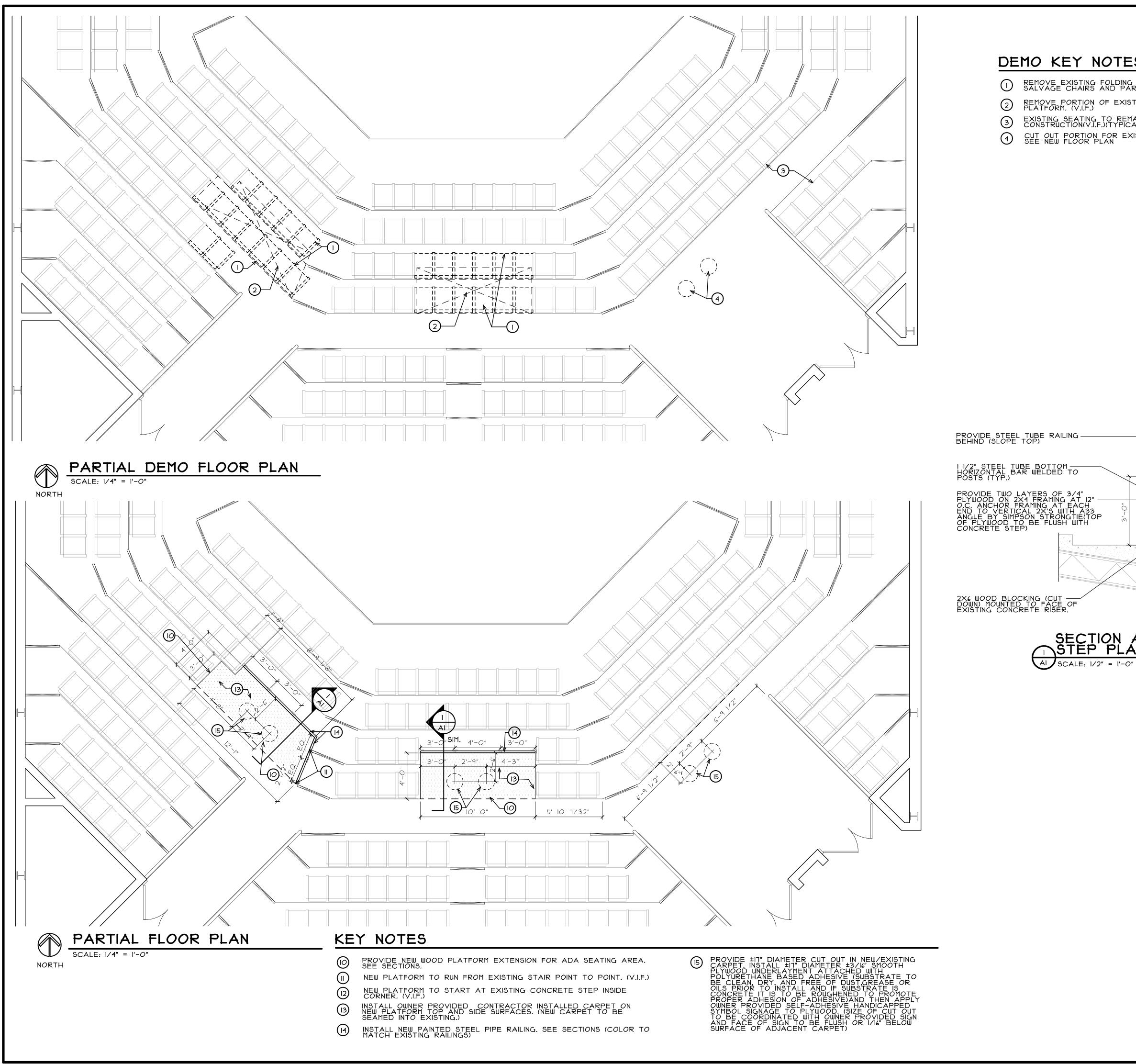


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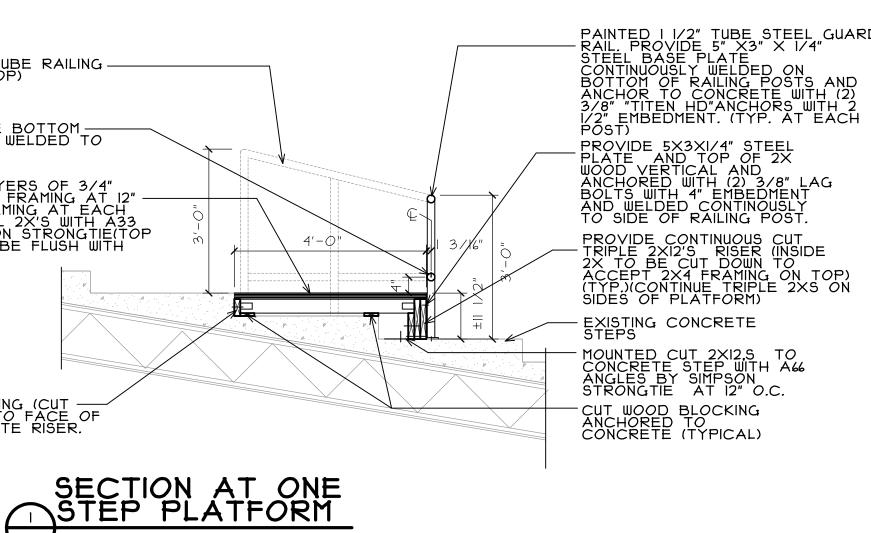
THEATRE ADA SEATING JOLIET JUNIOR COLLEGE FIRST FLOOR - BUILDING K 1215 HOUBOLT ROAD JOLIET, ILLINOIS STROMSLAND + DE YOUNG + PRYBYS ARCHITECTURE GROUP 280 VETERANS PARKWAY NEW LENOX, IL 60451 PHONE: 815-727-1311

