		SUED FOR BIDDING	ADDENDUM 02	ADDENDUM 03	ADDENDUM 04
		/22 19	122	122	122
SHEET		/60/6	9/30/	0/14/	0/20
COVER SH	EET			~ ~	<u> </u>
CS	COVER SHEET	0	0	0	•
1	EXISTING CONDITIONS	•			
2	EXISTING CONDITIONS	•			
C1.1	LEGEND	•			
C1.3	OVERALL PLAN	•			
C2.1	DEMOLITION, EROSION, & SEDIMENT CONTROL PLAN 1 DEMOLITION, EROSION, & SEDIMENT CONTROL PLAN 2	0	•		
C3.1	GENERAL PLAN 1	0	•		
C3.2 C4.1	GRADING PLAN 1	0	•		
C4.2	GRADING PLAN 2	0	•		
C5.1 C5.2	DRAINAGE & UTILITY PLAN 1 DRAINAGE & UTILITY PLAN 2	0	•	•	
C6.1	DETAILS 1	•			
C6.2 C6.3	DETAILS 2 DETAILS 3	•	•		┝
C6.4	DETAILS 4	0	•		
C6.5	DETAILS 5 DETAILS 6	0	•		-
C6.7	DETAILS 7	0	•		
C6.8	DETAILS 8	0	•		\vdash
C6.10	DETAILS 10	0	•		
C6.11		0		•	
ANDSCAF	PE	•			
L1.0	LANDSCAPE PLAN 1	•			
L2.0 L3.0	LANDSCAPE PLAN 2	•			\vdash
STRUCTUF	RAL		1	1	
S0.0 S1.0	GENERAL NOTES - 1	•			-
S1.1	TYPICAL DETAILS - 2	•			
S1.2	TYPICAL DETAILS - 3	•			\vdash
S1.4	TYPICAL DETAILS - 5	•			
S2.0	FOUNDATION PLAN - ADMINISTRATION	•			
S3.0	LOW ROOF FRAMING PLAN - ADMINISTRATION	•			
S3.1	HIGH ROOF FRAMING PLAN - ADMINISTRATION	•			
	COLUMN SCHEDULE & BASE PLATE DETAILS	•			\vdash
S4.1	BRACING ELEVATIONS AND DETAILS	•			
S5.0 S6.0	FOUNDATION SECTIONS AND DETAILS	•	•		
RCHITEC	TURAL				ـــــــــــــــــــــــــــــــــــــ
A0.1	GENERAL NOTES	•			-
A0.3	CODE ANALYSIS PLAN	0	•		
A0.4	CODE ANALYSIS PLAN - ADMINISTRATION WING		•		
A1.1	PARTIAL FLOOR PLAN ADMINISTRATION WING	•			F
A1.2	PARTIAL FLOOR PLAN GARAGE WING	•		-	<u> </u>
A1.3 A1.4	STORAGE BUILDING AND ENTRANCE GATE PLAN	0	•	•	\vdash
A1.5		•			
A2.1 A2.2	PARTIAL REFLECTED CEILING PLAN - ADMINISTRATION WING	•	$\left \right $		┢
A2.3	PARTIAL REFLECTED CEILING PLAN - GARAGE WING	•			
A2.4 A3.0	ENLARGED REFLECTED CEILING PLAN & DETAILS OVERALL ROOF PLAN	•	-		╞
A3.1	PARTIAL ROOF PLAN - ADMINISTRATION WING	•			
A3.2	ROOF DETAILS ROOF DETAILS	•	-		╞
A4.1	PARTIAL FINISH PLAN - ADMIN WING	•			
A4.2	FURNITURE & EQUIPMENT SCHEDULE	•			╞
A4.4	PARTIAL FURNITURE AND EQUIPMENT PLAN - GARAGE WING - EAST	•			
A4.5	PARTIAL FURNITURE & EQUIPMENT PLAN - GARAGE WING - WEST	•			\vdash
A5.1	EXTERIOR ELEVATIONS - ADMINISTRATION WING	•			F
A5.2	EXTERIOR ELEVATIONS - GARAGE WING	•			F
A6.1	BUILDING SECTIONS	•	\vdash		┢
A6.2	WALL SECTIONS	0	•		
A6.3 A6.4	EXTERIOR DETAILS	•	-		┝
A6.5	MAINTENANCE GARAGE SECTIONS AND DETAILS	•			
A7.1 A7.2	DOOR SCHEDULE DOOR DETAILS	•	-	•	-
A7.3	DOOR DETAILS	•			
A7.4	ROOM FINISH SCHEDULE & FINISH LEGEND	•			\vdash
A7.6	WINDOW DETAILS	•	•		┢
A7.7		0	•		Ē
A8.2	INTERIOR ELEVATIONS	•	+		┢
	1		1		

