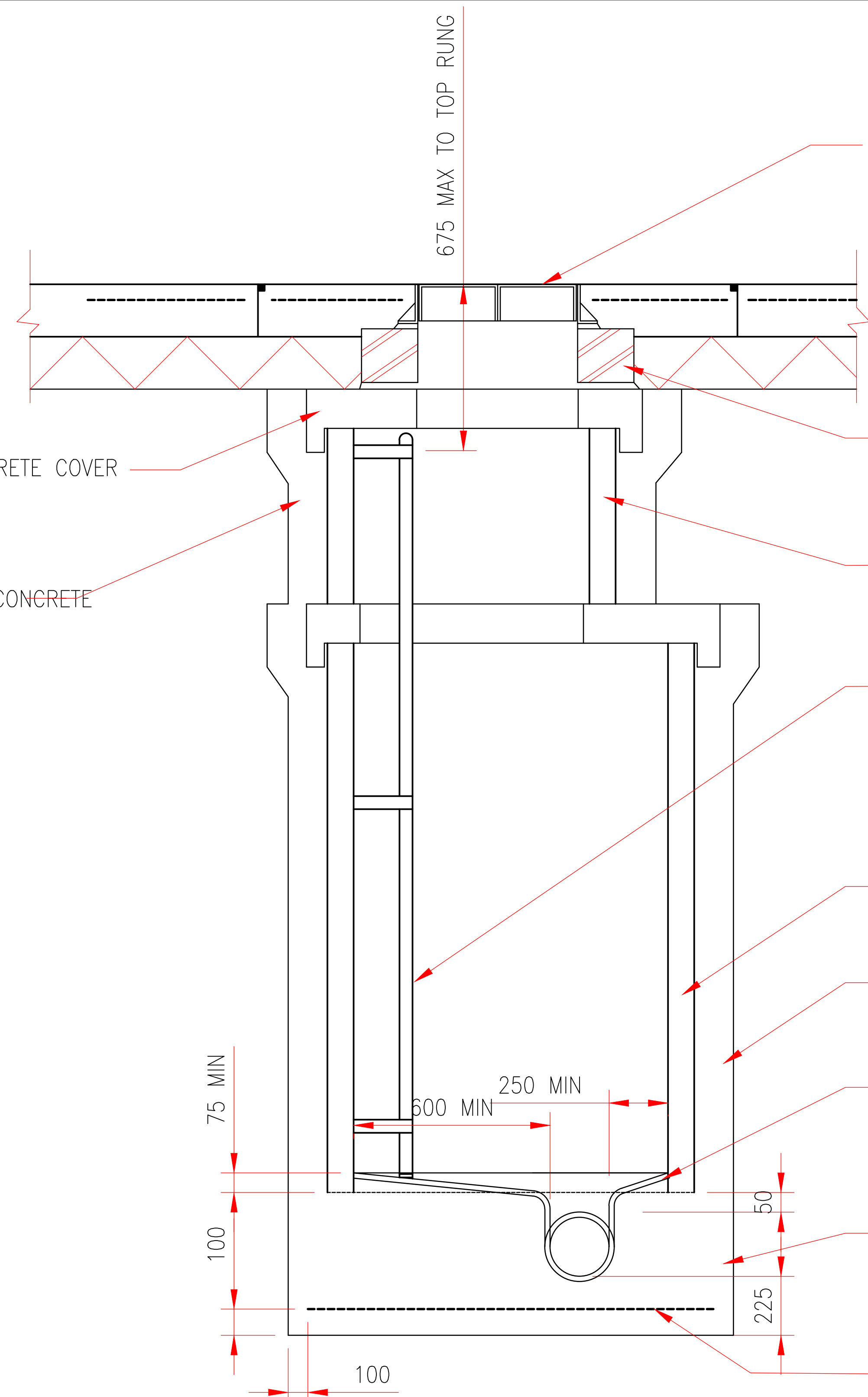


REINFORCED CONCRETE COVER
SLAB TO BS 5911

150 THICK GEN3 CONCRETE
SURROUND



SECTION

600 x 600 HEAVY DUTY SINGLE SEAL, LOAD CLASS
D400 TO BS EN 124. MANHOLE COVER AND FRAME
BEDDED ON AND HAUNCHED IN CEMENT MORTAR

CLASS B ENGINEERING BRICKWORK
4 COURSES (MAX)
2 COURSES (MIN)

PRECAST CONCRETE CHAMBER RINGS
TO BS 5911

LADDER, SEE STANDARD DETAIL
(LADDER TO BE GRP FOR MANHOLES
TO BE ADOPTED BY UNITED UTILITIES,
SEE NOTE 1)

