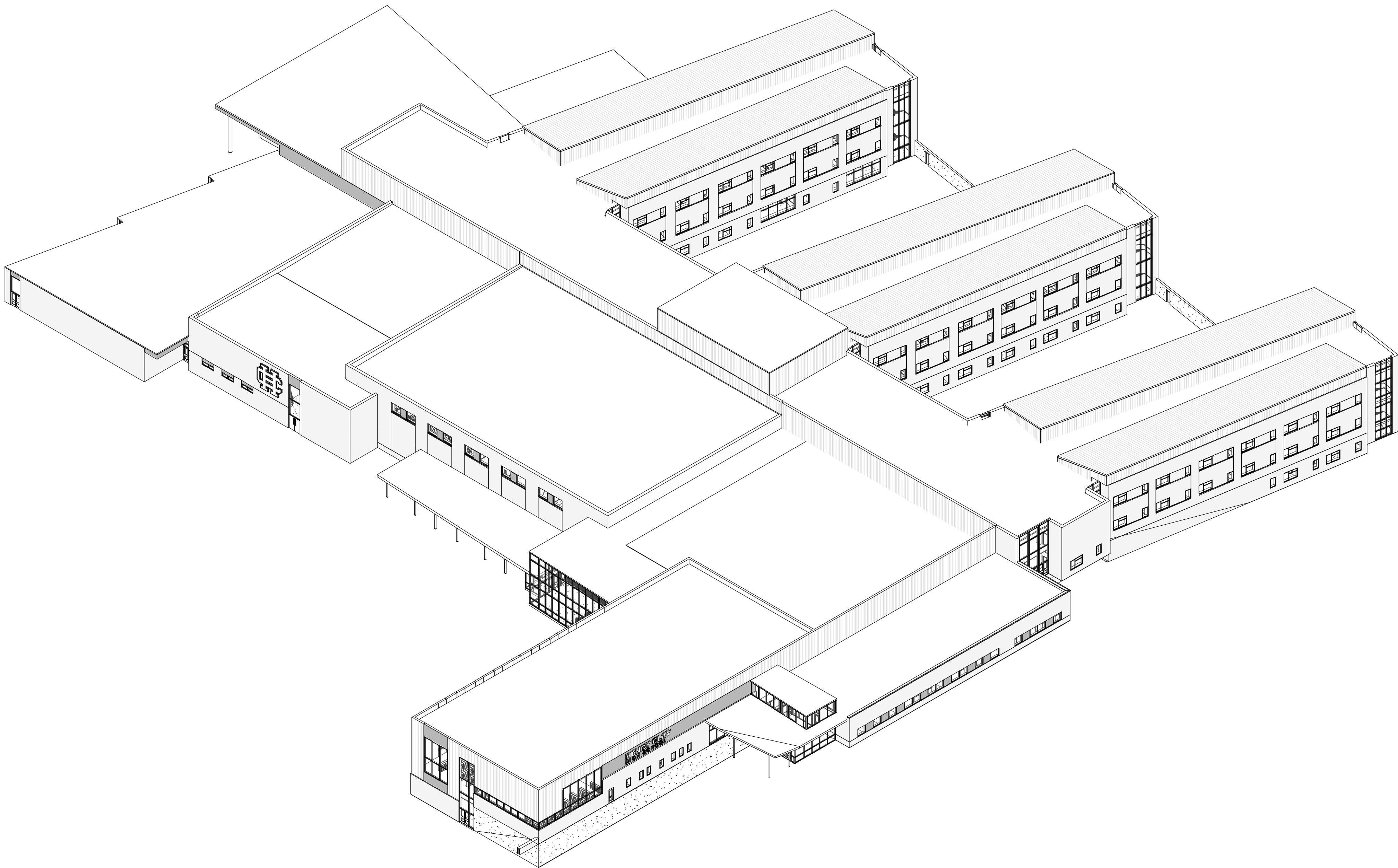


# FAYETTE COUNTY PUBLIC SCHOOLS

# NEW HENRY CLAY HIGH SCHOOL

2100 Fontaine Road  
Lexington, KY 40502

DESIGN DEVELOPMENT  
September 13, 2024



DESIGN TEAM

ARCHITECTURAL: TATE HILL JACOBS ARCHITECTS  
CIVIL / LANDSCAPE: CARMAN  
MECHANICAL: CMTA, INC  
STRUCTURAL: POAGE ENGINEERS & ASSOC., INC  
FOOD SERVICE: JOBY SMITH & ASSOC., INC

KY DEPT OF EDUCATION

PROJECT: BG# 24-279

SCHOOL BOARD DIRECTORS

MARILYN CLARK  
TYLER MURPHY, CHAIR  
JASON MOORE  
AMANDA FERGUSON  
AMY GREEN, VICE CHAIR

Seal

tate hill jacobson  
ARCHITECTS

446 East High Street  
Suite 250  
Lexington, KY 40507  
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COVER SHEET

FAYETTE COUNTY PUBLIC SCHOOLS  
NEW HENRY CLAY HIGH SCHOOL  
2100 Fontaine Road  
Lexington, KY 40502

Keyplan

BCE Approval Stamp

Sheet Information  
PROJECT #: 2315  
KDE BG #: BG-24-279  
DATE: 09/13/24  
PHASE: DESIGN DEVELOPMENT

G-000

## GENERAL

## LIFE SAFETY

SITE

C0.0  
C1.0

S-100	KEY PLAN - FOUNDATION PLAN - LEVEL 0
S-101	KEY PLAN - FOUNDATION & FLOOR FRAMING PLAN - LEVEL 1
S-102	KEY PLAN - FLOOR FRAMING PLAN - LEVEL 2
S-103	KEY PLAN - FLOOR FRAMING PLAN

A-100	ARCHITECTURAL SITE PLAN
A-100	OVERALL FLOOR PLAN - LEVEL 0
A-101	OVERALL FLOOR PLAN - LEVEL 1
A-102	OVERALL FLOOR PLAN - LEVEL 2
A-103	OVERALL FLOOR PLAN - LEVEL 3
A-110	ROOF PLAN
A-120	LEVEL 0 FLOOR PLAN - AREA A
A-121	LEVEL 0 FLOOR PLAN - AREA B
A-122	LEVEL 1 FLOOR PLAN - AREA A
A-123	LEVEL 1 FLOOR PLAN - AREA D
A-124	LEVEL 0 FLOOR PLAN - AREA B
A-125	LEVEL 0 FLOOR PLAN - AREA F
A-126	LEVEL 1 FLOOR PLAN - AREA G
A-127	LEVEL 0 FLOOR PLAN - AREA G
A-130	FIELDHOUSE & DOUGLITS
A-131	LEVEL 1 FLOOR PLAN - AREA A
A-132	LEVEL 1 FLOOR PLAN - AREA B
A-133	LEVEL 1 FLOOR PLAN - AREA D
A-134	LEVEL 1 FLOOR PLAN - AREA B
A-135	LEVEL 1 FLOOR PLAN - AREA F
A-136	LEVEL 1 FLOOR PLAN - AREA G
A-140	LEVEL 2 FLOOR PLAN - AREA A
A-141	LEVEL 2 FLOOR PLAN - AREA B
A-142	LEVEL 2 FLOOR PLAN - AREA D
A-143	LEVEL 2 FLOOR PLAN - AREA B
A-144	LEVEL 2 FLOOR PLAN - AREA F
A-145	LEVEL 2 FLOOR PLAN - AREA G
A-146	LEVEL 2 FLOOR PLAN - AREA G
A-200	OVERALL ELEVATIONS
A-200	OVERALL BUILDING SECTIONS
A-310	BUILDING SECTIONS
A-410	ENLARGED FLOOR PLANS AND ELEVATIONS
A-411	ENLARGED FLOOR PLANS AND ELEVATIONS
A-412	FMD
A-413	ENLARGED FLOOR PLANS AND ELEVATIONS
A-414	FINE ARTS
A-415	ENLARGED FLOOR PLANS AND ELEVATIONS
A-416	THEATRE
A-417	ENLARGED FLOOR PLANS AND ELEVATIONS
A-418	MUSIC
A-419	ENLARGED FLOOR PLANS AND ELEVATIONS
A-420	KITCHEN & CAFETERIA
A-421	ENLARGED FLOOR PLANS AND ELEVATIONS
A-422	GYMNASIUM, ATHLETICS, CONFESSIONS
A-423	ENLARGED FLOOR PLANS AND ELEVATIONS
A-424	CTC
A-425	ENLARGED FLOOR PLANS AND ELEVATIONS
A-426	ENLARGED FLOOR PLANS AND ELEVATIONS
A-427	ADMIN
A-428	ENLARGED FLOOR PLANS AND ELEVATIONS
A-429	ADMIN
A-430	ENLARGED FLOOR PLANS AND ELEVATIONS
A-431	YOUTH CENTER
A-432	ENLARGED FLOOR PLANS AND ELEVATIONS
A-433	MEDIA CENTER
A-434	ENLARGED FLOOR PLANS AND ELEVATIONS
A-435	Y&M CLINIC
A-436	ENLARGED FLOOR PLANS AND ELEVATIONS
A-437	SCIENCE
A-438	3D ANATOMY VIEWS

F-000 FIRE PROTECTION LEGEND  
F-121 LEVEL 0 FIRE PROTECTION - AREA B

P-000 PLUMBING LEGEND

P-110 UNDERLAYS PLUMBING PLAN - AREA A

P-111 UNDERLAYS PLUMBING PLAN - AREA B

P-112 UNDERLAYS PLUMBING PLAN - AREA C

P-113 UNDERLAYS PLUMBING PLAN - AREA D

P-114 UNDERLAYS PLUMBING PLAN - AREA E

P-115 UNDERLAYS PLUMBING PLAN - AREA F

P-116 UNDERLAYS PLUMBING PLAN - AREA G

P-120 LEVEL 0 PLUMBING PLAN - AREA A

P-121 LEVEL 0 PLUMBING PLAN - AREA B

P-122 LEVEL 0 PLUMBING PLAN - AREA C

P-123 LEVEL 0 PLUMBING PLAN - AREA D

P-124 LEVEL 0 PLUMBING PLAN - AREA E

P-125 LEVEL 0 PLUMBING PLAN - AREA F

P-126 LEVEL 0 PLUMBING PLAN - AREA G

P-130 LEVEL 1 PLUMBING PLAN - AREA A

P-131 LEVEL 1 PLUMBING PLAN - AREA B

P-132 LEVEL 1 PLUMBING PLAN - AREA C

P-133 LEVEL 1 PLUMBING PLAN - AREA D

P-134 LEVEL 1 PLUMBING PLAN - AREA E

P-135 LEVEL 1 PLUMBING PLAN - AREA F

P-136 LEVEL 1 PLUMBING PLAN - AREA G

P-140 LEVEL 2 PLUMBING PLAN - AREA A

P-141 LEVEL 2 PLUMBING PLAN - AREA B

P-142 LEVEL 2 PLUMBING PLAN - AREA C

P-143 LEVEL 2 PLUMBING PLAN - AREA D

P-144 LEVEL 2 PLUMBING PLAN - AREA E

P-145 LEVEL 2 PLUMBING PLAN - AREA F

P-146 LEVEL 2 PLUMBING PLAN - AREA G

P-200 ENLARGED MECHANICAL ROOMS

P-221 LEVEL 0 ENLARGED TOILET ROOMS

P-222 LEVEL 1 ENLARGED TOILET ROOMS

P-223 LEVEL 2 ENLARGED TOILET ROOMS

P-230 LEVEL 0 ENLARGED MECHANICAL ROOMS

P-300 PLUMBING DETAILS

P-301 PLUMBING DETAILS

P-302 PLUMBING DETAILS

P-400 PLUMBING SCHEDULES

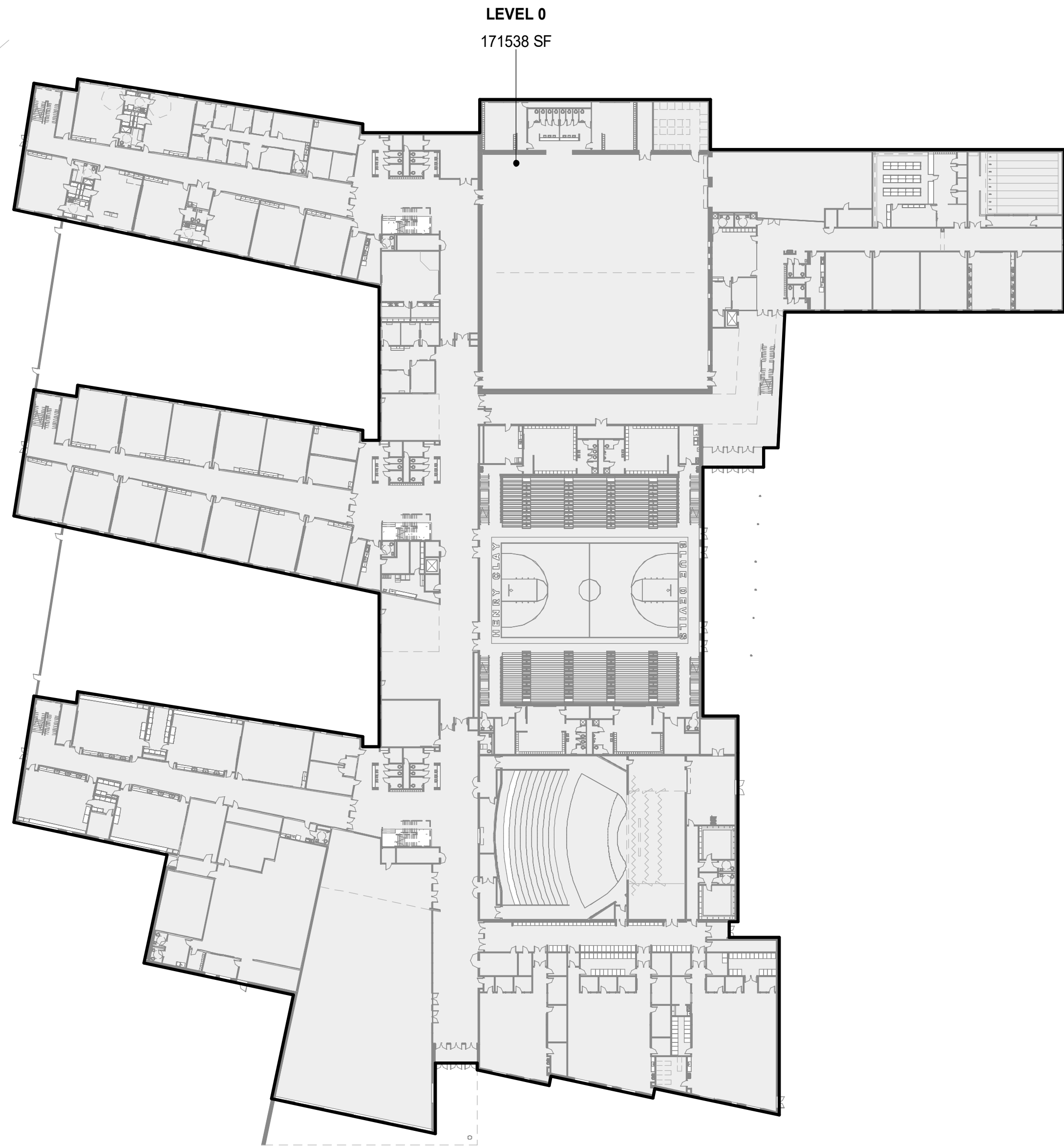
M-000	MECHANICAL SITE UTILITY NEW WORK PLAN
M-002	MECHANICAL LEGEND
M-120	LEVEL 0 AIR DISTRIBUTION PLAN - AREA A
M-121	LEVEL 0 AIR DISTRIBUTION PLAN - AREA B
M-122	LEVEL 0 AIR DISTRIBUTION PLAN - AREA C
M-123	LEVEL 0 AIR DISTRIBUTION PLAN - AREA D
M-124	LEVEL 0 AIR DISTRIBUTION PLAN - AREA E
M-125	LEVEL 0 AIR DISTRIBUTION PLAN - AREA F
M-126	LEVEL 0 AIR DISTRIBUTION PLAN - AREA G
M-330	LEVEL 1 ENLARGED MECHANICAL ROOMS
M-331	LEVEL 1 ENLARGED MECHANICAL ROOMS
M-332	LEVEL 1 ENLARGED MECHANICAL ROOMS
M-333	LEVEL 2 ENLARGED MECHANICAL ROOMS
M-334	LEVEL 2 ENLARGED MECHANICAL ROOMS
M-350	LEVEL 1 ENLARGED ADMIN ROOMS
M-700	MECHANICAL DETAILS
M-701	MECHANICAL DETAILS
M-702	MECHANICAL DETAILS
M-703	MECHANICAL DETAILS
M-704	MECHANICAL SCHEMATICS
M-705	MECHANICAL SCHEMATICS
M-800	MECHANICAL CONTROLS
M-801	MECHANICAL CONTROLS
M-802	MECHANICAL CONTROLS

[illegible]

FAYETTE COUNTY PUBLIC SCHOOLS  
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2100 Fontaine Road  
Lexington, KY 40502

BCE Approval Stamp

**G-001**



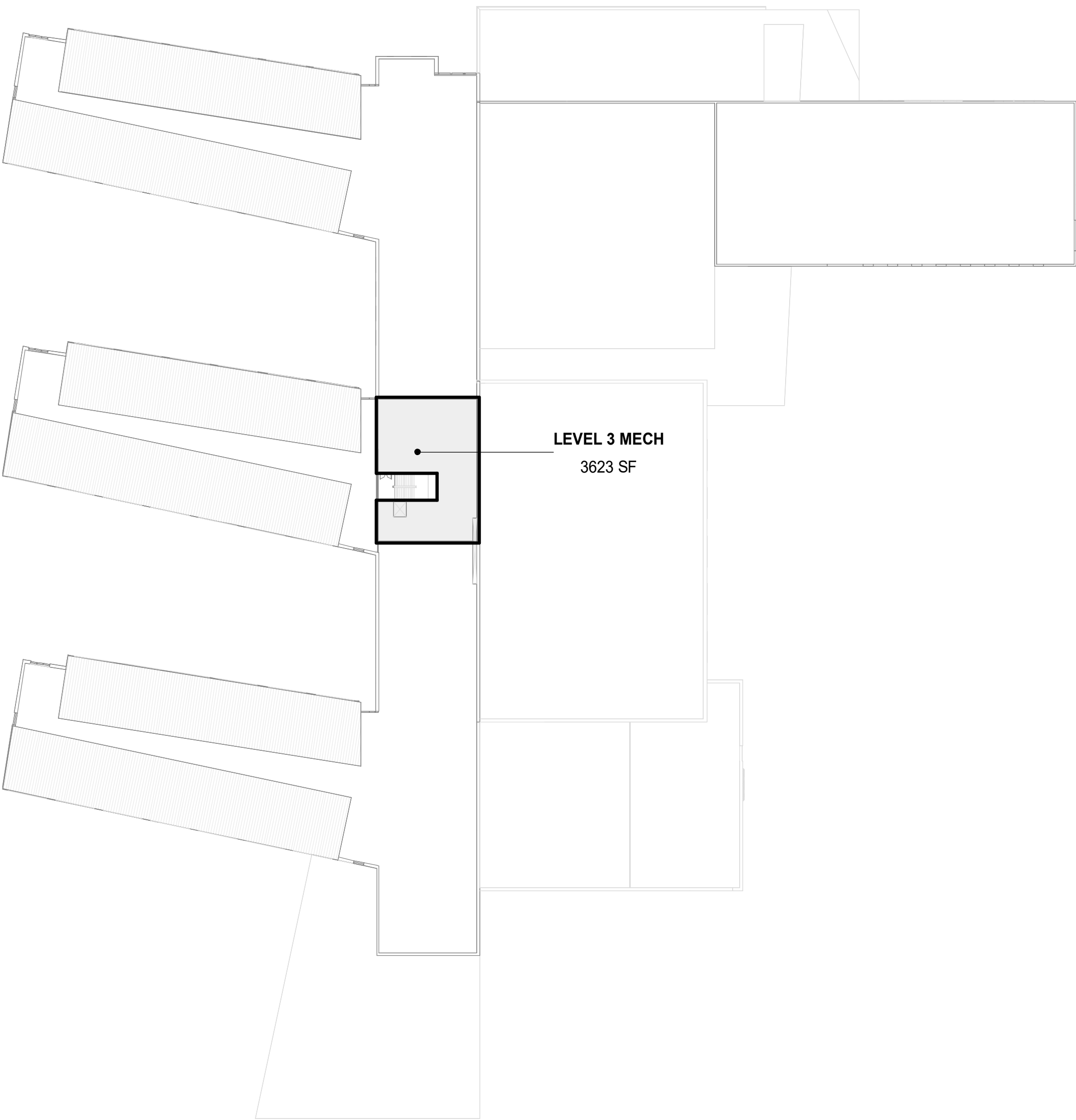
0 GROSS AREA PLAN - LEVEL 0  
1" = 50'-0"



1 GROSS AREA PLAN - LEVEL 1  
1" = 50'-0"



2 GROSS AREA PLAN - LEVEL 2  
1" = 50'-0"



3 GROSS AREA PLAN - LEVEL 3  
1" = 50'-0"

GROSS BUILDING AREA	
LEVEL	GROSS AREA (GSF)
LEVEL 0	17153.38 SF
LEVEL 1	10248.1 SF
LEVEL 2	7113.6 SF
LEVEL 3	3623.3 SF
TOTAL GROSS BLDG AREA	34877.8 SF

Seal

tate hill jacobson  
ARCHITECTS

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GROSS AREA PLANS

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LS-000



CODE CONTACT INFORMATION	APPLICABLE CODES	CODE COMPLIANCE DATA	GROSS AREA TOTALS	FIRE AREAS	PLUMBING CODE INFORMATION
<b>OWNER INFORMATION</b>  FAYETTE COUNTY PUBLIC SCHOOLS 450 PARK PLACE LEXINGTON, KENTUCKY 40511 (606) 381-4100  <b>AUTHORITY HAVING JURISDICTION</b>  KENTUCKY DEPARTMENT OF HOUSING, BUILDINGS & CONSTRUCTION 500 MERO STREET, FIRST FLOOR FRANKFORT, KY 40601 (502) 573-0395  <b>CODE OFFICIAL CONTACTS</b>  [TO BE UPDATED] [TO BE UPDATED]	<b>BUILDING:</b> 2018 KENTUCKY BUILDING CODE, THIRD EDITION (2015 IBC W/ KY AMENDMENTS) <b>FIRE:</b> 2015 INTERNATIONAL FIRE CODE <b>PLUMBING:</b> KENTUCKY STATE PLUMBING CODE <b>MECHANICAL:</b> KENTUCKY MECHANICAL CODE 2015, (IMC 2015 AMENDED) <b>ELECTRICAL:</b> 2017 NATIONAL ELECTRICAL CODE, NFPA 70, 2017 <b>ENERGY:</b> 2012 INTERNATIONAL ENERGY CONSERVATION CODE OF KENTUCKY, (IECC 2012 AMENDED) <b>ACCESSIBILITY:</b> 2009 ICC/ANSI A117.1 <b>NTL GAS:</b> 2012 NFPA 54 NATIONAL GAS CODE <b>NFPA:</b> 2013 NFPA 13 - INSTALLATION OF SPRINKLER SYSTEMS 2013 NFPA 13 - INSTALLATION OF STANDPIPE AND HOSE SYSTEMS 2013 NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE	<b>USE GROUP</b> E (EDUCATION) <b>CONSTRUCTION TYPE:</b> IIB, NON-COMBUSTIBLE, UNPROTECTED <b>SPRINKLERED:</b> YES, FULLY PER NFPA <b>NUMBER OF STORIES ABOVE GRADE PLANE:</b> AS ALLOWED BY CODE: 3 ACTUAL AS DESIGNED: 3 <b>BUILDING HEIGHT ABOVE GRADE PLANE:</b> AS ALLOWED BY CODE: 75' - 0" [UPDATE] ACTUAL AS DESIGNED: <b>AREA FACTOR INCREASE DUE TO FRONTAGE (506.3.3):</b> INCREASE FACTOR = (F/P - 0.25) W/30 INCREASE FACTOR FOR FULL FRONTAGE AT PERIMETER = 0.75 <b>ALLOWABLE AREA (SINGLE-OCCUPANCY MULTI-STORY BLDG 506.2.3):</b> ALLOWABLE BUILDING AREA: = $[43,500 + (14,500 \times 0.75)] \times 3$ = 163,125 SF <b>MAX ALLOWABLE AREA PER FLOOR:</b> = 163,125 SF / 3-STORIES = 54,375 SF <b>FIREWALL RATING:</b> 2 HR (GROUP E)	LEVEL 0 171,538 GSF LEVEL 1 102,461 GSF LEVEL 2 71,158 GSF TOTAL GROSS AREA 348,778 GSF	<b>FIRE AREA 1</b> ALLOWABLE AREA: 54,375 SF ACTUAL AREA: 23,580 SF <b>FIRE AREA 2</b> ALLOWABLE AREA: 54,375 SF ACTUAL AREA: 42,780 SF <b>FIRE AREA 3</b> ALLOWABLE AREA: 54,375 SF ACTUAL AREA: 44,840 SF <b>FIRE AREA 4</b> ALLOWABLE AREA: 54,375 SF ACTUAL AREA: 36,045 SF <b>FIRE AREA 5</b> ALLOWABLE AREA: 54,375 SF ACTUAL AREA: 25,790 SF	<b>SCHOOL POPULATION:</b> 2300 STUDENTS + 200 STAFF = 2500 PEOPLE (PPL) <b>LAVATORIES (LAV) - MALE</b> REQUIRED: 2 PER 50 + 1 FOR EACH 50 AFTERWARDS (1250 PPL - 50) / 50 = 24 LAV + 2 LAV = <u>26 LAV</u> DESIGNED COUNTS: (MAIN BLDG): 44 LAV (CONCESSION BLDG): 03 LAV <b>WATER CLOSETS (WC) - MALE</b> REQUIRED: 1 PER 25 + 1 FOR EACH 100 AFTERWARDS (1250 PPL - 25) / 100 = 12.25 WC + 1 WC = <u>13 WC</u> DESIGNED COUNTS: (MAIN BLDG): 48 WC (CONCESSION BLDG): 03 WC <b>URINALS</b> REQUIRED: 12 PER 500 + 1 FOR EACH 50 AFTERWARDS (1250 PPL - 500) / 50 = 15 WC + 12 WC = <u>27 URINALS</u> DESIGNED COUNTS: (MAIN BLDG): 27 URINALS (CONCESSION BLDG): 02 URINALS <b>LAVATORIES (LAV) - FEMALE</b> REQUIRED: 2 PER 50 + 1 FOR EACH 50 AFTERWARDS (1250 PPL - 50) / 50 = 24 LAV + 2 LAV = <u>26 LAV</u> DESIGNED COUNTS: (MAIN BLDG): 44 LAV (CONCESSION BLDG): 03 LAV <b>WATER CLOSETS (WC) - FEMALE</b> REQUIRED: 14 PER 500 + 1 FOR EACH 40 AFTERWARDS (1250 PPL - 500) / 40 = 18.75 WC + 14 WC = <u>33 WC</u> DESIGNED COUNTS: (MAIN BLDG): 56 WC (CONCESSION BLDG): 05 WC

LIFE SAFETY GENERAL NOTES

- PARTITION TYPES AND FIRE RESISTIVE RATINGS INDICATED ON A WALL ARE TO BE CONTINUOUS FOR THE LENGTH AND HEIGHT OF THE PARTITION.
- OPENINGS IN RATED WALL, FLOOR, CEILING, AND ROOF ASSEMBLIES SHALL BE SEALED WITH PENETRATION SEALANT SYSTEMS MEETING OR EXCEEDING THE REQUIRED FIRE RESISTIVE RATINGS.
- MAINTAIN THE FIRE RATING OF CONSTRUCTION AROUND CABINETS, PANELS, AND BOXES RECESSED IN FIRE RATED WALL, FLOOR, AND CEILING ASSEMBLIES.
- PROVIDE CONTINUOUS PERIMETER FIRE SAFING BETWEEN FLOORS AND COORDINATE THE INSTALLATION WITH THE EXTERIOR WALL. FIRE RATING OF SAFING SHALL MATCH FIRE RATING OF FLOOR CONSTRUCTION.
- PROVIDE PERMANENT MARKING/IDENTIFICATION OF ALL FIRE WALLS, BARRIERS, PARTITIONS, AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTIVE OPENINGS OR PENETRATIONS. MARKINGS SHALL COMPLY WITH KBC/IBC AND LOCAL AHJ DIRECTIVES AND SHALL OCCUR WITHIN THE UNSEALED SPACES OF THE WALLS IN LOCATIONS IDENTIFIED BY CODE/AHJ.

LEGEND

- 2 HR FIREWALL
- 2 HR RATED FIRE BARRIER
- 1 HR RATED FIRE BARRIER
- EGRESS TRAVEL DISTANCE
- OCCUPANT LOAD
- EMERGENCY EXIT
- INGRESS
- AUTOMATED EXTERNAL DEFIBRILLATOR CABINET
- FIRE EXTINGUISHER SEMI-RECESSED
- FIRE EXTINGUISHER WALL MOUNTED
- FIRE EXTINGUISHER WALL MOUNTED - TYPE C
- FIRE EXTINGUISHER WALL MOUNTED - TYPE K
- FIRE EXTINGUISHER SEMI-RECESSED - TYPE K



1 BUILDING SEPARATION DIAGRAM  
1/32" = 1'-0"

Seal

tate hill jacobson  
ARCHITECTS

446 East High Street  
Suite 250  
Lexington, KY 40507  
859.252.5994 Main  
www.thjarch.com

CODE ANALYSIS

FAYETTE COUNTY PUBLIC SCHOOLS  
NEW HENRY CLAY HIGH SCHOOL  
2100 Fontaine Road  
Lexington, KY 40502

Keyplan

BCE Approval Stamp

Sheet Information  
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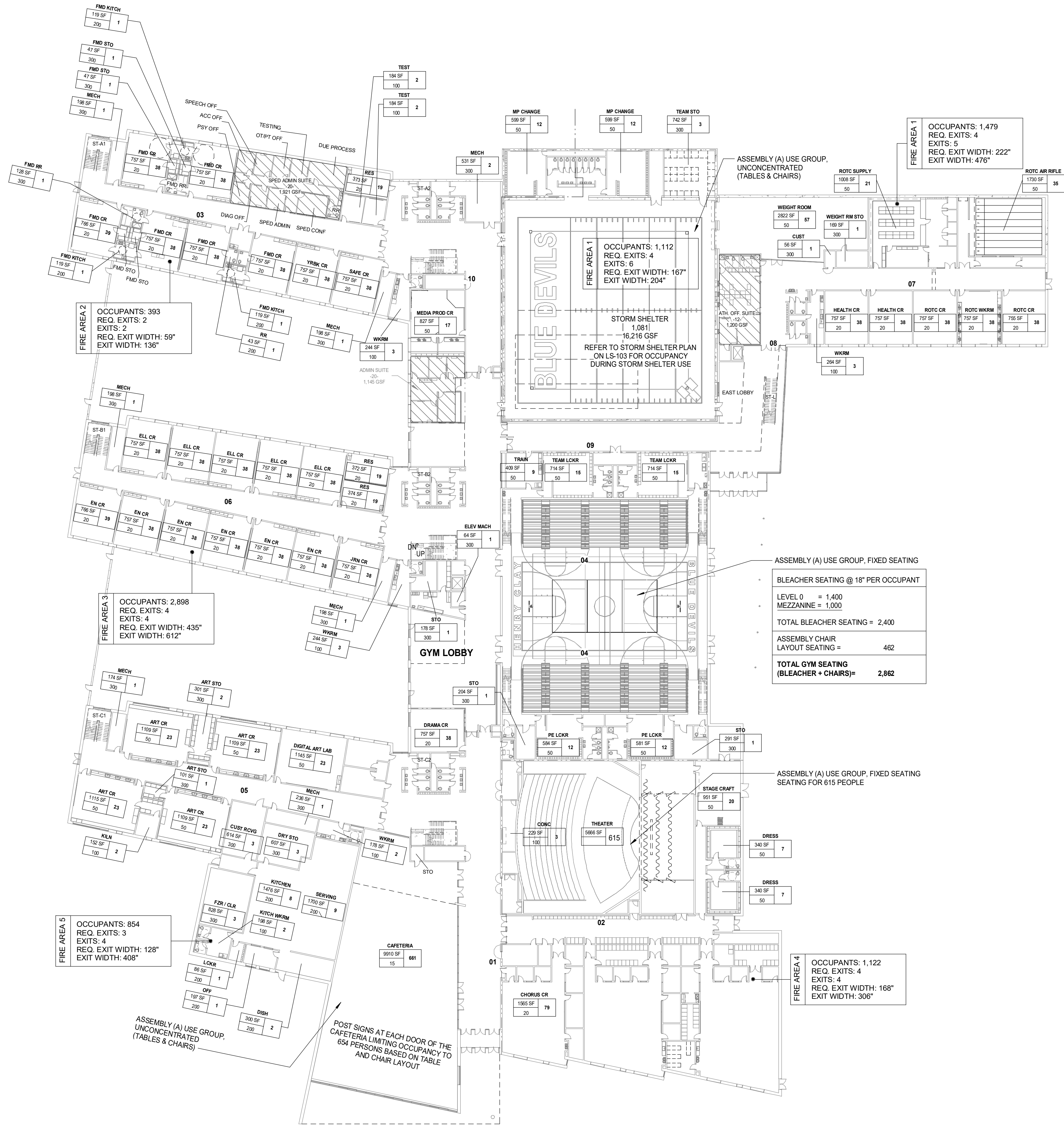
LS-001



MEANS OF EGRESS STAIR ANALYSIS			
STAIR	MAX. OCCUPANTS SERVING PER FLOOR	REQUIRED STAIR WIDTH	PROVIDED STAIR WIDTH
ST-A1	0	0	68"
ST-A2	0	0	68"
ST-B1	0	0	68"
ST-B2	0	0	68"
ST-C1	0	0	68"
ST-C2	0	0	68"
ST-L	182	37"	72"
M-1	194	39"	53"
M-2	194	39"	53"
M-3	194	39"	53"
M-4	194	39"	53"

MEANS OF EGRESS DATA	
NUMBER OF EXITS REQUIRED:	2 EXITS (50-500 OCCUPANTS) 3 EXITS (501-1000 OCCUPANTS) 4 EXITS (1001 OCCUPANTS AND GREATER)
COMMON PATH OF EGRESS TRAVEL:	75 FEET (GROUP E, SPRINKLERED) 30 FEET (ASSEMBLY WITH FIXED SEATING, SPRINKLERED)
EXIT ACCESS TRAVEL DISTANCE:	250 FEET (GROUP E, SPRINKLERED) 250 FEET (GROUP A, SPRINKLERED)
DEAD END CORRIDOR:	50 FEET (GROUP E SPRINKLERED) (OR 2.5 TIMES THE LEAST WIDTH)
EXIT DISCHARGE:	SHALL PROVIDE A DIRECT AND UNOBSTRUCTED ACCESS TO A PUBLIC WAY
MEANS OF EGRESS:	STAIRWAYS = 0.3 INCH PER OCCUPANT (0.2 INCH IF SPRINKLERED) ALL OTHER MEANS OF EGRESS COMPONENTS = 0.2 INCH PER OCCUPANT (0.15 IF SPRINKLERED)
STAIRWAYS:	44" MIN. CLEAR BETWEEN HANDRAILS (ACCESSIBLE, SPRINKLERED) 80" MIN. HEADROOM CLEARANCE

LIFE SAFETY GENERAL NOTES	
1.	PARTITION TYPES AND FIRE RESISTIVE RATINGS INDICATED ON A WALL ARE TO BE CONTINUOUS FOR THE LENGTH AND HEIGHT OF THE PARTITION.
2.	OPENINGS IN RATED WALL, FLOOR, CEILING, AND ROOF ASSEMBLIES SHALL BE SEALED WITH PENETRATION SEALANT SYSTEMS MEETING OR EXCEEDING THE REQUIRED FIRE RESISTIVE RATINGS.
3.	MAINTAIN THE FIRE RATING OF CONSTRUCTION AROUND CABINETS, PANELS, AND BOXES RECESSED IN FIRE RATED WALL, FLOOR, AND CEILING ASSEMBLIES.
4.	PROVIDE CONTINUOUS PERIMETER FIRE SAFING BETWEEN FLOORS AND COORDINATE THE INSTALLATION WITH THE EXTERIOR WALL. FIRE RATING OF SAFING SHALL MATCH FIRE RATING OF FLOOR CONSTRUCTION.
5.	PROVIDE PERMANENT MARKING/IDENTIFICATION OF ALL FIRE WALLS, BARRIERS, PARTITIONS, AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTIVE OPENINGS OR PENETRATIONS. MARKINGS SHALL COMPLY WITH KBC/IBC AND LOCAL AHJ DIRECTIVES AND SHALL OCCUR WITHIN THE UNSEALED SPACES OF THE WALLS IN LOCATIONS IDENTIFIED BY CODE/AHJ.



