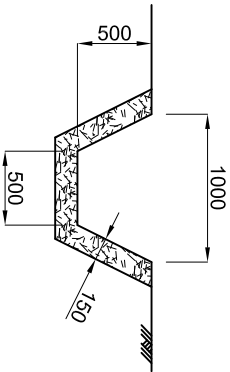
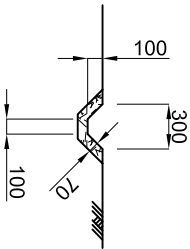


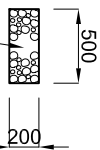
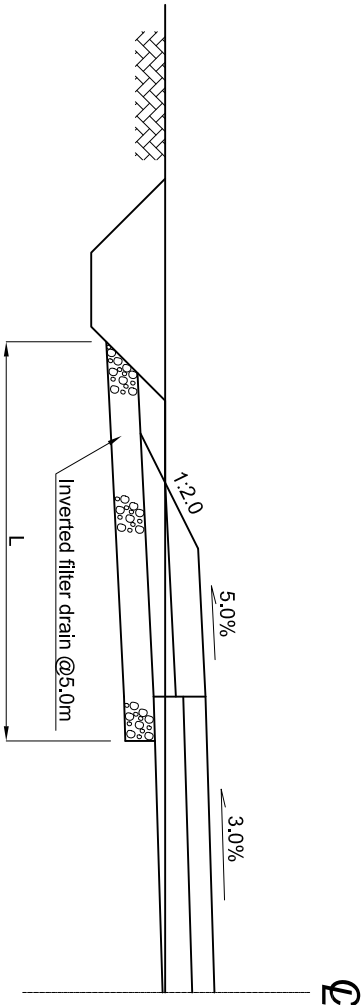
Earth Ditch-1  
(ED-1)

Earth Ditch-2  
(ED-2)



Riprap Ditch-1  
(RD-1)

Riprap Ditch-2  
(RD-2)

