



THE CITY OF KEY WEST

Post Office Box 1409
Key West, FL 33041-1409

ADDENDUM NO. 3 ITB 15-013 PROJECT CE1002 - CEMETERY SEXTON'S HOUSE

This addendum is issued as supplemental information to the bid package for clarification of certain matters of both a general and a technical nature. The referenced bid package is hereby addended in accordance with the following items:

Planholder RFIs:

1. All Building Exterior Doors and Windows Minimum Design Pressure Requirements:

Division 8A Hardwood Front Door and Transom (Base Bid), 2. Materials, b. Quality Standards: Add - Door does not have a minimum design pressure requirement, due to Division 8G Impact Storm Panels provide opening storm protection.

Division 8B Mahogany Front Door and Transom (Alternate No. 4), 2. Materials, b. Quality Standards: Add - Door minimum design pressure requirements per ASCE 7-10 and 2010 FBC are +43.1 / - 46.9 psf.

Division 8D Hollow Metal Doors and Frames, 1. General Requirements, h. Standards of Performance: Add - Door minimum design pressure requirements per ASCE 7-10 and 2010 FBC are +43.1 / - 46.9 psf.

Division 8F Windows, 2. Materials, b. Standards: Add - Window minimum design pressure requirements per ASCE 7-10 and 2010 FBC are + 45.1 / - 60.4 psf.

2. Exterior Wood Doors suggested Manufacturer and Model Type:

Division 8A Hardwood Front Door and Transom (Base Bid), 2. Materials, a. Materials: Add – Hardwood Front Door and Transom suggested manufacturing by Estate Millwork of Pittsburgh, Pennsylvania and a model type of Robert Adam or approved equal by owner.

Division 8B Mahogany Front Door and Transom (Alternate No. 4), 2. Materials, a. Materials:

Add - Mahogany Front Door and Transom suggested manufacturing by Caoba Doors of Philadelphia, Pennsylvania and model type of 8070 or approved equal by owner.

3. Hollow Metal Doors suggested Manufacturer and Model Type:

Division 8D Hollow Metal Doors and Frames, 2. Materials: Manufacturer specified as Currie Doors and Frames or approved equal by Owner. Add – Currie Systems suggested model series is 707 or approved equal by owner.

4. Transom Window suggested Manufacturer and Model Type:

Division 8A Hardwood Front Door and Transom (Base Bid), 2. Materials, d. Construction
2. Transom c. Glass: Clear, fixed 1/8” authentic divided lites. Add - Transom Window manufacturer shall be a supplier of the door manufacturer’s selection.

Division 8B Mahogany Front Door and Transom (Alternate No. 4), 2. Materials, d. Construction,
2. Transom c. Glass: Clear, fixed impact. Add – Transom Window manufacturer shall be a supplier of the door manufacturer’s selection which provides a window meeting minimum design pressures requirements per ASCE 7-10 and 2010 FBC of +43.1 / -46.9 psf.

5. Addendum No. 1 - ADA Ramp (Alternate No. 10) Structural Design:

Sheet 1 of 1: Replace Note 3: ADA Ramp Structural Design shall be per Drop Slab at Entrance Porch Design on Sheet S3 Detail 8/S3 meeting minimum slab edge and slab on grade thicknesses and reinforcing steel configuration.

6. Addendum No. 1 – ADA Ramp (Alternate No. 10) ADA Compliant Aluminum Handrail Specifications:

Division 5: Structural Steel and Miscellaneous Iron, A. General: Add - 9. Submittals: ADA Ramp (Alternate No. 10) Submit for the Owner’s representative’s approval manufacturer’s handrail system shop drawings.

Division 5: Structural Steel and Miscellaneous Iron, B Materials: Add - 4. ADA Compliant Handrails shall be constructed of 1 1/2” O.D. diameter Schedule 40 anodized aluminum double bar handrails as manufactured by Handi-Ramp of Libertyville, Illinois or approved equal by Owner.

