### **MTCCC**

# **Acoustically Transparent Coating**

May 15, 2013

<u>Project No. 1 Description:</u> Application of acoustically transparent coating to existing acoustical ceiling finish surfaces.

Potter Lawson No. 2013.07.00

## Potter Lawson

PROJECT TITLE PAGE May 15, 2013

**PROJECT:** MTCCC

ACOUSTICALLY TRANSPARENT COATING

**OWNER:** MONONA TERRACE COMMUNITY AND

CONVENTION CENTER ONE JOHN NOLEN DRIVE MADISON, WISCONSIN 53703

**ARCHITECT:** POTTER LAWSON, INC.

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	SECTION 09 96 69 – ACOUSTICALLY TRANSPARENT COATING
]	PART ONE - GENERAL
]	DESCRIPTION
	Application of acoustically transparent coating to existing acoustical finish ceiling surfaces where indicated on Drawing A101.
,	Surface preparation.
,	SUBMITTALS
	Product Data: Submit manufacturer's technical information and application instructions for each material proposed for use.
,	Samples: Submit samples of each color for Owner's approval.
(	Qualification Data: Submit applicator qualifications.
(	QUALITY ASSURANCE
1	Applicator Qualifications: Engage an experienced applicator who is trained and certified by the coating manufacturer and who has successfully completed within the last 5 years at least 2 acoustically transparent coating applications similar in material and extent (minimum 10,000 sq. ft.) to that of this project and who will assign mechanics from these earlier applications to this project, of which one will serve as lead mechanic.
,	Single Source Responsibility: Obtain acoustically transparent coating materials from a single manufacturer.
	Preinstallation Conference: Conduct conference at Project site with Owner to review methods and procedures related to acoustically transparent coating, but not limited to, the following:
	Inspect and discuss condition of existing acoustical finish surfaces and preparatory work.
	Review and finalize construction schedule and verify availability of materials, Applicator's personnel, equipment, and facilities needed to make schedule and avoid delays.
	Review protection procedures to prevent damage from over spray.
	Mockups: Apply mockups of coating system indicated to verify preliminary selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.
	Owner will select location of ceiling surface of at least 100 sq. ft. for application of coating system specified.
	Owner's final approval of color selections will be based on mockups.
	If preliminary color selections are not approved, apply additional mockups of additional colors selected by Owner at no added cost to Owner.
	Approval of mockups does not constitute approval of deviations from the Contract Documents contained in

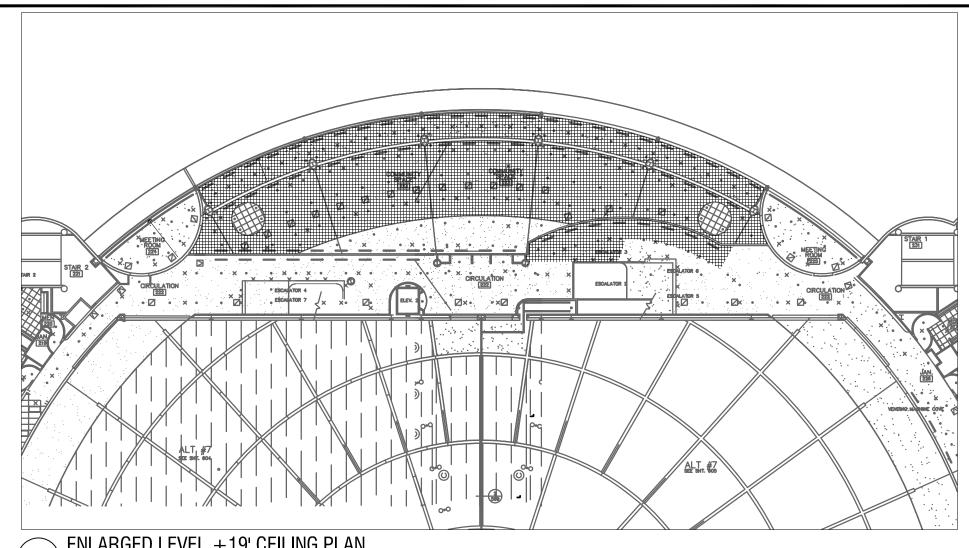
Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Owner specifically approves such deviations in writing.

Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1 2	DELIVERY, STORAGE AND HANDLING
3 4 5	Deliver materials in the original containers with the seals unbroken and label intact and with the manufacturer's instructions printed thereon.
6 7 8	Store all materials used on the job in protected areas designated by the Owner. Keep storage place neat and clean, and make good all damage thereto or its surroundings. Remove used rags, waste and trash from the building every night and take every precaution to avoid the danger of fire.
9 10	PROJECT CONDITIONS
11 12 13	Provide adequate illumination in all areas where coating operations are in progress.
14 15 16 17	Schedule and coordinate the work of this Section with other trades and do not proceed until other work and/or job conditions are as required to achieve satisfactory results.
18 19	PART TWO - PRODUCTS
20 21	ACCEPTABLE MANUFACTURER AND PRODUCT (NO SUBSTITUTION)
22 23 24	Special Order: SonaKote™ acoustically transparent coating as manufactured by International Cellulose Corporation.
25 26	MATERIALS
27 28 29 30	Provide all coating materials of the best quality and approved by the Owner. Products shall bear identifying labels on the containers with the manufacturer's instructions printed thereon. Coating containers not bearing manufacturer's identifying labels will not be permitted on the project site.
31 32 33	Coating shall not be badly settled, caked, or thickened in the container, shall be readily dispersed with a paddle to a smooth consistency and shall have excellent application properties.
34 35	Ensure that all mixed colors match the color selection made by the Owner prior to application of the coating.
36 37 38	Application Equipment: Application equipment is not required to be new, but shall be adequate for the work and workmanship required herein.
39 40 41	Accessory Materials: Include all required ladders, scaffolding, drop cloths, maskings, scrapers, tools, dusters, cleaning solvents, and waste, as required to perform the Work and achieve the results herein specified.
42 43	COLOR
44 45	Provide coating in custom (special order) color to match existing ceiling acoustical finish color in all respects.
46 47 48	PART THREE - EXECUTION
49 50	INSPECTION
51 52 53	It is the Bidder's responsibility to determine the quantities of materials and labor required to complete all the Work of this Section.
54 55 56	Before submitting a bid, each Bidder shall visit and inspect the project site to become acquainted with the adjacent areas, means of approach to the site, conditions of actual job site, and facilities for delivering, storing, placing, and handling of materials and equipment.

