Recycling Centre

Car Park Cleaner

Walkway

Deliveries Only

2No. RG's

MH18aS

2No. RG's

225mmø

Cycle/Walkway

Overflow Parking

MASS CONCRETE THRUST BLOCK AT CHANGE OF DIRECTION.

MASS CONCRETE THRUST BLOCK AT CHANGE OF DIRECTION.

MH100aF MH100F

FOUL RISING MAIN.

APPROXIMATE LOCATION OF Exg. SOUTHERN WATER MAIN, IMPOSED FROM RECORD DRAWINGS.

RAILWAY

A259 Littlehampton Road

Downview

CONSTRUCTION

General Notes:

1. DO NOT SCALE THIS DRAWING.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS, SCHEDULES AND SPECIFICATIONS.
3. THE LEVELS OF EXISTING DRAINAGE MUST BE CONFIRMED BY EXCAVATING TRIAL HOLES AT THE POINTS OF CONNECTION **PRIOR TO THE COMMENCEMENT OF ANY DRAINAGE WORKS .**
4. FLOWS MUST BE MAINTAINED AT ALL TIMES, AT THE TIME OF MAKING NEW CONNECTIONS OVER-PUMPING MUST BE PROVIDED TO MAINTAIN FLOWS.
5. ANY REDUNDANT PIPEWORK AND MANHOLES SHALL BE EXCAVATED AND THE VOID BACKFILLED WITH WELL GRADED, GRANULAR MATERIAL WELL COMPACTED IN LAYERS TO *'THE SPECIFICATION FOR HIGHWAY WORKS SERIES 600 - EARTHWORKS'*, OR SEALED WITH CEMENT GROUT.
6. ALL TOPS TO BE TO BS EN 124 ; 1994 WITH A Min. CLEAR OPENING OF 600 x 600mm OR 600mmØ.
7. D400 TOPS TO HAVE A FRAME DEPTH OF 150mm.
8. ALL NEW 100ø CONNECTIONS TO EXISTING 100 ø PIPEWORK TO BE MADE USING PROPRIETARY JUNCTION PIECE BANDSEAL CONNECTED TO EXISTING PIPEWORK.
9. ALL NEW PIPEWORK TO BE 150mm ø UNLESS NOTED OTHERWISE.
10. DRAINAGE CHANNELS, ATTENUATION TANK & PUMPING STATION TO BE DESIGNED BY MANUFACTURERS AND INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS

Key:

- Exg. SURFACE WATER DRAINAGE.
- Exg. FOUL DRAINAGE.
- REDUNDANT DRAINAGE
- PROPOSED DRAINAGE CHANNELS TO BE: GATIC CAST SLOT 600 or HAURATON RECYFIX HICAP.
- PROPOSED FOUL DRAINAGE.
- PROPOSED FOUL MANHOLE.
- PROPOSED SURFACE WATER DRAINAGE.
- PROPOSED SURFACE WATER MANHOLE.
- 150mmø RG — PROPOSED PERFORATED GULLY LEAD DISCHARGING AND DRAINING INTO AND OUT OF POROUS SUB BASE.
- DENOTES SITE BOUNDARY.

RG ROAD GULLY
YG YARD GULLY.
CG CHANNEL GULLY / SUMP UNIT.
R RAINWATER DOWN PIPE.
SRWP SIPHONIC RAINWATER DOWN PIPE.
RE RODDING EYE / ACCESS POINT.
FO FOUL OUTLET.
DROP FIRST FLOOR DROP. (DRAIN FROM 1st FLOOR)
+ 123.45m INDICATIVE PROPOSED SITE LEVELS.

-	05.03.12	RG	PHT	ISSUED FOR CONSTRUCTION.
-	05.03.12	RG	PHT	SITE PLAN UPDATED TO SUIT ARCHITECTS LATEST LAYOUT. DRAINAGE AMENDED TO SUIT REVISED LAYOUT & CONNECTIONS FROM STORE. FOUL TREATMENT PLANT OMITTED IN LIEU OF PROPOSED LITTLEHAMPTON ROAD CONNECTION .
T5	02.02.12	RG	SG	SITE PLAN UPDATED. INTERCEPTOR REFERENCES REMOVED. (SHOWN ON SCHEDULE)
T4	10.01.12	RG	SG	CIRIA NOTE ADDED TO ATTENUATION TANK NOTE.
T3	01.12.11	RG	SG	DRAIN RUN S13 - S20 AMENDED TO 225mm ø AS SCHEDULE. TREATMENT PLANT NOTES EXTENDED. PUMP STATION VOLUME AMENDED.
T2	28.11.11	RG	SG	FRENCH DRAIN INDICATED TO EAST & SOUTH BOUNDARIES OF STORE.
P-	03.10.11	RG	SG	ISSUED FOR INFORMATION.

T1	25.11.11	RG	SG	MANHOLE REFERENCES ADDED.
T-	09.11.11	RG	SG	TENDER ISSUE.
T-	09.11.11	RG	SG	BOUNDARY LINE INDICATED IN GREEN. TQ CO-ORDINATES ADDED. NOTE 9 UPDATED. NOTE 10 ADDED. NON POROUS CONSTRUCTION SEPARATED ADJACENT TO 3No. CAR PARK CHANNELS. LINK BETWEEN OVERFLOW CAR PARKS 1 & 2 DIVERTED AROUND HIGHWAY BOUNDARY.
P2	26.10.11	RG	SG	SECTION OF CAR PARK (NORTH END) DENOTED AS NON POROUS CONSTRUCTION, GULLY LEAD DIRECTION UPDATED TO SUIT. INTERCEPTOR INDICATED ALONG CYCLE/WALKWAY. STORAGE TANK SIZE REDUCED (82x21x0.5 to 82x17x0.5)
P1	17.10.11	RG	SG	Exg. SOUTHERN WATER MAIN INDICATED. PERFORATED OUTLETS EXTENDED TO SUIT CURRENT DESIGN REQUIREMENTS. FOUL DRAINAGE TREATMENT ARRANGEMENT UPDATED. 5No. HYDROBRAKE CHAMBERS INDICATED (PREVIOUSLY NOTED) . STORAGE TANK PLAN SIZE AMENDED TO SUIT ROOF PLANT CRANE SITING.

Project:
WEST WORTHING.

Drawing:
DRAINAGE PROPOSALS.

Scale: 1:500 at A1, 1:1000 at A3

Client:
ASDA
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Job No: 11-046-C

Drawing No: 01

Rev: -