Division 5: Structural Steel and Miscellaneous Iron, C Execution, 1. Fabrication: Add - g. ADA Compliant Handrails shall be fabricated and installed in compliance with the enclosed pages 4 – 6, Florida Accessibility Code for Building Construction Section 505 Handrails and manufacturer Handi-

Ramp of Libertyville, Illinois or approved equal by Owner anchoring recommendations.

7. Addendum No. 1 – ADA Ramp (Alternate No. 10) Fire Hydrant Relocation:

Sheet 1 of 1: Amend Note - 4: Contractor to coordinate *all activities* and pay *all associated costs* for a *complete* fire hydrant relocation *with sidewalk replacement* to provide a minimum of 3 foot clearance between the fire hydrant and ramp landing; *fire hydrant complete relocation not only inclusive of obtaining all permits, coordinating/performing all pedestrian/vehicle traffic control and coordinating/performing all civil/mechanical type functions.*

8. Prefabricated Column Rough Dimension Clarification:

Division 6E Prefabricated Columns, 1. General Requirements, 7. Manufacturer, b.: No Revision to original specification - Base Diameter shall be nominal 14” (13-5/8”). Neck diameter shall be 12”. Overall length of column shall be 9’-0”, delivered.

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 3 by submitting the addendum with their proposal. Proposals submitted without acknowledgement or without this Addendum may be considered non-responsive.

Signature

Name of Business

504.6 Handrails. Stairs shall have handrails complying with 505.

504.7 Wet Conditions. Stair treads and landings subject to wet conditions shall be designed to prevent the accumulation of water.

505 HANDRAILS

505.1 General. Handrails provided along walking surfaces complying with 403, required at *ramps* complying with 405, and required at stairs complying with 504 shall comply with 505.

Advisory 505.1 General. Handrails are required on ramp runs with a rise greater than 6 inches (150 mm) (see 405.8) and on certain stairways (see 504). Handrails are not required on walking surfaces with running slopes less than 1:20. However, handrails are required to comply with 505 when they are provided on walking surfaces with running slopes less than 1:20 (see 403.6). Sections 505.2, 505.3, and 505.10 do not apply to handrails provided on walking surfaces with running slopes less than 1:20 as these sections only reference requirements for ramps and stairs.

505.2 Where Required. Handrails shall be provided on both sides of stairs and *ramps*.

EXCEPTION: In *assembly areas*, handrails shall not be required on both sides of aisle *ramps* where a handrail is provided at either side or within the aisle width.

505.3 Continuity. Handrails shall be continuous within the full length of each stair flight or *ramp* run. Inside handrails on switchback or dogleg stairs and *ramps* shall be continuous between flights or runs.

EXCEPTION: In *assembly areas*, handrails on *ramps* shall not be required to be continuous in aisles serving seating.

505.4 Height. Top of gripping surfaces of handrails shall be 34 inches (865 mm) minimum and 38 inches (965 mm) maximum vertically above walking surfaces, stair nosings, and *ramp* surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and *ramp* surfaces.

Advisory 505.4 Height. The requirements for stair and ramp handrails in this code are for adults. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28 inches (710 mm) measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9 inches (230 mm) minimum, should be provided to help prevent entrapment.

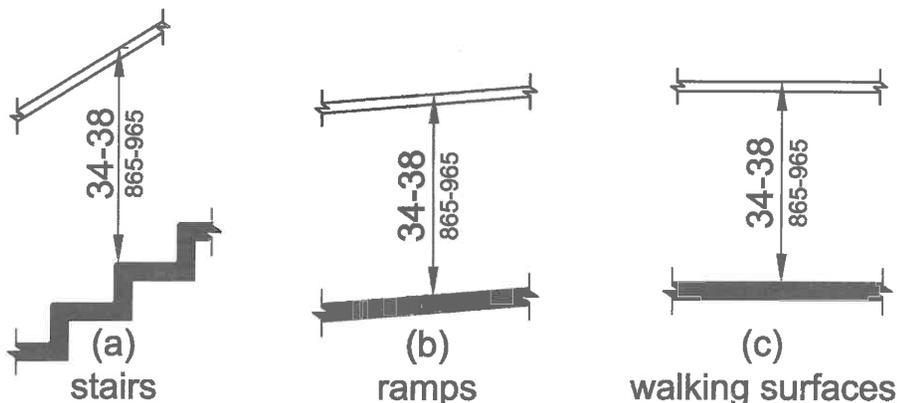
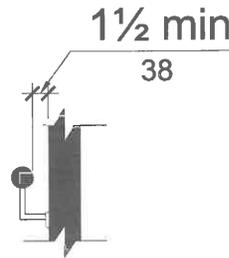


