



DWG TO BE READ IN CONJUNCTION WITH DWG
8492-HBL-XX-XX-DR-D-0404 PROPOSED DRAINAGE PLAN.

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| | THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER HBL DRAWINGS ISSUED FOR THIS PROJECT |
| NOTES | |
| 1. | ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS IN METERS UNLESS OTHERWISE SPECIFIED. |
| 2. | THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELATED DRAWINGS AND SPECIFICATIONS |
| 3. | THE DRAINAGE CONTRACTOR IS RESPONSIBLE TO MAKING AN APPLICATION TO ANY SEWERAGE UNDERTAKER PRIOR TO CONSTRUCTION OF ANY CONNECTION INTO A PUBLIC MAINDRAE. |
| 4. | THE ENGINEER IS TO BE NOTIFIED OF ANY DISCREPANCIES TO THE DETAILS SHOWN ON THE DRAWING AND ANY UNRECORDED CONNECTIONS NOT SHOWN ON THE DRAWINGS. |
| 5. | THE CONTRACTOR IS RESPONSIBLE FOR CHECKING DIMENSIONS AND LEVELS AND FOR COMBINING THE GIVEN LEVEL OF OUTFALL INTO PUBLIC SEWER, WATERCOURSE OR OTHER OUTFALL PRIOR TO CONSTRUCTION WORKS COMMENCING. |
| 6. | UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE RELEVANT AUTHORITIES ALL DRAWINGS ISSUED ARE AS PRELIMINARY AND NOT FOR CONSTRUCTION. SHOULD THE CONTRACTOR COMMENCE SITE WORK PRIOR TO APPROVAL BEING GIVEN, IT IS ENTIRELY AT THEIR OWN RISK. |
| 7. | TO PROTECT THE DRAINAGE SYSTEM FROM CONSTRUCTION SITE DERRIES, THE CONTRACTOR SHALL ENSURE THAT A CURBSTONE OF 150mm MINIMUM HEIGHT IS FORMED IMMEDIATELY UPSTREAM OF THE TANK. ONLY TO BE REMOVED ONCE THE FINAL CLEANING OF THE ROADS/ DRAINAGE HAS BEEN COMPLETED. |
| 8. | THE DESIGN IS BASED ON THE INFORMATION AVAILABLE ON THE DATE OF ISSUE FROM OTHER PARTIES (E.G. ARCHITECT AND M&E ENGINEER). IT IS SUBJECT TO CHANGE RESULTING FROM UPDATES TO THE AVAILABLE INFORMATION FROM OTHERS. |
| 9. | NEW DRAINS AND SEWERS TO BE AS FOLLOWS: |
| 9.1. | CONSTRUCTION AND MATERIALS OF PRIVATE SEWERAGE, FOUL & COMBINED WATER SEWERAGE SYSTEM TO BE IN ACCORDANCE WITH "BUILDING REGULATIONS - APPROVED DOCUMENT H & 'B' EN 752:2017 DRAIN AND SEWER SYSTEMS OUTSIDE BUILDINGS" |
| 9.2. | CONSTRUCTION AND MATERIALS OF PUBLIC SEWERAGE, FOUL & COMBINED WATER SEWERS TO BE IN ACCORDANCE WITH "DESIGN & CONSTRUCTION GUIDANCE, SEWERAGE SECTOR GUIDANCE APPENDIX C" AND IN ACCORDANCE WITH LOCAL SEWERAGE UNDERTAKER |
| 9.3. | MINIMUM PIPE SIZE FOR ADOPTION OF RIGID POLYESTER DRAINAGE IS 150mmDN |
| 9.3.1. | 100mmDN AT MIN 1:100 FOR 10 DWELLINGS OR LESS |
| 9.3.2. | 150mmDN AT MIN 1:150 FOR GREATER THAN 10 DWELLINGS |
