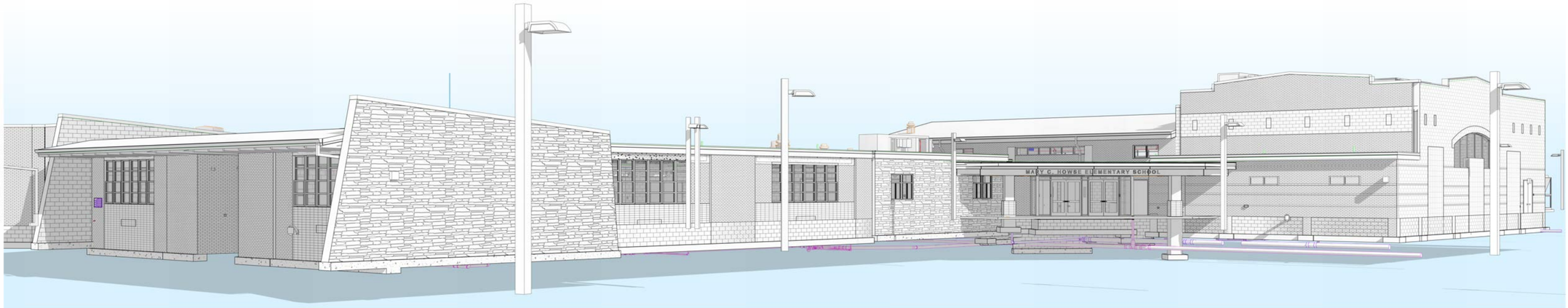
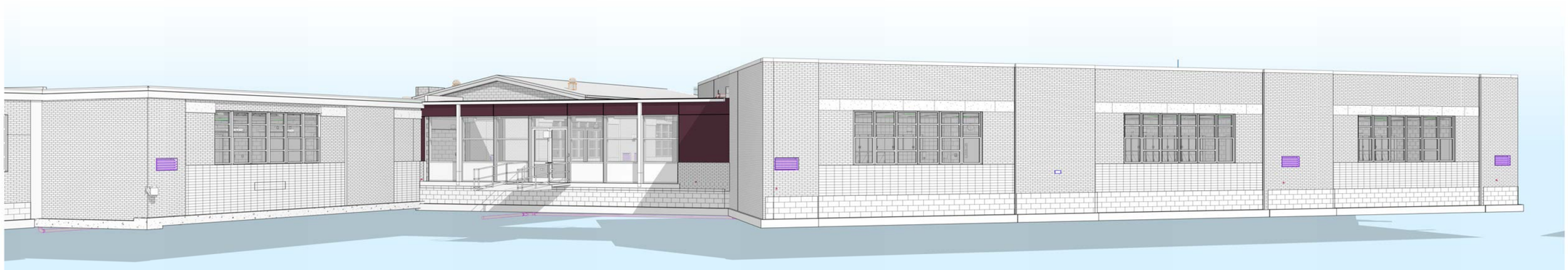
Mary C. Howse Elementary

641 Boot Road
West Chester, PA 19380





Bid Set 10.31.2023

ISSUE INFORMATION	
SCHEMATIC DESIGN	03.24.2023
DESIGN DEVELOPMENT	05.26.2023
60% CD SET	07.28.2023
90% CD SET	09.19.2023
BID SET	10.31.2023

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CONTACT PERSON: Damon Gonzaga

Mary C. Howse
Elementary
641 Boot Road
West Chester, PA
19380

BHA Job Number: 22-114

BLACKNEY HAYES ARCHITECTS

10/31/2023 5:24:32 PM

ABBREVIATIONS

A/C	Air Conditioning
ACT	Acoustical Ceiling Tile
AFF	Above Finished Floor
ALT	Alternate
ALUM	Aluminum
ANOD	Anodize
APPROX	Approximate
AP	Access Panel
ARCH	Architect, Architecture
BD	Board
BITUM	Bituminous
BLKG	Blocking
BO	Bottom Of
CAB	Cabinet
CFCI	Contractor Furnished / Contractor Installed
CG	Corner Guard
CJ	Control Joint
CLG	Ceiling
℄	Centerline
CMU	Concrete Masonry Unit
COL	Column
CONC	Concrete
CONT	Continuous
CPT	Carpet
CT	Ceramic Tile
CW	Curtain Wall
DBL	Double
DF	Drinking Fountain
DIA	Diameter
DIM	Dimension
DN	Down
DS	Downspout
DTL	Detail
DWG	Drawing, Drawings
EJ	Expansion Joint
EL	Elevation
ELEC	Electric, Electrical
ELEV	Elevator
EPS	Expanded Polystyrene
EQ	Equal
EWC	Electric Water Cooler
EXP	Exposed
EXT	Exterior
FEC	Fire Extinguisher Cabinet
FHC	Fire Hose and Valve Cabinet
FD	Floor drain
FLR	Floor
FRP	Fiberglass Reinforced Plastic
FP	Fire Protection
FT	Feet
FIP	Foamed-In-Place
GA	Gauge
GALV	Galvinized
GC	General contractor
GFRC	Glass Fiber Reinforced Concrete
GFRG	Glass Fiber Reinforced Gypsum
GWB	Gypsum Wallboard
HC	Hollow Core
HM	Hollow Metal
HORIZ	Horizontal
HP	High Point
HT	Height
HVAC	Heating, Ventilation, and Air Conditioning
INSUL	Insulation
INV	Invert
INT	Interior
JAN	Janitor
LAV	Lavatory
LP	Low Point
MAX	Maximum
MECH	Mechanical
MFR	Manufacturer
MIN	Minimum
MISC	Miscellaneous
MM	Millimeter
MO	Masonry Opening
MTL	Metal
NIC	Not in contract
NO	Number
NOM	Nominal
NTS	Not to scale
OC	On Center
OD	Outside Diameter
OH	Opposite Hand
OHD	Overhead
OFCI	Owner Furnished / Owner Installed
OFCI	Owner Furnished / Contractor Installed
OPP	Opposite
OTS	Open To Structure
PLAM	Plastic Laminate
PLBG	Plumbing
PNT	Paint
PT	Pressure Treated
PTD	Painted
PLWD	Plywood
PVC	Polyvinyl chloride
R	Radius
RD	Roof drain
REF	Reference, Refrigerator
REQD	Required
REV	Revision
RM	Room
RO	Rough opening
RTU	Roof Top Unit
RWC	Rainwater conducter
SAB	Sound Attenuation Blanket
SCHED	Schedule
SFRM	Sprayed Fire-Resistant Materials
SIM	Similar
SPEC	Specification
SF	Square foot
STL	Steel
STOR	Storage
STRUCT	Structure, Structural
SST	Stainless Steel
TEMP	Temporary, Temperature
TLT	Toilet
TO	Top of
TOP	Top of Parapet
TOW	Top of wall
TYP	Typical
UL	Underwriters Laboratory
UON	Unless Otherwise Noted
VB	Vinyl Base
VCT	Vinyl Composition Tile
VERT	Vertical
VIF	Verify In Field
VWC	Vinyl Wall covering
W/	With
WC	Water Closet
WD	Wood
WO	Window Opening
WP	Waterproofing
XPS	Extruded Polystyrene

SYMBOLS LEGEND

Room name 101 150 SF	ROOM TAG: NAME, NUMBER, AREA
RM NAME RM. NO. Wall Finish Base Finish Floor Finish	ROOM TAG: NAME, NUMBER, FINISHES
101	DOOR TAG
X	PARTITION TYPE TAG
X	WINDOW TYPE TAG
A-###	PLUMBING FIXTURE / TOILET ACCESSORY TAG
X	KEYED NOTE (REFER TO ASSOCIATED SHEET NOTES)
F-###	FFE TAG
	FINISH DIRECTION
A XX' - XX"	CEILING TAG
1 A101 SIM	DETAIL NUMBER & SHEET REFERENCE (SIM: SIMILAR, OPP: OPPOSITE, MIR: MIRRORED)
Ref 1 A101 1 Ref Ref Ref	EXTERIOR ELEVATION TAG: DRAWING NUMBER & SHEET REFERENCE
1 Ref A101 1 Ref Ref Ref	INTERIOR ELEVATION TAG: DRAWING NUMBER & SHEET REFERENCE
1 A101 SIM	SECTION TAG REFERENCE
Name Elevation	ELEVATION LEVEL REFERENCE
	SPOT ELEVATION REFERENCE
℄	CENTERLINE
1 View Name 1/8" = 1'-0"	SHEET DRAWING REFERENCE: NUMBER, NAME, & SCALE

