BLOCK PLAN 1:500

GENERAL NOTES

- 1. CODE OF PRACTICE FOR FIRE SAFETY IN BUILDINGS 2011 TO BE COMPLIED WITH.
- 2. DESIGN MANUAL BARRIER FREE ACCESS 2008 TO BE COMPLIED WITH.
- 3. EVERY DRAIN OR SEWER SHALL BE LAID WITH A MINIMUM FALL AS FOLLOW OR AS INDICATED ON DRAWING.
 - A \$100mm AND BELOW AT 1 TO 40;
 - B. 9150mm AT 1 TO 70;
 - C. #225mm AT 1 TO 100;
 - D. #300mm AT 1 TO 150; AND
 - E. #375mm AT 1 TO 180;

F/A	FROM ABOVE
V.	
F/B	FROM BELOW
T/A	TO ABOVE
Т/В	TO BELOW
H/L	HIGH LEVEL
M/L	MIDDLE LEVEL
L/L	LOW LEVEL
U/G	UNDERGROUND
A.F.F.L.	ABOVE FINISHED FLOOR LEVEL
F.M.H.	FOUL MANHOLE
ST.M.H.	STORMWATER MANHOLE
C.L.	COVER LEVEL
57.0556 200	INVERT LEVEL
	DISCONNECTING TRAP INVERT LEVEL
2250) 250) 250)	FLOOR DRAIN
	TOP ACCESS FLOOR DRAIN
	BATH DRAIN
Printer and a second	SHOWER DRAIN
	TOP ACCESS SHOWER DRAIN
V.G.	VERTICAL GRATING
R.W.O.	RAIN WATER OUTLET
C.E.	CLEANSING EYE
SP	SOIL PIPE
SWP	SOIL & WASTE PIPE
WP	WASTE PIPE
VP	VENT PIPE
CDP	CONDENSATION PIPE
RWP	RAIN WATER PIPE
C.I.	CAST IRON
S.S.	STAINLESS STEEL
G.S.	GALVANISED STEEL
D.I.	DUCTILE IRON PIPE
UPVC	UNPLASTICIZED PVC PIPE
AP	ACCESS PANEL (INDICATED AP SIZE)
GT	GREASE TRAP
	CATCH PIT

SAND PIT

		APPROVED IN	ONS OF AND/OR FORM BD 106,	BO APPROVAL/REJECTION LETTER	PERMIT DATE BO 106 PERMIT NO. EXPIRY DATE					
ПЕМ	BUILDING REGULATION	DESCRIPTION	APPROVAL CONDITION REF.		10	٨	В	С	D	Ε

	LEGEND							
	ш—ш	COVERED CHANNEL	_	RAWING L	IST			
		HALF ROUND/FLAT CHANNEL	Г	DRAWING NO.	RF	VISIO	NS.	DRAWING TITLE
	STMH-XX	STORMWATER MANHOLE (XX = NUMBERING)		DG-01	-			BLOCK PLAN, LEGENDS, ABBREVIATION AND
	FMH-XX	FOUL MANHOLE (XX = NUMBERING)	-	DS-01				SCHEMATIC LINE DIAGRAM FOR DRAINAGE SYSTEM
	TSTMH-XX	TERMINAL STORMWATER MANHOLE (XX = NUMBER	RING)	DL-01	=			DRAINAGE LAYOUT PLAN FOR G/F
	TFMH-XX	TERMINAL FOUL MANHOLE (XX = NUMBERING)		DL-02				DRAINAGE LAYOUT PLAN FOR TYPICAL FLOOR
			-	DL-03				DRAINAGE LAYOUT PLAN FOR ROOF FLOOR
	w	WASTE WATER PIPE	-	DD-01			H	DRAINAGE INSTALLATION DETAIL 1
	S	SOIL PIPE	+		1			
	R	RAIN WATER PIPE	-	DD-02	\blacksquare			CIVILVE III JIVECIII CII E L
	V	VENT PIPE/ ANTI-SIPHONAGE PIPE	1		井			
	0	FROM BELOW			+			
52.		TO BELOW	_			لطحا		
		FROM ABOVE						
		TO ABOVE						
	O DE	PLANTER DRAIN	EDIAL C	OF DRAINA	GE	DID	E	
		OPEN TRAP GULLY	LINAL	JI DIVANIA	GL		_	
	THE STATE OF THE S	BACK INLET TRAP GULLY	TYPE OF PIPE		SIZE			MATERIAL
	⊗ -	FLOOR DRAIN				10.00		
		FLOOR DRAIN (TOP ACCESS)						
		VERTICAL GRATING						
		PETROL INTERCEPTOR				iki		
	Ŋ	ANTI-SIPHONAGE TRAP						
	0-	ANTI-SIPHONAGE BOTTLE TRAP			16			
	※	WIRE BALLOON				- 15		
)	B	FRESH AIR INLET						
	0	RAIN WATER OUTLET						
	⊤ ⊚	CLEANSING EYE						
	TEATH STEAM							
		SUNKEN SLAB AREA						
	8	SUMP PIT						
	1:XX	FALL GRADIENT (XX = VALUE OF GRADIENT)						
	S A	WATER CLOSET (LOW LEVEL / CLOSE COUPLED CISTERN)						
	S D	URINAL						

0

SINK

BD REF
BIM REF
FSD REF

REV. DATE AMENDMENT
PROJECT
SAMPLE

DRAWING TITLE

BLOCK PLAN, LEGI

BLOCK PLAN, LEGENDS, ABBREVIATIONS AND GENERAL NOTES FOR DRAINAGE SYSTEM

SORUCE ---

DRAWING NO.

90mm (W) x 40mm (H) space for COMPANY LOGO

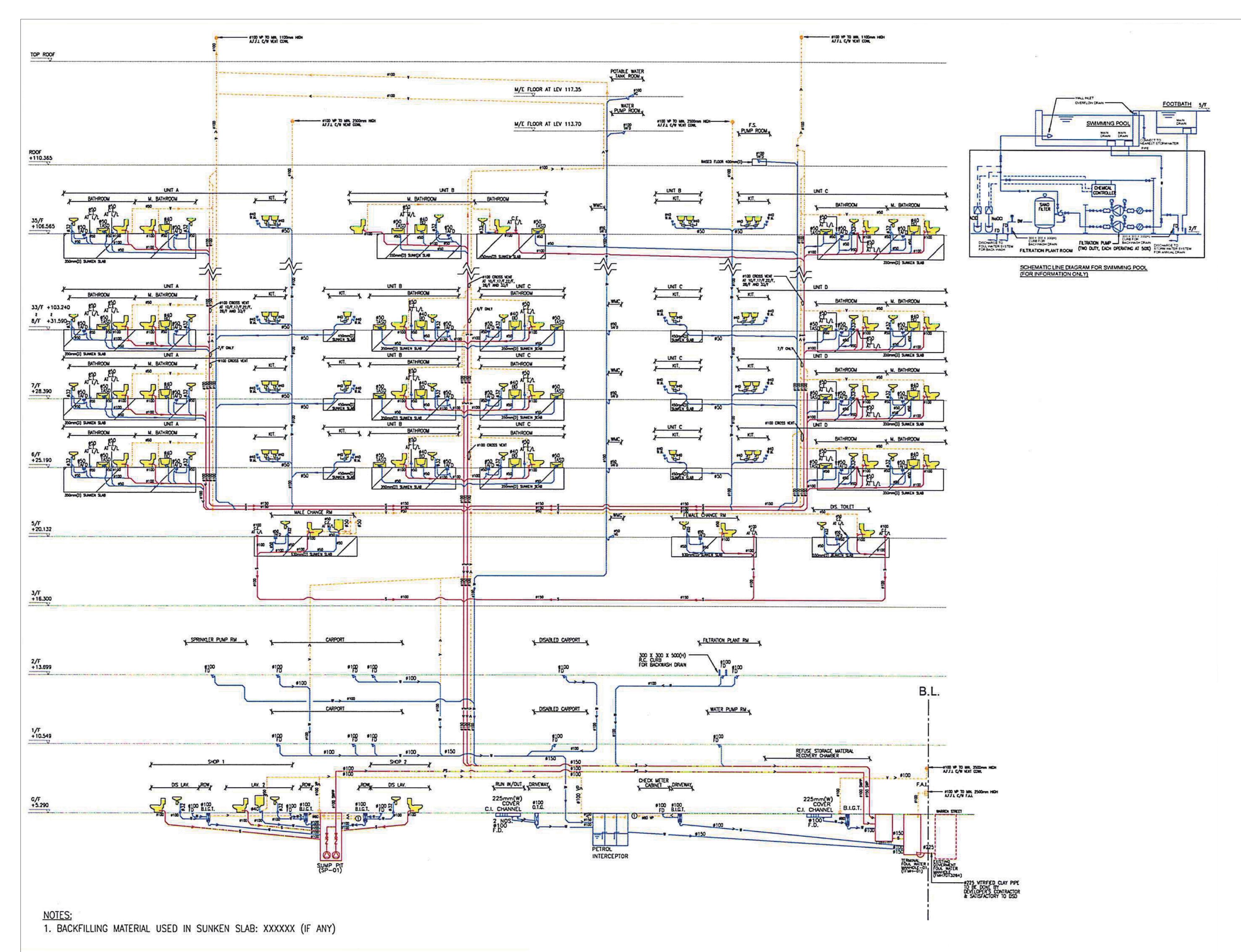
REV. NO.

