

SPECIFIER GUIDE NOTE: This master specification section includes specifier notes identified as “SPECIFIER GUIDE NOTE”, plus the notes identified as “DOÖR Industries GUIDE NOTE”, for information purposes and to assist the specification writer in making the appropriate decisions. The specifier guide notes always immediately precede the text to which they refer. The section serves as a guideline only and should be edited with deletions and additions to meet specific project requirements.

SPECIFIER GUIDE NOTE: This specification section follows the recommendations of the Construction Specifications Institute (CSI) – Construction Specification Canada (CSC), Project Resource Manual including MasterFormat™, SectionFormat™, and PageFormat™. Optional text is indicated by square brackets [ ]; delete the optional text including the brackets in the final copy of the specification. Delete the SPECIFIER GUIDE NOTE in the final copy of the specification. Trade/brand names with appropriate product model numbers, styles and types are used in DOÖR Industries GUIDE NOTES and in the specification text Article or Paragraph titled “Acceptable Material”.

DOÖR INDUSTRIES GUIDE NOTE: Commercial and brand names with product model numbers, styles and appropriate styles will be used in the REMARKS from DOÖR Industries and in the article or paragraph pertaining to the characteristics and entitled “authorized material”.

## **PART 1            GENERAL**

### **1.01      SUMMARY OF WORK**

- A. This section describes preassembled indoor aluminum door frames; concealed door frames (non-apparent) on one or both sides of the partition wall in which they are installed. It describes the aluminum components of the frames and their parts, fixing systems, and accessories, as well as finishing. This section also describes workshop assembly of components. Frames are designed for devices that close an access opening with no fire protection rating.
- B. This section of the specifications describes their installation.

### **1.02      RELATED REQUIREMENTS**

SPECIFIER GUIDE NOTE: Include in this paragraph only those sections and documents that directly affect the work of this section. If a reader of this section could reasonably expect to find a product or component specified in this section, but it is specified elsewhere, then the related section number(s) should be listed in the paragraph below. Do not include Division 00 Documents or Division 01 Sections since it is assumed that all technical sections are related to all project Division 00 Documents and Division 01 Sections to some degree. Refer to other documents with caution since referencing them may cause them to be considered a legal part of the Contract. Edit the following paragraphs to suit specific project conditions.

- A. Section [08 12 00 – Metal Frames] [08 12 16 – Aluminum Frames].
- B. Section [08 14 00 – Wood Doors] [08 14 16 – Flush Wood Doors] [08 14 23 – Clad Wood Doors] [08 14 29 – Prefinished Wood Doors].
- C. Section [08 17 23 – Integrated Wood Door Opening Assemblies].
- D. Section [08 71 00 – Door Hardware].

SPECIFIER GUIDE NOTE: In the following article, include only those reference standards which appear in the finished version of the project specification.

### **1.03      REFERENCE STANDARDS**

- A. Aluminum Association (AA):
  - 1. DAF 45-03, Designation System for Aluminum Finishes.
- B. American Architectural Manufacturers Association (AAMA):
  - 1. AAMA CW-10-[12], Care and Handling of Architectural Aluminum from Shop to Site.

SPECIFIER GUIDE NOTE: Use the 2 following paragraphs when the aluminum frame has an anodized finish.

2. AAMA 609.1-[85], Voluntary Guide Specification for Cleaning and Maintenance of Architectural Anodized Aluminum.
3. AAMA 611-[12], Voluntary Specification for Anodized Architectural Aluminum.

SPECIFIER GUIDE NOTE: Select the appropriate paragraph depending on the finishing coat applied to the frame.

4. AAMA 2603-[02], Voluntary Specification, Performance Requirements and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels.
- C. American National Standard Institute (ANSI):
1. ANSI H35.1/H35.1M-[2013], Standard Alloy and Temper Designation Systems for Aluminum.
- D. ASTM International:
1. ASTM A653/A653M-[15e1], Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
  2. ASTM A924/924M-[16ae1], Standard Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process.
  3. ASTM B211M-[12e1], Standard Specification for Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric].
  4. ASTM B221M-[12], Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
  5. ASTM C954-[15], Standard Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs from 0.033 in. (0.84 mm) to 0.112 in. (2.84 mm) in Thickness.

SPECIFIER GUIDE NOTE: Use this paragraph for a project requiring LEED certification.

- E. [Canada] [US] Green Building Council ([CGBC] [USGBC]).
- LEED® NC version 2.2-[2009], LEED (Leadership in Energy and Environmental Design) : Green Building Rating System Reference Package For New Construction and Major Renovations.

#### 1.04 ADMINISTRATIVE REQUIREMENTS

- A. Coordination:
1. Coordinate the work for this section with the work of other trades to obtain a calendar and work schedule that are adapted to the project to avoid any construction delays.
  2. Coordinate the frame measurements with the rough openings in the drywall where they will be installed and with the doors that will be subsequently installed in the frames.

DÖRR INDUSTRIES GUIDE NOTE: The following article is for a **medium to large-scale project**; check with DÖRR INDUSTRIES for service availability from the manufacturer's technical representative for project services (scope and location).

- B. Pre-installation Meeting: Convene pre-installation meeting after Award of Contract and one week prior to commencing work of this Section to verify project requirements, substrate conditions and coordination with other building sub-trades, and to review manufacturer's written installation instructions.
1. Comply with Section 01 31 19 - Project Meetings and co-ordinate with other similar pre-installation meetings.
  2. Notify attendees 2 weeks prior to meeting and ensure meeting attendees include as minimum:
    - a. [Owner] [client];
    - b. [Consultant] [professional] concerned by the work;
    - c. Product installer for the current section;
    - d. Installer for the drywall covering;
    - e. Manufacturer's technical representative.

3. Make sure that the meeting agenda includes an assessment of the methods and procedures linked to the installation of pre-assembled frames before installing the plasterboard on the drywall partitions, followed by the installation of the interior doors within said frames, including coordination with related work.
4. Record installation steps in the meeting minutes, including any corrective measures and other required actions to guarantee proper execution of the work and distribute these instructions to each participant within a week after the meeting.

## 1.05 ACTION AND INFORMATIONAL SUBMITTALS

SPECIFIER GUIDE NOTE: Article below includes submittal of relevant data to be supplied by Contractor.

- A. Make submittals in accordance with Contract Conditions and Section 01 33 00 - Submittal Procedures.
  - B. Product Data:
    1. . Submit product data [for different models], [fact sheet or] [including manufacturer's literature] for preassembled door frames in coordination with interior doors and hardware.
    2. Submit the list of products and materials, components, and accessories to add to the preassembled door frame manufacturer's work.
    3. Include product names, types, and model number.
    4. Include manufacturer's coordinates [and representative for this project].
  - C. Shop drawings:
    1. Submit shop drawings for the different models of frames by indicating the following elements for each model: composition, assembly, finishing coat, cut-outs for openings, finishing hardware and any other useful element to prepare the preassembled frames in the workshop.
    2. Submit the shop drawings for the different frame models, indicating the following elements for each model: cross-section profile of aluminum profiles, connecting fittings, the position, and dimensions of the cut-outs for the hardware and any other element required to prepare the frames and their assembly in the workshop.
    3. Submit the dimensions of rough openings for the different preassembled frames and the net dimensions for the doors that will be installed within the frames to coordinate with the other trade professionals.
  - D. Schedule:
    1. In coordination with the sections cited in article 1.02 REQUIREMENTS of the current section, submit a schedule for doors, frames and finishing hardware.
    2. Use the same description and nomenclature as used in the drawings and charts for the doors, frames, and hardware for the project [consultant] [professional].
  - E. Samples:
    1. Submit 1 [300 x 600 mm] [12 x 24 inch] sample of a pre-assembled frame with a door installed with invisible hinges; door must be functional.
- DÖRR INDUSTRIES GUIDE NOTE: The following article is for a **medium to large scale project**; check with DÖRR INDUSTRIES for the manufacturer's technical representative's availability for the project (scale and localisation).
- F. Field Reports: Submit manufacturer's field reports within 3 days of each manufacturer representative's site visit and inspection.

## 1.06 CLOSEOUT SUBMITTALS

- A. Data: Supply all documents, controlled or not by the [consultant] [professional] with their updates so that they are incorporated into the manual indicated at Section [01 78 00 – Closeout Submittals] for the data concerning preassembled interior door frames, namely:
1. specifications or manufacturer’s documentation;
  2. workshop drawings;
  3. schedule for the frames, doors, and hardware, in coordination with other sections;
  4. installation instructions;
  5. instructions for care and workshop finishing;
  6. documents regarding the warranty specified in the article entitled “Warranty”.