APPLICABLE CODES

Building Subcode	International Building Code*	2018
	International Fire Code*	2018
Plumbing Subcode	International Plumbing Code*	2018
Electrical Subcode	National Electrical Code	NFPA 70-2014
Energy Subcode	International Energy Conservation Code*	2018
Mechanical Subcode	International Mechanical Code	2018
Fuel Gas Code	International Fuel Gas Code*	2018
Existing Building Code	International Existing Building Code*	2018
Performance Subcode	International Code Council Performance Code	2009
Wildland-Urban Interface Code	*International Wildland-Urban Interface Code*	2018
Barrier Free	ICC/ANSI	A117.1-2009
Elevator Safety Subcode	ASME A17.1 & A18.1	2014
Installation of Sprinkler Systems	NFPA 13	2016
Fire Alarm Code	NFPA 72	2016
Design and Construction of Hospitals and Outpatient Facilities	FGI Guidelines	2018

*Adopted with amendments

The work in this project, as defined by the International Existing Building Code, qualifies as an **Alteration (Level 3)** / **Addition**.

BUILDING SUMMARY

Use Group	E - Educational	302
Construction Type	IIB	602
Fire Protection System	Y	
Fire Alarm System	Y	
High-Rise-Building	N	403
Atrium	N	404
Allowable Building Height - Feet / Stories	3 Stories (75')	504.3 & 504.4
Actual Building Height - Feet / Stories	1 Story (25')	
Mezzanine	Y	
Allowable Building Area Per Floor	58,000 SF	Table 506.2
Maximum Building Area Per Floor	93,960 SF	
Area of Work		
First Floor - Existing:	59,993	
First Floor - Addition:	8,336	
Total:	68,329	

FIRE RESISTANCE RATING REQUIREMENTS

		Table 601
Primary Structural Frame	0 HR	
Bearing Walls		
Exterior	0 HR	
Interior	0 HR	
Non-Bearing Walls & Partitions		Table 602
Exterior	1 HR 1 HR 0 HR 0 HR	X<5 5≤X<10 10≤<30 X≥30
Interior	0 HR	
Floor Construction & Secondary Members	0 HR	
Roof Construction & Secondary Members	0 HR	
Elevator Hoistways & Shafts	N/A	713.4
Elevator Lobbies	N/A	708 / 3006.2
Corridors	0 HR w/ Sprinkler System	Table 1020.1
Exit Stairs & Ramps, Interior	N/A	1023
Exit Passageways	N/A	1024
Fire Wall	3 HR	Table 706.4
Atrium Enclosure (Smoke Control Sys.)	N/A	404.5
Separation of Occupancies	N/A	Table 508.4

INTERIOR WALL & CEILING FINISH REQUIREMENTS

		Table 803.11
Exit Stairways, Ramps and Passageways	B	
Corridors and Enclosures for Exit Access Stairways, Ramps	C	
Rooms and Enclosed Spaces	C	

OCCUPANCY LOAD

		Table 1004.1.2
Education:	1,553	
Assembly:	687	
Total:	2,240	
Required Egress Width Stair: **0.2" / 0.3"** / Occ Other: **0.15 / 0.2"** / Occ		1005.3
Provided Egress Width		
Minimum Number of Exits Required		Table 1006.3.1
1 - 500 Occupants	2 Exits	
501 - 1,000 Occupants	3 Exits	
More than 1,000 Occupants	4 Exits	
Number of Exits Provided	14 Exits	
Exit Access Travel Distance	250' w/ Sprinkler System	Table 1017.2
Area of Refuge Required	N	1009.6

NOTE: Refer to egress plans for more information.

ACCESSIBILITY

Parking Spaces		Table 1106.1
Total Parking Spaces Provided	97	
Accessible Spaces Provided	4	
Accessible Van Spaces Provided	N/A	
Accessible Wheelchair Spaces		Table 1108.2.2.1
Seating Capacity in Assem. Areas	N/A	
Required Wheelchair Spaces	N/A	

SOUND TRANSMISSION

		1206
Air-Borne Sound	STC 50 Min.	
Structure-Borne Sound	IIC 50 Min.	

SPECIAL INSPECTIONS

		1705
Type	Required	
Steel Construction	Y	1705.2
Structural Steel	Y	
Cold-Formed Steel Deck	Y	
Open-Web Steel Joists & Joist Girders	Y	
Cold-Formed Steel Trusses	N	
Concrete Construction	Y	1705.3
Welding of Reinforcing Bars	N	
Masonry Construction	Y	1705.4
Wood Construction	N	1705.5
Soils	Y	1705.6
Driven Deep Foundations	N	1705.7
Cast-In-Place Deep Foundations	N	1705.8
Helical Pile Foundations	N	1705.9
Fabricated Items	N	1705.10
Wind Resistance	N	1705.11
Seismic Resistance	N	1705.12
Sprayed Fire-Resistant Materials	N	1705.14
Mastic & Intumescent Fire-Resistant Coatings	N	1705.15
Exterior Insulation & Finish Systems	N	1705.16
Water-Resistive Barrier Coating	N	
Fire-Resistant Penetrations & Joints	Y	1705.17
Smoke Control	N	1705.18

PORTABLE FIRE EXTINGUISHERS

Ref — International Building Code	Section 906
Ref - International Fire Code	Table 901.6.1
Ref - NFPA 10	Table 5.2.1
CLASS A LIGHT (LOW) HAZARD OCCUPANCY	
Minimum Rated Single Extinguisher	2-A, K
Maximum Floor Area Per Unit of A	3,000 SF
Maximum Floor Area for Extinguisher	11,250 SF
Maximum Travel Distance to Extinguisher	75 Feet

