

FAYETTE COUNTY PRESCHOOL CENTER - SANITARY RECONDITIONING

FAYETTE COUNTY PUBLIC SCHOOLS

465 Springhill Dr.
Lexington, KY 40503

COVER SHEET

CMTA JOB #:	XFPS23
DATE:	5/15/2023
DRAWN:	SLS
CHECKED:	CMR

REVISIONS

G-001

GENERAL INFORMATION

GOVERNING REGULATIONS

KENTUCKY BUILDING CODE2018
KENTUCKY PLUMBING CODE.....2020

PROJECT DESCRIPTION

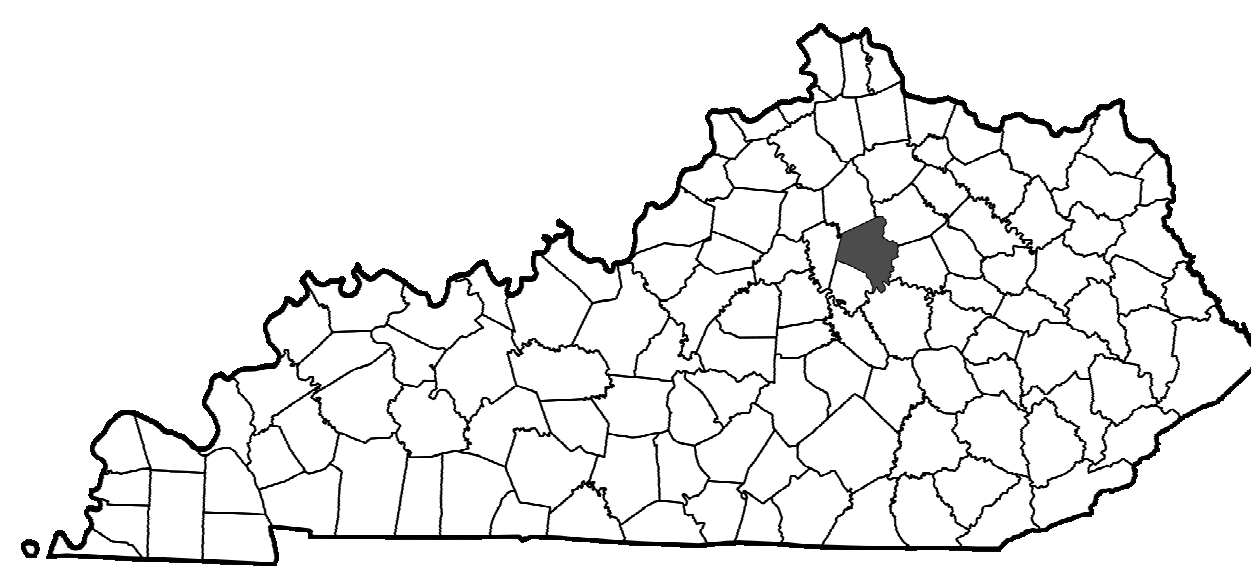
THE INTENT OF THIS PROJECT IS TO ADDRESS INADEQUATE SANITARY SEWER FLOW FROM THE PLUMBING FIXTURES OF THE BUILDING TO THE CITY'S MAIN SYSTEM. IT CONSISTS OF PLUMBING WORK REQUIRED TO RECONDITION THE SANITARY & VENT SYSTEM AND INCLUDES MINOR ALTERATIONS TO THE SYSTEM.