SPECIFIER GUIDE NOTE: if LEED is not part of the project, remove the following paragraph entirely, as well as its sub-sections.

- B. Sustainable Design Closeout Documentation (LEED).
- .1 Provide calculations on end-of-project recycling rates, salvage rates, and landfill rates for work of this Section demonstrating percentage of construction wastes which were recycled.
  - .2 Submit verification from recycling facility showing receipt of materials.
- C. Record Documentation: In accordance with Section 01 78 00 - Closeout Submittals.
- .1 List materials used in the work of this section.

### **1.07 QUALITY ASSURANCE**

- A. Installer Quality Assurance: [Manufacturer’s approval of installer] [[2] years’ experience with work similar to this Section].
- B. Work sample: Execute a work sample, i.e. the installation of a pre-assembled hidden frame [on one side and] [on both sides] on a drywall partition using the procedures, materials and level of work quality proposed to meet the [consultant] [professional]’s prescribed requirements [in compliance with section 01 43 00 – Quality Assurance].
1. Objective: assess the quality of the work and of product and material installation on drywall partition, including joint finishing on the gypsum panel.
  2. Allow Consultant [24] hours minimum prior to inspect mock-up.
  3. Do not proceed with work prior to receipt of written acceptance of mock-up by Consultant.
  4. Once accepted, mock-up will demonstrate minimum standard of quality required for work in this Section.
  5. Approved mock-up will [not] be part of finished work.

SPECIFIER GUIDE NOTE: The following article, although not part of Quality Assurance, can be used to enhance the quality of materials by ensuring that they are delivered and handled properly at the work site and their installation.

### **1.08 DELIVERY, STORAGE, AND HANDLING**

- A. General: Deliver, handle and store products and materials on work site, in compliance with the recommendations contained in the standard AAMA CW-10 - Care and Handling of Architectural Aluminum from Shop to Site.
- B. Delivery Requirements: Deliver the interior door frame assemblies in manufacture’s original packaging with identification labels intact and in sizes to suit project.
- C. Storage and Handling Requirements:
1. Handle and store the products [comply with manufacturer’s instructions], off ground and protected from exposure to harmful weather conditions until installation.

2. Protect pre-assembled frames from direct sunlight and UV rays.

D. Packaging Waste Management:

SPECIFIER GUIDE NOTE: For smaller projects that do not have a separate section for waste management and disposal, delete the following paragraph.

1. Separate and recycle waste packaging materials in accordance with Section 01 74 19 - Construction Waste Management and Disposal.
2. Remove waste packaging materials from site and dispose of packaging materials at appropriate recycling facilities.

SPECIFIER GUIDE NOTE: For smaller projects that do not have a Waste Management Plan, delete the option referring to a Waste Management Plan.

3. Collect and separate for disposal paper and plastic material in appropriate on-site storage containers for recycling [in accordance with Waste Management Plan].

## 1.09 WARRANTY

- A. Contract Project Warranty: Refer to Contract Conditions (section [00 72 XX]) for contract project warranty provisions.

DÖRR INDUSTRIES GUIDE NOTE: Coordinate article below with manufacturer's warranty requirements, the model of contract used and its jurisdiction.

- B. Manufacturer's warranty: submit after the date of [Substantial Performance of the work (stipulated price contract CCDC 2-2008)] [conditional acceptance of the work by the [owner][contractor] [client] (contract within the province of Quebec), the manufacturer's standard warranty document [filled out, signed and] presented by an authorized representative of the company. The manufacturer's warranty is added to the legal warranty and does not limit any other rights that the [owner][contractor] [client] may have under the contract's general terms and conditions.

1. Warranty period: Warranty limited to a period of one (1) year starting on this date.

DÖRR INDUSTRIES GUIDE NOTE: coordinate the following paragraph with the warranty requirements, per the model of contract used and its jurisdiction.

1. Installer's guarantee: submit after the [substantial completion date of work (contract CCDC 2-2008)] [conditional acceptance of the work by the [owner][contractor] [client].
2. Warranty period: [1] year starting on this date.