FIGURE 505.4
HANDRAIL HEIGHT

505.5 Clearance. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1½ inches (38 mm) minimum.



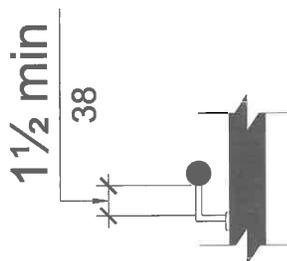
**FIGURE 505.5
HANDRAIL CLEARANCE**

505.6 Gripping Surface. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20 percent of their length. Where provided, horizontal projections shall occur 1½ inches (38 mm) minimum below the bottom of the handrail gripping surface.

EXCEPTIONS:

1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards.
2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8 inch (3.2 mm) for each 1/2 inch (13 mm) of additional handrail perimeter dimension that exceeds 4 inches (100 mm).

Advisory 505.6 Gripping Surface. People with disabilities, older people, and others benefit from continuous gripping surfaces that permit users to reach the fingers outward or downward to grasp the handrail, particularly as the user senses a loss of equilibrium or begins to fall.



**FIGURE 505.6
HORIZONTAL PROJECTIONS BELOW GRIPPING SURFACE**

505.7 Cross Section. Handrail gripping surfaces shall have a cross section complying with 505.7.1 or 505.7.2.

505.7.1 Circular Cross Section. Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1¼ inches (32 mm) minimum and 2 inches (51 mm) maximum.

505.7.2 Non-Circular Cross Sections. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches (100 mm) minimum and 6¼ inches (160 mm) maximum, and a cross-section dimension of 2¼ inches (57 mm) maximum.

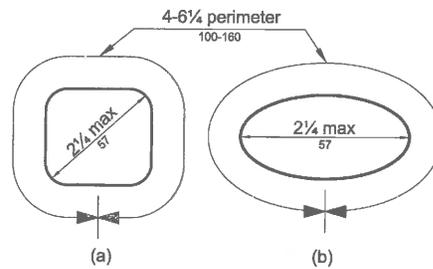


FIGURE 505.7.2
HANDRAIL NON-CIRCULAR CROSS SECTION

505.8 Surfaces. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive *elements* and shall have rounded edges.

505.9 Fittings. Handrails shall not rotate within their fittings.

505.10 Handrail Extensions. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights and *ramp* runs in accordance with 505.10.

EXCEPTIONS:

1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and *ramps*.
2. In *assembly areas*, extensions shall not be required for *ramp* handrails in aisles serving seating where the handrails are discontinuous to provide access to seating and to permit crossovers within aisles.
3. In *alterations*, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.

505.10.1 Top and Bottom Extension at Ramps. *Ramp* handrails shall extend horizontally above the landing for 12 inches (305 mm) minimum beyond the top and bottom of *ramp* runs. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent *ramp* run.

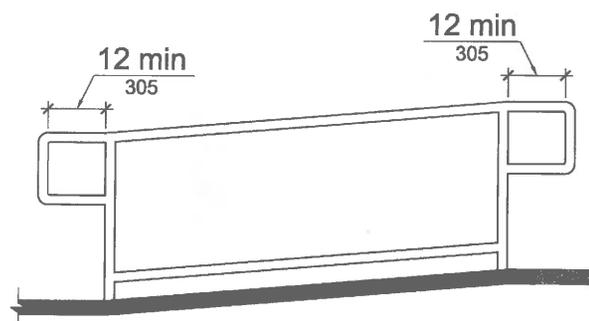


FIGURE 505.10.1
TOP AND BOTTOM HANDRAIL EXTENSION AT RAMPS

505.10.2 Top Extension at Stairs. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches (305 mm) minimum beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight.