GENERAL SPECIFICATION NOTES:

- A. ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODES.
- B. DOMESTIC WATER LINES SHALL BE TYPE L COPPER, LEAD FREE JOINTS. INSULATE ALL PIPING WITH PREFORMED FIBERGLASS PIPE INSULATION WITH ASJ COVER SIZED PER ENERGY CODE. ALL FITTINGS AND VALVES TO BE COVERED WITH PREFORMED PVC FITTING COVERS. ALL EXPOSED VERTICAL FIXTURE SUPPLY LINES TO BE COVERED WITH PVC JACKET TO 7' ABOVE FINISHED FLOOR.
- C. UNDERGROUND SANITARY AND VENT PIPING SHALL BE SERVICE WEIGHT CAST IRON, HUB AND SPIGOT WITH RUBBER GASKET PUSH JOINTS. ABOVE GROUND SANITARY AND VET PIPING SHALL BE DWV COPPER WITH DWV COPPER FITTINGS OR NO-HUB CAST IRON.
- D. IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS WITHIN THE BUILDING PRIOR TO COMMENCEMENT OF ALL DEMOLITION AND NEW WORK.
- E. IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO REMOVE AND REPLACE EXISTING CEILINGS WORK WITHIN THE BUILDING. THE CONTRACTOR SHALL REINSTALL THE CEILING SYSTEMS TO MATCH THE ORIGINAL INSTALLATION. ANY CEILING SYSTEM COMPONENT DAMAGED DURING DEMOLITION, STORAGE, OR RE-INSTALLATION SHALL BE REPLACED WITH A NEW AT NO EXPENSE TO THE OWNER.
- F. ALL PIPING AND CONDUIT PENETRATIONS THRU RATED WALLS OR FLOORS SHALL BE PROVIDED WITH FIRE/SMOKE STOPPING.
- G. UNLESS SHOWN ON THE ARCHITECTURAL DRAWINGS, IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO PATCH AND FINISH ALL EXISTING PIPE PENETRATIONS AND TRENCHING THRU FLOOR AND WALLS AFTER DEMOLITION. IN ADDITION, ALL NEW PENETRATIONS AND TRENCHING SHALL BE PROVIDED FOR INSTALLATION OF PLUMBING SYSTEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, PIPING, ETC.
- H. UNLESS OTHERWISE INDICATED ON PLANS, PROVIDE WATER HAMMER ARRESTORS ON BRANCH PIPING TO EACH TOILET ROOM, LAUNDRY ROOM, SOLENOID VALVE, OR AS OTHERWISE REQUIRED BY CODE.

BIBLIA LEGELIB

PIPING	LEGEND	FIXTURES & FIT	TINGS LEGEND
xx	PIPING	——————————————————————————————————————	TEE OUTLET - UP
xx	PIPING BELOW GRADE		TEE OUTLET - DOWN
xx	EXISTING PIPING	——————————————————————————————————————	CONNECTION - BOTTOM
CW	COLD WATER	† —— ι η-	CONNECTION - TOP
HW	HOT WATER	↑ O 	ELBOW - TURNED UP
HWR	HOT WATER RECIRCULATING	C+	ELBOW - TURNED DOWN
SAN	SANITARY SEWER	E	PIPE CAP
AW	ACID WASTE		UNION
IW	INDIRECT WASTE		FLANGE
ST	STORM SEWER	——-Б	BALL VALVE
RDL	RAIN LEADER		BALL VALVE WITH MEMORY STOP
ORD	OVERFLOW ROOF DRAIN	—————————————————————————————————————	BALANCING VALVE
RD	ROOF DRAIN	—— <u>\</u>	CHECK VALVE
CA	COMPRESSED AIR	——————————————————————————————————————	BUTTERFLY VALVE
LA	LABORATORY COMPRESSED AIR	——————————————————————————————————————	CONTROL VALVE, PNEUMATIC 2-WAY
MA	MEDICAL COMPRESSED AIR	──	GATE VALVE
CL	CHLORINATED WATER		GLOBE VALVE
DE	DEIONIZED WATER	——————————————————————————————————————	PLUG VALVE
DI	DISTILLED WATER	P P	PRESSURE RELIEF VALVE
SW	SOFT WATER	-	TEMPERATURE-PRESSURE RELIEF VALVE
DWS	CHILLED DRINKING WATER SUPPLY		PRESSURE REDUCING VALVE
DWR	CHILLED DRINKING WATER RECIRCULATING	——————————————————————————————————————	COMBINATION VALVE (ISOLATION, CHECK, BALANCING)
LS	LAWN SPRINKLER SUPPLY		MOTOR OPERATED VALVE
DF	DIESEL FUEL	<u> </u>	SOLENOID OPERATED VALVE
FILL	FILL LINE		GAS PRESSURE REGULATOR
FOF	FUEL OIL FILL		REDUCER, CONCENTRIC
FOG	FUEL OIL GAUGE		REDUCER, ECCENTRIC
FOS	FUEL OIL SUPPLY	co I———	CLEAN OUT
FOR	FUEL OIL RETURN	FCO	FLOOR CLEAN OUT
LO		wco ⊩	WALL CLEAN OUT
WO	LUBRICATING OIL		
	WASTE OIL	HB #	HOSE BIBB
G	GAS - LOW PRESSURE	NFHB	NON FREEZE HOSE BIBB
MG	GAS - MEDIUM PRESSURE	NFWH #	NON FREEZE WALL HYDRANT
HG LPG	GAS - HIGH PRESSURE	YH / #	YARD HYDRANT
	LIQUEFIED PROPANE GAS	FD O	FLOOR DRAIN
NLG PG	NON-LEADED GASOLINE	<u> </u>	FUNNEL FLOOR DRAIN
RG	PREMIUM GASOLINE	FS O	FLOOR SINK
Н	REGULAR GASOLINE	RD O	ROOF DRAIN
	HUMIDIFICATION LINE	— <u>—</u>	PIPE GUIDE
O2	OXYGEN		PIPE ANCHOR
L02	LIQUID OXYGEN		FLEXIBLE PIPE CONNECTOR
N2	NITROGEN	FS	EXPANSION JOINT
N2O	NITROUS OXIDE	PS	FLOW SWITCH
CO2	CARBON DIOXIDE	AQ	PRESSURE SWITCH
VA	VACUUM		AQUASTAT
VPD	VACUUM PUMP DISCHARGE		PRESSURE GAUGE
MV	MEDICAL VACUUM	\rightarrow	
LV	LABORATORY VACUUM		PRESSURE GAUGE WITH SYPHON (STEAM)
WVC	WET VACUUM CLEANING	——— —	THERMOMETER
DVC	DRY VACUUM CLEANING		STRAINER
SP	FIRE PROTECTION/SPRINKLER		STRAINER WITH BLOWOFF
V	VENT	[*] ♀ v	VACUUM BREAKER
—— AV ———	ACID WASTE VENT	—— —	INLINE PUMP
—— GV ———	GAS VENT	— <u>A</u>	WATER HAMMER ARRESTER
—— FOV ———	FUEL OIL VENT		REDUCED PRESSURE ZONE
WOV	WASTE OIL VENT	RPZ	BACK FLOW PREVENTER
	PLUMBING TO BE REMOVED	DC DC	DOUBLE CHECK VALVE ASSEMBLY
		<u>T</u>	STEAM TRAP
		▼	SHOWER HEAD
			GAS OUTLET (O2, VACUUM, MEDICAL AIR)
		——————————————————————————————————————	SPRINKLER HEAD
		P	POINT OF CONNECTION



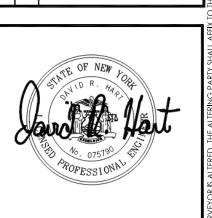
ARCHITECTURE SENGINEERING PLANNING

50 FRONT STREET, SUITE 202

NEWBURGH, NEW YORK 12550

TEL (800) 274-9000

	NO	, ω Ο Σ	
	DESCRIPTION	ADDEDENDUM NO 3	
	ВУ	% Y Y Y Y Y Y Y Y Y Y	
SNC	DATE	3/21/22	
EVISIONS	Q	-	



ELLENVILLECENTRAL SCHOOL DISTRICTOR CAPITAL IMPROVEMENT PROJECTOR

05/04/2021 BKM

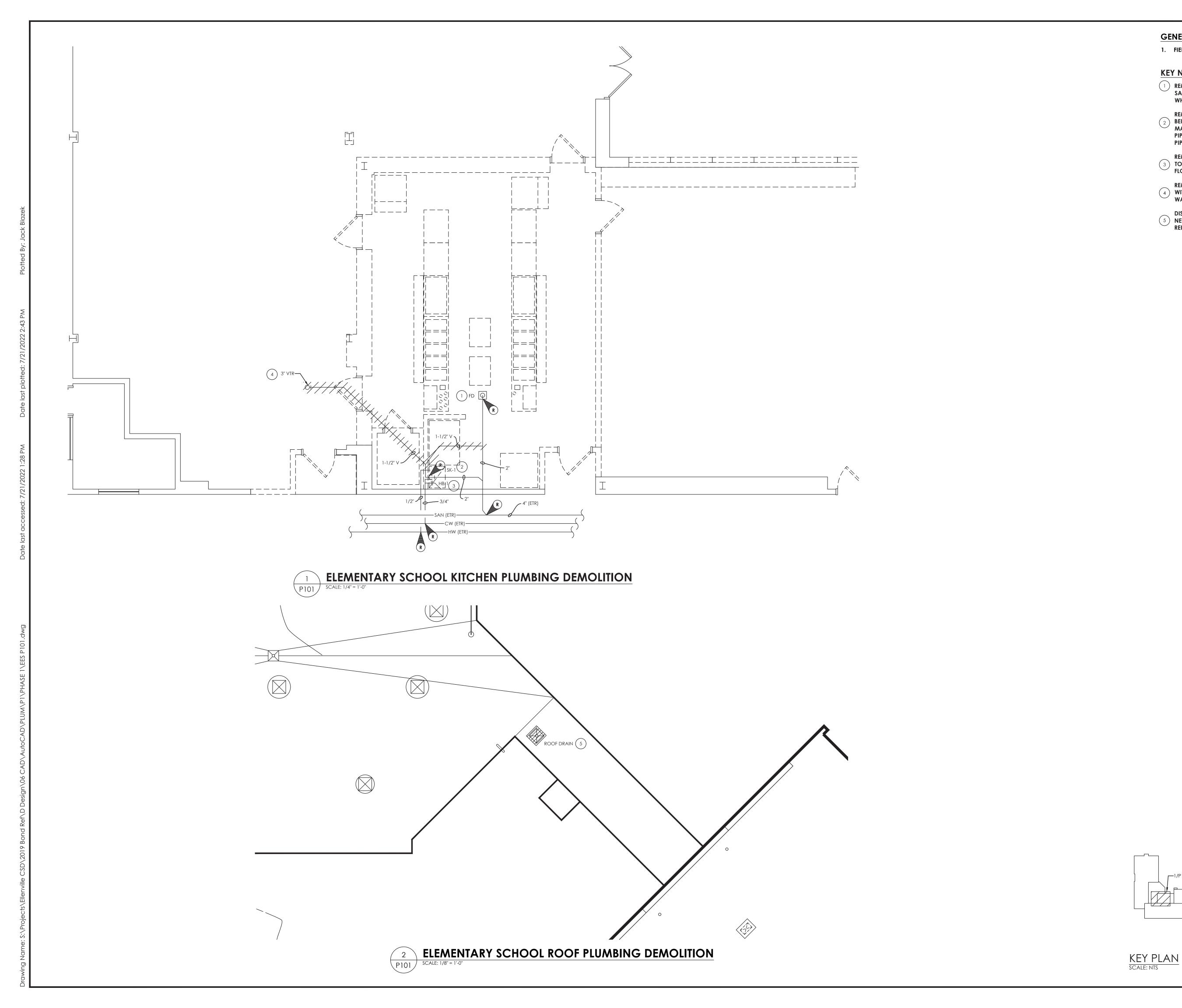
SCALE AS NOTED SHEET TITLE PLUMBING SYMBOLS LIST

14426.04

GEN DRAWING NUMBER

POINT OF CONNECTION

POINT OF REMOVAL



GENERAL NOTES:

1. FIELD VERIFY PIPE SIZES AND LOCATIONS PRIOR TO DEMOLITION.

KEY NOTES:

- (1) REMOVE EXISTING FLOOR DRAIN IN ITS ENTIRETY AND CAP SANITARY PIPING BELOW GRADE. PATCH HOLES IN FLOOR WHERE PIPES REMOVED, COORDINATE WITH G.C.
- REMOVE EXISTING SINK IN ITS ENTIRETY AND CAP SANITARY BELOW GRADE ,AND REMOVE DOMESTIC PIPING BACK TO MAIN IN PIPE TUNNEL. PATCH HOLES IN FLOOR/WALL WHERE PIPES REMOVED, COORDINATE WITH G.C. REMOVE VENT PIPING BACK TO VENT THROUGH ROOF.
- REMOVE EXISTING HOSE BIB AND COLD WATER PIPING BACK (3) TO MAIN IN PIPE TUNNEL BELOW CORRIDOR. PATCH HOLES IN FLOOR WHERE PIPES REMOVED, COORDINATE WITH G.C.
- REMOVE EXISTING VENT THROUGH ROOF. PATCH OPENING WITH LIKE CONSTRUCTION. MAINTAIN ALL EXISTING ROOF WARRANTIES.
- DISCONNECT EXISTING ROOF DRAIN TO ACCOMMODATE NEW ROOF WORK AND ROOF SUPPORTS. SAVE FOR REINSTALLATION. COORDINATE WITH G.C.



CPLteam.com ARCHITECTURE - ENGINEERING - PLANNING

50 FRONT STREET, SUITE 202

NEWBURGH, NEW YORK 12550

TEL (800) 274-9000

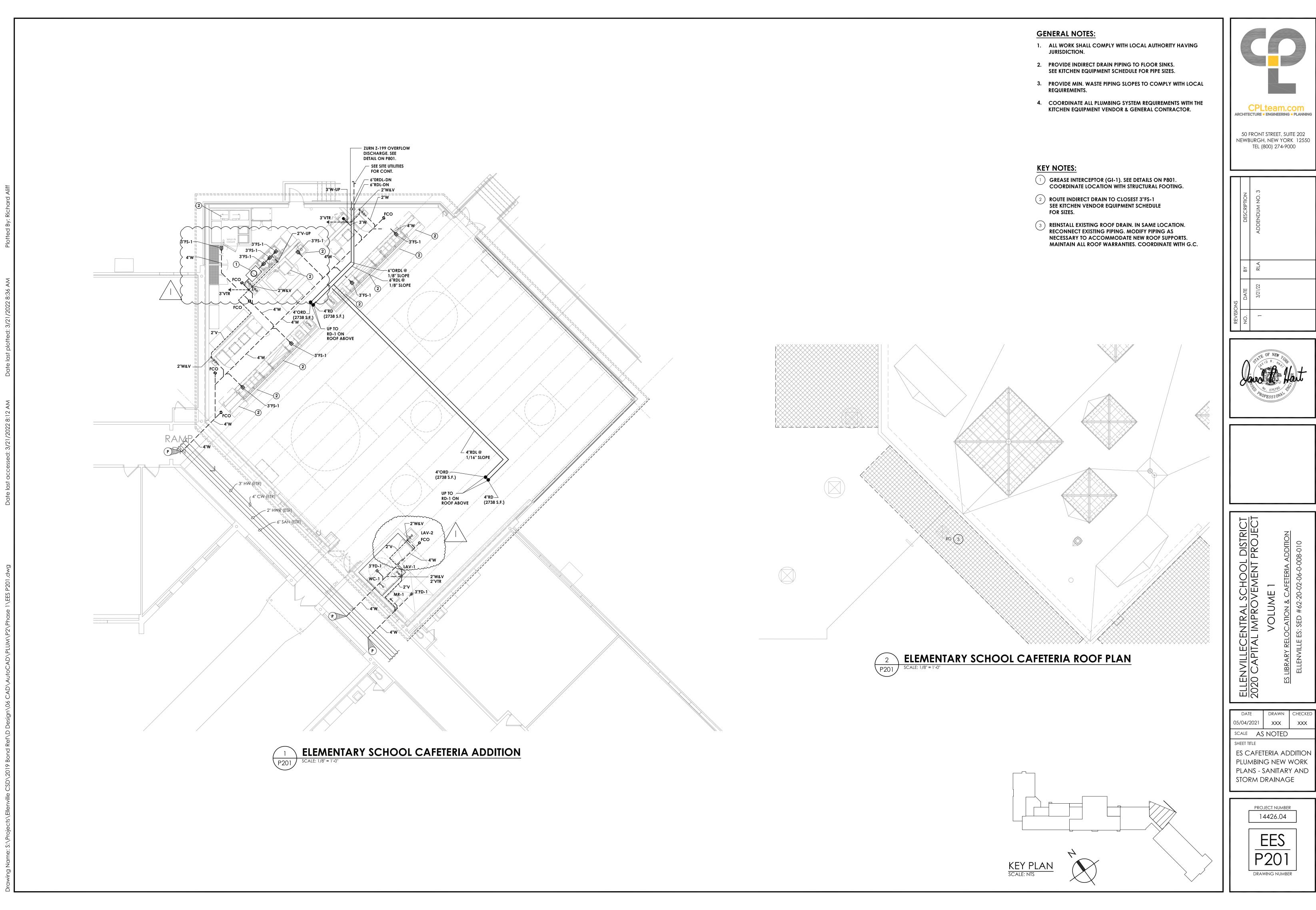
ELLENVILLECENTRAL SCHOOL DISTRICT 2020 CAPITAL IMPROVEMENT PROJECT

05/04/2021 BKM SCALE AS NOTED

EXISTING KITCHEN PLUMBING DEMOLITION

> PROJECT NUMBER 14426.04

EES



50 FRONT STREET, SUITE 202 NEWBURGH, NEW YORK 12550 TEL (800) 274-9000



DRAWING NUMBER

GENERAL NOTES:

- 1. ALL WORK SHALL COMPLY WITH LOCAL AUTHORITY HAVING JURISDICTION.
- 2. PROVIDE BACKFLOW DEVICES AT EQUIPMENT PER LOCAL REQUIREMENTS. INCLUDING INSTALLATION REQUIREMENTS.
- 3. PROVIDE TEMPERATURE MIXING VALVES AT EACH HAND SINK IF THE SERVICE TEMPERATURE EXCEEDS 110 F FROM THE SUPPLY
- 4. PROVIDE SHOCK / WATER HAMMER ARRESTOR AT THE TOP OF EACH COLD & HOT WATER DROP AT EACH LOCATION.
- 5. COORDINATE ALL PLUMBING SYSTEM REQUIREMENTS WITH THE KITCHEN EQUIPMENT VENDOR & ALL OTHER APPLICABLE TRADES.

ARCHITECTURE - ENGINEERING - PLANNING

50 FRONT STREET, SUITE 202 NEWBURGH, NEW YORK 12550 TEL (800) 274-9000

	DESCRIPTION	
	ВҮ	
SNC	DATE	
REVISIONS	NO.	