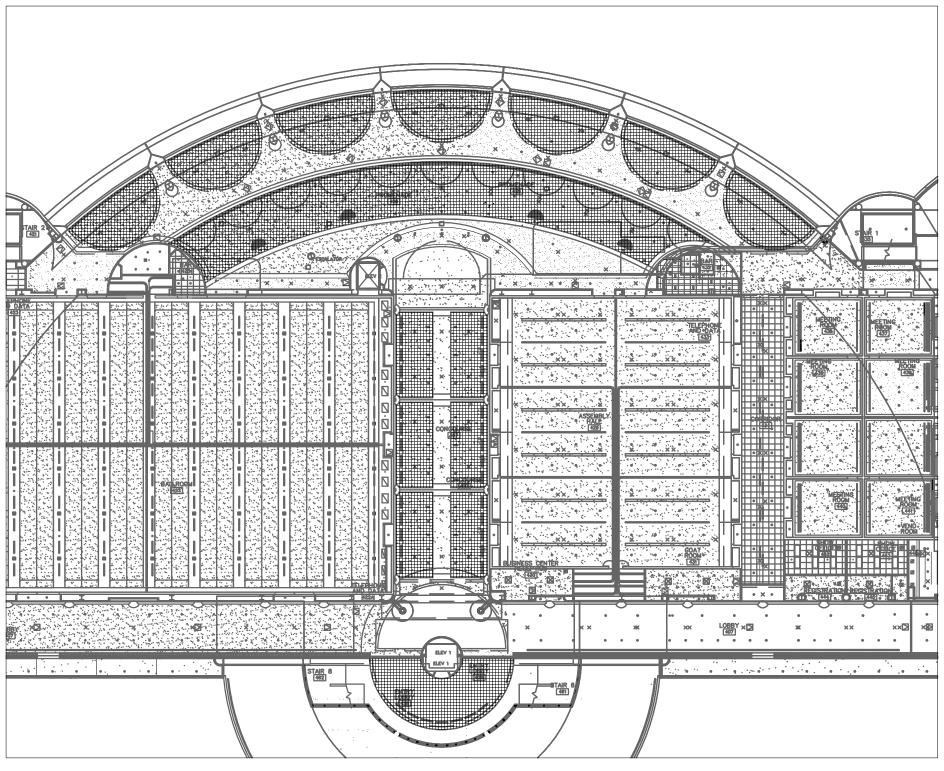
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1 2	Failure to visit the project site or failure to examine any and all Contract Documents will in no way relieve the successful Bidder from necessity of furnishing any materials or equipment, or performing any work, that may be
3 4 5	required to complete the work in accordance with the Contract Documents. Neglect of above requirements will not be accepted as reason for delay in the work or additional compensation.
6 7	PREPARATION OF SURFACES
8	General Procedures: Remove and protect hardware, accessories, device plates, lighting fixtures, finished work and similar items, or provide ample in-place protection. Upon completion, carefully replace all removed items.
10 11 12	Surface Preparation:
13 14 15	Clean and prepare surfaces to be coated in accordance with the manufacturer's instructions for each particular substrate condition and as specified.
16 17 18	Before applying coating, clean acoustical finish surfaces of substances that could impair bond of coating. Schedule cleaning and coating application so dust, dirt and other contaminants from cleaning process will not fall on wet, newly coated surfaces.
19 20 21	APPLICATION - WORKMANSHIP
21 22 23 24	Apply coating in accordance with manufacturer's directions. Use applicators and techniques best suited for substrate and type of material being applied. Employ only skilled mechanics.
24 25 26	Do not apply coating over dirt, dust, moisture, or conditions detrimental to formation of a durable coating film.
27 28	Apply coating under adequate illumination, evenly applied to avoid runs, sags, holidays, and air bubbles.
29 30 31	Apply coating at not less than the manufacturer's recommend application rate. Provide a total dry film thickness as recommended by the manufacturer.
32 33 34 35	Coverage and hide shall be complete. When stains, dirt or other contaminates show through coating, the surface shall be covered by additional coats until the coating film is of uniform finish, color, appearance and coverage, at no additional cost to the Owner.
36 37	All coats shall be dry to manufacturer's recommendations before applying succeeding coats.
38 39	CLEANING AND REPAIRS
10 11	As work progresses, promptly remove coating where spilled, splashed, or spattered.
12 13	Repair to "like new" condition, all surfaces that are damaged due to coating removal, or replace with new work.
14 15 16	During progress of work, keep premises free from unnecessary accumulation of tools, equipment, rubbish, cans, rags, etc.
17 18	Upon completion of work in any area, leave premises neat and clean and free of rubbish.
19 50	PROTECTION
51 52 53 54	Protect work at all times, and protect all adjacent work and materials by suitable covering or other method during progress of Work.
55 56	End of Section



ENLARGED LEVEL +19' CEILING PLAN

1/16 = 1'-0"



ENLARGED LEVEL +40' CEILING PLAN



SHADED AREAS REPRESENT EXISTING ACOUSTICAL FINISH CEILINGS TO RECEIVE NEW ACOUSTICAL TRANSPARENT COATING.

PLI



MTCCC

ACOUSTICALLY
TRANSPARENT COATING ON
ACOUSTICAL FINISH CEILINGS

MADISON, WISCONSIN

Project No.: 2013.07.00
Issued: 05-15-13
Via:
Filename:1307\_Acoustical Ceiling

Drawn by:

A101