INDEX OF SHEETS	
DOR DEMO AND NEW FLOOR PLAN, DETAILS	stromsland + de young + prybys e
	THEATRE ADA SEATING JOLIET JUNIOR COLLEGE - BUILDING K 1215 HOUBOLT ROAD JOLIET, ILLINOIS
	DATE: 11/21/2024 REVISED: PROJECT NO. 2407-01 SHEET NUMBER
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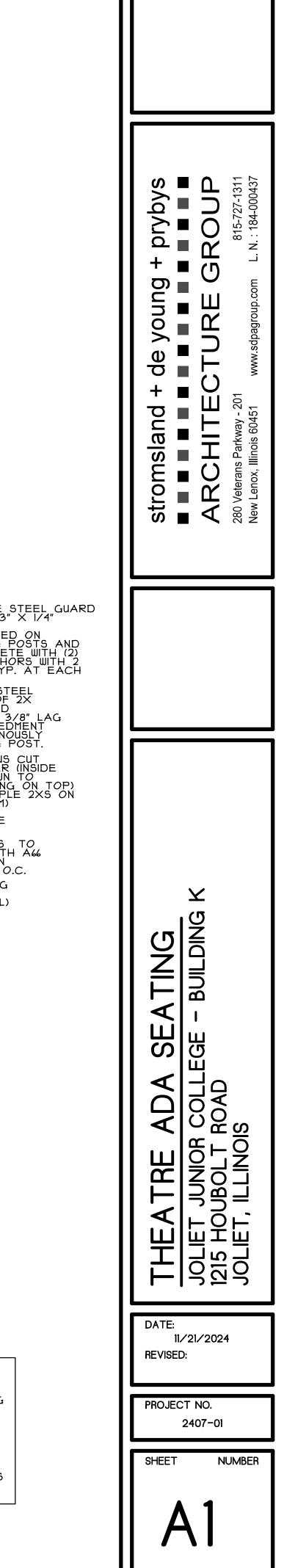


DEMO KEY NOTES

REMOVE EXISTING FOLDING THEATRE SEATING AND ANCHOR STUDS. SALVAGE CHAIRS AND PARTS TO OWNER. (V.I.F.) 2 REMOVE PORTION OF EXISTING CARPET AT LOCATION OF NEW PLATFORM. (V.I.F.) 3 EXISTING SEATING TO REMAIN. PROVIDE PROTECTION DURING CONSTRUCTION(V.I.F.)(TYPICAL) () CUT OUT PORTION FOR EXISTING CARPET FOR NEW FLOOR SIGNS. SEE NEW FLOOR PLAN



NOTE: NOTE: GENERAL CONTRACTOR TO PROVIDE A \$5,000 ALLOWANCE IN HIS/HER BID FOR UNFORESEEN/MISCELLANEOUS CONDITIONS. WHEN FIGURING THIS ALLOWANCE IN THE BID, THE CONTRACTOR IS TO INCLUDE ALL NECESSARY OVERHEAD AND PROFIT TO CARRY THIS DOLLAR VOLUME. THIS ALLOWANCE IS NOT FOR THE CONTRACTOR'S BENEFIT, AND IS ONLY AUTHORIZED TO CHARGE AGAINST THIS ALLOWANCE WHEN DIRECTED AND APPROVED BY JOLIET JUNIOR COLLEGE. THE CONTRACTOR WILL BE ALLOWED TO INVOICE FOR DIRECT MATERIAL AND RAW LABOR COSTS ONLY.



OF

2 SHEETS

ARCHITECTURAL SPECIFICATIONS

SECTION 013300 - SUBMITTAL PROCEDURES

PART 1 - GENERAL

- 1.1 SUMMARY
- Section includes requirements for the submittal schedule and administrative and A. procedural requirements for submitting Shop Drawings, Product Data, Samples, and other submittals.
- 1.2 DEFINITIONS
- A. Action Submittals: Written and graphic information and physical samples that require Architect's responsive action. Action submittals are those submittals indicated in individual Specification Sections as "action submittals."
- Informational Submittals: Written and graphic information and physical samples that do not require Architect's responsive action. Submittals may be rejected for not complying with requirements. Informational submittals are those submittals indicated in individual Specification Sections as "informational submittals."
- C. File Transfer Protocol (FTP): Communications protocol that enables transfer of files to and from another computer over a network and that serves as the basis for standard Internet protocols. An FTP site is a portion of a network located outside of network firewalls within which internal and external users are able to access files.
- D. Portable Document Format (PDF): An open standard file format licensed by Adobe Systems used for representing documents in a device-independent and display resolution-independent fixed-layout document format.
- 1.3 ACTION SUBMITTALS
- Submittal Schedule: Submit a schedule of submittals, arranged in chronological Α. order by dates required by construction schedule. Include time required for review, ordering, manufacturing, fabrication, and delivery when establishing dates. Include additional time required for making corrections or revisions to submittals noted by Architect and additional time for handling and reviewing submittals required by those corrections.
 - 1. Coordinate submittal schedule with list of subcontracts, the schedule of values, and Contractor's construction schedule.
 - 2. Final Submittal: Submit concurrently with the first complete submittal of Contractor's construction schedule.
 - a. Submit revised submittal schedule to reflect changes in current status and timing for submittals.
 - 3. Format: Arrange the following information in a tabular format:
 - Scheduled date for first submittal.
 - Specification Section number and title. Submittal category: Action; informational.
 - Name of subcontractor.
 - Description of the Work covered.
 - Scheduled date for Architect's final release or approval.
 - Scheduled date of fabrication. Scheduled dates for purchasing.
 - Scheduled dates for installation

SUBMITTAL ADMINISTRATIVE REOUIREMENTS 1.4

- Architect's Digital Data Files: Electronic digital data files of the Contract Drawings will not be provided by Architect for Contractor's use in preparing submittals.
- B. Coordination: Coordinate preparation and processing of submittals with performance of construction activities.
 - 1. Coordinate each submittal with fabrication, purchasing, testing, delivery, other submittals, and related activities that require sequential activity.
 - Submit all submittal items required for each Specification Section concurrently unless partial submittals for portions of the Work are indicated on approved submittal schedule. Submit action submittals and informational submittals required by the same
 - Specification Section as separate packages under separate transmittals. Coordinate transmittal of different types of submittals for related parts of
 - the Work so processing will not be delayed because of need to review submittals concurrently for coordination.
 - Architect reserves the right to withhold action on a submittal requiring coordination with other submittals until related submittals are received.
- Processing Time: Allow time for submittal review, including time for resubmittals, as follows. Time for review shall commence on Architect's receipt of submittal. No extension of the Contract Time will be authorized because of failure to transmit submittals enough in advance of the Work to permit processing, including resubmittals.
 - 1. Initial Review: Allow 15 days for initial review of each submittal. Allow additional time if coordination with subsequent submittals is required. Architect will advise Contractor when a submittal being processed must be delayed for coordination.
 - 2. Intermediate Review: If intermediate submittal is necessary, process it in same manner as initial submittal.
 - Resubmittal Review: Allow 15 days for review of each resubmittal.
 - Sequential Review: Where sequential review of submittals by Architect's consultants, Owner, or other parties is indicated, allow 21 days for initial review of each submittal.
- D. Paper Submittals: Place a permanent label or title block on each submittal item for identification.
 - Indicate name of firm or entity that prepared each submittal on label or title
- 2. Provide a space approximately 6 by 8 inches on label or beside title block to record Contractor's review and approval markings and action taken by Architect
- Include the following information for processing and recording action taken:
- Project name.
- Date. b. Name of Architect.
- Name of Contractor.
- Name of subcontractor.
- Name of supplier.

- Name of manufacturer. Submittal number or other unique identifier, includi identifier.
 - Submittal number shall use Specification Sect followed by a decimal point and then a sequer (e.g., 061000.01). Resubmittals shall include as suffix after another decimal point (e.g., 061000.01
- Number and title of appropriate Specification Section.
- Drawing number and detail references, as appropriate.
- Location(s) where product is to be installed, as appropriat Other necessary identification.
- 4. Transmittal for Paper Submittals: Assemble each submittal indiv appropriately for transmittal and handling. Transmit each subm transmittal form. Architect will return without review submitt from sources other than Contractor.
 - a. Transmittal Form for Paper Submittals: Use form accept Architect.
 - b. Transmittal Form for Paper Submittals: Provide location for the following information:
 - 1) Project name.
 - Date. Destination (To:).
 - Source (From:).
 - Name and address of Architect.
 - Name of Contractor.
 - Name of firm or entity that prepared submittal. Names of subcontractor, manufacturer, and suppli-
 - Category and type of submittal.
 - 10) Submittal purpose and description.
 - 11) Specification Section number and title. 12) Drawing number and detail references, as appropri
 - 13) Indication of full or partial submittal.
 - 14) Submittal and transmittal distribution record
 - 15) Remarks. 16) Signature of transmitter.
- Electronic Submittals: Identify and incorporate information in each submittal file as follows:
- 1. Assemble complete submittal package into a single incorporating submittal requirements of a single Specification transmittal form with links enabling navigation to each item.
- 2. Name file with submittal number or other unique identifie revision identifier.
 - a. File name shall use project identifier and Specificat number followed by a decimal point and then a sequen (e.g., LNHS-061000.01). Resubmittals shall include an suffix after another decimal point (e.g., LNHS-061000.01
- 3. Provide means for insertion to permanently record Contractor's
- approval markings and action taken by Architect.
- Transmittal Form for Electronic Submittals: Use electronic form to the Architect, containing the following information:
 - a. Project name.

 - Name and address of Architect.
 - Name of Contractor.
 - Name of firm or entity that prepared submittal.
 - Names of subcontractor, manufacturer, and supplier. Category and type of submittal.
 - Submittal purpose and description.
 - Specification Section number and title.
 - Drawing number and detail references, as appropriate.
 - Location(s) where product is to be installed, as appropriat
 - Related physical samples submitted directly. Indication of full or partial submittal.
 - Submittal and transmittal distribution record.
 - Other necessary identification.
- Remarks.

E

- Options: Identify options requiring selection by Architect.
- Deviations and Additional Information: On an attached separate she on Contractor's letterhead, record relevant information, requests for da other than those requested by Architect on previous submittals, and from requirements in the Contract Documents, including minor var limitations. Include same identification information as related submitta
- Resubmittals: Make resubmittals in same form and number of copi submittal.
- Note date and content of previous submittal. 2. Note date and content of revision in label or title block and clea
- extent of revision. Resubmit submittals until they are marked with approval no Architect's action stamp.
- Distribution: Furnish copies of final submittals to manufacturers, sub suppliers, fabricators, installers, authorities having jurisdiction, an necessary for performance of construction activities. Show dist transmittal forms.
- Use for Construction: Retain complete copies of submittals on Proje only final action submittals that are marked with approval no Architect's action stamp.

PART 2 - PRODUCTS

- SUBMITTAL PROCEDURES 2.1
- A. General Submittal Procedure Requirements: Prepare and submi required by individual Specification Sections. Types of submittals are individual Specification Sections.
 - 1. Submit electronic submittals via email as PDF electronic files
 - Architect will return annotated file. Annotate and retain file as an electronic Project record document file.
- B. Product Data: Collect information into a single submittal for each construction and type of product or equipment.
 - 1. If information must be specially prepared for submittal because standard published data are not suitable for use, submit as Shop Drawings, not as Product Data.

