

**Project
Completion
Report**

Bastion of Mud Fort

***Tando
Allahyar***

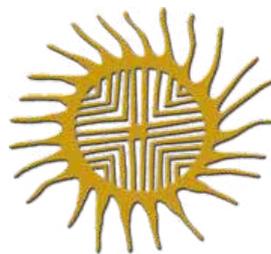


ENDOWMENT FUND TRUST
For Preservation of the Heritage of Sindh



CONTENTS

INTRODUCTION	01
LOCATION	02
CONDITION REPORT	03
CONSTRUCTION MATERIAL	04
PROGRESS OF RESTORATION	05
EFT OFFICIALS VISIT	19
AFTER RESTORATION PICS	21
BEFORE AND AFTER PICS	23
ARCHITECTURAL DRAWINGS	30



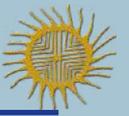
ENDOWMENT FUND TRUST
FOR PRESERVATION OF THE HERITAGE OF SINDH



INTRODUCTION

The mud fort at Tando Allahyar also known as Mir Allahyar's fortress was built in mid 18th century A.D., by Mir Allahyar son of Mir Fateh Ali Khan Talpur for residential purpose. The Mirs ruled in Sindh until 1843, where they had three different ruling states, Khairpur, Mirpurkhas and Hyderabad. They established "Tanda"(cantonments) surroundings each state and areas were assigned to any member of the ruling elite to govern and look after the affairs of those areas. Mir Allahyar khan, the son of Mir fateh ali khan established a fort around 1760s at Tando Allahyar. The fort originally had four bastions around the fort which were used as defensive mechanism around the fortress with entrance on the southern side. Out of the four bastions only one survives and there are traces of two other bastions, one inside the compound wall of the Mukhtiarkar office, which has dumped material lying on top of it, concealing it underneath. Traces of one bastion are found near the Mukhtiarkar office which is encroached by houses. The surviving bastions need to be preserved and restored to its original shape. The bastion outside the wall of Mukhtiarkar office, which is surviving in a standing position, is constructed with mud, the height of the bastion is 13'-0.4" and the dia is 22'-07". It is filled with mud up to the height of 11'-0". The traces of second bastion are visible to the west of the surviving bastion inside the Mukhtiarkar office (the photos of the second bastion concealed under garbage are attached). The site is not declared as protected under Sindh Heritage Act, 1994. Consequently, by taking the serious notice of the ruined state of the surviving bastion of the fortress, the Deputy Commissioner Tando Allahyar Mr Rashid Ahmed Zardari with the guidance of the Commissioner Hyderabad Mohammad Abbas Baloch came into contact with Endowment Fund Trust and the matter was taken up on priority basis, Mr Hameed Akhund secretary EFT, who sent a technical team headed by Mr Mohan Lal and Ishtiaq Ansari who visited the site with Assistant Commissioner Tando Allahyar Mr Shabbir Jan Jaskani, comprehensive plan was prepared by charting out strategy to preserve the heritage, which is the identity of the District Tando Allahyar.





LOCATION

Accessibility

The bastion is located outside the Mukhtiarkar office, Tando Allahyar city, it can be accessed from the main Hyderabad-Tando Allahyar road following fort road towards Mukhtiarkar office, Taluka and District Tando Allahyar.

District

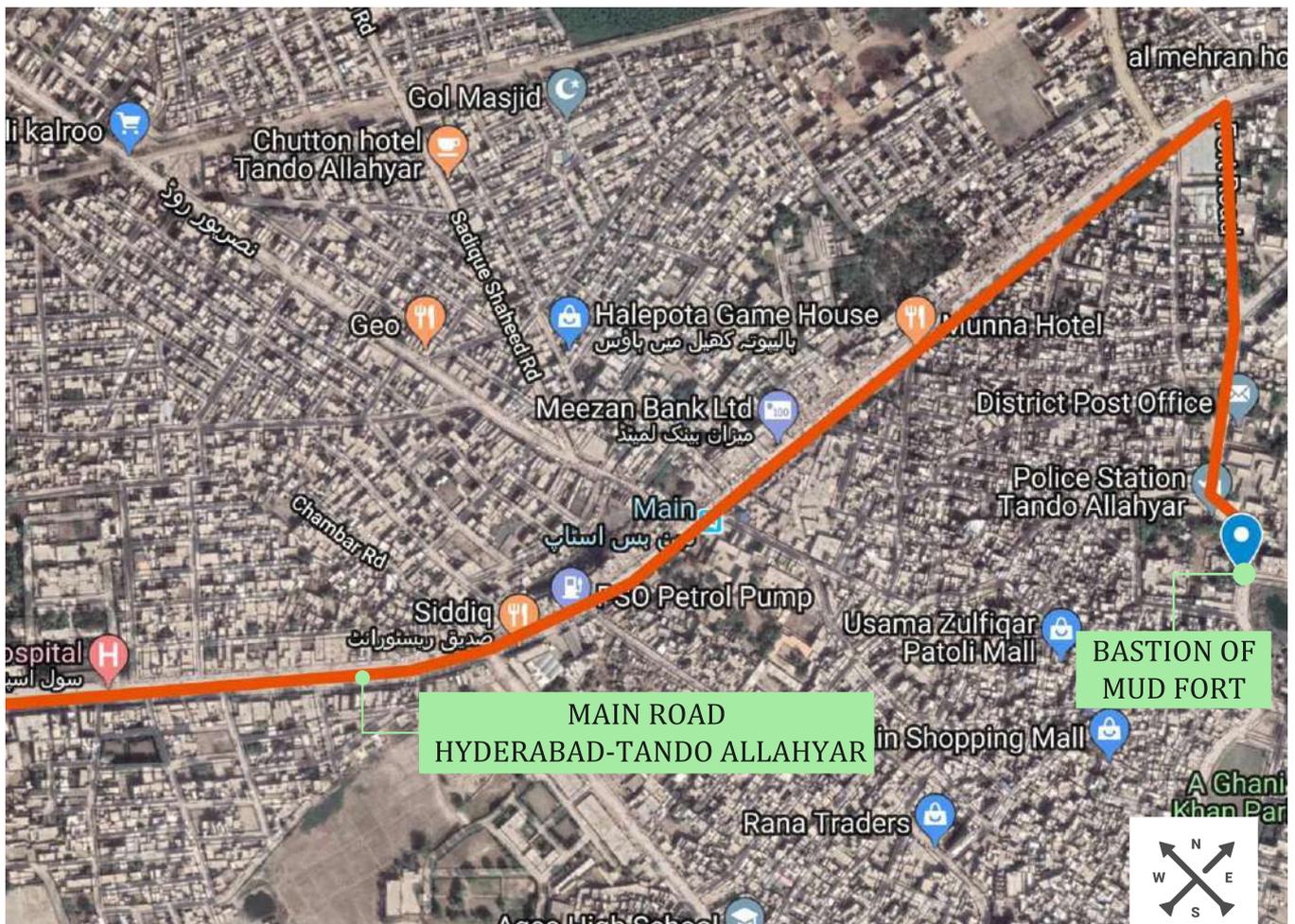
Tando Allahyar

Taluka

Tando Allahyar

Coordinates

25.46281° N 68.72273° E





CONDITION REPORT

- The surviving bastion was in a very vulnerable condition, and needed to be preserved on priority basis.
- Mud from the base of the bastion had eroded and upper part of the bastion is also eroded due to Efflorescence, harsh environmental conditions.



Eroded Portion of Bastion



Damage Top of the Bastion



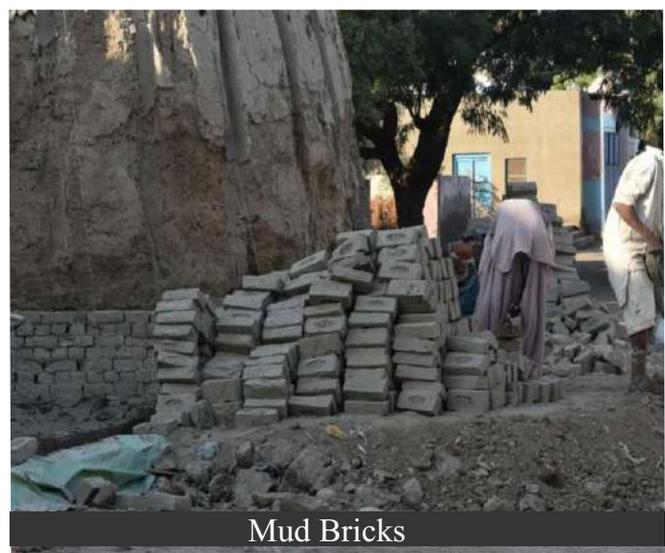
Coved Portion of Bastion



CONSTRUCTION MATERIAL

Material

- Mud bricks
- Wheat chaffed straw
- Clay
- Burnt bricks (for top of the floor of the Bastion and apron of the Bastion)
- Rice Husk
- Lime





PROGRESS OF RESTORATION

Visit Of Officials





PROGRESS OF RESTORATION

Drainage



2nd Collapsed Bastion of the Fort



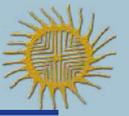
Main Hole & open drain of the toilet



Toilet



Main Cause of the deterioration of the bastion is seepage from the open drain constructed along with Bastion



PROGRESS OF RESTORATION

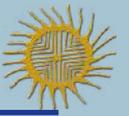
District Management to Demolition the Toilets



Assistant Commissioner Mr. Shabbir Jan Jiskani discuss with team



Demolition of encroached Washrooms by Assistant Commissioner Mr. Shabbir Jan Jiskani and team