## PART 2 PRODUCTS

### 2.01 MANUFACTURER

- A. Manufacturer : DÖRR Industries Inc., 1985, rue A.R. Décary, Quebec (Quebec), Canada G1N 3Z8;  
Phone : 1-418-683-0700, e-mail : [info@industriesdorr.com](mailto:info@industriesdorr.com) , URL : <http://www.industriesdorr.com> .

### 2.02 DESCRIPTION

- A. Aluminum door frames pre-assembled in workshop for INTEGRA SYSTEM interior doors from DÖRR Industries. Frames are made from an extruded aluminum profile and designed to install a swinging door with hinges concealed in the frame and edge, different models of frames for doors opening to the exterior or interior.
- B. The different models of aluminum profile frames are designed so that the swinging door is flush-mounted with one of the sides of the partition in which the preassembled door frame is installed. Depending on the thickness of the partition and on the model of frame, different aluminum frame profiles are designed to insert the gypsum panel on both sides of the drywall partition. Once the joints are finished, the aluminum door frame becomes concealed on one or both sides of the partition. Whether the swinging door is flush

with the partition surface and opens to the exterior or interior, the aluminum profile will be different for each of the following INTEGRA systems:

1. INTEGRA System series 1000: Frame to be installed in a light metal supporting structure of 92mm (3-5/8") wide, or a wooden structure of 89mm (3½") with a 15.9 mm (5/8")-thick plaster covering on each of the partition's surfaces.
2. INTEGRA System series 3000: Frame to be installed in a light metal supporting structure of 92mm (3-5/8") wide, or a wooden structure of 89mm (3½") with a 15.9 mm (5/8")-thick plaster covering on each of the partition's surfaces, plus a ± 6,4mm (¼")-thick covering on the exterior surface of the partition, requiring hinges for an exterior opening door.
3. INTEGRA System series 7000: Frame to be installed in a partition with a light metal frame, thicker or thinner than 92mm (3-5/8") or a wooden structure of 89mm (3½") with a 15,9mm (5/8")-thick plaster covering on each of the partition's surfaces.

C. Pre-assembled door frame kits have no fire-protection rating.

### 2.03 MATERIALS

A. Aluminum profile frames:

1. General instructions: Aluminum extruded profile in compliance with the ASTM B221M standard specification, alloy designation AA6063-T5 per standard specification ANSI H35.1/H35.1M; panel at least 2,0 mm-thick.
2. INTEGRA System series 1000 frames: Door frames are comprised of 2 profiles, 2 models, one opening toward the exterior and another one opening toward the interior; tubular profile comprised of several panels and a bar that fits at a 90° angle in an encasing groove in the first profile. Drywall frames with a 90 ± 3 mm metallic or wood frame on each side of the 15.9 mm gypsum board (panel with a nominal thickness of 122 ± 3mm before applying the finishing plaster covering).
3. INTEGRA System series 3000 frames: Like the INTEGRA System series 1000, except that, on top of the 15.9 mm plasterboard, there is a 6.44 mm decorative wall covering.
4. INTEGRA System series 7000 frames: Door frames are comprised of a single extruded profile, 2 models, one opening toward the exterior and another toward the interior; a tubular profile comprised of several panels. Partition frames with a 64 mm structure and more, with a plasterboard finish on the interior side that fits perpendicularly to the front side of the door frame.

### 2.04 HARDWARE

REMARK FROM DÖRR INDUSTRIES: Frames are prepared in a standard fashion, according to Simonswerk series Tectus 3D invisible hinges.

- A. Hinges: Invisible hinges designed to fit into the wooden door edge with a maximum mass of [80] [120] kg; Steel hinges with a satin chrome finish; hinges made from satin-chrome finished steel; door supports with maintenance-free ball bearings; adjustable hinges for all 3 axes [1 pair] [1½ pair] hinges per right hand or left hand opening door; chosen product: Simonswerk series Tectus 3DN hinges, following models:
  1. For the series 1000 and 7000 frames designed for standard swinging doors: n° TE 340 3D;
  2. For the series 3000 frames, for adjustable hinge swinging doors: n° TE 540 3D.
- B. Other finishing door hardware: [refer to section 08 71 00 – Door hardware] [and] [finishing hardware schedule for interior doors].

REMARK FROM DÖRR INDUSTRIES: Frames are prepared in a standard fashion for mortise Alban Giacomo spa (AGB) Polaris XT model locks with a built-in Easy-Fix XT latch box. Refer to the manufacturer's documentation to integrate other models of locks and latches to the Integra frame system.

