



**TOWN OF BROOKLINE**  
**PROJECT # 1822**

**BALDWIN SCHOOL**

484-490 Heath Street, Brookline, MA

5/22/2019

SCHEMATIC DESIGN

LIST OF DRAWINGS	
Sheet Number	Sheet Name
<b>EXISTING CONDITION</b>	
EC	EXISTING CONDITIONS - PLAN OF LAND
<b>CIVIL</b>	
CO10	UTILITIES AND DRAINAGE PLAN
<b>ARCHITECTURE</b>	
A100	BASE FLOOR PLAN
A100A	BASE FLOOR PLAN - A
A101	FIRST FLOOR PLAN
A101A	FIRST FLOOR PLAN - A
A102	SECOND FLOOR PLAN
A102A	SECOND FLOOR PLAN - A
A102B	SECOND FLOOR PLAN - B
A102C	SECOND FLOOR PLAN - C
A103	THIRD FLOOR PLAN
A103A	THIRD FLOOR PLAN - A
A103B	THIRD FLOOR PLAN - B
A103C	THIRD FLOOR PLAN - C
A104	FOURTH FLOOR PLAN
A104A	FOURTH FLOOR PLAN - A
A104B	FOURTH FLOOR PLAN - B
A104C	FOURTH FLOOR PLAN - C
A105	ROOF PLAN
A105A	ROOF PLAN - A
A105B	ROOF PLAN - B
A105C	ROOF PLAN - C
A200	BUILDING ELEVATIONS
A300	BUILDING SECTIONS
A400	EXTERIOR 3D VIEWS
A500	TYPICAL INTERIOR ELEVATIONS
A501	TYPICAL INTERIOR ELEVATIONS
<b>FIRE PROTECTION</b>	
FP100	GARAGE LEVEL RCP - FIRE PROTECTION
FP101	FIRST FLOOR RCP - FIRE PROTECTION
FP102	SECOND FLOOR RCP - FIRE PROTECTION
FP103	THIRD FLOOR RCP - FIRE PROTECTION
FP104	FOURTH FLOOR RCP - FIRE PROTECTION
<b>PLUMBING</b>	
P100	GARAGE LEVEL PLAN - PLUMBING
P101	FIRST FLOOR PLAN BELOW SLAB - PLUMBING
P102	FIRST FLOOR PLAN - PLUMBING
P103	SECOND FLOOR PLAN - PLUMBING
P104	THIRD FLOOR PLAN - PLUMBING
P105	FOURTH FLOOR PLAN - PLUMBING
P106	ROOF PLAN - PLUMBING
<b>MECHANICAL</b>	
M100	HVAC - BASE FLOOR PLAN
M101	HVAC - FIRST FLOOR PLAN
M102	HVAC - SECOND FLOOR PLAN
M103	HVAC - THIRD FLOOR PLAN
M104	HVAC - FOURTH FLOOR PLAN
M105	HVAC - ROOF PLAN
M200	HVAC - HYDRONIC FLOW DIAGRAM
M201	HVAC - AHU AIRFLOW AND HYDRONIC FLOW DIAGRAMS
<b>ELECTRICAL</b>	
E001	ELECTRICAL SYMBOL LIST
E200	GARAGE LEVEL PLAN - ELECTRICAL
E201	FIRST FLOOR PLAN - ELECTRICAL
E202	SECOND FLOOR PLAN - ELECTRICAL
E203	THIRD FLOOR PLAN - ELECTRICAL
E204	FOURTH FLOOR PLAN - ELECTRICAL
E205	ROOF PLAN - ELECTRICAL
E301	ONE-LINE RISER DIAGRAM
E405	FIRE ALARM RISER & DETAILS

SITE ADDRESS:

484-490  
HEATH STREET  
BROOKLINE, MA

PREPARED FOR:

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1	DMC	JDB	1/24/19	UPDATE CONTOURS/ELECTRIC
NO	BY	APP	DATE	ISSUE/REVISION DESCRIPTION
DATE:	1/19/16			
SCALE:	1" = 20'			
DRAWN BY:	JTL			
APPRVD. BY:	JDB	CHECK BY:	JDB	

EXISTING  
CONDITIONS  
PLAN OF LAND

DWG: 20276-SV3.dwg

LAYOUT: EC

SHEET: 1 OF 1

PROJECT NO.: 20276

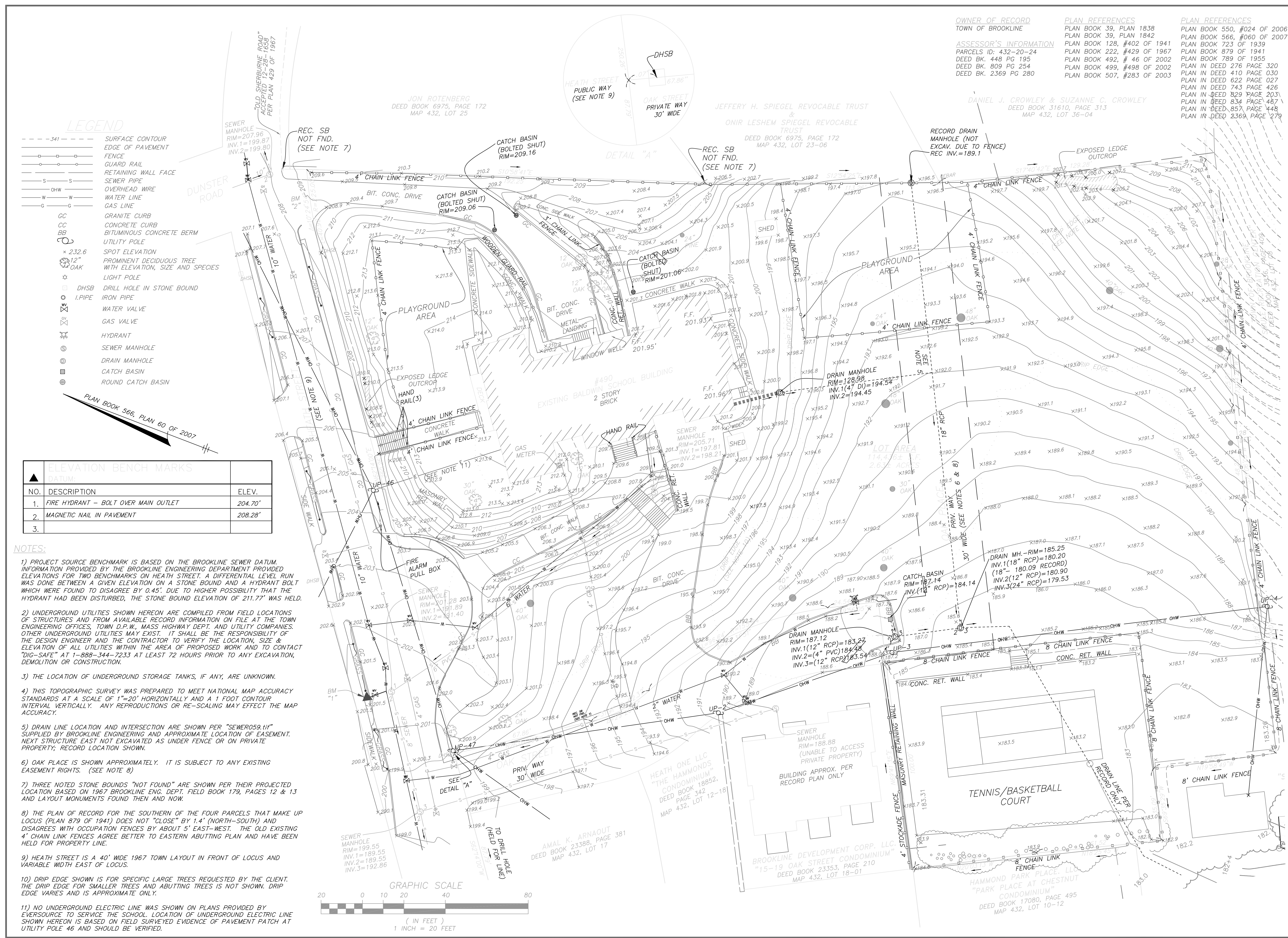
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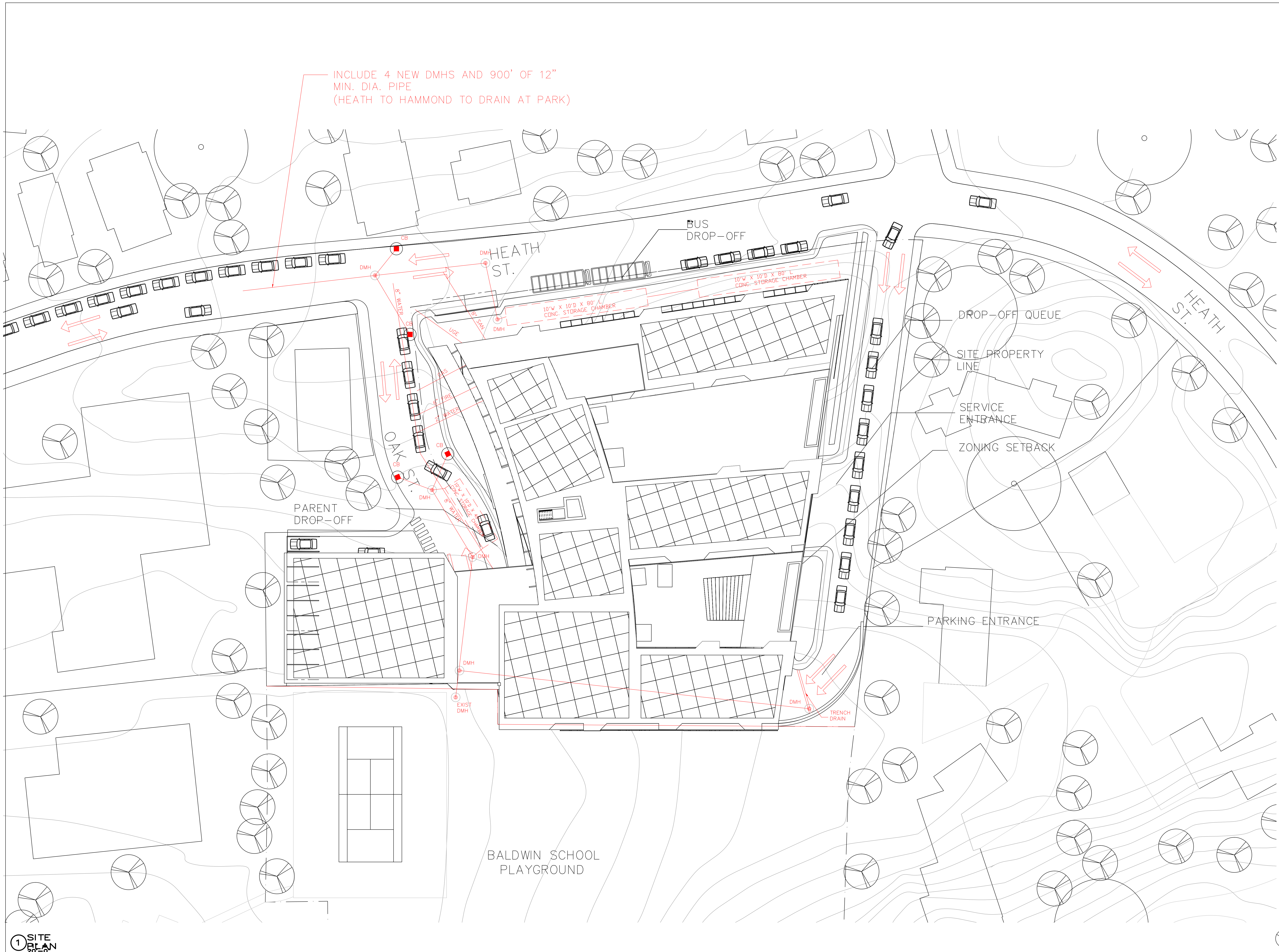
**OWNER OF RECORD**  
TOWN OF BROOKLINE

