

B.	No other signs are allowed without Owner permission except those required by law.
1.16	REMOVAL OF UTILITIES, FACILITIES, AND CONTROLS
A.	Remove temporary utilities, equipment, facilities, materials, prior to Date of Substantial Completion inspection.
B.	Remove underground installations to a minimum depth of 2 feet (600 mm). Grade site as indicated.
C.	Clean and repair damage caused by installation or use of temporary work.
1.17	SITE LOGISTICS PLAN
A.	Prepare a draft Site Logistics plans submittal within fifteen days of Notice to Proceed.
1.	Site Logistics Plan shall capture all phases of work in multiple sequences planned to occur on and between each phase of erosion control, site utilities, building construction. Indicate the following items as a minimum.
2.	Provide and maintain the following items at the site as minimum required construction operations scope of work:
a.	Site Perimeter and Safety
1)	Project Limits of Construction
2)	Temporary construction fence layout (phased as required by construction)
3)	Site signage locations (including project identification signs)
4)	Site Access Control/Security Measures
5)	Temporary lighting/camera locations
6)	Rock blasting areas (blasting shall occur prior to any construction)
b.	Weather
1)	Stormwater management and dewatering plans
2)	Shade locations
3)	Heated break areas and/or wind breaks (fire pits are prohibited at all times)
c.	Site Circulation
1)	Construction vehicle routes and directional signs
2)	Roadway and sidewalk closures and other impacts (delivery, trash collection, etc.)
3)	Temporary haul roads and permanent access roads
4)	Entrance and exit gate locations (public vs. construction traffic)
5)	Ground preparation for temporary access
6)	Gravel aprons around buildings
7)	Access roads for aerial lifts and cranes
8)	Wheel wash stations
d.	Site Resources
1)	Roadway improvements and utility connections
2)	Right-of-way restrictions and relocations
3)	Tree and shrub protection
e.	Site Construction
1)	Temporary shoring
2)	Temporary construction slopes
3)	Stockpile areas
4)	Storage containers
5)	Laydown areas
6)	Contractor parking
7)	Parking areas for crew and visitors
8)	Trailer/office areas
9)	Gathering/break areas
10)	Temporary/portable restrooms/hand washing stations.
11)	Waste collection/roll-off containers.
3.	The Architect/Engineer, Contract Administrator and County's will review the plan, provide comments, and return the plan to the Contractor for revisions to be incorporated.
4.	The Contractor shall revise the plan and resubmit the final Site Logistics plan to the Architect/Engineer, Contract Administrator and County's Representative within 7 days of receipt of comments.

