			CUDMITT	AL REGISTER	TITLI	AND	LOC	ATIO	N:																PROJECT DATE: (MONTH/YEAR)
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		CONTRACT MOI	DIFICATIO	N PROCEDURES																					
		01 26 00	1.3	Contract Modification Procedures	х										П		х								
		ADMINISTRATIV	E REQUIF	REMENTS																					
		01 30 00		Substitutions	Х	Х		х									Х								
		01 30 00	1.11	Requests for Information								X			Х										
		01 30 00	1.12	Project Meeting Minutes								X					Х								
		01 30 00		Project Register								X					Х								
		01 30 00		Contractor Production Reports								Х					Х								
		01 30 00		Record Photographs								Х					х								
				ESS DOCUMENTATION	L ,																				
		01 32 16		Preliminary Project Schedule	Х												X								
		01 32 16	1.6	Phasing Schedule (Add/Alter Projects)	Х	_								_			X								
		01.00.10	1.7	Project Schedules and Requirements for	х												х								
		01 32 16 01 32 16		Maintaining Progress Changes	++	-						Х			+		х								
		01 32 16		Short Interval Schedules				_				X		-	х		^								
		PHASED CONST			1 '	-1	1 1			- 1					1^	.									
				Phasing Schedule (Add/Alter Projects)	х	1			1 1							1 1	х								
		SUSTAINABLE D			1 '	-1			' '	,	,					' '									
		01 33 29		Sustainable Design Action Plans									Х		х										
		01 33 29		Sustainable Design Progress Reports							Х		Х		Х										
				Sustainable Design Documentation		х							х		х										
		01 33 29		Submittals		^							^	•	^										
		GOVERNMENT																							
		01 35 26		Fire Prevention Plan	Х					Х							Х								
		01 35 26		Safety Plan	Х				Х	Х							Х								
		01 35 26		Security Plan	х				Х	Х							X								
				DURES FOR REFRIGERANTS		1	1 1			- 1	1			١,,		1 1	v								
		01 35 43.19		Refrigerant log book										х			X								
		INDOOR AIR QU 01 35 46			x	Iv	1 1		1 1	1	- 1					1 1	х								
		01 35 46		Supplementary Condition Schedule Material safety data sheets	^	X									+		X								
		QUALITY CONTE		ivialendi salety dala sileets	1 '	- ^	1 1	_ !	- 1 - 1	- 1	- 1						^								
		01 45 00		Quality Control Plan		1			1 1	- 1		x					х								
		01 45 00		Complete Submittal Register and Schedule				_	\dashv	-		X		+	1	1 1	x								
		01 45 00	1.3	Quality Control Report								X			х										
		01 45 00	1.3	Testing Plan and Log				1				X		1	X										
		01 45 00	1.3	Monthly summary report of field tests								х			х										
		01 45 00	1.3	QC Meeting Minutes								х			х										
		01 45 00	1.3	Rework items list								Х			Х										
		01 45 00		QC Certifications	Ш							Х			Х										
		01 45 00		QC Punch List			LΤ					Х			Х	1]	I								
				AND CONTROLS	Ι.,																				
		01 50 00		Temporary Utilities Plan	X									1	_		X								
		01 50 00		Temporary Support Facilities Plan	Х		\sqcup	_	-1	_	_ _			-	1		X								
\vdash		01 50 00		Temporary Administration Trailer	X	-	\vdash	+				-		-	1		X								
		01 50 00		Temporary Security and Protection Plan	Х	-			1 1							1 1	Х								
		01 56 39		PLANT PROTECTION Product Data	X	x	1 1	1	1 1	1	ı					1 1	х								
\vdash		01 56 39		Qualification Data	X	+^	\vdash	+		х					┢		X						\vdash		
\vdash		01 56 39		Certification	^			-		X				-	х		^				\vdash		\vdash		
\vdash		01 56 39		Maintenance Recommendations				+		_	-		х	-	x										
\vdash		010000	1.00	mamoriano riccommendatione	1										_ ^	- 1 - 1			1						

			SURMITT	AL REGISTER	TITLE	ANE	LOC	ATIO	ON:																	PROJECT DATE: (MONTH/YEAR)
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		CLOSEOUT PRO	CEDURE	S																						
		01 77 00	1.3	Maintenance Manuals											Х		Х									
		01 77 00	1.4	Instruction Certificate											Х		X									
		01 77 00		Warranties											Х		X									
		01 77 00		Record Drawings											X		X									
		01 77 00		Record Specifications											X		X									
		01 77 00		QC Punch List											X		X									
		01 77 00		Equipment List											X		X									
		01 77 00		Real Property Records											X		Х									
		DEMONSTRATIO			1		1					1				1										
\vdash		01 79 00 01 79 00		Instruction Program and Manuals		+	+					-	X			1	X									
		01 79 00		Qualification Data for instructor		-	-						X				X									
		01 79 00		Attendance Record for each training module			-				\vdash		X				X									
		01 79 00		Evaluations for each participant Demonstration and Training videotapes		+	+						X				X									
				IG REQUIREMENTS	- 1	-1	-				1 1		^	1			^									
				Commissioning Plan	х		1				1 1				х		х									
+		01 91 13		Start-Up Text Reports	^					(X			+								
		01 91 13		Pre-Functional Test Reports	х					-					X		Х	+								
		01 91 13		Functional Test Reports					2	(X		X									
		DEMOLITION				1	'			-		,		1		,										
		02 41 00	1.2A	Site Plan	Х												Х									
		02 41 00	1.2B	Demolition Plan	Х												Х									
		02 41 00	1.2C	Proposed Protection Measures	Х												Х									
				Record locations of capped and active utilities											х		х									
		02 41 00		and subsurface construction																						
		02 41 00		Warranties							Ш				Х		Х									
				AMP DISPOSAL		1										- 1										
		02 84 16		Certificates		-	-		Н,	, X							X	-								
		02 84 16 CAST-IN-PLACE		Field Test Reports		-	-			`			-	1		- 1	^									
		CAST-IN-PLACE		Data for Admixtures, vapor retarders, and slab	- 1	1	1				1 1			1												
		03 30 00		treatments.		Х											X									
		03 30 00		LEED documentation for recycled content										Х		х		+								
		03 30 00		Design mixtures for each concrete mix					X X	(Х									
																		1								
		03 30 00	1.4 D	Statement of material content and proportions						Х							х									
				Detail fabrication, bending, and placement of)	,											х									
		03 30 00		steel reinforcement.	′	`																				
		03 30 00	1.4 F	Vapor retarder				X									X									
				Field Quality Control Tests and Inspection					,	(x									
-		03 30 00		Reports		-	1			-				-				-								
		03 30 00		ACI 301 Sections 1 through 5			X										X	-								
\vdash		03 30 00		Special Inspection Reports Saw cutting system		х	+		2	`		-					X	+								
-		03 30 00				-				x	\vdash						X									
		03 30 00 INSULATED FRE		Qualification Data	- 1	1	1			1 ^		- 1	-1				^									
					1	×	1					1	1			1	v									
				Data for insulation and vent piping materials		X	.										х									
				AB REPAIRS AND JOINT FILLER REPLACEM	ENT	١,,	1					1	1			1	x									
-				For each type Qualification Data		Х	-		-					\vdash			X	-	-			\vdash		\vdash		
				Qualification Data OOR FINISHING FOR EXISTING FACILITIES		1	1			X							^									
		I OLIGHED COM	ONETEFL	OUT THISHING FOR EXISTING FAUILITIES																						

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		03 35 40	1.4 A	For each type		X											X									
		03 35 40		Qualification Data						Х							Х									
		03 35 40	1.4 C	Pre-Certified Installers						Х							Х									
				OOR FINISHING FOR NEW CONSTRUCTION	1																					
		03 35 43		For each type		Х											X									
		03 35 43		Qualification Data						Х							X									
				Pre-Certified Installers						Х							Х									
		POLISHED CON															1									
				For each type		Х				-							X									
		03 35 44		Qualification Data						X							X									
				Pre-Certified Installers		-	1	1		X							Х									
		PRECAST ARCH 03 45 00		AL CONCRETE For each type of product		x	. 1	1		1	1		1			1	х									
		03 43 00	1.4 A	LEED documentation for recycled content and		^											^	-								
		03 45 00	1.4 B	regional materials										Х		Х										i
		03 45 00		Design mixtures for each concrete mix					хх								х	+								
		00 10 00	10	Detail fabrication of precast architectural		_																				
		03 45 00	1.4 D	concrete)	(х									i
		03 45 00		For each type				Х									Х									
		03 45 00		Welding certificates						Х						X										
		03 45 00		Material certificates						Х						Х										
		03 45 00		Installaer Qualfications						Х							X									
		03 45 00		Fabricator Qualifications						Х							Х									
		03 45 00		Special Inspector Qualifications						Х						_	Х									
		03 45 00		Special Inspection Reports))								X									
		03 45 00		Test Reports		- 1	-		×	٠							Х									
		TILT-UP CONCR 03 47 13		For each type of product	1	Х	.	1		1		- 1		1		- 1	х									
		03 47 13	1.5 A	LEED documentation for recycled content and		_^						-					^	-								
		03 47 13	1.3 B	mixtures										х		Х										i l
		03 47 13		Design mixtures for each concrete mix					хх								Х									
		03 47 13	1.3 D	Detail fabrication of tilt-up concrete)	(Х									
		03 47 13		Material certificates						Х						Х										
		03 47 13	1.3 F	Special Inspection Reports					X	:							X									
		UNIT MASONRY										,		1		,										
		04 20 00	1.5 A	Reinforcing Steel)	(_					Х	4								
		04.00.00	4.5.0	LEED documentation for recycled content and										х		х										i
		04 20 00	1.5 B	regional materials Masonry Units and Face Brick, cementitious								-														
				materials, reinforcing bars, joint																						
				reinforcement, misc anchors, ties, and metal						Х							Х									i l
		04 20 00	1.5 C	accessories																						i l
				For each type and color masonry and brick				х									х									
		04 20 00		and precast items				Α.																		i
		04 20 00	1.5 E	For each type mortar and grout	LI				X								Х	Ţ					-			
				Statement of Compressive Strength of						x						х										1
		04 20 00	1.5 F	Masonry								_ _						_								
		04 20 00	1.5 G	Field Quality control tests and inspection					X								Х									
1 I		04 20 00	1.5 H	Special Inspection Reports			1		Х	[]					[Х									
		04 20 00		Testing Agency and Special Inspectors						х							х	T								
		STRUCTURAL S				1	1	1	- I	1 ~							-									
				For each type		х	: 1			1							х									
\Box		00 12 00	1.7 /	i or odori typo		^						_								ı	·			L		

