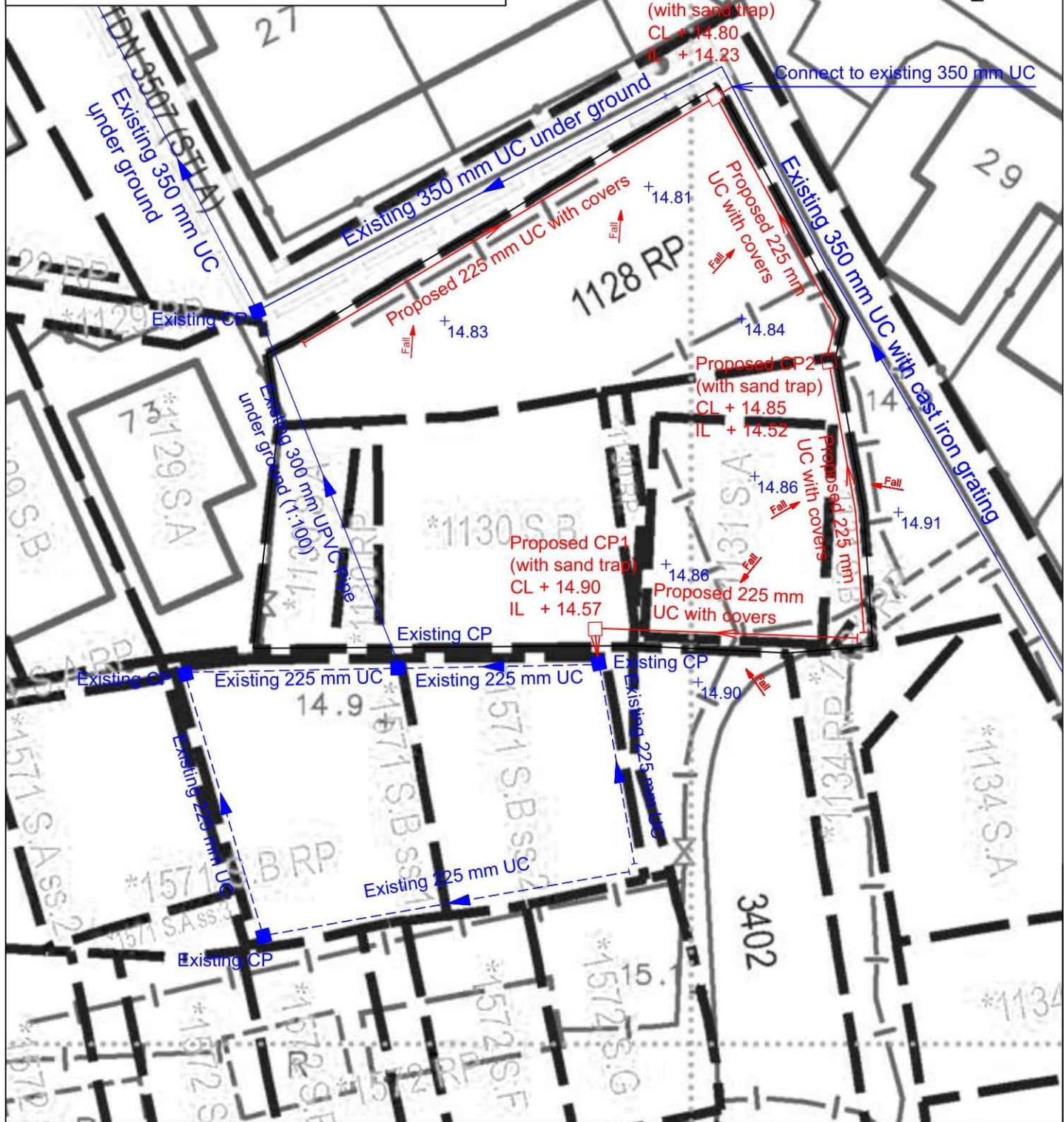
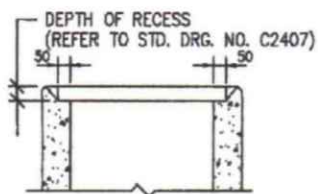
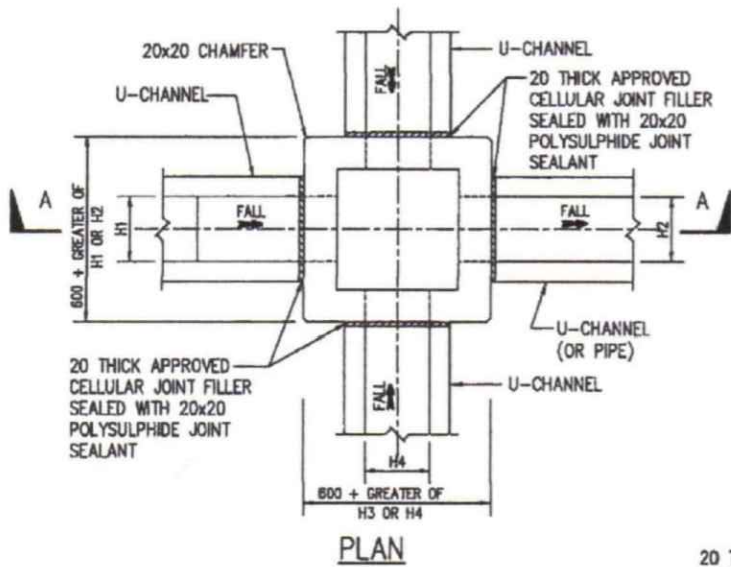