90mm (W) x 60mm (H) space for AP/RSE/RGE's signature/ and stamp chop

BD's OFFICIAL USE

90mm (W) x 150mm (H) space for BD's approval stamp / certification of copies of approved plans (PNAP ADM-10 APP A)

Appendix C3 (PNAP ADV-33)



BD REF
BIM REF

REV. DATE AMENDMENT
PROJECT
SAMPLE

DRAWING TITLE

SCHEMATIC LINE DIAGRAM FOR

DRAINAGE SYSTEM

SCALE

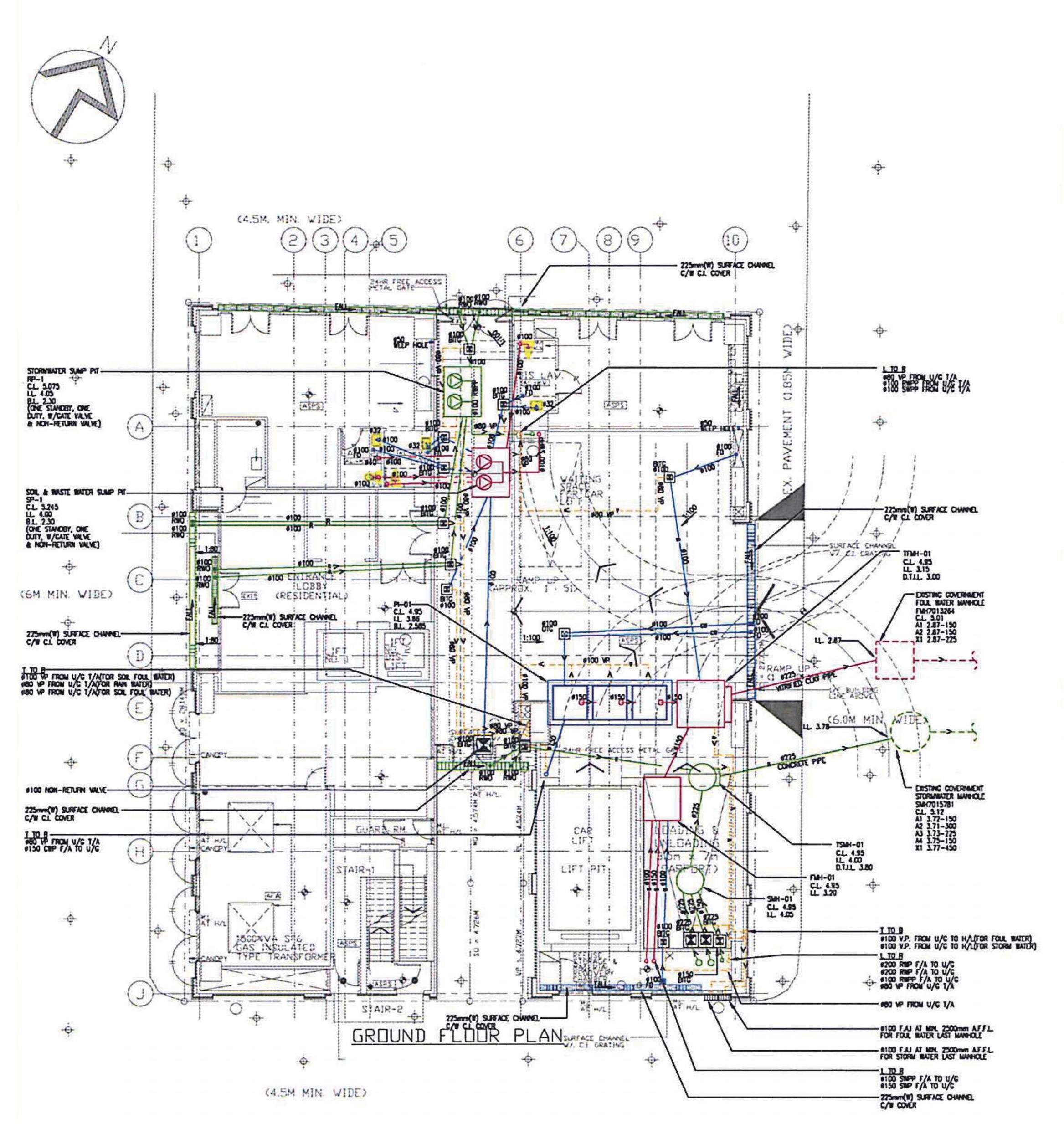
RUCE ---

90mm (W) x 40mm (H) space for COMPANY LOGO

REV. NO.

90mm (W) x 60mm (H) space for AP/RSE/RGE's signature/ and stamp chop

BD's OFFICIAL USE



SCHEDULE OF FOUL WATER MANHOLE

MANHOLE NO.	PIPE DIAMETER(mm)	C.L.	I.L.	D.T.I.L.	DEPTH(mm)	TYPE
FMH-01	150	4.95	3.20	-	1750	Ε
TFMH-01	225	4.95	3.15	3.00	1950	T1

SCHEDULE OF STORMWATER MANHOLE

MANHOLE NO.	PIPE DIAMETER(mm)	C.L.	I.L.	D.T.I.L.	DEPTH(mm)	TYPE
SMH-01	225	4.95	4.05		900	С
TSMH-01	225	4.95	4.00	3.85	1100	T1

SUMP PIT SCHEDULE

SUMP PIT	SUMP PIT SIZE					PUMP DUTY (each)		
NO.	(L X W X D)	C.L.	I.L.	B.L.	PUMP NO.	FLOW (I/s)	HEAD (m)	
RP-01	2000 X 1500 X 2775	5.075	4.05	2.30	STSP-01, 02	9	15	
SP-01	2000 X 1500 X 2945	5.245	4.00	2.30	SSP-01-01, 02	5	15	

SCHEDULE OF PETROL INTERCEPTOR

PETROL INTERCEPTOR NO.	C.L.	I.L.	B.L.	DEPTH(mm)
PI-01	4.95	3.86	2.585	2365

REV. DATE AMENDMEN
PROJECT
SAMPLE

DRAINAGE LAYOUT PLAN FOR G/F

SODUCE

90mm (W) x 40mm (H) space for COMPANY LOGO

90mm (W) x 60mm (H) space for AP/RSE/RGE's signature/ and stamp chop

BD's OFFICIAL USE

6TH TO 33TH FLOOR PLAN (TYPICAL)

(EXCLUDING 13/F, 14/F AND 24/F)

NOTES:

1. BACKFILLING MATERIAL USED IN SUNKEN SLAB: XXXXXX (IF ANY)

REV. DATE AMENDMENT
PROJECT
SAMPLE

DRAINAGE LAYOUT PLAN FOR TYPICAL

SCALE

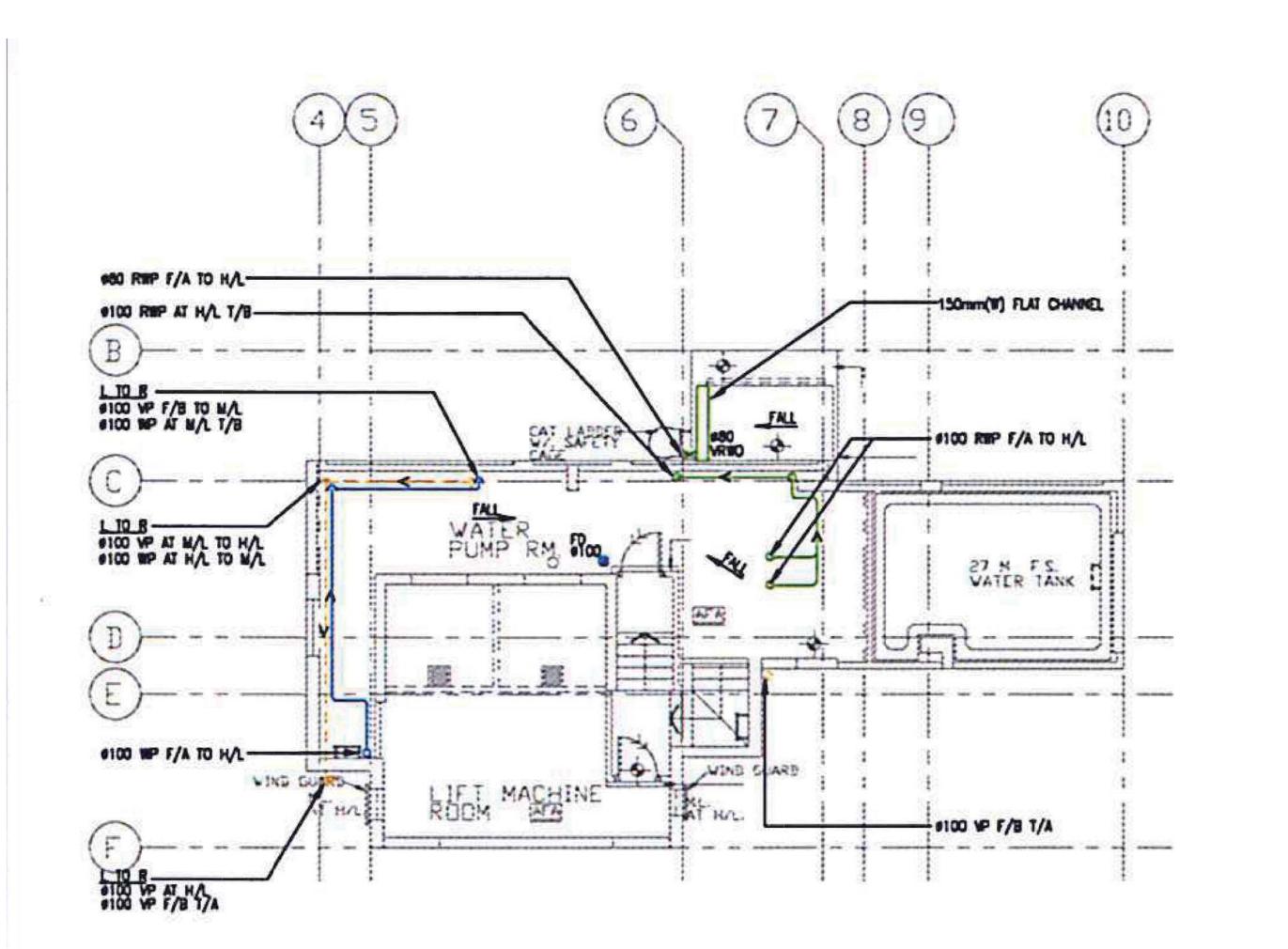
SORUCE ---

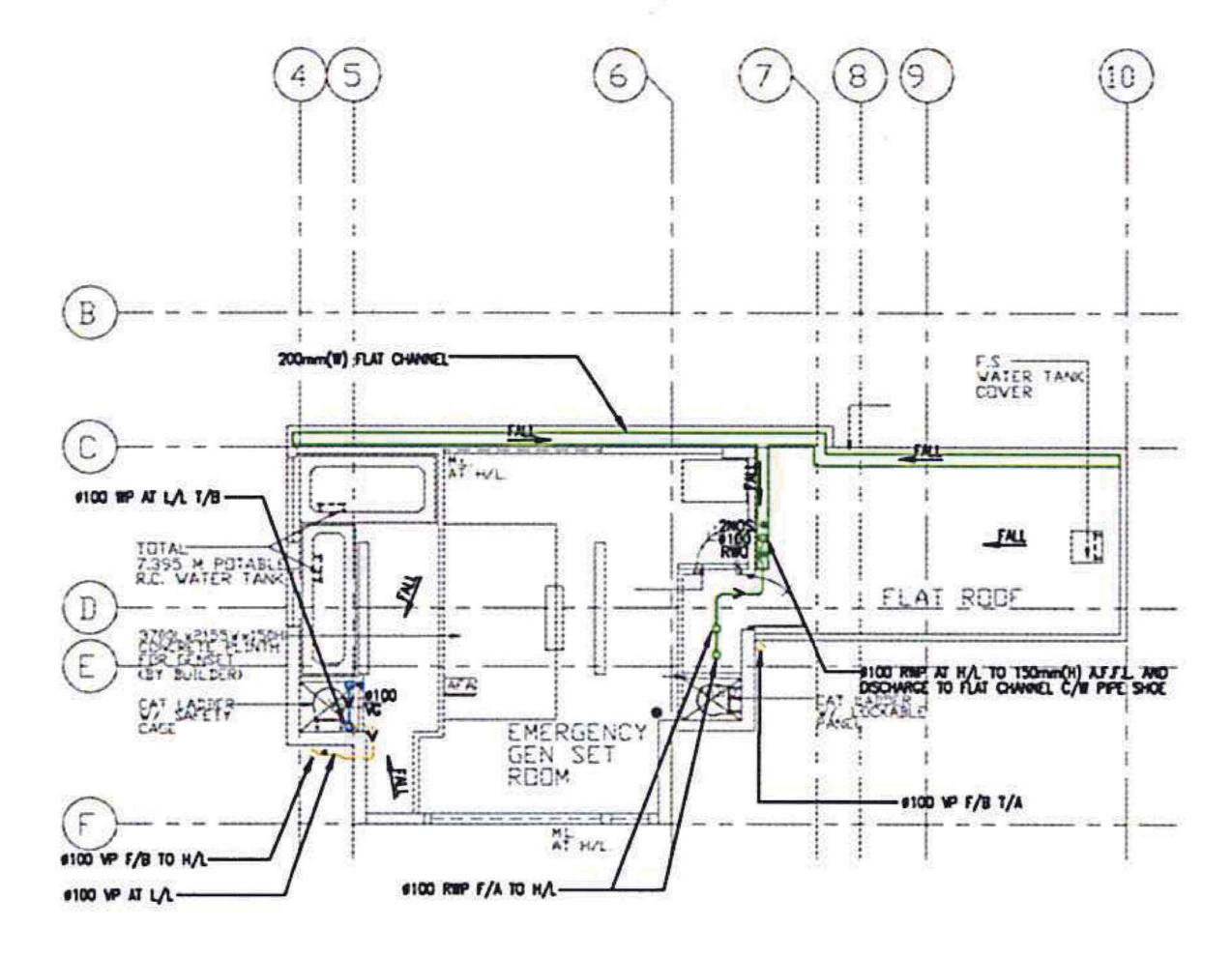
90mm (W) x 40mm (H) space for COMPANY LOGO

