

**COUNTY OF WESTCHESTER
NEW YORK
DIVISION OF ENGINEERING**

**ADDENDUM NO. 3
CONTRACT NO. 20-530**

**Infrastructure Rehabilitation – Phase 2
Playland Park
Rye, New York**

The attention of the bidders is directed to the following changes, additions, and/or substitutions affecting the above referenced contract.

A. ADDING THE FOLLOWING DRAWINGS TO THE DRAWING SET

Drawing GE-E-04 (Page 289 of 290) – GENERAL DUCTBANK PLAN-1.

Drawing GE-E-05 (Page 290 of 290)– GENERAL DUCTBANK PLAN-2.

These additional drawings bring the total page number from 288 to 290.

B. RE: GENERAL CONTRACT INFORMATION

Item 1: Bidder Questions and Responses
Attached hereto.

Item 2: Geotechnical Report
Attached hereto, for information only. See AD-C-01

C. RE: THE PLANS

Item 3: Drawing COL-A-22 (Page 34), Paint Details and Schedule.
Delete the existing Mural Schedule.

Insert the Mural Schedule as shown on Addendum Drawing AD-A-01, attached.

Item 4: Drawing PR-A-66 (Page 113), Exterior Building Finish Schedule.
Modify the Contract drawing as shown on Addendum Drawing AD-A-02, attached.

Item 5: Drawing BCR-A-61 (Page 249), Door & Window Schedule and Transition Details.
Modify the Contract drawing as shown on Addendum Drawing AD-A-03, attached.

Item 6: Drawing BCR-A-62 (Page 250), Finish Plan, Schedule and Transition Details.
Modify the Contract drawing as shown on Addendum Drawing AD-A-04, attached.

Item 7: Drawing BCR-A-21 (Page 239), Exterior Elevations.

ADDENDUM NO. 3, cont'd
CONTRACT NO. 20-530
Infrastructure Rehabilitation – Phase 2

Modify the Contract drawing as shown on Addendum Drawing AD-A-06, attached.

Item 9: Drawing BCR-A-51 (Page 246), Partition and Flooring Type Details
Modify the Contract drawing as shown on Addendum Drawing AD-A-07, attached.

Item 10: Drawing COL-E-05 (Page 67), West Colonnade Roof Lighting Plan
Modify the Contract drawing as shown on Addendum Drawing AD-COL-E-05, attached.

Item 11: Drawing COL-E-09 (Page 71), East Colonnade Roof Lighting Plan
Modify the Contract drawing as shown on Addendum Drawing AD-COL-E-09, attached.

Item 12: Drawing PR-E-07 (Page 162), Ground Floor Power Plan
Modify the Contract drawing as shown on Addendum Drawing AD-PR-E-07, attached.

Item 13: Drawing PR-E-08 (Page 163), Roof Power Plan
Modify the Contract drawing as shown on Addendum Drawing AD-PR-E-08, attached.

Item 14: Drawing PR-E-10 (Page 165), Roof Lighting Plan
Modify the Contract drawing as shown on Addendum Drawing AD-PR-E-10, attached.

Item 15: Drawing COL-S-19, *Colonnade Reconstruction Details*.
Insert detail as shown on Addendum Drawing AD-COL-S-01.

Item 16: Drawing COL-S-19, *Colonnade Reconstruction Details*.
Insert detail as shown on Addendum Drawing AD-COL-S-02.

Item 17: Drawing COL-S-19, *Colonnade Reconstruction Details*.
Insert section as shown on Addendum Drawing AD-COL-S-03

Item 18: Drawings COL-S-09 & COL-S-10, *Colonnade Reconstruction Foundation Part Plans – West Colonnades & Foundation Part Plans – East Colonnades*

Insert the following note:

2. Contractor shall temporarily remove, protect, and reinstall any existing fencing, gates, signs, and related appurtenances which fall within excavation limits for new colonnade construction. Colonnade excavation shall include temporary sheeting and bracing to minimize limits of excavation. Costs for such work shall be deemed included in construction bid.

Item 19: Drawing PR-S-12, *Plaza Restaurant Rear Tower – Part Plans*
Replace on Detail 1-PR-S-12 the note “Phase” with “Concrete Pour”.

ADDENDUM NO. 3, *cont'd*
CONTRACT NO. 20-530
Infrastructure Rehabilitation – Phase 2

D. RE: THE SPECIFICATIONS

Item 20: **Insert** Section 05 52 13 – *Pipe and Tube Railings*.

Item 21: **Insert** Section 32 33 00 – *Site Furnishings*.

Item 22: **Insert** Section 07 46 46 – *Fiber Cement Siding*.

Item 23: Section 31 62 15 – Drilled Micropiles,
Insert the following in Section 1.3.C.1.d.

d. The Contractor shall engage the services of a licensed Professional engineer, registered in NYS to provide on-site, full-time inspection of all pile installation and testing operations. He shall record all pile driving information in real time and certify that the installation of all production piles comply with these specifications, and applicable standards.

Item 24: Section 01 32 33 – Pre-Construction Building Survey,
Remove Item 1.2.A.1.b.

Insert the following to Section 1.2.B.

Photographic documentation per the bellow shall be provided for the following:

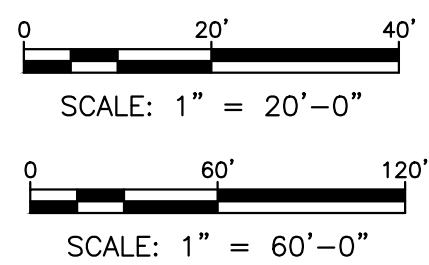
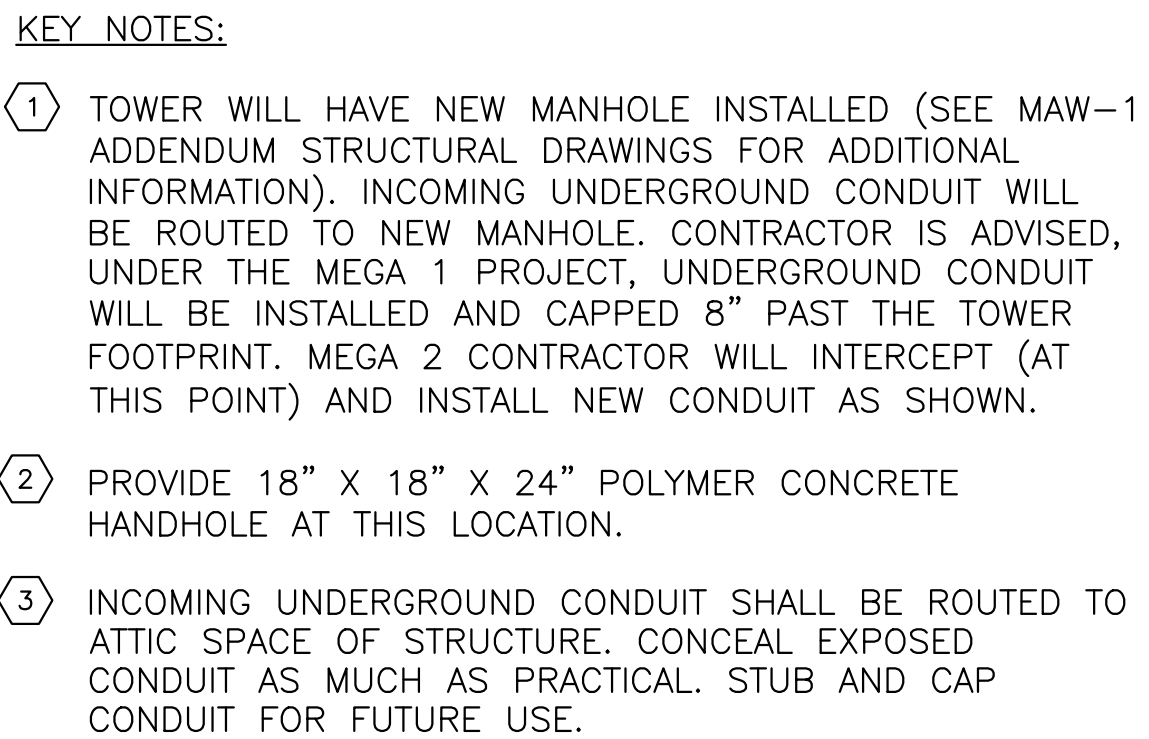
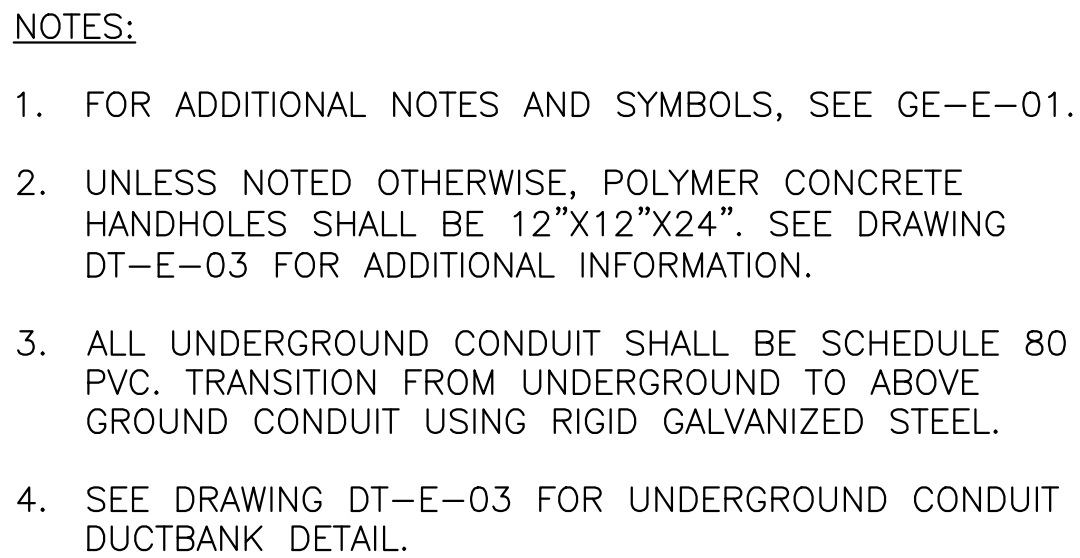
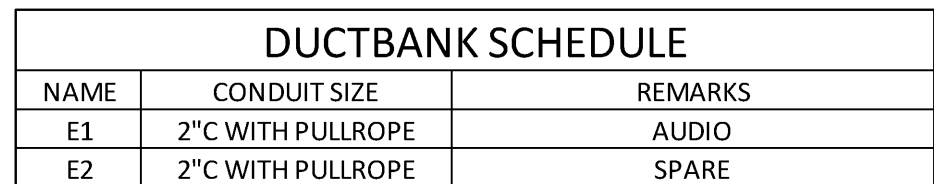
1. Plaza Restaurant
2. CXB Building Conversion
3. Colonnades

All provisions of the contract not affected by the foregoing shall remain in full force and effect.

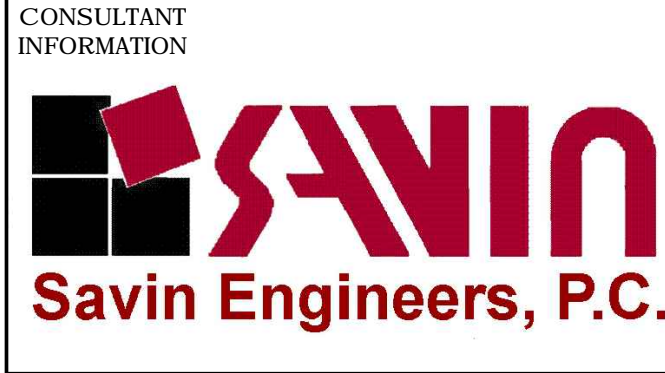
COUNTY OF WESTCHESTER
DEPARTMENT OF PUBLIC WORKS AND
TRANSPORTATION

By: Hugh J. Greechan Jr., P.E.
Commissioner

Dated: July 2, 2021
WHITE PLAINS, NEW YORK



Drawing Name: G:\Savin\Autocad\2060\25-Playland-Mega-2\GE\GE005.dwg
Printed by: B66666 Date: 2 Jul 2021 10:39 AM Designed by: ---
Xrefs: [TB_24X36_WestchesterCo_3.dwg] [TSC-SULOG.dwg] [TWS-SP0001.dwg] [DSEP-101.dwg]

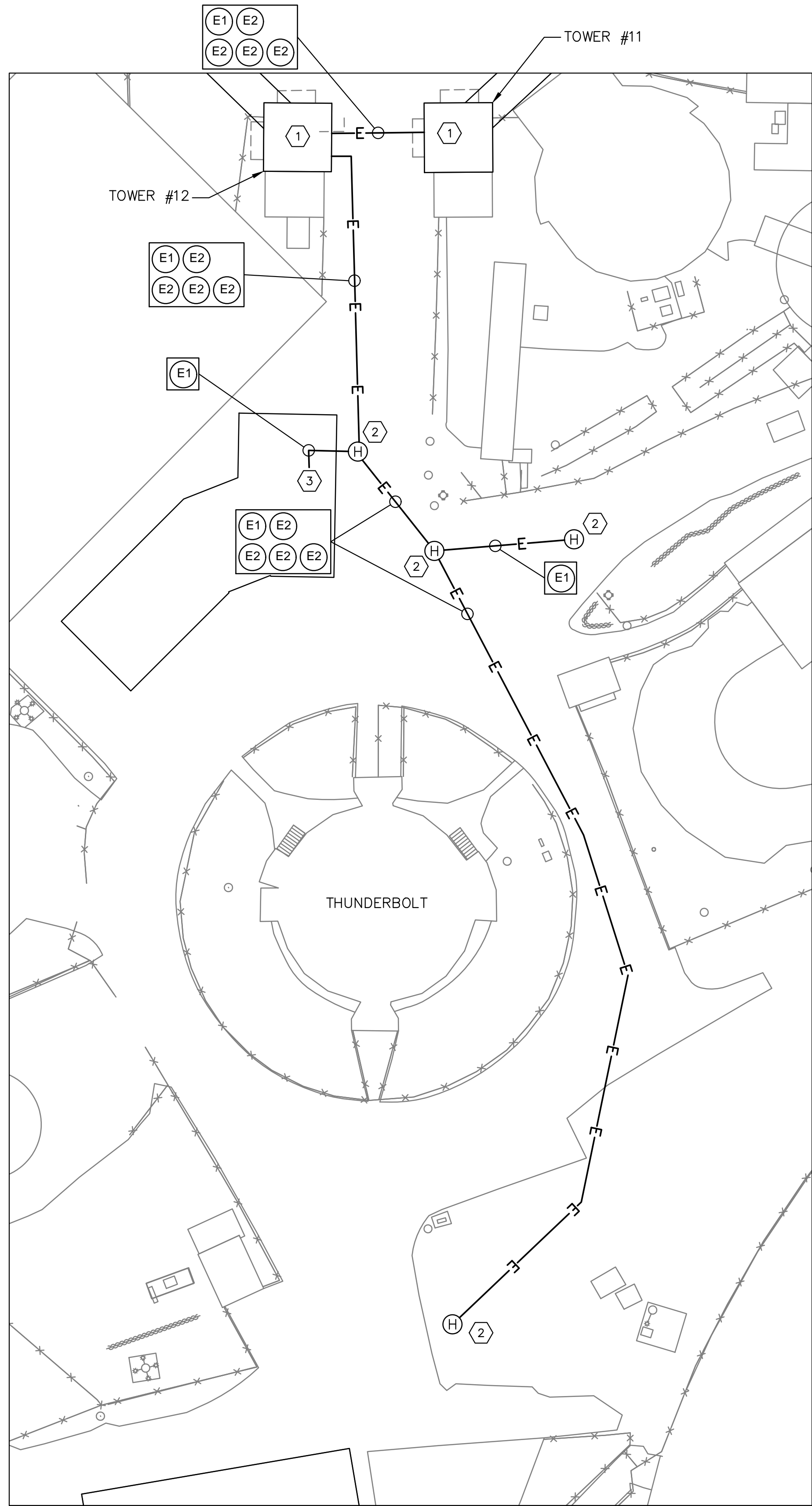


1	07/02/2021	RKC	DF	BID ADDENDUM #3	
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION	

RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED		<input type="checkbox"/> AS BUILT - NO CHANGES	
CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____		
SIGNATURE _____	SIGNATURE _____		
TITLE _____ DATE _____	TITLE _____ DATE _____		

WESTCHESTER COUNTY, NEW YORK	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION	
DIVISION OF ENGINEERING	
INFRASTRUCTURE REHABILITATION - PHASE 2	
PLAYLAND PARK, RYE, NEW YORK	
GENERAL	
DUCT BANK PLAN 2	

CONTRACT NUMBER	SHEET NUMBER
20-530	GE-E-05
DWG NO.: Page 290 of 290	
SCALE: AS SHOWN	
DATE: JULY, 2 2021	
DPW FILE NUMBER	REV. NO.
1-118-E-676B	0

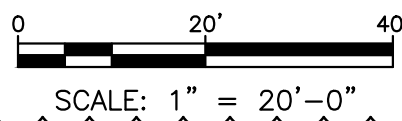


3 ENLARGED PLAN
GE-E-04 SCALE: 1" = 20'

DUCTBANK SCHEDULE		
NAME	CONDUIT SIZE	REMARKS
E1	2" C WITH PULLROPE	AUDIO
E2	2" C WITH PULLROPE	SPARE

- NOTES:
- FOR ADDITIONAL NOTES AND SYMBOLS, SEE GE-E-01.
 - UNLESS NOTED OTHERWISE, POLYMER CONCRETE HANDHOLES SHALL BE 12"x12"x24". SEE DRAWING DT-E-03 FOR ADDITIONAL INFORMATION.
 - ALL UNDERGROUND CONDUIT SHALL BE SCHEDULE 80 PVC. TRANSITION FROM UNDERGROUND TO ABOVE GROUND CONDUIT USING RIGID GALVANIZED STEEL.
 - SEE DRAWING DT-E-03 FOR UNDERGROUND CONDUIT DUCTBANK DETAIL.

- KEY NOTES:
- TOWER WILL HAVE NEW MANHOLE INSTALLED (SEE MAW-1 ADDENDUM STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION). INCOMING UNDERGROUND CONDUIT WILL BE ROUTED TO NEW MANHOLE. CONTRACTOR IS ADVISED, UNDER THE MEGA 1 PROJECT, UNDERGROUND CONDUIT WILL BE INSTALLED AND CAPPED 8" PAST THE TOWER FOOTPRINT. MEGA 2 CONTRACTOR WILL INTERCEPT (AT THIS POINT) AND INSTALL NEW CONDUIT AS SHOWN.
 - PROVIDE 18" X 18" X 24" POLYMER CONCRETE MANHOLE AT THIS LOCATION.
 - INCOMING UNDERGROUND CONDUIT SHALL BE ROUTED TO ATTIC SPACE OF STRUCTURE. CONCEAL EXPOSED CONDUIT AS MUCH AS PRACTICAL. STUB AND CAP CONDUIT FOR FUTURE USE.



BIDDERS QUESTIONS AND RESPONSES

WESTCHESTER COUNTY DEPARTMENT OF PUBLIC WORKS
AND TRANSPORTATION
DIVISION OF ENGINEERING

CONTRACT NO. 20-530
INFRASTRUCTURE REHABILITATION – PHASE 2
Playland Park
Rye, New York

The attention of all bidders is directed to the following responses to questions with regards to the above referenced Contract. These responses are presented for information purposes only and are not intended to modify the Contract. All provisions of the Contract remain in full force and effect. Where modification is required, the bidder's attention is directed to the addenda.

#	<u>QUESTION</u>	<u>RESPONSE</u>
	<u>ADMINISTRATIVE/ CONTRACTUAL</u>	
1	Will work be permitted at night and/or on weekends?	<i>Night and weekend work can be coordinated with Park management and the CM when the contract is in place.</i>
	<u>STRUCTURAL</u>	
1	Sheet No. Col-S-06 shows a typical section of the existing colonnades. This drawing shows 2' x 2' x 4' foundations. Is there any other concrete foundations, slabs, etc. to be expected?	<i>All shown for existing foundations is based on available information. No other information is available besides what is shown.</i>
2	Confirm that the steel fabricator needs to be AISC certified.	<i>Confirmed. Steel Fabricator shall be AISC certified.</i>

3	<p>We have questions regarding the work at the colonnade. Along the west side of the West Colonnade and along the east side of the East Colonnade, the existing site features appear to fall within the excavation line of the new foundation work (sample pictures attached).</p> <p>The fencing, boardwalks, and other park structures at various colonnade locations will need to be relocated in order to perform the work. Please advise if Parks will do these relocations?</p>	<p><i>Contractor shall temporarily remove, protect, and reinstall any existing fencing, gates, signs, and related appurtenances which fall within excavation limits for new colonnade construction. Colonnade excavation shall include temporary sheeting and bracing to minimize limits of excavation. Costs for such work shall be deemed included in construction bid. Also, see Addendum No. 3.</i></p>
4	<p>Why do we need to do a pre-construction survey of the colonnades, if they are being removed? We assume the designer will provide the coordinates, lines, and grades for the colonnades to match the original layout.</p>	<p><i>See Addendum No. 3.</i></p>
5	<p>Detail 1 on dr. PR-S-12 shows “Rear tower vestibule” in Phase 1 contract. Please clarify.</p>	<p><i>‘Phase 1’ and ‘Phase 2’ were intended to reference concrete sequence of construction only (i.e. not different contracts), wherein Phase 1 concrete work must be completed first in order for Phase 2’s 8” slab on grade to bear on concrete shelf. Also, see Addendum No. 3.</i></p>
	<u>CIVIL</u>	
1	<p>What is the depth of asphalt we should expect at the colonnades?</p>	<p><i>See attached Geotechnical Report AD-C-01</i></p>
	<u>ARCHITECTURAL</u>	
1	<p>In order to obtain pricing for mural art, we will need a schedule for all of the mural art. Contract Drawing COL-A-2 has a mural schedule for the colonnades.</p>	<p><i>Mural schedule attached for Colonnade (AD-A-01) and Plaza Restaurant (AD-A-02). There will not be any mural art in the BCR and CXB.</i></p>

	Can we obtain schedules for the entire project?	
2	Are there as-built drawings for the original structures?	<i>We do not have as built drawings. Please refer to the demolition drawings</i>
3	Will the walking path along the colonnade be closed to pedestrian traffic?	<i>All contract work will be performed while the park is closed to the public. However the walkways along the colonnades will be utilized at all times by Park maintenance personnel and by other contractors.</i>
4	Dr. PR-A-13 Note 105, Roof Mounted Guardrail. Please provide Manufacture / BOD.	<i>See attached specification 05 52 13- Pipe and Tube Railings</i>
5	James Hardie Cementitious siding specified 07 46 46. Please advise location.	<i>See attached specification 07 46 46 – Fiber Cement Siding</i>
6	Specs 08 90 00 Aluminum louvers specified, drawings shown wood louvers. Please clarify.	<i>Please use Exterior Simulated Woodwork. See specification 06 40 13 already submitted in Bid Book.</i>
7	Dr. BCR-A-61 Door schedule missing info door# 1, 2 type, size, material. Please advise.	<i>See attached AD-A-03</i>
8	BCR-A-11 Note #21 – new benches, please provide Benches detail/ BOD.	<i>See attached specification 32 33 00 –Site Furnishings and AD-A-04</i>
9	BCR-A-21 Note 11 hurricane resistant steel windows. Please advise window size shown on BRC-A-21 section 3 & 6.	<i>See attached AD-A-05</i>
10	Dr. BCR-A-11 & BCR-A-32/1 shows asphalt pavement. Is asphalt pavement in 20-530 contract or in 20-531? Please advise.	<i>See Civil drawings in 20-530</i>
11	BCR-A-62 finish legend is not indicate room#. Dr. BCR-A-41, 42, 43 not shown finish. Please provide Finish Schedule.	<i>See attached AD-A-06 & AD-A-07</i>
12	CXB-A-62 window schedule shows steel, detail – aluminum. Please clarify.	<i>Please use aluminum windows to match Contract 20-501 RCX project.</i>
13	Dr. COL-A-19 / 1 - Column Shaft Section Note - (5/4” Select Pine Cut For Tight Point Nail Only Do Not GLUE)	<i>Please fabricate columns using primarily tight point nail and use glue as supplemental as needed.</i>

	No glue is to be used during fabrication of octagonal columns. Why?	
14	Dr. T-07 Contractor Info- Site Plan. Note shows Plaza Restaurant Building is contract 20-501, Legend shows contract 20-530. Please clarify.	<i>Plaza Restaurant is part of Contract 20-530.</i>

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Testing & Inspection Services, Inc.

Drilling & Boring Contractors

Testing Labs

Corporate Headquarters

73 Otis St., W. Babylon, NY 11704

T: 631.491.5252 F: 631.491.5959

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Rig: CME45C Auto Hammer

Crew: Morales / Kuefner / Morley

HSA: 31/4" and Split Spoon

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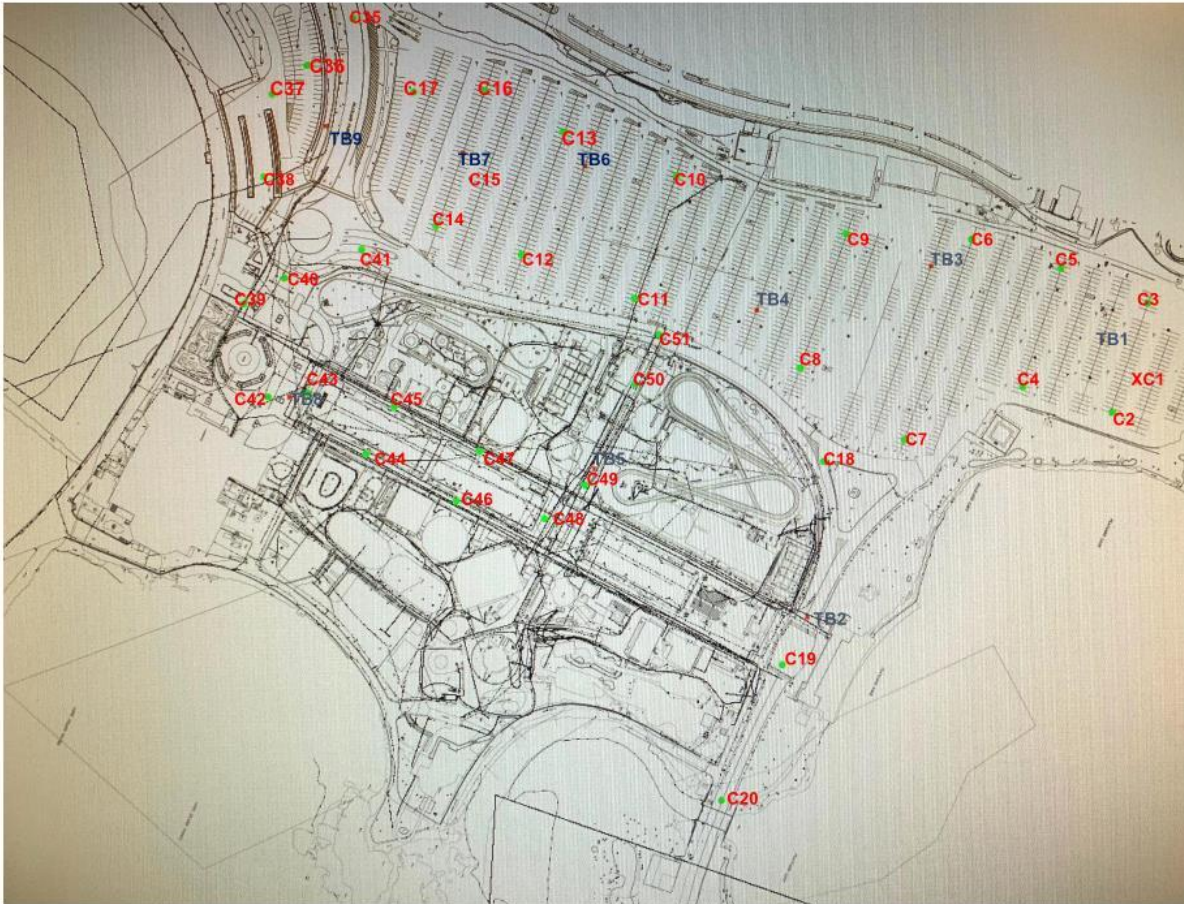
Mobilization Date: August 18, 2020

Completion Date: August 25, 2020

UTIS Report #: LIR-00372D

CORE DRILLING REPORT

Test Boring and Pavement Core Locations



The Field Representative of Universal Testing is on the site solely to observe/identify operations of the contractor(s), observe conformance with contract documentation/specifications and report those daily findings to the client. The presence and activities therein does NOT relieve the contractor(s) obligation to meet contractual, specification and code requirements. The contractor retains sole responsibility for site safety, methods/means, sequences of construction and frequency of inspections, testing, engineering and general observation therein. This report relates only to the items and/or exact test and/or inspected located and is confidential property of Universal and its client(s). Information contained in this report may not be published or reproduced without written permission from the Universal group, failure to do so may result in legal obligations on your part. Questions or comments please call us at: 1.855.UTEST47

REV C. 05/08

REFERENCE DRAWING: N/A



ADDENDUM No. 3

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE STATE EDUCATION LAW.

