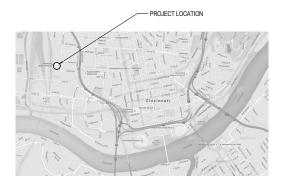
Cincinnati Union Terminal Restoration and Renovation



PROJECT RELEASE: CONSTRUCTION DOCUMENTS PACKAGE A - EXTERIOR

OWNER	PROJECT ARCHITECT	CONSTRUCTION MANAGER	PRESERVATION ARCHITECT	STRUCTURAL ENGINEER	STRUCTURAL ENGINEER	MEP ENGINEER / LIGHTING	MEP ENGINEER	CIVIL ENGINEER LANDSCAPE ARCHITECT
UNION TERMINAL LLC	GBBN Architects Inc.	Turner Construction	John G. Waite Assoc. Architects	Silman	THP Limited Inc.	Arup	Heapy Engineering	The Kleingers Group
1301 Western Ave. Cincinnati, OH 45203	332 E. 8th St. Cincinnati, OH 45202-2217 v 513.241.8700	250 W. Court St. Suite 300 Cincinnati, OH 45202 v 513.721.4224	384 Broadway St. Albany, NY 12207 v 518.449.5440	32 Old Slip, 10th Floor New York, NY 10005 v 212.620.7970	100 East 8th St. Cincinnati, OH 45202 v 513.241.3222	1120 Conneticut Ave. Suite 1110 Washington D.C. 20036 v 202.729.8220	1400 West Dorothy Ln. Dayton, OH 45409 v 937.224.0861	6305 Centre Park Dr. West Chester, OH 45069 v 513.779.7851
	f 513.241.8873		64 Fulton St. Suite 402 New York, NY 10038 v 212.619.4881			77 Water St. New York, NY 10005 v 212.896.3000		652 Main St. Cincinnati, OH 45202 v 513.644.4800

LOCATION & VICINITY MAP OVERALL PROJECT DESCRIPTION



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2 - BID PACKAGE 'A' - BUILDING EXTERIOR PACKAGE (LATE APRIL 2016)

3 - BID PACKAGE 'D' - INTERIOR DEMOLITION PACKAGE (SUMMER 2016)

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5 - BID PACKAGE 'B' - INTERIOR PACKAGE (SUMMER 2016)

BID PACKAGE 'A' SCOPE DESCRPTION



The general scope of this package is the restoration and repair of the building envelope. The main areas of focus are cleaning, repair and/or replacement of roofs, stone and brick masonry, windows, doors, and steel and concrete structural frames.

The work in this package is concentrated on the main portions of the exterior of the Terminal building. Work on the site, landscaping, fountain plaza, and west areas of the building adjacent to the rail yard are part of a separate package, unless noted otherwise.

Work on the interior of the building is generally also a separate package. Coordinate interior finishes, MEPIFP, and other work with the scope of work in this package. Some portions of the building interior will remain open to the public during construction. Coordinate with Pkg. C and the Construction Manager to ensure public egress and safety is

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DRAWING INDEX - A

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GBBN architects

Project Architect
GBBN Architects Inc.
332 East 8th Street
Clincinnati, OH 45202
T (513) 241-8700
F (513) 241-8873





Construction Manager Turner Construction 250 West Court St. Ste. 300 Cincinnati, OH 45202 (513) 721-4224

Preservation Architect John G. Walle Assoc. Architects 384 Broadway Albany, NY 12207 (518) 449-5440 64 Fulton St. Ste. 402 New York, NY 10038 (212) 619-4881

Structural Engineer
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New York, NY 10005

New York, NY 10005 (212) 620-7970 Structural Engineer THP Limited Inc. 100 East 8th St. Cincinnati, OH 45202 (513) 241-3222

(513) 241-3222 MEP Engineer Arup

> (202) 729-8220 MEP Engineer Heapy Engineering 1400 West Dorothy Ln. Dayton, OH 45409 (937) 224-0851

Civil Engineer Landscape Architec The Kleingers Group 6305 Centre Park Dr. West Chester, OH 45069

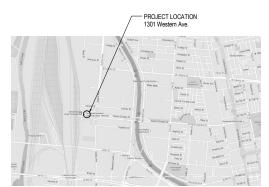
CONSTRUCTION
DOCUMENTS
PACKAGE A - EXTERIOR

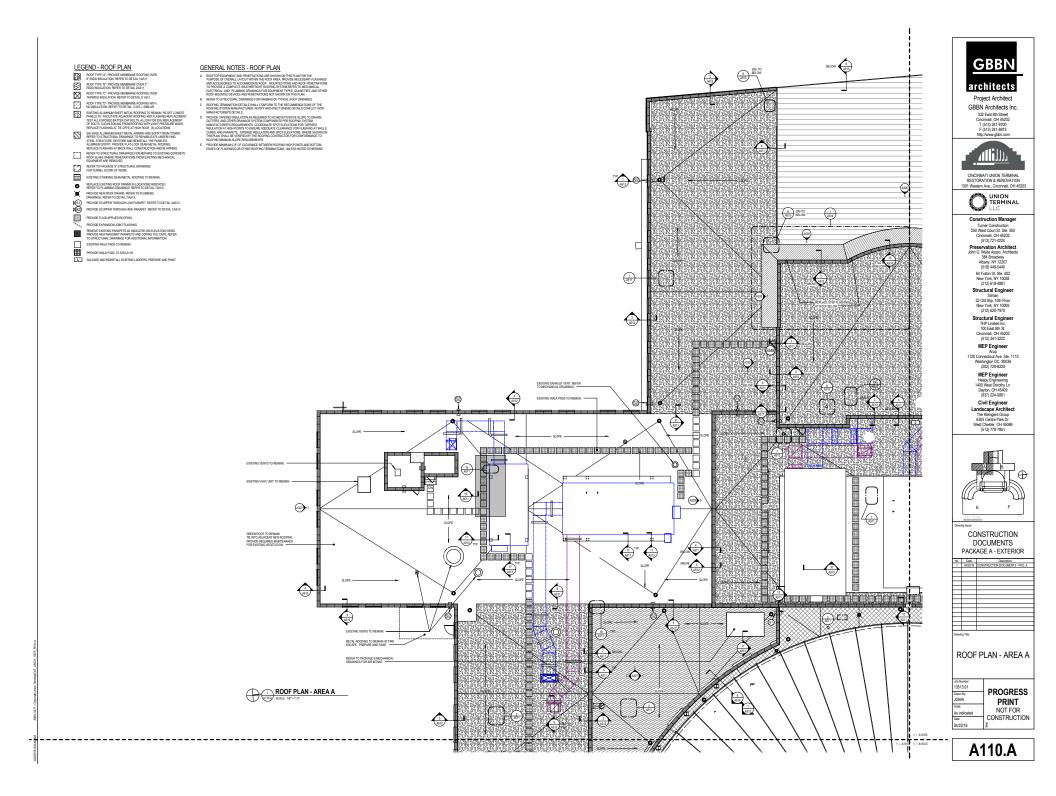
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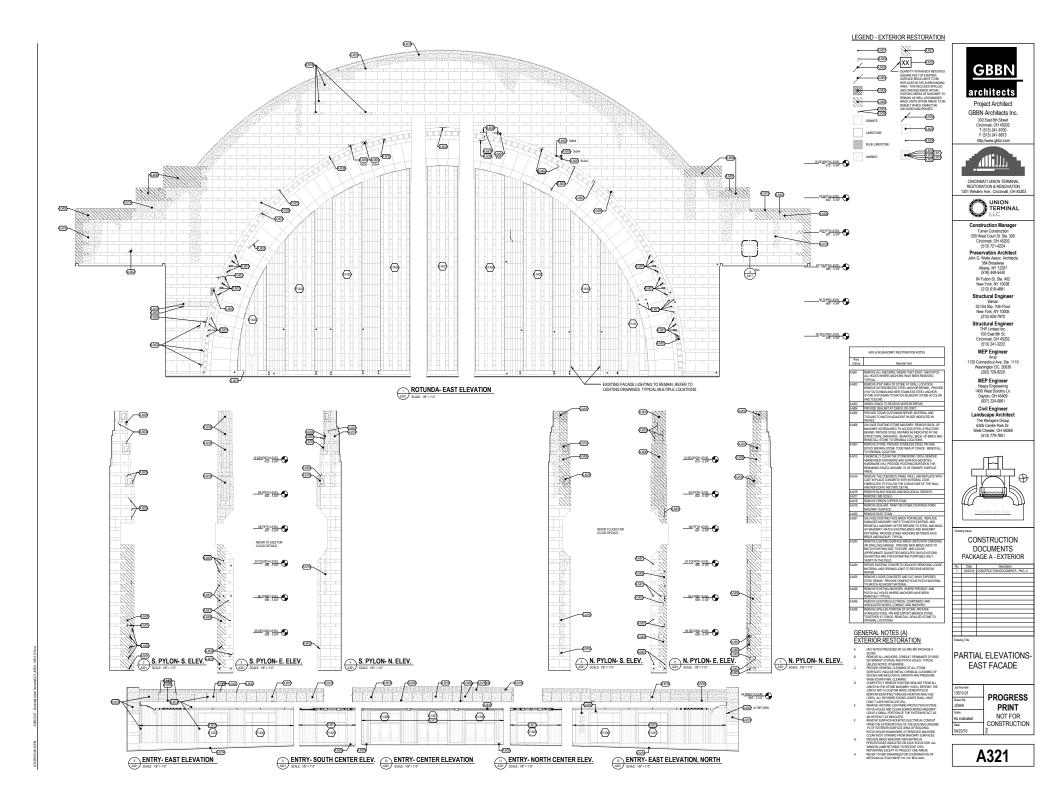
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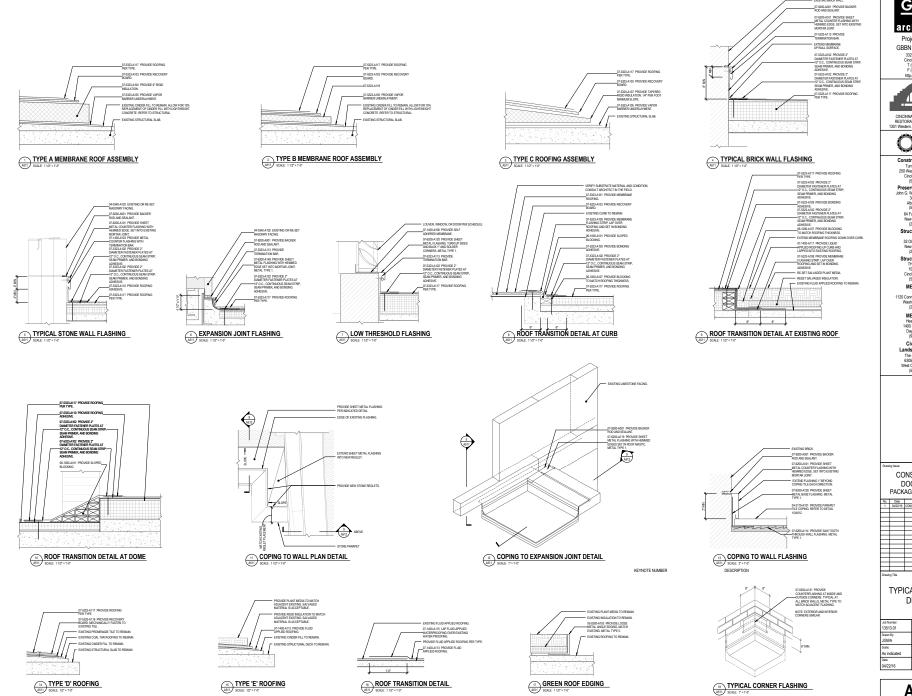
TS-A