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		05 12 00	1.4 B	LEED documentation for recycled content		T								Х		Х										
		05 12 00		Detail fabrication of structural steel		(Х									
		05 12 00	1.4 D	Welding certificates						X							Х									
		05 12 00	1.4 E	Mill test reports, hardware, direct-tension indicators, shop primers, anchor and threaded rods, anchors, and grout					х							х										
		05 12 00	1.4 F	Manufacturer Certifications						Х						Х										
									х	+							х	-								
		05 12 00	1.4 G	Special inspection reports		+			^				-				^									
		05 12 00	1 1 🗆	Erector, Fabricator, Special Inspector qualifications						X							Х									
		STEEL JOIST FF		quamications		-1-	-1	1				- 1	-1	1		1										
		STEEL JOIST FF	AWIING	For each type of joist, accessory, and product		1	1	1		1 1	- 1		1				- 1									
		05 21 00	1.2 A	indicated.		×											х									
		05 21 00		LEED documentation for recycled content and/or VOC documentation		×	:							х		х										
				Show layout, mark, number, type, location, and spacings of joists. Indicate locations and details of anchorage devices and bearing plates. Submit calculations sealed by a	3	(x									
		05 21 00	1.2 C	Professional Engineer.																						
		05 21 00		Field quality-control test reports					Х								Х									
		05 21 00		Welding certificates						Х						Х										
		05 21 00 STEEL DECKING		Installer and special inspector qualifications						х							х									
		05 30 00		For each type		X							1				Х									
				LEED documentation for recycled content		×	,							х		х										
		05 30 00	1.2 B	and/or VOC documentation		^	•							^		Α.										
		05 30 00	1.2 C	Show layout and types		(X									
				Field quality-control test and inspection					l x								х									
		05 30 00		reports.		-				v																
		05 30 00		Welding certificates						X						Х										
		05 30 00 COLD-FORMED	METAL F				. 1	1		x						,	х									
+		05 40 00		For each type LEED documentation for recycled content	-	X					\dashv		+	Х		X										
		05 40 00		Welding Certificate		Ť	+	1		Х	-+		+	1		^	х									
		05 40 00		Special Inspection Reports								Х					X									
				Include layout, spacing, sizes, thicknesses, and types of cold-formed steel framing; fabrication; and fastening and anchorage	2	(х									
		05 40 00		details, including mechanical fasteners.																						
		05 40 00		For framing and connections		1			X								Х									
		05 40 00		Installer and special inspector qualifications						X							Х									
		METAL FABRICA			١.						,															
		05 50 13		Include plans, elevations, sections, details	1	(L.			_						X					<u> </u>				
		05 50 13	1.3 B	Each type	-	+	-	Х					1	-			Х	_								
				Welding certificates	\vdash	\perp	_	<u> </u>		Х		_		-		Х	v	_				 		!		
\vdash		05 50 13		Special inspection reports	\vdash	-			Х				1			\vdash	X	_				1				
\vdash		05 50 13		For each type	-	X	-	1	v		-+		1	+-			X									
+		05 50 13 05 50 13		For each installed product LEED documentation for recycled content	-	×			Х		\dashv		+	Х		х	^									
+				Qualfication Data	-	+^	-	1		х	-+		1	^		^	х									
ш		00 00 13	1.5 🗆	συμποαιίοπ ματα				1		^			_	1	L		^			l	·			L		

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		METAL STAIRS																								
		05 51 00	1.3 A	LEED documentation for recycled content		Х								Х		Х										
		05 51 00		Include plans, elevations, sections, details		(X									
		05 51 00		Welding certificates						X						Х										
		05 51 00		Special inspection reports					Х								Х									
		05 51 00	1.3 E	For each installed product					Х								Х									
		PIPE RAILINGS 05 52 00	1.3 A	LEED decumentation for recycled content	١.,	×	1 1	1				- 1	1	×		v	- 1									
		05 52 00	1.3 A	LEED documentation for recycled content Include plans, elevations, sections, details,										^		Х										
		05 52 00	1.3 B	and attachments to other work.		(х								
		05 52 00		Welding Certificates						х								х								
		05 52 00	1.3 D	Special Inspection Reports					Х									Х								
				For installed products indicated to comply with performance requirements and design criteria, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation. Include					x									x								
		05.50.00		design submittal with the corresponding shop																						
		05 52 00 ROUGH CARPE		drawings.																						
		06 10 00		For each type of process and product		х	1 1	- 1				- 1		1			х									
		06 10 00		LEED documentation for chain of custody. VOC content, formaldehyde verification		^							t	х		х	^									
		SHEATHING	404	Francisco de la contrata del contrata de la contrata del contrata de la contrata del contrata de la contrata de la contrata de la contrata del contrata de la contrata del contrata de la contrata del contrata de la contrata del contrata del contrata de la contrata de la contrata del contrata	l ,	x		1	- 1			1		1		- 1	х									
			1.2 B HITECTUR	For each type of process and product LEED documentation for chain of custody. VOC content, formaldehyde verification AL WOODWORK										x		x										
		06 40 23	1.3A	All products		Х											Х	_								
		06 40 23	1.3B	LEED documentation for chain of custody. Recycled content, VOC content, formaldehyde verification Show location of each cabinet, dimensioned										x		X										
				plans and elevations, large-scale details, attachment devices.		(х									
		06 40 23	1.3C	and other components.																						
		06 40 23		All products and finishes			H	Х					1				Х	T								
		FIBERGLASS RE	EINFORCE	D PANELING		Ċ																				
		06 83 16		For each type of product		X											X									
		06 83 16		For Adhesives and Sealants - VOC										X		X										
		WATER REPELL		-	,	1	1 1	- 1	1			1	ı													
\vdash		07 19 00		For each type	$\vdash \vdash$	Х	Н	-					+	1		v	Х			-						
\vdash		07 19 00 07 19 00		For each type Color Selection	\vdash	-	Н	х	Х				+	-		Х	Х			-				-		
-		07 19 00		Warranty	$\vdash \vdash$	+	Х	^	-	+			+	1			X	\dashv								
\vdash		07 19 00		Installer Qualifications		+	^			x			-	1			X									
		ACRYLIC WATE				-	1 1		- 1	_ ^		- 1	1	1			^									
		07 19 13		For each type		х											х									
		07 19 13		Verification Samples		1	H	Х					1				Х	T		1						
		THERMAL INSU						,				,														
		07 21 00		For each type of insulation product		X											Х									
				LEED documentation for recycled content										X		Х										
		EXTERIOR INSU	JLATION A	ND FINISH SYSTEMS (EIFS)																						

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		07 24 00	1.4 A	For all products		Х											X									
				LEED documentation for recycled content,		х								х		х										
		07 24 00	1.4 B	VOC content for adhesives and sealants										^~		ļ ^`										
				24" square panel for each type product. Include sealant samples to verify color				x									х									
		07 24 00	1.4 C	selected.				^									^									
		07 21 00	1.10	Certifying that EIFS and joint sealants comply						1						١.,										
		07 24 00	1.4 D	with requirements.						Х						Х										
		07 24 00	1.4 E	Compatibility and adhesion test reports. Evaluation reports: For water-resistive					X	(Х										
				coating, code compliance, and EIFS systems (including insulation), from ICC Evaluation					Х	[х										
		07 24 00	1.4 F	Services, LLC.																						
		0, 2, 00		Field quality-control special inspection								х				х										
		07 24 00	1.4 G	reports.								^				^										
		METAL PANELS																								
		07 40 00	1.3 A	All products Include plans, elevations, sections, details,		Х			_	-			_			-	Х									
				and attachments to other work. 2. Include																						
				details of edge conditions, joints, panel	x												х									
				profiles, corners, anchorages, trim, flashings,																						
		07 40 00	1.3 B	closures, and accessories.																						
		07 40 00	1.3 C	Warranties			X									Х										
		07 40 00	1 2 D	LEED documentation for recycled content, VOC content for adhesives and sealants		х								х		х										
				Each exposed finish				х									х									
				MEMBRANE ROOFING	- 1			~		1				-												
				Product Data for roofing system		х											Х									
		07 52 00		VOC content for adhesives and sealants		Х								Х		Х										
		07 52 00		Shop Drawings	Х											.	Х									
-		07 52 00 07 52 00		Installer Certificates Manufacturer Certificates						X			_		-	X										
		07 52 00		Product Test Reports					×	_			-		1	x										
		07 52 00		Maintenance Data										х		X										
		07 52 00		Warranties			X											X								
				Inspection Report		1			×							Х										
		ROOFING SYSTI				1	1 1	v	1	1	1	1 1						V								
\vdash			1.3 B	Marranty Installer Qualifications	X	-		^	-	-			+	-	+-	+	1	X				\vdash				
				DIENE-MONOMER ROOFING (BLACK)	^	1	!		- 1	1	1		- 1	1			1	_^								
				For all products		Х				1							х									
		07 53 23		VOC content for adhesives and sealants		Х				1				Х		Х										
		07 53 23		Roofing system	Х			\Box									Х									
\vdash		07 53 23		Installer Certificates Manufacturar Certificates				_		X						X						-				
+		07 53 23 07 53 23		Manufacturer Certificates Product Test Reports	-	-		+	×	X			+	-	+-	X	_					\vdash				
1		07 33 23	1.71	For roofing system including maintenance	-			\dashv	+	+												H				
		07 53 23		manuals		1		_					[-	х	\perp	Х				<u> </u>						
				Warranties			X									Х										
		07 53 23	1.4	Inspection Report		1			×	(Х		L								
				DIENE-MONOMER ROOFING (WHITE)	1	١,٠		1	1	1		1 1						ı								
		07 53 23	1.4 A	For all products LEED documentation for solar reflectance,		Х		-								1	X	-								
		07 53 23	1.4 B	VOC content for adhesives and sealants		X								Х		Х										
				Roofing system	х					\top			1			T	Х									
		J. 00 E0				-														•						

			SUBMITT	AL REGISTER	TITLI	E AN	D LO	CATIO	ON:																	PROJECT DATE: (MONTH/YEAR)
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Activity No.	Transmittal No.	Section Number	Paragraph Number	Description of Submittal	01-PRECON SUBMITTALS	03-PRODUCT DATA	04-WARRANTIES	05-SAMPLES	06-DESIGN DATA	08-CERTIFICATES	09-MFRS INSTRUCTIONS	10-MFRS FIELD REPORT	11 -PROJECT RECORD DOCOMEN 12-0&M DATA	13-LEED / SUSTAINABLE	14-CLOSEOUT SUBMITTALS	Information Only	A/E Approval G, AE	Government Approved G, AO	Submit	Approval Needed By	Scheduled Submittal Date	Action Code	Date of Action	Action Code	Date of Action	
		07 53 23	1.4 D	Installer Certificates						Х						Х										
		07 53 23	1.4 E	Manufacturer Certificates						Х						Х										
		07 53 23	1.4 F	Product Test Reports					X	[Х										
		07 53 23		For roofing system including maintenance manuals									х	(x										
		07 53 23		Warranties			Х									Х										
		07 53 23		Inspection Report]	×	(Х										
		SHEET METAL F	LASHING					1	1 1	1	1 1			ı			1									
		07 60 00		Layout, joining, profiles, and anchorages, plans and elevations of all fabricated work	2	ĸ											Х									
		07 60 00		LEED documentation for recycled content										X		Х										
		07 60 00 ROOF SPECIAL		For each type of exposed finish required			-1	Х		-	1 1	- 1					X									
		07 71 00		Each type of product		×	,	1	1 1	1	1 1	- 1		1		1	х									
		07 71 00	1.5 A	Each type of product. For roof specialties. Include plans,		- '	•						-				^									
		07 71 00	1.3 B	elevations, expansion-joint locations, keyed details, and attachments to other work. Distinguish between plant- and field-assembled work. For copings and roof-edge flashings made	:	ĸ											x									
		07 71 00		from 12-inch lengths of full-size components including fasteners, cover joints, accessories, and attachments.				x									x									
		07 71 00		Based on evaluation of comprehensive tests performed by a qualified testing agency, for copings and roof-edge flashings indicating performance requirements.					х							x										
		07 71 00		Warranties			X									Х										
		ROOF HATCHES 07 72 33 FIRESTOPPING		Each type of product.		×	۱	l		I			I			I	x									
		07 84 00	1.3A	For each product		X	(х										
		07 84 00		VOC content for adhesives and sealants		X								Х		х										
		07 84 00		For each firestop system		K										Х										
		07 84 00		Field quality test reports					×	۱						Х										
		JOINT SEALANT		Far and tales and assess that to discuss t			. 1	1	1 1	1	1 1	1		1		1	v I									
		07 92 00 07 92 00		For each joint-sealant product indicated. VOC content for adhesives and sealants	$\vdash \vdash$))			\vdash		+		-	Х		х	Х					\vdash				
		07 92 00	1.30	For each kind and color of joint sealant		,	-	x					+	^		^	х									
		07 92 00	1.3C	required		\perp		^									^							<u> </u>		
		07 92 00	1.3D	Preconstruction Compatibility and Adhesion Test Reports	х				Х	x						х										
		07 92 00		Product test reports		+	+		×	(H		+			Х		1								
		07 92 00		Preconstruction Field-Adhesion Test Reports	х					х						х										
		07 92 00 COMMISSIONIN	1.3G G OF OPE	Sealant, Waterproofing, and Restoration Institute (SWRI) Validation Certificate NINGS						х						x										
		08 08 00		Commissioning submittals													Х									
		HOLLOW METAL	DOORS	AND FRAMES Manufacturer's product description,			,							,												
		08 11 13	1.4A	installation and maintenance instructions for each type and size of traffic door		X	`						Х				X									