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION 2
PLAYLAND PARK, RYE NY

CONTRACT No. 20-530
SHEET No. 2 OF 5
DATE: June 25, 2021
NOT TO SCALE
DRAWING No.
AD-C-01

UNIVERSAL

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T: 631.491.5252 F: 631.491.5959
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HSA: **31/4" and Split Spoon**

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Mobilization Date:	August 18, 2020
Completion Date:	August 25, 2020
UTIS Report #:	LIR-00372D

CORE DRILLING REPORT



CORE NUMBER LOCATION	PAVEMENT THICKNESS
Core No. 44	5.59" of Total Pavement 1.52" Top Coarse 1.92" Binder Coarse 2.15" Base Coarse

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Mobilization Date:	August 18, 2020
Completion Date:	August 25, 2020
UTIS Report #:	LiR-00372D

CORE DRILLING REPORT



CORE NUMBER LOCATION	PAVEMENT THICKNESS
Core No. 46	2.32" of Total Pavement

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PLAYLAND PARK, RYE NY

CONTRACT No. 20-530
SHEET No. 3 OF 5
DATE: June 25, 2021
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Page 58 of	67
Mobilization Date:	August 18, 2020
Completion Date:	August 25, 2020
UTIS Report #:	LIR-00372D

CORE DRILLING REPORT



CORE NUMBER LOCATION	PAVEMENT THICKNESS
Core No. 45	3.72" of Total Pavement 1.55" Top Coarse 2.17" Binder Coarse

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CONTRACT No. 20-530
SHEET No. 4 OF 5
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Page 60 of	67
Mobilization Date:	August 18, 2020
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UTIS Report #:	LiR-00372D

CORE DRILLING REPORT



CORE NUMBER LOCATION	PAVEMENT THICKNESS
Core No. 47	7.67" of Total Pavement 2.33" Top Coarse 2.15" Binder Coarse 3.19" Base Coarse

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INFRASTRUCTURE REHABILITATION 2
PLAYLAND PARK, RYE NY

CONTRACT No. 20-530
SHEET No. 5 OF 5
DATE: June 25, 2021
NOT TO SCALE
DRAWING No.
AD-C-01

Delete:

MURAL SCHEDULE			
QUANTITY	TYPE	MANUFACTURER	REMARKS
196	ART MURAL	TBD	
200	SUNBURST MURAL	TBD	

Insert:

CONTRACT 20-530 Mural Schedule (Colonnade)						
Size	8'-0" w X 2'-0" h	8'-0" w X 2'-0" h	8'-0" w X 2'-0" h	4'-0" w X 2'-0" h	0'-10" w X 2'-2" h	
Type	Art	Art & Lettering	Art	Art	Sunburst	
Location						
West Colonnade - Front	42	8		1	100	
West Colonnade - Back			50			
East Colonnade - Front	42	8		1	100	
East Colonnade - Back			50			
Mural Total by Type:	84	16	100	2	200	402
Number of Unique Images	21	16	6	2	2	47

V.I.F. CONTRACTOR TO CONFIRM DIMENSIONS PRIOR TO ORDERING

REFERENCE DRAWING: COL-A-22



COL-A-22

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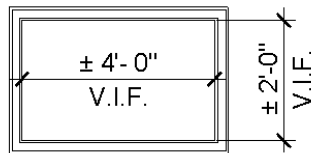
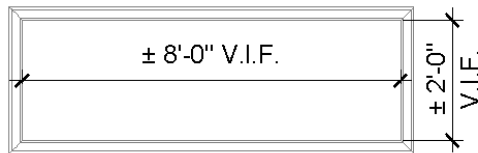
INFRASTRUCTURE REHABILITATION 2
PLAYLAND PARK, RYE NY

CONTRACT No. 20-530
SHEET No. 1 OF 1
DATE: June 25, 2021
NOT TO SCALE
DRAWING No.

AD-A-01

Insert:

CONTRACT 20-530 Mural Schedule (Plaza Restaurant)			
Size	8'-0" w X 2'-0" h	4'-0" w X 2'-0" h	
Type	Art	Art	
Location			
Plaza Restaurant Building	7	2	TOTAL
Mural Total by Type:	7	2	9
Number of Unique Images	7	2	9



REFERENCE DRAWING: PR-A-66



PR-A-66
ADDENDUM No. 3

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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING
INFRASTRUCTURE REHABILITATION 2
PLAYLAND PARK, RYE NY

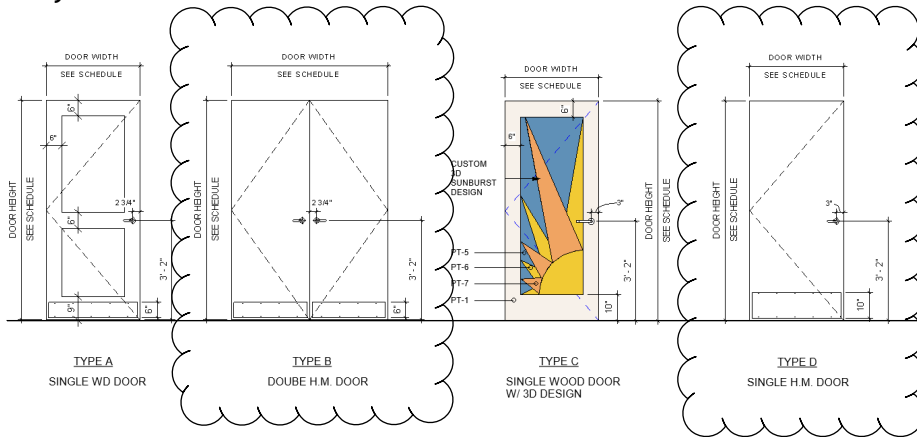
CONTRACT No. 20-530
SHEET No. 1 OF 1
DATE: June 25, 2021
NOT TO SCALE
DRAWING No.
AD-A-02

Modify:

DOOR SCHEDULE

DOOR NUMBER	LOCATION	DOOR PANEL							DOOR FRAME						HARDWARE SET	REMARKS
		PANEL TYPE	WIDTH	HEIGHT	GLASS	MATERIAL	FINISH	FIRE RATED	FRAME TYPE	MATERIAL	FINISH	HEAD	JAMB	THRESHOLD		
1	GROUND FLOOR	D	3'-0"	7'-0"		HM	PAINTED		1	HM	PAINTED	H1	J1	2		INSULATED DOOR WITH WEATHERSTRIPPING
2	GROUND FLOOR	B	5'-0"	7'-0"		HM	PAINTED	45 MIN	2	HM	PAINTED	H1	J1	2		2) 2'-6" WIDTH DOORS
3	GROUND FLOOR	C	3'-0"	7'-0"		WD	PAINTED	-	3	WD	PAINTED	H2	J2	2		
4	GROUND FLOOR	C	3'-0"	7'-0"		WD	PAINTED	-	3	WD	PAINTED	H2	J2	2		
5	GROUND FLOOR	A	3'-0"	7'-0"		WD	PAINTED	-	1	HM	PAINTED					
6	GROUND FLOOR	E	0'-0"	0'-0"				-							-	CASED OPENING.
7	GROUND FLOOR	E	0'-0"	0'-0"				-							-	CASED OPENING
8	GROUND FLOOR	C	3'-0"	7'-0"		WD	PAINTED	-	3	WD	PAINTED	H2	J2	2		
9	GROUND FLOOR	A	3'-0"	7'-0"		WD	PAINTED	-	1	HM	PAINTED	H1	J1			
10	GROUND FLOOR	A	3'-0"	7'-0"		WD	PAINTED	-	1	HM	PAINTED	H1	J1			

Modify:



REFERENCE DRAWING: BCR-A-61

BCR-A-61

ADDENDUM No. 3

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED
UNDER SECTION 7209 SUBDIVISION 2 OF THE STATE
EDUCATION LAW.

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING
INFRASTRUCTURE REHABILITATION 2
PLAYLAND PARK, RYE NY

CONTRACT No. 20-530
SHEET No. 1 OF 1
DATE: June 29, 2021
NOT TO SCALE
DRAWING No.
AD-A-03

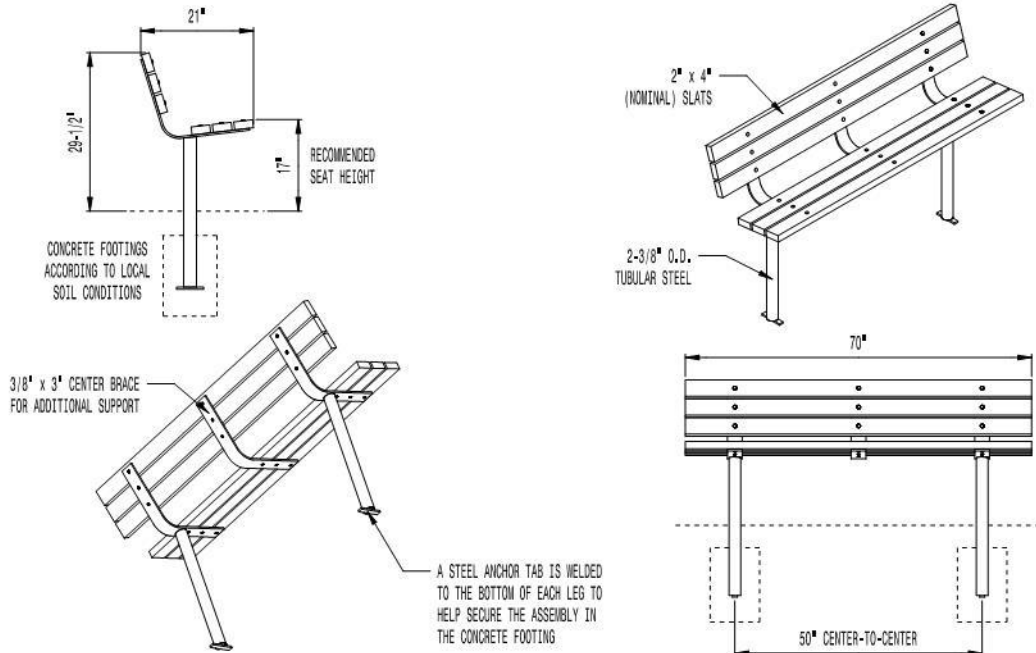


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TEL (301) 855-8300 - FAX (410) 257-7579
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AVAILABLE OPTIONS:

POWDER COATING

10 STANDARD COLORS, 2 OPTIONAL METALLIC COLORS,
CUSTOM COLORS (INCLUDING THE RAL RANGE)

SLAT TYPES

TPE WOOD (AS SHOWN) OR 2nd SITE SYSTEMS® REINFORCED RECYCLED PLASTIC SLATS
2nd SITE SYSTEMS® COLORS: GRAY, MAPLE, CHERRY, AND WALNUT
(8' LENGTH WITH FULL CENTER LEG)

ARMRESTS (BOLT-ON)

4', 6', & 8' AVAILABLE WITH OPTIONAL ARMREST WITH MATCHING TRIM

LENGTHS

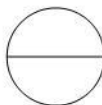
STANDARD 4'
STANDARD 6' (AS SHOWN)
STANDARD 8'

MOUNTING

STANDARD IN-GROUND (AS SHOWN) AND SURFACE
AVAILABLE WITH OPTIONAL GULL-WING AND BACK-TO-BACK
6' LENGTH AVAILABLE WITH WALL BRACKETS

NOTES:

1. DRAWINGS NOT TO SCALE. DO NOT SCALE DRAWINGS.
2. ALL FABRICATED METAL COMPONENTS ARE STEEL SHOTBLASTED, ETCHED, PHOSPHATIZED, PREHEATED, AND ELECTROSTATICALLY POWDER-COATED WITH T.G.I.C. POLYESTER POWDER COATINGS. PRODUCTS ARE FULLY CLEANED AND PRETREATED, PREHEATED AND COATED WHILE HOT TO FILL CREVICES AND BUILD COATING FILM. COATED PARTS ARE THEN FULLY CURED TO COATING MANUFACTURER'S SPECIFICATIONS, THE THICKNESS OF THE RESULTING FINISH AVERAGES 8-10 MILS (200-250 MICRONS).
3. THIS VICTOR STANLEY, INC. PRODUCT MUST BE PERMANENTLY AFFIXED IN THE GROUND, CONSULT YOUR LOCAL CODES FOR REGULATIONS.
4. FOR HIGH SALT ABUSIVE CLIMATES, HOT-DIP GALVANIZING BEFORE POWDER COATING IS AVAILABLE, HOT-DIP GALVANIZING IS PERFORMED FOR VICTOR STANLEY, INC. BY AN EXPERIENCED QUALIFIED FIRM TO WHICH PRODUCTS ARE SHIPPED FOR GALVANIZING. HOT-DIP GALVANIZING INCLUDES AN AGGRESSIVE PRE-TREATMENT AND IMMERSION IN A TANK OF CHARGED LIQUID ZINC AT OR AROUND 680°F (460°C). THE RESULTING SURFACE IS RESISTANT TO RUST BUT HAS SOME UNEVENNESS RESULTING FROM THE BONDING OF THE ZINC TO THE STEEL SURFACE, AS A RESULT, THE POWDER-COATING SURFACE FINISH OVER THAT GALVANIZED SURFACE MAY EXHIBIT BUMPS, UNEVENNESS, AND MAY NOT BE AS SMOOTH AS THE STANDARD FINISH; THIS UNEVEN AND INCONSISTENT FINISH IS NORMAL FOR GALVANIZING, CONTACT MANUFACTURER FOR DETAILS.
5. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE, CONTACT MANUFACTURER FOR DETAILS.
6. THIS PRODUCT IS SHIPPED PARTIALLY UNASSEMBLED.