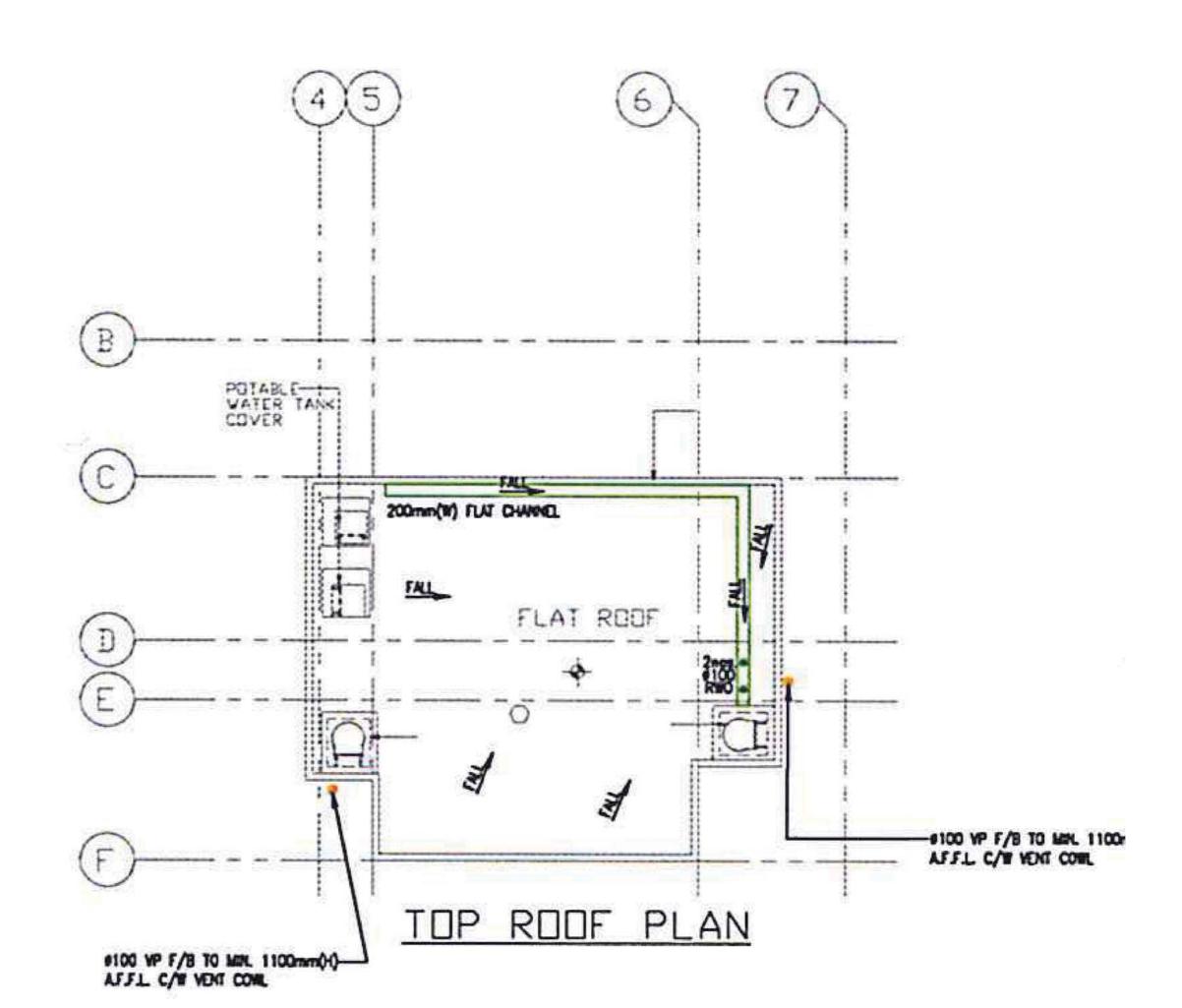
REV. NO.