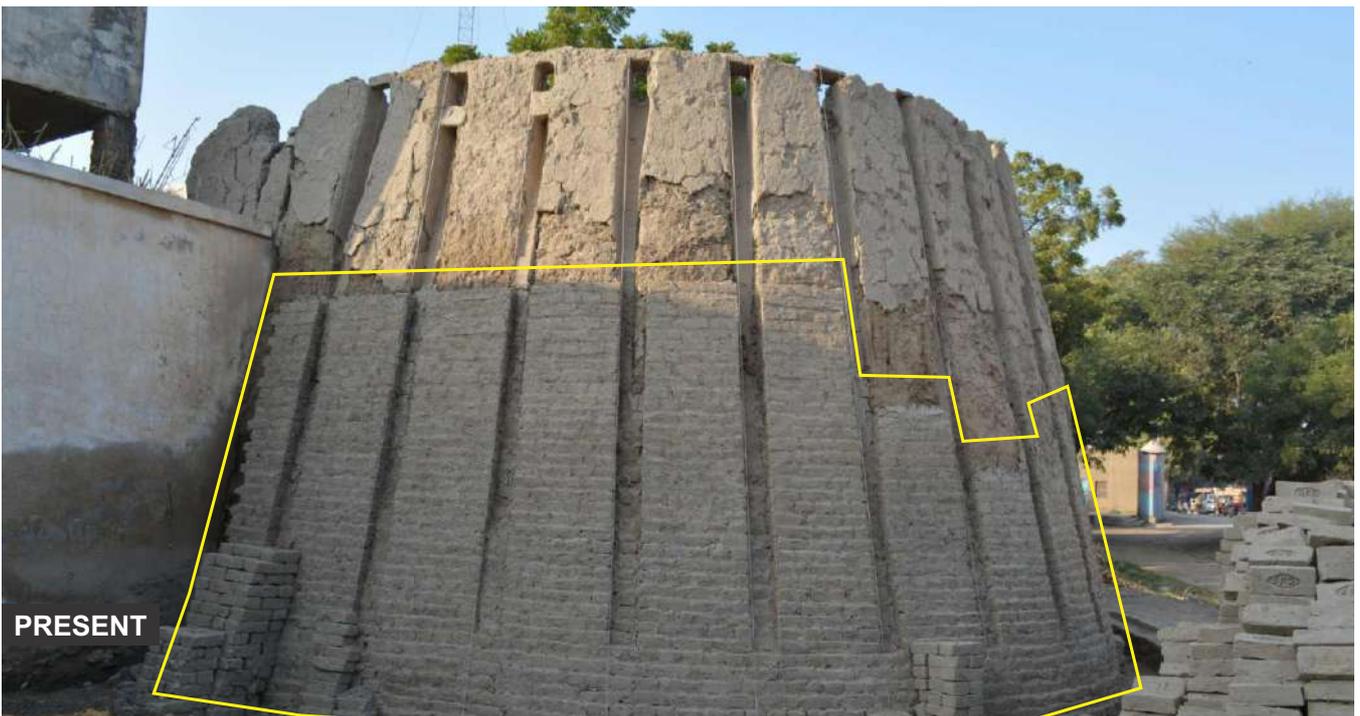


PROGRESS OF RESTORATION

Work in Progress



Under pinning and mud brick masonry of the coved and eroded portion of the Bastion & Jungle clearance was carried out