ing revision		2. 3.	applicab	ch copy of each submittal to show which products and options are le. the following information, as applicable:	G.	Material Test testing agence for compliant
tion number ntial number n alphabetic l.A).			b. M c. St d. St	Ianufacturer's catalog cuts. Ianufacturer's product specifications. tandard color charts. tatement of compliance with specified referenced standards. esting by recognized testing agency.	H.	Product Tes produced b Documents. witnessed by qualified test
ate.			f. A g. N	pplication of testing agency labels and seals. otation of coordination requirements. vailability and delivery time information.	I.	Field Test R field tests p
ividually and		4.	For equ applicab	ipment, include the following in addition to the above, as le:		installed in Documents.
nittal using a tals received				Viring diagrams showing factory-installed wiring. rinted performance curves.	2.2	DELEGATE
ptable to the			d. C	perational range diagrams. learances required to other construction, if not indicated on ecompanying Shop Drawings.	А.	Performance certifications the Contract
ons on form		5. 6.		Product Data before or concurrent with Samples. Product Data in the following format:		 performance 1. If crit
			b. O	DF electronic file. ne paper copy of Product Data unless otherwise indicated. rchitect will not return copies.	B.	requir Delegated-D Data, and ot
er.	C.	Do	•	s: Prepare Project-specific information, drawn accurately to scale. Shop Drawings on reproductions of the Contract Documents or d data.		and two pap professional, designed or o
iate.		1.	-	ion: Fully illustrate requirements in the Contract Documents. the following information, as applicable:		1. Indica criteri factor
late.			b. So	lentification of products. chedules. ompliance with specified standards.	PART 3	- EXECUTIO
			d. N	onpliance with specified standards. otation of coordination requirements. otation of dimensions established by field measurement.	3.1	CONTRACT
ch electronic			f. R in	elationship and attachment to adjoining construction clearly dicated.	A.	Action and coordination
indexed file Section and		2.	-	eal and signature of professional engineer if specified. ze: Except for templates, patterns, and similar full-size drawings,		Contract Do stamp before
er, including			submit S than 24 l	Shop Drawings on sheets at least 8-1/2 by 11 inches, but no larger by 36 inches.	B.	Approval Sta
tion Section		3.	a. Pl	Shop Drawings in the following format: DF electronic file. ne opaque (bond) copies of each submittal. Architect will not		Project nam number, nam that submitta Contract Doo
ntial number in alphabetic 1.A).	D.	Sam	re	nit Samples for review of kind, color, pattern, and texture for a	3.2	ARCHITEC
s review and	D.	chec	k of these	characteristics with other elements and for a comparison of these between submittal and actual component as delivered and installed.	Э.2 А.	Action Subn
m acceptable		1.		t Samples that contain multiple, related components such as ies together in one submittal package.		corrections of with an action
		2.	Identific followin	ation: Attach label on unexposed side of Samples that includes the g:	B.	Informationa it, or will ret each submitt
			b. Pi c. Sa	eneric description of Sample. roduct name and name of manufacturer. ample source.	C.	Partial subm partial subm
			e. Sj	umber and title of applicable Specification Section. pecification paragraph number and generic name of each item.	D.	Incomplete will be return
nte.		3.	correspo	ojects where electronic submittals are required, provide nding electronic submittal of Sample transmittal, digital image file ng Sample characteristics, and identification information for	E.	Submittals n Architect wi
		4.	quality-c Sample	ion: Maintain sets of approved Samples at Project site, available for control comparisons throughout the course of construction activity. sets may be used to determine final acceptance of construction ed with each set.		SECTION 01
eet, prepared ata, revisions			in ur	amples that may be incorporated into the Work are indicated in dividual Specification Sections. Such Samples must be in an indamaged condition at time of use.	PART 1	- GENERAL
nd deviations ariations and al.				amples not incorporated into the Work, or otherwise designated as wner's property, are the property of Contractor.	1.1	SUMMARY
ies as initial		5.	of units	for Initial Selection: Submit manufacturer's color charts consisting or sections of units showing the full range of colors, textures, and available.	А.	Section incl products for manufacture comparable j
early indicate			w be	umber of Samples: Submit two full set(s) of available choices here color, pattern, texture, or similar characteristics are required to e selected from manufacturer's product line. Architect will return	B.	In the event documents, precedence.
otation from		6.		Ibmittal with options selected. for Verification: Submit full-size units or Samples of size	1.2	DEFINITIO
bcontractors, nd others as tribution on			finished product variation	d, prepared from same material to be used for the Work, cured and in manner specified, and physically identical with material or proposed for use, and that show full range of color and texture is expected. Samples include, but are not limited to, the following:	1.2 А.	Products: Ite Project or tal terms "mater
ect site. Use otation from			containe swatches	ections of manufactured or fabricated components; small cuts or rs of materials; complete units of repetitively used materials; s showing color, texture, and pattern; color range sets; and ents used for independent testing and inspection.		1. Name includ manut
			re	umber of Samples: Submit three sets of Samples. Architect will tain two Sample sets; remainder will be returned. Mark up and tain one returned Sample set as a project record sample.		2. New anothe project
it submittals			1)			3. Comp submi dimen
it submittals e indicated in			2)		B.	other Basis-of-Des manufacture
one copy of	E.			Data: Prepare written information that demonstrates capabilities and firm or person. Include lists of completed projects with project		product," ind significant q physical pro
n element of		name		dresses, contact information of architects and owners, and other		evaluating of specification

F. Welding Certificates: Prepare written certification that welding procedures and personnel comply with requirements in the Contract Documents. Submit record of Welding Procedure Specification and Procedure Qualification Record on AWS forms. Include names of firms and personnel certified.

st Reports: Submit reports written by a qualified testing agency, on ncy's standard form, indicating and interpreting test results of material nce with requirements in the Contract Documents.

- est Reports: Submit written reports indicating that current product by manufacturer complies with requirements in the Contract Base reports on evaluation of tests performed by manufacturer and a qualified testing agency, or on comprehensive tests performed by a ting agency.
- Reports: Submit written reports indicating and interpreting results of performed either during installation of product or after product is its final location, for compliance with requirements in the Contract
- ED-DESIGN SERVICES
- and Design Criteria: Where professional design services or by a design professional are specifically required of Contractor by 1.4 Documents, provide products and systems complying with specific and design criteria indicated.
 - teria indicated are not sufficient to perform services or certification ired, submit a written request for additional information to Architect.
- besign Services Certification: In addition to Shop Drawings, Product ther required submittals, submit digitally signed PDF electronic file per copies of certificate, signed and sealed by the responsible design for each product and system specifically assigned to Contractor to be certified by a design professional.
 - ate that products and systems comply with performance and design ria in the Contract Documents. Include list of codes, loads, and other rs used in performing these services.

FOR'S REVIEW

- Informational Submittals: Review each submittal and check for with other Work of the Contract and for compliance with the cuments. Note corrections and field dimensions. Mark with approval submitting to Architect.
- tamp: Stamp each submittal with a uniform, approval stamp. Include ne and location, submittal number, Specification Section title and me of reviewer, date of Contractor's approval, and statement certifying tal has been reviewed, checked, and approved for compliance with the cuments.

CT'S ACTION

- nittals: Architect will review each submittal, make marks to indicate or revisions required, and return it. Architect will stamp each submittal on stamp and will mark stamp appropriately to indicate action.
- al Submittals: Architect will review each submittal and will not return turn it if it does not comply with requirements. Architect will forward tal to appropriate party.
- ittals prepared for a portion of the Work will be reviewed when use of ittals has received prior approval from Architect.
- submittals are unacceptable, will be considered nonresponsive, and ned for resubmittal without review.
- not required by the Contract Documents may be returned by the thout action.

3300

PRODUCT REQUIREMENTS

- ludes administrative and procedural requirements for selection of for use in Project; product delivery, storage, and handling; ers' standard warranties on products; special warranties; and PART 2 - PRODUCTS products.
- of disagreement between drawings and specifications or with either it is the better quality or greater quantity of work which shall take

NS

- ems obtained for incorporating into the Work, whether purchased for ken from previously purchased stock. The term "product" includes the rial," "equipment," "system," and terms of similar intent.
 - ed Products: Items identified by manufacturer's product name, ling make or model number or other designation shown or listed in facturer's published product literature, that is current as of date of the ract Documents.
 - Products: Items that have not previously been incorporated into her project or facility. Products salvaged or recycled from other
- ects are not considered new products. arable Product: Product that is demonstrated and approved through ittal process to have the indicated qualities related to type, function, ision, in-service performance, physical properties, appearance, and characteristics that equal or exceed those of specified product.
- sign Product Specification: A specification in which a specific er's product is named and accompanied by the words "basis-of-design cluding make or model number or other designation, to establish the ualities related to type, function, dimension, in-service performance, operties, appearance, and other characteristics for purposes of comparable products of additional manufacturers named in the

ACTION SUBMITTALS

Comparable Product Requests: Submit request for consideration of each comparable product. Identify product or fabrication or installation method to be

replaced. Include Specification Section number and title and Drawing numbers and titles.

- Architect's Action: If necessary, Architect will request additional information or documentation for evaluation within one week of receipt of a comparable product request. Architect will notify Contractor of approval or rejection of proposed comparable product request within 15 days of receipt of request, or seven days of receipt of additional information or documentation, whichever is later.
- a. Form of Approval: As specified in Section 013300 "Submittal Procedures.
- b. Use product specified if Architect does not issue a decision on use of a comparable product request within time allocated.
- B. Basis-of-Design Product Specification Submittal: Comply with requirements in Section 013300 "Submittal Procedures." Show compliance with requirements.

QUALITY ASSURANCE

Compatibility of Options: If Contractor is given option of selecting between two A. or more products for use on Project, select product compatible with products previously selected, even if previously selected products were also options.

PRODUCT DELIVERY, STORAGE, AND HANDLING

Deliver, store, and handle products using means and methods that will prevent damage, deterioration, and loss, including theft and vandalism. Comply with manufacturer's written instructions.

B. Delivery and Handling:

- Schedule delivery to minimize long-term storage at Project site and to prevent overcrowding of construction spaces.
- Coordinate delivery with installation time to ensure minimum holding time for items that are flammable, hazardous, easily damaged, or sensitive to deterioration, theft, and other losses.
- 3. Deliver products to Project site in an undamaged condition in manufacturer's original sealed container or other packaging system, complete with labels and instructions for handling, storing, unpacking, protecting, and installing.
- Inspect products on delivery to determine compliance with the Contract Documents and to determine that products are undamaged and properly protected.

C. Storage:

- 1. Store products to allow for inspection and measurement of quantity or counting of units.
- Store materials in a manner that will not endanger Project structure.
- Store products that are subject to damage by the elements, under cover in a weathertight enclosure above ground, with ventilation adequate to prevent condensation.
- 4. Protect foam plastic from exposure to sunlight, except to extent necessary for period of installation and concealment. 5. Comply with product manufacturer's written instructions for temperature,
- humidity, ventilation, and weather-protection requirements for storage. 6. Protect stored products from damage and liquids from freezing.

PRODUCT WARRANTIES 1.6

- Warranties specified in other Sections shall be in addition to, and run concurrent with, other warranties required by the Contract Documents. Manufacturer's disclaimers and limitations on product warranties do not relieve Contractor of obligations under requirements of the Contract Documents.
 - Manufacturer's Warranty: Written warranty furnished by individual manufacturer for a particular product and specifically endorsed by manufacturer to Owner.
- Special Warranty: Written warranty required by the Contract Documents to provide specific rights for Owner.
- B. Special Warranties: Prepare a written document that contains appropriate terms and identification, ready for execution.
 - Manufacturer's Standard Form: Modified to include Project-specific
 - information and properly executed 2. Specified Form: When specified forms are included with the Specifications,
 - prepare a written document using indicated form properly executed. Refer to other Sections for specific content requirements and particular requirements for submitting special warranties.

PRODUCT SELECTION PROCEDURES 2.1

- General Product Requirements: Provide products that comply with the Contract А. Documents, are undamaged and, unless otherwise indicated, are new at time of installation.
 - Provide products complete with accessories, trim, finish, fasteners, and other items needed for a complete installation and indicated use and effect. Standard Products: If available, and unless custom products or nonstandard
 - options are specified, provide standard products of types that have been produced and used successfully in similar situations on other projects. Owner reserves the right to limit selection to products with warranties not
 - in conflict with requirements of the Contract Documents. Where products are accompanied by the term "as selected," Architect will make selection.
 - Descriptive, performance, and reference standard requirements in the Specifications establish salient characteristics of products.
- Product Selection Procedures:
 - Product: Where Specifications name a single manufacturer and product, provide the named product that complies with requirements. Comparable products or substitutions for Contractor's convenience will not be considered.
 - Manufacturer/Source: Where Specifications name a single manufacturer or source, provide a product by the named manufacturer or source that complies with requirements. Comparable products or substitutions for Contractor's convenience will not be considered. Products:
- - a. Restricted List: Where Specifications include a list of names of both manufacturers and products, provide one of the products listed that complies with requirements. Comparable products or

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THEATRE ADA SEATING		
REVISED		

SHEET

OF

NUMBER

3 SHEETS

ARCHITECTURAL SPECIFICATIONS

substitutions for Contractor's convenience will not be considered unless otherwise indicated.