90mm (W) x 60mm (H) space for AP/RSE/RGE's signature/ and stamp chop

BD's OFFICIAL USE

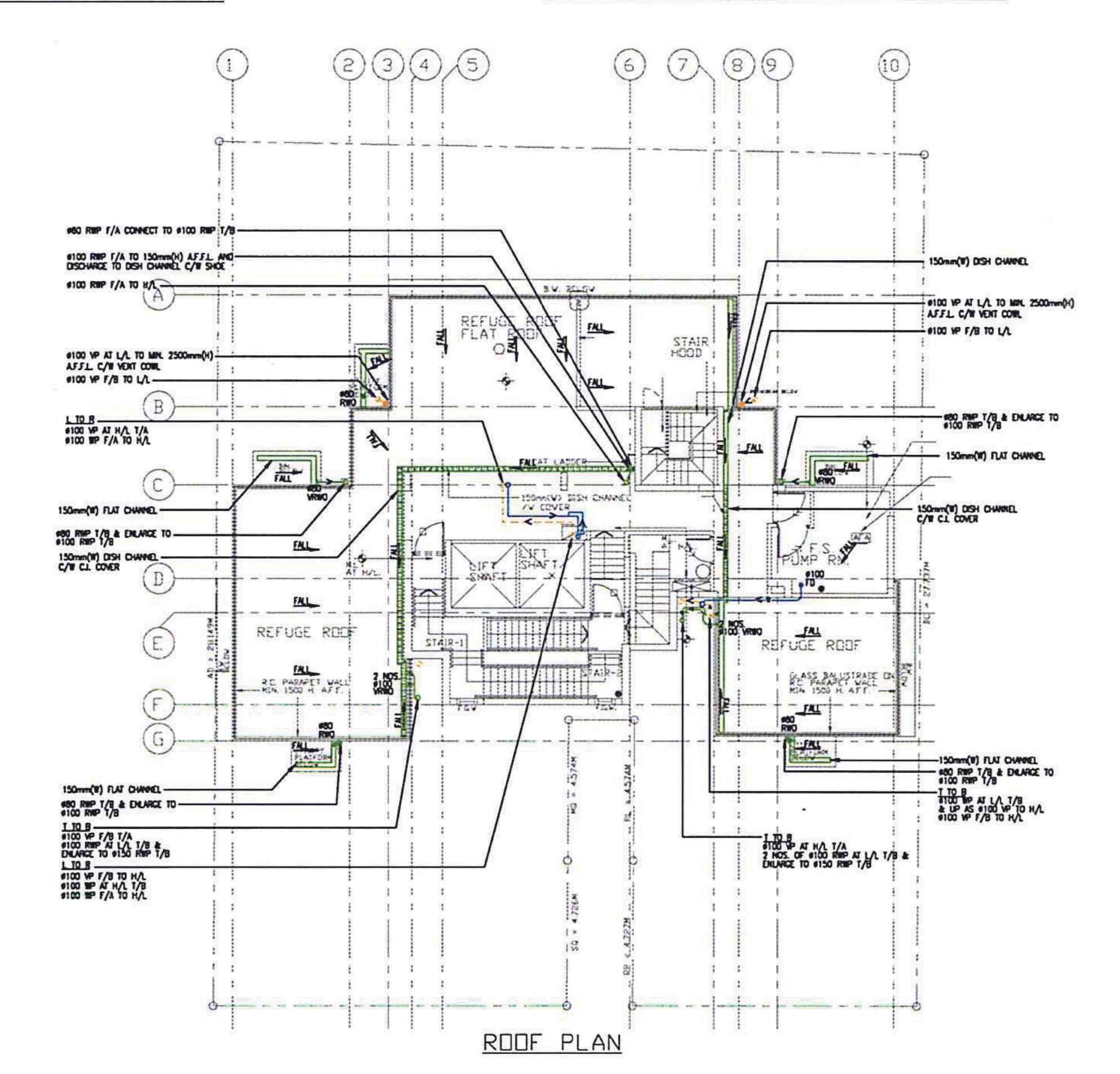






M/E FLOOR PLAN AT LEV. 113.700

M/E & FLOOR PLAN AT LEV. 117.350



REV. DATE AMENDMENT
PROJECT
SAMPLE

DRAINAGE LAYOUT PLAN FOR ROOF

SCALE

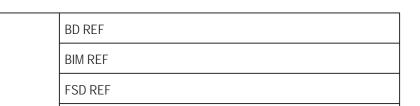
SORUCE ---

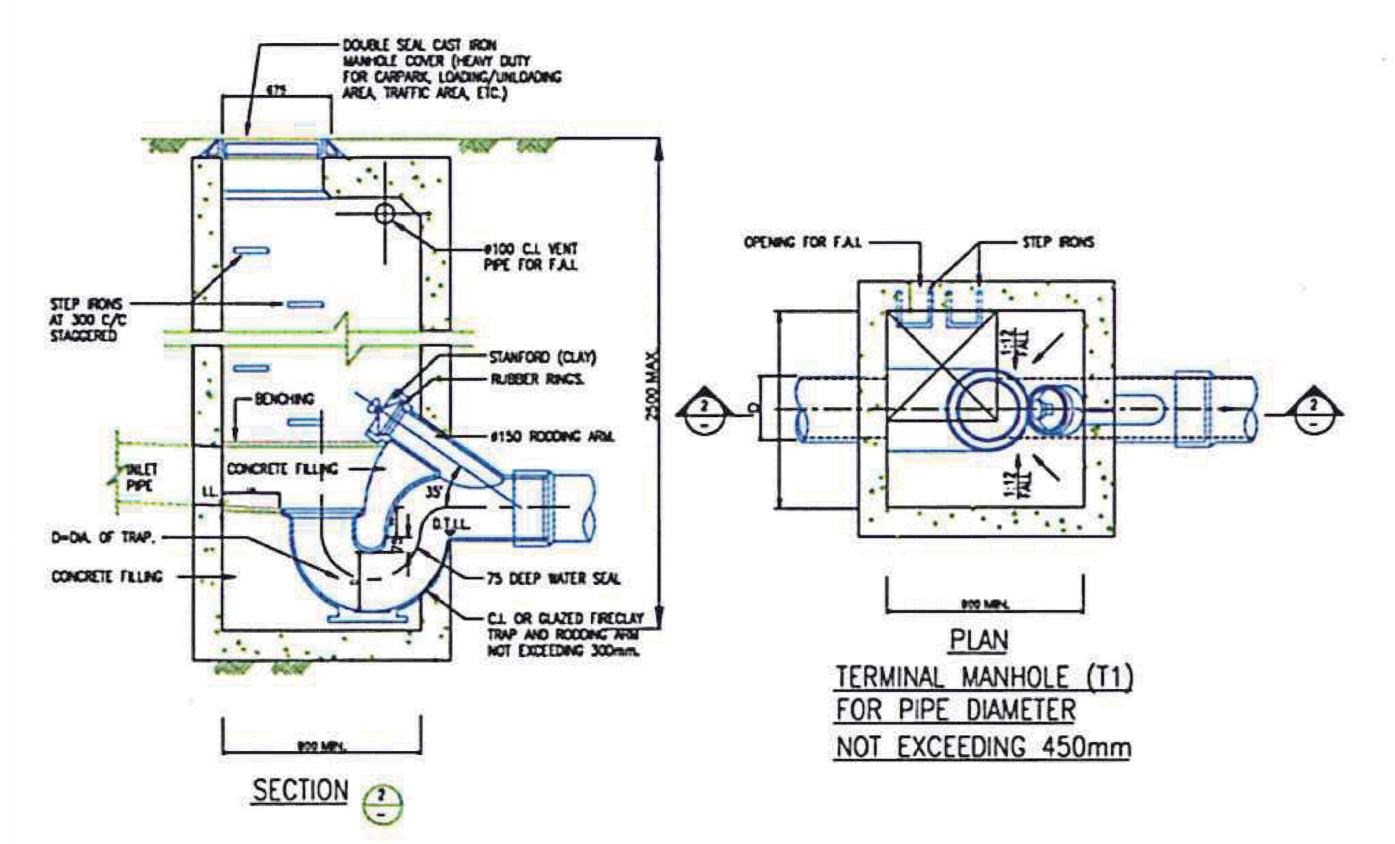
90mm (W) x 40mm (H) space for COMPANY LOGO

REV. NO.

90mm (W) x 60mm (H) space for AP/RSE/RGE's signature/ and stamp chop

BD's OFFICIAL USE





TERMINAL MANHOLE (TYPE T1)

SECTION PLAN

TOP PLAN

Sall sh ros coal

(PHYSICAL DIMENSION OF TERMINAL MANHOLE PLEASE REFER TO DSD DETAIL DRAWINGS) (REINFORCEMENT DETAIL PLEASE REFER TO STRUCTURAL PLAN)

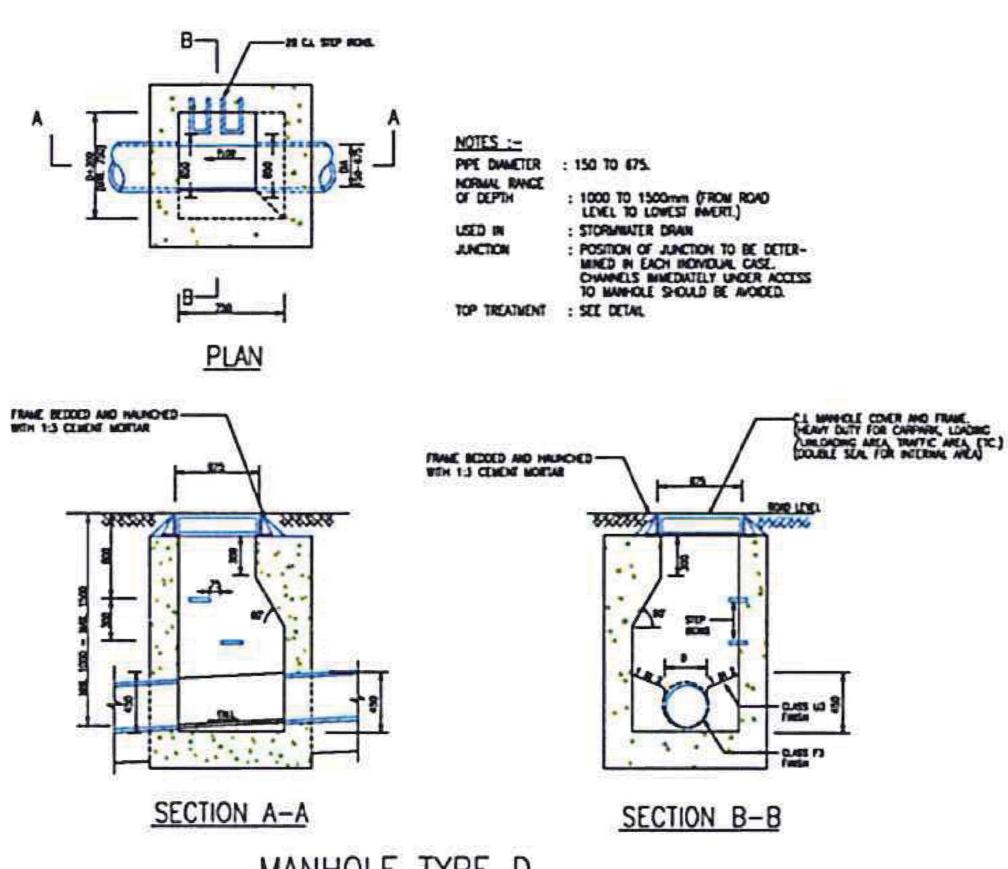
SUMBER CUI-II ---

Market Market

SECOND BUILD

TYPICAL DETAIL OF FOUL SUMP PIT

(REINFORCEMENT DETAIL PLEASE REFER TO STRUCTURAL PLAN)