CONSTRUCTION









GBBN architects

Project Architect GBBN Architects Inc.

332 East 8th Street Cincinnati, OH 45202 T (513) 241-8700 F (513) 241-8873 http://www.abbn.com



CINCINNATI UNION TERMINAL RESTORATION & RENOVATION 1301 Western Ave., Cincinnati, OH 45203



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MEP Engineer Arup 1120 Connecticut Ave. Ste. 1110 Washington D.C. 20036 (202) 729-8220

MEP Engineer Heapy Engineering 1400 West Dorothy Ln. Dayton, OH 45409 (937) 224-0861

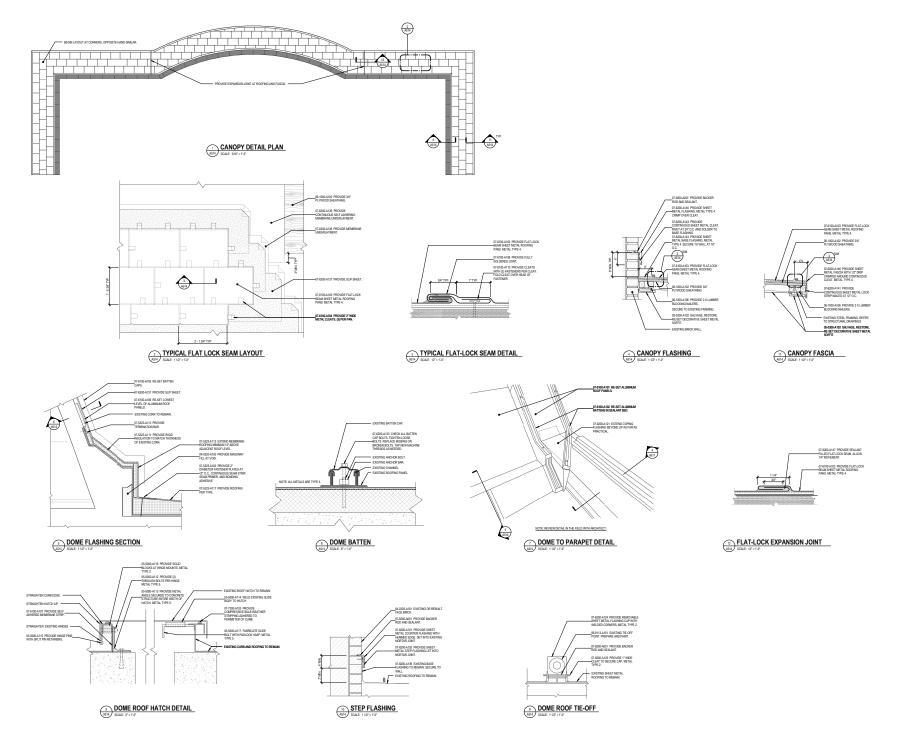
Civil Engineer Landscape Architect The Kleingers Group 6305 Centre Park Dr. West Chester, OH 45069 (513) 779-7851

CONSTRUCTION DOCUMENTS PACKAGE A - EXTERIOR



TYPICAL ROOFING DETAILS

13513.01	PROGRESS
Drawn By: JGWA	PROGRESS
Scale: As indicated	NOT FOR
Date: 04/22/16	CONSTRUCTION



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Project Architect

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CINCINNATI UNION TERMINAL RESTORATION & RENOVATION 1301 Western Ave., Cincinnati, OH 4520

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(513) 721-4224 Preservation Architect John G. Walta Assoc. Architects 384 Brosdway Albany, NY 12207 (518) 449-5440 64 Futton St. Ste. 402 New York, NY 10038 (212) 619-4881

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Civil Engineer Landscape Architect The Kleingers Group 6305 Centre Park Dr. West Chester, OH 45069 (513) 779-7851