PART 2 PRODUCTS - NOT USED
PART 3 EXECUTION - NOT USED

END OF SECTION	
SECTION 015100 TEMPORARY UTILITIES	
PART 1 GENERAL	
1.01 SECTION INCLUDES	A. Temporary Utilities: Provision of electricity, lighting, heat, ventilation, and water.
1.02 REFERENCE STANDARDS	A. 29 CFR 1926 - Safety and Health Regulations for Construction; Current Edition.
1.03 TEMPORARY ELECTRICITY	A. Provide power service required from utility source. B. Power: 1. Install permanent power infrastructure for use as temporary service. 2. Power Service Characteristics: ____ volt, ____ amperes, three phase, four wire. 3. Provide permanent devices as required to fully commission all Work. 4. Transfer service to Owner after Substantial Completion. 5. Provide and maintain service continuously until service is transferred to Owner. C. Provide power outlets for construction operations, with branch wiring and distribution boxes located at each floor. Provide flexible power cords as required. D. Provide main service disconnect and over-current protection at convenient location and meter. E. Permanent convenience receptacles may be utilized during construction. F. Provide adequate distribution equipment, wiring, and outlets to provide single phase branch circuits for power and lighting.
1.04 TEMPORARY LIGHTING FOR CONSTRUCTION PURPOSES	A. Cost: By Contractor. B. Provide and maintain LED, compact fluorescent, or high-intensity discharge lighting as suitable for the application for construction operations in accordance with requirements of 29 CFR 1926 and authorities having jurisdiction. C. Provide and maintain 1 watt/sq ft (10.8 watt/sq m) lighting to exterior staging and storage areas after dark for security purposes. D. Provide and maintain 0.25 watt/sq ft (2.7 watt/sq m) H.I.D. lighting to interior work areas after dark for security purposes. E. Provide branch wiring from power source to distribution boxes with lighting conductors, pigtail, and lamps as required. F. Maintain lighting and provide routine repairs.
1.05 TEMPORARY HEATING, VENTILATION, AND HUMIDITY CONTROL	A. Cost of Energy: By Contractor. B. Provide power service required from utility source. 1. Provide permanent devices needed to fully commission all Work. 2. Transfer service to Owner after Substantial Completion. 3. Provide and maintain service continuously until service is transferred to Owner. C. Provide heating devices and heat as needed to maintain specified conditions for construction operations. D. Maintain minimum ambient temperature of 50 degrees F (10 degrees C) in areas where construction is in progress, unless indicated otherwise in specifications. E. Prior to operation of permanent equipment for temporary heating purposes, verify that installation is approved for operation, equipment is lubricated and filters are in place. Provide and pay for operation, maintenance, and regular replacement of filters and worn or consumed parts.

1.06 TEMPORARY NATURAL GAS SERVICE	A. Cost: By Contractor. B. Provide permanent meters and devices needed to fully commission all Work. 1. Transfer service to Owner after Substantial Completion. 2. Provide and maintain service continuously until service is transferred to Owner--
1.07 TEMPORARY WATER SERVICE	A. Cost of Water : By Contractor. B. Provide permanent meters and devices needed to fully commission all Work. 1. Transfer service(s) to Owner after Substantial Completion. 2. Provide and maintain service(s) continuously until service is transferred to Owner.
1.08 TEMPORARY TELECOMMUNICATION SERVICES	A. Cost of Internet Service: By Contractor. B. Cost of Cable Services: By Contractor. C. Provide permanent devices needed to fully commission all Work. 1. Transfer service(s) to Owner after Substantial Completion. 2. Provide and maintain service(s) continuously until service is transferred to Owner.
PART 2 PRODUCTS - NOT USED	
PART 3 EXECUTION - NOT USED	

END OF SECTION	
SECTION 017123 FIELD ENGINEERING	
PART 1 GENERAL	
1.01 SECTION INCLUDES	A. Specific services listed in this section are in addition to, and do not supersede, general Execution and Closeout Requirements.
1.02 DESCRIPTION OF SERVICES	A. Sole responsibility for establishing all locations, dimensions and levels of items of work. B. Sole responsibility for provision of all materials required to establish and maintain benchmarks and control points, including batter boards, grade stakes, structure elevation stakes, and other items. C. Keeping a transit, theodolite, or TST (total station theodolite with electronic distance measurement device); leveling instrument; and related implements such as survey rods and other measurement devices, at the project site at all times. D. Provision of facilities and assistance necessary for Architect to check lines and grade points placed by Contractor. 1. Performance of excavation or embankment work until after all cross-sectioning necessary for determining payment quantities for Unit Price work have been completed and accepted by Architect. F. Preparation and maintenance of daily reports of activity on the work. Submission of reports containing key progress indicators and job conditions to Architect. 1. Major equipment and materials installed as part of the work. 2. Location of areas in which construction was performed. 3. Work performed, including field quality control measures and testing. 4. Weather conditions. 5. Instructions received from Architect or Owner, if any. G. Preparation and maintenance of professional-quality, accurate, well organized, legible notes of all measurements and calculations made while surveying and laying out the work.

