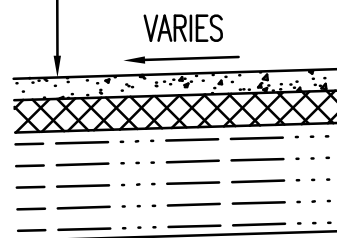


FOOTPATH CONSTRUCTION (TO CC-SCD-01105)

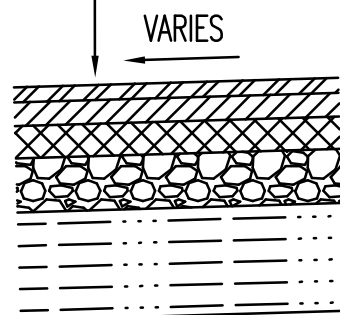
- 100mm SINGLE COURSE C28/35 GRADE ON
- INCREASED TO 150mm AT VEHICLE CROSSING WITH A393 MESH BOTTOM
- 150mm SR21 STONE BLUNDED WITH QUARRY SCREENINGS ON
- 300mm 6F1 OR 6F2 AT VEHICLE CROSSING (ONLY) ON
- SELECTED FILL MATERIAL (IF REQUIRED TO MAKE UP LEVELS) TO TABLE 6/1 TYPICALLY CLASS 1A IF AVAILABLE OR 6F1 OR 6F2 OF THE TII SPECIFICATION OF ROAD WORKS
- JOINTS EVERY 3.0m c/c
- JOINTS FORMED WITH DOUBLE THICKNESS OF BITUMINOUS ROOFING FELT TO I.S. 36 (TYPE 1F)
- ALL CONCRETE EDGES AND JOINTS SHALL BE BULLNOZED WITH A TROWEL
- CONCRETE SHALL BE FINISHED BY FLOATING WITH A WOODEN TROWEL & WHILE STILL GREEN LIGHTLY BRUSHED WITH A BASS
- BROOM TO PRODUCE A SLIGHT ROUGHNESS
- ALL CL REFERENCES RELATE TO VOLUME 1 SPECIFICATION FOR ROAD WORKS (TII)



1 FOOTPATH CONSTRUCTION
SCALE: NTS

ROAD CONSTRUCTION

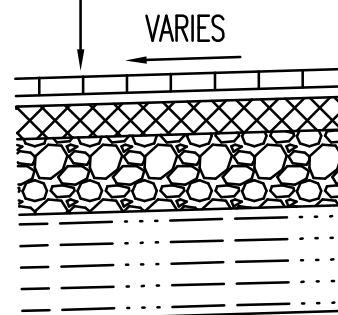
- 40mm SMA 10 SURF 70/100 DES ON
- 60mm AC 20 DENSE BASE 70/100 DES ON
- 150mm GRANULAR SUB BASE TO CLAUSE 808 TO TII SRW ON
- MIN 300mm 6F1 OR 6F2 CAPPING
- (DEPTH TBC BY ON-SITE CBR'S, SEE JOR REPORT) ON
- SELECTED FILL MATERIAL (IF REQUIRED TO MAKE UP LEVELS) TO TABLE 6/1 TYPICALLY CLASS 1A IF AVAILABLE OR 6F1 OR 6F2 OF THE TII SPECIFICATION OF ROAD WORKS



2 PUBLIC PARKING BAYS TO BE TAKING IN CHARGE
SCALE: NTS

PAVING BUILD-UP (NON-TRAFFICKED)

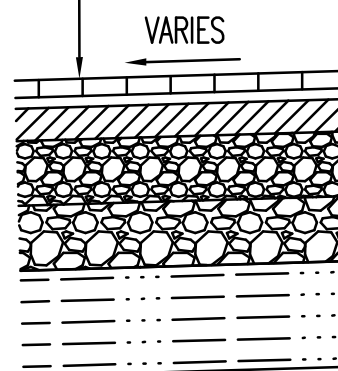
- 80mm SURFACE COURSE - 200x100mm BLOCK PAVING ON
- 50mm LAYING COURSE - SHARP SAND
- 150mm SUB-BASE TO TII CLAUSE 808
- 300mm CAPPING TO 6F1 OR 6F2 (DEPTH TBC BY ON-SITE CBR'S, SEE JOR REPORT)
- SELECTED FILL MATERIAL (IF REQUIRED TO MAKE UP LEVELS) TO TABLE 6/1 TYPICALLY CLASS 1A IF AVAILABLE OR 6F1 OR 6F2 OF THE TII SPECIFICATION OF ROAD WORKS
- ALL CL REFERENCES RELATE TO VOLUME 1 SPECIFICATION FOR ROAD WORKS (TII)