GENERAL NOTES

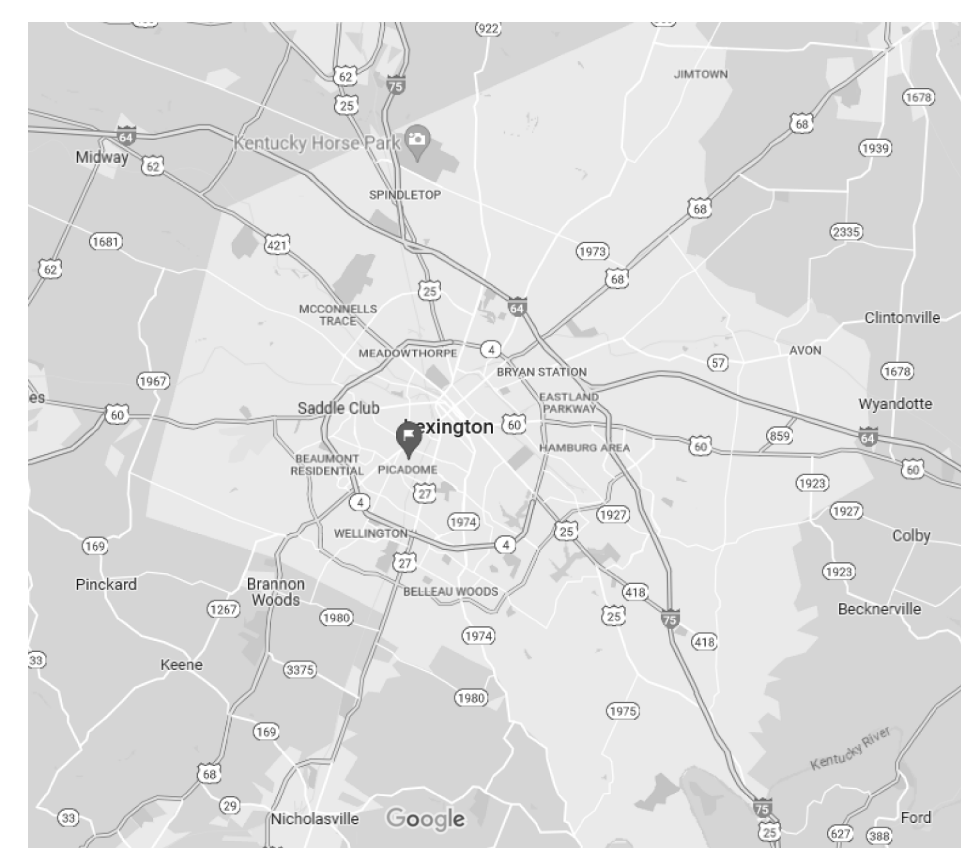
- A. BID INSTRUCTIONS
1. BASE BID SHALL INCLUDE JETTING AND DESCALING OF ALL 4 INCH SANITARY PIPES INSIDE THE BUILDING AND THE PIPING AS IT EXITS THE BUILDING UNTIL THE FIRST MANHOLE. IN THE BASE BID, THE CONTRACTOR SHALL INSTALL AN EXTERIOR CLEANOUT AS SHOWN. PROVIDE A CAMERA INSPECTION WITH THE OWNER AND ENGINEER PRESENT.
 2. ALTERNATE BID #1. CONTRACTOR SHALL PROVIDE PRICING AT THE TIME OF BID TO LINE THE EXTERIOR PIPING FROM THE EXTERIOR CLEANOUTS TO THE SEWER MAIN ON SITE. REFER TO DRAWING.
 3. ALTERNATE BID #2. CONTRACTOR SHALL PROVIDE PRICING TO LINE THE INTERIOR 4 INCH SANITARY PIPES. REMOVE AND REINSTALL FIXTURES AS NECESSARY. ALL EXISTING PIPES SHALL BE KEPT IN OPERATION WHEN THIS WORK IS COMPLETE.
 4. ALL WORK SHALL BE COMPLETED PRIOR TO JULY 28TH, 2023.