CONSTRUCTION DOCUMENTS PACKAGE A - EXTERIOR

No.	Date	Descriptio	n
Drawi	ng Title	,	

METAL ROOFING DETAILS

13513.01	PROGRESS
Drawn By: JGWA	PROGRESS
Scale: As indicated	NOT FOR
Date: 04/22/16	CONSTRUCTION

A514

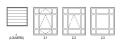
Ending No																A - WINDOW	SCHEDULE -	NORTH								
March Marc					APPROI VERIF	XIMATE R.O. Y IN FIELD				PROVIDE DUTCHMAN DEDAIR		DMISU.	OI ASS			servine	BBOMDE		DESTROE	PROVIDE	gonyne	DCDAID	ROLLER	TYPICAL	TYRICAL	
Column C	MARK	Phase Created	REMOVE EXISTING	TYPE.	Width	Height	OPERABL	E MATERIAL	SCOPE	LINEAL FEET	FINISH - EXTERIOR	INTERIO R	REPLACEMEN T QUANTITY	GLASS TYPE	PROVIDE UV FILM	EXTERIOR STORM	INTERIOR STORM	EXTERIOR GRILLE	EXISTING HARDWARE	HARDWA RE	RING HARDWARE	MECHANICAL H OPERATOR	ARDWAR E	HEAD/JAMB DETAIL	SILL DETAIL	COMMENTS
	208	Existing	No	8.1	3'-0"	9' - 2 1/2"	Yes	Metal - Steel	C.2		ALUMINUM				Yes	No	Yes	No	YES	0	0	Yes 0				
	209 210	Existing Existing	No No	8.1	3.0	9'-212"	Yes	Metal - Steel Metal - Steel	C.2	-	ALUMINUM	P	3	MAGNALITE MAGNALITE	Yes Yes	No No	Yes Yes	No No	YES YES	0	0	Yes 0				REMOVE INTERIOR SCREEN. REMOVE INTERIOR SCREEN.
The content of the	212	Existing Existing	No No	8.1	3.0	9' - 2 1/2"	Yes	Metal - Steel	C.2	-	ALUMINUM	P	3	MAGNALITE	Yes	No.	Yes	No No	YES	0	0	Yes C				
The content of the	213 214	Existing Existing	No No	8.1	3 - 0"	9'-210"	Yes	Metal - Steel	C.2	-			3	MAGNALITE	Yes	No No	Yes	No No	YES	0	0	Yes C				REMOVE INTERIOR SCREEN.
The content of the	215 216	Existing Existing	No No	8.1	3 - 0"	9' - 2 1/2"	Yes	Metal - Steel Metal - Steel	C.2	-	ALUMINUM	P	3	MAGNALITE	Yes	No No	Yes	No No	YES	0	0	Yes C				REMOVE INTERIOR SCREEN.
The content of the	217 218	Existing	No No	8.1	3 - 0"	9'-212"	Yes	Metal - Steel	C.2		ALUMINUM	P	3	MAGNALITE	Yes	No No	Yes	No No	YES	0	0	Yes C				REMOVE INTERIOR SCREEN.
The content of the	219 220	Existing	No No	8.1	3.0"	9'-210"	Yes Yes	Metal - Steel Metal - Steel	C.2	-	ALUMINUM	P	3	MAGNALITE MAGNALITE	Yes Yes	No No	Yes Yes	No No	YES YES	0	0	Yes 0				REMOVE INTERIOR SCREEN. REMOVE INTERIOR SCREEN.
The content of the	221 222	Existing	No No	8.1	3.0	9' - 2 1/2"	Yes	Metal - Steel Metal - Steel	C.2	-	ALUMINUM ALUMINUM	P	3	MAGNALITE MAGNALITE		No No	Yes	No No	YES YES	0	0	Yes C				REMOVE INTERIOR SCREEN. REMOVE INTERIOR SCREEN.
The content of the	223 224	Existing	No No	8.2	3 - 0"	9' - 2 1/2"	No No	Metal - Steel Metal - Steel	C.2	-	ALUMINUM ALUMINUM	P	3	MAGNALITE MAGNALITE	Yes Yes	No No	Yes Yes	No No	YES YES	0	0	Yes 0				REMOVE INTERIOR SCREEN. REMOVE CORRODED FRAME JAMB. REMOVE INTERIOR SCREEN.
The content of the	1225 1226	Existing	No No	8.2 8.2	3.0"	9'-210"	No No	Metal - Steel Metal - Steel	C.2	-	ALUMINUM ALUMINUM	P P	3	MAGNALITE MAGNALITE	Yes Yes	No No	Yes Yes	No No	YES YES	0	0	Yes 0				REMOVE INTERIOR SCREEN. REMOVE INTERIOR SCREEN.
Column	1227	Existing	No	8.2	3'-0"		No	Metal - Steel	C.2				3		Yes	No	Yes	No	YES	0	0	No 0				REMOVE INTERIOR SCREEN, REMOVE CORROSION FROM HEAD OF STEEL FRAME, REPLACE CORRODED JAMB.
Column	228 229	Existing	No No	8.2	30,	9' - 2 1/2"	No No	Metal - Steel	C.2		ALUMINUM	P	3	MAGNALITE MAGNALITE	Yes Yes	No No	Yes Yes	No No	YES YES	2	0	No 0				REMOVE INTERIOR SCREEN. REMOVE CORROSION FROM JAMB REMOVE INTERIOR SCREEN.
Control Cont	230 231	Existing Existing	No No	8.4	30,	9' - 2 1/2" 9' - 2 1/2"	No No	Metal - Steel Metal - Steel	C.2		ALUMINUM ALUMINUM	P	3	MAGNALITE MAGNALITE	Yes Yes	No No	Yes Yes	No No	YES YES	2	0	No 0				REMOVE INTERIOR SCREEN. REMOVE INTERIOR SCREEN. REMOVE DEBRIS FROM WELL.
	235 236	New Construction New Construction	No No	5.3	2'-11"	60.	No No	Metal - Aluminum Metal - Aluminum	VG	-	-	-	3	CLEAR	No No	No No	No No	No No	NO NO	0	0	No 0		3/A527 3/A527		REMOVE STAINING AND CORROSION.
Column C	237 238	New Construction New Construction	No No	5.3	2'-11"	60,	No No	Metal - Aluminum Metal - Aluminum	VG VG	-	-	-	3	CLEAR CLEAR	No No	No No	No No	No No	NO NO	0	0	No 0		3/A527 3/A527		
Column C	239 240	New Construction	No No	5.3	2'-11"	60.	No No	Metal - Aluminum	VG VG	-	-	-	3	CLEAR	No No	No No	No No	No No	NO NO	0	0	No 0		3/A527 3/A527		
Column C	241 242	New Construction New Construction	Yes	5.2 5.2	2'-11"	6'-0"	Yes Yes	Metal - Steel Metal - Steel	F	-	P P	P	0	CLEAR CLEAR	No No	No No	No No	No No	NO NO	2	0	No 0	=			
Column C	243 244	New Construction	Yes	5.2	2'-11"	6'-0"	Yes	Metal - Steel Metal - Steel	F	-	P P	P	0	CLEAR	No No	No No	No No	No No	NO NO	2	0	No 6				
Column C	245 245	New Construction	Yes	5.2	2 - 11"	6.0,	Yes	Metal - Steel Metal - Steel	F		P	P	0	CLEAR	No No	No No	No No	No No	NO NO	2	0	No 6				
Column C	47	New Construction	No.	2.3	F-0"	6'-0"	No.	Metal - Steel	VG		P	É	9	CLEAD	No No	No No	No.	No.	NO NO	0	0	No 0		1/AS27 2/AS27	49,577	
Column C	109		No.	ĺ	5.5	4'-0"	No.	Metal - Aluminum	E			Ė	6	LAMINATED, TEXTURED	No No	No No	Yes	No.	NO NO	0	0	No 0		4/A527 4/A527	4/A527	
The content of the	111	Existing	No.	į.	5.4	4'-0"	No.	Metal - Aluminum	E				6	LAMINATED, TEXTURED	No No	No No	Yes	No.	NO NO	0	0	No 0		4/A527	4/4527	
The color of the	12	Existing	No No	1		4'-0"	No No	Metal - Aluminum	E	-	-	-	6	LAMINATED, TEXTURED	No No	No No	Yes Yes	No No	NO NO	0	0	No 0		4/AS27 4/AS27	4/A527 4/A527	
Column C	ชา4 315	Existing	No No	1	4.4	4'-0"	No No	Metal - Aluminum	E			1	6	LAMINATED, TEXTURED	No No	No No	Yes	No No	NO NO	0	0	No 0		4/A527 4/A527	4/A527	
	116		No No	1	4-4	4' - 0" 4' - 0"	No No	Metal - Aluminum Metal - Aluminum	E				6	LAMINATED, TEXTURED LAMINATED. TEXTURED	No No	No No	Yes Yes	No No	NO NO	0	0	No 0		4/A527 4/A527	4/A527	
	18 19	Existing	No No	-	4.4	4' - 0" 4' - 0"	No No	Metal - Aluminum Metal - Aluminum	E	E		E	6	LAMINATED, TEXTURED LAMINATED, TEXTURED	No No	No No	Yes Yes	No No	NO NO	0	0	No 0		4/A527 4/A527	4/A527 4/A527	
	120 121	Existing Existing	No No	1	4.4	4'-0"	No No	Metal - Aluminum Metal - Aluminum	E				6	LAMINATED, TEXTURED LAMINATED, TEXTURED	No No	No No	Yes Yes	No No	NO NO	0	0	No 0	=	4/A527 4/A527	4/A527 4/A527	
	22 23	Existing Existing	No No	1	4.4	4' - 0" 4' - 0"	No No	Metal - Aluminum Metal - Aluminum	E	-	-	-	6 6	LAMINATED, TEXTURED LAMINATED, TEXTURED	No No	No No	Yes Yes	No No	NO NO	0	0	No 0	=	4/A527 4/A527	4/A527 4/A527	
	32	New Construction	No No	4.3	5.0°	21'-7"	Yes	Metal - Steel Metal - Steel	VG		P		24	CLEAR/ SPANDREL CLEAR/ SPANDREL				No No	YES YES	0	0	No 0				
	34	New Construction	No No	4.3	5 - 0°	21'-7"	Yes	Metal - Steel	VG		P	-	24	CLEAR/ SPANDREL				No.	YES	0	0	No C				
	36	New Construction	No.	4.3	5.0	21'-7"	Yes	Metal - Steel	VG		P		24	CLEAR/ SPANDREL				No.	YES	0	0	No 0				
No.	38	New Construction	No No	4.3	S-0"	21'-7"	No.	Metal - Steel	VG	-		-	24	CLEAR/ SPANDREL				No No	NO NO	0	0	No 0				
March Marc	99	New Construction New Construction	No No	4.3	S-0"	21'-7"	No No	Metal - Steel Metal - Steel	VG	-	P	-	24	CLEAR/SPANDREL CLEAR/SPANDREL				No No	NO NO	0	0	No 0				
March Marc	41 42	New Construction	No No	4.1	5' - 0" 5' - 0"	21' - 7" 21' - 7"	No No	Metal - Steel	VG		P	-	24 24	CLEAR/SPANDREL CLEAR/SPANDREL				No No	NO NO	0	0	No 6				
March Marc	143 144	New Construction	No No	4.1	5' - 0" 5' - 0"	21'-7"	No No	Metal - Steel	VG	-	P	-	24	CLEAR/SPANDREL				No No	NO NO	0	0	No 0				
March Marc	145 146	New Construction New Construction	No No	4.1	5' - 0" 5' - 0"	21'-7" 21'-7"	No No	Metal - Steel Metal - Steel	VG VG		P P	-	24 24	CLEAR/ SPANDREL CLEAR/ SPANDREL				No No	NO NO	0	0	No 0				REPAIR WINDOW TO BE TRUE, SQUARE, AND PLUMB, RESTORE OPERATION AND LOCKABILITY.
March Marc	147 148	New Construction	No No	3.1	5.0°	18'-114"	No No	Metal - Steel Metal - Steel	VG VG	-			21	CLEAR				No No	NO NO	0	0	No 0				
Marchand Marchand	349	New Construction	No No	3.1	5.0°	18'-114"	No No	Metal - Steel	VG			-	21	CLEAR				No No	NO NO	0	0	No 0				
Control Cont	351	New Construction	No No	3.1	5 - 0°	18'-114"	No		VG	-		-	21	CLEAR CLEAR COMMODE				No.	NO VEO	0	0	No 6				DEMANE CORROGIONI
Control Cont	353	New Construction	No	3.2	S-0"	18'-114"	Yes	Metal - Steel	VG				21	CLEAR/SPANDREL				No.	YES	0	0	No 0				REMOVE CORROSION.
Control Cont	355	New Construction	No No	3.2	5'-0"	18'-1 1/4"	Yes	Metal - Steel	VG				21	CLEAR/ SPANDREL				No.	YES	0	0	No 0				REMOVE CORROSION.
Control Cont	357	New Construction	No No	3.2	5'-0"	18'-114"	Yes	Metal - Steel	VG			-	21	CLEAR/ SPANDREL				No No	YES	0	0	No 0				
Control Cont	108	Existing Existing	No No	1	4.4	4'-0"	No No	Metal - Aluminum Metal - Aluminum	E			-	6	LAMINATED, TEXTURED	No No	No No	Yes	No No	NO NO	0	0	No 0		4/AS27	4/A527	
Cong. No.	110	Existing	No No	1	4.4	4'-0"	No No		E	-		-	6	LAMINATED, TEXTURED	No No	No No	Yes Yes	No No	NO NO	0	0	No 0		4/AS27 4/AS27	4/A527 4/A527	
Part	12 13	Existing Existing	No No	1	4.4	4' - 0" 4' - 0"	No No	Metal - Aluminum Metal - Aluminum	E			-	6	LAMINATED, TEXTURED LAMINATED, TEXTURED	No No	No No	Yes Yes	No No	NO NO	0	0	No 0		4/A527 4/A527	4/A527 4/A527	
Part	114	Existing Existing	No No	1	4.4	4' - 0" 4' - 0"	No No	Metal - Aluminum Metal - Aluminum	E			-	6	LAMINATED, TEXTURED LAMINATED, TEXTURED	No No	No No	Yes Yes	No No	NO NO	0	0	No 0		4/A527 4/A527	4/A527 4/A527	
Part	116	Existing Existing	No No	1	4-4	4'-0"	No No	Metal - Aluminum Metal - Aluminum	E				6	LAMINATED, TEXTURED LAMINATED, TEXTURED	No No	No No	Yes Yes	No No	NO NO	0	0	No 0		4/A527 4/A527	4/A527 4/A527	
Company No.	58 59	Existing Existing	No No	1	4.4	4'-0" 4'-0"	No No	Metal - Aluminum	E		-	-	6	LAMINATED, TEXTURED LAMINATED, TEXTURED	No No	No No	Yes Yes	No No	NO NO	0	0	No 0	Ī	4/AS27 4/AS27	4/AS27 4/AS27	
Company No.	20 21		No No	1	4.4	4' - 0" 4' - 0"	No No	Metal - Aluminum	E				6	LAMINATED, TEXTURED LAMINATED, TEXTURED	No No	No No	Yes Yes	No No	NO NO	0	0	No 0	=	4/A527 4/A527	4/A527 4/A527	
Company No.	22 23	Existing Existing	No No	1	4.4	4' - 0" 4' - 0"	No No	Metal - Aluminum Metal - Aluminum	E	-		-	6	LAMINATED, TEXTURED LAMINATED, TEXTURED	No No	No No	Yes Yes	No No	NO NO	0	0	No 0	=	4/A527 4/A527	4/A527 4/A527	
Property Property	24 25	Existing Existing	No No	1	4.4	4' - 0" 4' - 0"	No No	Metal - Aluminum Metal - Aluminum	E	-		-	6	LAMINATED, TEXTURED	No No	No No	Yes Yes	No No	NO NO	0	0	No 0	=	4/A527 4/A527	4/A527 4/A527	
*** Controllar No. 2 2 7 8 8	26 27	Existing Existing	No No	1	5.5	4'-0"	No No	Metal - Aluminum Metal - Aluminum	E	-		1	6	LAMINATED, TEXTURED	No No	No No	Yes Yes	No No	NO NO	0	0	No 6		4/A527 4/A527	4/A527 4/A527	USE SALVAGED GLASS FROM EXISTING LOUVERS TO DEMONSTRATE HISTORIC COMMITTO
No. Controlled 1	14	New Construction	Yes	2.3	4-0"		No	Metal - Steel	F	-	P	P	0	CLEAR	No	No	No	No	NO.		0	No f	-	1/A527 2/A527	-	THIS OPENING ONLY.
No. Section No. Sectio	15	New Construction	Yes	2.3	f-0"	60.	No No	Metal - Steel Metal - Steel	F	-		P	0	CLEAR	No No	No No	No No	No No	NO NO	1	0	No 6		1/A527 2/A527 1/A527 2/A527		
Carling No	17	New Construction	Yes	23	f-0"	6'-0"	No No	Metal - Steel Metal - Steel	F	Ė	P	P	0	CLEAR	No No	No No	No No	No.	NO NO		0	No 0		1/A527 2/A527 1/A527 2/A527		
Sering No	19	Existing	No	5.1	2'-8"	6'-8"	Yes	1	C.1	3'	P	P	2	CLEAR, MAGNALITE,	No	No	Yes	No	YES	1	0	No 2				
Coding No	40	Existing	No	5.1	l .	6'-8"	Yes		C.1		Р		2	WIRE	No	No	Yes	No	YES	0	0	No 2				
Part	41	Existing	No	5.1			Yes		C.1		Р				No	No	Yes	No	YES	0	0	No 2				5% RUST.
Series S	2	Existing	No	5.1	Γ.		Yes		C.1						No	No	Yes	No	YES	0	0	No 2			L	
Section Sect	13	Existing	No	5.1	2" - 8"	6'-8"	Yes	Metal - Steel	C.1		Р		2	CLEAR, MAGNALITE, WIRE	No	No	Yes	No	YES	0	0	No 2				RESTORE OPERATION.
Prof. Prof	44	Existing	No	5.1	2"-8"	6'-8"	Yes	Metal - Steel	C.1		Р		3	CLEAR, MAGNALITE, WIRE	No	No	Yes	No	YES	0	0	No 1				10% RUST
Prof. Prof	5	Existing Existing	No No	21	4.4	6' - 10" 5' - 9"	Yes Yes	Metal - Steel Metal - Steel	C.1	6'	P	P	4	CLEAR	No No	No No	Yes Yes	No No	YES YES	2	2	No 2		1/AS27 2/AS27 1/AS27 2/AS27		10% RUST, PATCH 4 HOLES. REMOVE EXISTING STEEL PANEL AND A.C. UNIT. PUDDY HOLES, AND MAKE SASH OPERABLE.
Carling No. 21 4 4 7 7 7 No. No. Carling No. Carling	2	Existing	No	2.1	4.4	5'-9"	Yes		0.1				1		No	No	Yes	No	YES	0	1	No 6				
Company Comp	12	Existing	No	2.1	4-4"	5'-9"	Yes		C.1		Р		3		No	No	Yes	No	YES	2	1	No 6				PATCH 2 HOLES, FABRICATE MISSING SASH AND RAIL COMPONENETS. RESTORE OPERABILITY. RUST 516,
Company Comp	4	Existing	No	2.1	4-4"	5'-9"	Yes	Metal - Steel	F	6'	Р	Р	2	CLEAR	No	No	Yes	No	YES	2	1	No 6		1/AS27 2/AS27		REMOVE EXISTING A.C. UNIT AND STEEL PANEL FABRICATE MISSING SASH AND RAIL COMPONENTS. RESTORE WINDOW TO ORIGINAL CONFIGURATION. RESTORE OPERATION AND
Select No. 21 C. F. P. F. Vest Mean-Start S. F. P. P. D. G.E.R. So No. Vest S. F. E. D. No. Select S. F. E. E. S. F. E.	15	Existing	No	2.1	5.4	5'-9"	Yes	Metal - Steel	C.1	6	P	Р	0	CLEAR	No	No	Yes	No	YES	0	1	No 0		1/A527 2/A527		PATCH HULES: 10% RUST. PATCH 2 HOLES
Select No. 21 C. F. P. F. Vest Mean-Start S. F. P. P. D. G.E.R. So No. Vest S. F. E. D. No. Select S. F. E. E. S. F. E.	45 46 47	Existing Existing	No No	2.1	4.4	5'-9"	Yes Yes	Metal - Steel Metal - Steel	C.1	7	P P	P	0	CLEAR	No No	No No	Yes Yes	No No	YES YES		1 2	No 0		1/A527 2/A527 1/A527 2/A527		LOWER SASH DOES NOT CLOSE, SURFACE RUST, HOLES TO BE PATCHED REMOVE EXTERIOR EYELET. REPAIR BENT HARDWARE. PATCH HOLES, 5% RUST.
Select No. 21 C. F. P. F. Vest Mean-Start S. F. P. P. D. G.E.R. So No. Vest S. F. E. D. No. Select S. F. E. E. S. F. E.	41	Existing	No No	21	4.4	5'-9" 5'-9"	Yes Yes	Metal - Steel Metal - Steel	C.1	5	P P	P	1 2	CLEAR	No No	No No	Yes Yes	No No	YES YES	1	1	No 6		1/A527 2/A527 1/A527 2/A527		10% RUST. REMOVE EXISTING A.C. UNIT AND FIXED PANEL RESTORE SASH TO OPERABILITY, 15% RUST.
Select No. 21 C. F. P. F. Vest Mean-Start S. F. P. P. D. G.E.R. So No. Vest S. F. E. D. No. Select S. F. E. E. S. F. E.	43 44		No No	21	5.5	5'-9"	Yes Yes	Metal - Steel Metal - Steel	C.1	7 %	P P	P	1 2	CLEAR	No No	No No	Yes Yes	No No	YES YES	0	1	No 6		1/AS27 2/AS27 1/AS27 2/AS27		RESTORE SASH TO OPERABILITY, 20% RUST. REMOVE EXISTING A.C. UNIT AND FIZED PANEL RESTORE WINDOW TO EXISTING
Select No. 21 C. F. P. F. Vest Mean-Start S. F. P. P. D. G.E.R. So No. Vest S. F. E. D. No. Select S. F. E. E. S. F. E.	15	Existing	No	2.1	4.4	5'-9"	No		C.1						No	No	Yes	No	YES		0	No r	-	1/AS27 2/AS27		COMFIGURATION AND OPERABILITY. PATCH HOLES, RUST 25% RESTORE FIXED SASH TO OPERABLE CONDITION, 10% RUST
CONFIGURATION, REFER TO 2/45/1 FOR ADDITIONAL INFORMATION.	46 47	Existing Existing	No No	21	5.4	5'-9"	Yes	Metal - Steel Metal - Steel	C.1	5'	P P	P	0	CLEAR	No No	No No	Yes Yes	No No	YES YES	0	0	No 6		1/AS27 2/AS27		25% RUSTED.
Non-Continue No. 11 07 17 27 No. Moder, Agenther 0	5	Existing	No	10.3	12 - 11*	21' - 4"	Yes		Ā	YES	P	Ė	14		No	No	Yes	No	Yes	ō l	0	Yes C		Jan amilii		CONFIGURATION, REFER TO 2/4531 FOR ADDITIONAL INFORMATION.
Stating No. 12 17 17 18 No.	233	New Construction	Yes	11.1	19" - 11"	2 - 1"	No No	Metal - Aluminum Metal - Aluminum	0	-	-	1	0	CLEAR CLEAR	No No	No No	No No	No No	No No	0	0	No 6				S I ITE RIPRON WINDOW PANING OUTSIDE SOREWED NO CALL IX OR GARRET HE AD OTAINAND
Seeining No 12.3 19 - 1" 6-11" No New - Sheel C.2 - P P 0 CLEAR NO No No No No 1 SHATZ 2 ASST TOTAL STORM EXCEPTION SIGN AND FIRM EXCEPTION			Ĺ	Ľ	Ľ.	Ľ.	Ĺ		Ĺ	L.	L.	L.			Ľ I			Ľl		L l	_				L	AND MOISTURE, OUTSIDE PIECES ANGLES AND HELD IN PLACE BY SCREWS, CENTER 2 MULLIONS TOTALLY RUSTED AT TOP, BLINDS
	850	Existing	No	12.3	19" - 1"	6'-11"	No	Metal - Steel	C.2		Р	Р	0	CLEAR	No	No	Yes	No	Yes	0	0	No 0		1/AS27 2 AS27		TOWER A. RESTORE MODIFIED SASH AND FRAME COMPONENTS TO ORIGINAL CONFIGURATION AND OPERATION.