LEGEND	
	2 HR FIREWALL
	2 HR RATED FIRE BARRIER
	1 HR RATED FIRE BARRIER
	EGRESS TRAVEL DISTANCE
	OCCUPANT LOAD
	EXIT
	EMERGENCY EXIT
	INGRESS
	AUTOMATED EXTERNAL DEFIBRILLATOR CABINET
	FIRE EXTINGUISHER SEMI-RECESSED
	FIRE EXTINGUISHER WALL MOUNTED
	FIRE EXTINGUISHER WALL MOUNTED - TYPE C
	FIRE EXTINGUISHER WALL MOUNTED - TYPE K
	FIRE EXTINGUISHER SEMI-RECESSED - TYPE K

PATH OF TRAVEL SCHEDULE		
Comments	Path of Egress	Family

1 EGRESS PLAN - LEVEL 0  
1/32" = 1'-0"

Seal

tate hill jacobson  
ARCHITECTS

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EGRESS PLAN - LEVEL 0

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Keyplan

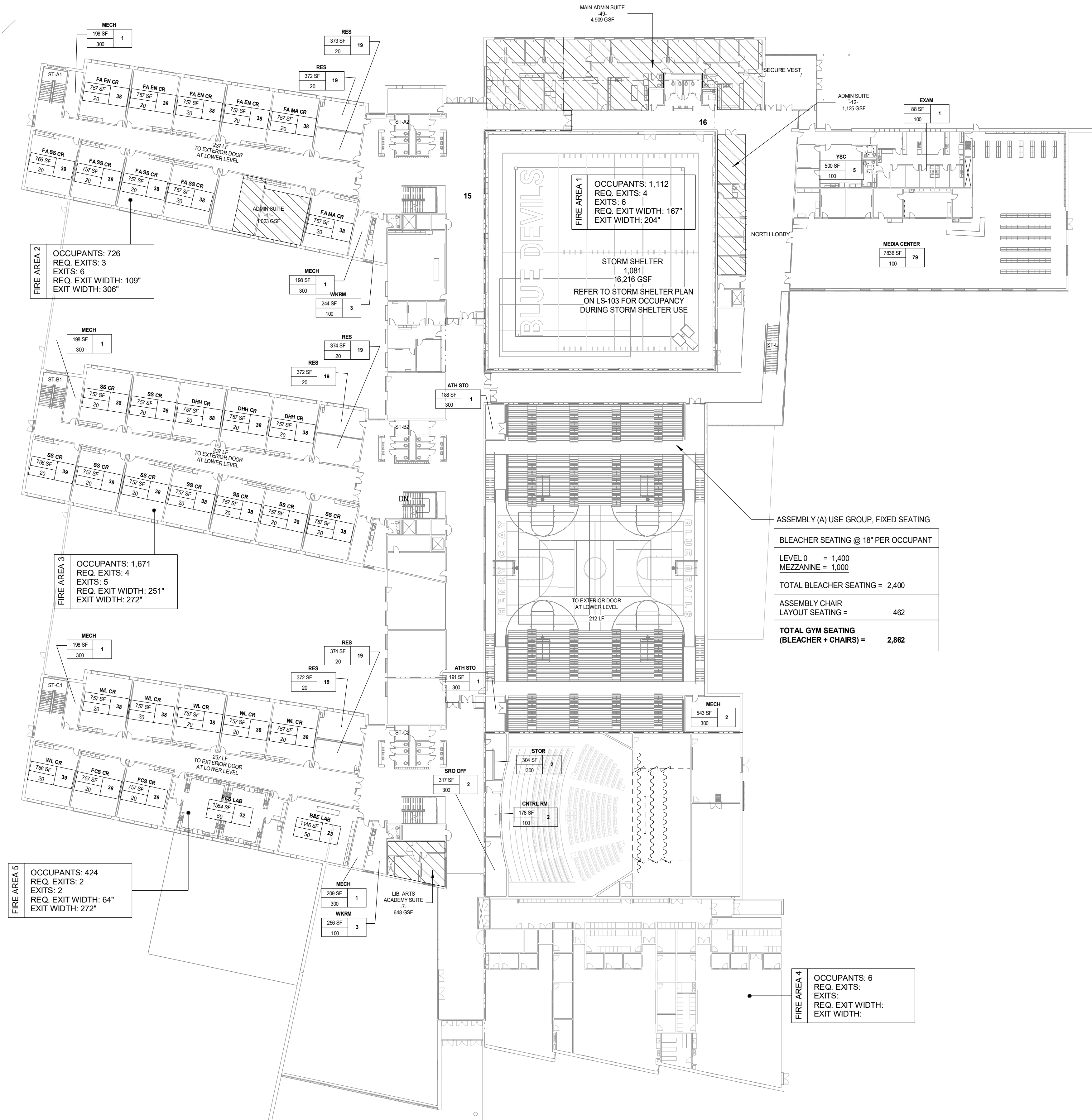
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Sheet Information	
PROJECT #:	2315
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LS-100

MEANS OF EGRESS STAIR ANALYSIS			
STAIR	MAX. OCCUPANTS SERVING PER FLOOR	REQUIRED STAIR WIDTH	PROVIDED STAIR WIDTH
ST-A1	0	0	68"
ST-A2	0	0	68"
ST-B1	0	0	68"
ST-B2	0	0	68"
ST-C1	0	0	68"
ST-C2	0	0	68"
ST-L	182	37"	72"
M-1	194	39"	53"
M-2	194	39"	53"
M-3	194	39"	53"
M-4	194	39"	53"

MEANS OF EGRESS DATA		LIFE SAFETY GENERAL NOTES
NUMBER OF EXITS REQUIRED:	2 EXITS (50-500 OCCUPANTS) 3 EXITS (501-1000 OCCUPANTS) 4 EXITS (1001 OCCUPANTS AND GREATER)	1. PARTITION TYPES AND FIRE RESISTIVE RATINGS INDICATED ON A WALL ARE TO BE CONTINUOUS FOR THE LENGTH AND HEIGHT OF THE PARTITION.
COMMON PATH OF EGRESS TRAVEL:	75 FEET (GROUP E, SPRINKLERED) 30 FEET (ASSEMBLY WITH FIXED SEATING, SPRINKLERED)	2. OPENINGS IN RATED WALL, FLOOR, CEILING, AND ROOF ASSEMBLIES SHALL BE SEALED WITH PENETRATION SEALANT SYSTEMS MEETING OR EXCEEDING THE REQUIRED FIRE RESISTIVE RATINGS.
EXIT ACCESS TRAVEL DISTANCE:	250 FEET (GROUP E, SPRINKLERED) 250 FEET (GROUP A, SPRINKLERED)	3. MAINTAIN THE FIRE RATING OF CONSTRUCTION AROUND CABINETS, PANELS, AND BOXES RECESSED IN FIRE RATED WALL, FLOOR, AND CEILING ASSEMBLIES.
DEAD END CORRIDOR:	50 FEET (GROUP E SPRINKLERED) (OR 2.5 TIMES THE LEAST WIDTH)	4. PROVIDE CONTINUOUS PERIMETER FIRE SAFING BETWEEN FLOORS AND COORDINATE THE INSTALLATION WITH THE EXTERIOR WALL. FIRE RATING OF SAFING SHALL MATCH FIRE RATING OF FLOOR CONSTRUCTION.
EXIT DISCHARGE:	SHALL PROVIDE A DIRECT AND UNOBSTRUCTED ACCESS TO A PUBLIC WAY	5. PROVIDE PERMANENT MARKING/IDENTIFICATION OF ALL FIRE WALLS, BARRIERS, PARTITIONS, AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTIVE OPENINGS OR PENETRATIONS. MARKINGS SHALL COMPLY WITH KBC/IBC AND LOCAL AHJ DIRECTIVES AND SHALL OCCUR WITHIN THE UNSEALED SPACES OF THE WALLS IN LOCATIONS IDENTIFIED BY CODE/AHJ.
MEANS OF EGRESS:	STAIRWAYS = 0.3 INCH PER OCCUPANT (0.2 INCH IF SPRINKLERED) ALL OTHER MEANS OF EGRESS COMPONENTS = 0.2 INCH PER OCCUPANT (0.15 IF SPRINKLERED)	
STAIRWAYS:	44" MIN. CLEAR BETWEEN HANDRAILS (ACCESSIBLE, SPRINKLERED) 80" MIN. HEADROOM CLEARANCE	



LEGEND	
	2 HR FIREWALL
	2 HR RATED FIRE BARRIER
	1 HR RATED FIRE BARRIER
	EGRESS TRAVEL DISTANCE
	OCCUPANT LOAD
	EXIT
	EMERGENCY EXIT
	INGRESS
	AUTOMATED EXTERNAL DEFIBRILLATOR CABINET
	FIRE EXTINGUISHER SEMI-RECESSED
	FIRE EXTINGUISHER WALL MOUNTED
	FIRE EXTINGUISHER WALL MOUNTED - TYPE C
	FIRE EXTINGUISHER WALL MOUNTED - TYPE K
	FIRE EXTINGUISHER SEMI-RECESSED - TYPE K

PATH OF TRAVEL SCHEDULE		
Comments	Path of Egress	Family

1 EGRESS PLAN - LEVEL 1  
1/32" = 1'-0"

Seal

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EGRESS PLAN - LEVEL 1

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LS-101

MEANS OF EGRESS STAIR ANALYSIS			
STAIR	MAX. OCCUPANTS SERVING PER FLOOR	REQUIRED STAIR WIDTH	PROVIDED STAIR WIDTH
ST-A1	0	0	68"
ST-A2	0	0	68"
ST-B1	0	0	68"
ST-B2	0	0	68"
ST-C1	0	0	68"
ST-C2	0	0	68"
ST-L	182	37"	72"
M-1	194	39"	53"
M-2	194	39"	53"
M-3	194	39"	53"
M-4	194	39"	53"

MEANS OF EGRESS DATA		LIFE SAFETY GENERAL NOTES
NUMBER OF EXITS REQUIRED:	2 EXITS (50-500 OCCUPANTS) 3 EXITS (501-1000 OCCUPANTS) 4 EXITS (1001 OCCUPANTS AND GREATER)	1. PARTITION TYPES AND FIRE RESISTIVE RATINGS INDICATED ON A WALL ARE TO BE CONTINUOUS FOR THE LENGTH AND HEIGHT OF THE PARTITION.
COMMON PATH OF EGRESS TRAVEL:	75 FEET (GROUP E, SPRINKLERED) 30 FEET (ASSEMBLY WITH FIXED SEATING, SPRINKLERED)	2. OPENINGS IN RATED WALL, FLOOR, CEILING, AND ROOF ASSEMBLIES SHALL BE SEALED WITH PENETRATION SEALANT SYSTEMS MEETING OR EXCEEDING THE REQUIRED FIRE RESISTIVE RATINGS.
EXIT ACCESS TRAVEL DISTANCE:	250 FEET (GROUP E, SPRINKLERED) 250 FEET (GROUP A, SPRINKLERED)	3. MAINTAIN THE FIRE RATING OF CONSTRUCTION AROUND CABINETS, PANELS, AND BOXES RECESSED IN FIRE RATED WALL, FLOOR, AND CEILING ASSEMBLIES.
DEAD END CORRIDOR:	50 FEET (GROUP E SPRINKLERED) (OR 2.5 TIMES THE LEAST WIDTH)	4. PROVIDE CONTINUOUS PERIMETER FIRE SAFING BETWEEN FLOORS AND COORDINATE THE INSTALLATION WITH THE EXTERIOR WALL. FIRE RATING OF SAFING SHALL MATCH FIRE RATING OF FLOOR CONSTRUCTION.
EXIT DISCHARGE:	SHALL PROVIDE A DIRECT AND UNOBSTRUCTED ACCESS TO A PUBLIC WAY	5. PROVIDE PERMANENT MARKING/IDENTIFICATION OF ALL FIRE WALLS, BARRIERS, PARTITIONS, AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTIVE OPENINGS OR PENETRATIONS. MARKINGS SHALL COMPLY WITH KBC/IBC AND LOCAL AHJ DIRECTIVES AND SHALL OCCUR WITHIN THE UNSEALED SPACES OF THE WALLS IN LOCATIONS IDENTIFIED BY CODE/AHJ.
MEANS OF EGRESS:	STAIRWAYS = 0.3 INCH PER OCCUPANT (0.2 INCH IF SPRINKLERED) ALL OTHER MEANS OF EGRESS COMPONENTS = 0.2 INCH PER OCCUPANT (0.15 IF SPRINKLERED)	
STAIRWAYS:	44" MIN. CLEAR BETWEEN HANDRAILS (ACCESSIBLE, SPRINKLERED) 80" MIN. HEADROOM CLEARANCE	



1 EGRESS PLAN - LEVEL 2  
1/32" = 1'-0"

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EGRESS PLAN - LEVEL 2

FAYETTE COUNTY PUBLIC SCHOOLS  
NEW HENRY CLAY HIGH SCHOOL  
2100 Fontaine Road  
Lexington, KY 40502

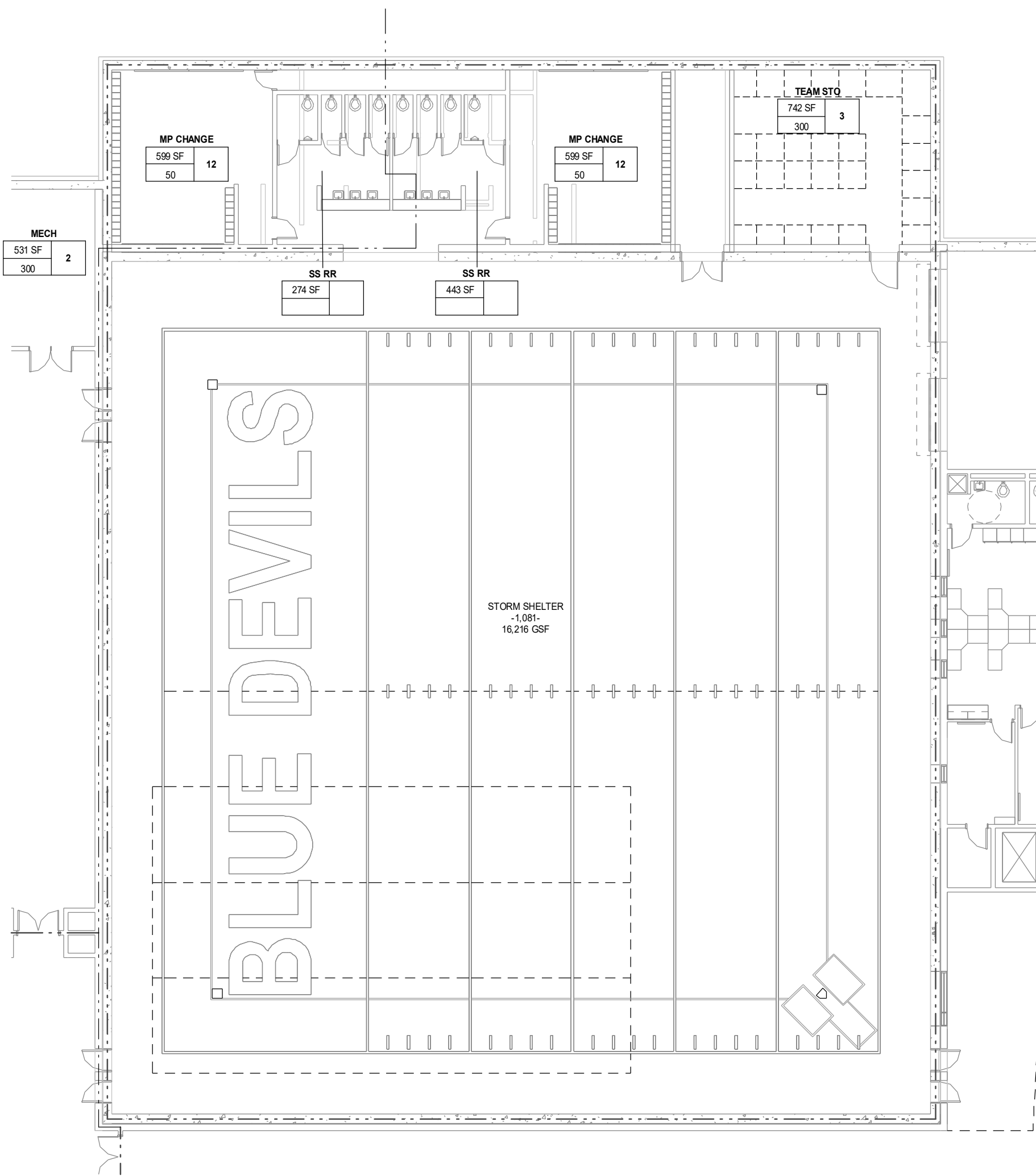
Keyplan

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DATE: 09/13/24  
PHASE: DESIGN DEVELOPMENT

LS-102





1 STORM SHELTER PLAN  
1/16" = 1'-0"

LEGEND	
-----	2 HR FIREWALL
-----	2 HR RATED FIRE BARRIER
-----	1 HR RATED FIRE BARRIER
-----	EGRESS TRAVEL DISTANCE
-36-	OCCUPANT LOAD
EXIT	EMERGENCY EXIT
▲	INGRESS
■	AUTOMATED EXTERNAL DEFIBRILLATOR CABINET
●	FIRE EXTINGUISHER SEMI-RECESSED
○	FIRE EXTINGUISHER WALL MOUNTED
○	FIRE EXTINGUISHER WALL MOUNTED - TYPE C
○	FIRE EXTINGUISHER WALL MOUNTED - TYPE K
●	FIRE EXTINGUISHER SEMI-RECESSED - TYPE K

SHEET TAG NOTES LS-103	
SHEET NOTES:	
1.	PROVIDE SHELTER SIGNAGE AS REQUIRED BY ICC500 SECTION 108, SECTION 504, ALL LOCAL BUILDING CODES AND SPECIFICATION SECTION.
2.	PROVIDE WALL MOUNTED FIRE EXTINGUISHER PER ICC500 AND NFPA GUIDELINES.
3.	PROVIDE A WALL MOUNTED FIRST AID KIT AS REQUIRED BY ICC500.
4.	PROVIDED 4" WIDE PAINTED FLOOR STRIPING @ 12" O.C. TO MARK BOUNDARY BETWEEN PROTECTED OCCUPANT AREA AND UNPROTECTED OCCUPANT AREA @ ENTRY BAFFLE. REFER TO DETAILS ON THIS SHEET.
5.	PROVIDE PAINT FINISH SYSTEM PER SPECIFICATIONS FOR ENTIRE ENTRY WALLS AT SHELTER FOR FULL EXTENTS OF THE WALL.
6.	PROVIDE EXIT WARNING SIGNS DENOTING PASSAGE FROM PROTECTED AREAS TYPICAL @ ENTRANCES AND EXITS TO SHELTERS.

STORM SHELTER GENERAL NOTES	
1.	REFER TO STRUCTURAL DRAWINGS FOR TYPICAL DETAILS ON PENETRATIONS. COORDINATE WITH MEP AND FIRE PROTECTION FOR LOCATION AND SIZES.
2.	SEE STRUCTURAL ##### FOR QUALITY ASSURANCE PLAN.