PRECAST CONCRETE CHAMBER RINGS
TO BS 5911

150 THICK GEN3 CONCRETE
SURROUND

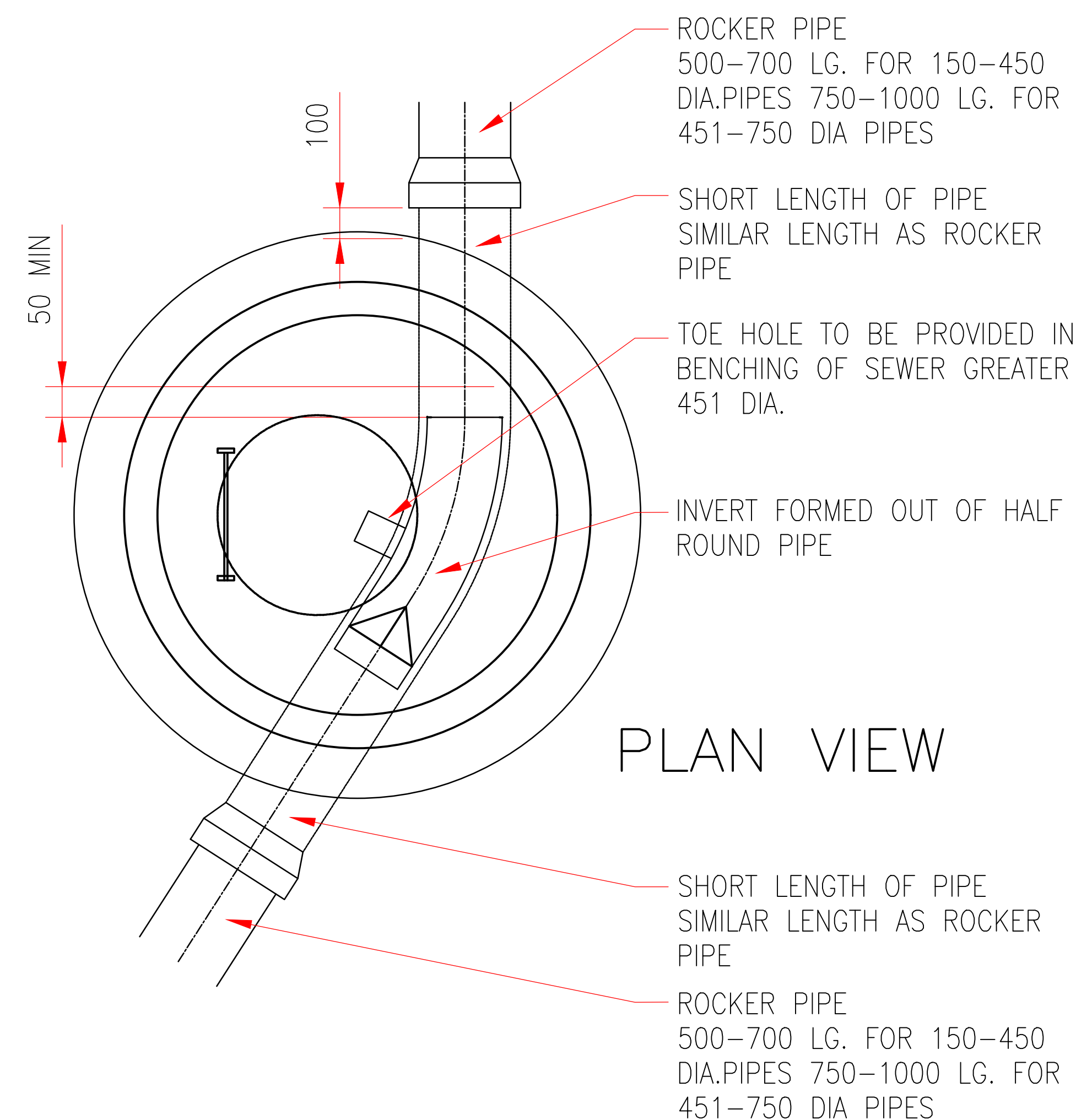
BENCHING TO HAVE STEEL FLOATED
GRANOLITHIC CONCRETE FINISH TO ALL
BRANCH CONNECTIONS, MIN 20 THK,
BENCHING SLOPE 1 IN 12.

GEN3 CONCRETE BASE SLAB

A193 MESH REINFORCEMENT

NOTES:

1. GRP LADDER. GRP LADDERS SHALL BE MANUFACTURED FROM
PULTRUDED SECTIONS CONFORMING TO BS EN 13706-2 AND BS EN
13706-03. THE SURFACE SHALL BE SMOOTH WITH FIBRES EMBEDDED
AND SEALED AGAINST PENETRATION FROM DIRT AND WATER. THE BARCOL
HARDNESS OF THE SECTIONS SHALL BE AT LEAST 35 WHEN TESTED IN
ACCORDANCE WITH BS 2782-10



PLAN VIEW

TYPICAL MANHOLE DETAIL TYPE A DEPTH TO SOFFIT 3.0m TO 6.0m

Reid Jones partnership

Consulting Civil &
Structural Engineers

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E-mail enq@reidjonespartnership.co.uk
Web www.reidjonespartnership.co.uk

Client:

ELKER DEVELOPMENTS
LIMITED

Project:

NEW DEVELOPMENT OFF
ELKER LANE BILLINGTON

Title:

PRECAST CONCRETE
MANHOLE TYPE A

A

ISSUED FOR CONSTRUCTION

SHR

BF

16.08.23

P1

ISSUED FOR PLANNING

SHR

BF

10.08.23

Rev

Details

Drawn
By

Ckd/App
By

Date

Issued For:

CONSTRUCTION

Scale: 1:25 @ A3

Project No:

11562

Drawing No:

SD104

Issue:

A