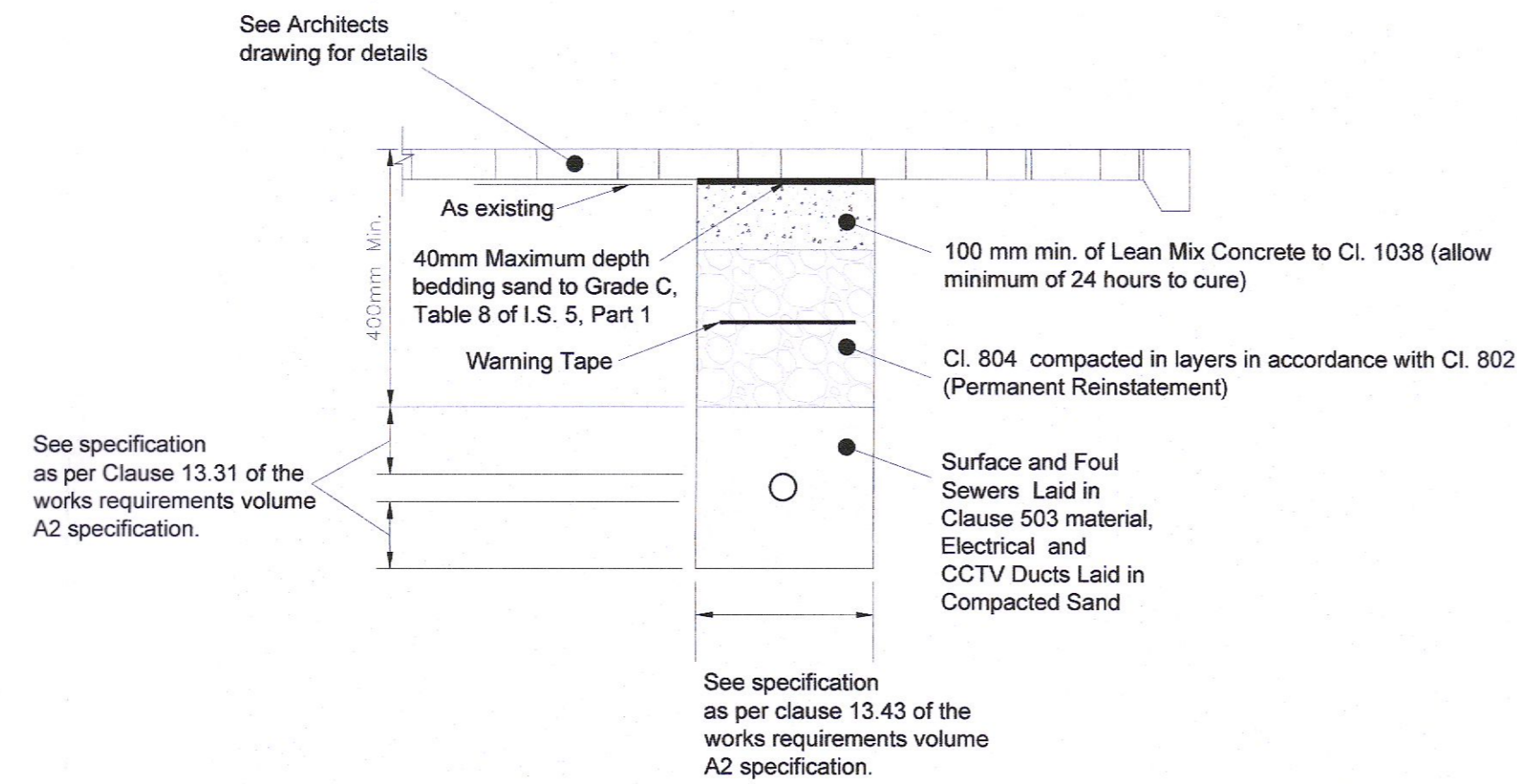


TRENCH IN FOOTWAYS, PAVEMENTS, VERGES

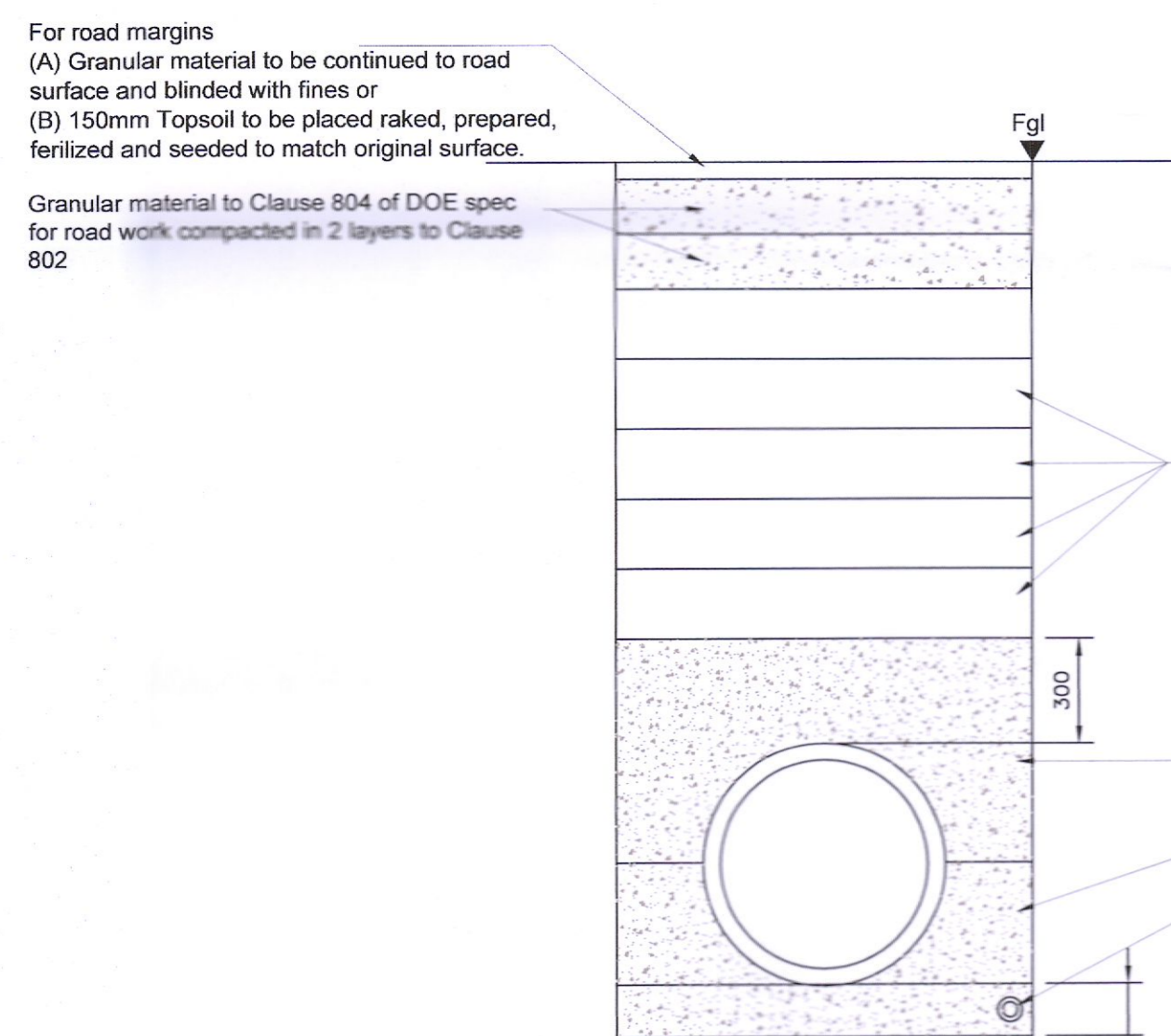
SCALE 1:10



NOTES:-

1. Add fresh sand and compact with a plate compactor. Additional sand is spread to stand proud of adjacent sand.
2. Use a slightly cambered profile over width of trench to counter any tendency to settle under traffic/load.
3. Relay blocks as tightly as possible.
4. One pass of plate compactor, then sand and compact with two or three passes to ensure full interlock.
5. 2 to 5mm joints between blocks to be filled with sand to Grade F of I.S. 5 Part 1.
6. The difference in level between adjacent blocks should not exceed 3mm.

