ELIZABETHTOWN HIGH SCHOOL RESTROOM RENOVATION

Elizabethtown, Kentucky
for the

Elizabethtown Independent School District

620 N Mulberry St. Elizabethtown, Kentucky 42701
p 270.769.3381

BG # 21-290

RTA # 2121

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enhancing education through great design

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p 859.253.0892
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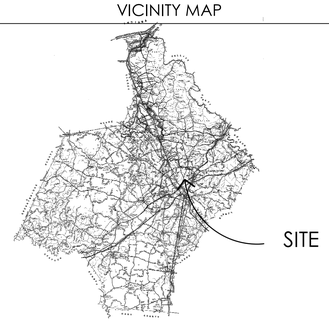
PROJECT SITE ADDRESS:

620 N Mulberry St.
Elizabethtown,
Kentucky
42701

VICINITY MAP



PROJECT VICINITY MAP

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COVER SHEET
ELIZABETHTOWN HIGH SCHOOL RESTROOM RENOVATION
FOR:
ELIZABETHTOWN INDEPENDENT SCHOOLS
ELIZABETHTOWN, KENTUCKY

BG# 21-290

Project No:	2121
Drawn By:	FB/TS
Rev'd By:	GH

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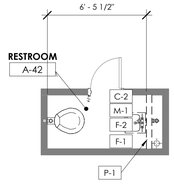
G0.0

COVER SHEET

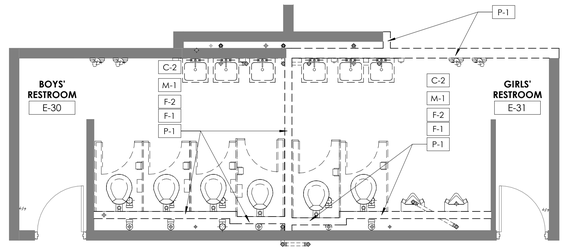
DATE ISSUED:
09/16/2021

REVISIONS

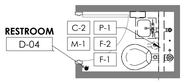
#	DATE	DESCRIPTION



MEDIA CENTER - DEMO PLAN
1/4" = 1'-0"
F D1.1



CAFETERIA RESTROOM - DEMO PLAN
1/4" = 1'-0"
B D1.1



COUNSELOR RESTROOM - DEMO PLAN
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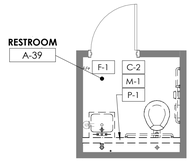
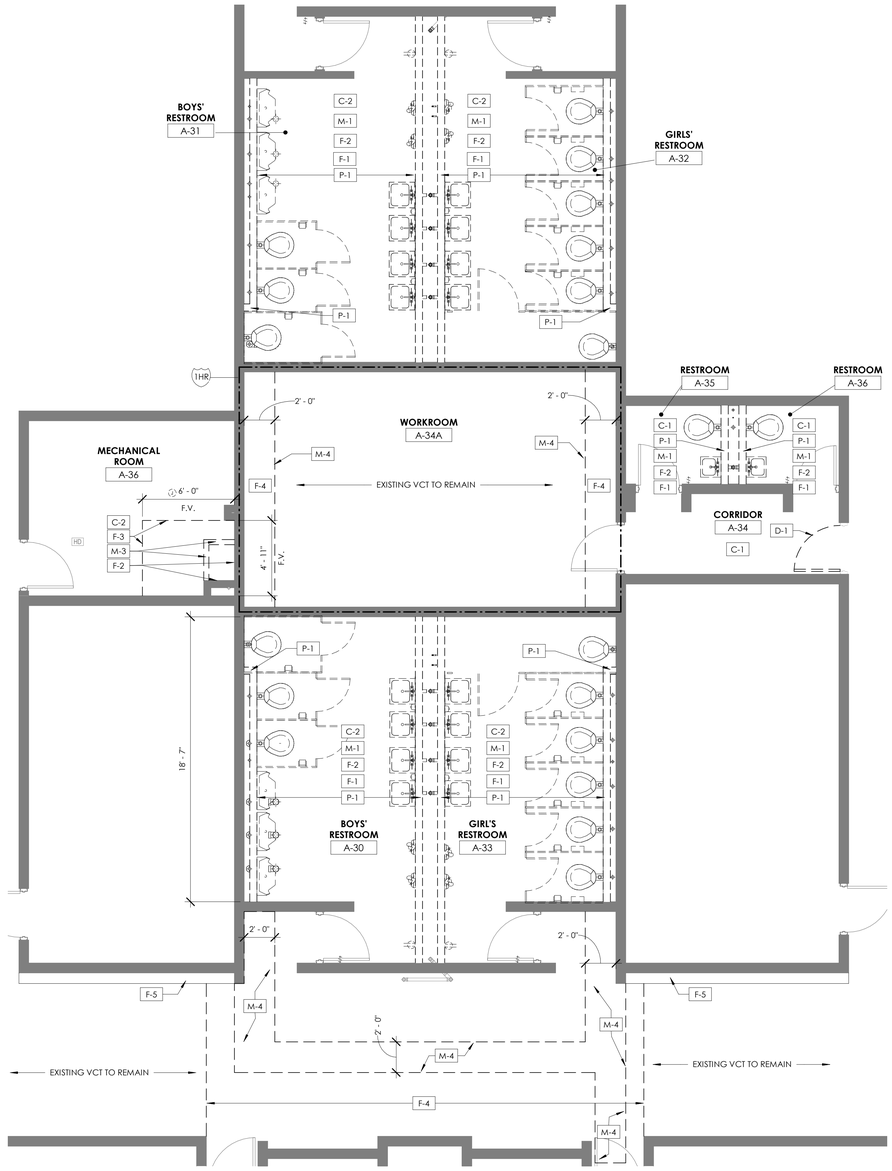
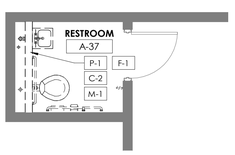
J D1.1



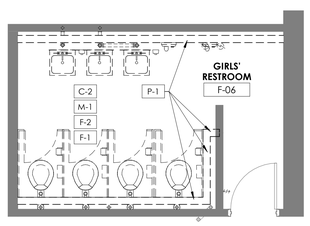
LAB RESTROOM - DEMO PLAN
1/4" = 1'-0"
E D1.1



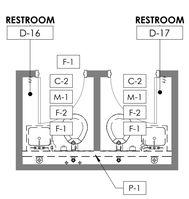
CLASSROOMS' RR - DEMO PLAN
1/4" = 1'-0"
A D1.1



FIRST AID RESTROOM- DEMO PLAN
1/4" = 1'-0"
H D1.1

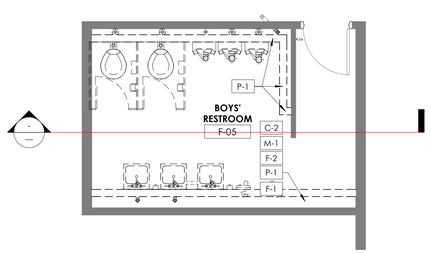


GYM ENTRY GIRLS' RESTROOM - DEMO PLAN
1/4" = 1'-0"
D D1.1



REMOVE WAINSCOT WALL TILE IN IT'S ENTIRETY. ENSURE SURFACES THAT ARE EXISTING TO REMAIN ARE PROPERLY PREPARED FOR RECEIVING NEW WALL TILE. COORDINATE WITH NEW WORK.

STAFF RESTROOM - DEMO PLAN
1/4" = 1'-0"
G D1.1



GYM ENTRY BOYS' RESTROOM - DEMO PLAN
1/4" = 1'-0"
C D1.1

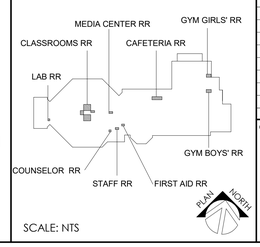
GENERAL DEMOLITION NOTES

1. THESE DEMOLITION PLANS ARE MEANT TO BE A CONVENIENCE TO THE CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION NECESSARY FOR INSTALLATION OF NEW WORK WHETHER SHOWN HERE OR NOT.
2. REFER TO SECTIONS AND DETAILS FOR ADDITIONAL DEMOLITION WORK REQUIRED IN SPECIFIC AREAS OF WORK.
3. REFER TO THE PHASING DRAWING FOR SEQUENCE OF DEMOLITION AND NEW WORK.
4. CONTRACTOR SHALL VERIFY LOAD BEARING CONDITIONS OF WALLS PRIOR TO THEIR DEMOLITION. ANY WALL FOUND TO BE LOAD BEARING WHICH IS NOT SO NOTED SHALL PROMPTLY BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO ITS DEMOLITION.
5. WHERE WALLS OR OTHER ITEMS ARE REMOVED, CLEAN AND REPAIR FLOORS TO FLUSH CONDITION SUITABLE TO RECEIVE FLOOR FINISH. WHERE MASONRY WALLS EXTEND THROUGH SLAB AND REST ON FOOTING, REMOVE BLOCK TO MINIMUM OF 4" BELOW FINISH FLOOR. FILL FLUSH WITH CONCRETE. PROVIDE MIN. 4" CONCRETE FILL AT ABANDONED PIPES OR OTHER OPENINGS IN THE FLOOR SLABS WHICH ARE EXPOSED OR CREATED BY OTHER DEMOLITION. GRIND TO FLUSH AS RQD.
6. ALL CONCRETE BLOCK, AND/OR BRICK VENEER INFILL OR PATCHES IN EXISTING MASONRY SHALL BE TOOTHED INTO ADJACENT SOUND MASONRY IN FULL UNITS U.N.O. PARTIAL MASONRY UNITS ADJACENT TO OPENINGS SHALL BE REMOVED AS RQD. TO ALLOW TOOTHING. WHERE NEW MASONRY CONSTRUCTION JOINS EXISTING MASONRY WALLS, REMOVE MASONRY UNITS AT CONNECTIONS AS NECESSARY TO PERMIT TOOTHING OF NEW CONSTRUCTION WHETHER OR NOT SUCH DEMOLITION IS SPECIFICALLY SHOWN ON DEMOLITION PLANS. OVER-DEMOLISH NEW MASONRY UNITS TO PROVIDE FINISHED OPENING. PROVIDE NEW MASONRY TIES AND HORIZONTAL JOINT REINFORCING PER SPECIFICATIONS. NEW MASONRY CONSTRUCTION SHALL PRECISELY MATCH ADJACENT EXISTING MASONRY IN COLOR, TEXTURE, PATTERN AND FINISH, U.N.O.
7. ALL HVAC GRILLES, LOUVERS, AND OTHER MECHANICAL, ELECTRICAL, AND PLUMBING EQUIPMENT WHICH ARE ABANDONED AND/OR CALLED OUT TO BE REMOVED SHALL BE COMPLETELY REMOVED. OPENINGS SHALL BE INFILLED WITH NEW CONSTRUCTION MATCHING EXISTING ADJACENT CONSTRUCTION. REFER TO NOTE '1' ABOVE AND MEP DRAWINGS OF RELATED ITEMS.
8. EXISTING DOORS AND FRAMES SHOWN IN WALL TO BE DEMOLISHED SHALL BE REMOVED. PATCH AS NOTED. REMOVE ALL OTHER MATERIALS ASSOCIATED WITH DOOR THAT WILL NOT BE USED.
9. REMOVE ALL WALL MOUNTED ITEMS WHICH ARE NOT SPECIFICALLY INDICATED TO BE REMOVED BUT WHICH INTERFERE WITH, OR ARE NOT PART OF FINISHED CONSTRUCTION. OTHER SALVAGED ITEMS WHICH ARE NOT INDICATED TO BE REUSED IN THE RENOVATION OR RETURNED TO THE OWNER MAY BE SALVAGED BY THE CONTRACTOR AND REMOVED FROM THE SITE.
10. WHERE EXISTING EQUIPMENT OR CASEWORK IS REMOVED, REMOVE ALL ASSOCIATED ATTACHMENT DEVICES, ANCHORS ETC. PATCH AND REPAIR EXISTING FINISHES.
11. SEE NEW WORK PLANS FOR NEW WORK TO BE INSTALLED.

DEMOLITION NOTES

CEILING DEMOLITION NOTES:	
C-1	REMOVE EXISTING CEILING TILE & GRID IN ITS ENTIRETY.
C-2	REMOVE EXISTING GYPSUM/PLASTER/PLYWOOD CEILING/SOFFIT IN ITS ENTIRETY.
DOOR DEMOLITION NOTES:	
D-1	REMOVE EXISTING DOOR. EXISTING FRAME TO REMAIN. COORD. WITH NEW WORK.
FINISH DEMOLITION NOTES:	
F-1	REMOVE EXISTING CERAMIC FLOOR TILE IN ITS THEIR ENTIRETY. COORDINATE WITH NEW WORK.
F-2	REMOVE EXISTING WALL TILE IN ITS ENTIRETY. PREPARE WALL SURFACE FOR NEW TILE. REFER TO A2 SHEETS FOR MORE INFORMATION.
F-3	REMOVE PORTION OF EXISTING TILES ON FLOOR; DEMOLISH UP TO FULL TILES; COORDINATE WITH NEW WORK.
F-4	REMOVE EXISTING VCT UP TO FULL TILES ON ALL SIDES AT AREA OF UNDER SLAB WORK. COORDINATE WITH INSTALLATION OF NEW VCT TO MATCH EXISTING.
F-5	EXISTING LOCKERS SHALL REMAIN; PROTECT LOCKERS FROM DAMAGE DURING NEW WORK
MISCELLANEOUS DEMOLITION:	
M-1	REMOVE EXISTING PLUMBING FIXTURE AND ALL OTHER TOILET ACCESSORIES.
M-3	REMOVE EXISTING INTEGRAL MOP SINK ENTIRELY.
M-4	REMOVE EXISTING CONCRETE SLAB. REFER TO MEP DARWIGHS FOR THE UNDERSLAB PLUMBING WORK.
M-5	EXISTING WALLS, DOORS, FRAMES, HARDWARE AND THRESHOLDS ARE TO REMAIN. PROTECT IN PLACE AS NEEDED. ANY ITEMS REMOVED FOR CONSTRUCTION ARE TO BE RE-INSTALLED UPON COMPLETION AND IN SAME CONDITION AS WHEN REMOVED.
M-6	REMOVE CONCRETE PAVEMENT AS NEEDED FOR UNDERGROUND PLUMBING WORK. REMOVE PAVING BACK TO NEAREST EXISTING CONTROL JOINT. CONTRACTOR TO SAWCUT PAVEMENT FOR CLEAN, STRAIGHT EDGES.
PARTITION DEMOLITION NOTES:	
P-1	REMOVE PORTION OF EXISTING WALL. EXISTING WALL MAY BE A BEARING WALL. SHORE AND BRACE AS NECESSARY PRIOR TO DEMOLITION.

KEY PLAN



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D1.1

DEMOLITION PLAN

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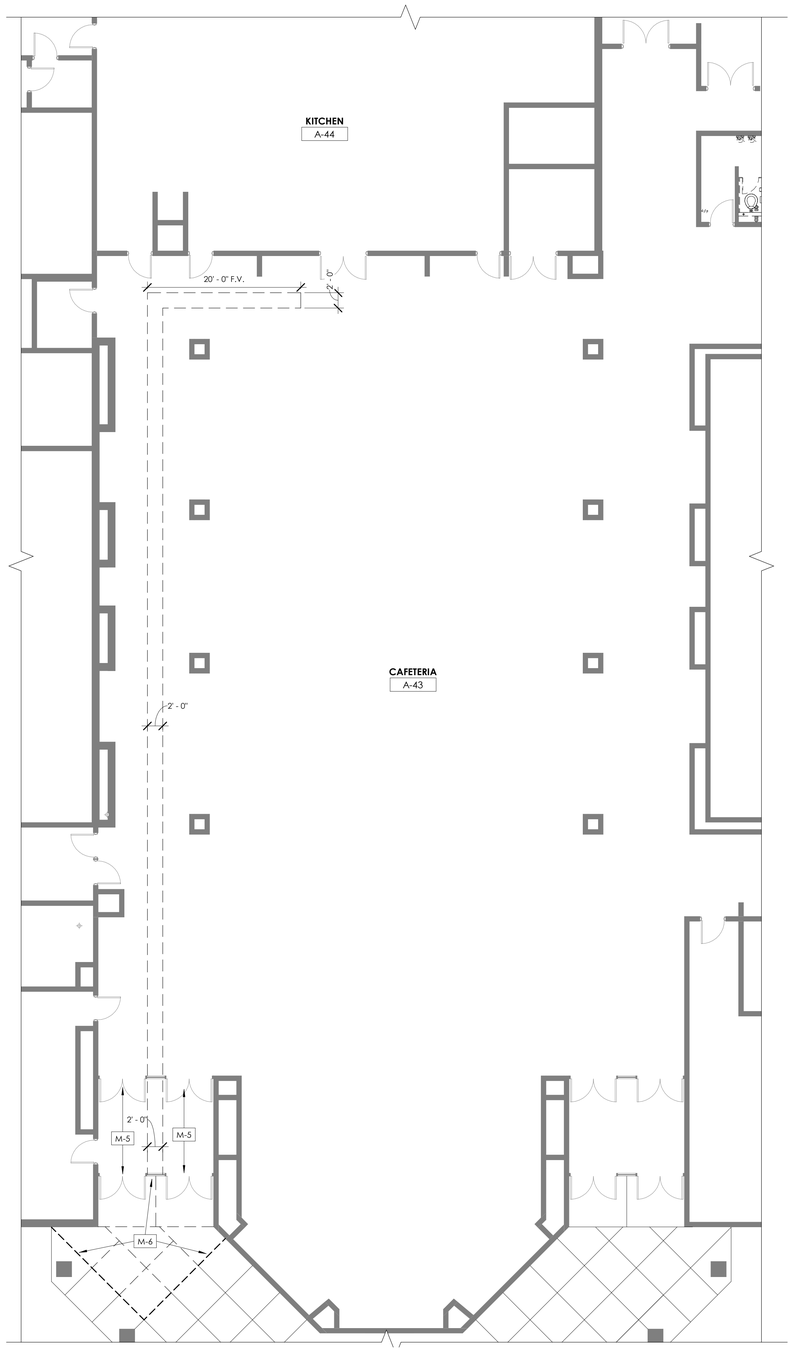
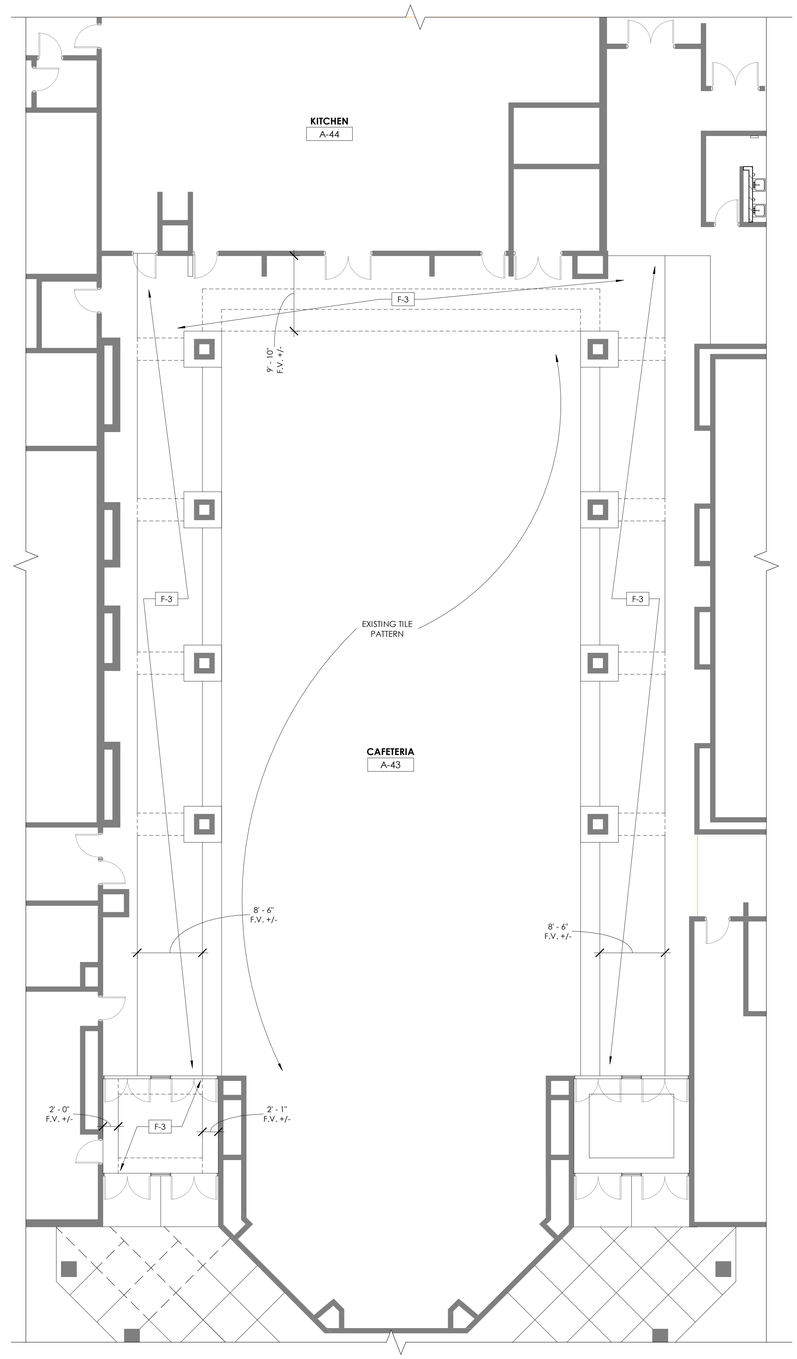
#	DATE	DESCRIPTION



DEMOLITION PLAN - PLUMBING TRENCH (B / D1.2)
1/8" = 1'-0"



DEMOLITION PLAN - FLOOR TILE (A / D1.2)
1/8" = 1'-0"

MATERIAL REFERENCE

PLAN NOTES

#	
1	PROVID CEMENT BOARD AT THE TILE WAINSCOAT. (92116.L). PROVIDE MOLD/MOISTURE GYP. BD. ABOVE. (092116.H)
2	PATCH AND REPAIR CMU WHERE HAND DRYERS WERE DEMOLISHED. REFER TO DEMO SHEETS FOR DEMOLITION.
3	VERIFY THICKENED SLAB IS PRESENT TO RECEIVE NEW CMU WALL AT THIS LOCATION. REFER TO A0.1 SHEET IF NEEDED.

DEMOLITION NOTES

CEILING DEMOLITION NOTES:	
C-1	REMOVE EXISTING CEILING TILE & GRID IN ITS ENTIRETY.
C-2	REMOVE EXISTING GYPSUM/PLASTER/PLYWOOD CEILING/SOFFIT IN ITS ENTIRETY.
DOOR DEMOLITION NOTES:	
D-1	REMOVE EXISTING DOOR. EXISTING FRAME TO REMAIN. COORD. WITH NEW WORK.
FINISH DEMOLITION NOTES:	
F-1	REMOVE EXISTING CERAMIC FLOOR TILE IN ITS THEIR ENTIRETY. COORDINATE WITH NEW WORK.
F-2	REMOVE EXISTING WALL TILE IN ITS ENTIRETY. PREPARE WALL SURFACE FOR NEW TILE. REFER TO A2 SHEETS FOR MORE INFORMATION.
F-3	REMOVE PORTION OF EXISTING TILES ON FLOOR; DEMOLISH UP TO FULL TILES; COORDINATE WITH NEW WORK.
F-4	REMOVE EXISTING VCT UP TO FULL TILES ON ALL SIDES AT AREA OF UNDER SLAB WORK. COORDINATE WITH INSTALLATION OF NEW VCT TO MATCH EXISTING.
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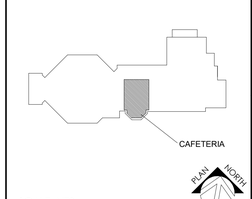
M-3	REMOVE EXISTING INTEGRAL MOP SINK ENTIRELY.
M-4	REMOVE EXISTING CONCRETE SLAB. REFER TO MEP DARWIGNS FOR THE UNDERSLAB PLUMBING WORK.
M-5	EXISTING WALLS, DOORS, FRAMES, HARDWARE AND THRESHOLDS ARE TO REMAIN. PROTECT IN PLACE AS NEEDED. ANY ITEMS REMOVED FOR CONSTRUCTION ARE TO BE RE-INSTALLED UPON COMPLETION AND IN SAME CONDITION AS WHEN REMOVED.
M-6	REMOVE CONCRETE PAVEMENT AS NEEDED FOR UNDERGROUND PLUMBING WORK. REMOVE PAVING BACK TO NEAREST EXISTING CONTROL JOINT. CONTRACTOR TO SAWCUT PAVEMENT FOR CLEAN, STRAIGHT EDGES.
PARTITION DEMOLITION NOTES:	
P-1	REMOVE PORTION OF EXISTING WALL. EXISTING WALL MAY BE A BEARING WALL. SHORE AND BRACE AS NECESSARY PRIOR TO DEMOLITION.

KEY PLAN



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D1.2

DEMILTION PLAN

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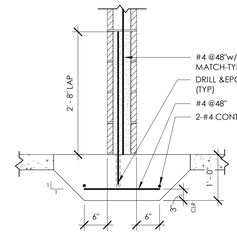
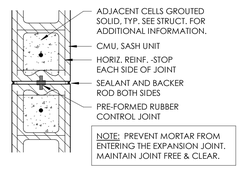


THICKENED SLAB AT NON-LOAD BEARING CMU WALL

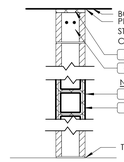
SCALE : N.T.S.



TYP. CMU EXPANSION JOINT DETAIL

N.T.S.

NOTE:
- IF JOIST OR BEAM LOCATION INTERFERES WITH NON-LOAD BEARING CMU WALL EXTENDING TO DECK ABOVE, EXTEND CMU WALL TO 8" ABOVE FINISHED CEILING HEIGHT AND CONTINUE WALL TO DECK ABOVE WITH WALL TYPE 2. R. EXTEND AND SEAL WALL TO BOTTOM OF DECK ABOVE PER GENERAL WALL NOTES. ALL EXPOSED SURFACES TO RECEIVE PAINT U.N.O.
- ALL DEMISING WALLS ARE TO EXTEND TO ROOF DECK ABOVE. U.N.O. ALL TOPS OF CHASE WALLS ARE TO BE 4" TO 8" ABOVE THE FINISHED CEILING. (1) CHASE WALL IS TO EXTEND TO DECK ABOVE AT BACK-TO-BACK CHASE WALLS BETWEEN RESTROOMS. BRACE TOPS OF WALLS TO STRUCTURE ABOVE AS NEEDED.



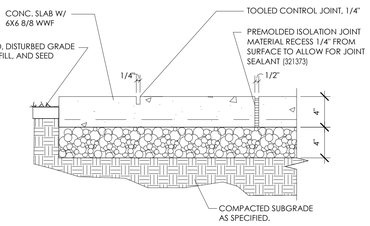
WALL TYPE 1: 042000.A 8" NOMINAL CMU U.N.O.; 042000.L MASONRY REINFORCEMENT

6" WALL TYPE 1: 042000.A 6" NOMINAL CMU U.N.O.; 042000.L MASONRY REINFORCEMENT

INTERIOR CMU PARTITION TYPE '1'

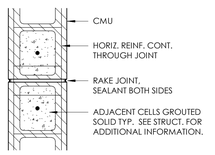
SCALE : N.T.S.

*CONTRACTOR TO SEED AND MULCH ALL DISTURBED LANDSCAPE AREA



CONCRETE SIDEWALK

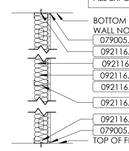
1 1/2" = 1'-0"



TYP. CMU CONTROL JOINT DETAIL

N.T.S.

NOTE: ALL GYPSUM BOARD SURFACES 12" AND ABOVE SUSPENDED CEILING TO RECEIVE LEVEL 1 FINISH. EXTEND AND SEAL WALL TO BOTTOM OF DECK/STRUCTURE ABOVE ALL EXPOSED SURFACES TO RECEIVE PANT U.N.O.

