

MEDIUM INSPECTION CHAMBER DETAIL

0.6m-1.2m FROM COVER TO INVERT

FOR USE IN LANDSCAPED AREAS

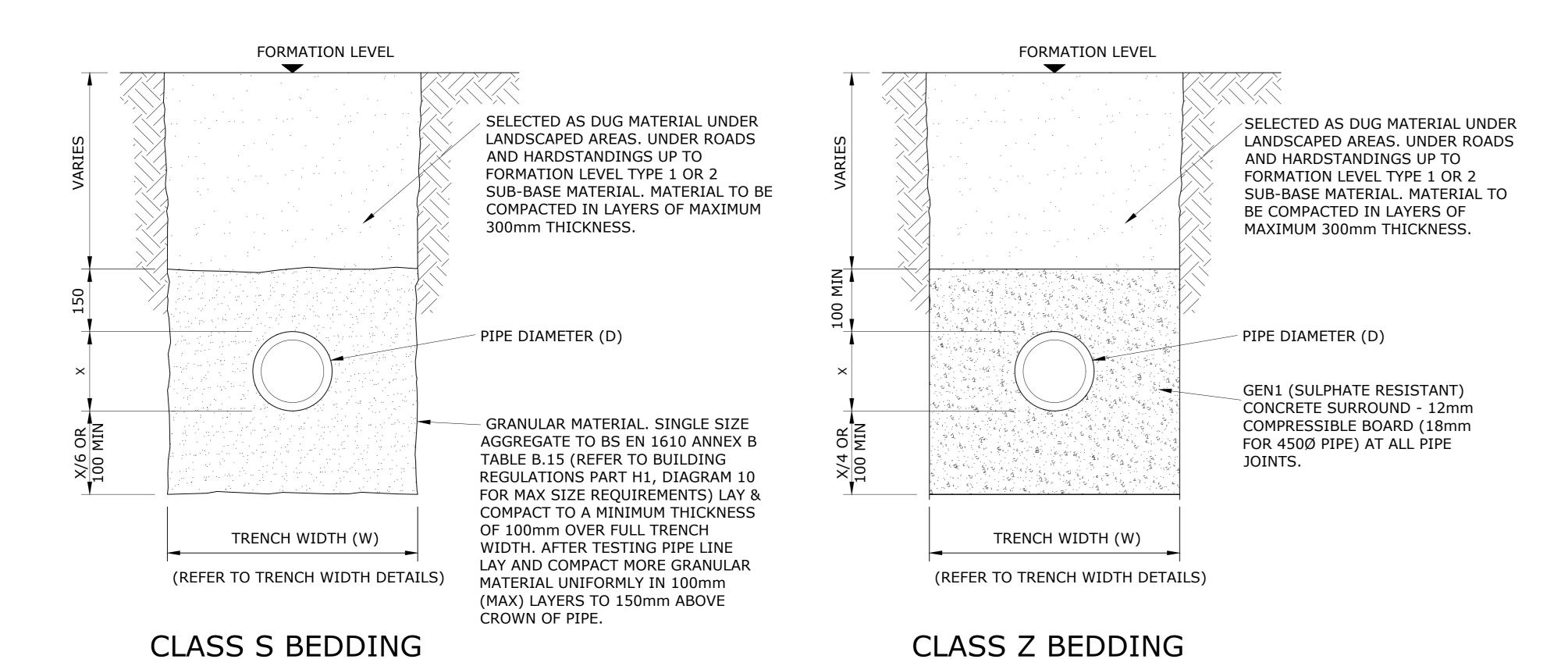
TO ALL PIPES WITH COVER FROM FINISHED SURFACE TO CROWN GREATER THAN 900mm

IN TRAFFICKED AREAS OR GREATER THAN 600mm COVER IN LANDSCAPED AREAS.

MEDIUM INSPECTION CHAMBER DETAIL 0.6m-1.2m FROM COVER TO INVERT FOR USE IN HARD PAVED (LIGHTLY TRAFFICKED) AREAS

TO ALL PIPES WITH COVER FROM FINISHED SURFACE TO CROWN LESS THAN OR EQUAL

TO 900mm IN TRAFFICKED AREAS OR LESS THAN 600mm COVER IN LANDSCAPED AREAS.