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STORM SHELTER PLAN

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Lexington, KY 40502

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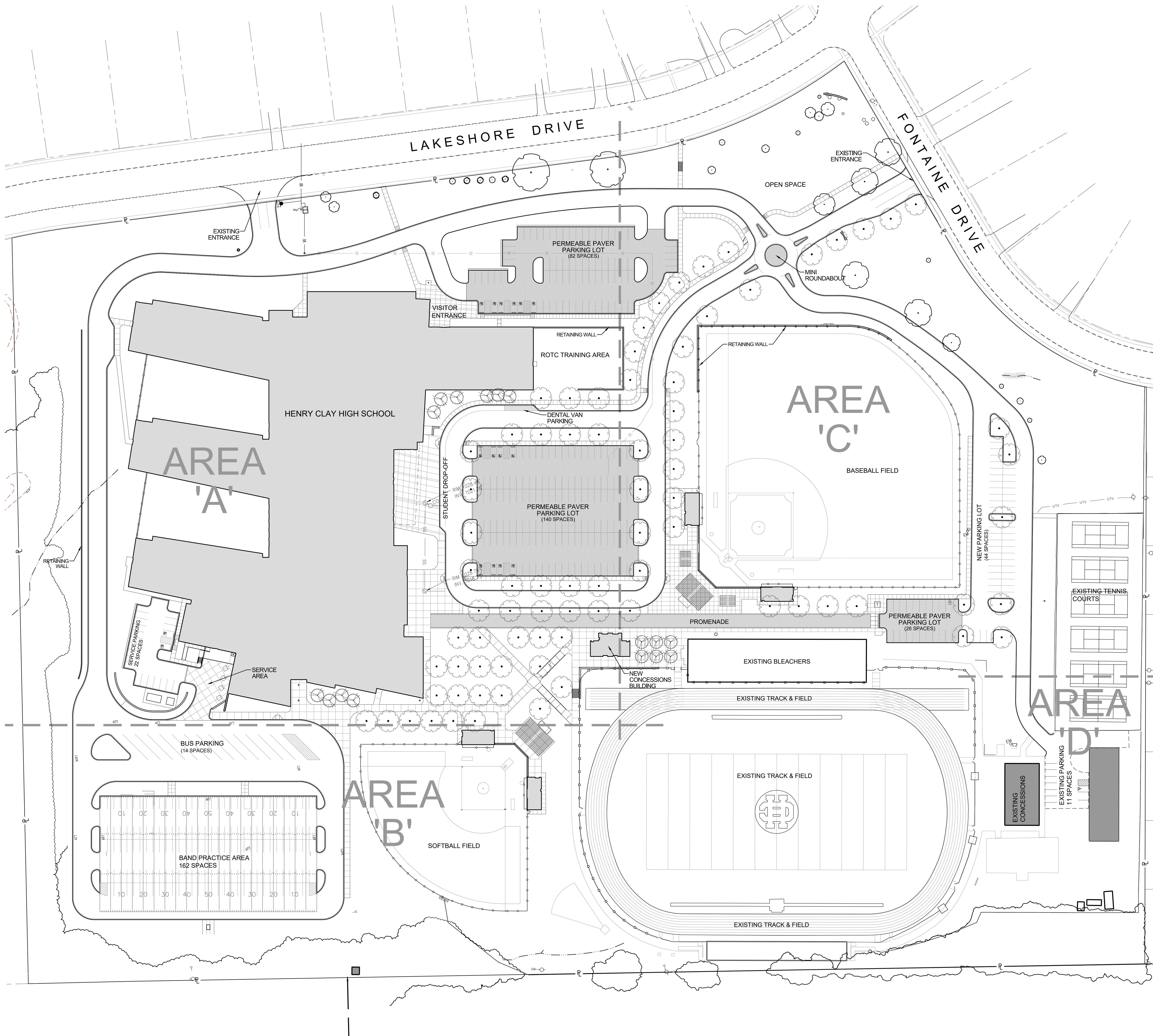
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EXISTING PARKING:	11 SPACES
PROPOSED SPACES:	476 SPACES
TOTAL PARKING:	487 SPACES

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## OVERALL SITE ORIENTATION PLAN

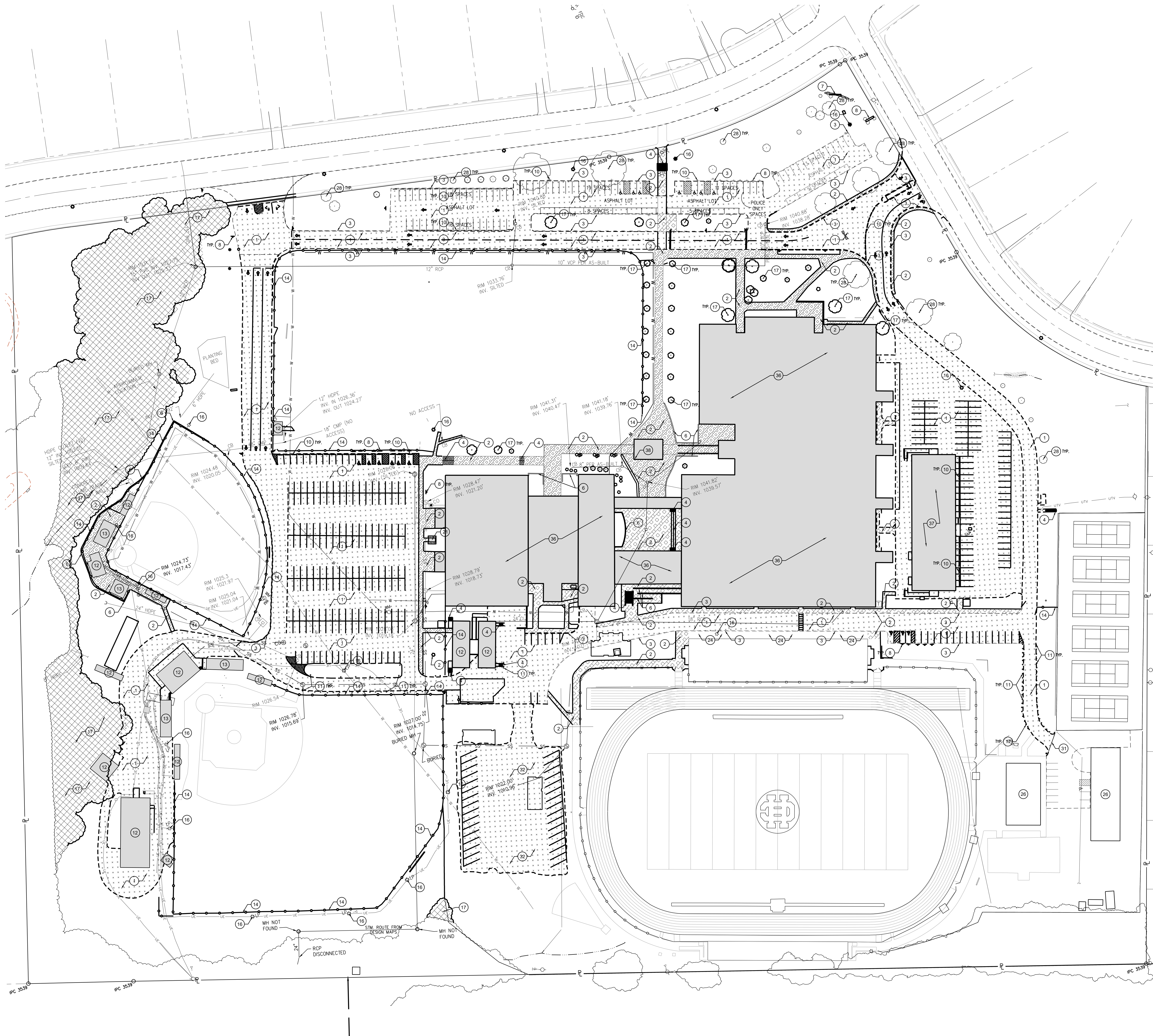
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KDE BC #:	24-279
DATE:	9/13/24
PHASE:	DESIGN DEVELOPMENT

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CODED DEMOLITION NOTES	
KEY	DESCRIPTION
1	REMOVE ASPHALT PAVEMENT AND BASE MATERIAL
2	REMOVE CONCRETE PAVEMENT AND BASE MATERIAL
3	REMOVE CONCRETE CURB
4	REMOVE CONCRETE STEPS AND RAILING
5	REMOVE CONCRETE LOADING DOCK
6	REMOVE RETAINING / FREESTANDING WALL
7	REMOVE MARQUEE SIGN
8	REMOVE SIGN
9	REMOVE FLAGPOLE
10	REMOVE CONCRETE WHEELSTOP
11	REMOVE BOLLARD
12	REMOVE MISCELLANEOUS BUILDING AND ASSOCIATED STEPS WHERE APPLICABLE
13	REMOVE BLEACHERS INCLUDING RAMPS, STEPS, FOUNDATIONS, ETC.
14	REMOVE FENCE INCLUDING FOOTINGS
15	SITE / FIELD LIGHTING - REFER TO MEP PLANS FOR ADDITIONAL INFORMATION
16	REMOVE LIGHT POLE
17	REMOVE TREES
18	REMOVE STORM STRUCTURE AND PIPING. REFER TO DRAINAGE PLAN FOR ADDITIONAL INFORMATION.
19	REFER TO ARCHITECTURAL PLANS FOR CANOPY DEMOLITION
20	REFER TO SITE UTILITY PLAN FOR REMOVAL OF SANITARY SEWER FACILITIES
21	REMOVE AND STORE BAND TOWER / SCOREBOARD FOR REINSTALLATION IN NEW LOCATION
22	PROTECT MIDDLE SCHOOL BUS DROP-OFF CANOPY AND COLUMNS. THE TWO CANOPIES CLOSETS TO THE MIDDLE SCHOOL ARE TO REMAIN. REFER TO ARCHITECTURAL PLANS FOR CANOPY DEMOLITION
23	PROTECT STORM STRUCTURE AND PIPE - REFER TO DRAINAGE PLANS FOR ADDITIONAL INFORMATION
24	PROTECT PAVEMENT / CURB/ STEP AND RAILING
25	PROTECT UTILITY POLE AND ASSOCIATED GUY WIRES
26	PROTECT WALL / BUILDING
27	REFER TO SITE UTILITY PLAN FOR WATER AND GAS INFORMATION - REFER TO MEP PLANS FOR ELECTRIC AND COMMUNICATION INFORMATION.
28	PROTECT TREE / LANDSCAPE - REFER TO EROSION CONTROL PLAN
29	REMOVE STUMPS AND REMAINING DEBRIS FROM COMPETED TREE CLEARING WORK
30	REMOVE FOUL POLE
31	SAWCUT ASPHALT PAVEMENT TO PROVIDE A CLEAN STRAIGHT EDGE FOR IMPROVEMENTS TO JOIN
32	REMOVE GRAVEL PAVEMENT
33	COORDINATE REMOVAL OF CATV BOX WITH MEP PLANS
34	TEMPORARILY REMOVE CHAIN LINK FENCE FOR SEWER WORK. REINSTALL FENCE ONCE WORK IS COMPLETE
35	MODIFY EXISTING STRUCTURE AS NECESSARY TO RETRIEVE NEW PIPE
36	REMOVE BUILDING AND FOUNDATIONS COMPLETELY
37	REMOVE PORTABLE COMPLETELY
38	REMOVE CANOPY AND ASSOCIATED FOUNDATIONS COMPLETELY

**GRAPHIC LEGEND**

	REMOVE BUILDING AND WALLS		MASS TREE CLEARING
	REMOVE ASPHALT PAVEMENT		LIMITS OF CONSTRUCTION
	REMOVE CONCRETE PAVEMENT		

( IN FEET )  
1 inch = 50 ft.

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**OVERALL DEMOLITION PLAN**

FAYETTE COUNTY PUBLIC SCHOOLS  
HENRY CLAY HIGH SCHOOL  
2100 FONTAINE ROAD, LEXINGTON, KY 40502

Keyplan

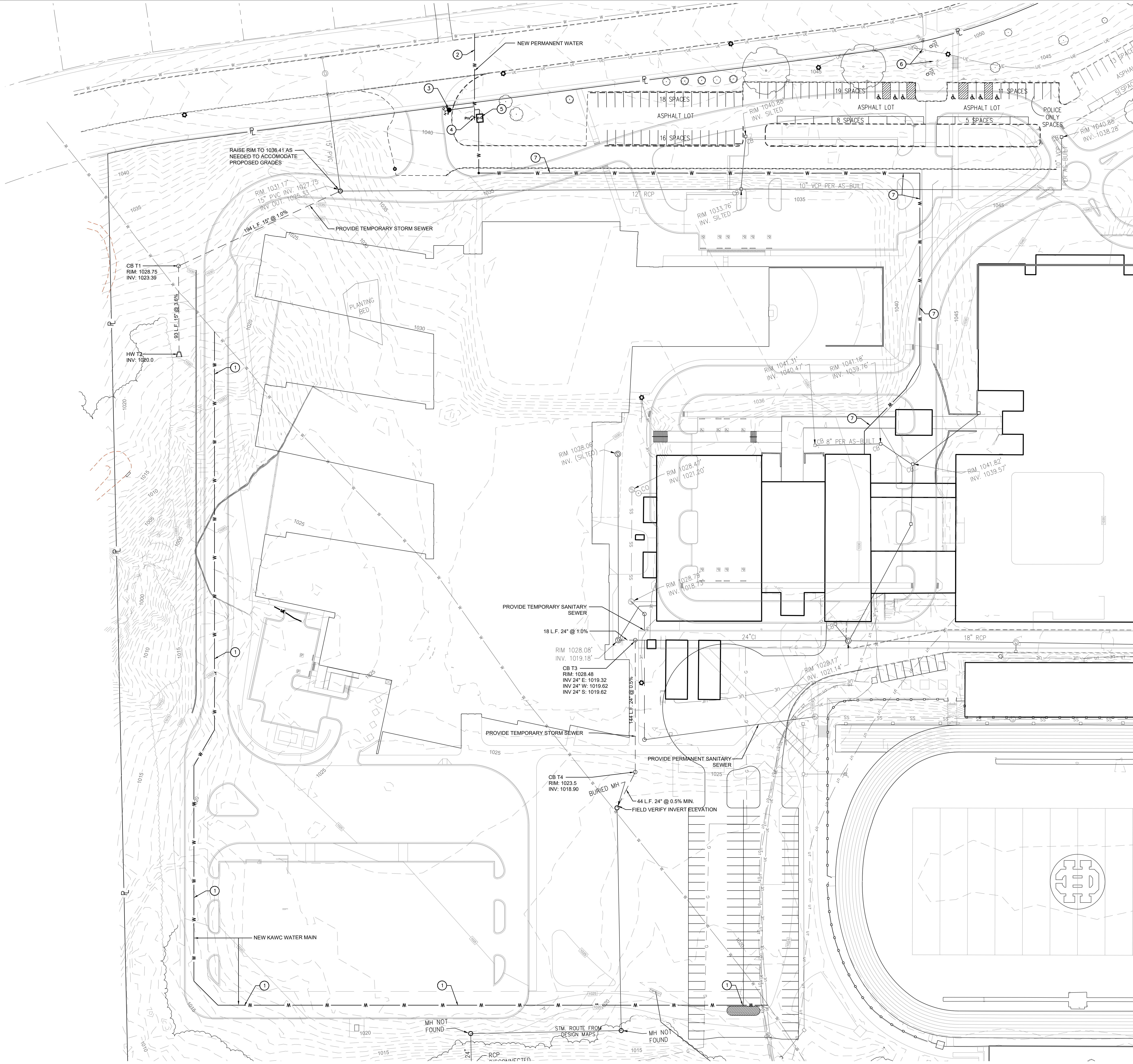
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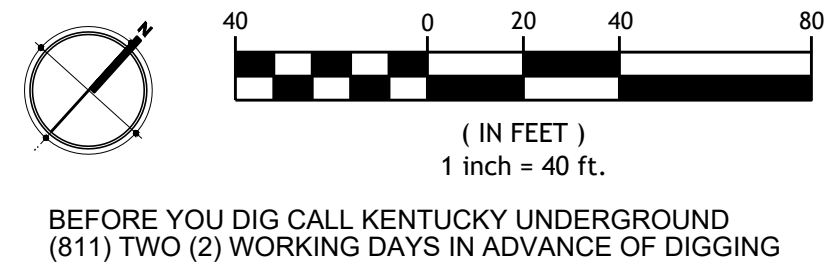
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CODED NOTES		
KEY	DESCRIPTION	REFERENCE
1	16" WATER MAIN RELOCATION BY KAWC. CONTRACTOR SHALL PLACE WATERLINE ROUTE ON SUBGRADE PRIOR TO KAWC BEGINNING WORK.	
2	NEW WATER MAIN AND TAP BY KAWC. CONTRACTOR TO COORDINATE.	
3	NEW FIRE HYDRANT BY KAWC	
4	NEW PIV BY KAWC	
5	(2) X" METER AND VAULT BY KAWC	
6	EXISTING FIRE LINE AND FDC CONNECTION TO BUILDING TO REMAIN DURING OCCUPANCY	
7	TEMPORARY 4" C-900 DOMESTIC WATER LINE TO EXISTING BUILDING - COORDINATE WITH MEP PLANS	



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TEMPORARY SITE UTILITY PLAN

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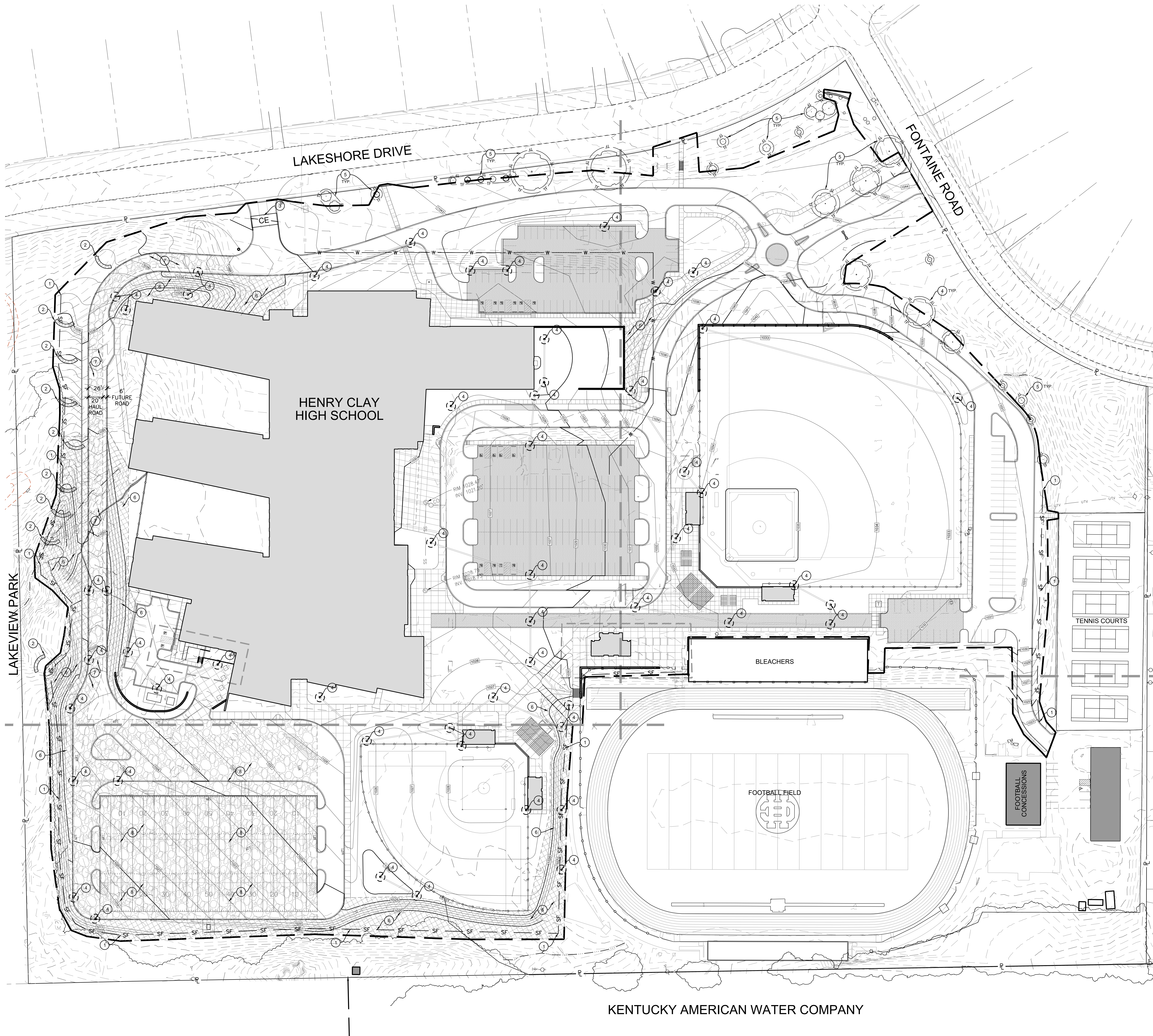
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EROSION CONTROL CODED NOTES			
KEY	DESCRIPTION		
1	SILT FENCE	SF	
2	ROCK CHECK DAM		
3	UTILIZE EXISTING ASPHALT FOR CONSTRUCTION ENTRANCE. VEHICLES LEAVING THE SITE ARE TO BE WASHED DOWN AS NECESSARY. ADDITIONAL MEASURES MAY BE REQUIRED TO KEEP ROADWAYS CLEAN.	CE	
4	INLET PROTECTION		
5	TREE PROTECTION FENCE	TF	
6	EROSION CONTROL BLANKET		
7	20' WIDE HAUL ROAD - 6" THICK #2 STONE WITH 3" DGA TOP DRESSING		
8	STAGING AREA - 6" THICK #2 STONE WITH 3" DGA TOP DRESSING		


PROJECT DESCRIPTION (FOR EROSION CONTROL PURPOSES)


THE PROPOSED PROJECT WILL DISTURB APPROXIMATELY 1,117,897 S.F. OF AREA TO BUILD A NEW HIGH SCHOOL, BASEBALL AND SOFTBALL FIELDS.