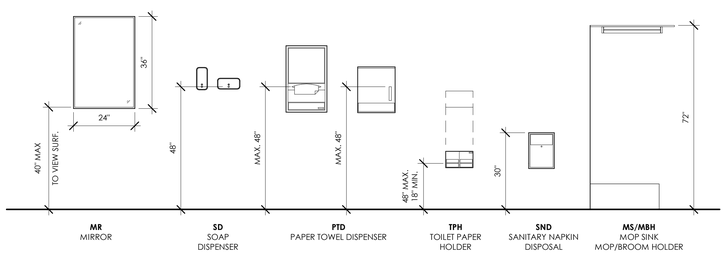


NOTE: AT 1 HOUR FIRE RATING, PROVIDE TYPE 'X' GYPSUM BD. (UL DESIGN No. U465)
NOTE: AT 2 HR. FIRE RATING, PROVIDE 2 LAYERS OF 5/8" TYPE 'X' GYPSUM BD., BOTH SIDES. (UL DESIGN NO. U411)

WALL TYPE 2: 092116.B 5/8"; 092116.B 3-5/8"; 092116.J 3"

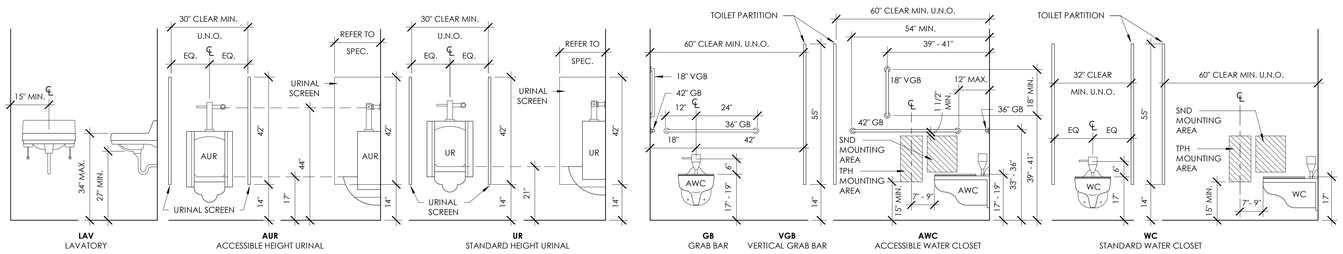
INTERIOR GYPSUM BOARD PARTITION TYPE '2'

SCALE : N.T.S.



TOILET ACCESSORIES, DEVICE, AND EQUIPMENT MOUNTING HEIGHTS

1/2" = 1'-0"



PLUMBING FIXTURES AND ACCESSORIES MOUNTING HEIGHTS

1/2" = 1'-0"

ABBREVIATIONS

A.F.F.	ABOVE FINISH FLOOR
ALT.	ALTERNATE
AL/ALUM.	ALUMINUM
ARCH.	ARCHITECT/ ARCHITECTURAL
BD.	BOARD
BIT.	BITUMINOUS
BLKG.	BLOCKING
BLDG.	BUILDING
B.O.	BOTTOM OF SOMETHING
BRG.	BEARING
C.J.	CONTRACTION/ CONSTRUCTION JOINT
CL.	CENTERLINE
CLG.	CEILING
CLR.	CLEAR
C.M.U.	CONCRETE MASONRY UNIT
COL.	COLUMN
CONC.	CONCRETE
CONT.	CONTINUOUS
DBL.	DOUBLE
DIA.	DIAMETER
DS.	DOWNSPOUT
DWG.	DRAWING
E.I.F.S.	EXTERIOR INSULATION FINISH SYSTEM
E.J.	EXPANSION JOINT
EQ.	EQUAL
EQUIP.	EQUIPMENT
ELEV.	ELEVATOR
E.O.S.	EDGE OF SLAB
E.R.D.	EMERGENCY ROOF DRAIN OVERFLOW
E.T.R.	EXISTING TO REMAIN
EXP.	EXPANSION
EXT.	EXTERIOR
FAB.	FABRICATE/ FABRICATION
FDN.	FOUNDATION
F.F.E.	FINISH FLOOR ELEVATION
F.G.E.	FINISH GRADE ELEVATION
FIN.	FINISH
FLR.	FLOOR/ FLOORING
F.RT.	FIRE RETARDENT
FT.	FEET
F.V.	FIELD VERIFY
GA.	GUAGE
GALV.	GALVANIZED
GYP.	GYPSUM
HORZ.	HORIZONTAL
HT.	HEIGHT
INSUL.	INSULATION
INT.	INTERIOR
JT.	JOINT
LAM.	LAMINATE
MAS.	MASONRY
M.E.P.	MECHANICAL, ELECTRICAL, PLUMBING
MFR.	MANUFACTURER
MAT.	MATERIAL
MAX.	MAXIMUM
MECH.	MECHANICAL
MEM.	MEMBRANE
MIN.	MINIMUM
MISC.	MISCELLANEOUS
M.O.	MASONRY OPENING
N.A.	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
O.H.	OVERHEAD
OPP.	OPPOSITE
ORN.	ORNAMENTAL
PEN.	PENETRATION
PL.	PLATE
POLYISO.	POLYISOCYANURATE
P.S.F.	POUNDS PER SQUARE FOOT
P.S.I.	POUNDS PER SQUARE INCH
P.T.	PRESSURE TREATED
RAD.	RADIUS
REINF.	REINFORCEMENT
RQD.	REQUIRED
REV.	REVISION/ REVISED
R.D.	ROOF DRAIN
SECT.	SECTION
SIM.	SIMILAR
SPECS.	SPECIFICATIONS
S.S.	STAINLESS STEEL
SQ.	SQUARE
STD.	STANDARD
STL.	STEEL
STRUCT.	STRUCTURE/ STRUCTURAL
SYM.	SYMMETRICAL
SYS.	SYSTEM
T.O.	TOP OF SOMETHING
THK.	THICK
TYP.	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
VERT.	VERTICAL
V.I.F.	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT
W.P.	WORK POINT
WT.	WEIGHT

SYMBOLS LEGEND:

- BUILDING SECTION
- SECTION CUT / DETAIL MARKER
- ELEVATION
- REFERENCE DETAIL
- SPOT ELEVATION
- ROOF TYPES
- WALL TYPES, X" DENOTES SIZE OF CMU OR STUD.
- DOOR NUMBER
- HOLLOW METAL WINDOW & DOOR FRAME TYPE
- ALUMINUM WINDOW & STOREFRONT FRAME TYPE
- DOOR ELEVATION TYPES
- FE-1 WALL MOUNTED FIRE EXTINGUISHER (104400)
- FE-2 SEMI-RECESSED CABINET WITH FIRE EXTINGUISHER (104400)

FIRE BARRIER TYPES:

- SP — SMOKE TIGHT PARTITION: EXTEND PARTITION WALL TO DECK ABOVE. SEAL PERIMETER TO PROVIDE "SMOKE TIGHT INSTALLATION". SEAL ALL PENETRATIONS
- 1HR — 1 HOUR RATING: PROVIDE FIRE SAFING AT VOIDS AT THE TOP PERIMETER OF THE PARTITION AND FIRESAFE ALL PENETRATIONS. VERIFY WITH STRUCTURAL DRAWINGS AND COORDINATE WITH WALL SECTIONS.
- 2HR — 2 HOUR RATING: PROVIDE FIRE SAFING AT VOIDS AT THE TOP PERIMETER OF THE PARTITION AND FIRESAFE ALL PENETRATIONS. VERIFY WITH STRUCTURAL DRAWINGS AND COORDINATE WITH WALL SECTIONS.

GENERAL PLAN NOTES

1. (NIC)-NOT IN CONTRACT. PROVIDED BY OWNER AND INSTALLED BY OTHERS.
2. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS TAKE PRECEDENCE.
3. ALL DIMENSIONS ARE TO FACE OF STUDS, MASONRY OR TO CENTERLINE OF STRUCT'L STEEL UNLESS OTHERWISE NOTED. CONTACT ARCHITECT WITH ANY QUESTIONS REGARDING DIMENSIONS.
4. MASONRY DIMENSIONS ARE ACTUAL. EXTERIOR WALL DIMENSIONS ARE TO EXTERIOR FACE OF VENEER.
5. REFER TO ENLARGED PLANS FOR DIMENSIONS NOT SHOWN ON 1/8" PLANS.
6. ALL INTERIOR PARTITIONS ARE WALL TYPE '1' U.N.O.
7. PROVIDE BULLNOSE UNITS AT ALL VERTICAL OUTSIDE CONCRETE BLOCK CORNERS U.N.O.
8. PARTITION TYPES SHALL MAINTAIN THEIR CONSTRUCTION AND RESPECTIVE SEPARATION RATING (IF ANY) FOR FULL HEIGHT. ALL MECH., ELEC., AND PLUMBING PENETRATIONS SHALL BE SEALED/SAFED/DAMPERED AS RQD. TO COMPLY W/ APPLICABLE CODES.
9. REFER TO STRUCTURAL DRAWINGS FOR TYPES, SIZES, LOCATIONS, CONNECTIONS, REINFORCEMENT AND OTHER REQ. PERTAINING TO STRUCTURAL COMPONENTS INDICATED.
10. REFER TO STRUCTURAL DRAWINGS FOR LINTEL SCHEDULE. ALL EXTERIOR LINTELS ARE TO BE GALVANIZED AND PAINTED.
11. VERIFY RQD. DEPTH OF ALL RECESSED SLABS W/ APPROPRIATE FINISH FLOORING MANUFACTURER PRIOR TO PLACEMENT OF SLAB.
12. MASONRY OPENINGS IN CMU WALLS FOR DOORS ARE TYPICALLY LOCATED 8" FROM THE JAMB OPENING TO THE ADJACENT WALL U.N.O.
13. DOORS IN GYPSUM BOARD WALLS ARE TYPICALLY LOCATED 6" FROM THE DOOR JAMB OPENING TO THE ADJACENT WALL U.N.O.
14. WHERE DOORS HAVE 180 DEGREE SWING IN CMU WALL, PROVIDE 3/4" SET BACK FROM FACE OF WALL OF SWING SIDE. COORD. W/ MASON.

GENERAL WALL NOTES

1. REFER TO FLOOR PLANS FOR THE LOCATION OF PARTITION AND WALL TYPES DESCRIBED ON THIS DRAWING.
2. REFER TO STRUCTURAL DRAWINGS FOR OTHER REQUIREMENTS PERTAINING TO REINFORCED UNIT MASONRY.
3. CONTRACTOR SHALL INSTITUTE ALL MEASURES NECESSARY TO ACHIEVE WEATHER-TIGHTNESS OF EXTERIOR WALLS BY ALLOWING POSITIVE DRAINAGE OF WATER TO THE EXTERIOR TO OCCUR WHERE THROUGH-WALL FLASHING IS INDICATED OR RQD.
   - A. KEEP ALL DRAINAGE CAVITIES IN CAVITY WALLS FREE OF MORTAR.
   - B. EXTEND THROUGH-WALL FLASHING TO FACE OF MASONRY VENEER FOR OBSERVATION BY THE ARCHITECT.
   - C. AT MASONRY VENEER, PROVIDE WEEPS AND CAVITY VENTS AT 24" O.C. HORZ. ALTERNATE LOCATIONS OF WEEPS W/ VENTS. DO NOT ALLOW WEEPS OR CAVITY VENTS TO BECOME CLOSED OFF.
   - D. REFER TO THE SPECS. FOR MORE INFORMATION ON PLACEMENT AND INSTALLATION OF THROUGH-WALL FLASHING, WEEPS, AND CAVITY VENTS.
4. AT CAVITY WALL CONSTRUCTION, ADHESIVE INSTALL THROUGH-WALL FLASHING ON CMU OR SHEATHING OVER STUDS, UPWARD MIN. 6" AND PAN-UP THROUGH-WALL FLASHING AT ENDS MINIMUM 6". DO NOT MECHANICALLY FASTEN, PENETRATE, OR PUNCTURE THROUGH-WALL FLASHING. THROUGH-WALL FLASHING TO DIRECT ALL MOISTURE TO EXTERIOR FACE OF WALL.
5. U.N.O. ALL EXTERIOR AND INTERIOR MASONRY AND/OR MTL. STUD WALLS SHALL EXTEND FULL HEIGHT TO BOTTOM OF DECK AND BE SEALED. REFER TO REFLECTED CEILING PLANS. PROVIDE THE FOLLOWING CLOSURE MATERIALS AT TOP OF EXTERIOR AND INTERIOR MASONRY AND METAL STUD WALLS AND PARTITIONS.
   - A. FULL-HEIGHT, NON-RATED MTL STUD/GYP PARTITION RUNNING PARALLEL TO METAL DECK FLUTES/STRUCTURE: COPE GYP TO WITHIN 1/2" OF METAL DECK FLUTE. FILL METAL DECK FLUTE VOID COMPLETELY W/ SOUND ATTENUATION BLANKET MATERIAL, INSTALL CONT. ACOUSTICAL SEALANT BOTH SIDES OR PROVIDE COMPRESSIBLE NEOPRENE FILLER.
   - B. FULL-HEIGHT, NON-RATED METAL STUD/GYP PARTITION RUNNING PARALLEL TO METAL DECK FLUTES/STRUCTURE: STOP GYP. TO WITHIN 1/2" OF METAL DECK. INSTALL CONT. ACOUSTICAL SEALANT BOTH SIDES OR PROVIDE COMPRESSIBLE NEOPRENE FILLER.
   - C. FULL-HEIGHT, NON-RATED CMU WALL RUNNING PERPENDICULAR OR PARALLEL TO METAL DECK FLUTES/STRUCTURE: LAY CMU TO WITHIN 1" OF METAL DECK. FILL METAL DECK FLUTE VOID COMPLETELY WITH CUT-TO-FIT COMPRESSIBLE NEOPRENE FILLER OR SOUND ATTENUATION BLANKET MATERIAL & CONT. ACOUSTICAL SEALANT BOTH SIDES.
   - D. FIRE-RATED FULL-HEIGHT WALLS: FILL ALL VOIDS AT METAL DECK/STRUCTURE ABOVE, W/ FIRE BLANKETS & INTUMESCENT SEALANT PER SECTION 078400. REFER TO DETAILS ON THIS SHEET.
   - E. CMU & GYP. COLUMN SURROUNDS MAY BE STOPPED 12" ABOVE CEILING UNLESS PART OF A FIRE- OR SOUND-RATED WALL CONSTRUCTION.
6. PROVIDE CAULKED CONTROL JOINTS WHERE LOAD BEARING CMU ABUTS NON-LOAD BEARING CMU OR WHERE WALLS OF DIFFERENT HEIGHTS ABUT.

MATERIALS LEGEND:

- CONCRETE
- FINISHED WOOD
- CONCRETE MASONRY UNIT
- PLYWOOD
- CLAY MASONRY UNIT
- WOOD BLOCKING
- SPLIT-FACE CONCRETE MASONRY UNIT
- CAVITY WALL INSULATION/PERLITE ROOFING INSULATION
- GROUND-FACE CONCRETE MASONRY UNIT
- POLYISO. ROOFING INSULATION
- CUT STONE
- THERMAL, SOUND, OR FIRE BATT-INSULATION
- STEEL
- GYPSUM BOARD
- ALUMINUM
- SPRAY-IN-PLACE THERMAL INSULATION

MASTER MATERIAL REFERENCE

042000.A	Concrete Masonry Unit
042000.L	Masonry Reinforcement
042000.O	Bond Beam
078400.A	Through-Penetration Fire Stop System
079005.A	Joint Sealant
081113.A	Steel Doors & Frames
081113.C	Steel Frame
092116.B	Metal Studs and Runners
092116.H	Mold/Moisture Resistant Gypsum Board
092116.J	Sound Attenuation Blankets
092116.L	Cement Board
093000.A	Ceramic Tile
101550.A	Toilet Compartment
101550.B	Urinal Screen
102800.A	Toilet & Bath Accessories

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101 old lafayette avenue lexington, kentucky 40502 p:859.254.4018

RANDY S. BROOKS, JR. REGISTERED No. 5441 COMMONWEALTH OF KENTUCKY ARCHITECT

GENERAL ARCHITECTURAL DETAILS
ELIZABETHTOWN HIGH SCHOOL RESTROOM RENOVATION
FOR:
ELIZABETHTOWN INDEPENDENT SCHOOLS
ELIZABETHTOWN, KENTUCKY

BG# 21-290

Project No: 2121
Drawn By: FB/TS
Rev'd By: GH

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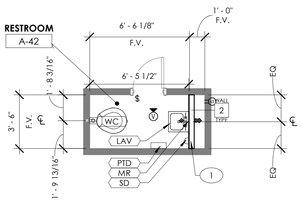
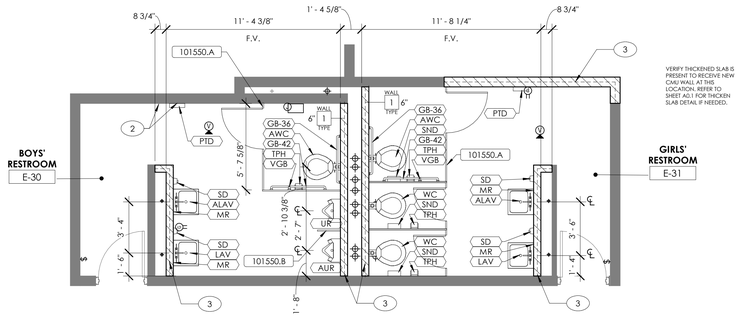
GENERAL ARCHITECTURAL DETAILS
DATE ISSUED:
09/16/2021

REVISIONS

#	DATE	DESCRIPTION



MEDIA CENTER RESTROOM - PLAN
1/4" = 1'-0"
F / A1.1



CAFETERIA RESTROOM - PLAN
1/4" = 1'-0"
B / A1.1

MATERIAL REFERENCE

101550.A	Toilet Compartment
101550.B	Urinal Screen

PLAN NOTES

#	
1	PROVID CEMENT BOARD AT THE TILE WAINSCOAT. (92116.L). PROVIDE MOLD/MOISTURE GYP. BD. ABOVE. (092116.H)
2	PATCH AND REPAIR CMU WHERE HAND DRYERS WERE DEMOLISHED. REFER TO DEMO SHEETS FOR DEMOLITION.
3	VERIFY THICKENED SLAB IS PRESENT TO RECEIVE NEW CMU WALL AT THIS LOCATION. REFER TO A0.1 SHEET IF NEEDED.

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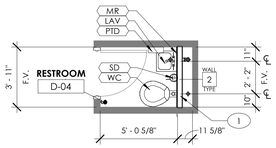
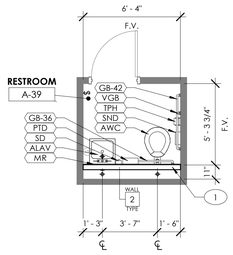
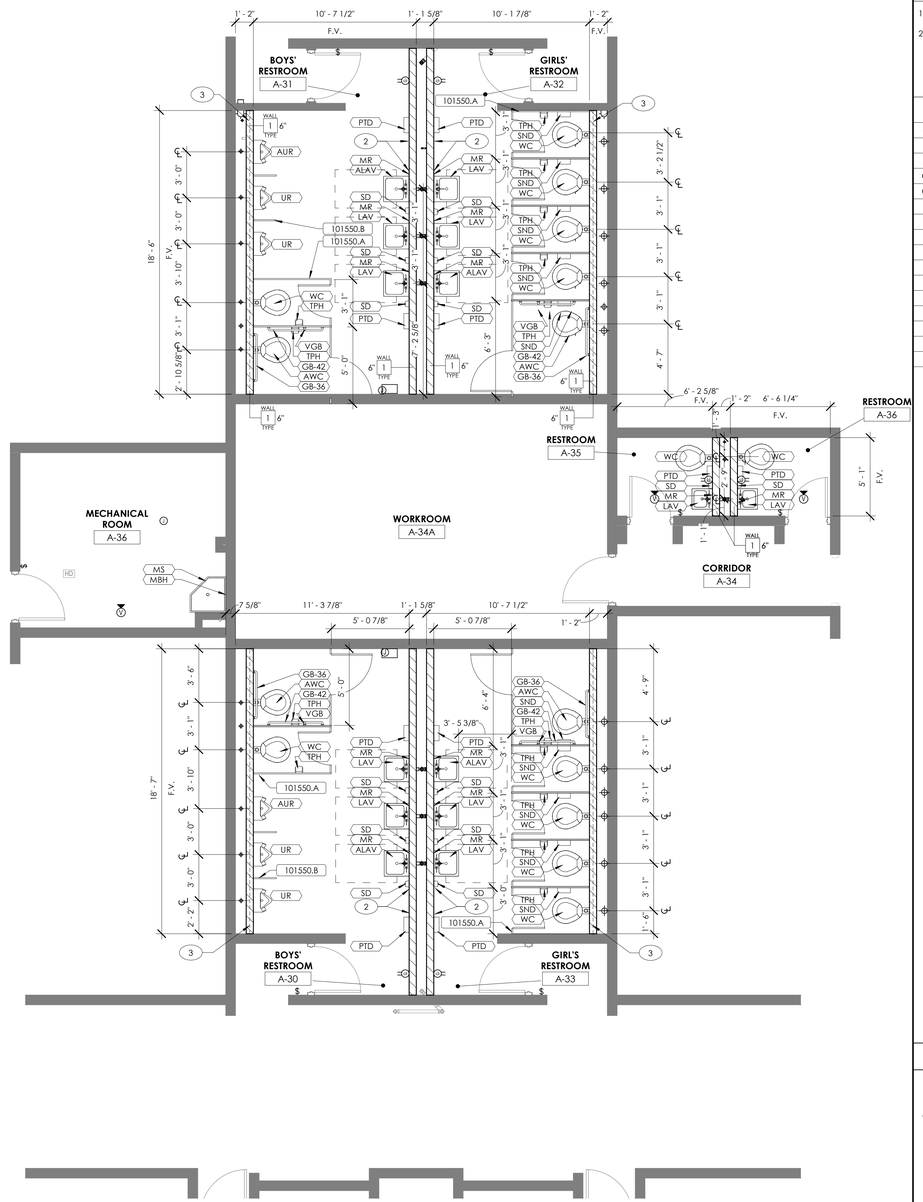
RANDY S. BROOKS, JR.
REGISTERED
No. 5441
COMMONWEALTH OF KENTUCKY
ARCHITECT



COUNSELOR RESTROOM - PLAN
1/4" = 1'-0"
J / A1.1



LAB RESTROOM -PLAN
1/4" = 1'-0"
E / A1.1



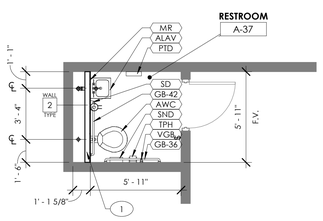
CLASSROOMS' RESTROOM - PLAN
1/4" = 1'-0"
A / A1.1

NOTES:

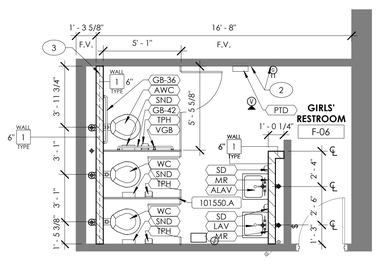
1. COORDINATE ALL PLUMBING FIXTURES AND TOILET ACCESSORIES WITH THE PLUMBING ENGINEER.
2. THE FOLLOWING ITEMS SHALL BE PROVIDED AND INSTALLED BY THE OWNER: PTD, TPH, SD.

TOILET ACCESSORY LEGEND

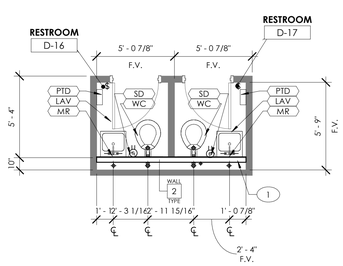
ALAV	ACCESSIBLE LAVATORY
AUR	ACCESSIBLE URINAL
AWC	ACCESSIBLE WATER CLOSET
GB-36	36" GRAB BAR
GB-42	42" GRAB BAR
LAV	LAVATORY
MBH	MOP AND BROOM HANGER
MR	MIRROR
MS	MOP SINK
PTD	PAPER TOWEL DISPENSER
SD	SOAP DISPENSER
SND	SANITARY NAPKIN DISPOSAL
TPH	TOILET PAPER HOLDER
UR	STANDARD HEIGHT URINAL
VGB	18" VERTICAL GRAB BAR
WC	STANDARD WATER CLOSET



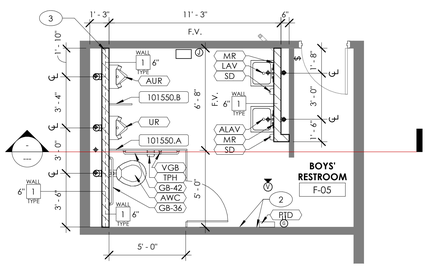
FIRST AID RESTROOM- PLAN
1/4" = 1'-0"
H / A1.1



GYM ENTRY GIRLS' RESTROOM - PLAN
1/4" = 1'-0"
D / A1.1

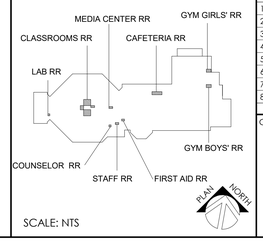


STAFF RESTROOM - PLAN
1/4" = 1'-0"
G / A1.1



GYM ENTRY BOYS' RESTROOM- PLAN
1/4" = 1'-0"
C / A1.1

KEY PLAN



SCALE: NTS

FLOOR PLANS
ELIZABETHTOWN HIGH SCHOOL RESTROOM RENOVATION
FOR:
ELIZABETHTOWN INDEPENDENT SCHOOLS
ELIZABETHTOWN, KENTUCKY

BG# 21-290

Project No:	2121
Drawn By:	FB/TS
Rev'd By:	GH

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FLOOR PLANS

DATE ISSUED:
09/16/2021

REVISIONS

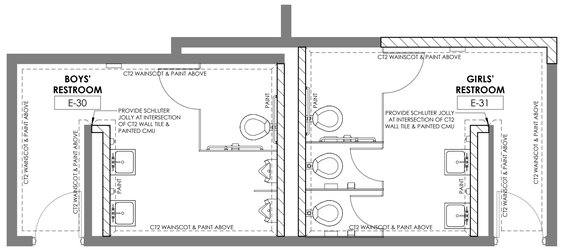
#	DATE	DESCRIPTION

FINISH LEGEND

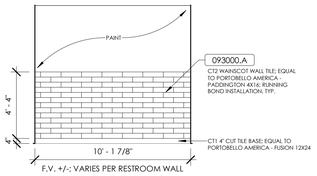
SPEC SECTION	KEY	BASIS OF DESIGN
	ETR	EXISTING TO REMAIN
09 30 00	CT1	CERAMIC FLOOR TILE (PORTOBELLO AMERICA - FUSION 12X24)
	CT2	CERAMIC WALL TILE (PORTOBELLO AMERICA - PADDINGTON 4X16)
09 51 13	APC1	ARMSTRONG - 2X2 FINE FISSURED

ROOM FINISH SCHEDULE

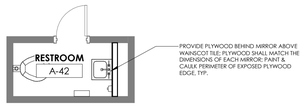
ROOM NO.	ROOM NAME	FLOOR FINISH	BASE FINISH	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	CEILING FINISH	COMMENTS
A-30	BOYS' RESTROOM	CT1	CT1 4" Cut Tile Base	CT2 4'-8" Wainscot & Paint Above	Paint	CT2 4'-8" Wainscot & Paint Above	Paint	APC1	
A-31	BOYS' RESTROOM	CT1	CT1 4" Cut Tile Base	CT2 4'-8" Wainscot & Paint Above	Paint	CT2 4'-8" Wainscot & Paint Above	Paint	APC1	
A-32	GIRLS' RESTROOM	CT1	CT1 4" Cut Tile Base	CT2 4'-8" Wainscot & Paint Above	Paint	CT2 4'-8" Wainscot & Paint Above	Paint	APC1	
A-33	GIRL'S RESTROOM	CT1	CT1 4" Cut Tile Base	CT2 4'-8" Wainscot & Paint Above	Paint	CT2 4'-8" Wainscot & Paint Above	Paint	APC1	
A-34A	WORKROOM	ETR & VCT to match existing	ETR & RB1 to match existing at area of new work	ETR	ETR	ETR	ETR	ETR	
A-35	RESTROOM	CT1	CT1 4" Cut Tile Base	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above	APC1	
A-36	MECHANICAL ROOM	ETR & area of CT1; Refer to plans	ETR & CT1 4" cut tile base at area of CT1	Paint	Paint & CT2 4'-8" Wainscot at Mop Sink	Paint	Paint	APC1	Refer to plans for areas of CT2 Wainscot
A-36	RESTROOM	CT1	CT1 4" Cut Tile Base	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above	APC1	
A-37	RESTROOM	CT1	CT1 4" Cut Tile Base	Paint	Paint	Paint	CT2 4'-8" Wainscot & Paint Above	APC1	
A-39	RESTROOM	CT1	CT1 4" Cut Tile Base	Paint	Paint	CT2 4'-8" Wainscot & Paint Above	Paint	APC1	
A-42	RESTROOM	CT1	CT1 4" Cut Tile Base	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above	APC1	
A-43	CAFETERIA	ETR & CT3; Refer to plans for locations	ETR	ETR	ETR	ETR	ETR	ETR	
A-45	CORRIDOR	ETR & VCT to match existing	ETR	ETR	ETR	ETR	ETR	ETR	
D-04	RESTROOM	CT1	CT1 4" Cut Tile Base	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above	APC1	
D-16	RESTROOM	CT1	CT1 4" Cut Tile Base	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above	Paint	CT2 4'-8" Wainscot & Paint Above	APC1	
D-17	RESTROOM	CT1	CT1 4" Cut Tile Base	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above	Paint	CT2 4'-8" Wainscot & Paint Above	APC1	
E-30	BOYS' RESTROOM	CT1	CT1 4" Cut Tile Base	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above	APC1	Refer to plans for areas of CT2 Wainscot & Paint
E-31	GIRLS' RESTROOM	CT1	CT1 4" Cut Tile Base	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above	APC1	Refer to plans for areas of CT2 Wainscot & Paint
F-05	BOYS' RESTROOM	CT1	CT1 4" Cut Tile Base	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above at existing CMU walls; Paint at new CMU walls	CT2 4'-8" Wainscot & Paint Above	Paint	APC1	
F-06	GIRLS' RESTROOM	CT1	CT1 4" Cut Tile Base	CT2 4'-8" Wainscot & Paint Above	CT2 4'-8" Wainscot & Paint Above at existing CMU walls; Paint at new CMU walls	CT2 4'-8" Wainscot & Paint Above	Paint	APC1	
VA-1	VESTIBULE	ETR & CT3	ETR	ETR	ETR	ETR	ETR	ETR	