**2.05 ACCESSORIES**

- A. Metalwork:
1. General components: Brackets and steel reinforcement parts, in compliance with the CSA G40.20/G40.21 38W standard, with galvanized zinc coating per ASTM A653/A653M - A20 standard (61gr/m<sup>2</sup>) and required for frame assembly; 2.54 mm (0.10")-thick plank.
  2. Connecting fittings for the aluminum profile frames: Flat L-shaped fittings, 104 x 104 x 26,5 mm wide, and 95 x 95 x 21,5 mm wide.
- B. Fixations: For steel frame structures, refer to the following paragraph. Check with the manufacturer before using another type of attachment screw. Adjust the paragraph per product specifications.
1. Screws for frame assembly: Carbon steel machine screw with zinc-covered finish; countersunk head flat 11,4mm Ø (7/16") screw for Phillips head screwdriver #2; 6.4mm Ø (¼") screw, 20 threads per inch, total length 9.8mm (3/8").
  2. Screws to assemble invisible hinges in the aluminum frames: As per standard ASTM C954, rustproof calibre 6 screws of required length, self-tapping (Tek) for steel up to 2.84 mm thick, flat Phillips Head #2 screws; product: n°2405 Scavenger Head Drywall Self Drilling screws from the Grabber Construction Product company or a substitute product deemed equivalent by the [consultant] [professional].
  3. Screws to assemble metallic frames: In compliance with standard ASTM C954, rustproof calibre 8 screws of required length, self-tapping (Tek) for steel up to 1.89 mm thick, flat, mushroom-head or modified wide (PTH) Phillips Head #2 Screws.
  4. Screws to affix frames to a wooden structure: steel carbon wood screw with zinc finish or Climatek, mushroom head 9.8 mm Torx or quadrex screw, n° 8 partially threaded, wide thread shaft (10 threads per inch), type 17 shaft, at least 32 mm long; acceptable products: Discreet cabinet screw from GRK Fasteners or equivalent substitute product.

**2.06 SHOP FINISH**

- A. Aluminum for frames:
1. Color and paint finish: Pigmented organic baked-on paint per standard AAMA 2603; finishing system: Duracron from PPG or a substitute product of the same or higher quality; colors chosen by the [consultant] [professional] from the frame manufacturer's standard selection.

**2.07 FRAMES MANUFACTURING, PREPARATION, AND ASSEMBLY**

- A. Cut the pre-finished extruded profiles to the required lengths so the assembly joints are tight.
- B. In the frame, using aluminum piercing and cutting jigs, make the openings for the invisible hinges at the appropriate places, proceed with openings to install the invisible hinges in the aluminum door jam on one side, and on the other side for the latch for the lock to be installed.
- C. Assemble the mitered door frames by inserting 2 metal hardware fittings of appropriate dimensions into the grooves in the aluminum profile of each different frame model. Make sure to align before assembling, and attach with 4 screws.
- D. To hold the frames solidly and squarely in place, install strips of [plywood] [particle board] [OSB] by attaching them with the appropriate screws, like the ones to attach frames to metallic structures.
- E. Cover the pre-finished aluminum frames to protect them during manipulation, transportation, and installation.

**PART 3 EXECUTION****3.01 EXAMINATION AND VERIFICATION**

- A. Check and make sure that atmospheric conditions are adequate for the installation of [pre-assembled] wooden doors.
- B. Make sure that the partition structure in which the pre-assembled frames will be installed has been inspected and certified compliant or accepted by [the consultant] [the professional] [contractor] regarding the following aspects, or request that these verifications be done:
  - 1. The location of the partitions and their openings;
  - 2. The different measurements for the rough openings;
  - 3. Alignment of the partition structures and their sides.
- C. If any unacceptable conditions are discovered, please immediately inform the contractor and the [consultant] [professional] of said discrepancies so that the appropriate corrective measures can be taken.
- D. Install products only when any unacceptable conditions or situations have been corrected [and after receipt of written order to proceed with product installation] by the [consultant] [professional].

### 3.02 FRAME INSTALLATION

**REMARK FROM DÖRR INDUSTRIES:** Watch the installation video for an INTEGRA system series 100 door on our website at <http://www.industriesdorr.com/index.php/fr-ca/categories-2/cadres-integra/integravideoinstallation>.

