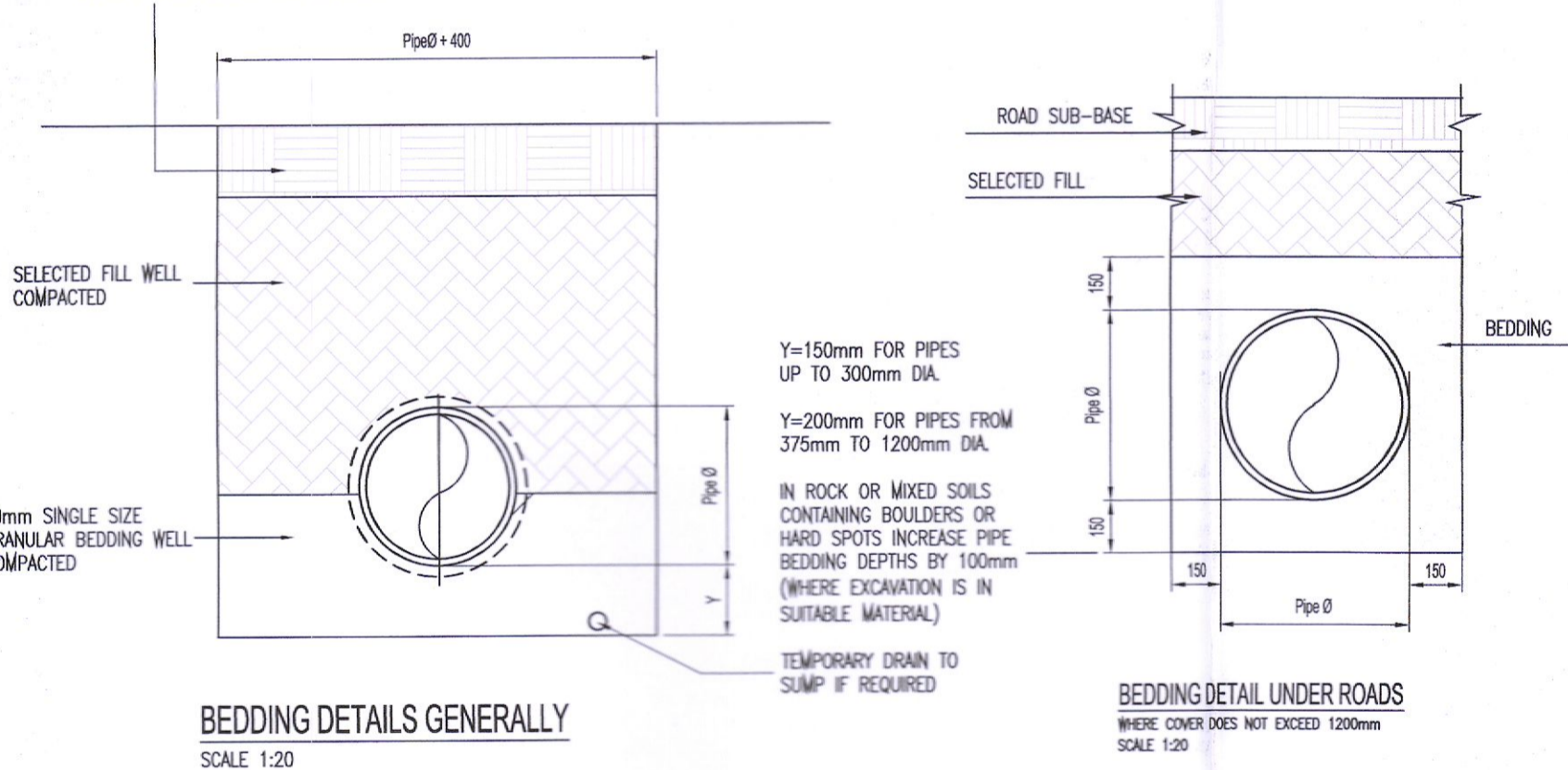


FOR ROAD MARGINS  
(A) GRANULAR MATERIAL TO BE CONTINUED TO ROAD SURFACE AND FINISHED WITH FINES OR  
(B) 150mm TOPSOIL TO BE PLACED, RAKED, PREPARED, FERTILIZED AND SEED TO MATCH ORIGINAL SURFACE.  
PRIOR TO FINAL REINSTATEMENT SAW CUT EDGES OF ROAD SURFACE, SEAL ON COMPLETION WITH BITUMEN.



