

TRIPOLI EMERGENCY FUND

consolidation of lot 1974 -BT

Volume 6
Tender Drawings



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PLOT 1974

BASATIN TRABLOUS



KEY PLAN

NOTES:

LEGENDS:

OWNER:

TRIPOLI EMERGENCY FUND



CONSULTANT:

CONTRACTOR:

PROJECT TITLE :
Consolidation of ploi 1974- BT

Drawing title :	Drawing # :
List of Drawings	
Scale	Date
-	JUNE 2026

TENDER DRAWINGS

BUILDING SHORING & REHABILITATION

PLOT 1974 - BASATIN TRABLOUS

OWNER: TRIPOLI EMERGENCY FUND

CONSULTANT:

Date: JUNE 2026

GENERAL NOTES FOR SHORING AND REHABILITATION WORKS

GENERAL NOTES – CONSOLIDATION & REHABILITATION WORKS

1. SITE VERIFICATION:

- All existing conditions and dimensions shall be verified on site before commencing any work.
- Do not scale drawings; use figured dimensions only.

2. SAFETY & TEMPORARY WORKS:

- Contractor shall implement proper safety measures including protective barriers, scaffolding, and PPE.
- All temporary supports and shoring systems must be designed, installed, and approved by a qualified structural engineer.

3. SCOPE OF WORK:

- Works include temporary shoring and propping, removal of deteriorated/delaminated/contaminated concrete, exposure and treatment of corroded reinforcement, supplementation or replacement of deteriorated reinforcement, formwork and falsework, curing, testing and quality control, and final finishing and protection.

4. MATERIALS & COMPATIBILITY:

- Materials shall be of approved quality and conform to relevant standards-refer to specification and BOQ documents.
- Repair materials shall be compatible with existing construction to avoid chemical or structural incompatibility.

5. COORDINATION:

- Works shall be executed strictly in accordance with approved specifications, and local building codes.
- Drawings are to be read in conjunction with specification documents.
- No modifications or deviations shall be made without written approval from the consultant.

6. REFERENCE STANDARDS:

- All works shall comply with ACI 562, ACI 546R, ACI 301, ICRI 310.2R, ASTM C881, ASTM C928, ASTM C1583, ASTM C42, and ASTM C39.

7. INSPECTION & APPROVAL:

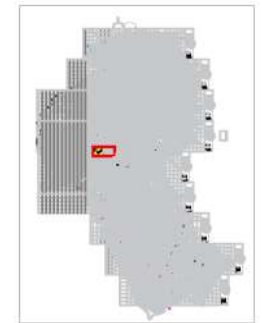
- All rehabilitation works shall be inspected and approved by the supervising engineer prior to removal of temporary supports.
- Continuous monitoring of structural behavior shall be carried out during rehabilitation operations.
- Contractor shall perform all required tests (material, load, soil, or other relevant investigations) prior to execution and submit results for consultant approval.

8. ACCEPTANCE CRITERIA:

- Completed repairs shall be free from cracks, delamination, honeycombing, and fully bonded to the substrate.
- Repairs shall match adjacent surfaces in geometry and finish.
- Minimum pull-off bond strength shall be 1.5 MPa unless otherwise specified by the Engineer.