- A. Handle and install the pre-assembled frames per the manufacturer's written instructions.
- B. For all the frame series, insert the pre-assembled frame into the rough opening in the partition structure, until the exterior flap fits flush to the wall structure.
- C. Align the door jam, starting from the top exterior side, affix the frame by its flap with the appropriate self-tapping screws for the partition structure (wood or light metal). Position the fixation screws level with the hinges at 100 mm from their extremities and at a maximal position of 400 mm; On the top of the frame, affix at 100 mm of each extremity, and in the center.
- D. Remove all temporary spacing strips from this side of the frame. Check alignment and squaring of frames, and adjust if required.
- E. For the 7000 series frame, interior side, place the plastic or wood shims of appropriate width between the frame and door jam and the partition support structure and assemble with the appropriate screws (type and length) installed in the wall structure up to 15 mm into the aluminum profile or metallic wall support structure.
- F. For series 1000 and 3000 frames, on the other side of the frame (interior side), starting from the top and hinge side, insert the first removable tab at a 90° angle on the frame until it is locked into position level with the hinge, then secure it with the appropriate self-tapping screws. Repeat for the 3 other tabs, on hinge side, then on latch side, finishing with the top of the frame.
- G. Remove all temporary spacing and squaring strips from the pre-assembled frame by removing their screws.
- H. After checking gaps and alignment, request that the frame be inspected to accept its position before finishing the plaster surface on both sides of the partition and finishing the joints by bridging them with joint tape.

### 3.03 HARDWARE INSTALLATION

**SPECIFIER GUIDE NOTE:** Whether finishing hardware is described in this section or in Section 08 71 00, select one of the following paragraphs.

- A. For the installation of other pieces of hardware, please refer to [Section 08 71 00 – Door hardware] [or] [to the note regarding interior door finishing hardware].
- B. Install locks, latches and other finishing hardware pieces on doors per respective manufacturer's instructions.
- C. Adjust hardware pieces for normal and smooth movement of the swinging door.

### 3.04 MANUFACTURER'S SERVICES



**REMARK FROM DÖRR INDUSTRIES:** Use the following paragraphs only when manufacturer field services are provided and are required to verify the quality of installed components. Establish the number and duration of periodic site visits required by the manufacturer, and specify below. Consult manufacturer for services required. Delete if field services are not required.

- A. Coordinate manufacturer's services with Section [01 45 00 - Quality Control].
- B. Have manufacturer review work involved in handling, installation, protection, and cleaning of pre-assembled door kits, their frames, and finishing hardware, and submit written reports in an acceptable format to verify that the work complies to contract conditions.
- C. Manufacturer's field services: Provide manufacturer's field services consisting of product use recommendations and periodic site visits for product installation review in accordance with manufacturer's instructions.
- D. Report any inconsistencies from manufacturer's recommendations and instructions immediately to the contractor, [the owner] and consultant.
- E. Schedule site visits to review work at stages listed:
  - 1. After product delivery and storage, and when the preparatory work (erecting the partition frames) required for this section is finished, but before product installation.
  - 2. Twice during progress of work at 25% and 60% completion.
  - 3. Upon completion of work, after cleaning is carried out.
  - 4. Three days after the site visit, supply work inspection reports to the contractor. Submit them immediately to the [consultant] [professional].

### **3.05 PROTECTION**

- A. Protect installed products and components from damage during construction.
- B. Repair damage to adjacent materials caused by water-resistive barrier installation.

### **3.06 CLEANING**

**REMARK FROM DÖRR INDUSTRIES:** For smaller projects that do not have a separate Division 01 Section for cleaning, delete the reference to Section 01 74 00 – Cleaning in the following two paragraphs.

- A. Progress cleaning: Perform cleanup as work progresses [in accordance with Section 01 74 00 - Cleaning and Waste Management].
- B. Leave work area clean at the end of each day.
- C. Final Cleaning: Upon completion, remove surplus materials, rubbish, tools, and equipment [in accordance with Section 01 74 00 – Cleaning and Waste Management].
- D. Waste Management:
  - 1. Co-ordinate recycling of waste materials with Section 01 74 19 - Construction Waste Management and Disposal.
  - 2. Collect recyclable waste and dispose of, or recycle field-generated construction waste created during construction or final cleaning related to the work in this section.

**END OF SECTION**