



Kenton County School District | *It's about ALL kids.*

Issue Paper

DATE:

01/21/2026

AGENDA ITEM (ACTION ITEM):

Consider / Approve the design development plans for the Taylor Mill Elementary renovation project (BG 26-253) from Emboss Design.

APPLICABLE BOARD POLICY:

01.1 Legal Status of the Board; 04.31 Authority to Encumber and Expend Funds; 702 KAR 4:160

HISTORY/BACKGROUND:

The Design Development (DD) plans for the Taylor Mill Elementary renovation project reflects the input of the KCSD team, architects from Emboss Design, civil engineers from Bayer Becker, and mechanical engineers from CMTA Engineering. The project is focused on HVAC upgrade/replacement, roof replacement, and interior and exterior renovations. There have been no significant changes from the schematic design approved by the Board on January 5, 2026 to the currently proposed design development documents and the estimated construction cost remains at \$15,000,000.

FISCAL/BUDGETARY IMPACT:

Estimated project cost of \$18,135,000.00 (\$15,000,000.00 estimate for actual construction costs).

RECOMMENDATION:

Approve the design development plans for the Taylor Mill Elementary renovation project (BG 26-253) from Emboss Design.

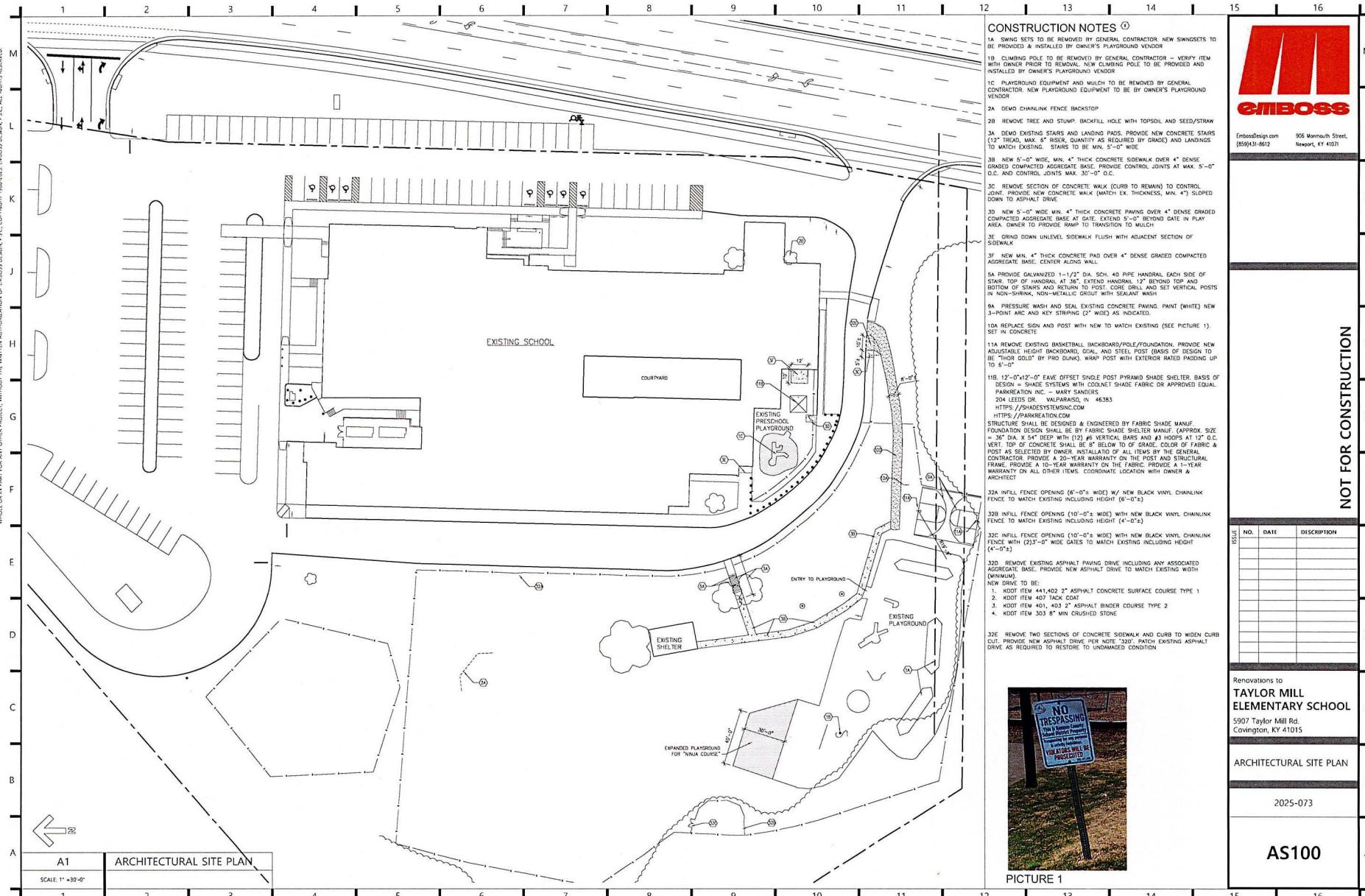
CONTACT PERSON:

