## ADOPTABLE SEWER NOTES:

1. ALL ADOPTABLE SEWER WORKS AND MATERIAL TO BE IN ACCORDANCE WITH "CODE FOR ADOPTION": THE RELEVANT BRITISH/EUROPEAN AND THE ADOPTING WATER AUTHORITY'S STANDARDS/REQUIREMENTS/ADDENDUM TO THE MECHANICAL AND ELECTRICAL SPECIFICATION AND KITEMARKED.
2. DRAINAGE SYSTEMS TO COMPLY WITH BS EN 476 AND BS EN 752.
3. ALL COMPONENTS USED IN DRAINAGE SYSTEMS TO COMPLY WITH THE FOLLOWING: BS EN 476:2011.
4. ALL DRAINAGE SYSTEMS AND COMPONENTS TO BE CONSTRUCTED AND TESTED TO THE FULL SATISFACTION OF THE RELEVANT ADOPTING AUTHORITY, AND IN ACCORDANCE WITH BS EN 1610.
5. "VC" DENOTES VITRIFIED CLAY. VITRIFIED CLAY PIPES AND FITTINGS TO COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 295-1:2013, -2:2012, -3:2012 AND BS 65 RESPECTIVELY AND BE KITEMARKED. ALL PIPES SHALL BE EXTRA STRENGTH TO BS 65 OR EQUIVALENT TO BS EN 295 PIPE CRUSHING STRENGTH.
6. MANHOLE COVERS AND FRAMES SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 124-2 TO E2015 AND BS 7903. MANHOLE COVERS AND FRAMES TO BE OF A NON-RODKING DESIGN WITH CUSHION INSERTS AND KITEMARKED. LOAD CLASS D400 TO BE USED IN VEHICULAR TRAFFICKED AREAS. ALL COVERS TO BE BADGED "FW" OR "SW" AS APPROPRIATE. MANHOLE COVER SLABS AND ACCESS TO BE IN ACCORDANCE WITH CONCRETE PIPE ASSOCIATION TECHNICAL BULLETIN ISSUED SEPTEMBER 2001.
7. NO MECHANICAL COMPACTION OF FILL MATERIAL WITHIN 300mm OF THE CROWN OF ANY PIPE.
8. MORTAR TO COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 998-2:2016 AND PD 6678:2005
9. COVER AND FRAME BEDDING MORTAR TO COMPLY WITH THE DESIGN MANUAL FOR ROADS AND BRIDGES VOLUME 4, SECTION 2, PART 5 HA 104/09 CHAPTER 6, AND THE RELEVANT PROVISIONS OF THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAYS WORKS VOLUMES 1 AND 2.
10. MANHOLE COVERS SHALL/MUST HAVE A CLEAR OPENING OF 600mm AND SHALL BE CLASS D400 TO BS EN 124 WITH 150mm DEEP FRAMES IN HIGHWAYS.
11. FILLED GROUND MUST BE FILLED AND CONSOLIDATED UNDER THE SUPERVISION AND TO THE SATISFACTION OF THE ADOPTING WATER AUTHORITY BEFORE ANY SEWER WORKS ARE CARRIED OUT.
12. COVER SLABS MUST CARRY THE BSI KITEMARK. WHERE THE CLEAR OPENING OF THE KITEMARKED PRODUCT IS DIFFERENT TO THAT OF THE COVER AND FRAME, A LOADING BEARING SLAB SHOULD BE FITTED ABOVE THE COVER SLAB TO BRING THE SIZE DOWN TO THE COVER FRAME OPENING SIZE. PLEASE REFER TO CONCRETE PIPE SYSTEMS ASSOCIATION (CPSA), TECHNICAL BULLETIN ISSUED AUTUMN 2004 FOR KITEMARKED COVER SLAB OPENING SIZES.
13. SULPHATE RESISTANT CEMENT (C20-DC2) AND PRECAST CONCRETE PRODUCTS MUST BE USED OR A LABORATORY REPORT PROVIDED PROVING THAT SUCH PRECAUTIONS ARE NOT NECESSARY.
14. THE ADOPTABLE SEWERS SHOULD BE A MINIMUM OF 1m AND MANHOLES 0.5m FROM KERB FACES AND SERVICE MARGINS.
15. SEWERS MUST HAVE 5 METRES CLEARANCE FROM TREES AND HEDGES.
16. SEWERS TO BE LAID IN CLASS "S" BEDDING (150mm GRANULAR BED AND SURROUND). FOR PIPES NOT LOCATED IN FILTER TRENCHES, WHERE DEPTH OF COVER TO TOP OF THE SEWER IS LESS THAN 1.2m IN HIGHWAYS AND VERGES (OR LESS THAN 900mm IN NONE VEHICULAR ACCESS AREAS) THEN A CONCRETE SLAB SHOULD BE PROVIDE ABOVE GRANULAR BED AND SURROUND.
17. BEDDING AND BACKFILL MATERIAL TO CONFORM TO THE REQUIREMENT OF WATER INDUSTRY SPECIFICATION 4-08-02 (TABLE A2).
18. THE CHAMBER SIZE OF MANHOLES WITH MORE THAN ONE CONNECTION IN THEM MAY NEED TO BE INCREASED AN INCREMENT TO ACCOMMODATE THE CONNECTIONS AND BENDS.
19. ADOPTABLE PLASTIC SEWER PIPES TO BE BSI KITEMARKED (CERTIFIED TO WIS 4-35-01 AND BS/EN13476). ADOPTABLE PLASTIC SEWER PIPES TO BE LAID IN MAXIMUM 3 METRE LENGTHS UNLESS THERE IS A SPECIFIC OPERATIONAL NEED TO LAY LONGER LENGTHS. PLASTIC SEWER PIPES TO ENABLE 2000PSI WITHSTANDING PRESSURE. PLASTIC CHANNEL SECTIONS IN MANHOLES ARE NOT ACCEPTABLE AND PREFERENCE IS FOR CLAY/MARE CHANNEL IN MANHOLES. THIS IS IS DUE TO THAT TYPICALLY PLASTIC CHANNELS ARE DIFFICULT TO SET IN CONCRETE BECAUSE THEY FLOAT AND A SATISFACTORY FINISH CANNOT BE OBTAINED ON THE BENCHING.
20. THE MINIMUM CRUSHING STRENGTH FOR CLAY PIPES SHOULD BE AS FOLLOWS: 100mm DIA. 40kN/m, 150mm DIA. 40kN/m, 225mm DIA. 45kN/m AND 300mm DIA. 72kN/m. THE MINIMUM CRUSHING STRENGTH FOR CONCRETE PIPES SHOULD BE - CLASS 120 TO EN 19/BS8911-1 2002). PLASTIC PIPES SHOULD CONFORM TO WIS 4-35-01 AND BS EN13476.
21. WHERE A B125 COVER AND FRAME HAS BEEN APPROVED, THIS MUST NOT BE COATED IN PLASTIC AND MUST HAVE LIFTING EYES SUITABLY SIZED TO ACCOMMODATE STANDARD LIFTING KEYS. SCREW DOWN COVERS ARE NOT ACCEPTABLE.

