# EMBASSY OF THE UNITED STATES OF AMERICA

Via Veneto 119/A
00187 Rome, Italy

## U.S. EMBASSY ROME

## COMPOUND ADA PARKING NEAR CONSULATE BLDG

FAC Engineering
05/16/2026

SENSITIVE BUT UNCLASSIFIED

# FOREWORD

The Embassy of the United States in Rome needs to award a contract for the realization of a dedicated ADA parking close to the Consulate entrance and installation of hand railings.

# GENERAL

- The contractor shall supply all the installation materials and equipment, skilled and unskilled labor, technical supervision, as well as logistic and administrative support. The contractor shall also supply all accessory services such as: transportation, leasing, equipment and tools, disposal of debris, cleaning the work area and anything else necessary to complete the project in compliance with the present specifications

- The COR may schedule some of the operations to be performed after-hours or during the weekend. These activities shall be performed at no extra cost for the Embassy.

- Maximum attention is required for the safety of personnel at work on the site. The workers shall operate in compliance with standard codes. In view of the fact that the work site consists of crucial technical installations, temporary safety protection measures towards third parties and workers shall be installed with care and attention, especially for the hours when site is closed.

- The Contractor shall be responsible for submitting, for approval by the COR, samples of materials and supplies to be used.

- It shall be Contractor's responsibility to verify all the quantities and dimensions.

# DEFINITIONS

A glossary of terms and relative equivalents used in the drawing up of the tender documents are indicated hereunder:

**Client, Administration, Project Supervisor, COR, CO:** all these denominations identify the technical administrative staff, predisposed to handle the contract on behalf of the embassy of the United States of America.

**Contracting Company, Contractor:** all these denominations identify the subject that undertakes to carry out the work described in the contract.

**Contract, Purchase Order (P.O.), Work Order:** these terms identify the contract document with which the project is awarded. The Client at his indisputable judgment shall make the formal selection of the different types of documents.

# PARKING

No parking is allowed inside Embassy grounds. The Contractor's vehicles shall be allowed to enter only for loading and unloading materials.

Loading and unloading operations shall be carried out using only one vehicle at a time.

Consequently, during the accomplishment of the project the Contractor shall ensure that its vehicles are parked at its own expense outside the Government property.

## SAFETY STANDARDS

The Contractor shall comply with all the applicable health and safety obligations provided by Legislative Decree No. 81/2008 (Consolidated Law on Occupational Health and Safety). The main objective is to eliminate or, where not possible, to reduce to the minimum any exposure of workers to risks arising from work-related activities. To this end, the Contractor is required, when applicable, to submit the Risk Assessment Document (Documento di Valutazione dei Rischi – DVR) or the Operational Safety Plan (Piano Operativo di Sicurezza – POS), to provide adequate and documented training to workers, to supply appropriate individual and collective protective equipment (PPE and CPE), and to fully comply with all the other obligations set forth under Legislative Decree 81/2008.

**Submission of the Operational Safety Plan (POS)**

Within 10 calendar days after receiving the Notice to Proceed, the awarded Contractor must submit a detailed Operational Safety Plan (POS). The POS must clearly identify the following key professional figures:

**Site Technical Director (Direttore Tecnico di Cantiere**):

The individual responsible for managing the construction site on behalf of the Contractor. This role may be fulfilled by either an internal employee or an external professional formally appointed by the company. This figure is not to be confused with the Construction Supervisor (Direttore dei Lavori), who is appointed by the Client and is responsible for verifying that the works are carried out in compliance with thedesign and technical specifications.

**Supervisor (Preposto):**

An individual who, by the nature of their duties, supervises the work of others (e.g., site manager, workshop head, department chief). The Supervisor must be adequately trained to fulfill the responsibilities assigned under Art. 19, paragraph 1, letter g) and in accordance with the objectives of Art. 37 of Legislative Decree 81/2008. The Supervisor shall ensure, continuously and effectively, that:

1. Workers comply with safety instructions and the provisions of the safety plan;
2. Personal protective equipment (PPE) is used as required;
3. Any deficiencies in procedures, tools, PPE, or persistent non-compliance are promptly reported to the employer or manager.

The contractor has to send the list of personnel who will work on site. The workers have to be regularly registered and if there is a subcontractor this has to present the documents requested too. All workers have to understand and speak Italian.

# DESCRIPTION OF WORK

1. **General**
   The Contractor shall provide all labor, materials, equipment, tools, supervision, and services required to construct a new ADA-compliant dedicated parking space near the Consulate entrance (upper parking lot), a protected pedestrian access path to the stairlift, and new handrails for the main staircases serving both the Consulate and USUN.