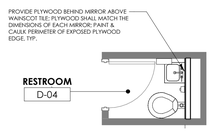
CAFETERIA RESTROOM - PLAN - FF&E PLAN (B / A2.1)
1/4" = 1'-0"



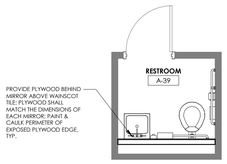
A-31 BOYS RR - PLAN SOUTH (TYP. TILE WAINSCOT) (K / A2.1)
1/4" = 1'-0"



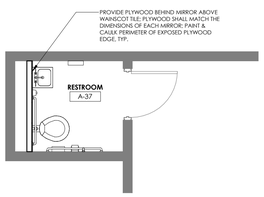
MEDIA CENTER RESTROOM - FF&E PLAN (F / A2.1)
1/4" = 1'-0"



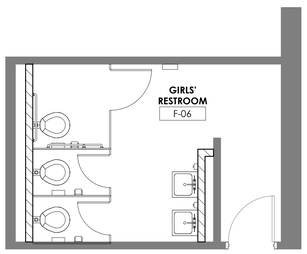
COUNSOLER RESTROOM - FF&E PLAN (J / A2.1)
1/4" = 1'-0"



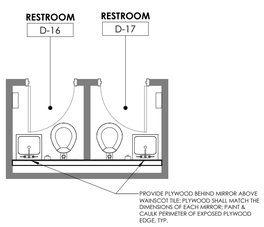
LABS RESTROOM - FF&E PLAN (E / A2.1)
1/4" = 1'-0"



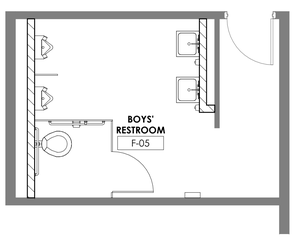
FIRST AID RESTROOM- FF&E PLAN (H / A2.1)
1/4" = 1'-0"



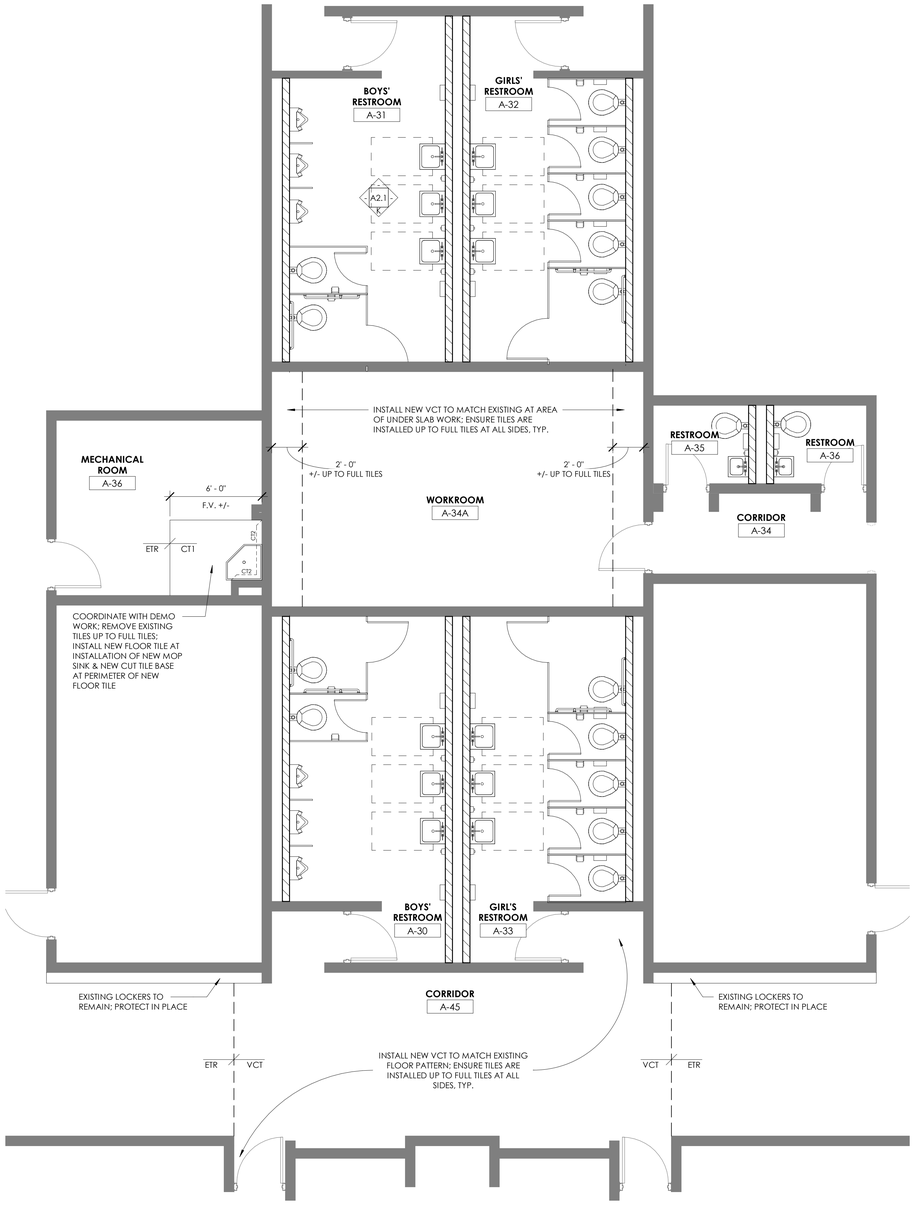
GYM ENTRY GIRLS' RESTROOM - FF&E PLAN (D / A2.1)
1/4" = 1'-0"



STAFF - FF&E PLAN (G / A2.1)
1/4" = 1'-0"



GYM ENTRY BOYS' RESTROOM - FF&E PLAN (C / A2.1)
1/4" = 1'-0"



CLASSROOMS' RESTROOM - FF&E PLAN (A / A2.1)
1/4" = 1'-0"

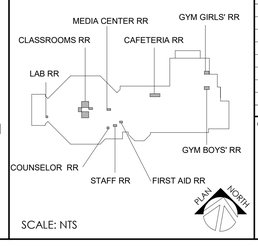
MATERIAL REFERENCE

093000.A	Ceramic Tile

ROOM FINISH NOTES

1. ALL WALLS, GYPSUM BOARD CEILINGS, METAL DECKING, STRUCTURAL ELEMENTS, CONDUIT, ALL UNFINISHED SURFACES EXPOSED AFTER CONSTRUCTION IS COMPLETE SHALL RECEIVE PAINT UNLESS OTHERWISE NOTED.
2. ALL UNFINISHED EXTERIOR SURFACES INCLUDING CONCRETE BLOCK, STEEL LINTELS, ETC... WILL RECEIVE A PAINT SYSTEM. REFER TO THE SPECIFICATION FOR ADDITIONAL INFORMATION.
3. REFER TO FLOOR PLANS FOR WALL ASSEMBLY TYPES.
4. REFER TO REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION ON CEILINGS AND SOFFIT LOCATIONS.
5. PROVIDE COLOR MATCHING CAULK AT THE INTERSECTION OF HOLLOW METAL FRAMES AND HARD SURFACE FLOORING, TYP.
6. WHERE FLOOR TILE BORDERS/PATTERNS OCCUR, THE CENTER "FIELD" TILES SHALL BE FULL SIZE TILES AND THE BORDER TILES ALONG THE WALL SHALL BE CUT TO CENTER THE FIELD TILES.
7. ALL LOUVERS, GRILLS, REGISTERS & DIFFUSERS SHALL BE PAINTED TO MATCH THE SURFACE ON WHICH THEY OCCUR.

KEY PLAN



SCALE: NTS

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RANDY S. BROOKS, III
REGISTERED No. 5441 COMMONWEALTH OF KENTUCKY ARCHITECT

FLOOR PLAN(S) FF&E
ELIZABETHTOWN HIGH SCHOOL RESTROOM RENOVATION
FOR:
ELIZABETHTOWN INDEPENDENT SCHOOLS
ELIZABETHTOWN, KENTUCKY

BG# 21-290

Project No:	2121
Drawn By:	AC
Rev'd By:	DC

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FLOOR PLAN(S) FF&E

DATE ISSUED:
09/16/2021

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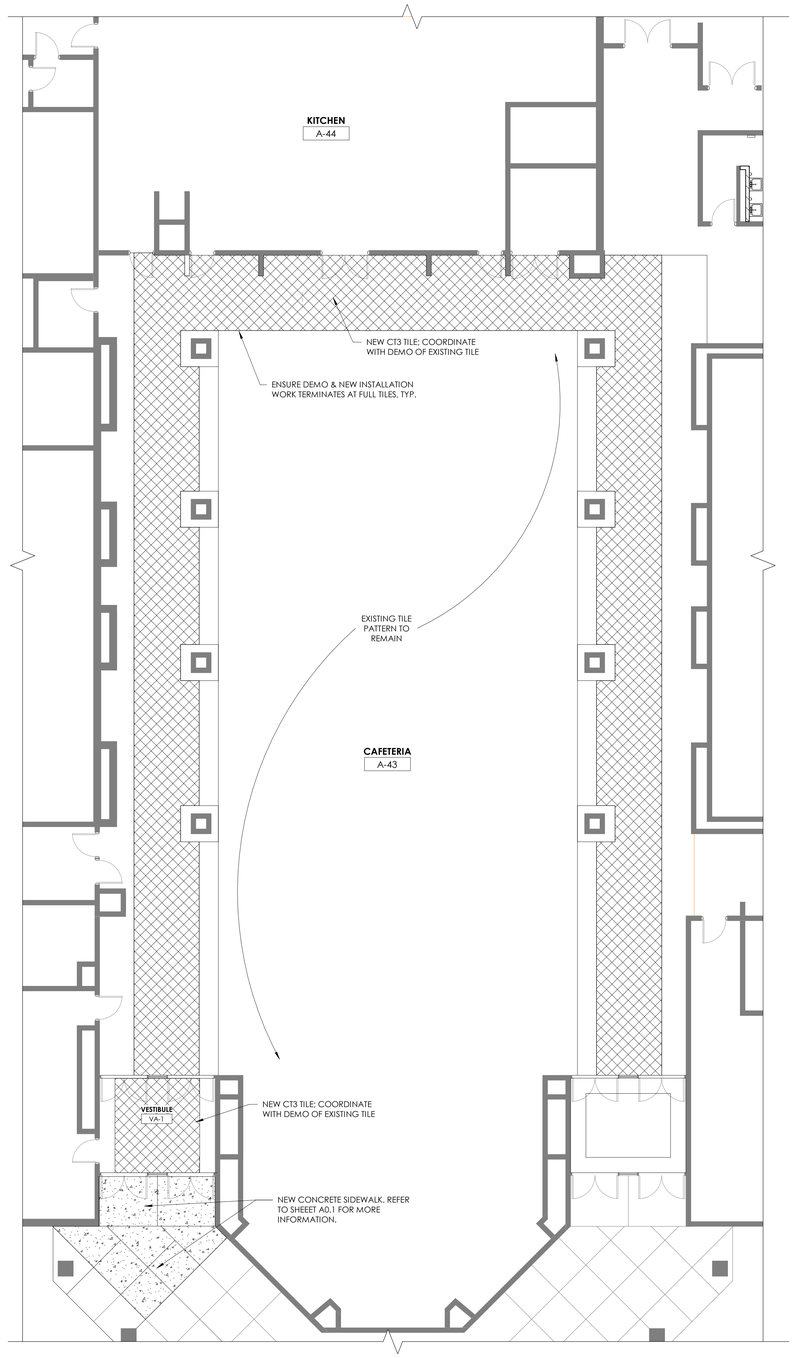
#	DATE	DESCRIPTION



CAFETERIA - PLAN - NEW TILE PATTERN
1/8" = 1'-0"
A
A2.2

MATERIAL REFERENCE

ROOM FINISH NOTES

1. ALL WALLS, GYPSUM BOARD CEILINGS, METAL DECKING, STRUCTURAL ELEMENTS, CONDUIT, ALL UNFINISHED SURFACES EXPOSED AFTER CONSTRUCTION IS COMPLETE SHALL RECEIVE PAINT UNLESS OTHERWISE NOTED.
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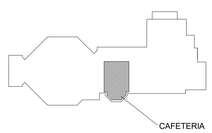
KEY PLAN



SCALE: NTS

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RANDY S. BROOKS, JR.
REGISTERED
No. 5441
COMMONWEALTH OF KENTUCKY
ARCHITECT

FLOOR PLAN(S) FF&E

ELIZABETHTOWN HIGH SCHOOL RESTROOM RENOVATION
FOR:
ELIZABETHTOWN INDEPENDENT SCHOOLS
ELIZABETHTOWN, KENTUCKY

BG# 21-290

Project No:	2121
Drawn By:	AC
Rev'd By:	DC

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FLOOR PLAN(S) FF&E

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09/16/2021

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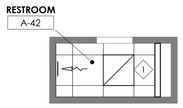
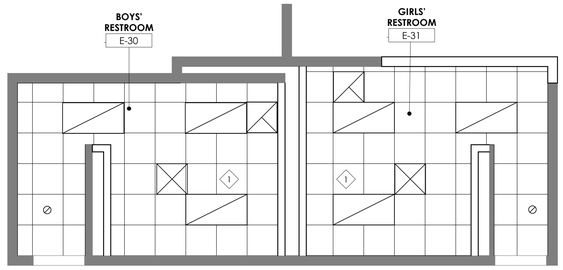
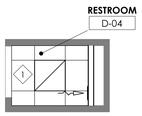


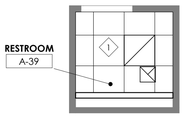
MEDIA CENTER RESTROOM - RCP
1/4" = 1'-0"
4 A7.1



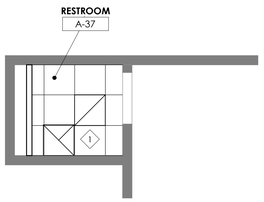
CAFETERIA RESTROOM- RCP
1/4" = 1'-0"
B A7.1



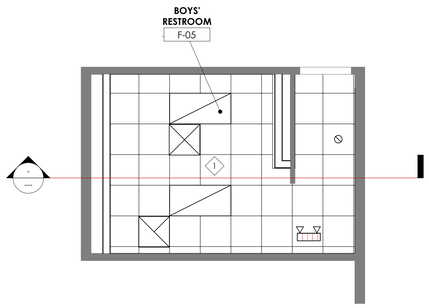
COUNSELOR RESTROOM - RCP
1/4" = 1'-0"
J A7.1



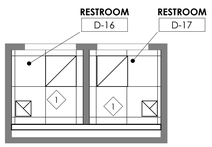
LAB RESTROOM - RCP
1/4" = 1'-0"
E A7.1



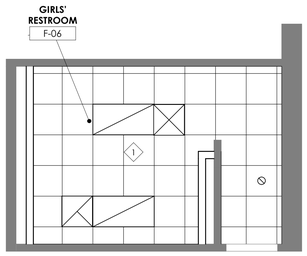
FIRST AID RESTROOM - RCP
1/4" = 1'-0"
H A7.1



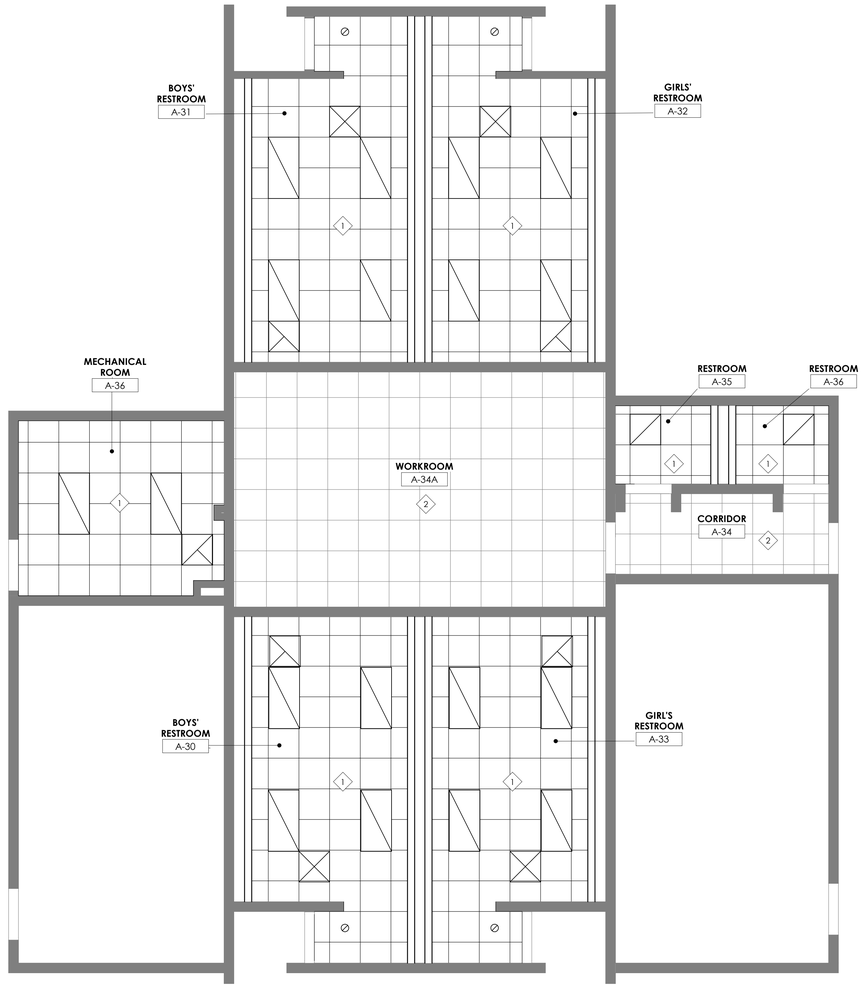
GYM ENTRY BOYS' RESTROOM - RCP
1/4" = 1'-0"
D A7.1



STAFF RESTROOM - RCP
1/4" = 1'-0"
G A7.1



GYM ENTRY GIRLS' RESTROOM - RCP
1/4" = 1'-0"
C A7.1



CLASSROOMS' RESTROOM - RCP
1/4" = 1'-0"
A A7.1

MATERIAL REFERENCE

GENERAL RCP NOTES

1. LIGHT FIXTURES AND HVAC ITEMS SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL COORDINATE ALL DIFFUSERS, SPRINKLER HEADS AND LIGHTING FIXTURES WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND SPECIFICATIONS.
2. SOFFITS AND BULKHEADS WILL RECEIVE ACCENT PAINT COLOR(S) TBD. HORIZONTAL AND VERTICAL SURFACES OF SOFFITS AND BULKHEADS WILL BE PAINTED AN ACCENT COLOR.
3. ALL GYPSUM BOARD CEILINGS, SOFFITS, METAL DECKING, STRUCTURAL ELEMENTS, CONDUIT, AND ETC. REMAINING EXPOSED AFTER CONSTRUCTION IS COMPLETE WILL RECEIVE A FINISH SYSTEM U.N.O. REFER TO THE SPECIFICATIONS AND DRAWINGS FOR ADDITIONAL INFORMATION.
4. REFER TO THE A1 DRAWINGS FOR REQUIRED FIRE RATINGS OF WALLS AND CEILINGS.
5. DIMENSIONS OF SOFFITS ARE TO THE FACE OF FINISHED GYPSUM BOARD.
6. ELEVATIONS INDICATED ARE TO THE BOTTOM OF FINISH MATERIAL FROM ABOVE FINISH FLOOR.
7. GYPSUM BOARD IS TO BE EXTENDED FOUR INCHES MINIMUM ABOVE FINISHED CEILINGS AT SOFFITS AND BULKHEADS THAT ARE NOT REQUIRED TO MAINTAIN A FIRE RATING OR ACOUSTIC SEPARATION.
8. RECESS FACE OF GYPSUM BOARD INTERIOR SOFFITS AND BULKHEADS ONE INCH FROM FACE OF BULLNOSE CMU.

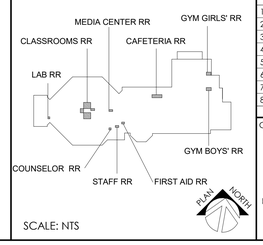
RCP NOTES

#	
1	NEW ACOUSTICAL CEILING TILE TO BE INSTALLED AT THE SAME HEIGHT AND LOCATION OF EXISTING CEILING TILE.
2	EXISTING ACOUSTICAL CEILING TO REMAIN.

RCP LEGEND

- ROOM NAME / ROOM NUMBER / CLG. HGT. — ROOM TAG W/ CEILING HEIGHT
- X'-X" — BOTTOM OF SOFFIT ELEVATION ABOVE FINISHED FLOOR
- ACOUSTICAL CEILING TILE & GRID. REFER TO A2 SHEETS FOR SIZES & TYPES
- GYPSUM BOARD BULKHEAD/SOFFIT/CEILING
- CROWN MOULDING
- HVAC DIFFUSER
- LIGHT FIXTURE IN ACOUSTICAL CEILING GRID
- LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- RECESSED LIGHT FIXTURE
- EXIT LIGHT FIXTURE
- EMERGENCY LIGHT FIXTURE
- TUBULAR SKYLIGHT

KEY PLAN



SCALE: NTS

rosstarrant architects
101 old lafayette avenue lexington, kentucky 40502 p:859.254.4018

RANDY S. BROOKS, JR. REGISTERED No. 5441 COMMONWEALTH OF KENTUCKY ARCHITECT

REFLECTED CEILING PLAN(S)
ELIZABETHTOWN HIGH SCHOOL RESTROOM RENOVATION
FOR:
ELIZABETHTOWN INDEPENDENT SCHOOLS
ELIZABETHTOWN, KENTUCKY

BG# 21-290

Project No:	2121
Drawn By:	FB/TS
Rev'd By:	GH

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REFLECTED CEILING PLAN(S)

DATE ISSUED:
09/16/2021

REVISIONS

#	DATE	DESCRIPTION

PLUMBING GENERAL NOTES

A COORDINATE THE LOCATION OF DRAINS, THERMOSTATS, GAS OUTLETS, ETC., WITH ALL CASEWORK EQUIPMENT, MECHANICAL ROOM EQUIPMENT, ETC., PRIOR TO COMMENCING INSTALLATION. WORK NOT SO COORDINATED SHALL BE REMOVED AND PROPERLY INSTALLED AT THE EXPENSE OF THE CONTRACTOR.

B 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, STANDARD 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.

C WHERE WORK IS REQUIRED ABOVE EXISTING LAY-IN, PLASTER OR GYPSUM BOARD CEILINGS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REINSTALLATION (OR REPLACEMENT, IF DAMAGED) OF ALL CEILING OR TILE AND GRID MEMBERS NECESSARY TO PERFORM HIS WORK. NEW TILE AND GRID SHALL MATCH THE SURROUNDING AREAS. ALL PATCHING WORK SHALL MATCH ADJACENT SURFACES.

D ALL NEW WORK SHALL BE HUNG FROM STRUCTURE, NOT FROM THE WORK OF OTHER TRADES, WHETHER EXISTING OR NEW.

E COORDINATE ALL WORK WITH PROJECT PHASING REQUIREMENTS.

F 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 ARCHITECT AND OWNER.

G 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.)

H CONTRACTOR SHALL BE AWARE OF UNSEEN PLUMBING WORK DURING DEMOLITION. IF ITEMS ARE UNCOVERED DURING DEMOLITION THEN FIELD VERIFY THE USE OF THE ITEMS AND PLAN AN ALTERNATE ROUTE TO RUN THESE ITEMS. THEN CONTACT THE ENGINEERS TO REVIEW THE ROUTING.

I ALL PENETRATIONS OF FIRE AND SMOKE RATED ASSEMBLIES SHALL BE APPROPRIATELY FIRE STOPPED PER AN APPROVED U.L. LISTED STANDARD. CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO INSULATED PIPING PENETRATIONS.

J 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.

K ALL PIPING IN ROOMS WITH CEILINGS SHALL BE ABOVE CEILING EXCEPT AS NOTED.

L IN ACCORDANCE WITH K.R.S. ALL PLUMBING WORK SHALL BE CONSTRUCTED IN COMPLIANCE WITH PLANS APPROVED BY AND BEARING THE APPROVAL STAMP OF THE KENTUCKY DIVISION OF PLUMBING AND/OR THE DIVISION OF WATER. THE CONTRACTOR SHALL NOT BEGIN WORK UNTIL HE HAS RECEIVED SUCH APPROVED PLANS.

M LOCATIONS OF PIPING AND EQUIPMENT ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. DO NOT SCALE THE DRAWINGS.

N ALL OFFSETS IN PIPING ARE NOT NECESSARILY SHOWN. PROVIDE ADDITIONAL OFFSETS WHERE NECESSARY.

O 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.).

P 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.

Q SEAL AIRTIGHT AROUND ALL DUCTS AND PIPING PENETRATIONS THROUGH WALLS, FLOORS AND ROOF. PROVIDE FIRE STOPPING IN FIRE PARTITION.

R THE CONTRACTOR SHALL RELOCATE OR AVOID ANY EXISTING EQUIPMENT APPURTENANCES, ETC., THAT CONFLICT WITH NEW WORK.

S WHERE MOUNTING HEIGHTS ARE NOT INDICATED OR ARE IN CONFLICT WITH ANY OTHER BUILDING SYSTEM, CONTACT THE ENGINEERS BEFORE INSTALLATION. REFER ALSO TO ARCHITECTURAL WALL INTERIOR AND EXTERIOR WALL ELEVATIONS, CEILING HEIGHTS AND OTHER DETAIL OF THESE DOCUMENTS.

T DEVIATIONS IN SIZE, CAPACITIES, FIT, FINISH, ETC. FOR EQUIPMENT FROM THAT USED AS BASIS OF DESIGN SHALL BE THE RESPONSIBILITY OF THE PURCHASER OF THAT EQUIPMENT. ANY PROVISIONS REQUIRED TO ACCOMMODATE A DEVIATION, WHETHER APPROVED BY THE ENGINEERS OR NOT, SHALL BE THE RESPONSIBILITY OF THE PURCHASER.

U VALVES, BALANCING DAMPERS OR ANY MECHANICAL/ELECTRICAL ITEM REQUIRING ACCESS SHALL NOT BE LOCATED ABOVE A HARD CEILING. IF THIS IS NOT POSSIBLE, THEN AN APPROPRIATELY SIZED ACCESS DOOR SHALL BE PLACED UNDER THE ITEM TO ALLOW EASY MAINTENANCE AND ADJUSTMENT. ADDITIONALLY ALL SUCH ITEMS SHALL NOT BE LOCATED AN UNREASONABLE DISTANCE ABOVE THE CEILINGS. IN GENERAL ALL SUCH ITEMS UNLESS INDICATED OTHERWISE SHALL BE MOUNTED SIX TO TWELVE INCHES ABOVE THE CEILING. IF IN DOUBT, CONTACT ENGINEER PRIOR TO INSTALLING.

V ALL MANHOLES, VAULTS AND SIMILAR UNDERGROUND STRUCTURES SHALL HAVE THE TOP ELEVATION SET FLUSH WITH FINISHED GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.

W WORK IN CONFINED AREAS SHALL BE IN ACCORDANCE WITH THE OWNER'S SAFETY POLICY REQUIREMENTS.

