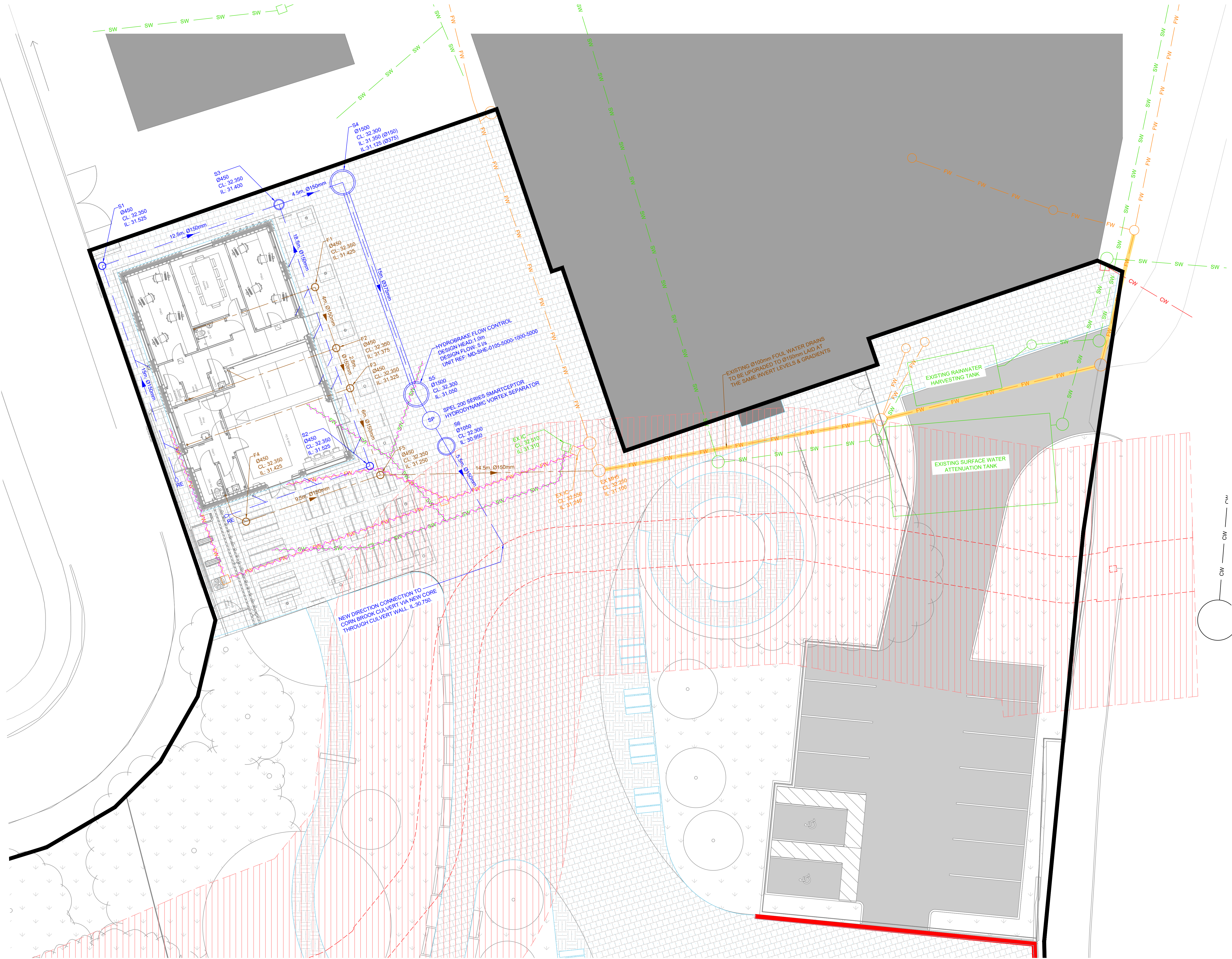
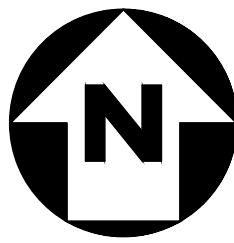