2. **Pre-construction Requirements**

   - **Mobilization and Site Setup**
     The Contractor shall:

     1. Prepare construction and laydown areas as indicated by the COR.

     2. Fence and secure all work and laydown areas at all times to prevent unauthorized access.

     3. Identify, in coordination with the COR, any spaces that may be used for storage and shelter of materials, tools, and Contractor staff.

   - **Submittals**

     1. Material Samples: All materials shall be of primary quality brands. The Contractor shall submit samples (pavers, bollards, handrail components, coatings, travertine, etc.) to the COR for review and approval within fifteen (15) calendar days from the Notice to Proceed (NTP).

     2. Shop Drawings: Where applicable (handrails, foundations, paver layout, drainage details), the Contractor shall submit shop drawings for COR review prior to procurement and installation.

   - **Housekeeping and Waste Management**

     1. All debris generated by the work shall be removed from inside the building on the same day it is produced.

     2. Only a small internal area, as agreed with the COR, may be used to temporarily store materials to be installed.

     3. The location for storage of new materials shall be identified and approved by the COR.

3. **ADA Parking and Pedestrian Access**

- **Demolition and Excavation**

    1. Saw-cut and remove existing asphalt pavement in the area of the new accessible parking space and dedicated pathway.

    2. Remove existing base course and subgrade materials to a depth of 30 cm, including excavation, loading, transport, and disposal of unsuitable materials to an authorized landfill, in accordance with local regulations.

    3. Trim and compact the exposed subgrade to the required levels and gradients.

- **Foundations for Bollards**

    1. Construct concrete foundation plinths with cavities suitable to contain the fixing portion of each bollard.

    2. Fill each cavity with semi-fluid concrete to just below finished floor level. Insert the bollard and move it slightly so the concrete penetrates inside and the bollard reaches the correct alignment and elevation.

    3. Verify and maintain vertical alignment using temporary supports until concrete has cured.

    4. Check orientation of bollards with chain fixing points and alignment between all bollards before concrete hardens.

- **Subbase and Base Layers**

- Supply, place, level, and compact a granular subbase (e.g., crushed stone/aggregate) to the specified thickness and compaction requirements to receive the new paver system.

- Where required, install a lean concrete base or cement-stabilized layer to ensure durability and proper load distribution, especially in the new parking area.

- Verify, and if necessary adjust, pavement slopes to ensure proper surface water runoff away from the accessible parking space and pedestrian pathway.

- Ensure that all slopes, crossfalls, and clear widths comply with ADA and applicable local regulations.

- **Installation of Concrete Pavers (Betonelle)**

    1. Construct a bedding layer (sand or fine aggregate) over the prepared base.

    2. Supply and install interlocking concrete pavers (betonelle), using different colors/finishes as needed to clearly mark and highlight the ADA-compliant pedestrian pathway leading to the stairlift.

    3. Cut and adjust pavers along edges, around bollards, and near existing structures to achieve neat, uniform transitions.

    4. Fill joints and perform final compaction of the paved surface.

- **Modification of Existing Parking Area Pavement**

    1. Remove existing RC8 pavement (or equivalent surface) in the area designated for the new accessible parking space, as required.

    2. Install subbase/base layers as needed to match levels and composition with new paved areas.

    3. Supply and install concrete pavers (betonelle), similar to those used for the pathway, to create a uniform, ADA-compliant surface with adequate bearing capacity and drainage gradients.

- **Installation of Bollards and Chains**

    1. Supply and install metal bollards anchored to the previously constructed concrete plinths.

    2. Supply and install galvanized or painted chains between bollards to define and protect the dedicated pedestrian path, ensuring visibility and continuity.

    3. Apply anti-corrosion protection and any required reflective elements on bollards to improve visibility.

- **Markings and Signage**

1. Apply road markings for the disabled parking space (symbol, outlines, hatching) using high-visibility, non-slip, weather-resistant paint.

2. Install vertical signage indicating the reserved disabled parking space and pedestrian pathway, in accordance with applicable local and ADA-related standards.

3. Install any additional directional and warning signs required to guide vehicles and pedestrians.

- **Restoration and Finishing Works**

1. Restore all areas adjacent to the works, including cutting and reinstatement of asphalt or existing paving where disturbed.

2. Perform site cleaning, remove all construction debris, and deliver the completed works free of dust and residues.

3. Perform final inspection, alignment checks, and minor adjustments to pavers, bollards, chains, and markings to ensure full functionality and compliance.

4. **Handrails for USUN and Consulate Main Staircases**

- **General Requirements**

1. On the access stairways serving USUN and the Consulate, the clear width between existing handrails exceeds 1,200 mm. The Contractor shall install an additional central handrail to ensure full compliance with Italian and U.S. regulations on accessibility and removal of architectural barriers.