ABBREVIATIONS

AC	ALTERNATING CURRENT
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AFR	ABOVE FINISHED ROOF
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY
AHJ	AUTHORITY HAVING JURISDICTION
AMP	AMPERE (AMP, AMPS)
ANSI	AMERICAN NATIONAL STANDARD INSTITUTE
APD	AIR PRESSURE DROP
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATION, AND AIR-CONDITIONING ENGINEERS
AVG	AVERAGE
BAS	BUILDING AUTOMATION SYSTEM
BHP	BREAK HORSEPOWER
BTU	BRITISH THERMAL UNIT
CAP	CAPACITY
CD	CONDENSATE DRAIN
CFM	CUBIC FEET PER MINUTE
C.I.	CAST IRON
CLG	CEILING
CLR	CLEAR
CO	CARBON MONOXIDE
COND	CONDENS (-ER, -ING, -ATION, -ATE)
CONT	CONTINU (-ED, -OUS)
CU FT	CUBIC FEET
CU IN	CUBIC INCHES
CV	VALVE FLOW COEFFICIENT
dB	DECIBEL
DB	DRY BULB
DC	DIRECT CURRENT
DD	DUCT SMOKE DETECTOR
DDC	DIRECT DIGITAL CONTROLS
DEG	DEGREE (-S)
DIA	DIAMETER (-S)
DN	DOWN
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
ELEV	ELEVA (-TION, -TOR)
ENGR	ENGINEER
EQ	EQUAL
ESP	EXTERNAL STATIC PRESSURE
ETR	EXISTING TO REMAIN
EVAP	EVAPORAT (-E, -ING, -ED, -OR, -ION)
EWT	ENTERING WATER TEMPERATURE
EXP	EXPANSION
EXT	EXTERIOR
FA	FREE AREA

ABBREVIATIONS (CONTINUED)

FL	FLOOR
FLA	FULL LOAD AMPS
FOB	FLAT ON BOTTOM
FOT	FLAT ON TOP
FPC	FIRE PROTECTION CONTRACTOR
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FT	FEET **OR** FOOT
FUT	FUTURE
FV	FACE VELOCITY
GA	GAGE/GAUGE
GAL	GALLON (-S)
GC	GENERAL CONTRACTOR
GPD	GALLONS PER DAY
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GR	GRAINS
H	HUMIDITY
HD	HEAD
HG	MERCURY
HORIZ	HORIZONTAL
HP	H (-ORSEPOWER, -EAT PUMP)
HR	HOUR (-S)
HVAC	HEATING, VENTILATING, & AIR-CONDITIONING
Hz	HERTZ
ID	I (-DENTIFICATION, -NSIDE DIAMETER, -NSIDE DIMENSION)
IN	INCH (-ES)
INSUL	INSULAT (-ED, -ION)
INT	INTER (-IOR, -ERVAL)
IPS	IRON PIPE SIZE
kW	KILOWATT
kWh	KILOWATT HOUR
LBS	POUNDS
LF	LINEAR FEET/FOOT
LRA	LOCKED ROTOR AMPS
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	BTU PER HOUR [THOUSANDS]
MCA	MINIMUM CIRCUIT AMPS
MFG	MANUFACTURER
MIN	MIN (-IMUM, -UTE)
MISC	MISCELLANEOUS
MOCP	MAXIMUM OVERCURRENT PROTECTION [AMPS]
MTG	MOUNTING
N/A	NOT APPLICABLE
NC	NOISE CRITERIA **OR** NORMALLY CLOSED
NEBB	NATIONAL ENVIRONMENTAL BALANCING BUREAU
NIC	NOT IN CONTRACT

ABBREVIATIONS (CONTINUED)

NO	NORMALLY OPEN **OR** NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DI (-AMETER, -MENSION)
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OR	OPEN RECEPTACLE
OZ	OUNCE (-S)
PC	PLUMBING CONTRACTOR
PD	PRESSURE DROP
PH	PHASE [ELECTRICAL]
PLBG	PLUMBING
PPM	PARTS PER MILLION
PRS	PRESSURE REDUCING STATION
PRV	PRESSURE REDUCING VALVE (STEAM, WATER, GAS)
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIG	PPSI GAUGE
RLA	RUNNING LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
SQ	SQUARE
SQ FT	SQUARE FEET **OR** FOOT
SQ IN	SQUARE INCH **OR** INCHES
TAB	TESTING AND BALANCING
TBD	TO BE DETERMINED
TE	TOP ELEVATION
TEMP	TEMPERATURE
TPA	TRAP PRIMER ADAPTER
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
V	VOLT (-AGE, -S)
VAR	VARI (-ABLE, -IES)
VAV	VARIABLE AIR VOLUME
VEL	VELOCITY
VFD	VARIABLE FEQUENCY DRIVE
W	WATT (-AGE, -S)
WB	WET BULB
WBT	WET BULB TEMPERATURE
WPD	WATER PRESSURE DROP
WT	WEIGHT
W/	WITH
W/O	WITHOUT
%	PERCENT
ΔP	DIFFERENTIAL PRESSURE
ΔT	TEMPERATURE DIFFERENCE
℄	CENTERLINE

GENERAL SYMBOLS

#	TAGGED NOTE DESIGNATOR
X	REVISION TRIANGLE
	ROOM TAG
TAG XXX-# INSTANCE XXXX	EQUIPMENT TAG
XXX ##	DOMESTIC WATER RISER TAG
XXX ##	SANITARY, WASTE, & VENT RISER TAG
XXX ##	FIRE SUPPRESSION RISER TAG
	POINT OF CONNECTION / CONNECT TO EXISTING
	POINT OF DEMOLITION
D(XXX)	PIPING TO BE DEMOLISHED - (XXX) DENOTES SYSTEM
E(XXX)	EXISTING PIPING - (XXX) DENOTES SYSTEM
A(XXX)	ABANDONED IN PLACE PIPING - (XXX) DENOTES SYSTEM

VALVE SYMBOL LEGEND

	TWO-WAY CONTROL VALVE
	THREE-WAY CONTROL VALVE
	AUTOMATIC AIR VENT (AAV)
	MANUAL AIR VENT (MAV)
	MANUAL BALANCING VALVE (BV)
	BALL VALVE
	BUTTERFLY VALVE
	TRIPLE DUTY VALVE (TDV)
	STRAINER
	MANUAL ISOLATION VALVE
	GLOBE VALVE
	OS&Y (GATE) VALVE
	PRESSURE REDUCING VALVE (STEAM, GAS, WATER, ETC.)
	AUTO-FLOW CONTROL VALVE
	CHECK VALVE
	DOUBLE CHECK VALVE ASSEMBLY

PLUMBING PIPING LEGEND

	PIPE ELBOW TURNING UP
	PIPE ELBOW TURNING DOWN
	PIPE TEE; CONNECTION ON TOP
	PIPE TEE; CONNECTION ON BOTTOM
	PIPE CAP
AVT	ACID VENT
AW	ACID WASTE
CA	COMPRESSED AIR
DCW	DOMESTIC COLD WATER (DCW)
DHW DHW(#°F)	DOMESTIC HOT WATER (DHW)
DHR DHR(#°F)	RECIRCULATED DOMESTIC HOT WATER (DHR)

PLUMBING SYMBOL LEGEND

	FLEXIBLE PIPE CONNECTION
	FLOW METER (VENTURI)
	PIPING UNION
	FLOW SWITCH
	PRESSURE SWITCH
	TAMPER SWITCH
	THERMOMETER
	PETE'S PLUG; TEMPERATURE/PRESSURE PORT

APPLICABLE BUILDING CODES

APPLICABLE BUILDING CODES	DOCUMENT	YEAR
ACCESSIBLE AND USEABLE BUILDINGS AND FACILITIES	ANSI A117.1	2009
FIRE SPRINKLER CODE	NFPA 13	2013
INTERNATIONAL BUILDING CODE (IBC)	STATE EDITION	2015
INTERNATIONAL ENERGY CONSERVATION CODE (IECC) OR ASHRAE 90.1	STATE EDITION	2012
INTERNATIONAL FIRE CODE (IFC)	STATE EDITION	2015
INTERNATIONAL FUEL GAS CODE (IFGC)	STATE EDITION	2015
INTERNATIONAL MECHANICAL CODE (IMC)	STATE EDITION	2015
INTERNATIONAL PLUMBING CODE (IPC)	STATE EDITION	2015
INTERNATIONAL EXISTING BUILDING CODE (IEBC)	STATE EDITION	2009
NATIONAL ELECTRIC CODE (NEC)	NFPA 70	2017
NATIONAL FIRE ALARM & SIGNALING CODE	NFPA 72	2013
UNIFORM STATEWIDE BUILDING CODE	KBC	2018

Sheet List - Plumbing

SHEET #	SHEET NAME
P1.0	PLUMBING LEGEND
P2.1	ENLARGED PLANS - PLUMBING DEMOLITION
P2.2	ENLARGED PLANS - PLUMBING DEMOLITION
P3.1	ENLARGED PLANS - PLUMBING
P3.2	ENLARGED PLANS - PLUMBING
P4.0	MECHANICAL DETAILS
P5.0	PLUMBING RISERS
P5.1	PLUMBING RISERS
P5.2	PLUMBING RISERS

PLUMBING PHASING NOTES

A THIS PROJECT INTERFACES EXTENSIVELY WITH EXISTING BUILDING SERVICES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND PHASE ALL TIE-INS AND INTERRUPTIONS OF EXISTING SERVICES TO MINIMIZE OR ELIMINATE DOWNTIME. AS AN EXAMPLE, MAIN GAS SERVICE, WATER SERVICE, ELECTRICAL SERVICE, HVAC SERVICES, STEAM GENERATION, ETC., WILL BE AFFECTED AND REPLACED OR MOVED DURING THIS PROJECT. THE CONTRACTOR SHALL INSTALL ALL NEW SERVICES AND EQUIPMENT AND HAVE THEM TESTED AND FULLY AND RELIABLY FUNCTIONAL PRIOR TO INTERRUPTING, RELOCATING OR REMOVING ANY EXISTING SERVICES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO BARE ANY AND ALL COSTS ASSOCIATED WITH THIS PHASING, INCLUDING TEMPORARY SERVICES, TEMPORARY RELOCATION, PREMIUM TIME WORK, ETC. CONTRACTOR SHALL COORDINATE ALL SAID WORK WITH THE OWNER AND APPLICABLE UTILITIES PER THE CONTRACT DOCUMENTS.

PLUMBING DEMOLITION NOTES

A THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR AREAS IN WHICH THE CEILING IS REMAINING. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE EXISTING CEILING AS REQUIRED AND REINSTALLATION. TEMPORARILY SUPPORT LIGHTS, DIFFUSERS, CEILING ETC. REPLACE BROKEN CEILING TILES WITH NEW AT NO ADDITIONAL COST TO OWNER. FIELED VERIFY EXACT REQUIREMENTS.

B ALL WALLS AND FLOOR SLABS SHALL BE REPAIRED TO MATCH EXISTING AND TO A LIKE NEW CONDITION. ALL RATED WALLS AND FLOOR SLABS SHALL BE PATCHED AND REPAIRED TO MAINTAIN RATING.

C ALL EXISTING BUILDING FINISHES SHALL BE PROTECTED DURING THE DEMOLITION PHASE.

D HEAVY DASHED LINES INDICATE ITEMS FOR REMOVAL (UON) AND LIGHT SOLID LINES INDICATE EXISTING ITEMS TO REMAIN.

E COORDINATE DISPOSAL OF ALL FIXTURES, DEVICES, ETC. (INDICATED FOR DEMOLITION) WITH THE OWNER.

F ALL OUTAGES SHALL BE SCHEDULED THROUGH THE ELIZABETHTOWN INDEPENDENT FACILITY DIRECTOR FOR PROPER COORDINATION. A REQUEST FOR AN OUTAGE SHALL BE SUBMITTED IN WRITING A MINIMUM OF TWO WEEKS IN ADVANCE.

G ALL DUCTWORK, PIPING, CONDUIT, ETC. SHALL BE INSTALLED A MINIMUM OF 4" ABOVE THE TOP OF THE CEILING GRID.

PLUMBING HAZARDOUS MATERIALS NOTES

A THE CONTRACTOR IT IS HEREBY ADVISED THAT IS POSSIBLE THAT ASBESTOS AND/OR OTHER HAZARDOUS MATERIALS ARE OR WERE PRESENT IN THIS BUILDING(S). ANY WORKER, OCCUPANT, VISITOR, ETC., WHO ENCOUNTERS ANY MATERIAL OF WHOSE CONTENT THEY ARE NOT CERTAIN SHALL PROMPTLY REPORT THE EXISTENCE AND LOCATION OF THAT MATERIAL TO THE OWNER. FURTHERMORE, THE CONTRACTOR SHALL INSURE THAT NO ONE COMES NEAR TO OR IN CONTACT WITH ANY SUCH MATERIAL OR FUMES THEREFROM UNTIL ITS CONTENT CAN BE ASCERTAINED TO BE NON-HAZARDOUS.

B CMTA, INC. HAS NO EXPERTISE IN THE DETERMINATION OF THE PRESENCE OF ANY HAZARDOUS MATERIAL. THEREFORE, NO ATTEMPT HAS BEEN MADE BY CMTA TO IDENTIFY THE EXISTENCE OR LOCATION OF ANY SUCH HAZARDOUS MATERIAL. FURTHERMORE, CMTA NOR ANY AFFILIATE HEREOF WILL NOT OFFER OR MAKE ANY RECOMMENDATIONS RELATIVE TO THE REMOVAL, HANDLING OR DISPOSAL OF SUCH MATERIAL.

C IF THE WORK WHICH IS TO BE PERFORMED INTERFACES, CONNECTS OR RELATES IN ANY PHYSICAL WAY WITH OR TO EXISTING COMPONENTS WHICH CONTAIN OR BEAR ANY HAZARDOUS MATERIAL, ASBESTOS BEING ONE, THEN IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO CONTACT THE OWNER AND SO ADVISE HIM IMMEDIATELY.

D THE CONTRACTOR BY EXECUTION OF THE CONTRACT FOR ANY WORK AND/OR BY THE ACCOMPLISHMENT OF ANY WORK THEREBY AGREE TO BRING NO CLAIM RELATIVE TO HAZARDOUS MATERIALS FOR NEGLIGENCE, BREACH OF CONTRACT, INDEMNITY, OR ANY OTHER SUCH ITEM AGAINST CMTA, ITS PRINCIPALS, EMPLOYEES, AGENTS OR CONSULTANTS. ALSO, THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD CMTA, ITS PRINCIPALS, EMPLOYEES, AGENTS AND CONSULTANTS HARMLESS FROM ANY SUCH RELATED CLAIMS WHICH MAY BE BROUGHT BY ANY SUBCONTRACTORS, SUPPLIERS OR ANY OTHER THIRD PARTIES.

E THE CONTRACTOR IS DIRECTED TO THE SPECIFICATIONS FOR FURTHER INFORMATION.

PLUMBING FIXTURE SCHEDULE

TAG	DESCRIPTION	CW	HW	VENT	WASTE/DRAIN	VOLTAGE	EXTERNAL CHECK VALVE
FD-1	FLOOR DRAIN - 6" DIA. : ZURN. ZN-415 OR EQUAL FLOOR DRAIN WITH 6" DIAMETER TOP, TYPE "B" NICKEL BRONZE STRAINER, 4" DRAIN OUTLET AND TRAP PRIMER CONNECTION.	-	-	2"	4"	Yes	Yes
HB	HOSE BIBB : ZURN MODEL Z1350 OR EQUAL ENCASED MODERATE CLIMATE WALL HYDRANT FOR NARROW WALL INSTALLATION. WITH ALL BRONZE BODY, ALL BRONZE INTERIOR PARTS, REPLACEABLE SEAT WASHER, LOOSE KEY OPERATED CONTROL VALVE, VACUUM BREAKER AND 3/4" MALE HOSE CONNECTION. ADJUSTABLE STAINLESS STEEL BOX FURNISHED WITH HINGED COVER CYLINDER LOCK AND "WATER" STAMPED ON THE COVER. MOUNTED WITH HOSE CONNECTION AT 18" ABOVE FINISHED FLOOR ELEVATION OF AREA SERVED.	1/2"	-	-	-	Yes	Yes
P-1	WATER CLOSET - FLOOR MOUNTED - MANUAL FLUSH VALVE : VITREOUS CHINA, 15" HIGH ELONGATED BOWL, SIPHON JET, 11/2" TOP SPUD INLET, CHINA BOLT CAPS AND WHITE OPEN FRONT PLASTIC SEAT WITH SELF-SUSTAINING CHECK HINGES. PROVIDE WITH MANUAL 1.6 GPF FLUSH VALVE.	1-1/2"	-	2"	4"	Yes	Yes
P-1A	WATER CLOSET - FLOOR MOUNTED - MANUAL FLUSH VALVE - ADA COMPLIANT : VITREOUS CHINA, 18" HIGH ELONGATED BOWL, SIPHON JET, 11/2" TOP SPUD INLET, CHINA BOLT CAPS AND WHITE OPEN FRONT PLASTIC SEAT WITH SELF-SUSTAINING CHECK HINGES. PROVIDE MANUAL 1.6 GPF FLUSH VALVE WITH HANDLE AT A MAXIMUM OF 31" AFF.	1-1/2"	-	2"	4"	Yes	Yes
P-2	URINAL : VITREOUS CHINA SIPHON JET URINAL WITH 3/4" TOP SPUD INLET, 2" I.P.S. OUTLET AND 1.0 GPF MANUAL FLUSH VALVE. MOUNT WITH LIP OF URINAL AT 24" ABOVE FINISHED FLOOR. PROVIDE FLOOR MOUNTED WALL CARRIER.	3/4"	-	2"	2"	Yes	Yes
P-2A	URINAL - ADA COMPLIANT : VITREOUS CHINA SIPHON JET URINAL WITH 3/4" TOP SPUD INLET, 2" I.P.S. OUTLET AND 1.0 GPF MANUAL FLUSH VALVE. MOUNT WITH LIP OF URINAL AT 16" ABOVE FINISHED FLOOR. CONTROLS SHALL BE A MAXIMUM OF 35" ABOVE FINISHED FLOOR. PROVIDE FLOOR MOUNTED WALL CARRIER.	3/4"	-	2"	2"	Yes	Yes
P-3	LAVATORY - WALL HUNG W/ SINGLE LEVER FAUCET - ADA COMPLIANT : VITREOUS CHINA, 20"X18" WALL HUNG LAVATORY WITH 4" FAUCET CENTERS, CONCEALED ARMS AND 4" HIGH BACKSPLASH. PROVIDE WITH A 0.5 GPM SINGLE LEVER FAUCET, CHROME PLATED 3/8" SUPPLIES WITH STOPS, GRID DRAIN, A KENTUCKY CODE P-TRAP, TAILPIECE AND ESCUTCHEONS. MOUNT LAVATORY AT A HEIGHT LEAVING A CLEARANCE OF AT LEAST 29" FROM THE FLOOR TO THE APRON AND THE RIM AT A MAXIMUM OF 34" AFF. PROVIDE ON THE EXPOSED WASTE PIPE AND WATER SUPPLY LINES A TRAP-WRAP INSULATION KIT WITH A VINYL AND PLASTIC COVERING.	1/2"	1/2"	2"	2"	Yes	Yes
P-4	MOP BASIN : 24"X24"X10" HIGH TERRAZZO MOP SERVICE BASIN, NEO-CORNER STYLE IN WHITE DRIFT COLOR, 3" DRAIN, SERVICE FAUCET, HOSE AND HOSE BRACKET, VINYL BUMPERGUARD AND STAINLESS STEEL WALL GUARDS. THE DRAIN SHALL BE LOCATED 12" TO THE CENTER. PROVIDE A CHECK VALVE IN THE HOT AND COLD WATER SUPPLIES.	3/4"	3/4"	2"	3"	Yes	Yes

REGISTERS, GRILLES, AND DIFFUSERS

MARK	MANUFACTURER	MODEL #	TYPE	GRILLE SIZE	PANEL SIZE	DUCT INLET SIZE	DUCT BRANCH SIZE	CFM	P.D.	NOISE CRITERIA	THROW PATTERN	REMARKS
E-1	TITUS	45F	ALUMINUM 1/2" EGG CRATE	12x12	12x12	8x8	6"	0-100	0.02	20	-	
E-2	TITUS	45F	ALUMINUM 1/2" EGG CRATE	24x24	24x24	20x20	10"	0-400	0.05	20	-	
E-3	TITUS	350FL	FIXED ALUMINUM SIDEWALL GRILLE	8x6	8x6	8x6	8x6	0-200	0.05	20	-	
S-1	TITUS	TDCA-AA SERIES	ALUMINUM ADJUSTABLE SQUARE DIFFUSER	15x15	24x24	9x9	8"	101-225	0.05	25	4-WAY	

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101 old lafayette avenue lexington, kentucky 40502 p 859.254.4018

NOT FOR CONSTRUCTION

CMTA
110 Memorial Drive, Paducah KY 42001
270.384.0820 www.cmtaeng.com

PLUMBING LEGEND

Elizabethtown High School Restroom Renovation

FOR:

ELIZABETHTOWN INDEPENDENT SCHOOLS

Elizabethtown, Kentucky

BG # 21-290

Project No:	2121/XETR21
Drawn By:	WDT
Rev'd By:	MCW

SHEET RELEASE

1	
2	
3	
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7	
8	

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CONSTRUCTION DOCUMENTS

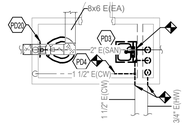
P1.0

PLUMBING LEGEND

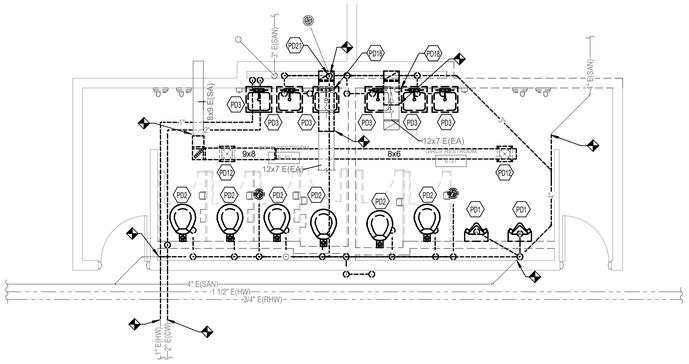
DATE ISSUED:
09/14/2021

REVISIONS

#	DATE	DESCRIPTION



PLUMBING DEMOLITION - MEDIA CENTER RESTROOM
9 SCALE: 1/4" = 1'-0"



PLUMBING DEMOLITION - CAFETERIA RESTROOM
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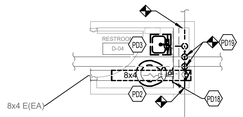

PLUMBING DEMOLITION - COUNSELOR RESTROOM
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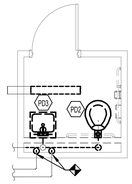
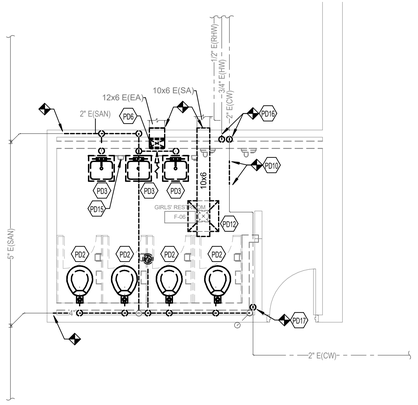
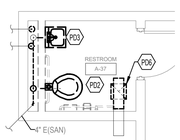


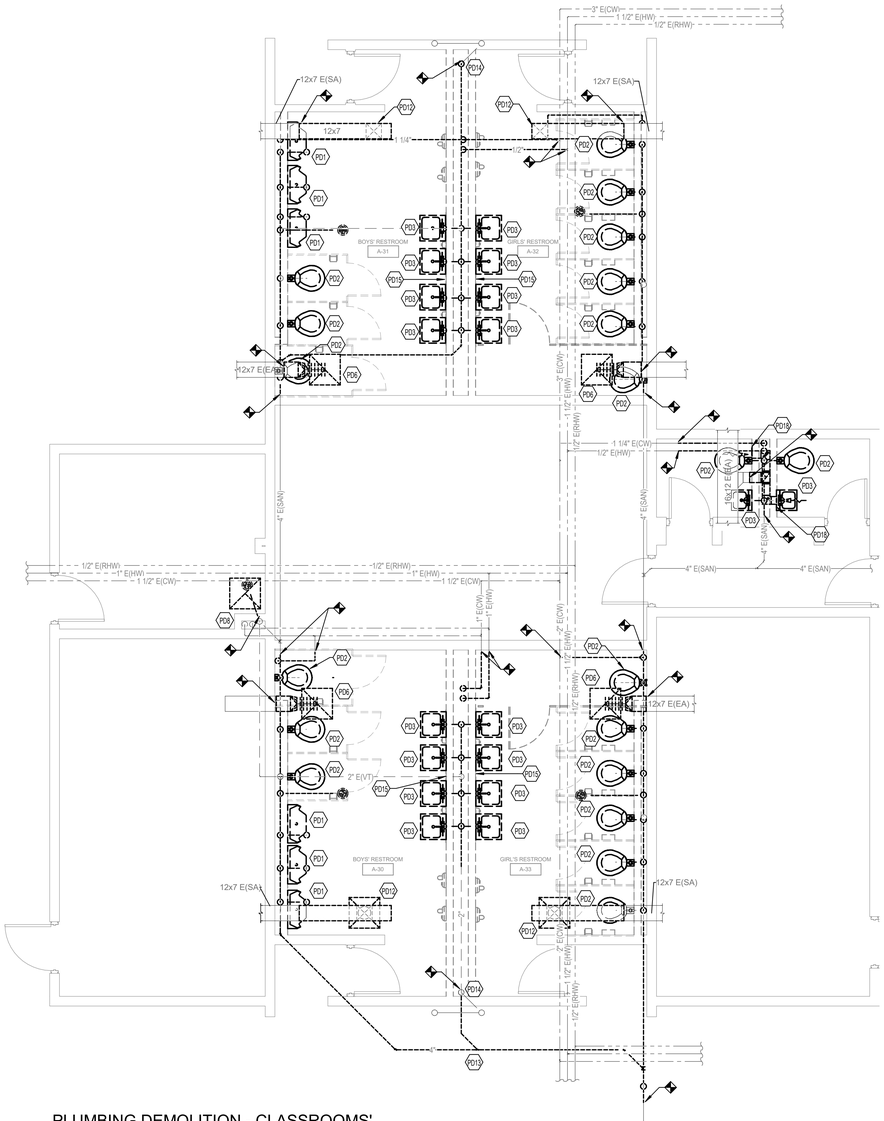
PLUMBING DEMOLITION - LAB RESTROOM
8 SCALE: 1/4" = 1'-0"



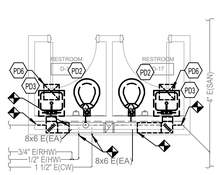
PLUMBING DEMOLITION - GYM ENTRY GIRLS' RESTROOM
5 SCALE: 1/4" = 1'-0"



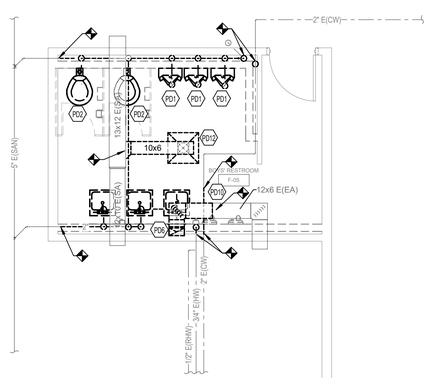
PLUMBING DEMOLITION - FIRST AID RESTROOM
4 SCALE: 1/4" = 1'-0"



PLUMBING DEMOLITION - CLASSROOMS' RESTROOM
2 SCALE: 1/4" = 1'-0"



PLUMBING DEMOLITION - STAFF RESTROOM
7 SCALE: 1/4" = 1'-0"



PLUMBING DEMOLITION - GYM ENTRY BOYS' RESTROOM
6 SCALE: 1/4" = 1'-0"

TAGGED NOTES

PD1 DEMOLISH EXISTING URINAL AND ALL ASSOCIATED CARRIERS, SUPPPORTS, SANITARY, VENT, AND DOMESTIC WATER PIPING COMPLETE.

PD2 REMOVE EXISTING WATER CLOSET AND ALL ASSOCIATED CARRIERS, SUPPORTS, SANITARY, VENT, AND DOMESTIC WATER PIPING COMPLETE.

PD3 REMOVE EXISTING LAVATORY AND ALL ASSOCIATED CARRIERS, SUPPORTS, SANITARY, VENT, AND DOMESTIC WATER PIPING COMPLETE.

PD4 DEMOLISH EXISTING WATER CLOSET FIXTURE ONLY AS REQUIRED TO REPLACE WITH NEW FIXTURE. EXISTING CHASE WALL AND PIPING WITHIN TO REMAIN COMPLETE. PROVIDE WITH NEW WAX RING, CAULKING, ETC TO ENSURE A COMPLETE INSTALLATION, TYPICAL. RECONNECT NEW FIXTURE TO EXISTING PIPING/CARRIER. FIELD VERIFY REQUIREMENTS PRIOR TO ORDERING NEW FIXTURE. FIELD MEASUREMENTS MUST BE INDICATED ON SUBMITTED SHOP DRAWINGS.