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- 4) THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL HL DRAWINGS AND SPECIFICATIONS

NOTE:  
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL DRAINAGE DRAWINGS AND THE DRAINAGE SPECIFICATION. ALL WORKS TO COMPLY WITH CURRENT COUNTY/CITY COUNCIL & D.O.E. GUIDELINES.  
1) GRANULAR BEDDING TYPE 'P' SHALL CONSIST OF BROKEN STONE OR GRAVEL ALL MATERIAL SHALL PASS A 10mm U.S. TEST SIEVE AND SHALL BE RETAINED ON A 4.75mm U.S. TEST SIEVE.  
2) GRANULAR MATERIAL TYPE 'X' SHALL CONSIST OF GRAVEL GRADED FROM 9.5mm TO 4.75mm  
3) SELECTED FILL SHALL CONSIST OF STONES NO GREATER THAN 25mm IN SIZE. FREE OF BUILDING RUBBISH, TREE ROOTS, VEGETABLE MATTER AND LUMPS OF CLAY GREATER THAN 75mm IN SIZE AND SHALL BE COMPACTED IN 100mm LOOSE LAYERS. MECHANICAL COMPACTION WITH ADEQUATE MOISTURE CONTENT SHALL BE EMPLOYED TO ACHIEVE A MAXIMUM DENSITY ACCEPTABLE TO THE PROJECT ENGINEER'S LOCAL AUTHORITY.  
4) MIN COVER TO TOP OF DRAIN AND SEWER PIPE TO BE 1.2m. ROADWAYS AND DRIVEWAYS 0.3m IN OPEN AREAS NOT ADJACENT TO ROADS OR AREAS WHERE MIN COVER DEPTH IS NOT ACHIEVED PIPES ARE TO BE SURROUNDED IN CONCRETE AS DETAILLED.  
5) 150mm C20 CONCRETE SURROUND TO BE PROVIDED TO ALL PIPES WHEN COVER DEPTH IS LESS THAN THAT SPECIFIED IN NOTE 4 ABOVE. WHERE ROAD PIPES WITH FLEXIBLE JOINTS ARE USED, VERTICAL MOVEMENT SHALL BE PROVIDED AT MAXIMUM INTERVALS OF 5m AND ALIGNED WITH THE FACE OF A PIPE SOCKET. THE MOVEMENT JOINTS SHALL BE 10mm WIDE AND SHALL BE FILLED WITH AN APPROVED COMPRESSIBLE MATERIAL WHERE BRIDGED SUPPORT IS PROVIDED FOR THE PIPE BEFORE COMPLETION OF THE BED. A LAYER OF BITUMINOUS PROTECTIVE FELT COMPLYING WITH U.S. 81 TYPE 'F' SHALL BE PROVIDED BETWEEN THE SUPPORT AND THE PIPE. PIPES TO BE WRAPPED IN POLYETHENE PRIOR TO CONCRETING.  
6) COVER & FRAME FOR 100mm OPENING COMPLYING WITH U.S. E.N. 124 GROUP 4 - IN ROADWAYS GROUP 2 - IN FOOTPATHS & MARGINS COVER FRAMES FULLY BEDDED IN 3:1 SAND/CEMENT MORTAR.

ALL MANHOLES, PIPE BEDDING & WATERMAIN DETAILS SHOWN ARE INDICATIVE HORGANLYNCH DETAILS.

ALL WATER SUPPLY DETAILS ARE TO COMPLY WITH AND BE ADOPTED FROM THE IRISH WATER - CONNECTION AND DEVELOPER SERVICES DOCUMENT FOR WATER INFRASTRUCTURE STANDARD DETAILS. REF TO IRISH WATER DOCUMENT No IW-CDS-5020  
ALL WASTE-WATER DETAILS ARE TO COMPLY WITH AND BE ADOPTED FROM THE IRISH WATER - CONNECTION AND DEVELOPER SERVICES DOCUMENT FOR WASTE-WATER INFRASTRUCTURE STANDARD DETAILS. REF TO IRISH WATER DOCUMENT No IW-CDS-5030

PIPE COVER CHART: WITHOUT CONCRETE ENCASUREMENT	
LOCATION:	MIN COVER
SEWERS IN ROAD	1200
SEWERS IN OPEN SPACES	-
NOT ADJACENT TO ROADS	900
SEWERS IN GARDENS	600
WATERMANS ALL LOCATIONS	900
WATER SERVICES ALL LOCATIONS	600
ELECTRICAL CABLE DUCTS IN ROADWAY	900
ELECTRICAL CABLE DUCTS IN FOOTPATHS	500
NATURAL GAS MAINS IN ROADWAYS	800
NATURAL GAS MAINS IN FOOTPATHS	600
TELECOM DUCTS IN ROADWAYS	750
TELECOM DUCTS IN FOOTPATHS	350
CABLE TV DUCTS IN ROADS & FOOTPATHS	450

REV	BY	CHKD	DATE	DESCRIPTION
0	KL	NF	19.10.22	ISSUED FOR PLANNING

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PROJECT  
**RESIDENTIAL DEVELOPMENT AT SCHOLARSTOWN DUBLIN**  
DRG. TITLE  
**PROPOSED SITEWORKS TYPICAL DETAILS**

SCALE AS SHOWN (@ A1) DRAWN BY RL CHECKED BY KC APPROVED BY KC

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DWG: **CL12-V1-XXX-DR-HLCE-CE-0005**  
HL PROJECT REF. **CL12** STATUS **P3** REVISION **0**

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