SHEET NUMBER	DRAWING NAME	09/09/22 ISSUED FOR BIDDING	09/30/22 ADDENDUM 02	10/14/22 ADDENDUM 03	10/20/22 ADDENDI M 04
A8.4	MILLWORK DETAILS	•			
A8.6	DISPLAY CASE DETAILS	•			
A8.7 A9.1	INTERIOR DETAILS RESTROOMS PLANS AND ELEVATIONS	•			
P0.1	PLUMBING SCHEDULES	0	0		•
P0.3 P0.4	PLUMBING DETAILS PLUMBING DETAILS 2	0	0	•	
P0.5	PLUMBING OVERALL FIRST FLOOR PLAN	•	-	-	
P1.0 P1.1	PLUMBING PARTIAL FIRST FLOOR PLAN ADMIN. PLUMBING PARTIAL FIRST FLOOR PLAN ADMIN.	0	•	•	
P1.2	PLUMBING PARTIAL FIRST FLOOR PLAN GARAGE	0	•		
P1.3 P1.4	PLUMBING PARTIAL FIRST FLOOR PLAN GARAGE PLUMBING PARTIAL FIRST FLOOR PLAN - ADMIN WING	•			
P1.5	PLUMBING PARTIAL ROOF PLAN GARAGE	0	•		
FIRE PROT	ECTION	•			
FP0.1		•			
FP1.0	FIRE PROTECTION DETAILS FIRE PROTECTION OVERALL FIRST FLOOR PLAN	•		•	
FP1.1	FIRE PROTECTION PARTIAL FIRST FLOOR PLAN ADMIN.	0		•	
FP1.2 FP1.3	FIRE PROTECTION PARTIAL FIRST FLOOR PLAN GARAGE-RIGHT	•			-
MECHANIC	AL				
M0.1 M0.2	MECHANICAL LEGEND SHEET MECHANICAL OVERALL FIRST FLOOR DUCTWORK & ROOF PLAN	•			
M0.3	MECHANICAL OVERALL FIRST FLOOR PIPING & ROOF PLAN	•			
M1.0 M1.1	MECHANICAL PARTIAL FIRST FLOOR PLAN PART A ADMIN-DUCTWORK	•			
M1.2	MECHANICAL PARTIAL FIRST FLOOR PLAN PART C GARAGE	•			
M1.3 M1.4	MECHANICAL PARTIAL FIRST FLOOR PLAN PART A ADMIN PIPING	•			
M1.5	MECHANICAL PARTIAL ROOF PLAN PART B GARAGE	•			
M1.6 M2.0	MECHANICAL PARTIAL ROOF PLAN PART C GARAGE	•			
M3.0	MECHANICAL GENERAL NOTES & SCHEDULES	•			
M3.1 M4.0	MECHANICAL SCHEDULES MECHANICAL VRE DIAGRAMS	•			-
M5.0	MECHANICAL HOT WATER BOILER PLAN P&ID	•			
M5.1 M5.2	MECHANICAL HOT WATER PUMP SYSTEM P&ID	•			
ELECTRICA					
E0.1 E0.2	ELECTRICAL LEGEND SHEET ELECTRICAL SITE PLAN	•	•		
E0.2A	ELECTRICAL SITE PLAN	•	_		
E0.3 F1.0	ELECTRICAL OVERALL FIRST FLOOR PLAN	•	•		
E1.1	ELECTRICAL PARTIAL FIRST FLOOR PLAN GARAGE- LTG	0	•		
E1.2 F2.0	ELECTRICAL PARTIAL FIRST FLOOR PLAN GARAGE- LTG	0	•		•
E2.0	ELECTRICAL PARTIAL FIRST FLOOR PLAN GARAGE - POWER	•			
E2.2	ELECTRICAL PARTIAL FIRST FLOOR PLAN GARAGE - POWER	•	•		
E2.4	ELECTRICAL PARTIAL ROOF PLAN - GARAGE POWER	•			
E2.5 E3.0	ELECTRICAL PARTIAL ROOF PLAN - ADMIN POWER ELECTRICAL PARTIAL FIRST FLOOR PI AN ADMIN - FA	•			
E3.1	ELECTRICAL PARTIAL FIRST FLOOR PLAN GARAGE - FA	•			
E3.2 E4.0	ELECTRICAL PARTIAL FIRST FLOOR PLAN GARAGE - FA	•			-
E4.1	ELECTRICAL DIAGRAM SHEET 2 FIRE ALARM	•			
E4.2 E4.3	ELECTRICAL DIAGRAM SHEET 3 TELECOMM	•			╞
E5.0	ELECTRICAL SCHEDULE SHEET 1	0	0		•
E5.1 F5.2	ELECTRICAL SCHEDULE SHEET 2	0	•		•
E6.0	ELECTRICAL DETAIL SHEET 1	•	-		
E6.1 F6.2	ELECTRICAL DETAIL SHEET 2	•			
E6.3	ELECTRICAL DETAIL SHEET 4	0	٠		
AV / SECUF	LEGEND AND NOTES	•			<u> </u>
LV0.1	LEGEND AND NOTES	•			
LV1.0 LV1.1	SITE PLAN SITE DETAILS	•			\vdash
		•			
LV1.2	PARTIAL FIRST FLOOR PLAN - ADMINISTRATION WING PARTIAL FIRST FLOOR PLAN - GARAGE WING	•			-
LV1.2 LV2.1 LV2.2	ENLARGED BOARD ROOM 103 PLANS	•			
LV1.2 LV2.1 LV2.2 LV2.3			•		
LV1.2 LV2.1 LV2.2 LV2.3 LV3.1 LV3.2	PARTIAL FIRST FLOOR PLAN - ADMINISTRATION WING - SECURITY PARTIAL FIRST FLOOR PLAN - GARAGE WING - SECURITY	0	•		
LV1.2 LV2.1 LV2.2 LV2.3 LV3.1 LV3.2 LV6.0	PARTIAL FIRST FLOOR PLAN - ADMINISTRATION WING - SECURITY PARTIAL FIRST FLOOR PLAN - GARAGE WING - SECURITY SCHEDULES AND DETAILS	•	•		
LV1.2 LV2.1 LV2.2 LV2.3 LV3.1 LV3.2 LV6.0 LV6.1 LV6.2	PARTIAL FIRST FLOOR PLAN - ADMINISTRATION WING - SECURITY PARTIAL FIRST FLOOR PLAN - GARAGE WING - SECURITY SCHEDULES AND DETAILS SCHEDULES AND DETAILS SCHEDULES AND DETAILS	0 0 • 0	•		



KCWA BOARD OF DIRECTORS

Board Member Name - Position Representing City/Town Robert B. Boyer - Chairman Jefferey M. Giusti - Vice Chairman City of Warwick Russell S. Crossman - Secretary Town of Coventry Scott Duckworth - Treasurer Charles Donovan - Member Brian Kortz East - Member Geoffrey Rousselle - Member

Town of West Warwick Town of Coventry City of Warwick Town of East Greenwich Town of West Warwick

THIS PROJECT AND THE CONTENTS OF THE CONTRACT DOCUMENTS (I.E. DRAWINGS AND SPECIFICATIONS) ARE CONSIDERED TO BE CONFIDENTIAL. BIDDERS SHALL PROPERLY DISPOSE OF ALL HARD COPIES AND DELETE ALL ELECTRONIC COPIES OF CONTRACT DOCUMENTS WHEN NO LONGER NEEDED.

CONFIDENTIALITY NOTICE



KENT COUNTY WATER AUTHORITY NEW OFFICE & MAINTENANCE BUILDING 35 TECHNOLOGY WAY WEST GREENWICH, RI 02817

VISI S^{architects}

ISSUED FOR BIDDING 09/09/2022

OWNER:	KENT COUNTY WATER AUTHORITY 1072 MAIN ST. WEST WARWICK, RI 02893 TEL: (401) 0821-9300
ARCHITECT:	VISION 3 ARCHITECTS 225 CHAPMAN STREET PROVIDENCE, RI 02905 TEL: (401) 461-7771 FAX: (401) 461-7772
STRUCTURAL ENGINEER:	PARE CORPORATION 8 BLACKSTONE VALLEY PLACE LINCOLN, RI 02865 (401) 334-4100
MECHANICAL, ELECTRICAL, PLUMBING, & FIRE PROTECTION	AVID ENGINEERS 205 PORTLAND STREET, SUITE 504 BOSTON, MA 02114 (617) 903-3323
AV / SECURITY DESIGN:	COMMUNICATIONS DESIGN SERVICES, LLC 156 TAUNTON AVE, #414 SEEKONK, MA 02771 (401) 749-6909
CIVIL ENGINEER:	PARE CORPORATION 8 BLACKSTONE VALLEY PLACE LINCOLN, RI 02865 (401) 334-4100

KENT COUNTY WATER AUTHORITY NEW OFFICE & MAINTENANCE BUILDING 09/09/2022 22007a ISSUED FOR BIDDING

TAG NO.	TYPE	ТА
EWH-1	STORAGE DUAL ELEMENT	

TAG	TYPE						
RD-A	LOW PROFILE DOM						
FD-A	LIGHT DUTY						
NOTE: PROVIDE TRAP PRIMERS ON ALL FLOO WITH INSPECTOR APPROVAL. CONTRACTOR							

TAG NO.	TYPE	TANK (
GWH-1	DIRECT VENT	
NOTES: 1. POWER DI 2. PROVIDE (RECT VENT TYPE CONCENTRIC VENT KIT T	

∖ ⊓											
\		EDULE	SCHE	ATER	FER HE	IC WA	ELECTR				
}	MANUFACTURER	REMARKS	TEMP.	TA		ELE	RECOVERY RATE (GPH)				
}	AND MODEL NO.		SETTING	INPUT KW	AT 100° RISE VOLTS PHASE INPU- KW			GAL.)	(GA		
}	STATE: PATRIOT PCE20 10MSA	3 YEAR WARRANTY	140	3	3	480	12	20	2		
کر											
Γ											
		DULE	SCHE	RAINS	DOR DI	ND FL	ROOF A				
ŀ	MODEL	REMARKS		R TOP	STRAINE	OUTLET	YLE	ST	<u> </u>		
	ZURN Z-100-C-R-EA	ECK CLAMPS AND SUMP RECEIVER		,	16"	6"	HUB	NO	E DOME		
	ZURN-415 WITH SEDIMENT										
Γ	BUCKET	ON W/ NICKEL BRONZE ZURN-415	CASTIR		5"	3"			JIY		
	Đ	CTURED BY TRAP GUARD MAY BE USE ALTERNATE METHOD.	S MANUFAC	L DEVICE A	, A TRAP SEA NG INSPECTO	3" AND LESS CAL PLUMBIN	FLOOR DRAINS	R DRAINS. ON HALL CONFIF	. FLOOR D CTOR SHA		
-											
			HEDU			VAIER	GAS V	(
F	MANUFACTURER AND MODEL NO.	REMARKS		TEMP. SETTING	BTU/H	BTU/H	RATE (GPH) AT 100° RISE	STORAGE GAL.)	TANK STO (GAL		
	STATE WATER HEATER	_		140	OUTPUT -	INPUT 100	129	75	75		
	MODEL:GP675YTPD1							-			
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	PUMP SCHEDULE																	
			CASING	FLUID		NPSHE	NPSHR			IMPELLER WC	WORKING		MOTOR				MANUFACTURER	
TAG	SERVICE	LOCATION	TYPE	TYPE	TEMP (°F)	GPM	GPM (FT.)	(FT.)	HEAD	(IN.)	SIZE PRESS (IN.) (PSIG)	RPM	BHP	HP	v	PH	AND MODEL NUMBER (AS STANDARD)	REMARKS
RP-1	HOT WATER RETURN	WATER HEATER	INLINE	WATER	TBD	1.75	-	18	-	-	125	3250	-	1/8	115	1	TACO #009-IFC	