MANHOLE TYPE D

FRAME BEDOED AND HALACHED ---

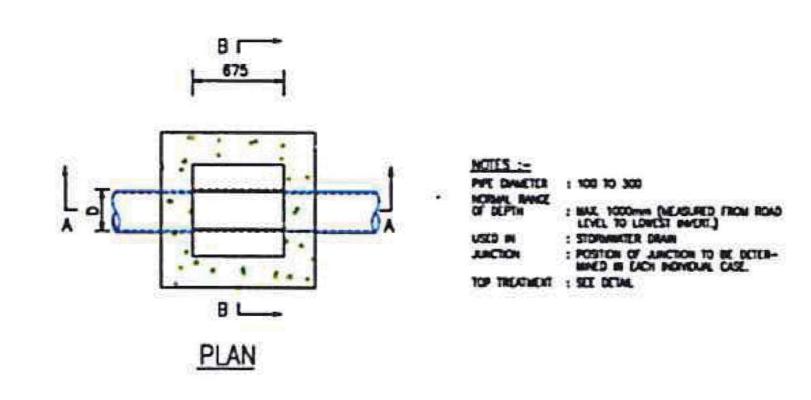
SECTION A-A

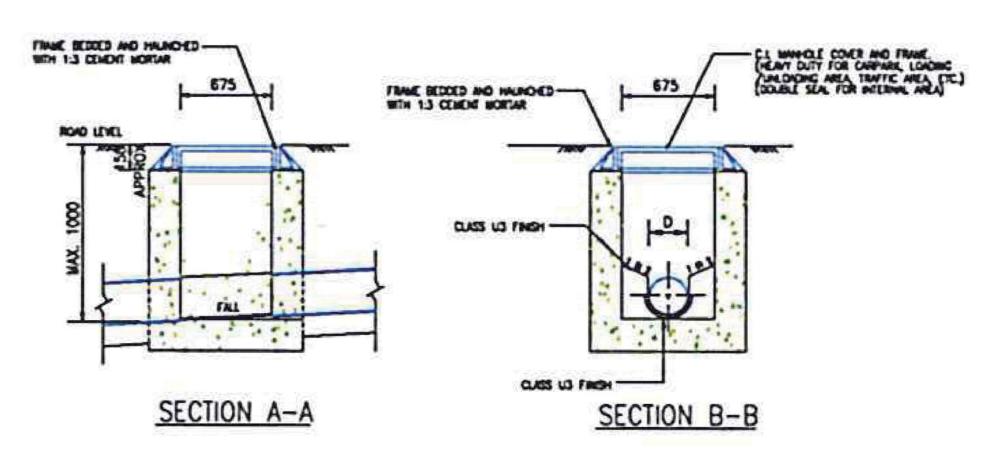
MANHOLE TYPE E

(REINFORCEMENT DETAIL PLEASE REFER TO STRUCTURAL PLAN)

(REINFORCEMENT DETAIL PLEASE REFER TO STRUCTURAL PLAN)

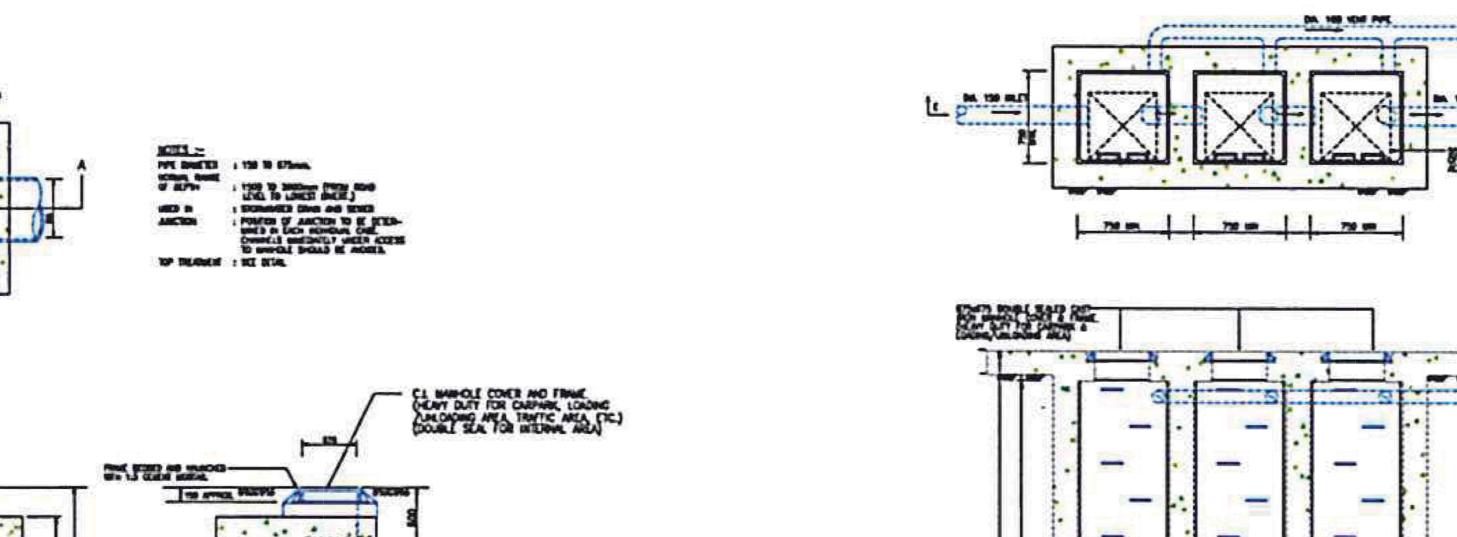
SECTION B-B (MANHOLE TYPE E)

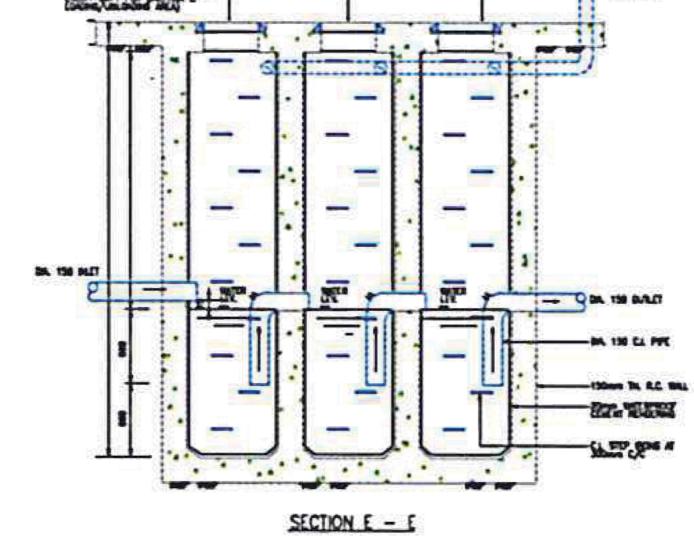




MANHOLE TYPE C

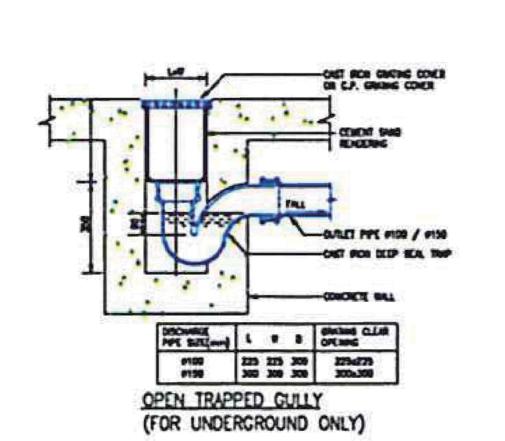
(REINFORCEMENT DETAIL PLEASE REFER TO STRUCTURAL PLAN)