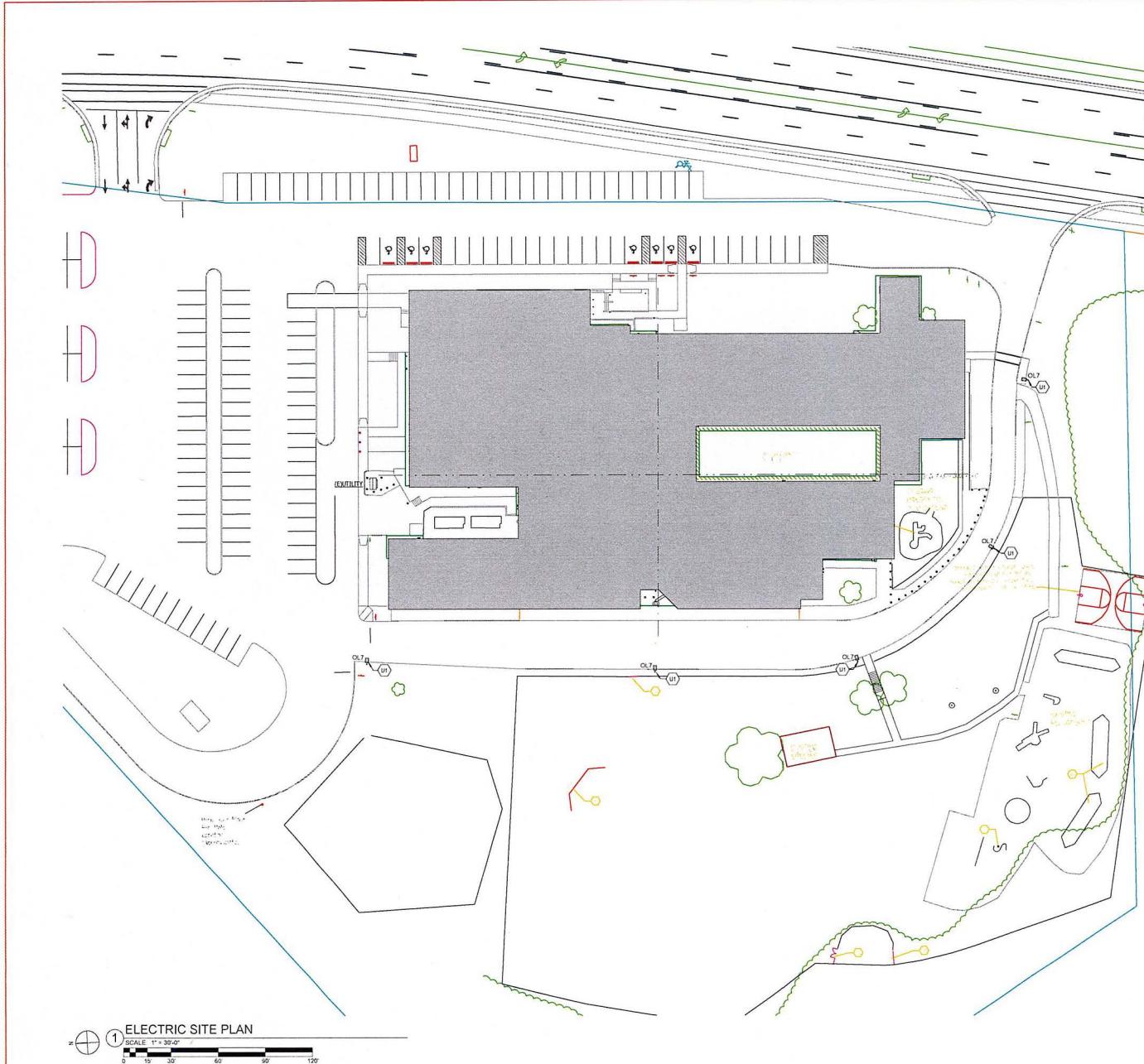
Matt Rigg, Chief Operations Officer

Principal/Administrator

Matt Rigg
District Administrator

J
Superintendent





TAGGED NOTES

01 REMOVE AND REPLACE EXISTING POLE-MOUNTED LIGHTING AT BUS LANE. UTILIZE EXISTING BASE. MAINTAIN EXISTING CIRCUITING AND CONTROL. PROVIDE NEW POLE AND LUMINAIRE HEAD AS NOTED IN LUMINAIRE SCHEDULE.