Nonrestricted List: Where Specifications include a list of names of both available manufacturers and products, provide one of the products listed, or an unnamed product, that complies with requirements. Comply with requirements in "Comparable Products" Article for consideration of an unnamed product.

4. Manufacturers:

- a. Restricted List: Where Specifications include a list of manufacturers' names, provide a product by one of the manufacturers listed that complies with requirements. Comparable products or substitutions for Contractor's convenience will not be considered unless otherwise indicated.
- b. Nonrestricted List: Where Specifications include a list of available manufacturers, provide a product by one of the manufacturers listed, or a product by an unnamed manufacturer, that complies with requirements. Comply with requirements in "Comparable Products" Article for consideration of an unnamed manufacturer's product.
- 5. Basis-of-Design Product: Where Specifications name a product, or refer to a product indicated on Drawings, and include a list of manufacturers, provide the specified or indicated product or a comparable product by one of the other named manufacturers. Drawings and Specifications indicate sizes, profiles, dimensions, and other characteristics that are based on the product named. Comply with requirements in "Comparable Products" Article for consideration of an unnamed product by one of the other named manufacturers.
- C. Visual Matching Specification: Where Specifications require "match Architect's sample", provide a product that complies with requirements and matches Architect's sample. Architect's decision will be final on whether a proposed product matches.
 - 1. If no product available within specified category matches and complies with other specified requirements, comply with requirements in Section 012500 "Substitution Procedures" for proposal of product.
- D. Visual Selection Specification: Where Specifications include the phrase "as selected by Architect from manufacturer's full range" or similar phrase, select a product that complies with requirements. Architect will select color, gloss, pattern, density, or texture from manufacturer's product line that includes both standard and premium items.

2.2 COMPARABLE PRODUCTS

- A. Conditions for Consideration: Architect will consider Contractor's request for comparable product when the following conditions are satisfied. If the following conditions are not satisfied, Architect may return requests without action, except to record noncompliance with these requirements:
 - 1. Evidence that the proposed product does not require revisions to the Contract Documents, that it is consistent with the Contract Documents and will produce the indicated results, and that it is compatible with other portions of the Work.
 - 2. Detailed comparison of significant qualities of proposed product with those named in the Specifications. Significant qualities include attributes such as performance, weight, size, durability, visual effect, and specific features and requirements indicated.
 - 3. Evidence that proposed product provides specified warranty.
 - List of similar installations for completed projects with project names and addresses and names and addresses of architects and owners, if requested.
 Samples, if requested.

PART 3 - EXECUTION (Not Used)

END OF SECTION 016000

SECTION 055213 - PIPE AND TUBE RAILINGS

PART 1 - GENERAL

- 1.1 SUMMARY
- A. Section Includes:
- 1. Steel railings.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Structural Performance: Railings, including attachment to building construction, withstand the effects of gravity loads and the following loads and stresses within limits and under conditions indicated:

- Handrails and Top Rails of Guards:
- a. Uniform load of 50 lbf/ ft. applied in any direction.
- b. Concentrated load of 200 lbf applied in any direction.c. Uniform and concentrated loads need not be assumed to act
- concurrently.

2.2 METALS, GENERAL

A. Metal Surfaces, General: Provide materials with smooth surfaces, without seam marks, roller marks, rolled trade names, stains, discolorations, or blemishes.

2.3 STEEL RAILINGS

- A. Tubing: ASTM A500/A500M (cold formed).
- B. Plates, Shapes, and Bars: ASTM A36/A36M.

2.4 FASTENERS

- . Fastener Materials:
 - Ungalvanized-Steel Railing Components: Plated steel fasteners complying with ASTM F1941/ASTM F1941M, Class Fe/Zn 5 for zinc coating.

- B. Post-Installed Anchors: Fastener systems with working capacity great equal to the design load, according to an evaluation report ac authorities having jurisdiction, based on ICC-ES AC193.
- Material for Interior Locations: Carbon-steel components zin comply with ASTM B633 or ASTM F1941/F1941M, Class Fe/Z otherwise indicated.
- 2.5 MISCELLANEOUS MATERIALS
 - Welding Rods and Bare Electrodes: Select in accordance with AWS spe for metal alloy welded.
- B. Universal Shop Primer: Fast-curing, lead- and chromate-free, universa alkyd primer complying with MPI#79 and compatible with topcoat.