			SUBMITT	AL REGISTER	TITL	E AN	ND LO	CATI	ION:																		PROJECT DATE: (MONTH/YEAR)
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Activity No.	Transmittal No.	Section Number	Paragraph Number	Description of Submittal	01-PRECON SUBMITTALS	UZ-SHOP DRAWINGS	03-PRODUCT DATA 04-WARRANTIES	05-SAMPLES	06-DESIGN DATA	07-TEST REPORTS	08-CERTIFICATES	10-MFRS FIELD REPORT	11 -PROJECT RECORD DOCUMEN	12-0&M DATA	14-CLOSEOUT SUBMITTALS	Information Only	Information Only A/E Approval G, AE	Government Approved G, AO	Sul	ubmit	Approval Needed By	Scheduled Submittal Date	Action Code	Date of Action	Action Code	Date of Action	
		08 11 13	1.4B	Schedules, details, elevations of doors and frames		x											х										
		00 11 10	1.70	LEED documentation for recycled content,		+					_				+	+			+								
		08 11 13 08 11 13		VOC content for adhesives and sealants Drawings of each opening, including door and frame, drawn to scale and coordinating door hardware		x	x							>	(x										
		FLUSH WOOD D		ilaidwaie		- 1		-		,							- 1										
		08 14 16		For each type door, core, edge, trim, finish			x	1									x	: 1									
		00 14 10	1.27	LEED documentation for chain of custody,											_	+.			1								
		08 14 16	1.2B	VOC content for adhesives and sealants)	١ ا	Ι,	x										
		08 14 16	1.2C	Indicate location, size, and hand of each door, elevation of each kind of door, details, hardware blocking Factory finishes, face materials, wood		x											х	[
				species, transparent finishes, corner sections,				x									x										
		08 14 16	1 2D	and edgings				^									^										
		ACCESS DOORS				- 1	- 1		1 1	- 1	- 1	-1					- 1	-1									
		1	571110	For each type of access door assembly																							
		08 31 13	1.2A	specified, including details of construction relative to materials, individual components, profiles, and finishes.			x										х	1									
				LEED documentation for recycled content,			x)	(х										
		08 31 13		VOC content for adhesives and sealants					1 1																		
		OVERHEAD COI			1		. 1		1 1		- 1	1					1	. 1									
		08 33 23	1.4A	For each type product LEED documentation for recycled content,			Х	-							-	+	х		-								
		08 33 23	1.4B	VOC content for adhesives and sealants			x)	(Х										
		08 33 23		Delegated Design Submittal					х						-	١,	x		-								
		SECTIONAL DO		Delegated Design Cabilitat		- 1	,		1 ~ 1							T	`										
		08 36 13		For each type product			х		1 1	- 1	- 1	1					х	: 1									
				LEED documentation for recycled content,										١.		Τ.											
		08 36 13	1.4B	VOC content for adhesives and sealants			х							· /	(1	x										
		08 36 13		Delegated Design Submittal					Х)	Х										
		TRAFFIC DOORS																									
\sqcup		08 38 00	1.2A	For each type product		_	X		$\perp \perp$						_	1	Х		1								
		00.00.00	4.00	LEED documentation for recycled content,			x							>	()	x										
		08 38 00		VOC content for adhesives and sealants RANCES AND STOREFRONTS		-1		1	1 1	- 1								1									
		08 41 13					x	1	1 1	ı			1				Х	. 1									
\vdash		00 41 13	1.3A	For each type product LEED documentation for recycled content,	\vdash	_		+	++		+				-	+		-	1								
		08 41 13	1.3B	VOC content for adhesives and sealants			x							>	۲)	x										
 		08 41 13		Include plans, elevations, sections, details	+	x	+	+	+	+	+	+			-	+	х		1								
		08 41 13		Product Test Reports		1	1			х		1					x	1	1								
				Seismic Qualification Certificates							Х					٠,	x		1								
		SLIDING AUTON			'		,	1			'							"									
				For each type product			X										х										
	-	08 42 29.23	1.4B	Include plans, elevations, sections, details		X											Х										
		08 42 29.23		VOC content for adhesives and sealants)	()	X										
		08 42 29.23		For each type of exposed finish required				X								1	Х										
		08 42 29.23		Product Test Reports						Х						1	Х										
		BLAST RESISTA	NT SLIDIN	For door operators and control systems IG AUTOMATIC ENTRANCES WITH BREAK-A	\WA		\ V					-		X)	x										
ш		U8 42 29.63	1.5A	For each type product			X										Х	<u> </u>									

			SUBMITT	AL REGISTER	TITLE	AND L	CAT	ION:																PROJECT DATE: (MONTH/YEAR)
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Activity No.	Transmittal No.	Section Number	Paragraph Number	Description of Submittal	01-PRECON SUBMITTALS 02-SHOP DRAWINGS	33-PRODUCT DATA	JA-WARRANIIES D5-SAMPLES	06-DESIGN DATA	08-CERTIFICATES	99-MFRS INSTRUCTIONS	11 -PROJECT RECORD DOCUMEN	12-O&M DATA	14-CLOSEOUT SUBMITTALS	Information Only	Information Unity A/E Approval G, AE	Government Approved G, AO	Submit	Approval Needed By	Scheduled Submittal Date	Action Code	Date of Action	Action Code	Date of Action	
		08 42 29.63	1.5B	Include plans, elevations, sections, details	X		5 8	1010	, ,	о,		1-1-	+-	T	X									
		08 42 29.63	1.5C	VOC content for adhesives and sealants		Х						,	ĸ	٠,	х									
		08 42 29.63	1.5D	For each type of exposed finish required			х							1	Х									
		08 42 29.63	1.5E	Product Test Reports					ĸ					1	Х									
		08 42 29.63	1.5F	Manufacturers field reports							Х)	X									
		08 42 29.63	1.5G	For door operators and control systems								Х			X									
		08 42 29.63 DAYLIGHTING	1.5H	Warranties			х)	х									
		08 62 00	1.4A	For each type product		Х									х									
		08 62 00		Include plans, elevations, sections, details	Х									1	Х									
		08 62 00	1.4C	LEED documentation for recycled content, regional materials, VOC content for adhesives and sealants								2	ĸ)	x									
		08 62 00		Product Test Reports					K						X									
		DOOR HARDWA			'				-	' '						•								
		08 71 00		For each type of product		х				х		Х				Х								
		08 71 00	1.2B	Certify that locksets approved for use complies with "Buy American Act".					х)	х									
		08 71 00	1.2C	LEED documentation for recycled content, VOC content for adhesives and sealants)	ĸ)	x									
		08 71 00		Hardware Sets	х								-	+		Х								
-		08 71 00		Keying Schedule	^					х		+ +	+	+		X								
		08 71 00		AHC Report					ΧХ	-			+	١,	х									
		08 71 00		Product test report					K						х									
		KEY STORAGE			,		,				,													
		08 79 13	1.2A	For each type product		х									Х									
		08 79 13 GLAZING		Key control system instruction program				П				х			Х									
		08 81 00		For each type product		Х								_	Х									
		08 81 00		VOC content for adhesives and sealants								'	K	,	X									
		08 81 00		Glazing Schedule	Х				1				_	_	X									
		08 81 00		Product certificates					Х					4.	X									
\vdash		08 81 00		Preconstruction adhesion and test reports	_	\vdash	_	+++	K	H.,		++		+'	X	\vdash		1						
		08 81 00 MIRRORS		Field quality control reports	I			1 I	 		x	1 1			X									
+		08 83 00 08 83 00		Preconstruction Test Reports VOC content for adhesives and sealants				+++	`			١,	,	\pm	x							\vdash		
-		08 83 00		Sample of special warranty			x	+				++'	_		X									
			K RESULT	Sample of special warranty S FOR FLOORING PREPARATION For each type product		x		1 1			1	1 1		ľ	^ x									
\vdash		09 05 61		Moisture and pH; floor plans and photos		^	-		,	\vdash	-		-	+	X		-							
+		09 05 61		Bond and Compatibility Test report					Υ .				-	+	X									
-		09 05 61		Remedial materials product data		х		+++	`					١,	x ^									
		PORTLAND CEM 09 24 23	IENT PLA			^ x	1	1 1			1	1 1		ľ	^ X									
		09 24 23	1.2A	LEED documentation for recycled content, VOC content for adhesives and sealants		^						,	ĸ	,	x ^									
		09 24 23		Locations and installation of control and expansion joints	х	H									х									
+		09 24 23		For each type of finish coat			х						+	+	х									
		GYPSUM BOARD)	For each type product		x	1	1 1				1 1			×									
\sqcup		00 20 00	1.57	. o. odon typo product		1 1	I	1 1		<u> </u>	I				^		!	<u> </u>	1			1		

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Activity No.	Transmittal No.	Section Number	Paragraph Number	Description of Submittal	01-PRECON SUBMITTALS 02-SHOP DRAWINGS	03-PRODUCT DATA	04-WARRANTIES	06-DESIGN DATA	07-TEST REPORTS	08-CERTIFICATES	09-MFHS INSTRUCTIONS 10-MFHS FIELD REPORT	11 -PROJECT RECORD DOCUMEN	12-0&M DATA	13-LEED / SUSTAINABLE	14-CLOSEOUT SUBMITTALS	Information Only A/F Approval G AF	Government Approved G, AO	Submit	Approval Needed By	Scheduled Submittal Date	Action Code	Date of Action	Action Code	Date of Action	
		09 29 00	1.2B	LEED documentation for recycled content, regional materials, VOC content for adhesives and sealants										х		х									
		09 29 00 09 29 00 TILING		Plans, elevations, sections and details of components, and attachments to other units Steel framing	x			х								>	(
		09 30 00	1.3A	For each type product	1	x	- 1	1	1 1		- 1	1	1 1)	,								
				LEED documentation for recycled content,		^								х	t	x	•								
		09 30 00 09 30 00	1.3C	VOC content for adhesives and sealants Assembled samples with grouted joints for each type tile and each color and finish)	(1		>	(
		ACOUSTICAL CE 09 51 00		Each type of acoustical ceiling unit and suspension system		х										>	c								
		09 51 00	1.3B	LEED documentation for recycled content, VOC content for adhesives and sealants										х		Х									
		09 51 00		Delegated design submittal				Х				,				X X	(
		09 51 00 09 51 00		Field quality reports Qualification for testing agency						Х	Х	`				X					1				
		09 51 00		For each acoustical panel ceiling					х	^	-					x					1				
		09 51 00		For each acoustical panel ceiling					Х							Х									
		09 51 00 RESILIENT TILE 09 65 19	FLOORIN	For finishes to include in maintenance manuals G Each type of product		x							x			x	,								
		03 03 13	1.27	LEED documentation for recycled content,										х		x	•								
		09 65 19	1.2B	VOC content for adhesives and sealants Full-size units of each color and pattern of				_						Α	-	_									
		09 65 19		resilient floor tile)	()	(
\vdash		09 65 19		Each type of product					v				Х			X	-	1			1				
		09 65 19 RESINOUS FLOO		Moisture/Bond Tests		1 1		-1	X	- 1	-1-	1				^	-1								
		09 67 23		Each type of product		x			1 1)	(
		09 67 23		VOC content for adhesives and sealants							t			х	T	Х									
		09 67 23	1.3C	For each resinous flooring system	Х)	(
		PAINTING AND			,			,																	
		09 90 00		Each type of product		Х	_		1 1				\sqcup		4)	(-			1				
\vdash		09 90 00 09 90 00		VOC content for adhesives and sealants Each color, texture, and pattern required				(++	-	+	-	\vdash	Х	-	X	(-			1				
1		09 90 00		MPI Approved Products List			+	•	х	-	+				\dashv	x '	`	1			1		H		
		VISUAL DISPLAY	Y SURFAC	ES	,				1 ^ 1				1 I												
		10 10 00		For each type product		х					_		$\sqcup \bot$		_)	(1							
		10 10 00		VOC content for adhesives and sealants		Ш		_	\sqcup		-		$\sqcup \!\!\! \perp$	Х	4	Х		1			1				
		10 10 00 SIGNAGE		For each type of visual display surface			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	·									(
		10 14 00		For each type product		х	_		1 1		- -		\sqcup		4)		-			1				
		10 14 00		VOC content for adhesives and sealants			_	-	1		\perp		\vdash	Х	_)		-			1				
		10 14 00		Showing fabrication and erection of signs	X	\vdash	_		+		-		-	_)	X	1			1				
		10 14 00 INTERIOR DÉCO	R SPECIA		Х	 x		1			1														
ш		10 15 00	1.3A	For each type of interior décor		٨										,	`	1		1	1		1		

