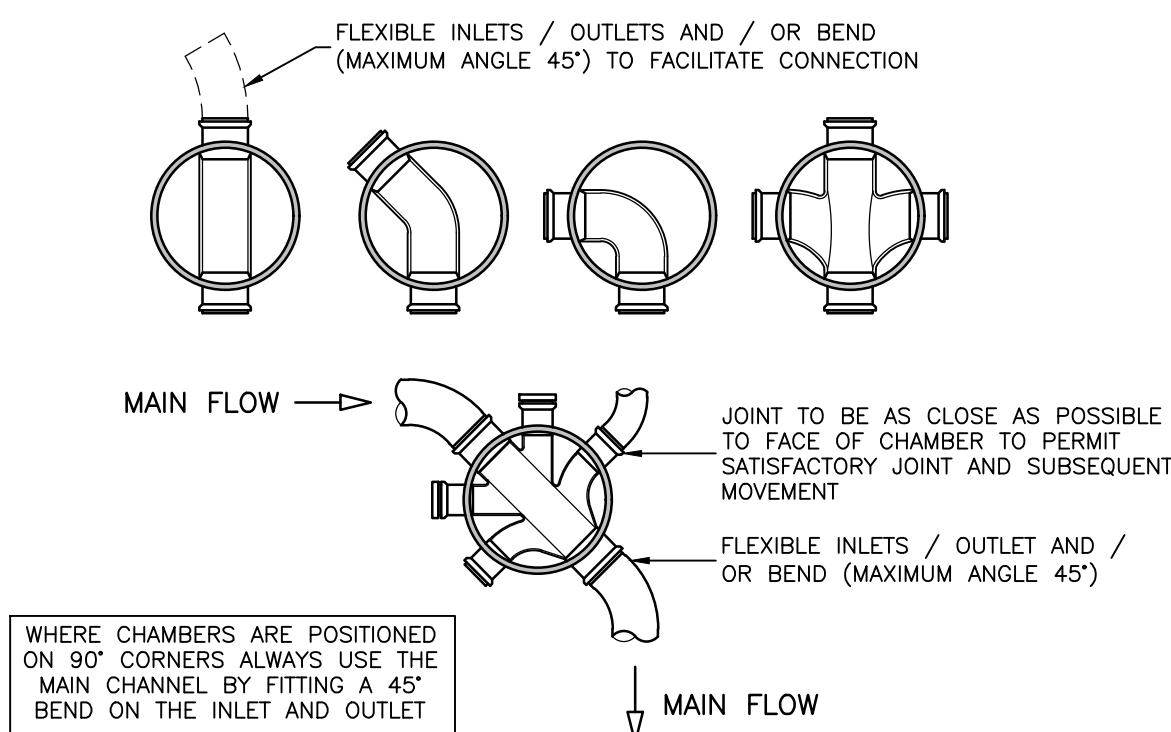
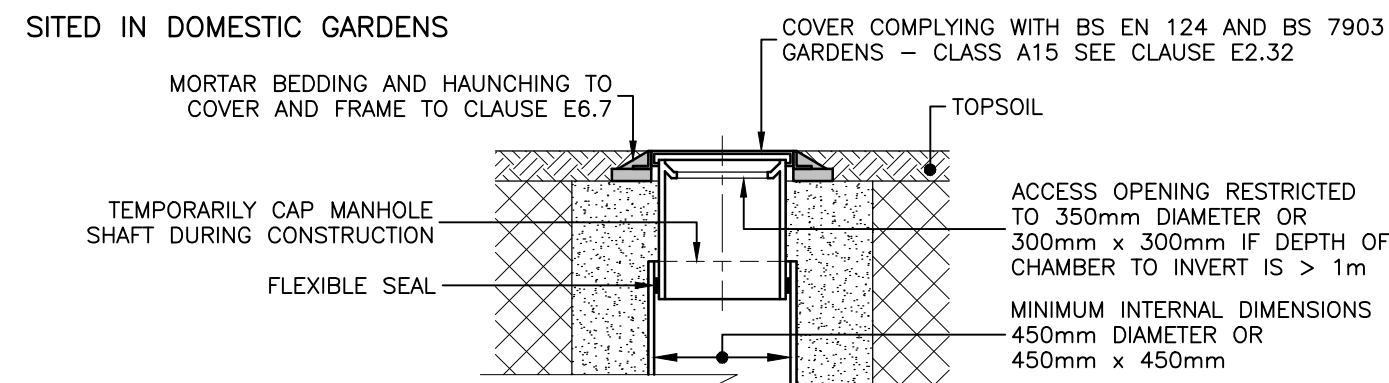
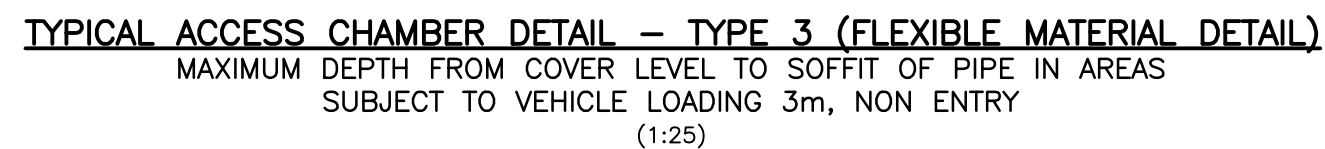