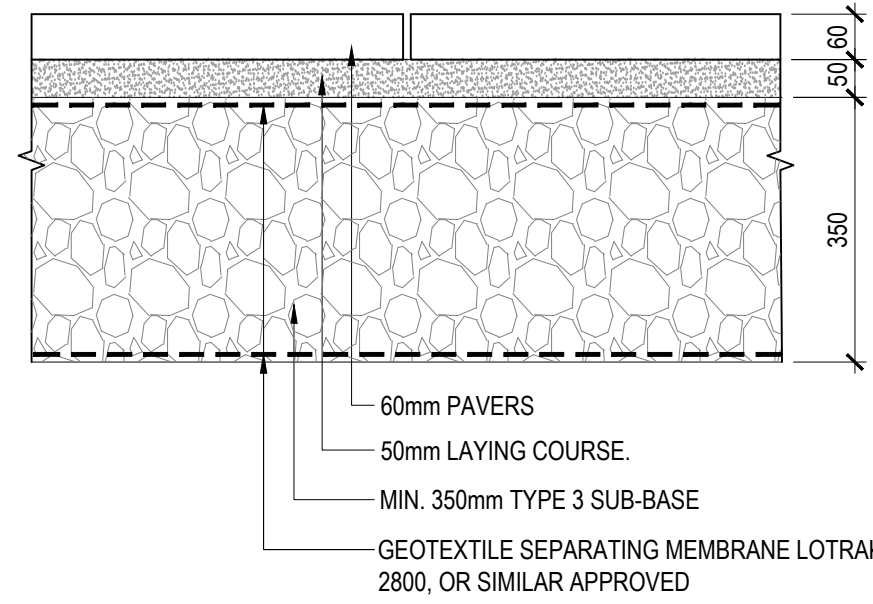


LEGEND

- SW — SW — SW — EXISTING ADOPTED SURFACE WATER SEWER
- CW — CW — CW — EXISTING ADOPTED COMBINED WATER SEWER
- FW — FW — FW — EXISTING PRIVATE SURFACE WATER DRAIN
- FW — FW — FW — EXISTING PRIVATE FOWL WATER DRAIN
- FW — FW — FW — EXISTING PRIVATE COMBINED WATER DRAIN
- FW — FW — FW — EXISTING PRIVATE DRAINAGE TO BE REMOVED
- — — — — EXISTING SURFACE WATER CULVERT
- — — — — EXISTING SURFACE WATER CULVERT - 7m EASEMENT
- — — — — PROPOSED PRIVATE SURFACE WATER SEWER
- — — — — PROPOSED PRIVATE WASTE WATER SEWER
- — — — — PROPOSED ATTENUATION TANK
- — — — — PROPOSED PERMEABLE SURFACING
- — — — — DENOTES RETAINING WALL
- — — — — SITE BOUNDARY

DRAINAGE NOTES

- REFERENCE SHOULD BE MADE TO THE DRAINAGE STRATEGY DOCUMENT REF: LCNP-WML-00-XV-RP-D-053.
- THE EXISTING DRAINAGE SHOWN ON THIS DRAWING IS BASED UPON THE UNITED UTILITIES (U) SEWER RECORDS, CCTV SURVEY UNDERTAKEN BY BLOCKED DRAINS NORTHWEST (APRIL 2024) AND AS-BUILT DRAINAGE RECORDS.
- THE LOCATION OF THE EXISTING SURFACE WATER CULVERT IS SHOWN INDICATIVE ONLY AND IS BASED UPON SURVEY INFORMATION UNDERTAKEN BY MALCOLM HUGHES CHARTERED SURVEYORS- APRIL 2023.
- ALL DRAINAGE LEVELS SHOWN ARE FOR INFORMATION PURPOSES ONLY AND ARE BASED UPON THE EXISTING TOPOGRAPHICAL SURVEY. PROPOSED FINISHED LEVELS ARE TO BE PROVIDED BY 10 ARCHITECTS PRIOR TO DETAILED DESIGN.
- THE ARCHITECT IS RESPONSIBLE FOR CONFIRMING ALL MANHOLE COVER LEVELS PRIOR TO CONSTRUCTION.
- THE PROPOSED DRAINAGE DESIGN INFORMATION SHOWN ON THIS DRAWING IS FOR INFORMATION PURPOSES ONLY AND IS SUBJECT TO DETAILED DESIGN.
- RAIN WATER PIPES AND SLAB PENETRATIONS ARE SHOWN INDICATIVE ONLY. ARCHITECT/MEP ENGINEER IS TO CONFIRM FINAL SETTING OUT INFORMATION PRIOR TO CONSTRUCTION.
- (BD) DENOTES EXTERNAL BACKDROP
- (CP) DENOTES 'CATCH PIT' WITH 500mm DEEP SUMP BELOW OUTGOING INVERT LEVEL
- (FC) DENOTES FLOW CONTROL CHAMBER
- (PVD) DENOTES PERMAVOID DIFFUSER UNITS
- (VC) DENOTES VENTED COVER