| 9.4. | MINIMUM PIPE SIZE FOR ADOPTION OF RIGID POLYESTER DRAINAGE IS 100mmDN |
| 9.4.1. | 100mmDN 1:40 WHERE 10 DWELLINGS OR LESS AND NO WC |
| 9.4.2. | 100mmDN 1:80 WHERE GREATER THAN 10 DWELLINGS AND UP TO A MAXIMUM OF 1 LITRE WC |
| 9.5. | ALL ROAD GULLY PIPEWORK SPURS TO BE 150mm UNLESS OTHERWISE SPECIFIED |
| 10. | LOAD CLASS SLECTION TO COMPLY WITH BS EN 124. |
| 10.1. | LOAD CLASS A15 - AREAS INACCESSIBLE TO MOTOR VEHICLES |
| 10.2. | LOAD CLASS B15 - FOOTWAYS, PEDESTRIAN AREAS ETC |
| 10.3. | LOAD CLASS D250 - GULLY TUNNELS IN KERBSIDE CHANNELS OF ROADS |
| 10.4. | LOAD CLASS D400 - CARRIAGEWAYS OF ROADS (HEAVY DUTY) |
| 10.5. | LOAD CLASS E600 - AREAS IMPOSING HIGH WHEEL LOADS |
| 10.6. | LOAD CLASS F900 - AREAS IMPOSING PARTICULARLY HIGH WHEEL LOADS |
| 11. | ALL FOUL DRAINS BENEATH BUILDINGS AND FROM SOIL VENT PIPES, GULLIES AND WC CONNECTIONS BE 100mmDN AT A GRADIENT NOT LESS THAN OF 1:40. |
| 12. | ALL FOUL CONNECTIONS TO BE FULLY TRAPPED AND EACH FOUL CONNECTION TO A BRANCH DRAIN TO HAVE FULL RODDING ACCESS (E.G. LOW-LEVEL RODDING ACCESS). |
| 13. | RAINFALL DOWN PIPES ARE TO CONNECT TO A DRAIN VIA A REST BEND. |
| 14. | WHERE DRAINAGE IS COMBINED A "Y" TRAP MUST BE PROVIDED ABOVE PROPOSED FLOOR SLAB LEVEL. |
| 15. | MINIMUM DEPTH OF COVER TO THE CROWN OF GRAVITY PIPES WITHOUT PROTECTION SHOULD BE AS FOLLOWS (IN ACCORDANCE WITH "DESIGN & CONSTRUCTION GUIDANCE, SEWERAGE SECTOR GUIDANCE APPENDIX C") |
| 15.1. | 350mm - DOMESTIC GARDENS AND PATHWAYS WITHOUT ANY POSSIBILITY OF VEHICULAR ACCESS |
| 15.2. | 500mm - DOMESTIC DRIVEWAYS, PARKING AREAS AND YARDS WITH HEIGHT RESTRICTIONS TO PREVENT ANY VEHICLE FROM EXCEEDING A MAXIMUM OF 7.5 TONNES |
| 15.3. | 900mm - DOMESTIC DRIVEWAYS, PARKING AREAS AND NARROW STREET'S WITH LIMITED ACCESS FOR VEHICLES WITH A GROSS WEIGHT IN EXCESS OF 7.5 TONNES |
| 15.4. | 900mm - AGRICULTURAL LAND & AREAS WITH LIMITED ACCESS TO VEHICLES WITH A GROSS WEIGHT IN EXCESS OF 7.5 TONNES |
| 15.5. | 1200mm - HIGHWAYS AND PARKING AREAS WITH UNRESTRICTED ACCESS TO VEHICLE WITH A GROSS WEIGHT IN EXCESS OF 7.5 TONNES |
| 16. | BACKFILL TO DRAINAGE TRENCHES UNDER CARRIAGEWAYS TO BE TYPE 1 SUB-BASE MATERIAL, ELSEWHERE BACKFILL TO BE FREE DRAINING READILY AVAILABLE COMPACTABLE MATERIAL. FREE FROM RUBBISH, ORGANIC MATTER, FINEST SOIL, CLAY LUMPS AND LARGE STONES. TO BE COMPACTED IN LAYERS NOT EXCEEDING 150mm. |