MODEL 2

HOMESTEAD

2" x 4" SLAT BENCH
SHOWN: STANDARD 6-FOOT LENGTH
STANDARD IN-GROUND MOUNT

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REV. 10/3/17 DRAIN V.F.T. 2017-722

REFERENCE DRAWING: BCR-A-62

BCR-A-62

ADDENDUM No. 3

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING

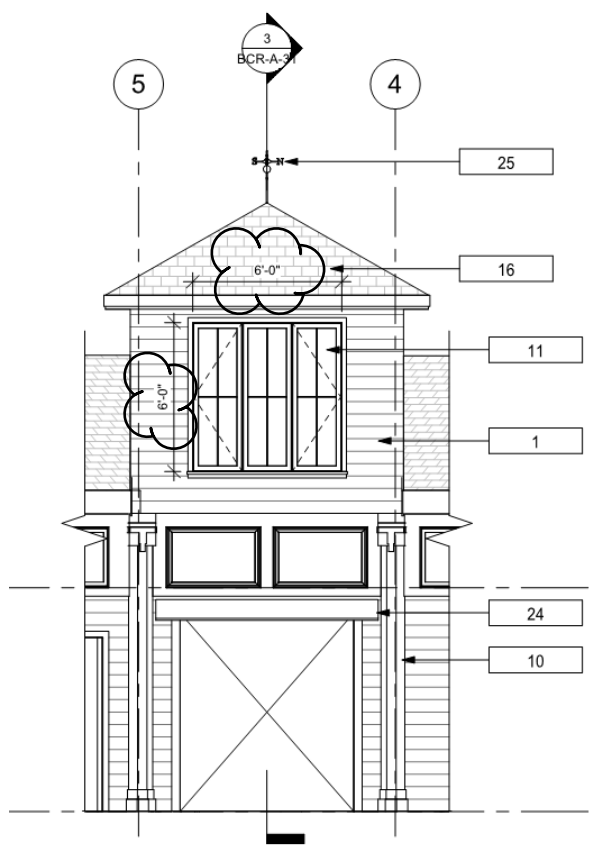
INFRASTRUCTURE REHABILITATION 2
PLAYLAND PARK, RYE NY

CONTRACT No. 20-530
SHEET No. 1 OF 1
DATE: June 29, 2021
NOT TO SCALE
DRAWING No.
AD-A-04

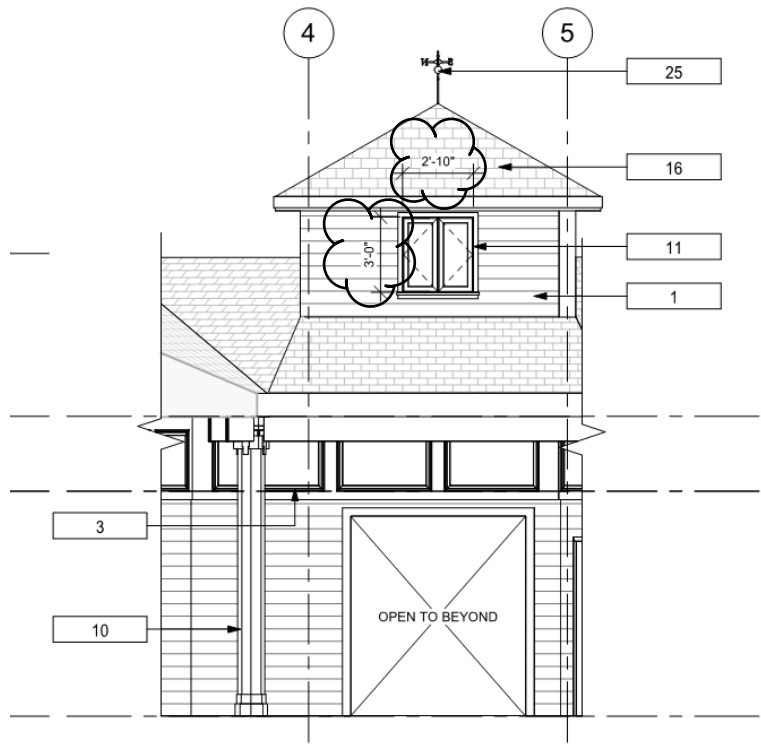


NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED
UNDER SECTION 7209 SUBDIVISION 2 OF THE STATE
EDUCATION LAW.

Modify:



3 EAST PASSAGE EXTERIOR ELEVATION



6 WEST PASSAGE EXTERIOR ELEVATION

REFERENCE DRAWING: BCR-A-21



BCR-A-21
ADDENDUM No. 3

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED
UNDER SECTION 7209 SUBDIVISION 2 OF THE STATE
EDUCATION LAW.

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING
INFRASTRUCTURE REHABILITATION 2
PLAYLAND PARK, RYE NY

CONTRACT No. 20-530
SHEET No. 1 OF 1
DATE: June 29, 2021
NOT TO SCALE
DRAWING No.
AD-A-05

Modify:

FINISH LEGEND

TAG	FINISH MATERIAL	MANUFACTURER	MODEL/INFORMATION	COLOR	FINISH	LOCATION	REMARKS
WALL MATERIALS							
P-1	PAINT	BENJAMIN MOORE	TBD	MYSTICAL POWERS #901	SEMI-GLOSS	WOOD SIDING, FASCIA	
P-2	PAINT	BENJAMIN MOORE	TBD	HERITAGE RED #PM-16	SEMI-GLOSS	TRIM/ DOOR & WINDOW FRAMES	
P-3	PAINT	BENJAMIN MOORE	TBD	BRIGHT YELLOW #343	SEMI-GLOSS	T-CAPITAL/ DECORATIVE MOLDINGS	
P-4	PAINT	BENJAMIN MOORE	TBD	NEW YORK STATE OF MIND #805	SEMI-GLOSS	COLUMN SHAFT/ DECORATIVE MOLDINGS	
P-5	PAINT	BENJAMIN MOORE	TBD	LAZY SUNDAY #803	SEMI-GLOSS	RESTROOM DOORS - SUNBURST BACKGROUND	
P-6	PAINT	BENJAMIN MOORE	TBD	SUNRAYS #343	SEMI-GLOSS	RESTROOM DOORS - SUNBURST ACCENT #1	
P-7	PAINT	BENJAMIN MOORE	TBD	ANTELOPE CANYON #125	SEMI-GLOSS	RESTROOM DOORS - SUNBURST ACCENT #2	
P-8	PAINT	BENJAMIN MOORE	TBD	TRICORN BLACK #8258	SEMI-GLOSS	BASEBOARD/COLUMN BASE	
P-9	PAINT	BENJAMIN MOORE	TBD	CHANTILLY LACE #2121-70	SEMI-GLOSS	JANITOR'S CL/SPRINKLER RM	
P-10	PAINT	BENJAMIN MOORE	TBD	GRAY	SEMI-GLOSS	INTERIOR DOORS - JANITOR'S CL/SPRINKLER RM	
T-1	CERAMIC/PORCELAIN TILE	TBD	TBD	LT. GRAY	MATTE	RESTROOMS	8"X16" RECTANGULAR
T-2	CERAMIC/PORCELAIN TILE	TBD	TBD	MEDIUM GRAY	MATTE	RESTROOMS	8"X16" RECTANGULAR, UPTO 9'-0" A.F.F.
T-3	CERAMIC/PORCELAIN TILE	TBD	TBD	DARK GRAY	MATTE	RESTROOMS	8"X16" RECTANGULAR
MT-1	MOSAIC TILE	KALEIDOSCOPE	MB2023 - 3/4"x3/4"	JUBILEE	IRIDESCENT GLASS	DRINKING FOUNTAIN	OR APPROVED EQUAL
FLOOR MATERIALS							
EP-1	EPOXY MACROCHIP	DUR-A-FLEX	DUR-A-GUARD	PEWTER	MACRO CHIP	TYP.	
PC-1	POLISHED CONCRETE					PASSAGE	
BASE MATERIALS							
WB-1	RESIN COVE BASE	DUR-A-FLEX	TBD	PEWTER	MACRO CHIP	TYP.	
WB-2	FIBERGLASS BASE	TBD	TBD	TBD	TBD	PASSAGE	ALSO EXTERIOR BASEBOARD
CEILING MATERIALS							
TB-1	T1-11 CEILING BOARD	TBD	TBD	PAINTED,TBD	-	TYP.	SECOND FLOOR LEFT UNFINISHED
GB-1	GYPSON BOARD	TBD	TBD	PAINTED,TBD		WOMENS RESTROOM	
PARTITION FINISHES							
TOILET PARTITION	SOLID PLASTIC (HDPE)	ASI ACCURATE PARTITIONS	FLOOR ANCHORED	BURGUNDY 9211	PEBBLE GRAINED	RESTROOMS	
URINAL PARTITION	SOLID PLASTIC (HDPE)	ASI ACCURATE PARTITIONS	48" WALL HUNG SCREENS	BURGUNDY 9211	PEBBLE GRAINED	RESTROOMS	

NOTE:

1. ALL FINISHES TO BE APPROVED BY ARCHITECT.
2. PRODUCT/MAUFACTURER SELECTION BY CONTRACTOR TO BE BASED ON THE PERFORMANCE AND REQUIREMENTS STATED IN THE SPECIFICATIONS.

Insert:

FINISH SCHEDULE

ROOM #	WALLS	FLOORS	CEILING	WALL BASE
101 - ELECTRICAL CLOSET	P-9	EP-1	TB-1	WB-1
102 - SPRINKLER ROOM	P-9	EP-1	TB-1	WB-1
103 - FAMILY RESTROOM	T-1, T-2, & T-3	EP-1	TB-1	WB-1
104 - MEN'S RESTROOM	T-1, T-2, & T-3	EP-1	TB-1	WB-1
105 - JANITOR'S CLOSET 1	P-9	EP-1	TB-1	WB-1
108 - PASSAGE	P-9	PC-1	TB-1	WB-2
109 - ACCESS ROOM	P-9	EP-1	TB-1	WB-1
110 - JANITOR'S CLOSET 2	P-9	EP-1	TB-1	WB-1
111 - WOMEN'S RESTROOM	T-1, T-2, & T-3	EP-1	TB-1 & GB-1	WB-1
201 - SECOND FLOOR	UNFINISHED	UNFINISHED	TB-1, UNFINISHED	N/A

N/A = NOT APPLICABLE

REFERENCE DRAWING: BCR-A-62



ADDENDUM No. 3

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE STATE EDUCATION LAW.

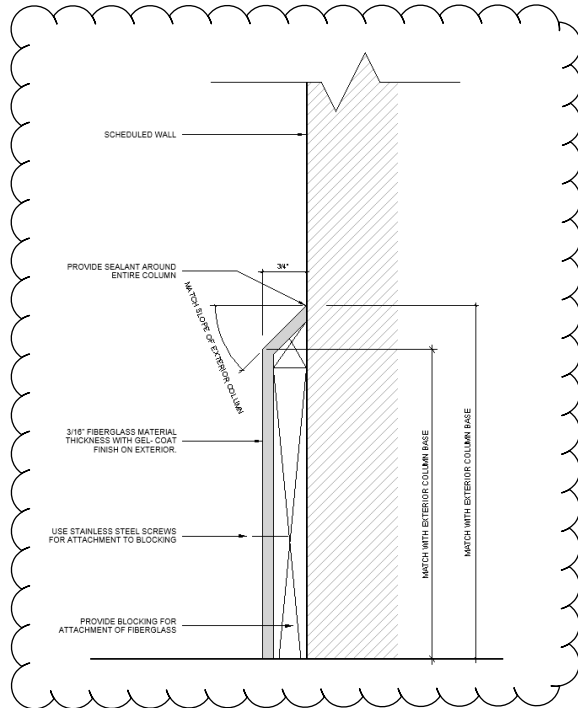
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION 2
PLAYLAND PARK, RYE NY

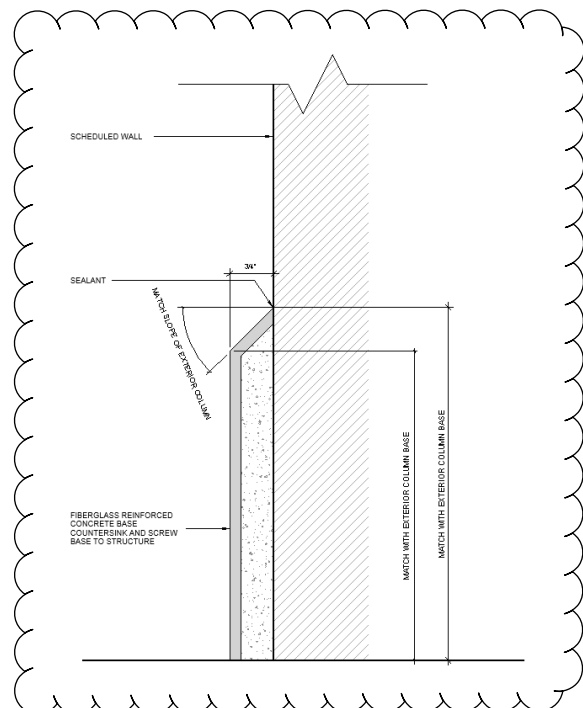
CONTRACT No. 20-530
 SHEET No. 1 OF 1
 DATE: June 29, 2021
 NOT TO SCALE
 DRAWING No.

AD-A-06

Insert:



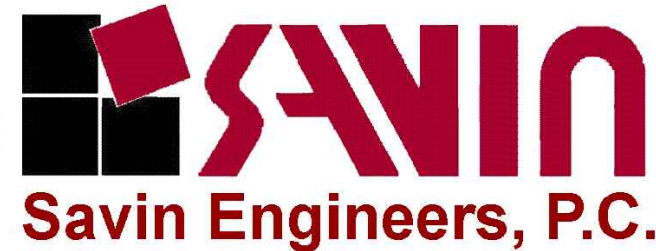
⑥ **WB-2 FIBERGLASS BASE DETAIL (INTERIOR)**
N.T.S.



⑦ **WB-2 FIBERGLASS BASE DETAIL (EXTERIOR)**
N.T.S.