WINDOW SCOPE NOTES

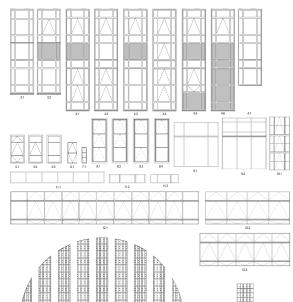
- RECOGNISHMENT RECORDS TO BE SECTIONS RECORD ALL CAUSES SELVING ALL METOD CAUSE SEADLO ALL PROTECTES SELVIN INVANCES AND ALL PROTECTION SELVING ALL METODS TO BE SECTION ALL PROTECTION SELVING ALL PROTECTION
- REMOVE EXISTING WINDOW. PARTIALLY REMOVE INTERIOR FINENES AT JAMES. PROVIDE NEW STEEL WINDOW WITH SINGLE PANE TO MATCH HISTORIC WINDOW PROFILE WITH FACTORY PANET FAMEL MATCH HISTORIC OPERATING SASH CONFIGURATION HOPES OR SMILAR. PROVIDE EXTEROIR PERMETER SEJLANT. REFER TO PACKAGE B FOR REPARES TO INTERIOR PROVISES.
- INFOCULT AT OFFESS BROUND AND RESTORE PROFILES Y REMOVE INTERIOR PROFILED AT JAMES REMOVE WINCOM ASSIGNALY REMOVE ALL CLAUNG, SALVIGE ALL CLAUNG LAUVIGE ALL CLAUNG L
- TOPPOLY AT SEET THAT OF PROPERSIES OF SECTION OF ALL CLARKS. SALVES ALL CLARKS SALVES AND SALVES AN
- REPAR DISTRICTOR 1988 ALBIBORY RECORDS FROME OF DISTRICTOR AT RECORD FROME THE RESULTS BROOM RESIDENCE PERSONAL FROME THE COMPANIES FROM THE COMPANIES OF THE C
- ALTERNATE: REPLACE CIRCA 1989 WINDOWS PER TYPE B ABOVE.
- RESTING LUSS CLUENCES REMOVE EXTERNO AND RETROS PANEL REMOVE ESTAND CLUES CLUENCE LAST AND CLUENDE THY DALVAGE HIRE MESS SCIENCE FAMEL AND FLUES OF REMOVE ESTANDE. RESIDENCE PREMIETS RELATED TO REMOVE THE TOTAL REPORT PANELS REMOVE PROPORTION THAT REMOVE HAVE ON BUILD AND MICHARDA LEMAS PROVICE ETCED LARMANTE CLUES CLUENT SLATS SET OF CLUENDARY PRODUCE PREDINTERIOR WINDOW, ALLES WINDOW, DEVIAC 49D OR SHAULAR PROVICE ETCEDE LARMANTE CLUES SHAUL GUEST CLUENCE RELATED FOR CONTROL PRESIDENCE PRODUCTION OF RESTORAGE, RESOURCE FASTED AND CONTROL PRESIDENCE PROPERTY FOR THE PRODUCTION OF RESTORAGE RESOURCE PROPERTY FOR THE PROPERTY FO
- REMOVE EXISTING STOREFRONT SYSTEM. REPAIR AT STONE ANCHORS, PROVIDE NEW STOREFRONT SYSTEM, REFER TO SHEET A632 FOR DETAILS.
- N. HISTORIC FIXED STOREFRONT SYSTEM TO REMAIN REPLACE BROWN GLASS WITH MATCHING CLEAR GLASS (SN), REPLACE FERMETER SEALANT (100%), REPLACE FASTENERS.
- REMINE EXISTING WINDOW PARTIALLY PEMOVE INTERIOR PINSHES AT JAMES. PROVIDE NEW THERMALLY SECKEN STEEL WINDOW WITH INSULATED GLASS TO MATCH HISTING WINDOW PROFILE WITH FACTORY PART FINISH. MATCH HISTING: OPERATING SASH CONFIGURATION HOPES OR SMILLAR. PROVIDE EXTERIOR PERMETER SEALANT. REPARK INTERIOR TRINSHES AT JUSTIES USE MINIOUTLE PER CLUSS.
- P. REPAIR EXISTING CRICA 2009 STEEL WINDOWS. REPLACE PREMIETER SEALANT, ADD SEALANT WHERE EXTERIOR GASKETS ARE TOO SHORT, TON OF TOTAL GLAZING, PROVIDE INTERIOR METAL. CHANNEL (I): X. XI) AT BASE OF WINDOW TO CATCH CONDENSATION, REPAIR INTERIOR FINISHES AT JAMBS (20%),
- Q. REMOVE EXISTING STOREFRONT SYSTEM. REPLACE WITH NEW ALLMINUM STOREFRONT SYSTEM.
- R. EXISTING STOREFRONT SYSTEM TO REMAIN, REPLACE PERMETER SEALANT (100%).