EmbossDesign.com
(859)431-8612
806 Monmouth Street,
Newport, KY 41071

NOT FOR CONSTRUCTION

Taylor Mill Elementary School

5907 Taylor Mill Rd.
Covington, KY 41015

NO.	DESCRIPTION	DATE
	Design Development	01/20/25

ELECTRICAL SITE PLAN

OKCS25-03



THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL CONTACT "KENTUCKY 811" (BEFORE YOU DIG") AT 1-800-424-8111 OR ONLINE AT www.ky811.org TO MARK utility locations prior to any construction. ANY CONTRACTOR OR SUBCONTRACTOR performing any type of excavation on this project to obtain an authorization number.

PRINT DATE 11/5/2024 2:22:24 PM

ES001

PLUMBING FIXTURE SCHEDULE											
Tag	Description	Manufacturer	Model	Faucet/Valve Manufacturer	Faucet/Valve Model	Activation	CW	HV	SN	Vent	Accessories
EWC1	ELECTRIC WATER COOLER	ELKAY	L20BWSK5	-	-	1/2"	-	1-1/2"	-	1-1/2"	REFRIGERATED & FILTERED DRINKING FOUNTAIN WITH BOTTLE FILLER, INSTALL AT EXISTING FIXTURE HEIGHT.
HB1	RESTROOM HOSE BIBB	-	-	ZURN	133XKL	3/4"	-	-	-	-	
LVI	WALL HUNG LAVATORY	AMERICAN STANDARD	0156.015	AMERICAN STANDARD	1340.119	METERING	1/2"	1/2"	1-1/2"	1-1/2"	PROVIDE 1/2"TRAP, CHROME ANGLE STOPS, STAINLESS STEEL BRAIDED HOSES AND GRID STRAINER, 0.5GPM PLUSH METERING FAUCET, PROVIDE ASSESS 10/10 POINT OF USE MIXING VALVE.
LV2	WALL HUNG LAVATORY - CHILD HEIGHT	AMERICAN STANDARD	0156.015	AMERICAN STANDARD	1340.119	METERING	1/2"	1/2"	1-1/2"	1-1/2"	PROVIDE 1/2"TRAP, CHROME ANGLE STOPS, STAINLESS STEEL BRAIDED HOSES AND GRID STRAINER, 0.5GPM PLUSH METERING FAUCET, PROVIDE ASSESS 10/10 POINT OF USE MIXING VALVE.
LV3	LAVATORY ACCESSORIES	-	-	AMERICAN STANDARD	1340.119	METERING	1/2"	1/2"	-	-	LAVATORY FIXTURE IS EXISTING TO REPAIR, REPLACE FAUCET WITH PLATE, REPAIR PLATE, PROVIDE NEW STANDARD METERING FAUCET AND REPAIR PLATE, PROVIDE NEW STANDARD METERING FAUCET AND REPAIR PLATE, TRAP COVER.
LV4	WALL HUNG LAVATORY	AMERICAN STANDARD	0156.015	AMERICAN STANDARD	5502.175	MANUAL	1/2"	1/2"	1-1/2"	1-1/2"	PROVIDE 1/2"TRAP, CHROME ANGLE STOPS, STAINLESS STEEL BRAIDED HOSES AND GRID STRAINER, 0.5GPM PLUSH METERING FAUCET, PROVIDE ASSESS 10/10 POINT OF USE MIXING VALVE.
MS1	MOP SINK	FIAT	M582424	FIAT	8100A	MANUAL	3/4"	3/4"	3"	1-1/2"	PROVIDE MOP HANGER, HOSE BRACKET, STAINLESS STEEL BUMPER GUARDS, AND STAINLESS STEEL GUARD RAIL.
SKI	STAINLESS STEEL SINK	ELKAY	ELHMD1165SPD	CHICAGO FAUCETS	786-EB065-SABCIP	MANUAL	1/2"	1/2"	2"	1-1/2"	PROVIDE 1/2"TRAP, CHROME ANGLE STOPS, STAINLESS STEEL BRAIDED HOSES, AND GRID STRAINER, 0.5GPM GOOSENECK FAUCET, PROVIDE ASSESS 10/10 POINT OF USE MIXING VALVE.
UR1	WALL HUNG URINAL	AMERICAN STANDARD	6590.001	SLOAN	6045.5051	BATTERY	3/4"	-	2"	1-1/2"	0.5GPM BATTERY FLUSH VALVE, PLATE, WALL CARRIER.
UR2	WALL HUNG URINAL - ADA	AMERICAN STANDARD	6590.001	SLOAN	6045.5051	BATTERY	3/4"	-	2"	1-1/2"	0.5GPM BATTERY FLUSH VALVE, PLATE, WALL CARRIER, AND BEAMS OPEN FRONT SEAT.
WC1	WALL HUNG WATER CLOSET	AMERICAN STANDARD	2257.101	SLOAN	111 SP5M-1.6	BATTERY	1/4"	-	4"	1-1/2"	1.6GPM BATTERY FLUSH VALVE, PLATE, PROVIDE WALL CARRIER AND BEAMS OPEN FRONT SEAT, MOUNT AT ADA HEIGHT.
WC2	WALL MOUNT WATER CLOSET - ADA	AMERICAN STANDARD	2257.101	SLOAN	111 SP5M-1.6	BATTERY	1/4"	-	4"	1-1/2"	1.6GPM MANUAL FLUSH VALVE, PROVIDE WALL CARRIER AND BEAMS OPEN FRONT SEAT, MOUNT AT ADA HEIGHT.