REFERENCE DRAWING: BCR-A-51

Drawing Name: G:\Savin\Autocad\2060\25-Playland-Mega-2\1\COE-1006.dwg
Project Name: Playland Mega-2
Comments: All inquiries regarding this drawing(s) or project should be directed to the Project Engineer, David G. Savin, at dsavin@savineng.com or 914-261-1006.
Printed On: 07/02/2021 10:00 AM
Plotter: HP DesignJet T1100
Scale: 1/8" = 1'-0"

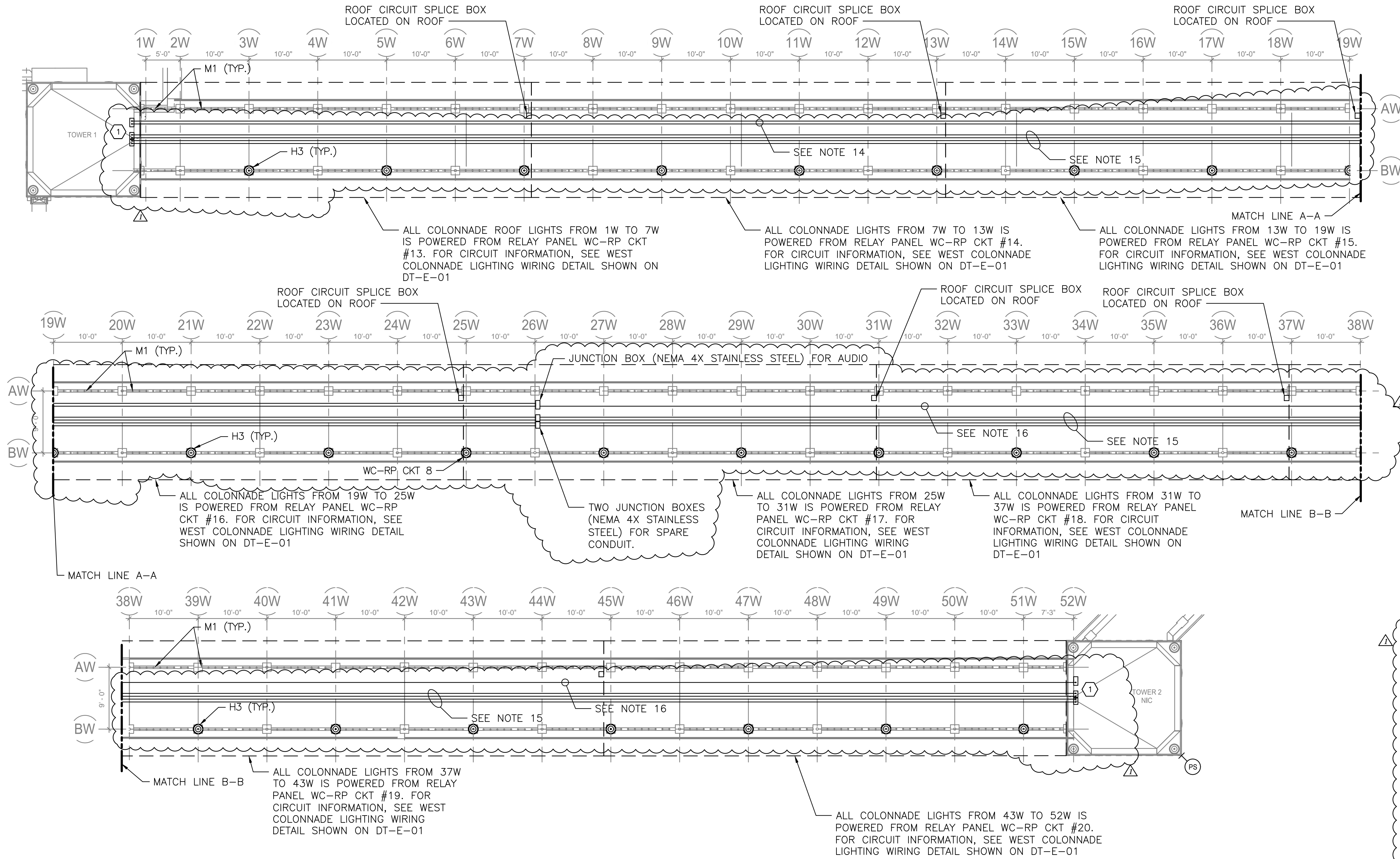


REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
1	07/02/2021	RKC	DF	BID ADDENDUM #3

RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED		<input type="checkbox"/> AS BUILT - NO CHANGES	
CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
TITLE	DATE	TITLE	DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING
INFRASTRUCTURE REHABILITATION - PHASE 2
PLAYLAND PARK, RYE, NEW YORK
COLONNADE RECONSTRUCTION
WEST COLONNADE ROOF LIGHTING PLAN

CONTRACT NUMBER	SHEET NUMBER
20-530	AD-COL-E-05
DWG NO.: Page 67 of 290	
SCALE: AS SHOWN	
DATE: MAY 26, 2021	
DPW FILE NUMBER	REV. NO.
1-118-E-454	0



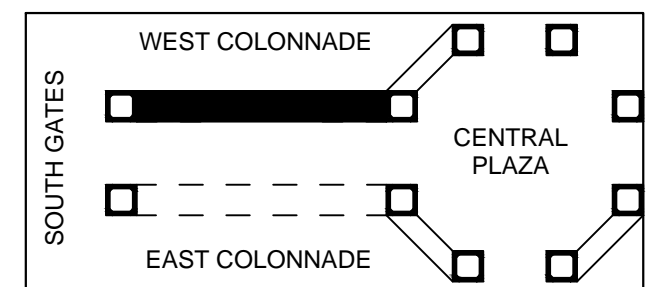
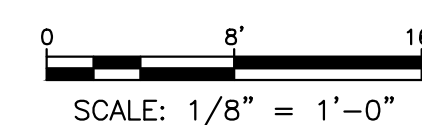
WEST COLONNADE — ROOF PLAN
SCALE: 1/8" = 1'-0"

NOTES:

- FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
- BEFORE ANY LIGHT FIXTURES AND/OR CONTROLS ARE PURCHASED, CONTRACTOR SHALL SUBMIT, FOR APPROVAL BY THE ENGINEER, A COMPLETE SET OF DRAWINGS SHOWING ALL CONTROL COMPONENTS AND WIRING DIAGRAMS.
- FOR ADDITIONAL INFORMATION, SEE LIGHTING FIXTURE SCHEDULE ON DRAWING GE-E-03 AND PANEL SCHEDULE ON DRAWING COL-E-11.
- NEW CABLE AND CONDUIT SHALL BE INSTALLED CONCEALED.
- REFER TO DRAWING COL-E-02 FOR ONE LINE DIAGRAM.
- REFER TO DRAWING COL-E-01 FOR SITE PLAN.
- NUMBER DESIGNATIONS NEXT TO FIXTURES AND/OR CONTROLS INDICATE CIRCUIT NUMBERS ASSOCIATED WITH RELAY PANEL.
- ALL LIGHTING CONTROL COMPONENTS SHALL BE FROM A SINGLE MANUFACTURER, AND MUST BE FROM THE SAME MANUFACTURER AS ALL BUILDINGS WITHIN THE CONTRACT. EQUIPMENT INCLUDES BUT NOT LIMITED TO OCCUPANCY SENSOR, RELAY/POWER PACKS, SWITCHES, RELAY PANELS, PHOTOSENSOR, ETC.
- LIGHTING CONTROLS SELECTED SHALL HAVE THE CAPABILITY TO BE CONNECTED TO A MASTER HEAD-END SYSTEM (FUTURE CONTRACT).
- ALL OUTDOOR LIGHTING SHALL BE POWERED VIA RELAY PANEL WC-RP AS INDICATED ON THE DRAWINGS. RELAY PANEL SHALL BE EQUIPPED WITH BOTH A BUILT-IN TIME CLOCK AND A PHOTOSENSOR CONTROL. EACH RELAY SHALL BE ACUITY BRANDS: ARP-INTENC08NLT-32SR-MVOLT-1VB-HLK-SM-DTC OR APPROVED EQUAL.
- PHOTOCELL SHALL BE SUITABLE FOR OUTDOOR APPLICATIONS AND SHALL BE ACUITY BRANDS: LSA-APS-OL OR APPROVED EQUAL. FINAL LOCATION OF PHOTOCELL SHALL BE DETERMINED DURING CONSTRUCTION BY THE LIGHTING MANUFACTURER.
- SEE DRAWING DT-E-01 FOR WEST COLONNADE WIRING DETAIL.
- ALL LIGHTING SPLICE BOXES SHALL BE NEMA 4X TYPE 316 STAINLESS STEEL.
- CONTRACTOR SHALL INSTALL 2" RIGID GALVANIZED STEEL CONDUITS (WITH INTERNAL PULL ROPE) FOR FUTURE AUDIO USE.
- CONTRACTOR SHALL INSTALL 4-2" RIGID GALVANIZED STEEL CONDUITS WITH INTERNAL PULL ROPE FOR FUTURE USE. TERMINATE BOTH CONDUITS IN A NEMA 4X JUNCTION BOX (STAINLESS STEEL) AT EACH END (TOWER ATTIC LOCATIONS). (SEE KEY NOTE 1).
- INSTALL 1-2" RIGID GALVANIZED STEEL CONDUIT WITH INTEGRAL PULL ROPE FOR FUTURE AUDIO USE.

KEY NOTES:

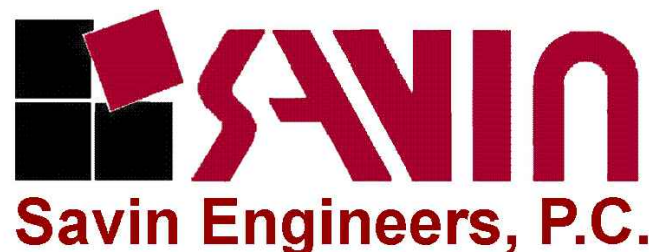
- ① STUB AND CAP CONDUIT 6" INTO ATTIC SPACE FOR FUTURE USE. PROVIDE WATERTIGHT SEAL FOR ALL CONDUIT PENETRATIONS.



KEY PLAN
KEY MAP

Drawing Name: G:\Savin\Autocad\2060\25-Playland-Mega-2\1\COE-1011.dwg
Project Name: Playland Mega-2
Comments: All inquiries regarding this drawing(s) or project should be directed to the Project Engineer, David G. Savin, at dsavin@savineng.com or 914-231-1011.
Printed On: 07/02/2021 10:00 AM
Plotter: HP DesignJet T1100e
Scale: 1/8" = 1'-0"

CONSULTANT
INFORMATION



CONSULTANT SEAL



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
1	07/02/2021	RKC	DF	BID ADDENDUM #3

RECORD DRAWING CERTIFICATION

☐ AS BUILT - CHANGES AS NOTED

☐ AS BUILT - NO CHANGES

CONTRACTOR

NAME _____
SIGNATURE _____
TITLE _____

PROJECT COORDINATOR

NAME _____
SIGNATURE _____
TITLE _____

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION - PHASE 2
PLAYLAND PARK, RYE, NEW YORK
COLONNADE RECONSTRUCTION
EAST COLONNADE ROOF LIGHTING PLAN

CONTRACT
NUMBER

20-530

SHEET
NUMBER

AD-COL-E-09

DWG NO.: Page 71 of 290

SCALE: AS SHOWN

DATE: MAY 26, 2021

DPW FILE NUMBER 1-118-E-458

REV. NO. 0

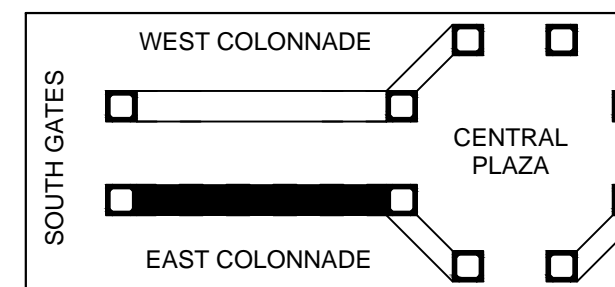
NOTES:

- FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
- BEFORE ANY LIGHT FIXTURES AND/OR CONTROLS ARE PURCHASED, CONTRACTOR SHALL SUBMIT, FOR APPROVAL BY THE ENGINEER, A COMPLETE SET OF DRAWINGS SHOWING ALL CONTROL COMPONENTS AND WIRING DIAGRAMS.
- FOR ADDITIONAL INFORMATION, SEE LIGHTING FIXTURE SCHEDULE ON DRAWING GE-E-03 AND PANEL SCHEDULE ON DRAWING COL-E-11.
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- REFER TO DRAWING COL-E-02 FOR ONE LINE DIAGRAM.
- REFER TO DRAWING COL-E-01 FOR SITE PLAN.
- NUMBER DESIGNATIONS NEXT TO FIXTURES AND/OR CONTROLS INDICATE CIRCUIT NUMBERS ASSOCIATED WITH RELAY PANEL.
- ALL LIGHTING CONTROL COMPONENTS SHALL BE FROM A SINGLE MANUFACTURER, AND MUST BE FROM THE SAME MANUFACTURER AS ALL BUILDINGS WITHIN THE CONTRACT. EQUIPMENT INCLUDES BUT NOT LIMITED TO OCCUPANCY SENSOR, RELAY/POWER PACKS, SWITCHES, RELAY PANELS, PHOTOSENSOR, ETC.
- LIGHTING CONTROLS SELECTED SHALL HAVE THE CAPABILITY TO BE CONNECTED TO A MASTER HEAD-END SYSTEM (FUTURE CONTRACT).
- ALL OUTDOOR LIGHTING SHALL BE POWERED VIA RELAY PANEL WC-RP AS INDICATED ON THE DRAWINGS. RELAY PANEL SHALL BE EQUIPPED WITH BOTH A BUILT-IN TIME CLOCK AND A PHOTOSENSOR CONTROL. EACH RELAY SHALL BE ACQUITY BRANDS: ARP-INTENC08NLT-32SR-MVOLT-1VB-HLK-SM-DTC OR APPROVED EQUAL.
- PHOTOCELL SHALL BE SUITABLE FOR OUTDOOR APPLICATIONS AND SHALL BE ACQUITY BRANDS: LSA-APS-OL OR APPROVED EQUAL. FINAL LOCATION OF PHOTOCELL SHALL BE DETERMINED DURING CONSTRUCTION BY THE LIGHTING MANUFACTURER.
- SEE DRAWING DT-E-01 FOR EAST COLONNADE WIRING DETAIL.
- ALL LIGHTING SPLICE BOXES SHALL BE NEMA 4X TYPE 316 STAINLESS STEEL.
- CONTRACTOR SHALL INSTALL 1-2" RIGID GALVANIZED STEEL CONDUIT (WITH INTERNAL PULL ROPE) FOR FUTURE AUDIO USE.
- CONTRACTOR SHALL INSTALL 4-2" RIGID GALVANIZED STEEL CONDUITS WITH INTERNAL PULL ROPE FOR FUTURE USE. TERMINATE CONDUITS AS SHOWN.
- INSTALL 2-2" RIGID GALVANIZED STEEL CONDUITS WITH INTERNAL PULL ROPE FOR FUTURE AUDIO USE. CONTRACTOR IS ADVISED, ONE CONDUIT SHALL RUN CONCEALED DOWN A SUPPORT POST AND RUN UNDERGROUND TO NEW HANDHOLE AS SHOWN. PLACE NEW HANDHOLE 6' OUT FROM THE SUPPORT COLUMN. TERMINATE CONDUIT IN HANDHOLE. CONDUIT SHALL RUN UNDERGROUND AT 24" MINIMUM.

KEY NOTES:

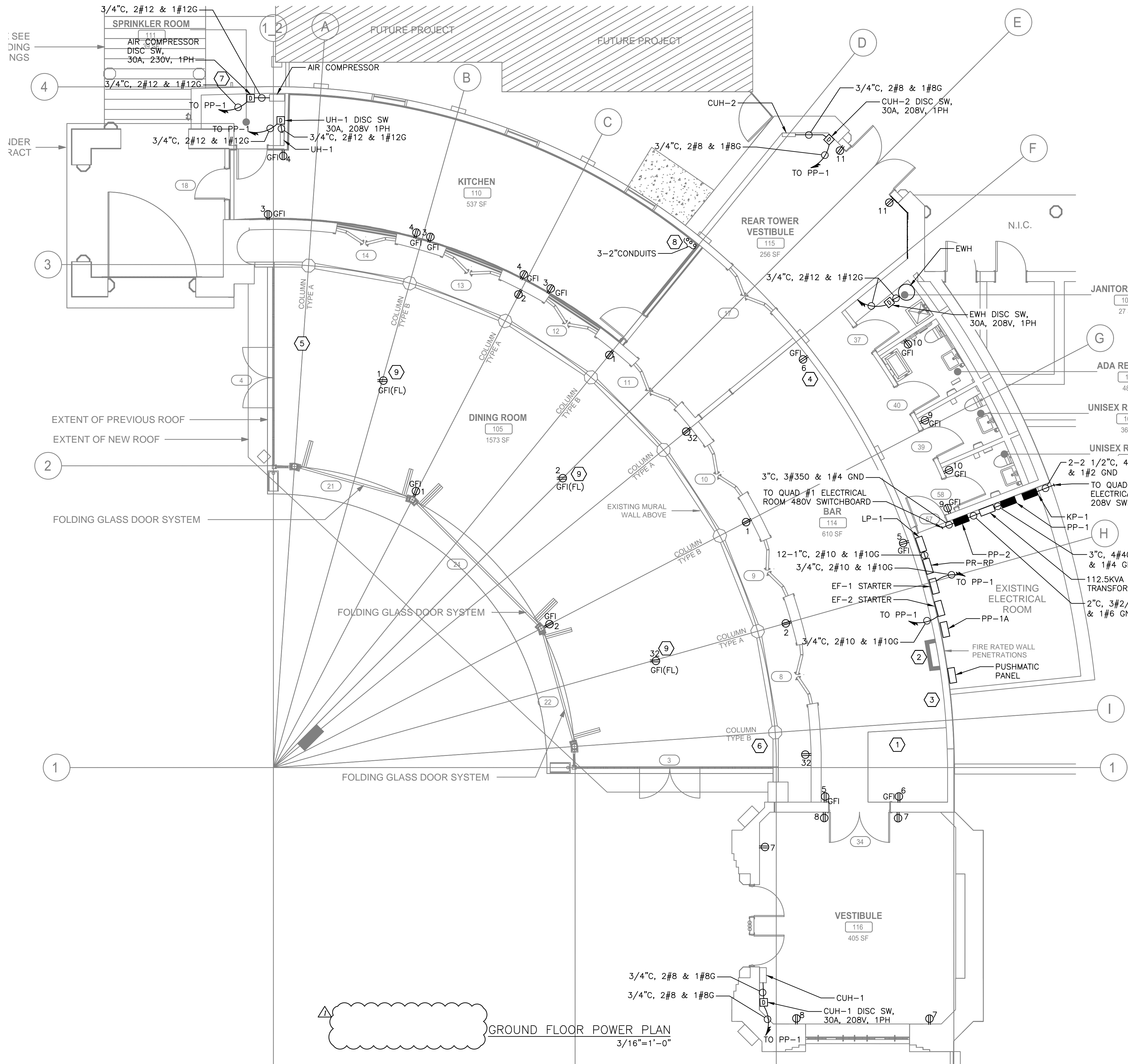
- ① STUB AND CAP CONDUIT 6" INTO THE ATTIC SPACE FOR FUTURE USE. PROVIDE WATERTIGHT SEAL FOR ALL CONDUIT PENETRATIONS.

0 8' 16'
SCALE: 1/8" = 1'-0"



KEY MAP



Drawing Name: G:\Savin\Autocad\2060\25-Playland-Mega-2\1\PRE-1001.dwg
Created by: David G. Fredricks
Printed by: David G. Fredricks
Date: 2 July 2021 10:40 AM
Designed by: David G. Fredricks
Xrefs: [TB-24X36_WestchesterCo_3.dwg] [TS6-SVLOGO.dwg] [PR-A-11.dwg] [PR-E-1001.dwg]



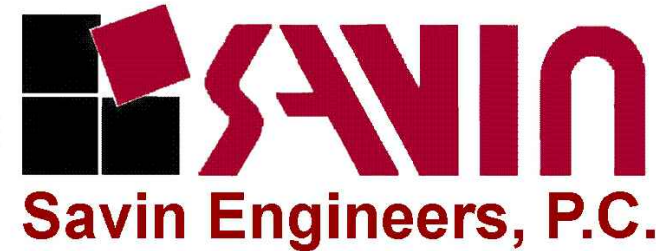
- NOTES:**
- FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
 - ALL RECEPTACLES DESIGNATORS ARE POWERED VIA PANEL PP-1, UNLESS OTHERWISE NOTED.
 - ALL CIRCUITS SHOWN ON THE DRAWING BUT NOT SPECIFICALLY CALLED OUT ON THE CABLE AND CONDUIT SCHEDULE SHALL BE 3/4" CONDUIT 2#12, 1#12G AWG.
 - ALL HVAC LOW VOLTAGE WIRING SHALL BE PERFORMED BY THE HVAC CONTRACTOR, INCLUDING BUT NOT LIMITED TO LOW VOLTAGE THERMOSTAT WIRING.
 - EXHAUST FAN STARTERS SHALL BE FURNISHED BY THE EXHAUST FAN MANUFACTURER. FOR EXHAUST FAN STARTER REQUIREMENTS, SEE HVAC CONTRACT DRAWINGS AND SPECIFICATIONS.
 - DISCONNECT SWITCHES OUTDOORS, IN RESTROOMS AND/OR IN JANITORS CLOSETS SHALL BE IN A NEMA 3R ENCLOSURE.
 - FOR PANEL SCHEDULE, SEE DRAWINGS PR-E-11 AND PR-E-12.

- KEY NOTES:**
- CONTRACTOR SHALL SPLICE AND EXTEND THE CIRCUITS FROM EXISTING DEC LIGHTING PANEL TO LP-1 LIGHTING PANEL LOCATED IN EXISTING ELECTRICAL ROOM. ASSUME 8-3/4" WITH 2#10 AND 1#10 GND EACH. FOR MORE INFORMATION, SEE PANEL SCHEDULE LP-1 ON DRAWING PR-E-12.
 - FOR AESTHETICS ALL CONDUIT EXITING THE ELECTRICAL ROOM SHALL BE INSTALLED IN THE SHADE (SEE ARCHITECTURAL DRAWINGS FOR DETAILS).
 - CONTRACTOR SHALL SPLICE AND EXTEND THE CIRCUITS FROM KITCHEN PANEL 2 TO PP-1A PANEL LOCATED IN EXISTING ELECTRICAL ROOM. ASSUME 6-3/4" WITH 2#10 AND 1#10 GND EACH. FOR MORE INFORMATION, SEE PANEL SCHEDULE PP-1A ON PR-E-11.
 - CONTRACTOR SHALL SPLICE AND EXTEND THE CIRCUITS FROM EXISTING KITCHEN PANEL 1 TO PP-1A PANEL LOCATED IN EXISTING ELECTRICAL ROOM. ASSUME 16-3/4" WITH 2#10 AND 1#10 GND EACH. FOR MORE INFORMATION, SEE PANEL SCHEDULE PP-1A ON PR-E-11.
 - CONTRACTOR SHALL SPLICE AND EXTEND THE CIRCUITS FROM EXISTING TICKET BOOTH PANEL TO PP-1A PANEL LOCATED IN EXISTING ELECTRICAL ROOM. ASSUME 5-3/4" WITH 2#10 AND 1#10 GND EACH. FOR MORE INFORMATION, SEE PANEL SCHEDULE PP-1A ON PR-E-11.
 - CONTRACTOR SHALL RELOCATE THE EXISTING PUSHMATIC PANEL TO EXISTING ELECTRICAL ROOM. SPLICE AND EXTEND EXISTING BRANCH CIRCUITRY AS REQUIRED. NEW POWER SHALL BE FROM PANEL PP-1A, ASSUME 1 1/2", 3#2 & 1#6G.
 - EXISTING COMMUNICATION BOX SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. CONTRACTOR SHALL PROTECT AND SUPPORT EXISTING DEVICE AND ASSOCIATED CABLE AND CONDUIT DURING CONSTRUCTION.
 - PROVIDE CONDUIT WITH PULL ROPE FOR FUTURE USE. CONDUIT SHALL RUN IN FLOOR SLAB TO NEW ELECTRICAL ROOM. STUB AND CAP CONDUIT 6" AFF. CONDUIT SHALL TERMINATE IN PANEL PP-1.
 - CONTRACTOR SHALL PROVIDE FLUSH MOUNTED ELECTRICAL FLOOR BOXES FOR RECEPTACLES. INSTALL ALL CONDUIT IN FLOOR SLAB.

0 4' 8'
SCALE: 3/16" = 1'-0"

<div>CONSULTANT INFORMATION</div> <div></div>		<div>CONSULTANT SEAL</div> <div></div>							<div>RECORD DRAWING CERTIFICATION</div> <div><input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES</div>				<div>WESTCHESTER COUNTY, NEW YORK</div> <div>DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION</div> <div>DIVISION OF ENGINEERING</div>				<div>CONTRACT NUMBER</div> <div>20-530</div>	<div>SHEET NUMBER</div> <div>AD-PR-E-07</div>	
										<div>CONTRACTOR</div> <div>NAME _____</div> <div>SIGNATURE _____</div> <div>TITLE _____ DATE _____</div>		<div>PROJECT COORDINATOR</div> <div>NAME _____</div> <div>SIGNATURE _____</div> <div>TITLE _____ DATE _____</div>		<div>INFRASTRUCTURE REHABILITATION - PHASE 2</div> <div>PLAYLAND PARK, RYE, NEW YORK</div> <div>PLAZA RESTAURANT</div> <div>GROUND FLOOR POWER PLAN</div>				<div>DWG NO.:</div> <div>AS 162 of 290</div>	<div>SCALE:</div> <div>AS SHOWN</div>
				1	07/02/2021	RKC	DF	BID ADDENDUM #3								<div>DATE:</div> <div>MAY 26, 2021</div>	<div>DPW FILE NUMBER</div> <div>1-118-E-549</div>	<div>REV. NO.</div> <div>0</div>	
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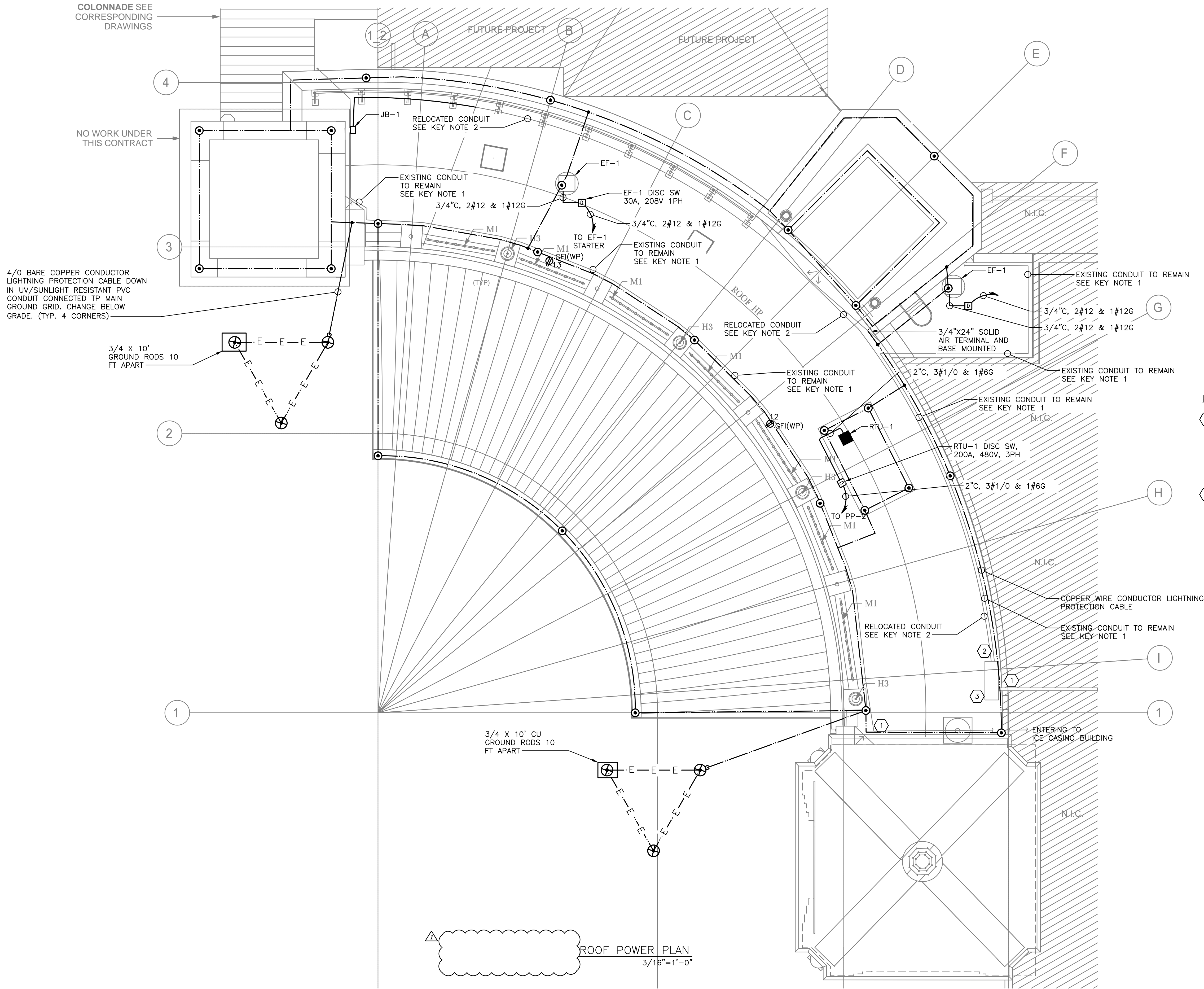
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REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
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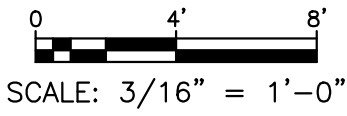
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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____		
SIGNATURE _____	SIGNATURE _____		
TITLE _____	TITLE _____		
DATE _____	DATE _____		

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING	
INFRASTRUCTURE REHABILITATION - PHASE 2 PLAYLAND PARK, RYE, NEW YORK PLAZA RESTAURANT ROOF POWER PLAN	
CONTRACT NUMBER 20-530	SHEET NUMBER AD-PR-E-08
DWG NO.: Page 163 of 290	
SCALE: AS SHOWN	
DATE: MAY 26, 2021	
DPW FILE NUMBER 1-118-E-550	REV. NO. 0

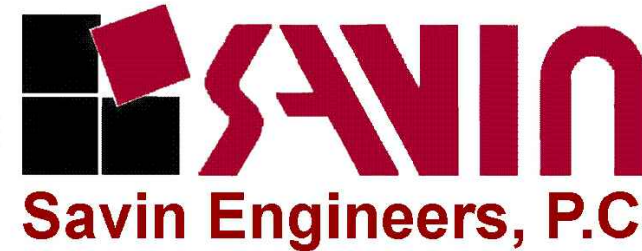


- NOTES:**
1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
 2. LIGHTNING PROTECTION SYSTEM SHALL BE DESIGNED BY A CERTIFIED LIGHTNING PROTECTION SYSTEM DESIGNER/INSTALLER. DRAWINGS ARE PROVIDED FOR BIDDING PURPOSES ONLY.
 3. CONTRACTOR SHALL PROVIDE UL96A MASTER LABEL FOR ENTIRE LPS SYSTEM.
 4. ALL CONDUITS SHOWN ON DRAWINGS ARE SHOWN DIAGRAMMATICALLY. CONTRACTOR SHALL FINALIZE ROUTING IN THE FIELD.
 5. ALL RECEPTACLES SHALL HOMERUN TO PANEL PP-1, UNLESS OTHERWISE NOTED.
 6. ALL HVAC LOW VOLTAGE WIRING SHALL BE PERFORMED BY THE HVAC CONTRACTOR, INCLUDING BUT NOT LIMITED TO LOW VOLTAGE THERMOSTATIC WIRING.
 7. ALL CIRCUITS SHOWN ON THE DRAWING BUT NOT SPECIFICALLY CALLED OUT ON THE CABLE & CONDUIT SCHEDULE SHALL BE 3/4" CONDUIT WITH 2#12 & 1#12G AWG. CIRCUITS SHALL INCLUDE BUT ARE NOT LIMITED TO RECEPTACLES.
 8. EXHAUST FAN STARTERS SHALL BE FURNISHED BY THE EXHAUST FAN MANUFACTURER. FOR EXHAUST FAN STARTER REQUIREMENTS, SEE HVAC CONTRACT DRAWINGS AND SPECIFICATIONS.
 9. DISCONNECT SWITCHES OUTDOORS, IN RESTROOMS AND/OR IN JANITORS CLOSETS SHALL BE IN A NEMA 3R ENCLOSURE.
 10. FOR PANEL SCHEDULE, SEE DRAWINGS PR-E-11 AND PR-E-12.

- KEY NOTES:**
- 1 EXISTING CONDUIT TO REMAIN. CONTRACTOR SHALL TEMPORARILY SUPPORT THE CONDUIT DURING CONSTRUCTION AND REINSTALL WHEN THE ROOF WORK IS DONE. ASSUME 1" CONDUIT WITH 3#10 AND 1#10 GROUND.
 - RELOCATED CONDUIT.
 - 3 RELOCATED PULL BOX

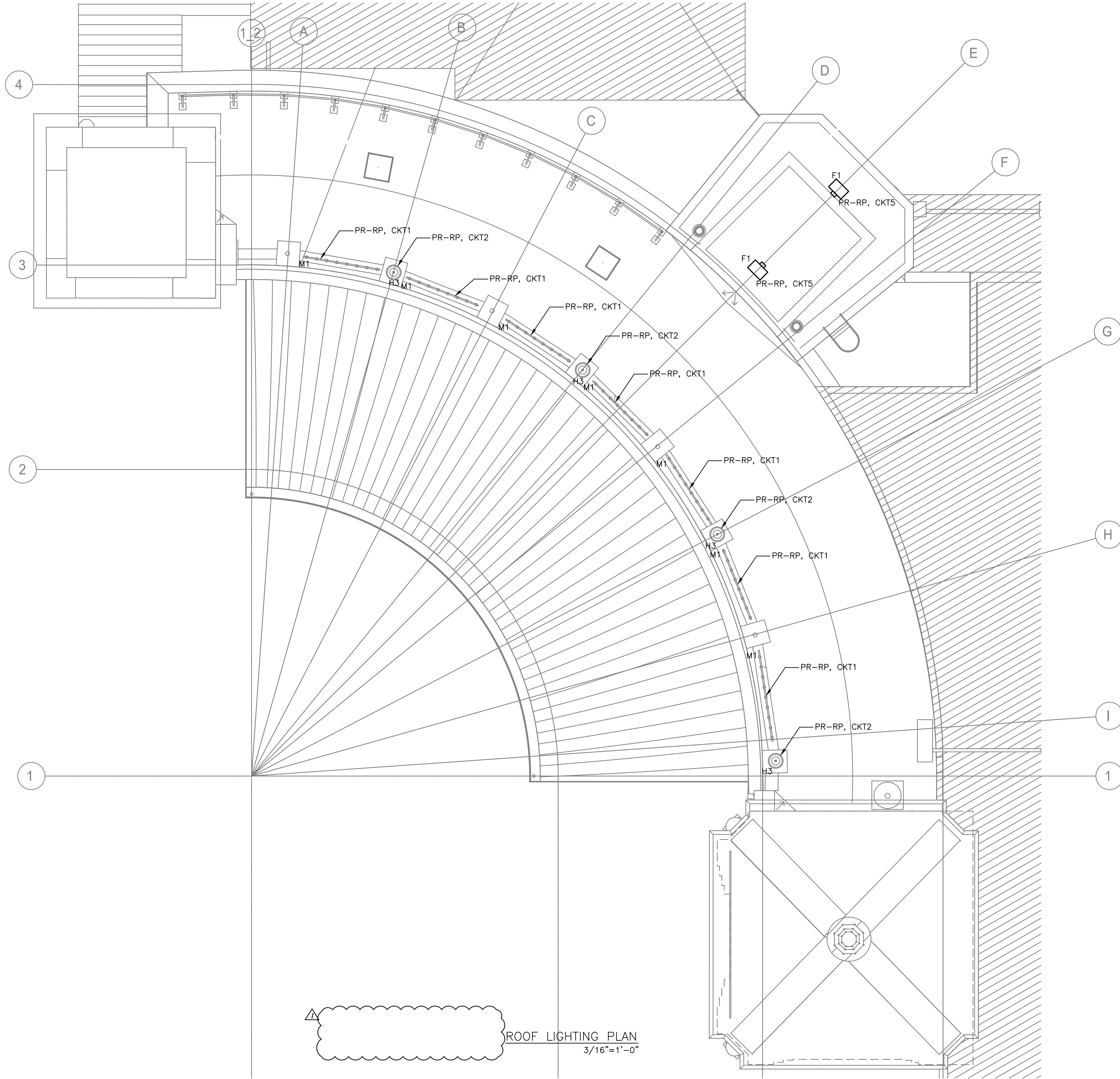


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REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
1	07/02/2021	RKC	DF	BID ADDENDUM #3

ROOF LIGHTING PLAN
3/16"=1'-0"



NOTES:

1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
2. ALL EXTERIOR LIGHTING SHALL BE CIRCUITED TO RELAY PANEL PR-RP. CONTRACTOR SHALL CIRCUIT LIGHTING FIXTURES WITH 3/4" CONDUIT, WITH 2#10 & 1#10G AWG, UNLESS NOTED OTHERWISE. CONTRACTOR SHALL DAISY-CHAIN ALL EXTERIOR LIGHT FIXTURES WITH SAME CIRCUIT NUMBER BACK TO LIGHTING PANEL PR-RP.
3. FOR ADDITIONAL INFORMATION, SEE LIGHTING FIXTURE SCHEDULE ON DRAWING GE-E-03 AND PANEL SCHEDULE ON DWG PR-E-12.
4. ALL OUTDOOR LIGHTING SHALL BE POWERED VIA RELAY PANEL PR-RP AS INDICATED ON THE DRAWINGS. RELAY PANEL SHALL BE EQUIPPED WITH BOTH A BUILT-IN TIME CLOCK AND A PHOTOSENSOR CONTROL. EACH RELAY SHALL BE ACUITY BRANDS: ARP-INTENC08NLT-16SR-MVOLT-1VB-HLK-SM-DTC-OR APPROVED EQUAL.

0 4' 8'
SCALE: 3/16" = 1'-0"

CONSULTANT INFORMATION

CONSULTANT SEAL

RECORD DRAWING CERTIFICATION

☐ AS BUILT - CHANGES AS NOTED ☐ AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION - PHASE 2
PLAYLAND PARK, RYE, NEW YORK
PLAZA RESTAURANT
ROOF LIGHTING PLAN

CONTRACT NUMBER	SHEET NUMBER
20-530	AD-PR-E-10
DWG NO.: Page 165 of 290	
SCALE: AS SHOWN	
DATE: MAY 26, 2021	
DPW FILE NUMBER	REV. NO.
1-118-E-552	0

GRADE

4'-0"

2'-0"

1'-6"

6"

EXISTING UTILITY LINE TO REMAIN AND BE PROTECTED.

3"

1

1

BEAM REINFORCING

CONTINUE BEAM REINFORCING THROUGH OFFSET

LAP LENGTH, AS REQUIRED (TYP.)

NOTE:
1. CONTRACTOR TO INCLUDE IN HIS BID THE WORK SHOWN, AT FIVE (5) LOCATIONS.

NOTE:
1. CONTRACTOR TO INCLUDE IN HIS BID THE WORK SHOWN, AT FIVE (5) LOCATIONS.

ADDENDUM NO. 3



NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

STRUCTURAL DETAIL

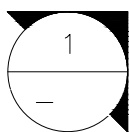
1 PLAYLAND PKWY
RYE, NEW YORK 10580

DRAWING NO.
AD-COL-S-01

Ø COLUMN

9 5/8"Ø 30-TON
MICROPILE (TYP.)

EXISTING UTILITY LINE
TO REMAIN AND BE
PROTECTED. (TYP.)



C
COL-S-16

Ø PILE

Ø COLUMN

1'-6"
TYP.

1'-5"
MIN.
(TYP.)

1'-6"
TYP.

NOTE:

1. CONTRACTOR TO INCLUDE IN HIS
BID THE WORK SHOWN, AT TWO (2)
LOCATIONS.

REFERENCE DRAWING: COL-S-19

ADDENDUM NO. 3

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING

CONTRACT
NUMBER : 20-530

SHEET NO. 1 OF 1

DATE: 07/02/2021

SCALE: AS SHOWN

DRAWING NO.

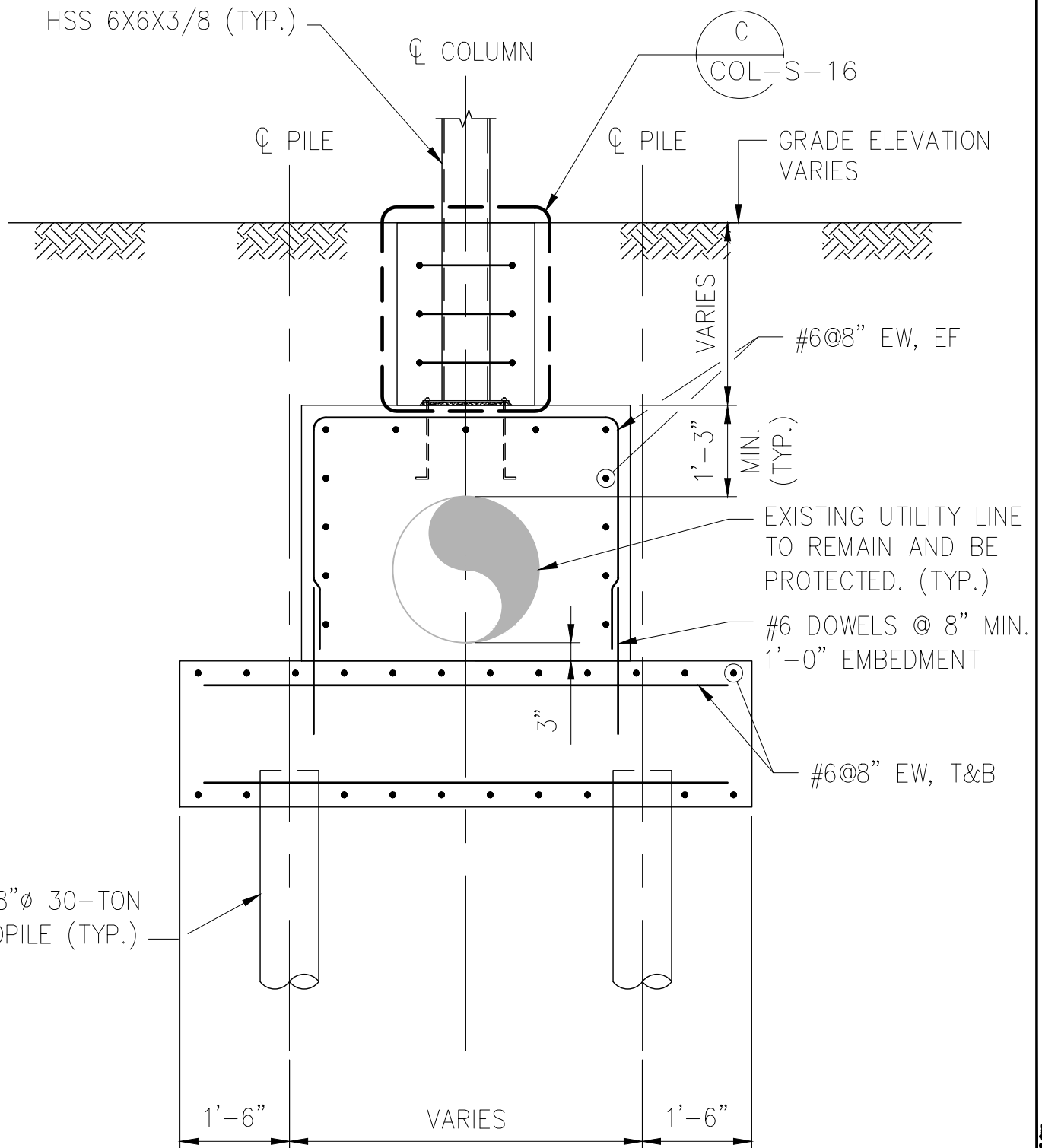
AD-COL-S-02



NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION
7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

STRUCTURAL DETAIL

1 PLAYLAND PKWY
RYE, NEW YORK 10580



REFERENCE DRAWING: COL-S-19

ADDENDUM NO. 3

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING

CONTRACT
NUMBER : 20-530

SHEET NO. 1 OF 1

DATE: 07/02/2021
SCALE: AS SHOWN

DRAWING NO.
AD-COL-S-03



NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

STRUCTURAL SECTION

1 PLAYLAND PKWY
RYE, NEW YORK 10580

SECTION 05 52 13 - PIPE AND TUBE RAILINGS

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Stainless-steel pipe and tube railings.

1.2 ACTION SUBMITTALS

- A. Product Data: For the following:
 - 1. Manufacturer's product lines of mechanically connected railings.
 - 2. Railing brackets.
 - 3. Grout, anchoring cement, and paint products.
- B. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work.
- C. Samples: Submit samples for each type of exposed finish and color approved by Architect. Finish and color to be selected from full range.

1.3 INFORMATIONAL SUBMITTALS

- A. Product Test Reports: For pipe and tube railings, for tests performed by a qualified testing agency, according to ASTM E894 and ASTM E935.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Stainless-Steel Pipe and Tube Railings:
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. Blum, Julius & Co., Inc.
 - b. Tri Tech, Inc.
 - c. VIVA Railings, LLC.

