

ALL RAINWATER PIPES ASSUMED TO BE 150Ø - SIZE AND LOCATIONS TBC BY ARCHITECT.

ALL COVER LEVELS ARE ASSUMED BASED ON BUILDING FLOOR LEVELS AND EXTERNAL SITE LEVELS PROVIDED BY ARCHITECT.

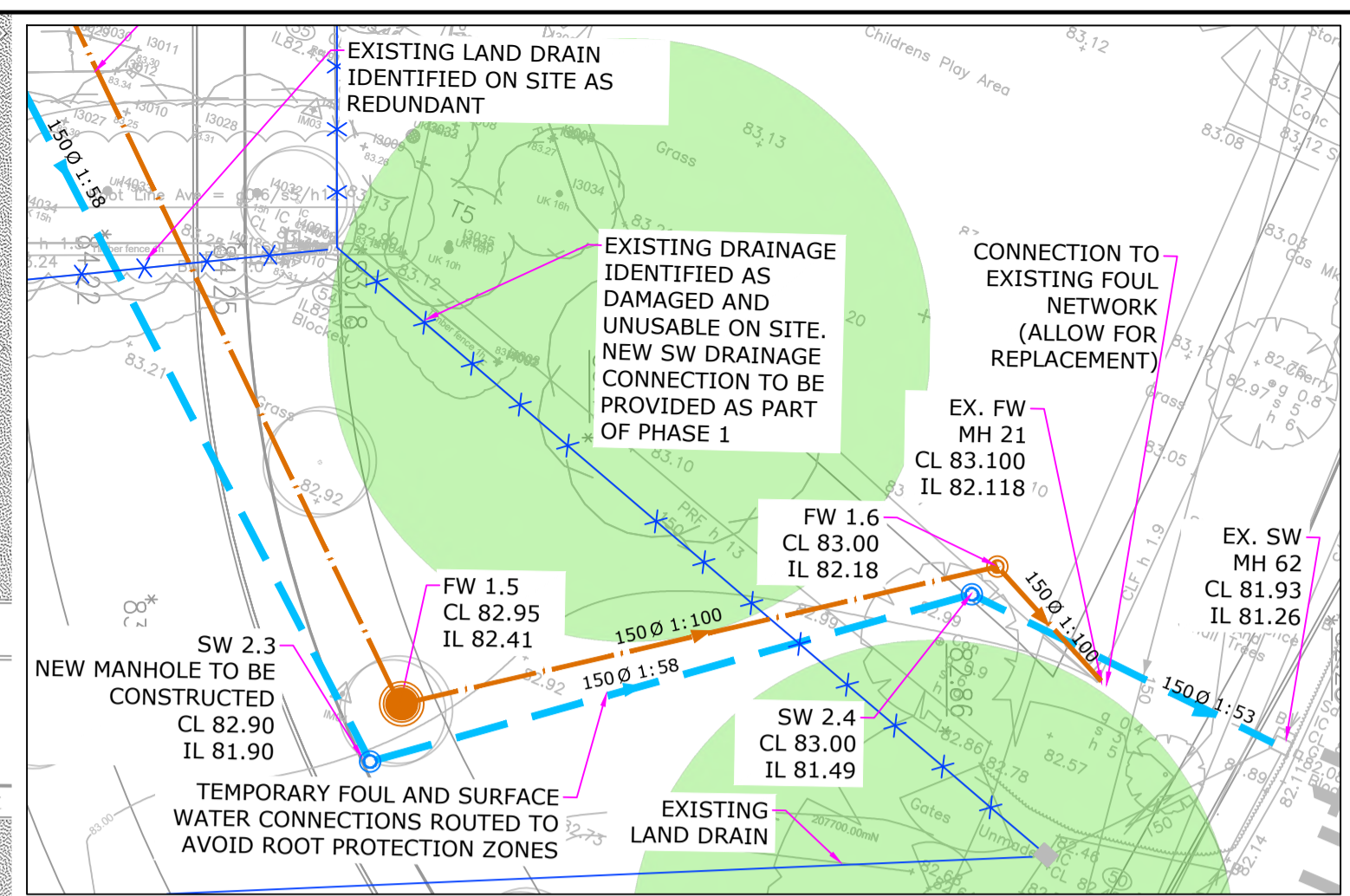
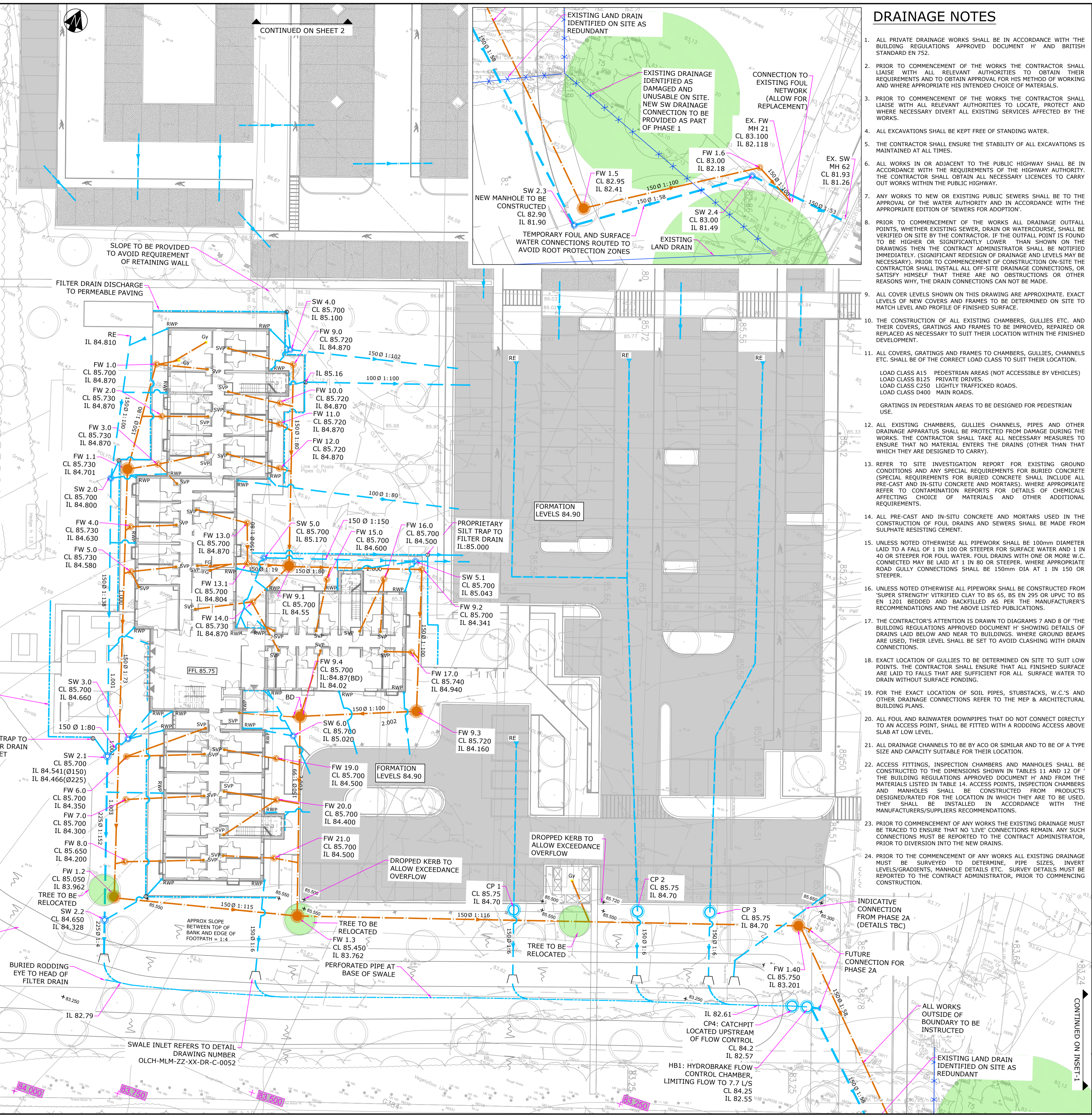
ALL SVPS ASSUMED TO BE 100Ø UP TO FIRST MANHOLE/INSPECTION CHAMBER. ALL SIZES AND POSITIONS TO BE CONFIRMED BY MEP DESIGNER.