PROJECT LOCATION

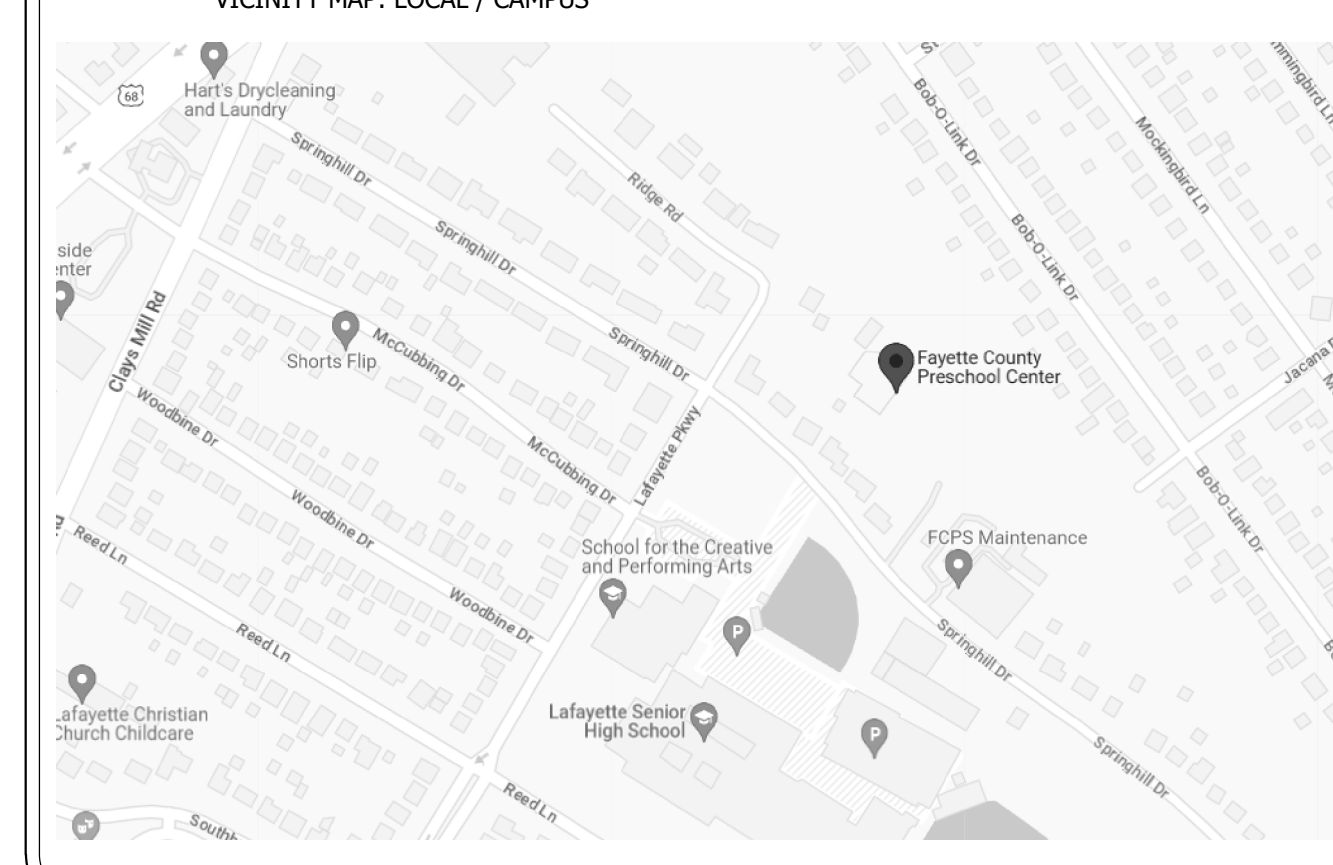
VICINITY MAP: STATE



VICINITY MAP: CITY



VICINITY MAP: LOCAL / CAMPUS

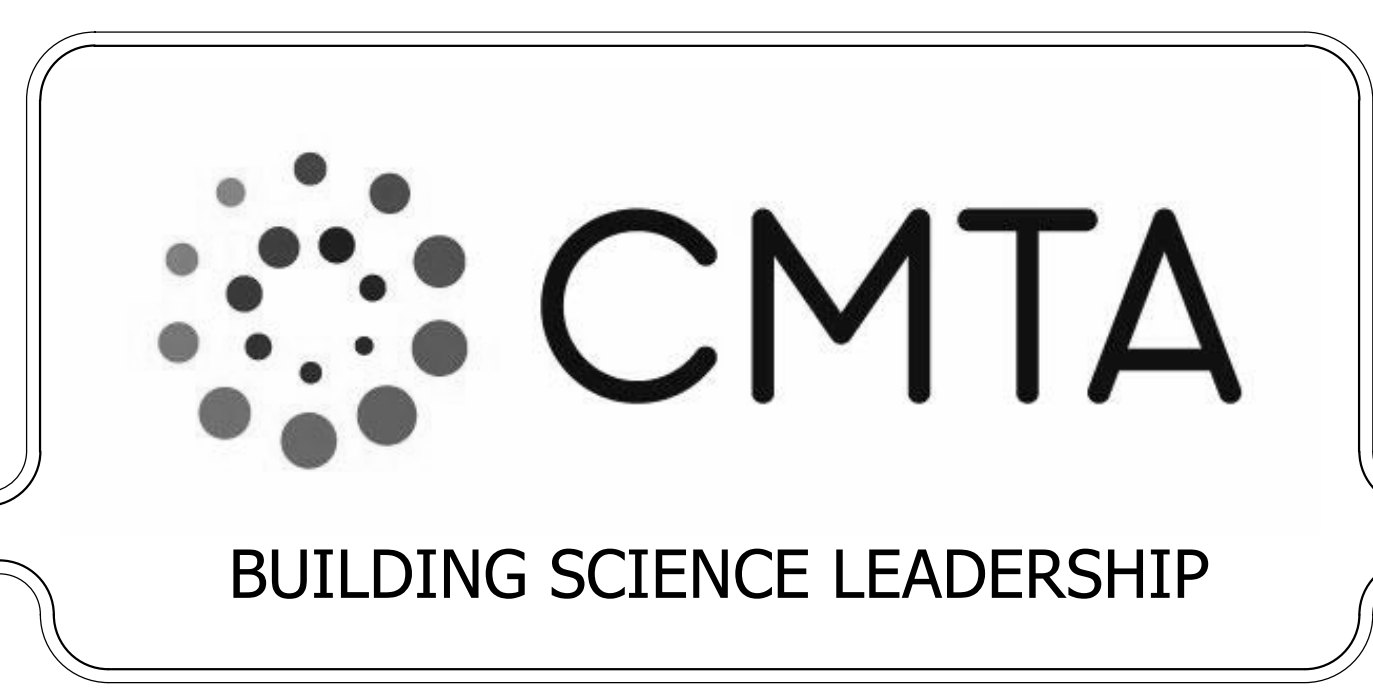


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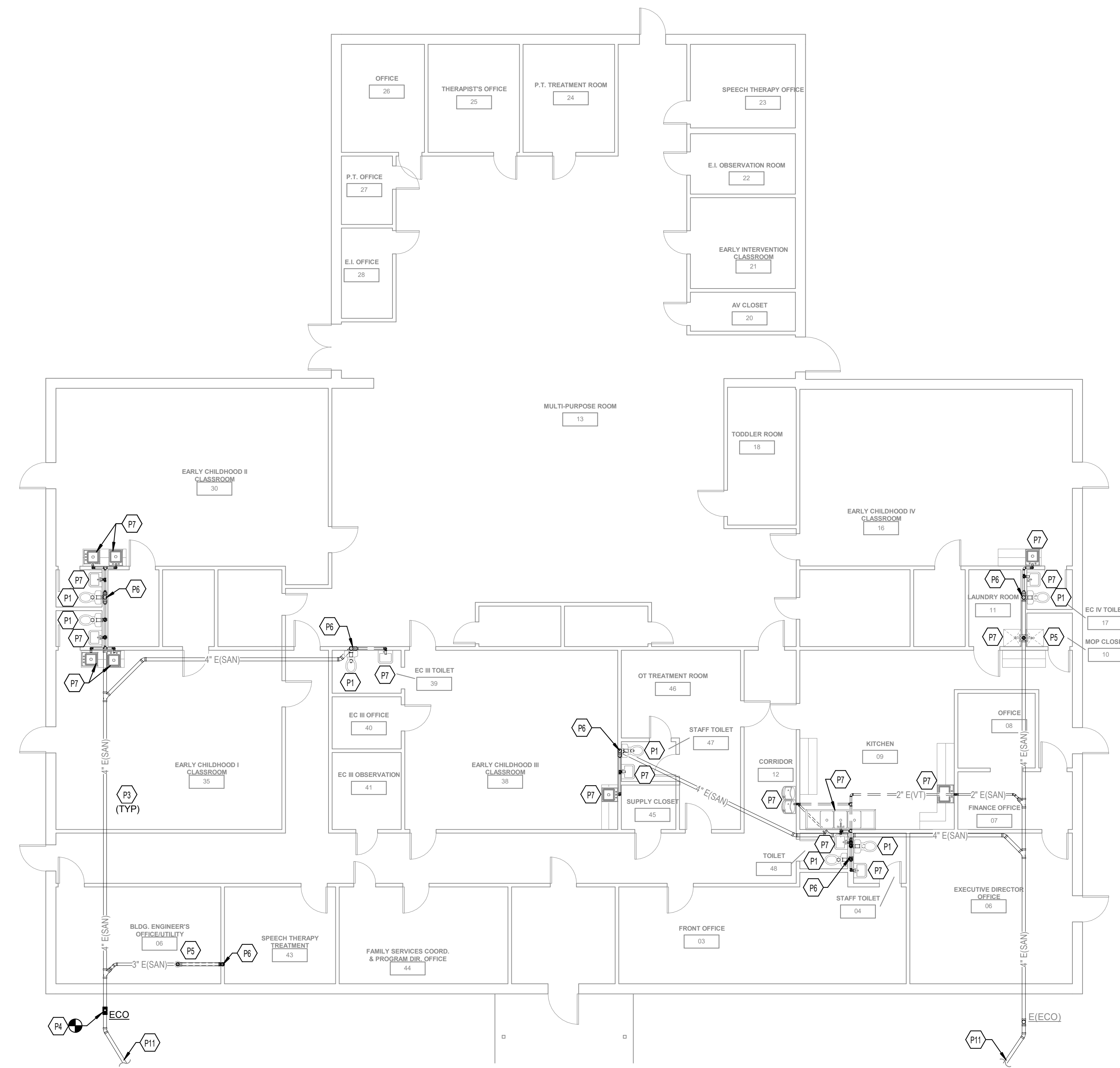
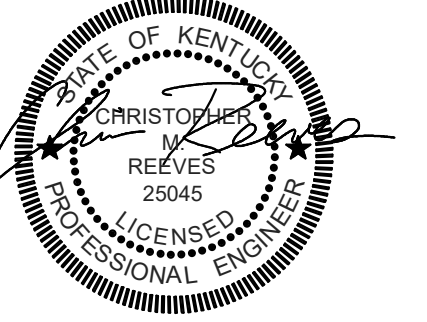
Construction Documents
5/15/2023

FCPS PROJECT MANAGER: MELINDA JOSEPH-DEZARN



CMTA Project Manager: Chris Reeves
(creeves@cmta.com)

Sheet List - Plumbing	
SHEET #	SHEET NAME
G-001	COVER SHEET
P-100	PLUMBING PLANS



1 PRESCHOOL FLOOR PLAN
SCALE: 1/8" = 1'-0"