2. All dimensions, configurations, and details shall comply with ADA requirements and applicable Italian regulations.

- **Handrail Geometry and Configuration**

1. Provide new handrails with a constant height of 960 mm above the tread surface.

2. Install continuous handrails along the full length of each stair flight, on both sides of the stairs and centrally where required by stair width.

3. Provide circular handrail sections between 32 mm and 51 mm in diameter, to ensure an ergonomic grip and compliance with standards

4. Ensure that upper and lateral grasping surfaces are free of obstructions for the entire length, with intermediate posts located so as not to interfere with handhold.

5. Extend handrails 305 mm beyond the first and last riser at the beginning and end of each flight, in accordance with ADA and Italian requirements.

- **Support Structure and Fixing**

  1. Avoid invasive anchoring into the existing stair structures.

  2. Support the handrails with a self-supporting structure consisting of concrete end posts and a connecting concrete curb.

  3. Properly size these concrete elements so that deep foundations or anchors into existing paving are not required, relying on their weight and static configuration.

  4. Provide a protective layer between the new concrete elements and the existing stairs to prevent damage, water infiltration, or abrasion of original surfaces.

  5. Fix the handrail assembly (rail and posts in hot-rolled steel) exclusively to the self-supporting concrete elements, avoiding direct interventions on original steps.

- **Materials and Finishes**

  1. Prefabricate handrails and posts in galvanized steel with grey anthracite powder-coat finish, ensuring durability, anticorrosion protection, and visual consistency with existing metal elements.

  2. Provide concrete end posts and curbs clad with travertine slabs, with color and cut similar to existing finishes, to ensure material and chromatic continuity with the building.

  3. Ensure all edges are rounded and all exposed surfaces are smooth and free from discontinuities that could pose a risk to users.

# MATERIAL EQUIVALENTS

The Contractor shall verify and ensure that all the materials supplied are new and without defects and that their use and/or installation is carried out using the best techniques and fully respecting the instructions supplied by the manufacturers.

Special parts shall be manufactured solely by workshops that are highly qualified in that specific sector.

The makes indicated in this SOW (Scope of Work) are intended as a point of reference and therefore, the words *or approved equivalent* are implicit.

Different selections implemented by the Contractor shall be approved in advance by Client after submission of samples and technical cards.

*PAVERS*
**BETONELLA**
https://betonella.com
Filterbox

*BOLLARS*
**FONDERIE LAMPERTI**
https://fonderielamperti.com
Paletto Dissuasore Milano “La Parigina” Con Anelli

# SITE DEMOLITION

## REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by the basic designation only.

**National Fire Protection Association (NFPA):**
NFPA No. 241 (2000)
Standard for Safeguarding Construction, Alterations, and Demolition Operations.

**Safety at Work Places:**
Law Decree 14 August 1996
"Construction Site Regulations", Supplements and Amendments.

**Trash Disposal:**
Law Decree 15 November 1993.
Law Decree 5 February 1997 No. 22 (Decreto Ronchi).
Law Decree 8 November 1997 No. 389.
Decree 1 April 1998 No. 145.
Decree 28 April 1998 No.406, Environmental Department.
Decree 24 June 1998 No. 261.
Circular 4 August 1998 No. GAB/DEC/812/98.

**Asbestos Material Treatment:**
Law 27.03.1992, No. 257
Norms concerning the discontinuance of the use of the asbestos.

Ministerial Decree 06.09.1994
Norm and technical methodologies for compliance with Law No. 257, dated 27 March 1992, Art. 6, comma 3, and Art. 12, comma 2 concerning the concerning the discontinuance of the use of the asbestos.

Legislative Decree 10.09.1994, No. 626
Implementation of the CEE requirements for improving safety and health of workers on work site.

Legislative Decree 17.03.1995, No. 114
Implementation of the requirements 87/217/CEE concerning the prevention and reduction of the environment pollution due to the asbestos.

Circular No. 7 Explanatory circular of the Ministerial dated 12.04.1995 Decree dated 06.09.1994.

Ministerial Decree 14.05.1996
Norms and technical methodologies for reclamation actions as stated by Law No. 257, dated 27 March 1992, Art.5, comma 1, letter f) concerning: "Norms for the discontinuance of the use of the asbestos".

Legislative Decree 14.08.1996, No. 494
Implementation of the requirements 92/57/CEE concerning the minimum safety and health requirements to be accomplished in temporary or mobile work sites.

Legislative Decree 05.02.1997, No. 22
Implementation of the requirements 1/156/CEE regarding waste, 91/689/CEE regarding hazardous waste and 94/62/CEE regarding packaging and waste packaging.

Ministerial Decree 12.02.1997
Criteria for homologation of products replacing the asbestos.