1.03 REFERENCE STANDARDS	A. FGDC-STD-007.1 - Geospatial Positioning Accuracy Standards - Part 1: Reporting Methodology; 1998. B. FGDC-STD-007.2 - Geospatial Positioning Accuracy Standards - Part 2: Standards for Geodetic Networks; 1998. C. FGDC-STD-007.4 - Geospatial Positioning Accuracy Standards - Part 4: Architecture, Engineering, Construction, and Facilities Measurement; 2002. D. State Plane Coordinate System for the State in which the Project is located.
1.04 QUALITY ASSURANCE	A. Minimum accuracy for required work is as follows: 1. Grade: Horizontal Tolerance: Plus or minus 0.5 feet (152 mm), Vertical Tolerance: Plus or minus 0.05 feet (15 mm). 2. Structures: Horizontal Tolerance: Plus or minus 0.5 feet (152 mm) (location), Vertical Tolerance: Plus or minus 0.05 feet (15 mm).

PART 2 PRODUCTS - NOT USED	
PART 3 EXECUTION	
3.01 FIELD ENGINEERING	A. Maintain field office files, drawings, specifications, and record documents. B. Coordinate field engineering services with Contractor's subcontractors, installers, and suppliers as appropriate. C. Prepare layout and coordination drawings for construction operations. D. Check and coordinate the work for conflicts and interferences, and immediately advise Architect and Owner of all discrepancies of which Contractor is aware. E. Cooperate as required with Architect and Owner in observing the work and performing field inspections. F. Review and coordinate work on a regular basis with shop drawings and Contractor's other submittals. G. Check the location, line and grade of every major element as the work progresses. Notify the Architect when deviations from required lines or grades exceed allowable tolerances. Include in such notifications a thorough explanation of the problem, and a proposed plan and schedule for remedying the deviation. Do not proceed with remedial work without Owner's concurrence of the remediation plan. H. Check the location, line and grade of the work. I. Product- and System-Specific Training: 1. Review the applicable O&M manuals. 2. For systems, provide an overview of system operation, design parameters and constraints, and operational strategies. 3. Review instructions for proper operation in all modes, including start-up, shut-down, seasonal changeover and emergency procedures, and for maintenance, including preventative maintenance. 4. Provide hands-on training on all operational modes possible and preventive maintenance. 5. Emphasize safe and proper operating requirements; discuss relevant health and safety issues and emergency procedures. 6. Discuss common troubleshooting problems and solutions. 7. Discuss any peculiarities of equipment installation or operation. 8. Discuss warranties and guarantees, including procedures necessary to avoid voiding coverage. 9. Review recommended tools and spare parts inventory suggestions of manufacturers. 10. Review spare parts and tools required to be furnished by Contractor. J. Review spare parts suppliers and sources and procurement procedures. K. Be prepared to answer questions raised by training attendees; if unable to answer during training session, provide written response within three days.
3.02 LAND SURVEYING	A. General: Follow standards for geospatial positioning accuracy. 1. FGDC-STD-007.1 as amended by Authority Having Jurisdiction. 2. FGDC-STD-007.2 as amended by Authority Having Jurisdiction. 3. FGDC-STD-007.4 as amended by Authority Having Jurisdiction. B. Coordinate survey data with the State Plane Coordinate System of the State in which the Project is located. C. Contractor is responsible for the restoration of all property corners and control monuments damaged or destroyed by construction-related activities. Any disturbed monuments must be replaced at Contractor's expense by a surveyor licensed in the State in which the Project is located, and approved by the Architect. 1. Temporarily suspended work at such points and for such reasonable times as the Owner may require for resetting monuments. The Contractor will not be entitled to any additional compensation or extension of time.
3.03 REPORTS	A. Submit two copies of Contractor's daily reports at Architect's field office (or electronically) by 9:00 AM the next working day after the day covered in the associated report. Daily report shall be signed by responsible member of Contractor's staff, such as project manager or superintendent, or foreman designated by Contractor as having authority to sign daily reports.
3.04 RECORDS	A. Maintain at the Site a complete and accurate log of control and survey work as it progresses. 1. Organize and record survey data in accordance with recognized professional surveying standards, Laws and Regulations, and prevailing standards of practice in the State in which the Project is located. Record Contractor's surveyor's original field notes, computations, and other surveying data in Contractor-furnished hard-bound field books. Contractor is solely responsible for completeness and accuracy of survey work, and completeness and accuracy of survey records, including field books. Survey records, (including field books) may be rejected by Owner due to failure to organize and maintain survey records in a manner that allows reasonable and independent verification of calculations, and/or allows identification of elevations, dimensions, and grades of the work. 2. Illegible notes or data, and erasures on any page of field books, are unacceptable. Do not submit copied notes or data. Corrections by ruling or lining out errors will be unacceptable unless initiated by the surveyor. Violation of these requirements may require re-surveying the data questioned by Architect. B. Submit three copies of final property survey to Owner. Include on the survey a certification, signed by the surveyor, that principal metes, bounds, lines, and levels of the Project are accurately positioned as shown on the survey. Include the following information:
END OF SECTION	