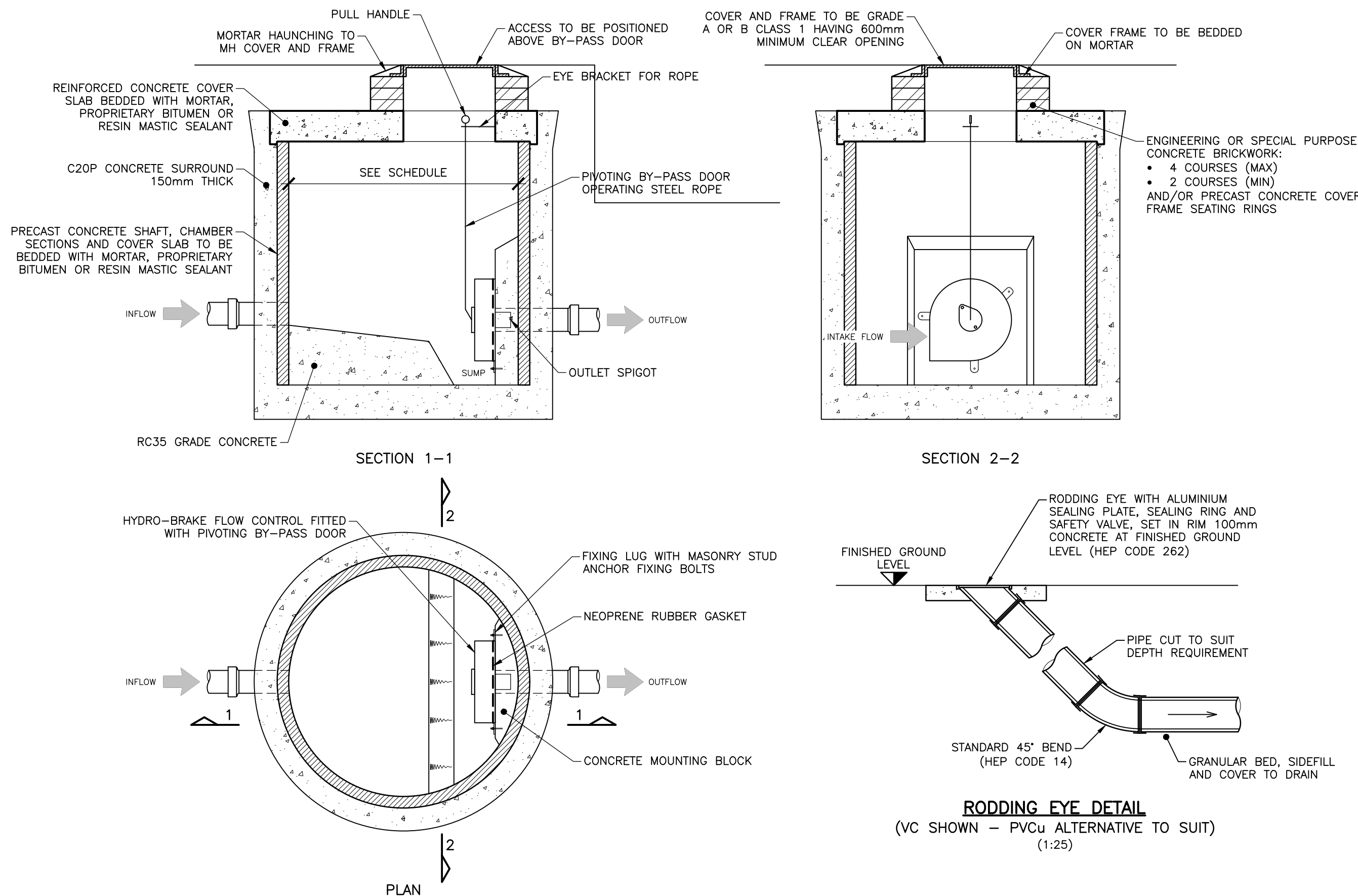
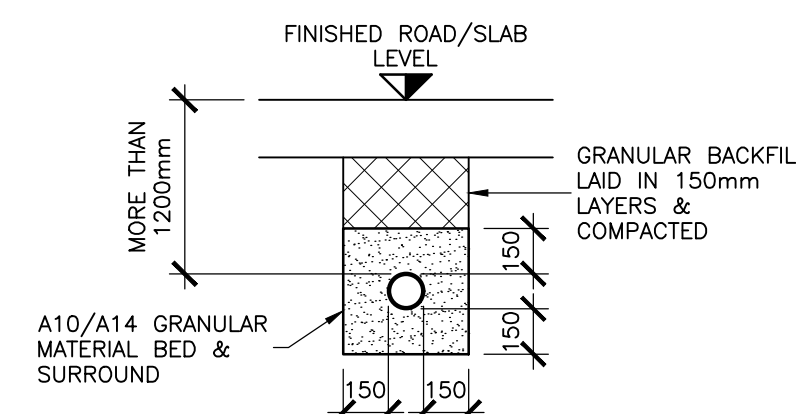