MEP/FP Engineers AVID ENGINEERS 205 Portland Street Boston, MA 02114 211 Scotland Place Nashville, TN 37205

www.avidengineers.com

PLUMBING FIXTURE SCHEDULE

FIXTURE

TYPE

WALL MOUNTED WATER CLOSET-TANKLESS

WALL MOUNTED WATER CLOSET-

TANKLESS (ADA COMPLIANT)

UNDER-MOUNTED

UNDER-MOUNTED

(ADA COMPLIANT)

WALL-MOUNTED LAVATORY (ADA COMPLIANT)

URINAL (ADA COMPLIANT)

UNDER MOUNT **KITCHEN SINK**

(ADA COMPLIANT)

UNDER MOUNT KITCHEN SINK

(ADA COMPLIANT)

SHOWER

SHOWER

(ADA COMPLIANT)

MOP SERVICE BASIN

LAB SINK

BI-LEVEL DRINKING FOUNTAIN (ADA COMPLIANT)

LAVATORY

LAVATORY

TURE	CW	HW	WASTE	VENT	REMARKS
MANUFACTURER					
FIXTURE: KOHLER MODEL K-4325 VALVE KOHLER (SEE REMARKS FOR MODEL)	1 1/2"	-	4"	2"	1) KOHLER MODEL K-4731 ELONGATED, OPEN-FRONT SEAT, LESS COVER. 2) 1.28 GPF VALVE: ELECTRONIC - MODEL K-7531
FIXTURE: KOHLER MODEL K-4325 VALVE KOHLER (SEE REMARKS FOR MODEL)	1 1/2"	-	4"	2"	1) KOHLER MODEL K-4731 ELONGATED, OPEN-FRONT SEAT, LESS COVER. 2) 1.28 GPF VALVE: ELECTRONIC - MODEL K-7531
FIXTURE: KOHLER MODEL K-2210 FAUCET: SLOAN (SEE REMARKS FOR MODEL)	1/2"	1/2"	2"	2"	1) DC FAUCET: MODEL EAF-150 2) McGUIRE MODEL H171LK STOP 3)P-TRAP: MCGUIRE MODEL 8912
FIXTURE: KOHLER MODEL K-2210 FAUCET: SLOAN (SEE REMARKS FOR MODEL)	1/2"	1/2"	2"	2"	1) DC FAUCET: MODEL EAF-150 2) McGUIRE MODEL H171LK STOP 3)MCGUIRE OFFSET P-TRAP WITH TRUBRO HAND-LAV #102 KIT.
FIXTURE: KOHLER MODEL K-2053 FAUCET: SLOAN (SEE REMARKS FOR MODEL)	1/2"	1/2"	2"	2"	1) DC FAUCET: MODEL EAF-150 2) McGUIRE MODEL H171LK STOP 3)MCGUIRE OFFSET P-TRAP WITH TRUBRO HAND-LAV #102 KIT.
FIXTURE: KOHLER MODEL K-4904-ET VALVE: KOHLER (SEE REMARKS FOR MODEL)	3/4"	-	2"	2"	1) 0.5 GPF VALVE: ELECTRONIC - MODEL K10958-SV
FIXTURE: KOHLER MODEL K-5287 FAUCET: MOEN MODEL S55005	1/2"	1/2"	2"	2"	1) P-TRAP: McGUIRE MODEL 8912 2) STOPS: McGUIRE MODEL 171LK 3) STRAINER: JAMECO BASKET STRAINER 4) PROVIDE BEVERAGE FAUCET MODEL: MOEN S5550SRS
FIXTURE: KOHLER MODEL K-3351 FAUCET: MOEN MODEL S75005	1/2"	1/2"	2"	2"	1) P-TRAP: McGUIRE MODEL 8912 2) STOPS: McGUIRE MODEL 171LK 3) STRAINER: JAMECO BASKET STRAINER 4) PROVIDE BEVERAGE FAUCET MODEL: MOEN S5550SRS
FIXTURE: AQUATIC MODEL 1603BFSD FAUCET: SYMMONS MODEL 4405-TRM	1/2"	1/2"	2"	2"	1) PROVIDE SHOWER ENCLOSURE. 2) PROVIDE WITH SYMMONS TEMPTROL PRESSURE BALANCING MIXING VALVE. 3) PROVIDE WITH 5 FT HAND SHOWER HOSE/ 4) PROVIDE WITH KR SPECIALTIES WATER DAM.
FIXTURE: AQUATIC MODEL F6034DPAN FAUCET: SYMMONS MODEL 4405-TRM	1/2"	1/2"	2"	2"	1) PROVIDE SHOWER ENCLOSURE. 2) PROVIDE WITH SYMMONS TEMPTROL PRESSURE BALANCING MIXING VALVE. 3) PROVIDE WITH 5 FT HAND SHOWER HOSE/ 4) PROVIDE WITH KR SPECIALTIES WATER DAM.
FIXTURE: FIAT MODEL MSBID2424 FAUCET: KOHLER MODEL K-7302-5A	3/4"	3/4"	3"	2"	1) STRAINER: FIAT MODEL 1453BB 2) HOSE: FIAT MODEL 832-AA WITH BRACKET 3) MOP HANGER: FIAT MODEL 889-CC 4) VINYL RIM GUARD: FIAT MODEL E-77-AA
FIXTURE: JUST MODEL SL-ADA-1617-A-GR FAUCET: ZURN MODEL Z826B4-XL	1/2"	1/2"	2"	2"	1) P-TRAP: McGUIRE MODEL 8912 2) STOPS: McGUIRE MODEL 171LK 3) STRAINER: JAMECO BASKET STRAINER
FIXTURE: ELKAY MODEL EZ(S)TL8	1/2"	-	2"	2"	1) P-TRAP: 1/1/2" x 1-1/2" WITH CLEANOUT 2) STOPS: PROVIDE STOP VALVE
	TURE MANUFACTURER MODEL K-4325 VALVE KOHLER (SEE REMARKS FOR MODEL) FIXTURE: KOHLER MODEL K-4325 VALVE KOHLER (SEE REMARKS FOR MODEL) FIXTURE: KOHLER MODEL K-2210 FAUCET: SLOAN (SEE REMARKS FOR MODEL) FIXTURE: KOHLER MODEL K-2203 FAUCET: SLOAN (SEE REMARKS FOR MODEL) FIXTURE: KOHLER MODEL K-2053 FAUCET: SLOAN (SEE REMARKS FOR MODEL) FIXTURE: KOHLER MODEL K-4904-ET VALVE: KOHLER (SEE REMARKS FOR MODEL) FIXTURE: KOHLER MODEL K-3351 FAUCET: MOEN MODEL S55005 FIXTURE: KOHLER MODEL S55005 FIXTURE: KOHLER MODEL S55005 FIXTURE: KOHLER MODEL S55005 FIXTURE: KOHLER MODEL S55005 FIXTURE: AQUATIC MODEL 1603BFSD FAUCET: SYMMONS MODEL 4405-TRM FIXTURE: AQUATIC MODEL 4405-TRM MODEL 4405-TRM	CTURECWMANUFACTURERCWFIXTURE: KOHLER MODEL11/2"FIXTURE: KOHLER MODEL3/4"FIXTURE: KOHLER MODEL3/4"FIXTURE: KOHLER MODEL11/2"FIXTURE: SYMMONS MODEL11/2"FIXTURE: COLET: SYMMONS MODEL11/2"FIXTURE: COLET: SYMMONS MODEL11/2"FIXTURE: FIAT MODEL11/2"FIXT	TURECWHWMANUFACTURERCWHWMANUFACTURERCWHWFIXTURE: KOHLER MODEL K4325 VALVE KOHLER (SEE REMARKS FOR MODEL)11/2"-FIXTURE: KOHLER MODEL K-2210 FAUCET: SLOAN (SEE REMARKS FOR MODEL)11/2"1/2"FIXTURE: KOHLER MODEL)11/2"1/2"FIXTURE: KOHLER MODEL)11/2"1/2"FIXTURE: KOHLER MODEL)11/2"1/2"FIXTURE: KOHLER MODEL)11/2"1/2"FIXTURE: KOHLER MODEL)11/2"1/2"FIXTURE: KOHLER MODEL MODEL3/4"-FIXTURE: KOHLER MODEL3/4"-FIXTURE: KOHLER MODEL3/4"1/2"FIXTURE: KOHLER MODEL1/2"1/2"FIXTURE: KOHLER MODEL3/4"3/4"FIXTURE: KOHLER MODEL3/4"3/4"FIXTURE: KOHLER MODEL3/4"3/4"FIXTURE: KOHLER MODEL1/2"1/2"FIXTURE: KOHLER MODEL <t< td=""><td>TURECWHWWASTEMANUFACTURERCWHWWASTEFIXTURE: KOHLER MODEL11/2"-4"(SEE REMARKS FOR MODEL)11/2"-4"FIXTURE: KOHLER MODEL11/2"1/2"2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL3/4"-2"FIXTURE: KOHLER MODEL3/4"-2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL 4405-TRM11/2"11/2"2"FIXTURE: AQUATIC MODEL 4405-TRM11/2"11/2"2"FIXTURE: AQUATIC MODEL SCOUSA11/2"11/2"2"FIXTURE: AQUATIC MODEL SCOUSA11/2"11/2"2"FIXTURE: AQUATIC MODEL SCOUSA11/2"11/2"2"FIXTURE: AQUATIC MODEL K-7302-SA11/2"11/2"2"FIXTURE: AQUATIC MODEL K-7302-SA11/2"11/2"<</td><td>TURECWHWWASTEVENTMANUFACTURERCWHWWASTEVENTFIXTURE: KOHLER MODEL A3251 1/2"-4"2"FIXTURE: KOHLER MODEL OF MODEL C2101 1/2"-4"2"FIXTURE: KOHLER MODEL C2101 1/2"1/2"2"2"FIXTURE: KOHLER MODEL C2101/2"1/2"2"2"FIXTURE: KOHLER MODEL C2101/2"1/2"2"2"FIXTURE: KOHLER MODEL C2101/2"1/2"2"2"FIXTURE: KOHLER MODEL C2101/2"1/2"2"2"FIXTURE: KOHLER MODEL C2101/2"1/2"2"2"FIXTURE: KOHLER MODEL C2101/2"1/2"2"2"FIXTURE: KOHLER MODEL C2103/4"-2"2"FIXTURE: KOHLER MODEL C2101/2"1/2"2"2"FIXTURE: KOHLER MODEL C2101/2"</td></t<>	TURECWHWWASTEMANUFACTURERCWHWWASTEFIXTURE: KOHLER MODEL11/2"-4"(SEE REMARKS FOR MODEL)11/2"-4"FIXTURE: KOHLER MODEL11/2"1/2"2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL3/4"-2"FIXTURE: KOHLER MODEL3/4"-2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL11/2"11/2"2"FIXTURE: KOHLER MODEL 4405-TRM11/2"11/2"2"FIXTURE: AQUATIC MODEL 4405-TRM11/2"11/2"2"FIXTURE: AQUATIC MODEL SCOUSA11/2"11/2"2"FIXTURE: AQUATIC MODEL SCOUSA11/2"11/2"2"FIXTURE: AQUATIC MODEL SCOUSA11/2"11/2"2"FIXTURE: AQUATIC MODEL K-7302-SA11/2"11/2"2"FIXTURE: AQUATIC MODEL K-7302-SA11/2"11/2"<	TURECWHWWASTEVENTMANUFACTURERCWHWWASTEVENTFIXTURE: KOHLER MODEL A3251 1/2"-4"2"FIXTURE: KOHLER MODEL OF MODEL C2101 1/2"-4"2"FIXTURE: KOHLER MODEL C2101 1/2"1/2"2"2"FIXTURE: KOHLER MODEL C2101/2"1/2"2"2"FIXTURE: KOHLER MODEL C2101/2"1/2"2"2"FIXTURE: KOHLER MODEL C2101/2"1/2"2"2"FIXTURE: KOHLER MODEL C2101/2"1/2"2"2"FIXTURE: KOHLER MODEL C2101/2"1/2"2"2"FIXTURE: KOHLER MODEL C2101/2"1/2"2"2"FIXTURE: KOHLER MODEL C2103/4"-2"2"FIXTURE: KOHLER MODEL C2101/2"1/2"2"2"FIXTURE: KOHLER MODEL C2101/2"