Ministerial Decree 26.03.1998
List including the name of the firms and list of the materials replacing the asbestos that have obtained the homologation.

Decree 20.08.1999
Increase of the norms and technical methodologies for reclamation actions as stated by Law No. 257, dated 27 March 1992, Art.5, comma 1, letter f, concerning: "Norms for the discontinuance of the use of the asbestos".

Deliberation 14.03.2001
Modification to the deliberation dated 1 February 2000, protocol No. 002/CN/ALBO, concerning "Criteria to be enrolled in the Albo Categoria 10: Reclamation of asbestos containing goods" (Deliberation No. 004/CN/Albo).

Decree 25.07.2001
Rectification of Decree 20 August 1999 concerning "Increase of the norms and technical methodologies for reclamation actions as stated by Law No. 257, dated 27 March 1992, Art.5, comma 1, letter f) concerning norms for the discontinuance of the use of the asbestos".

Decree of the Council of
Regulations for the determination of the Ministers President model and the procedures to keep the 10.12.2002, No. 308 register in case of mesothelioma due to the asbestos according to Legislative Decree No. 277, dated 15 August 1991, Art.36, comma 3.

Ministerial Decree 13.03.2003
Criteria of admissibility of the wastes in the dump site

**SUBMITTALS**
Statements: A demolition plan giving the procedures proposed for the accomplishment of salvage, demolition and removal work shall be submitted to the Contracting Officer's Representative and approved before work is started. The procedures shall provide for careful removal and disposition of materials specified to be salvaged and coordination with other work in progress. The procedures shall include a detailed description of the methods and equipment to be used for each operation, the sequence of operations and in case of demolition of adherence built constructions or in case of partial demolitions they shall also include the calculation of provisional structures which are to bear possible walling and, if the size of the work requires it, also a geotechnical report about the adjoining buildings.

**GENERAL REQUIREMENTS**
The work includes the demolition and/or the removal of all construction indicated or specified. All materials resulting from demolition work, except as indicated or specified otherwise, shall become the property of the Contractor and shall be removed from the limits of Government property. Trash

and debris shall be removed from the station daily, unless otherwise directed, and shall not be allowed to accumulate on the site. Such materials which, in the opinion of the Contracting Officer's Technical Representative, cannot practically be removed daily shall be neatly stored on the site where directed by the Contracting Officer.

**DUST AND DEBRIS CONTROL**

Dust resulting from salvage, demolition and removal work shall be controlled to prevent the spread of dust and avoid creation of a nuisance in the surrounding area. Use of water will not be permitted when it may result in, or create, hazardous or objectionable conditions such as ice, flooding and pollution.

**PROTECTION**

- Protection of Existing Work from Damage:

  Protect existing work which is to remain in place, to be reused, or to remain on the property of the Government by temporary covers, shoring, bracing and supports. Repair such items which are damaged during performance of the work or replace with new. Do not overload structural elements. Provide new supports or reinforcement for existing construction which is weakened by demolition or removal work.

- Weather Protection

  The interior of the building and all materials and equipment shall be protected from the weather at all times. Where removal of existing roofing is necessary to accomplish work, materials and workmen necessary to provide adequate and approved temporary covering of exposed areas shall be kept in readiness at all times. Temporary coverings shall be attended as necessary to insure their effectiveness and prevent displacement.

- Protection of the Trees and Shrubs

  Protect trees and shrubs within the project site that might be damaged during demolition, and that are indicated to be left in place. Restore trees scarred or damaged by Contractor equipment or operations to a satisfactory condition or replace them as determined by the Contracting Officer's Representative.

- Facilities

Protect all electrical and mechanical services and utilities. Where removal of existing utilities and pavement is specified or indicated, provide approved barricades, temporary covering of exposed areas and temporary services or connections for electrical and mechanical utilities.

- Protection of Personnel

  Where pedestrians' and drivers' safety is endangered in the area of work removal, barricades for traffic shall be used and advance notice shall be given to the Contracting Officer prior to beginning any such work.

**USE OF EXPLOSIVES**

Use of explosives will not be permitted.

**BURNING**

Burning will not be permitted.

**RELOCATIONS**

Perform the removal and reinstallation of relocated items as indicated with workmen skilled in the trades involved. Repair items to be relocated which are damaged or replace damaged items with new undamaged items as approved by the Contracting Officer's Representative.

**DISPOSITION OF MATERIAL**

- Title to Materials

  Title to all materials and equipment to be removed, except as specified otherwise, is vested in the Contractor upon receipt of notice to proceed. The Government will not be responsible for the condition, loss or damage to such property after notice to proceed.

- Material to be salvaged

  Salvaged material shall be stored as directed by the Contracting Officer.