WINDOW RESTORATION NOTES

- IN SECTION LA INSTITUCE INDICON INCIDENT DIORNALE
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A - LEGEND - A520 - WINDOW TYPES





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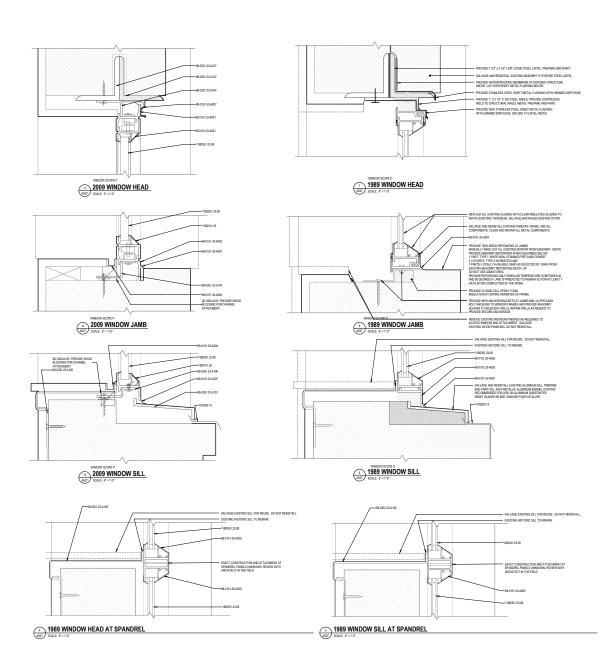
CONSTRUCTION DOCUMENTS PACKAGE A - EXTERIOR

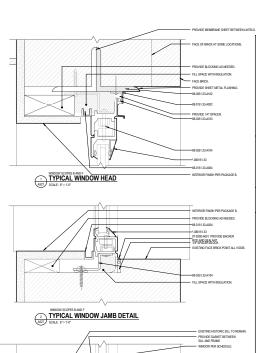
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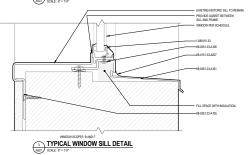
WINDOW SCHEDULE AND DETAILS- NORTH

Job Number: 13513.01 **PROGRESS** PRINT NOT FOR CONSTRUCTION

A521







NOTE NUMBER DESCRIPTION



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John G. Walte Assoc. Architects

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CONSTRUCTION DOCUMENTS PACKAGE A - EXTERIOR

No.	Date	Description
1	04/22/16	CONSTRUCTION DOCUMENTS - PKG. A
Drawi	ng Title	,
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WINDOW DETAILS

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Scale: 6" = 1'-0"	NOT FOR
Date: 04/22/16	CONSTRUCTION

SHEET NOTES

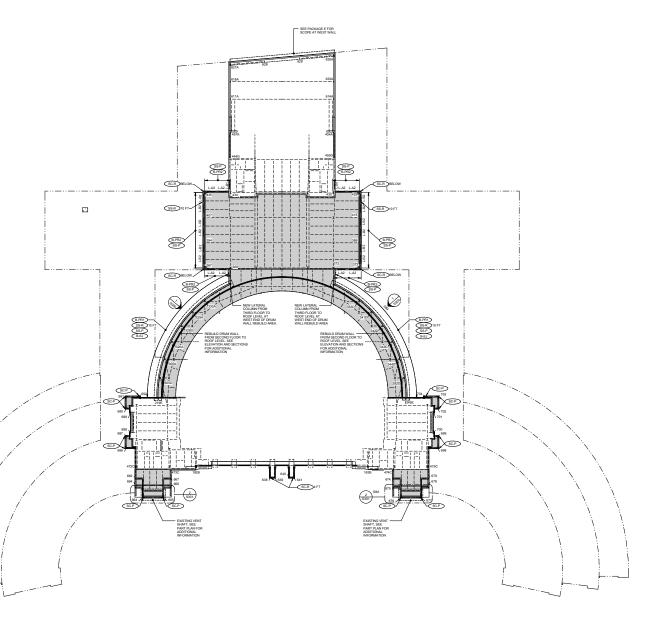
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 FIG. 100 THAN GETALS SERVICES.

SCOPE KEYNOTES LEGEND

SEE S001 AND TYPICAL DETAILS FOR ADDITIONAL INFORMATION ON KEYNOTE SCOPE:

- B-EJ BRICK EXPANSION JOINT SEE ARCHITECTURAL DRAWINGS.
- B-PR# PARAPET REBUILD AT FACE BRICK SEE TYPICAL DETAILS AND SCHEDULE ON \$502.
- C-PR CONCRETE PATCH REPAIR SEE TYPICAL DETAILS ON \$506.
- H.# HUNG LINTEL REPLACEMENT SEE TYPICAL DETAILS AND SCHEDULE ON S503.
- L# LOOSE LINTEL REPLACEMENT SEE TYPICAL DETAILS AND SCHEDULE ON SS03.
- L-P LOOSE LINTEL PREPARE AND PAINT
- S-EJ STONE EXPANSION JOINT SEE ARCHITECTURAL DRAWINGS.
- S-PR# PARAPET REBUILD AT FACE STONE SEE TYPICAL DETAILS AND SCHEDULE ON \$502. COORDINATE EXTENTS WITH STEEL SPANDREL BEAM PAINTING (SS-P) SCOPE.
- STEEL SPANDREL BEAM PREPARE AND PAINT SEE TYPICAL DETAILS ON \$500 AND \$501 FOR MASONRY REBUILDING.
- STEEL COLUMN PREPARE AND PAINT SEE TYPICAL DETAILS ON \$500 AND \$501 FOR MASONRY REBUILDING.