3 TYPICAL PAVING BUILD-UP (NON - TRAFFICKED)
SCALE: NTS

PRIVATE PARKING BAYS (SUDS)

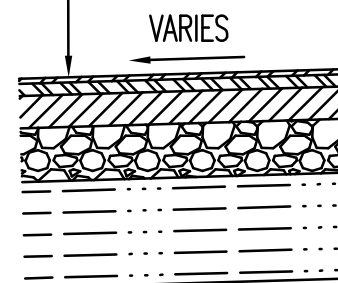
- 80mm OR 60mm SURFACE COURSE - PERMEABLE PAVING ON
- 50mm LAYING COURSE - TYPE 2/6.3 TO BS EN 13242: 2002
- 150mm MODIFIED SUB-BASE AS TYPE 4-20 HYDRAULICALLY (CEMENT) BOUND TO EN 14227-1:2004
- 300mm THICK SUB-BASE 4-40mm COURSE GRADED AGGREGATE TO BS EN 13242: 2002
- 300mm CAPPING LAYER MATERIAL TO CLASS 6F1 OR 6F2 (DEPTH TBC BY ON-SITE CBR'S, SEE JOR REPORT) ON
- SELECTED GRANULAR FILL (IF REQUIRED) TO CLASS 6C OF TABLE 6/1 OF THE TII SPECIFICATION FOR ROADWORKS
- REFER TO DRAINAGE DETAIL FOR REQUIRED MEMBRANES/ GEOTEXTILE/ GEOGRIDS



4 PRIVATE PARKING BAYS (SUDS)
SCALE: NTS

CYCLE TRACK CONSTRUCTION (TO THE NATIONAL CYCLE MANUAL)

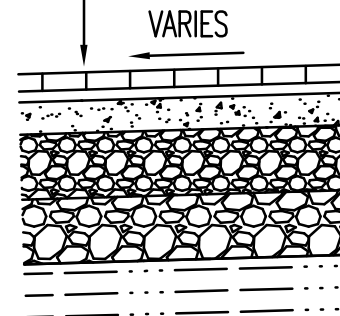
- 25mm OF 10MM DWC ON
- 50mm OF 20mm DBM TO BS4987 ON
- 150mm 808 STONE ON
- SELECTED FILL MATERIAL (IF REQUIRED TO MAKE UP LEVELS) TO TABLE 6/1 TYPICALLY CLASS 1A IF AVAILABLE OR 6F1 OR 6F2 OF THE TII SPECIFICATION OF ROAD WORKS
- JOINTS SHALL COMPRISE OF A 10mm THICK PRE-FORMED FILLER TO CL 1015 RAKED OUT TO 10mm DEPTH AFTER CASTING & SEALED WITH A GREY POLYSULPHIDE SEALANT TO CL 1017
- JOINTS SHALL BE PROVIDED AROUND MANHOLE & OTHER COVERS WITHIN THE AREA
- ALL CL REFERENCES RELATE TO VOLUME 1 SPECIFICATION FOR ROAD WORKS (TII)



5 CYCLE LANE CONSTRUCTION
SCALE: NTS

PAVING BUILD-UP (TRAFFICKED CAR PARKING SPACES)

- 80mm PAVING BLOCKS BY TOBERMORE
- 2-5mm JOINT COMPLETELY FILLED WITH KILN DRIED SAND TO BS 7533 PART 3
- 30mm LAYING COURSE SAND CLASS II TO BS 7533 PART 3
- 125mm CONCRETE BASE ST4 TO BS EN 13877-1
- DRAIN HOLES AT APPROX. 2m CENTRES, FILLED WITH 6mm GRIT. DRAIN HOLE TO BE COVERED WITH GEOTEXTILE MATERIAL EXTENDING MIN 250mm EITHER SIDE.
- 150mm TYPE I GRANULAR MATERIAL CL803
- 300mm CAPPING TO 6F1 OR 6F2 (3% CBR) ON
- GEOTEXTILE MATERIAL
- ALL CL REFERENCES RELATE TO VOLUME 1 SPECIFICATION FOR ROAD WORKS (TII)