SECTION 017610 TEMPORARY PROTECTIVE COVERINGS	
PART 1 GENERAL	
1.01 SECTION INCLUDES	A. Temporary protective coverings for installed floors, walls, other surfaces, and ____.
1.02 REFERENCE STANDARDS	A. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2024.
1.03 SUBMITTALS	A. Product Data: Provide data on specified products, describing physical and performance characteristics; including sizes available; and installation instructions. B. Shop Drawings: Indicate existing finished surfaces to be protected.
PART 2 PRODUCTS	
2.01 GENERAL	A. Provide materials that are easily removed without damage to the surfaces covered and with the following characteristics: 1. Water resistant. 2. Flame retardant.
2.02 MATERIALS	A. Sheet Materials: 1. Surface Burning Characteristics: Maximum flame spread index of 25 and smoke developed index of 450; when system tested in accordance with ASTM E84. B. Rolled Materials: 1. Surface Burning Characteristics: Maximum flame spread index of 25 and smoke developed index of 450; when system tested in accordance with ASTM E84. C. Corner and Door Jamb Protection Materials: 1. Cardboard, shaped specifically for application. D. Tape: Type recommended by protective covering material manufacturer.
PART 3 EXECUTION	
3.01 PREPARATION	A. Remove dirt and debris from surfaces to be protected.
3.02 INSTALLATION	A. Install in accordance with manufacturer's instructions. B. Trim or overlap sheet materials to fit area to be covered. C. Roll out and cut rolled materials to fit area to be covered. D. Tape seams. Avoid taping directly to finished surfaces. E. Install door jamb protection to full height of opening.
3.03 REMOVAL	A. Remove protective coverings prior to Date of Substantial Completion. Reuse or recycle materials if possible.
END OF SECTION	