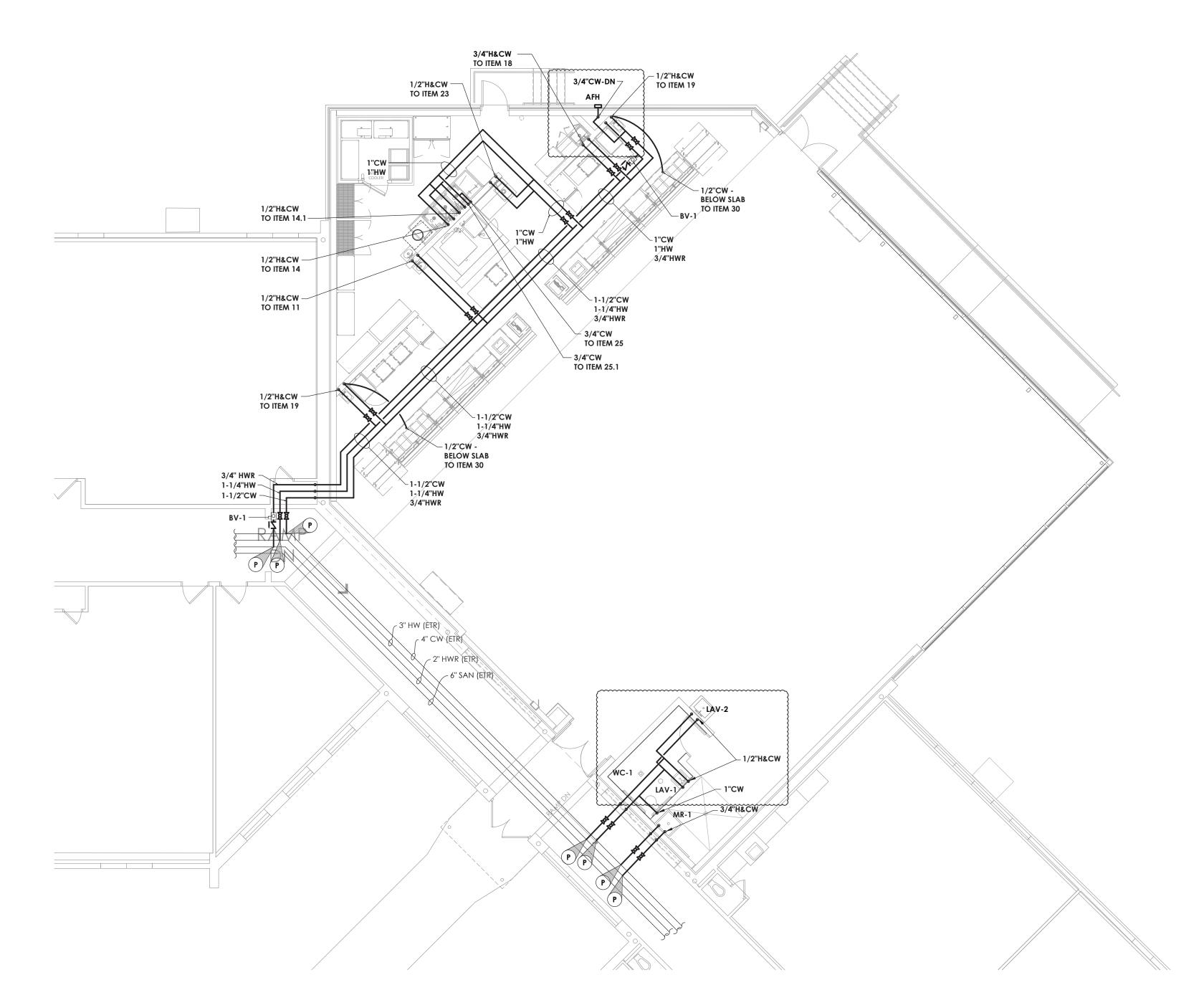
ELLENVILLECENTRAL SCHOOL DISTRICT 2020 CAPITAL IMPROVEMENT PROJECT

05/04/2021 xxx SCALE AS NOTED

ES CAFETERIA ADDITION PLUMBING NEW WORK PLANS - DOMESTIC WATER

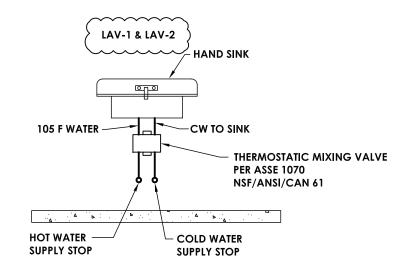
> PROJECT NUMBER 14426.04

> > EES P301 DRAWING NUMBER

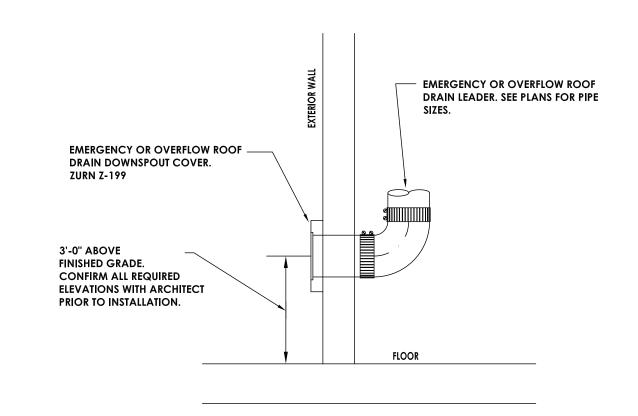


ELEMENTARY SCHOOL CAFETERIA ADDITION
SCALE: 1/8" = 1'-0"

4 3-COMPARTMENT SINK SCHEMATIC



HAND SINK MIXING VALVE







TEST REPORT

5001 East Philadelphia Street Ontario, California – USA 91761-2816 Ph: 909.472.4100 | Fax: 909.472.4243 http://www.iapmortl.org

Report Number: 1757-16008-002

March 3th, 2016

Schier Products Project Number: 26020 9500 Woodend Rd. Edwardsville, KS 66111 Contact: Charlie Ismert

Source of Samples: Samples were manufactured at the client's facility in Edwardsville, KS and witnessed tested by Dale E. Holloway of IAPMO R&T Lab. Samples are

Date of Testing: March 1st, 2016

Sample Description: Grease Interceptor.