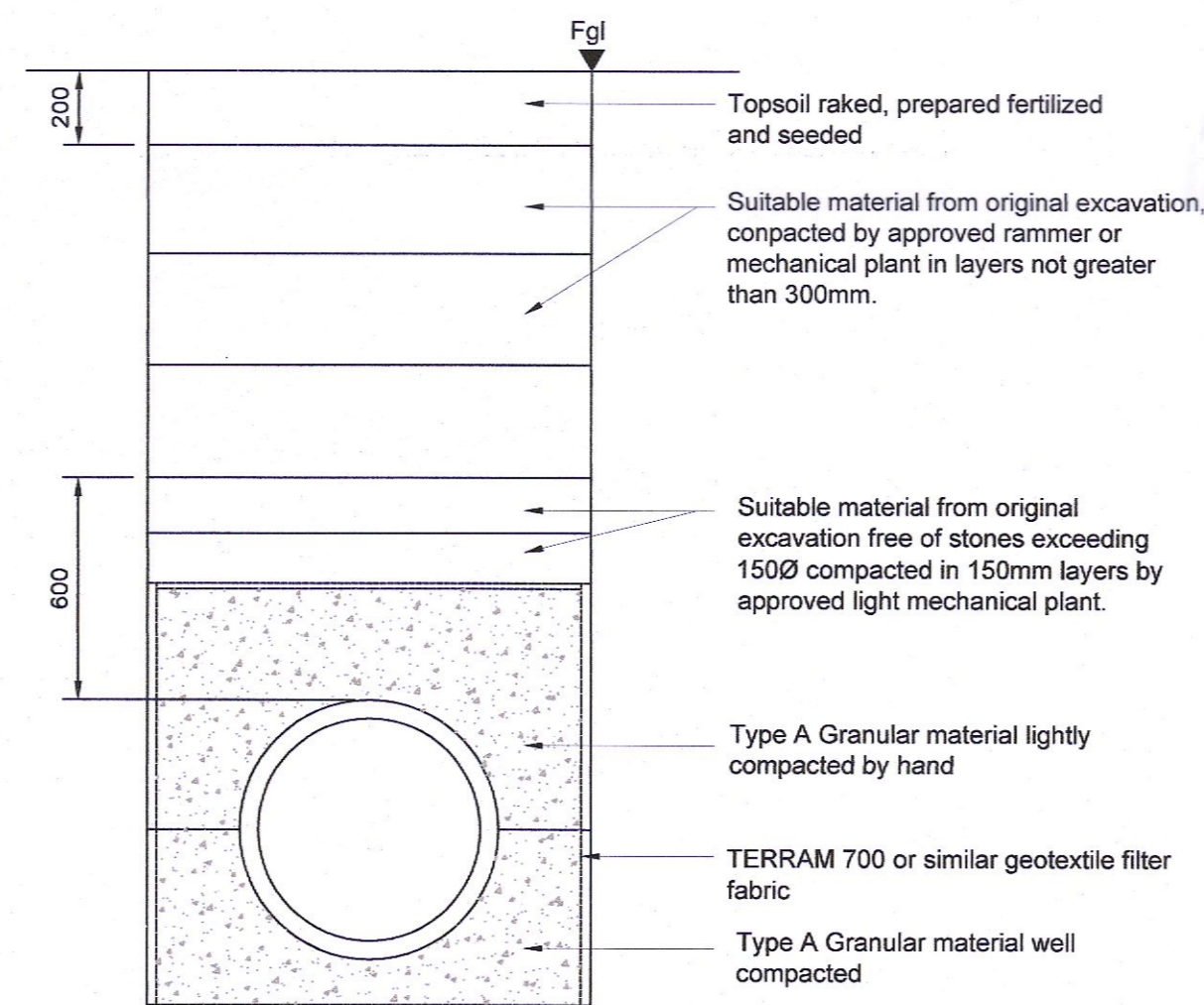
S.W & FOUL PIPE /DUCT TRENCH DETAIL IN PRECAST BLOCK PAVING FOOTWAYS



NOTE

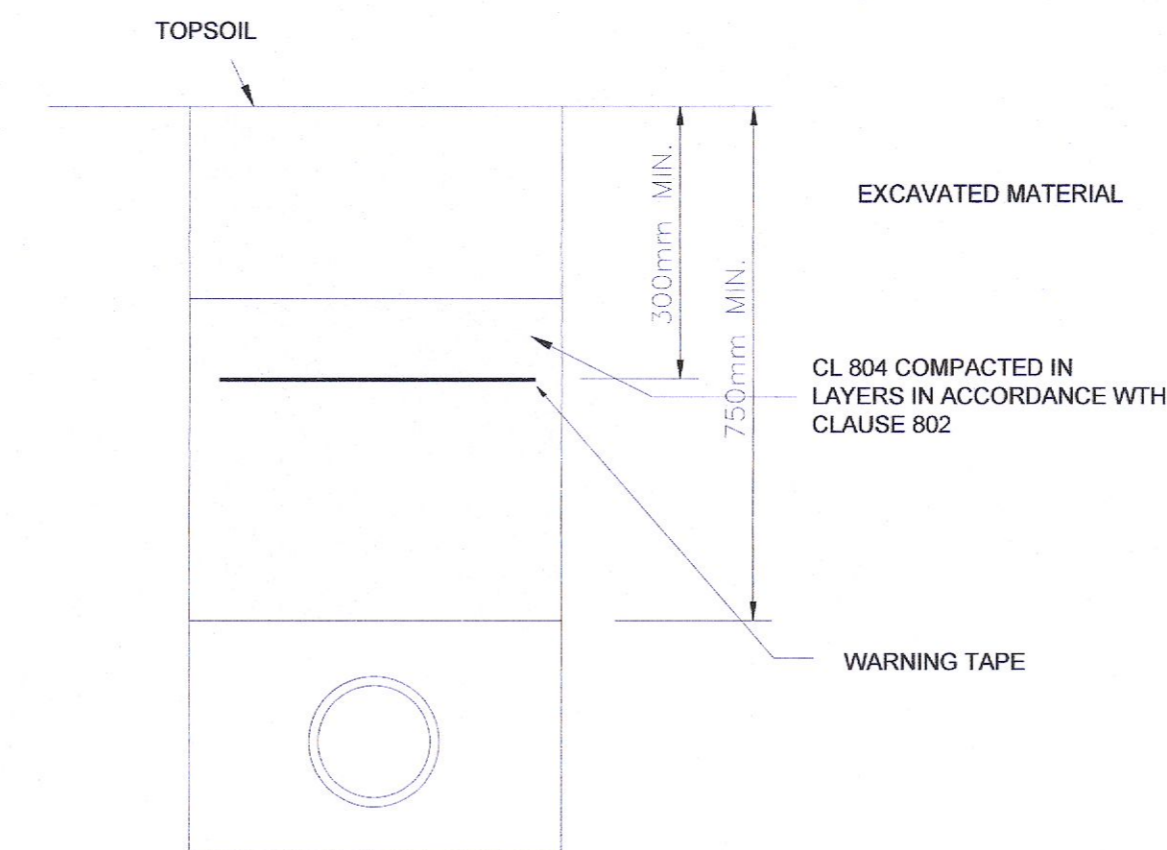
"Y"=150 For pipes up to 300Ø
 "Y"=200 For pipes from 375Ø to 1200Ø
 in rock or mixed soils containing boulders or hard spots dimension "Y" shall be increased by 100

