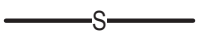
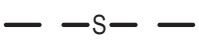




























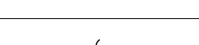
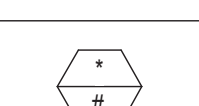


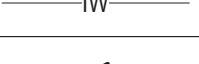








BIM 360://Kensico-Eastview Connector (KEC)/KSEB-P_MODEL_ARUP.rvt
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SYMBOLS	
SYMBOL	DESCRIPTION
	SANITARY PIPING BELOW GRADE
	SANITARY PIPING ABOVE GRADE
	VENT PIPING
	COLD WATER PIPING
	HOT WATER PIPING
	SHUT-OFF VALVE
	CHECK VALVE
	PRESSURE REDUCING VALVE
	VALVE IN VERTICAL
	PIPE DROP, RISE OR DOWN
	PIPE CONNECTION, TOP
	PIPE CONNECTION, BOTTOM
	PIPE UP
	"P" TRAP
	CLEANOUT
	CLEANOUT DECK PLATE
	CAPPED OUTLET
	DIELECTRIC UNION
	VENT THROUGH ROOF
	FLOOR DRAIN, AREA DRAIN
	HOSE BIBB
	WALL HYDRANT
	VACUUM BREAKER ASSEMBLY
	THERMOMETER
	PRESSURE GAUGE W/VALVE
	BACKFLOW PREVENTER
	FLOOR, AREA DRAIN (RISER)
	FRESH AIR INLET (FAI)
	METER
	DIRECTION OF FLOW
	PIPE BREAK
	EQUIPMENT DESIGNATION
	FRESH AIR INLET
	INDIRECT WASTE PIPING
	ANGLE VALVE
	OS & Y VALVE
	OS & Y VALVE IN VERTICAL
	HOUSE TRAP
	CONCENTRIC REDUCER
	STRAINER Y-TYPE
	WATERTIGHT PIPE SLEEVE, BEAM PENETRATION

DRAIN SCHEDULE								
ITEM		DESCRIPTION	BASIS OF DESIGN MANUFACTURER	MODEL NO.	BODY MATERIAL	TOP COVER	GRATE OR STRAINER MATERIAL	DUTY
TYPE	NO.							
FD	1	FLOOR DRAIN	ZURN	Z505	DUCO CAST IRON	12" ROUND	CAST IRON	MEDIUM

NOTES:
1. PROVIDE W/ TRAP SEAL DEVICE ZURN MODEL # Z1072

			DESIGNED BY: ER	DRAWN BY: ER
			CHECKED BY: RP	
			DESIGN LEAD: RICHARD POTTER, PE	
			SECTION MANAGER:	
1	07/23	ADDENDUM #2	RPRP	
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.	


ARUP



ACCOUNTABLE MANAGER JUSTIN RIVELLINO
PORTFOLIO MANAGER LAUREN D'ATTILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE

"WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION, 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION, 7209.2."


NEW YORK CITY
ENVIRONMENTAL PROTECTION
BUREAU OF ENGINEERING DESIGN & CONSTRUCTION
96-05 HORACE HARDING EXPRESSWAY 5th FLOOR
CORONA, NEW YORK 11368
www.nyc.gov/dep



ADDENDUM NO. 2

DATE ISSUED: 07/2023

GRAPHIC SCALES CHECK BEFORE USE	VERTICAL DATUM CONVERSION (ft) +1.28 = BWS 0 = NAVD88
IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY	



CONTRACT KENS EAST-2
KENSICO SITE PREPARATION

PLUMBING
ELECTRICAL BUILDING
SYMBOL LIST, NOTES, LEGENDS & SCHEDULES

DATE: JULY 2023
SCALE: AS NOTED
SHEET NO:
DRAWING NO.
KSEB-P-001.01

GENERAL NOTES

- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO 2020 NYS PLUMBING CODE AND APPLICABLE LOCAL CODES AND REGULATIONS.
- DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED. FOLLOW DRAWINGS IN LAYING OUT WORK AND CHECK DRAWINGS OF OTHER TRADES RELATING TO WORK TO VERIFY SPACE IN WHICH WORK WILL BE INSTALLED. MAINTAIN HEADROOM AND SPACE CONDITIONS AT ALL TIMES.
- COORDINATE PLUMBING SYSTEMS WITH WORK OF ALL OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION. PROVIDE ALL FITTINGS, OFFSETS, AND TRANSITIONS AS REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
- FOR EXACT LOCATION OF PLUMBING FIXTURES REFER TO ARCHITECTURAL DRAWINGS AND DETAILS.
- PRIOR TO BURYING ANY PIPING, PIPES MUST BE INSPECTED BY THE ENGINEER.
- ANY PIPE THAT PASSES UNDER A FOOTING SHALL BE PROVIDED WITH A RELIEVING ARCH.
- ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS AND APPLICABLE CODES. PROVIDE ALL FITTINGS, TRANSITIONS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
- MAINTENANCE LABEL SHALL BE AFFIXED TO ALL PLUMBING EQUIPMENT AND A MAINTENANCE MANUAL SHALL BE PROVIDED TO OWNER.
- THE CONTRACTOR SHALL VISIT THE JOB SITE TO DETERMINE EXISTING CONDITIONS, BECOME FULLY FAMILIAR WITH PLUMBING INSTALLATION, COMPARE SAME WITH DRAWINGS AND SPECIFICATIONS AND SATISFY HIMSELF OF ALL CONDITIONS PRIOR TO SUBMISSION OF A BID PROPOSAL. SUBMISSION OF A COST PROPOSAL (BID) WILL BE JUDGED AS EVIDENCE THAT SITE EXAMINATION HAS BEEN MADE. CLAIMS FOR EXTRA COSTS FOR LABOR, EQUIPMENT, OR MATERIALS REQUIRED, OR FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD SUCH EXAMINATION BEEN MADE WILL NOT BE RECOGNIZED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY PERMITS INCLUDING BUT NOT LIMITED TO ENTERING MANHOLES, USE OF WATER FROM LOW PRESSURE HYDRANTS, DEMOLITION AND NEW WORK, ETC. PRIOR TO COMMENCE OF WORK.