ALL FILTER DRAINS TO DISCHARGE VIA SILT TRAPS.

DRAINAGE LAYOUT SUBJECT TO DETAILED COORDINATION WITH LANDSCAPE DESIGN (INCLUDING TREE POSITIONS).

**KEY**

- EXISTING FOUL SEWER
- EXISTING SURFACE WATER SEWER
- PROPOSED SURFACE WATER SEWER
- PROPOSED SURFACE WATER MANHOLE
- PROPOSED SURFACE INSPECTION CHAMBER
- PROPOSED FOUL SEWER
- PROPOSED FOUL WATER MANHOLE
- PROPOSED FOUL WATER IC
- RAINWATER PIPE LOCATIONS (REFER TO ARCHITECT'S DRAWINGS)
- SOIL & VENT PIPE LOCATIONS (REFER TO MEP DRAWINGS)
- RODDING EYE
- GULLY
- THRESHOLD DRAIN
- AREA OF CAR PARK WITH PERMEABLE GRANULAR SUB-BASE. PARKING BAYS TO BE PERMEABLE REINFORCED GRAVEL. NON-PERMEABLE ASPHALT SURFACE PROPOSED TO AISLES.
- FILTER DRAIN
- PERFORATED PIPE
- EXISTING LEVEL
- PROPOSED LEVEL
- PROPRIETARY SILT TRAP (WAVIN DOMESTIC SILT TRAP O.S.A.)