2 SITE UTILITY PLAN
SCALE: 1" = 30'-0"

TAGGED NOTES

- P1 EXISTING PLUMBING FIXTURE TO BE REMOVED AS NECESSARY FOR EQUIPMENT ACCESS. REINSTALL FIXTURE AFTER FINAL FLUSHING HAS BEEN COMPLETED.
- P3 ALL SANITARY PIPING SHALL BE CLEARED OF ALL DEBRIS, ROOTS, AND MINERAL DEPOSITS USING JET NOZZLE AND PICOTE SOLUTIONS OR APPROVED EQUIVALENT DRAIN CLEANING EQUIPMENT TO REMOVE SCALING AND RESTORE EXISTING PIPE TO ITS ORIGINAL DESIGNED INSIDE DIAMETER. AFTER DESCALING, CONTRACTOR SHALL FLUSH PIPE TO REMOVE ANY REMAINING DEBRIS.
- P4 PROVIDE NEW TWO-WAY EXTERIOR CLEANOUT AT THIS LOCATION. EXISTING PLUMBING FIXTURE STRAINER TO BE REMOVED FOR EQUIPMENT ACCESS. REINSTALL FIXTURE AFTER FINAL FLUSHING HAS BEEN COMPLETED.
- P5 CONTRACTOR TO USE JET NOZZLE TO CLEAR ANY DEBRIS IN VENT PIPING.
- P7 REMOVE AND CLEAN EXISTING P-TRAP AT PLUMBING FIXTURE TO ACCESS SANITARY PIPING FOR DESCALING PROCESS. REINSTALL P-TRAP AFTER FINAL FLUSHING.
- P9 LIMIT OF PIPE DESCALING SHALL BE AT TIE-IN TO EXISTING MANHOLE.
- P10 END OF PIPE LINING IN ALTERNATE #1.
- P11 REFER TO SITE UTILITY PLAN ON THIS SHEET FOR CONTINUATION.
- P12 REFER TO PRESCHOOL FLOOR PLAN ON THIS SHEET FOR CONTINUATION.