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KENT COUNTY WATER WAINTROUNTY WATER AUTHORITY NEW BUILDING	35 TECHNOLOGY WAY WEST GREENWICH, RI 02817
DATE: PROJECT NO: DRAWN BY: CHECKED BY:	09/09/2022 22007a JPM VSD
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P0.2



SCHI (STRA	SCHEDULE OF SPECIAL PURPOSE RECEPTACLES (STRAIGHT-BLADE & TWIST-LOCK DEVICES)									
TAG	NEMA CONFIGURATION	RECEPTACLE RATING	CIRCUIT BREAKER	BRANCH CIRCUIT						
H 01	L5-15R	15A, 125V, 2P, 3W	15A-1P	2 #12 & 1 #12G, 3/4"C						
H 02	L5-20R	20A, 125V, 2P, 3W	20A-1P	2 #12 & 1 #12G, 3/4"C						
H 03	5-30R	304 125V 2P 3W	304-1P	2 #10 & 1 #10G 3//"C						
H 04	L5-30R	30A, 123V, 21 , 3W	30A-11	2 #10 & 1 #100, 3/4 0						
H 05	5-50R	50A, 125V, 2P, 3W	50A-1P	2 #6 & 1 #10G, 3/4"C						
H 06	6-15R	15A 250V 2P 3W	15A-2P	2 #12 & 1 #12G, 3/4"C						
H 07	L6-15R	10, 1, 2000, 21, 000		2 // 12 0 / // 120, 0/ 1 0						
H 08	6-20R	20A. 250V. 2P. 3W	20A-2P	2 #12 & 1 #12G. 3/4"C						
H 09	L6-20R									
H 10	6-30R	30A. 250V. 2P. 3W	30A-2P	2 #10 & 1 #10G. 3/4"C						
H 11	L6-30R									
H 12	6-50R	50A, 250V, 2P, 3W	50A-2P	2 #6 & 1 #10G, 3/4"C						
H 13	14-20R	20A, 125/250V, 3P, 4W	20A-2P	3 #12 & 1 #12G, 3/4"C						
H 14	L14-20R									
H 15	14-30R	30A, 125/250V, 3P, 4W	30A-2P	3 #10 & 1 #10G, 3/4"C						
H 16	L14-30R			,						
H 17	14-50R	50A, 125/250V, 3P, 4W	50A-2P	3 #6 & 1 #10G, 3/4"C						
H 18	14-60R	60A, 125/250V, 3P, 4W	60A-2P	3 #6 & 1 #10G, 3/4"C						
H 19	15-20R	20A, 250V, 3P, 4W	20A-3P	3 #12 & 1 #12G, 3/4"C						
H 20	L15-20R									
H 21	15-30R	30A, 250V, 3P, 4W	30A-3P	3 #10 & 1 #10G, 3/4"C						
H 22	L15-30R									
H 23	15-50R	50A, 250V, 3P, 4W	50A-3P	3 #6 & 1 #10G, 3/4"C						
H 24	15-60R	60A, 250V, 3P, 4W	60A-3P	3 #6 & 1 #10G, 3/4"C						
H 25	L16-20R	20A, 480V, 3P, 4W	20A-3P	3 #12 & 1 #12G, 3/4"C						
H 26	L16-30R	30A, 480V, 3P, 4W	30A-3P	3 #10 & 1 #10G, 3/4"C						
H 27	L21-20R	20A, 120/208V, 4P, 5W	20A-3P	4 #12 & 1 #12G, 3/4"C						
H 28	L21-30R	30A, 120/208V, 4P, 5W	30A-3P	4 #10 & 1 #10G, 3/4"C						
H 29	L22-20R	20A, 277/480V, 4P, 5W	20A-3P	4 #12 & 1 #12G, 3/4"C						
H 30	L22-30R	30A, 277/480V, 4P, 5W	30A-3P	4 #10 & 1 #10G, 3/4"C						
GENER	RAL NOTES (applicab	le for all Special Purpose R	Receptacles):							