**DRAINAGE NOTES**

- ALL PRIVATE DRAINAGE WORKS SHALL BE IN ACCORDANCE WITH THE BUILDING REGULATIONS APPROVED DOCUMENT H AND BRITISH STANDARD EN 752.
- PRIOR TO COMMENCEMENT OF THE WORKS THE CONTRACTOR SHALL LIAISE WITH ALL RELEVANT AUTHORITIES TO OBTAIN THEIR REQUIREMENTS AND TO OBTAIN APPROVAL FOR HIS METHOD OF WORKING AND WHERE APPROPRIATE HIS INTENDED CHOICE OF MATERIALS.
- PRIOR TO COMMENCEMENT OF THE WORKS THE CONTRACTOR SHALL LIAISE WITH ALL RELEVANT AUTHORITIES TO LOCATE, PROTECT AND WHERE NECESSARY DIVERT ALL EXISTING SERVICES AFFECTED BY THE WORKS.
- ALL EXCAVATIONS SHALL BE KEPT FREE OF STANDING WATER.
- THE CONTRACTOR SHALL ENSURE THE STABILITY OF ALL EXCAVATIONS IS MAINTAINED AT ALL TIMES.
- ALL WORKS IN OR ADJACENT TO THE PUBLIC HIGHWAY SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE HIGHWAY AUTHORITY. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY LICENCES TO CARRY OUT WORKS WITHIN THE PUBLIC HIGHWAY.
- ANY WORKS TO NEW OR EXISTING PUBLIC SEWERS SHALL BE TO THE APPROVAL OF THE WATER AUTHORITY AND IN ACCORDANCE WITH THE APPROPRIATE EDITION OF SEWERS FOR ADOPTION.
- PRIOR TO COMMENCEMENT OF THE WORKS ALL DRAINAGE OUTFALL POINTS, WHETHER EXISTING SEWER, DRAIN OR WATERCOURSE, SHALL BE VERIFIED ON SITE BY THE CONTRACTOR. IF THE OUTFALL POINT IS FOUND TO BE HIGHER OR SIGNIFICANTLY LOWER THAN SHOWN ON THE DRAWINGS THEN THE CONTRACT ADMINISTRATOR SHALL BE NOTIFIED IMMEDIATELY. (SIGNIFICANT REDESIGN OF DRAINAGE AND LEVELS MAY BE NECESSARY) PRIOR TO COMMENCEMENT OF CONSTRUCTION ON-SITE THE CONTRACTOR SHALL INSTALL ALL OFF-SITE DRAINAGE CONNECTIONS, OR SATISFY HIMSELF THAT THERE ARE NO OBSTRUCTIONS OR OTHER REASONS WHY THE DRAIN CONNECTIONS CAN NOT BE MADE.
- ALL COVER LEVELS SHOWN ON THIS DRAWING ARE APPROXIMATE. EXACT LEVELS OF NEW COVERS AND FRAMES TO BE DETERMINED ON SITE TO MATCH LEVEL AND PROFILE OF FINISHED SURFACE.
- THE CONSTRUCTION OF ALL EXISTING CHAMBERS, GULLIES ETC. AND THEIR COVERS, GRATINGS AND FRAMES TO BE IMPROVED, REPAIRED OR REPLACED AS NECESSARY TO SUIT THEIR LOCATION WITHIN THE FINISHED DEVELOPMENT.
- ALL COVERS, GRATINGS AND FRAMES TO CHAMBERS, GULLIES, CHANNELS ETC. SHALL BE OF THE CORRECT LOAD CLASS TO SUIT THEIR LOCATION.
  - LOAD CLASS A15 PEDESTRIAN AREAS (NOT ACCESSIBLE BY VEHICLES)
  - LOAD CLASS B125 PRIVATE DRIVES.
  - LOAD CLASS C250 LIGHTLY TRAFFICKED ROADS.
  - LOAD CLASS D400 MAIN ROADS.
- GRATINGS IN PEDESTRIAN AREAS TO BE DESIGNED FOR PEDESTRIAN USE.
- ALL EXISTING CHAMBERS, GULLIES CHANNELS, PIPES AND OTHER DRAINAGE APPARATUS SHALL BE PROTECTED FROM DAMAGE DURING THE WORKS. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO ENSURE THAT NO MATERIAL ENTERS THE DRAINS (OTHER THAN THAT WHICH THEY ARE DESIGNED TO CARRY).
- REFER TO SITE INVESTIGATION REPORT FOR EXISTING GROUND CONDITIONS AND ANY SPECIAL REQUIREMENTS FOR BURIED CONCRETE (SPECIAL REQUIREMENTS FOR BURIED CONCRETE SHALL INCLUDE ALL PRE-CAST AND IN-SITU CONCRETE AND MORTARS), WHERE APPROPRIATE REFER TO CONTAMINATION REPORTS FOR DETAILS OF CHEMICALS AFFECTING CHOICE OF MATERIALS AND OTHER ADDITIONAL REQUIREMENTS.
- ALL PRE-CAST AND IN-SITU CONCRETE AND MORTARS USED IN THE CONSTRUCTION OF FOUL DRAINS AND SEWERS SHALL BE MADE FROM SULPHATE RESISTING CEMENT.
- UNLESS NOTED OTHERWISE ALL PIPEWORK SHALL BE 100mm DIAMETER LAID TO A FALL OF 1 IN 100 OR STEEPER FOR SURFACE WATER AND 1 IN 40 OR STEEPER FOR FOUL WATER. FOUL DRAINS WITH ONE OR MORE W.C. CONNECTED MAY BE LAID AT 1 IN 80 OR STEEPER. WHERE APPROPRIATE ROAD GULLY CONNECTIONS SHALL BE 150mm DIA AT 1 IN 150 OR STEEPER.
- UNLESS NOTED OTHERWISE ALL PIPEWORK SHALL BE CONSTRUCTED FROM SUPER STRENGTH VITRIFIED CLAY TO BS 65, BS EN 295 OR UPVC TO BS EN 1201 BEHIND AND BACKFILLED AS PER THE MANUFACTURER'S RECOMMENDATIONS AND THE ABOVE LISTED PUBLICATIONS.
- THE CONTRACTOR'S ATTENTION IS DRAWN TO DIAGRAMS 7 AND 8 OF THE BUILDING REGULATIONS APPROVED DOCUMENT H SHOWING DETAILS OF DRAINS LAID BELOW AND NEAR TO BUILDINGS, WHERE GROUND BEAMS ARE USED, THEIR LEVEL SHALL BE SET TO AVOID CLASHING WITH DRAIN CONNECTIONS.
- EXACT LOCATION OF GULLIES TO BE DETERMINED ON SITE TO SUIT LOW POINTS. THE CONTRACTOR SHALL ENSURE THAT ALL FINISHED SURFACE ARE LAID TO FALLS THAT ARE SUFFICIENT FOR ALL SURFACE WATER TO DRAIN WITHOUT SURFACE PONDING.
- FOR THE EXACT LOCATION OF SOIL PIPES, STUBSTACKS, W.C.'S AND OTHER DRAINAGE CONNECTIONS REFER TO THE MEP & ARCHITECTURAL BUILDING PLANS.
- ALL FOUL AND RAINWATER DOWNPIPES THAT DO NOT CONNECT DIRECTLY TO AN ACCESS POINT, SHALL BE FITTED WITH A RODDING ACCESS ABOVE SLAB AT LOW LEVEL.
- ALL DRAINAGE CHANNELS TO BE BY ACO OR SIMILAR AND TO BE OF A TYPE SIZE AND CAPACITY SUITABLE FOR THEIR LOCATION.
- ACCESS FITTINGS, INSPECTION CHAMBERS AND MANHOLES SHALL BE CONSTRUCTED TO THE DIMENSIONS SHOWN IN TABLES 11 AND 12 OF THE BUILDING REGULATIONS APPROVED DOCUMENT H AND FROM THE MATERIALS LISTED IN TABLE 14. ACCESS POINTS, INSPECTION CHAMBERS AND MANHOLES SHALL BE CONSTRUCTED FROM PRODUCTS DESIGNED/RATED FOR THE LOCATION IN WHICH THEY ARE TO BE USED. THEY SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS/SUPPLIERS RECOMMENDATIONS.
- PRIOR TO COMMENCEMENT OF ANY WORKS THE EXISTING DRAINAGE MUST BE TRACED TO ENSURE THAT NO LIVE CONNECTIONS REMAIN. ANY SUCH CONNECTIONS MUST BE REPORTED TO THE CONTRACT ADMINISTRATOR, PRIOR TO DIVERSION INTO THE NEW DRAINS.
- PRIOR TO THE COMMENCEMENT OF ANY WORKS ALL EXISTING DRAINAGE MUST BE SURVEYED TO DETERMINE PIPE SIZES, INVERT LEVELS/GRADIENTS, MANHOLE DETAILS ETC. SURVEY DETAILS MUST BE REPORTED TO THE CONTRACT ADMINISTRATOR, PRIOR TO COMMENCING CONSTRUCTION.