## BIO-SWALE NOTES:

1. BED PROFILE MAY BE SUBJECT TO ECOLOGICAL REQUIREMENTS. A BENTONITE GEOSYNTHETIC CLAY LINEAR IS TO BE USED IN ALL BASINS UNDER 300mm OF COVER MATERIAL.
2. ALLOW FOR 150mm OF TOPSOIL TO BANKING FOR PLANTING OF GRASSED SLOPES.
3. ALL PLANTING TO BE CONFIRMED BY A SPECIALIST SUPPLIER/LANDSCAPE ARCHITECT.
4. PLEASE NOTE THERE WILL AREAS OF THE SWALE WHICH WILL BE WET MORE FREQUENTLY. THIS WILL HAVE AN EFFECT ON THE CHOICE OF PLANTING SPECIES TO THE BASE OF THE SWALE IS SUITED TO MESTICURY CONDITIONS. ANY NURSERIES USED MUST BE ACCREDITED.
5. IT IS SUGGESTED PHEASANT GRASS ANTI-EROSION CONTROL MEMBRANE IS USED BOTH TO PROMOTE EARLY VEGETATION ESTABLISHMENT AND BANKING STABILISATION.
6. DEEP WATER SIGNAGE AND LIFEBUOY IN SUITABLE HOUSING TO BE PROVIDED FOR HEALTH AND SAFETY OF GENERAL PUBLIC. POSITIONED AT SUITABLE INTERVALS TBC WITH CLIENT