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Activity No.	Transmittal No.	Section Number	Paragraph Number	Description of Submittal	01-PRECON SUBMITTALS	02-SHOP DRAWINGS	03-PRODUCT DATA 04-WARRANTIES	05-SAMPLES	06-DESIGN DATA	07-TEST REPORTS	08-CERTIFICATES	09-MFRS INSTRUCTIONS	10-MFRS FIELD REPORT	11 -PROJECT RECORD DOCUMEN	13-L EED / SUSTAINABLE	14-CLOSEOUT SUBMITTALS	Information Only	A/E Approval G, AE	Government Approved G, AO	Submit	Approval Needed By	Scheduled Submittal Date	Action Code	Date of Action	Action Code	Date of Action	
				Show fabrication and erection of interior décor																							
				specialties. Include plans, elevations, and		X												x									
		10 15 00	1.3B	large-scale sections																							
		10 15 00	1.3C	For each type of interior décor				X										X									
				LEED documentation for chain of custody.											x		х										
		10 15 00	1.3D	VOC content, formaldehyde verification											^		L^										
		TOILET COMPAR							,						,												
\sqcup		10 21 13	1.2A	For each type product			Х					4	4	1				Х					Ш		Ш		
		10 21 13	1.2B	LEED documentation for recycled content											Х		Х										
		100110	1.00	Include plans, elevations, sections, details,		х												х									
		10 21 13 WIRE MESH PAR	1.2C	and attachments to other work		- 1		1_	1		- 1			-1													
				English to the control of	1	- 1	v I	1			- 1	- 1	- 1	- 1	-			x									
		10 22 13	1.4A	For each type product Include plans, elevations, sections, details,	\vdash		Х	1					-	-	-	-	-				-		\vdash				
		10 22 13	1.4B	and attachments to other work		X												X									
		10 22 13		Maintenance data								-)	ĸ		х										
		WALL AND EQU			1	,	!				- '	- '-	- 1	1-	•		Ĥ										
				Include construction details, material										1													
		10 26 00	1.2A	descriptions, impact strength, dimensions of individual components and profiles, and finishes for each type of product indicated			x											х									
		10 26 00 TOILET ACCESS		LEED documentation for recycled content, VOC content for adhesives and sealants											x		х										
		10 28 13	1.2A	For each type product			х											X									
		10 28 13		Indicating types, quantities, sizes, and installation locations by room of each accessory required					x									x									
		FIRE PROTECTION													,												
		10 44 00 METAL LOCKER 10 51 13	S	For fire extinguishers and cabinets			x	1	1									X									
		ROTATING MOD		For each type product		- 1	^	1	1	1 1	- 1			-1				^_									
		10 56 23 STORAGE RACK	1.3A (S	For each item of equipment required		-1	x				- 1							x									
		10 56 29 COMMISSIONING		For each type product			х							T	1			x									
		11 08 00		Commissioning submittals												х		х									
		LOADING DOCK				- 1	'	1	١	' '				ľ	'												
		11 13 00		For each item of product		Х	х х	X										x									
		11 13 00	1.3	For each item of product	Ħ						Х	t	1)	K		х		1								
		SAFES		· ·			'		1		,			ď													
		11 16 00	1.2	Include standard details and maintenance			Х)	ĸ			х									
		TELLER AND SE					,																				
		11 17 00		Include standard details and maintenance			X)	K			Х									
		BAKERY EQUIPM									Ů	Ů	Ů	Ů													
		11 40 00.13	1.2A	For each item of equipment			X											X									
		DELI EQUIPMEN				Ţ,	,	1			Ţ,							, ,									
		11 40 00.16		For each item of equipment			X											х									
		MEAT DEPARTM						1					-		,												
				For each item of equipment			X											X									
		PRODUCE DEPA	RTMENT	EQUIPMENT																							

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		11 40 00.26	1.2A	For each item of equipment		X		Ŭ			<u> </u>					X									
		SEAFOOD DEPA						,																	
		11 40 00.29		For each item of equipment		Х										Х									
		FACILITY WASTI																							
		11 82 36		For each item of equipment		Х										X									
		11 82 36		Warranty			X									Х									
		HORIZONTAL LO										,													
	1	12 21 13		For each type product		Х				\perp		_	\vdash		1	X			1						
		12 21 13		Samples for verification				Х							-	X									
		12 21 13		Window Treatment Schedule)											X	I								
		ENTRANCE CAR			1	1 -		,	1	1 1	1	1													
		12 48 13		For each type product		Х									+	X									
		12 48 13		Samples for verification		_		Х					v	-	+,	X									
		12 48 13		For each carpet tile		_			v				X	-	X										
		12 48 13 SYSTEMS FURN	1.2D	Moisture/Bond Tests			1	- 1	۸.	1 1					х	٠	ļ								
		12 59 00		For each type product		Х	-1 1	1	- 1	1 1	- 1	1	1 1			х	1								
		SITE FURNISHIN		For each type product		^	٠	- 1		1 1						^	l.								
		12 93 00		For each type product		×	- 1	- 1	- 1	1 1		1	1 1			х	1								
-		12 93 00		LEED documentation for recycled content		^							х	-	х										
		COLD STORAGE				-	1	- 1		1 1		-			1^	,									
		13 21 26		For each type unit		Х		- 1		1 1		1				х									
		13 21 26		For each type unit)										+	Х									
		13 21 26		Show details of anchorage and connection, location and method of attachment and complette layout of panels)	(х										
		13 21 26		For each type unit		+					х	+		-	х	,									
		13 21 26		Indicate location and loads imposed		+			х						X										
		13 21 26		Operating and performance tests					X						+	Х									
		13 21 26		Manufacturers warranties		+	Х								х										
		COMMISSIONING						,	'	' '	,	,				'									
		21 08 00		Commissioning submittals										х		х									
				NKLER SYSTEMS			•		,		•	·													
		21 13 00	1.4A	For each type product listed		Х			Х							Х									
				Working plans and hydraulic calculations)	, T										х									
		21 13 00	1.4A	sealed with PE stamp; flow tests	oxdot'																				
		21 13 00	1.4A	For each type product listed				X							1	Х									
		21 13 00	1.4A	Operation and maintenance data									X		Х	(
		21 13 00	1.4B	Project Record Docs; Manufacturer's certificate; operation and maintenance data; warranty; NFPA 25; certification and testing data										x			x								
		21 13 00	1.4C	VOC content for adhesives and sealants									Х		х	(
		FIRE PUMPS					, ,		' '	' '		'													
		21 30 00	1.5A	For each type product listed		Х			х							х									
			-	Working plans and hydraulic calculations	,	,						1		Ì		х									
L		21 30 00	1.5A	sealed with PE stamp; flow tests	LI'					\perp \mid		Ш	Ш		⊥	X	L	<u> </u>	<u> </u>	<u> </u>					
		21 30 00	1.5A	Operation and maintenance data									Х		Х										
		21 30 00		Field Test Reports					Х						Х							-			
		21 30 00	1.5B	Manfuacturer's instructions							Х				Х	(

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				Project Record Docs; Manufacturer's																							
				certificate; operation and maintenance data;												х			х								
		21 30 00	1.5c	warranty; NFPA 25; certification and testing data																							
		PLUMBING SPEC		udia	- 1		1			- 1	- !	-	-				,										
		22 05 19		For all products		Х	١							x				х									
				Indicate dimensions, weights, and placements	,	,												х									
		22 05 19		of openings	_ '	`																					
		22 05 19	1.3A	Operation and Maintenance Data	_	-	-				-	-		X				Х	_								
		22 05 19	1.3B	Certify that grease interceptors meet or exceed specified requirements.							x							x									
		22 03 13	1.00	Installation instructions, including assembly		+					١.	_															
		22 05 19	1.3B	and support requirements		\perp					'	(X										
				Record actual locations of equipment,																							
		22 05 19	1.3C	cleanouts, backflow preventers, water hammer arrestors, insrumentation									Х			Х			X								
		22 05 19		Indicate frequency of treatment required							+		-	х		х			х								
		22 03 13	1.00	indicate inequency of treatment required		+								x													
		22 05 19	1.3C	Include instructions for calibrating instruments										Х		X			Х								
				Certification data that supplements previously										x		х			х								
		22 05 19		submitted O & M Manuals CONTROLS FOR PLUMBING PIPING AND EC		N 4 E N	<u></u>	l																			
		VIDRATION AND	SEISIVIIC	Indicate isolators, dynamic loads, restraints		- 1				Т				1 1													
		22 05 48	1.5B	and loads)	'												х									
		22 05 48	1.5C	Provide product data for each isolator and restraint, and schedule of isolators and restraints.		x	3							x				x									
		22 05 48		Manufacturer's installation instructions)	(х									
		22 05 48		Provide certification selection and design of isolators and restraints by engineer.					х					x				х									
				Details of attachment to walls, floors, slabs,					x					х				х									
\vdash		22 05 48 22 05 48		supplementary steel work		+	-		X	+	+	+	+	H				х									
\vdash		22 05 48 22 05 48		Seismic restraint calculations Welding certificates		+	-		^		x	+	+	+		х		X	-								
		PLUMBING PIPIN				-1	1	1		1		1	1	1 1		•											
		22 07 19		Provide product data for each type of mechanical insulation identifying k-value, thickness, jackets (factory and field applied) and accessories. Include maintenance data.		x								x				x									
		1				х	,					+		+	х		х										
		22 07 19 COMMISSIONING		VOC content for adhesives and sealants		^	.	1							^		^										
		22 08 00		Commissioning submittals												х		х									
		PLUMBING PIPIN				-	-						-	1													
		22 10 00		Provide data on pipe materials, pipe fittings, valves and accessories.		x	1											x									
		22 10 00	1.4A	Provide manufacturers catalog; indicate valve data and ratings.										x				x									
		22 10 00		Record actual locations of valves	-	+	-			-	+	+	Х	+		х		Х									
				Certifications and testing supplemental to		1	1			x	x	1	1			х		х									
		22 10 00		previously submitted O & M manuals.						^	^					^		^									
		PLUMBING EQU	IPMENT	Dispersion describes to	1	1		1		1	1	1		1 1				-									
		22 30 00	1.3A	Dimension drawings for water heaters, components, and connections		х	(X		X		X									

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				Pump type, capacity, power requirements,		x	,			Ī			Ι,	x	х		х									
		22 30 00	1.3A	performance curves, operating points		^								^			^									
		22 30 00	1.3A	Heat exchanger size dimensions, performance data	х								2	х	х		х									
		22 30 00	1.3A	performance data														-								
		22 30 00	1.3B	Manufacturer's instructions							Х		1	х	Х	Х										
				Include operation, maintenance, and																						
				inspection data, replacement part numbers									Ι,	x	х		x									
			4.00	and availability, and service depot location									1	^	_ ^		^									
		22 30 00 22 30 00		and telephone number.			Х								х		Х					-				
		22 30 00	1.30	Water heater warranty Certifications and testing data as a			^											-								
		22 30 00	1.3C	supplement to previously submitted O & M					Х	X					Х		x									
		PLUMBING FIXT		supplement to previously submitted & a wi	'_	1						- 1	-				- !									
		22 40 00	1.3A	Provide catalog illustrations of fixtures, electric/electronic controls for lavatories and flush valves, sizes, rough-in dimensions, utility sizes, trim, and finishes.		x	:						2	x			:	x								
											х					х										
		22 40 00	1.3B	Indicate installation methods and procedures. Maintenance Data: Include fixture trim											-											
		22 40 00	1.3C	exploded view and replacement parts lists.									1	X	Х			Х								
		22 40 00		Warranties			х								х			х								
		22 40 00 COMMON WOR	1.3C	Submit all certifications and testing data as a supplement to previously submitted O & M manuals at contract closeout.					x	x					x			х								
		COMMON WORK	TILOULI		1	Т																				
		23 05 00		Prior to approval of the material to be used, the manufacturer shall furnish written certification that the material contains no asbestos. REMENTS FOR HVAC EQUIPMENT						x							:	x								
		23 05 13		For each type and size of motor, provide nameplate data and ratings; shipping, installed, and operating weights; mounting arrangements; size, type, and location of winding terminations; conduit entry and ground lug locations; and information on coatings or finishes		x											x									
		23 05 13	1.3B	Dimensioned Plans, Elevations, Sections, and Details, including required clearances and service space around equipment	×												x									
		23 05 13		Field Quality test reports	-				х				+				х					\vdash				
		20 00 10		For field-installed motors to be included in			1		1				Ħ.			v		T								
		23 05 13		operation and maintenance manuals									_ 2	X		Х										
		EXPANSION FIT	TINGS AN	D LOOPS FOR HVAC PIPING																						

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		23 05 16 23 05 16	1.3B 1.3C	Indicate maximum temperature and pressure rating, face-to-face length, live length, hose wall thickness, hose convolutions per foot and per assembly, fundamental frequency of assembly, braid structure, and total number of wires in braid; dimensions and ratings; design data and calculations Indicate special procedures, and external controls			x		x		3	x						x									
		23 05 16		Operation and Maintenance Data										X			Х	l l									
		23 05 19	1.3A	Provide manufacturers data and list which indicates use, operating range, total range, accuracy, and location for manufactured components; operation and maintenance data Record actual locations of components and instrumentation; include instructions for			x		x				x	x		x		x									
		23 05 19		calibrating instruments.																							
		VIBRATION AND	SEISMIC	CONTROLS FOR HVAC AND PIPING AND E	QUI	PME	NT	1 1		- 1			1		ı												
		23 05 48	1.5B	Indicate and locate vibration isolators, with static and dynamic load on each		X													х								
		23 05 48	1.5C	For each type			х												х								
		23 05 48	1.5D	Manufacturer's installation instructions							3	X							Х								
		23 05 48		Certify that seismic restraints have been selected and designed by a licensed professional engineer, licensed to practice in the state where the restraints are being installed, to meet or exceed specified requirements							x								x								
		00.05.40		Include spacing, static loads and seismic					х										х								
		23 05 48		loads at all attachment and support points Seismic restraint calculations must be provided for all connections of equipment to					х										х								
-	-	23 05 48 23 05 48		the structure and stamped by professional PE Welding certificates	\vdash				\dashv	\dashv	х	-	+	-					х								
				ND BALANCING FOR HVAC		- 1	- 1	1				-	-	1	'												
		23 05 93		Air Balance Report						Х					Х				Х								
		23 05 93	1.4C	Submit name of adjusting and balancing agency for approval within 30 days after award of Contract.	x														х								
		23 05 93		Within 60 days of General Contract award conduct and review a TAB design review detailing and items that would prevent the successful balancing of the systems.	v														x								
		23 05 93		Field Reports: Indicate deficiencies in systems that would prevent proper testing, adjusting, and balancing of systems and equipment to achieve specified performance.	x														x								
		23 05 93	1.4F	Prior to commencing work, submit report forms or outlines indicating adjusting, balancing, and equipment data required.	x														x								

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		23 05 93 23 05 93 DUCT INSULATI	1.4F	Submit draft copies of report for review prior to final acceptance of Project. Provide final copies for Architect/Engineer and for inclusion in operating and maintenance manuals. For all products and systems.						x				x				2									
		23 07 13 23 07 13	1.3A 1.3B	Provide product description, thermal characteristics, list of materials and thickness for each service, and locations. VOC content for adhesives and sealants		:	x							x	x		X	,	x								
		HVAC PIPING IN 23 07 19		N For all products; identifying k-value, thickness, jackets, and accessories			x							x)	x								
		23 07 19 COMMISSIONIN	G OF HVA												X		x										
		23 08 00		Commissioning submittals												Х		X									
		23 09 13		CONTROL DEVICES FOR HVAC Provide description and engineering data for each control system component, and software module.			x											x									
		23 09 13	1.3B	Include inspection period, cleaning methods, recommended cleaning materials, and calibration tolerances										x		х		3	x								
				Certifications and testing supplement to						х	х					х		,	х								
		23 09 13		previously submitted O & M manuals PRING AND CONTROL SYSTEMS (RMCS)									-	1 1													
		23 09 16		Equipment cut sheets for all products, systems, components indicated and installation and user manuals.			x					x		x				,	x								
		23 09 16 23 09 16		Provide drawings showing; components locations in commissary and required wiring between components.		x								x					x x								
		23 09 16		RMCS Manufacturer's resume Startup technician's resume		-		+	+		X		+					3									
		23 09 16		RMCS Manufacturer's approval of startup technician. Display case/Compressor Manufacturer							x								х								
		23 09 16 23 09 16		coordination. RMCS Installer qualifications							х	Х	X					2	x x								
		23 09 16 REFRIGERATIO		RMCS Manufacturer's approval of startup technician. PRING AND CONTROL SYSTEMS (RMCS) MI	CRO	-DIS	STRIE	BUTI	ED S		x EM							,	x								
		23 09 16		Equipment cut sheets for all products, systems, components indicated and installation and user manuals. Provide drawings showing; components			x					x		х)	x								
		23 09 16 23 09 16		locations in commissary and required wiring between components. RMCS Manufacturer's resume		х					x			x)	x								
		23 09 16		Startup technician's resume							X							2									
		23 09 16		RMCS Manufacturer's approval of startup technician.							х)	х								

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				Display case/Compressor Manufacturer								х	х					х								
		23 09 16		coordination.								^	^													
		23 09 16	1.3	RMCS Installer qualifications)	(Х								
		23 09 16 HYDRONIC PIPI 23 21 13	NG	RMCS Manufacturer's approval of startup technician. Field test reports)	(•					x								
		23 21 13		VOC content for adhesives and sealants									^	Х		х		^								
		HYDRONIC PIPI				- '	- 1	1	1 1	- 1	-1	1		۱ ^		l ^	1 1									
		23 21 16		For each product and assembly			х		1 1									х								
		23 21 16		Pressure vessels	H	\dashv				х		t				t		Х								
		23 21 16		Installation Instructions							Х							Х								
		23 21 16		Operation and Maintenance Data										X				Х								
		HVAC PUMPS					Ċ																			
		23 22 23		For each product			Х											Х								
		23 22 23		Installation Instructions							Х							Х								
		23 22 23		Operation and Maintenance Data								1		X				х								
		REFRIGERANT I	1.3B	Indicate schematic layout of system, including equipment, critical dimensions, and sizes developed by the Condensing Unit Manufacturer.		x												x								
		23 23 00	1.3B	Record actual locations of components.									Х		Х			Х								
		23 23 00	1.3B	Include operation, maintenance, and inspection data, replacement part numbers and availability, and service depot location and telephone number.										x	x			x								
		23 23 00	1.3B	Submit compressor manufacturer warranty and ensure forms have been completed in Owner's name and registered with manufacturer.			х								х			x								
		23 23 00		Submit all certifications and testing data as a supplement to previously submitted O & M manuals at contract closeout. CLOSED-LOOP HYDRONIC SYSTEMS						x x	(x			x								
		23 25 13		For each type			х		1 1	- 1	T							х								
		23 25 13		Installation Instructions							х	1			1	t		Х								
		23 25 13		Field Reports				L				Х			L	L		X								
				Certificate of compliance approving chemicals		T				,	(х								
		23 25 13		and their proposed disposal						_	`					<u> </u>										
		23 25 13		Operation and Maintenance Data				1_						X				Х								
		METAL DUCTS A		Indicate pressure tests performed. Include date; section tested, test pressure, and leakage rate, following SMACNA HVAC Air Duct Leakage Test Manual. Record actual locations of ducts and duct						x				x				x								
		23 31 13	1.4B	fittings. Record changes in fitting location and type. Show additional fittings used.									х		х			x								
		23 31 13	1.4B	Submit all certifications and testing data as a supplement to previously submitted O & M manuals at contract closeout.						x x	(x	х			x								
		23 31 13 HVAC POWER V		LEED Prerequisites. VOC content for adhesives and sealants DRS			х			x				х		х										

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				Include rated capacities, furnished specialties,																						
				and accessories for each type of product		х											х									
		23 34 23	1.3A	indicated																						
		23 34 23	1.3A	For each type product							х						х									
		23 34 23		Include manufacturers' descriptive literature, instructions for lubrication, motor and drive replacement, spare parts list, and wiring diagrams.									:	x	x			x								
		23 34 23 DIFFUSERS, RE		Submit all certifications and testing data as a supplement to previously submitted O & M manuals at contract closeout. AND GRILLES					x	x					x			x								
		23 37 13	1.3A	Provide data for equipment required for this project. Include outlets, inlets, size, finish, type of mounting, schedule of outlets.		x								x			x									
		COMMERCIAL-K																								
		23 38 13	1.3B	For each type product		X											Х									
		23 38 13	1.3C	Show plans, elevations, sections; indicate performance; attachment; water-supply; control cabinets; fire protection; detail assemblies; diring diagrams.	x												x									
		23 38 13		Piping Diagrams	х												х									
		23 38 13	1.3E	Field Test reports					Х								Х									
		23 38 13	1.3F	For each system and product										Х		Х										
		BREECHINGS, C	HIMNEYS	S, AND STACKS																						
		23 51 00		For each type product		X								X			X									
		HEATING BOILE		Provide capacity and dimensions of manufactured products and assemblies required for this project. Indicate electrical service with electrical characteristics and connection requirements, and duct		x											x									
		23 52 00	1.3B	connections.		-		_							1	-	-									
		23 52 00		Indicate capacity and dimensions of manufactured products and assemblies required for this project.	х												x									
		23 52 00	1.3D	For all products										X		<u> </u>	Х									
		23 52 00		Indicate condition of equipment after start-up including control settings and performance chart of control system							x					х										
		23 52 00	1.4B	For all products			Ш	\Box					\Box	Х	Х			X					-			
		23 52 00 FUEL-FIRED HE		Submit all certifications and testing data as a supplement to previously submitted O & M manuals at contract closeout.					x	x					x			x								
		23 54 16		Provide manufacturer's literature and data indicating rated capacities, weights, accessories, electrical nameplate data, and wiring diagrams		x											x									
		23 54 16	1.3A	Indicate assembly, required clearances, and locations and sizes of field connections	x												х									
+		23 54 16 23 54 16		For all products	$\vdash \vdash$	+	\vdash	\dashv		-				х	1	 	Х					H		\vdash		
\Box		20 04 10	1.3A	proran products			1							-•	1	<u> </u>	^					ш				

			SURMITT	AL REGISTER	TITL	E AN	ID LO	CATIO	ON:																	PROJECT DATE: (MONTH/YEAR)
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Activity No.	Transmittal No.	Section Number	Paragraph Number	Description of Submittal	01-PRECON SUBMITTALS	02-SHOP DRAWINGS	04-WARRANTIES	05-SAMPLES	06-DESIGN DATA	08-CERTIFICATES	09-MFRS INSTRUCTIONS	10-MFRS FIELD REPORT	11 -PROJECT RECORD DOCUMEN	12-O&M DATA 13-LEED / SUSTAINABLE	14-CLOSEOUT SUBMITTALS	Information Only	A/E Approval G, AE	Government Approved G, AO	Submit	Approval Needed By	Scheduled Submittal Date	Action Code	Date of Action	Action Code	Date of Action	
		23 54 16	1.3B	Indicate rigging, assembly, and installation instructions							х					х										
		23 54 16	1.3C	Include manufacturer's descriptive literature, operating instructions, maintenance and repair data, and parts listing									3	x	x			x								
		23 54 16		Submit warranty, fill out in government's name and register with manufacturer			х			х					X			x								
		23 54 16 23 54 16	1.3C	Manufacturer's qualifications Submit all certifications and testing data as a supplement to previously submitted O & M manuals at contract closeout.					3	(X					x			x								
		AIR COOLED CO		Indicate capacity and dimensions of manufactured products and assemblies required for this project. Indicate electrical service with electrical characteristics and connection requirements, and duct		x												x								
		23 62 13 23 62 13		connections. Provide capacity and dimensions of manufactured products and assemblies required for this project. Indicate electrical service with electrical characteristics and connection requirements, and duct connections.		:	x		x z	(x		3	x				x								
		23 62 13	1.3B	Include manufacturer's descriptive literature, operating instructions, installation instructions, maintenance and repair instructions, including lubrication instructions, desiccant filter replacement, motor and drive replacement, and spare parts lists.									1	x	x			x								
		23 62 13	1.3B	Recommended Spare Parts List with long and short term requirements											х			х								
		23 62 13	1.3B	Submit all certifications and testing data as a supplement to previously submitted O & M manuals at contract closeout.					2	ζ x					x			x								
		23 62 13		LEED submittals	LΤ				LT			T	I	Х		Х	$\Box \Box$									
		PACKAGED WA 23 64 00		Provide manufacturer's literature and data indicating rated capacities, weights, accessories, electrical nameplate data, and wiring diagrams		3	x										x									
		23 64 00		Indicate assembly, required clearances, and locations and sizes of field connections		х								v			X									
		23 64 00 23 64 00 23 64 00	1.4B	For all products Installation instructions Certify that components of package not furnished by manufacturer have been selected in accordance with manufacturer's requirements						x	x			X		x	X									
		23 64 00 PACKAGED ROO	1.5	Submit all certifications and testing data as a supplement to previously submitted O & M manuals at contract closeout.					2	x x					х			x								
		ILYOVAGED KO	JETUP HV	AU UNITO																						

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		23 74 13		Indicate capacity and dimensions of manufactured products and assemblies required for this project. Indicate electrical service with electrical characteristics and connection requirements, and duct connections. Provide capacity and dimensions of manufactured products and assemblies		x													x								
		23 74 13		required for this project. Indicate electrical service with electrical characteristics and connection requirements, and duct connections.			x		x	x		x)	(x								
		23 74 13		Include manufacturer's descriptive literature, operating instructions, installation instructions, maintenance and repair instructions, including lubrication instructions, desiccant filter replacement, motor and drive replacement, and spare parts lists.)	<	x			x								
				Recommended Spare Parts List with long and												х			х								
		23 74 13		short term requirements Submit all certifications and testing data as a supplement to previously submitted O & M						x	x					х			x								
		23 74 13	1.3B	manuals at contract closeout.											v		v						-				
		23 74 13		LEED submittals M AIR CONDITIONERS	ļ			-	1 1		Į.				X		Х	1	1								
		23 81 26 23 81 26	1.3A 1.3A	MAIN CONDITIONERS Indicate components, assembly, dimensions, weights and loadings, required clearances, and location and size of field connections. Include schematic layouts showing condensing units, cooling coils, refrigerant Provide rated capacities, weights, data and wiring diagrams. ND COOLING UNITS		x	x											x									
		23 82 00	1.3A	Include rated capacities, operating characteristics, furnished specialties, and accessories for each type of product indicated		x													x								
		23 82 00		Indicate cross sections of cabinets, grilles, bracing and reinforcing, and typical elevations. Submit schedules of equipment and enclosures typically indicating length and number of pieces of element and enclosure, corner pieces, end caps, cap strips, access doors, pilaster covers, and comparison of specified heat required to actual heat output provided. Indicate mechanical and electrical service locations and requirements.	x														x								
		23 82 00	1.3B	Installation instructions and recommendations								x							x								
		23 82 00		Record actual locations of components and locations of access doors in radiation cabinets required for access or valving.										x			х							_			

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		23 82 00	1.3C	Include manufacturers' descriptive literature, operating instructions, installation instructions, maintenance and repair data, and parts listings. Submit all certifications and testing data as a							x			х			ĸ									
		23 82 00 AIR COILS	1.3C	supplement to previously submitted O & M manuals						X	X			X	X			X								
		23 82 16	1.3B	Provide coil and frame configurations, dimensions, materials, rows, connections, and rough-in dimensions.			x											x								
L		23 82 16	1.3C	Indicate coil and frame configurations, dimensions, capacities, materials, rows, connections, and rough-in dimensions.		х												x								
		23 82 16 MECHANICAL D	1.3D	Operation and maintenance data								Ţ		X				Х								
		INLESTIMITORE D	LITOWIDI	Indicate capacity and dimensions of manufactured products and assemblies required for this project. Indicate electrical service with electrical characteristics and connection requirements, and duct connections.		x :	x x	x	x	x i	x x			x	×	ı		x								
		23 84 16 PRODUCT REFF		ON EVETEME																						
		23 90 00		Contract variances				1				х	1					х								
		23 90 00		Refrigeration Capacity Calculations: For each refrigeration system, and for refrigeration piping pressure drops.		:	x		x									х								
		23 90 00	1.3	Provide completed refrigeration schedules in same format as on contract drawings.		х												х								
		23 90 00		Installation drawings including proposed piping, wiring, and equipment; interconnecting piping and wiring between evaporators, unit coolers, heat recovery coils, and refrigerated display cases. Include details for attachment, anchoring, and hanging to structural framing of the building; vibration isolation units; and foundation and supports.		x												х								
		23 90 00		Letter Acknowledging Submitted Design for Electrical							х							х								
		23 90 00	1.3	Electrical - Provide power layout drawings showing electrical runs with wire sizes, conduit sizes, and connection points. Wiring diagrams shall identify each component, and one diagram shall show interconnected or interlocked components.		x												х								
		23 90 00		Electrical - Breaker Cut Sheets	-		X	1			-				-	- -		X								
-		23 90 00 23 90 00		Electrical - Transformer Cut Sheets Subcontract plan	\vdash		X X	1			+				+	+		X	1	1						
				Manufacturer data sheets for each product			x				х			х				х								
		23 90 00 23 90 00		indicated Manufacturer approval of Installer		- -	`				x ^	1		^	\perp	\bot	-	X	ļ							
		23 90 00	1.3	ivianuiacturer approvai or installer							^							, A	1	1	i	1		1		

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		23 90 00		Installer qualifications					Х							Х								
		COMMON WORK	K RESULT	S FOR ELECTRICAL																				
		26 05 00	1.2A	For electricity-metering equipment		x										х								
		26 05 00	1.2B	Dimensioned plans and sections or elevation layouts of electricity-metering equipment.	х											х								
		26 05 00 MEDIUM-VOLTA 26 05 13	GE CABL	Indicate and interpret test results for compliance with performance requirements. ES For each type of product indicated					x							x x								
		26 05 13		For each type of product indicated	\dashv	+ - +	х							1		Х								
		20 00 10		For testing agency, and for cable splicing		\Box	Ť		J.					1		х								
		26 05 13	1.2C	technician.					х							X								
		26 05 13		Source quality-control test reports					Х							Х								
		26 05 13		For each type of product indicated					Х							X								
		26 05 13		Field quality test reports					X						:	Х								
				CAL POWER CONDUCTORS AND CABLES	1	1 1	1	1 1																
		26 05 19		For each type of product indicated		Х										X								
		26 05 19		Field quality test reports					Х						1 1 .	Х								
				NG FOR ELECTRICAL SYSTEMS	- 1	1 . 1	1	1 1	- 1		-				1 1	v								
		26 05 26	1.2A	For each type of product indicated For firms and persons listed in "Quality		Х	-	+					+	-		Х								
		26 05 26	1.3	Assurance" paragraph					Х							X								
-		26 05 26		Test reports					х							х								
				OR ELECTRICAL SYSTEMS			_				-				1 .	_								
			20,120	For raceways, wireways and fittings, outlet		1 1		1 1																
				boxes, floor boxes, hinged-cover enclosures,		х									x									
		26 05 33	1.3A	and cabinets.																				
				Show fabrication and installation details of																				
				components for custom raceways, fittings,																				
				boxes, enclosures, and cabinets not	X				X						x									
				completely described by published Product																				
		26 05 33	1.3B	Data.																				
		26 05 33	1.3C	Signed and sealed by a qualified professional engineer. Include design calculations, detail assemblies, dimensions, weights, loads, required clearances, method of field assembly, components and location and size of each field connection.	x										x									
				Submit certification that enclosures, cabinets,			T									T								
				accessories, and components will withstand					х						Х									
		26 05 33		seismic forces																				
		CABLE TRAYS F	OR ELEC	TRICAL SYSTEMS		1 1	1	1 1							1 1									
		26 05 36	1.2A	Include data indicating dimensions and finishes for each type of cable tray indicated.		x									x									
		26 05 36	1.2B	For each type of cable tray. Show fabrication and installation details and seismic restraint details	х										x									
		26 05 36		Coordination drawings	х	+	\top	1 1			1		1	1	Х	1								
<u> </u>		20 00 00	1.20	Oos an anon drawings	1.7			1		1		1 1		1	1 ~									

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				For each type of cable tray, signed by						,	(х									
		26 05 36	1.2D	product manufacturer.						′	`						_ ^									
		00.05.00	4.05	Manufacturer Seismic Qualification)	(х									
		26 05 36 26 05 36		Certification Field Test Reports		-				Х						+	х									
		26 05 36	1.2G	For cable trays including emergency, operation, and maintenance manuals CONTROLS FOR ELECTRICAL SYSTEMS Illustrate and indicate types, styles, materials,										x			x									
		26 05 48	1.3A	strength, fastening provisions, and finish for each type and size of seismic restraint component used.		3	x										x									
		00.05.40	1.00	For anchorage and bracing not defined by details and charts on Drawings. Indicate materials, and show designs and calculations	1	ĸ											x									
		26 05 48 26 05 48		signed and sealed by a professional engineer Coordination Drawings	-	K					+					+	х									
		26 05 48		Signed by manufacturers of seismic restraints certifying that products furnished comply with requirements.	,	`)	(
		26 05 48	1.3E	For firms and persons listed in "Quality Assurance" paragraph)	(х									
		26 05 48	1.3F	From a qualified testing agency indicating and interpreting test results of seismic control devices for compliance with requirements indicated.						x							x									
				ECTRICAL SYSTEMS			-	1		- 1		-1														
				For each electrical identification product		1	x										Х									
				CTRICAL SYSTEMS																						
		26 08 00		Commissioning submittals											Х		X									
		LIGHTING CONT 26 09 23		ICES For each type of product indicated.		١,	x			1	1	1					х									
\vdash		20 09 23	1.44	Show installation details for occupancy and			^			-	+	+			+											
		26 09 23	1.2B	light-level sensors.	,	K		L			\perp						х									
\Box		26 09 23	1.2C	Field quality-control test reports.				L				Х	Ш				Х	Ш				Щ		\perp		
		26 09 23		For each type of product to include in emergency, operation, and maintenance manuals.										x			x									
		MEDIUM-VOLTA	GE TRAN	Include rated nameplate data, capacities,							1															
		26 12 19	1.3A	weights, dimensions, minimum clearances, installed devices and features, location of each field connection, and performance for each type and size of transformer indicated		2	x										x									
		20 12 19	1.3A	Wiring and connection diagrams including		+		\vdash			+					+										
		26 12 19	1.3B	power, signal and control wiring where applicable Manufacturer Seismic Qualification	1	ĸ											x									
		26 12 19	1.3C	Certification)	(Х									
		26 12 19		Source quality-control test reports		╧	╧			Х	╧	╧				L										_
		26 12 19	1.3E	Field quality-control test reports						х							х									

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		26 12 19	1.3F	Follow-up service reports			T					Х)	K									
		26 12 19		For each type									Х)	K									
		LOW-VOLTAGE	TRANSFO																							
		26 22 00	1.2A	Include rated nameplate data, capacities, weights, dimensions, minimum clearances, installed devices and features, and performance for each type and size of transformer indicated.		х											ĸ									
		26 22 00	1.2B	Wiring and connection diagrams		X										,	K									
		26 22 00	1.2C	Manufacturer Seismic Qualification Certification						х)	ĸ									
		26 22 00	1.2D	Source quality-control test reports		+	-		х		\dashv				\dashv	,	ĸ					H				
		26 22 00		Output Settings Reports					X								ĸ									
		SWITCHBOARDS						,		, ,						,	,									
		26 23 00	1.3A	For each type of switchboard, overcurrent protective device, surge protective device, ground-fault protector, accessory, and component indicated. Include dimensions and manufacturers' technical data on features, performance, electrical characteristics, ratings, and finishes.		x)	ĸ									
		26 23 00	1.3B	For each switchboard and related equipment	1	x)	ĸ									
				Manufacturer Seismic Qualification						х)	κ									
		26 23 00 26 23 00	1.3C 1.3D	Certification					х	,							κ									
		26 23 00 26 23 00 PANELBOARDS	1.3E	Field quality-control test reports For switchboards and components to include in emergency, operation, and maintenance manuals					^				x				ĸ									
		26 24 16	1.3A	For each type of panelboard, overcurrent protective device, transient voltage suppression device, accessory, and component indicated. Include dimensions and manufacturers' technical data on features, performance, electrical characteristics, ratings, and finishes.		x										2	ĸ									
		26 24 16	1.3B	For each panelboard and related equipment.	:	X)	K									
		26 24 16	1.3C	Manufacturer Seismic Qualification Certification						х)	K									
		26 24 16		Qualification Data: For testing agency.		+	-			х	\dashv				\dashv	,	ĸ					H				
		26 24 16		Field quality-control test reports		╛	İ	L	х								K	L								
		26 24 16		Panelboard Schedules: For installation in panelboards. Submit final versions after load balancing. For panelboards and components to include	2	x					x	х	1)	ĸ									
		26 24 16 MOTOR-CONTR	OL CENTE	in emergency, operation, and maintenance manuals. ERS									x				ĸ									
		26 24 19	1.2A	For each type		X						_	\perp	Ų,			K									
		26 24 19	1.2B	LEED Documentation				<u> </u>						Х		X		1								

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				Include dimensioned plans, elevations, sections, and details, including required clearances and service space around equipment. Show tabulations of installed		x												x									
		26 24 19	1.2C	devices, equipment features, and ratings.																							
		26 24 19	1.2D	Coordination Drawings		Х												Х									
		26 24 19		Manufacturer Seismic Qualification Certification							х							х									
		26 24 19		Qualification Data: For manufacturer.							Х					1		Х									
		26 24 19	1.2G	Field quality-control test reports				l		Х							L	Х									
		26 24 19	1.2H	For each type		T									Х			Х									
				Compile after motors have been installed and																							
				arrange to demonstrate that selection of heaters suits actual motor nameplate full-load										X			1	X									
		26 24 19		currents.																							
		ENCLOSED BUS					- 1	'		1	1	1		- 1	- 1												
		26 25 00	1.3A	For each type			х											х									
		26 25 00	1.3B	For each type		Х												Х									
		26 25 00	1.3C	For each type							X							Х									
				Manufacturer Seismic Qualification							х							х									
		26 25 00		Certification Field quality-control test reports						v						-		v									
		26 25 00 26 25 00		Operation and Maintenance Data		-				Х					x	-		X									
		WIRING DEVICE		Operation and maintenance Data		- 1	- 1				1	1		1 '	^			^	1								
		26 27 26		For each type product indicated		х	х							1				Х									
		PROCESSING A	REA SIGN	IALING (DOORBELL) SYSTEM		,	,		,	1	'	,		,				,									
		26 27 73		For each type product indicated			х											Х									
				SYSTEM PROTECTION											,												
				For computer software program to be used for			х											х									
		26 28 01		studies																							
-		26 28 01		Product certificates							X					-		X									
-		26 28 01 26 28 01		For coordination-study specialist. Reports		\dashv	-	-	+		X	-		Х	-1-	+	1	X									
		FUSES	1.20	Toporto			- 1	1	1	1	1	1	!	^	-			^	1								
		26 28 13	1.2	For each type fuse indicated			х											х									
		26 28 13		Ambient temperature adjustment information	П		Х		Х			Х					t	Х									
				For fuses to include in emergency, operation										Π,	х			х									
		26 28 13		and maintenance manuals						1				1.	~			^	1								
		ENCLOSED SW	I CHES A	ND CIRCUIT BREAKERS		1					1	1						1	1								
		26 28 16		For each type of enclosed switch, circuit breaker, accessory, and component indicated. Include dimensioned elevations, sections, weights, and manufacturers' technical data on features, performance, electrical characteristics, ratings, and finishes.			x											x									
-		26 28 16 26 28 16	1.3A 1.3B	Diagram power, signal, and control wiring	H	Х	-	-							-	+	1	Х	-				\vdash		\vdash		
		26 28 16		Diagram power, signal, and control wiring Submit certification that enclosed switches and circuit breakers, accessories, and components will withstand seismic forces defined in Division 26 Section Vibration and Seismic Controls for Electrical Systems		^					x							x									
		26 28 16		Qualification data		+		+		\vdash	х					+	1	+	+								
		26 28 16		Field quality test reports		-				Х						1	1	Х									
		20 20 10	1.02	i. ioia quanty toot roporto						1	1	1	<u> </u>		_		<u> </u>			1	L						

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Activity No.	Transmittal No.	Section Number	Paragraph Number	Description of Submittal	01-PRECON SUBMITTALS	03-PRODUCT DATA	04-WARRANTIES	05-SAMPLES	06-DESIGN DATA	08-CERTIFICATES	09-MFRS INSTRUCTIONS	10-MFRS FIELD REPORT	11 -PROJECT RECORD DOCUMEN	13-LEED / SUSTAINABLE	14-CLOSEOUT SUBMITTALS	Information Only	A/E Approval G, AE	Government Approved G, AC	Submit	Approval Needed By	Scheduled Submittal Date	Action Code	Date of Action	Action Code	Date of Action	
		26 28 16		For enclosed switches and circuit breakers to include in emergency, operation, and maintenance manuals)	x			x									
		26 32 14	1.3A	GENERATOR SETS Data on features, components, accessories ratings, and performance. Thermal damage curve for generator. Time-current characteristic curves for generator protective device. Detail equipment assemblies and indicate dimensions, weights, loads, required clearances, method of field assembly,		x											x x									
		26 32 14 26 32 14		components, and location and size of each field connection. Welding certificates	,	`				х							X									
		26 32 14		Manufacturer Seismic Qualification Certification						x							^									
		26 32 14	1.3E	Installer and testing agency qualfication data						x							х									
		26 32 14	1.3F	Certified summary of prototype-unit test report.)	(х									
		26 32 14	1.3G	For components and accessories that are equivalent, but not identical, to those tested on prototype unit. Demonstrate compliance with specified)	(x									
		26 32 14	1.3H	requirement to meet performance criteria for sensitive loads. Report of factory test on units to be shipped)	х							х									
		26 32 14		for this Project, showing evidence of compliance with specified requirements. Report of sound generation. Field quality-control test reports.)								x									
		26 32 14	1.3J	Comply with NFPA 110 For packaged engine generators to include in emergency, operation, and maintenance						Х)	x			x									
		26 32 14 26 32 14 POWER FACTO	1.3L	manuals. Warranty CTION EQUIPMENT			X										х									
		26 35 33	1.2A	Data on features, components, accessories ratings, and performance. Thermal damage curve for generator. Time-current characteristic curves for generator protective device.		x											x									
		26 35 33	1.2B	Manufacturer Seismic Qualification Certification Indicate and interpret test results for						X																
		26 35 33 26 35 33	1.2D	compliance with performance requirements For each type					,)	x		H	x									
		TRANSFER SWI 26 36 00		Include rated capacities, operating characteristics, furnished specialties, and accessories.		x											x									

			SUBMITT	AL REGISTER	TITI	E Al	ND LO	CATI	ON:																	PROJECT DATE: (MONTH/YEAR)
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Activity No.	Transmittal No.	Section Number	Paragraph Number	Description of Submittal	01-PRECON SUBMITTALS	02-SHOP DRAWINGS	03-PRODUCT DATA 04-WARRANTIES	05-SAMPLES	06-DESIGN DATA	07-TEST REPORTS 08-CERTIFICATES	09-MFRS INSTRUCTIONS	10-MFRS FIELD REPORT	11 -PROJECT RECORD DOCUMEN	12-O&M DATA 13-LEED / SUSTAINABLE	14-CLOSEOUT SUBMITTALS	Information Only	A/E Approval G, AE	Government Approved G, AO	Submit	Approval Needed By	Scheduled Submittal Date	Action Code	Date of Action	Action Code	Date of Action	
		26 36 00	1.2B	Dimensioned plans, sections, and elevations showing minimum clearances, conductor entry provisions, gutter space, installed features and devices, and material lists for each switch specified. Manufacturer Seismic Qualification		x					_						x									
		26 36 00 26 36 00		Certification Manufacturer qualification data							(X									
		26 36 00 26 36 00	1.2E	Field quality-control test reports Operation and Maintenance Data						Х				x			X									
			DDIC PRO	TECTION FOR UNDERGROUND AND SUBME For all types	ERG		PIPIN X	Ġ	 I I	ì	i	i	 	i			x									
		26 42 13		Test reports			^			х		1				1	X									
		26 42 13		Operation and Maintenace Data	H	7		1			t			Х		1	X		1	1						
		26 42 13		Record drawings		Х											Х									
		TRANSIENT VOL	TAGE SU	PPRESSION																						
		26 43 00	1.2A	For each type product			X										Х									
		26 43 00	1.2B	Signed by manufacturers of transient voltage suppression devices, certifying that products furnished comply with specified testing and labeling requirements						X	(x									
		26 43 00	1.2C	Field test reports						х						Х										
		26 43 00	1.2D	Maintenance data for transient voltage suppression devices										х			х									
		26 43 00	1.2E	Warranties			Х									х	:									
		INTERIOR LIGHT	ΓING	For each type of lighting fixture scheduled, arranged in order of fixture designation. Include data on features, accessories, finishes, photometric performance data			x										x									
		26 51 00	1.3B	Wiring Diagrams: Power, signal, and control wiring.		x							x				X									
		26 51 00		For each type of ballast for dimmer-controlled fixtures, signed by product manufacturer.						>	(х									
-		26 51 00	1.3D	Field quality-control test reports.	\vdash	4	_	-		Х	-	-			-	+	Х	-								
		26 51 00		For lighting equipment and fixtures to include in emergency, operation, and maintenance manuals.										x			x									
		26 51 00		Special warranties			Х						LΙ				Х									
		EXTERIOR LIGH		For each luminaire including features,			x										x									
-		26 56 00		accessories and finishes		v	v	-	\vdash			-	\vdash		-	1										
-		26 56 00		For each pole type; anchor-bolt templates		X	٨	-	\vdash		-	-			+	-	X	1								
\vdash		26 56 00		Wiring diagrams	H	Х		Х	\vdash		-	-			+	-	X									
H		26 56 00 26 56 00		For exterior luminaires; lamps, ballast; finish Field quality control test reports				X		х							X									
		26 56 00	1.3F	Operation and Maintenance data										X		Х										
			G OF COM	Special warranties MUNICATION SYSTEMS			х									х										
		27 08 00		Commissioning submittals											Х		Х									
				ZONTAL CABLING For each type product			х		Ш								Х									