- Reuse of materials and equipment

  Carefully remove and store materials indicated to be reused or relocated to prevent damage and reinstall as the work progresses.

**CLEAN-UP**

- Debris and Rubbish Control

  Debris and rubbish shall be removed each day and transported in a manner that will prevent spillage on streets or adjacent areas. Clean up spillage from streets and adjacent areas.

- Regulations

  National, Provincial, and local regulations regarding hauling and disposal shall be complied with.

# MAINTENANCE PLAN

At completion of project, the contractor shall submit the preventive maintenance plan of all the equipment installed within the scope of the project, as follows.

List in detail the new equipment installed and submit the list to the COR.
The COR shall review the list and will give the contractor the standard inventory card for each type of equipment. Also, the COR will give the contractor the "Check list" detailing the standard OBO preventive maintenance activity for each type of equipment together with the required schedule, i.e. monthly, semiannual or annual schedule.

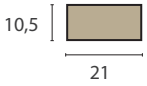
The contractor shall fill in the inventory cards for all equipment and shall submit to the COR the entire maintenance plan on paper.

# FILTERBOX

BETONELLA®
L'autentica. Dal 1979

FilterBox è un massello autobloccante in calcestruzzo di spessore 80 mm filtrante realizzato in doppio strato. La particolare composizione dei calcestruzzi utilizzati gli consente di drenare totalmente le acque meteoriche fino ad ottenere valori di drenaggio maggiori di 650 l/(s ha) .

Dimensioni cm:




Adatta a Traffico Veicolare lento di sole autovetture, cortili di abitazioni private. Marciapiedi, zone circostanti edifici, sentieri di parchi, lati piscine, piazze esclusivamente pedonali. Zone di stazionamento in parcheggi di autovetture.

Con adeguato sottofondo FILTERBOX è idoneo anche a Traffico Veicolare lento con carichi complessivi fino a 35 q .
Categoria di traffico limite raccomandata: **3B** Classificazione del traffico da "Catalogo per il dimensionamento di pavimentazioni in masselli autobloccanti in calcestruzzo in ambito urbano" edito da Assobeton (2005) pag. 12 – tabella 2.6

| | |
|---|---|
| Spessore: | 8 cm |
| Peso: | 170 kg/m2 |
| Colori: | qrz grigio mix, qrz rossocotto |

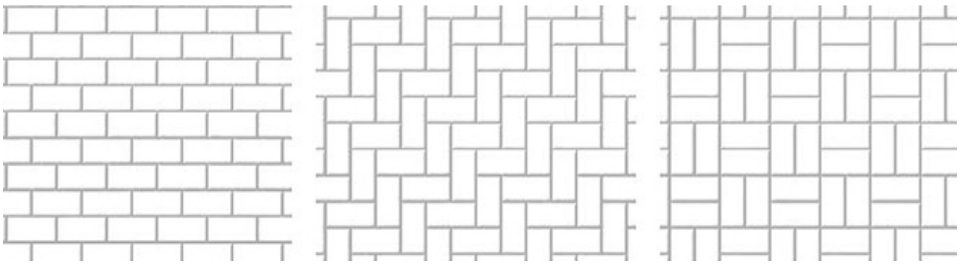
Stabilimento: Treviso, Salerno.

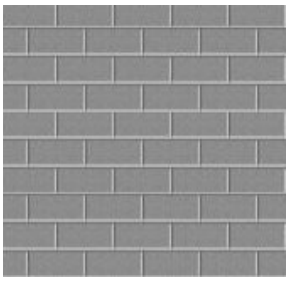
## CARATTERISTICHE TECNICHE a cui Filterbox è conforme

| | |
|---|---|
| Resistenza caratteristica a compressione: | ≥ 400 kg/cm 2 |
| Resistenza allo scivolamento: | Soddisfacente |
| Massa volumica media: | > 2000 kg/m3 |
| Permeabilità: | > 650 l/(s·ha) ; > 240 mm di pioggia in 1 ora |
| Coefficiente di deflusso: | 0,2 (con adeguato sottofondo drenante) |
| Capacità drenante sperimentale*: | Cdre = 100% |

* Manuale Assobeton - Volume 3 Drenanti

## SCHEMI DI POSA





## RACCOMANDAZIONI DI POSA

Detti masselli saranno posti in opera su sottofondo portante adeguato, interponendo un riporto di posa, che al fine di favorire la permeabilità della pavimentazione, sarà realizzato di spessore 30-50 mm utilizzando pietrisco di frantoio di granulometria 3-5 o 4-6 mm, lavato e di elevata resistenza meccanica. La sabbia di sigillatura dei giunti dovrà essere di origine alluvionale o lavata fine asciutta e di elevata durezza, esente di limi e argille. La posa in opera dovrà essere eseguita secondo le modalità indicate dalla norma UNI 11241 su massicciata approntata in funzione del tipo di traffico previsto e dello stato del suolo naturale sulla base delle indicazioni del "Catalogo per il dimensionamento delle pavimentazioni in ambito urbano" edito da Assobeton, 2005.