**NOTES**

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS AND SPECIALISTS DRAWINGS AND THE SPECIFICATION.
- DO NOT SCALE FROM THIS DRAWING MANUALLY OR ELECTRONICALLY. WRITTEN PERMISSION MUST BE OBTAINED FROM MLM PRIOR TO SCALING ELECTRONICALLY OR USING THIS ELECTRONIC FILE.
- THIS DRAWING HAS BEEN ISSUED ON THE ADVICE FROM THE CONTRACTOR THAT THERE HAS BEEN NO DEPARTURE FROM THE DESIGN INTENT SHOWN ON THE DRAWING. MLM CONSULTING ENGINEERS CAN GIVE NO GUARANTEE THAT THE INFRASTRUCTURE HAS BEEN BUILT IN STRICT ACCORDANCE WITH THIS DRAWING NOR THAT THERE HAVE NOT BEEN ANY SUBSEQUENT ALTERATIONS

**CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 2015**

**DESIGNERS HAZARD INFORMATION FOR CONSTRUCTION**

- IF YOU DO NOT FULLY UNDERSTAND THE RISKS INVOLVED DURING THE CONSTRUCTION OF THE ITEMS INDICATED ON THIS DRAWING ASK YOUR MANAGER, HEALTH & SAFETY ADVISOR OR A MEMBER OF THE DESIGN TEAM BEFORE PROCEEDING.
  - EXISTING BURIED UTILITIES
  - MANUAL LIFTING/HANDLING
  - DEEP EXCAVATIONS
  - CUTTING/DUST
- THE ABOVE NOTES REFER SPECIFICALLY TO THE INFORMATION SHOWN ON THIS DRAWING.  
REFER TO THE HEALTH AND SAFETY PLAN FOR FURTHER INFORMATION.

