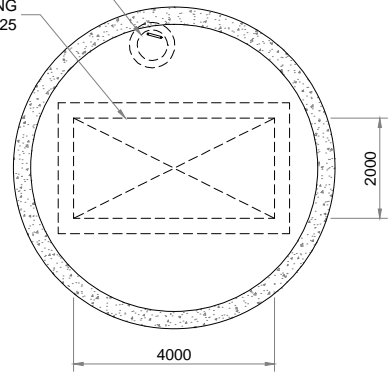
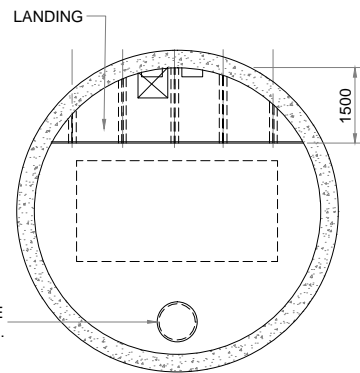


HEAVY DUTY TRIANGULAR
DUCTILE IRON COVER AND
FRAME TO EN124 CLASS D400
WITH 675 DIA. CLEAR OPENING

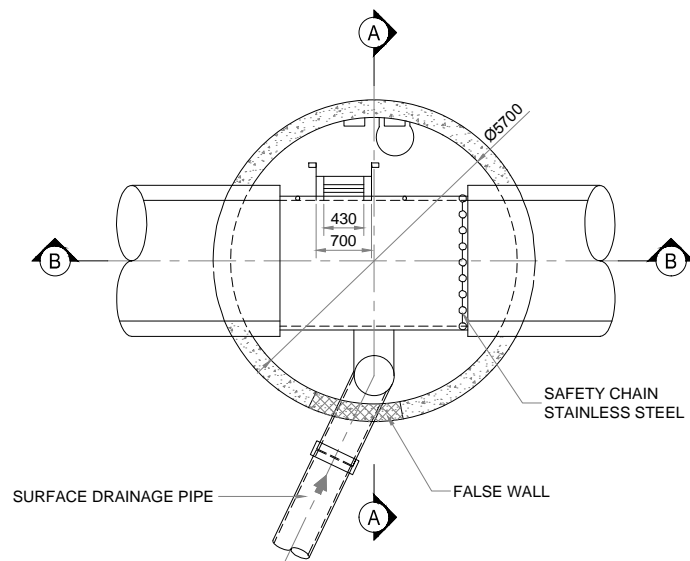
4000 x 2000 OPENING
ERMATIC COVERS B125



SECTION 1-1



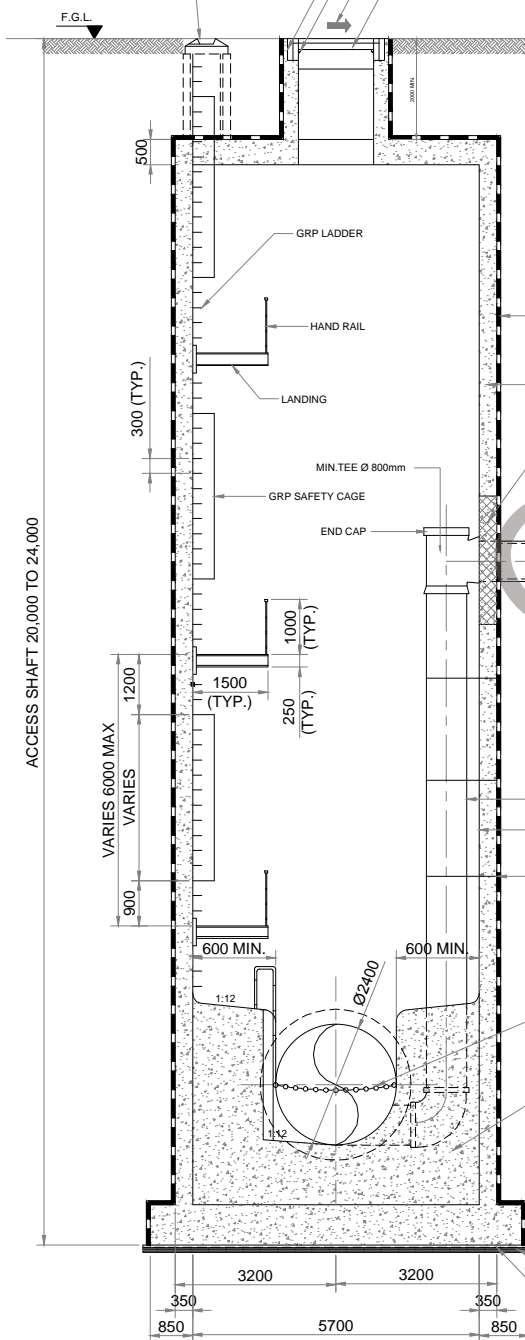
SECTION 2-2



SECTION 3-3

HEAVY DUTY TRIANGULAR
DUCTILE IRON COVER AND
FRAME TO EN124 CLASS D400
WITH 675 DIA. CLEAR OPENING

LEVELLING BOLTS
HINGED BEAM SUPPORT
COVER OPENING DIRECTION
REMOVABLE BEAM



SECTION A-A

WATER PROOFING MEMBRANE TYPE
A WITH 2LAYERS OF ASPHALT
HARDBOARD PROTECTION

350mm THICK REINFORCED
CONCRETE WALL

FALSE WALL (DEPTH VARIES ACCORDING
TO SITE CONDITION)

SURFACE DRAINAGE GRP PIPE
Ø800mm MIN.

GRP DROP SHAFT Ø800mm MIN.

PROTECTIVE COATINGS ON ALL
INTERNAL CONCRETE SURFACES
STAINLESS STEEL BRACKET
(SPACING AS PER SPECIFICATIONS)

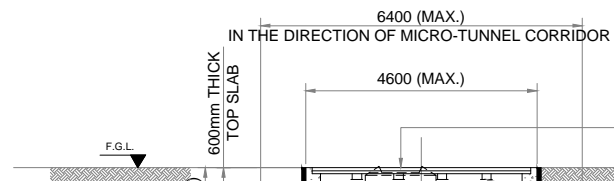
SAFETY CHAIN STAINLESS STEEL

GRADE C35
CONCRETE BENCHING

800mm THICK BASE
SLAB GRADE C35

BLINDING, C15 CONCRETE (TYP.)

WATERPROOFING MEMBRANE TYPE A ONLY
NO HARDBOARD UNDER BOTTOM SLAB (TYP.)



SECTION B-B

4000 X 2000
ERMATIC COVERS B125
COVERS & 4 BEAMS

BEAMS

GRP LADDER

GRP SAFETY CAGE

LANDING

350mm THICK REINFORCED
CONCRETE WALL

HAND RAIL

REINFORCED CONCRETE WALL
TO ATTACHED TO ENTRY RING