ALTERNATIVE BASE LAYOUTS FOR TYPE 3 CHAMBERS

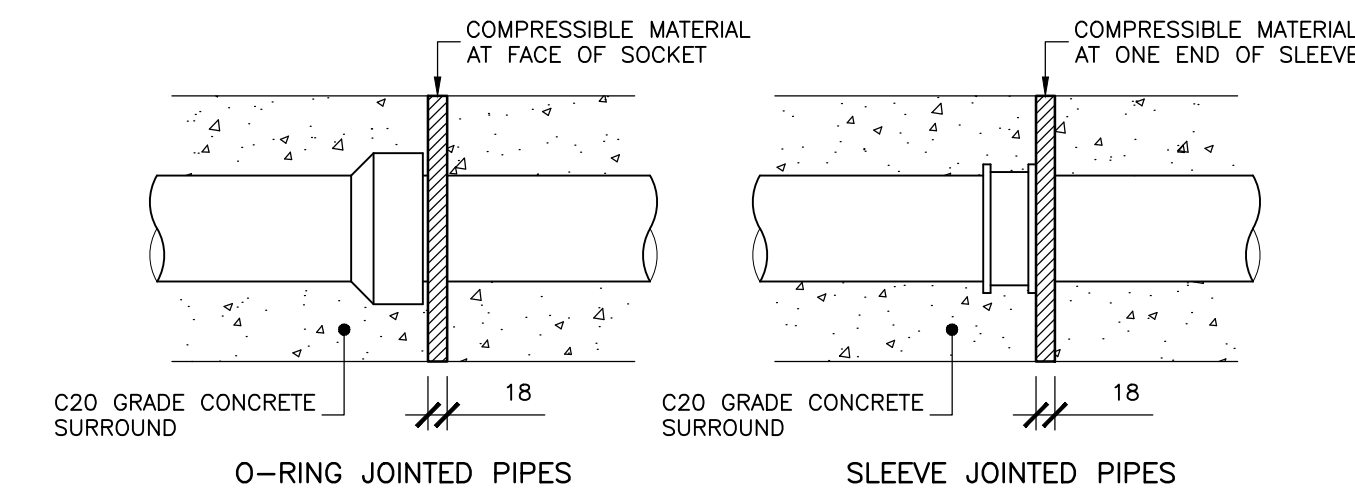


MANHOLE WITH HYDRO-BRAKE
MD-SCL-0070-2000-0400-2000
(DETAIL INDICATIVE ONLY-ACTUAL DETAILED INSTALLATION TO BE IN
ACCORDANCE WITH THE SPECIALIST MANUFACTURER'S RECOMMENDATIONS)
(1:25)