PA One Call: 811

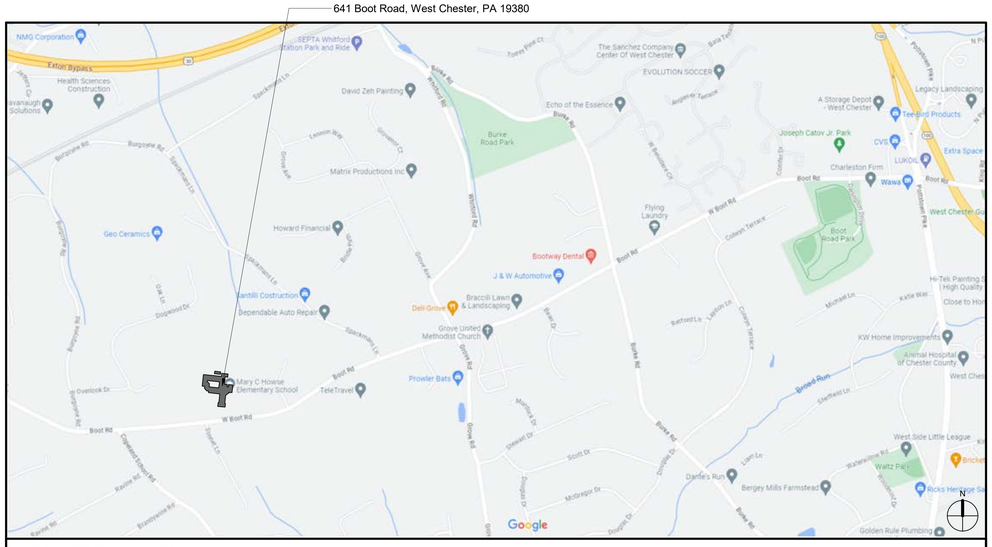
SHEET LIST

SHEET NO.	SHEET NAME	03.24.23 SCHEMATIC DESIGN	05.26.23 DESIGN DEVELOPMENT	07.28.2023 60% CD ISSUE	09.19.2023 90% CD ISSUE	10.31.2023 BID SET
01-General						
G0.00	SHEET LIST, GENERAL NOTES, PROJECT SUMMARY, CODE SUMMARY	X	X	X	X	X
G1.01	1ST FLOOR LIFE SAFETY PLAN	X	X	X	X	X
G2.00	ACCESSIBILITY STANDARDS	X	X	X	X	X
G3.00	SIGNAGE	X	X	X	X	X
02-Civil						
C-100	GENERAL NOTES		X	X	X	X
C-101	OVERALL EXISTING CONDITIONS PLAN	X	X	X	X	X
C-102	PARTIAL EXISTING CONDITIONS & DEMOLITION PLAN	X	X	X	X	X
C-103	PARTIAL EXISTING UTILITIES DEMOLITION PLAN		X	X	X	X
C-121	OVERALL SITE PLAN	X	X	X	X	X
C-122	PARTIAL SITE PLAN	X	X	X	X	X
C-131	PARTIAL GRADING PLAN	X	X	X	X	X
C-132	PARTIAL GRADING PLAN		X	X	X	X
C-133	GRADING DETAIL SHEET				X	X
C-141	OVERALL EROSION CONTROL PLAN		X	X	X	X
C-142	PARTIAL EROSION CONTROL PLAN		X	X	X	X
C-143	EROSION AND SEDIMENTATION CONTROL DETAILS		X	X	X	X
C-144	EROSION AND SEDIMENTATION CONTROL NOTES & DETAILS		X	X	X	X
C-145	EROSION AND SEDIMENTATION CONTROL NOTES					X
C-161	UTILITY PLAN	X	X	X	X	X
C-162	PIPE PROFILES		X	X	X	X
C-501	CONSTRUCTION DETAILS		X	X	X	X
C-502	CONSTRUCTION DETAILS		X	X	X	X
L-101	LANDSCAPE PLAN		X	X	X	X
L-102	LANDSCAPE NOTES AND DETAILS		X	X	X	X
C-901	POST-CONSTRUCTION STORMWATER MANAGEMENT PLAN		X	X	X	X
C-902	POST-CONSTRUCTION STORMWATER MANAGEMENT NOTES		X	X	X	X
C-903	POST-CONSTRUCTION STORMWATER MANAGEMENT NOTES AND DETAILS		X	X	X	X
05-Site Plan						
AS1.00	ARCHITECTURAL SITE PLAN	X	X	X	X	X
05A-Phasing						
PH1.00	PHASING PLAN	X	X	X	X	X
PH2.00	PHASING PLAN	X	X	X	X	X
PH3.00	PHASING PLAN	X	X	X	X	X
PH4.00	PHASING PLAN	X	X	X	X	X
PH5.00	PHASING PLAN	X	X	X	X	X
06-Demolition						
AD1.01	OVERALL DEMOLITION PLAN	X	X	X	X	X
AD1.01A	ENLARGED DEMOLITION PLAN - AREA 'A'	X	X	X	X	X
AD1.01B	ENLARGED DEMOLITION PLAN - AREA 'B'	X	X	X	X	X
AD1.01C	ENLARGED DEMOLITION PLAN - AREA 'C'	X	X	X	X	X
AD1.01D	ENLARGED DEMOLITION PLAN - AREA 'D'	X	X	X	X	X
AD1.02	OVERALL DEMOLITION ROOF PLAN			X	X	X
AD1.03	OVERALL DEMOLITION RCP	X	X	X	X	X
07-Architectural						
A1.01	OVERALL FLOOR PLAN	X	X	X	X	X
A1.01A	ENLARGED FLOOR PLAN - AREA 'A'	X	X	X	X	X
A1.01B	ENLARGED FLOOR PLAN - AREA 'B'	X	X	X	X	X
A1.01C	ENLARGED FLOOR PLAN - AREA 'C'	X	X	X	X	X
A1.01D	ENLARGED FLOOR PLAN - AREA 'D'	X	X	X	X	X
A1.01E	ENLARGED FLOOR PLAN - AREA 'E'	X	X	X	X	X
A1.02	OVERALL ROOF PLAN	X	X	X	X	X
A1.02A	ENLARGED ROOF PLAN - AREA 'A'				X	X
A1.02B	ENLARGED ROOF PLAN - AREA 'B'				X	X
A1.02C	ENLARGED ROOF PLAN - AREA 'C'				X	X
A1.02D	ENLARGED ROOF PLAN - AREA 'D'				X	X
A1.02E	ENLARGED ROOF PLAN - AREA 'E'				X	X
A1.41A	ENLARGED FINISH PLAN - AREA 'A'	X	X	X	X	X
A1.41B	ENLARGED FINISH PLAN - AREA 'B'	X	X	X	X	X
A1.41C	ENLARGED FINISH PLAN - AREA 'C'	X	X	X	X	X
A1.41D	ENLARGED FINISH PLAN - AREA 'D'	X	X	X	X	X
A1.41E	ENLARGED FINISH PLAN - AREA 'E'	X	X	X	X	X
A2.01	OVERALL REFLECTED CEILING PLAN	X	X	X	X	X
A2.01A	ENLARGED RCP - AREA 'A'			X	X	
A2.01B	ENLARGED RCP - AREA 'B'			X	X	X
A2.01C	ENLARGED RCP - AREA 'C'			X	X	X
A2.01D	ENLARGED RCP - AREA 'D'			X	X	X
A2.01E	ENLARGED RCP - AREA 'E'			X	X	X
A3.10	BUILDING ELEVATIONS - NORTH & EAST	X	X	X	X	X
A3.11	BUILDING ELEVATIONS - SOUTH & WEST	X	X	X	X	X
A3.12	BUILDING ELEVATIONS - COURTYARD	X	X	X	X	X
A3.13	ENLARGED BUILDING ELEVATIONS - ADDITIONS	X	X	X	X	X
A4.10	BUILDING SECTIONS	X	X	X	X	X
A5.00	ENVELOPE SCHEDULE & DETAILS	X	X	X	X	X
A5.01	EXTERIOR PLAN DETAILS				X	X
A5.02	EXTERIOR PLAN DETAILS				X	X
A5.10	WALL SECTIONS	X	X	X	X	X
A5.11	WALL SECTIONS		X	X	X	X
A5.12	WALL SECTIONS		X	X	X	X
A5.20	FOUNDATION DETAILS		X	X	X	X
A5.30	EXTERIOR SECTION DETAILS		X	X	X	X
A5.40	ROOF DETAILS		X	X	X	X
A5.41	ROOF DETAILS		X	X	X	X
A5.42	ROOF DETAILS					X
A6.00	ENLARGED PLANS & INTERIOR ELEVATIONS - TOILET ROOMS		X	X	X	X
A6.01	ENLARGED PLANS & INTERIOR ELEVATIONS - TOILET ROOMS		X	X	X	X
A6.10	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'A'	X	X	X	X	X
A6.11	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'A'		X	X	X	X
A6.12	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'A'		X	X	X	X
A6.13	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'A'		X	X	X	X
A6.20	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'B'	X	X	X	X	X
A6.21	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'B'	X	X	X	X	X
A6.22	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'B	X	X	X	X	X
A6.23	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'B'	X	X	X	X	X
A6.24	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'B'			X	X	X
A6.25	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'B'					X
A6.30	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'C'		X	X	X	X
A6.31	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'C'		X	X	X	X
A6.32	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'C'		X	X	X	X
A6.33	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'C'	X	X	X	X	X
A6.34	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'C'		X	X	X	X
A6.35	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'C'		X	X	X	X
A6.36	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'C'		X	X	X	X
A6.37	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'C'		X	X	X	X
A6.40	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'D'		X	X	X	X
A6.41	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'D'		X	X	X	X
A6.42	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'D'		X	X	X	X
A6.43	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'D'		X	X	X	X
A6.50	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'E'		X	X	X	X
A6.51	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'E'		X	X	X	X
A6.52	ENLARGED PLANS & INTERIOR ELEVATIONS - AREA 'E'		X	X	X	X
A7.10	STAIR PLANS, SECTIONS, & DETAILS	X		X	X	X
A8.10	PARTITION, FIRE RATED ASSEMBLY, & PENETRATION DETAILS	X	X	X	X	X
A8.20	CEILING DETAILS		X	X	X	X
A8.21	CEILING DETAILS					X
A8.40	MILLWORK / CASEWORK DETAILS		X	X	X	X
A8.41	MILLWORK / CASEWORK DETAILS		X	X	X	X
A8.42	MILLWORK / CASEWORK DETAILS				X	X
A8.50	MISCELLANEOUS DETAILS		X	X	X	X
A9.10	DOOR SCHEDULES, TYPES, & DETAILS	X	X	X	X	X
A9.20	WINDOW SCHEDULES, TYPES, & DETAILS	X	X	X	X	X
A9.21	WINDOW SCHEDULES, TYPES, & DETAILS					X
A9.30	FINISH SCHEDULES & DETAILS	X	X	X	X	X
08-Structural						
S0.01	STRUCTURAL NOTES	X	X	X	X	X
S0.02	SPECIAL INSPECTIONS		X	X	X	X