| 17. | A FLEXIBLE JOINT SHALL BE PROVIDED AS CLOSE AS IS FEASIBLE TO THE OUTSIDE FACE OF ANY STRUCTURE INTO WHICH A PIPE IS BUILT, COMPATIBLE WITH THE SATISFACTORY COMPLETION AND SUBSEQUENT MOVEMENTS OF THE JOINT. LENGTH OF THE NEXT PIPE (ROCKER PIPE) IS TO BE IN ACCORDANCE WITH THE TABLE BELOW |
| 17.1. | 150-500mmDN - 500mm LONG ROCKER PIPE |
| 17.2. | 601-750mmDN - 1000mm LONG ROCKER PIPE |
| 17.3. | 751mmDN AND ABOVE - 1250mm LONG ROCKER PIPE |
| 18. | PIPE CROSSOVERS TO HAVE MINIMUM OF 300mm CLEARANCE BETWEEN OUTSIDE TOP OF THE LOWER PIPE AND OUTSIDE BOTTOM OF THE UPPER PIPE, WHERE THIS CANNOT BE ACHIEVED A SEPARATE CONCRETE SUBSIDIARY DRAINAGE STRUCTURE SHALL BE PROVIDED. THE MINIMUM 1000mm EACH SIDE OF THE CROSSING POINT, THE EXTENT OF THE CONCRETE SHOULD BE WITHIN 150mm OF A FLEXIBLE PIPE JOINT. THE CONCRETE SPECIFICATION SHOULD BE IN ACCORDANCE WITH THE STANDARD DETAILS FOR PIPE BED AND SURROUND AS ISSUED BY THE ENGINEER. |
| 19. | CONCRETE MIXES INDICATED ON THIS DRAWING ARE DESIGNATED MIXES CONFORMING TO BS 8501-1:2006. ALL CONCRETE TO BE SULPHATE RESISTANT. CONTRACTOR SHOULD ALLOWANCE FOR CARRYING OUT TESTING ON SITE TO CONFIRM SULPHATE LEVEL CLASSIFICATION. |
| 20. | ALL PRIVATE MAIN-LOOPS AND INSPECTION CHAMBERS TO BE CONSTRUCTED IN ACCORDANCE WITH "BUILDING REGULATIONS - APPROVED DOCUMENT H & 'B' EN 752:2017 DRAIN AND SEWER SYSTEMS OUTSIDE BUILDINGS" |
| 21. | ALL MAIN-LOOPS AND INSPECTION CHAMBERS TO BE ADOPED TO BE CONSTRUCTED IN ACCORDANCE WITH "DESIGN & CONSTRUCTION GUIDANCE, SEWERAGE SECTOR GUIDANCE APPENDIX C" AND IN ACCORDANCE WITH LOCAL SEWERAGE UNDERTAKER. |
| 22. | CCTV SURVEY OF ALL THE DRAINAGE SHOULD BE CARRIED OUT ON COMPLETION OF THE BUILDING WORKS AND PASSED ON TO THE CLIENT. |
| 23. | ANY EXISTING DRAINAGE INFRASTRUCTURE TO BE RETAINED TO HAVE NEW COVERS AND FRAMES TO SUIT NEW LEVELS AND SURFACING. |

P09	NOV23	ES	"DO NOT SCALE FROM THIS DWG" NOTE OMITTED, DRAINAGE NOTES ADDED.	ES	ES
		ES	TANK POSITION REVISED, GABION WALL OMITTED	ES	LM
P07	JUL23	ES	REVISED TANK POSITION AND SIZE	AP	
P06	JUN23	ES	RETAINING WALL OMITTED	LM	LM
P05	MAY22	TAT	MINOR AMENDMENTS	HL	HL
REV.	DATE	DRAWN	DESCRIPTION	CHKD	APPRD

FOR INFORMATION

S2



PROJECT

LAND ADJOINING 152 ALBION ROAD
NEW MILLS, DERBYSHIRE

DRAWING TITLE

SECTION THOUGH AMENITY SPACE
INFILTRATION TANK

CLIENT

TREVILLE PROPERTIES LTD.

HBL REF. 8492	DATE FEBRUARY 2020	SCALE(S) 1:50	A1
DRAWN ES	CHECKED LM	APPROVED LM	
DRAWING No. 8492-HBL-XX-XX-DR-D-0403			REV. P09