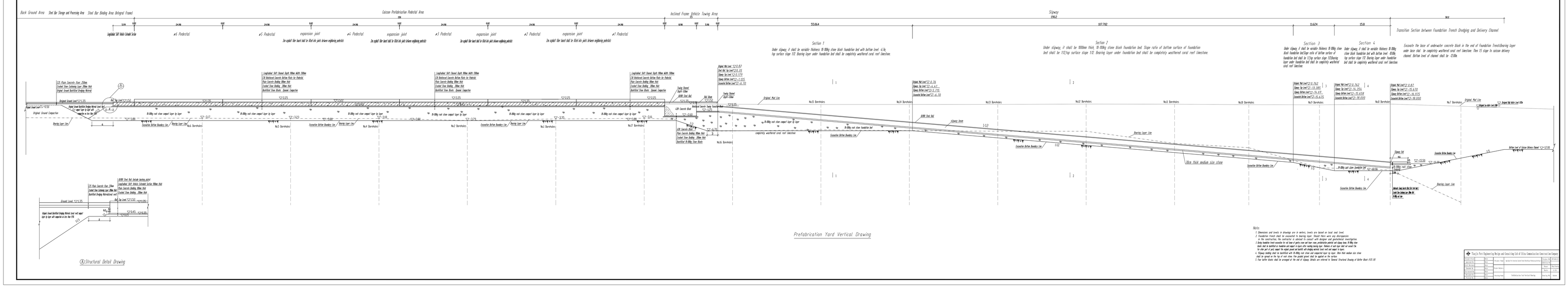
Back Ground Area
Steel Bar Storage and Processing Area
Steel Bar Binding Area (Integral Frame)
Caisson Prefabrication Pedestal Area
Inclined Frame Vehicle Towing Area
Slipway
Transition Section between Foundation Trench Dredging and Delivery Channel
Section 1
Under slipway, it shall be variable thickness 10-30kg stone block foundation bed with bottom level -4.5m, top surface slope 1:12. Bearing layer under foundation bed shall be completely weathered coral reef limestone.
Section 2
Under slipway, it shall be 1000mm thick, 10-30kg stone block foundation bed. Slope ratio of bottom surface of foundation bed shall be 1:12,top surface slope 1:12. Bearing layer under foundation bed shall be completely weathered coral reef limestone.
Section 3
Under slipway, it shall be variable thickness 10-30kg stone block foundation bed,slope ratio of bottom surface of foundation bed shall be 1:12,top surface slope 1:12.Bearing layer under foundation bed shall be completely weathered coral reef limestone.
Section 4
Under slipway, it shall be variable thickness 10-30kg stone block foundation bed with bottom level -8.00m, top surface slope 1:12. Bearing layer under foundation bed shall be completely weathered coral reef limestone.
Excavate the base of underwater concrete block in the end of Foundation Trench,Bearing layer under base slab. be completely weathered coral reef limestone. Then 1:5 slope to caisson delivery channel. Bottom level of channel shall be -12.00m.
Original Ground Line
Original Mud Line
Bearing Layer Line
Excavation Bottom Boundary Line
Slipway Joint
Ultra thick medium size stone
Prefabrication Yard Vertical Drawing
Structural Detail Drawing
Note:
1. Dimensions and levels in drawings are in meters, levels are based on local sea level.
2. Foundation trench shall be excavated to bearing layer. Should there were any discrepancies in the construction, the contractor is advised to consult with designer and geotechnical investigation.
3. Under slipway, it shall be variable thickness 10-30kg stone block foundation bed with bottom level -4.5m, top surface slope 1:12. Bearing layer under foundation bed shall be completely weathered coral reef limestone. The bed shall be modified or leveled and compact by proper tools. Bearing layer of mud and sand shall be removed 1m for other part of mud, compact the original ground and backfill with bedding material level not not compact to layer.
4. Slipway bedding shall be backfilled with 10-30kg rock stone and compacted layer by layer. Ultra thick medium size stone shall be spread on the top of rock stone. The graded gravel shall be spread on the surface.
5. Four buffer blocks shall be arranged at the end of slipway. Details are referred to General Structural Drawing of Buffer Block FCCC-ST.
Shanghai Port Engineering Design and Consulting Ltd of China Communication Construction Company
General Manager
Deputy GM
Chief Engineer
Deputy Chief Engineer
Chief Designer
Deputy Chief Designer
Designer
Drawing Title
Prefabrication Yard Vertical Drawing
Drawing No.
Scale