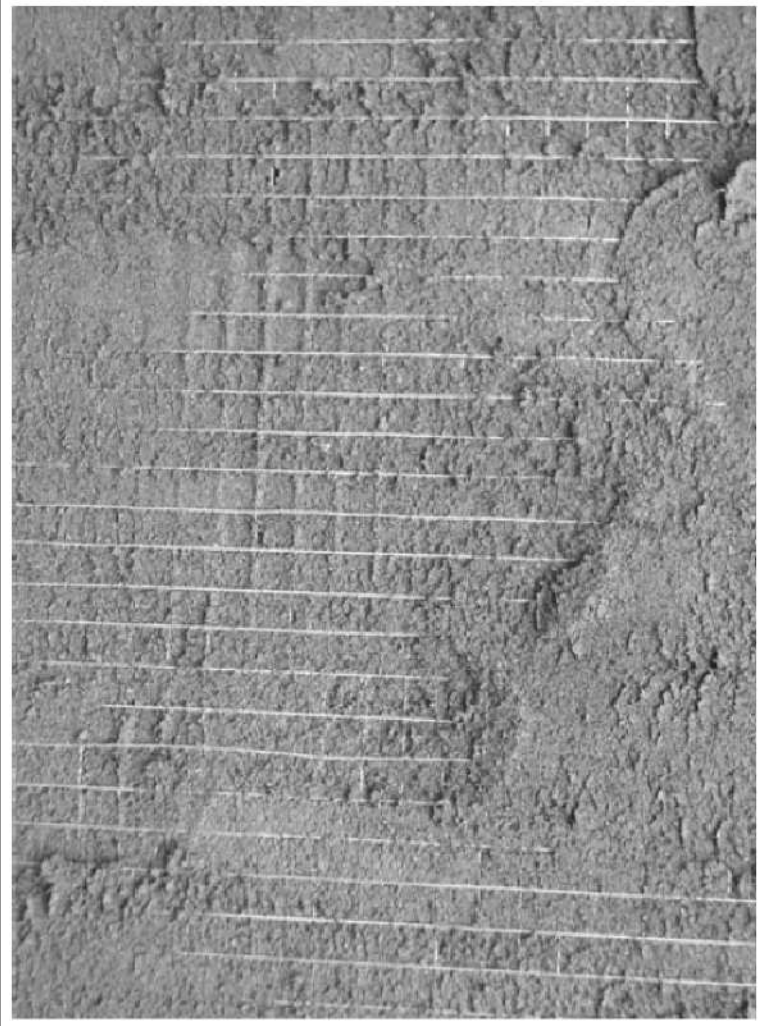


Mesh on Masonry Wall



Application of Plaster

SPECIFICATIONS FOR FERROCEMENT OVERLAY

FERROCEMENT OVERLAY

- 28 days compressive strength of mortar used in ferrocement cement overlay shall be 1,500 psi minimum.
- Galvanized steel welded wire mesh shall be used in ferrocement overlay
- Tensile strength of wire extracted from galvanized steel welded wire mesh used in ferrocement overlay shall be 30,000 psi minimum.
- Existing plaster mortar shall be removed from masonry surface before application of ferrocement overlay.
- Wire mesh shall be properly connected to the wall surface to avoid any wrinkles as detailed in drawing showing typical details of ferrocement overlay. Additional screws may be used.
- Masonry surface shall be thoroughly wetted before application of plaster. Loose joint mortar along the cracks shall be removed and the grooves shall be filled with new mortar in 1:4 CSM before application of ferrocement overlay
- Plaster shall be applied in two layers: first as filling layer (to fill the space below wire mesh) and the 2nd as leveling layer. Total thickness of plaster shall not be less than 3/4" .

TYPICAL DETAIL FERROCEMENT OVERLAY

PROJECT : Provision of Technical Assistance/ Continuous Audit for Construction of Missing Schools Facilities in Khyber Pukhtunkhwa 2014-15	CLIENT : ADAM SMITH INTERNATIONAL		BLOCK : DRAWING : FLOOR PLAN	SENIOR DESIGN ENGINEER :	PROJECT COORDINATOR	DRAWN By : Ejaz Saleem		DATE : July-2016		Ref No.	REMARKS :															
	LOCATION / DISTRICT : PESHAWAR					DESIGN ENGINEER		ENGINEER :																		
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