TOTAL SITE ACREAGE: ±25.66 ACRES  
LIMITS OF CONSTRUCTION: ±25.66 ACRES  
LIMITS OF DISTURBANCE: ±25.66 ACRES

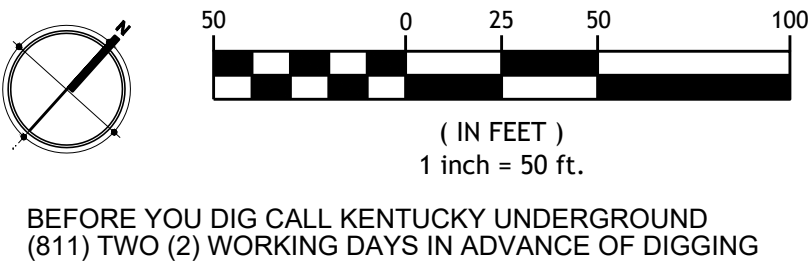
EXISTING IMPERVIOUS AREA: ±15.07 ACRES  
POST CONSTRUCTION IMPERVIOUS AREA: ±13.41 ACRES

GRAPHIC LEGEND

 BUILDING AND SITE WALLS

 PAVERS

 LIMITS OF CONSTRUCTION



KENTUCKY AMERICAN WATER COMPANY

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OVERALL EROSION CONTROL PLAN

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2100 FONTAINE ROAD, LEXINGTON, KY 40502

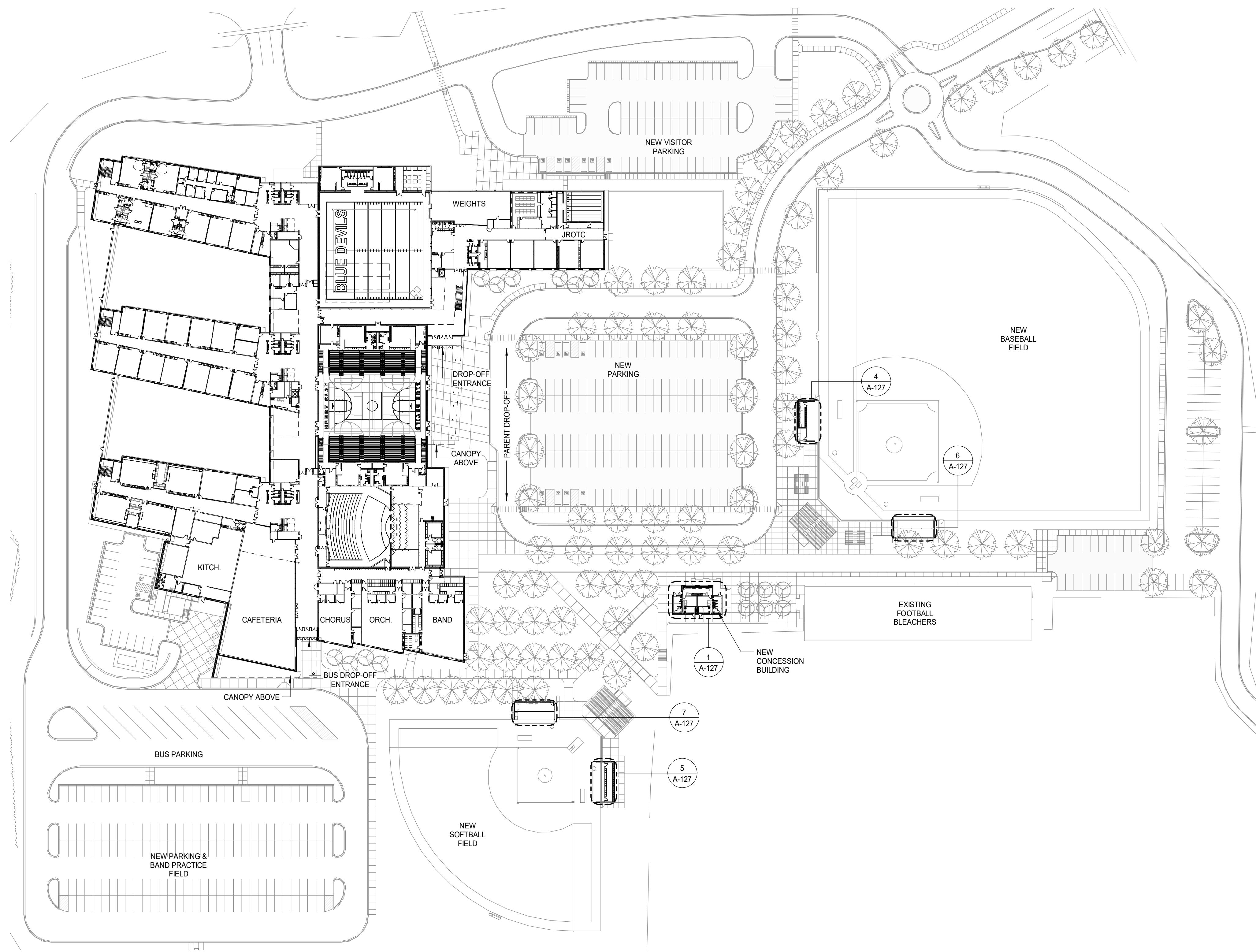
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**1** ARCHITECTURAL SITE PLAN  
1/64" = 1'-0"

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ARCHITECTURAL SITE PLAN

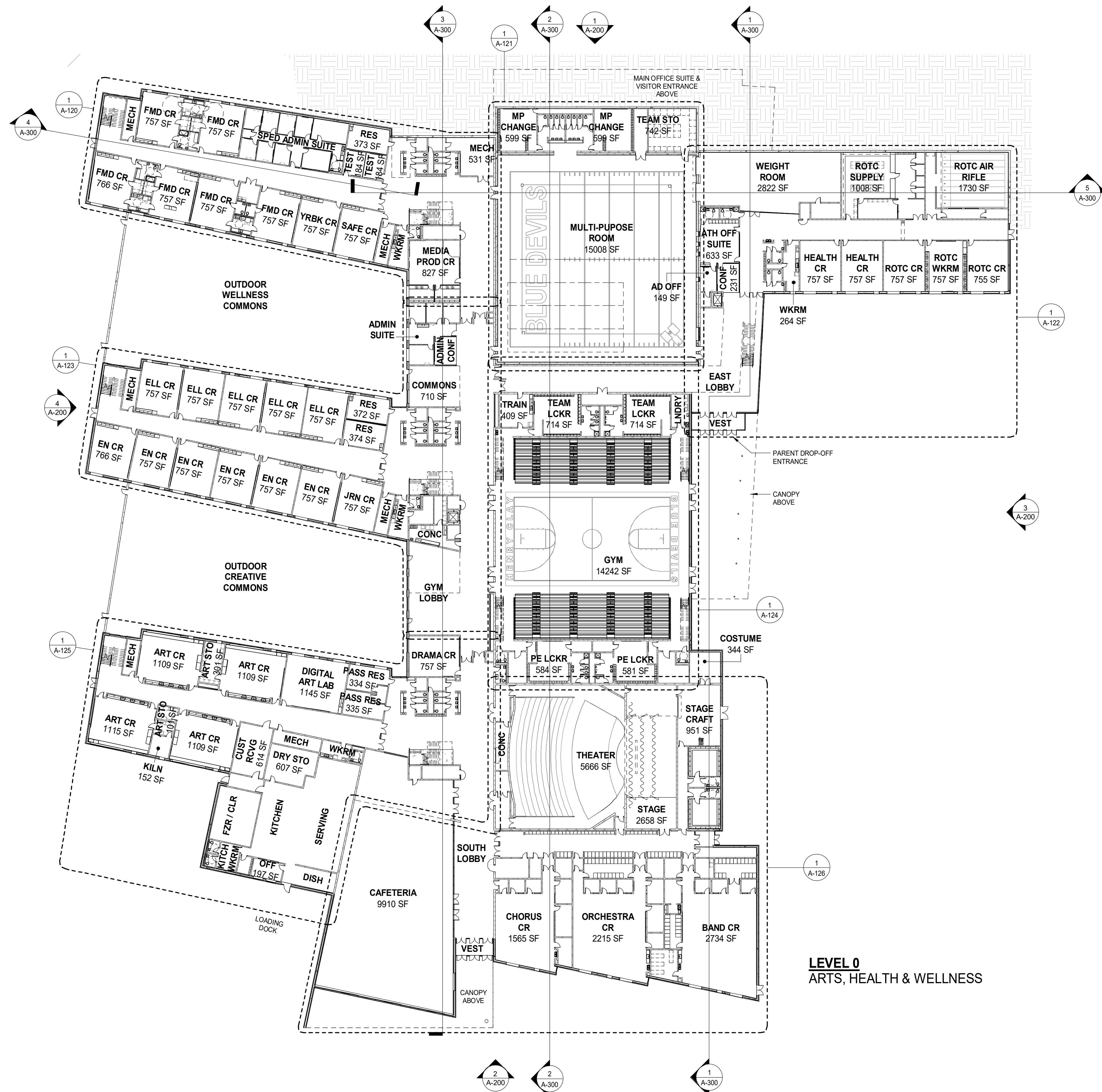
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1 OVERALL FLOOR PLAN - LEVEL 0  
1/32" = 1'-0"

LEVEL 0  
ARTS, HEALTH & WELLNESS

GENERAL NOTES:

- DO NOT SCALE DRAWINGS. DRAWINGS VARY IN SCALE AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM. WRITTEN DIMENSIONS ARE TO BE VERIFIED IN THE FIELD BY GENERAL CONTRACTOR WITH ARCHITECT AFTER DEMOLITION AND PRIOR TO ANY WORK ON NEW PARTITIONS. ARCHITECT IS TO BE NOTIFIED OF ANY FIELD MEASUREMENT DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA. DIMENSIONS ARE TO FINISHED FACE OF EXISTING AND TO FRAMING FOR NEW UNLESS NOTED. DOOR OPENINGS ARE NOMINAL FINISH DOOR WIDTHS. REFER TO MANUFACTURER FOR ACTUAL ROUGH OPENING DIMENSIONS.
- NOTES APPEAR ON VARIOUS DRAWINGS FOR DIFFERENT SYSTEMS AND MATERIALS. REVIEW ALL SHEETS AND APPLY NOTES TO RELATED BUILDING COMPONENTS. REFER TO COMPLETE SET OF ISSUED CONTRACT DOCUMENTS INCLUDING LANDSCAPE, STRUCTURAL, FOOD SERVICE, MECHANICAL, ELECTRICAL PLUMBING AND FURNISHING DRAWINGS FOR OTHER APPLICABLE INFORMATION, NOTES, ABBREVIATIONS, AND SYMBOLS.
- CONSTRUCTION SHALL COVER ALL WORK AS SHOWN ON THE DRAWINGS AND IS TO INCLUDE ANY OTHER WORK REQUIRED TO MEET THE INTENT OF THE ENTIRE SET OF DESIGN DOCUMENTS. CONTRACTOR HAS THE RESPONSIBILITY TO REFER TO ALL DRAWINGS, SITE INFORMATION AND VERIFY ALL CONDITIONS IN THE FIELD BEFORE COMMENCING WORK. COMMENCEMENT OF WORK INDICATES CONTRACTORS ACCEPTANCE OF ALL CONDITIONS.
- REFER TO FURNISHING DRAWINGS FOR CASEWORK & EQUIPMENT BOTH INCLUDED AND NOT INCLUDED IN THIS CONTRACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WORK OF ALL TRADES WITH FINAL FURNISHINGS REQUIREMENTS INCLUDING, BUT NOT LIMITED TO COORDINATION BETWEEN SERVICES (INCLUDING POWER, DATA AND PLUMBING), LOCATIONS OF STROBES, PULLS, CALL BUTTONS AND OTHER SIMILAR ITEMS & DISPLAYSMART/WHITE BOARDS AS WELL AS OTHER EQUIPMENT SHOWN BUT NOT IN THE CONTRACT.
- IT IS THE INTENT OF THE DRAWINGS TO IDENTIFY ALL INTEL REQUIREMENTS ON THE DRAWINGS. HOWEVER, IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL INTELS NECESSARY TO COMPLETE THE CONSTRUCTION IF THE DRAWINGS DO NOT IDENTIFY THE TYP OF INTEL TO BE USED AT A LOCATION WHERE ONE IS REQUIRED. REFER TO THE INTEL SCHEDULE PROVIDED ON THE STRUCTURAL DRAWINGS.
- WHERE MATERIALS ARE APPLIED TO, OR ARE IN DIRECT CONTACT WITH WORK INSTALLED BY ANOTHER SUBCONTRACTOR, COMMENCEMENT OF WORK IMPLIES ACCEPTANCE OF THE SUBSTRATE AS SUITABLE FOR THE APPLICATION INTENDED.
- ISOLATE DISSIMILAR METALS TO PREVENT GALVANIC CORROSION.
- PARTITION TYPES AND FIRE RESISTIVE RATINGS INDICATED ON A WALL ARE TO BE CONTINUOUS FOR THE LENGTH AND HEIGHT OF A PARTITION.
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- PROVIDE CONTINUOUS PERIMETER FIRE SAFING BETWEEN FLOORS AND COORDINATE THE INSTALLATION WITH THE EXTERIOR WALL. FIRE RATING OF SAFING SHALL MATCH FIRE RATING OF FLOOR CONSTRUCTION.
- FIELD MEASURE AND CONFIRM DIMENSIONS FOR OWNER PROVIDED EQUIPMENT AND FURNISHINGS.
- PROVIDE STIFFENERS, BRACING, BACKING PLATES AND BLOCKING REQUIRED FOR SECURE INSTALLATION OF TOILET PARTITIONS, DOORS AND DOOR HARDWARE INCLUDING, BUT NOT LIMITED TO WALL-MOUNTED DOOR STOPS, HANDRAILS, WALL-MOUNTED SHELVES, OPERABLE PARTITIONS, MISCELLANEOUS EQUIPMENT, AND SUSPENDED MECHANICAL AND ELECTRICAL EQUIPMENT.
- COORDINATE ALL BASE AND HOUSEKEEPING PADS WITH LOCKER LOCATIONS, MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT.
- LOCATE ACCESS PANELS AS INDICATED ON DRAWINGS. FOR ACCESS PANELS NOT SHOWN BUT REQUIRED BY PROVISIONS OF THE CONTRACT DOCUMENTS, LOCATE IN ACCORDANCE WITH APPLICABLE CODES. SUBMIT PROPOSED LOCATIONS TO THE ARCHITECT FOR REVIEW AND ACCEPTANCE PRIOR TO INSTALLATION.
- PARTITIONS LOCATED BY DIMENSION STRING ARE DIMENSIONED TO THE UNFINISHED FACE OF THE WALL UNLESS NOTED OTHERWISE.
- PARTITIONS NOT DIMENSIONED ARE GENERALLY LOCATED BY ONE OF THE FOLLOWING CRITERIA:
  - CENTERLINE CENTER OF PARTITION ALIGNS WITH THE CENTER OF GRIDLINE OR OBJECT CENTERLINE (SUCH AS A COLUMN OR WINDOW MULLION).
  - CENTER THE OVERALL PARTITION WIDTH, RATHER THAN STUD WIDTH ON THE LINE.
  - ALIGN LOCATE PARTITION FLUSH WITH FACE OF GYPSUM BOARD, OR OTHER SURFACE INDICATED.
  - MAINTAIN DIMENSIONS NOTED AS "MINIMUM" OR "CLEAR" DOOR OPENINGS ARE DIMENSIONED TO ROUGH OPENING IF NOT DIMENSIONED, THE HINGE SIDE OF DOOR JAMBS SHALL BE SPACED 4" FROM THE ADJACENT WALL.
- SOME COLUMN LINES ARE NOT SHOWN FOR CLARITY. REFER TO STRUCTURAL DRAWINGS AND ALL INDIVIDUAL PLAN SHEETS FOR DETAILS.
- FOR INFORMATION ON FIRE EXTINGUISHERS AND AEDS, REFER TO LIFE SAFETY SHEETS.
- FOR ALTERNATES: REFER TO SPECIFICATION SECTION 012300.
- DIMENSIONS SHOWN FOR MASONRY OPENINGS ARE REFLECTIVE OF OPENING SIZE, NOT DOOR OR WINDOW COMPONENT. REFER TO A-3.00 AND A-3.00 SERIES SHEETS FOR DETAILS.
- REFER TO SHEETS A-4.03 AND A-4.04 FOR ENLARGED RESTROOM PLANS AND ELEVATIONS.

