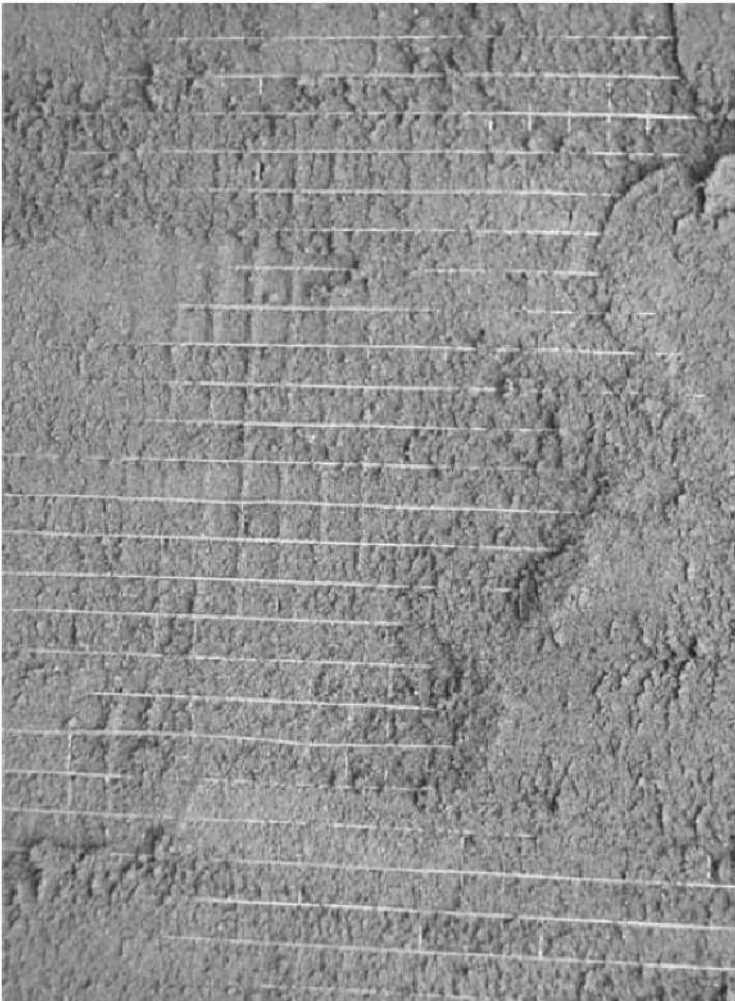


Mesh on Masonry Wall




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 ¾".

TYPICAL DETAIL FERROCEMENT OVERLAY

PROJECT :	CLIENT :	BLOCK :	SENIOR DESIGN ENGINEER :	PROJECT CO-ORDINATOR	DRAWN By :	DATE:	Ref No.	REMARKS :		
Provision of Technical Assistance/ Continuous Audit for Construction of Missing Schools Facilities in Khyber Pukhtunkhwa 2014-15	ADAM SMITH INTERNATIONAL	ZONE - 3			Ejaz Saleem	July-2016				
	LOCATION / DISTRICT :	DRAWING :	DESIGN ENGINEER:	ENGINEER :	CHECKED By :	DWG NO.	Serial NO :			
	PESHAWAR					S-15				
										<div><div>Associates in Development Pvt Ltd 22, AID Executive Center Services Cooperative Housing Society E-11/2-3 Markaz, Islamabad, Pakistan Phone: 92(51) 2304979-80-81</div></div>