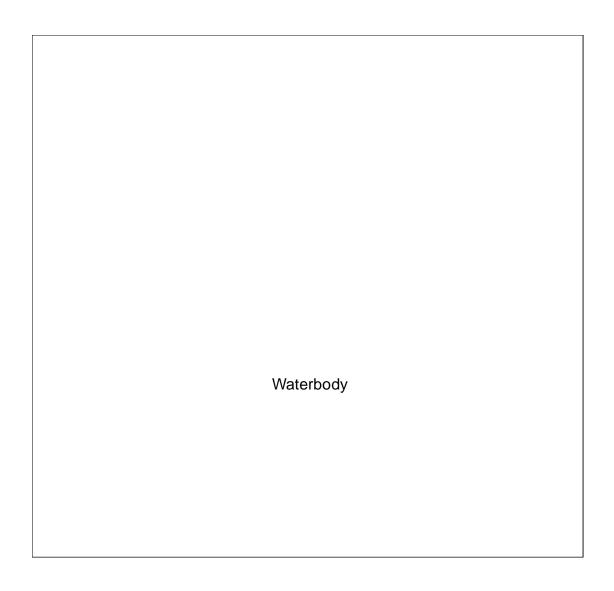
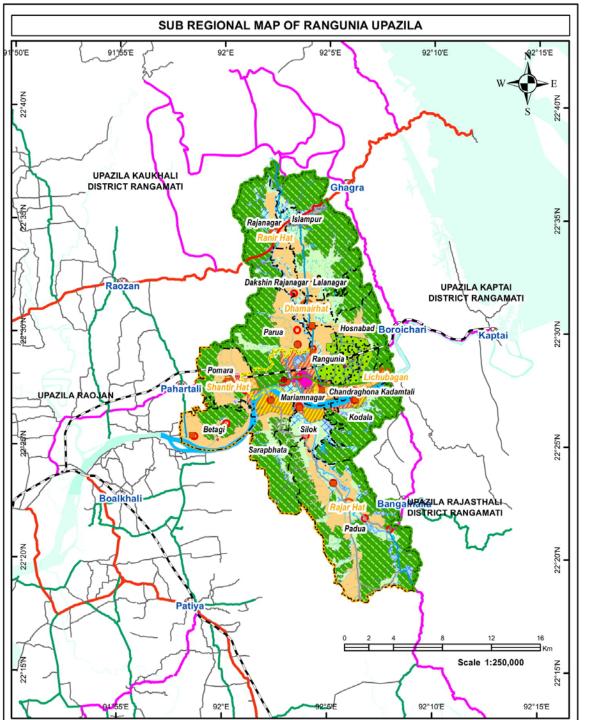
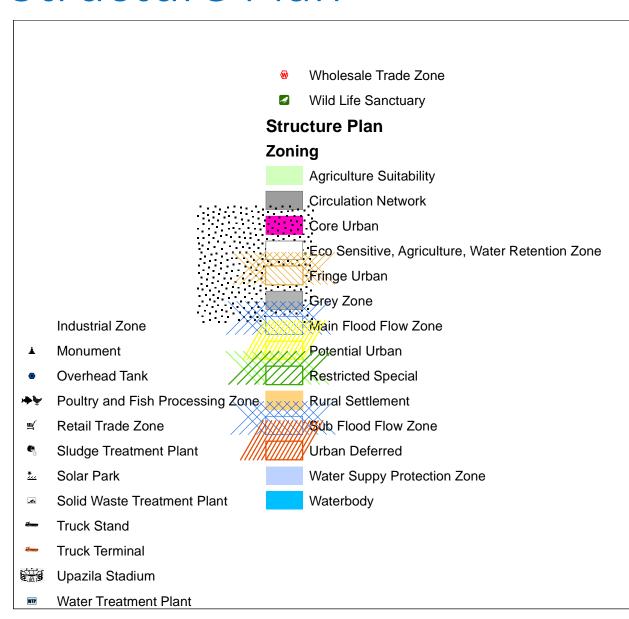
Rangunia Upazila

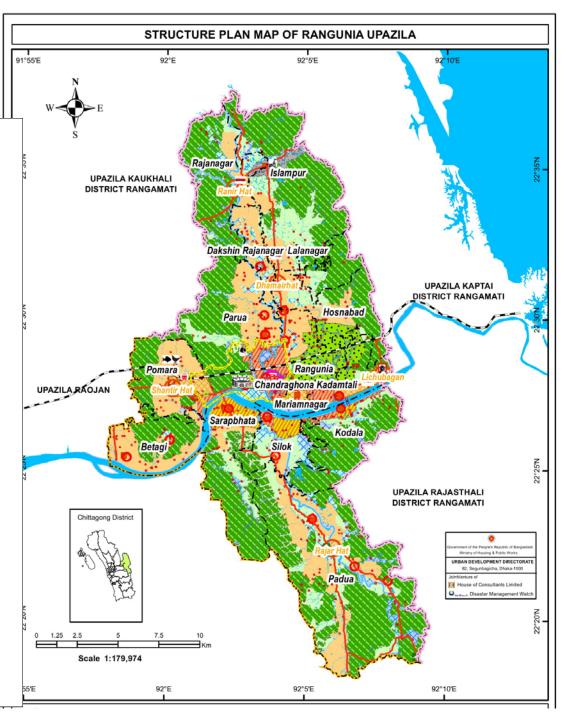
Sub Regional Plan



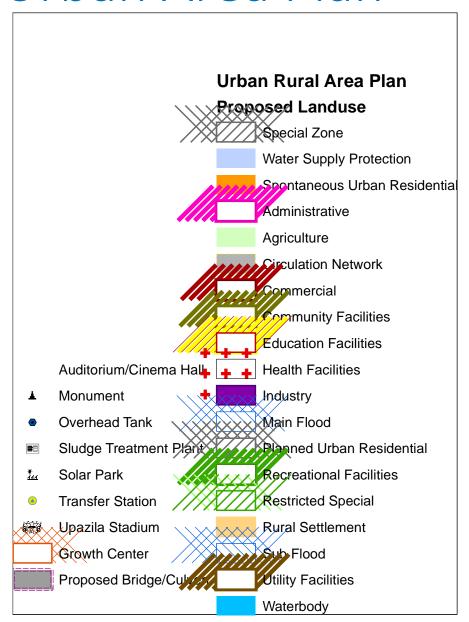


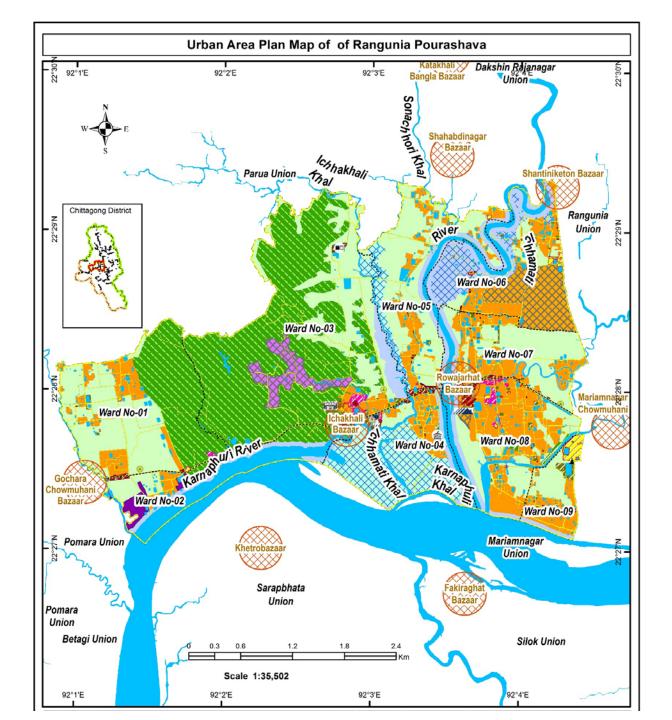
Structure Plan



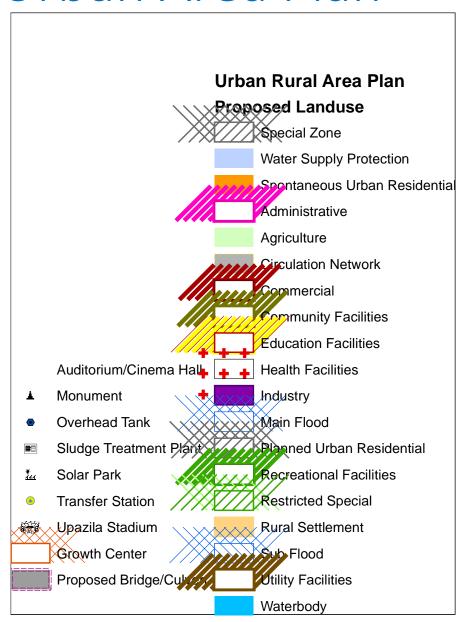


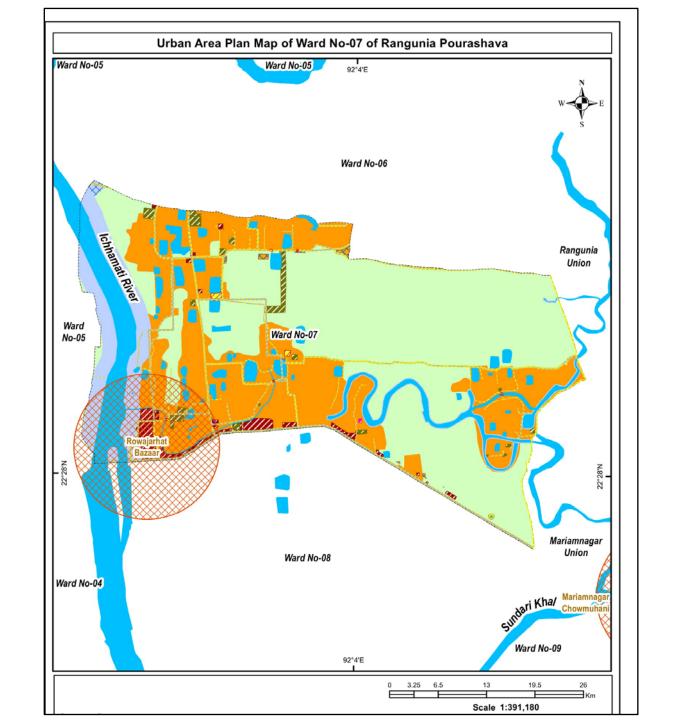
Urban Area Plan



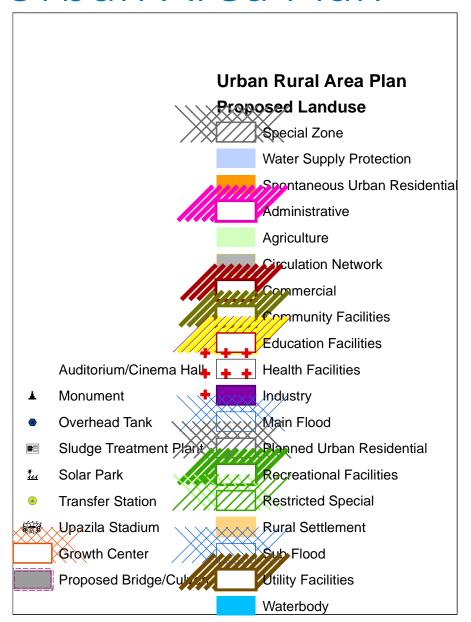


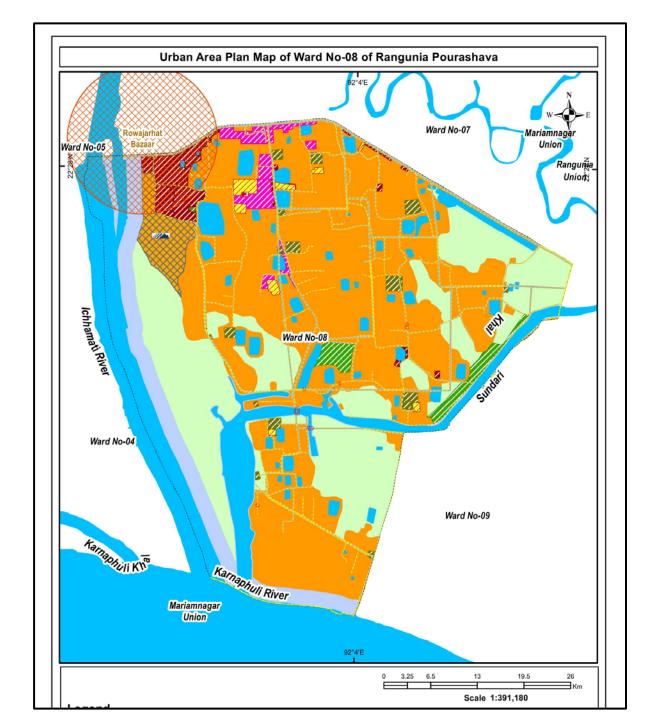
Urban Area Plan

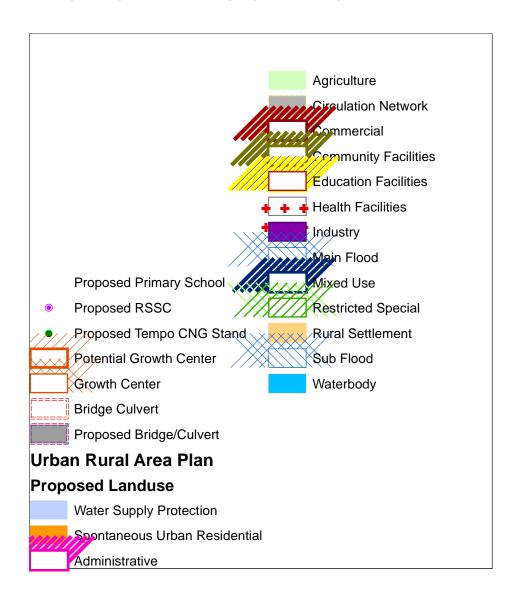


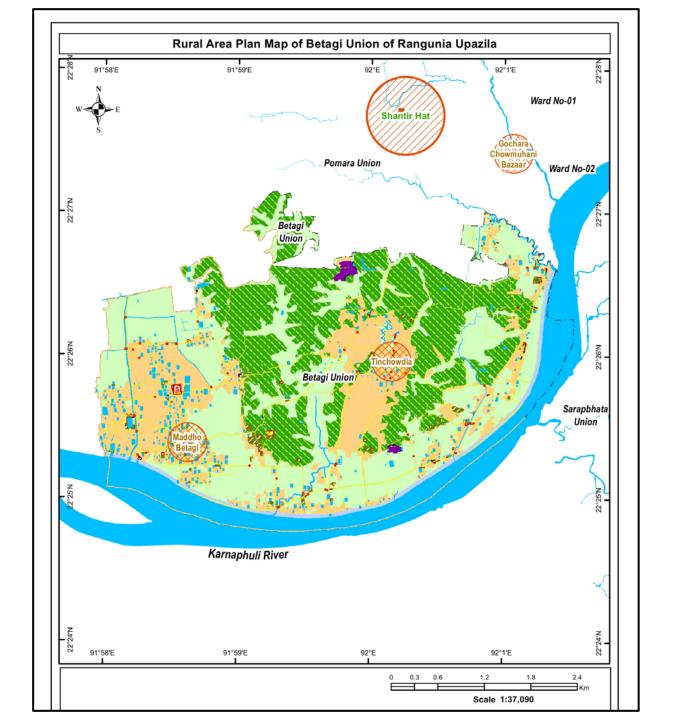


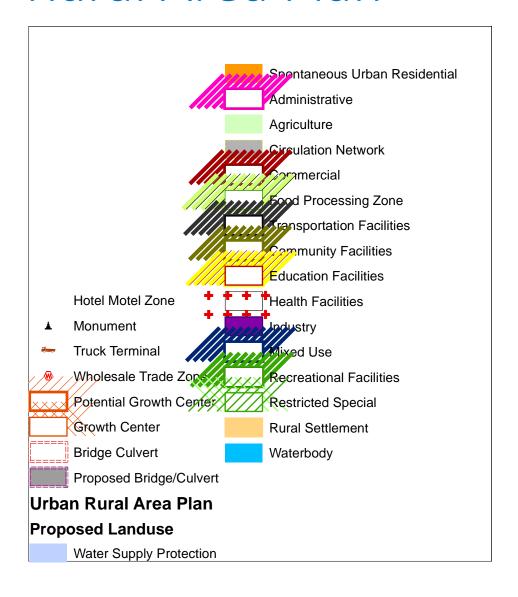
Urban Area Plan

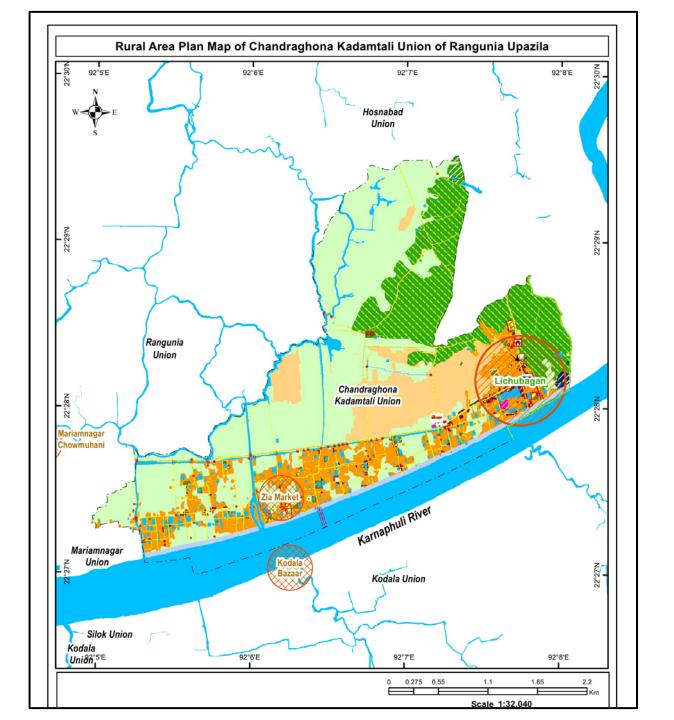


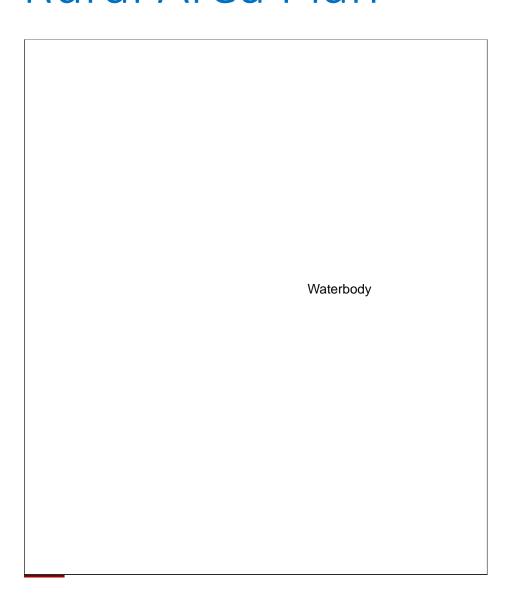


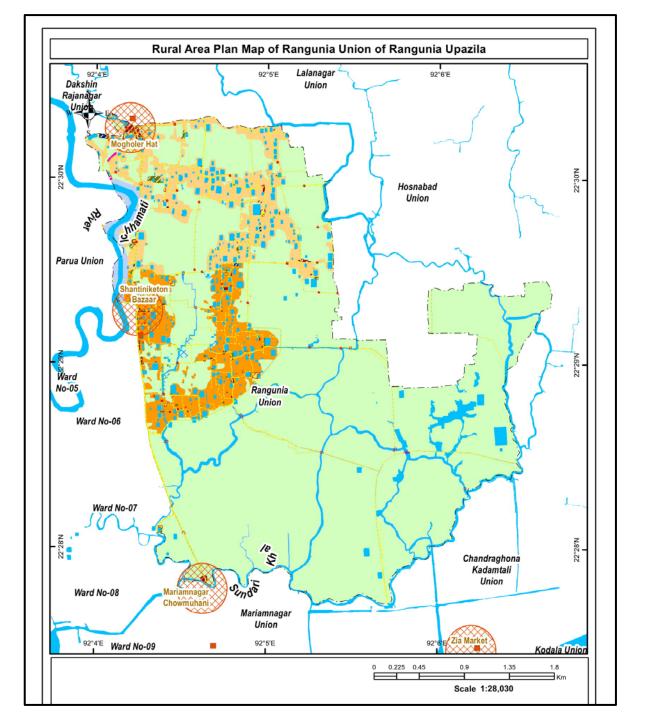




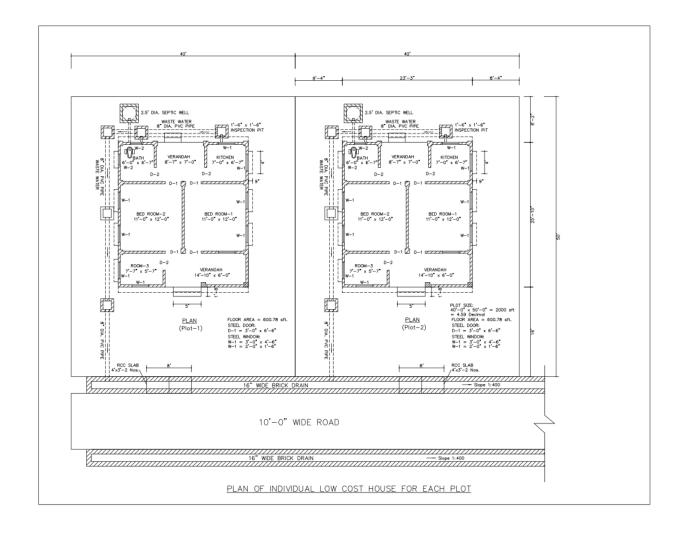


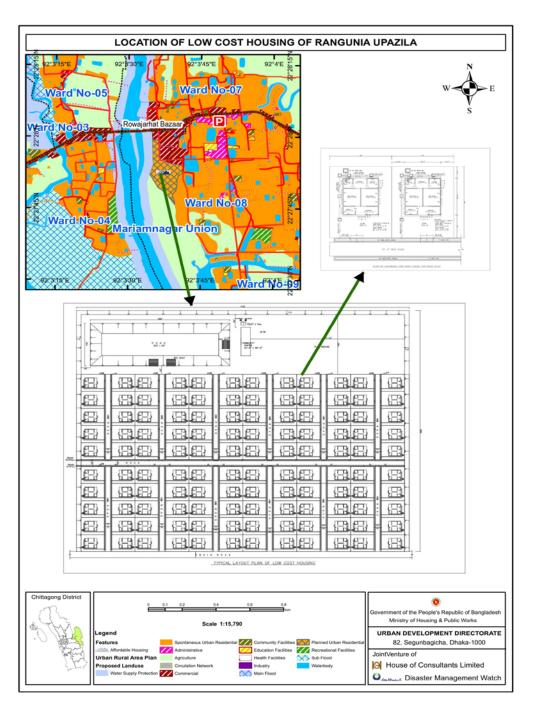




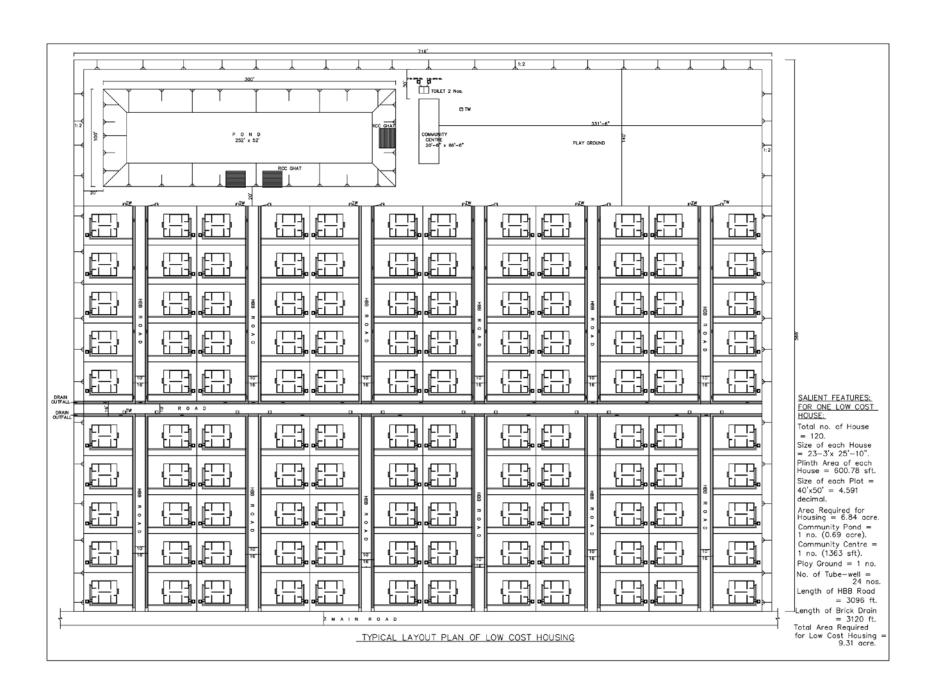


Action Area Plan

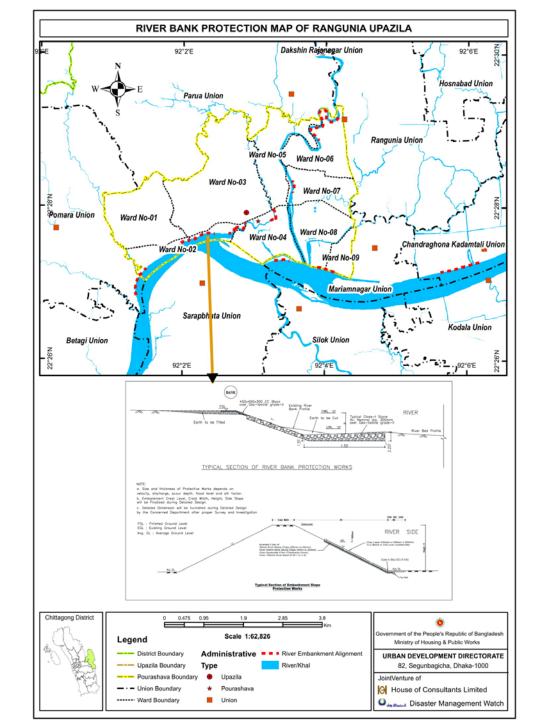




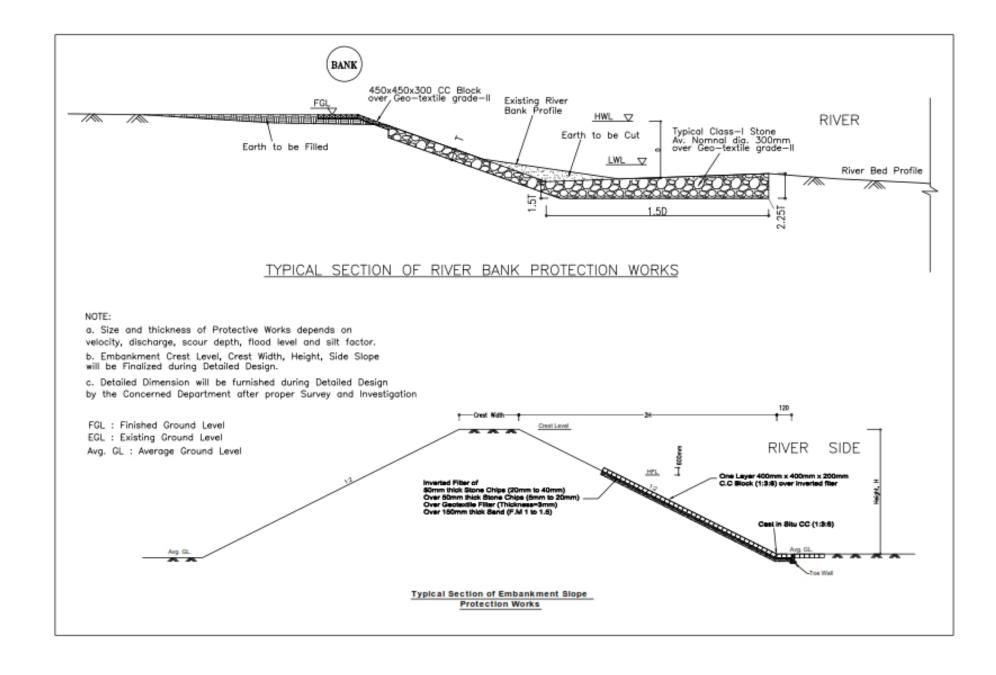
Action Area Plan