## PLANTING NOTES:

7. WHEN SELECTING PLANTS SITE CHARACTERISTICS, DRAINAGE, SLOPE AND ORIENTATION SHOULD BE TAKEN INTO ACCOUNT.
8. CONSIDERATION SHOULD BE GIVEN TO HOW PLANT CHARACTERISTICS WILL AFFECT THE LANDSCAPE AESTHETICS AND THE PERFORMANCE OF THE STRUCTURAL STORMWATER CONTROL OR CONVEYANCE.
9. THE LONG TERM VEGETATION MANAGEMENT REQUIREMENTS SHOULD BE GIVEN FULL CONSIDERATION, AS THESE WILL BE A MAINTENANCE ISSUE FOR THE CLIENT.
10. EXISTING NATURAL VEGETATION SHOULD BE PRESERVED WHERE POSSIBLE.
11. NATIVE PLANTS SHOULD BE SELECTED THAT CAN THRIVE IN ON-SITE SOILS WITH NO ROUTINE OR INTENSIVE CHEMICAL APPLICATIONS.
12. FENCING IS TO BE PROVIDED AS REQUIRED TO DEEP WATER SWALES AND BASIN, FINAL SPECIFICATION TO BE DISCUSSED WITH ARCHITECT/CLIENT

## TREES/SHRUBS NOTES:

13. TREES OR LARGE SHRUBS SHOULD NOT BE GROWN ON OR VERY CLOSE TO WATER-IMPOUNDING BERMS TO ENSURE EMBANKMENT INTEGRITY AND ALLOW UNOBSTRUCTED VISIBILITY OF BERM SLOPES FOR DETECTING POTENTIAL STRUCTURAL PROBLEMS, SUCH AS ANIMAL BURROWS, SLIPPING, OR FRACTURES IN THE BURM.
14. TREES AND SHRUBS PLANTED OR ALLOWED TO GROW WITHIN 5m OF WATER-IMPOUNDING BERMS SHOULD NOT BE TALLER THAN 6m WHEN MATURE. THEY SHOULD HAVE A FIBROUS ROOT SYSTEM, WHICH REDUCES THE LIKELIHOOD OF BEING BLOWN OVER, OR THE POSSIBILITY OF CHANNELING OR PIPING OF WATER THROUGH THE ROOT SYSTEM.
15. TREES AND SHRUBS SHOULD NOT BE PLANTED WITHIN, OR CLOSE TO, PIPE INLET OR OUTLETS, FLOW SPREADERS OR MAINLAKE DRAINAGE STRUCTURES TO AVOID ROOT AND/OR CLOGGING.
16. WILLOWS OR POPLARS SHOULD NOT BE PLANTED CLOSE TO STORMWATER STRUCTURES, PIPES, LOW PERMEABILITY LINERS OR WATER IMPOUNDING STRUCTURES.
17. LANDSCAPING SHOULD BE DESIGNED TO MINIMISE ROOT PENETRATION OF GEOTEXTILE AND LINKGS WITHIN STORMWATER FACILITIES.
18. THE SHADE PROVIDED BY TREES WITH FULL CANOPIES CHANGING IN THE NATURE OF GROUND FLORA, PARTICULARLY REDUCE VEGETATIVE COVER.

## MAINTENANCE NOTES FOR END USER:

19. THERE WILL BE A REQUIREMENT FOR MAINTENANCE OPERATIONS TO BE PERFORMED ON THE SWALE. IT IS INTENDED THAT THESE WORKS ARE CARRIED OUT BY SUITABLY EXPERIENCE PERSONNEL. HOWEVER A DETAILED METHOD STATEMENT SHOULD BE DEVELOPED BY THE CONTRACTOR AND DRAWN UP AT A APPROPRIATE TIME AND WILL INCLUDE THE FOLLOWING ITEMS:
   - MANAGEMENT PLAN DESCRIBING THE MANAGEMENT OBJECTIVES FOR THE SITE OVER TIME AND THE MANAGEMENT STRATEGIES THAT WILL NEED TO BE EMPLOYED.
   - SPECIFICATIONS DETAILING THE CONDITIONS UNDER WHICH WORK WILL BE UNDERTAKEN, THE MATERIALS TO BE USED AND STANDARD OF WORK THAT WILL BE REQUIRED.
   - A SCHEDULE OF WORKS ITEMIZING THE TASKS THAT MUST BE UNDERTAKEN AND THE FREQUENCY AT WHICH THEY MUST BE PERFORMED. INCLUDING PUMPS, CATCHPIT MANHOLES AND PETROL/OIL INTERCEPTOR.
20. PLEASE REFER TO THE CIRA GUIDANCE FOR FURTHER INFORMATION