OVERALL FLOOR PLAN - LEVEL 0

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NEW HENRY CLAY HIGH SCHOOL  
2100 Fontaine Road  
Lexington, KY 40502

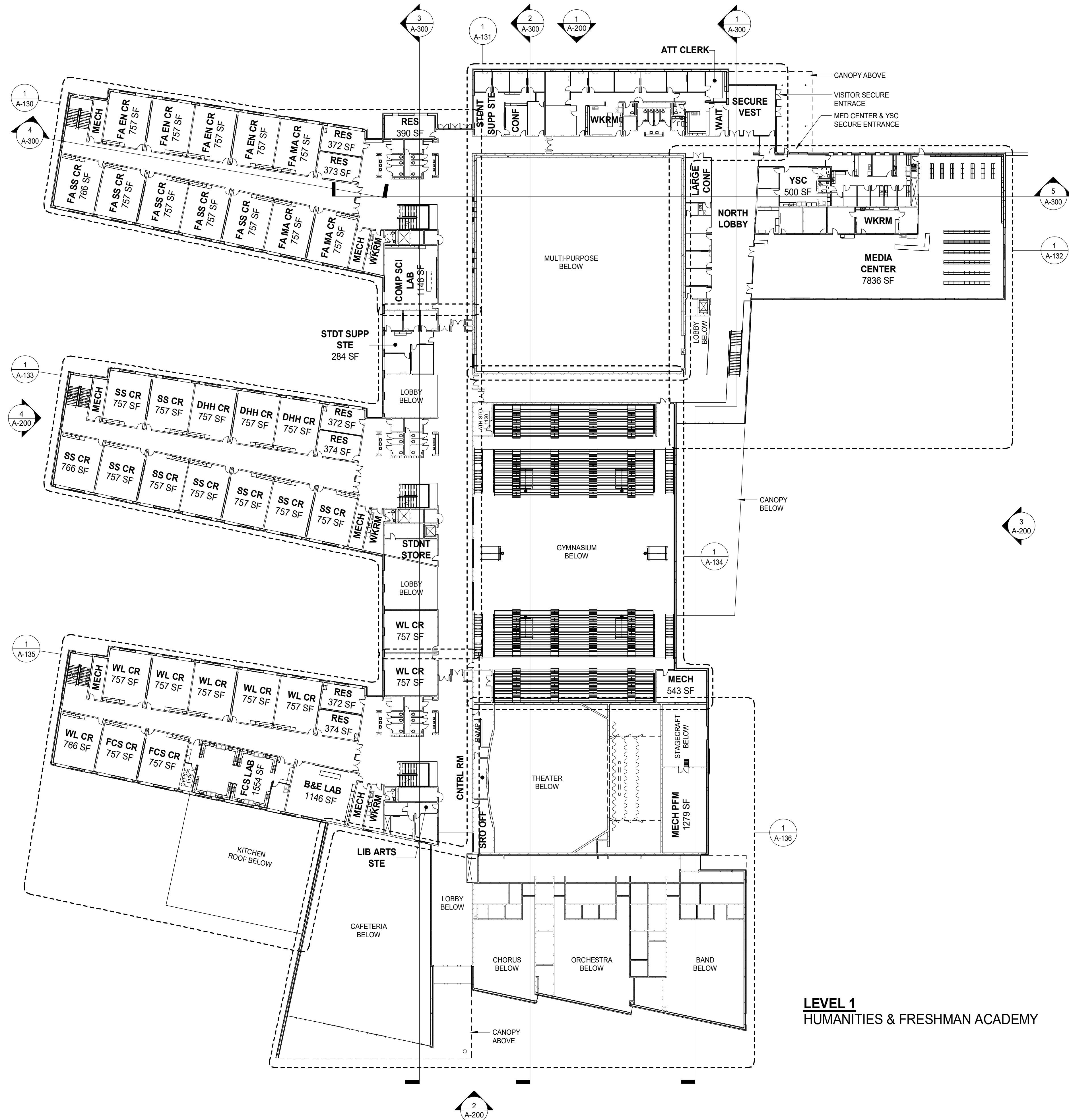
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A-100





1 OVERALL FLOOR PLAN - LEVEL 1  
1/32" = 1'-0"

## GENERAL NOTES:

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- PROVIDE CONTINUOUS PERIMETER FIRE SAFING BETWEEN FLOORS AND COORDINATE THE INSTALLATION WITH THE EXTERIOR WALL. FIRE RATING OF SAFING SHALL MATCH FIRE RATING OF FLOOR CONSTRUCTION.
- FIELD MEASURE AND CONFIRM DIMENSIONS FOR OWNER PROVIDED EQUIPMENT AND FURNISHINGS.
- PROVIDE STIFFENERS, BRACING, BACKING PLATES AND BLOCKING REQUIRED FOR SECURE INSTALLATION OF TOILET PARTITIONS, DOORS AND DOOR HARDWARE INCLUDING, BUT NOT LIMITED TO WALL-MOUNTED DOOR STOPS, HANDRAILS, WALL-MOUNTED SHELVES, OPERABLE PARTITIONS, MISCELLANEOUS EQUIPMENT, AND SUSPENDED MECHANICAL AND ELECTRICAL EQUIPMENT.
- COORDINATE ALL BASE AND HOUSEKEEPING PADS WITH LOCKER LOCATIONS, MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT.
- LOCATE ACCESS PANELS AS INDICATED ON DRAWINGS. FOR ACCESS PANELS NOT SHOWN BUT REQUIRED BY PROVISIONS OF THE CONTRACT DOCUMENTS, LOCATE IN ACCORDANCE WITH APPLICABLE CODES. SUBMIT PROPOSED LOCATIONS TO THE ARCHITECT FOR REVIEW AND ACCEPTANCE PRIOR TO INSTALLATION.
- PARTITIONS LOCATED BY DIMENSION STRING ARE DIMENSIONED TO THE UNFINISHED FACE OF THE WALL UNLESS NOTED OTHERWISE.
- PARTITIONS NOT DIMENSIONED ARE GENERALLY LOCATED BY ONE OF THE FOLLOWING CRITERIA:
  - CENTERLINE CENTER OF PARTITION ALIGNS WITH THE CENTER OF GRIDLINE OR OBJECT. CENTERLINE (SUCH AS A COLUMN OR WINDOW MULLION).
  - CENTER THE OVERALL PARTITION WIDTH, RATHER THAN STUD WIDTH ON THE LINE.
  - ALIGN LOCATE PARTITION FLUSH WITH FACE OF GYPSUM BOARD, OR OTHER SURFACE INDICATED.
  - MAINTAIN DIMENSIONS NOTED AS "MINIMUM" OR "CLEAR" DOOR OPENINGS ARE DIMENSIONED TO ROUGH OPENING IF NOT DIMENSIONED. THE HINGE SIDE OF DOOR JAMBS SHALL BE SPACED 4" FROM THE ADJACENT WALL.
- SOME COLUMN LINES ARE NOT SHOWN FOR CLARITY. REFER TO STRUCTURAL DRAWINGS AND ALL INDIVIDUAL PLAN SHEETS FOR DETAILS.
- FOR INFORMATION ON FIRE EXTINGUISHERS AND AEDS, REFER TO LIFE SAFETY SHEETS.
- FOR ALTERNATES: REFER TO SPECIFICATION SECTION 012300.
- DIMENSIONS SHOWN FOR MASONRY OPENINGS ARE REFLECTIVE OF OPENING SIZE, NOT DOOR OR WINDOW COMPONENT. REFER TO A-3.00 AND A-3.00 SERIES SHEETS FOR DETAILS.
- REFER TO SHEETS A-4.03 AND A-4.04 FOR ENLARGED RESTROOM PLANS AND ELEVATIONS.

Seal

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OVERALL FLOOR PLAN - LEVEL 1

FAYETTE COUNTY PUBLIC SCHOOLS  
NEW HENRY CLAY HIGH SCHOOL

2100 Fontaine Road  
Lexington, KY 40502

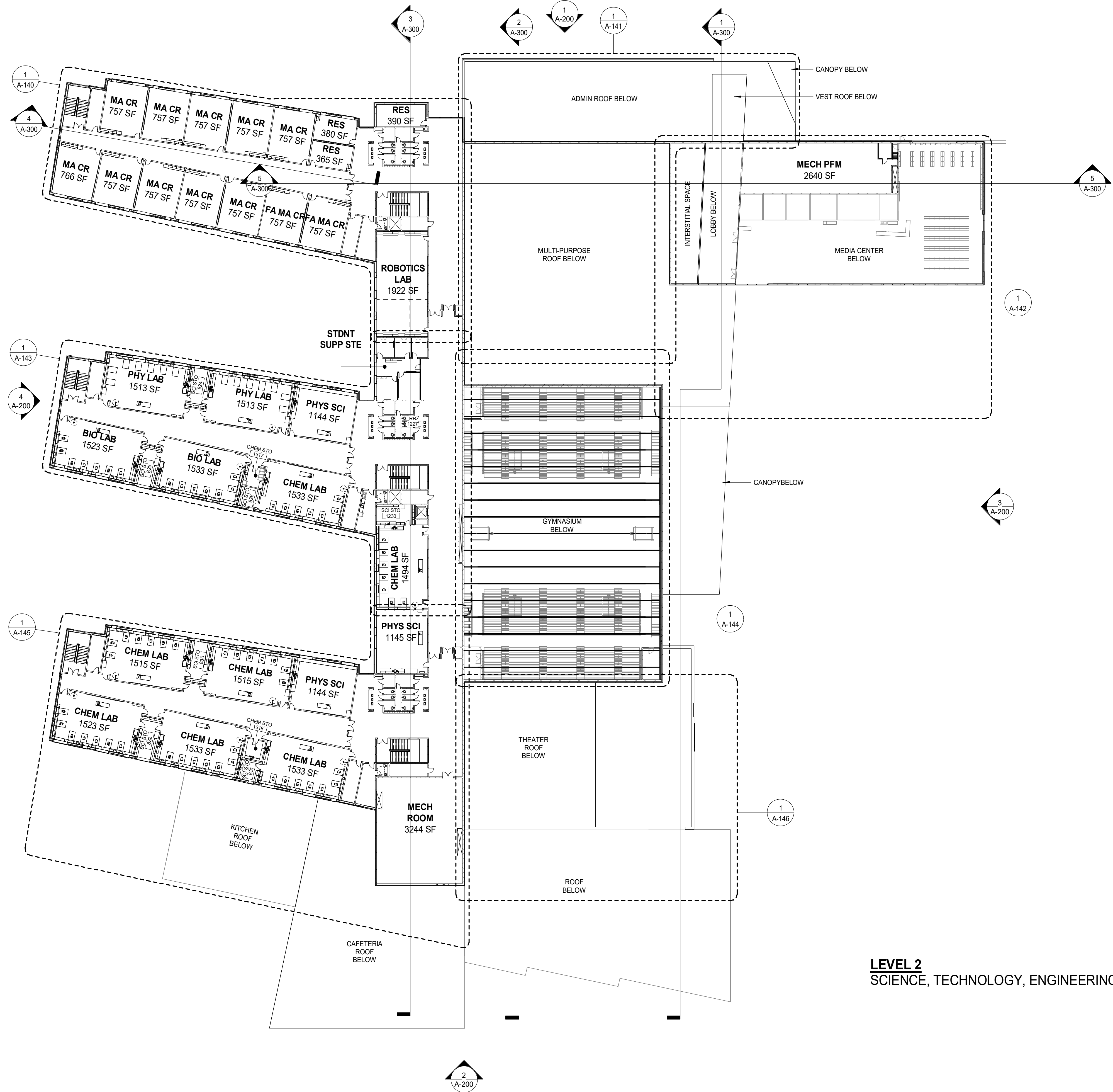
Keyplan

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Sheet Information  
PROJECT #: 2315  
KDE BG #: BG-24-279  
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PHASE: DESIGN DEVELOPMENT

A-101





1 OVERALL FLOOR PLAN - LEVEL 2  
1/32" = 1'-0"

LEVEL 2  
SCIENCE, TECHNOLOGY, ENGINEERING & MATH

- ### GENERAL NOTES:
- A. DO NOT SCALE DRAWINGS. DRAWINGS VARY IN SCALE AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM. WRITTEN DIMENSIONS ARE TO BE VERIFIED IN THE FIELD BY GENERAL CONTRACTOR WITH ARCHITECT AFTER DEMOLITION AND PRIOR TO ANY WORK ON NEW PARTITIONS. ARCHITECT IS TO BE NOTIFIED OF ANY FIELD MEASUREMENT DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA. DIMENSIONS ARE TO FINISHED FACE OF EXISTING AND TO FRAMING FOR NEW UNLESS NOTED. DOOR OPENINGS ARE NOMINAL FINISH DOOR WIDTHS. REFER TO MANUFACTURER FOR ACTUAL ROUGH OPENING DIMENSIONS.
  - B. NOTES APPEAR ON VARIOUS DRAWINGS FOR DIFFERENT SYSTEMS AND MATERIALS. REVIEW ALL SHEETS AND APPLY NOTES TO RELATED BUILDING COMPONENTS. REFER TO COMPLETE SET OF ISSUED CONTRACT DOCUMENTS INCLUDING LANDSCAPE, STRUCTURAL, FOOD SERVICE, MECHANICAL, ELECTRICAL, PLUMBING AND FURNISHING DRAWINGS FOR OTHER APPLICABLE INFORMATION, NOTES, ABBREVIATIONS, AND SYMBOLS.
  - C. CONSTRUCTION SHALL COVER ALL WORK AS SHOWN ON THE DRAWINGS AND IS TO INCLUDE ANY OTHER WORK REQUIRED TO MEET THE INTENT OF THE ENTIRE SET OF DESIGN DOCUMENTS. CONTRACTOR HAS THE RESPONSIBILITY TO REFER TO ALL DRAWINGS, SITE INFORMATION AND VERIFY ALL CONDITIONS IN THE FIELD BEFORE COMMENCING WORK. COMMENCEMENT OF WORK INDICATES CONTRACTORS ACCEPTANCE OF ALL CONDITIONS.
  - D. REFER TO FURNISHING DRAWINGS FOR CASEWORK & EQUIPMENT BOTH INCLUDED AND NOT INCLUDED IN THIS CONTRACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WORK OF ALL TRADES WITH FINAL FURNISHINGS REQUIREMENTS INCLUDING, BUT NOT LIMITED TO COORDINATION BETWEEN SERVICES (INCLUDING POWER, DATA AND PLUMBING), LOCATIONS OF STROBES, PULLS, CALL BUTTONS AND OTHER SIMILAR ITEMS & DISPLAYSMART/WHITE BOARDS AS WELL AS OTHER EQUIPMENT SHOWN BUT NOT IN THE CONTRACT.
  - E. IT IS THE INTENT OF THE DRAWINGS TO IDENTIFY ALL INTEL REQUIREMENTS ON THE DRAWINGS. HOWEVER, IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL INTELS NECESSARY TO COMPLETE THE CONSTRUCTION IF THE DRAWINGS DO NOT IDENTIFY THE TYP OF INTEL TO BE USED AT A LOCATION WHERE ONE IS REQUIRED. REFER TO THE INTEL SCHEDULE PROVIDED ON THE STRUCTURAL DRAWINGS.
  - F. WHERE MATERIALS ARE APPLIED TO, OR ARE IN DIRECT CONTACT WITH WORK INSTALLED BY ANOTHER SUBCONTRACTOR, COMMENCEMENT OF WORK IMPLIES ACCEPTANCE OF THE SUBSTRATE AS SUITABLE FOR THE APPLICATION INTENDED.
  - G. ISOLATE DISSIMILAR METALS TO PREVENT GALVANIC CORROSION.
  - H. PARTITION TYPES AND FIRE RESISTIVE RATINGS INDICATED ON A WALL ARE TO BE CONTINUOUS FOR THE LENGTH AND HEIGHT OF A PARTITION.
  - I. OPENINGS IN RATED WALL, FLOOR, CEILING AND ROOF ASSEMBLIES SHALL BE SEALED WITH PENETRATION SEALANT SYSTEMS MEETING OR EXCEEDING THE REQUIRED FIRE RESISTIVE RATINGS.
  - J. MAINTAIN THE FIRE RATING OF CONSTRUCTION AROUND CABINETS, PANELS, AND BOXES RECESSED IN FIRE RATED WALL, FLOOR, AND CEILING ASSEMBLIES.
  - K. PROVIDE CONTINUOUS PERIMETER FIRE SAFING BETWEEN FLOORS AND COORDINATE THE INSTALLATION WITH THE EXTERIOR WALL. FIRE RATING OF SAFING SHALL MATCH FIRE RATING OF FLOOR CONSTRUCTION.
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    - b. CENTER THE OVERALL PARTITION WIDTH, RATHER THAN STUD WIDTH ON THE LINE.
    - c. ALIGN LOCATE PARTITION FLUSH WITH FACE OF GYPSUM BOARD, OR OTHER SURFACE INDICATED.
    - d. MAINTAIN DIMENSIONS NOTED AS "MINIMUM" OR "CLEAR" DOOR OPENINGS ARE DIMENSIONED TO ROUGH OPENING IF NOT DIMENSIONED, THE HINGE SIDE OF DOOR JAMBS SHALL BE SPACED 4" FROM THE ADJACENT WALL.
  - R. SOME COLUMN LINES ARE NOT SHOWN FOR CLARITY. REFER TO STRUCTURAL DRAWINGS AND ALL INDIVIDUAL PLAN SHEETS FOR DETAILS.
  - S. FOR INFORMATION ON FIRE EXTINGUISHERS AND AEDS, REFER TO LIFE SAFETY SHEETS.
  - T. FOR ALTERNATES: REFER TO SPECIFICATION SECTION 012300.
  - U. DIMENSIONS SHOWN FOR MASONRY OPENINGS ARE REFLECTIVE OF OPENING SIZE, NOT DOOR OR WINDOW COMPONENT. REFER TO A-3.03 AND A-3.03 SERIES SHEETS FOR DETAILS.
  - V. REFER TO SHEETS A-4.03 AND A-4.04 FOR ENLARGED RESTROOM PLANS AND ELEVATIONS.