Model: **GB-2 (50 gpm)**

Refer to the manufacturer's drawings and installation instructions for more

detailed measurements and information.

Scope of Testing: The above grease interceptor was witnessed tested to meet the requirements of ASME A112.14.3-2000 (Reaffirmed 2004) "Grease Interceptors" and CSA B481.1-12 "Testing and rating of grease

interceptors using lard".

manufactured in good condition.

The "GB-2 (50 gpm)" Grease Interceptor DID COMPLY with the requirements of ASME A112.14.3-2000 (Reaffirmed 2004) for "Grease

Interceptors" and CSA B481.1-12 "Testing and rating of grease interceptors using lard".

By the signature below, I certify that all the testing and preparation for this report was performed

under direct supervision of IAPMO R&T Lab, unless otherwise stated.

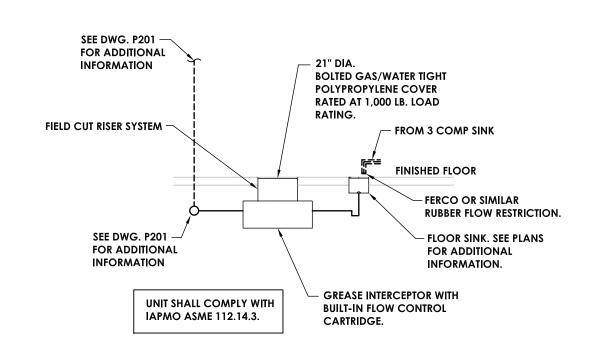
Witness tested and reported by,

Dale E. Holloway, Regional Technical Manager IAPMO R&T Lab

All testing and sample preparation for this report was performed under the continuous, direct supervision of IAPMO R&T Lab, unless otherwise stated. The observations, test results and conclusions in this report apply only to the specific samples tested and are not indicative of the quality or performance of similar or identical products. Only the Client shown above is authorized to copy or distribute the report, and then only in its entirety. Any use of the IAPMO R&T Lab name for the sale or advertisement of the tested material, product or service must first be approved in writing by IAPMO R&T Lab.

Page 1 of 10

GREASE INTERCEPTOR APPROVAL TESTING





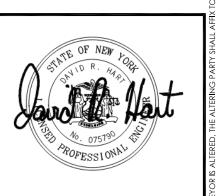
GREASE INTERCEPTOR SIZING					
EQUIP DESCRIPTION	EQUIP. NUM.	QTY.	PDI GPM	X" x Y" x Z" = C.I. /231 GAL. X 0.75 = GPM	GPM TOTAL
3-COMP SINK	1	1		20"x28"x18"x3 =10,080/231 x 0.75	98.18
				TOTAL	98.18
			GPM TO	TAL FOR 2 MINUTE RETENTION TIME	49.09
			MINIMUN	N GREASE CAPACITY IN GALLONS	49.09

GREASE INTERCEPTOR PDI SIZING

ARCHITECTURE SENGINEERING PLANNING 50 FRONT STREET, SUITE 202

NEWBURGH, NEW YORK 12550

TEL (800) 274-9000



ELLENVILLECENTRAL SCHOOL DISTRICT 2020 CAPITAL IMPROVEMENT PROJECT

05/04/2021 XXX XXX scale AS NOTED SHEET TITLE

ES CAFETERIA ADDITION PLUMBING DETAILS

> PROJECT NUMBER 14426.04

DRAWING NUMBER



- SHOCK ARRESTOR. SEE CHART FOR SIZING REQUIREMENTS. — SUPPLY TO FIXTURE

SHC	CK ARREST	OR SCHEDULE
P.D.I. SIZE	FIXTURE UNITS	MANUFACTURER OR EQUAL
'A'	1 - 11	ZURN, JOSAM, SMITH, PPI, INC.
'B'	12 - 32	"
,C,	33 - 60	"
'D'	61 - 113	n
	PRACTICES REQUIRE INSTALL DLING ADDITION AND AREA C	ATION OF SHOCK ARRESTORS OF RENOVATION.

PROVIDE AT ALL KITCHEN EQUIPMENT DROPS FOR HOT AND COLD WATER