PLOT 1974

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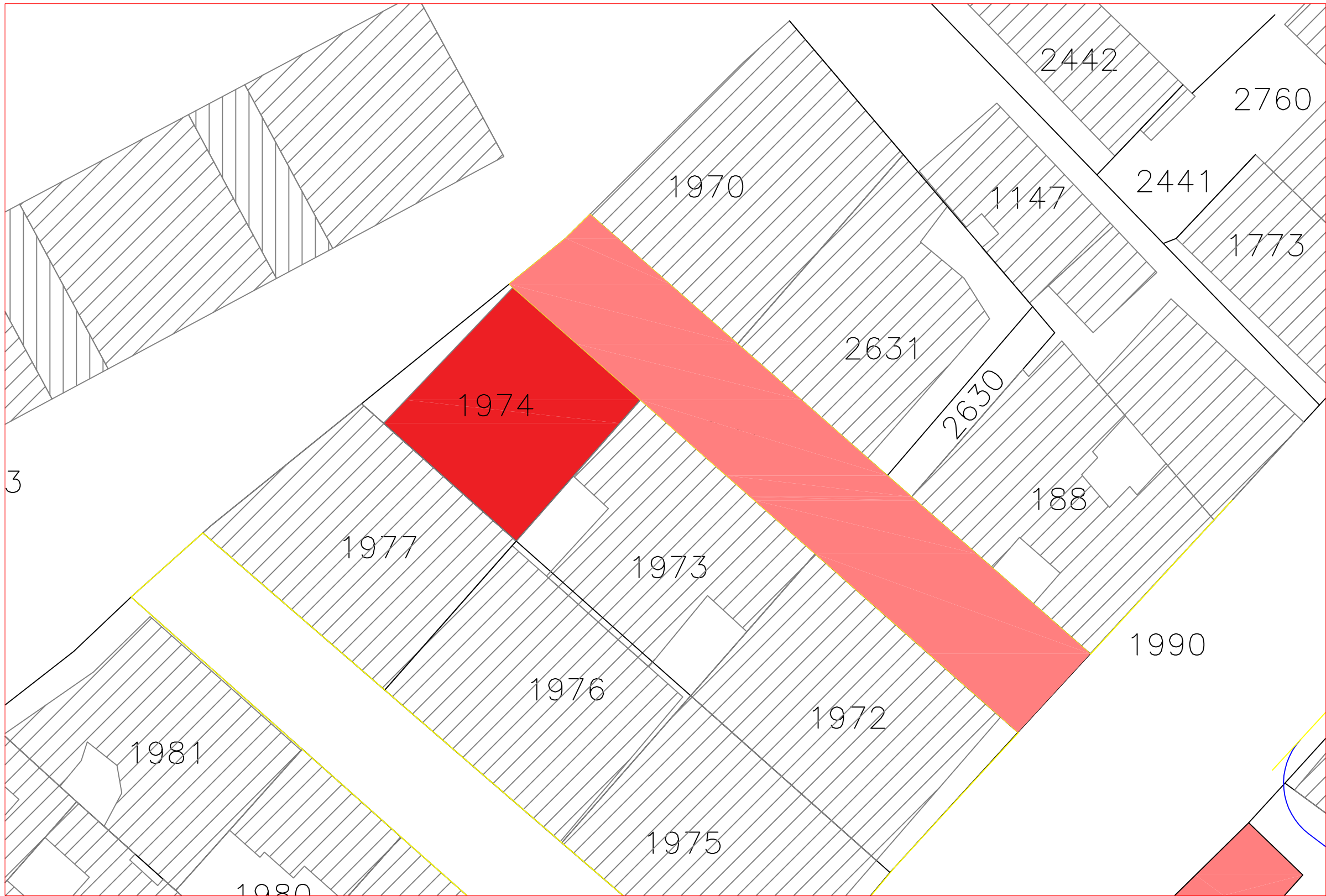


CONSULTANT:

CONTRACTOR:

PROJECT TITLE :
Consolidation of plot 1974- BT

Drawing Title : General Notes	Drawing # : DRG-000
Scale : 1"	Date : JUNE 2026



PROJECT DESCRIPTION

Plot No. 1974 is located in the Basatin Trablous area.
The property consists of one structural unit, a RESIDENTIAL BUILDING comprising:

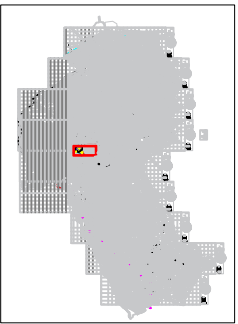
- Basement (Lower Ground Floor)
- Ground Floor
- Four Typical Upper Floors

Scope of Works in this project is:

- Strengthening and rehabilitation limited to the Basement Floor

PLOT 1974

BASATIN TRABLOUS



KEY PLAN

NOTES:

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CONSULTANT:

CONTRACTOR:

PROJECT TITLE :
Consolidation of plot1974- BT

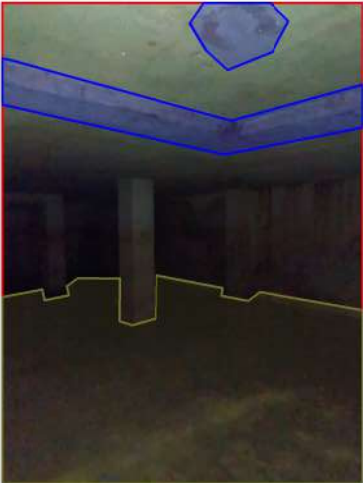
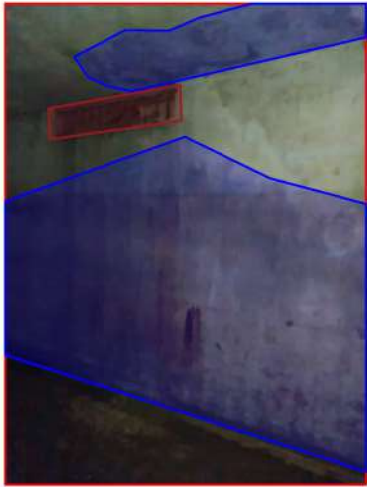
Drawing title :
LOT LOCATION & DESCRIPTION

Scale	Date
1/1000	JUNE 2026

Drawing # :

DRG-001

BASEMENT EXISTING STATUS



PLOT 1974

BASATIN TRABLOUS



KEY PLAN

NOTES

The basement structural elements are currently experiencing multiple critical defects, including:

- 1- Water infiltration originating from defective sewerage pipes ,failure of waterproofing/insulation layers and improper sealing of the openings(windows).
- 2- Concrete Deterioration and reinforcement corrosion in slabs, beams.
- 3- Accumulation of contaminated water and debris within the basement, posing both structural risks and health hazards.

LEGEND

- CRACK
- WATER/ DEBRIS ACCUMULATION
- Spalling / Exposed Reinforcement
- Water Infiltration
- Destroyed windows and doors
- Mechanical & Electrical Issues

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CONSULTANT:

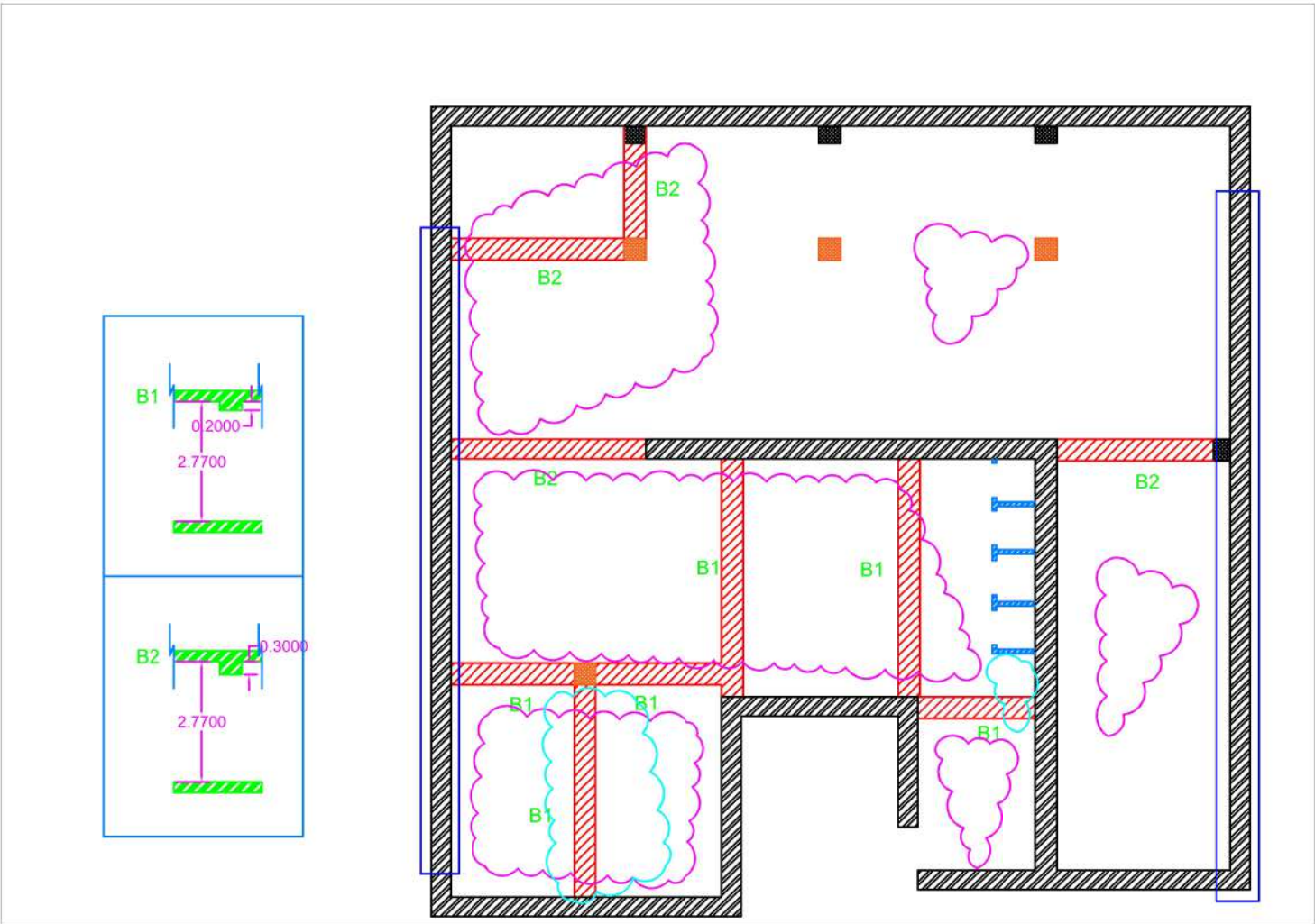
CONTRACTOR:

PROJECT TITLE :
Consolidation of plot 1974- BT

Drawing title :
BASEMENT EXISTING STATUS
Scale Date
JUNE 2026

Drawing # :
DRG-002

BASEMENT EXISTING STATUS -Plan
CONSOLIDATION WORKS



- GENERAL NOTES – CONSOLIDATION WORKS
The works shall be limited to the repair of deteriorated or destroyed structural elements. The consolidation scope shall include the following:

1. SLABS / BEAMS / COLUMNS / WALLS REPAIR:
• All deteriorated or destroyed slabs, beams, columns, and walls shall be repaired using approved materials.
• Repairs must ensure full bond with the existing structure.

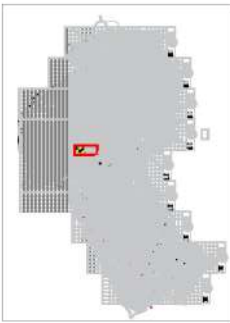
2. COORDINATION:
• All works shall be executed in accordance with the project specifications.
• Contractor shall coordinate with the supervising engineer before each stage of execution.

3. REFERENCE STANDARDS:
• All works shall comply with ACI 562, ACI 546R, ACI 301, ICRI 310.2R, ASTM C881, ASTM C928, ASTM C1583, ASTM C42, and ASTM C39.

4. INSPECTION & APPROVAL:
• All consolidation works shall be inspected and approved by the supervising engineer prior to removal of temporary supports.
• No structural element shall be loaded until written approval is obtained.

PLOT 1974

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KEY PLAN

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LEGEND

- DESTROYED BEAMS:60-80%
- COLUMNS TO BE REPAIRED OR JACKETED
- MECHANICAL AND ELECTRICAL ISSUES
- DESTROYED SOLID SLAB:50%
- WATER INFILTRATION

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CONSULTANT:

CONTRACTOR:

PROJECT TITLE :
Consolidation of plot 1974- BT

Drawing title :
Consolidation works
Scale Date
1:250 JUNE 2026
Drawing # :
DRG-003