SECTION 017900 DEMONSTRATION AND TRAINING	
PART 1 GENERAL	
1.01 SUMMARY	A. Demonstration of products and systems to be commissioned and where indicated in specific specification sections. B. Training of Owner personnel in operation and maintenance is required for: 1. All software-operated systems. 2. HVAC systems and equipment. 3. Electrical systems and equipment. 4. Conveying systems. C. Training of Owner personnel in care, cleaning, maintenance, and repair is required for: 1. Roofing, waterproofing, and other weather-exposed or moisture protection products. 2. Items specified in individual product Sections.
1.02 SUBMITTALS	A. See Section 013000 - Administrative Requirements, for submittal procedures; except: 1. Make all submittals specified in this section, and elsewhere where indicated for commissioning purposes, directly to the Commissioning Authority. 2. Submit one copy to the Commissioning Authority, not to be returned. 3. Make commissioning submittals on time schedule specified by Commissioning Authority. 4. Annotations indicated as "Draft" are intended for the use of the Commissioning Authority in preparation of overall Training Plan; submit in editable electronic format, Microsoft Word, current version, preferred. B. Draft Training Plans: Owner will designate personnel to be trained; tailor training to needs and skill-level of attendees. 1. Submit to Commissioning Authority for review and inclusion in overall training plan. 2. Submit not less than four weeks prior to start of training. 3. Revise and resubmit until acceptable. 4. Provide an overall schedule showing all training sessions. 5. Include at least the following for each training session: a. Identification, date, time, and duration. b. Description of products and/or systems to be covered. c. Name of firm and person conducting training; include qualifications. d. Intended audience, such as job description. e. Objectives of training and suggested methods of ensuring adequate training. f. Methods to be used, such as classroom lecture, live demonstrations, hands-on, etc. g. Media to be used, such as slides, hand-outs, etc. h. Training equipment required, such as projector, projection screen, etc., to be provided by Contractor. C. Training Manuals: Provide training manual for each attendee; allow for minimum of two attendees per training session. 1. Include applicable portion of O&M manuals. 2. Include copies of all hand-outs, slides, video presentations, etc., that are not included in O&M manuals. 3. Provide one extra copy of each training manual to be included with operation and maintenance data. D. Training Reports: 1. Identification of each training session, date, time, and duration. 2. Sign-in sheet showing names and job titles of attendees. 3. List of attendee questions and written answers given, including copies of and references to supporting documentation required for clarification; include answers to questions that could not be answered in original training session. 4. Include Commissioning Authority's formal acceptance of training session.
1.03 QUALITY ASSURANCE	A. Instructor Qualifications: Familiar with design, operation, maintenance and troubleshooting of the relevant products and systems. 1. Provide as instructors the most qualified trainer of those contractors and/or installers who actually supplied and installed the systems and equipment. 2. Where a single person is not familiar with all aspects, provide specialists with necessary qualifications.

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PART 2 PRODUCTS - NOT USED	
PART 3 EXECUTION	
3.01 DEMONSTRATION - GENERAL	A. Demonstrations conducted during system start-up do not qualify as demonstrations for the purposes of this section, unless approved in advance by Owner. B. Demonstrations conducted during Functional Testing need not be repeated unless Owner personnel training is specified. C. Demonstration may be combined with Owner personnel training if applicable. D. Operating Equipment and Systems: Demonstrate operation in all modes, including start-up, shut-down, seasonal changeover, emergency conditions, and troubleshooting, and maintenance procedures, including scheduled and preventive maintenance. E. Non-Operating Products: Demonstrate cleaning, scheduled and preventive maintenance, and repair procedures. 1. Perform demonstrations not less than two weeks prior to Substantial Completion.
3.02 TRAINING - GENERAL	A. Conduct training on-site unless otherwise indicated.

B. Owner will provide classroom and seating at no cost to Contractor.

C. Do not start training until Functional Testing is complete, unless otherwise specified or approved by the Commissioning Authority.

D. Provide training in minimum two hour segments.

E. Contractor shall video tape all training sessions and provide the recording files to the Owner.

F. The Commissioning Authority is responsible for determining that the training was satisfactorily completed and will provide approval forms.

G. Training schedule will be subject to availability of Owner's personnel to be trained; re-schedule training sessions as required by Owner; once schedule has been approved by Owner failure to conduct sessions according to schedule will be cause for Owner to charge Contractor for personnel "show-up" time.

H. Review of Facility Policy on Operation and Maintenance Data: During training discuss:

1. The location of the O&M manuals and procedures for use and preservation; backup copies.
2. Typical contents and organization of all manuals, including explanatory information, system narratives, and product specific information.
3. Typical uses of the O&M manuals.

