

SW MANHOLE SCHEDULE

REF	COVER LEVEL	INVERT LEVEL	DEPTH TO SOFT	CHAMBER TYPE	INTERNAL SIZE	COVER GRADE	DRG REV
SW01	—	—	—	2	1200*	B125 R	
SW02	55,500	54,390	960	4	1200*	B125 R	
SW03	55,500	54,290	1060	2	1200*	B125 R	
SW04	—	—	—	2	1200*	B125 R	
SW05	53,970	52,400	1420	2	1200*	B125	
SW06	53,940	52,327	1063	2	1200*	B125	
SW07	53,350	51,900	1300	2	1200*	B125	
SW08	52,650	51,500	1000	2	1200*	B125	

* APPROX COVER LEVEL TO BE CONFIRMED ON SITE TO SUIT EXACT FINISHED GROUND LEVELS	** COVER GRADE TO BS EN124:1994 # SW15 INDICATES MANHOLE WITH A SILT TRAP
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B125 R = RECESSED RECTANGULAR COVER

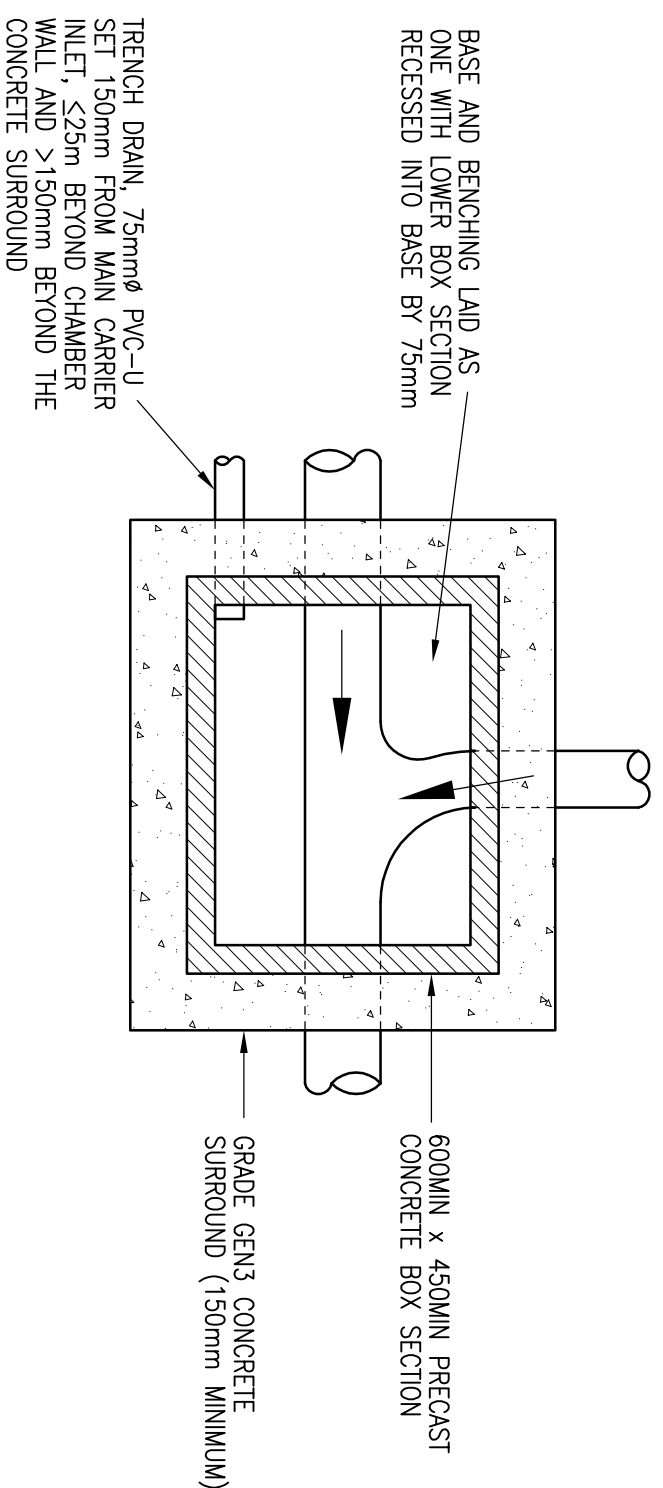
ALL SW PIPES TO BE 150Ø UNLESS NOTED OTHERWISE

