

- 1. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE. 2. THE MINIMUM DEPTH OF COVER FROM THE FINISHED SURFACE TO THE CROWN OF GRAVITY PIPES WITHOUT PROTECTION SHOULD BE AS FOLLOWS:

 A) GARDENS AND PATHWAYS WITHOUT ANY
- RUENS AND PATHWAYS WITHOUT ANY
 POSSIBILITY OF VEHICULAR ACCESS DEPTH NOT LESS
 THAN 0.5 M. (THIS WOULD NORMALLY RELATE TO DRAINS
 IN PRIVATE PROPERTY, SHALLOW PIPES OF THIS NATURE ARE UNDESIRABLE AND SHOULD BE INSTALLED IN ACCORDANCE WITH THE CURRENT BUILDING REGULATIONS). B) DRIVEWAYS, FOOTWAYS, PARKING AREAS AND YARDS WITH
- B) DAVIEWATS NOLIWATS PARKING AREAS AND TARGE WITH
 HEIGHT RESTRICTIONS TO PREVENT ENTIRY BY VEHICLES
 MITH A GROSS VEHICLE WEIGHT IN EXCESS OF 7.5
 TONINGS DEPTH NOT LESS THAN 0.75 M.
 C) DRIVEWAYS FOOTWAYS PARKING AREAS AND NARROW
 STREETS WITHOUT FOOTWAYS (E.G. MEWS DEVELOPMENTS)
 WITH LIMITED ACCESS FOR VEHICLES WITH A GROSS VEHICLE
 WIGHT ME DICESS OF 15 FORMS DEPTH NOT LISS THAN 0.5
 D) DEPTHS OF SEWERS IN GATED ESTATES SHALL BE SMILLAR TO
 THAT COTTURED ADVICE.
- THAT OUTLINED ABOVE,

 E) AGRICULTURAL LAND AND PUBLIC OPEN SPACE DEPTH NOT
- LESS THAN 0.9 M.
 F) OTHER ROADWAYS, HIGHWAYS AND PARKING AREAS WITH UNRESTRICTED
- F) OTHER ROADWAYS. MICHANIA'S AND PARKING AREAS WITH LINESTRICTED
 ACCESS TO VEHICLES WITH A GROSS VEHICLE WIGHT IN
 DICESS OF 7.5 TOMBES DEPTH NOT LESS THAN 1.5m.

 3. CLAUSE BN 198 BINETERIA. IN ACCROMANCE WITH THE TRANSPORT
 INFRASTRUCTURE RIEL AND SPECIFICATION FOR ROAD WORKS IS TO BE USED AS
 BACKELL MARTERIAL WHERE ITE SEWER MAIN IS LOCATED IN ROADS. FOOTPATHS OR
 WHEN THE MEAREST PAPT OF THE TRENCH IS WITHIN IN DO FIVE PAYED EDGE OF
 THE ROADWAY. CLAUSE BN 408 IS TO BE COMMATED AS PER CLAUSE BNO OF THE
 TRANSPORT INFRASTRUCTURE RIELAND SPECIFICATION FOR ROAD WORKS, CLAUSE
 80 IS TO BE USED WITHIN SOME OF CENERY BROUND MATERIALS, CONCRETE
 PAVEMENTS, CONCRETE STRUCTURES OR CONCRETE PRODUCTS. OTHERMISE
 CLAUSE BNO OR CLAUSE 800) OF THE PIPE TRENCH WILL ONLY SE ALLOWED
 BY RISH HAVER WHERE THE ROADS AUTHORITY INVINIOSE FUNCTIONAL AREA THE
 DEVELOPMENT IS LOCATED, PROVIDES WRITTEN APPROVAL TO THE DEVELOPER TO
 THE USE SUCH ATTERNATIVE MERCANE OF THE METER APPROVAL TO THE DEVELOPER TO
 THE USE SUCH ATTERNATIVE MERCANE FOR METERS.

- BY IRISH WATER WERE THE ROADS JUTHORITY I WINDSE FUNCTIONED FLARET THE DEVICEDER TO THE DEVICEDER TO THE USE SUCH ALTERNATIVE WATERIAL EVIDENCE OF THIS WRITTEN APPROVIAL TO THE PROVIDED TO RISH HAVER NO ADVISED THE COMMENCEMENT OF WORKS.