Action Area Plan

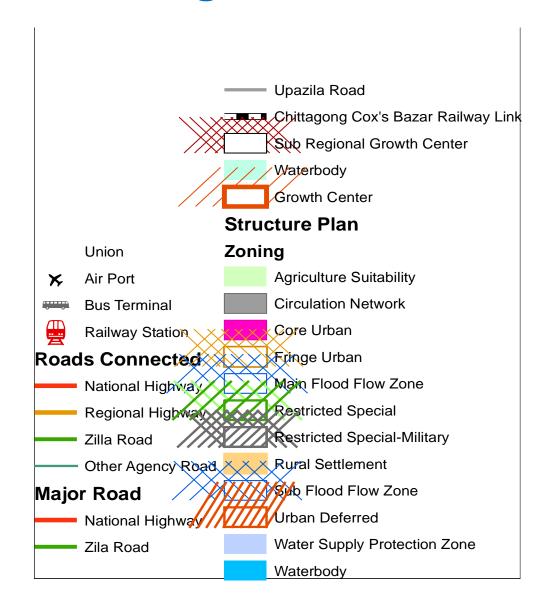


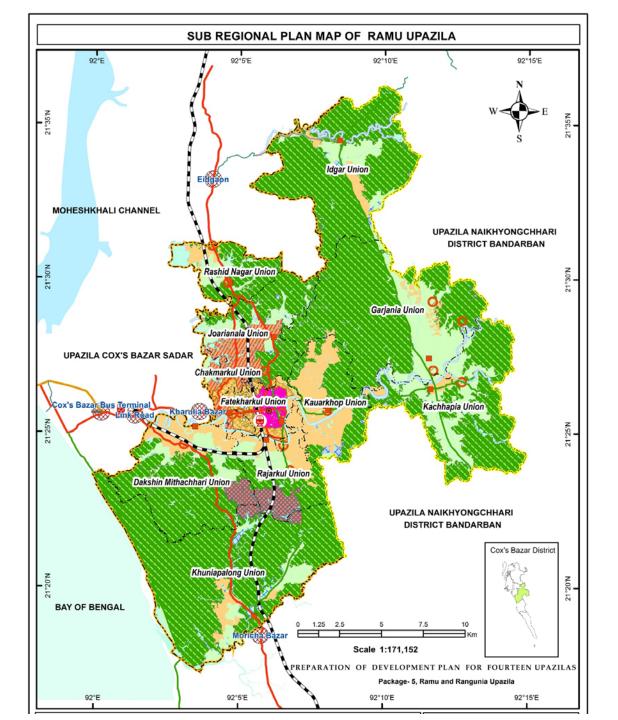
Action Area Plan



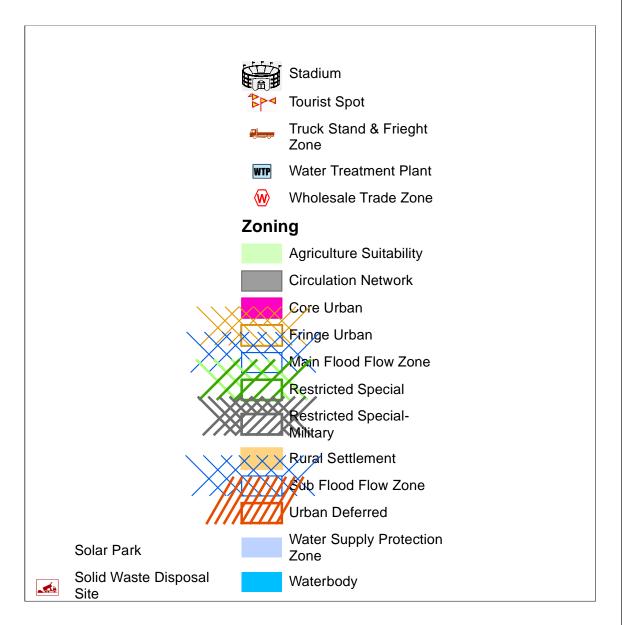
Ramu Upazila

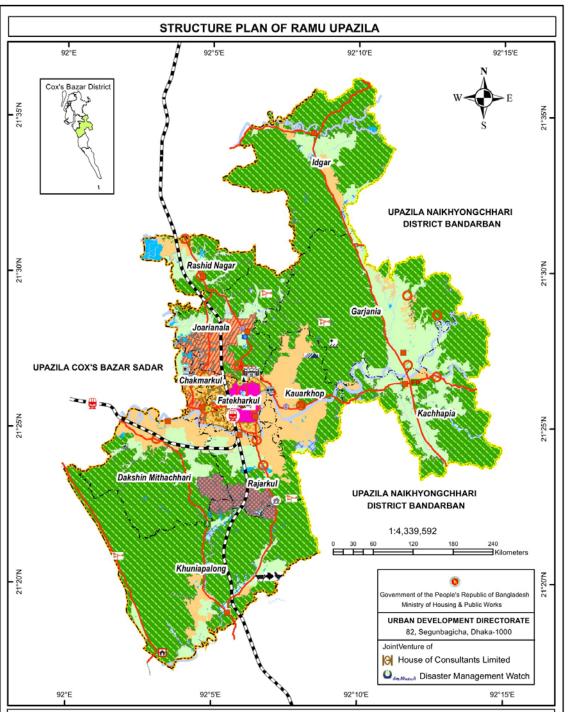
Sub Regional Plan

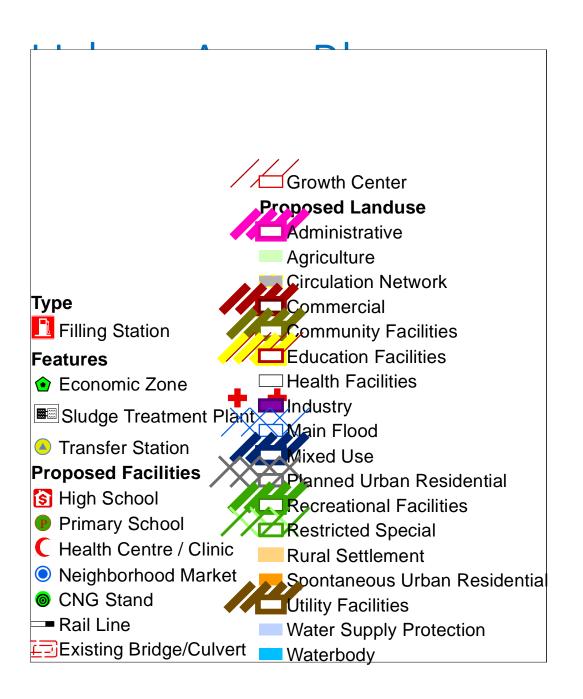


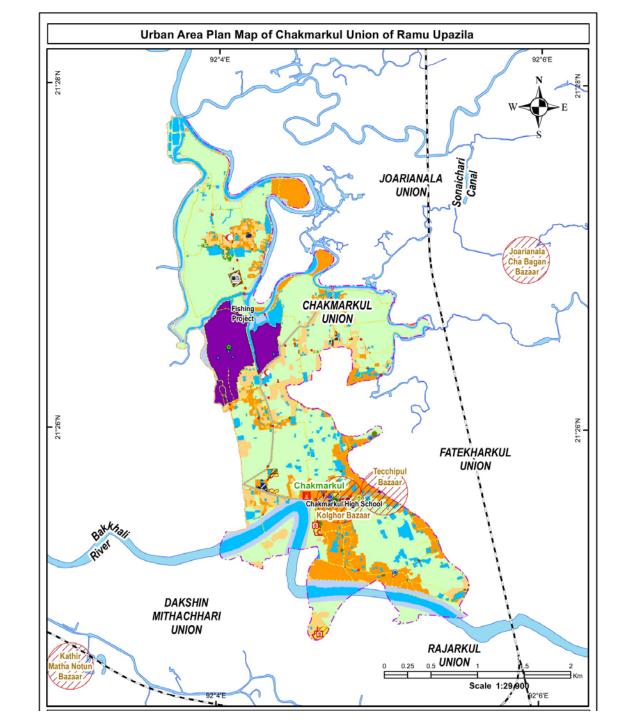


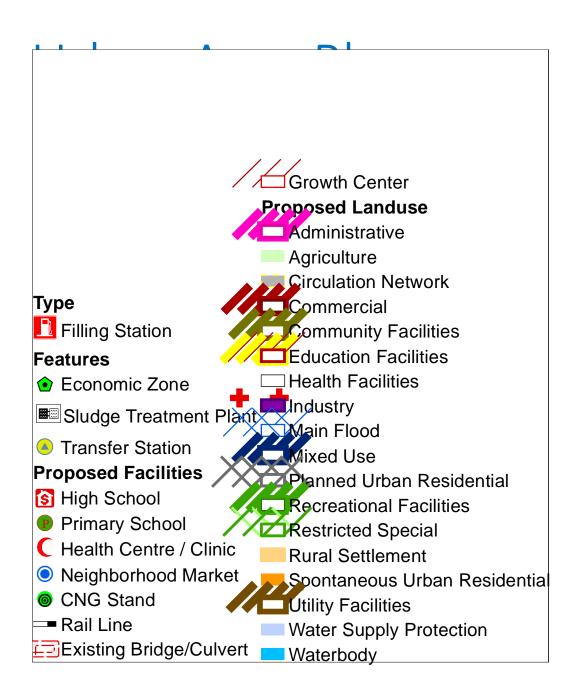
Structure Plan

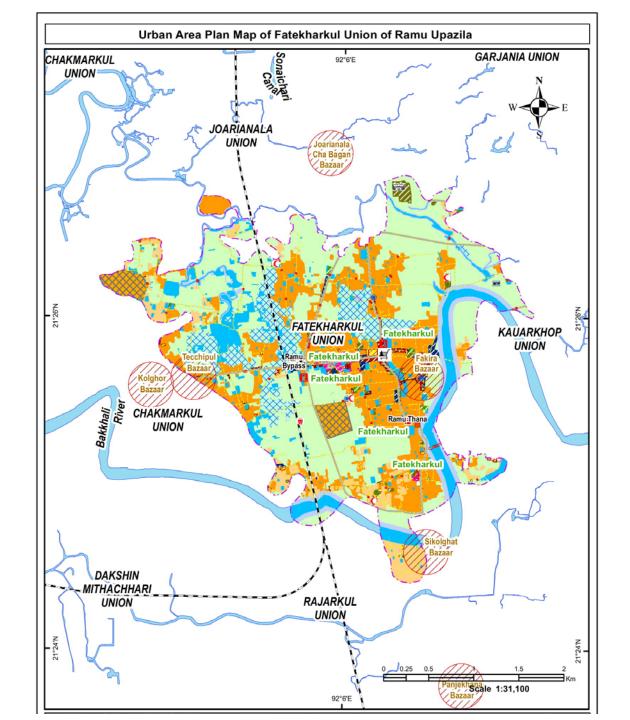


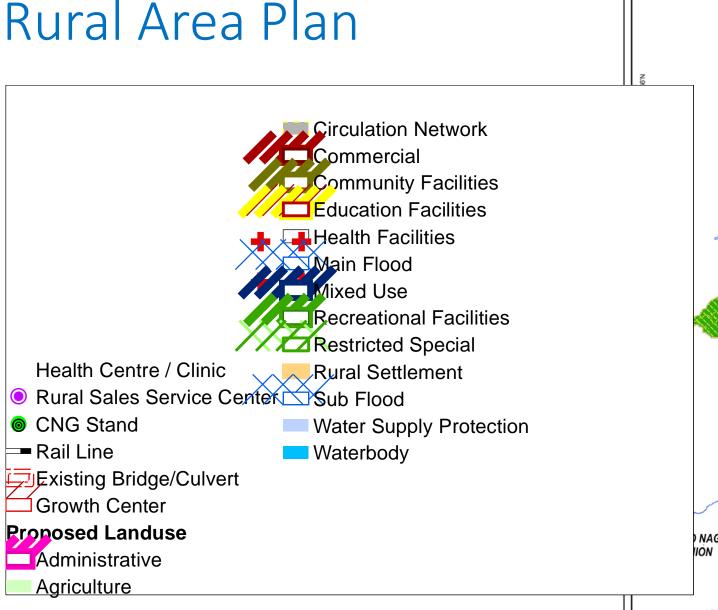


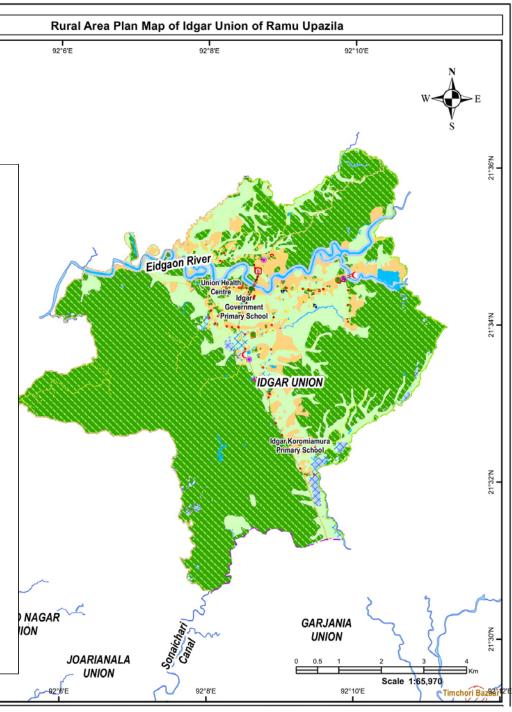


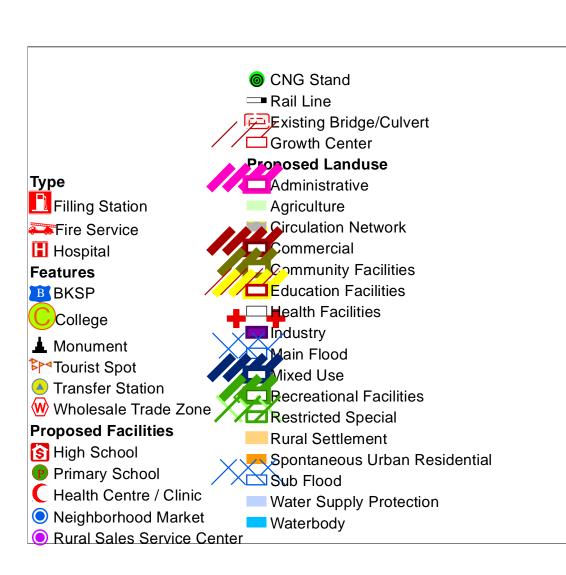


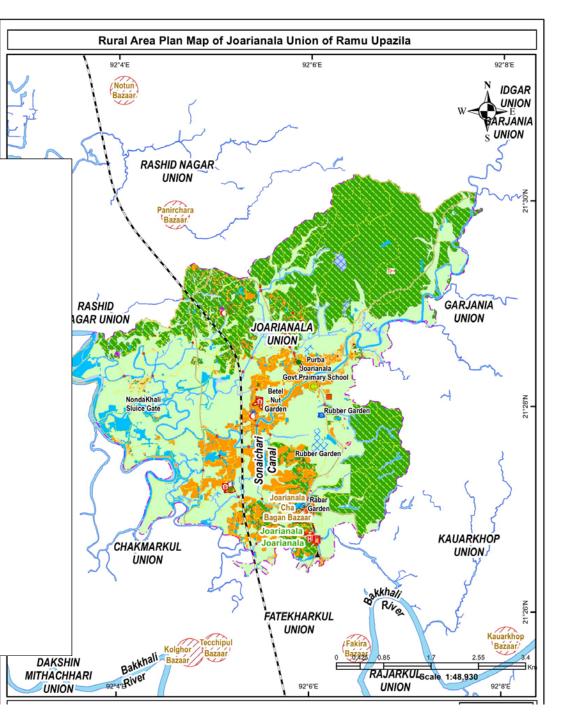




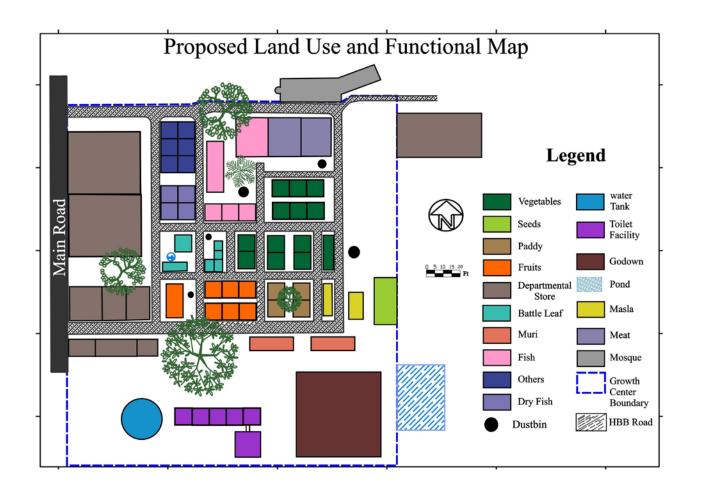


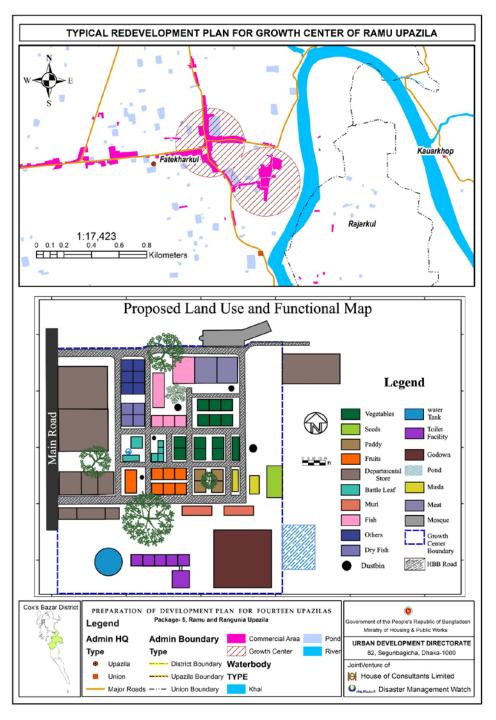




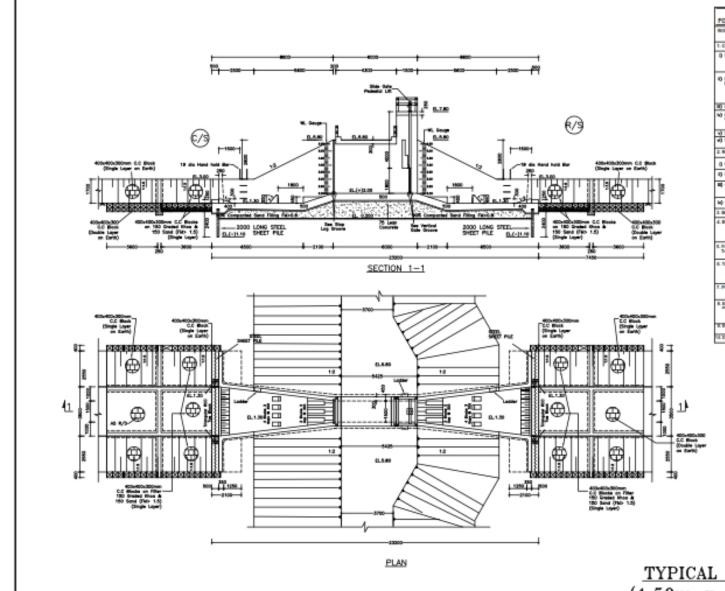


Action Area Plan





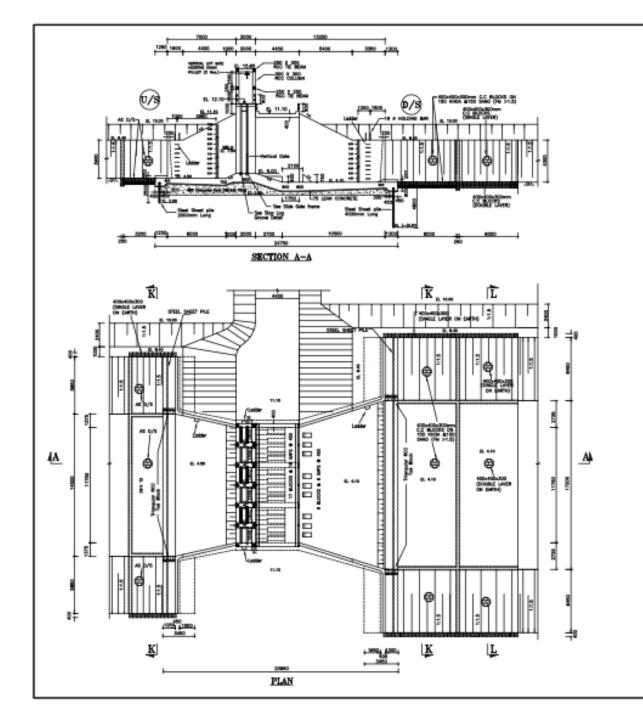
Action Area Plan



			ADER TANKS
BYCH KE	BCC WORKS		CC WORKS