- ALL WORKS TO BE IN ACCORDANCE WITH BS7533-3 GENERALLY.
- PAVER: THICKNESS 60mm
- MATERIAL: AS SPECIFIED BY ARCHITECT
- LAYING COURSE: THICKNESS 50mm
- MATERIAL: IN ACCORDANCE WITH Q24/455A
- ROADBASE: NON REQUIRED.
- MATERIAL: NA
- GRANULAR SUB-BASE AS SECTION Q20 OF WML SPECIFICATION THICKNESS 350 mm (SHW803 TYPE 3 GSB - MINIMUM 30% VOID RATIO).
- JOINTING: NARROW JOINTS TO ARCHITECTS DETAIL
- MATERIAL: IN ACCORDANCE WITH Q24/510A
- LAYING PATTERN: AS SPECIFIED BY ARCHITECT.
- ASSUMED CBR: 5% (SUBJECT TO CONFIRMATION OF CBR TESTS BY SITE INVESTIGATION SPECIALIST AFTER SITE STRIP)
- ADDITIONAL FILLING REQUIRED TO RAISE SURFACE LEVEL FOLLOWING SITE STRIP TO BE IN ACCORDANCE WITH Q20, (SH803 TYPE 3 GSB).
- ALL MATERIAL WITHIN 450MM OF SURFACE LEVEL TO BE NON-FROST SUSCEPTIBLE. IF ENCOUNTERED NOTIFY WML REPLACEMENT FILL TO BE GRADE #P2 OR #P3 UNLESS AGREED OTHERWISE.

TYPICAL DETAIL PERMEABLE BRICK / BLOCK PAVING TO FOOTPATHS

(SCALE 1:10)



GENERAL NOTES

- DO NOT SCALE FROM THIS DRAWING WORK TO FIGURED DIMENSIONS ONLY.
- NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS ALLOWED WITHOUT PRIOR PERMISSION IN WRITING.
- ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS AND THE SPECIFICATION.
- THE CONTRACTOR SHALL INCORPORATE ALL THE REQUIREMENTS OF THE PRE-TENDER STAGE HEALTH AND SAFETY PLAN.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH WML DRAINAGE DETAIL DRAWINGS FOR DETAILS OF MATERIALS AND WORKMANSHIP REFER TO THE SPECIFICATION.
- THE CONTRACTOR IS RESPONSIBLE FOR CHECKING INVERT LEVELS AND POSITIONS OF ALL EXISTING DRAINS, SEWERS, INSPECTION CHAMBERS AND MANHOLES SHOWN ON THIS DRAWING IMMEDIATELY ON SITE ESTABLISHMENT. ANY DISCREPANCIES MUST BE REPORTED TO WML CONSULTING IMMEDIATELY.
- WHERE THE NEW SITE DRAINAGE CONNECTS IN TO EXISTING MANHOLES IN CARRIAGEWAYS AND/OR EXISTING ADOPTED SEWERS, THE CONTRACTOR IS RESPONSIBLE FOR ALL LIAISON WITH THE RELEVANT STATUTORY UNDERTAKER AND LOCAL AUTHORITY WITH REGARD TO ROAD CLOSURES, TRAFFIC MANAGEMENT, PERMITS TO WORK, SUBMISSION OF CONTRACTORS METHOD STATEMENTS AND RISK ASSESSMENTS AND OTHER DOCUMENTATION AND CORRESPONDENCE ASSOCIATED WITH THE SITE STAGE (PART 2) ELEMENT OF THE WORKS.

- ROCKER PIPES TO BE PROVIDED AT ALL CONCRETE CASED INTERFACES.
- PROVIDE ADEQUATE PROTECTION TO MAINTAIN MINIMUM COVER TO DRAINS DURING THE CONSTRUCTION PERIOD.
- COVER LEVELS ON THIS DRAWING ARE FOR INFORMATION PURPOSES ONLY.

- THE LAYOUT OF DRAINAGE ON THIS DRAWING IS FOR INFORMATION PURPOSES ONLY.
- U.N.O SURFACE WATER DRAINAGE PIPES OVER Ø100mm TO BE TWIN WALLED STRUCTURED PLASTIC APPROVED BY THE ENGINEER.
- U.N.O FOWL WATER DRAINAGE PIPES TO BE SUPERSLEVE VITRIFIED CLAY PIPES OR SIMILAR.

- ALL COVERS AND RODDING ACCESS POINTS TO BE SEALED AND SCREWED TIGHT.
- ALL INTERNAL MANHOLE COVERS TO BE DOUBLE SEALED, LOCKABLE AND RECESSED TO ACCEPT FLOOR FINISHES WHERE APPLICABLE.