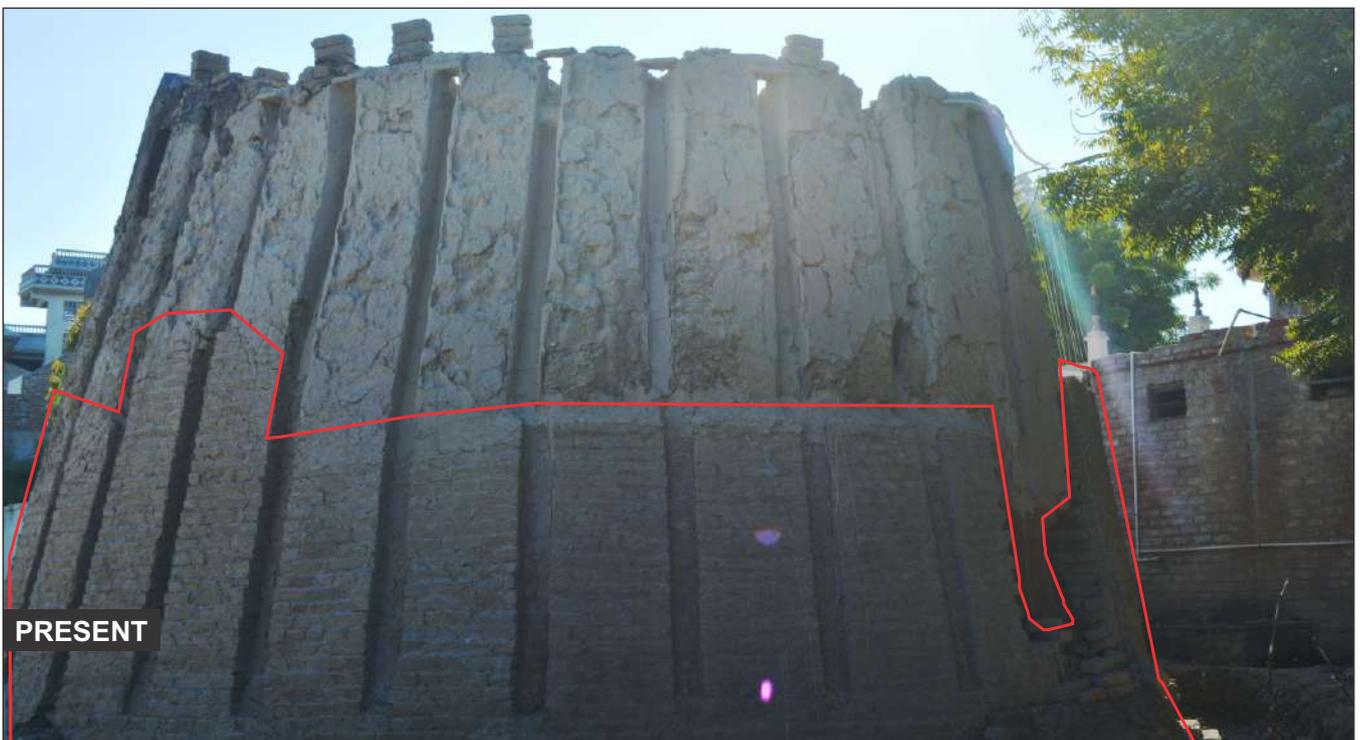


Debris were cleared surrounding the Bastion



PROGRESS OF RESTORATION

Work in Progress

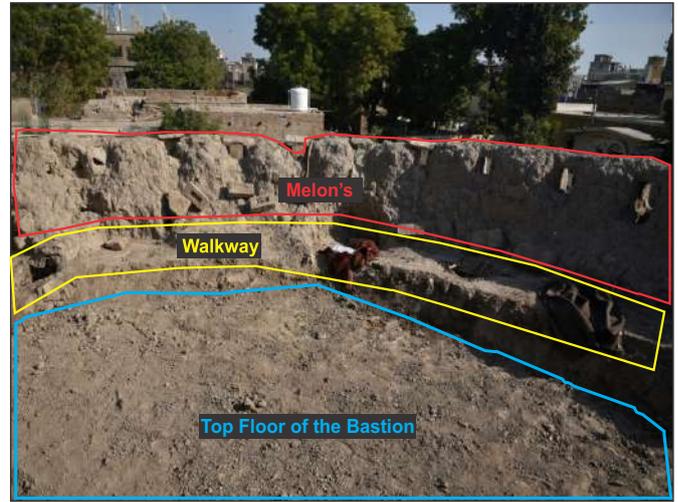


Underpinning have done and Masonry work in progress

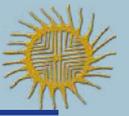


PROGRESS OF RESTORATION

Work in Progress



Restored the Top surface of the bastion

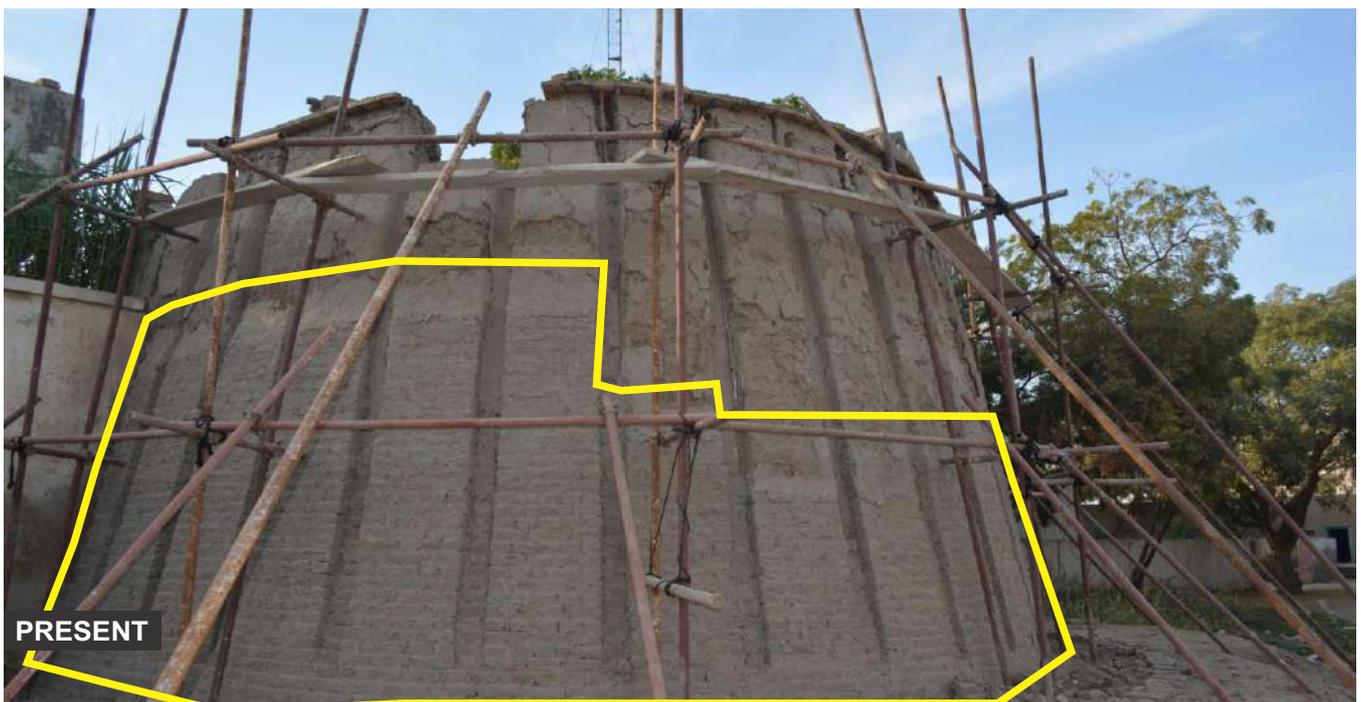


PROGRESS OF RESTORATION

Work in Progress



During



PRESENT

Exterior Wall Masonry in progress.
Scaffolding has fixed for doing elevated restoration work,
Scaffolding are shifted from the Ghulam Shah Kalhoro Hyderabad & Sabzwari tombs Sehwan.