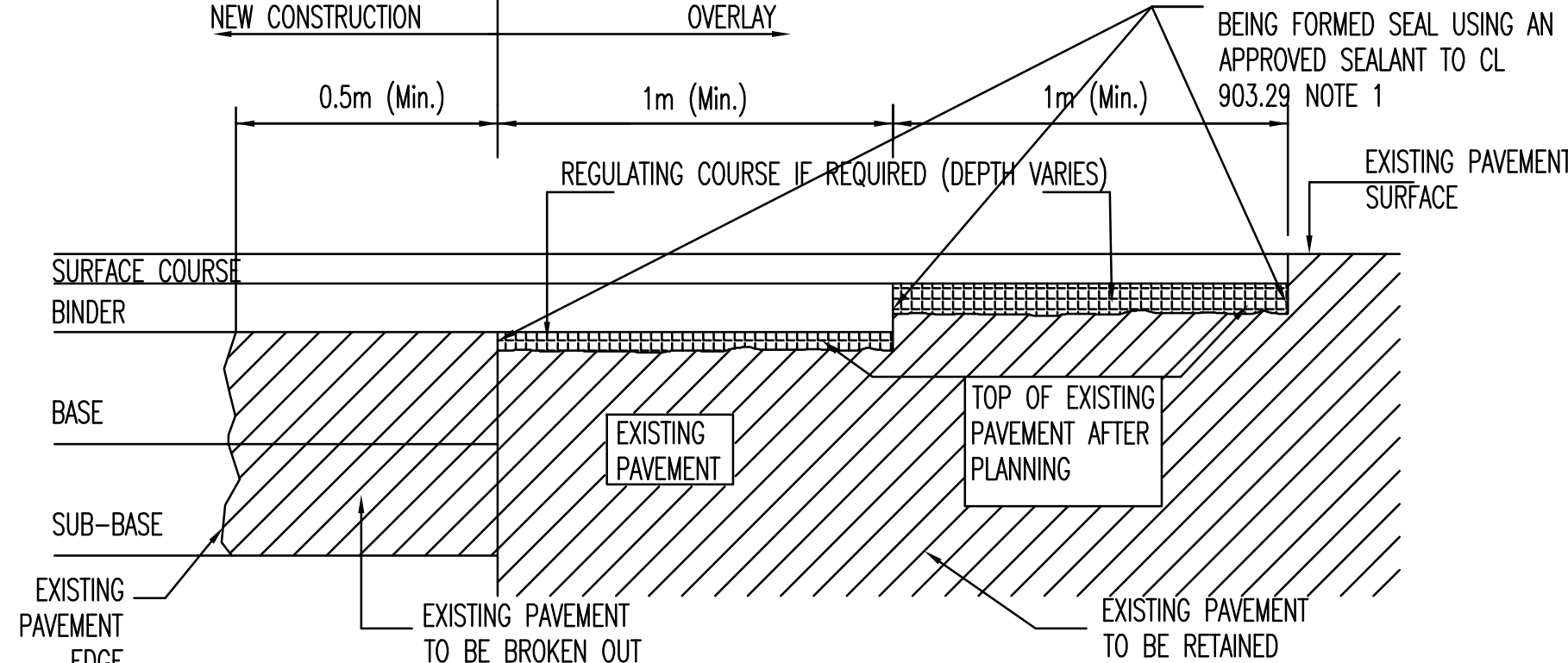


6 TYPICAL PAVING BUILD-UP (TRAFFICKED CAR SPACES)
SCALE: NTS

NOTES:

- EDGES OF EXISTING CARRIAGEWAY TO BE CUT BACK BY 500mm WITH A ROTARY SAW TO FORM A VERTICAL FACE & PRIMED IN ACCORDANCE WITH CLAUSE 903 TO TII SPECIFICATION FOR ROAD WORKS
- WHERE THE BASE IS TO BE LAID IN TWO LAYERS, THE UPPER LAYER OF BASE SHOULD BE STEPPED INTO THE EXISTING PAVEMENT BY 1m MIN. WITH THE BINDER & SURFACE COURSE TO BE EACH STEPPED IN A FURTHER 1m MIN. RESPECTIVELY