REV	DATE	REVISION	MADE	CHK	APP
P01	14.05.2019	FIRST ISSUE	MTU	AN	AN
P02	14.06.2019	UPDATES AS CLOUDED	MTU	SOT	AN
P03	25.06.2019	DRAINAGE UPDATED WHERE CLOUDED	MTU	AN	AN
P04	28.06.2019	WD COMMENTS INCORPORATED	MTU	AN	AN
P05	11.07.2019	SVPS AND TEMPORARY OUTFALL UPDATED	MTU	AN	AN
P06	25.07.2019	GENERAL AMENDMENTS	MTU	AN	AN
P07	26.07.2019	GENERAL AMENDMENTS	MTU	AN	AN
P08	02.08.2019	RWP AND SVPS UPDATED	MTU	AN	AN
P09	21.08.2019	FG ADDED	MTU	AN	AN
P10	02.09.2019	NORTHERN CAR PARK DRAINAGE UPDATED TO SUIT ARCHITECT LAYOUT	MTU	AN	AN
C01	25.06.2020	FINAL ISSUE	AN	AN	

**FINAL ISSUE**

SUITABILITY DESCRIPTION  
**AS CONSTRUCTION RECORD DOCUMENTATION**

Saxon House,  
23 Springfield Lyons Approach,  
Chelmsford, CM2 5LB  
Tel: 01245 359911  
Website: www.mlmgroupltd.com

CLIENT  
**WILLMOTT DIXON CONSTRUCTION LTD**

PROJECT  
**OAKLANDS COLLEGE HOMESTEAD**

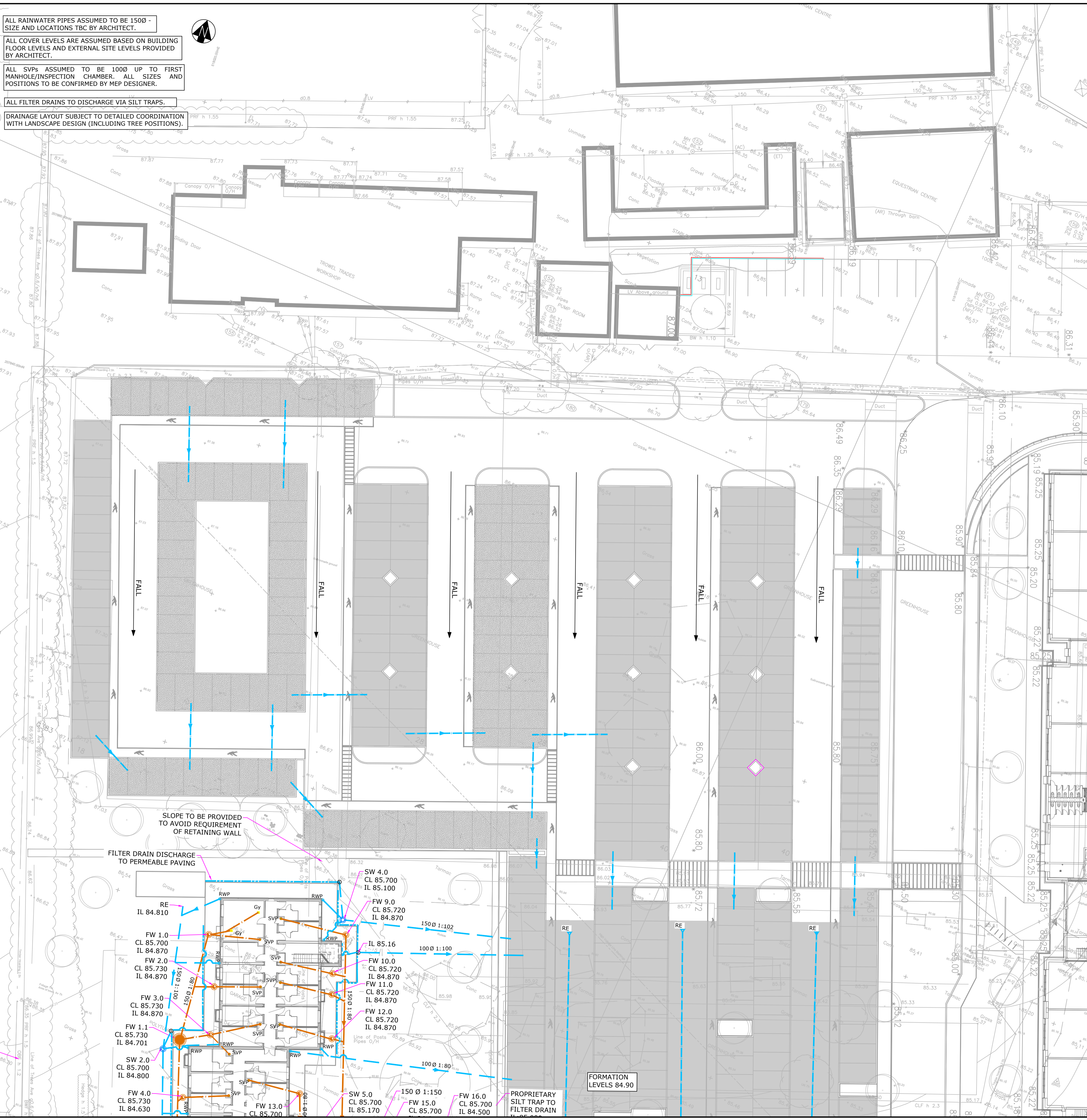
DRAWING TITLE  
**DRAINAGE STRATEGY GA SHEET 1**