	R STRUCTURAL REMIERS	IN MALE CONCRETE	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
1. Corumia			
0 Strength	Should be seen to	-	-
ii) Mr. Properties by values	HV.	194	124
II) Coment	Fortierd Type-1	Parties Type-1	Fortierd Type-1
NO Comme apprendicts			FFC
v) Sand	PM 1.80	FW 1.80	Fe 1.00
vi) Stump (at wort)	60-75 mm	80-75 mm	60-15 mm
2 Reinforcement			
() Grade	60 grade deformed M.C. for	El pade delomed	
I) Divergib	Stromum sheld attempts (b) 410 fe/mont	22	
II) Our over	Corto tocas - 15mm Water forms - 55mm Al others - 25mm		
II) Ottore			
3. Brish buldes	Tel class brists in 1-f cement marter with send (Ni 1-00)		
J. Each filling	Both filling in doubleants, wing walls and return valle up to FD, shall be done simulaterably on both sides of shoulure with local sand free from vegetible made and other organic materials.		
1. Foundation Tradition	Foundation transferred to be stone on per design & drowing bound on subsect investigation results.		
6. Toxi Bamples	Test samples shall be collected by the contractor from Time Line Converted during switching in presence of Englaser—brusharge in intended collections for facility. Note primarile to check abrought extracted. Note not meeting particles strategit shall be tracked on pur production of the contract.		
2. Protective work	Corticil in side singer stall be comparied in harborist inper- ty and detailed of the Engineer in storage before placing ther filter material and blocks.		
E. Emposited Parts. of Cales	ii.5 embedded parts such as angles, channels, anchors pintes, well inschede also with weited another lars (for gales) shall be traileded and checked in proper positions and objected as shaen in working dreadings before costing of summeric.		
2. Elevations	Delections are in mater (PRO) with reference to the 18th last for the adjusted:		