I. Product- and System-Specific Training:

1. Review the applicable O&M manuals.
2. For systems, provide an overview of system operation, design parameters and constraints, and operational strategies.
3. Review instructions for proper operation in all modes, including start-up, shut-down, seasonal changeover and emergency procedures, and for maintenance, including preventative maintenance.
4. Provide hands-on training on all operational modes possible and preventive maintenance.
5. Emphasize safe and proper operating requirements; discuss relevant health and safety issues and emergency procedures.
6. Discuss common troubleshooting problems and solutions.
7. Discuss any peculiarities of equipment installation or operation.
8. Discuss warranties and guarantees, including procedures necessary to avoid voiding coverage.
9. Review recommended tools and spare parts inventory suggestions of manufacturers.
10. Review spare parts and tools required to be furnished by Contractor.
11. Review spare parts suppliers and sources and procurement procedures.

J. Be prepared to answer questions raised by training attendees; if unable to answer during training session, provide written response within three days.

END OF SECTION

DIVISION 03 - CONCRETE

SECTION 030516

UNDERSLAB VAPOR BARRIER - STEGO

PART 1 GENERAL	
1.01 SECTION INCLUDES	A. Sheet vapor barrier under concrete slabs on grade.
1.02 REFERENCE STANDARDS	A. ASTM E1643 - Standard Practice for Selection, Design, Installation, and Inspection of Water Vapor Retarders Used in Contact with Earth or Granular Fill Under Concrete Slabs; 2015a. B. ASTM E1745 - Standard Specification for Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs; 2017 (Reapproved 2023).
1.03 SUBMITTALS	A. Product Data: Submit manufacturers' data on manufactured products. B. Test Data: Submit report of tests showing compliance with specified requirements. C. Samples: Submit samples of underslab vapor barrier to be used. D. Manufacturer's Installation Instructions: Indicate installation procedures and interface required with adjacent construction.
PART 2 PRODUCTS	
2.01 MATERIALS	A. Underslab Vapor Retarder: 1. Sheet Material: ASTM E1745, Class A; stated by manufacturer as suitable for installation in contact with soil or granular fill under concrete slabs. Single-ply polyethylene is prohibited. 2. Accessory Products: Vapor retarder manufacturer's recommended tape, adhesive, mastic, prefabricated boots, etc., for sealing seams and penetrations. B. Underslab Vapor Barrier: 1. Water Vapor Permeance: Not more than 0.010 perms (0.6 ng/(s m2 Pa)), maximum. 2. Complying with ASTM E1745 Class A. 3. Thickness: 15 mils (0.4 mm). 4. Basis of Design: a. Stego Industries LLC; Stego Wrap Vapor Barrier (15-mil): www.stegoindustries.com/#ste C. Accessory Products: Vapor barrier manufacturer's recommended tape, adhesive, mastic, etc., for sealing seams and penetrations in vapor barrier.
PART 3 EXECUTION	
3.01 EXAMINATION	A. Verify that surface over which vapor barrier is to be installed is complete and ready before proceeding with installation of vapor barrier.
3.02 INSTALLATION	A. Install vapor barrier in accordance with manufacturer's instructions and ASTM E1643. B. Interior Slabs on Grade: Install vapor retarder under interior slabs on grade. Comply with ASTM E1643. Lap joints minimum 6 inches (150 mm). Seal joints, seams and penetrations watertight with manufacturer's recommended products and follow manufacturer's written instructions. Repair damaged vapor retarder before covering. C. Install vapor barrier under interior slabs on grade; lap sheet over footings and seal to foundation walls. D. Lap joints minimum 6 inches (150 mm). E. Seal joints, seams and penetrations watertight with manufacturer's recommended products and follow manufacturer's written instructions. F. No penetration of vapor barrier is allowed except for reinforcing steel and permanent utilities. G. Repair damaged vapor retarder before covering with other materials.
END OF SECTION	