DRAWN/DESIGN	MTU/AN	MLM REF	STATUS	REVISION	
SCALE	1:250 @A1	6600648	CR	C01	
PROJECT	ORIGINATOR	VOLUME/ LEVELS / SYSTEM / LOCATIONS	TYPE	ROLE	NUMBER
OLCH-MLM-ZZ-XX-DR-C-0020					



**KEY**

- EXISTING FOUL SEWER
- EXISTING SURFACE WATER SEWER
- PROPOSED SURFACE WATER SEWER
- PROPOSED SURFACE WATER MANHOLE
- PROPOSED SURFACE INSPECTION CHAMBER
- PROPOSED FOUL SEWER
- PROPOSED FOUL WATER MANHOLE
- PROPOSED FOUL WATER IC
- RAINWATER PIPE LOCATIONS (REFER TO ARCHITECT'S DRAWINGS)
- SOIL & VENT PIPE LOCATIONS (REFER TO MEP DRAWINGS)
- RODDING EYE
- GULLY
- THRESHOLD DRAIN
- AREA OF CAR PARK WITH PERMEABLE GRANULAR SUB-BASE. PARKING BAYS TO BE PERMEABLE REINFORCED GRAVEL. NON-PERMEABLE ASPHALT SURFACE PROPOSED TO AISLES.
- FILTER DRAIN
- PERFORATED PIPE
- EXISTING LEVEL
- PROPOSED LEVEL
- PROPRIETARY SILT TRAP (WAVIN DOMESTIC SILT TRAP O.S.A.)



**NOTES**

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS AND SPECIALISTS DRAWINGS AND THE SPECIFICATION.
2. DO NOT SCALE FROM THIS DRAWING MANUALLY OR ELECTRONICALLY. WRITTEN PERMISSION MUST BE OBTAINED FROM MLM PRIOR TO SCALING ELECTRONICALLY OR USING THIS ELECTRONIC FILE.
3. THIS DRAWING HAS BEEN ISSUED ON THE ADVICE FROM THE CONTRACTOR THAT THERE HAS BEEN NO DEPARTURE FROM THE DESIGN INTENT SHOWN ON THE DRAWING. MLM CONSULTING ENGINEERS CAN GIVE NO GUARANTEE THAT THE INFRASTRUCTURE HAS BEEN BUILT IN STRICT ACCORDANCE WITH THIS DRAWING NOR THAT THERE HAVE NOT BEEN ANY SUBSEQUENT ALTERATIONS

**CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 2015**

**DESIGNERS HAZARD INFORMATION FOR CONSTRUCTION**

1. IF YOU DO NOT FULLY UNDERSTAND THE RISKS INVOLVED DURING THE CONSTRUCTION OF THE ITEMS INDICATED ON THIS DRAWING ASK YOUR MANAGER, HEALTH & SAFETY ADVISOR OR A MEMBER OF THE DESIGN TEAM BEFORE PROCEEDING.
2. EXISTING BURIED UTILITIES
3. MANUAL LIFTING/HANDLING
4. DEEP EXCAVATIONS
5. CUTTING/DUST

THE ABOVE NOTES REFER SPECIFICALLY TO THE INFORMATION SHOWN ON THIS DRAWING.  
REFER TO THE HEALTH AND SAFETY PLAN FOR FURTHER INFORMATION.

KEY PLAN

REV	DATE	REVISION	MADE	CHK	APP
C01	25.06.2020	FINAL ISSUE		AN	AN
P06	02.09.2019	NORTHERN CAR PARK DRAINAGE UPDATED TO SUIT ARCHITECT LAYOUT	MTU	AN	AN
P05	25.07.2019	GENERAL AMENDMENTS	MTU	AN	AN
P04	11.07.2019	SVP'S UPDATED	MTU	AN	AN
P03	25.06.2019	DRAINAGE UPDATED WHERE CLOUDED	MTU	AN	AN
P2	14.06.2019	UPDATED TO ALIGN WITH MH SCHEDULE	MTU	SOT	AN
P1	14.05.2019	FIRST ISSUE	MTU	AN	AN

DRAWING STATUS: **FINAL ISSUE**

SUITABILITY DESCRIPTION: **AS CONSTRUCTION RECORD DOCUMENTATION**

**MLM Group**

Saxon House,  
23 Springfield Lyons Approach,  
Chelmsford, CM2 5LB  
Tel: 01245 359911  
Website: www.mlmgroupltd.com

