

FOR CONTINUATION REFER TO DRG No: T\_21\_2503-55-03

**ALL PROPOSED SHEL PURCEPTOR CLASS 1 FULL RETENTION TPEL/OIL SEPARATORS:**  
ALLOW FOR A 250mm THK GRADE C28/35 CONCRETE BED AND 250mm THK SURROUND ON 450mm THK DIT TYP 1 SUB-BASE TOGETHER WITH A SOLAR POWERED AUDIBLE AND VISUAL SEPARATOR ALARM SECURED TO A 750SQ x 150mm THK GRADE C28/35 CONCRETE BASE ON 300mm THK DIT TYP 1 SUB-BASE. EXACT LOCATION OF SEPARATOR ALARM AND SEPARATOR VENT PIPE TO BE AGREED. INSTALLATION TO BE IN ACCORDANCE WITH THE MANUFACTURES REQUIREMENTS.

### ILLUSTRATIVE

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1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS, FOR THE PURPOSES OF CONSTRUCTION THIS DRAWING MUST NOT BE SCALED AND ONLY WRITTEN DIMENSIONS USED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK ALL DIMENSIONS ON SITE PRIOR TO CONSTRUCTION AND ANY DISCREPANCIES TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE DESIGNER.
2. ALL LEVELS ARE IN METRES UNLESS SO TO O/D ATUM.
3. ALL WORK IS TO BE COMPLETED IN ACCORDANCE WITH THE NATIONAL BUILDING SPECIFICATION.
4. THE LOCATION LINE IS LEVEL OF ALL KNOWN EXISTING SURROUNDING BUILDINGS AND LEVELS OF ALL EXISTING SERVICES APPROXIMATE AND FOR GUIDANCE PURPOSES ONLY. CONFORMANCE TO THE EXISTING PUBLIC SEWERS WILL BE SUBJECT TO ANY RELEVANT APPROVAL FROM THE LOCAL AUTHORITY STATUTORY UNDERTAKER.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR DETERMINING THE EXISTING LOCATION OF ALL SERVICES PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION WORKS ON SITE. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE STRUCTURAL INTEGRITY OF ALL ABOVE AND BELOW GROUND SERVICES.
6. THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN THROUGHOUT THE DURATION OF THE CONTRACT A FULL RISK ASSESSMENT OF ALL EXISTING AND PROPOSED SERVICES OF VEHICLES/PEDESTRIANS IN THE VICINITY OF THE WORKS. ALL TRAFFIC SIGNS, SIGNALS, BARRIERS ETC. SHALL BE IN ACCORDANCE WITH CHARTERED INSTITUTIONS RECOMMENDATIONS.
7. THE CONTRACTOR SHALL MAKE ADEQUATE PROVISION FOR THE PROTECTION OF ALL EXISTING SERVICES AND SURROUNDINGS ENCOUNTERED DURING EXCAVATIONS.
8. ALL SOFT / HARD PAVED AREAS AFFECTED BY THE WORKS SHALL BE REPLACED TO ORIGINAL FINISHES AND THE INSTALLATION OF ALL DRAINAGE WORKS. ALL SURFACE MARKINGS TO BE PROTECTED AND REPLACED TO ORIGINAL FINISHES. ALL SURPLUS EXCAVATED MATERIAL SHALL BE DISPOSED IN A DESIGNATED AREA ON SITE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTRACTOR SHALL PROVIDE AS BUILT SETTING OUT CO-ORDINATE AND LEVEL INFORMATION.
10. PIPERWORK SHALL BE LESS THAN 750mm of COVER IN TRAFFICED AREAS TO BE CONCRETE ENCASED. (BEDDING CLASS 2).
11. PIPERWORK WITH MORE THAN 750mm of COVER TO HAVE CLASS 5 GRANULAR BED AND SURROUND.
12. POLYPROPYLENE INSPECTION CHAMBERS OF 500mm x 750mm TO BE USED TO BE WITHIN 100mm OF FINISHED SURFACE. STOKES' STAIRS - STOKES STAIRS SERVE MULTIPLE STOKES' STAIRS - STAIRS SHALL BE TO A MINIMUM 750mm FROM THE STREET BRANCH CONNECTION.
13. WHERE SEPARATE STAIRS ARE PROVIDED FOR BELOW GROUND PIPERWORK, THERE SHALL BE 450mm MINIMUM LEAD THE LOWEST CONNECTION.
14. SVP CONNECTIONS TO BE 100mm DIA UNLESS OTHERWISE STATED.
15. TO PROVIDE A MINIMUM 100mm COVER TO THE COMPLETE WITH A LOW LEVEL ACCESS PLATE FOR RODDING.
16. PROPOSED DRAINAGE PIPERWORK RUNS ARE IN CLOSE PROXIMITY TO EXISTING PIPERWORK. THE CONTRACTOR SHALL ALLOW FOR EXTENDING THE DEPTH OF NEW FOUNDATIONS IN LEARN MIX CONCRETE DOWN TO THE DEPTH OF EXISTING PIPERWORK.
17. THE HYDRAULIC DESIGN HAS BEEN CARRIED OUT IN ACCORDANCE WITH CRRA REPORT C7/3 THE SUDS MANUAL. THE HYDRAULIC DESIGN HAS BEEN CARRIED OUT BY THE CONSULTANTS. THE HYDRAULIC DESIGN HAS BEEN CARRIED OUT IN ACCORDANCE WITH THE