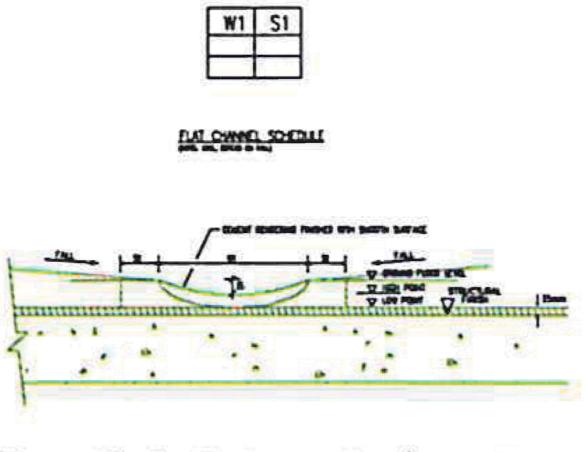


DETAIL OF PETROL INTERCEPTOR (REINFORCEMENT DETAIL PLEASE REFER TO STRUCTURAL PLAN)

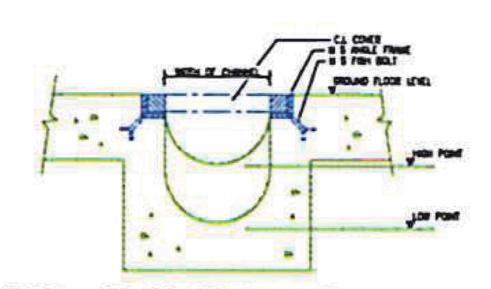
SEALED TRAPPED GULLY WITH BACK INLET (FOR UNDERGROUND ONLY)



SECTION 'A'-'A'



DETAIL OF FLAT CHANNEL (DISHED CHANNEL)



DETAIL OF COVER CHANNEL

1. ALL SURFACE CHANNELS SHALL BE FINISHED SMOOTH WITH 1 : 2 CEMENT AND SAND RENDERING

2. GRADIENT OF CHANNEL SHALL BE NOT LESS THAN 1 IN 100

3. DEPTH OF LOW POINT DEPEND ON THE LENGTH OF CHANNELS

SAMPLE

DRAINAGE INSTALLATION DETAIL 1

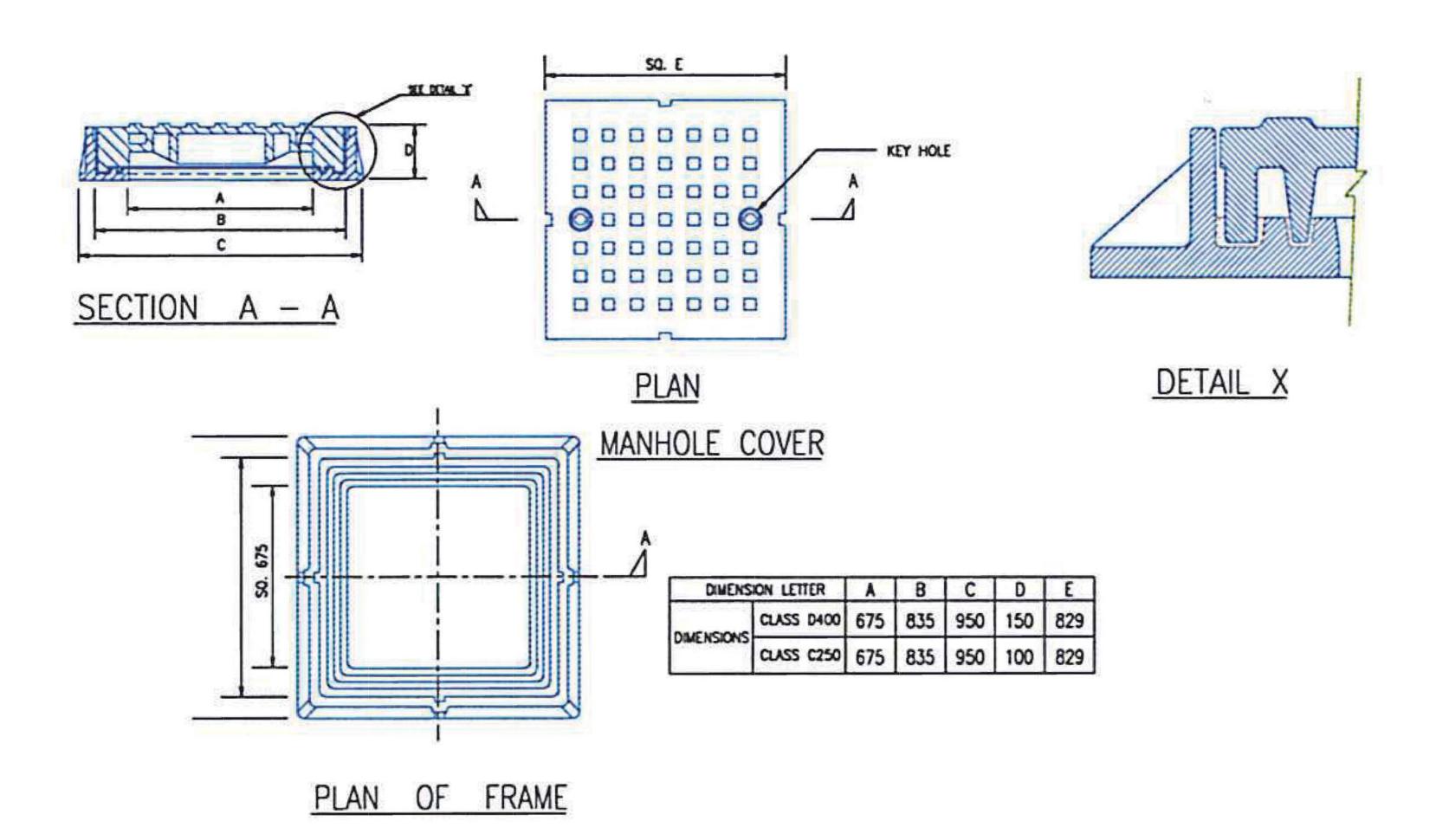
SORUCE ---

90mm (W) x 40mm (H) space for COMPANY LOGO

REV. NO.

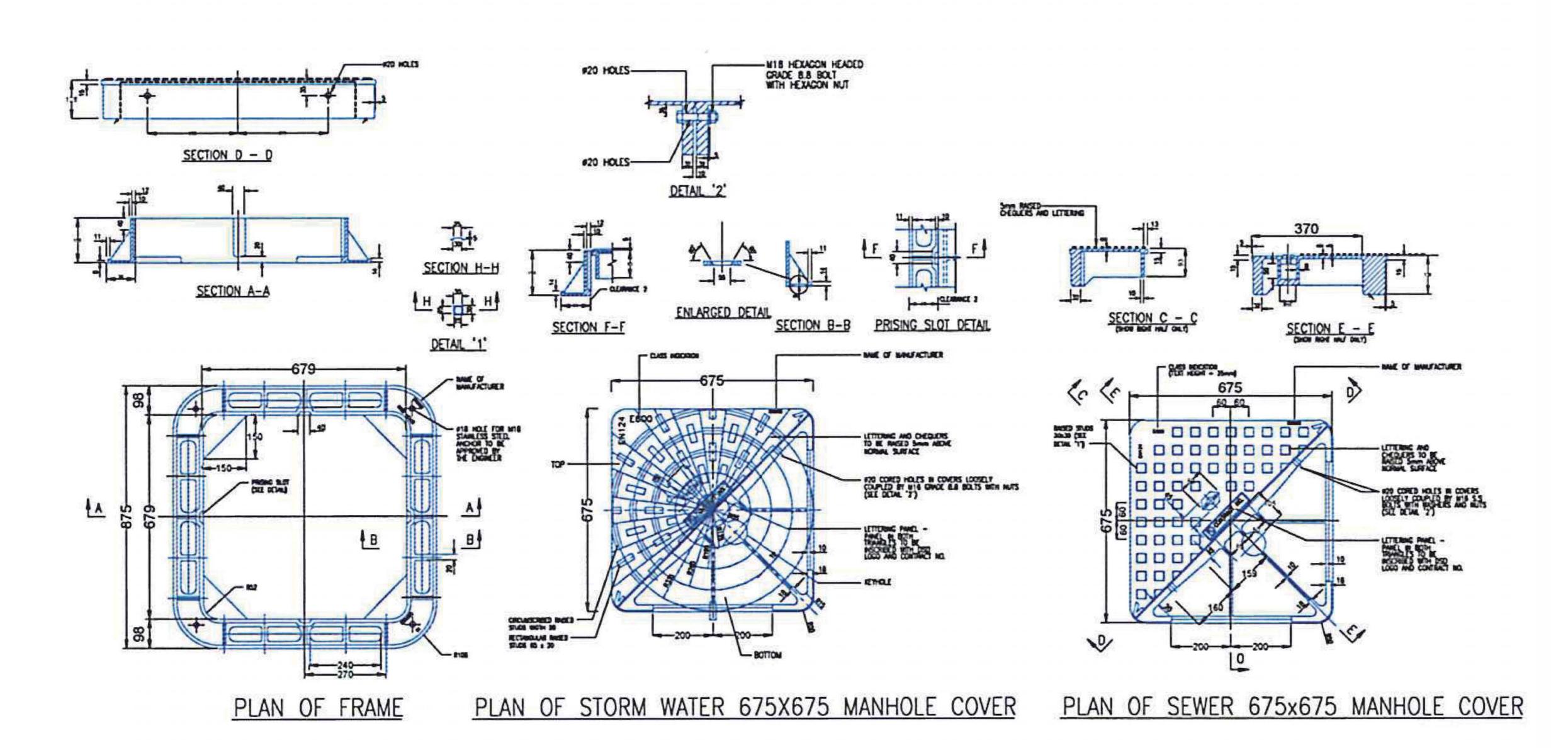
90mm (W) x 60mm (H) space for AP/RSE/RGE's signature/ and stamp chop