**ASSESSOR'S INFORMATION**  
PARCELS ID: 432-20-24  
DEED BK. 448 PG 195  
DEED BK. 809 PG 254  
DEED BK. 2369 PG 280

**PLAN REFERENCES**  
PLAN BOOK 39, PLAN 1838  
PLAN BOOK 39, PLAN 1842  
PLAN BOOK 128, #402 OF 1941  
PLAN BOOK 222, #429 OF 1941  
PLAN BOOK 492, # 46 OF 2002  
DEED BK. 499, #498 OF 2002  
PLAN BOOK 507, #283 OF 2003

**PLAN REFERENCES**  
PLAN BOOK 550, #024 OF 2006  
PLAN BOOK 566, #060 OF 2007  
PLAN BOOK 723 OF 1939  
PLAN BOOK 879 OF 1941  
PLAN BOOK 789 OF 1955  
PLAN IN DEED 276 PAGE 320  
PLAN IN DEED 410 PAGE 030  
PLAN IN DEED 622 PAGE 027  
PLAN IN DEED 743 PAGE 426  
PLAN IN DEED 829 PAGE 203  
PLAN IN DEED 834 PAGE 467  
PLAN IN DEED 857 PAGE 448  
PLAN IN DEED 2369, PAGE 279





INCLUDE 4 NEW DMHS AND 900' OF 12" MIN. DIA. PIPE (HEATH TO HAMMOND TO DRAIN AT PARK)