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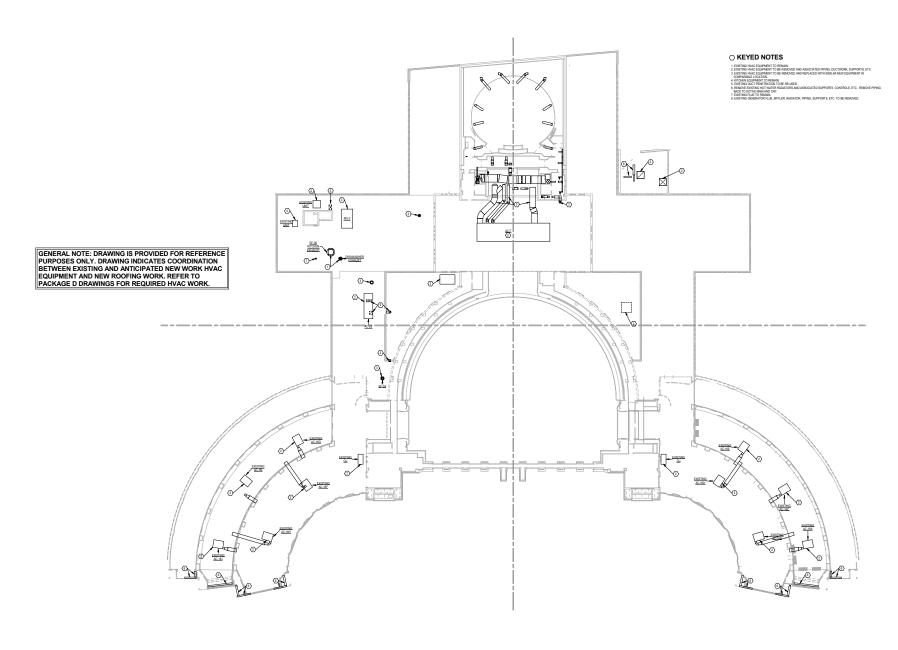
CONSTRUCTION DOCUMENTS PACKAGE A - EXTERIOR

No.	Date	Description
1	04/22/16	CONSTRUCTION DOCUMENTS - P

FOURTH FLOOR FRAMING PLAN

Job Number:	
13513.01	
Drawn By:	
SILMAN	
Scale:	
As indicated	
Date:	
04/22/2016	Seat

S107



1) ROOFTOP EQUIPMENT - DEMO COORDINATION PLAN



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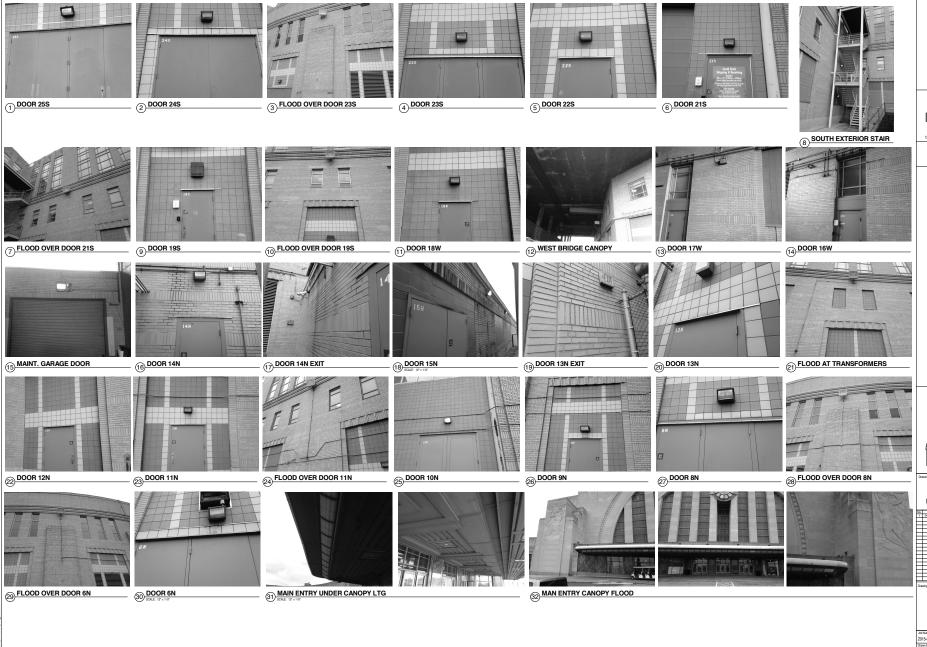


CONSTRUCTION DOCUMENTS PACKAGE A - EXTERIOR

No.	Date	Description
1	04/22/16	CONSTRUCTION DOCUMENTS - PKG. A
_		

HVAC DEMO/ROOFING COORDINATION PLAN

M260



GBBN architects

Project Architect

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CONSTRUCTION DOCUMENTS PACKAGE A - EXTERIOR

ELECTRICAL EXISTING SITE LIGHTING CONDITIONS

Job Number: 2015-06034

E800

Cincinnati Union Terminal Restoration and Renovation

1301 Western Avenue Cincinnati, OH 45203



Project Release: Construction Documents Package A - Exterior April 22, 2016

OWNER
Union Terminal LLC
1301 Western Ave.
Cincinnati, OH 45203

PRESERVATION ARCHITECT **John G. Waite Assoc. Architects** 384 Broadway St. Albany, NY 12207 v 518.449.5440

MEP ENGINEER / LIGHTING Arup
1120 Conneticut Ave. Suite 1110
Washington D.C. 20036
v 202.729.8220

PROJECT ARCHITECT: **GBBN Architects, Inc.** 332 East 8th Street Cincinnati OH 45202 513-241-8700

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MEP ENGINEER
Heapy Engineering
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Dayton, OH 45409
v 937.224.0861

CONSTRUCTION MANAGER Turner Construction 250 W. Court St. Suite 300 Cincinnati, OH 45202 513-721-4224

STRUCTURAL ENGINEER THP Limited Inc. 100 East 8th St. Cincinnati, OH 45202 v 513.241.3222

CIVIL ENGINEER / LANDSCAPE ARCHITECT The Kleingers Group 6305 Centre Park Dr. West Chester, OH 45069 v 513.779.7851

SECTION 04 0310

HISTORIC MASONRY CLEANING

PART 1 - GENERAL

1.1 **RELATED DOCUMENTS**

Drawings and general provisions of the Contract, including General and Supplementary A. Conditions and Division 01 Specification Sections, apply to this Section.

1.2 **SUMMARY**

- Section includes historic treatment work consisting of cleaning historic clay brick and stone A. masonry surfaces.
- B. Related Requirements:
 - Section 01 3591 "Historic Treatment Procedures" for general historic treatment 1 requirements.

UNIT PRICES 1.3

- Work of this Section is affected by unit prices specified in Section 01 2200 "Unit Prices." A.
 - Unit prices apply to additions to and deletions from Work as authorized by Change 1. Orders.
 - Additional masonry cleaning per square foot.

1.4 **DEFINITIONS**

- Very Low-Pressure Spray: Less than 100 psi. A.
- Low-Pressure Spray: 100 to 400 psi; 4 to 6 gpm. B.
- C. Medium-Pressure Spray: 400 to 800 psi; 4 to 6 gpm.
- High-Pressure Spray: 800 to 1200 psi; 4 to 6 gpm. D.

DRAFT Date: April 25 2016 GBBN Project No. 13513.01 JGWA

UP#	Description	Detail / Sheet	Unit of Measure	Cost/Unit	Minimum Length	Cost/Unit	Estimated Project Total	Total Cost
Lintel R	Replacement Replacement							
1	Lintel Replacement, Type A (L-A1), Outer (see schedule)	01/S-503	each		n/a			
2	Lintel Replacement, Type A (L-A1), Inner (see schedule)	01/S-503	each		n/a			
3	Lintel Replacement, Type A (L-A2), Outer (see schedule)	01/S-503	each		n/a			
4	Lintel Replacement, Type A (L-A2), Inner (see schedule)	01/S-503	each		n/a			
5	Lintel Replacement, Type A (L-A3), Outer (see schedule)	01/S-503	each		n/a			
6	Lintel Replacement, Type A (L-A3), Inner (see schedule)	01/S-503	each		n/a			
7	Lintel Replacement, Type B (L-B1), Outer (see schedule)	02/S-503	each		n/a			
8	Lintel Replacement, Type B (L-B1), Inner (see schedule)	02/S-503	each		n/a			
9	Lintel Replacement, Type B (L-B2), Outer (see schedule)	02/S-503	each		n/a			
10	Lintel Replacement, Type B (L-B2), Inner (see schedule)	02/S-503	each		n/a			
11	Lintel Replacement, Type B (L-B3), Outer (see schedule)	02/S-503	each		n/a			
12	Lintel Replacement, Type C (L-C1), Outer (see schedule)	03/S-503	each		n/a			
13	Lintel Replacement, Type C (L-C1), Inner (see schedule)	03/S-503	each		n/a			
14	Lintel Replacement, Type D (L-D1), Outer (see schedule)	01/S-503	each		n/a			
15	Lintel Replacement, Type D (L-D1), Inner (see schedule)	01/S-503	each		n/a			
16	Lintel Replacement, Type E (L-E1), Inner (see schedule)	02/S-503	each		n/a			
17	Lintel Replacement, Type F (L-F1), Outer (see schedule)	03/S-503	each		n/a			
18	Lintel Replacement, Type F (L-F2), Outer (see schedule)	03/S-503	each		n/a			
19	Lintel Replacement, Type F (L-F3), Outer (see schedule)	03/S-503	each		n/a			
20	Lintel Replacement, Type F (L-F3), Inner (see schedule)	03/S-503	each		n/a			