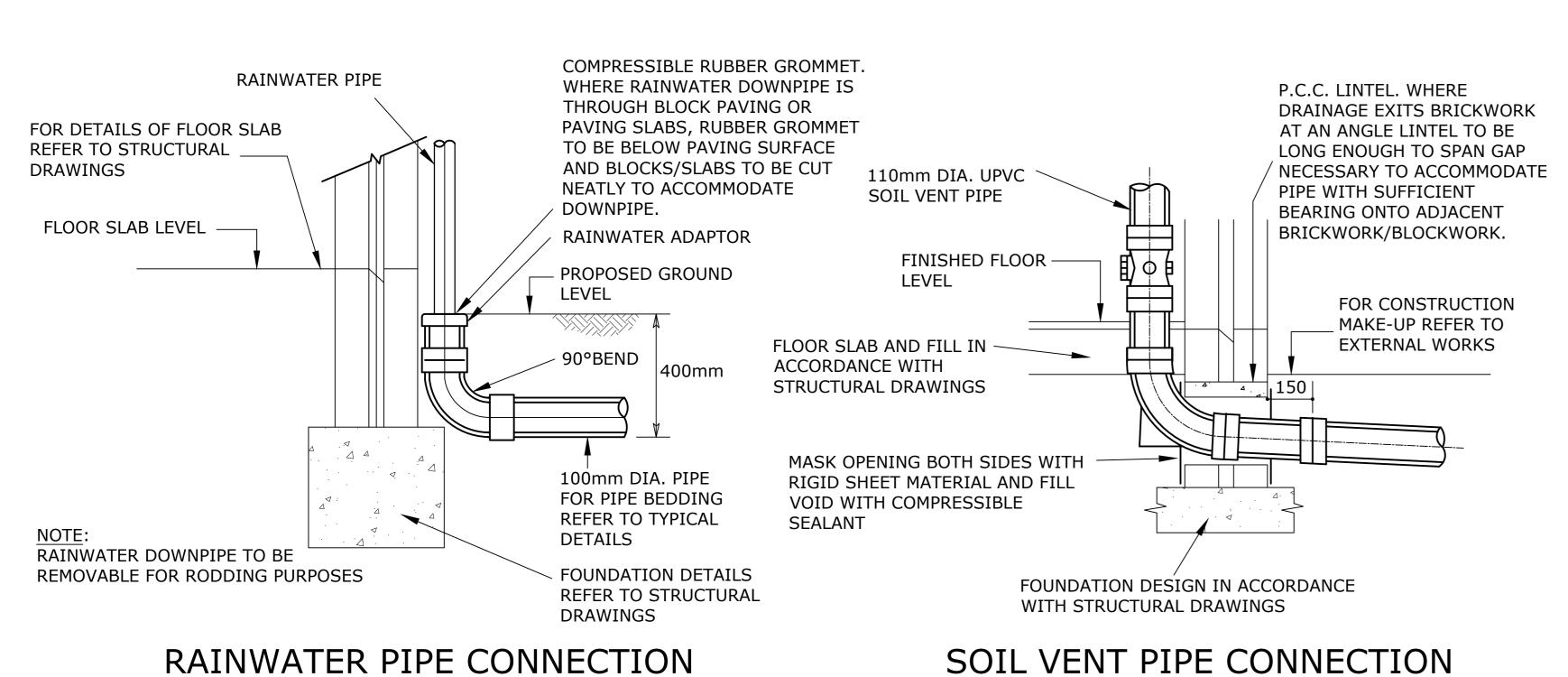
 D
 150
 225
 300
 375
 450
 525
 600

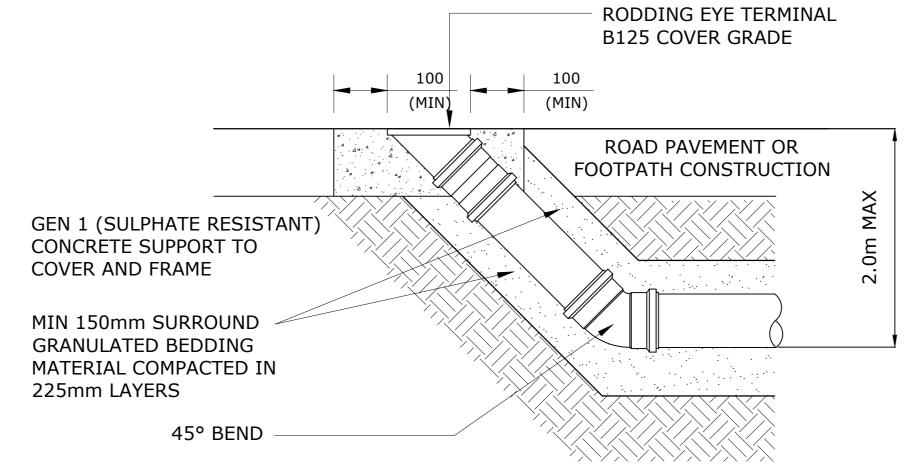
 W
 600
 750
 750
 1050
 1150
 1200
 1350

TRENCH WIDTH DETAILS

PIPES BENEATH BUILDING TO BE LAID WITH CLASS Z BEDDING

TYPICAL PIPE BEDDING DETAILS





POLYESTER RESIN MANHOLE

MORTAR HAUNCHING TO

COVER AND FRAME.

STAINLESS STEEL STEP

13101:2002 AT 250mm

OR 300mm CENTRES.