SHEET LIST

SHEET NO.	SHEET NAME	03.24.23 SCHEMATIC DESIGN	05.26.23 DESIGN DEVELOPMENT	07.28.2023 60% CD ISSUE	09.19.2023 90% CD ISSUE	10.31.2023 BID SET
S1.01A	FOUNDATION PLAN - AREA 'A'		X	X	X	X
S1.01B	FOUNDATION PLAN - AREA 'B'		X	X	X	X
S1.01C	FOUNDATION PLAN - AREA 'C'		X	X	X	X
S1.01D	FOUNDATION PLAN - AREA 'D'		X	X	X	X
S1.01E	FOUNDAION PLAN - AREA 'E'		X	X	X	X
S1.02A	ROOF FRAMING PLAN - AREA 'A'		X	X	X	X
S1.02B	ROOF FRAMING PLAN - AREA 'B'		X	X	X	X
S1.02C	ROOF FRAMING PLAN - AREA 'C'		X	X	X	X
S1.02D	ROOF FRAMING PLAN - AREA 'D'		X	X	X	X
S1.02E	ROOF FRAMING PLAN - AREA 'E'		X	X	X	X
S3.01	FOUNDATION DETAILS		X	X	X	X
S4.01	FRAMING DETAILS		X	X	X	X
S4.02	FRAMING DETAILS			X	X	X
S6.01	TYPICAL FOUNDATION DETAILS		X	X	X	X
S6.02	TYPICAL FRAMING DETAILS		X	X	X	X
09-Mechanical						
H0.00	COVER SHEET - HVAC	X	X	X	X	X
H0.01	PHASING PLAN - PHASE 1			X	X	X
H0.02	PHASING PLAN - PHASE 2			X	X	X
H0.03	PHASING PLAN - PHASE 3			X	X	X
H0.04	PHASING PLAN - PHASE 4			X	X	X
H0.05	PHASING PLAN - PHASE 5			X	X	X
H2.01A	FLOOR PLAN - AREA A	X	X	X	X	X
H2.01B	FLOOR PLAN - AREA B	X	X	X	X	X
H2.01C	FLOOR PLAN - AREA C	X	X	X	X	X
H2.01D	FLOOR PLAN - AREA D	X	X	X	X	X
H2.01E	FLOOR PLAN - AREA E	X	X	X	X	X
H2.02	OVERALL ROOF PLAN	X	X	X	X	X
H3.01A	FLOOR PLAN - AREA A - ATC & PIPING		X	X	X	X
H3.01B	FLOOR PLAN - AREA B - ATC & PIPING		X	X	X	X
H3.01C	FLOOR PLAN - AREA C - ATC & PIPING		X	X	X	X
H3.01D	FLOOR PLAN - AREA D - ATC & PIPING		X	X	X	X
H3.01E	FLOOR PLAN - AREA E - ATC & PIPING		X	X	X	X
H4.01	ENLARGED BOILER ROOM 028 PLAN	X	X	X	X	X
H5.01	HOT WATER PLANT SCHEMATIC	X	X	X	X	X
H5.02	CHILLED WATER PLAN SCHEMATIC	X	X	X	X	X
H5.03	DETAILS		X	X	X	X
H5.04	DETAILS		X	X	X	X
H5.05	DETAILS		X	X	X	X
H5.06	DETAILS		X	X	X	X
H6.01	SCHEDULES		X	X	X	X
H6.02	SCHEDULES		X	X	X	X
H6.03	SCHEDULES		X	X	X	X
H7.01	ATC SCHEMATICS			X	X	X
H7.02	ATC SCHEMATICS			X	X	X
HD1.01A	DEMOLITION FLOOR PLAN - AREA A	X	X	X	X	X
HD1.01B	DEMOLITION FLOOR PLAN - AREA B	X	X	X	X	X
HD1.01C	DEMOLITION FLOOR PLAN - AREA C	X	X	X	X	X
HD1.01D	DEMOLITION FLOOR PLAN - AREA D	X	X	X	X	X
HD1.02	OVERALL ROOF PLAN - DEMOLITION	X	X	X	X	X
10-Plumbing						
P0.00	COVER SHEET - PLUMBING	X	X	X	X	X
P0.01	PHASING PLAN - PHASE 1			X	X	X
P0.02	PHASING PLAN - PHASE 2			X	X	X
P0.03	PHASING PLAN - PHASE 3			X	X	X
P0.04	PHASING PLAN - PHASE 4			X	X	X
P0.05	PHASING PLAN - PHASE 5			X	X	X
P1.01	FIXTURE LIST - PLUMBING			X	X	X
PD1.01A	DEMOLITION PLAN - AREA 'A' - DRAIN & VENT PIPING			X	X	X
PD1.01B	DEMOLITION PLAN - AREA 'B' - DRAIN & VENT PIPING			X	X	X
PD1.01C	DEMOLITION PLAN - AREA 'C' - DRAIN & VENT PIPING			X	X	X
PD1.01D	DEMOLITION PLAN - AREA 'D' - DRAIN & VENT PIPING			X	X	X
PD2.01A	DEMOLITION PLAN - AREA 'A' - SUPPLY PIPING			X	X	X
PD2.01B	DEMOLITION PLAN - AREA 'B' - SUPPLY PIPING			X	X	X
PD2.01C	DEMOLITION PLAN - AREA 'C' - SUPPLY PIPING			X	X	X
PD2.01D	DEMOLITION PLAN - AREA 'D' - SUPPLY PIPING			X	X	X
P2.01A	FLOOR PLAN - AREA 'A' - DRAIN & VENT PIPING			X	X	X
P2.01B	FLOOR PLAN - AREA 'B' - DRAIN & VENT PIPING			X	X	X
P2.01C	FLOOR PLAN - AREA 'C' - DRAIN & VENT PIPING			X	X	X
P2.01D	FLOOR PLAN - AREA 'D' - DRAIN & VENT PIPING			X	X	X
P2.01E	FLOOR PLAN - AREA 'E' - FIRE PROTECTION			X	X	X
FPD1.01	DEMOLITION PLAN - FIRE PROTECTION			X	X	X
12-Fire Protection						
FP0.00	COVER SHEET - FIRE PROTECTION	X	X	X	X	X
FP1.01	OVERALL ZONE PLAN - FIRE PROTECTION	X	X	X	X	X
FP2.01A	FLOOR PLAN - AREA 'A' - FIRE PROTECTION			X	X	X
FP2.01B	FLOOR PLAN - AREA 'B' - FIRE PROTECTION			X	X	X
FP2.01C	FLOOR PLAN - AREA 'C' - FIRE PROTECTION			X	X	X
FP2.01D	FLOOR PLAN - AREA 'D' - FIRE PROTECTION			X	X	X
FP2.01E	FLOOR PLAN - AREA 'E' - FIRE PROTECTION			X	X	X
FPD1.01	DEMOLITION PLAN - FIRE PROTECTION			X	X	X

641 Boot Road, West Chester, PA 19380



LOCATION MAP

MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES

International Plumbing Code 2018

REQUIRED	WATER CLOSETS M	WATER CLOSETS F	LAVATORIES M	LAVATORIES F	DRINKING FOUNTAINS	SERVICE SINK	REFERENCE
Educational	1 Per 50		1 Per 50		1 Per 100	1	Table 403.1
Assembly	1 Per 125	1 Per 65	1 Per 200		1 Per 500	1	

PLUMBING FIXTURE COUNTS

International Plumbing Code 2018

USE GROUP	OCCUPANCY	MALE	FEMALE	REFERENCE
Educational	2,197	1,099	1,099	Assuming 50/50 gender ratio (403.1.1)
Assembly	861	431	431	

Assembly spaces include the Gymnasium, Cafeteria, Conference Room, & Faculty Dining Room

REQUIRED	WATER CLOSETS M	WATER CLOSETS F	WATER CLOSETS SINGLE USER	LAVATORIES M	LAVATORIES F	LAVATORIES SINGLE USER	DRINKING FOUNTAINS	REFERENCE
Educational	22	22	--	22	22	--	22	Table 403.1
Assembly	4	7	--	3	3	--	1	
Total	26	29	--	25	25	--	23	
Existing	19	13	19	10	10	17	5	
Proposed	**17**	**14**	**8**	**9**	**9**	**8**	**26***	

1. Plumbing fixture calculations based on square footage occupant load count. The actual anticipated occupancy load to be 475 students + 65 staff.
2. In each bathroom or toilet room, urinals shall not be substituted for more than 67% of the required water closets in assembly and educational spaces (IPC 424.2).
3. All classroom sinks to receive a bubbler.
* This quantity includes (24) classroom bubblers and (2) pairs of hi-lo drinking fountains.