PLUMBING SPECIALTIES

1. GENERAL
 - A. Each Mechanical Contractor's attention is directed to the General and Special Conditions, General Conditions-Mechanical and to all other Contract Documents as they apply to this branch of the work. Attention is also directed to all other sections of the Contract Documents which affect the work specified in this section.
 - B. The Plumbing Contractor shall provide all equipment and specialties complete with trim required and connect in a manner conforming to the Uniform Building Code.
 - C. All equipment and specialties shall be installed as recommended by the manufacturer.
 - D. All equipment and specialties shall be installed in a neat and workmanlike manner. Unacceptable workmanship shall be removed and replaced at the installing Contractor's cost.
2. DRAINAGE SPECIALTIES
 - A. GENERAL
 - (1) Provide all drainage specialties indicated, specified and/or required to provide complete and acceptable removal of all storm, sanitary, waste, laboratory waste, etc. from the building and into approved receptors.
 - B. PIPE AND PIPE FITTINGS
 - A. Soil, Waste and Vent Piping (Below Slab)
 - (1) Service weight cast iron hub and spigot piping with lead and oakum joints or compression gasket joints. Piping below slab shall be a minimum of 2" in size.
 - (2) Schedule 40 PVC pipe with drainage pattern fittings and solvent cement joints made in accordance with the Uniform Plumbing Code.
 - B. Soil, Waste and Vent Piping (Above Slab)
 - (1) Service weight hubless cast iron pipe with manufacturer's approved brands.
 - (2) Service weight cast iron hub and spigot piping with lead and oakum joints or compression gasket joints.
 - (3) Schedule 40 PVC pipe with drainage pattern fittings and solvent cement joints made in accordance with the Uniform Plumbing code.
 - C. Cleanouts (Exterior) (ECO)
 - (1) Provide exterior cleanouts at each location indicated and in the manner indicated. Permanently locate all exterior cleanouts with four (4) by four (4) inch solid concrete marker flush with grade labeled "CO". Exterior cleanouts shall be of the type indicated.

END OF SECTION.

