

# ***Nurse Call Audio - Visual***

## Series 7000 Telephone & Intercommunication Equipment Architectural Specs

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*This document specifies nurse call equipment using lamp and electronic tone annunciation along with two way voice communication at a central annunciator station to register calls from patient and other call-in stations as distributed by Cornell Communications, Inc., Milwaukee, WI.  
(Specifier Notes are for clarification and should be removed from the final document)*

### **PART 1 GENERAL**

#### **1.01 SUMMARY**

- A. Section Includes:** Nurse Call equipment using lamp and electronic tone annunciation along with two way voice communication at a central annunciator station to register calls from patient and other call-in stations.

Specifier Note: Revise paragraph below to suit project requirements. Add section numbers and titles per CSI Master Format and specifier's practice.

- B. Related Sections:** Section(s) related to this section include:

1. Electrical: Division 16 Electrical Sections.

Specifier Note: Article below may be omitted when specifying manufacturer's proprietary products and recommended installation. Retain Reference Article when specifying products and installation by an industry reference standard. If retained, list standard(s) referenced in this section. Indicate issuing authority name, acronym, standard designation, and title. Establish policy for indicating edition date of standard referenced. Conditions of the Contract or Division 1 References Section may establish the edition date of standards. This article does not require compliance with standard, but is merely a listing of references used. Article below should list only those industry standards referenced in this section.

#### **1.02 REFERENCES**

- A. General:** Standards listed by reference, including revisions by issuing authority, form a part of this specification section to extent indicated. Standards listed are identified by issuing authority, authority abbreviation, designation number, title or other designation established by issuing authority. Standards subsequently referenced herein are referred to by issuing authority abbreviation and standard designation.

**B. Underwriters Laboratories, Inc.:**

1. UL 1069 Hospital Signaling and Nurse Call Equipment.

**C. National Fire Protection Association (NFPA):**

1. NFPA 70 National Electrical Code. Applicable portions pertaining to installation of Class 2 Power-Limited type systems and associated wiring.

**D. Federal Communications Commission (FCC):**

1. Complies with the limits of FCC Class **B**, pursuant to Part 15 of the FCC Rules.

### 1.03 SYSTEM DESCRIPTION

- A. Performance Requirements:** Provide nurse call equipment, which has been manufactured and installed to maintain performance criteria stated by manufacturer without defects, damage or failure.

Specifier Note: Article below includes submittal of relevant data to be furnished by contractor before, during, or after construction. Coordinate this article with Architect's and Contractor's duties and responsibilities in Conditions of the Contract and Division 1 Submittal Section.

### 1.04 SUBMITTALS

- A. General:** Submit listed submittals in accordance with Conditions of the Contract and Division 1 Submittal Procedures Section.
- B. Product Data:** Submit product data, including manufacturer's product sheet, for specified products.
- C. Shop Drawings:** Submit shop drawings showing layout, profiles and product components, including anchorage and accessories. Include cabling diagrams, wiring diagrams, station installation details, and equipment cabinet details.
- D. Quality Assurance Submittals:** Submit the following:
1. Manufacturer's Instructions: Manufacturer's installation instructions.

Specifier Note: Coordinate paragraph below with Part 3 Field Quality Requirements Article herein. Retain or delete as applicable.

4. Manufacturer's Field Reports: Manufacturer's field reports specified herein.

**E. Closeout Submittals:** Submit the following:

1. **Operation and Maintenance Data:** Operation and maintenance data for installed products in accordance with Division 1 Closeout Submittals (Maintenance Data and Operation Data) Section. Include methods for maintaining installed products and precautions against cleaning materials and methods detrimental to finishes and performance. Include troubleshooting guide, wiring terminal identification and equipment parts list.
2. **Warranty:** Warranty documents specified herein.

## 1.05 QUALITY ASSURANCE

- A. Installer Qualifications:** Installer experienced in performing work of this section who has specialized in installation of work similar to that required for this project.

Specifier Note: Paragraph below should list obligations for compliance with specific code requirements particular to this section. General statements to comply with a particular code are typically addressed in Conditions of the Contract and Division 1 Regulatory Requirements Section. Repetitive statements should be avoided.

