SECTION A - A

YEAR OF MANUFACTURE, ENV124 AND CLASS IDENTIFICATION

Ø18 HOLE FOR M16 STAINLESS STEEL ANCHOR TO BE APPROVED BY THE ENGINEER

SUPPORTING PAD FOR COVER
20 THICK AT BOTTOM OF FRAME, PLANES OF ALL PARTS MACHINED TO SAME LEVEL

PLAN OF FRAME FOR 675X675 TERMINAL SEWER AND STORMWATER MANHOLE COVER (CLASS C250)

ENLARGED Z (1:5)

ENLARGED Y (1:5)

ENLARGED X (1:5)

NOTES:
1. FOR GENERAL NOTES OF DUCTILE IRON MANHOLE COVER & FRAME, REFER TO DSG. NO. DS1076 (2 SHEETS)
2. FILLETS FOR BOTTOM ENDS OF THE COVER EDGES AND RIBS ARE R1, OTHER UNSPECIFIED FILLETS ARE R2

DRAINAGE SERVICES DEPARTMENT

REFERENCE: DS 1089
DRAWING NO.: 
SCALE: 1:15 OR AS SHOWN

NEW ISSUE: 
ORIGINAL: 
SIGNATURE: 
DATE: 10.5.2010

STANDARD 675 SQUARE ONE PIECE DUCTILE IRON DOUBLE SEAL TERMINAL MANHOLE COVER & FRAME, (CLASS C250)
SECTION A - A = SECTION B - B

PLAN OF SEWER MANHOLE COVER
(CLASS C250)

PLAN OF STORMWATER MANHOLE COVER
(CLASS C250)

BOTTOM VIEW

NOTES:
1. FOR GENERAL NOTES OF DUCTILE IRON MANHOLE COVER & FRAME, REFER TO ORG. NO. DS1086 (2 SHEETS)
2. FILLETS FOR BOTTOM ENDS OF THE COVER EDGES AND RIBS ARE R2, OTHER UNSPECIFIED FILLETS ARE R2

DRAINAGE SERVICES DEPARTMENT

NEW ISSUE | ORIGINAL SIGNED 10.5.2010
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REV. | DESCRIPTION | SIGNATURE | DATE
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| STANDARD 675 SQUARE ONE - PIECE DUCTILE IRON DOUBLE SEAL TERMINAL MANHOLE COVER & FRAME, (CLASS C250) | DS 1089 (SHEET 2 OF 4) | 1:15

EN124 AND CLASS IDENTIFICATION (TEXT HEIGHT = 25mm)

25x25 RAISED STUD SEE DETAIL "1"

CHEQUERS TO BE RAISED 5mm ABOVE NORMAL SURFACE

NAME OF MANUFACTURER AND YEAR OF MANUFACTURE (TEXT HEIGHT = 25mm)

CHECKERS TO BE RAISED 5mm ABOVE NORMAL SURFACE

RECTANGULAR RAISED STUDS 60x20

CIRCUMSCRIBED RAISED STUDS (WIDTH 20mm)

PLAN VIEW 'Z'

SEE DETAIL OF KEYHOLE

VIEW 'Z'

TEXT HEIGHT = 35mm

841

841

FACES IN CONTACT WITH SUPPORTING PADS MACHINED TO THE SAME LEVEL

B20 ANCHOR HOLES IN COVER (SEE DETAIL "2") LOOSELY COUPLED BY GRADE 8.8 M16 BOLTS WITH WASHERS / NUTS AND ANCHORED TO THE MANHOLE WALL VIA GRADE 80 CHAIN (REFER TO ORG. NO. DS1086 (2 SHEETS) FOR FULL SET OF ANCHOR AND CHAIN ARRANGEMENT)
KEY HOLE (SEE ENLARGED X BELOW)

DETAIL OF KEY HOLE

RAISED STUD DETAIL "1"

ENLARGED Y

SECTION C - C

VIEW "Z"

ENLARGED X (KEY HOLE)

ANCHOR HOLE DETAIL "2"

NOTES:
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STANDARD 675 SQUARE ONE - PIECE DUCTILE IRON DOUBLE SEAL TERMINAL MANHOLE COVER & FRAME, (CLASS C250)

DRAINAGE SERVICES DEPARTMENT

REFERENCE DRAWING No.

NEW ISSUE ORIGINAL SIGNED 10.5.2010
REV. DESCRIPTION SIGNATURE DATE

SCALE

DS 1089 ( SHEET 3 OF 4 )
SECTION A - A = SECTION B - B

SECTION C - C (1:10)

STANDARD 675 SQUARE ONE - PIECE DUCTILE IRON DOUBLE SEAL TERMINAL MANHOLE COVER & FRAME, (CLASS C250)

ENLARGED Y (1:5)

ENLARGED X (1:5)

NOTES:
1. FOR GENERAL NOTES OF DUCTILE IRON MANHOLE COVER & FRAME, REFER TO ORG. NO. DS1076 (2 SHEETS)
2. FILLETS FOR BOTTOM ENDS OF THE COVER EDGES AND RIBS ARE R1. OTHER UNSPECIFIED FILLETS ARE R2