II. Dimensions			

TYPICAL PLAN OF 1-VENT (1.50m x 1.80m) REGULATOR

Action Area Plan



SPECIFICATION & NOTES ON MATERIAL & WORK FOR REGULATORS/SLUICES/WRS/RUBBER DAMS/HEADER TANKS				
WORKS	NCC WORKS		OC WORKS	
	IN STRUCTURAL MEMBERS	IN MASS CONCRETE	Land House, Miller, Ho	
1. Concrete				
() Strength	28-days crushing strength (f'o) shall be 21 K/mm²	-	-	
II) Mix Proportion by volume	Shall be determined by final Min to obtained appelled strength (f c) 21 M/mm ² However, the minimum mix notic shall be 1:1.5.3	124	1:3:6	
ii) Cement	Portland Type-1	Partland Type-1	Portland Type-1	
iv) Coorse appregate	20mm down graded crushed stone chips (Reli graded between 20mm & 8mm size.)	20mm down graded crushed stone chips (Well graded between 20mm & 8mm size.)	20mm down groted crushed stone chips (Yes) graded between 20mm & 8mm size.	
v) Send	FM 1.80	FM 1.80	FM 1.00	
v() Slump (at work)	60-75 mm	60-75 mm	60-75 mm	
2. Reinforcement				
() Grade	60 grade deformed M.S. bar	60 grade deformed M.S. bar	-	
i) Strength	Minimum yield strength (fy) 415 N/mm ²	dinimum yield strength (ty) 415 N/mm²	-	
II) Clear cover	Earth foces = 75mm Woter foces = 50mm All others = 25mm			
iv) Others				
3. Brick bolcks	1st class bricks in 1:4 cement mortor with sand (FM 1.00)			
4. Back filling	Back filling in abutments, wing wells and neturn waits up to FSC shall be done simultaneously on both sides of structure with load sond free from vegetable roots and other organic motarists.			
5. Foundation Treatment	No Foundation treatment is to be required as per subsoil investigation results.			
6. Test Samples	Test samples shall be collected by the contractor from "Flow Line Concrete" during casting in presence of Engineer—in-charge in standard cylinders for feeting 7day strengths to shock strength collected. Work not meeting specified strength shall be treated as per provision of the contract.			
7. Protective work	Earthfill in side slopes shall be compacted in horizontal layers to satisfaction of the Engineer in charge before placing fifter filter material and blocks.			
8. Embedded Parts of Gates	M.S embedded ports such as angles, channels, anchors plates, wall brackets ets with welded anchor bars (for gates) shall be installed and checked in proper positions and alignments as shown in working drawings before casting of concrete.			
9. Elevations	Extendions are in mater (PWD) with reference to the TBM kept for the subproject			
10. Dimensions	Dimensions are in millimeters unless otherwise mentioned.			

NOTE :-

 U/S & D/S TRANSITION FROM WRS TO CANAL ARE 1:7

TYPICAL PLAN OF 6-VENT
(1.50m x 1.80m) DRAINAGE CUM
CUM WATER RENTION STRUCTURE

Thank You.....