Seal

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**OVERALL FLOOR PLAN - LEVEL 2**

FAYETTE COUNTY PUBLIC SCHOOLS  
NEW HENRY CLAY HIGH SCHOOL

2100 Fontaine Road  
Lexington, KY 40502

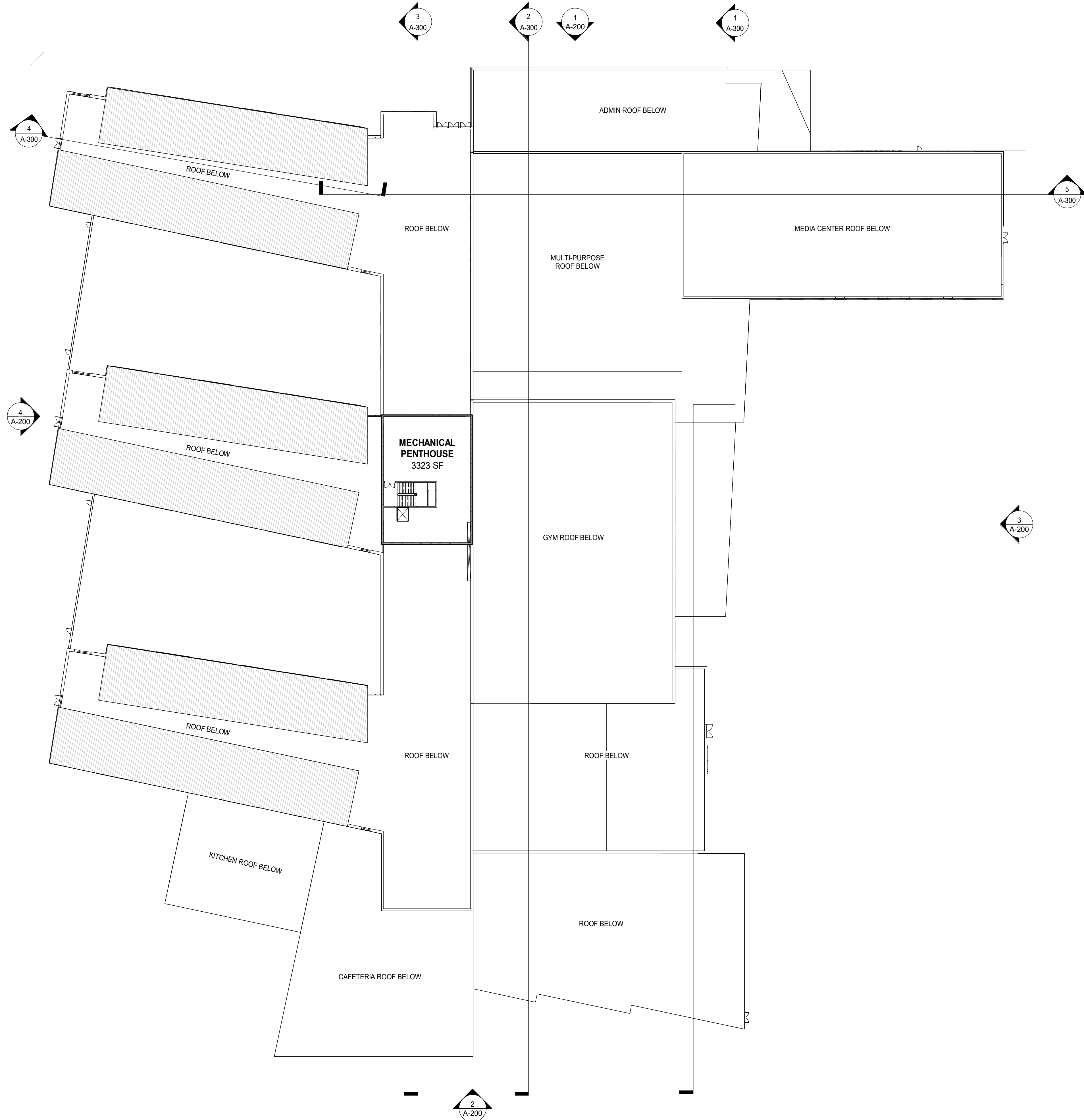
Keyplan

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Sheet Information

PROJECT #:	2315
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**A-102**



1 OVERALL FLOOR PLAN - LEVEL 3  
1/32" = 1'-0"

GENERAL NOTES:

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- V. REFER TO SHEETS A-4.03 AND A-4.04 FOR ENLARGED RESTROOM PLANS AND ELEVATIONS.

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OVERALL FLOOR PLAN - LEVEL 3

FAYETTE COUNTY PUBLIC SCHOOLS  
NEW HENRY CLAY HIGH SCHOOL

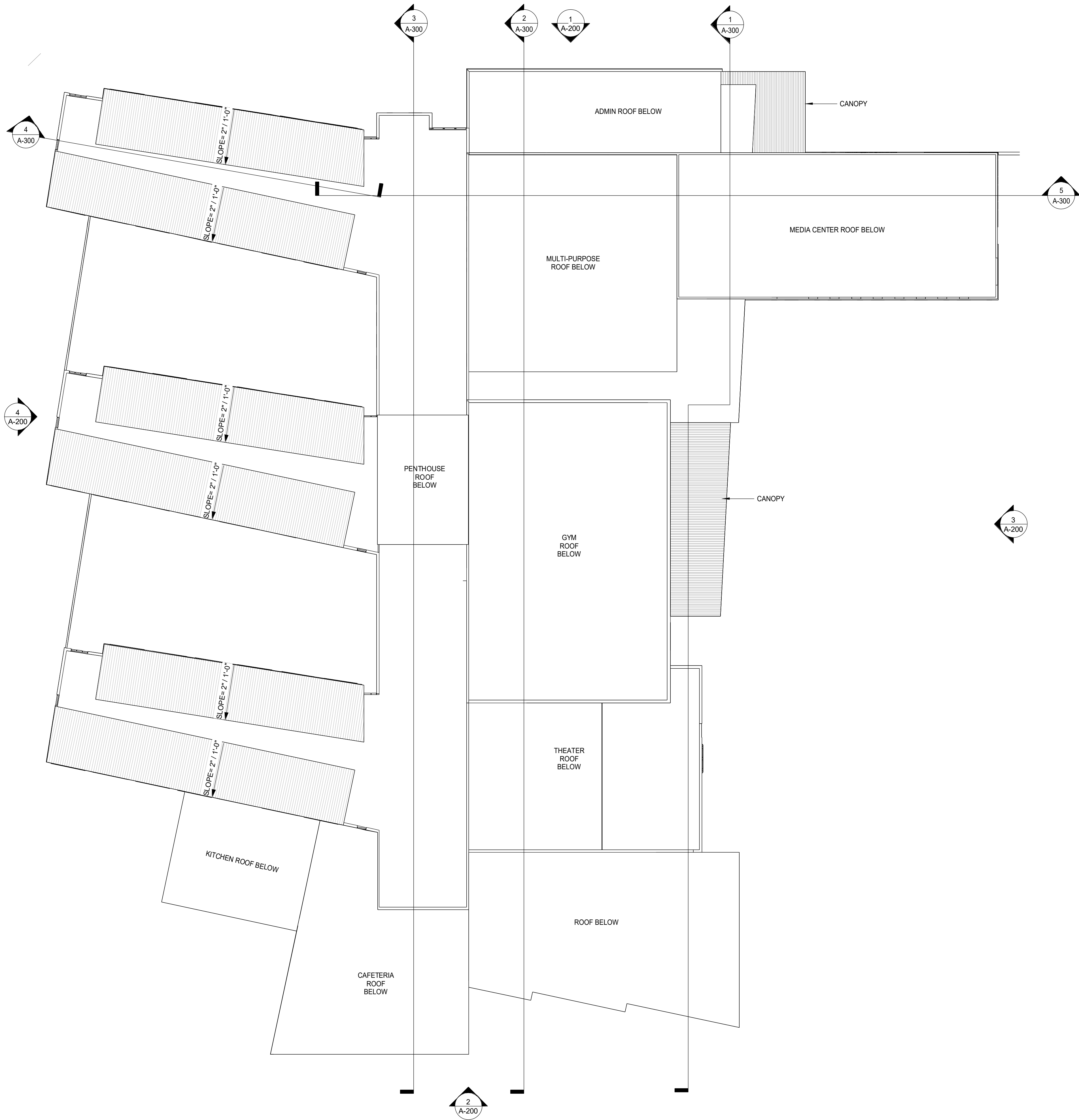
2100 Fontaine Road  
Lexington, KY 40502

Keyplan

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Sheet Information  
PROJECT #: 2315  
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A-103



ROOF LEGEND

- 2-PLY SBS MODIFIED BITUMEN ROOFING SYSTEM W/ GRANULAR CAP SHEET, SS 075200. SBS GRANULE SURFACED CAP SHEET ON SBS MODIFIED BITUMEN BASE MEMBRANE ON 1/2" COVERBOARD ON (2) LAYERS MECH. FASTENED 2.6" POLYISOCYANURATE INSULATION ON METAL ROOF DECK ON STEEL ROOF JOISTS (REFER TO STRUCTURAL).
- PREFINISHED STANDING SEAM METAL ROOFING SYSTEM, SS 076103. 22 GA. 16" W. STANDING SEAM PREFINISHED METAL ROOFING W/CLIPS @ 48" O.C. ON CONTINUOUS IBE AND WATER SHIELD MEMBRANE ON (2) LAYERS MECH. FASTENED 2.6" POLYISOCYANURATE INSULATION ON METAL ROOF DECK ON STEEL ROOF JOISTS (REFER TO STRUCTURAL).
- TAPERED INSULATION CRICKET
- PREFINISHED ALUMINUM CANOPY ASSEMBLY STRUCTURE, SS 077300.
- TDD
- RD
- RD-E
- #
- SV
- DS
- XX" / 12"
- DIRECTION OF ROOF DRAINAGE / SLOPE INDICATOR

GENERAL NOTES: ROOFING

- UNLESS OTHERWISE NOTED, ALL MODIFIED BITUMEN ROOFING SLOPES TO BE A MINIMUM OF 1/4" PER FOOT MIN. FOR POSITIVE DRAINAGE, WITH A COMBINATION OF SLOPED STRUCTURE WITH FLAT INSULATION OR TAPERED INSULATION. REFER TO ENLARGED ROOF PLANS ON SHEETS A-### AND A-##.
- ALL NEW ROOF CRICKETS TO BE TAPERED INSULATION WITH SLOPES TO BE A MIN. OF 2X THE SLOPE OF THE OPPOSING ROOF FOR POSITIVE DRAINAGE. UNLESS OTHERWISE NOTED, PROVIDE TAPERED INSULATION CRICKETS ON UPHILL SIDE OF ALL NEW ROOF CURBS AND AT ALL ROOF DRAINS.
- MINIMIZE USE OF NEWLY COMPLETED ROOF AREAS AS A MEANS OF ACCESS DURING CONSTRUCTION WORK OF SUBSEQUENT PHASES. PROVIDE CONTINUOUS 1/2" MIN. PLYWOOD PROTECTION ON NEWLY COMPLETED ROOF AREAS WITH 1" MIN. RIGID INSULATION PADDING WHERE ACCESS IS ABSOLUTELY NECESSARY. DO NOT USE ROOF FOR STAGING OR STORAGE OF MATERIALS--ALL MATERIALS TO BE STORED ON GROUND AND HOSTED TO ROOF FROM STAGING AREA AS NEEDED FOR WORK.
- REFER TO FOOD SERVICE, MECHANICAL, AND PLUMBING DRAWINGS FOR QUANTITY AND LOCATION OF NEW ROOF PENETRATIONS AND/OR EQUIPMENT. THE ROOF PLANS ARE PROVIDED AS A CONVENIENCE TO THE CONTRACTOR AND THE LOCATION, SIZE, AND QUANTITY OF ROOF MOUNTED EQUIPMENT AND PROTRUSIONS IS APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL DRAWINGS AND PROVIDING FLASHING AT ALL NEW PENETRATIONS FOR COMPLETION OF WORK FOR THIS CONTRACT. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR ALL FLASHING MATERIALS AND INSTALLATION AT ROOF PENETRATIONS, I.E. STRUCTURAL SUPPORTS, EQUIPMENT CURBS, PLUMBING/MECHANICAL VENTS, ROOF DRAINS, SKYLIGHTS, ROOF HATCHES, EDGE CONDITIONS, ETC.
- TYPICAL LOW SLOPE ROOFING IS TO BE A 2-PLY SYSTEM WITH MODIFIED BITUMEN GRANULAR CAP SHEET AND METAL CLAD WALL FLASHINGS. SS 075200.
- A PRE-ROOFING CONFERENCE IS REQUIRED AND WILL BE HELD AT LEAST 2 WEEKS PRIOR TO ROOF WORK BEGINNING. MINUTES FROM THIS MEETING MUST BE SIGNED & AGREED TO BY ALL PARTIES ATTENDING.
- TYPICAL SLOPED ROOFING 1 1/2:12 & ABOVE IS TO BE STANDING SEAM METAL ROOF. SS 076103.
- PONDING ON ANY ROOF AREA OR AT SCUPPER MOUTH IS UNACCEPTABLE.
- ANYWHERE METAL CLAD FLASHING IS TO TRANSITION INTO FLEX FLASHING, DEGRANULATE THE FLEX FLASHING A MINIMUM OF 6" PRIOR TO INSTALLING CLAD FLASHING.
- ALL ROOFING MATERIALS TO BE PROVIDED AND INSTALLED WITH MANUFACTURER'S 20 YEAR NDL WARRANTY INCORPORATING MANUFACTURER'S CURRENT DETAILS AND SPECIFICATIONS. FOLLOW ROOFING MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF ALL ROOFING AND FLASHING INCLUDING ROOF PENETRATIONS, I.E. PLUMBING VENTS, CURBS, FOOD SERVICE EQUIPMENT CURBS, HVAC SUPPORT CURBS, ROOF DRAINS, ETC. REFER TO SS 075200.
- DOWNSPOUTS ARE 4'X5" (AT 7' OR 8' GUTTER), 5'X7" (AT 10' GUTTER) OR 4'X4" (AT ALL CANOPIES) AND ARE TO RECEIVE NEW UNCOATED CAST IRON BOOTS TIED TO NEW UNDERGROUND STORM SEWER. IF TO GRADE, OR PREFINISHED STEEL ROOFTOP SPLASHPANS FOR THOSE THAT DISCHARGE ON ADJACENT ROOF. UNLESS OTHERWISE NOTED, SEE DETAIL 2/A1.70 FOR CAST IRON BOOTS.
- STEEL ERECTOR TO COORDINATE WITH ROOFING AND MEP CONTRACTORS TO LOCATE ROOF DRAINS AND ROOFTOP EQUIPMENT PRIOR TO SETTING OF STEEL.

1 OVERALL ROOF PLAN  
1/32" = 1'-0"

Seal

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OVERALL ROOF PLAN

FAYETTE COUNTY PUBLIC SCHOOLS  
NEW HENRY CLAY HIGH SCHOOL  
2100 Fontaine Road  
Lexington, KY 40502

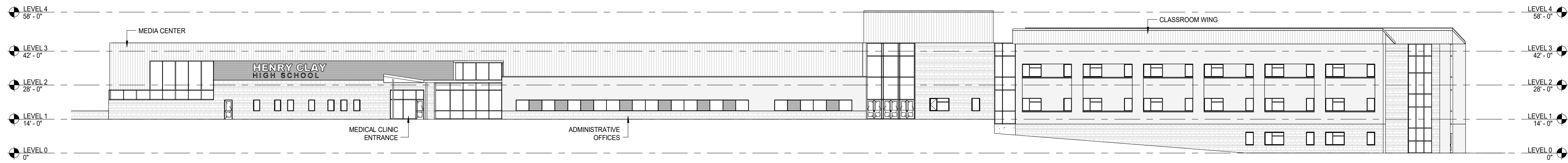
Keyplan

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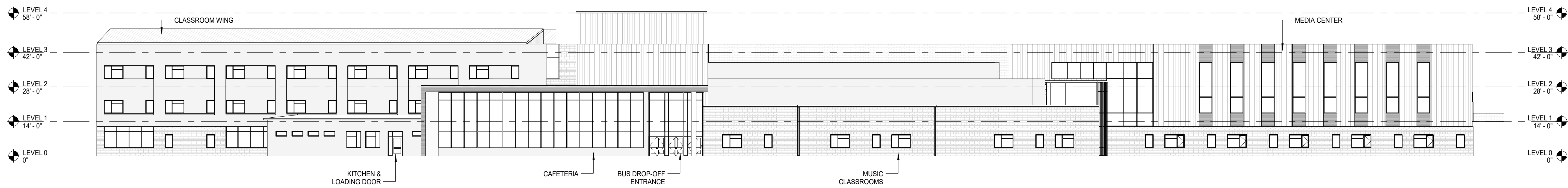
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A-104

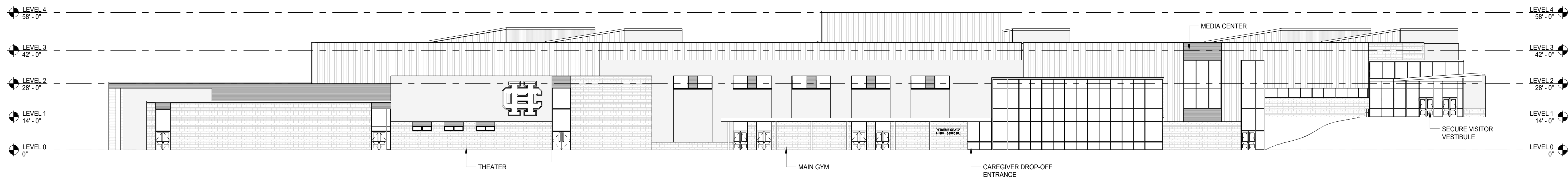




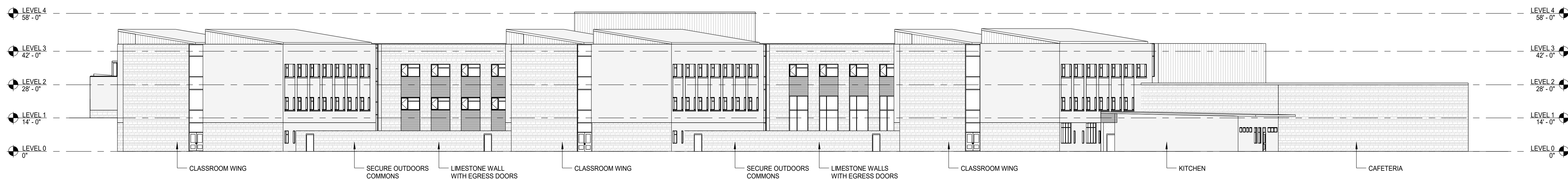
1 OVERALL ELEVATION - NORTH  
3/64" = 1'-0"