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BLACKNEY HAYES ARCHITECTS

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phone: 610.694.8020
CONTACT PERSON: Jeff Machik, PE

Project:
Mary C. Howse Elementary

Project Address:
641 Boot Road
West Chester, PA 19380

Sheet Title:
SHEET LIST, GENERAL NOTES, PROJECT SUMMARY, CODE SUMMARY

Seal

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Release

Date	Comments	△
03.24.2023	SCHEMATIC DESIGN	
05.26.2023	DESIGN DEVELOPMENT	
07.28.2023	60% CD SET	
09.19.2023	90% CD SET	
10.31.2023	BID SET	

BHA Job Number:	22-114
Scale:	As indicated
Drawn By:	BH
Checked By:	NM
Approved By:	DJ
Sheet No.	G0.00

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EGRESS PATH SCHEDULE

PATH	LENGTH	FROM RM.	TO RM.
1ST FLOOR			
	90' - 3"		CORRIDOR C100F
	128' - 10"	HEALTH SUITE 107	CORRIDOR C100A
	150' - 8"		CORRIDOR C100D
	152' - 6"	CLASSROOM 115	CORRIDOR C100F
	153' - 10"	FACULTY DINING 301	VESTIBULE V100
	182' - 9"	CLASSROOM 317	CORRIDOR C100D
	202' - 9"	CLASSROOM 314	VESTIBULE V101

REQUIRED OCCUPANCY

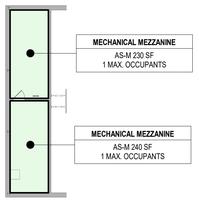
FUNCTION OF SPACE (PER 2018 IBC 1004.5)	KEY	NAME	AREA	LOAD FACTOR	OCCUPANT LOAD
1ST FLOOR					
ACCESSORY STORAGE	AS	STG.	67 SF	300 SF	1
ACCESSORY STORAGE	AS	ART STG.	221 SF	300 SF	1
ACCESSORY STORAGE	AS	STAGE STG.	126 SF	300 SF	1
ACCESSORY STORAGE	AS	TABLE / CHAIR STG	130 SF	300 SF	1
ACCESSORY STORAGE	AS	GYM STG.	113 SF	300 SF	1
ACCESSORY STORAGE	AS	GYM STG.	134 SF	300 SF	1
ACCESSORY STORAGE	AS	STORAGE	216 SF	300 SF	1
ACCESSORY STORAGE - MECHANICAL RM.	AS-M	CUSTODIAL	400 SF	300 SF	2
ACCESSORY STORAGE - MECHANICAL RM.	AS-M	MAINTENANCE	262 SF	300 SF	1
ACCESSORY STORAGE - MECHANICAL RM.	AS-M	MDF	147 SF	300 SF	1
ACCESSORY STORAGE - MECHANICAL RM.	AS-M	JC	74 SF	300 SF	1
ACCESSORY STORAGE - MECHANICAL RM.	AS-M	E.E.R	179 SF	300 SF	1
ACCESSORY STORAGE - MECHANICAL RM.	AS-M	ELEC.	172 SF	300 SF	1
ACCESSORY STORAGE - MECHANICAL RM.	AS-M	JC	51 SF	300 SF	1
ACCESSORY STORAGE - MECHANICAL RM.	AS-M	IDF	44 SF	300 SF	1
ACCESSORY STORAGE - MECHANICAL RM.	AS-M	ELEC.	25 SF	300 SF	1
ACCESSORY STORAGE - MECHANICAL RM.	AS-M	BOILER / MECHANICAL	952 SF	300 SF	4
ACCESSORY STORAGE - MECHANICAL RM.	AS-M	ELEC.	40 SF	300 SF	1
ACCESSORY STORAGE - MECHANICAL RM.	AS-M	ELEC.	112 SF	300 SF	1
ACCESSORY STORAGE - MECHANICAL RM.	AS-M	JC	66 SF	300 SF	1
ACCESSORY STORAGE - MECHANICAL RM.	AS-M	IDF	93 SF	300 SF	1
ASSEMBLY - CONCENTRATED	A-C	CAFETERIA	2,278 SF	7 SF	326
ASSEMBLY - CONCENTRATED	A-C	GYMNASIUM	3,245 SF	7 SF	464
ASSEMBLY - CONCENTRATED	A-C	CONFERENCE	278 SF	7 SF	40
ASSEMBLY - UNCONCENTRATED	A-U	FACULTY DINING	457 SF	15 SF	31
BUSINESS AREA	B	PSYCH.	342 SF	150 SF	3
BUSINESS AREA	B	INSTR. COACH	367 SF	150 SF	3
BUSINESS AREA	B	GUIDANCE	218 SF	150 SF	2
BUSINESS AREA	B	CASEWORKER	213 SF	150 SF	2
BUSINESS AREA	B	SPEECH	357 SF	150 SF	3
BUSINESS AREA	B	TECH	266 SF	150 SF	2
BUSINESS AREA	B	FACULTY WORKROOM	416 SF	150 SF	3
BUSINESS AREA	B	GYM OFFICE	110 SF	150 SF	1
BUSINESS AREA	B	HEALTH SUITE	1,012 SF	150 SF	7
BUSINESS AREA	B	ADMINISTRATION	1,233 SF	150 SF	9
EDUCATIONAL - CLASSROOM	EC	MUSIC	976 SF	20 SF	49
EDUCATIONAL - CLASSROOM	EC	INSTRUMENTAL MUSIC	787 SF	20 SF	40
EDUCATIONAL - CLASSROOM	EC	CLASSROOM	898 SF	20 SF	45
EDUCATIONAL - CLASSROOM	EC	GIFTED	553 SF	20 SF	28
EDUCATIONAL - CLASSROOM	EC	CLASSROOM	894 SF	20 SF	45
EDUCATIONAL - CLASSROOM	EC	OT / PT	530 SF	20 SF	27
EDUCATIONAL - CLASSROOM	EC	RESOURCE	663 SF	20 SF	34