PROGRESS OF RESTORATION

Work in Progress



The Coved base of the Bastion has underpinned

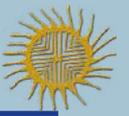


PROGRESS OF RESTORATION

Work in Progress



Masonry Work



PROGRESS OF RESTORATION

Work in Progress



Mud Plaster on Merlons top surface

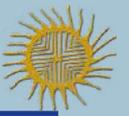


PROGRESS OF RESTORATION

Work in Progress



Merlons mud plaster work in process



PROGRESS OF RESTORATION

Work in Progress



After flooring of Bastion top level



PROGRESS OF RESTORATION

Work in Progress



Fixing of EFT name slab on Bastion



PROGRESS OF RESTORATION

Work in Progress

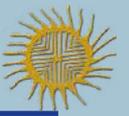


Cleaning of surroundings debris for flooring purpose



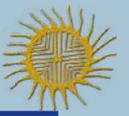
PROGRESS OF RESTORATION EFT OFFICIALS WORKING AT SITE





PROGRESS OF RESTORATION EFT OFFICIALS WORKING AT SITE





PROGRESS OF RESTORATION

After Restoration of Bastion



Eastern side view after Restoration of Bastion



Southern side view after Restoration of Bastion



PROGRESS OF RESTORATION

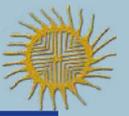
After Restoration of Bastion





BEFORE AND AFTER PHOTOS





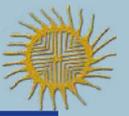
BEFORE AND AFTER PHOTOS





BEFORE AND AFTER PHOTOS





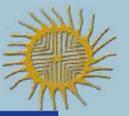
BEFORE AND AFTER PHOTOS





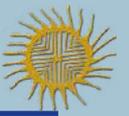
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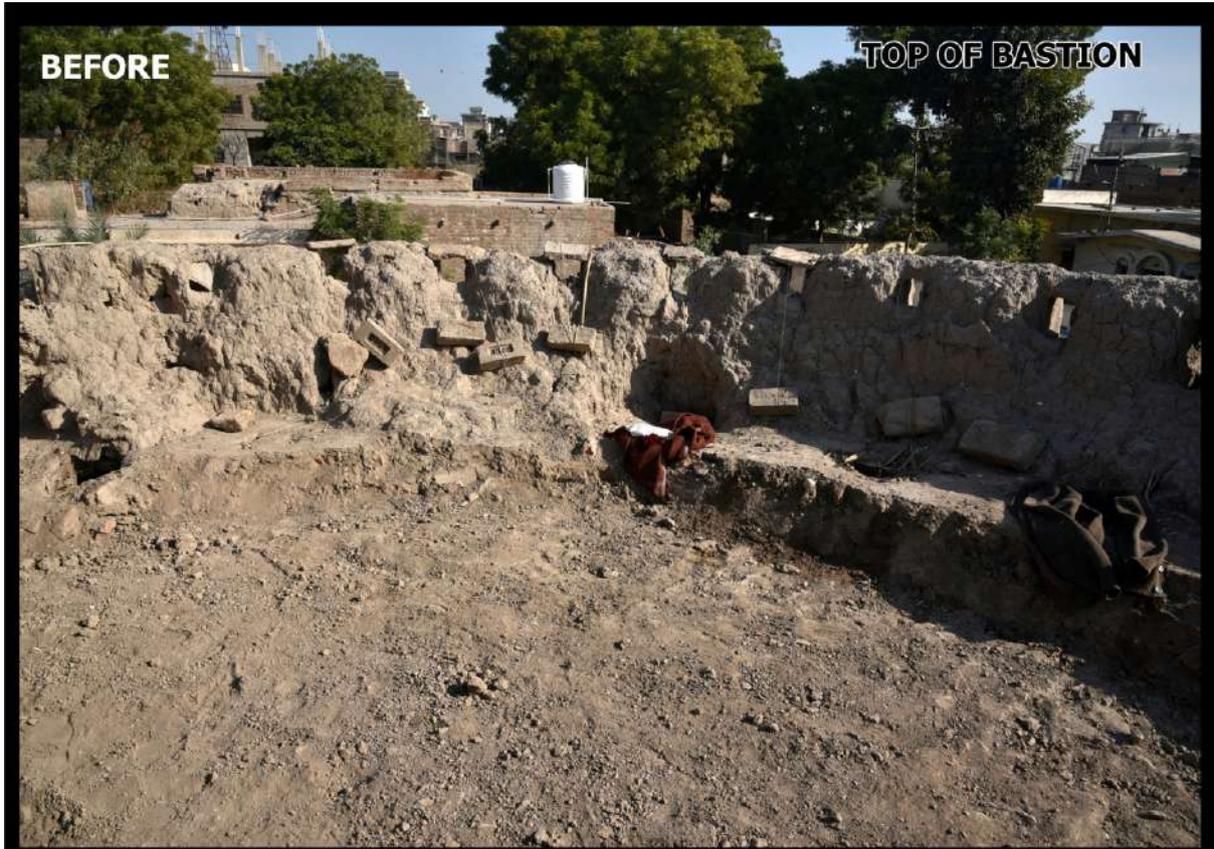