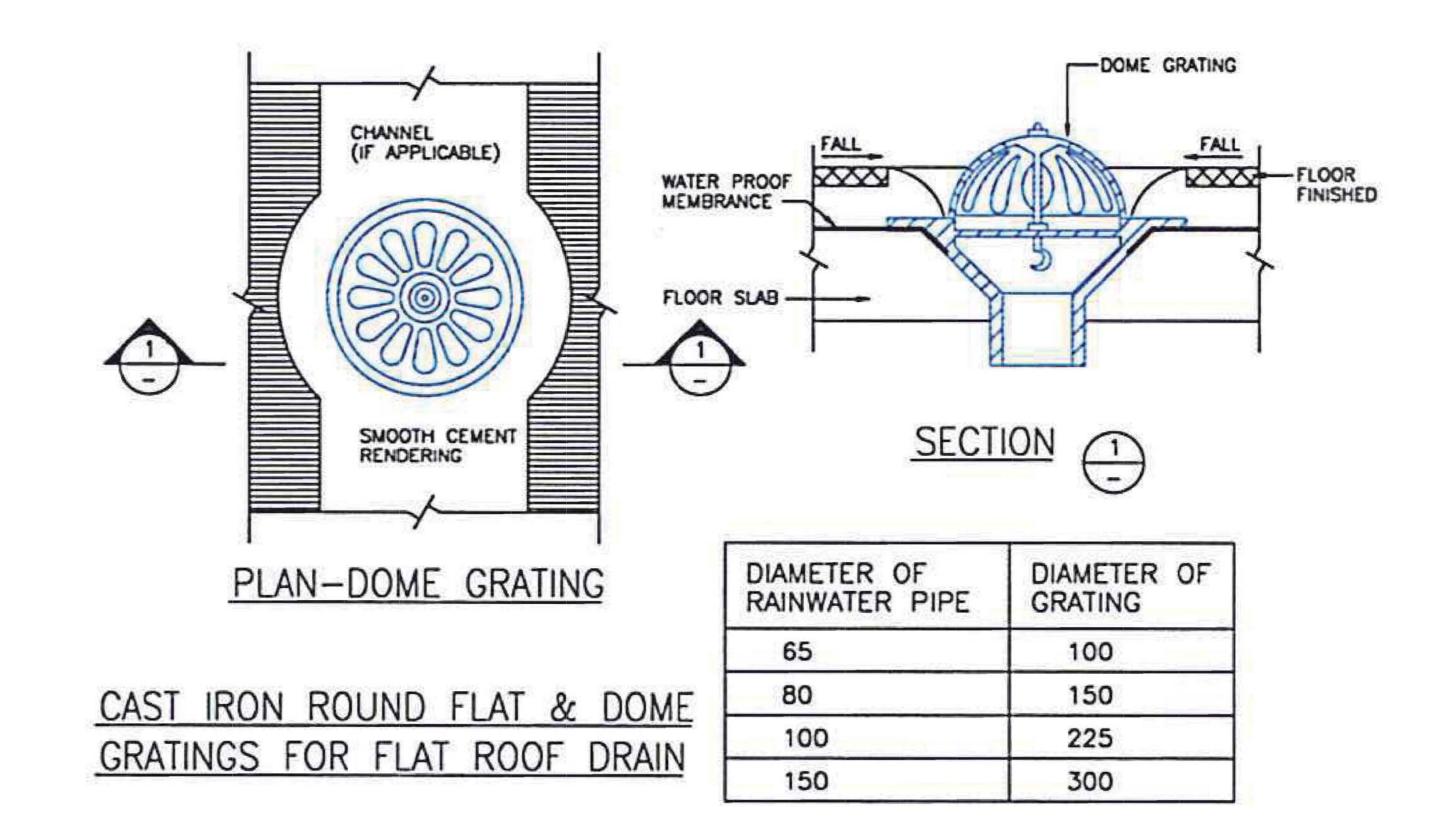
BD's OFFICIAL USE

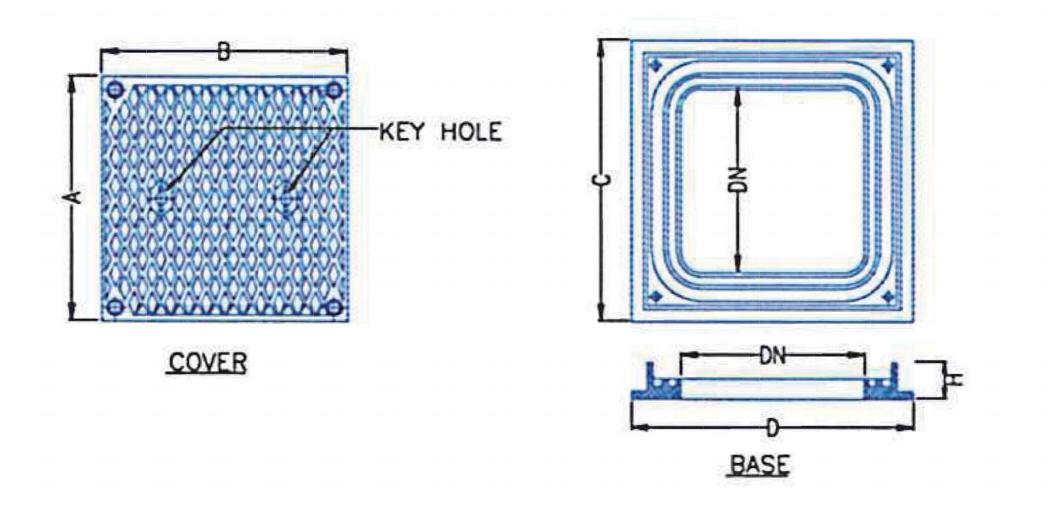


DETAIL OF CAST IRON MANHOLE COVER

AND FRAME (DOUBLE SEAL) (N. T. S.)







DN	A	В	С	D	Н
200X200	275	275	320	320	45
225X225	300	300	345	345	45
300X300	375	375	420	420	45
375X375	450	450	495	495	45

DETAIL OF CAST IORN DOUBLE SEAL SQUARED COVER OF BITG

(N. T. S.)

REV.	DATE	AMENDMENT
PROJECT		
SAMP	LE	

DRAINAGE INSTALLATION DETAIL 2

SCALE DRAWING NO.

SORUCE ---

90mm (W) x 40mm (H) space for COMPANY LOGO

90mm (W) x 60mm (H) space for AP/RSE/RGE's signature/ and stamp chop

BD's OFFICIAL USE