FW MANHOLE SCHEDULE

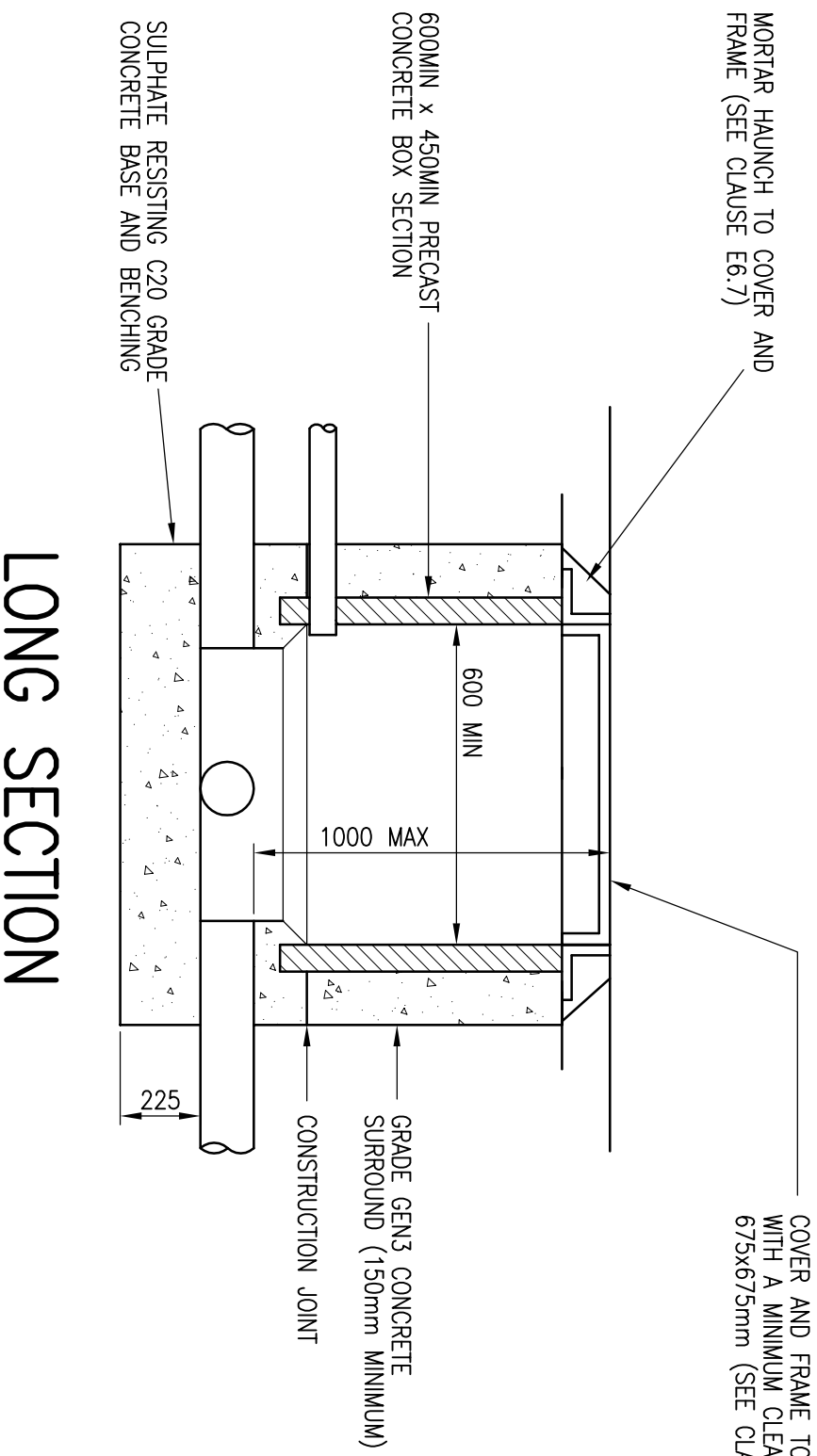
REF	COVER LEVEL*	INVERT LEVEL	DEPTH to SOFFIT	CHAMBER TYPE	INTERNAL SIZE	COVER GRADE**	DRG REV
FW01	FLL	54.920	-	-	1200ø	B125 R	
FW02	FLL	54.630	-	-	1200ø	B125	
FW03	FLL	54.680	-	-	1200ø	B125	

