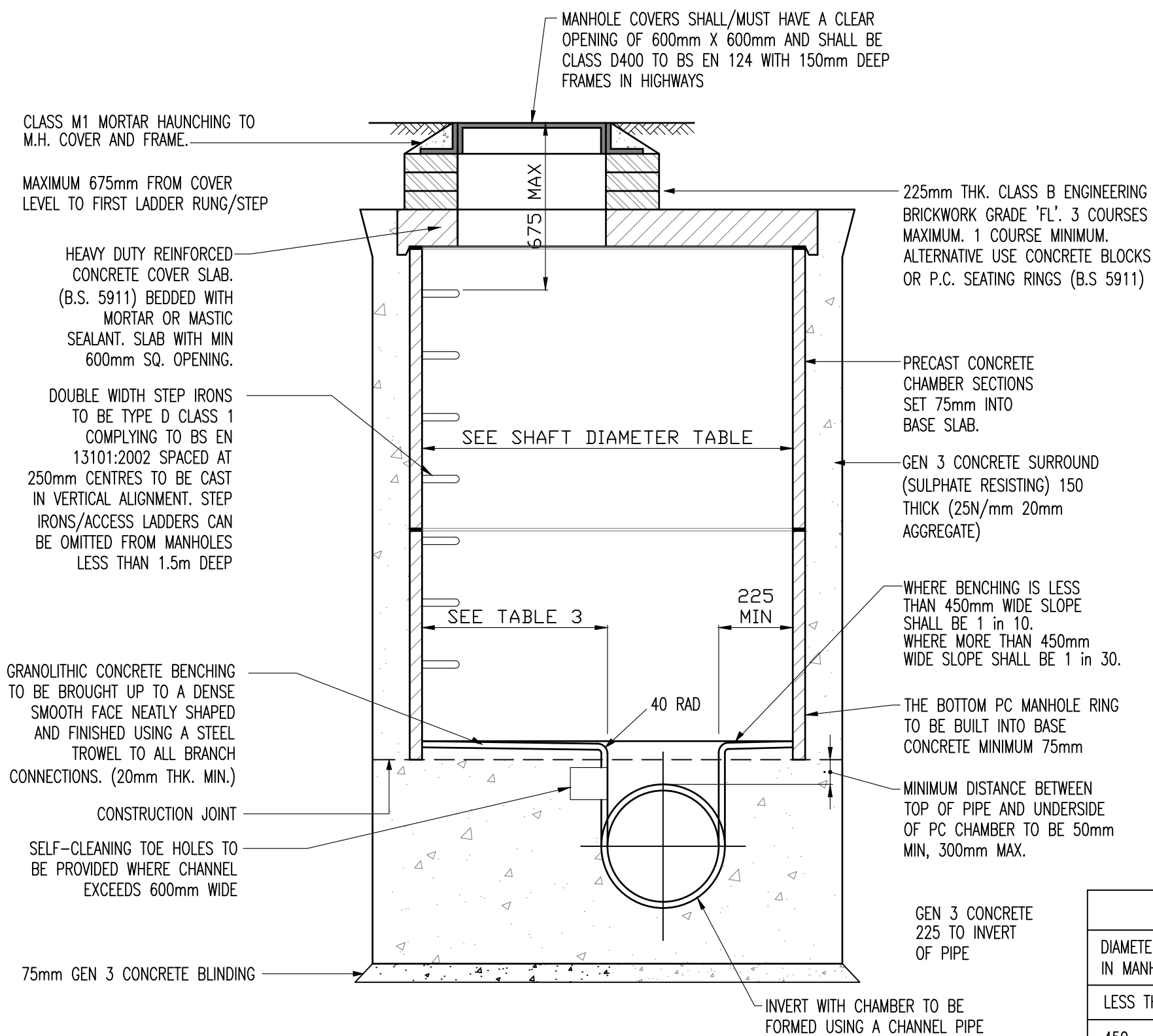




TYPICAL SECTION THROUGH CONCRETE MANHOLE
(DEPTH TO SOFFIT LESS THAN 3m)

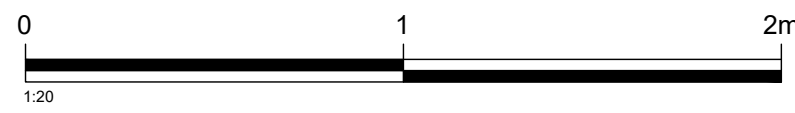
NOTE:
MANHOLES LESS THAN 1.5m TO SOFFIT WITH 1200mmØ CHAMBER SIZE OR LARGER SHOULD HAVE 1200x675mm OPENING (CENTRAL OR ECCENTRIC) SITED OVER THE CHANNEL WITH DOUBLE TWIN 600x600mm COVERS.

SHAFT DIAMETER TABLE	
DIA OF LARGEST PIPE IN MH (mm)	INT. DIA OF MH (mm)
LESS THAN 375	1200
375 TO 700	1500
750 TO 900	1800

ALL PIPES ENTERING OR LEAVING MANHOLES SHALL HAVE A FLEXIBLE JOINT WITHIN 600mm OF THE INSIDE FACE OF THE MANHOLE. THE NEXT PIPE SHALL BE A SHORT "ROCKER PIPE" WITH LENGTH AS TABLE BELOW

ROCKER PIPES	
SEWER DIAMETER (mm)	EFFECTIVE LENGTH (mm)
150 TO 600	600
675 TO 750	1000
825 AND OVER	1250

TABLE 3	
DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	MINIMUM BENCHING (mm)
LESS THAN 450	600
450 – 525	750
1200	750



status

TENDER

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All dimensions are to be checked on site by the contractor prior to proceeding with any work.

Hazard Identification

ref	hazard	date	
T1	ISSUED FOR TENDER	LB	22.08.22
ref	revision	by	date

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GREATER MANCHESTER FIRE AND RESCUE SERVICE

project

LITTLEBOROUGH FIRE STATION
EXTENSION AND REFURBISHMENT

drawing

PROPOSED CONCRETE MANHOLE
DETAILS

drawn byLB

dateJUL 2022

checked by

date

scale1:20

A3

dwg no1978.37.125

revT1