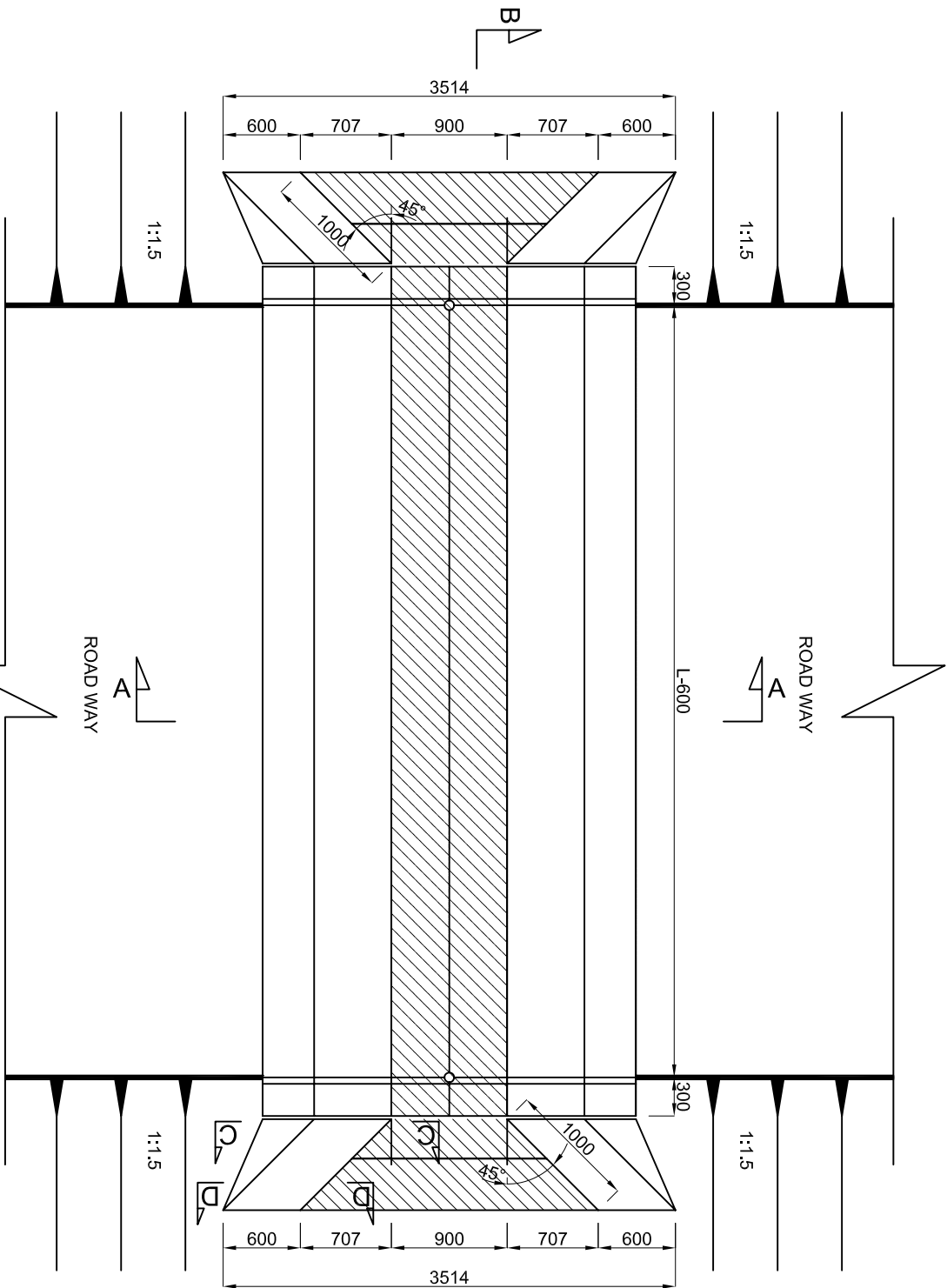


Section

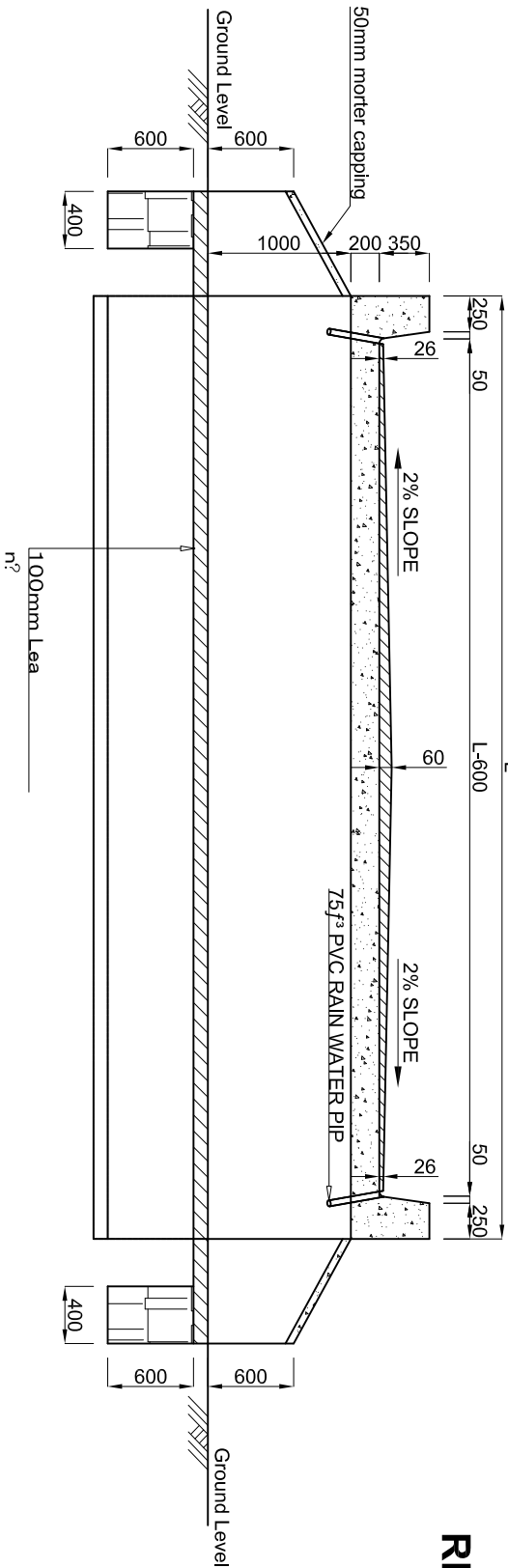
Inverted filter drain(FD)

Ditch

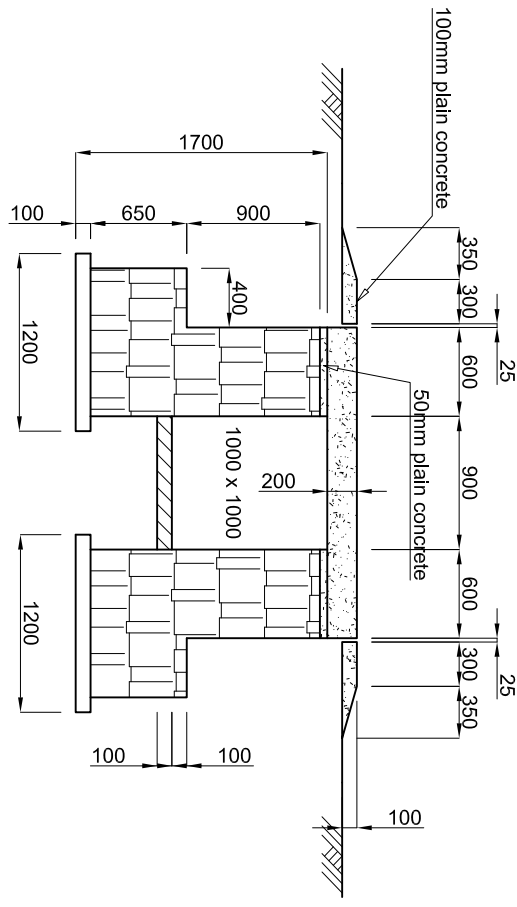
JAPAN INTERNATIONAL COOPERATION AGENCY	THE PROJECT FOR REHABILITATION OF COMMUNITY INFRASTRUCTURE FOR RETURNEES AND RECEIVING COMMUNITIES IN NANGARHAR PROVINCE IN THE ISLAMIC REPUBLIC OF AFGHANISTAN	Reviewed by: _____	KATAHIRA & ENGINEERS INTERNATIONAL	Prepared by: _____	TITLE :  Drainage Structures - Khushgumbad	SCALE		Drawing No.	
						S=1/50		GA-B-R-02	
								_DS - 1	
								Rn.	