- B. Regulatory Requirements:** [Specify applicable requirements of regulatory agencies.]
- C. Pre-installation Meetings:** Conduct pre-installation meeting to verify project requirements, substrate conditions, manufacturer's installation instructions, and manufacturer's warranty requirements. Comply with Division 1 Project Management and Coordination (Project Meetings) Section.

## 1.06 DELIVERY, STORAGE & HANDLING

- A. General:** Comply with Division 1 Product Requirements Sections.
- B. Ordering:** Comply with manufacturer's ordering instructions and lead-time requirements to avoid construction delays.
- C. Delivery:** Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
- D. Storage and Protection:** Store materials protected from exposure to harmful weather conditions and at temperature and humidity conditions recommended by manufacturer.

Specifier Note: Coordinate article below with Conditions of the Contract and with Division 1 Closeout Submittals (Warranty) Section.

## 1.07 WARRANTY

- A. **Project Warranty:** Refer to Conditions of the Contract for project warranty provisions.
- B. **Manufacturer's Warranty:** Submit, for Owner's acceptance, manufacturer's standard warranty document executed by authorized company official. Manufacturer's warranty is in addition to, and not a limitation of, other rights Owner may have under Contract Documents.

Specifier Note: Coordinate paragraph below with manufacturer's warranty requirements.

1. Warranty Period: [Specify term.] years commencing on the Date of Substantial Completion.

Specifier Note: Article below is a combination of two CSI Section Format article titles.

### 1.08 OWNER'S INSTRUCTION

- A. **Owner's Instruction:** Instruct Owner's personnel in operation and maintenance of installed units. Provide manufacturer's installation, operation, and maintenance instructions for installed units.

Specifier Note: Coordinate article below with Division 1 Closeout Submittals (Maintenance Materials) Section.

### 1.09 MAINTENANCE

- A. **Extra Materials:** Deliver to Owner extra materials from same production run as products installed. Package products with protective covering and identify with descriptive labels. Comply with Division 1 Closeout Submittals (Maintenance Materials) Section.

Specifier Note: Revise paragraph below specifying items and percentage as required for projects.

1. Quantity: Furnish quantity of lamps for corridor dome lights and zone light units equal to 20% of amount installed.
2. Delivery, Storage, and Protection: Comply with Owner's requirements for delivery, storage, and protection of extra materials.

## PART 2 PRODUCTS

Specifier Note: Retain article below for proprietary method specification. Add product attributes, performance characteristics, material standards, and descriptions as applicable. Use of such phrases as "or equal" or "or approved equal", or similar phrases may cause ambiguity in specifications. Such phrases require verification (procedural, legal and regulatory) and assignment of responsibility for determining "or equal" products.

## 2.01 NURSE CALL EQUIPMENT

Our 7000 series audio-visual nurse call system is not only tested at our factory, but time proven in the field. With any nurse call system, adaptability will ensure it meets the individual needs of the facility. Cornell has designed a wide variety of standard products in configurations that will meet the unique requirements of any organization. All Cornell equipment is made with service in mind. Corridor lamps can be changed without tools and electronic controls. Cornell's system installs with a minimum of wires, but not at the expense of reliability.

### A. **Distributor:** Cornell Communications, Inc.

Specifier Note: Paragraph below is an addition to CSI Section Format and a supplement to MANU-SPEC. Retain or delete paragraph below per project requirements and specifier's practice.

1. Contact: 7915 N 81<sup>st</sup> St., Milwaukee, WI 53223-3830;  
Telephone: 800- 558-8957; (414) 351-4660; Fax: (414) 351-4657.

### B. **Proprietary Product(s)/System(s):** Cornell 7000 Series Nurse Call System.

1. Product(s)/System(s) Testing: System electrical components, devices and accessories shall be listed and labeled according to UL 1069 as defined in NFPA 70, Article 100, by testing agency acceptable to authorities having jurisdiction, and marked for intended use.

Specifier Note: Edit article below to suit project requirements. If substitutions are permitted, edit text below. Add text to refer to Division 1 Project Requirements (Product Substitutions Procedures) Section.

## 2.02 PRODUCT SUBSTITUTIONS

### A. **Substitutions:** No substitutions permitted.

## 2.03 CORNELL 7000 NURSE CALL SYSTEM AND COMPONENTS

### A. **Master Station:** Manufacturer's standard Direct-select type. Model: [A-7050]

Nurse Call Console shall be Cornell model A-7050, constructed of high-impact ABS fire-retardant plastic, with handset, OFF, TALK, and TONE OFF controls. Power LED indicator shall be visible at all times. Channel selectors and call LEDs shall be displayed on master console in vertical rows of 10 stations. Membrane-style control panel shall be constructed of a mar-resistant and moisture-resistant material over tactile select switches. Control and selector points shall be slightly raised for easy tactile activation.