PLUMBING GENERAL NOTES

- A. LOCATIONS OF EXISTING SANITARY PIPING HAVE BEEN ATTAINED BY VARIOUS SOURCES INCLUDING INITIAL CAMERA INSPECTION. LOCATIONS OF PIPING AND EQUIPMENT ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. EXACT PIPE ROUTING MAY VARY. CONTRACTOR TO FIELD VERIFY EXACT LOCATIONS.
- B. CONTRACTOR SHALL CAMERA INSPECT ALL LINES SHOWN TO VERIFY INTEGRITY OF THE EXISTING PIPING. IF ANY SECTION OF PIPE IS DETERMINED TO BE COMPROMISED, THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER TO DETERMINE THE NEXT COURSE OF ACTION.
- C. ALL PIPING TO BE RELINED SHALL BE CLEARED TO ENSURE PROPER INSTALLATION OF THE NEW LINER. ALL LATERAL AND BRANCH PIPING OPENINGS SHALL BE CUT INTO THE NEW LINER FROM INSIDE THE MAIN RELINED PIPING. ANY ADDITIONAL EXCAVATIONS NECESSARY TO PENETRATE THE RELINED PIPE SHALL BE AT THE CONTRACTOR'S EXPENSE. IF ANY ADDITIONAL FLOOR PENETRATIONS ARE NECESSARY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR THE EXISTING FLOOR BACK TO MATCH THE ORIGINAL CONDITIONS.
- D. ALL WORK REQUIRING DOWNTIME OF ANY AREA IN THE BUILDING SHALL BE SCHEDULED 2 WEEKS IN ADVANCE, AND SHALL COMPLY WITH INTERIM LIFE SAFETY MEASURES.
- E. ALL OFFSETS IN PIPING ARE NOT NECESSARILY SHOWN.
- F. THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY COMPANY FEES OR OTHER COSTS THAT ANY UTILITY COMPANY MAY REQUIRE TO COMPLETE THEIR WORK. (GAS, SEWER, WATER, ETC.).
- G. INSTALL ALL PIPING AND EQUIPMENT IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTION. IF IN CONFLICT WITH THE DESIGN INDICATED IN CONTRACT DOCUMENTS, ADVISE THE ENGINEERS PRIOR TO INSTALLATION FOR CLARIFICATION. PROVIDE RECOMMENDED ACCESS AND SERVICE CLEARANCES FOR ALL EQUIPMENT.
- H. PATCH, REPAIR AND PAINT OR PROVIDE WALL COVERING FOR (TO OWNER'S STANDARDS) EXISTING WALLS, CEILINGS, ETC., THAT ARE TO REMAIN IF DAMAGED DURING CONSTRUCTION. REPAIRS SHALL MATCH ADJACENT SURFACES TO THE SATISFACTION OF THE OWNER.
- I. OBSERVE ALL APPLICABLE CODES, RULES AND REGULATIONS THAT MAY APPLY TO THE WORK UNDER THIS CONTRACT. (CITY, COUNTY, LOCAL, FEDERAL, MUNICIPALITY, UTILITY COMPANY, COMMONWEALTH OF KENTUCKY, ETC.).
- J. WORK IN CONFINED AREAS SHALL BE IN ACCORDANCE WITH THE OWNER'S SAFETY POLICY REQUIREMENTS.
- K. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY EXCAVATION WORK REQUIRED TO LOCATE UNDERGROUND UTILITIES. THE CONTRACTOR IS ALSO REQUIRED TO NOTIFY ANY OTHER AFFECTED UTILITY OWNERS PRIOR TO DIGGING. IN THE EVENT OF ACCIDENTAL INTERRUPTION OF SERVICE, CONTRACTOR WILL IMMEDIATELY NOTIFY THE OTHER UTILITY OWNERS.
- L. CONTRACTOR SHALL CUT AND PATCH ALL PAVEMENT, CURBING, ETC. AS REQUIRED FOR WORK. CONTRACTOR SHALL REPAIR ALL LANDSCAPING THAT IS DAMAGED FOR WORK.
- M. THE CONTRACTOR SHALL EXERCISE EXTREME CARE IN THE COURSE OF THEIR WORK SO AS TO INSURE THAT THEY DO NOT INTERRUPT ANY EXISTING SERVICE. FOR SAFETY PURPOSES, PAY PARTICULAR ATTENTION TO THIS PRECAUTION RELATIVE TO NATURAL GAS AND ELECTRICAL LINES. VERIFY THE LOCATION, SIZE, TYPE, ETC., OF EACH UNDERGROUND OR OVERHEAD UTILITY. ALL WORK SHALL BE PERFORMED IN ACCORD WITH ALL FEDERAL, STATE AND/OR LOCAL RULES, REGULATIONS, STANDARDS AND SAFETY REQUIREMENTS. UTILITIES SHALL BE INSTALLED IN ACCORD WITH THE APPLICABLE MUNICIPALITY OR UTILITY COMPANY STANDARDS. IN ALL CASES, THE MOST STRINGENT REQUIREMENT SHALL APPLY.

PLUMBING SYMBOL LEGEND

	PIPE ELBOW TURNING UP
	PIPE ELBOW TURNING DOWN
	PIPE TEE: CONNECTION ON TOP
	PIPE TEE: CONNECTION ON BOTTOM
	SANITARY SEWER
	VENT
	EXISTING PIPING - (XXX) DENOTES SYSTEM
	SANITARY MANHOLE
	EXTERIOR CLEANOUT
	TAGGED NOTE DESIGNATOR
	CAST IRON
	CURED-IN-PLACE-PIPING
	MANHOLE
	POINT OF CONNECTION / CONNECT TO EXISTING

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