Gruppo Industriale TEGOLAIA

Gruppo Industriale TEGOLAIA
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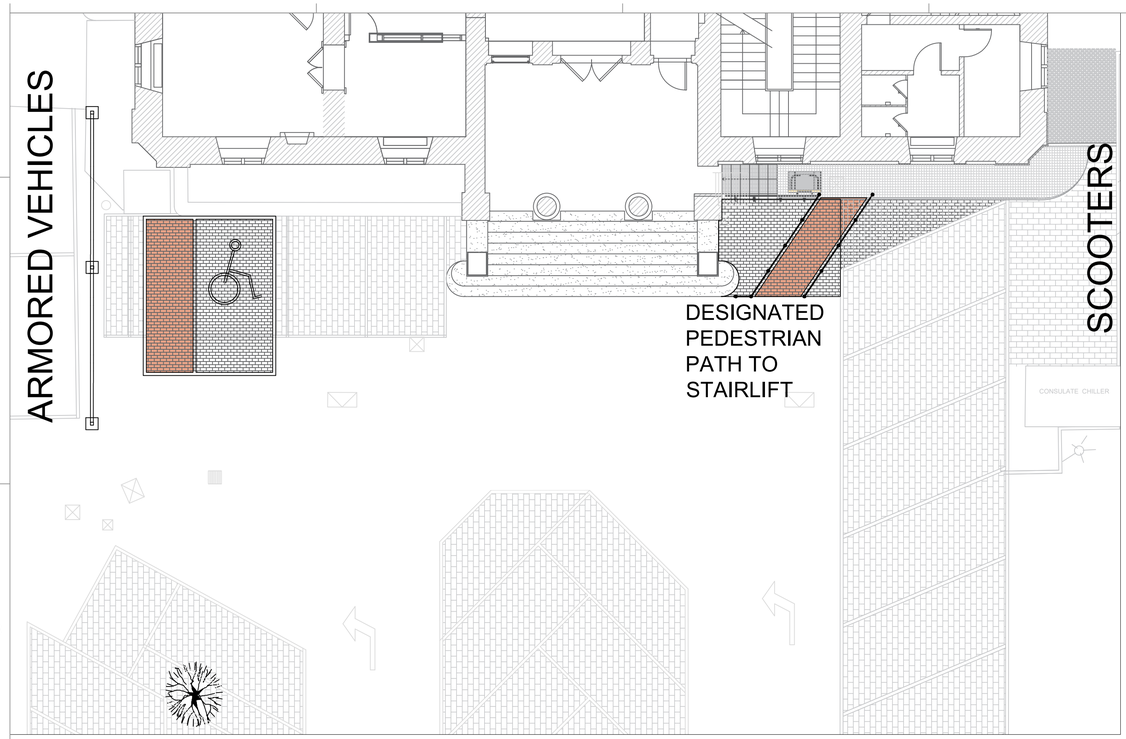
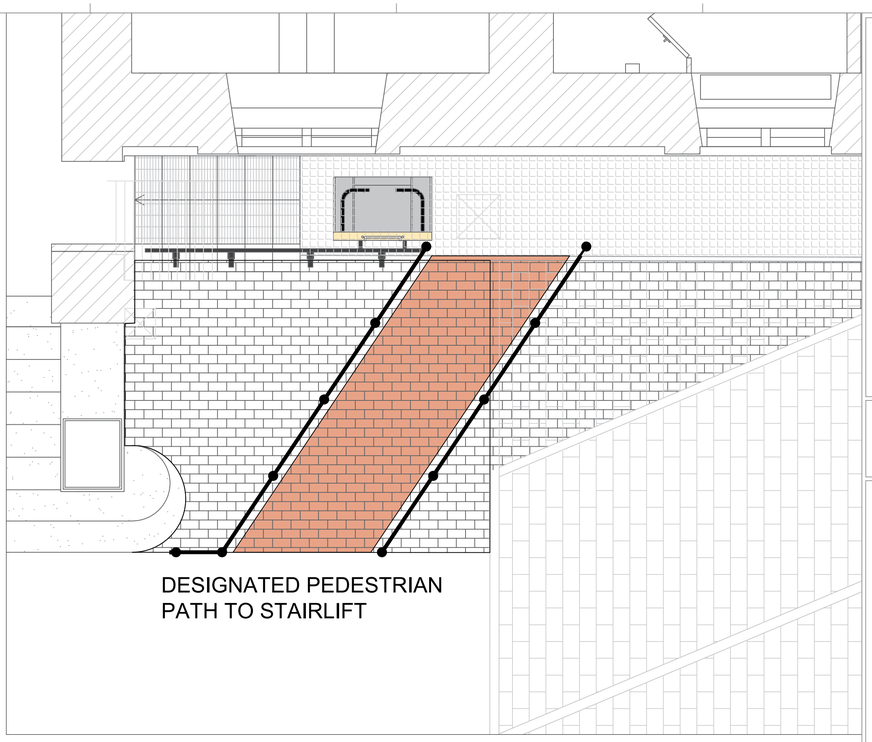
05/05/2025 Rev. 001