a) BRANCH CIRCUIT CONDUCTOR SIZE LISTED IS THE MINIMUM ALLOWED PER 2020

b) RACEWAY SIZE LISTED IS THE MINIMUM ALLOWED PER 2020 NEC ANNEX-C TABLE C.1 FOR THHN-THWN CONDUCTORS IN EMT. ADJUST RACEWAY SIZE TO

ACCOMMODATE DIFFERENT INSULATION SYSTEMS AND/OR RACEWAY TYPES TO

c) BRANCH CIRCUIT CONDUCTORS WHICH EXCEED 75'-0" IN LENGTH SHALL BE ÍNCREASED A MINIMUM OF ONE SIZE TO LIMIT VOLTAGE DROP TO LESS THAN 3%.

NEC TABLE 310.16 WITH NO GREATER THAN THREE CURRENT CARRYING CONDUCTORS PRE RACEWAY - AMBIENT TEMPERATURE NOT TO EXCEED 30°C.

MAINTAIN RACEWAY FILL AT LESS THAN 40%.

SCHEDUL	E OF FEEDER S	SIZES - COPPER CONDU	JCTORS		DISTRIB	UTION PANELBOARD SCHEDULE			DESIGNATION	: MDP1 (SEE NOTE-4)
FEEDER TAG	NOMINAL AMPERE RATING	FEEDER CIRCUIT CONDUCTORS (3-PHASE, 3-WIRE + GROUND)	FEEDER CIRCUIT CONDUCTORS (3-PHASE, 4-WIRE + GROUND)	CONDUIT / RACEWAY	VOLTAGE:	480Y/277V					
60A-3W	604	3#6 & 1#10G		3/4"C	PHASE:	3 <i>WIRE</i> : 4 <i>BUS RATING</i> : 800A	MAIN CIRC	UIT BREAKER:	800A	AIC RATING:	65 kAIC
60A-4W	007		4#6 & 1#10G	1"C							
70A-3W	- 70A	3#4 & 1#8G		1"C	CIRCUIT NO.	DESCRIPTION OF LOAD				NOTES	
70A-4W			4#4 & 1#8G	1 1/4"C			FRAME	IRIP	POLE		
100A-3W	- 100A	3#2 & 1#8G		1 1/4"C		MAIN CIRCUIT BREAKER	800A	800A	3	(LSI)	
100A-4W			4#2 & 1#8G	1 1/2"C	1	PANELBOARD PP1	-	150A	3		
[125A-3W]	- 125A	3#1 & 1#6G		1 1/2"C	2	PANELBOARD PP2	-	225A	3		
[125A-4W]		0.1110.0.1100	4#1 & 1#6G	1 1/2"C	3	PANELBOARD PP3	-	100A	3		
[150A-3VV]	150A	3#1/0 & 1#6G		1 1/2°C	4	PANELBOARD RP3 VIA 75kVA XFMR	-	125A	3		
150A-4VV		2#2/0.8.1#60	4#1/0 & 1#0G	2°C	5	PANELBOARD RP4 VIA 45kVA XFMR	_	80A	3		
	- 175A	3#2/0 & 1#0G	4#2/0 & 1#6G	2°C	6	ERU-1	-	100A	3		
[173A-4W]		3#3/0 & 1#6G		2"0	7	HV-1		604	3		
200A-4W	- 200A		4#3/0 & 1#6G	2"C				1254	3		
225A-3W		3#4/0 & 1#4G		2"C				125A			
225A-4W	- 225A		4#4/0 & 1#4G	2 1/2"C	9		-	125A	3		
250A-3W		3#250kcmil & 1#4G		2 1/2"C			-	125A	3		
250A-4W	- 250A		4#250kcmil & 1#4G	3"C		SPARE CIRCUIT BREAKER	-	225A	3		
300A-3W		3#350kcmil & 1#4G		3"C	12	SPARE CIRCUIT BREAKER	-	125A	3		
300A-4W	- 300A		4#350kcmil & 1#4G	3"C	13	SPARE CIRCUIT BREAKER	-	80A	3		
350A-3W	250.4	3#500kcmil & 1#3G		3"C	14	PREPARED SPACE	225A	-	-		
350A-4W	350A		4#500kcmil & 1#3G	4"C							
400A-3W	4004	3#500kcmil & 1#3G		3"C	<u>GENERAL</u>	DISTRIBUTION PANELBOARD SCHEDULE NOTES:	DISTRIBUTION	PANELBOARD SO	CHEDULE NOTES	(as specifically inc	dicated above):
400A-4W	4007		4#500kcmil & 1#3G	4"C	a) PROVID	E MECHANICAL TERMINAL LUGS TO	1. PROVIDE PA	ANELBOARD WITH	H FEED-THROUG	H LUGS.	
500A-3W	- 500A	2 Sets 3#250kcmil & 1#2G		(2) - 2 1/2"C		DDATE FEEDER CIRCUITRY AS LISTED ON THE POWER DIAGRAM FOR ALL TERMINATIONS.	2. PROVIDE P	ANELBOARD WITH	HISOLATED GRC	UND BUS.	
500A-4W			2 Sets 4#250kcmil & 1#2G	(2) - 2 1/2"C							
600A-3W	- 600A	2 Sets 3#350kcmil & 1#1G		(2) - 3"C		G HARDWARE SHALL BE PROVIDED TO	3. FROVIDE F	ANELBOARD WIT	1 200 % RATED N	EUTRAL BUS.	
600A-4W			2 Sets 4#350kcmil & 1#1G	(2) - 3"C		DDATE FUTURE INSTALLATION OF CIRCUIT UP TO THE FRAME SIZE INDICATED.	4. PROVIDE P. RATED160kA.	ANELBOARD WITH	H SURGE PROTE	CTIVE DEVICE (S	PD)
800A-3W	- 800A	2 Sets 3#600kcmil & 1#1/0G		(2) - 3 1/2"C							
800A-4W			2 Sets 4#600kcmil & 1#1/0G	(2) - 4"C		OSITION, AND LABELED AS "SPARE."	5. PROVIDE C	IRCUIT BREAKER		IP AUXILIART AT	
1000A-3W	- 1000A	3 Sets 3#400kcmil & 1#2/0G		(3) - 3"C			6. PROVIDE C	IRCUIT BREAKER	WITH UL-LISTED	HANDLE-LOCK.	
[1000A-4W]			3 Sets 4#400kcmil & 1#2/0G	(3) - 3"C			7. CIRCUIT BR		EQUIPPED WITH	HAN ARC ENERG	Y REDUCTION
	1200A		2 Cata (#000kamil 0, 4#0/0C	(3) - 3 1/2"C	4		WAINTENANCE	= SWITCH WITH LO	JUAL STATUS IN	DICATOR.	
1200A-4VV		1 Sate 3#600kamil & 1#4/00		(3) - 4 C							
	- 1600A		4 Sata 4#600kamil 8 4#4/00	(4) 4"C							
1000A-477				(4) - 4 C	4						