## OUTFALL NOTES:

21. OUTFALL STRUCTURES ARE ASSUMED TO BE PRE-CAST CONCRETE ALTHON OR SIMILAR APPROVED WITH SUITABLE GRATING/TRASH SCREENS. HANDRAIL PROTECTION TO BE PROVIDED WHERE REQUIRED ON DEEP INSTALLATIONS.
22. ANTI-ERODSION PROTECTION TO BE PROVIDED ON SLOPES AND BASE OF BASINS. THIS IS SUGGESTED TO BE STAINLESS STEEL MESH BASKET FILLED WITH Well COMPACTED TYPE 6 GRADED GRANULAR FILL MIN 100mm THICK OR SIMILAR APPROVED.
23. IT IS SUGGESTED ALL EXISTING RECEIVING DYKES/WATERCOURSES/DRAINAGE SYSTEM TO BE FULLY INSPECTED, AND IF REQUIRED DE-SILTING AND CLEANING TO BE UNDERTAKEN TO ENSURE THEY ARE FREE-FLOWING.
24. THE ABOVE ASSUMED ALL DISCHARGE POINTS ARE FREE FLOWING AND THAT REGULAR INSPECTIONS AND MAINTENANCE IS UNDERTAKEN TO ENSURE OPTIMUM PERFORMANCE.

## DRAINAGE:

25. IT IS ADVISED ALL PLASTIC PIPEWORK IS TO BE INSTALLED IN LENGTHS NO LONGER THAN 3.0m TO PREVENT IRREGULAR LEVELS IN THE INVERT OF THE PIPE.
26. WHERE SEWERS UNDER ROADS OR TWO SEWERS CROSS TO HAVE LESS THAN 1.2m OF COVER A 150mm (C20/30) FULLY CONCRETE BED AND SURROUND.
24. BRANCH CONNECTIONS TO ENTER ACCESS CHAMBERS AT HALF PIPE LEVEL.
25. ACCESS CHAMBERS, CONNECTIONS AND PIPEWORK IS SHOWN APPROXIMATELY. FINAL POSITIONS TO SUIT FINISHES.
26. BEDDING SURROUNDS:

| | |
|---|---|
| UNDER BUILDING (ALL PIPES): | |
| LESS THAN 300mm | CLASS 2 |
| GENERALLY | CLASS 5 |
| EXTERNAL UNDER ROADS (PLASTIC): | |
| LESS THAN 1200mm | SEE SPECIFIC DETAIL |
| MORE THAN 1200mm | CLASS 5 |
| EXTERNAL UNDER SOFT LANDSCAPING (PLASTIC): | |
| LESS THAN 600mm | CLASS 2 |
| MORE THAN 600mm | CLASS 5 |
| EXTERNAL UNDER STRALE (PERFORATED PLASTIC): | |
| FILTER TRENCH | SEE SPECIFIC DETAIL |
| NB | ALL COVERS ARE BASED FROM FINISHED FORMATION LEVEL TO SOFFIT OF PIPE |

27. FOR MANHOLE/GULLY AND ACCESS COVERS (BS EN124:1994) STANDARD LOADINGS.
28. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE AUTHORITY OR THEIR AGENTS PRIOR TO COMMENCEMENT OF EACH STAGE OF WORK FOR THEIR REPRESENTATIVE TO CARRY OUT INSPECTIONS TO ENSURE COMPLIANCE WITH THEIR SPECIFICATION AND APPROVED DETAILS. IF ANY SUCH REQUESTS OR INSTRUCTIONS CAUSE CONFLICT WITH THE SPECIFICATION THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
29. SEWERS MUST HAVE 5m CLEARANCE FROM TREES AND HEDGES, WHERE IT IS NOT POSSIBLE TO ACHIEVE THIS CLEARANCE, A CONCRETE BED AND SURROUND IS REQUIRED.
30. CHAMBER SIZE OF MANHOLES WITH MORE THAN ONE CONNECTION IN THEM MAY NEED TO BE INCREASED AN INCREMENT TO ACCOMMODATE THE CONNECTIONS AND BENDS.
31. SPECIALIST LANSCAPE ARCHITECT TO CONFIRM SUITABILITY OF SUGGESTED PLANTING WHICH IS TO BE APPOINTED BY THE CONTRACTOR.