PD6 DEMOLISH EXISITING EXHAUST GRILLE AND 6FT OF ASSOCIATED BRANCH DUCTWORK ABOVE CEILING. PROVIDE NEW EXHAUST GRILLE AS SPECIFIED WITH 6 FT OF FLEXIBLE EXHAUST DUCTWORK AS REQUIRED TO FIT NEW GRILLE WITHIN NEW CEILING. REFER TO ARCHITECTURAL PLANS FOR COORDINATION.

PD8 DEMOLISH EXISITING TILE MOP BASIN ONLY AS REQUIRED TO ACCOMMODATE NEW FIXTURE. DEMOLISH EXISITING SANITARY WASTE PIPING AND TRAP DOWN TO BELOW SLAB AND REPLACE WITH NEW TRAP AND SANITARY PIPING AS REQUIRED TO RECONNECT TO EXISTING UNDER-SLAB WASTE PIPING IN WALL.

PD10 DEMOLISH PIPING AS REQUIRED TO INSTALL NEW ISOLATION VALVES FOR WATER SUPPPLIES TO EXISITNG RESTROOM. REFER TO NEW WORK PLAN.

PD12 DEMOLISH EXISTING SUPPLY DIFFUSER AND 6 FT OF ASSOCIATED BRANCH DUCTWORK ABOVE CEILING. PROVIDE NEW SUPPLY GRILLE AS SPECIFIED WITH 6 FT OF FLEXIBLE DUCTWORK AS REQUIRED TO FIT NEW DIFFUSER WITHIN NEW CEILING. REFER TO ARCHITECTURAL PLANS FOR FOR COORDINATION.

PD13 DEMOLITION AND REPLACEMENT OF SANITARY PIPING OUTSIDE OF RESTROOM TO BE SCHEDULED WITH OWNER DURING A TIME IN WHICH SCHOOL IS OUT OF SESSION.

PD14 EXISTING DRINKING FOUNTAIN TO REMAIN. DEMOLISH ASSOCIATED WATSTE, VENT, AND DOMESTIC COLD WATER PIPING TO THE GREATEST EXTENT POSSIBLE. REPLACE WITH NEW PIPING. REFER TO NEW WORK PLANS FOR MORE INFORMATION.

PD15 DEMOLISH EXISTING HOSE BIBB AND ALL ASSOCIATED DOMESTIC COLD WATER PIPING.

PD16 DEMOLISH DOMESTIC HOT WATER AND DOMESTIC COLD WATER UP TO MAIN. CAP DOMESTIC COLD WATER PIPE AT MAIN. RECONNECT NEW DOMESTIC HOT WATER PIPING AT POINT OF DEMOLITION. REFER TO NEW WORK PLANS.

PD17 DEMOLISH DOMESTIC COLD WATER PIPING UP TO MAIN AND CAP.

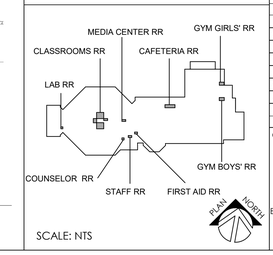
PD18 DEMOLISH EXISTING EXHAUST SIDEWALL GRILLE AND ASSOCIATED BRANCH DUCTWORK TO POINT INDICATED. PROVIDE NEW EXHAUST GRILLE AS SPECIFIED WITH NEW DUCTWORK AS REQUIRED TO FIT NEW GRILLE IN WALL OR CEILING. REFER TO NEW WORK PLANS.

PD19 DEMOLISH DOMESTIC COLD AND DOMESTIC HOT WATER UP TO MAIN AND CAP.

PD20 REMOVE EXISTING EXHAUST SIDEWALL GRILLE ONLY. SUPPLY NEW EXHAUST GRILLE AND CONNECT TO EXISTING DUCTWORK. REFER TO NEW PLANS.

PD21 EXISTING MOP SINK TO REMAIN. DEMOLISH ASSOCIATED WASTE, VENT, AND DOMESTIC COLD AND HOT WATER PIPING TO THE GREATEST EXTENT POSSIBLE. REPLACE WITH NEW PIPING. REFER TO NEW WORK PLANS FOR MORE INFORMATION.

KEY PLAN



SCALE: NTS

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ENLARGED PLANS - PLUMBING DEMOLITION

Elizabethtown High School Restroom Renovation

FOR:

ELIZABETHTOWN INDEPENDENT SCHOOLS

Elizabethtown, Kentucky

BG#	21-290
Project No:	2121/XETR21
Drawn By:	WDT
Rev'd By:	MCW

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P2.1

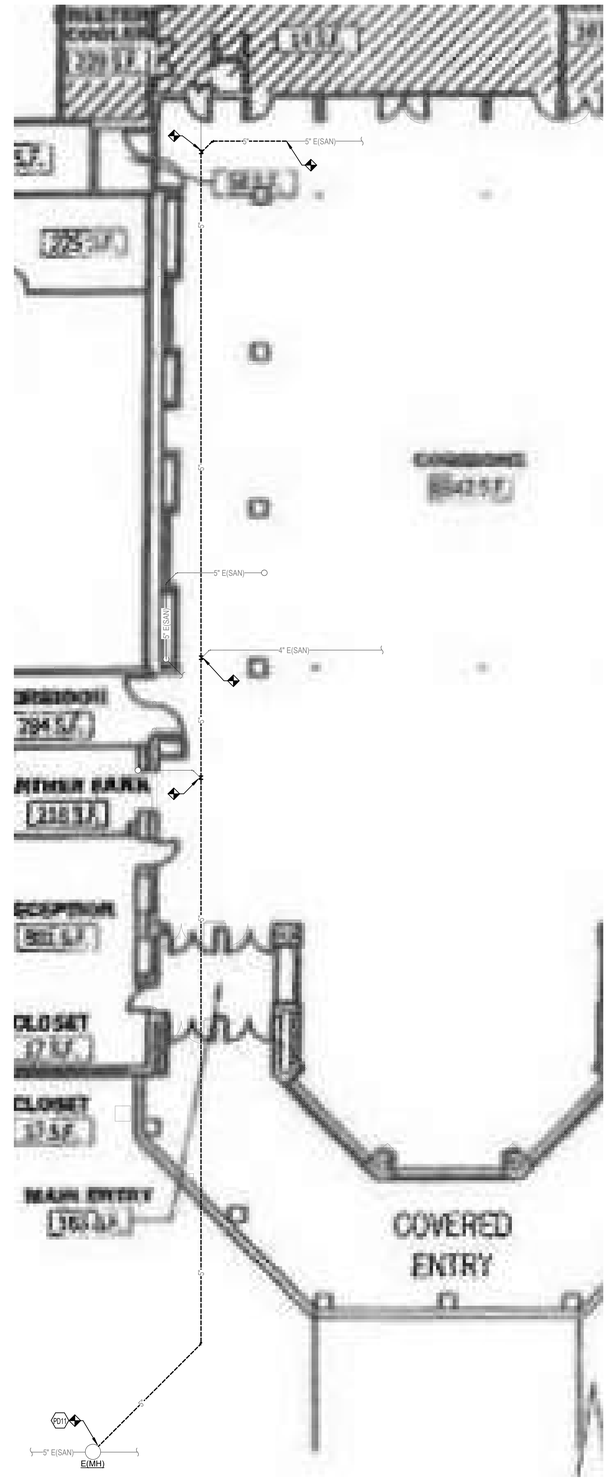
ENLARGED PLANS - PLUMBING DEMOLITION

DATE ISSUED:

09/14/2021

REVISIONS

#	DATE	DESCRIPTION



PLUMBING - CAFETERIA AND LOBBY DEMOLITION PLAN

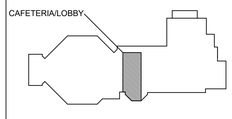
1 SCALE: 1/8" = 1'-0"

0 2' 4' 8' 16' 24' 32'

TAGGED NOTES

PD11 DEMOLISH EXISTING SANITARY PIPING UP TO EXISTING MANHOLE. RECONNECT NEW SANITARY PIPING TO EXISTING MANHOLE. SEE NEW WORK PLANS.

KEY PLAN



SCALE: NTS

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ENLARGED PLANS - PLUMBING DEMOLITION

Elizabethtown High School Restroom Renovation

FOR:

ELIZABETHTOWN INDEPENDENT SCHOOLS

Elizabethtown, Kentucky

BG# 21-290

Project No: 2121/XETR21

Drawn By: Author

Rev'd By: Checker

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P2.2

ENLARGED PLANS - PLUMBING DEMOLITION

DATE ISSUED: 09/14/2021

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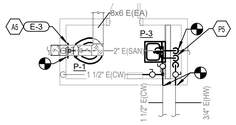
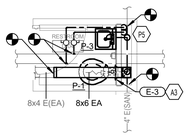
#	DATE	DESCRIPTION



8 PLUMBING - MEDIA CENTER RESTROOM
SCALE: 1/4" = 1'-0"



9 PLUMBING - COUNSELOR RESTROOM
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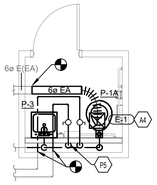

7 PLUMBING - LAB RESTROOM
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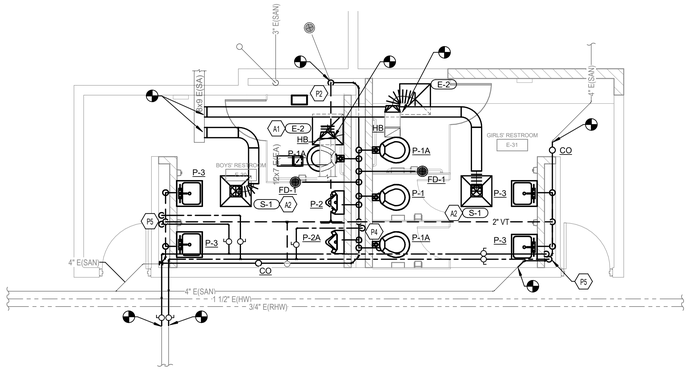

2 PLUMBING - CAFETERIA RESTROOM
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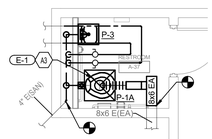

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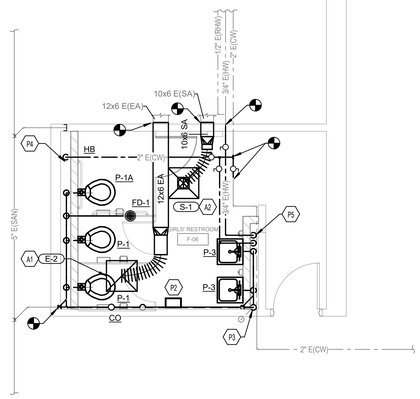
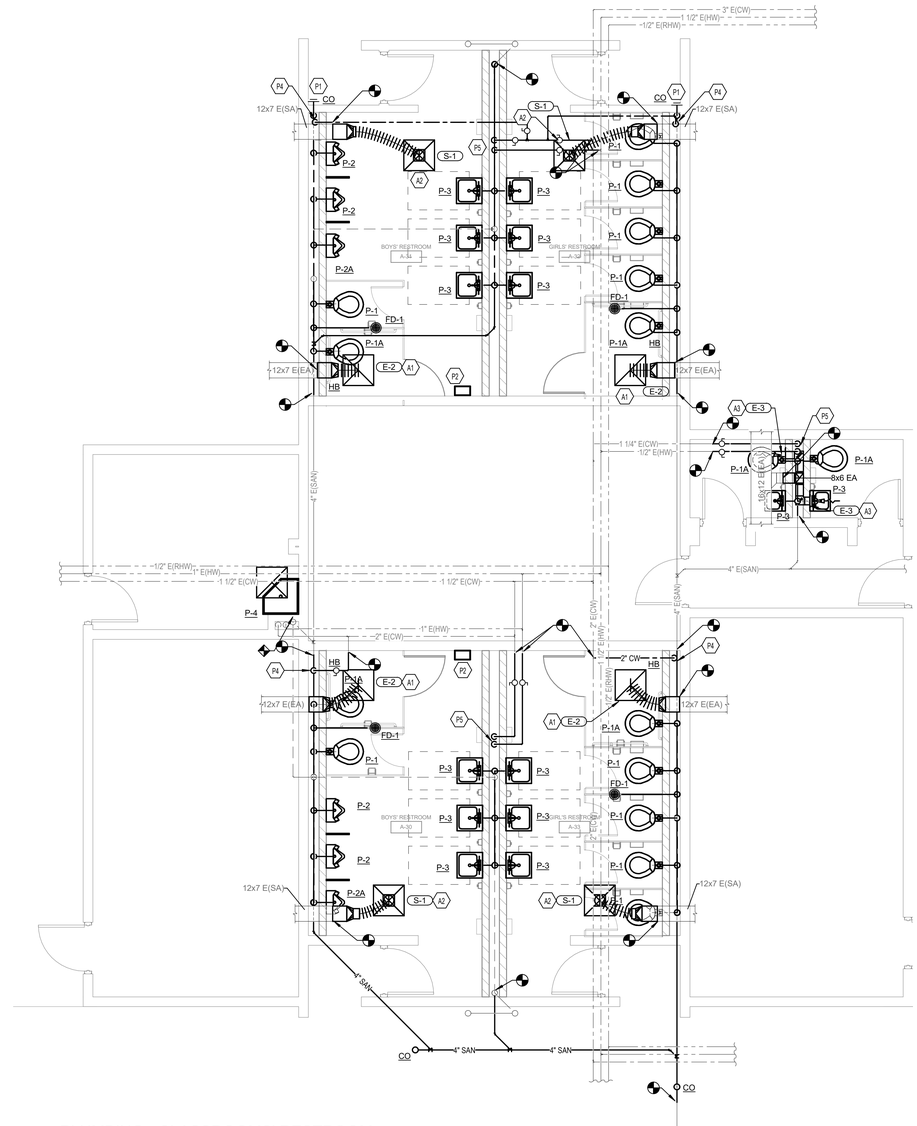
SCALE: 1/4" = 1'-0"



6 PLUMBING - GYM ENTRY GIRLS' RESTROOM
SCALE: 1/4" = 1'-0"



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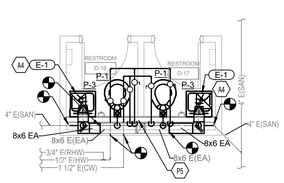
SCALE: 1/4" = 1'-0"



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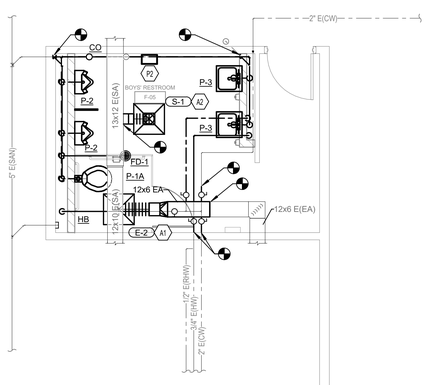
SCALE: 1/4" = 1'-0"



3 PLUMBING - GYM ENTRY BOYS' RESTROOM
SCALE: 1/4" = 1'-0"

TAGGED NOTES

A1 PROVIDE NEW 24X24 TITUS MODEL 45F (OR EQUAL) ALUMINUM, SITE PROOF EGGCRATE EXHAUST GRILLE. MOUNT IN NEW CEILING. REFER TO ARCHITECTURAL DRAWINGS. PROVIDE NEW FLEXIBLE DUCTWORK AND CONNECT AS REQUIRED TO EXISTING DUCT SYSTEM ABOVE CEILING. REFER TO DETAIL.

A2 PROVIDE NEW 24X24 TITUS MODEL TDCA-AA (OR EQUAL) ALUMINUM, DIFFUSER. MOUNT IN CEILIONG. REFER TO ARCHITECTURAL DRAWINGS. PROVIDE NEW FLEXIBLE DUCTWORK AND CONNECT AS REQUIRED TO EXISTING DUCT SYSTEM ABOVE CEILING. REFER TO DETAIL.

A3 PROVIDE NEW 8X6 TITUS MODEL 350FL (OR EQUAL) ALUMINUM EXHAUST GRILLE. MOUNT IN NEW CHASE WALL WHERE TOP OF GRILL IS 9" BELOW FINISHED CEILING. PROVIDE NEW DUCTWORK AND CONNECT AS REQUIRED TO EXISTING DUCT WORK.

A4 PROVIDE NEW 12X12 TITUS MODEL 45F (OR EQUAL) ALUMINUM, SITE PROOF EGGCRATE EXHAUST GRILLE. MOUNT IN NEW CEILING. REFER TO ARCHITECTURAL DRAWINGS. PROVIDE NEW FLEXIBLE DUCTWORK AND CONNECT AS REQUIRED TO EXISTING DUCT SYSTEMABOVE CEILING. REFER TO DETAIL.

A5 PROVIDE NEW 8X6 TITUS MODEL 350FL (OR EQUAL) ALUMINUM EXHAUST GRILLE. MOUNT IN EXISTING WALL WHERE TOP OF GRILL IS 9" BELOW FINISHED CEILING. CONNECT AS REQUIRED TO EXISTING DUCTWORK.

P1 PROVIDE NEW 4" FULL-SIZED WALL CLEANOUT IN EXISTING WALL. MOUNT AT 8" AFF TO BOTTOM OF CLEANOUT.

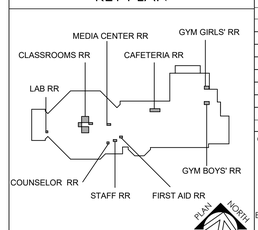
P2 PROVIDE AND INSTALL TRAP PRIMER ABOVE CEILING AT LOCATION INDICATED. ROUTE PIPING THROUGH CHASE AS REQUIRED TO FLOOR DRAINS IN THE RESPECTIVE RESTROOMS.

P3 PROVIDE NEW SANITARY WASTE, VENT, AND DOMESTIC COLD WATER PIPING TO PIPE EXISTING DRINKING FOUNTAIN BACK INTO SYSTEM.

P4 ROUTE DOMESTIC COLD WATER DOWN THROUGH CHASE TO PLUMBING FIXTURES AS REQUIRED PER PLUMBING FIXTURE MANUFACTUERER REQUIREMENTS. REFER TO PLUMBING FIXTURE SCHEDULE FOR BRANCH PIPING SIZE REQUIREMENTS.

P5 ROUTE DOMESTIC COLD WATER AND DOMESTIC HOT WATER DOWN THROUGH CHASE TO PLUMBING FIXTURES AS REQUIRED PER PLUMBING FIXTURE MANUFACTURER REQUIREMENTS. REFER TO PLUMBING FIXTURE SHCEDULE FOR BRANCH PIPING SIZE REQUIREMENTS.

KEY PLAN



SCALE: NTS

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ENLARGED PLANS - PLUMBING
Elizabethtown High School Restroom Renovation
FOR:
ELIZABETHTOWN INDEPENDENT SCHOOLS
Elizabethtown, Kentucky

BG#	21-290
Project No:	2121/XETR21
Drawn By:	WDT
Rev'd By:	MCW

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ENLARGED PLANS - PLUMBING

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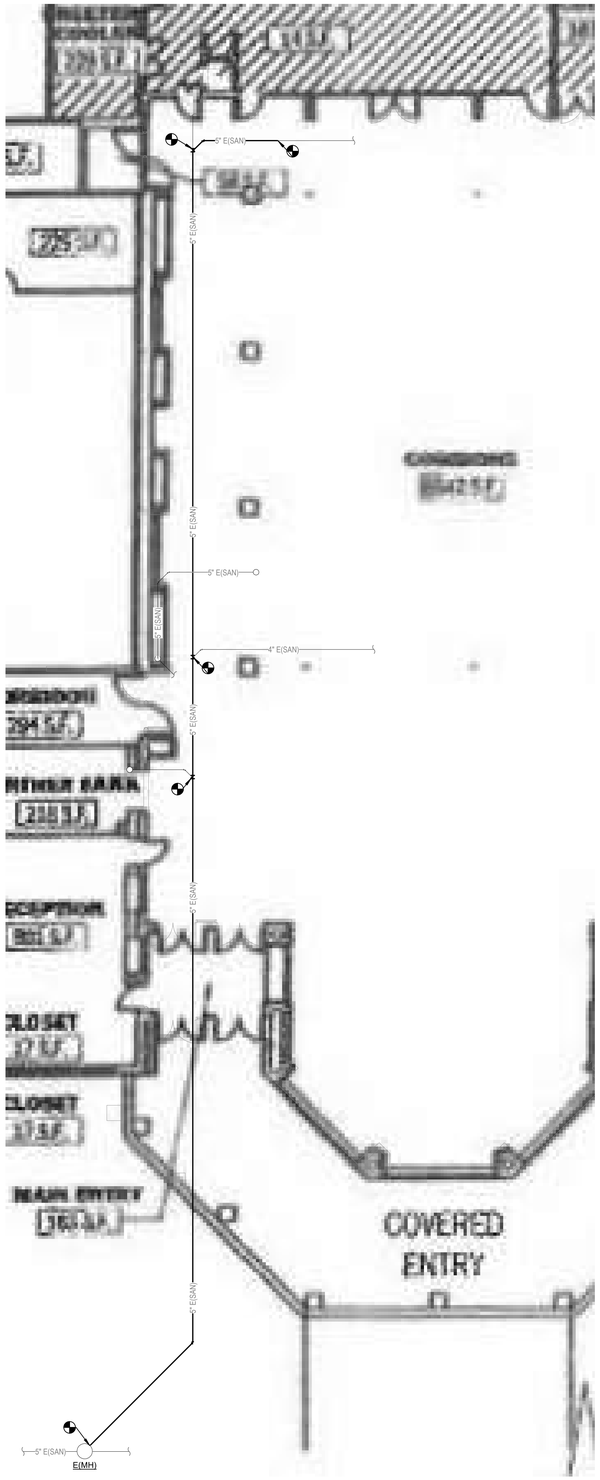


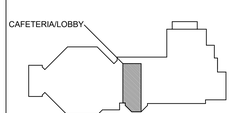
PLUMBING - CAFETERIA AND LOBBY NEW WORK PLAN

1 SCALE: 1/8" = 1'-0"

0 2' 4' 8' 16' 24' 32'

TAGGED NOTES

KEY PLAN



SCALE: NTS

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ENLARGED PLANS - PLUMBING

Elizabethtown High School Restroom Renovation

FOR:

ELIZABETHTOWN INDEPENDENT SCHOOLS

Elizabethtown, Kentucky

BG# 21-290

Project No: 2121/XETR21

Drawn By: Author

Rev'd By: Checker

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ENLARGED PLANS - PLUMBING

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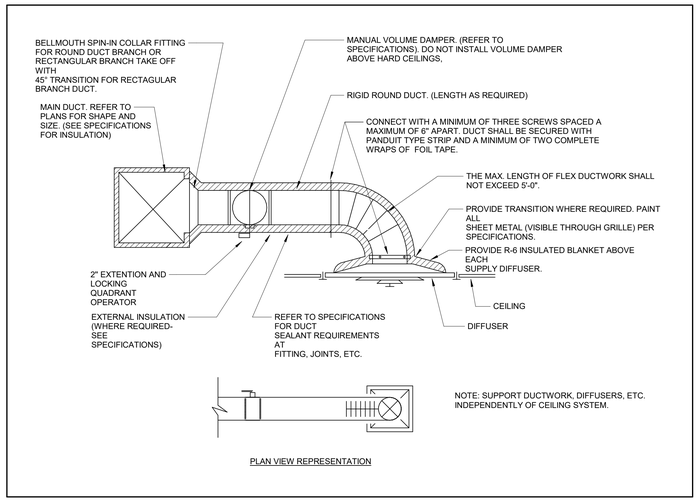

4 TYPICAL BRANCH DUCT DETAIL(SUPPLY, RETURN, AND EXHAUST)
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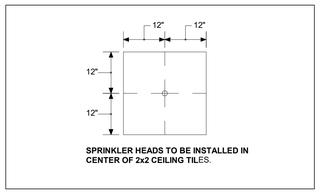

1 FIRE PROTECTION 2x2 CEILING TILE DETAIL
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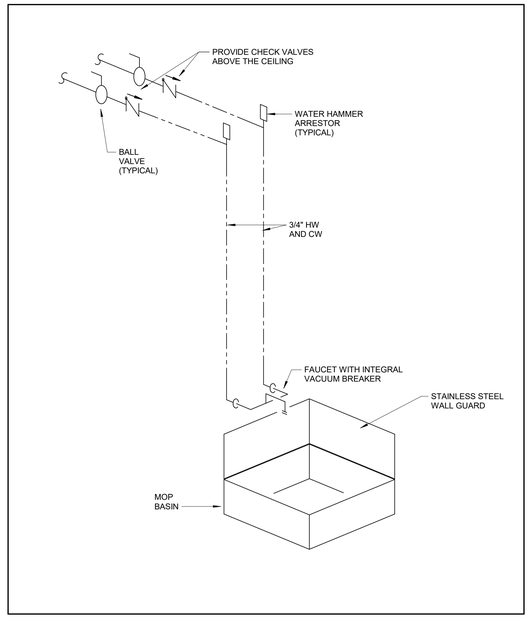

3 MOP BASIN DETAIL
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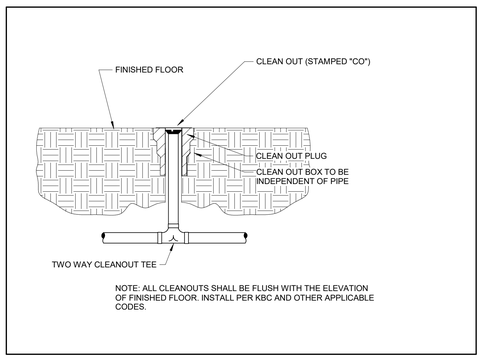

2 CLEANOUT DETAIL
SCALE: NONE

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MECHANICAL DETAILS
Elizabethtown High School Restroom Renovation
FOR:
ELIZABETHTOWN INDEPENDENT SCHOOLS
Elizabethtown, Kentucky