- SETTING OUT OF ALL INTERNAL GULLY/PLUMBING CONNECTIONS TO BE CO-ORDINATED BETWEEN THE SERVICE ENGINEERS AND THE ARCHITECT.
- ALL INTERNAL GULLIES, PLUMBING CONNECTIONS, SOIL STACKS, SVPS AND ALL OTHER CONNECTIONS OF FOUL AND SURFACE WATER DRAINS TO BELOW GROUND TO BE FITTED WITH ACCESSIBLE RODDING POINTS ABOVE SLAB LEVEL.

- ALL SURFACE WATER CONNECTIONS TO BE 100mm DIAMETER AT MINIMUM FALLS OF 1:80 UNLESS NOTED OTHERWISE.

- ALL FOUL WATER CONNECTIONS TO BE 100mm DIAMETER AT MINIMUM FALLS OF 1:40 UNLESS NOTED OTHERWISE.

- ALL CONNECTIONS TO BE MADE IN ACCORDANCE WITH STANDARD DETAIL DRAWINGS.

- ALL PIPEWORK TO BE INSTALLED WITH SOFFITS LEVEL (E.G. AT CHANGES IN PIPE SIZE) U.N.O.

- FOR DETAILS OF GREASE TRAP/MACERATOR REQUIREMENTS ASSOCIATED WITH KITCHENS REFER TO SERVICE ENGINEER.

- ON COMPLETION OF DRAINAGE WORKS, THE NEW DRAINAGE SYSTEM IS TO BE THOROUGHLY CLEANED AND A CCTV SURVEY CARRIED OUT TO CONFIRM NO CONSTRUCTION DEBRIS OR BLOCKAGES REMAIN.

- CONNECTIONS TO CARRIER DRAINS ARE TO BE 'Y' JUNCTIONS.
- ALL PRIVATE DRAINAGE IS TO COMPLY WITH BS EN 752 AND BUILDING REGS. PART H.

- PIPE GRADIENTS ARE INDICATIVE MINIMUMS.
- SURFACE CHANNEL DRAINS TO BE ACO MULTIDRAIN OR SIMILAR.

MANHOLES:

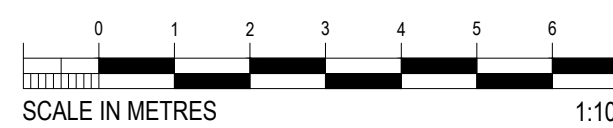
- ALL PROPOSED NEW MANHOLES TO BE PRECAST RING MANHOLES TYPE B UNLESS NOTED OTHERWISE. INTERNAL DIAMETERS OF MANHOLES TO BE 1050mm WHERE DEPTH TO PIPE SOFFIT IS LESS THAN 1.5m AND 1200mm Ø ELSEWHERE UNLESS NOTED OTHERWISE. IC - DENOTES POLYPROPYLENE INSPECTION CHAMBER BY HEPWORTHY OR SIMILAR APPROVED INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.

MANHOLE COVERS:

- CARRIAGEWAYS GENERAL - EN124 CLASS D400
- CARRIAGEWAYS WITHIN 0.5m OF KERB - EN124 CLASS C250
- SLOW MOVING HGV (S8) - EN 124 CLASS B125 SLOW MOVING
- GLV (V10), EN 124 CLASS B125 SLOW MOVING PRIVATE CARS - EN124 CLASS B125
- INTERNAL - JONES OF OSWESTRY - SUPRASTEEL DOUBLE SEALED WITH NEOPRENE GASKET AND COVER GREASE OR SIMILAR APPROVED.
- REFER TO ARCHITECTS DRAWINGS FOR DETAILS OF ANY MANHOLE COVERS WHICH REQUIRE INSET PANELS.

SUBJECT TO APPROVAL FROM
LOCAL PLANNING AUTHORITY

PRELIMINARY



P03	REVISED TO SUIT LLFA COMMENTS.	17.08.24	DB	LoG
P02	PLANNING ISSUE.	16.05.24	DB	LoG
P01	PRELIMINARY ISSUE.	16.05.24	DB	LoG
Rev.	Amendment	Date	By	Chkd
Project St VINCENT'S, LORETO COLLEGE				
ARCHCLIENT CaddickConstruction.				
Title PROPOSED DRAINAGE GA				
WML Job No.	Drawn	Checked	Date	Scale
10939	DB	LoG	MAY 2024	1:100 @ A0
WML CONSULTING No.8 Oak Green East Road Barnley Green Business Park Chesham Bucks G2L Tel 01494 682 000 Fax 01494 682 010 e-mail info@wmlconsulting.com www.wmlconsulting.com				
Drawing No. Project Originator Volume Level Type Role Number Rev				
LCNP - WML - 00 - FN - DR - D - 5201 P03				