GENERAL NOTES (applicable for all Feeders):

a) CONDUCTOR SIZE LISTED IS THE MINIMUM ALLOWED PER 2020 NEC TABLE 310.16 WITH NO GREATER THAN THREE CURRENT CARRYING CONDUCTORS PER RACEWAY - AMBIENT TEMPERATURE NOT TO EXCEED 30°C.

b) RACEWAY SIZE LISTED IS THE MINIMUM ALLOWED PER 2020 NEC ANNEX-C TABLE C.1 FOR XHHW CONDUCTORS IN EMT. ADJUST RACEWAY SIZE TO ACCOMMODATE DIFFERENT INSULATION SYSTEMS AND/OR RACEWAY TYPES TO MAINTAIN RACEWAY FILL AT LESS THAN 40%.

c) FEEDER CIRCUITRY DESIGNATED AS MULTIPLE SETS SHALL HAVE THE REQUIRED SETS INSTALLED IN PARALLEL.

SCHEDULE OF F										
PANEL	VOLT									
PP1	480Y/									
RP1	208Y/									
PP2	480Y/									
RP2	208Y/									
PP3	480Y/									
	208Y/									
RFJ	208Y/									
RP4	208Y/									
GENE	RAL NOTES									
a) PR CIRCL TERM	a) PROVIDE MECH CIRCUITRY AS LIS TERMINATIONS.									
b) PAI	b) PANELBOARDS									

DUL	E OF PANE	LBOARD)S																														
		DUAGE		DUO	MOD	MLO	410	TOTAL		1-PO	1-POLE BRANCH CIRCUIT BREAKERS 2-POLE BRANCH CIRCUIT BREAKERS 3-POLE BRANCH CIRCUIT BREAKERS SUB-FEED													Notes									
	VOLTAGE	PHASE	WIRE	805	MCB	MLO	AIC	POLES	MOUNTING	20A	20A-HI	L 30A-HL	20A-GF 2 4-6ma	0A-GF 30ma 3	0A 40	0A 20A	25A	30A	40A	50A 60A	20A	A 25A	30A	40A	50A 6	0A 7	'0A	80A 90A	100A 1	25A 1	150A 175	5A 200A	NOTES
	480Y/277V	3	4	225A		x	35K	42	SURFACE	21											3		3					1					
	208Y/120V	3	4	225A	150A		22K	18	SURFACE	18																							
	480Y/277V	3	4	225A		X	35K	42	SURFACE	32		1									1		1					1					
	208Y/120V	3	4	225A	150A		22K	72	SURFACE	69	2		1																				
																						~											
	480Y/277V	3	4	100A		x	35K	42	SURFACE						1					(3	\mathcal{A}	3	1	1								
	208Y/120V	3	4	225A	225A		22K	60	SURFACE	60						\sim																	NOTE-1
	208Y/120V	3	4	225A		x	22K	48	SURFACE	38	\mathbf{D}		2																				
	208Y/120V	3	4	225A	150A		22K	60	SURFACE	24	6				2	7	1	2		1	2												

GENERAL NOTES (applicable to all panelboards):

) PROVIDE MECHANICAL TERMINAL LUGS TO ACCOMMODATE FEEDER CIRCUITRY AS LISTED ON THE ONE-LINE POWER DIAGRAM FOR ALL

) PANELBOARDS SHALL BE FULLY RATED.

c) PANELBOARDS SHALL BE SINGLE-SECTION ENCLOSURE UNLESS SPECIFIED / NOTED OTHERWISE.

SCHEDULE OF PANELBOARDS ABBREVIATION KEY:

MCB - MAIN CIRCUIT BREAKER

MLO - MAIN LUG ONLY AIC - MINIMUM INTERRUPTING RATING OF CIRCUIT BREAKERS

GFCI - GROUND FAULT CIRCUIT INTERRUPTER AFCI - ARC FAULT CIRCUIT INTERRUPTER

20A-HL - BRANCH CIRCUIT BREAKER EQUIPPED WITH UL-LISTED HANDLE-LOCK

20A-GF (4-6ma) - GFCI TYPE RATED 4-6ma FOR PROTECTION OF PERSONNEL 20A-GF (30ma) - GFCI TYPE RATED 30ma FOR PROTECTION OF EQUIPMENT

SCHEDULE OF PANELBOARDS NOTES (as specifically indicated above):

1. PROVIDE PANELBOARD WITH FEED-THROUGH LUGS. 2. PROVIDE PANELBOARD WITH ISOLATED GROUND BUS.

3. PROVIDE PANELBOARD WITH 200% RATED NEUTRAL BUS. 4. PROVIDE PANELBOARD WITH INTEGRAL SURGE PROTECTIVE DEVICE (SPD) RATED 100-kA. 5. PROVIDE BRANCH CIRCUIT BREAKER WITH SHUNT TRIP AUXILIARY ATTACHMENT.

MEP/FP Engineers **AVID** ENGINEERS 205 Portland Street Boston, MA 02114 211 Scotland Place

Nashville, TN 37205 www.avidengineers.com

Contractor shall note this project requires preparation and completion of a Short Circuit / Coordination Study and Arc-Flash Hazard Analysis. The Study shall be submitted for review prior to submission of electrical distribution equipment, (e.g. switchboard, meter center, distribution panelboards, panelboards, loadcenters, etc.). Contractor shall coordinate submittal of potential long lead-time items to ensure adequate time for review is allotted.

It is noted, final determination of applicable short circuit interrupting ratings shall be made upon review and approval of the study. Refer to Electrical Specification for additional information.

STAMP: T COUNTY WATER JTHORITY NEW E & MAINTENANCE BUILDING TECHNOLOGY WAY GREENWICH, RI 028 KENT AU⁻ OFFICE 35 WEST (\22007a_KWCA_v22_lpenaloza94-kcwa-logoFORDECAL_BlueColor-4005722.jpg PROJECT STATUS: **ISSUED FOR WEST** BIDDING DATE: 09/09/2022 PROJECT NO: 22007a DRAWN BY: CM CHECKED BY: AJD C 2022 VISION 3 ARCHITECTS THESE DOCUMENTS HAVE BEEN PREPARED SPECIFICALLY FOR THE PROJECT LISTED ABOVE. THEY ARE NOT SUITABLE FOR USE ON OTHER PROJECTS OR IN OTHER LOCATIONS WITHOUT APPROVAL AND PARTICIPATION OF VISION 3 ARCHITECTS. REPRODUCTION IS PROHIBITED. **REVISIONS:** 9/30/22 ADDENDUM 02 10/20/22 ADDENDUM 04

DRAWING TITLE:



DRAWING NO .:

E5.0

		L L	OAD INF	ORMATION (v	where applicat	ole)	POWER SC	URCE									СН	-
EQUIPMENT TAG	EQUIPMENT DESCRIPTION	HP	kW	VOLTAGE	PHASE	AMPS	PANELBOARD	CKT BKR	BRA	NCH CIRCUIT	RECP	J-BOX	FLEX	MMS	AS	AF	NEMA	NOTES
ACU-1	INDOOR ACU UNIT	-	-	208V	1	3.5A	RP4-10/12	20A-2P	2#12	& 1#12G, 3/4"C	-	x	x	x	-	-	1	NOTE-3
ACU-2	INDOOR ACU UNIT	-	-	208V	1	3.5A			2#12	& 1#12G, 3/4"C	-	X	x	X	-	-	1	NOTE-3
ACU-3	INDOOR ACU UNIT	-	-	208V	1	3.5A		204-2P	2#12	& 1#12G, 3/4"C	-	Х	х	х	-	-	1	NOTE-3
ACU-4	INDOOR ACU UNIT	-	-	208V	1	2.3A	-	20/1-21	2#12	& 1#12G, 3/4"C	-	X	x	x	-	-	1	NOTE-3
ACU-5		-	-	208V	1	3.5A			2#12	& 1#12G, 3/4"C	-	X	X	X	-	-	1	NOTE-3
ACU-6		-	-	208V	1	2.3A	-		2#12	& 1#12G, 3/4"C	-	X	X	X	-	-	1	NOTE-3
		-	-	2087	1	2.3A	RP4-2/4	20A-2P	2#12	& 1#12G, 3/4"C	-	X	X	X	-	-	1	NOTE 3
ACU-9		-	-	200V 208V	1	2.3A	-		2#12	& 1#12G, 3/4"C	-	X	x	X	-	-	1	NOTE-3
ACU-10	INDOOR ACU UNIT	-	-	208V	1	3.5A			2#12	& 1#12G, 3/4"C	-	X	x	X	-	-	1	NOTE-3
ACU-11	INDOOR ACU UNIT	-	-	208V	1	3.5A	- RP4-5/7	20A-2P	2#12	& 1#12G, 3/4"C	-	x	x	x	-	-	1	NOTE-3
ACU-12	INDOOR ACU UNIT	-	-	208V	1	3.5A			2#10	& 1#10G, 3/4"C	-	X	x	x	-	-	1	NOTE-3
ACU-13	INDOOR ACU UNIT	-	-	208V	1	6.2A		254_2P	2#10	& 1#10G, 3/4"C	-	Х	х	х	-	-	1	NOTE-3
ACU-14	INDOOR ACU UNIT	-	-	208V	1	2.3A		237-21	2#10	& 1#10G, 3/4"C	-	Х	x	x	-	-	1	NOTE-3
ACU-15	INDOOR ACU UNIT	-	-	208V	1	2.3A			2#10	& 1#10G, 3/4"C	-	X	x	x	-	-	1	NOTE-3
ACU-16	INDOOR ACU UNIT	-	-	208V	1	3.5A	RP4-10/12	20A-2P	2#12	& 1#12G, 3/4"C	-	X	X	X	-	-	1	NOTE-3
ACU-17		-	-	208V	1	2.3A			2#12	& 1#12G, 3/4"C	-	X	X	X	-	-		
ACU-18		-	-	2087	1	3.5A		204.20	2#12	& 1#12G, 3/4"C	-	X	X	X	-	-	1	NOTE 3
ACU-19 ACU-20		-	-	208V	1	2.3A	-	207-25	2#12	& 1#12G, 3/4"C	-	X	x	X	-	-	1	NOTE-3
GUH-1	GAS UNIT HEATER	-	-	120V	1	1.9A	RP4-42	20A-1P	2#12	2 & 1#12G, 3/4"C	-	X	х	x	-	-	1	
																		-
ERV-1	ENERGY RECOVERY VENTILATOR - ROOF	-	-	480V	3	81A	MDP1-6	100A-3P	3#2	& 1#8G, 1-1/4"C	-	X	X	-	100	90	3R	
EF-1	EXHAUST FAN - ROOF	2	-	480V	3	3.4A	PP3-11/13/15	20A-3P	3#12	2 & 1#12G, 3/4"C	-	X	X	-	30	10	3R	NOTE-2
EF-2		2	-	480V	3	3.4A	PP3-17/19/21	20A-3P	3#12	2 & 1#12G, 3/4"C	-		X	-	30	10	3R	NOTE-2
EF-3	EXHAUST FAN - ROUF	-	-	1200	1	5.8A	RP3-100	20A-1P	2#12	2 & 1#12G, 3/4°C	-	×	×	-	30	15	38	
HV-1	OUTDOOR HV UNIT - ROOF	-	-	480V	3	41A	MDP1-7	60A-3P	3#6	& 1#10G. 3/4"C	-	x	x	-	60	60	3R	
ACCU-1	OUTDOOR SPLIT SYSTEM UNIT - ROOF	-	-	208V	1	21A			2#10	0 & 1#10G, 3/4"C	-	x	x	-	30	30	3R	NOTE-1
ACU-1	INDOOR ACU UNIT - SERVER ROOM	-	-	208V	1	-	RP4-13/15	30A-2P	2#10) & 1#10G, 3/4"C	-	x	x	x	-	-	1	NOTE-3
ACCU-2	OUTDOOR SPLIT SYSTEM UNIT - ROOF	-	-	208V	1	21A			2#10) & 1#10G, 3/4"C	-	x	x	-	30	30	3R	NOTE-1
ACU-2	INDOOR ACU UNIT - ELECTRICAL ROOM	-	-	208V	1	-	- RP4-14/16	30A-2P	2#10) & 1#10G, 3/4"C	-	X	х	х	-	-	1	NOTE-3
ACCU-3	OUTDOOR SPLIT SYSTEM UNIT - ROOF	-	-	480V	3	15.2A	PP3-5/7/9	30A-3P	3#12	2 & 1#12G, 3/4"C	-	X	x	-	30	30	3R	
ACCU-4	OUTDOOR SPLIT SYSTEM UNIT - ROOF	-	-	480V	3	15.2A	PP3-6/8/10	30A-3P	3#12	2 & 1#12G, 3/4"C	-	X	X	-	30	30	3R	
ACCU-5	OUTDOOR SPLIT SYSTEM UNIT - ROOF	-	-	480V	3	15.2A	PP3-23/25/27	30A-3P	3#12	2 & 1#12G, 3/4"C	-	X	X	-	30	30	3R	
ACCU-6	OUTDOOR SPLIT SYSTEM UNIT - ROOF	-	-	480V	3	15.2A	PP1-16/18/20	30A-3P	3#12	2 & 1#12G, 3/4"C	-	X	X	-	30	30	3R	
ACCU-7	OUTDOOR SPLIT SYSTEM UNIT - ROOF	-	-	400 V	3	15.2A	PP1-22/24/20 PP1-28/30/32	30A-3P	3#12	2 & 1#12G, 3/4 C	-	×	×	-	30	30	38	
7000-0		_		+001		10.2/		00/4-01	0#12				~					
BC-3	BC CONTROLLER	-	-	208V	1	1A			2#12	& 1#12G, 3/4"C	-	x	x	x	-	-	1	NOTE-3
BC-4	BC CONTROLLER	-	-	208V	1	1A	-		2#12	& 1#12G, 3/4"C	-	x	x	X	-	-	1	NOTE-3
BC-5	BC CONTROLLER	-	-	208V	1	1A			2#12	& 1#12G, 3/4"C	-	X	x	x	-	-	1	NOTE-3
BC-6	BC CONTROLLER	-	-	208V	1	1A	- RP4-17/19	20A-2P	2#12	& 1#12G, 3/4"C	-	X	x	Х	-	-	1	NOTE-3
BC-7	BC CONTROLLER	-	-	208V	1	1A			2#12	& 1#12G, 3/4"C	-	Х	х	х	-	-	1	NOTE-3
BC-8	BC CONTROLLER	-	-	208V	1	1A			2#12	& 1#12G, 3/4"C	-	X	x	x	-	-	1	NOTE-3
						<u> </u>								<u> </u>	<u> </u>	<u> </u>		
R 1	BOILER			1201/	1	۵۸ ۵۸	RD/ 19	201 10	0#47	2 & 1#120 2/4"0		│ │	 	│ │			1	
B-1 B-2	BOILER	-	-	1200	1	84	RP4-10 RP4-20	20A-1P	2#12	2 & 1#12G, 3/4 C	-	×	×	x	-	-	1	SEE NOTES-3 &
PHWP-1		0.5	-	120V	1	9.8A	RP4-26	30A-1P	2#12	0 & 1#10G. 3/4"C	-	X	X	-	30	15	1	SEE NOTE-5
PHWP-2	PRIMARY HOT WATER PUMP	0.5	-	120V	1	9.8A	RP4-28	30A-1P	2#10) & 1#10G, 3/4"C	-	x	x	-	30	15	1	SEE NOTE-5
SHWP-1	SECONDARY HOT WATER PUMP	1.5	-	208V	3	6.6A	RP4-43/45/47	20A-3P	3#12	2 & 1#12G, 3/4"C	-	x	x	-	30	15	1	SEE NOTE-2
SHWP-2	SECONDARY HOT WATER PUMP	1.5	-	208V	3	6.6A	RP4-44/46/48	20A-3P	3#12	2 & 1#12G, 3/4"C	-	X	x	-	30	15	1	SEE NOTE-2
IWH-1	INSTANTANEOUS WATER HEATER	-	9	480V	3	12A	PP3-20/22/24	20A-3P	3#12	2 & 1#12G, 3/4"C	-	X	×	-	30	20		
EWH-1	ELECTRIC WATER HEATER	-	3	480V	3	4A	PP2-9/11/13	20A-3P	3#12	2 & 1#12G, 3/4"C	-	X	×	-	30	15		
RP-1		1/8	-	120V	1	4.4A	PP3-14	20A-1P	2#12	2 & 1#12G, 3/4"C	-	X	X	X	-	-	1	NOTE-3
GWH-1	GAS WATER HEATER	-	-	120V	1	1A	PP3-16	20A-1P	2#12	2 & 1#12G, 3/4"C	-	X	X	X	-	-	1	NOTE-3
										SCHEDULE OF	MECHAN	ICAL EQU	IIPMENT	NOTES (as specifi	callv indic	ated above	e):
GENERA	L NOTES (applicable to all equipment):			SCHEDULE	OF MECHAN	ICAL EQU	JIPMENT ABBREVI	ATION KEY:			CEPTACI		SSOCIAT					<u>~</u>
a) BRAN	ICH CIRCUIT WIRING METHODS SHALL BE AS N DRAWINGS FOR THE APPLICABLE LOCATION	NOTED		RECP	NEMA 5-20R	DUPLEX				(2 #12 & 1 #120 FACILITATE TH	5, 3/4"C) S IE INSTAL	HALL BE	FED FRO	OM 208Y/ DENSATE	120V PAN PUMP A	ELBOAR		TED TO
					CONNECTIO	NS		vi∟IN I		KECEPTACLES EXACT LOCAT	ON PRIO	R TO WO	ы авоv RK.		G WHER	E APPLIC	ABLE. CC	UKUINATE
ACCOM	MODATE CIRCUITRY AS LISTED ON THE SCHED	DULE		J-BOX	JUNCTION B			RD-WIRED		a) PANELBOA PLIMP REC	RD RP4, EPTACI F	POLE SP	ACE #33	& #34 AL	LOCATE	D FOR CO	ONDENSA	TE
					CONNECTIO	N TU EQL	JEMENT				IAOLE							