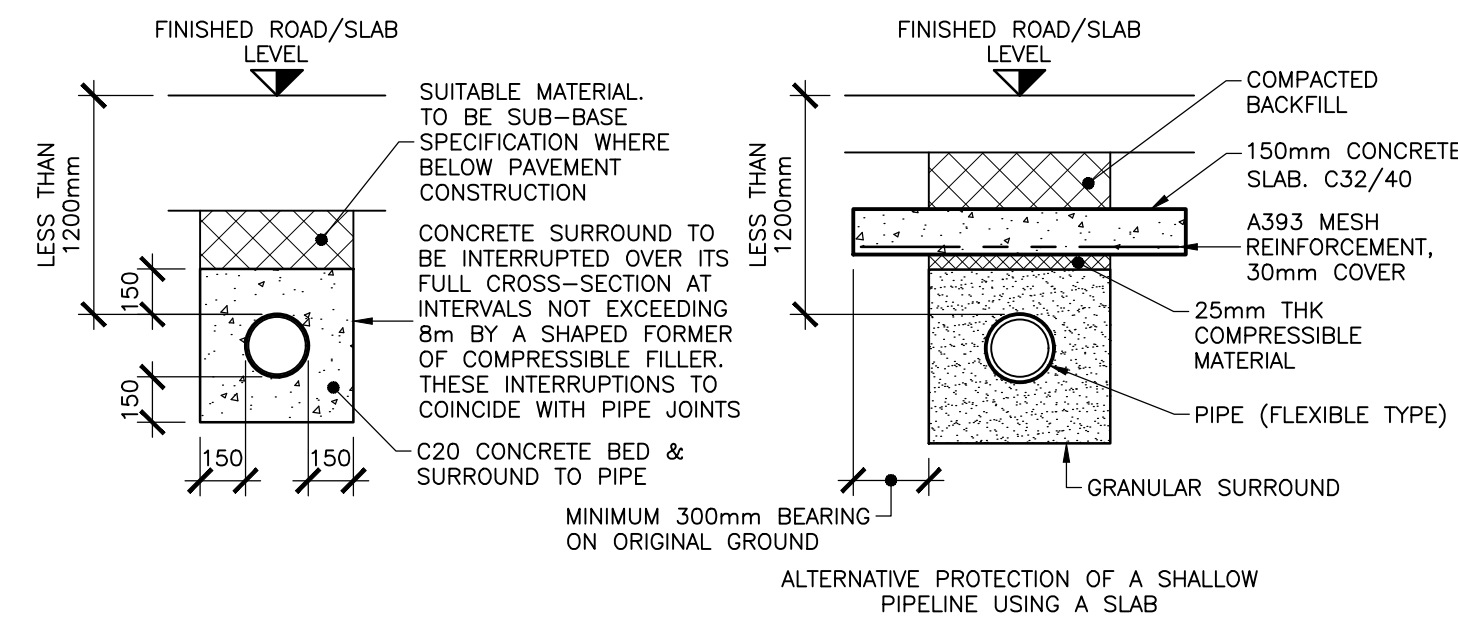


SIZE OF GRANULAR MATERIAL (TO BS 882: 1983)		
NOMINAL PIPE BORE OF (mm)	SIZE (mm)	
	SINGLE-SIZED	GRADED
100 & 150	10	—
225 & 300	10 OR 20	20 TO 5
375 — 500	20	20 TO 5

PIPE BED & SURROUND DETAIL
(CLASS S)
(1:25)



THE FLEXIBILITY OF A PIPELINE BEDDED ON, OR SURROUNDED WITH, CONCRETE SHOULD NORMALLY BE MAINTAINED BY THE PROVISION OF A FLEXIBLE CONSTRUCTION JOINT THROUGH THE CONCRETE AT PIPE JOINTS. THESE JOINTS SHOULD BE MADE FROM BITUMEN IMPREGATED INSULATING BOARD COMPLYING WITH BS 1142 PART 3, OR OTHER EQUALLY COMPRESSIBLE FILLER MATERIAL SUCH AS EXPANDED POLYSTYRENE. THE BOARD SHOULD BE CUT TO FIT THE PIPES & PLACED AT THE FACE OF THE PIPE SOCKETS OR AT ONE END OF SLEEVE JOINTS. THE JOINT MATERIAL SHOULD BE AT LEAST 18mm THICK PLACED AT 5.0m CENTRES MAX.



PROTECTION TO PIPELINES WITH LESS THAN 1200mm COVER
(1:25)

THIS DRAWING IS TO BE
READ IN CONJUNCTION WITH
DRAWING No.SPRO32-500

CDM REGULATIONS 2015

ARCH ASSOCIATES HAVE CONSIDERED AND, WHERE REASONABLY PRACTICABLE, AVOIDED FORESEEABLE RISKS IN THE PREPARATION OF THE DESIGN SHOWN ON THIS AND RELATED DRAWINGS.

SIGNIFICANT RISKS WHICH REMAIN AND ASSOCIATED CONTROL MEASURES ARE IDENTIFIED BELOW AND SHOULD BE GIVEN PARTICULAR ATTENTION BY THE MAIN CONTRACTOR ON SITE.

ACTIVITY	HAZARD	CONTROL

NOTE: THE ABOVE ASSASSMENT RECORDS ONLY THOSE ELEMENTS CONSIDERED UNUSUAL, DIFFICULT TO MANAGE OR OUTSIDE OF THE ANTICIPATED EXPERTISE OF A COMPETENT CONTRACTOR

P3	17.06.21	HYDROBRAKE REF. ADDED	JH
P2	18.05.21	HYDROBRAKE REF. ADDED	JH
P1	09.04.21	PRELIMINARY ISSUE	JH
Revision	Date	Description	By

Scale AS SHOWN	Paper Size A1	Date MARCH 2021	Drawn By JH	Checked By CH
Project No. SPR032			Drawing No. 551	Revision P3