HAZARDOUS MATERIAL NOTE:

A. THE CONTRACTOR IS HEREBY ADVISED THAT IS POSSIBLE THAT ASBESTOS AND/OR OTHER HAZARDOUS MATERIALS ARE OR WERE PRESENT IN THE EXISTENCE AND/OR DISPOSAL OF THE PROPERTY, ETC., WHO ENCOUNTERS ANY MATERIAL, WHOSE CONTENT THEY ARE NOT CERTAIN SHALL PROMPTLY REPORT THE EXISTENCE AND LOCATION OF SUCH MATERIAL TO THE OWNER. THE CONTRACTOR SHALL INSURE THAT NO ONE COMES NEAR TO OR IN CONTACT WITH THE MATERIAL, AND THAT THE MATERIAL UNTIL ITS CONTENT CAN BE ASCERTAINED TO BE NON-HAZARDOUS.

B. CAN, INC. HAS NO EXPERTISE IN THE DETERMINATION OF THE PRESENCE OF ASBESTOS AND/OR OTHER HAZARDOUS MATERIALS. NO ATTEMPT HAS BEEN MADE BY CAN TO IDENTIFY THE EXISTENCE OR LOCATION OF ASBESTOS AND/OR OTHER HAZARDOUS MATERIALS. CAN, INC. OR ANY AFFILIATE OF HEREIN WILL NOT OFFER OR MAKE ANY WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THE EXISTENCE, OR THE HANDLING OR DISPOSAL, OF SUCH MATERIAL.

C. IF THE WORK WHICH IS TO BE PERFORMED INTERFERES, CONNECTS OR CONNECTS WITH ANY EXISTING COMPONENTS WHICH CONTAIN OR BEAR ANY HAZARDOUS MATERIALS, ASBESTOS AND/OR OTHER HAZARDOUS MATERIALS, THE CONTRACTOR IS RESPONSIBLE TO CONTACT THE OWNER AND SO ADVISE HIM/HER IMMEDIATELY.

D. THE CONTRACTOR BY EXECUTION OF THE CONTRACT FOR ANY WORK, AND/OR, BY THE ACCOMPLISHMENT OF ANY WORK, THEREBY AGREES TO BOUND HIMSELF TO THE FOLLOWING: (1) LIABILITY FOR ANY NEGLIGENCE, BREACH OF CONTRACT, INDEMNITY, OR ANY OTHER LIABILITY WHICH MAY BE ASSERTED AGAINST THE CONTRACTOR OR CONSULTANTS. ALSO, THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD HARMLESS ITS PRINCIPALS, EMPLOYEES, CONTRACTORS, SUBCONTRACTORS, CONSULTANTS, AND ANY OTHER CLAIMS WHICH MAY BE BROUGHT BY ANY SUBCONTRACTORS, SUPPLIERS, OR CONSULTANTS.

E. THE CONTRACTOR IS DIRECTED TO THE SPECIFICATIONS FOR FURTHER

PHASING NOTE:

A. **THIS PROJECT INTERFACES EXTENSIVELY WITH EXISTING BUILDING SERVICES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND PHASE ALL TIE-INS AND INTERFACES WITH EXISTING SERVICES. THE CONTRACTOR SHALL ELIMINATE DOWNTIME, ASAN EXAMINES, MAIN GAS SERVICE, WATER SERVICE, ELECTRICAL SERVICE, HVAC SERVICES, STEAM GENERATION, ETC., WILL BE AFFECTED AND REPLACED OR MODIFIED. THE CONTRACTOR SHALL NOT BE REQUIRED TO FULLY INSTALL ALL NEW SERVICES AND EQUIPMENT AND HAVE THEM TESTED AND FULLY RELIABLY FUNCTIONAL PRIOR TO TURNING OVER THE PROJECT TO THE OWNER. EXISTING SERVICES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CARE ANY AND ALL COSTS ASSOCIATED WITH THIS PHASING INCLUDING TEMPORARY SERVICES, TEMPORARY RELOCATION, PRE-ASSEMBLY, AND OTHER COSTS ASSOCIATED WITH THIS PHASING. THE CONTRACTOR SHALL NOT BE REQUIRED TO FULLY INSTALL SAID WORK WITH THE OWNER AND APPLICABLE UTILITIES PER**