PLUMBING FIXTURE SCHEDULE								
ITEM		DESCRIPTION	CW INTLET SIZE	TEMPERED WATER	TEMPERED WATER TEMPERATURE	FLOW RATE (GPM)	MANUFACTURER	MODEL
TYPE	NO.							
ES	1	EMERGENCY SHOWER AND EYE/FACE WASH UNIT	-	1 1/4"	80°F	27	BRADLEY CORPORATION	S19314BB2CFEB
YH	1	NON-FREEZE YARD HYDRANT	1"	-			ZURN	Z1397XL

- NOTES:
- COMBINATION EMERGENCY SHOWER AND EYE/FACE WASH UNIT SHALL BE PROVIDED WITH INTEGRAL POWER AND ALARMS.
 - CONTRACTOR SHALL PROCURE COMBINATION EMERGENCY SHOWER AND EYE/FACE WASH UNIT AS A PACKAGED SYSTEM WITH ELECTRIC WATER HEATER, COMPLETE WITH INSULATION ON ALL EXPOSED PIPING.

WATER METER SCHEDULE						
ITEM		DESCRIPTION	SIZE	MANUFACTURER	MODEL NO.	NOTES
TYPE	NO.					
M	1	DOMESTIC WATER METER	2"	HONEYWELL	EVOQ4-LF	LOW FLOW ELECTROMAGNETIC METER, STAINLESS STEEL BODY, LCD DISPLAY

BACKFLOW PREVENTION SCHEDULE									
ITEM		DESCRIPTION	SERVICE	LOCATION	SIZE [IN]	MANUFACTURER	MODEL NO.	APPROVALS	NOTES
TYPE	NO.								
RPZ	1	REDUCED PRESSURE ZONE	DOMESTIC WATER	OUTDOOR HEATED ENCLOSURE	2	ZURN -WILKINS	375XL-AG	ASSE	THREADED CONNECTIONS, QUARTER-TURN BALL VALVES, AIRGAP ASSEMBLY REQUIRED

PRESSURE REDUCING VALVE SCHEDULE									
ITEM		DESCRIPTION	SERVICE	LOCATION	SIZE [IN]	MANUFACTURER	MODEL NO.	APPROVALS	NOTES
TYPE	NO.								
PRV	1	WATER PRESSURE REDUCING VALVE	DOMESTIC COLD WATER	OUTDOOR HEATED ENCLOSURE	2	ZURN	600XL-C-H LR	ASSE	TAPPED WITH GAUGE, COPPER SWEAT CONNECTION, 10 PSI TO 125 PSI SPRING RANGE, OUTLET PRESSURE SET TO 80 PSI

PLUMBING - EQUIPMENT SCHEDULE											
ITEM		DESCRIPTION	MANUFACTURER	MODEL NO.	DIMENSIONS			SYSTEM SERVED	ELECTRICAL		LOCATION
TYPE	NUMBER				LENGTH	WIDTH	HEIGHT		Watts	V	
HBE	1	HEATED BACKFLOW PREVENTER ENCLOSURE	HUBELL	DURAFOLD CUSTOM	1'-9"	7'-4"	3'-4 1/2"	DOMESTIC WATER	1500.0	120	BUILDING EXTERIOR
										NOTES	
										DURAFOLD ALUMINUM HINGED ENCLOSURE, WITH DRAIN PORT, HEAT PROVIDED BY 1500 WATT, 120V SINGLE PHASE HEATER	

WATER HEATER SCHEDULE											
ITEM		EQUIPMENT DESCRIPTION	TEMP. IN [°F]	TEMP. OUT [°F]	ELECTRICAL			MANUFACTURER	MODEL NO.	NOTES	
TYPE	NO.				POWER [kW]	VOLTAGE [V]	PHASE [PH]				
EWH	1	ELECTRIC TANKLESS WATER HEATER	40	80	126	480	3	BRADLEY CORPORATION	SNA-126 3/480 D-N4X-D-AL3-SL-FDS-GF-PRS-YSS	PROVIDE WITH DIGITAL CONTROL, STACK LIGHT WITH DISTRIBUTED CONSTROL SYSTEM LINK, INTERNAL FUSED DISCONNECT, GROUND FAULT PACAKGE, ASME PRESSURE RELIEF VALVE, STAINLESS STEEL Y-STRAINER	

- NOTES:
- CONTRACTOR SHALL PROCURE COMBINATION EMERGENCY SHOWER AND EYE/FACE WASH UNIT AS A PACKAGED SYSTEM WITH ELECTRIC WATER HEATER, COMPLETE WITH INSULATION ON ALL EXPOSED PIPING.