* APPROX COVER LEVEL TO BE CONFIRMED ON SITE TO SUIT EXACT FINISHED GROUND LEVELS	** COVER GRADE to BS EN124:1994
	B125 R = RECESSED RECTANGULAR COVER

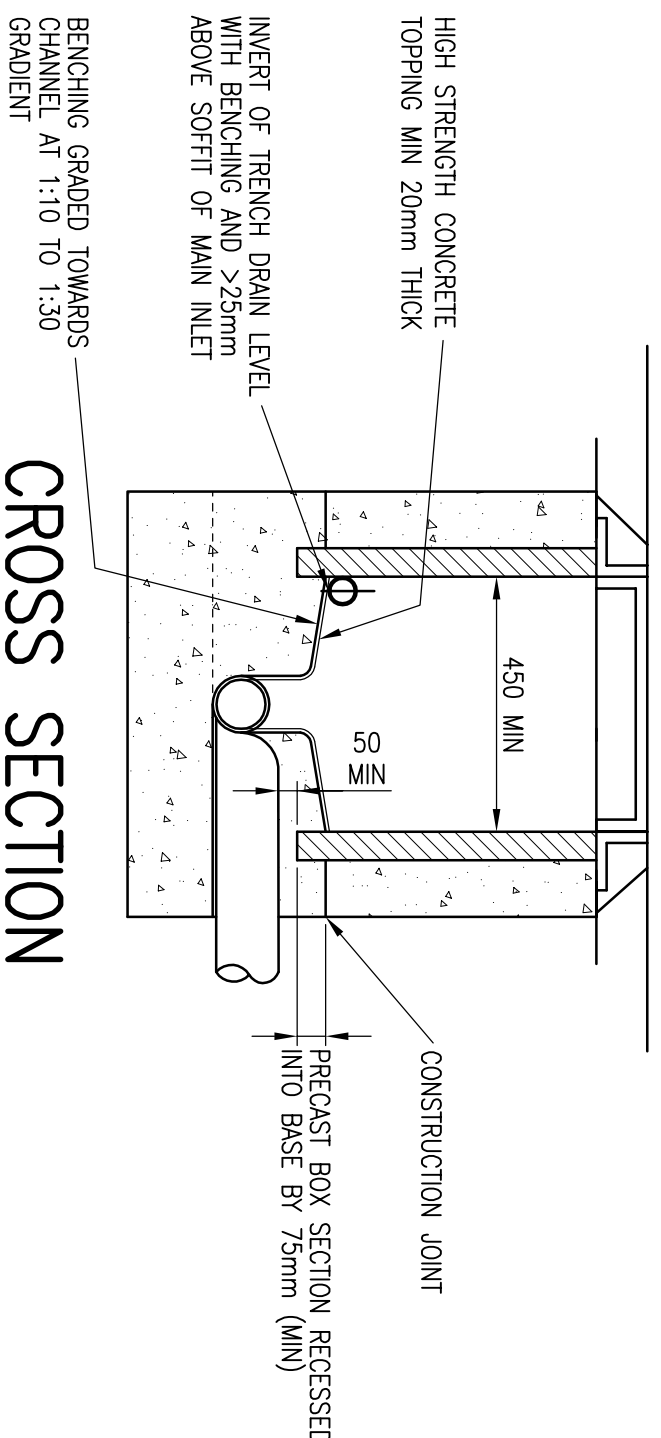
ALL SW PIPES TO BE 150Ø UNLESS NOTED OTHERWISE