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Activity No.	Transmittal No.	Section Number	Paragraph Number	Description of Submittal	01-PRECON SUBMITTALS	03-PROPILICT DATA	04-WARRANTIES	05-SAMPLES	06-DESIGN DATA	08-CERTIFICATES	09-MFRS INSTRUCTIONS	10-MFRS FIELD REPORT	11 -PROJECT RECORD DOCUMEN	12-O&M DATA 13-LEED / SUSTAINABLE	14-CLOSEOUT SUBMITTALS	Information Only	A/E Approval G, AE	Government Approved G, AO	Submit	Approval Needed By	Scheduled Submittal Date	Action Code	Date of Action	Action Code	Date of Action	
		27 15 00	1.5B	System labeling schedules; cabling administration drawings; wiring diagrams; cross-connects and patch panels; cable tray layouts For workstation outlets, jacks, jack)	x											x									
		27 15 00	1.5C	assemblies, in specified finish, one for each size and outlet configuration and faceplates for color selection and evaluation of technical				х									x									
		27 15 00 27 15 00		For Installer, qualified layout technician, installation supervisor, and field inspector. Source quality reports)								x									
		27 15 00 27 15 00		Field quality reports For splices and connectors	\vdash	-)	(-	x		\vdash	X									
		27 15 00		Software and firmware operational documentation									2	x			х									
		PUBLIC ADDRES				1	1	1		1						١.,										
		27 51 16	1.3A	For each type product)	(Х									
		27 51 16	1.3B	Design calculations, equipment details, control panels, rack arrangements, wiring diagrams)	ĸ											x									
		27 51 16	1.3C	Manufacturer seismic certification; dimensioned outline drawings of equipment; detailed description of equipment anchorage devices						x							x									
		27 51 16	1.3D	Qualification data for installer and testing agency						x						х										
		27 51 16		Field quality control test reports)							х										
		27 51 16		Operation and Maintenance Data, including emergency, operation, and maintenance manuals									3	x		х										
				CTRONIC SAFETY AND SECURITY SYSTEM	S											l .										
		28 08 00		Commissioning submittals											х		x									
		INTRUSION DET					,						,			ļ.,										
		28 16 00	1.3A	For each type product Equipment/System description; include methods of operation; type of circuit; sequence of operations and specific)			x								x									
		28 16 00	1.3B	descriptions for this project																						i
\vdash		28 16 00		Installer qualifications		+		1		х		-	+		1	х								1		
+		28 16 00		Field quality control test reports		+	+	1)	_	+		-	-	1	⊢î	х							1		
				Operation and Maintenance data for each type of product, central station control unit												х										
		28 16 00	1.3E	hardware and software data.	oxdot								_													
$\mid + \mid$		28 16 00		Special warranty specified Test Plan and Schedule; Examination reports;			Х		,	,	H		+			Х	х									
		28 16 00 VIDEO SURVEIL		anchor inspection reports		-1			'	١.							^									
		28 23 00		For each type product)	(x									
				Detail assemblies of standard components											1											
		28 23 00	1.3B	that are custom assembled for specific application)	K											Х									

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Activity No.	Transmittal No.	Section Number	Paragraph Number	Description of Submittal	11-PRECON SUBMITTALS	2-SHOP DRAWINGS	3-PHODUCI DATA 4-WARRANTIES	5-SAMPLES	6-DESIGN DATA	8-CERTIFICATES	9-MFRS INSTRUCTIONS	0-MFRS FIELD REPORT	11 -PROJECT RECORD DOCUMEN 2-0&M DATA	13-LEED / SUSTAINABLE	4-CLOSEOUT SUBMITTALS	Information Only	A/E Approval G, AE	Government Approved G, AO	Submit	Approval Needed By	Scheduled Submittal Date	Action Code	Date of Action	Action Code	Date of Action	
				Include every piece of equipment by model	0	8 6	5 0	0	0 0		٥	- ,			÷	-	a									
				number, manufacturer, serial number,			x		х							х										
		28 23 00	1.3C	location, and date of original installation.																						
		22.22.22	4.00	Manufacturer Seismic Qualification						х							х									
		28 23 00 28 23 00	1.3D 1.3E	Certification Field quality control test reports	H)	,			-				X	-								
		26 23 00	1.3⊑	Operation and Maintenance data for each		+				`		-	+				^									
				type of product, central station control unit												х										
		28 23 00	1.3F	hardware and software data.																						
		28 23 00		Special warranty specified			Х									Х										
				IFICATION SYSTEMS	L ,																					
		28 31 76	1.6A	For each type product		- 2	X										Х									
				System operation description; device address list; control input output matrix; system riser diagram; wiring diagrams; batteries; duct smoke detectors; elevation details; device		x											x									
		28 31 76	1.6B	mounting details; floor plans																						
		28 31 76	1.6C	Cut sheets, calculations and other design documents listed Copies of certificates for installers and		х											x									
		28 31 76	1.6D	documenting approved manufacture representation shall be provided						x							х									
		28 31 76	1.6E	Field quality-control test reports)	(х										
		28 31 76	1.6F	Operation and Maintenance data									х	(х										
		28 31 76	1.6G	Submittals to Authorities Having Jurisdiction						x						х										
		28 31 76 EARTHWORK	1.6H	"Record of Completion" form and "permanent records documents"											х			x								
		31 00 00	1.3A	For each type of plastic warning tape; geotextiles; controlled low strength material; design mixture.		2	x										x									
		31 00 00	1.3B	Material test reports					X >							Х										
		31 00 00		Special Inspection Reports				1)	(X									
		SITE CLEARING		S		1		1	1 1	1	1 1			1		١.,	v I									
\vdash		31 10 00 31 10 00		Photographs or Videotape Record drawings	X	-	-	1		-	\vdash	Η,	v		-		X					-		<u> </u>		
		31 10 00		Erosion and Sedimentation Control Plan	X	+	-			+	H	+	^				X	\dashv				\vdash		\vdash		
		TERMITE CONT		2.33.5.1 and Coamonation Control Fidit		1		1		1	· · · ·															
		31 31 16		For each type of product		- :	x										Х									
		31 31 16	1.2B	For termite control products, from manufacturer						х						х										
\vdash		31 31 16		Soil Treatment Application Report	\vdash	+)	(H	+	+			х		+						t		
		31 31 16		Warranty	Lt			L		Х					L	Х						L		L		
		31 31 16		Installer qualificaiton						Х						Х										
		31 31 16		Application Confirmation				1)	(Х										
				ERIOR IMPROVEMENTS		ı		1	1 1	1	1 1	1	1	1	х		v I									
		32 08 00 HOT MIX BITUM		Commissioning submittals				1							X		X									
		IUOT MIY BITOM	IIVOUS PA	I V EIVIEIN I																						

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Activity No.	Transmittal No.	Section Number	Paragraph Number	Description of Submittal	01-PRECON SUBMITTALS	03-PRODUCT DATA	04-WARRANTIES	05-SAMPLES	06-DESIGN DATA	08-CERTIFICATES	09-MFRS INSTRUCTIONS	10-MFRS FIELD REPORT	11 -PROJECT RECORD DOCUMEN	12-O&M DATA 13-LEED / SUSTAINABLE	14-CLOSEOUT SUBMITTALS	Information Only	A/E Approval G, AE	Government Approved G, AO	Submit	Approval Needed By	Scheduled Submittal Date	Action Code	Date of Action	Action Code	Date of Action	
		32 12 17	1.3A	For each product; including technical data and tested physical and performance properties		x											х									
		32 12 17		Job mix designs for each job mix proposed					Х								Х									
		32 12 17		Material test reports					х								Х									
		32 12 17	1.3D	Manufacturers qualifications						Х							Х									
		32 12 17		Material certificates						Х							Х									
		CONCRETE PAY																								
		32 13 13	1.3A	For each type of product		Х											Х									
		32 13 13	1.3B	LEED documentation for recycled content and mixtures		х								х		х										
-		32 13 13	1.30	inixtures																						
		32 13 13	1.3C	Design mixes for each concrete pavement mix					X								X									
		32 13 13		Material test reports					х						-	х										
		CONCRETE PAY				,			,	' '		,	,	,				'								
				For each type of product		Х											Х									
		CHAIN LINK FEN																								
		32 31 13	1.3A	For each type of product		Х											X									
		32 31 13	1.3B	Show locations of fence, each gate, posts, rails, and tension wires and details of extended posts, extension arms, gate swing, or other operation, hardware, and accessories.	×	C											x									
		32 31 13		Certifying that products furnished comply with requirements.						x						х										
		32 31 13		Qualification Data						х						х										
		32 31 13	1.3E	Compliance of chain link fence and gate grounding and bonding with performance requirements.								x				х										
		32 31 13		Maintenance Data)	X		Х										
		PLANTING IRRIC				1											1 1									
-		32 84 00	1.4A	For each type Detailed design of the irrigation system		X									-		Х									
		32 84 00	1.4B	piping, including plan layout and locations, types, sizes, capacities, and flow characteristics of sprinkler piping components.	x	(x									
		32 84 00		Test reports		+	+	H	х			+			1	х										
		32 84 00		Operation and Maintenance Data			1		- 1			1)	х	1	X										
\Box		52 5 . 00		Show each irrigation zone and its control	,	,	1					1	1													
		32 84 00	1.4E	valve	,	١.										х										
		32 84 00	1.4F	Indicate timing settings for each automatic controller zone.					x							х										
		32 84 00 PLANTING		Operation and Maintenance Data			1						3	x		Х										
		32 90 00		Certified analysis for standard products						Х						X										
\vdash		32 90 00		Application instructions			-		\perp		Х					X										
\vdash		32 90 00		For all products			-	Х		Х		-		-	1	X										
\vdash		32 90 00 32 90 00		Grass Seed Certification Maintenance Instructions			-		_	Α.			,	x	-	X						\vdash		\vdash		
		COMMISSIONIN				1	1	1	- 1	1 1	1 1	1	1	- 1		1^	1									
		33 08 00		Commissioning submittals											х		х									
		WATER DISTRIE		3 		1	1	<u>' '</u>		1	<u>' '</u>						1	'								

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Activity No.	Transmittal No.	Section Number	Paragraph Number	Description of Submittal	01-PRECON SUBMITTALS 02-SHOP DRAWINGS	03-PRODUCT DATA	05-SAMPLES	06-DESIGN DATA	07-TEST REPORTS 08-CERTIFICATES	09-MFRS INSTRUCTIONS	10-MFRS FIELD REPORT	11 -PROJECT RECORD DOCUMEN	12-O&M DATA 13-LEED / SUSTAINABLE	14-CLOSEOUT SUBMITTALS	Information Only	A/E Approval G, AE	Government Approved G, AO	Submit	Approval Needed By	Scheduled Submittal Date	Action Code	Date of Action	Action Code	Date of Action	
		33 11 00	1.4A	For each type		X									1	X									
		33 11 00		Detail precast concrete vault assemblies and indicate dimensions, method of field assembly, and components including wiring diagrams	x											х									
		33 11 00 33 11 00	1.4C	For piping and specialties including relation to other services in same area, drawn to scale. Show piping and specialty sizes and valves, meter and specialty locations, and elevations. Purging and Disinfecting Reports	x				x						х	x									
		33 11 00		Operation and maintenance data									Х		Х										
		SANITARY SEW	ERS									Ţ,													
		33 30 00	1.4A	Product data for piping, fittings, gaskets, couplings, clean-outs, identification materials Precast and cast-in-place concrete manholes,	x	х										x									
		33 30 00	1.4B	including plan, elevation, sections, details and frames and covers	X											Х									
		33 30 00	1.4C	Design Mix Reports and Calculations				X								X									
		33 30 00 STORM DRAINA		Field test reports; include performance compliance requirements					х						х										
		33 40 00	1.4A	Product data for piping materials, clean-outs, couplings, identification materials		х										x									
		33 40 00	1.4B	Precast and cast-in-place concrete manholes, including plan, elevation, sections, details and frames and covers	x											x									
		33 40 00	1.4C	Design Mix Reports and Calculations				х								х									
		33 40 00	1.4D	Field test reports; include performance compliance requirements					x						х										
		NATURAL-GAS I	DISTRIBUT	TION				1 1																	
		33 51 00		Product data for piping, valves, service regulators, service meters		х									1	x									
		33 51 00		regulators, service meters For natural gas service piping and service meter assembly. Include plans, elevations, sections, details, and attachments to other work.	х											x									
								1 1					х		х										
		33 51 00 OVERHEAD ELE		Operation and maintenance data DISTRIBUTION						1			^		1^										
		33 71 01	1.3A	For each type		Х										Х									
		33 71 01		Qualification Data					Х							Х									
		33 71 01		Material certificates				\Box	Х			\Box				Х									
		33 71 01		Listing documentation					Х						Х										
		33 71 01		Time-Current Coordination Curves		\vdash		+	v			Х			-	X					\vdash		-		
		33 71 01		Field Test and Inspection Reports	_			1 +	Х	-	X		v		Х	х							!		
			ELECTR	Maintenance Data ICAL DISTRIBUTION For each type		 x	1			1	1 - 1 1 - 1	1	X		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	x									
$\sqcup \sqcup$		33 / 1 02	1.35	For each type		٨			_						1	, A]		l	l	لـــا		<u> </u>		

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			33 71 02		Showing plan and section views of the manholes to scale, detailing wall thicknesses, reinforcement, and layout of ducts, appurtenances and accessories	x											x									