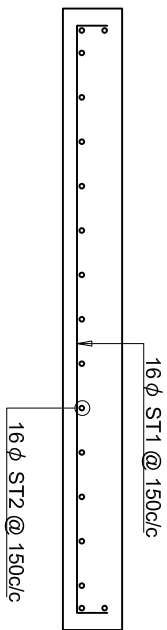
PLAN VIEW S=1/50



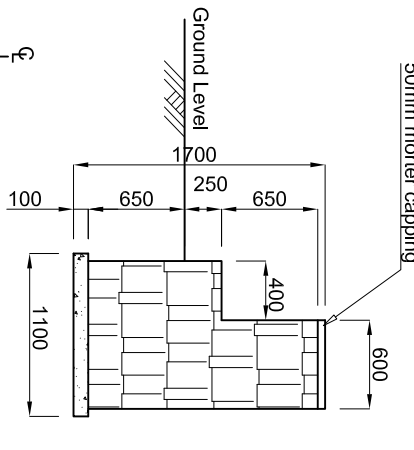
SECTION.B-B S=1/50



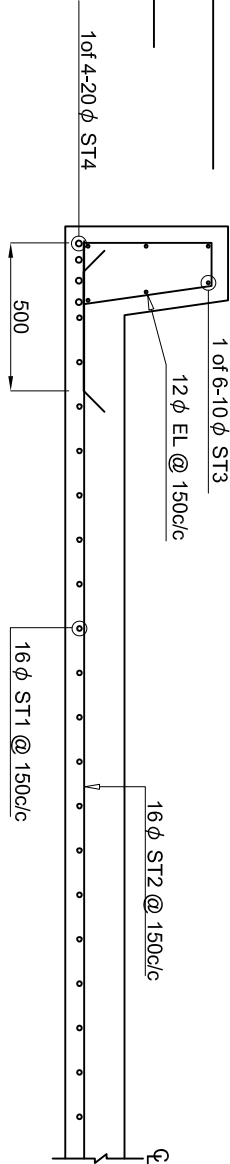
SECTION.A-A. S=1/50



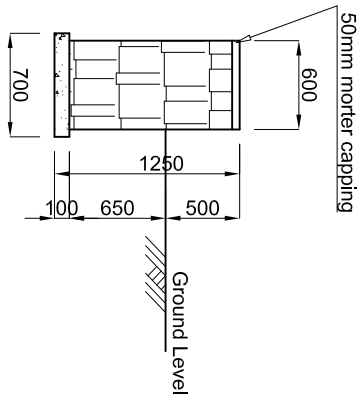
REINF. DETAILS OF SEC. A-A. S=1/25



SECTION.C-C S=1/50



REINF. DETAILS OF HALF SEC. B-B S=1/25



SECTION.D-D S=1/50

### Notes:

BEARING CAPACITY AT FUNDATION LEVEL SHOULD BE 1.65Kg/cm<sup>2</sup>.

1. All dimensions are in "mm" unless otherwise specified
2. If rounded stone from a river or other source is used, it shall not comprise of more than 30% of the total volume of stone and shall be evenly distributed through out the wall.
3. All masonry work should be pointed.
4. Concrete foundations should be reinforced for earthquake zones.
5. Angle and length of wing walls to be adjusted by the Engineer as per site conditions.
6. Refer to the bar schedule for the length and shape of reinforcement.
7. Concrete mix shall be proportioned by volume with a water/cement ratio of not more than 0.45.
8. Concrete with a recorded slump value greater than 100mm shall be rejected by the Engineer.
9. The culverte should be constructed with a fall of 2.4%.

JAPAN INTERNATIONAL COOPERATION AGENCY	THE PROJECT FOR REHABILITATION OF COMMUNITY INFRASTRUCTURE FOR RETURNEES AND RECEIVING COMMUNITIES IN NANGARHAR PROVINCE IN THE ISLAMIC REPUBLIC OF AFGHANISTAN	Reviewed by: _____	KATAHIRA & ENGINEERS INTERNATIONAL	Prepared by: _____	TITLE : Drainage Structures - Knushingumbad	SCALE As Shown	Drawing No. GA-B-R-02_DS - 2	Rn.
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