OVERALL SITE BOUNDARY.

PROPOSED SURFACE WATER DRAIN.  
(TYPICALLY 1000 FROM RWP AND 1500 FROM RWI LINE)

PROPOSED SURFACE WATER PCC MANHOLE.

PROPOSED SURFACE WATER PPIC.

PROPOSED LINEAR DRAINAGE CHANNEL AND ASSOCIATED SLOTTED GULLY.

PROPOSED TRAPPED RAIN SLOUT.

PROPOSED RAINWATER DOWN SPOUT.

PROPOSED SIPHONIC RAINWATER DOWN SPOUT.

PROPOSED KERB INLET GULLY TIES  
TO TREE INFILTRATION GULLY.

PROPOSED PERMEABLE BLOCK PAVING  
TO PARKING BAYS - 600 DFT TYPE TO  
FULL CAR PARK AREA WITH FILTER  
DRAIN.

PROPOSED FOUL DRAIN (TYPICALLY 1000  
UNO).

PROPOSED FOUL PCC MANHOLE.

PROPOSED FOUL PPIC.

PROPOSED FOUL OUTLET.

**NOTE:**

ALL EXISTING DRAINAGE TBC.

ALL SURFACE WATER CHAMBERS ARE TO BE PCC UNO  
C250 COVERS IN PEDESTRIAN AREAS.  
D400 COVERS IN CARPARK AREAS.  
E600 COVERS IN ACCESS ROAD AND YARD AREAS.

SIPHONIC BREAK CHAMBERS ARE TO HAVE D400 OPEN MESH COVERS. DETAILS BY SIPHONIC DRAINAGE DESIGNER.

ALL FOUL CHAMBERS ARE TO BE MIN 450Ø HD PPIC UNO C250  
COVERS IN PEDESTRIAN AREAS.  
D400 COVERS IN CARPARK AREAS.  
E600 COVERS IN ACCESS ROAD AND YARD AREAS.

ALL DRAINAGE WITH LESS THAN 750 COVER IS TO BE ENCASED IN MIN 150THK C32/40 CONCRETE - SEE DETAIL DRAWING FOR ENCASING DETAILS.

ALL INTERNAL FOUL OUTLET POINTS ARE TBC.

ALL LINEAR DRAINAGE CHANNELS WITHIN HGV AREAS ARE TO BE GATIC.

ALL LINEAR DRAINAGE CHANNELS WITHIN ROADS ARE TO HAVE D400 HEEL GUARD GRATING.

**ACCESS ROAD DRAINAGE:**  
MAIN ACCESS ROADS ARE TO BE DRAINED VIA KERB INLET GULLYS CONNECTED INTO GEOCELLULAR STRUCTURE ABOVE TREE ROOT LEVEL TO DISPERSE WATER EVENLY INTO ROOT AREAS AND EXCESS WATER COLLECTED BELOW ROOT LEVEL WITH A FILTER DRAIN WRAPPED IN A ROOT PROTECTION MEMBRANE.