(MANHOLES 1m DEEP

CONSTRUCTION JOINT

25 THICK SMOOTH FACE

CLAYWARE HALF ROUND -CHANNEL FOR PIPES NOT

CONCRETE HALF ROUND

PIPES ENTERING &

LEAVING MANHOLES

SHALL HAVE A FLEXIBLE

JOINT WITHIN 150mm OF

THE INSIDE FACE OF THE

MANHOLE JOINING WITH

A SHORT 'ROCKER PIPE'.

DIA. PIPE

150-300

REFER TO LAYOUT FOR

FURTHER DETAILS

>300

DIA. CHAMBER

1200

1500

CONCRETE BENCHING.

EXCEEDING 375 DIA.

CHANNEL FOR PIPES EXCEEDING 375 DIA.

IRONS TO BS EN

OR GREATER).

GRANOLITHIC

LIGHT DUTY RODDING EYE DETAIL
(PEDESTRIAN/LIGHTLY TRAFFICKED AREAS)

12mm THICK (18mm FOR 4500 PIPES) COMPRESSIBLE BOARD OR PERFORATED JOINT FILLER FOR FULL THICKNESS OF CONCRETE SURROUND.

DETAIL OF MOVEMENT JOINT FOR PIPES
WITH CONCRETE BED AND SURROUND

MANHOLE COVER AND FRAME TO BE DUCTILE IRON COMPLYING

CLEAR OPENING SIZE REFER TO BUILDING REGULATIONS PART

CLASS B ENGINEERING BRICKWORK 4 COURSES

(max) 2 COURSES (min)

MASTIC SEALANT.

MASTIC SEALANT.

GEN 1 (SULPHATE

CONCRETE

PIPE JOINT.

MAXIMUM LENGTH OF ROCKER PIPES

PIPE DIA.

LESS THAN

300 - 450

450 - 1000

COVER GRADES AND AREAS OF USE

TABLES PROVIDE GUIDANCE TO MANHOLE SIZES/COVER

FOR USE IN ACCESS ROADS AND PARKING

AREAS ACCESSIBLE TO ALL TYPES OF

FOR USE IN FOOTWAYS, PEDESTRIAN

AREAS, DRIVEWAYS AND CAR PARKS

ACCESSIBLE BY LIGHT VEHICLES ONLY.

ROAD VEHICLES INCLUDING HGV'S.

LOCATION

PRIVATE PRECAST CONCRETE

MANHOLE

COVER GRADE

GRADES.

TO BS EN 124

SURROUND TO

ROCKER PIPE LENGTH

600mm

750mm

1000mm

HEAVY DUTY REINFORCED

CONCRETE COVER TO BS EN

1917 BEDDED ON MORTAR OR

GEN 1 (SULPHATE RESISTANT)

CONCRETE SURROUND 150mm

PRECAST CONCRETE CHAMBER

WHERE BENCHING IS LESS THAN

12. WHERE MORE THAN 450mm

450mm WIDE SLOPE SHALL BE 1 IN

SECTIONS TO BS EN 1917

BEDDED ON MORTAR OR

WIDE SHALL BE 1 IN 36.

RESISTANT) CONCRETE

WITH BS EN 124; SEE SCHEDULES FOR COVER GRADE. FOR

H TABLE 12. COVERS TO BE SET TO MATCH FINAL LEVELS

REFER TO TABLE

225 MIN

(TO BE PROVIDED AT ALL PIPE JOINTS)

NOTES

- DO NOT SCALE FROM THIS DRAWING MANUALLY OR ELECTRONICALLY.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT PROJECT INFORMATION.
 ALL DATUM LEVELS ARE IN METRES AND DIMENSIONS ARE IN

CONSTRUCTION (DESIGN AND

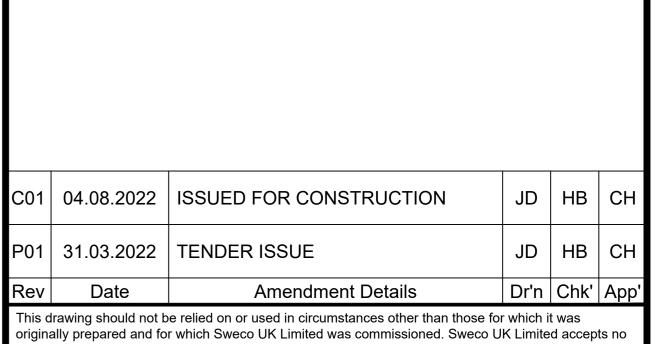
MANAGEMENT) REGULATIONS 2015

DESIGNERS HAZARD INFORMATION FOR CONSTRUCTION

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THE ABOVE NOTES REFER SPECIFICALLY TO THE INFORMATION SHOWN ON THIS DRAWING.

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SWECO <mark></mark>

MEMORIA

Project Title

FAVERSHAM CREMATORIUM

Drawing Title

DRAINAGE CONSTRUCTION DETAILS

SHEET 1

CONSTRUCTION

Status Description FOR REVIEW AND AUTHORIZATION

ed HB HB Checked CH CH
Size Scale SWECO Ref 65204882 Revision C01

65204882-SWE-ZZ-XX-DR-C-0200

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