PLUMBING DEMOLITION NOTES

SYMBOLS & ABBREVIATIONS

A, AIR	MEDICAL AIR		POINT OF CONNECTION
AFF	ABOVE FINISHED FLOOR		LIMIT OF DEMOLITION
AFR	ABOVE FINISHED ROOF		PIPE ELBOW TURNING UP/TURNING DOWN
CL	CAST IRON		PIPE TEE TURNING UP/TURNING DOWN
CO2	CARBON DIOXIDE		MEDICAL AIR
CW	DOMESTIC COLD WATER		COMPRESSED AIR
DN	DOWN		FORCED MAIN
EV	EVACUATION (WASTE ANESTHETIC GAS DISPOSAL)		FIRE PROTECTION LINE
FHV	FIRE HOSE VALVE WITH CABINET		GAS LINE
FPWH	FREEZE PROOF WALL HYDRANT		SANITARY WASTE PIPING TO GREASE TRAP
HB	HOSE BIBB		OXYGEN PIPING
HW	DOMESTIC HOT WATER		OVERFLOW STORM PIPING
IAW	IN ACCORDANCE WITH		PRIMARY STORM PIPING
ID	INSIDE DIMENSION		SANITARY WASTE PIPING
IE	INVERT ELEVATION		STORM SEWER PIPING
LPA	LINE PRESSURE ALARM (MEDICAL GAS AREA ALARM)		VACUUM PIPING
MH	MANHOLE		VENT PIPING
MSA	MULTI-SINGLE ALARM (MEDICAL GAS MASTER ALARM)		EXISTING PIPING (THIN LINE)
NTS	NOT TO SCALE		ABANDONED EXISTING PIPING (THIN LINE)
NIC	NOT IN CONTRACT		DOMESTIC COLD WATER PIPING
NO	NORMALLY OPEN		DOMESTIC HOT WATER SUPPLY
NC	NORMALLY CLOSED		DOMESTIC RECYCLING/HOT WATER
O, OX	OXYGEN		CLEANOUT IN CEILING SPACE
OD	OUTSIDE DIMENSION		FLOOR CLEANOUT
OFCl	OWNER FURNISHED, CONTRACTOR INSTALLED		EXTERIOR CLEANOUT
OFI	OWNER FURNISHED, OWNER INSTALLED		BALANCING VALVE
CFCl	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED		BALL VALVE
OR	OPEN RECEPTACLE		CIRCULATION PUMP
ORL	OVERFLOW ROOF LEADER		SAFETY RELIEF VALVE
PRV	PRESSURE REDUCING VALVE (STEAM, WATER, OR GAS)		OS&Y (GATE) VALVE
PSI	POUNDS PER SQUARE INCH		PRESSURE REDUCING VALVE (GAS, WATER, ETC.)
RHW	DOMESTIC RECYCLING/HOT WATER		STRAINER
RL	ROOF LEADER		CHECK VALVE
SCW	SOFT DOMESTIC COLD WATER		DOUBLE CHECK VALVE ASSEMBLY
SR	SANITARY RISER		PIPING UNION
TB	THRUST BLOCK		FLOOR DRAIN DESIGNATOR
TE	TOP ELEVATION		ROOF DRAIN DESIGNATOR
TP	TRAP PRIMER		PLUMBING FIXTURE DESIGNATOR
TYP	TYPICAL		EQUIPMENT TAG DESIGNATOR
UON	UNLESS OTHERWISE NOTED		TAGGED NOTE DESIGNATOR
V, VAC	VACUUM		REVISION DESIGNATOR

Taylor Mill Elementary School

55907 Taylor Mill Rd.
Covington, KY 41015

PLUMBING LEGEND

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P001

GENERAL REQUIREMENTS

GENERAL ROUGH-IN AND CABLING PATHWAY REQUIREMENTS:

GENERAL CABLING REQUIREMENTS:

CABLE RATING REQUIREMENTS:

- A. CABLE RATING REQUIREMENTS:
 - A. ALL CABLE SHALL BE RATED FOR THE ENVIRONMENT IN WHICH IT IS INSTALLED PER NEC REQUIREMENTS.
 - B. ANY CABLE INSTALLED WITHIN A RETURN AIR PLenum SHALL BE PLUMED RATED (CMP), ANY CABLE DISCLOSED WITHIN A RETURN AIR PLenum THAT IS NOT RATED FOR SUCH SHALL BE REMOVED AND REINSTALLED IN A DIFFERENT PLenum AT THE CONTRACTOR'S EXPENSE.
 - C. CABLES INSTALLED UNDERGROUND OR IN CONCRETE ARE AND/OR DIRECTLY BURIED IN GROUND SHALL BE RATED FOR SUCH.
- B. CABLING GAUGE SHALL BE SIZED APPROPRIATELY TO OPERATE WITHIN THE VOLTAGE AND CURRENT RANGES PER NEC AND MANUFACTURER'S REQUIREMENTS.
- C. COLOR OF CABLES AND TERMINATIONS USED FOR ALL TECHNOLOGY WORK SHALL CONFORM TO THE DESIGNER'S AND OWNER'S REQUIREMENTS PRIOR TO PROCUREMENT AND INSTALLATION.