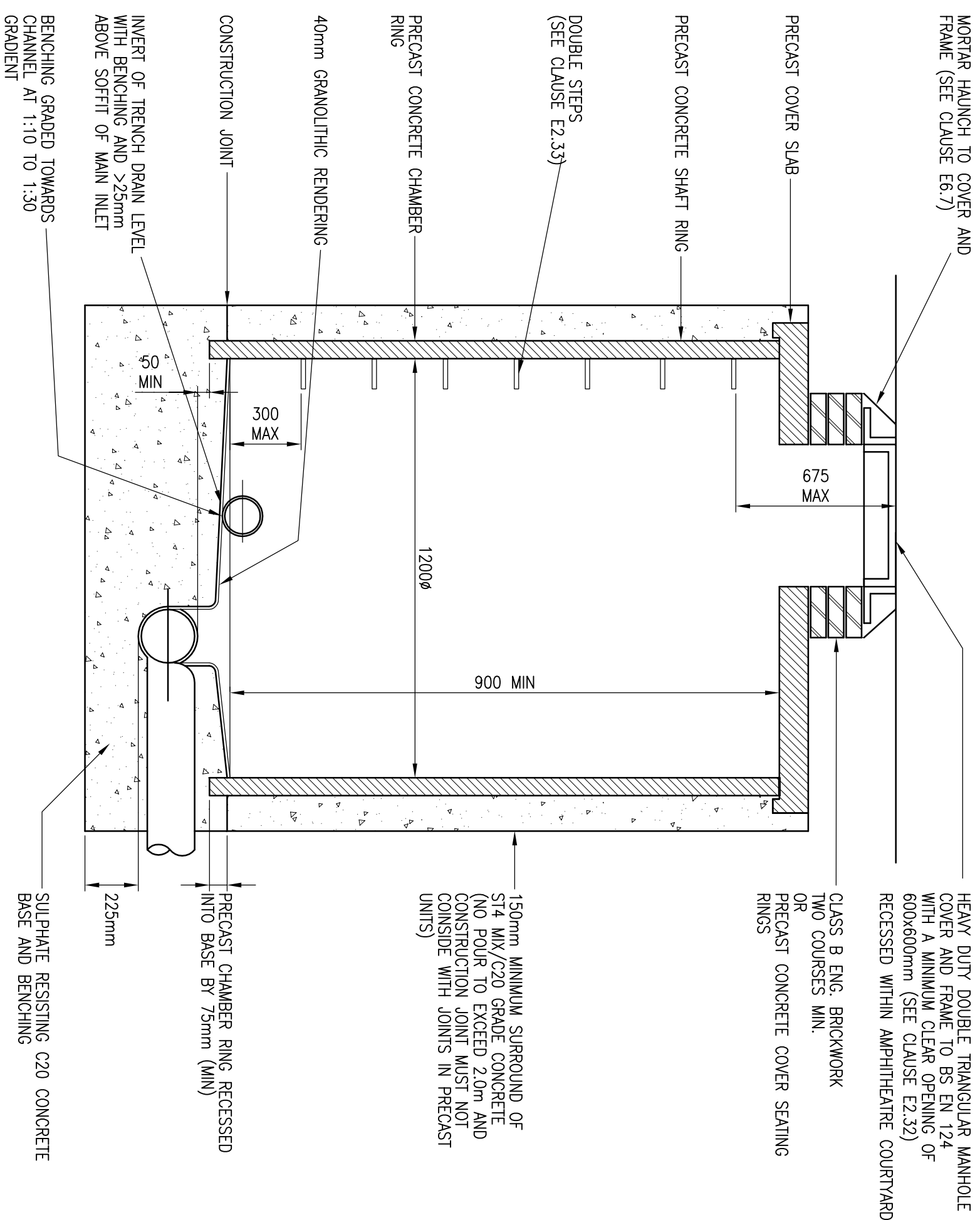
PLAN



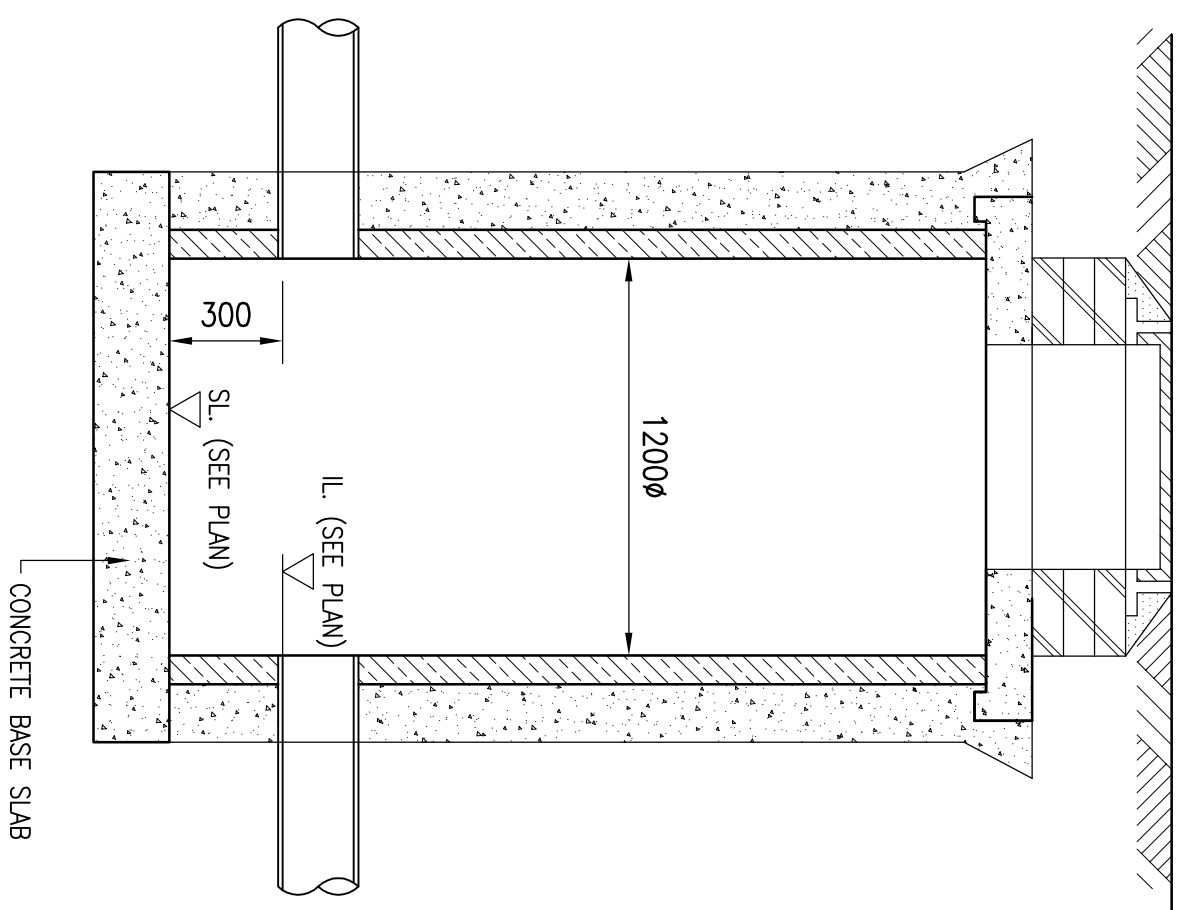
LONG SECTION



CROSS SECTION



MANHOLE TYPE 2 1.0 TO 3.0m DEPTH



CATCHPIT DETAIL

CONSTRUCTION DETAILS AS PER MANHOLE TYPE 2

MANHOLE COVERS TO BS EN 124

CLASS A15 ACCESS COVERS & GRATINGS CAPABLE OF WITHSTANDING A 1.5 TONNES TEST LOAD. FOR USE IN AREAS WHERE ONLY PEDESTRIANS HAVE ACCESS.	CLASS B125 ACCESS COVERS & GRATINGS CAPABLE OF WITHSTANDING A 12.5 TONNES TEST LOAD. FOR USE IN CAR PARKS & PEDIESTRIAN AREAS WHERE OCCASIONAL VEHICULAR ACCESS IS LIKELY.	