## NOTES:

1. THESE NOTES ARE INTENDED TO AUGMENT DRAWINGS AND SPECIFICATIONS. WHERE CONFLICT OF REQUIREMENTS EXIST THE ORDER OF PRECEDENCE SHALL BE AS SHOWN IN THE SPECIFICATION. OTHERWISE THE STRICTEST PROVISION SHALL GOVERN.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS.
3. DRAWINGS NOT TO BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER AND FURTHER INSTRUCTIONS OBTAINED BEFORE WORK IS COMMENCED.

## GENERAL NOTES:

G01. ALL WORKS SUBJECT TO SECTION 38, SECTION 62/278 AND SECTION 104 AGREEMENTS TO BE APPROVED BY THE RELEVANT AUTHORITY PRIOR TO COMMENCEMENT OF WORKS.

G02. ALL LEVELS ARE IN METRES AOD (ABOVE ORDNANCE DATUM) UNLESS NOTED OTHERWISE.

G03. ALL WORKS TO BE UNDERTAKEN IN COMPLIANCE WITH BS 8000 FOR WORKMANSHIP ON BUILDING SITES.

G04. ABBREVIATIONS:
MH = MANHOLE
CL = COVER LEVEL
IL = INVERT LEVEL
S / SW = SURFACE WATER
F / FW = FOUL WATER

## KEY:

- SURFACE WATER SEWER
- FOUL WATER SEWER
- FOUL WATER RISING MAIN
- PHASE 1 SITE BOUNDARY
- PHASE 2
- EXISTING/HIGHWAY DRAIN/FUTURE/PRIVATE SEWERS SURFACE WATER SEWER
- EXISTING/HIGHWAY DRAIN/FUTURE/PRIVATE SEWERS FOUL WATER SEWER
- MAJOR CONTOUR @1.0m SPACING
- MINOR CONTOUR @0.25m SPACING
- PROPOSED SWALE DEPRESSION WITH PERFORATED PIPE UNDERDRAIN AS INDICATED TO AIDE SURFACE WATER DRAINAGE - PRIVATE SURFACE WATER ONLY
- PROPOSED SWALE DEPRESSION WITH PERFORATED PIPE UNDERDRAIN AS INDICATED TO AID SURFACE WATER DRAINAGE
- PROPOSED DITCH TO AID SURFACE WATER DRAINAGE
- 3m EASEMENT FOR ADOPTABLE SEWERS LOCATED OUTSIDE ADOPTABLE HIGHWAY BOUNDARIES
- LAKE
- EXISTING WATERCOURSE

## HEALTH & SAFETY RISKS

IN ADDITION TO THE STANDARD HAZARDS AND RISKS NORMALLY ASSOCIATED WITH THE TYPE OF WORK DETAILED ON THIS DRAWING, PLEASE NOTE THE FOLLOWING RESIDUAL HEALTH AND SAFETY RISKS