BG# 21-290

Project No:	2121/XETR21
Drawn By:	MCW
Rev'd By:	MCW

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MECHANICAL DETAILS

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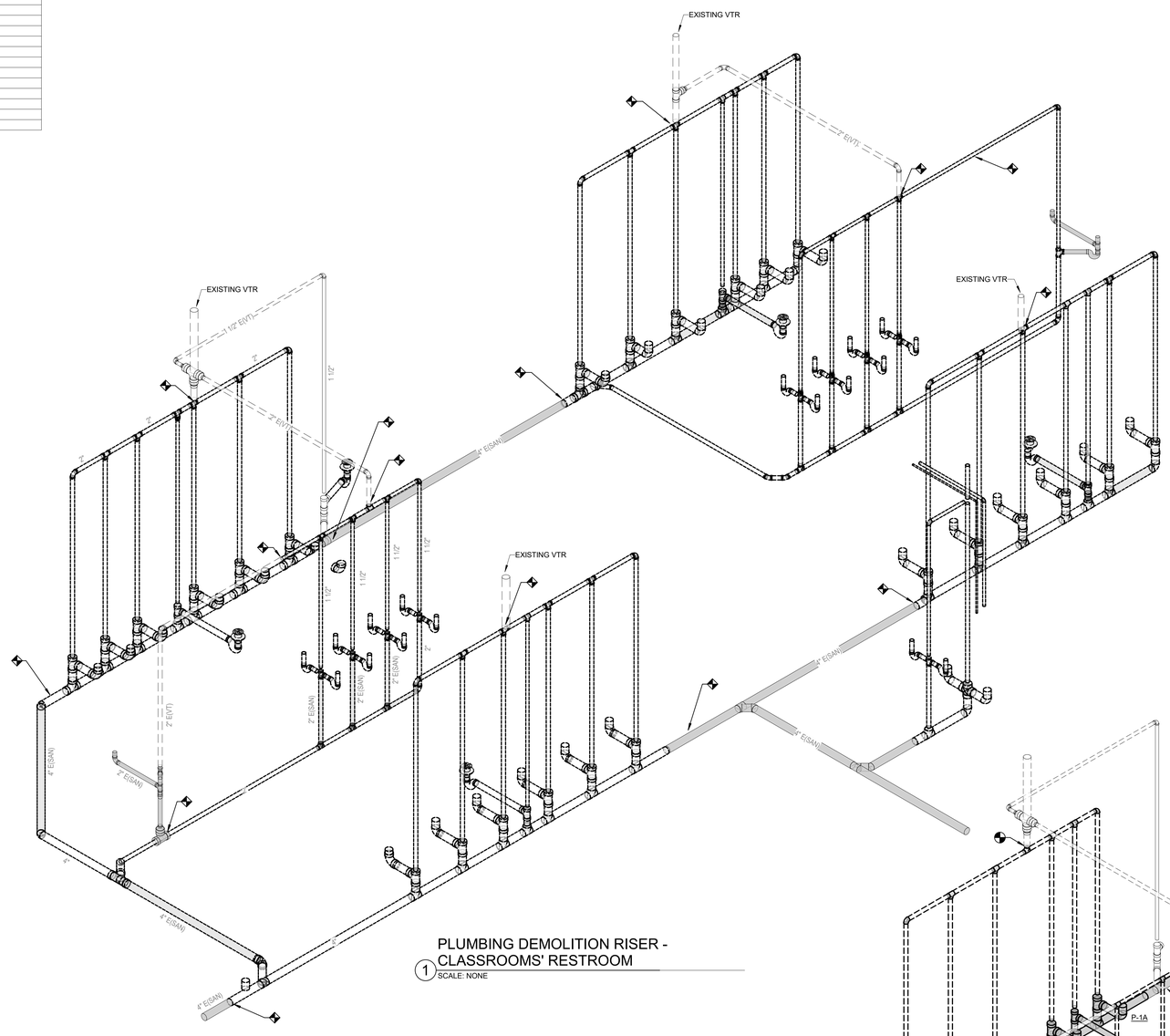
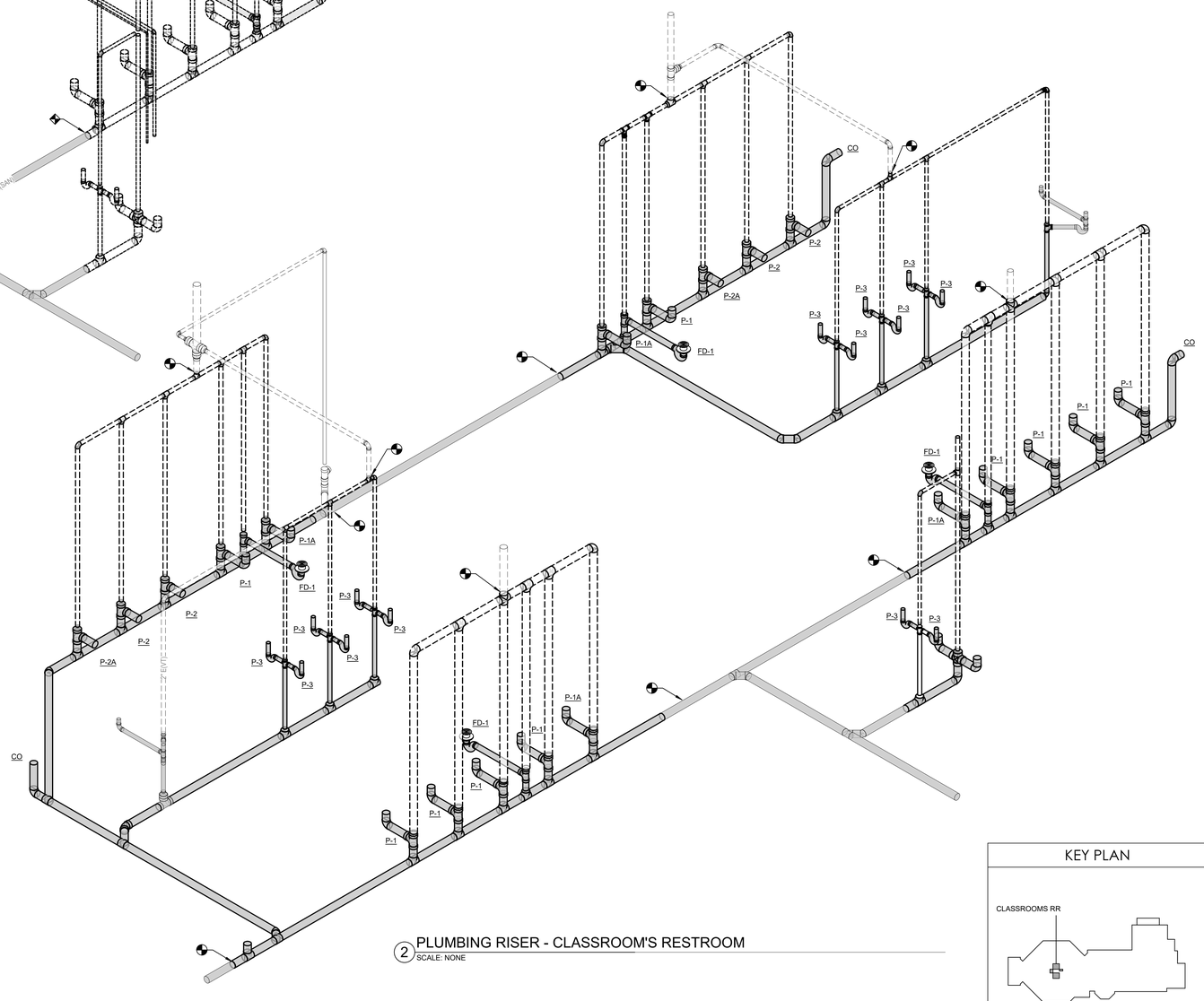


1 PLUMBING DEMOLITION RISER - CLASSROOMS' RESTROOM
SCALE: NONE



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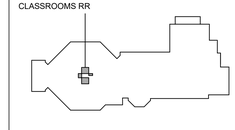
KEY PLAN



SCALE: NTS

PLAN NORTH

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PLUMBING RISERS
Elizabethtown High School Restroom Renovation
FOR:
ELIZABETHTOWN INDEPENDENT SCHOOLS
Elizabethtown, Kentucky

BG# 21-290

Project No:	2121/XETR21
Drawn By:	WDT
Rev'd By:	MCW

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PLUMBING RISERS

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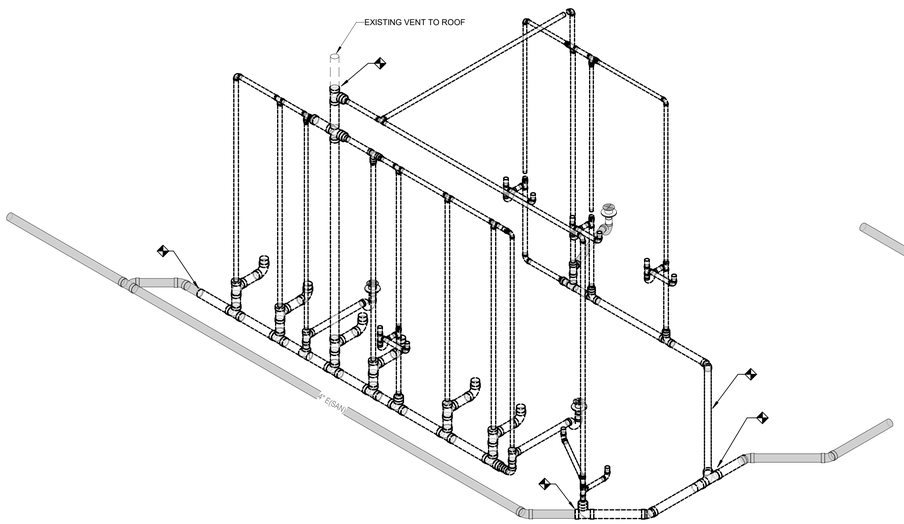

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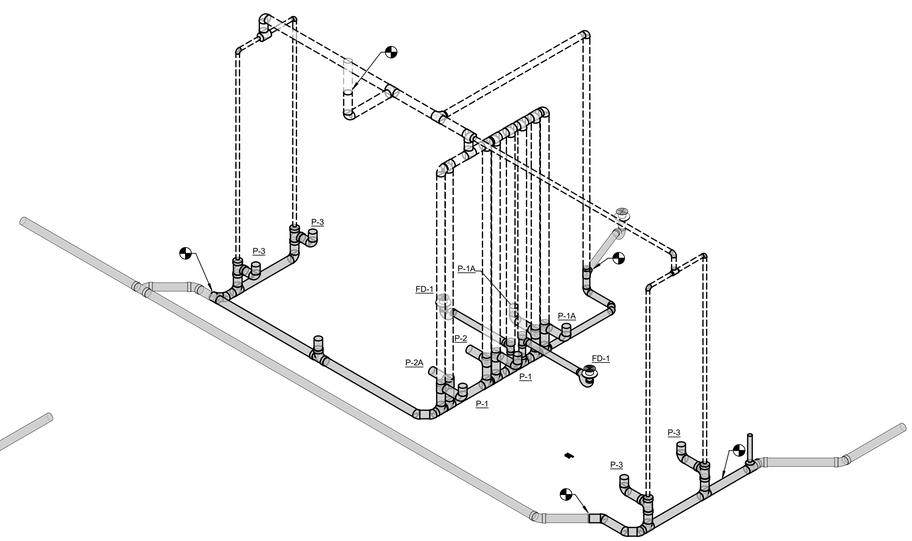

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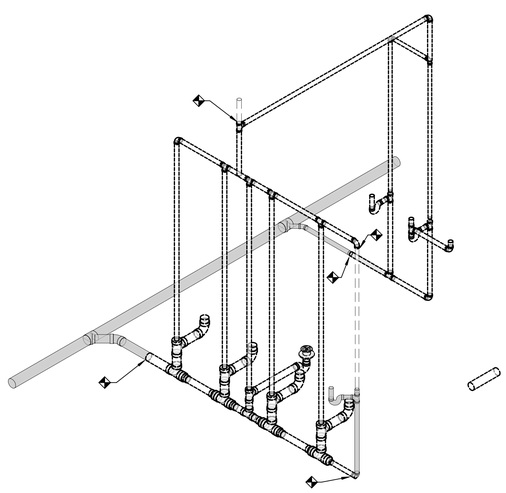

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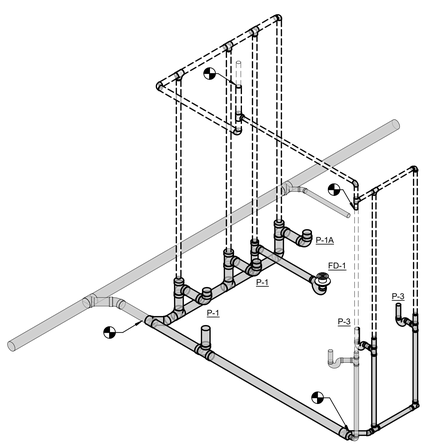

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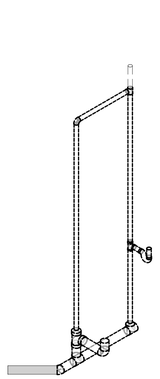

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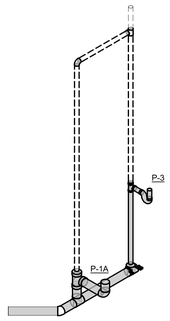
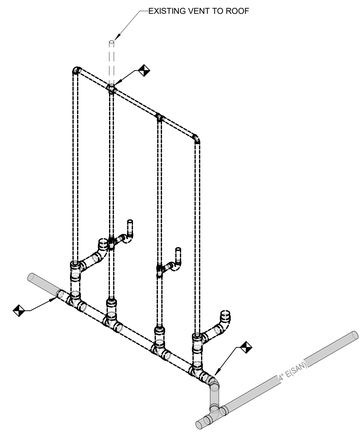


7 PLUMBING RISER - FIRST AID RESTROOM
SCALE: NONE



4 PLUMBING DEMOLITION RISER - STAFF RESTROOM
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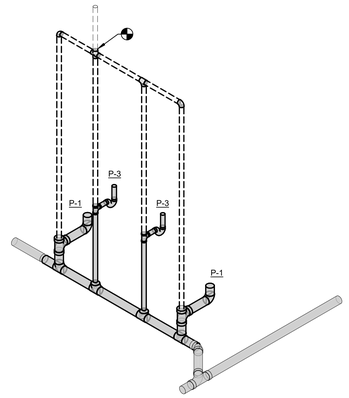
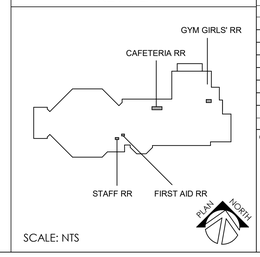


5 PLUMBING RISER - STAFF RESTROOM
SCALE: NONE

KEY PLAN



SCALE: NTS

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STATE OF KENTUCKY
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PLUMBING RISERS

Elizabethtown High School Restroom Renovation

FOR:

ELIZABETHTOWN INDEPENDENT SCHOOLS
Elizabethtown, Kentucky

BG# 21-290

Project No:	2121/XETR21
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Rev'd By:	MCW

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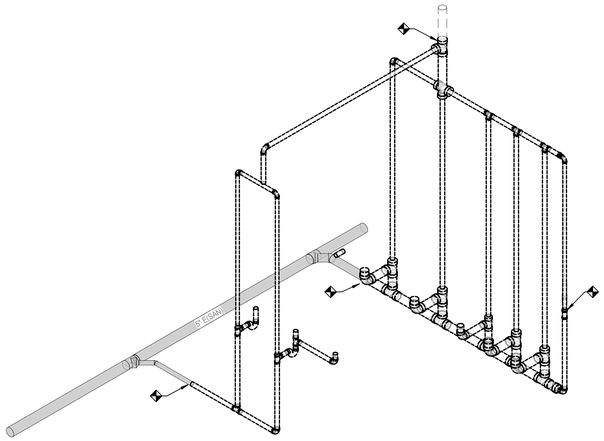
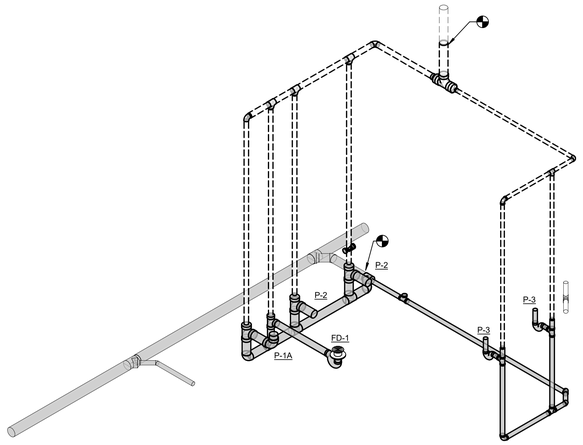
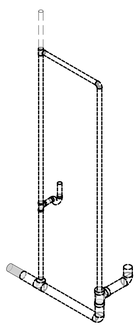


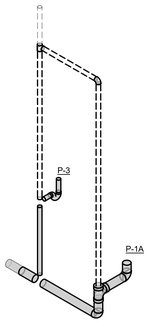
PLUMBING DEMOLITION RISER - GYM ENTRY BOYS RESTROOM
2 SCALE: NONE



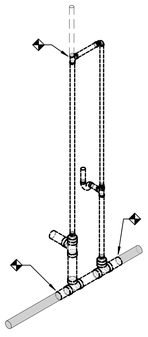
PLUMBING RISER - GYM ENTRY BOYS RESTROOM
1 SCALE: NONE



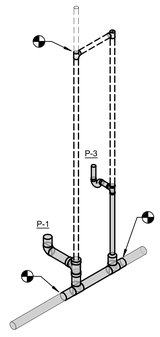
PLUMBING DEMOLITION RISER - LAB RESTROOM
5 SCALE: NONE



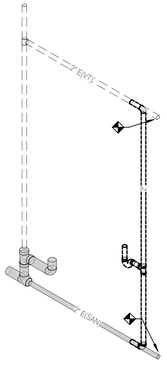
PLUMBING RISER - LAB RESTROOM
6 SCALE: NONE



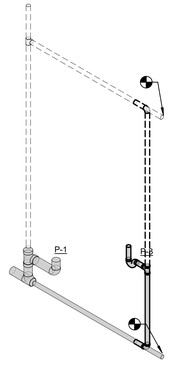
PLUMBING DEMOLITION RISER - COUNSERLOR RESTROOM
3 SCALE: NONE



PLUMBING RISER - COUNSELOR RESTROOM
4 SCALE: NONE

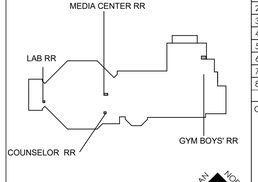


PLUMBING DEMOLITION RISER - MEDIA CENTER RESTROOM
8 SCALE: NONE



PLUMBING RISER - MEDIA CENTER RESTROOM
7 SCALE: NONE

KEY PLAN



SCALE: NTS

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PLUMBING RISERS

Elizabethtown High School Restroom Renovation

FOR:

ELIZABETHTOWN INDEPENDENT SCHOOLS

Elizabethtown, Kentucky

BG#	21-290
Project No:	2121/XETR21
Drawn By:	WDT
Rev'd By:	MCW

SHEET RELEASE

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CONSTRUCTION DOCUMENTS

P5.2

PLUMBING RISERS

DATE ISSUED:
09/14/2021

REVISIONS

#	DATE	DESCRIPTION

DESCRIPTION	MOUNTING HEIGHT	SYMBOL
LIGHTING CONTROLS		
LIGHT SWITCH: LOW VOLTAGE (WHEN PRESENT, # INDICATES QUANTITY OF CHANNELS)	46"	$ #
EXAM LIGHT SWITCH	46"	$ X
NIGHT LIGHT SWITCH WITH CONSTANTLY ILLUMINATED HANDLE	46"	$ N
SURGICAL LIGHT INTENSITY CONTROL	46"	$ SL
LOW VOLTAGE DIMMER SWITCH (WHEN PRESENT, # INDICATES QUANTITY OF CHANNELS)	46"	$ D#
GRAPHIC TOUCHSCREEN CONTROL STATION	46"	$ G
LINE VOLTAGE SWITCH	46"	$ LV
LINE VOLTAGE THREE-WAY, FOUR-WAY SWITCH	46"	$ LV3 $ LV4
LINE VOLTAGE THREE-WAY, FOUR-WAY DIMMER SWITCH	46"	$ LV3D $ LV4D
KEYED SWITCH	46"	$ K
OCCUPANCY OR VACANCY SENSOR SWITCH	46"	$ OS $ VS
OCCUPANCY OR VACANCY SENSOR SWITCH WITH DIMMING	46"	$ DOS
LIGHT SWITCH FOR UNDER-CABINET LIGHTS	46"	$ U
ILLUMINATED HANDLE LIGHT SWITCH (ILLUMINATED WHEN LOAD IS OFF)	46"	$ IL
PILOT LIGHT SWITCH (ILLUMINATED WHEN LOAD IS ON)	46"	$ PL
TIMER SWITCH	46"	$ T
OCCUPANCY OR VACANCY SENSOR, CEILING MOUNT	CLG	OS VS
OCCUPANCY SENSOR, CORNER MOUNT	CLG	OS
DAYLIGHT SENSOR	AS NOTED	DS
PHOTOCELL	AS NOTED	PC
LIGHTING RELAY	AS NOTED	LR
EMERGENCY AUTOMATIC TRANSFER SWITCH FOR LIGHTING CONTROLS (REFER TO DETAIL)	CLG	ERI
POWER OUTLETS		
SIMPLEX RECEPTACLE (TEXT INDICATES NEMA TYPE)	1'-6"	
DUPLEX RECEPTACLE	1'-6"	
SLASH THROUGH ANY DEVICE INDICATES MOUNTING ABOVE COUNTERTOP 4" ABOVE BACKSPLASH		
FILLED CENTER BAR INDICATES INTEGRAL GROUND FAULT PROTECTION (GFCI)	1'-6"	
DEAD FRONT GFCI DEVICE, LABEL AND INSTALL IN READILY ACCESSIBLE LOCATION		
DUPLEX RECEPTACLE WITH TWO INTEGRAL USB CHARGING PORTS	1'-6"	
USB CHARGING OUTLET WITH FOUR INTEGRAL USB PORTS	1'-6"	
GANG RECEPTACLE IN COMBINATION WITH SWITCH (PROVIDE DIVIDER IF LIGHTING CIRCUIT IS 277V)	46"	C/S
DUPLEX RECEPTACLE, CEILING MOUNTED	CLG	
QUADRUPLEX RECEPTACLE	1'-6"	
JUNCTION BOX, CEILING OR WALL		J
VOLTAGE/2 POLE RECEPTACLE, TEXT INDICATES NEMA TYPE	1'-6"	
VOLTAGE/3 POLE RECEPTACLE, TEXT INDICATES NEMA TYPE	1'-6"	
'T' INDICATES SAFETY TYPE, TAMPER RESISTANT OUTLET(S)		
SS INDICATES SURGE SUPPRESION TYPE OUTLET(S)		SS
GROUND FAULT PROTECTED DUPLEX WITH WEATHER-PROOF "WHILE IN USE" TYPE DIE-CAST METAL COVERPLATE WITH LOCKABLE ENCLOSURE AT OUTLET - SEE SPECIFICATIONS	2'-2"	WP
DUPLEX FOR ELECTRIC WATER COOLER: COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR TO CONCEAL OUTLET BEHIND COOLER. PROVIDE READILY ACCESSIBLE GFI DEVICE AT 18" ADJACENT TO WATER COOLER		EWC
BOX ON ANY DEVICE INDICATES SURFACE MOUNTED BACKBOX/WIREMOLD		
CIRCLE ON ANY DEVICE INDICATES DEVICE FED FROM STUB UP CONDUIT		
FIRE ALARM		
MAIN CONTROL PANEL CENTRAL PROCESSING UNIT (CPU)	6'-6" TO TOP	FACP
REMOTE L.C.D. FIRE ALARM ANNUNCIATOR	54"	FAA
REMOTE FIRE ALARM ANNUNCIATOR W/ MICROPHONE	54"	FAAM
LOCAL OPERATOR CONSOLE	54"	LOC
SMOKE EVACUATION CONTROL PANEL	54"	SECP
POWER SUPPLY/CONTROL FOR AUDIO/VISUAL DEVICES	46"	NAC
TRANSPONDER CABINET	46"	TRANS
GRAPHICS DISPLAY TERMINAL		GDT
FIRE ALARM CONTROL EXTENDER		EXT
POST INDICATOR VALVE		PIV
PULL STATION : DOUBLE ACTION	46" TO LEVER	F
KEYED, LOCKED PULL STATION : DOUBLE ACTION. STATION SHALL ONLY BE OPERABLE VIA KEY IN POSSESSION OF STAFF.	46" TO LEVER	F K
AUDIO/VISUAL NOTIFICATION APPLIANCE	WALL, CLG	V CK
AUDIO-ONLY NOTIFICATION APPLIANCE	WALL, CLG	A CA
VISUAL-ONLY NOTIFICATION APPLIANCE	WALL, CLG	V CV
BELL / LIGHT	80"	BL
BELL ONLY	80"	B
PHOTO-ELECTRIC SMOKE DETECTOR	CLG	SD
PHOTO-ELECTRIC SMOKE DETECTOR FOR PATIENT ROOM MONITORING (SEE RISER)	CLG	SD P
PROJECTED BEAM SMOKE DETECTOR: EMITTER (BE) AND RECEIVER (BR)		BE BR
HEAT DETECTOR	CLG	HD
CARBON MONOXIDE DUCT DETECTOR	ABOVE CEILING	CD
CARBON MONOXIDE ALARM: SINGLE STATION W/SOUNDER BASE	CLG	CM
CARBON MONOXIDE AUDIO/VISUAL NOTIFICATION APPLIANCE	WALL	V CM
DOOR HOLDER : WALL TYPE	WALL	DH
DOOR HOLDER : CLOSURE TYPE	ABV DOOR	DH C
DUCT SMOKE DETECTOR	ABV CLG	DD
CONNECTION TO SPRINKLER FLOW SWITCH WITH ADDRESSABLE MODULE		FS
CONNECTION TO SPRINKLER TAMPER SWITCH WITH ADDRESSABLE MODULE		TS
PRESSURE SWITCH		PS
ISOLATION MODULE	WALL	I
ZONE ADDRESSABLE MODULE		M
H.V.A.C. SMOKE DAMPER CONNECTION		SD
FLUSH MOUNTED REMOTE ALARM INDICATING STATION/TEST SWITCH	7'-6"	RS
FIREMAN'S PHONE JACK	4'-6"	FP
FIREMAN'S KNOX BOX CONNECTION		KB
ADDRESSABLE RELAY MODULE		R
INDICATES VANDAL-PROOF POLYCARBONATE COVER. VANDAL PROOF COVERS SHALL BE UL LISTED FOR USE WITH THE SPECIFIC DEVICE THEY ARE PROTECTING		VR
INDICATES CHIME AUDIBLE NOTIFICATION		CH
DEVICE USED FOR ELEVATOR CONTROL		EL

DESCRIPTION	MOUNTING HEIGHT	SYMBOL
LIGHTING FIXTURES AND EQUIPMENT		
REFER TO LUMINAIRE SCHEDULE FOR EXACT FIXTURE SPECIFICATIONS, MOUNTING HEIGHTS, ETC.		
SURFACE OR SUSPENDED CEILING FIXTURE		
RECESSED CEILING FIXTURE		
POLE MOUNTED AREA LIGHT WITH CONCRETE BASE		
LIGHTED BOLLARD WITH CONCRETE BASE		
EMERGENCY BATTERY WALL-PACK		
WALL MOUNT FIXTURE		
TRACK COMPLETE WITH POWER SUPPLIES AND FIXTURE HEADS		
FLOODLIGHT		
EXIT LIGHT (CEILING, END, WALL MOUNT) WITH OR WITHOUT DIRECTIONAL ARROWS, WITH OR WITHOUT EGRESS HEADS		
STRIP FIXTURE		
CROSS-HATCHING INDICATES LIGHT IS POWERED FROM THE EMERGENCY-CRITICAL BRANCH		
PARALLEL-HATCHING INDICATES LIGHT IS POWERED FROM THE EMERGENCY-LIFE SAFETY BRANCH		
REMOTE LIGHT FIXTURE DRIVER	AS NOTED	RLD
REMOTE BATTERY BACKUP	AS NOTED	RBU
CENTRAL BATTERY INVERTER	AS NOTED	INV
MISCELLANEOUS		
CONDUIT CONCEALED IN WALLS OR IN CEILING SPACE: ARROW(S) INDICATE(S) HOME RUN & # OF CIRCUITS: HASHMARKS INDICATE # OF CONDUCTORS.		PHASE NEUTRAL GROUND
NON-REVERSING MOTOR STARTER SNAP SWITCH	AS NOTED	$ M
MOMENTARY CONTACT SWITCH	46"	$ MC
HAND-OFF-AUTO 3-POSITION SWITCH	46"	$ HOA
DISCONNECT SWITCH	5'-0"	
MAGNETIC STARTER	5'-0"	
MAGNETIC COMBINATION STARTER	5'-0"	
VARIABLE FREQUENCY DRIVE	5'-0"	
ENCLOSED FLUSH MTD. CIRCUIT BREAKER	5'-0"	
MUSHROOM SWITCH	46"	
PUSHBUTTON STATION WITH 1, 2, OR 3 BUTTONS.	46"	
PANELBOARD, SURFACE OR FLUSH MOUNTED, HATCHING INDICATES EMERGENCY	6'-6" TO TOP	
TRANSFORMER	AS NOTED	
EQUIPMENT HARDWIRE CONNECTION (SEE DETAIL)		
KITCHEN EQUIPMENT OUTLET COUPLING CONNECTION (SEE DETAIL)		
MOTOR CONNECTION. REFER TO EQUIPMENT CONNECTION SCHEDULE		
PLUMBING FIXTURE SOLENOID VALVE/ELECTRIC EYE SENSOR CONNECTION. COORDINATE EXACT CONNECTION REQUIREMENTS WITH MANUFACTURER.		
PLUMBING FIXTURE ELECTRIC EYE TRANSFORMER CONNECTION. TRANSFORMER SHALL BE 120V-24V. MOUNT ABOVE SUSPENDED ACCESSIBLE CEILING IN J-BOX. PROVIDE ADDITIONAL TRANSFORMERS OF SAME TYPE ASIF NEEDED		
PROVIDE CONNECTION TO HAND DRYER (SEE ARCHITECTURAL SPECIFICATIONS)	VERIFY WITH ARCHITECT	
SURGE PROTECTION DEVICE (SURFACE OR FLUSH MOUNTED)		SPD
GENERATOR ANNUNCIATOR PANEL (SURFACE OR FLUSH MOUNTED) - SEE SPECIFICATIONS	46"	GEN-A
CONDUIT UP		
CONDUIT DOWN		
FLEXIBLE CONDUIT		
GROUND BUS BAR ON INSULATED STANDOFFS	2'-0"	
BUS DUCT, AMPERAGES AS NOTED	AS SHOWN	
WIREWAY WITH REMOVABLE COVER (SIZE AS NOTED)	AS SHOWN	
TRENCH DUCT (SIZE AS NOTED)	AS SHOWN	
WIRE BASKET CABLE TRAY, SIZE AS NOTED	AS SHOWN	
LADDER CABLE TRAY, SIZE AS NOTED	AS SHOWN	
SOLID BOTTOM CABLE TRAY, SIZE AS NOTED	AS SHOWN	
J-HOOK PATHWAY		
EQUIPMENT TAG, REFER TO EQUIPMENT SCHEDULE		EQUIP-#
MECHANICAL EQUIPMENT DESIGNATOR (SEE MECH. SCHEDULES)		EQUIP-#
TAGGED NOTE		
REVISION TAG		
LINETYPE LEGEND		
		EXISTING
		DEMOLISHED
		NEW