CLASS C250 ACCESS COVERS & GRATINGS CAPABLE OF WITHSTANDING A 25 TONNES TEST LOAD. FOR USE IN AREAS WHERE NOT EXTENDING MORE THAN 500MM FROM KERB FACE INTO CARPARKWAY. ALL UNITS TO BE EITHER NON-ROCK OR SLIT UNITS IN OPERATION.
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ACCESS COVERS & GRATINGS CAPABLE OF WITHSTANDING A 12.5 Tonnes TEST LOAD. FOR USE IN CAR PARKS & PEDESTRIAN AREAS WHERE OCCASIONAL VEHICULAR ACCESS IS LIKELY.

ACCESS COVERS & GRATINGS CAPABLE OF WITHSTANDING A 25 Tonnes TEST LOAD. FOR USE IN AREAS WHERE NOT EXTENDING MORE THAN 500mm FROM KERB FACE INTO CARRIAGEWAY.

SILENT IN OPERATION.

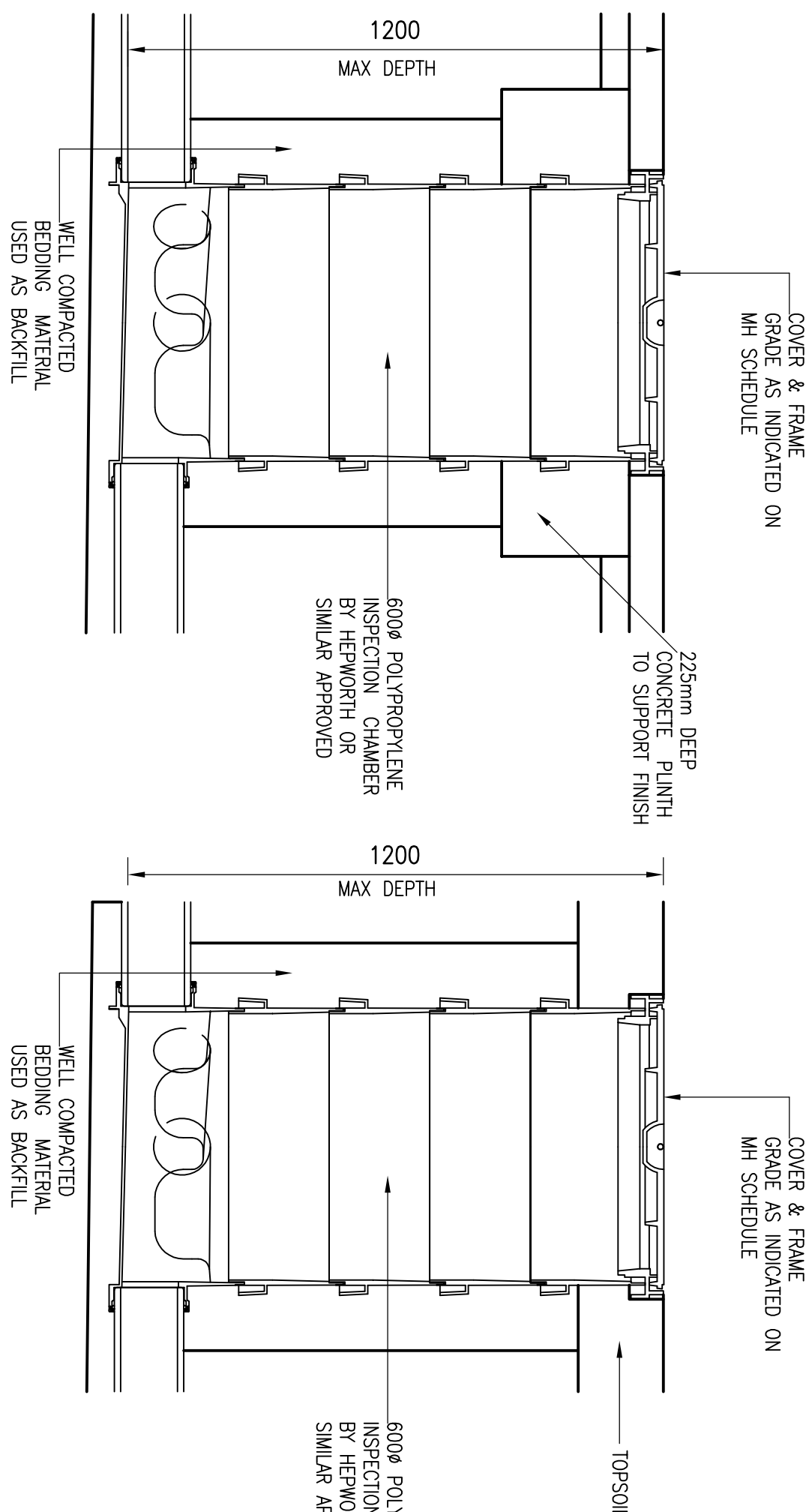
CLASS D400
ACCESS COVERS & GRATINGS CAPABLE OF WITHSTANDING A 40 tonnes TEST LOAD.
FOR USE IN AREAS WHERE CARS & LorRIES HAVE ACCESS INCLUDING CARPARKWAYS, HARD SHOULDERS & PEDESTRIAN AREAS.
ALL UNITS TO BE EITHER NON-ROCK OR SILENT IN OPERATION.