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UNLESS OTHERWISE NOTED	UON
OWNER FURNISHED CONTRACTOR INSTALLED	OFC
OWNER FURNISHED OWNER INSTALLED	OFO
CONTRACTOR FURNISHED CONTRACTOR INSTALLED	CFCI
CONTRACTOR FURNISHED OWNER INSTALLED	CFCO
ABOVE FINISHED FLOOR	AFF
ABOVE FINISHED 2ND FLOOR	AFG
CEILING MOUNTED DEVICE	CLO
FLOOR MOUNTED DEVICE	FLR
CONCRETE HANGER	CH
NOT ACCESSIBLE CEILING	TAC
TO ABOVE ACCESSIBLE HALLWAY/Corridor CEILING	TAHC
WIRE GUARD	WG
WEATHER PROOF EQUIPMENT / FIXTURE / DEVICE	WP
CABLE WITH BRADED ANGARD FOIL SHIELD	SH
BLOW FINGER TEST	BFT
DOOR SWING IN / OUT INDOOR	DSI

CABLE AND CONDUIT COLOR SCHEMES

SYSTEM	CABLE COLOR	JACK INSERT
DATA	BLUE	BLUE
WAP	GREEN	GREEN
SECURITY	PURPLE	PURPLE
SECURITY CAMERAS	YELLOW	YELLOW
AUDIO & VIDEO	ORANGE	ORANGE

LEGEND GENERAL NOTES...

LEGEND GENERAL NOTES:

- BASE SYMBOLS ARE USED TO REFERENCE THE FLOOR PLAN LOCATION AND PROPER ROUGH-IN AND CABLING REQUIREMENTS.
- DIMENSIONS SHOWN IN THE LEGEND ARE TYPICAL AND SHALL BE CONSIDERED "UNLESS OTHERWISE NOTED". THE SPECIFIC DIMENSIONS INDICATED ON THE FLOOR PLAN SHALL SUPERCEDE THE TYPICAL.
- DIMENSIONS SHALL BE TO CENTER OF BOX / DEVICE UD.