LEGEND :

- Lot Boundary
- Proposed 225 mm U - Channel with cast iron grating
- Proposed Catchpit with sand trap and with cast iron cover
- Existing Catchpit
- Existing U-Channel
- Fall Stormwater Fall Direction
- +14.85 Spot Level (mPD)

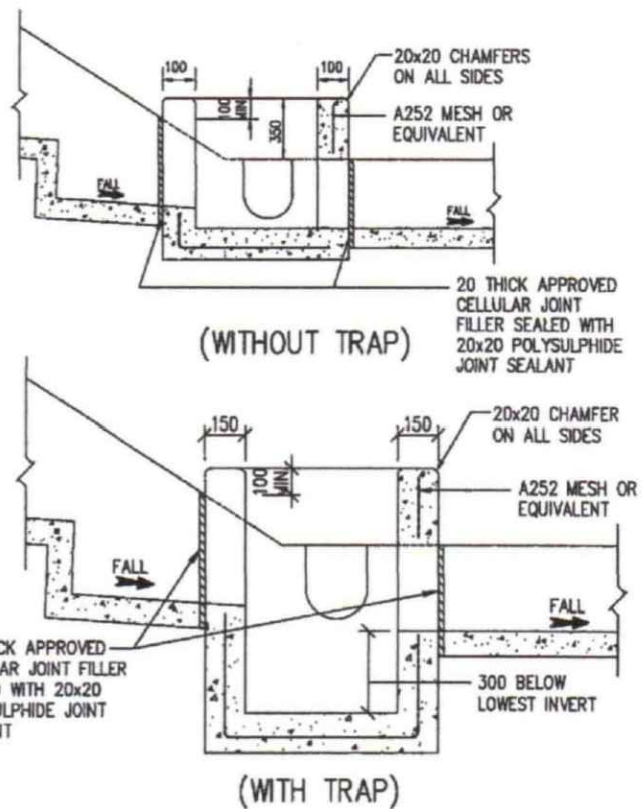


Project Title	D.D. 91 Lot 1128 RP, 1130 S.A, 1130 S.B, 1130 RP, 1131 S.A, 1131 S.B & 1131 RP, Kai Leng, Sheung Shui, N.T.	Scale	-	Figure No.	DP-01
Figure Title	PROPOSED STORMWATER DRAINAGE PLAN	Date	18-01-2025	Revision	-



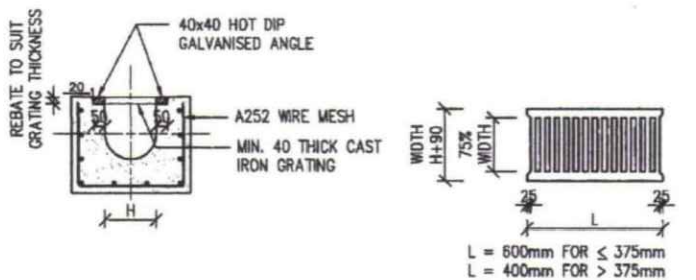
ALTERNATIVE TOP SECTION FOR PRECAST CONCRETE COVER

STANDARD CATCHPIT DETAILS (ACCORDING TO CEDD'S DRAWING NO. C2405I & 2406I)

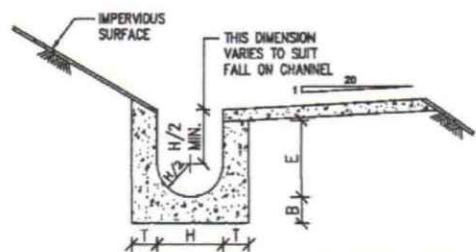


NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES.
- SIZE - DEPTH : $D \leq 750$
WIDTH : $W \geq 3B$
LENGTH : $L = 4.8D^{0.67} H^{0.5} F^{-0.5} > 4B$
- GRADED STONE FILTER SHALL BE CRUSHER RUN GRANITE AGGREGATE.
- THE SANDTRAP SHALL BE REGULARLY DESILTED TO AVOID BLOCKAGE.



TYPICAL SECTION U-CHANNEL WITH CAST IRON GRATING (UP TO H OF 525) (ACCORDING TO CEDD'S DRAWING NO. C2412E)



NOMINAL SIZE (H)	T	B	REINFORCEMENT
225-300	80	100	A252 MESH PLACED CENTRALLY AND T=100 WHEN E>650
375-800	100	150	
875-900	100	150	A252 MESH PLACED CENTRALLY

TYPICAL U-CHANNEL DETAILS (ACCORDING TO CEDD'S DRAWING NO. C2410G) N.T.S.

NOTES FOR U-CHANNEL

- THE COVER OF PROPOSED U-CHANNEL SHALL BE FLUSH WITH THE PATH SURFACE AND ANY HOLE IN SUCH COVER SHALL NOT EXCEED 20mm IN ONE DIMENSION.
- CAST IRON GRATINGS TO BE USED SHALL BE COMPLIANCE WITH BS 437:2008.

Project Title	D.D. 91 Lot 1128 RP, 1130 S.A, 1130 S.B, 1130 RP, 1131 S.A, 1131 S.B & 1131 RP, Kai Leng, Sheung Shui, N.T.	Scale	--	Figure No.	DP-02
Figure Title	U-Channel and Catchpit Details	Date	18-01-2025	Revision	--