CLASS E600
ACCESS COVERS & GRATINGS CAPABLE OF WITHSTANDING A 60 tonnes TEST LOAD.
WHEN LANDING AIRCRAFT THE HEAVY WHEEL LOADS ARE IMPOSED SUCH AS LOADING AREAS, DOCKS OR AIRCRAFT PAVEMENTS.

CLASS F900
ACCESS COVERS & GRATINGS CAPABLE OF WITHSTANDING A 90 tonnes TEST LOAD.
FOR USE IN AREAS WHERE VERY HEAVY WHEEL LOADS ARE IMPOSED SUCH AS AIRCRAFT PAVEMENTS.

WITHSTANDING A 60 Tonnes TEST LOAD.
FOR USE IN AREAS WHERE HEAVY WHEEL LOADS
ARE IMPOSED SUCH AS LOADING AREAS, DOCKS OR
AIRCRAFT PAYMENTS.

ACCESS COVERS & GRATINGS CAPABLE OF WITHSTANDING A 90 Tonnes TEST LOAD. FOR USE IN AREAS WHERE VERY HEAVY WHEEL LOADS ARE IMPOSED SUCH AS AIRCRAFT PAVEMENTS.



SITED IN DRIVEWAYS/PAVED AREAS

SITED IN LANDSCAPED AREAS

6000 POLYPROPYLENE INSPECTION CHAMBER



INSPECTION CHAMBER TYPE 4 (PRECAST CONCRETE) LESS THAN 1.0m DEPTH

Notes

1. THIS DRAWING IS COPYRIGHT & MUST NOT BE DISCLOSED TO THIRD PARTIES WITHOUT OUR PERMISSION.
2. SCALED DIMENSIONS ARE NOT TO BE USED FOR CONSTRUCTION.

Notes

no.	date	am.	description
C4	12/08/16	MPE	MANHOLE SCHEDULES REVISED RECESSED COVER NOTES ADDED. Y/C VIEWPORT RE-SOAKED
C3	05/08/16	MPE	REV MANHOLE SCHEDULE ADDED
C2	29/07/16	MPE	MANHOLE SCHEDULE REVISED
C1	24/07/16	MPE	CONSTRUCTION ISSUE
P1	15/07/16	MPE	PRELIMINARY FOR COMMENT

PURBROOK PARK SCHOOL REDEVELOPMENT

BLOCK B
DRAINAGE DETAILS
SHEET 1



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Drawn	Date	Scale	Size
MPE	JUL 2016	AS SHOWN	A1
Drawing No.			Revision

10225-52

C4