c) TERMINATION / CONNECTION TO MECHANICAL EQUIPMENT SHALL BE MADE / PROVIDED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.

FLEXIBLE CONNECTION TO EQUIPMENT VIA LIQUID-TIGHT FLEXIBLE METAL CONDUIT, (FINAL 36" FLEX OF RACEWAY - MAXIMUM) MANUAL MOTOR STARTER SWITCH MMS

DISC DISCONNECT SWITCH - NON-FUSIBLE OR FUSIBLE AS INDICATED

PUMP RECEPTACLES 2. REFER TO SCHEDULE OF VFD'S FOR ADDITIONAL INFORMATION. SIZED TO COINCIDE WITH THE RATING OF THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS

EQUIPMENT TAG VFD LOCATION NON FUSIBLE HP VOLTAGE PHASE FLA FUSIBLE EF-1 MECHANICAL RM 131 10AF 480 3.4 2 3 - - -MECHANICAL RM 131 10AF EF-2 2 480 3.4 3 - - -SHWP-1 MECHANICAL RM 131 208 6.6 15AF 1.5 3 - - -SHWP-2 MECHANICAL RM 131 1.5 208 3 6.6 15AF - - -GENERAL NOTES (applicable to all VFD's):

LOAD INFORMATION

a) PROVIDE MECHANICAL TERMINAL LUGS TO ACCOMMODATE FEEDER CIRCUITRY AS LISTED ON THE SCHEDULE FOR ALL TERMINATIONS.

b) VFD SHALL BE CONTROLLED VIA REMOTE 4-20ma, OR 0-5V SIGNAL PROVIDED BY THE AUTOMATIC TEMPERATURE CONTROLS CONTRACTOR, (DIVISION-15).

SCHEDULE OF VFD'S

SCHEDULE OF VFD'S ABBREVIATION KEY: VFD - VARIABLE FREQUENCY DRIVE HOA - HAND-OFF-AUTOMATIC NO - NORMALLY OPEN NC - NORMALLY CLOSED

INTEGRAL OVERCURRENT DEVICE

3. PROVIDE MANUAL MOTOR STARTER WITH THERMAL OVERLOAD HEATER ELEMENTS

4. PROVIDE TERMINATION AT BOILER SYSTEM CONTROL PANEL IN ACCORDANCE WITH

5. EQUIPMENT CONTROLLED VIA BOILER SYSTEM CONTROL PANEL.

MEP/FP Engineers AVID ENGINEERS 205 Portland Street Boston, MA 02114 211 Scotland Place Nashville, TN 37205

www.avidengineers.com

STAMP:

DEVICE			/	ACCESSOF	RIES			
NONE	НОА	INDIC	CATING LIG	HTS	AUXILIARY (CONTACTS		
	HOA	RED	GREEN	AMBER	NO	NC	FEEDER	NOTES
	Х	х	х	х	2	2	3 #12 & 1 #12G, 3/4"C	NOTE-1
	х	х	х	х	2	2	3 #12 & 1 #12G, 3/4"C	NOTE-1
	х	х	х	х	2	2	3 #12 & 1 #12G, 3/4"C	NOTE-1
	х	х	х	х	2	2	3 #12 & 1 #12G, 3/4"C	NOTE-1

SCHEDULE OF VFD'S - NOTES (as specifically indicated above):

1. PROVIDE CIRCUITRY FROM LOAD SIDE OF VFD TO RESPECTIVE EQUIPMENT. PROVIDE CONNECTION / TERMINATION AT EQUIPMENT.

KENT COUNTY WATER AUTHORITY NEW OFFICE & MAINTENANCE BUILDING TECHNOLOGY WAY GREENWICH, RI 028 35 WEST (.22007a_KWCA_v22_lpenaloza94-kowa-logoFORDECAL_BlueColor-4005722.jpg PROJECT STATUS: **ISSUED FOR WEST** BIDDING DATE: 09/09/2022 PROJECT NO: 22007a DRAWN BY: CM CHECKED BY: AJD C 2022 VISION 3 ARCHITECTS THESE DOCUMENTS HAVE BEEN PREPARED SPECIFICALLY FOR THE PROJECT LISTED ABOVE. THEY ARE NOT SUITABLE FOR USE ON OTHER PROJECTS OR IN OTHER LOCATIONS WITHOUT APPROVAL AND PARTICIPATION OF VISION 3 ARCHITECTS. REPRODUCTION IS PROHIBITED. **REVISIONS:** 10/20/22 ADDENDUM 04

DRAWING TITLE:

DRAWING NO .:

ELECTRICAL SCHEDULE

E5.1

SHEET 2