Nurse Call Console shall produce two distinct audible alert tones, indicating a routine or bathroom call. A third alert tone shall indicate cord-out status. A warning tone shall

indicate a room station disconnected from the system. If the handset is left off-hook for more than 90 seconds, a warning tone shall be heard. If a call is not answered within 90 seconds, the call tone volume shall go to its highest level, regardless of setting.

A 30-call add-on selector, model A-7030ADD, shall be available to expand the system capacity to 80 room stations. No additional wiring to the master station shall be required.

Wiring to Central Control Unit shall be 5 twisted pair low capacitance cable with an overall shield. Cable size greater than 22AWG shall not be acceptable.

Physical size of the 50-call master station shall not exceed 3-1/4" x 11" x 8-1/4".

**Physical weight of the 50-call master station with 30-call add-on shall not exceed 4.0 lbs.**

Equipment shall be UL 1069 listed, and system components shall be provided by a manufacturer having ISO 9001 certification for quality standards.

**B. 50 – 80 Master Station Expander:** Manufacturers' Model: [A-7030ADD]

When more than 45 Individual Rooms / Stations are anticipated on any specified System:

(1) Model A-7030ADD shall be added to each affected A-7050 Console

(1) Model NC-730 shall also be added to each corresponding Model NC-780 Central Control Unit.

Add-on selector for the Nurse Call Console shall be Cornell model A-7030ADD, constructed of high-impact ABS fire-retardant plastic, with 30 station selectors, LEDs, and directory.

Channel selectors and call LEDs shall be displayed on console in vertical rows of 10 stations. Membrane-style control panel shall be constructed of a mar-resistant and moisture-resistant material over tactile select switches. Selector points shall be slightly raised for easy tactile activation.

Tones from calls received on add-on selector shall be heard from master station, indicating a routine or bathroom call. A third alert tone shall indicate cord out status.

When the add-on selector is included, the NC-730 Expansion Trunk Card, available separately, shall be installed in the NC-780 Central Control Unit.

Connection to the system shall be via multi-pin connectors plugged into A-7050 Nurse Call Console, and a mounting bracket securing the units together.

Physical size of the 30-call add-on selector shall not exceed 2-5/16" x 3-9/16" x 8-1/4".

Equipment shall be UL 1069 listed, and system components shall be provided by a manufacturer having ISO 9001 certification for quality standards.

**C. Bedside Stations:** Manufacturer's standard [B-711 or B-722] bedside station design.

Patient station shall be Cornell model B-711 for one bedside call cord, or B-722 for two bedside call cords, constructed of high-impact ABS fire retardant plastic, with speaker/mic, CANCEL button, red CALL LED, and green TALK LED.

Call initiated from bedside call cord shall annunciate a routine call at the master station. Amber / White corridor lamp shall illuminate, remaining steadily lit until the call is answered at the master or reset at the patient station. Call LED shall remain lit at the patient station until the call is answered or reset.

When master station answers the call, the TALK LED shall illuminate (green). Communication is hands free at the patient station.

In the event that a bedside call cord is removed from the patient station, a fast call tone shall be heard at the master station, and the Amber / White corridor lamp shall flash white. To reset the call, the call cord must be reinserted into the jack. If no bedside call cord is being used, a dummy plug (NHR-DP) shall be inserted into call jack for proper system operation.

Wiring to CCU shall not exceed 3 twisted pair if no zone indicator light is included, or 3 twisted pair plus one wire if a zone indicator light is used. Cable size greater than 22AWG shall not be acceptable.

Physical size of the patient station shall not exceed 4-3/4" high by 4-9/16" wide, and shall flush mount into a standard 2-gang electrical box.

Equipment shall be UL 1069 listed, and system components shall be provided by a manufacturer having ISO 9001 certification for quality standards.