DESCRIPTION	MOUNTING HEIGHT	SYMBOL
ABBREVIATIONS		
UNLESS OTHERWISE NOTED		UON
OWNER FURNISHED CONTRACTOR INSTALLED		OFCI
OWNER FURNISHED OWNER INSTALLED		OFOI
CONTRACTOR FURNISHED CONTRACTOR INSTALLED		CFCI
CONTRACTOR FURNISHED OWNER INSTALLED		CFOI
INDICATES EMERGENCY POWER		EM
WIREGUARD - PROVIDE MANUFACTURER'S SPECIFIC GUARD FOR DEVICE NOTED		WG
WEATHERPROOF - NEMA-3R, WET LOCATION LISTED. PROVIDE COVERS, RATINGS, ETC. AS SUITABLE FOR OUTDOORS.		WP
EXPLOSION PROOF - PROVIDE WIRING METHODS, ENCLOSURES, RATINGS, ETC. AS SUITABLE FOR HAZARDOUS LOCATION.		XP
SPECIAL OUTLETS		
FLOORBOX, AS SCHEDULED	FLOOR	FSB
POKE-THRU, AS SCHEDULED	FLOOR	PW
WALLBOX, AS SCHEDULED	WALL	WSB
AUDIO/VISUAL SYSTEM OUTLET WITH DUPLEX RECEPTACLE. REFER TO ASSOCIATED DETAIL FOR ADDITIONAL INFORMATION	1'-6"	AV
COMBINATION POWER AND DATA OUTLET LOCATION. REFER TO ASSOCIATED DETAIL FOR ADDITIONAL INFORMATION	1'-6"	
COMBINATION POWER AND DATA OUTLET LOCATION. GFCI DUPLEX RECEPTACLE, REFER TO ASSOCIATED DETAIL FOR ADDITIONAL INFORMATION	1'-6"	
OVERHEAD PROJECTOR: PROVIDE DUPLEX RECEPTACLE. (ONE DATA, HDMI, 3.5mm AUDIO, AND VGA OUTLET ON (3)PLATES	CLG	
SPECIAL VIDEO SYSTEM SIGNAL INPUT		-NA-
SURFACE PLUG-MOLD		
SURFACE WIRE-MOLD		
POWER POLE AS NOTED		PP
TELEVISION		
TELEVISION HEADEND (SPLITTERS/AMPLIFIERS/DISTRIBUTION)	46"	TV
TELEVISION SYSTEM OUTLET WITH DUPLEX RECEPTACLE, COORDINATE LOCATION WITH WALL BRACKET WHERE APPLICABLE	7'-0"	T
OVERHEAD PAGING		
PAGING SPEAKER: CEILING	CLG	
PAGING SPEAKER W/ VOLUME CONTROL	CLG	
PAGING SPEAKER: WALL	8'-0"	
RECESSED WALL MOUNTED PAGING SPEAKER DUKANE 5A606 SPEAKER, ATLAS 417-8WD	8'-0"	
VANDAL PROOF / WEATHERPROOF WALL MOUNTED PAGING SPEAKER, QUAM VP1	SEE FLOOR PLANS	V
EXTERIOR VANDAL PROOF / WEATHERPROOF WALL MOUNTED PAGING SPEAKER, SHALL BE PAINTED COLOR SELECTED BY ARCHITECT/OWNER. QUAM VP6	SEE FLOOR PLANS	WP
WALL MOUNTED PAGING HORN	9'-0"	
CALL INITIATION STATION	46"	
WALL VOLUME CONTROL	46"	
PAGING MICROPHONE	1'-6"	
PANIC BUTTON (MOUNTING PER DRAWINGS)	46", UNDER DESK	
NOTIFICATION LIGHT (MOUNTING PER DRAWINGS)	7'-6", CLG	
LCD WALL DISPLAY		LCD
PAGING SYSTEM HEADEND	46"	PA
CLOCKS		
TYPICAL CLOCK MOUNTING HEIGHTS: FOR CEILING HEIGHTS < 9'-8" : MOUNT CENTER OF BACKBOX AT 8" BELOW CEILING. FOR CE CEILING HEIGHTS >= 9'-8" : MOUNT CENTER OF BACKBOX AT 9'-0" AFF.		
ANALOG CLOCK: SINGLE FACE	SEE ABOVE	
ANALOG CLOCK: DUAL FACE	SEE ABOVE	
DIGITAL CLOCK: SINGLE FACE	SEE ABOVE	S
DIGITAL CLOCK: DUAL FACE	SEE ABOVE	D
CLOCK SYSTEM HEAD END	84"	CLOCK
AV SYSTEMS		
PROJECTOR WITH MOUNT (CEILING OR WALL AS INDICATED)	REFER TO DRAWINGS	P
LOCAL SOUND SPEAKER: CEILING	CLG	LS
WIRELESS MICROPHONE ANTENNA	CLG	WA
LOCAL SOUND SPEAKER: WALL	REFER TO SPECS.	LS
MICROPHONE INPUT: # INDICATES NUMBER OF INPUTS.	1'-6"	M
WIRELESS MICROPHONE ANTENNA, WALL MOUNT	REFER TO SPECS.	WA
AV INPUT (OR OUTPUT) WALL PLATE. REFER TO DRAWINGS AND SPECIFICATIONS FOR TYPE AND QUANTITY OF CONNECTIONS.	1'-6"	AV
BLUETOOTH INPUT MODULE	1'-6"	BT
AV TOUCHSCREEN CONTROL STATION	46"	CS
LOCAL SOUND SYSTEM HEADEND	REFER TO SPECS.	LS

ELECTRICAL GENERAL NOTES

A EACH CONTRACTOR, PROPOSER, SUPPLIER AND/OR MANUFACTURER SHALL REFER TO ALL DOCUMENTS PERTAINING TO THIS PROJECT AND COORDINATE ACCORDINGLY SO AS TO ENSURE ADEQUACY OF FIT, COMPLIANCE WITH SPECIFICATIONS, PROPER VOLTAGE AND CURRENT CHARACTERISTICS TO AVOID CONFLICT WITH ANY OTHER BUILDINGS SYSTEMS. VERIFY SAME WITH SHOP DRAWINGS.

B ADDITIONAL ELECTRICAL REQUIREMENTS MAY BE SHOWN ON PLANS FROM OTHER DISCIPLINES IN THIS SET. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL PLANS AND SPECIFICATIONS FOR A COMPLETE UNDERSTANDING OF THE PROJECT REQUIREMENTS.

C WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ALL LOCAL, STATE, AND NATIONAL CODES. INCLUDING BUT NOT LIMITED TO NFPA 70 (NEC), NFPA 72, INTERNATIONAL BUILDING CODES, ETC.

D CONTRACTOR SHALL FOLLOW SEISMIC RESTRAINT AND DESIGN REQUIREMENTS CONTAINED IN LATEST ADOPTED STATE AND INTERNATIONAL BUILDING CODES, WITH ALL AMENDMENTS AS ADOPTED BY THE CURRENT LEGISLATION. REFER TO ELECTRICAL AND STRUCTURAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.

E ALL OFFSETS, TURNS, FITTINGS, TRIM, DETAIL, ETC. MAY NOT BE INDICATED, BUT SHALL BE PROVIDED AS REQUIRED. ADDITIONAL ALLOWANCES SHALL BE INCLUDED FOR SAME AT EACH PROPOSER'S DISCRETION.

F INSTALL NO PIPING, CONDUIT, DUCTWORK, ETC. IN A LOCATION OR IN A MANNER WHICH WILL ALLOW FREEZING OR THE COLLECTION OF CONDENSATION THEREON. IF IN DOUBT, CONTACT THE ENGINEER.

G ADVISE THE ENGINEER OF ANY CONFLICTS, ERRORS, OMISSIONS, ETC. AT LEAST TEN DAYS PRIOR TO BID DATE, TO ALLOW CLARIFICATION BY WRITTEN ADDENDUM.

H WHERE CONFLICTS ARE FOUND BETWEEN DRAWINGS, DETAILS, OR SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL APPLY. NOTIFY ARCHITECT OF DISCREPANCY IN WRITING.

I DEVIATION FROM SPECIFICATIONS OR PLANS REQUIRES PRIOR WRITTEN APPROVAL FROM THE ENGINEERS AND MUST BE SUBMITTED IN WRITING NO LATER THAN TEN DAYS PRIOR TO THE BID DATE.

J OBSERVE ALL APPLICABLE CODES, RULES AND REGULATIONS THAT MAY APPLY TO THE WORK UNDER THIS CONTRACT. (CITY, COUNTY, LOCAL, STATE, FEDERAL, MUNICIPALITY, UTILITY COMPANY, OSHA, ETC.).

K MOUNTING HEIGHTS FOR WALL MOUNTED DEVICES INDICATED ABOVE FINISHED FLOOR ARE TO CENTER OF DEVICE UON. MOUNTING HEIGHTS TO CEILING SUSPENDED DEVICES ARE TO BOTTOM OF DEVICE UON.

L INSTALL EQUIPMENT, MATERIALS, ETC. IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND DIRECTIONS. IF IN CONFLICT WITH THE DESIGN INDICATED IN CONTRACT DOCUMENTS, ADVISE THE ENGINEER PRIOR TO INSTALLATION FOR CLARIFICATION.

M ALL WORK RECESS PANELBOARD TUBS OR OTHER FLUSH-MOUNTED EQUIPMENT IN WALLS THAT HAVE A FIRE RATING. NO INSTALLATION SHALL DIMINISH OR VOID FIRE RESISTIVE RATINGS IN ANYWAY.

N THE PURPOSE AND INTENT OF ALL OF THE DOCUMENTS PERTAINING TO THIS PROJECT IS TO PROVIDE A COMPLETE, FUNCTIONAL, SAFE, LIKE-NEW FACILITY. ANYTHING LESS SHALL BE UNACCEPTABLE.

O ALL SYSTEMS, EQUIPMENT AND MATERIALS ARE TO BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. WORK NOT MEETING THIS CRITERION SHALL BE REMOVED AND REINSTALLED SATISFACTORILY. FINAL DETERMINATION OF THE ACCEPTABILITY OF THE QUALITY OF WORK RESIDES WITH THE ENGINEER

P ALL WORK, MATERIALS, EQUIPMENT, ETC. SHALL BE FULLY GUARANTEED FOR ONE FULL CALENDAR YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION AS DOCUMENTED BY THE ENGINEER, UNLESS LONGER WARRANTY PERIODS FOR EQUIPMENT ARE SPECIFIED.

Q UNLESS OTHERWISE SPECIFIED OR INDICATED, ALL EQUIPMENT AND/OR MATERIALS WITHIN OCCUPIED SPACES OR EXPOSED TO VIEW ON THE BUILDING EXTERIOR SHALL BE PRIMED AND FINISHED SO AS TO COMPLEMENT ADJACENT SURFACE, UNLESS OTHERWISE NOTED. COORDINATE WORK AND COLORS WITH ARCHITECT.

R WHERE PENETRATING ROOFING MEMBRANE OR OTHER MATERIALS USED FOR WEATHERPROOFING THE BUILDING, MAKE SUCH PENETRATION IN A WAY THAT WILL NOT VOID OR DIMINISH THE ROOFING WARRANTY OR INTEGRITY IN ANYWAY. COORDINATE ALL SUCH PENETRATIONS WITH THE ROOFING MANUFACTURER AND ARCHITECT.

S THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY COMPANY FEES, CASH CONTRIBUTIONS OR OTHER COSTS THAT THE UTILITY COMPANY MAY REQUIRE TO COMPLETE THEIR WORK. (ELECTRIC, TELEPHONE, TELEVISION, DATA, ETC.).

T COORDINATE WITH ARCHITECTURAL FLOOR PLANS, ELEVATIONS AND CASEWORK DETAILS FOR LOCATION OF ADDITIONAL RECEPTACLES, UTILITY OUTLETS, ELECTRICAL DEVICES, ETC.

U CEILING-MOUNTED ELECTRICAL DEVICES SHALL BE CENTERED IN 2'X2' CEILING TILE AND INSTALLED CENTERED ON 2' DIMENSION OF 2'X4' TILE AND ON CENTERLINE OR A QUARTER POINT ON 4' DIMENSION.

V ANY VIBRATING, OSCILLATING OR OTHER NOISE OR MOTION PRODUCING EQUIPMENT SHALL BE ISOLATED FROM SURROUNDING SYSTEMS IN AN APPROVED MANNER. NOISY OR STRUCTURALLY DAMAGING INSTALLATIONS SHALL BE SATISFACTORILY REPLACED OR REPAIRED AT THE INSTALLING CONTRACTORS' EXPENSE. THE FINAL DECISION ON THE SUITABILITY OF A PARTICULAR INSTALLATION'S ACCEPTABILITY SHALL BE THAT OF THE ENGINEER.

W CHECK ALL THREE PHASE MOTORS WITH A PHASE ROTATION METER, PRIOR TO PLACING IN SERVICE.

X PROVIDE DETAILED SHOP DRAWINGS TO ENGINEER PRIOR TO PURCHASING OR INSTALLING ANY EQUIPMENT

Y DEVIATIONS IN SIZES, CAPACITIES, FIT, FINISH, ETC. FOR EQUIPMENT FROM THAT PRIME SPECIFIED SHALL BE THE RESPONSIBILITY OF THE PURCHASER OF THAT EQUIPMENT. ANY PROVISIONS REQUIRED TO ACCOMMODATE A DEVIATION, WHETHER APPROVED BY THE ENGINEER OR NOT, SHALL BE THE RESPONSIBILITY OF THE PURCHASER.

Z THE CONSTRUCTION MANAGER, GENERAL CONTRACTOR, OR WHOMEVER HOLDS THE PRIME CONTRACT(S) FOR THIS CONSTRUCTION IS RESPONSIBLE FOR THE COORDINATION, APPEARANCE, SCHEDULING AND TIMELINESS OF THE WORK OF ALL TRADES, CONTRACTORS, SUPPLIERS, INSTALLERS, ETC. POOR OR UNTIMELY WORK ON THE PART OF ANY SUBCONTRACTOR SHALL BE RESOLVED BY THE PARTY WHO ENGAGED THEM ON THIS PROJECT.

AA WHERE MOUNTING HEIGHTS ARE NOT INDICATED OR ARE IN CONFLICT WITH ANY OTHER BUILDING SYSTEM, CONTACT THE ENGINEER BEFORE AFFECTING INSTALLATION. REFER ALSO TO ARCHITECTURAL INTERIOR AND EXTERIOR ELEVATIONS, CEILING HEIGHTS AND OTHER DETAILS OF THESE DOCUMENTS, AS APPLICABLE.

AB WHERE FIRE-RATED CEILING ASSEMBLIES ARE NOTED, PROVIDE UL-LISTED FIRE-RATED GYPSUM BOARD OR PRE-MANUFACTURED ENCLOSURES ABOVE LUMINAIRES, CEILING DEVICES, ETC. IN OR ON CEILING, AS REQUIRED TO MAINTAIN CEILING RATINGS.

AC COORDINATE THE LOCATION OF DRAINS, ELECTRICAL OUTLETS, GAS OUTLETS, ETC. WITH ALL CASEWORK, KITCHEN EQUIPMENT, MECHANICAL ROOM EQUIPMENT, ETC. PRIOR TO COMMENCING INSTALLATION. WORK NOT SO COORDINATED SHALL BE REMOVED AND PROPERLY INSTALLED AT THE EXPENSE OF THE RESPONSIBLE CONTRACTOR(S).

AD ALL ELECTRICAL COMPONENTS OR EQUIPMENT SHALL BE LISTED AND LABELED BY UNDERWRITER'S LABORATORIES OR OTHER APPROVED LISTING AGENCY. APPROVAL AND LABELING OF INDIVIDUAL COMPONENTS ON AN ASSEMBLY IS NOT ACCEPTABLE AS MEETING THIS REQUIREMENT, UNLESS WAIVED BY THE ENGINEER IN WRITING.

AE ALL WIRING SYSTEMS SHALL BE INSTALLED WITH A MINIMUM OF SPLICES. CONDUCTORS, WHETHER SINGLE OR MULTI-PAIR, SHALL BE INSTALLED CONTINUOUS INSOFAR AS POSSIBLE FROM TERMINAL POINT TO TERMINAL POINT.

AF NO CONDUIT, SUPPORTS, ETC. SHALL BE RUN THROUGH ACCESS CLEARANCES OF EQUIPMENT BY OTHER TRADES (I.E. VAV BOXES). COORDINATE WITH ALL TRADES PRIOR TO CONSTRUCTION.

AG ALL CONTRACTORS SHALL EXERCISE EXTREME CARE IN THE COURSE OF THEIR WORK SO AS TO ENSURE THAT THEY DO NOT INTERRUPT ANY EXISTING SERVICE OR SUB-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 ACCORDANCE WITH ALL FEDERAL, STATE AND/OR LOCAL RULES, REGULATIONS, STANDARD AND SAFETY REQUIREMENTS. UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE MUNICIPALITY OR UTILITY COMPANY STANDARDS. IN ALL CASES, THE MOST STRINGENT REQUIREMENT SHALL APPLY.

AH ALL SUPPORTS FOR EQUIPMENT, DEVICES OR FIXTURES SHALL BE UNIQUE, DIRECTLY FROM THE BUILDING STRUCTURE. DO NOT SUPPORT WORK FROM OTHER TRADES EQUIPMENT OR SUPPORTS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER AND CONSENT OF THE OTHER TRADE, IN WRITING.

AI WHERE INTERRUPTING AN EXISTING UTILITY OR SERVICE DELIBERATELY OR ACCIDENTALLY, THE RESPONSIBLE CONTRACTOR SHALL WORK CONTINUOUSLY AS NEEDED TO RESTORE SAME, PROVIDING PREMIUM TIME AS NEEDED.

AJ REFER TO ARCHITECTURAL WALL ELEVATIONS (WHERE GIVEN) FOR HEIGHTS AND MOUNTING RELATIONSHIP OF OUTLETS AND EQUIPMENT. IF IN DOUBT, CONTACT ENGINEER FOR DIRECTION PRIOR TO ROUGH IN.

AK FLUSH OR PEDESTAL TYPE FLOOR OUTLETS/BOXES, AS INDICATED ON PLAN, SHALL BE LOCATED BY DIMENSIONS PROVIDED BY THE ARCHITECT, UNLESS OTHERWISE SHOWN ON PLANS. IF IN DOUBT, CONTACT THE ENGINEER PRIOR TO ROUGHING-IN ANY WORK.

AL AS APPLICABLE, REFER TO ARCHITECTURAL PHASING PLANS AND PHASING BOUNDARIES ON THESE DRAWINGS FOR SEQUENCING OF WORK, FULL EXTENT OF AREAS INVOLVED, EXTENT OF CEILING WORK, ETC. PROVIDE TEMPORARY CONNECTIONS FOR CIRCUITS AND WORK AS REQUIRED TO MAINTAIN SEQUENCE OF THE WORK FROM PHASE TO PHASE.

AM THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED FOR HIS WORK. ALL CUTTING AND PATCHING SHALL BE IN ACCORDANCE WITH THE ARCHITECT'S STANDARDS FOR SUCH WORK.

AN ALL WORK SHALL BE CONCEALED UNLESS SPECIFICALLY INDICATED TO BE EXPOSED, OR REQUIRED TO BE EXPOSED. IF IN DOUBT, CONTACT THE ENGINEER FOR CLARIFICATIONS PRIOR TO INSTALLING ANY SUCH WORK.

AO INTERRUPTION OF ANY EXISTING SERVICES SHALL BE COORDINATED WITH THE OWNER, GENERAL CONTRACTOR, UTILITY COMPANY AS NECESSARY, AND THE ARCHITECT, AT LEAST TWO WEEKS IN ADVANCE OF ANTICIPATED INTERRUPTION. A SCHEDULE FOR THESE OUTAGES SHALL BE DEVELOPED AND AGREED UPON BETWEEN THE PARTIES MENTIONED TO AVOID UNNECESSARY INCONVENIENCE TO THE OWNER OR ANY AFFECTED PARTY. NOTIFY THE UTILITY COMPANY OF ANY ANTICIPATED SERVICES REQUIRED TWO WEEKS IN ADVANCE, IN WRITING. IF UTILITY COMPANY REQUIRES A LONGER NOTIFICATION PERIOD, SO PROVIDE.

AP WHERE BACKBOXES ARE LOCATED IN THE SAME VERTICAL CHANNEL/STUD SPACE ON OPPOSITE SIDES OF THE SAME WALL, PROVIDE SOUND-INSULATING PUTTY AROUND BOXES AS REQUIRED TO ELIMINATE SOUND TRANSMISSION FROM ROOM TO ROOM.

AQ JUNCTION BOXES LOCATED ABOVE ACCESSIBLE CEILINGS SHALL BE LOCATED NO MORE THAN 36" ABOVE CEILING LEVEL. LABEL EACH BOX IN AREA OF WORK WITH A PERMANENT MARKER OR IN ACCORDANCE WITH SPECIFICATIONS, WHICHEVER IS MORE STRINGENT.

AR ALL MATERIALS FURNISHED AND ALL WORK INSTALLED SHALL COMPLY WITH THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODES, NATIONAL FIRE CODES OF THE NATIONAL FIRE PROTECTION ASSOCIATION, THE REQUIREMENTS OF LOCAL UTILITY COMPANIES, AND WITH THE REQUIREMENTS OF ALL GOVERNMENTAL AGENCIES OR DEPARTMENTS HAVING JURISDICTION. IF ANY CONFLICTS OR DISCREPANCIES OCCUR THE MOST STRINGENT SHALL APPLY.

AS DO NOT SCALE FROM DRAWINGS, AS PRINTING DISTORTS SCALE. WORK SHALL BE LAID OUT FROM DIMENSIONED DRAWINGS, OR DIMENSIONS SUPPLIED TO THE CONTRACTOR.

AT NOISY WORK, WORK OUTSIDE CONSTRUCTION BARRIERS, WORK IN OCCUPIED AREAS, ETC. SHALL BE PERFORMED AFTER HOURS OR ON WEEKENDS. COORDINATE EXACT SCHEDULING WITH FACILITY PRIOR TO CONSTRUCTION.

AU ALL ITEMS HAVING KEYED LOCKS/OPERATORS SHALL HAVE CORED LOCKS/OPERATORS. ALL KEYING SHALL MATCH THE OWNER'S EXISTING KEY-WAYS. COORDINATE EXACT REQUIREMENTS WITH OWNER PRIOR TO CONSTRUCTION.

AV REFER TO ARCHITECTURAL PLANS FOR PHASING REQUIREMENTS. WORK SHALL BE COMPLETED IN PHASES PER THE PHASING PLAN AND AS COORDINATED WITH OWNER AND GENERAL CONTRACTOR. PROVIDE ALL REQUIRED INCREMENTAL INSPECTIONS, CERTIFICATIONS, ETC. AND ALL TEMPORARY SERVICES AS REQUIRED BY OWNER TO ACCOMPLISH THE PHASING PLAN.

ELECTRICAL DEMOLITION NOTES

A DOTTED LINES INDICATE ITEMS FOR REMOVAL (UON) AND SOLID HALFTONE LINES INDICATE EXISTING ITEMS TO REMAIN.

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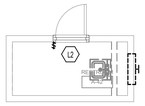
REVISIONS

#	DATE	DESCRIPTION



8 MEDIA CENTER - LIGHTING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"
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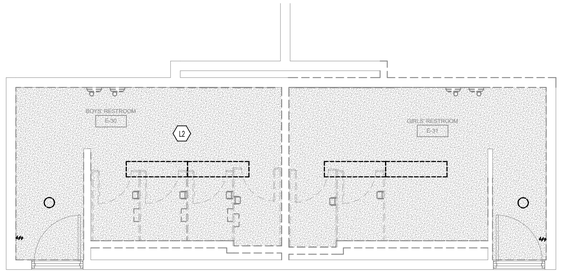

2 CAFETERIA RESTROOM - LIGHTING DEMOLITION PLAN
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D REMOVE ALL ASSOCIATED BACKBOXES, CONDUIT AND CONDUCTORS FOR DEVICES / FIXTURES / ETC. BEING REMOVED (BACK TO SOURCE), WHETHER INDICATED OR NOT (UON). CONTRACTOR SHALL PATCH AND REPAIR ANY EXISTING WALLS, FLOORS OR CEILINGS WHERE DEVICES ARE SHOWN TO BE REMOVED (PATCH AND REPAIR TO RECEIVE NEW FINISHES - SEE ARCHITECTURAL PLANS).

E COORDINATE DISPOSAL OF ALL FIXTURES, DEVICES, ETC. (INDICATED FOR DEMOLITION) WITH OWNER. TURN OVER ITEMS REMOVED TO OWNER AT THEIR OPTION.

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H CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS / CEILINGS AS REQUIRED WHERE DEVICES ARE BEING REMOVED OR INSTALLED.

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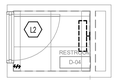
TAGGED NOTES

L2 DEMOLISH LIGHT FIXTURE, LIGHT SWITCH, WIRING, AND CONDUIT.