EMBASSY OF
THE UNITED STATES OF AMERICA
ROME ITALY

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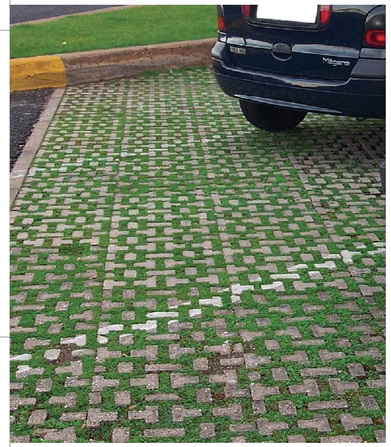
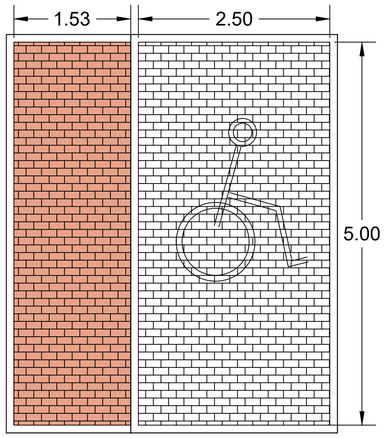


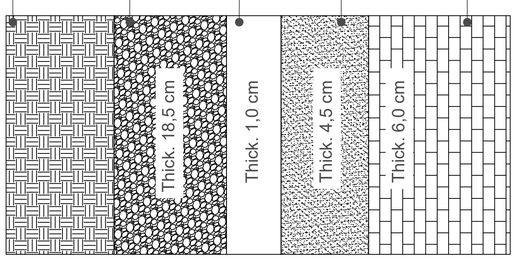
Existing pavers

## CAR ADA PARKING SPOT

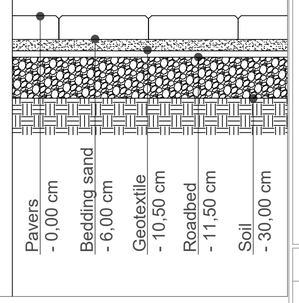



Measurement requested:
Wide 96 inch=244 cm
Aisle min 60 inch=152.5 cm

## STRATIGRAPHY SCHEME




## SECTION



Project pavers with different colors

Bollar

Project title:

ROME COMPOUND
ADA PARKING

FBO Project Number:

Property Number 1004

Drawing Title:

GROUND FLOOR PLAN
EXISTING CONDITION–PROJECT

FAC-Engineering 03/20/2026

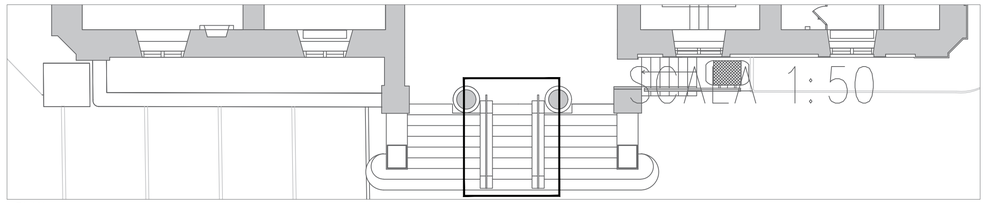
Issued for: Approval and Bidding

| REV.No. | Date | Revision | Approval |
|---|---|---|---|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |

Scale 1:100 AR 101

## CONSULATE BUILDING

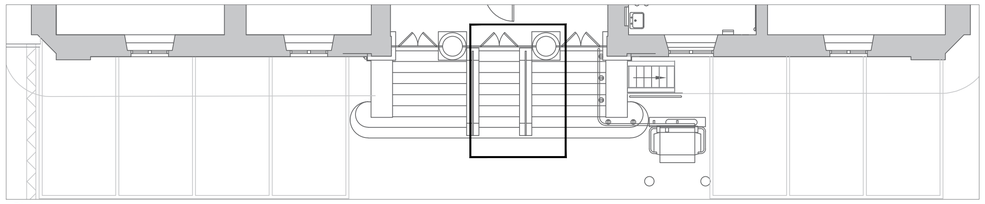
ELEVATION
SCALE 1:100



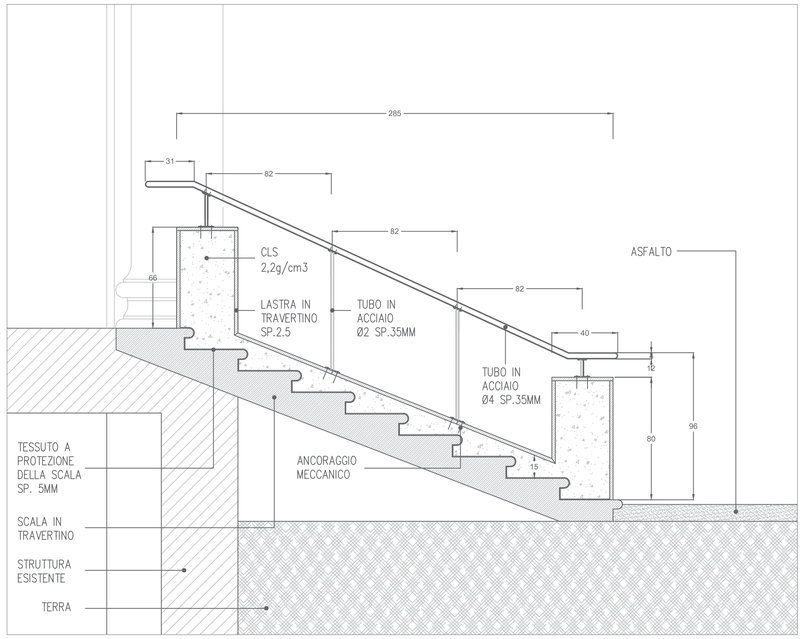

PLAN
SCALE 1:100

## USUN BUILDING

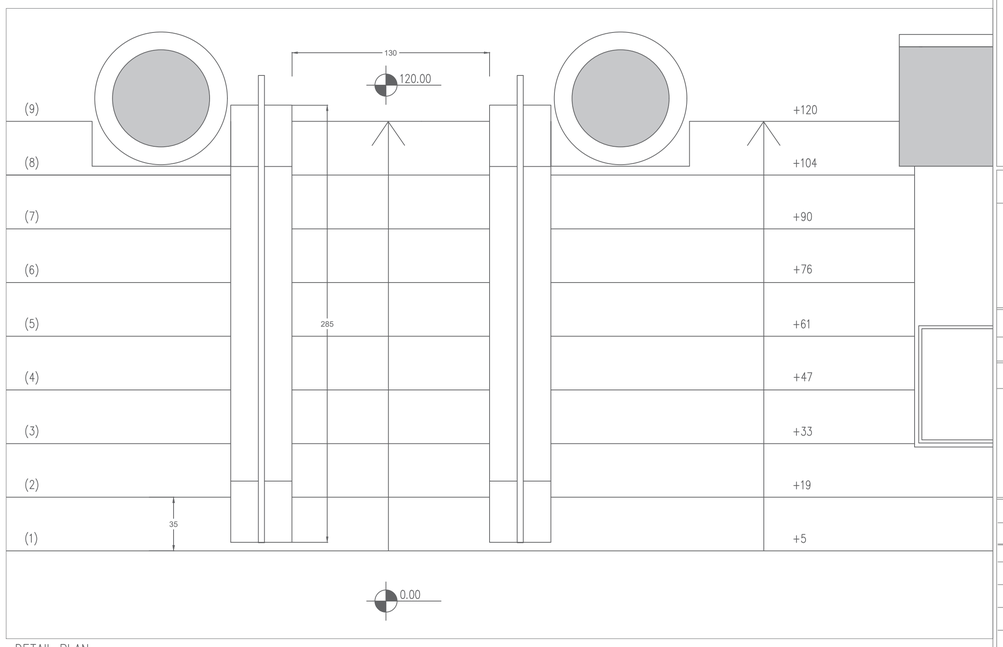
ELEVATION
SCALE 1:100



PLAN
SCALE 1:100




DETAIL SECTION
SCALE 1:10




DETAIL PLAN
SCALE 1:10

EMBASSY OF
THE UNITED STATES OF AMERICA
ROME ITALY

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Project title:

ROME COMPOUND
ADA PARKING

FBO Project Number:

Property Number 1004

Drawing Title:

HANDRAILS
CONSULATE AND USUN BLDG

FAC-Engineering 03/20/2026

Issued for: Approval and Bidding

| REV.No. | Date | Revision | Approval |
|---|---|---|---|
| 1 | | | |
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Scale 1:100 AR 102

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