REQUIRED OCCUPANCY

FUNCTION OF SPACE (PER 2018 IBC 1004.5)	KEY	NAME	AREA	LOAD FACTOR	OCCUPANT LOAD
EDUCATIONAL - CLASSROOM	EC	CLASSROOM	896 SF	20 SF	45
EDUCATIONAL - CLASSROOM	EC	CLASSROOM	889 SF	20 SF	45
EDUCATIONAL - CLASSROOM	EC	CLASSROOM	894 SF	20 SF	45
EDUCATIONAL - CLASSROOM	EC	CLASSROOM	905 SF	20 SF	46
EDUCATIONAL - CLASSROOM	EC	CLASSROOM	894 SF	20 SF	45
EDUCATIONAL - CLASSROOM	EC	CLASSROOM	969 SF	20 SF	49
EDUCATIONAL - CLASSROOM	EC	CLASSROOM	905 SF	20 SF	46
EDUCATIONAL - CLASSROOM	EC	CLASSROOM	958 SF	20 SF	48
EDUCATIONAL - CLASSROOM	EC	LIBRARY TEACHING AREA	674 SF	20 SF	34
EDUCATIONAL - CLASSROOM	EC	STEM ROOM	742 SF	20 SF	38
EDUCATIONAL - CLASSROOM	EC	RESOURCE	582 SF	20 SF	30
EDUCATIONAL - CLASSROOM	EC	CLASSROOM	891 SF	20 SF	45
EDUCATIONAL - CLASSROOM	EC	CLASSROOM	890 SF	20 SF	45
EDUCATIONAL - CLASSROOM	EC	CLASSROOM	896 SF	20 SF	45
EDUCATIONAL - CLASSROOM	EC	ART ROOM	900 SF	20 SF	45
EDUCATIONAL - CLASSROOM	EC	CLASSROOM	904 SF	20 SF	46
EDUCATIONAL - CLASSROOM	EC	KINDERGARTEN	947 SF	20 SF	48
EDUCATIONAL - CLASSROOM	EC	RESOURCE	705 SF	20 SF	36
EDUCATIONAL - CLASSROOM	EC	KINDERGARTEN	952 SF	20 SF	48
EDUCATIONAL - CLASSROOM	EC	KINDERGARTEN	969 SF	20 SF	49
EDUCATIONAL - CLASSROOM	EC	KINDERGARTEN	978 SF	20 SF	49
EDUCATIONAL - CLASSROOM	EC	ELL	675 SF	20 SF	34
EDUCATIONAL - CLASSROOM	EC	CLASSROOM	915 SF	20 SF	46
EDUCATIONAL - CLASSROOM	EC	CLASSROOM	883 SF	20 SF	45
EDUCATIONAL - CLASSROOM	EC	CLASSROOM	886 SF	20 SF	45
EDUCATIONAL - CLASSROOM	EC	CLASSROOM	932 SF	20 SF	47
EDUCATIONAL - CLASSROOM	EC	CLASSROOM	925 SF	20 SF	47
EDUCATIONAL - CLASSROOM	EC	COURTYARD	7,698 SF	20 SF	49
EDUCATIONAL - CLASSROOM	EC	COURTYARD	4,556 SF	20 SF	50
EDUCATIONAL - CLASSROOM	EC	CALMING ROOM	138 SF	20 SF	7
EDUCATIONAL - CLASSROOM	EC	LIBRARY MAKER SPACE	325 SF	20 SF	17
EDUCATIONAL - VOCATION	EV	KILN	107 SF	50 SF	3
KITCHEN (COMMERCIAL)	KC	KITCHEN	1,409 SF	200 SF	8
LIBRARY - READING ROOM	L-R	R.S.	201 SF	50 SF	5
LIBRARY - READING ROOM	L-R	R.S.	199 SF	50 SF	4
LIBRARY - READING ROOM	L-R	R.S.	202 SF	50 SF	5
LIBRARY - READING ROOM	L-R	READING LAB	586 SF	50 SF	12
LIBRARY - STACK	L-S	LIBRARY	739 SF	100 SF	8
STAGE / PLATFORM	S-P	STAGE	381 SF	15 SF	26
STAGE / PLATFORM	S-P	PLATFORM STAIR	82 SF	15 SF	6
1ST FLOOR					2580
EXG. MEZZANINE					
ACCESSORY STORAGE - MECHANICAL RM.	AS-M	MECHANICAL MEZZANINE	230 SF	300 SF	1
ACCESSORY STORAGE - MECHANICAL RM.	AS-M	MECHANICAL MEZZANINE	240 SF	300 SF	1
EXG. MEZZANINE					2
TOTAL BUILDING:					2582

CODE PLAN LEGEND

- SMOKE PARTITION
- 1/2 HOUR RATED PARTITION
- 1 HOUR RATED PARTITION
- 2 HOUR RATED PARTITION
- 3 HOUR RATED PARTITION
- EGRESS PATH
- ACCESSIBLE ROUTE
- FIRE EXTINGUISER (FE, FEC)
- EXIT SIGN
- RATED DOOR TAG (MINUTES) (##)
- EGRESS TAGS: STAIR 72 / 100-240; OPENING 36 / 100-240
  - ELEMENT WIDTH IN INCHES
  - POSTED LOAD
  - ALLOWABLE LOAD



2 MEZZANINE LIFE SAFETY PLAN
1/16" = 1'-0"

1 1ST FLOOR LIFE SAFETY PLAN
1/16" = 1'-0"

OCCUPANCY LEGEND

- ACCESSORY STORAGE
- ACCESSORY STORAGE - MECHANICAL RM.
- ASSEMBLY - CONCENTRATED
- ASSEMBLY - UNCONCENTRATED
- BUSINESS AREA
- EDUCATIONAL - CLASSROOM
- EDUCATIONAL - VOCATION
- KITCHEN (COMMERCIAL)
- LIBRARY - READING ROOM
- LIBRARY - STACK
- STAGE / PLATFORM

BLACKNEY HAYES ARCHITECTS

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CONTACT PERSON: Damon Gonzaga

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Project:
Mary C. Howse Elementary

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Sheet Title:
1ST FLOOR LIFE SAFETY PLAN

Seal

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BHA Job Number:	22-114
Scale:	1/16" = 1'-0"
Drawn By:	BH
Checked By:	NM
Approved By:	DJ

Sheet No.

G1.01

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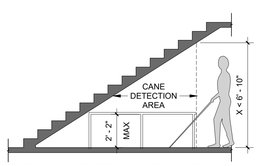
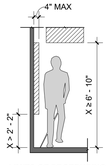
10/31/2023 6:04:42 PM

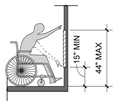
OBSTRUCTIONS AND REACH RANGES



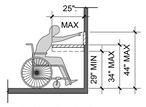
GUARDRAILS OR BARRIERS SHALL BE REQUIRED WHERE VERT. CLEARANCE IS LESS THAN 82" HIGH. THE LEADING EDGE OF THE GUARDRAIL OR BARRIER SHALL BE LOCATED 28" MAX. ABOVE THE FINISH FLOOR OR GROUND.



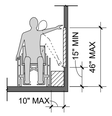
LIMITS OF PROTRUDING OBJECTS (INTO CIRCULATION PATH)
NOTE: 4 ½" PROTRUSION IS ALLOWED FOR HANDRAILS



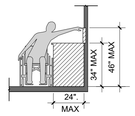
UNOBSTRUCTED FORWARD REACH



OBSTRUCTED HIGH FORWARD REACH

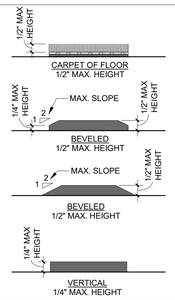


OBSTRUCTED SIDE REACH

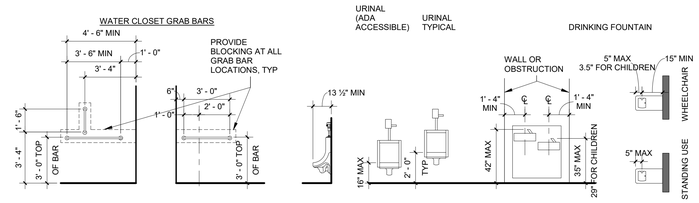


OBSTRUCTED HIGH SIDE REACH

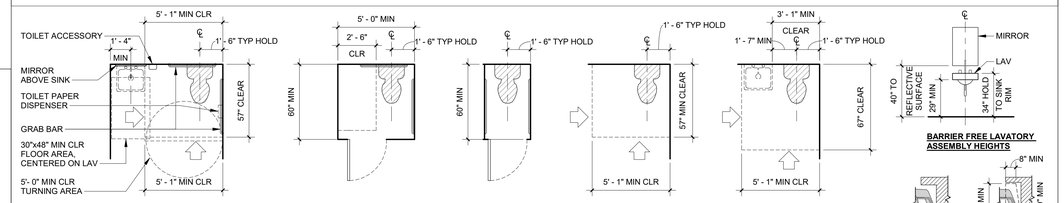
CHANGES IN FLOOR LEVEL / THRESHOLDS



WATER CLOSET, URINAL, DRINKING FOUNTAIN REQUIREMENTS



WATER CLOSET CLEARANCES / LAVATORY CLEARANCES



WATER CLOSET CLEARANCES
- AT PUBLIC LOCATIONS
- AT ACCESSIBLE RESIDENTIAL UNITS

WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT STALL

AMBULATORY ACCESSIBLE TOILET COMPARTMENT STALL

WATER CLOSET CLEARANCE
- AT "TYPE A" RESIDENTIAL UNITS
- AT UFAS COMPLIANT RESIDENTAL UNITS
PROVIDE BLOCKING FOR INSTALLATION OF FUTURE GRAB BARS.