 4. SELECTED EXCAVITED MATERIAL COMPLYING WITH THE REQUIREMENTS OF "ACCEPTABLE MATERIAL SOUTHERS ON A COLUMNE ON CLASS 2.01 MAY BE USED IN GREEN-FELD AREAS ADOVE GRANULAR PIPE SURFOUND MATERIAL SOLICE TO REVIEW BY RISH WATER. SADVE GRANULAR PIPE SURFOUND MATERIAL SUBJECT TO REVIEW BY RISH WATER.

 5. PIPE BEDDING SHALL COMPLY WITH MIS 44-902 AND ISA-409-01. THE PIPE BEDDING GRANULAR MATERIAL SHALL BE HARM TO 5mm (d AGGREGATE OR 1 mm | d / J / 9) SINGLE SIZED AGGREGATE TO S TO STATE OF THE WATERIAL SHOULD SEE DELANGLAS ADDIVISION. WHERE RECUMEN SHALL BE TO STATE WHY A CONCRETE BED. HAUNDLA SURFOUND WHERE RECUMEN SHALL BE TO STATE WHY A CONCRETE BED. HAUNDLA SURFOUND ON PHER RECUMENCE WITH THE WASTE MANAGEMENT ACT AND CLAUSE BUY ARE MATERIAL SHOULD SEE EXCAVATION AND DESPOSED OF IN ACCORDANCE WITH THE WASTE MANAGEMENT ACT AND CLAUSE BUY ARE MATERIAL SHOULD SEE CHARMANDER OF THE ADDIVISION OF IN ACCORDANCE WITH THE WASTE MANAGEMENT ACT AND CLAUSE BUY ARE MATERIAL SHOULD SEE PROPORT AND CONCRETE BUY ARRANCEMENTS, INCLUDING PILING FIC. MAY BE REQUIRED WHERE THE DEPTH OF SOFT MATERIAL IS EXCESSIVES. SUCH ARRANCEMENTS SHALL BE SUBJECT TO ASSESSIBLED BY INISH WATER BEFORE ADVANCING WITH THE WORK.

 7. IN GREEN FIELD AREAS, TYPE B BROKFILL (SELECTED EXCAVATED MATERIAL
- 7. N. GREEN HELD AREA; IYYE BI BACKHLI, ISELECTIED ELOCATED MAI EMAIL. COMPLYING WITH THE REQUIREMENTS OF "ACCEPTABLE MATERIAL" AS OUTLINED ON CLAUSE 601 OF THE 'ITS PECUPICATION FOR ROADMORKS, TABLE 61 CLASS 8 CLASS 2, WILL BE ALLOWED AROUT HE SIDE HAUMPOR ROADMORKS. TABLE 61 CLASS 8 CLASS CO RIGID FIPES. A GRANULAR SURFOLUND OF A INMINIMAL DETH OF 150mm ABOUT HE COMON OF THE PIPES REQUIRED FOR FLEIBLE PIPES AND TYPE 8 MATERIAL, MAY BE USED AS BACKFLIL ABOVE THIS, ALL RISIND MAINS IN GREENFIELD AREAS SHALL HAVE A INMINIMAL OVER OF STORMER OF THE PIPE.
 8, PIPES BALLO AREAS SHALL HAVE A MINIMAL OVER OF THE PIPE.
 8, PIPES BALLO AREAS SHALL HAVE A MINIMAL OF THE PIPE.
 8, PIPES BALLO BETTE ST. TAM CORDINATION OF THE PIPE.
- PES SHALL NOT BE SUPPORTED ON STONES ROCKS OR ANY
 HARD OBJECTS AT ANY POINT A LOOR THE TRENCH ROCK SHALL BE
 EXCAVATED TO A DEPTH OF 150mm BELOW THE ACTUAL DEPTH OF
 THE TERNEN HITH THE YOUD FILLE WITH CALUSE WAY AS BIM ATERIAL IN
 ACCORDANCE WITH THE TRANSPORT INFRASTRUCTURE IRELAND
 SPECIFICATION FOR ROAD WORNS, THE GRANULAR MATERIAL, SHALL BLAID
 ABOVE THIS YOUD BACKFILL MATERIAL.
 NO BECRADABLE MARKER TARE SHOULD BE INSTALLED AT THE TOP OF
 PPE BEDONG LAYER FOR SEWERS AND RISING MANS, IT SHOULD RUM
 CONTINUOUSLY AROUND MARMACES. IN THE CASE OF YOU METAL RIPE MATERIAL
 FITTINGS AND TERMINATED AT THE WASTE WASTER SHIPMEN STATION IN PRODUCED.