ENTRY RING AND LAUNCH SEAL

BLINDING, C15 CONCRETE (TYP.)

WATERPROOFING MEMBRANE
TYPE A ONLY NO HARDBOARD
UNDER BOTTOM SLAB (TYP.)

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS INDICATED OTHERWISE.
2. IF THERE IS DISCREPANCY BETWEEN THE REQUIREMENTS IN THE SPECIFICATIONS AND THOSE SHOWN ON THIS DRAWING, THE PROJECT SPECIFICATIONS SHALL BE FOLLOWED.
3. ALL MATERIALS, FABRICATION AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND VERIFIED BY THE ENGINEER.
4. THE REINFORCEMENT ARE FOR GUIDANCE ONLY.THE CONTRACTOR SHALL PREPARE AND SUBMIT DRAWING SHOWING REINFORCEMENT DETAILS WITH REQUIRED STRUCTURAL CALCULATIONS FOR THE ENGINEER APPROVAL.
5. THE DIFFERENTIAL SETTLEMENT IS EXPECTED, SO A SHORT PIECE OF PIPE WITH APPROPRIATE LENGTH SHALL BE PROVIDED FOR BOTH SIDES OF THE STRUCTURE SUBJECTED TO THE APPROVAL OF ENGINEER. FOR DETAILS OF SHORT PIECE REFER TO DRAWING No. N-215.
6. DIMENSIONS OF PRECAST BASE AND INTERMEDIATE UNITS ARE INDICATIVE ONLY.

F.G.L = FINISHED GROUND LEVEL

REFERENCE DRAWINGS AND DOCUMENTS

No.	REVISIONS	APP'D	DATE
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CLIENT

TITLE
STANDARD DRAWINGS
MAIN ROADS

DRAWING TITLE
SURFACE DRAINAGE DETAILS
OF MICRO TUNNEL PERMANENT
ACCESS SHAFT

DRAWN	-	SCALE	N.T.S
CHECKED	-	DATE	-
APPROVED	-	SIZE	A1
PROJECT No.	-	DWG. No.	N-233