FABRICATION

2.6

A. Cut, drill, and punch metals cleanly and accurately.

- 1. Remove burrs and ease edges to a radius of approximately 1/32 otherwise indicated.
- 2. Remove sharp or rough areas on exposed surfaces.
- B. Form work true to line and level with accurate angles and surfaces.
- Welded Connections: Cope components at connections to provide close fittings designed for this purpose. Weld all around at connections, in fittings.
- 1. Use materials and methods that minimize distortion and deve and corrosion resistance of base metals.
- Obtain fusion without undercut or overlap.
 Remove flux immediately.
- At exposed connections, finish exposed welds to comply with "Voluntary Joint Finish Standards" for Finish #1 welds; orname: with no evidence of a welded joint.
- D. Nonwelded Connections: Connect members with concealed mechanic and fittings. Fabricate members and fittings to produce flush, sme hairline joints.
- E. Bend members in jigs to produce uniform curvature for each correquired. Maintain cross section of member throughout entire be buckling, twisting, cracking, or otherwise deforming exposed secomponents.
- Close exposed ends of hollow railing members with prefabricated c fittings of same metal and finish as railings.
- G. Brackets, Flanges, Fittings, and Anchors: Provide flanges, miscellanec and anchors to interconnect railing members to other work unless indicated.
- H. Provide anchorage devices for connecting railings to concrete work.
- 1. Fabricate anchorage devices capable of withstanding loads in railings.
- 2. Coordinate anchorage devices with supporting structure.
- Toe Boards: Where indicated, provide toe boards at railings around op at edge of open-sided floors and platforms. Fabricate to dimensions indicated.
- 2.7 STEEL AND IRON FINISHES
- A. For nongalvanized-steel railings, provide nongalvanized ferrous-me brackets, fasteners, and sleeves; however, hot-dip galvanize and embedded in exterior concrete or masonry.
- B. Preparation for Shop Priming: Prepare uncoated ferrous-metal surfaces with SPC-SP 3.
- C. Primer Application: Apply shop primer to prepared surfaces of rail otherwise indicated. Comply with requirements in SSPC-PA 1 for sho Primer need not be applied to surfaces to be embedded in concrete.
- 1. Shop prime uncoated railings with universal shop primer indicat
- Shop-Painted Finish when possible: Comply with Section 09912 Painting.
- 1. Color: Match Architect's sample.

PART 3 - EXECUTION

D.

3.1

- INSTALLATION, GENERAL
- A. Perform cutting, drilling, and fitting required for installing railings.
- 1. Install railings level, plumb, square, true to line; without distort
- rack.
 Set railings accurately in location, alignment, and elevation; mea established lines and levels.
- 3. Do not weld, cut, or abrade surfaces of railing components that or finished after fabrication and that are intended for field con mechanical or other means without further cutting or fitting.
- Set posts plumb within a tolerance of 1/16 inch in 3 feet.
 Align rails so variations from level for horizontal members ar from parallel with rake of stars and ramps for sloping mem
- from parallel with rake of steps and ramps for sloping members exceed 1/4 inch in 12 feet.
- 3.2 ANCHORING POSTS
 - Anchor posts to metal surfaces with flanges, angle type, or floor type, by conditions, connected to posts and to metal supporting members.
- 3.3 CLEANING

Α.

- A. Clean by washing thoroughly with clean water and soap and rinsing water.
- END OF SECTION 055213

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	SECTIO		
reater than or acceptable to	PART 1	- GENERAL	3.2 A.
inc-plated to	1.1	SUMMARY	
e/Zn 5, unless	А.	Section Includes:	B.
		 Framing with dimension lumber. Subflooring. 	C.
specifications	PART 2	- PRODUCTS	
sal modified-			
	2.1	WOOD PRODUCTS, GENERAL Lumber: Comply with DOC PS 20 and applicable rules of grading agencies	END OF
	А.	indicated. If no grading agency is indicated, comply with the applicable rules of any rules-writing agency certified by the ALSC Board of Review. Grade lumber by an agency certified by the ALSC Board of Review to inspect and grade lumber under the rules indicated.	SECTIO
2 inch unless		 Factory mark each piece of lumber with grade stamp of grading agency. 	PART 1
	В.	Maximum Moisture Content:1. Dimension Lumber: 19 percent unless otherwise indicated.	1.1
ose fit, or use	2.2	DIMENSION LUMBER FRAMING	А.
including at	2.2 A.	Framing Other Than Non-Load-Bearing Partitions by Grade: No. 2 grade.	1.2
elop strength	11.	 Species: 	A.
		a. Hem-fir (north); NLGA.	1.2
h NOMMA's nental quality		b. Douglas fir-larch; WCLIB or WWPA.	1.3
	2.3	SUBFLOORING	А.
ical fasteners mooth, rigid,	А.	Plywood Combination Subfloor-Underlayment: DOC PS 1, single-floor panels.	
configuration pend without		 Span Rating: Not less than 24. Nominal Thickness: Not less than ³/₄ inch. Edge Detail: Tongue and groove. Surface Finish: Fully sanded face. 	В.
surfaces of			1.4
cap and end	2.4	METAL FRAMING ANCHORS	А.
eous fittings, ess otherwise	Α.	Allowable design loads, as published by manufacturer, are to meet or exceed those indicated. Manufacturer's published values are to be determined from empirical data or by rational engineering analysis and demonstrated by comprehensive testing performed by a qualified independent testing agency. Framing anchors are to be punched for fasteners adequate to withstand same loads as framing anchors.	
	B.	Galvanized-Steel Sheet: Hot-dip, zinc-coated steel sheet complying with ASTM A653/A653M, G60 coating designation.	1.5
imposed by		1. Use for interior locations unless otherwise indicated.	А.
openings and as and details	2.5	MISCELLANEOUS MATERIALS	B.
is and details	А.	Adhesives for Field Gluing Panels to Wood Framing: Formulation complying with ASTM D3498 that is approved for use with type of construction panel	
		indicated by manufacturers of panels.	PART 2
netal fittings, nchors to be	2.6	FASTENERS	2.1
ees to comply	А.	General: Fasteners are to be of size and type indicated and comply with requirements specified in this article for material and manufacture. Provide screws, in sufficient length, to penetrate not less than 1-1/2 inches into wood substrate.	A. B.
ailings unless hop painting.	В.	Power-Driven Fasteners: Fastener systems with an evaluation report acceptable to authorities having jurisdiction, based on ICC-ES AC70.	
ated.	C.	Post-Installed Anchors: Fastener systems with an evaluation report acceptable to	
123 "Interior		authorities having jurisdiction, based on ICC-ES AC01, ICC-ES AC58, ICC-ES AC193 or ICC-ES AC308 as appropriate for the substrate.	
	PART 3	- EXECUTION	C.
	3.1	INSTALLATION	D.
	А.	Framing Standard: Comply with AF&PA's WCD 1, "Details for Conventional Wood Frame Construction," unless otherwise indicated.	
	В.	Set work to required levels and lines, with members plumb, true to line, cut, and fitted. Fit rough carpentry accurately to other construction. Locate nailers,	PART 3
tion, warp, or		blocking, and similar supports to comply with requirements for attaching other construction.	3.1 A.
leasured from	C.	Install metal framing anchors to comply with manufacturer's written instructions. Install fasteners through each fastener hole.	л.
at are coated onnection by	D.	Do not use materials with defects that impair quality of sheathing or pieces that	B.
nd variations nbers do not		are too small to use with minimum number of joints or optimum joint arrangement. Arrange joints so that pieces do not span between fewer than three support members.	C.
	E.	Cut panels at penetrations, edges, and other obstructions of work; fit tightly against abutting construction unless otherwise indicated.	
	F.	Securely attach carpentry work to substrate by anchoring and fastening as indicated, complying with the following:	3.2
e, as required		 Table 2304.9.1, "Fastening Schedule," in ICC's International Building Code (IBC). 	A.
ng with clean	G.	Use common screws unless otherwise indicated. Select fasteners of size that will not fully penetrate members where opposite side will be exposed to view or will receive finish materials. Make tight connections. Install fasteners without splitting wood.	B.