COUNSELOR RESTROOM - LIGHTING DEMOLITION PLAN
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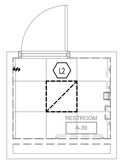

LAB RESTROOM - LIGHTING DEMOLITION PLAN
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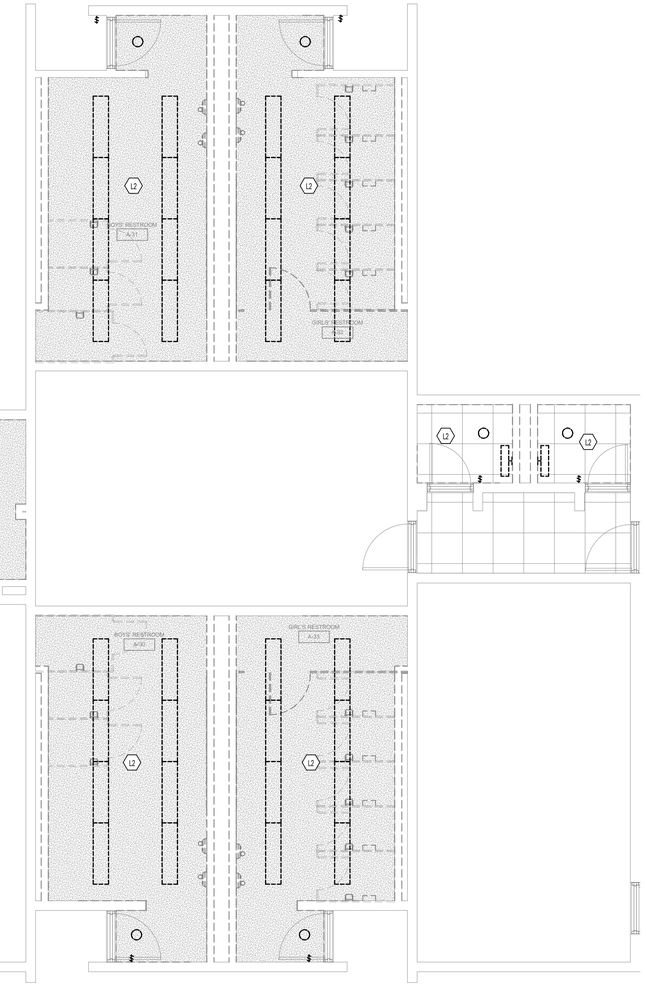

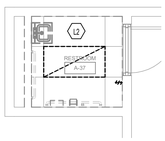

FIRST AID RESTROOM - LIGHTING DEMOLITION PLAN
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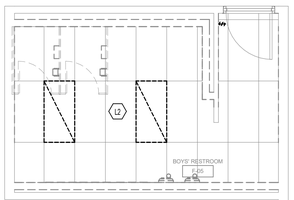

GYM ENTRY BOYS RESTROOM - LIGHTING DEMOLITION PLAN
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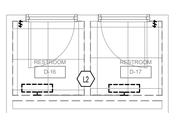

STAFF RESTROOM - LIGHTING DEMOLITION PLAN
5 SCALE: 1/4" = 1'-0"
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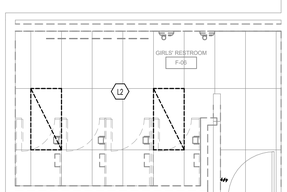

GYM ENTRY GRILS RESTROOM -LIGHTING DEMOLITION PLAN
3 SCALE: 1/4" = 1'-0"
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CLASSROOM RESTROOM - LIGHTING DEMOLITION PLAN
1 SCALE: 1/4" = 1'-0"
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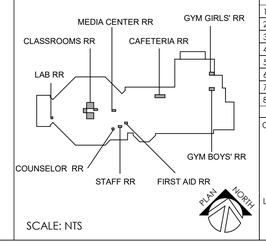
KEY PLAN



SCALE: NTS

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STATE OF KENTUCKY
BRADLEY W. REEVES
29084
LICENSED PROFESSIONAL ENGINEER

CMTA
119 Memorial Drive, Pittsburgh PA 15201
(412) 682-3025 www.cmtaeng.com

LIGHTING DEMOLITION PLAN
Elizabethtown High School Restroom Renovation
FOR:
ELIZABETHTOWN INDEPENDENT SCHOOLS
Elizabethtown, Kentucky

BG # 21-290
Project No: 2121/XETR21
Drawn By: KPL
Rev'd By: BWR

SHEET RELEASE

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CONSTRUCTION DOCUMENTS

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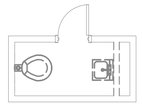
LIGHTING DEMOLITION PLAN

DATE ISSUED:
09/14/2021

REVISIONS		
#	DATE	DESCRIPTION



MEDIA CENTER - POWER AMD SYSTESM DEMOLITION PLAN
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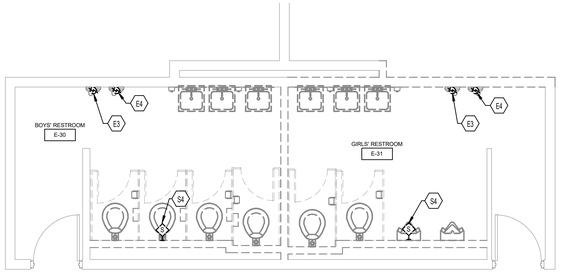
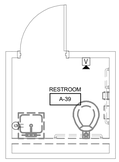


CAFETERIA RESTROOM - POWER AND SYSTEMS DEMOLITION PLAN
2 SCALE: 1/4" = 1'-0"

COUNSELOR RESTROOM - POWER AND SYSTEMS DEMOLITION PLAN
3 SCALE: 1/4" = 1'-0"



LAB RESTROOM - POWER AND SYSTEMS DEMOLITION PLAN
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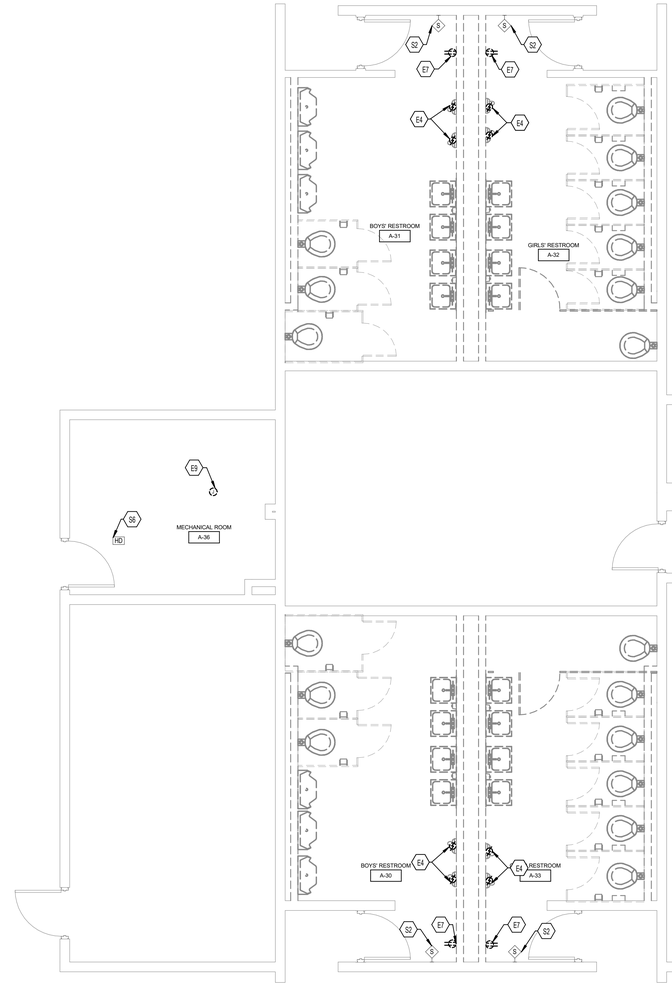

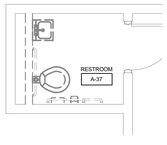

FIRST AID RESTROOM - POWER AND SYSTEMS DEMOLITION PLAN
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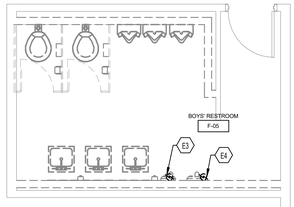
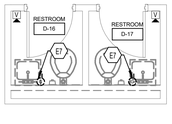


GYM ENTRY BOYS RESTROOM - POWER AND SYSTESMS DEMOLITION
4 SCALE: 1/4" = 1'-0"



STAFF RESTROOM - POWER AND SYSTEMS DEMOLITION PLAN
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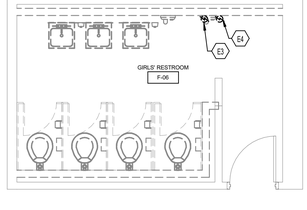

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CLASSROOM RESTROOM - POWER AND SYSTEMS DEMOLITION PLAN
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TAGGED NOTES

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E3 DEMOLISH EXISITING HAND DRYER. DEMOLISH CONDUIT TO ABOVE CEILING AND SAVE WIRING TO CONNECT/EXTEND TO NEW GFCI OUTLET.

E4 DEMOLISH HAND DRYER CIRCUIT BACK TO SOURCE AND LABEL BREAKER AS SPARE.

E7 DEMOLISH OUTLET. SAVE WIRING AND CONDUIT TO RECONNECT CIRCUIT TO NEW GFCI OUTLET.

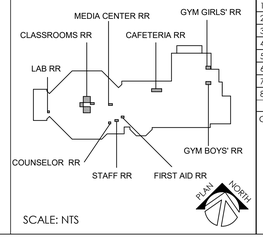
E9 REMOVE JUNCTION BOX AND ASSOCIATED CONDUIT THAT IS CEILING MOUNTED AND REINSTALL ABOVE CEILING.

S2 REMOVE AND REINSTALL SPEAKERS IN SAME LOCATION.

S4 REMOVE SPEAKER SAVE FOR REINSTALLATION.

S6 REMOVE AND STORE EXISTING HEAT DETECTOR IN SECURE LOCATION.

KEY PLAN



SCALE: NTS

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POWER AND SYSTEMS DEMOLITION PLAN
Elizabethtown High School Restroom Renovation
FOR:
ELIZABETHTOWN INDEPENDENT SCHOOLS
Elizabethtown, Kentucky

BG #	21-290
Project No:	2121/XETR21
Drawn By:	KPL
Rev'd By:	BWR

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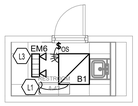
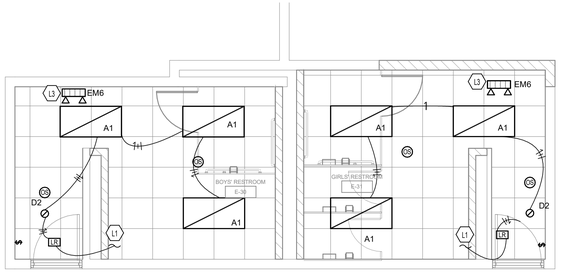
POWER AND SYSTEMS DEMOLITION PLAN
DATE ISSUED:
09/14/2021

REVISIONS

#	DATE	DESCRIPTION



2 MEDIA CENTER - LIGHTING NEW WORK PLAN
SCALE: 1/4" = 1'-0"
0 2' 4' 8' 16' 24' 32'



4 CAFETERIA RESTROOM - LIGHTING NEW WORK PLAN
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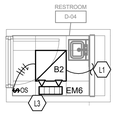

9 COUNSELOR RESTROOM - LIGHTING NEW WORK PLAN
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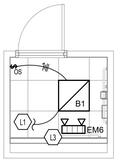

3 LAB RESTROOM - LIGHTING NEW WORK PLAN
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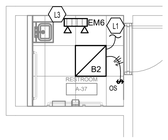

6 FIRST AID RESTROOM - LIGHTING NEW WORK PLAN
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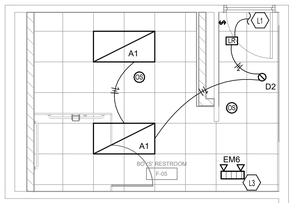

7 GYM ENTRY BOYS RESTROOM - LIGHTING NEW WORK PLAN
SCALE: 1/4" = 1'-0"
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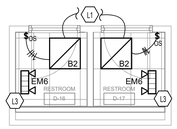

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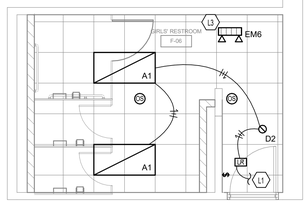


8 GYM ENTRY GIRLS RESTROOM - LIGHTING NEW WORK PLAN
SCALE: 1/4" = 1'-0"
0 2' 4' 8' 16' 24' 32'

1 CLASSROOM RESTROOM - LIGHTING NEW WORK PLAN
SCALE: 1/4" = 1'-0"
0 2' 4' 8' 16' 24' 32'

ELECTRICAL LIGHTING NOTES

A REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.

B CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER N.E.C. #310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER N.E.C. #300.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN N.E.C #100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.

C IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING.

E LOCATE EXIT SIGNS FOR MAXIMUM VIEWING AREA TO IDENTIFY EGRESS PATHS AS INDICATED ON PLANS. COORDINATE LOCATIONS SUCH THAT ARCHITECTURAL FEATURES OR EQUIPMENT FROM OTHER TRADES DO NOT OBSTRUCT VIEW.

F LUMINAIRES INDICATED WITH MULTI-LEVEL SWITCHING SHALL HAVE SIMILAR LAMPS CONTROLLED TOGETHER, I.E. INBOARD AND OUTBOARD LAMPS OR RIGHT AND LEFT HAND LAMPS.

G ALL LIGHTING FIXTURE LENSES, PARABOLIC LOUVERS, DOWNLIGHTING ALZAK CONES AND "PARACUBE" LOUVERS SHALL BE HANDLED WITH COTTON GLOVES DURING INSTALLATION AND LAMPING TO AVOID FINGERPRINTS OR DIRT DEPOSITS. IT IS PREFERRED THAT FIXTURES BE SHIPPED AND INSTALLED WITH CLEAR PLASTIC BAGS TO PROTECT LOUVERS. AT CLOSE OF PROJECT, AND AFTER CONSTRUCTION AIR FILTERS ARE CHANGED, REMOVE BAGS. ANY LOUVER OR CONE SHOWING DIRT OR FINGER PRINTS SHALL BE CLEANED WITH SOLVENT RECOMMENDED BY THE MANUFACTURER, OR REPLACED AS NECESSARY IN ORDER TO TURN OVER TO THE OWNER NEW FIXTURES AT OCCUPANCY.

H RECESSED LUMINAIRES SHALL BE SECURED SUCH THAT THE FORCE REQUIRED INSERTING LAMPS, TRIMS, LENSES, LOUVERS, OR DOOR FRAMES DOES NOT SHIFT HOUSING. ALL TRIMS SHALL BE COMPLETELY FLUSH WITH FINISHED CEILINGS AT COMPLETION OF CONSTRUCTION.

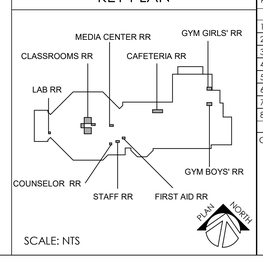
I CONTRACTOR SHALL PROVIDE UNSWITCHED CONDUCTOR TO ALL EXIT SIGNS, EMERGENCY INVERTER BATTERY PACKS, AND NIGHT LIGHTS AS REQUIRED.

TAGGED NOTES

L1 EXTEND/CONNECT LIGHT SWITCH AND LIGHTS TO EXISITNG CIRCUIT.

L3 EXTEND 2#12, #12G IN 3/4" CONDUIT TO NEAREST UNSWITCHED CIRCUIT.

KEY PLAN



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LIGHTING NEW WORK PLAN

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FOR:

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Elizabethtown, Kentucky

BG #	21-290
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LIGHTING NEW WORK PLAN

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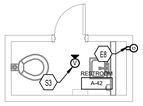
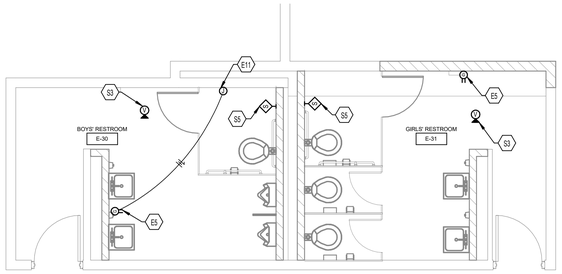


MEDIA CENTER- POWER AND SYSTEMS NEW WORK PLAN
8 SCALE: 1/4" = 1'-0"
0 2' 4' 8' 16' 24' 32'



CAFETERIA RESTROOM - POWER AND SYSTEMS NEW WORK PLAN
4 SCALE: 1/4" = 1'-0"
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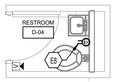

COUNSELOR RESTROOM - POWER AND SYSTEMS NEW WORK PLAN
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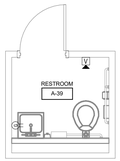
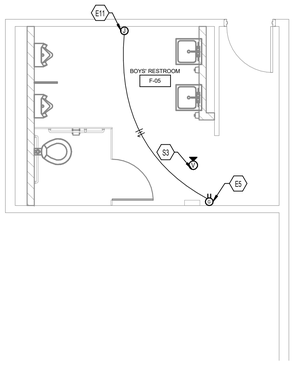


LAB RESTROOM - POWER AND SYSTEMS NEW WORK PLAN
9 SCALE: 1/4" = 1'-0"
0 2' 4' 8' 16' 24' 32'

FIRST AIRD RESTROOM - POWER AND SYSTEMS NEW WORK PLAN
6 SCALE: 1/4" = 1'-0"
0 2' 4' 8' 16' 24' 32'



GYM ENTRY BOYS RESTROOM - POWER AND SYSTEMS NEW WORK PLAN
2 SCALE: 1/4" = 1'-0"
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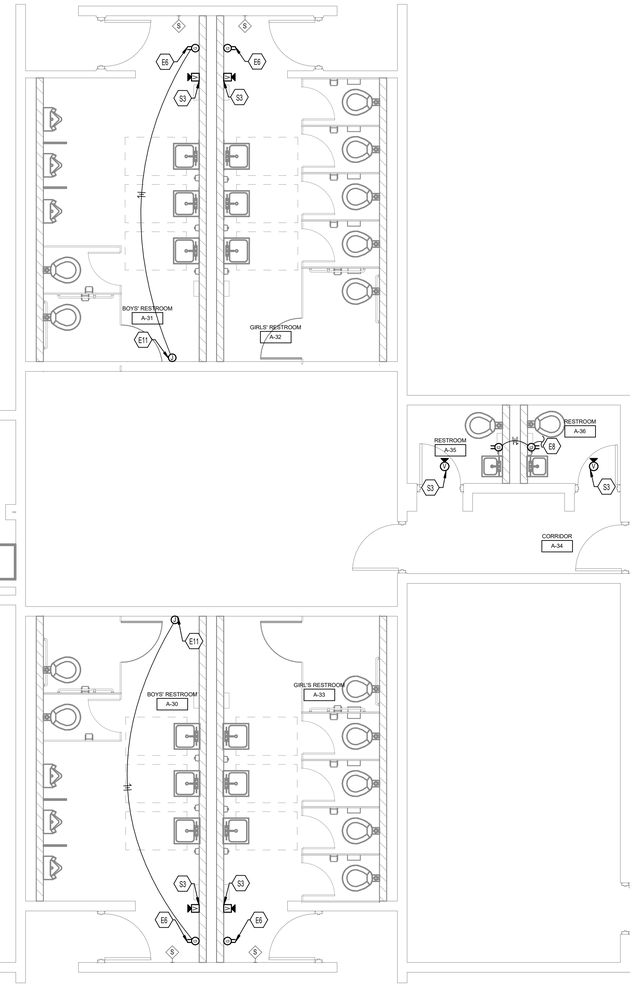

CLASSROOM RESTROOM - POWER AND SYSTEMS NEW WORK PLAN
1 SCALE: 1/4" = 1'-0"
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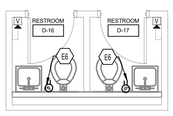

STAFF RESTROOM - POWER AND SYSTEMS NEW WORK PLAN
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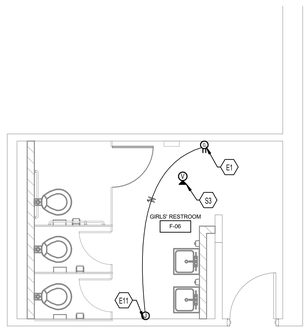

GYM ENTRY GIRLS RESTROOM - POWER AND SYSTEMS NEW WORK PLAN
7 SCALE: 1/4" = 1'-0"
0 2' 4' 8' 16' 24' 32'

ELECTRICAL POWER NOTES

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C IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING. IN HEALTHCARE FACILITIES, ENGRAVE EMERGENCY DEVICE COVERPLATES IN PATIENT CARE AREAS. MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.

D RECEPTACLES THAT ARE CONTROLLED BY AN AUTOMATIC MEANS SUCH AS OCCUPANCY SENSOR OR ENERGY MANAGEMENT SYSTEM SHALL BE MARKED IN ACCORDANCE WITH NEC 406.3(E).

E LOCATIONS OF ELECTRICAL CONNECTIONS AND LOCAL DISCONNECTS SHALL BE COORDINATED WITH MECHANICAL AND PLUMBING CONTRACTORS TO ENSURE ACCESS AND WORKING CLEARANCE IS MAINTAINED PER NEC. NOTIFY OTHER TRADES OF REQUIRED CLEARANCE AREAS TO AVOID ROUTING OF OTHER SYSTEMS IN THESE AREAS. DO NOT INSTALL ELECTRICAL EQUIPMENT OVER EQUIPMENT NAMEPLATES OR ACCESS PANELS OR THROUGH ACCESS/MAINTENANCE CLEARANCES OF EQUIPMENT BY OTHER TRADES.

ELECTRICAL SYSTEMS NOTES

A REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.

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D REFER TO "SYSTEM INSTALLATION MATRIX" (ON SYSTEMS LEGEND SHEET) AND SPECIFICATIONS FOR CONTRACTOR REQUIREMENTS OF EACH SYSTEM.

E THE CONTRACTOR SHALL ROUTE ALL "SYSTEM CONDUIT STUB-UPS" TO THE NEAREST CORRIDOR CABLING PATH (SEE "STUB-UP" DETAILS). REFER TO CABLING PATH INSTALLATION DETAIL FOR ADDITIONAL REQUIREMENTS.

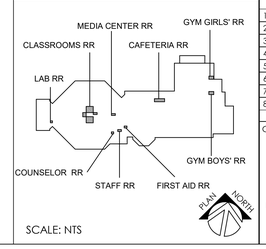
F CONTRACTOR SHALL PAINT ALL SYSTEMS CONDUIT STUB-UPS LIGHT BLUE FOR SYSTEMS CABLING INTO THE CORRIDOR CABLING PATH. PROVIDE PULL STRINGS IN ALL NEW CONDUIT RUNS FOR SYSTEM CABLING INSTALLATION.

TAGGED NOTES

##

E1 EXTEND CIRCUIT TO NEW GFCI OUTLET.
E5 CONNECT GFCI OUTLET TO EXISTING CIRCUIT THAT SERVED HAND DRYER.
E6 EXTEND/ RECONNECT TO CIRCUIT TO NEW GFCI.
E8 EXTEND 2#12, #12G IN 3/4" CONDUIT TO NEAREST UNSWITCHED CIRCUIT.
E10 REINSTALL JUNCTION BOX AND CONDUIT ABOVE CEILING.
E11 PROVIDE POWER TO TRAP PRIMER. PROVIDE 3#12 IN 3/4" CONDUIT FROM TRAP PRIMER TO 120V OUTLET. REFER TO PLUMBING SHEETS. COORDINATE WORK WITH PLUMBER.
S3 EXTEND FIRE ALARM CIRCUIT TO EXISTING SIMPLEX FIRE ALARM CONTROL PANEL. REFER TO SHEET E6.0 FOR APPROXIMATE LOCATION.
S5 EXTEND/ RECONNECT EXISITNG SPEAKER.
S7 REINSTALL EXISTING HEAT DETECTOR

KEY PLAN



SCALE: NTS

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Elizabethtown High School Restroom Renovation
FOR:
ELIZABETHTOWN INDEPENDENT SCHOOLS
Elizabethtown, Kentucky

BG # 21-290
Project No: 2121/XETR21
Drawn By: KPL
Rev'd By: BWR

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POWER AND SYSTEMS NEW WORK PLAN
DATE ISSUED:
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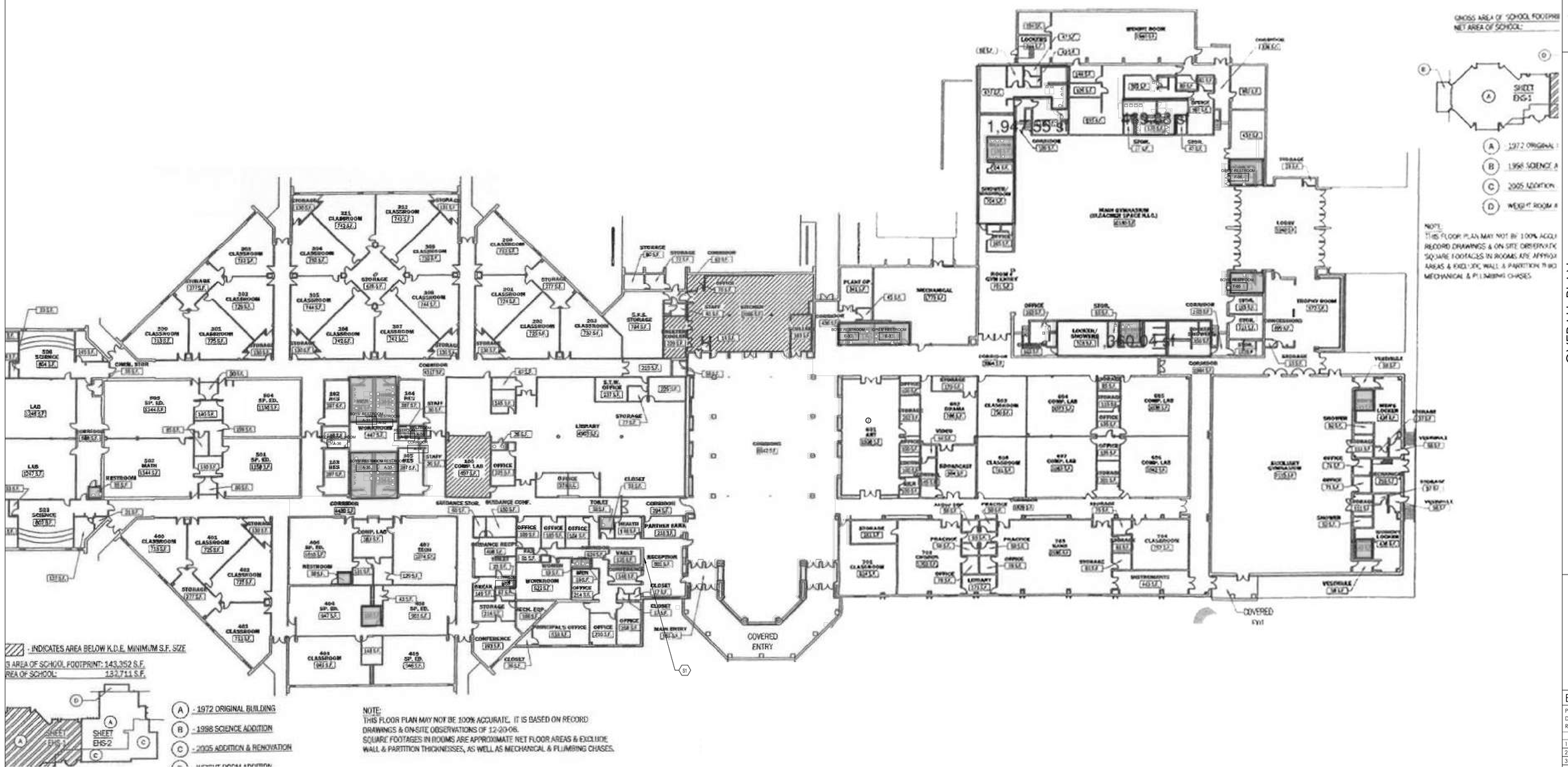
TAGGED NOTES

S1 EXISTING FIRE ALARM CONTROL PANEL SIMPLEX 4100U.



1 OVERALL PLAN

SCALE: 3/64" = 1'-0"

0 2' 4' 8' 16' 24' 32'

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STATE OF KENTUCKY BRANDON W. REEVES 29084 PROFESSIONAL ENGINEER

CMTA

OVERALL PLAN

Elizabethtown High School Restroom Renovation

FOR:

ELIZABETHTOWN INDEPENDENT SCHOOLS

Elizabethtown, Kentucky

BG # 21-290

Project No: 2121/XETR21

Drawn By: KPL

Rev'd By: BWR

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OVERALL PLAN

DATE ISSUED:
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ELEC - LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	BASIS OF DESIGN	EQUALS	LAMPS / CCT	MINIMUM LUMENS	MOUNTING	MAXIMUM WATTAGE	VOLTAGE	REMARKS
A1	2 X 4 LED GRID TROFFER WITH 2-3/8" DEEP STEEL HOUSING, INTEGRAL T-BAR CLIPS, COLD ROLLED STEEL REFLECTOR, POLYESTER POWDER COAT AFTER FABRICATION, IMPACT RESISTANT MODIFIED ACRYLIC PRISMATIC REFRACTOR, L90 RATED LIFE OF 60,000 HOURS, DLC QUALIFIED, AND FIVE YEAR LIMITED FIXTURE WARRANTY.	LITHONIA LIGHITNG BLT SERIES	METALUX, DAYBRITE	4000K	4000	RECESSED	31	277	ALL FIXTURES SHALL BE RATED FOR 120V AND 277 CONNECTION 0-10V DIMMING TO 1%
B1	2 X 2 LED GRID TROFFER WITH 2-3/8" DEEP STEEL HOUSING, INTEGRAL T-BAR CLIPS, COLD ROLLED STEEL REFLECTOR, POLYESTER POWDER COAT AFTER FABRICATION, IMPACT RESISTANT MODIFIED ACRYLIC PRISMATIC REFRACTOR, L90 RATED LIFE OF 60,000 HOURS, DLC QUALIFIED, AND FIVE YEAR LIMITED FIXTURE WARRANTY.	LITHONIA LIGHTING BLT SERIES	METALUX, DAYBRITE	4000K	3300	RECESSED	29	277	ALL FIXTURES SHALL BE RATED FOR 120V AND 277 CONNECTION 0-10V DIMMING TO 1%
B2	2 X 2 LED GRID TROFFER WITH 2-3/8" DEEP STEEL HOUSING, INTEGRAL T-BAR CLIPS, COLD ROLLED STEEL REFLECTOR, POLYESTER POWDER COAT AFTER FABRICATION, IMPACT RESISTANT MODIFIED ACRYLIC PRISMATIC REFRACTOR, L90 RATED LIFE OF 60,000 HOURS, DLC QUALIFIED, AND FIVE YEAR LIMITED FIXTURE WARRANTY.	LITHONIA LIGHTING BLT SERIES	METALUX, DAYBRITE	4000K	4000	RECESSED	29	277	ALL FIXTURES SHALL BE RATED FOR 120V AND 277 CONNECTION 0-10V DIMMING TO 1%
D2	6" RECESSED CAN LIGHT FIXTURE	LITHONIA LIGHTING LDN6	PRESCOLITE, OMEGA EQUIVALENT, PORTFOLIO	4000K	1500	RECESSED	19	277	ALL FIXTURES SHALL BE RATED FOR 120V AND 277 CONNECTION 0-10V DIMMING TO 1%
D3	6" RECESSED CAN SHOWER LIGHT FIXTURE	GOTHAM LIGHTING EVO6SH	PRESCOLITE, OMEGA EQUIVALENT, PORTFOLIO	4000K	1500	RECESSED	19	277	ALL FIXTURES SHALL BE RATED FOR 120V AND 277 CONNECTION 0-10V DIMMING TO 1%
EM6	EMERGENCY LIGHT	LITHONIA LIGHTING ELM6L	EVENLITE, DUALITE, EMERGILITE	N/A	1100	SURFACE	3	277	ALL FIXTURES SHALL BE RATED FOR 120V AND 277 CONNECTION

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270.384.8500 www.cmtaeng.com

LUMINAIRE SCHEDULE

Elizabethtown High School Restroom Renovation
FOR:
ELIZABETHTOWN INDEPENDENT SCHOOLS
Elizabethtown, Kentucky

BG # 21-290

Project No: 2121/XETR21
Drawn By: KPL
Rev'd By: BWR

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CONSTRUCTION DOCUMENTS

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LUMINAIRE SCHEDULE

DATE ISSUED:
09/14/2021