**D. Call Cords:** Manufacturer's standard [SW-707B] call cords.

The contractor shall furnish and install CORNELL Call Cords for use with the CORNELL Audio Nurse Call System. The polyvinyl cables shall be 7' long and be attached to the molded plastic housing enclosing momentary contact push buttons. The entire apparatus shall be shockproof, and must withstand normal washing and sterilization. Right angle phone plugs and bedding clips shall be included. The call cord pendant is not intended for use in oxygen atmospheres.

**E. Emergency Stations:** Manufacturer's standard [E-704] emergency station.

Bathroom/urgent call station shall be Cornell model E-704, equipped with locking vertical slide call switch, nylon cord with pendant, and LED "call placed" indicator. Call station shall be waterproof, constructed with 1- piece rugged fire-retardant ABS plastic. Nylon

cord shall be durable, and able to activate a call-in signal by pulling the cord in any direction.

E-704 shall be used to place an urgent call associated with the patient station or common area call station. Call shall be reset only at the calling station by moving the call switch to the upward position.

Wiring shall be 3 conductors, run from associated patient station or common area call station. Cable size greater than 22AWG shall not be required. Unit shall semi-flush mount onto industry-standard 1-gang boxes and/or rings.

Equipment shall be UL 1069 listed.

**F. Duty Stations:** Manufacturer's standard [D-711] Duty station.

Duty station shall be Cornell model D-711, constructed of high-impact ABS plastic, with speaker, TONE OFF button, and red CALL LED.

A call from a bedside station shall announce a slow intermittent tone on the duty station, and a slow blinking LED. A call from a bathroom station shall announce a faster intermittent tone and faster blinking LED. If a bedside call cord is pulled out, the tone and light shall be heard and seen at an even faster rate.

Pressing the TONE OFF button shall mute the call tone at the duty station. If the call is not answered or reset within 90 seconds, the tone shall resume. If TONE OFF is pressed again, tone shall not resume until the next call is placed on the system. The CALL LED shall remain lit as long as there are any unanswered calls on the system.

Wiring to Central Control Unit shall not exceed 3 twisted pair with an overall shield. Cable size greater than 22AWG shall not be acceptable. Physical size of the duty station shall not exceed 4-3/4" high by 4-9/16" wide, and shall flush mount into a standard 2-gang electrical box.

Equipment shall be UL 1069 listed, and system components shall be provided by a manufacturer having ISO 9001 certification for quality standards.

**G. Corridor Lights:** Manufacturer's standard [L-702] corridor lights.

Dual-Segment corridor lamp shall be Cornell model L-702, constructed of high-impact ABS plastic, with two LED-Illuminated Segments (amber, red) and removable lens cover. A call from a bedside station shall activate the Amber Segment (RDG), remaining steadily lit until the call is answered or reset. A call from a bathroom station shall activate the Red Segment (RDG), flashing continually until reset at the calling station. If a bedside call cord is pulled out, the Amber Segment shall flash until the cord is reinserted into the jack.

Wiring shall be 3 conductors, run from the associated patient station. Cable size greater than 22AWG shall not be required. Physical size of the corridor lamp shall

not exceed 4-3/4" high by 2-3/4" wide, and shall mount on a standard 1-gang electrical box.

Equipment shall be UL 1069 listed.

**H. Zone Lamp:** Manufacturer's standard [Z-704] Zone Lamp

4-zone indicator light shall be Cornell model Z-704, constructed of 22AWG steel, powder-coated, with four bulbs and four removable lens covers.

Each lamp within the Model Z-704 shall indicate the status of up to four corresponding Zones, as defined elsewhere within the project plans and specifications.

A routine, urgent, or cord-out trouble call from any station in a zone wired for zone light control shall activate the corresponding zone lamp. When there are no calls placed on a given zone, the zone lamp shall be off.

The system shall accommodate up to four zone lights per system, and the lamp for each zone shall light steadily on all zone lights in the system. Physical size of the zone light shall not exceed 17-5/8" x 4-3/4", and shall mount on a standard 5-gang electrical box or directly onto a ceiling or wall.

Wiring to zone light shall be 5 conductors from the Central Control Unit. 18AWG wire shall be used. Up to two (2) zone lights shall be powered from one (1) P-5242. A maximum of four (4) zone lights shall be installed in a system.

Equipment shall be UL 1069 listed.

**I. Power Supply:** Manufacturer's standard [P-5242] power supply.

The contractor shall furnish and install (2) CORNELL P-5242 Power Supplies, for use with the CORNELL Series System.