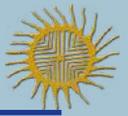
BEFORE AND AFTER PHOTOS



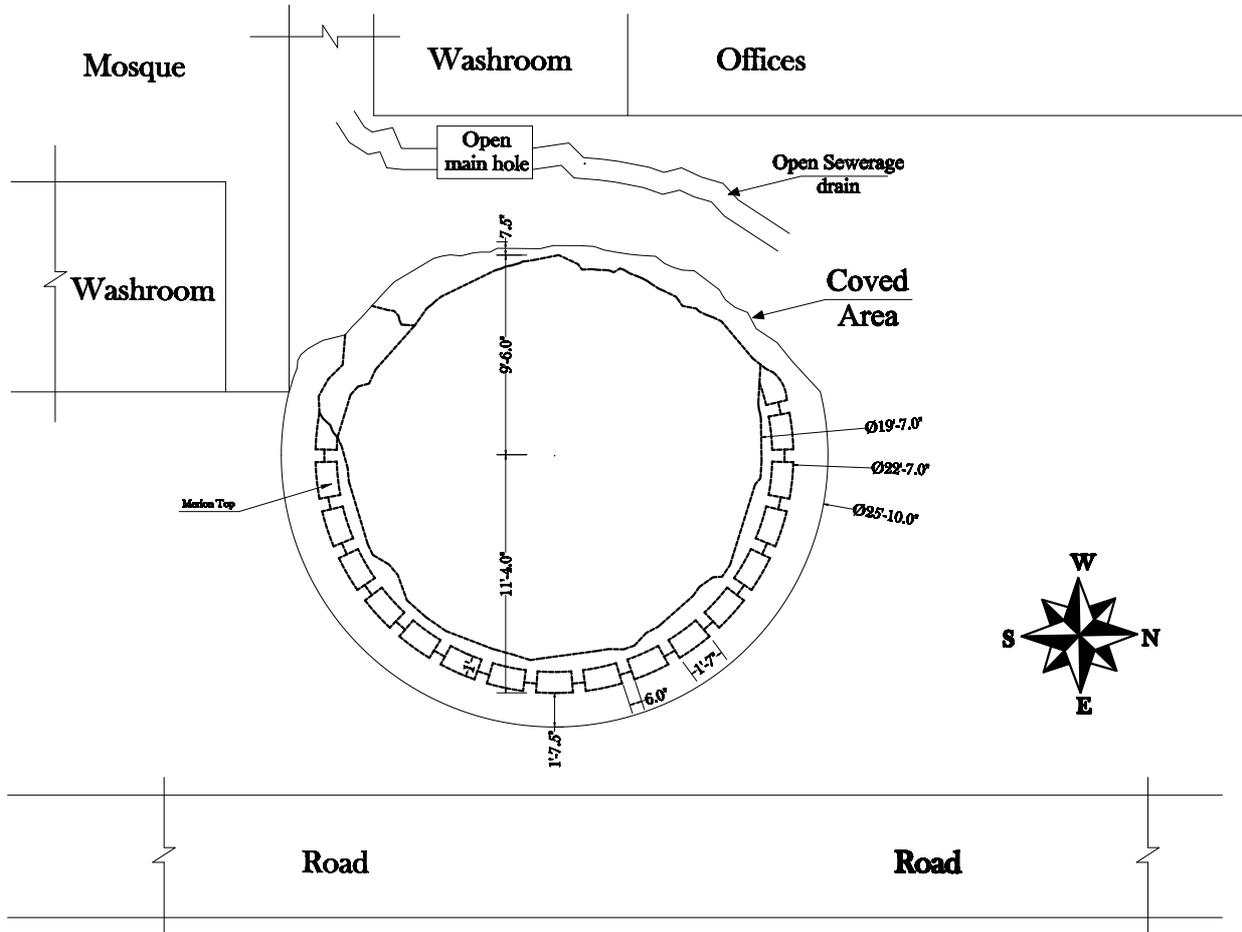


BEFORE AND AFTER PHOTOS

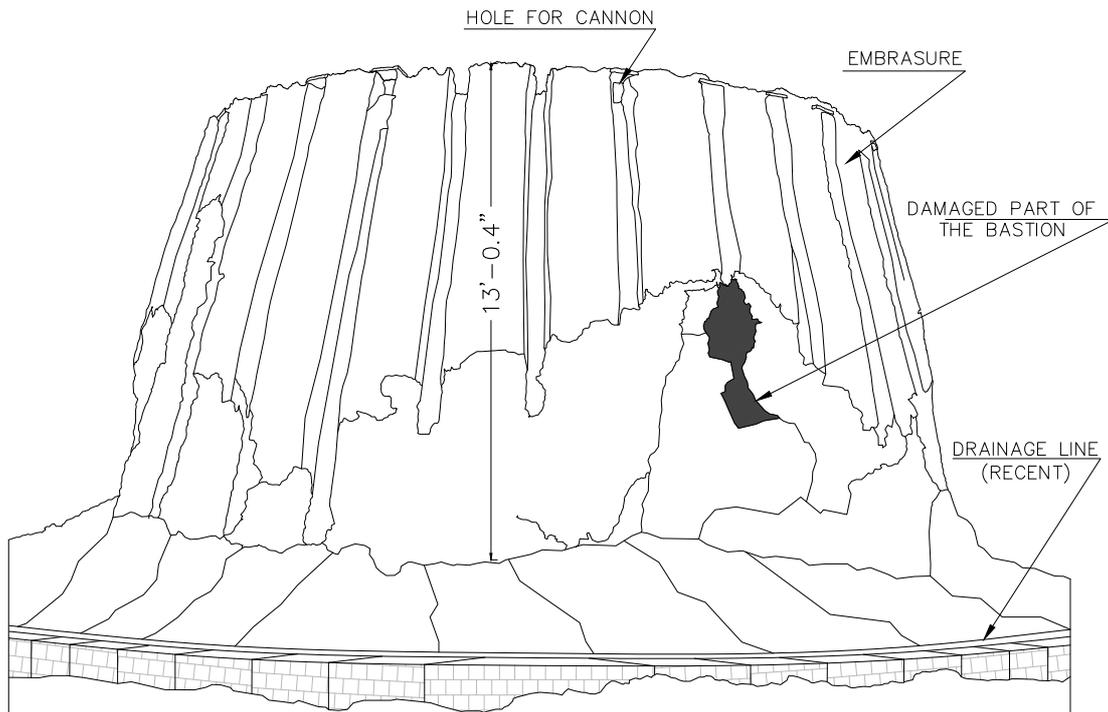