TECHNOLOGY LEGEND, SCHEDULE & NOTES

SYMBOL	DESCRIPTION	DEFAULT ROUGH-IN		CABLING TYPE/QUANTITY/NOTES			MISCELLANEOUS NOTES
		ELEVATION	BOX TYPE/SIZE	PATHWAY TYPE/SIZE	TYPE	QUANTITY	
	DATA OUTLET, NUMBER INDICATES QUANTITY OF DATA JACKS AND CABLES. R = BUILDING AUTOMATION SYSTEMS OUTLET, SEC = SECURITY SYSTEMS OUTLET.	18' AFF UDN	4"X BOX WITH 1 GANG DEVICE	1" CONDUIT TAAC	CAT 6	(1")	*MINIMUM (1) DATA PROVIDE (1) DEVICE GANG AND CONDUIT PATHWAY FOR EACH SET OF 4 CABLES
	DATA OUTLET WITH LOCAL INPUT, NUMBER INDICATES QUANTITY OF DATA JACKS AND CABLES. R = BUILDING AUTOMATION SYSTEMS OUTLET, SEC = SECURITY SYSTEMS OUTLET.	18' AFF UDN	4"X BOX WITH 1 GANG DEVICE	(2) 1 1/4" CONDUIT TAAC	CAT 6	(1")	*MINIMUM (1) DATA
	DATA OUTLET WITH LOCAL OUTPUT, NUMBER INDICATES QUANTITY OF DATA JACKS AND CABLES. R = BUILDING AUTOMATION SYSTEMS OUTLET, SEC = SECURITY SYSTEMS OUTLET.	18' AFF UDN	4"X BOX WITH 1 GANG DEVICE	(2) 1 1/4" CONDUIT TAAC	CAT 6	(1")	*MINIMUM (1) DATA
	VOICE OUTLET, NUMBER INDICATES QUANTITY OF VOICE JACKS AND CABLES. R = BUILDING AUTOMATION SYSTEMS OUTLET, SEC = SECURITY SYSTEMS OUTLET.	18' AFF UDN	4"X BOX WITH 1 GANG DEVICE	1" CONDUIT TAAC	CAT 6	(1")	*MINIMUM (1) VOICE PROVIDE (1) DEVICE GANG AND CONDUIT PATHWAY FOR EACH SET OF 4 CABLES
	WIRELESS ACCESS POINT, PROVIDE DATA OUTLET AT OR ABOVE CEILING, MOUNTING HEIGHTS TO BE DETERMINED. R = EXISTING CEILING OR EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.	ABOVE CEILING	4"X BOX WITH 1 GANG DEVICE	1" CONDUIT TAAC WHERE ACCESSIBLE CEILING	CAT 6A	(1")	PROVIDE A 29" SERVICE LOOP FOR ACCESS POINT. R = EXISTING CEILING OR EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.
	FLOOR DATA OUTLET, NUMBER INDICATES QUANTITY OF DATA JACKS AND CABLES. COORDINATE WITH DIVISION 26 CONTRACTOR.	FLOOR	1 GANG	1" CONDUIT TAAC OF INSTALLED FLOOR	CAT 6	(1")	*MINIMUM (1) DATA PROVIDE (1) DEVICE GANG AND CONDUIT PATHWAY FOR EACH SET OF 4 CABLES
	EQUIPMENT ROOM / MAIN DISTRIBUTION FRAME - REFERENCE DATA SYSTEM SCHEMATICS AND DETAILS FOR ADDITIONAL REQUIREMENTS	N/A	N/A	N/A			
	TELECOMMUNICATIONS ROOM / INTERMEDIATE DISTRIBUTION FRAME - REFERENCE DATA SYSTEM SCHEMATICS AND DETAILS FOR ADDITIONAL REQUIREMENTS	N/A	N/A	N/A			
	COMMUNICATIONS UTILITY ENTRANCE FACILITY - REFERENCE DATA SYSTEM SCHEMATICS AND DETAILS FOR ADDITIONAL REQUIREMENTS	N/A	N/A	N/A			
	TELECOM ROOM LADDER RACK, SIZE AS PROVIDED. PROVIDE AT LOCATIONS SHOWN. PROVIDE CABLE WATER FALLS WHERE CALLED OUT LADDER RACK IS TO BE REMOVED.	96"	N/A	N/A			
	LOW-VOLTAGE CONDUIT PATHWAY / RIBERS, SIZE AS INDICATED. PROVIDE AT LOCATIONS DEPICTED. PROVIDE WATER FALLS WHERE MULTIPLE CABLES ARE TO BE REMOVED.	N/A	N/A	N/A			
	CEILING MOUNTED SPEAKER, SEE DETAILS AND DIAGRAMS FOR ADDITIONAL INFORMATION. SUBSCRIPT Z = INTEGRAL VOLUME CONTROL.	CEILING	N/A	3/4" CONDUIT ABOVE NON-ACCESSIBLE CEILINGS		(1")	*SEE DETAILS
	CEILING SOUND SYSTEM CEILING MOUNTED SPEAKER, SEE DETAILS AND DIAGRAMS FOR ADDITIONAL INFORMATION. SUBSCRIPT Z = INTEGRAL VOLUME CONTROL.	CEILING	N/A	3/4" CONDUIT ABOVE NON-ACCESSIBLE CEILINGS		(1")	*SEE DETAILS
	SURFACE MOUNTED SPEAKER, SEE DETAILS AND DIAGRAMS FOR ADDITIONAL INFORMATION. R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.	90° AFF	4"X BOX WITH 1 GANG DEVICE	3/4" CONDUIT TAAC		(1")	*SEE DETAILS
	SURFACE MOUNTED HOWLER SPEAKER, SEE DETAILS AND DIAGRAMS FOR ADDITIONAL INFORMATION. R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.	90° AFF	4"X BOX WITH 1 GANG DEVICE	3/4" CONDUIT TAAC		(1")	*SEE DETAILS
	SURFACE MOUNTED HOWLER SPEAKER, SEE DETAILS AND DIAGRAMS FOR ADDITIONAL INFORMATION. R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.	48° AFF	4"X BOX WITH 1 GANG DEVICE	3/4" CONDUIT TAAC		(1")	*SEE DETAILS
	INTERCOMMUNICATION SYSTEM CALL INITIATION STATION, SEE DETAILS AND DIAGRAMS FOR ADDITIONAL INFORMATION	48° AFF	4"X BOX WITH 1 GANG DEVICE	3/4" CONDUIT TAAC		(1")	*SEE DETAILS
	WALL MICROPHONE OUTLET, SEE DETAILS AND DIAGRAMS FOR ADDITIONAL INFORMATION	18° AFF	4"X BOX WITH 1 GANG DEVICE	3/4" CONDUIT TAAC		*	*SEE DETAILS