Steel Repairs

	Masonry Associated with Steel Repairs						
	Masonry removals and replacement, including anchors, associated	01/S-504 thru 06/S-504	n/a	n/a	n/a	n/a	
	with steel repairs (see below)						
21	Face Brick, 1 wythe	(see architectural)	sf				
22	Ashlar Stone, 4-inch thick	(see architectural)	sf				
23	Ashlar Stone, 8-inch thick	(see architectural)	sf				
24	Back-Up Brick (replacing brick), 1 wythe	(see Masonry Repairs on	sf				
		S-501 and Section XXXXX)					
25	Back-Up Brick (replacing terra cotta), 1 wythe	(see Masonry Repairs on	sf				
		S-501 and Section XXXXX)					

Issue Date: April 22, 2016 GBBN Project No. 13513.01

Cincinnati Union Terminal Restoration and Renovation

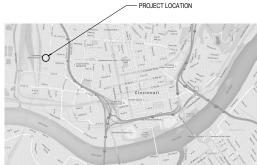
1301 Western Avenue Cincinnati, OH 45203



PROJECT RELEASE: DESIGN DEVELOPMENT PACKAGE C - PHASE 1 EARLY CONSTRUCTION & TEMPORARY CONDITIONS

OWNER	PROJECT ARCHITECT	CONSTRUCTION MANAGER	PRESERVATION ARCHITECT	STRUCTURAL ENGINEER	STRUCTURAL ENGINEER	MEP ENGINEER	MEP ENGINEER	CIVIL ENGINEER LANDSCAPE ARCHITECT
UNION TERMINAL LLC	GBBN Architects Inc.	Turner Construction	John G. Waite Assoc. Architects	Silman	THP Limited Inc.	Arup	Heapy Engineering	The Kleingers Group
1301 Western Ave. Cincinnati, OH 45203	332 E. 8th St. Cincinnati, OH 45202-2217 v 513.241.8700	250 W. Court St. Suite 300 Cincinnati, OH 45202 v 513.721.4224	384 Broadway St. Albany, NY 12207 v 518.449.5440	32 Old Slip, 10th Floor New York, NY 10005 v 212.620.7970	100 East 8th St. Cincinnati, OH 45202 v 513.241.3222	1120 Conneticut Ave. Suite 1110 Washington D.C. 20036 v 202.729.8220	1400 West Dorothy Ln. Dayton, OH 45409 v 937.224.0861	6305 Centre Park Dr. West Chester, OH 45069 v 513.779.7851
	f 513.241.8873		64 Fulton St. Suite 402 New York, NY 10038			77 Water St. New York, NY 10005		652 Main St. Cincinnati, OH 45202

LOCATION & VICINITY MAP OVERALL PROJECT DESCRIPTION DRAWING INDEX



THE RENOVATION AND RESTORATION OF CINCINNATI UNION TERMINAL WILL BE BROKEN DOWN INTO MILTIPLE PERMIT / BID PARCAGES AND SIBBILITED OVER THE COURSE OF THE NEXT FEW MIXINITIES. FOR THE PLANS EXAMINER PURPOSES BELD OF SAIL OUTLINE OF THE PHONGE SOFTEES OF WORK AS CUPRENTLY PLANDED TO ASSEST MIXED STANDING OF SUBMISSION MIXED. BE PROVABLE LETTER DESIGNATIONS WILL NOT PRESCRIBE THE OTHER THEY WILL BE SUBMITTED TO THE BUILDING DEPARTMENT. ANTICIPATED PRINTED SUBMISSION OF SOERS AS FOLLOWS.

1 - BID PACKAGE 'C' - PHASE I EARLY CONSTRUCTION & TEMPORARY CONDITIONS

2 - BID PACKAGE 'A' - BUILDING EXTERIOR PACKAGE (LATE APRIL 2016)

3 - BID PACKAGE 'D' - INTERIOR DEMOLITION PACKAGE (SUMMER 2016)

4 - BID PACKAGE 'E' - EXTERIOR SITE PACKAGE (SUMMER 2016)

BID PACKAGE 'C' SCOPE DESCRIPTION



CONCARSE LESEL. A TRANSPARY LOSEY WILL SE CONSTRUCTES WITHIN THE EXISTING ROTURAD TO FACULTATE INTERIOR RENOVATIONS. THE CLOSEY WILL RENOW IN PLACE FOR 22 ** THANSE AND SE DEMANDES PREAD THE COMMETTING OF CONSTRUCTION. THE TRANSPARY DISCUSSION WILL CONTINUAL MATERIAN RESEARCH SHEETING. THE ALL OF CRITICAL TON TO THE EXISTING STARY I SOCIATIONS AND THE EXISTING PRESENCES LEXIVED HAT SERVISE THE CONCLUSIVE TO LOWER LEVEL.

-MEZZANINE LEVEL: THE EXISTING STAIR / ESCALATOR WILL REMAIN IN USE ON THIS LEVEL TO SERVICE CIRCULATION BETWEEN THE LOWER LEVEL AND CONCOURSE LOBBY. THIS CIRCULATION SHALL NOT BE USED AS A MEANS OF EGRESS. THE EXISTING PASSENGER ELEVATOR TRAVERSES THIS LEVEL BUT DOES NOT HAVE ANY ACCESS TO THIS LEVEL.

-ALL REMAINING AREAS REMAINING OCCUPIED WILL MAINTAIN LIFE SAFETY ELEMENTS AND EGRESS COMPONENTS AS OUTLINED IN THESE DOCUMENTS.

T.FA001	FIRE ALARM GENERAL NOTES, SYMBOLS, ABBREV AND DWG LIST	
T.FA700	FIRE ALARM OVERALL PLANS	_
T.FA701	FIRE ALARM LOWER LEVEL PART PLAN	
T.FA702	FIRE ALARM LOWER LEVEL PART PLAN	
T.FA703	FIRE ALARM CONCOURSE AND FIRST LEVEL PART PLANS	
T.FA800	FIRE ALARM DETAILS	

GBBN architects

> Project Architect GBBN Architects Inc. Cincinnati, OH 4520 T (513) 241-8700 F (513) 241-8873





Construction Manage

Preservation Architect John G. Walte Assoc. Architects

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Structural Engineer

Structural Enginee THP Limited Inc. 100 East 8th St.

MEP Engineer

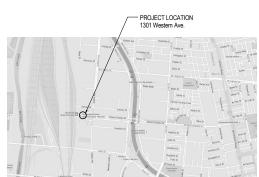
CONSTRUCTION DOCUMENTS PACKAGE C - PHASE I

No.	Date	Description
1	04/18/16	CONSTRUCTION DOC: PKG. C - PHAS
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TITLE SHEET -PHASE 1



TS-C



GENERAL NOTES - PHASE I

- A THE CONTRACTOR BHALL PROMISE PROTECTION AT EXISTING FLOOR AND WALL CONDITIONE TO BETWARTE LIMIT BIRPLOT OF TRAPOSING CONSTRUCTION.

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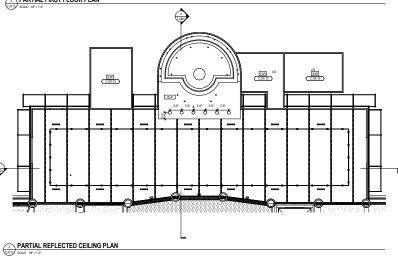
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CEILING - LEGEND



SUPPLY DIFFUSER



OVERALL LOBBY VIEW FROM ROTUNDA - LOOKING SOUTH EAST

GBBN architects

Project Architect

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CINCINNATI UNION TERMINAL RESTORATION & RENOVATION 1301 Western Ave., Cincinnati, OH 452



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MEP Engineer
Anup
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Washington DC. 20036
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MEP Engineer Heapy Engineering 1400 West Dorothy Ln. Dayton, OH 45409 (937) 224-0861

Civil Engineer Landscape Architect The Kleingers Group 6305 Centre Park Dr. West Chester, OH 45069 (513) 779-7851

CONSTRUCTION DOCUMENTS PACKAGE C - PHASE I

No.	Date	Description
1	04/18/16	CONSTRUCTION DOC: PKG: C - PHASE I

CONCOURSE ENLARGED PLANS -PHASE I

Job Number:	OF OF
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Orawn By:	STEVEN
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As indicated	10435
Date:	1 Common of the
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Cincinnati Union Terminal Restoration & Renovation



Bid Manual April 15, 2016