CLIENT: **WILLMOTT DIXON CONSTRUCTION LTD**

PROJECT: **OAKLANDS COLLEGE HOMESTEAD**

DRAWING TITLE: **DRAINAGE STRATEGY GA SHEET 2**

DRAWN/DESIGN	SCALE	MLM REF	STATUS	REVISION
MTU/AN	1:250 @A1	6000648	CR	C01

PROJECT	ORIGINATOR	VOLUME/ SYSTEM	LEVELS & LOCATIONS	TYPE	ROLE	NUMBER
OLCH-MLM-ZZ-XX-DR-C						0021

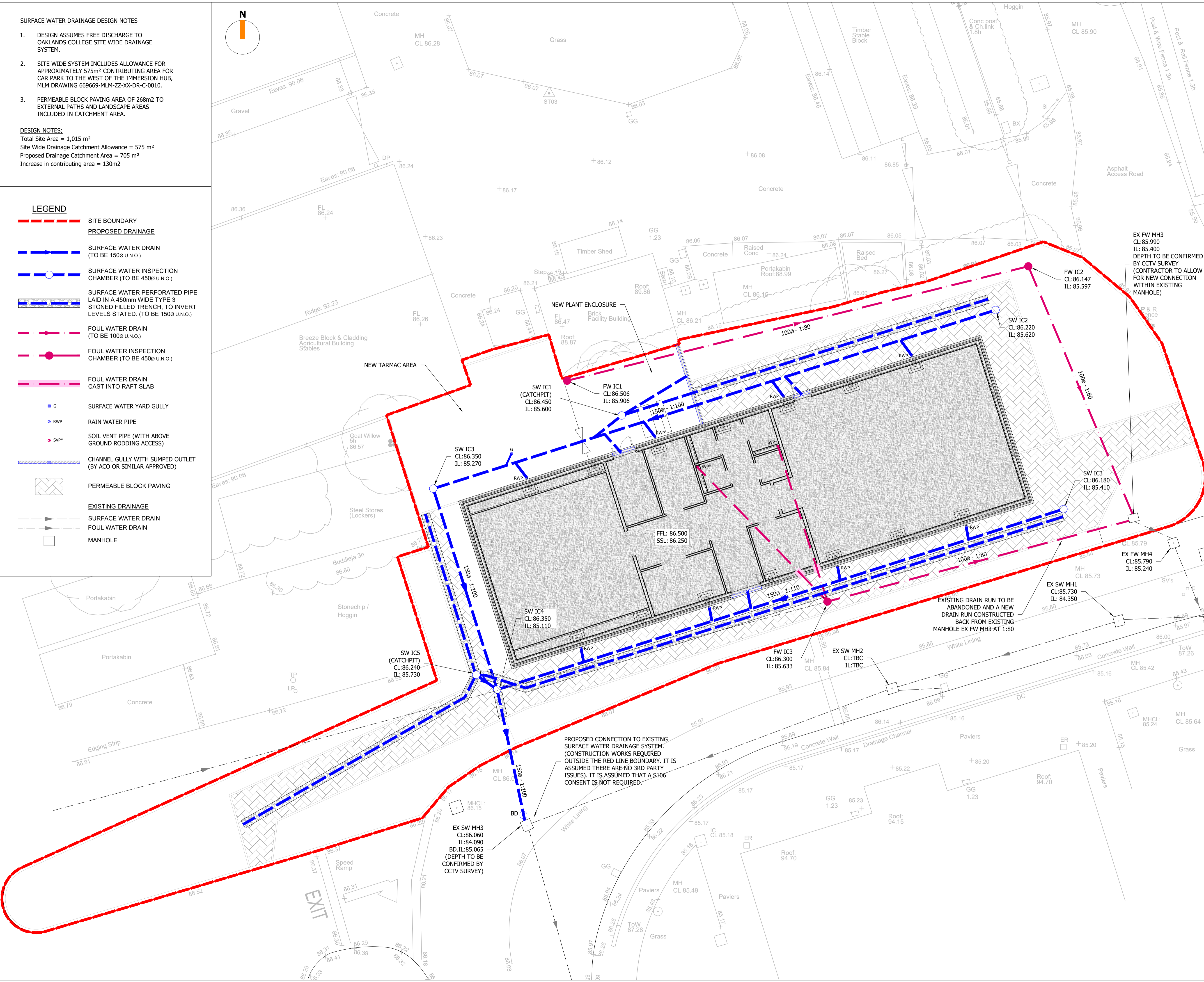
**SURFACE WATER DRAINAGE DESIGN NOTES**

- DESIGN ASSUMES FREE DISCHARGE TO OAKLANDS COLLEGE SITE WIDE DRAINAGE SYSTEM.
- SITE WIDE SYSTEM INCLUDES ALLOWANCE FOR APPROXIMATELY 575m<sup>2</sup> CONTRIBUTING AREA FOR CAR PARK TO THE WEST OF THE IMMERSION HUB, MLM DRAWING 669669-MLM-ZZ-XX-DR-C-0010.
- PERMEABLE BLOCK PAVING AREA OF 268m<sup>2</sup> TO EXTERNAL PATHS AND LANDSCAPE AREAS INCLUDED IN CATCHMENT AREA.

**DESIGN NOTES:**  
 Total Site Area = 1,015 m<sup>2</sup>  
 Site Wide Drainage Catchment Allowance = 575 m<sup>2</sup>  
 Proposed Drainage Catchment Area = 705 m<sup>2</sup>  
 Increase in contributing area = 130m<sup>2</sup>

**LEGEND**

- SITE BOUNDARY
- PROPOSED DRAINAGE
- SURFACE WATER DRAIN (TO BE 150Ø U.N.O.)
- SURFACE WATER INSPECTION CHAMBER (TO BE 450Ø U.N.O.)
- SURFACE WATER PERFORATED PIPE LAID IN A 450mm WIDE TYPE 3 STONED FILLED TRENCH, TO INVERT LEVELS STATED. (TO BE 150Ø U.N.O.)
- FOUL WATER DRAIN (TO BE 100Ø U.N.O.)
- FOUL WATER INSPECTION CHAMBER (TO BE 450Ø U.N.O.)
- FOUL WATER DRAIN CAST INTO RAFT SLAB
- G SURFACE WATER YARD GULLY
- RWP RAIN WATER PIPE
- SVP\* SOIL VENT PIPE (WITH ABOVE GROUND RODDING ACCESS)
- CHANNEL GULLY WITH SUMPED OUTLET (BY ACO OR SIMILAR APPROVED)
- ▨ PERMEABLE BLOCK PAVING
- EXISTING DRAINAGE
- SURFACE WATER DRAIN
- FOUL WATER DRAIN
- MANHOLE



PROPOSED CONNECTION TO EXISTING SURFACE WATER DRAINAGE SYSTEM. (CONSTRUCTION WORKS REQUIRED OUTSIDE THE RED LINE BOUNDARY. IT IS ASSUMED THERE ARE NO 3RD PARTY ISSUES). IT IS ASSUMED THAT A S106 CONSENT IS NOT REQUIRED.