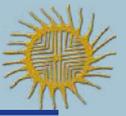
ARCHITECTURAL DRAWINGS BEFORE



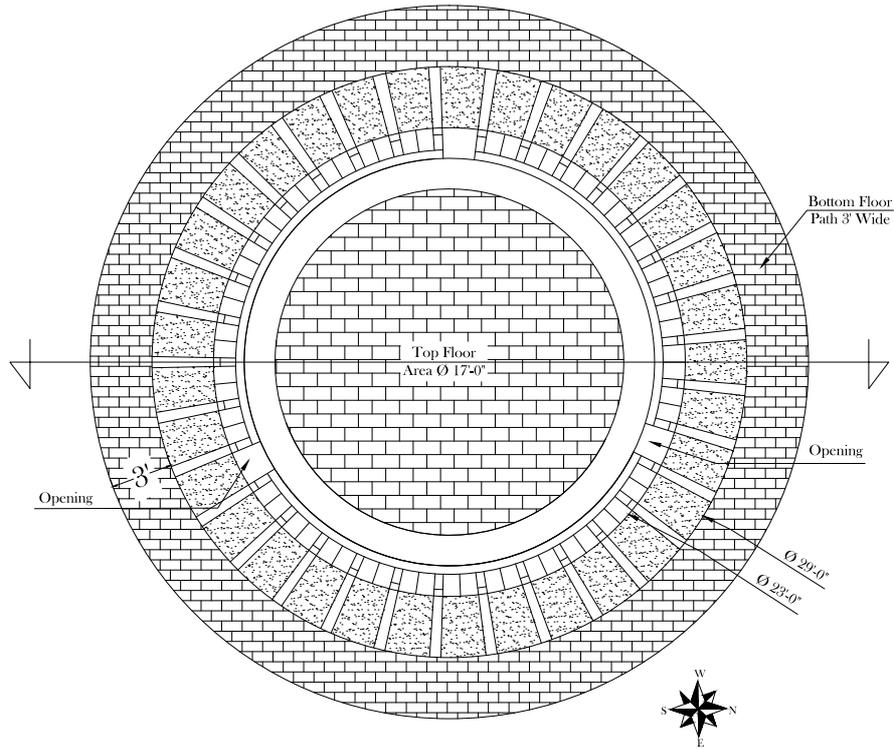
Existing Plan of Mir Allahyar Fort Mud Bastion