**SWALES:**  
ALL SWALES TO BE 2.0m DEEP. TBC UNTIL  
DETAILED DESIGN.

P5	27.04.2022	CCF	UPDATED TO SUIT LATEST SITE PLAN	WNL	PJB
P4	27.04.2022	CCF	DRAWING STATUS UPDATED	WNL	PJB
Rev	Date	By	Description	Chk	App
Status					

### ILLUSTRATIVE



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TRITAX SYMMETRY  
A TRITAX BIG BOX COMPANY

Project Title: \_\_\_\_\_

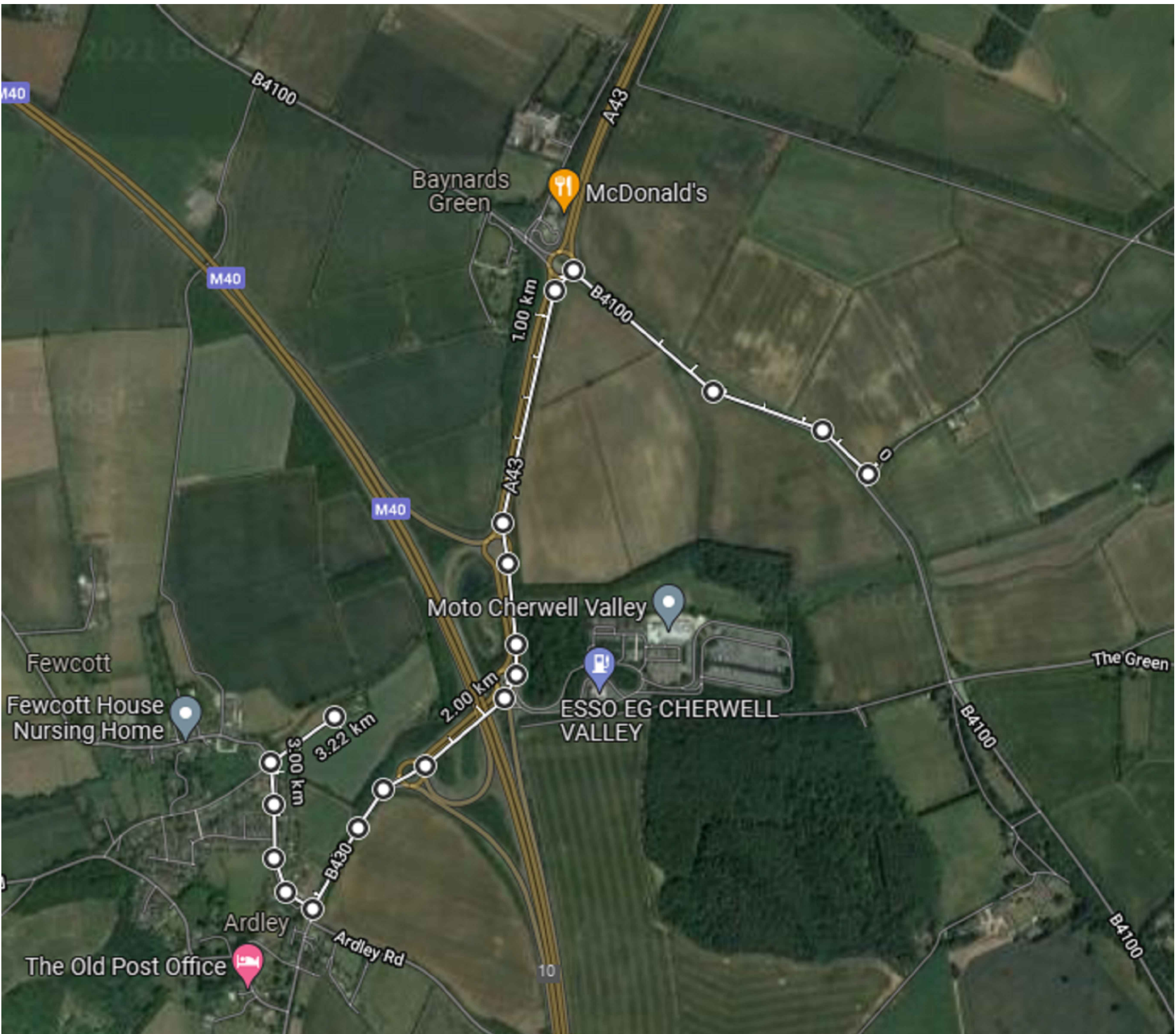
SYMMETRY PARK,  
ARDLEY,  
OX27 8RT.

Drawing Title:  
**PROPOSED SURFACE  
DRAINAGE LAYOUT.  
SHEET 2.**

Drawing Scale:	Drawn By:	Drawing Start Date:
1:750 @ A1	C.C.FITTON	13.12.2021

Drawing No:	Revision:
T_21_2503-55-02	P5

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