2.2 PERFORMANCE REQUIREMENTS

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

CONTRACT No. 20-530
DIVISION 5 – METALS

1. Handrails and Top Rails of Guards:

- a. Uniform load of 50 lbf/ ft. (0.73 kN/m) applied in any direction.
- b. Concentrated load of 200 lbf (0.89 kN) applied in any direction.
- c. Uniform and concentrated loads need not be assumed to act concurrently.

2. Infill of Guards:

- a. Concentrated load of 50 lbf (0.22 kN) applied horizontally on an area of 1 sq. ft. (0.093 sq. m).
- b. Infill load and other loads need not be assumed to act concurrently.

2.3 METALS, GENERAL

- A. Brackets, Flanges, and Anchors: Cast or formed metal of same type of material and finish as supported rails unless otherwise indicated.

- 1. Provide type of bracket with flange tapped for concealed anchorage to threaded hanger bolt, predrilled hole for exposed bolt anchorage and that provides 1-1/2-inch (38-mm) clearance from inside face of handrail to finished wall surface.

2.4 STAINLESS STEEL

- A. Tubing: ASTM A554, Grade MT 316L.
- B. Pipe: ASTM A312/A312M, Grade TP 316L.
- C. Castings: ASTM A743/A743M, Grade CF 8 or CF 20 or Grade CF 8M or CF 3M.
- D. Plate and Sheet: ASTM A240/A240M or ASTM A666, Type 316.

2.5 FASTENERS

- A. General: Provide the following:
- 1. Stainless-Steel Railings: Type 316 stainless-steel fasteners.
 - 2. Material for Exterior Locations and Where Stainless Steel Is Indicated: Alloy Group 2 (A4) stainless-steel bolts, ASTM F593 (ASTM F738M), and nuts, ASTM F594 (ASTM F836M).

2.6 MISCELLANEOUS MATERIALS

- A. Welding Rods and Bare Electrodes: Select according to AWS specifications for metal alloy welded.
- B. Nonshrink, Nonmetallic Grout: Factory-packaged, nonstaining, noncorrosive, nongaseous grout complying with ASTM C1107/C1107M. Provide grout specifically recommended by manufacturer for interior and exterior applications.

2.7 FABRICATION

- A. Cut, drill, and punch metals cleanly and accurately. Remove burrs and ease edges to a radius of approximately 1/32 inch (1 mm) unless otherwise indicated. Remove sharp or rough areas on exposed surfaces.
- B. Form work true to line and level with accurate angles and surfaces.
- C. Welded Connections: Cope components at connections to provide close fit, or use fittings designed for this purpose. Weld all around at connections, including at fittings.
 - 1. Use materials and methods that minimize distortion and develop strength and corrosion resistance of base metals.
 - 2. Obtain fusion without undercut or overlap.
 - 3. Remove flux immediately.
 - 4. At exposed connections, finish exposed surfaces smooth and blended so no roughness shows after finishing and welded surface matches contours of adjoining surfaces.
- D. Nonwelded Connections: Connect members with concealed mechanical fasteners and fittings. Fabricate members and fittings to produce flush, smooth, rigid, hairline joints.
- E. Form changes in direction by bending.
- F. For changes in direction made by bending, use jigs to produce uniform curvature for each repetitive configuration required. Maintain cross section of member throughout entire bend without buckling, twisting, cracking, or otherwise deforming exposed surfaces of components.
- G. Close exposed ends of railing members with prefabricated end fittings.
- H. Provide wall returns at ends of wall-mounted handrails unless otherwise indicated.
- I. Brackets, Flanges, Fittings, and Anchors: Provide wall brackets, flanges, miscellaneous fittings, and anchors to interconnect railing members to other work unless otherwise indicated.

2.8 STAINLESS-STEEL FINISHES

- A. Stainless Steel Tubing Finishes:
 - 1. Polished and Buffed Finish: 320-grit finish followed by buffing to match Architect's sample.
- B. Stainless Steel Sheet and Plate Finishes:
 - 1. Directional Satin Finish: ASTM A489/A480, No. 4.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

- A. Set railings accurately in location, alignment, and elevation; measured from established lines and levels and free of rack.
 - 1. Do not weld, cut, or abrade surfaces of railing components that are coated or finished after fabrication and that are intended for field connection by mechanical or other means without further cutting or fitting.
 - 2. Set posts plumb within a tolerance of 1/16 inch in 3 feet (2 mm in 1 m).
 - 3. Align rails so variations from level for horizontal members and variations from parallel with rake of steps and ramps for sloping members do not exceed 1/4 inch in 12 feet (6 mm in 3.5 m).
- B. Control of Corrosion: Prevent galvanic action and other forms of corrosion by insulating metals and other materials from direct contact with incompatible materials.
 - 1. Coat, with a heavy coat of bituminous paint, concealed surfaces of aluminum that are in contact with grout, concrete, masonry, wood, or dissimilar metals.

3.2 ANCHORING POSTS

- A. Use metal sleeves preset and anchored into concrete for installing posts. After posts are inserted into sleeves, fill annular space between post and sleeve with nonshrink, nonmetallic grout or anchoring cement, mixed and placed to comply with anchoring material manufacturer's written instructions.
- B. Anchor posts to metal surfaces with oval flanges, angle type, or floor type as required by conditions, connected to posts and to metal supporting members.

3.3 ATTACHING RAILINGS

- A. Attach railings to wall with wall brackets, except where end flanges are used. Locate brackets as indicated or, if not indicated, at spacing required to support structural loads.
- B. Secure wall brackets and railing end flanges to building construction as follows:
 - 1. For concrete and solid masonry anchorage, use drilled-in expansion shields and hanger or lag bolts.
 - 2. For hollow masonry anchorage, use toggle bolts.
 - 3. For wood stud partitions, use hanger or lag bolts set into studs or wood backing between studs. Coordinate with carpentry work to locate backing members.

END OF SECTION 055213

SECTION 32 33 00 - SITE FURNISHINGS

PART 1 - GENERAL

1.1 SUMMARY

- A. This section includes the following:
 - 1. Benches

1.2 QUALITY ASSURANCE

- A. Installer Qualification: An experienced installer who has completed installation of site furnishings and whose work has resulted in construction with a record of successful in-service performance.

1.3 SUBMITTALS

- A. Product Data: Include physical characteristics such as shape, dimensions and finish for each bench
- B. Shop Drawings: Provide installation details for each product.
- C. Samples for Verification: For the following product, show the color of the powder coat finish.
- D. Maintenance Data: For each product.
 - 1. Provide recommended methods for repairing damage and abrasions to the powder coat finish.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Store products in original undamaged packaging in a dry location until ready for installation.
- B. Handle powder coated products with care to prevent any damage to the finish.

1.5 WARRANTY

- A. All products shall be warrantied against defect in materials and/or workmanship as follows:
 - 1. Limited twenty-year warranty against structural failure of all steel bench frames or complete steel bench assemblies, table frames, litter receptacle frames, steel planters and all cast iron and aluminum bench supports.
 - 2. Limited five-year warranty against structural failure of wood slats.

PART 2 - PRODUCTS

CONTRACT No. 20-530
DIVISION 32 – EXTERIOR IMPROVEMENTS

2.1 ACCEPTABLE MANUFACTURERS

A. Provide products from the following manufacturer:

1. Victor Stanley, Inc.
Phone: 800-368-2573
Website: www.victorstanley.com
2. DuMor Inc.
138 Industrial Circle, Mifflintown, PA 17059; Phone: 800-598-4018
Website: www.dumor.com

2.2 BENCHES

1. Victor Stanley, Homestead Collection, Model 2
2. DuMor Model 79 Series
3. Or approved equal.

A. Materials:

1. Supports:
 - a. Supports shall be manufactured from 2" (2 3/8" OD) ASTM A513 schedule 40 steel tubing.
2. Seat assembly wood:
 - a. Seat slats shall be manufactured from 2" x 4" nominal Ipe wood slats.
3. Intermediate armrests:
 - a. Intermediate armrests shall be manufactured from 1/4" x 2" ASTM A36 carbon steel flat bar.
4. Anchoring:
 - a. Stainless steel expansion anchors (1/2" x 3 3/4") provided.

B. Dimensions

1. 6 foot bench
 - a. Overall: 71" long x 19 5/16" deep x 30" high

C. Finish:

1. Powder Coating
 - a. All parts are processed through an 8-stage iron phosphorous wash system.
 - b. Parts are coated with a zinc-rich epoxy primer to an AVERAGE of 4-5 mils.
 - c. Parts are then finished with a top coat of TGIC-polyester powder to an AVERAGE of 4-5 mils.
 - d. Powder is cured at the powder manufacturers specifications using combination of infrared and convection heat for approximately 20 minutes.
 - e. Finished parts shall comply with the following American Standard Test Method (ASTM) for coating and coating method: ASTM-D-523, ASTM-D-3363, ASTM-D-1737, ASTM-D-3359, ASTM-D-2794, ASTM-B-117 and ASTM-D-3451.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Handle and install benches according to manufacturer's recommendations and installation instructions.

END OF SECTION 32 33 00

SECTION 07 46 46 - FIBER-CEMENT SIDING

PART 1 GENERAL

1.1 GENERAL REQUIREMENTS

- A. Work of this Section, as shown or specified, shall be in accordance with the requirements of the Contract Documents.

1.2 SECTION INCLUDES

- A. Work of this Section includes all labor, materials, equipment, and services necessary to complete the fiber-cement siding as shown on the Drawings and specified herein, including, but not limited to, the following:
 - 1. Fiber cement panels and trim.
 - 2. Air infiltration barrier.
 - 3. Fasteners and accessories.

1.3 RELATED SECTIONS

- A. Rough Carpentry - Section 061000.
- B. Joint Sealants - Section 079200.

1.4 QUALITY ASSURANCE

- A. Qualifications of Installers: Use only personnel who are thoroughly trained and experienced in the skills required and completely familiar with the requirements established for this work.
- B. Mock-ups: Build mock-ups to verify selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for fabrication and installation. Build mock-ups for siding, including accessories, 4'-0" long x 5'-0" high; include outside corner on one end of mockup. Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.5 PERFORMANCE CRITERIA

- A. Structural Design: Panel system shall be capable of resisting a minimum positive and negative wind load of 30 psf (or greater if required by Code) with a deflection of L/360. Follow manufacturer's published loading tables.

1.6 SUBMITTALS

- A. Manufacturer's Data: Submit standard detail drawings and installation instructions for cement board. Include manufacturer's certification or other data substantiating that the materials and finishes comply with the requirements. Indicate by copy of transmittal that the Installer has received a copy of the installation instructions.

- B. Shop Drawings: Submit in sufficient detail to show fabrication, installation, anchorage, and interface of the work of this Section with the work of adjacent trades. Shop drawings shall indicate fastening details and panel layout.
- C. Samples: Submit three 6" x 6" samples of siding materials, complete with factory-applied finish, and full-size samples of fasteners.
- D. Engineering Data: Submit engineering and test data and tables showing performance characteristics of the panels for loads and deflections.

1.7 MATERIALS STORAGE

- A. Store materials in an area protected from the weather and other trades in a clean, dry, well-ventilated area. As soon as siding has been delivered and stored under cover, unwrap to allow for ventilation to prevent excessive water condensation.
- B. All materials shall be delivered and stored in their original packaging, bearing the manufacturer's name, related standards, and any other specification or reference accepted as standard.

1.8 COORDINATION

- A. Contractor must carefully coordinate his work with work of other trades that are penetrating through, or connecting to, the siding. Openings required in siding to accommodate penetrations must be neatly and accurately made in the shop prior to job site delivery.

1.9 WARRANTY

- A. Provide manufacturer's standard 30-year warranty for cementitious siding.

PART 2 PRODUCTS

2.1 MATERIALS

- A. Cementitious Siding Panels (Basis of Design): Provide fiber cement siding panels as manufactured by James Hardie Co., or approved equal; types as selected by the Architect.
- B. Composition: Portland cement, ground sand, cellulose fiber, select additives and water; panels shall contain no asbestos, glass fibers or formaldehyde, and shall comply with ASTM C 1186, Grade II, Type A.
 - 1. Flexural Strength (ASTM C 1185)
 - a. Along Direction of Sheet: 2500 psi.
 - b. Across Direction of Sheet: 1850 psi.
 - 2. Surface Burning Capabilities (ASTM E 136)
 - a. Flame Spread: 0.
 - b. Fuel Contributed: 0.

- c. Smoke Developed: 5.
 - 3. Thermal Resistance: Approximately R=0.51.
 - 4. Provide factory finish on siding using manufacturer's "Color Plus" system; provide custom color as selected by the Architect.
 - 5. Agency Approvals: Panels shall be recognized as exterior claddings by the following:
 - a. National Evaluation Service (NES), Inc., Report No. NER-405 (BOCA, ICBO, SBCCI).
 - b. U.S. Department of Housing and Urban Development Materials release 1263a.
 - c. CCMC Evaluation Report 12678-R.
 - C. Fasteners: Stainless steel siding nails, 0.093" shank, 2" long, 0.222" head.
 - D. Weather Barrier: James Hardie HardieWrap - Engineered for Climate and HardieWrap Flashing and Seam Tapes.
- 2.2 FINISHES
- A. Factory Primer: Provide factory applied universal primer.
 - 1. Primer: Factory applied sealer/primer by James Hardie. Apply flat sheen finishes to panels.
 - 2. Topcoat: Refer to Section 099100 and Exterior Finish Schedule.
 - B. Caulking: Provide ColorPlus caulking, OSI Pro-Series Quad Low VOC Advanced Formula Sealant; colors to match ColorPlus factory finishes of scheduled cementitious siding materials by James Hardie.
 - C. Touch-Up Material: ColorPlus Touch-Up Edge Coaters and pens; colors to match ColorPlus factory finishes of scheduled cementitious siding materials.

PART 3 EXECUTION

3.1 INSPECTION

- A. Examine the areas and conditions where fiber-cement siding is to be installed and correct any conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions are corrected to permit proper installation of the work.

3.2 PREPARATION OF SUBSTRATE

- A. Clean substrate of any projections and substances detrimental to siding work.
- B. Coordinate installation of cementitious siding with flashing and other adjoining work to ensure proper sequencing. Do not install siding until all penetrations have been installed and are securely fastened against movement.

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- C. Staple air infiltration barrier to substrate sheathing lapping 4" at ends and edges.

3.3 INSTALLATION

- A. General: Comply with instructions and recommendations of cementitious siding manufacturer, except to extent more stringent requirements are indicated.
 - 1. Cementitious siding must be applied in a workmanlike and watertight manner. Vertical lines shall be struck to provide quick and accurate alignment.
 - 2. Fasteners must penetrate through sheathing, into wood studs; drive the fastener until the head nearly touches the surface of the panel.
- B. Install accessories and trim as recommended by manufacturer.

END OF SECTION