**SITE SPECIFIC RISKS**

| | |
|---|---|
| A-1.1 | SITE CONTAMINATION - UNABLE TO DESIGN OUT ALL RISK DUE TO NATURE OF THE WORKS. CONTRACTOR TO IMPLEMENT BEST PRACTICE FOR POSSIBILITY OF ENCOUNTERING AND HANDLING POTENTIAL CONTAMINATED MATERIAL. |
| A-1.5 | POTENTIAL UNEXPLODED ORDNANCE (UXO) - UNABLE TO DESIGN OUT ALL RISK DUE TO NATURE OF THE WORKS. CONTRACTOR TO TAKE APPROPRIATE MEASURES IF ANY UNKNOWN OBJECTS THAT MAY BE UXO DISCOVERED ON SITE. |
| A-2.1 | EXISTING SERVICES - ELECTRIC. RISK OF ELECTROCUTION - UNABLE TO DESIGN OUT ALL RISK DUE TO NATURE OF THE WORKS. CONTRACTOR TO ISOLATE SUPPLY IF POSSIBLE, ACCURATELY MARK OUT THE SERVICE AND PROTECT ACCORDINGLY |
| A-2.2 | EXISTING SERVICES - GAS. RISK OF EXPLOSION - UNABLE TO DESIGN OUT ALL RISK DUE TO NATURE OF THE WORKS. CONTRACTOR TO ISOLATE SUPPLY IF POSSIBLE, ACCURATELY MARK OUT THE SERVICE AND PROTECT ACCORDINGLY |
| A-2.3 | EXISTING SERVICES - WATER. RISK OF STRIKING WATER MAINS - UNABLE TO DESIGN OUT ALL RISK DUE TO NATURE OF THE WORKS. CONTRACTOR TO ISOLATE SUPPLY IF POSSIBLE, ACCURATELY MARK OUT THE SERVICE AND PROTECT ACCORDINGLY |
| A-2.4 | EXISTING SERVICES - COMMS - UNABLE TO DESIGN OUT ALL RISK DUE TO NATURE OF THE WORKS. CONTRACTOR TO ISOLATE SUPPLY IF POSSIBLE, ACCURATELY MARK OUT THE SERVICE AND PROTECT ACCORDINGLY |
| A-2.5 | EXISTING SERVICES - UNDERGROUND CABLES - UNABLE TO DESIGN OUT ALL RISK DUE TO NATURE OF THE WORKS. CONTRACTOR TO ISOLATE SUPPLY IF POSSIBLE, ACCURATELY MARK OUT THE SERVICE AND PROTECT ACCORDINGLY |
| A-2.6 | EXISTING SERVICES - OVERHEAD CABLES - UNABLE TO DESIGN OUT ALL RISK DUE TO NATURE OF THE WORKS. CONTRACTOR TO ISOLATE SUPPLY IF POSSIBLE, ACCURATELY MARK OUT THE SERVICE AND PROTECT ACCORDINGLY |
| A-2.7 | EXISTING SERVICES - SEWERS - UNABLE TO DESIGN OUT ALL RISK DUE TO NATURE OF THE WORKS. CONTRACTOR TO ISOLATE SUPPLY IF POSSIBLE, ACCURATELY MARK OUT THE SERVICE AND PROTECT ACCORDINGLY |
| A-2.8 | EXISTING SERVICES - COMMS TELEGRAPH POLES - UNABLE TO DESIGN OUT ALL RISK DUE TO NATURE OF THE WORKS. CONTRACTOR TO ISOLATE SUPPLY IF POSSIBLE, ACCURATELY MARK OUT THE SERVICE AND PROTECT ACCORDINGLY |
| A-2.9 | EXISTING SERVICES - UNIDENTIFIED - UNABLE TO DESIGN OUT ALL RISK DUE TO NATURE OF THE WORKS. CONTRACTOR TO ISOLATE SUPPLY IF POSSIBLE, ACCURATELY MARK OUT THE SERVICE AND PROTECT ACCORDINGLY |
| A-4.2 | ENVIRONMENTAL FACTORS - WORKING HOURS, DISTURBING NEARBY RESIDENTIAL AREAS - CONTRACTOR TO CONFIRM THE SUITABLE WORKING HOURS ACCEPTED BY THE LOCAL AUTHORITY |
| A-4.3 | ENVIRONMENTAL FACTORS - NOISE LEVELS, DISTURBING NEARBY RESIDENTIAL AREAS - CONTRACTOR TO CONFIRM THE SUITABLE NOISE LEVELS ACCEPTED BY THE LOCAL AUTHORITY |
| A-4.4 | ENVIRONMENTAL FACTORS - MEANS OF ACCESS, OBSTRUCTING NEARBY RESIDENTIAL AREAS - CONTRACTOR TO ENSURE ACCESS TO RESIDENTIAL PROPERTIES SUITABLY MAINTAINED. CONTRACTOR MAY CONSIDER PHASING OF WORKS TO ASSIST SUITABLE ACCESS. |

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING IN ACCORDANCE WITH THE REQUIREMENTS DEFINED IN THE CDM REGULATIONS.

| Rev | Description | Date | By | Chk | App |
|---|---|---|---|---|---|
| P1 | FIRST ISSUE | 20.08.25 | ERD | JP | SPG |


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**KEY PLAN**
SCALE 1:10000

| | |
|---|---|
| Project: | Proposed Residential Development at Lincolnshire Lakes, Burringham Road |
| Client: | Keepmoat Homes |
| Drawing: | Phase 1 Drainage Layout - Sheet 2 |
| Role: | CIVIL ENGINEER |
| Drawing Status: | FOR INFORMATION |
| Suitability Code: | S3 |
| Job. no. | 45822 |
| Scale@ A0: | 1:500 |
| Rev: | P1 |

Project Originator Zone Level Type Role Number
KPPL - AWP - ZZ - XX - DR - C - 3202

100mm at A0