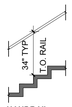
WATER CLOSET CLEARANCE
- AT "TYPE A" RESIDENTIAL UNITS
- AT UFAS COMPLIANT RESIDENTIAL UNITS
APPLICABLE ONLY WITH LAV OBSTRUCTION.
PROVIDE BLOCKING FOR INSTALLATION OF FUTURE GRAB BARS (REDUCE REAR GRAB BAR TO 24").

BARRIER FREE LAVATORY ASSEMBLY HEIGHTS

LAVATORY TOE CLEARANCE AND KNEE CLEARANCE

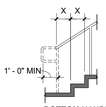
HANDRAIL MOUNTING / EXTENSION REQUIREMENTS

NOTE:
1. HANDRAIL ENDS SHALL BE RETURNED TO THE WALL OR FLOOR OR SHALL TERMINATE AT NEWEL POSTS.
2. HANDRAIL EXTENSIONS ARE NOT REQUIRED IN ASSEMBLY AREAS WHERE HANDRAILS ARE DISCONTINOUS TO PROVIDE ACCESS TO SEATING AND TO PERMIT CROSSOVERS WITHIN AISLES, OR, IN ALTERATIONS, WHERE EXTENSIONS WOULD BE HAZARDOUS.

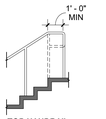


HANDRAIL HEIGHT AT STAIRS

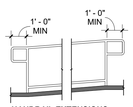
HANDRAIL HEIGHT AT RAMP



BOTTOM HANDRAIL EXTENSION AT STAIRS
(DASHED LINE REPRESENTS 12" HORIZ EXTENSION AT UFAS COMPLIANT STAIRS ONLY)

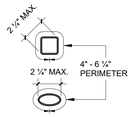


TOP HANDRAIL EXTENSION AT STAIRS
(DASHED LINE REPRESENTS ALTERNATIVE POST CONFIGURATION)



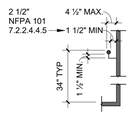
HANDRAIL EXTENSIONS AT RAMPS

HANDRAIL DIAMETER



NON-CIRCULAR HANDRAIL CROSS SECTIONS

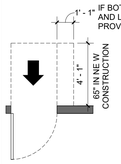
CIRCULAR HANDRAIL CROSS SECTIONS



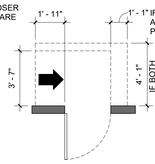
HANDRAIL CLEARANCES AT ADJACENT SURFACE

MANEUVERING CLEARANCES AT DOORWAYS

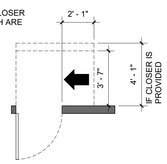
NOTE: FLOOR SLOPE WITHIN REQUIRED CLEARANCES NOT TO EXCEED 1:48



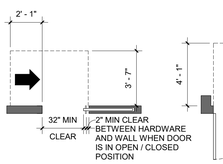
FRONT APPROACH PUSH SIDE



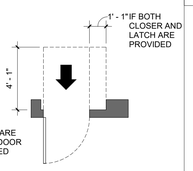
HINGE APPROACH PUSH SIDE



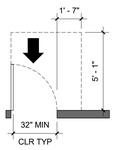
LATCH APPROACH PUSH SIDE



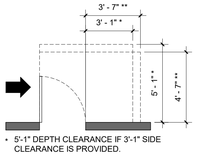
SLIDING DOOR - STOP / LATCH APPROACH



FRONT APPROACH PUSH SIDE AT RECESSED DOOR (WHEN RECESS IS GREATER THAN 8")



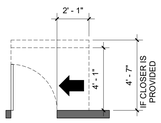
FRONT APPROACH PULL SIDE



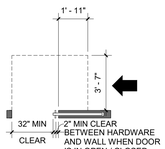
* 5'-1" DEPTH CLEARANCE IF 3'-1" SIDE CLEARANCE IS PROVIDED.

** 4'-7" DEPTH CLEARANCE IF 3'-7" SIDE CLEARANCE IS PROVIDED.

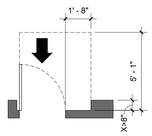
HINGE APPROACH PULL SIDE



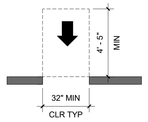
LATCH APPROACH PULL SIDE



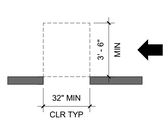
SLIDING DOOR - POCKET APPROACH



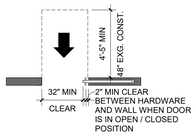
FRONT APPROACH PULL SIDE AT RECESSED DOOR



CASED OPENING - FRONT APPROACH

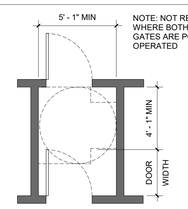


CASED OPENING - SIDE APPROACH

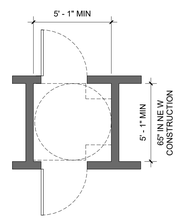


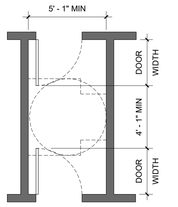
SLIDING DOOR - FRONT APPROACH

MANEUVERING CLEARANCES AT DOORS/ GATES IN SERIES



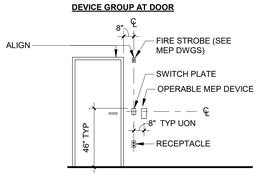
NOTE: NOT REQUIRED WHERE BOTH DOORS / GATES ARE POWER OPERATED

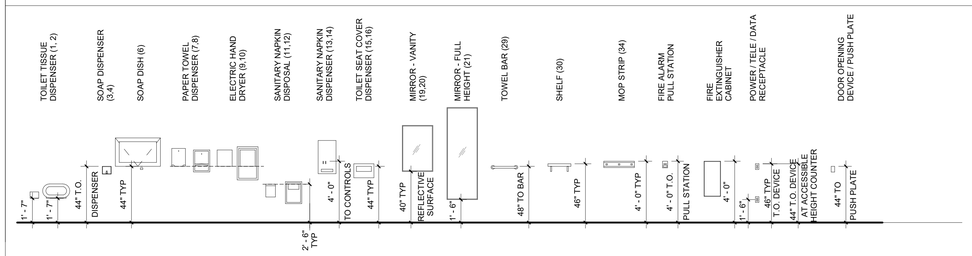




MOUNTING HEIGHTS & SIGNAGE OF DEVICES

DEVICE GROUP AT DOOR





GENERAL NOTES

1. ACCESSIBILITY CLEARANCES SHOWN HERE MEET OR EXCEED THE FOLLOWING STANDARDS:
   - ANSI A117.1
   - AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG)
   - UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS)
   - FAIR HOUSING ACT (FHA)
2. ANY DISCREPANCY BETWEEN THIS SHEET AND THE PROJECT DESIGN DOCUMENTS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY PRIOR TO STARTING WORK. NOT ALL CONDITIONS SHOWN HERE APPLY; REFER TO DESIGN DOCUMENTS FOR PROJECT SPECIFIC INFORMATION.
3. "HOLD" DIMENSIONS INDICATE EXACT MEASUREMENT; NO DEVIATION OR TOLERANCE IS ALLOWABLE.
4. DOOR HARDWARE OPERATION SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST, NOR REQUIRE MORE THAN 5 LBS OF OPERATIONAL FORCE.
5. DIMENSIONS SHOWN ARE TO FINISH FACE OF PARTITION / BUILDING ELEMENT. CONTRACTOR TO COORDINATE PARTITION FRAMING ACCORDINGLY.