TRENCH IN ROAD AND ROAD MARGINS



FIELDS

(where required by poor ground conditions)



PERMANENT REINSTATEMENT

GRASS VERGES, MEDIANS, FIELDS AND LAWNS

NOTES:

1. Prior to excavation, all grass areas are to be cut into turves which are to be carefully stacked and re-used within one week of cutting during the period 1st april to 31st august or within two weeks of cutting during the remainder of the year. Turves not used within these periods shall be regarded as topsoil.
2. Prior to seeding or turfing, an approved fertilizer shall be evenly distributed on the topsoil of not less than 100g per sq.metre.
3. The areas to be grassed shall be covered with topsoil to a minimum depth of 100mm which shall be reduced to a fine tilth, free from stones and debris with any dimension greater than 35mm. The topsoil shall be graded and lightly compacted to 100mm thickness - whichever is greater. Any upstanding debris or stones exceeding 25mm dimension shall be removed.
4. Pay due regard to the season and weather condition before sowing grass seed. Immediately prior to sowing the grass seed, topsoil shall be reduced to a fine tilth. Sowing the grass seed shall be carried out by an even distribution, using a blend (per hectare) 170kg manhattan rye grass and 13kg dwarf clover or other mix as specified by the road authority. For slopes in excess of ten degrees, these quantities shall be increased by 50%. The seed shall be covered by lightly raking into the surface of the topsoil.
5. All drainage channels shall be marked on the carriageway, mapped and shall be restored in conjunction with verge reinstatement to ensure that surface water runoff is discharged from the road surface.
6. All temporary reinstatement as detailed above shall be carried out immediately after backing the trench. When all settlement has taken place or after a three month period, whichever is the greater, the trench shall be topped up with topsoil to its original level.

TYPICAL TRENCH WIDTHS

| NOMINAL PIPE DIA (mm) | MIN. TRENCH WIDTH (mm) | MAX. TRENCH WIDTH (mm) |
|-----------------------|------------------------|------------------------|
| 100 | 430 | 630 |
| 150 | 490 | 690 |
| 225 | 580 | 780 |
| 300 | 680 | 880 |
| 375 | 950 | 1150 |
| 450 | 1030 | 1230 |
| 525 | 1120 | 1320 |
| 600 | 1240 | 1440 |
| 675 | 1330 | 1530 |
| 750 | 1400 | 1600 |
| 900 | 1920 | 2120 |
| 1050 | 2100 | 2300 |

| Rev | Date | Description | By | Chkd. |
|-----|----------|-------------|----|-------|
| A | 08.02.17 | PLANNING | CS | AM |

Client: Department of Education and Skills

Project: 6.1 Clondalkin Old Nangor Road Clondalkin Dublin 22

Title: TYPICAL DETAILS FOR ROAD REINSTATEMENT AND TRENCHES

Scale @ A1: AS SHOWN
 Prepared by: CS Checked: AM Date: FEB 2017
 Project Director: CIARAN MCGOVERN
 Drawing Status: PLANNING

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