These Power Supplies shall be installed immediately adjacent to the Central Control Unit wherever it is practical to do so. When installed elsewhere, they shall be suitably labeled and their location shall be noted in a permanent manner within the corresponding Central Control Unit. ADD (RDG)

Each such Power Supply shall have a rated Output of 24 Volts DC at 2 Amps

Local Disconnect feature shall be provided by means of a 6-foot AC Line Cord with a standard 2-conductor polarized plug for connection to a nearby 120 VAC Outlet.

Each such Power Supply shall include a suitable Surface-Mount Wall Bracket, which shall allow each Power Supply to be mounted near to the associated Central Control Unit and Outlet. This bracket shall permit quick removal and re-installation of an affected Power Supply for testing and change-outs.

Each Power Supply shall be connected to the Central Control Unit via (3) #18 AWG (minimum) conductors.

**J. Central Control Unit:** Manufacturer's standard [NC-780] central control unit

(1) Central Control Unit shall be provided for each required Nurse Call System.

Central Control Unit shall be Cornell model NC-780. The Central Control Unit shall consist of a Panel / Enclosure, which shall enclose all of the required processing, audio, and field termination equipment for each specified system, with front-mounted indicators and a Power Switch for indication of essential functions.

Equipment contained within each Central Control Unit shall include, but shall not be limited to the following:

- Fire retardant ABS plastic enclosure
- Front-Mounted ON / OFF Switch
- Green "Power On" indicator LED, visible from Front
- Concealed Programming and diagnostic Switches and LEDs
- Processor Board
- Termination Boards for Field Wiring
  - Separate, field-replaceable Circuit Board Assemblies for:
    - Trunks, Console & Duty Station, Power & Zone Lamps
  - Each such board shall be designed such that typical field wiring faults will normally be prevented from affecting the Processor Board
- Interconnect wire harnesses

Base System capacity shall be 50 call stations.

Where any specified system will exceed 45 Stations / Rooms – the corresponding 50-to-80 Station Expanders shall be added (Model NC-730 within the Central Control Unit and Model A-7030ADD to the Nurse Console).

All system functions shall be controlled from NC-780, including call signaling, communication (one audio channel), duty station, and zone light control. The NC-780 shall detect if any patient station becomes disconnected from the system or if the handset is left off-hook for more than 90 seconds, and shall send a warning tone to the master and duty station.

All system wiring shall be terminated inside NC-780 with screw-less wire connectors. Each trunkage line from Central Control Unit shall contain up to 10 call stations, wired in a daisy-chained fashion. System shall have a maximum of eight (8) trunkage lines. Master station, duty station, 4-zone indicator light, and power supplies shall be wired directly to NC-780.

Physical size of the Central Control Unit shall not exceed 18-1/8" x 13-3/8" x 3-7/8".

Mounting options for each NC-780 shall include the following:

- Surface-mount with surface-mounted, secured wiring – for installation within designated utility spaces (electrical / equipment rooms, etc.)

Surface-mount with concealed wiring – for installation within finished areas. In this case, the enclosure shall be attached to a flush-mounted, UL-listed 3-gang box, with ALL field wiring entering and leaving the enclosure by means of the internal pass-through opening and 3-gang box.

Flush-mounting within an installer-provided, UL-listed metal enclosure with concealed wiring (wiring fed via concealed conduits / conduit stubs to metal enclosure). In this case, the entire Central Control Unit, an AC Outlet, and both Power Supplies shall be installed within the metal enclosure.

The size of the electrical enclosure shall be more than 23-3/4" x 19-3/4" x 4", with a secured door and a suitable non-combustible mounting surface inside the enclosure. **Physical weight of the NC-780 with the 30-call add-on expansion board shall not exceed 7.0 lbs.**

Equipment shall be UL 1069 listed.

## 2.04 SOURCE QUALITY

- A. **Source Quality:** Obtain nurse call equipment and system from a single manufacturer.

## PART 3 EXECUTION

Specifier Note: Article below is an addition to the CSI Section Format and a supplement to MANU-SPEC. Revise article below to suit project requirements and specifier's practice.

### 3.01 MANUFACTURER'S INSTRUCTIONS

- A. **Compliance:** Comply with manufacturer's product data, including product technical bulletins, product catalog installation instructions, and product carton instructions for installation.