2 OVERALL ELEVATION - SOUTH  
3/64" = 1'-0"



3 OVERALL ELEVATION - EAST  
3/64" = 1'-0"



4 OVERALL ELEVATION - WEST  
3/64" = 1'-0"

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OVERALL ELEVATIONS

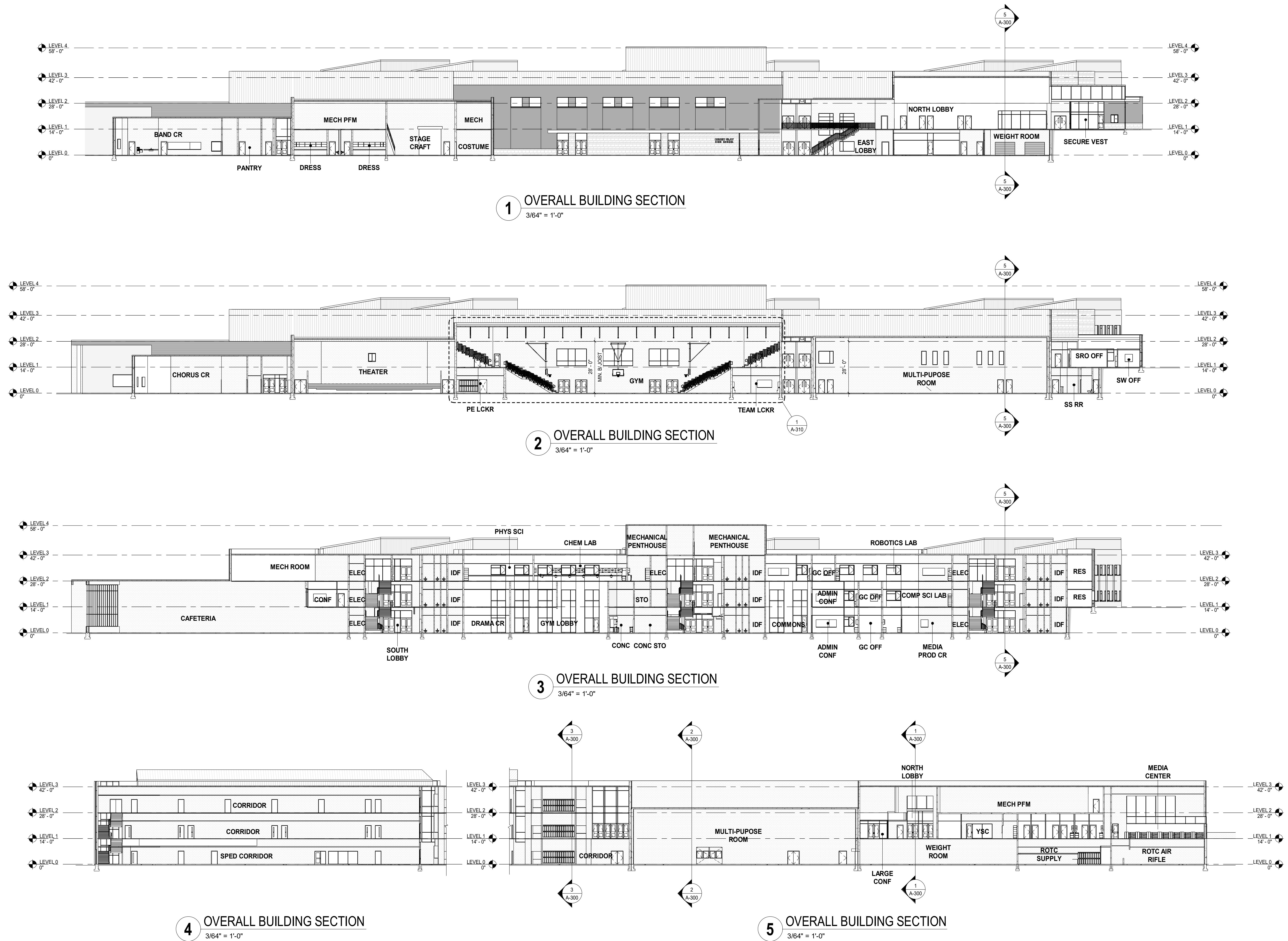
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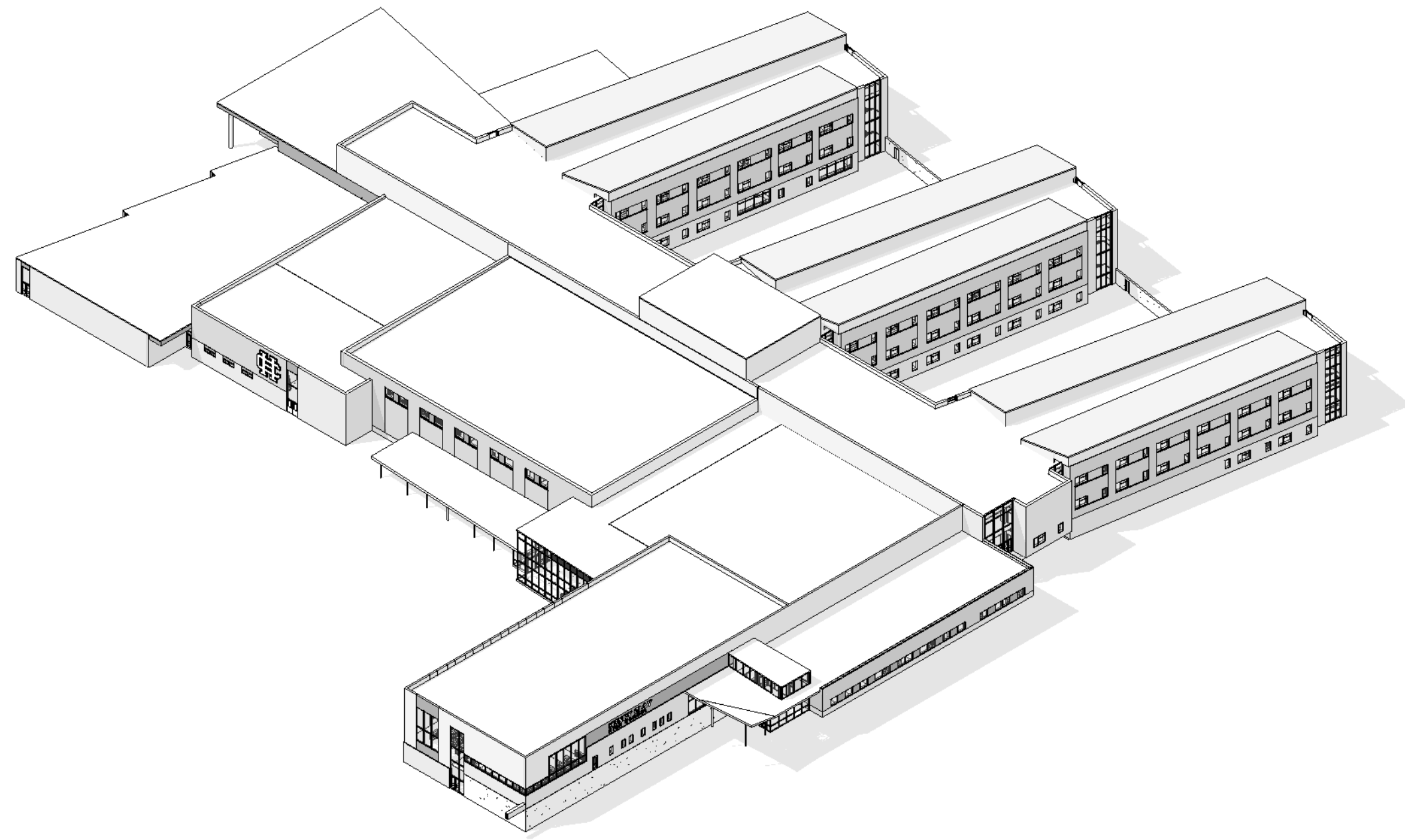
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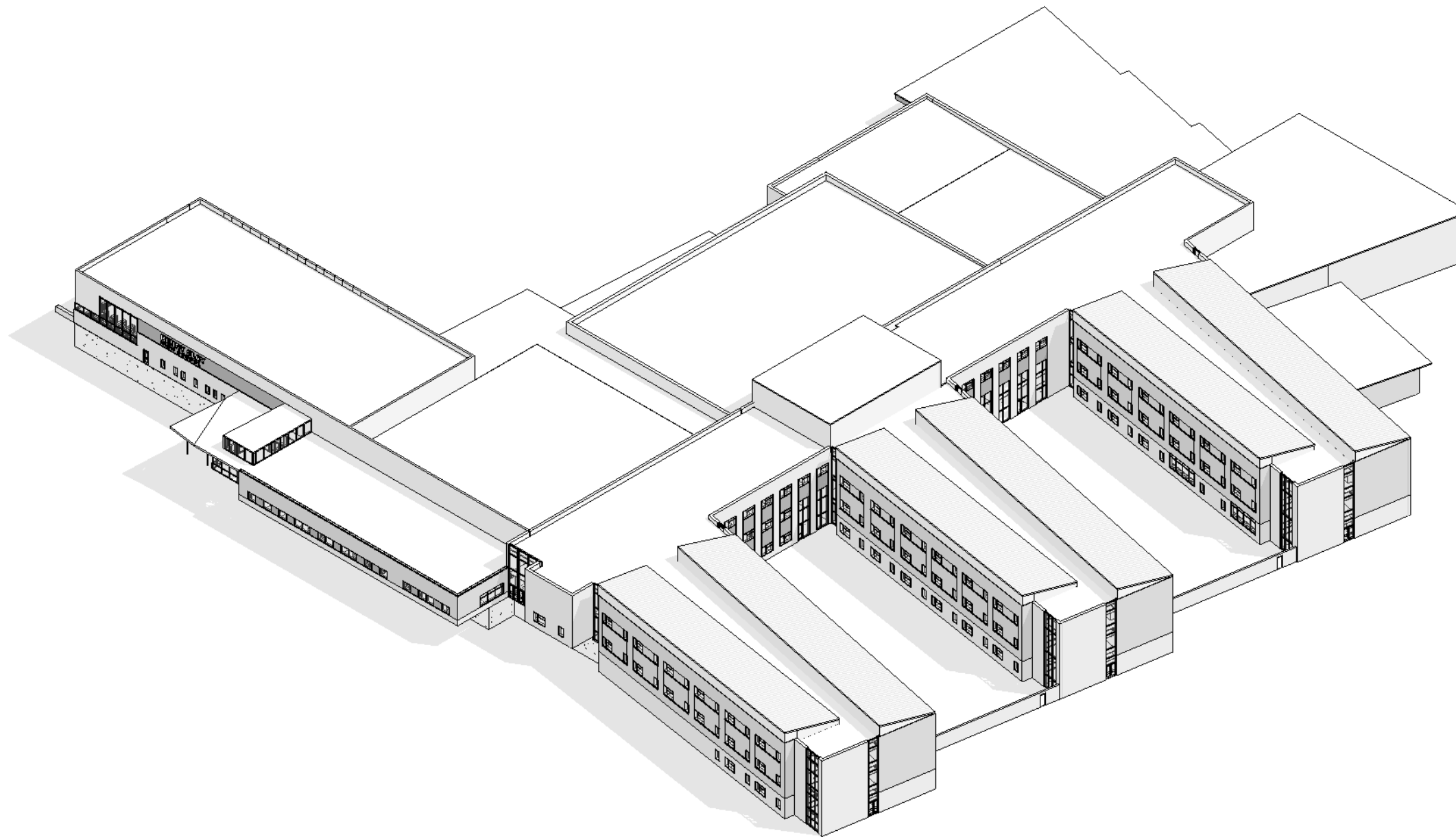
A-200



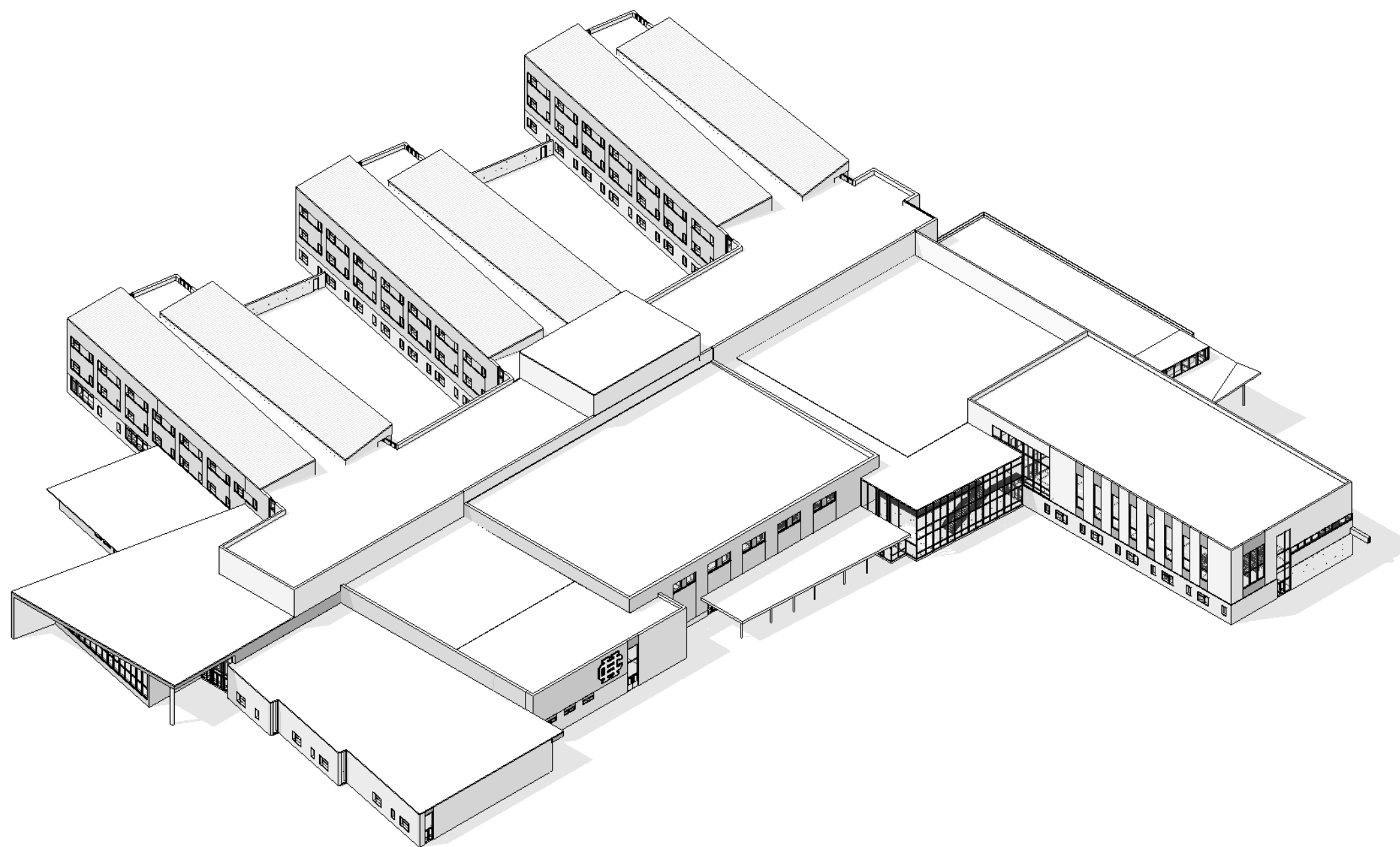




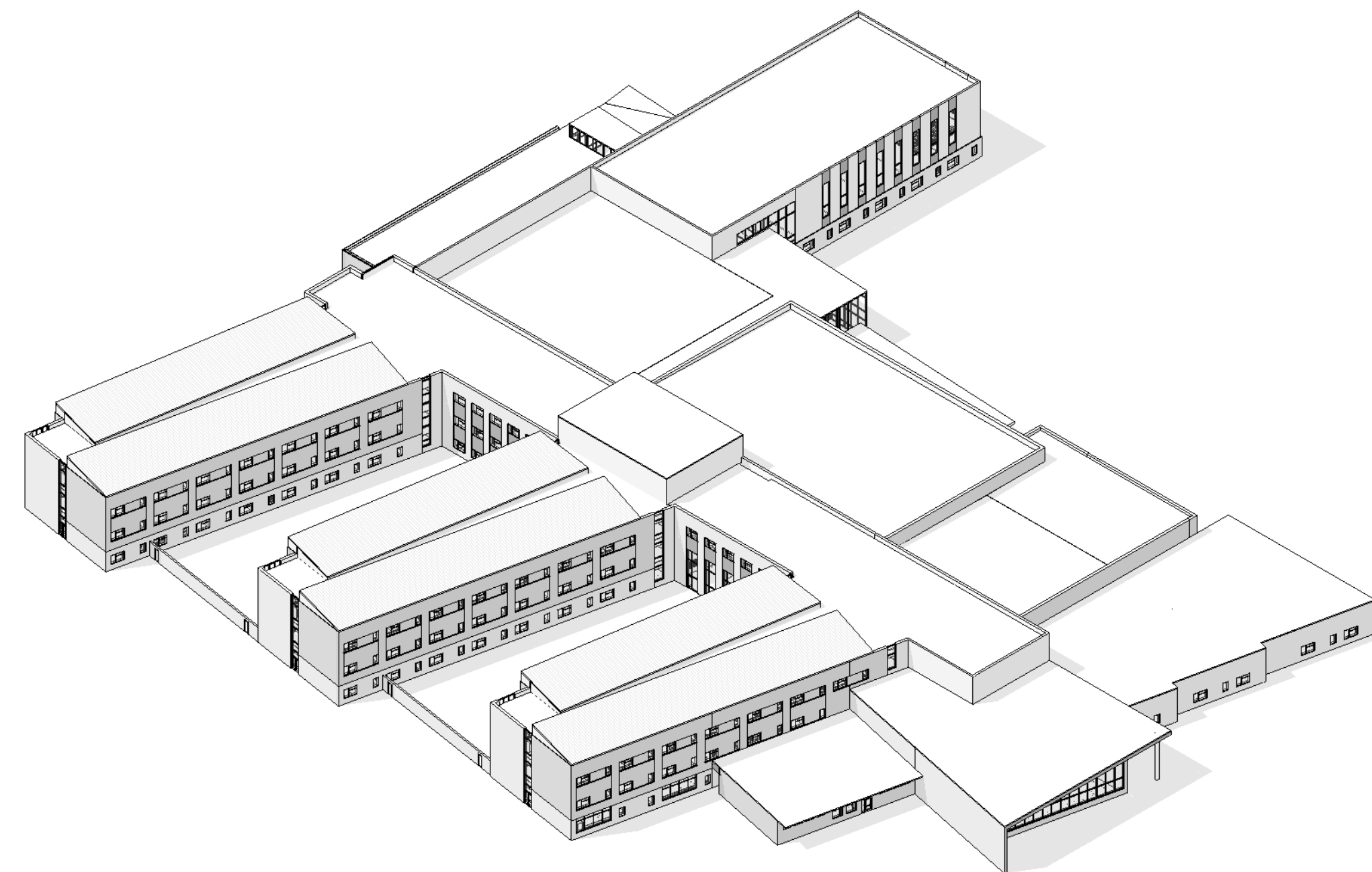
1 AXONOMETRIC - NORTH EAST CORNER



2 AXONOMETRIC - NORTH WEST CORNER



3 AXONOMETRIC - SOUTH EAST CORNER



4 AXONOMETRIC - SOUTH WEST CORNER

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3D AXONOMETRIC VIEWS

FAYETTE COUNTY PUBLIC SCHOOLS  
NEW HENRY CLAY HIGH SCHOOL

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A-900