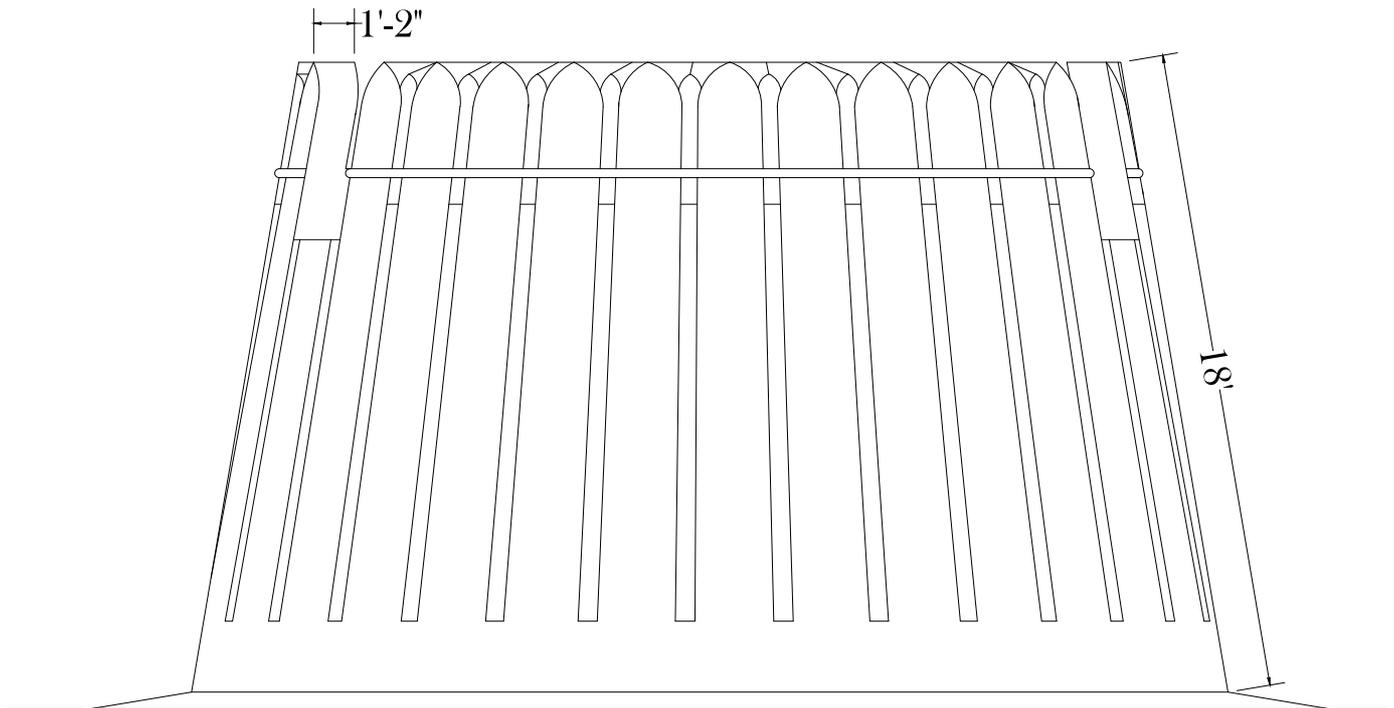
Existing Elevation of Mir Allahyar Fort Mud Bastion



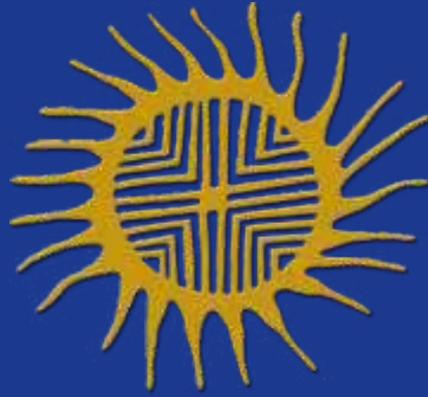
ARCHITECTURAL DRAWINGS AFTER



Proposed Plan of Mir Allahyar Fort Mud Bastion



Proposed Elevation of Mir Allahyar Fort Mud Bastion



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