### 3.02 EXAMINATION

- A. **Site Verification of Conditions:** Verify substrate conditions, which have been previously installed under other sections, are acceptable for product installation in accordance with manufacturer's instructions.

Specifier Note: Coordinate article below with manufacturer's recommended installation details and wiring requirements.

### 3.03 INSTALLATION

- A. **Nurse Call Equipment Installation:**

1. Wiring Method: Install wiring in raceway as recommended by manufacturer.
2. Separation of Wires: Provide separation as recommended by equipment manufacturer.
3. Splices, Taps and Terminations: Make splices, taps and terminations on numbered terminal strips in junction, pull and outlet boxes, terminal cabinets and equipment enclosures.
4. Identification of Conductors and Cables: Retain color-coding of conductors, and apply wire and cable marking tape to designate wires and cables so all media are identified in coordination with system wiring diagrams. Label stations, controls, and indications using approved consistent nomenclature.
5. CENTRAL CONTROL UNIT LOCATIONS: Each Central Control Unit shall be installed centrally, at an accessible location within the area served by the associated Nurse Call System. Installation above suspended ceilings and/or within attic spaces that are not environmentally-controlled shall be unacceptable.

Where specific locations have not been indicated on the project drawings or specified elsewhere within this section, the Nurse Call Installer shall field-coordinate the location with the Electrical and General Contractor. In such cases, the proposed location shall be clearly indicated within the submitted shop drawings – for review and approval by the Engineer / Architect.

**B. Grounding:** Ground cable shields and equipment to eliminate shock hazard.

1. Signal Ground Terminal: Locate at main equipment cabinet. Isolate from power system and equipment grounding except at connection to main building ground bus.
2. Grounding Provisions: Comply with requirements in Division 16 Electrical, Grounding Section.

**C. Coordination with other trades:** The Nurse Call System Installer shall coordinate Power Circuit / Outlet needs with the Division 16000 Electrical Contractor.

Where Special Purpose Outlet schedules have been provided – coordinate specific locations of required AC Outlets and corresponding circuits to coincide with specified or coordinated location of Central Control Unit(s).

Where Special Purpose Outlet schedules or specific Electrical Instructions have not been provided – field coordinate specific locations of required AC Outlets and corresponding circuits to coincide with specified or coordinated location of Central Control Unit(s).

Each Nurse Call System shall be fed via a standard duplex outlet, which shall be wired to a DEDICATED branch circuit. The Outlet and Circuit Breaker shall be clearly labeled as "NURSE CALL" (plus the system served for installations with multiple systems). (Also refer to Electrical - Special Purpose Outlet Schedule)

### 3.04 FIELD QUALITY REQUIREMENTS

- A. Site Tests [Post Installation Testing]:** comply with the following:
1. Schedule Tests: Schedule test a minimum of 7 days in advance of performance of tests.
  2. Report: Submit a written record of test results.
  3. Operational Test: Perform an operational system test to verify compliance of system with these specifications. Perform tests that include originating station-to-station and all-call messages and pages at each nurse call station. Verify proper routing, volume levels, and freedom from noise and distortion. Test each available message path from each station on the system.
  4. Retesting: Rectify deficiencies indicated by tests and completely retest work affected by such deficiencies. Verify by the system test that the total system meets these specifications and complies with applicable standards. Report results in writing.
- B. Inspection:** Verify that units and controls are labeled and interconnecting wires and terminals are identified in accordance with NFPA and UL 1069 requirements.

Specifier Note: Edit paragraph below. Establish number and duration of periodic site visits with Owner and manufacturer, and specify below. Consult with manufacturer for services required. Coordinate paragraph below with Division 1 Quality Assurance Section and Part 1 Quality Assurance Submittals herein. Delete if manufacturer's field service not required.

- C. Manufacturer's Field Services:** Upon Owner's request, provide manufacturer's field service consisting of product use recommendations and periodic site visits for inspection of product installation in accordance with manufacturer's instructions.

### 3.05 CLEANING

- A. Cleaning:** Repair or replace damaged installed products. Clean installed products in accordance with manufacturer's instructions prior to Owner's acceptance. Remove construction debris from project site and legally dispose of debris.

### 3.06 PROTECTION

- A. **Protection:** Protect installed product and finish surfaces from damage during construction.

\*\*\* END OF SECTION \*\*\*