 AND THE INSPIRED WASHER WASTER WASTER WASTER SHIPMEN STATION IN PRODUCED.
- AND THE DISCHARGE MANHOLE.

 10. TRENCH WIDTHS FOR PIPE SIZES ≤80mm MAY BE <500mm, SUBJECT TO CONSIDERATION BEING GIVEN TO THE TRENCH DEFTH, HEALTH &

>200 - 350

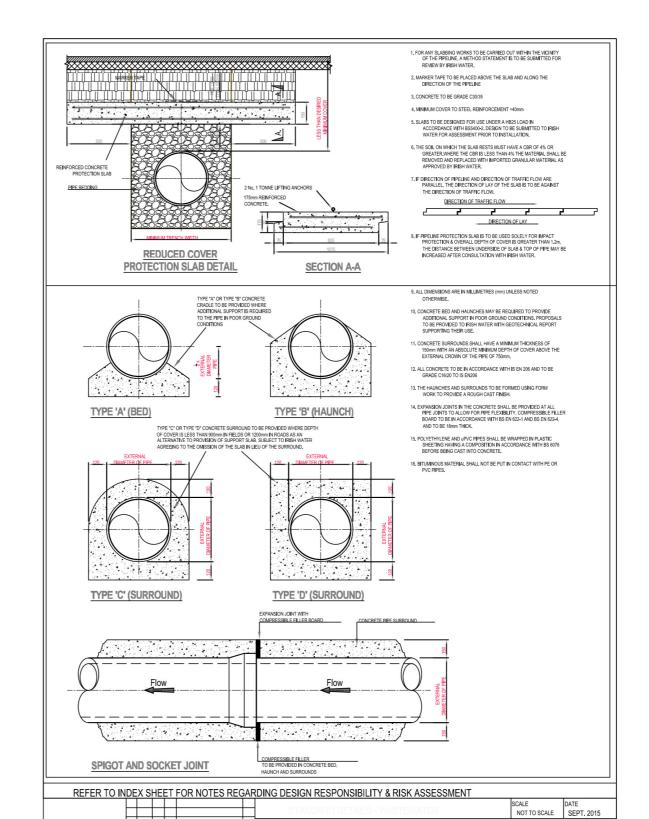
SAFETY & CONSTRUCTION ACCESS REQUIREMENTS.

11. NEW ROAD CONSTRUCTION & SURFACE FINISH TO BE TO ROAD AUTHORITY REQUIREMENTS. 12. EXISTING ROAD REINSTATEMENT TO COMPLY WITH CURRENT VERSION OF "GUIDELINES FOR MANAGING OPENINGS IN PUBLIC ROADS" BY THE DEPT. OF TRANSPORT. TOURISM & SPORT, OR TRANSPORT INFRASTRUCTURE IRELAND.

	PIPE DIAMETER 'A' (mm)	TRENCH WIDTH 'B' (mm)
	≤ 80 RISING MAIN	SEE NOTE 10.
	100	500
ſ	150 - 200	600

PIPE DIAMETER 'A' (mm)	DEPTH OF BEDDING 'C' (mm)		
≤100	100		
150 - 450	200		

REFER TO IN	REFER TO INDEX SHEET FOR NOTES REGARDING DESIGN RESPONSIBILITY & RISK ASSESSMENT									
							STANDARD DETAILS - WASTEWATER	SCALE NOT TO SCALE	DATE SEPT.	2015
					Modified trench width table		TITLE	DRAWING No.		REV
	2	07/"20	RH	тос		MOD		OTD MARK	07	
	1	11/'17	JMC	TOC	Updated & Added Notes	100	TRENCH BACKFILL AND BEDDING	ISTD-WW	-0/	2
	0	09/*15	JMC	TOC	Initial Issue	SL				
	No.	Date	Dm	Chk	Description	Арр				



CONCRETE PROTECTION SLAB, BED.

HAUNCH, AND SURROUND,

TO WASTEWATER PIPES

1 07/20 RH TOC Protection stab detail added and notes updated, title updated. MCI

0 09/15 JMC TOC Initial Issue

NOTES:

Do not scale from drawing. For any discrepancies found please consult with design office. This drawing is for PLANNING purposed only. Not for Construction.

Ву.	Date.	Description.

Project Title: Residential Development at Inch/Coollegrean Port Road Killarney

Irish Water Infrastructure -**Standard Construction Details**

Client

STD-WW-08

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rawing No:

PR-MHL-SCD-P05

BM Date: APRIL 2024