SECTION 033543 POLISHED CONCRETE - PROSOCO	
PART 1 GENERAL	
1.01 REFERENCE STANDARDS	A. ANS/INFSI B101.1 - Test Method for Measuring the Wet SCOF of Hard-Surface Walkways; 2020. B. ANS/INFSI B101.3 - Test Method for Measuring the Wet DCOF of Hard Surface Walkways; 2020. C. ASTM D1308 - Standard Test Method for Effect of Household Chemicals on Clear and Pigmented Coating Systems; 2020. D. ASTM D4039 - Standard Test Method for Reflection Haze of High-Gloss Surfaces; 2009 (Reapproved 2020). E. ASTM D5767 - Standard Test Method for Instrumental Measurement of Distinctness-of-Image (DOI) Gloss of Coated Surfaces; 2018. F. ASTM E96/E96M - Standard Test Methods for Gravimetric Determination of Water Vapor Transmission Rate of Materials; 2022a, with Editorial Revision (2023). G. ASTM G154 - Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials; 2023.
1.02 SUBMITTALS	A. See Section 013000 - Administrative Requirements for submittal procedures. B. Product Data: Manufacturer's published data on each finishing product, including information on compatibility of different products and limitations. C. Product Data: Manufacturer's published data and installation instructions for concrete polishing system and finishing products, including manufacturer's installation instructions, information on compatibility of different products, and limitations. D. Installer's qualification statement.
1.03 QUALITY ASSURANCE	A. Installer Qualifications: 1. Company specializing in installing products specified in this section, having completed minimum of five projects of similar size and complexity. 2. Company is listed applicator of concrete finishes, having completed manufacturer's training program.
1.04 MOCK-UP	A. Mock-Up Size: 50 sq ft (4.6 sq m). B. Locate on site where directed. C. Accepted mock-up panel is considered basis of quality for the finished work. Keep mock-up exposed to view for duration of construction.
PART 2 PRODUCTS	
2.01 POLISHED CONCRETE SYSTEM	A. Polished Concrete System: Materials, equipment, and procedures designed and furnished by a single manufacturer to produce dense polished concrete of the specified sheen. 1. Manufacturer: PROSOCO, Inc; Consolideck Polished Concrete System: www.prosoco.com/consolideck/#ste 2.02 SURFACE TREATMENTS A. Cutting Aid: Clear, water-based blended surfactant treatment spray-applied to wet concrete. 1. Product: PROSOCO, Inc; Consolideck First Cut: www.prosoco.com/consolideck/#ste B. Repair Material: Low-odor, liquid fill material. 1. Product: PROSOCO, Inc; Consolideck Grid-N-Fill: www.prosoco.com/consolideck/#ste C. Cleaner: Pre-densifier concrete cleaner for grinding slab surfaces. 1. Product: PROSOCO, Inc; Consolideck Cleaner/Degreaser: www.prosoco.com/consolideck/#ste 2.03 DENSIFIERS AND HARDENERS A. Liquid Densifier and Hardener: Penetrating chemical compound, reacts with concrete, filling pores, hardening, and dustproofing. 1. Composition: Lithium silicate. 2. Water Vapor Transmission: Zero perms compared to untreated sample when tested according to ASTM E96/E96M Method B. 3. UV Stability: No degradation or yellowing when tested in accordance with ASTM G154. 4. Product: PROSOCO, Inc; Consolideck LS: www.prosoco.com/consolideck/#ste 2.04 COATINGS A. Coatings, General: 1. Treated Material Slip Resistance: High traction range when tested according to ANS/INFSI B101.1 and ANS/INFSI B101.3. 2. Stain Resistance: No adverse effect when tested according to ASTM D1308. 3. UV Stability: No degradation or yellowing when tested according to ASTM G154. B. Clear Coating: 1. Medium Gloss: Film forming protective treatment. a. Product: PROSOCO, Inc; Consolideck PolishGuard: www.prosoco.com/consolideck/#ste

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1.04 MOCK-UP	A. Mock-Up Size: 50