NOT FOR CONSTRUCTION

BLACKNEY HAYES ARCHITECTS

phone: 215.829.0922 x###
CONTACT PERSON: PM Name

OWNER
West Chester Area School District
phone: 484.266.1281
CONTACT PERSON: Damon Gonzaga

CIVIL ENGINEER
Stantec Consulting Services
phone: 610.840.2500
CONTACT PERSON: Charles J. Olivo, PE

STRUCTURAL ENGINEER
Baker, Ingram & Associates
phone: 856.310.1491
CONTACT PERSON: Brian D. McGlade, PE

MEP & FP
Snyder Hoffman Associates, Inc
phone: 610.694.8020
CONTACT PERSON: Jeff Machik, PE

Project:
Mary C. Howse Elementary

Project Address:
641 Boot Road
West Chester, PA 19380

Sheet Title:
ACCESSIBILITY STANDARDS

Seal

DUTY TO INSPECT CONTRACT DOCUMENTS PRIOR TO STARTING WORK:
Any party who relies in part or whole on the content of these Construction Documents shall, before beginning any work, be responsible for fully inspecting the complete set of Contract Documents, including all Drawings, Specifications, and Addenda, for completeness, conflicts, scope of work, and suitability for constructing the building. All parties relying on these documents represent that they have expertise in the area of their responsibility and are knowledgeable regarding industry standards, product requirements and code requirements and therefore are qualified to fully evaluate and interpret the contract documents. All parties relying on these documents must, prior to beginning work, submit all requests for clarifications and additional information to the Architect in writing. **All parties who begin work hereby certify that the documents are suitable for their intended purposes unless noted in specific written exception beforehand.**

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Release

Date	Comments	△
03.24.2023	SCHEMATIC DESIGN	
05.26.2023	DESIGN DEVELOPMENT	
07.28.2023	60% CD SET	
09.19.2023	90% CD SET	
10.31.2023	BID SET	

BHA Job Number:	22-114
Scale:	As indicated
Drawn By:	BH
Checked By:	NM
Approved By:	DJ

Sheet No.
G2.00

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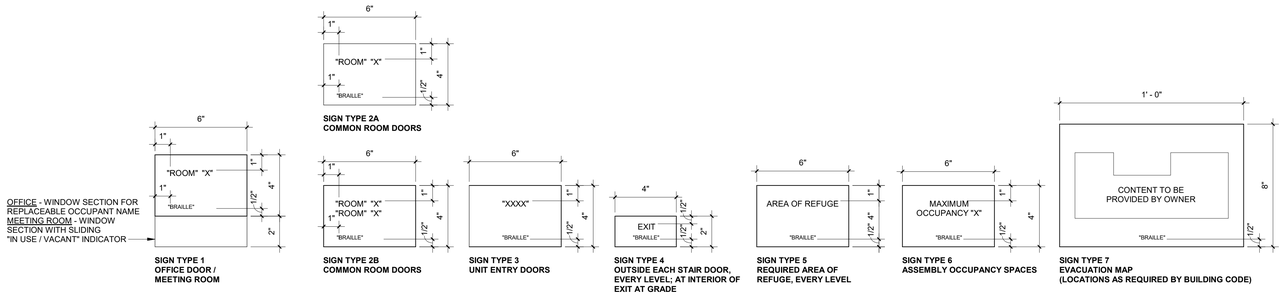


SIGN TYPE 1
OFFICE DOOR / MEETING ROOM

SIGN TYPE 2A
COMMON ROOM DOORS

SIGN TYPE 2B
COMMON ROOM DOORS

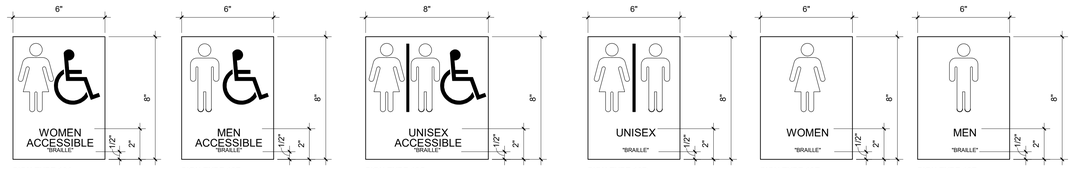
SIGN TYPE 3
UNIT ENTRY DOORS

SIGN TYPE 4
OUTSIDE EACH STAIR DOOR, EVERY LEVEL; AT INTERIOR OF EXIT AT GRADE

SIGN TYPE 5
REQUIRED AREA OF REFUGE, EVERY LEVEL

SIGN TYPE 6
ASSEMBLY OCCUPANCY SPACES

SIGN TYPE 7
EVACUATION MAP
(LOCATIONS AS REQUIRED BY BUILDING CODE)



SIGN TYPE 10A
PUBLIC TOILET ROOMS

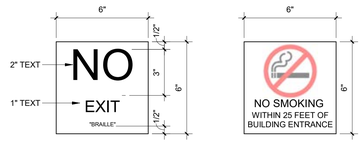
SIGN TYPE 10B
PUBLIC TOILET ROOMS (ACCESSIBLE)

SIGN TYPE 10C
PUBLIC TOILET ROOMS (ACCESSIBLE)

SIGN TYPE 10D
PUBLIC TOILET ROOMS

SIGN TYPE 10E
PUBLIC TOILET ROOMS

SIGN TYPE 10F
PUBLIC TOILET ROOMS



SIGN TYPE 13
ANY LOCATION ADJACENT TO THE REQUIRED MEANS OF EGRESS THAT COULD BE MISTAKEN FOR AN EGRESS DOOR

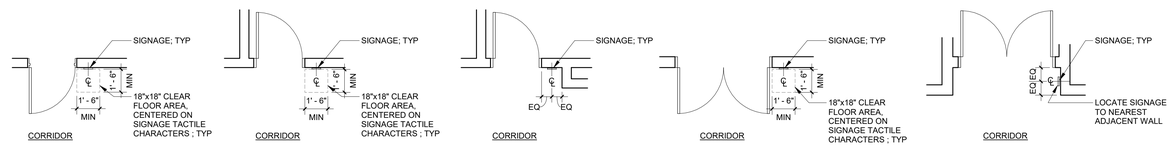
SIGN TYPE 14A
EVERY BUILDING ENTRANCE, EXIT

ALL SIGNAGE BY OWNER

GENERAL NOTES

1. ALL SIGNAGE SHALL CONFORM TO:
   - ANSI A117.1, CHAPTER 7
   - INTERNATIONAL BUILDING CODE, CHAPTER 11
   - ADA ACCESSIBILITY GUIDELINES, 4.30 SIGNAGE
2. INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGNAGE SHALL BE LOCATED:
   - AT EACH REQUIRED ACCESSIBLE PUBLIC ENTRANCE
   - AT EACH REQUIRED ACCESSIBLE TOILET / BATHING FACILITY
3. MOUNT SIGNAGE AT 48" AFF, MEASURED TO THE BOTTOM OF THE BRAILLE UON
4. MOUNT SIGNAGE ON THE LATCH SIDE OF DOOR; WHEN THERE IS NO WALL SPACE ON THE LATCH SIDE OF A SINGLE DOOR, OR THE RIGHT SIDE OF DOUBLE DOoRS, SIGNAGE SHALL BE LOCATED ON THE NEAREST ADJACENT WALL
5. ALL CHARACTERS TO BE RAISED, MIN 1/32". ALL TEXT AND GRAPHICS TO BE CENTERED HORIZONTALLY IN SIGNAGE UON
6. CONTRACTOR SHALL CONFIRM ALL SIGNAGE LOCATIONS AND TYPES WITH CLIENT
7. FONT: TBD, 5/8" UON
8. WHEN SIGNAGE IS MOUNTED TO GLASS, A FLAT BACK PLATE WITH ADHESIVE SHALL BE PROVIDED ON THE OTHER SIDE OF THE GLASS; TYP UON

SIGNAGE TYPES
3" = 1'-0"



SIGNAGE AT TYPICAL PULL SIDE DOOR

SIGNAGE AT TYPICAL PUSH SIDE DOOR

SIGNAGE AT DOOR W/ LATCH SIDE OBSTRUCTION

SIGNAGE AT TYPICAL DOUBLE DOOR

SIGNAGE AT RECESSED DOUBLE DOOR WITHOUT SPACE AT RIGHT HAND DOOR

SIGNAGE - INTERIOR LOCATIONS
1/4" = 1'-0"

10/31/2023 5:34:18 PM

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BLACKNEY HAYES ARCHITECTS

phone: 215.829.0922 x###
CONTACT PERSON: PM Name

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Sheet Title:
SIGNAGE

Seal

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