	AUDIO CONNECTION OUTLET, SEE DETAILS AND DIAGRAMS FOR ADDITIONAL INFORMATION	18° AFF	4"X BOX WITH 1 GANG DEVICE	3/4" CONDUIT TAAC		*	*SEE DETAILS
	AUDIO AND VIDEO CONNECTION OUTLET, SEE DETAILS AND DIAGRAMS FOR ADDITIONAL INFORMATION. R = A QUANTITY OF ADDITIONAL REQUIRED DATA OUTLETS.	18° AFF	4"X BOX WITH 2 GANG DEVICE	(2) 1" CONDUIT TAAC	CAT 6A	*	*SEE DETAILS FOR QTY(S)
	DATA OUTLET WITH FLAT PANEL MONITOR, SEE DETAILS AND DIAGRAMS FOR ADDITIONAL INFORMATION. R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.	60° AFF	4"X BOX WITH 2 GANG DEVICE	(2) 1 1/4" CONDUIT TAAC	CAT 6	(1")	
	VIDEO SURVEILLANCE CAMERA, SEE DETAILS AND DIAGRAMS FOR ADDITIONAL INFORMATION. R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.	LOWER OF 12' BPC OR 96" AFF	4"X BOX WITH 1 GANG DEVICE	N/A			
	SYNCHRONOUS CLOCK HEADEND CONTROLLER	EQUIPMENT RACK	N/A	N/A	CAT 6	(1")	
	CARD PROXIMITY AUTHENTICATION READER, M = MULLEON MOUNT VERSION, COORDINATE WITH DOOR HARDWARE SCHEDULE. R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.	48° AFF	4"X BOX WITH 1 GANG DEVICE	3/4" CONDUIT TAAC	SH 6 COND	(1")	IF INTEGRAL TO DOOR HARDWARE, PROVIDE INTERCONNECTION TO DEVICE
	DOOR POSITION SWITCH, DONOT PULL DOUBLE THROW (DPT). PROVIDE DRAFT STOPPER, DONOT PULL DOUBLE THROW (DPT). R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.	TOP OF DOOR FRAME	N/A	3/4" CONDUIT TAAC	2 COND	(1")	IF INTEGRAL TO DOOR HARDWARE, PROVIDE INTERCONNECTION TO DEVICE
	ELECTRIC HARDWARE, MULTEON LOGIC, ELECTRICAL LOCK, PULL HARDWARE, PULL HARDWARE, ETC. R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.	HINGE SIDE OF DOOR FRAME	N/A	3/4" CONDUIT TAAC	2 COND	(1")	
	ELECTRIC STRIKE TYPE DEVICE, COORDINATE WITH DOOR HARDWARE SCHEDULE. R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.	STRIKE SIDE OF DOOR FRAME	N/A	3/4" CONDUIT TAAC	2 COND	(1")	
	REQUEST TO EXIT DEVICE, MOTION SENSING PRIME OR INTEGRATED WITH SECURITY SYSTEM. R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.	CENTERED ON DOOR	4"X BOX WITH 1 GANG DEVICE	3/4" CONDUIT TAAC	6 COND	(1")	IF INTEGRAL TO DOOR HARDWARE, PROVIDE INTERCONNECTION TO DEVICE
	SECOND DOOR LOCATION, SHALL INCLUDE THE DEVICE, ROUGH-IN, AND CABLES. R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.	SEE ABOVE	SEE ABOVE	3/4" CONDUIT TAAC			IF INTEGRAL TO DOOR HARDWARE, PROVIDE INTERCONNECTION TO DEVICE
	DOOR RELEASE PUSH BUTTON. R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.	UNDER DESK	4"X BOX WITH 1 GANG DEVICE	3/4" CONDUIT TAAC	2 COND	(1")	
	LOCAL ANNUNCIATOR ALARM / SOUNDER	CEILING / WALL	4"X BOX WITH 1 GANG DEVICE	3/4" CONDUIT TAAC	2 COND	(1")	
	DURESS ALARM BUTTON / SWTCH	UNDER DESK	4"X BOX WITH 1 GANG DEVICE	3/4" CONDUIT TAAC	4 COND	(1")	PROVIDE BLANK PLATE WITH GROMMET HOLE.
	DOOR INTERCOM MASTER STATION, W = WALL MOUNTED, R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.	DESK MOUNTED	4"X BOX WITH 1 GANG DEVICE	3/4" CONDUIT TAAC	CAT 6	(1")	
	AUDIO/VIDEO INTERCOM DOOR STATION, R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.	48"	4"X BOX	3/4" CONDUIT TAAC	CAT 6	(1")	*COORDINATE BOX REQUIREMENTS WITH SPECIFIC DEVICE TO BE PROVIDED
	VIDEO SURVEILLANCE SECURITY CAMERA, CEILING MOUNTED, M = MULTIVIEW FUNCTIONALITY, DV = DUAL-VIEW FUNCTIONALITY, R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.	CEILING	4"X BOX WITH 2 GANG DEVICE	3/4" CONDUIT TAAC	CAT 6	(1")	
	VIDEO SURVEILLANCE SECURITY CAMERA, WALL OR POLE MOUNTED, M = MULTIVIEW FUNCTIONALITY, DV = DUAL-VIEW FUNCTIONALITY, R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.	120° AFF OR AFG	4"X BOX WITH 2 GANG DEVICE	3/4" CONDUIT TAAC	CAT 6	(1")	
	ACCESS CONTROL PANEL, LOCATION	SURFACE MOUNT	N/A	N/A	CAT 6	(1")	PROVIDE HARD PIPED POWER TO POWER SUPPLY
	VIDEO SURVEILLANCE SERVER LOCATION	EQUIPMENT RACK	N/A	N/A	CAT 6	(1")	

PRINT DATE 1/16/2026 2:35:17

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5907 Taylor Mill Rd.
Covington KY 41015

**TECHNOLOGY LEGEND
SCHEDULE & NOTES**

OKGS2