NOTE:
ALL FACES OF COLD UPSANDING EDGES SHALL BE TREATED TO CLAUSE 903.26 NOTE 1

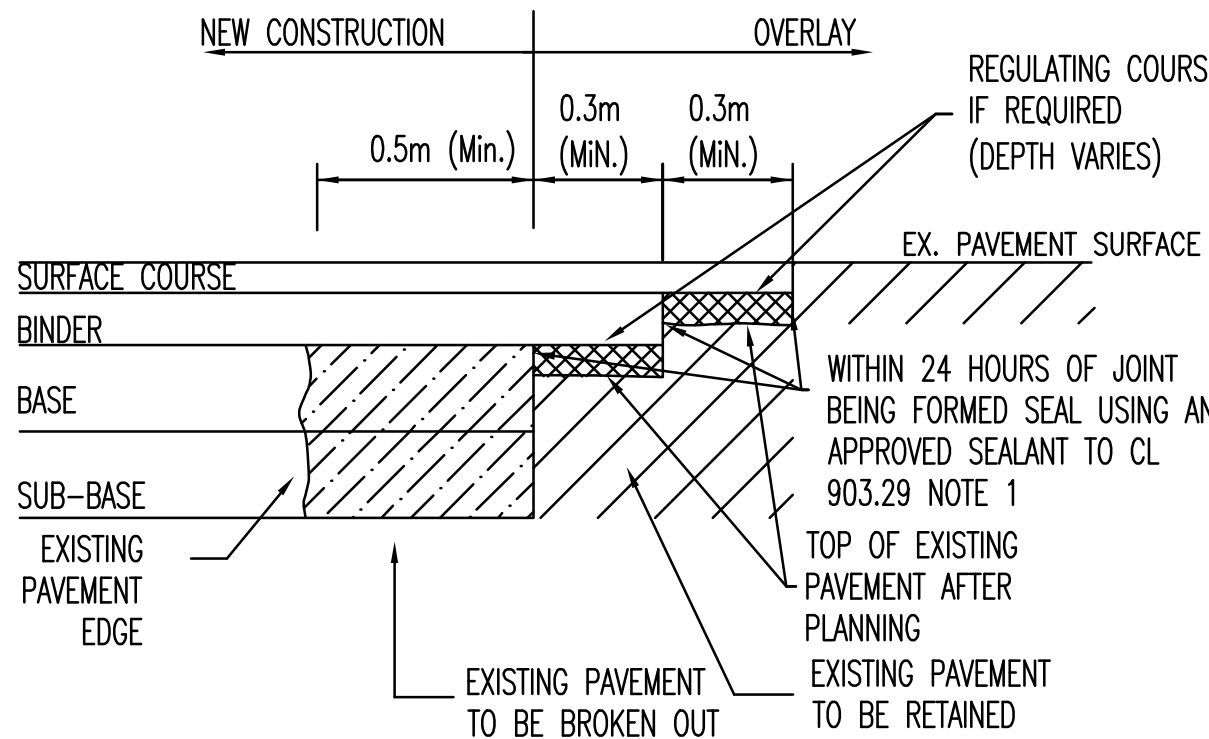


7 TRANSVERSE JOINT BETWEEN PROPOSED FLEXIBLE PAVEMENT & EXISTING ROAD (TIE IN)
SCALE: NTS

NOTES:

- EDGES OF EXISTING CARRIAGEWAY TO BE CUT BACK BY 500mm WITH A ROTARY SAW TO FORM A VERTICAL FACE & PRIMED IN ACCORDANCE WITH CLAUSE 920 NOTE 1 TO TII SPECIFICATION FOR ROAD WORKS
- WHERE THE BASE IS TO BE LAID IN TWO LAYERS, THE UPPER LAYER OF BASE SHOULD BE STEPPED INTO THE EXISTING PAVEMENT BY 0.3m MIN. WITH THE BINDER & SURFACE COURSE TO BE EACH STEPPED IN A FURTHER 0.3m MIN. RESPECTIVELY

NOTE:
ALL FACES OF COLD UPSANDING EDGES SHALL BE TREATED TO CLAUSE 903.26 NOTE 1



8 LONGITUDINAL JOINT BETWEEN PROPOSED FLEXIBLE PAVEMENT & EXISTING ROAD (TIE IN)
SCALE: NTS

TABLE 1 (ROAD 5m NO. OF PASSES)		
CAPPING/ STABILIZATION DEPTHS		
CBR	CAPPING DEPTH	WITH GEO-GRID (TG3030S)
1%	570 mm	355 mm
1.5%	435 mm	220 mm
2.0%	410 mm	190 mm
2.5%	390 mm	170 mm
3.0%	370 mm	170 mm
3.5%	330 mm	
3.5% +	300 mm	

DESIGNS ABOVE INCLUDE A LAYER OF THRACE SBNW NON-WOVEN GEOTEXTILE TO BE PLACED DIRECTLY ON THE SOFT SUB-GRADE

DIMENSIONS

Figured dimensions only to be taken from this drawing.
All dimensions to be checked on site.
Architects to be informed immediately of any discrepancies before work proceeds.

© COPYRIGHT

This drawing and any design hereon is copyright of JOR Consulting Engineers and must not be reproduced in whole or in part without their express written consent.

NOTES:

1	24.09.24	Issued for LRD application
0	AUG.24	Draft issue
REV	DATE	DETAILS



CLIENT EW Property Ltd		TITLE LRD: Road Details Sheet 3 of 3	
PROJECT Hartfield Place, Swords Road, Whitehall, Dublin 9, D09 C7F8	SCALE As Shown @ A1	DATE CREATED Sept 2024	DRAWN BY: PC CHECKED BY: MS
	DRAWING No. L24-01-LRD-008		REV 1