EXISTING DRAIN RUN TO BE ABANDONED AND A NEW DRAIN RUN CONSTRUCTED BACK FROM EXISTING MANHOLE EX FW MH3 AT 1:80

- NOTES:**
- DRAWING PRODUCED USING TOPOGRAPHICAL SURVEY PROVIDED BY SURVEY SOLUTIONS, DRAWING NUMBER 63214BWUG-01, DATED 22/12/2023.
  - DRAWING PRODUCED USING LEVEL 00 - SETTING OUT PLAN PROVIDED BY SAUNDERS BOSTON ARCHITECTS, DRAWING NUMBER: 2086-SBA-IL-00-DR-A-1402, REVISION P01. DATED 27/06/2024.
  - DRAWING PRODUCED USING ORIGINAL DRAINAGE STRATEGY PROVIDED BY CONISBEE, DRAWING NUMBER: 231080-CON-XX-00-DR-C-1000, REVISION P03. DATED 10/06/2024. EXISTING DRAINAGE TAKEN FROM THIS SCHEME.
  - DRAWING PRODUCED USING EXTERNAL WORKS PLAN PROVIDED BY SAUNDERS BOSTON ARCHITECTS, DRAWING NUMBER: 2086-SBA-ZZ-DR-A-1101, REVISION P02. DATED 23/09/2024.
  - FOUL WATER PIPE MATERIAL TO BE CONFIRMED, SUBJECT TO CONFIRMATION OF EFFLUENT TYPE FROM PROPOSED BUILDING.
  - IT IS ASSUMED ABOVE GROUND RODDING CAN BE PROVIDED WITHIN THE PROPOSED BUILDING FOR EACH OF THE SVP'S SHOWN.
  - IT IS ASSUMED THERE IS SUFFICIENT CAPACITY WITHIN THE OFF-SITE FOUL AND SURFACE WATER NETWORK TO ACCOMMODATE THE PROPOSED FLOWS FROM THE DEVELOPMENT SITE. IT IS ASSUMED THAT THE EXISTENT DRAINAGE IS IN GOOD CONDITION, AND THE CONNECTIONS CAN BE MADE VIA GRAVITY. IT IS RECOMMENDED A CCTV SURVEY IS UNDERTAKEN WITHIN EXISTING MANHOLE.
  - IT IS ASSUMED THE OUTFALL CONNECTION WILL NOT BE SUBJECT TO A S106 APPLICATION.
  - AWAITING PAS128 SERVICES TRACE SURVEY. IT IS ASSUMED THE PROPOSED GROUND WORKS CAN BE COMPLETED AND CO-ORDINATED WITH ANY EXISTING SERVICES PRESENT. M&E ENGINEER TO CONFIRM.
  - IT IS ASSUMED THERE ARE NO TREE PROTECTION MEASURE REQUIRED AND THAT THE GROUNDWORKS CAN BE COMPLETED AS SHOWN. TBC BY ARBORCULTURALIST.
  - PERMEABLE PAVING TO CONNECT TO PROPOSED SURFACE WATER NETWORK, DETAILS TO BE CONFIRMED.

AB1	18.03.25	GK/GW	DRAINAGE AMENDED TO SUIT DRAINAGE MARK UP RECEIVED. AS BUILT ISSUE
P05	01.11.24	GK/GW	CATCHPIT NOTE ADDED TO SWIC4
P04	07.10.24	GK/GW	UPDATED TO SUIT CO-ORDINATION MEETING 07/10/2024.
P03	01.10.24	GK/GW	EXTERNAL WORKS PLAN UPDATED AND FFL CHANGED. DRAINAGE AMENDED TO SUIT.
P02	13.09.24	GK/GK	SURFACE WATER GULLY ADDED, LEGEND AMENDED TO SUIT. REVISED AS CLOUDED
P01	30.08.24	GK/GW	ISSUED FOR INFORMATION
REV	DATE	DRAWN/CHK	REVISION INFO

**AS BUILT**

CLIENT:  
**BOOM CONSTRUCTION**

PROJECT:  
**OAKLANDS COLLEGE  
HATFIELD ROAD, ST ALBANS  
AL4 0JA**

DRAWING TITLE:  
**PROPOSED DRAINAGE LAYOUT**

JOB NUMBER:	SCALE AT A1:	REV. STATUS:
<b>SE2320</b>	<b>1:100</b>	<b>AB</b>
DRAWING NUMBER:	REVISION:	
<b>2320-ISS-XX-XX-DR-C-3050</b>	<b>AB1</b>	