indicated. Allow panels to equalize in the environment for minimum of 72 hours. Fastening Methods: Fasten panels as indicated below: 1. Combination Subfloor-Underlayment: Glue and screw to wood sleepers. Space panels tight at edges and 1/8 inch apart at ends. b. SECTION 061000 ON 099123 - INTERIOR PAINTING - GENERAL SUMMARY Section includes surface preparation and the application of paint systems on interior substrates. DEFINITIONS MPI Gloss Level 5: 35 to 70 units at 60 degrees, according to ASTM D 523. ACTION SUBMITTALS Product Data: For each type of product. Include preparation requirements and application instructions. 1. Include Printout of current "MPI Approved Products List" for each product category specified, with the proposed product highlighted. Samples for Verification: For each type of paint system and in each color and gloss of topcoat. DELIVERY, STORAGE, AND HANDLING Store materials not in use in tightly covered containers in well-ventilated areas with ambient temperatures continuously maintained at not less than 45 deg F. 1. Maintain containers in clean condition, free of foreign materials and residue 2. Remove rags and waste from storage areas daily. FIELD CONDITIONS Apply paints only when temperature of surfaces to be painted and ambient air temperatures are between 50 and 95 deg F. Do not apply paints when relative humidity exceeds 85 percent; at temperatures less than 5 deg F above the dew point; or to damp or wet surfaces. - PRODUCTS PAINT, GENERAL MPI Standards: Products shall comply with MPI standards indicated and shall be listed in its "MPI Approved Products Lists." Material Compatibility: 1. Materials for use within each paint system shall be compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience. 2. For each coat in a paint system, products shall be recommended in writing by topcoat manufacturers for use in paint system and on substrate indicated. Paint Manufacturer: Sherwin-Williams, PPG - Glidden Professional and Devoe High Performance Coatings Colors: As indicated: 1. As selected by owner.

WOOD PANEL INSTALLATION

General: Comply with applicable recommendations in APA Form No. E30,

"Engineered Wood Construction Guide," for types of panels and applications

PART 3 - EXECUTION

1 EXAMINATION

- A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
- 3. Verify suitability of substrates, including surface conditions and compatibility, with existing finishes and primers.
- C. Proceed with coating application only after unsatisfactory conditions have been corrected.
 - 1. Application of coating indicates acceptance of surfaces and conditions.

2 PREPARATION

- A. Comply with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual" applicable to substrates and paint systems indicated.
- B. Remove hardware, covers, plates, and similar items already in place that are removable and are not to be painted. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and painting.
 - 1. After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection if any.

- C. Clean substrates of substances that could impair bond of paints, including dust, dirt, oil, grease, and incompatible paints and encapsulants.
- 1. Remove incompatible primers and reprime substrate with compatible primers or apply tie coat as required to produce paint systems indicated.
- 3.3 APPLICATION
- A. Apply paints according to manufacturer's written instructions and to recommendations in "MPI Manual."
 - Use applicators and techniques suited for paint and substrate indicated.
 Paint surfaces behind movable equipment and furniture same as similar exposed surfaces. Before final installation, paint surfaces behind
 - permanently fixed equipment or furniture with prime coat only.3. Primers specified in painting schedules may be omitted on items that are factory primed or factory finished if acceptable to topcoat manufacturers.
- B. Tint each undercoat a lighter shade to facilitate identification of each coat if multiple coats of same material are to be applied. Tint undercoats to match color of topcoat, but provide sufficient difference in shade of undercoats to distinguish each separate coat.
- C. If undercoats or other conditions show through topcoat, apply additional coats until cured film has a uniform paint finish, color, and appearance.
- D. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks.
- 3.4 FIELD QUALITY CONTROL
- A. Dry Film Thickness Testing: Owner may engage the services of a qualified testing and inspecting agency to inspect and test paint for dry film thickness.
 - Contractor shall touch up and restore painted surfaces damaged by testing.
 If test results show that dry film thickness of applied paint does not comply with paint manufacturer's written recommendations, Contractor shall pay for testing and apply additional coats as needed to provide dry film thickness that complies with paint manufacturer's written recommendations.
- 3.5 CLEANING AND PROTECTION
- A. At end of each workday, remove rubbish, empty cans, rags, and other discarded materials from Project site.
- B. After completing paint application, clean spattered surfaces. Remove spattered paints by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.
- C. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by Architect, and leave in an undamaged condition.
- D. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces.
- 3.6 INTERIOR PAINTING SCHEDULE
 - Steel Substrates: Including railings and plates, etc.
 - 1. Water-Based Light Industrial Coating System:
 - a. Prime Coat: Primer, rust-inhibitive, water based MPI #107 (not
 - required at locations with prior paint or prime finish).Intermediate Coat: Light industrial coating, interior, water based, and
 - matching topcoat.
 c. Topcoat: Light industrial coating, interior, water based, semi-gloss (MPI Gloss Level 5), MPI #153.

END OF SECTION 099123

А.

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THEATRE ADA SEATING JOLIET JUNIOR COLLEGE - BUILDING K 1215 HOUBOLT ROAD JOLIET, ILLINOIS
DATE: 11/21/2024 REVISED:
PROJECT NO. 2407-01
sheet number