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NOT FOR CONSTRUCTION

**BALDWIN SCHOOL**  
 Brookline, MA

PROJECT STATUS  
 Issue Date  
 01/18/19

REVISIONS

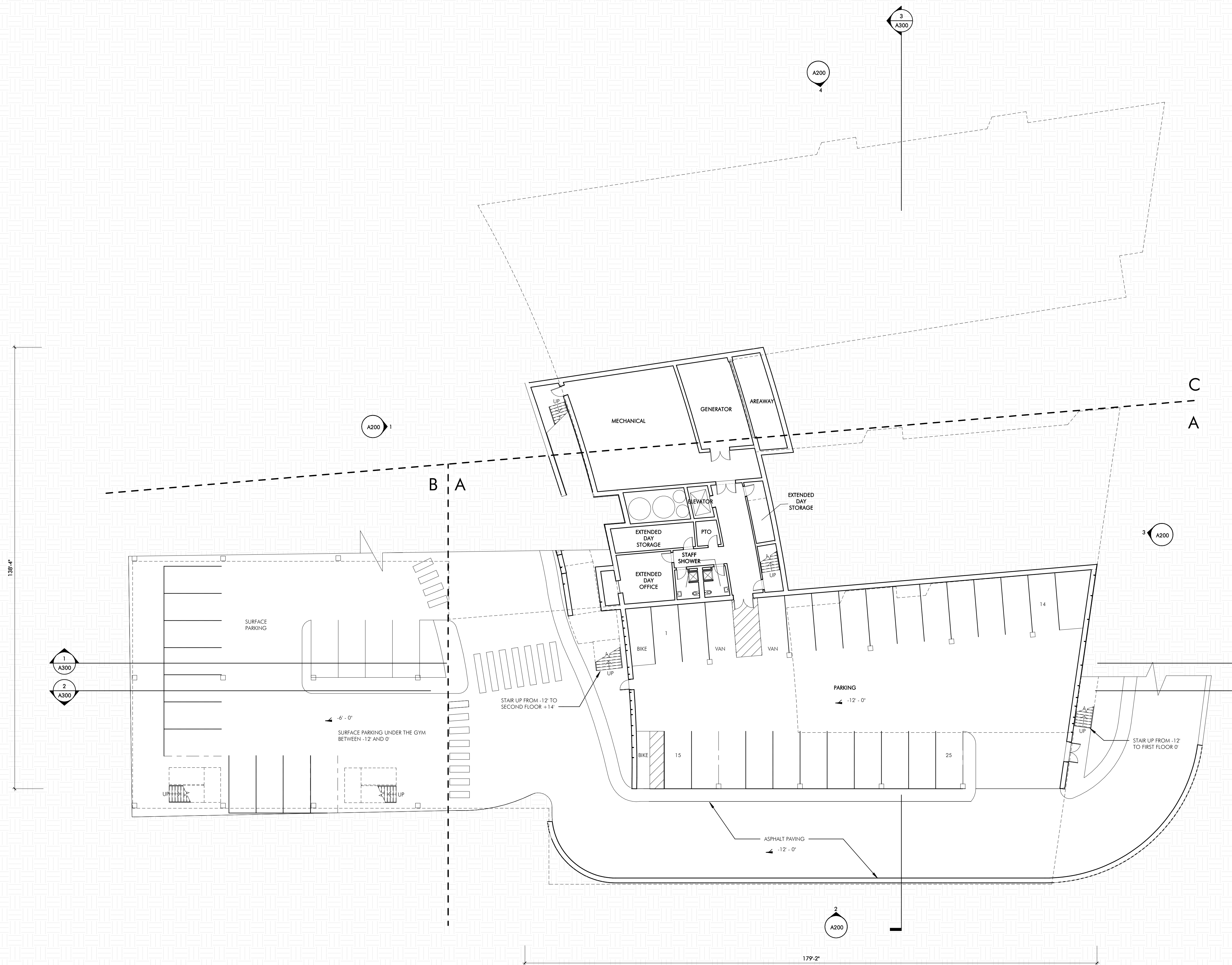
No.	Date	Description

DRAWING NAME  
**UTILITIES AND DRAINAGE PLAN**

PROJECT NO. Project Number  
 DRAWING NO.

**C010**

1 BASE FLOOR PLAN - OVERALL  
1/16" = 1'-0"



BASE FLOOR GSF: 4,775 SF

**INTERIOR FINISHES**

**ACADEMIC AREAS: CLASSROOMS, SCIENCE, MEDIA, ART, MUSIC, VOCATIONAL, SPED**  
 - FLOOR - 12" X 12" 1/3 RUNNING BOND VCT (TPV VCT B.O.D.) - ARMSTRONG STONETRI  
 - BASE - 12" VCT WITH SCHLUTER TOP EDGE WHERE EXPOSED  
 - LOWER WALL (36" HIGH) - MAGNETIC WRITABLE SURFACE WALL COVERING  
 - UPPER WALL (104" HIGH) - PAINTED GWB  
 - CURVED WALL - MAGNETIC WRITABLE SURFACE WALL COVERING OVER CURVED GWB PARTITION;  
 - MARKER TRAY/BUMPER - SINGLE LAYER 3/4" P.LAM WITH HD WD TOP MARKER TRAY AND BOTTOM  
 EDGE  
 - CEILING - EXPOSED DECK, PAINTED 2/3 OF ROOM; 1/3 - ACT LAY IN TILE WITH 1/3 RUNNING BOND  
 GRID PATTERN AND GWB ANGLED SOFFIT. SUMMER BEAM AT EXPOSED DECK LIGHT COVE AND  
 CEILING RETURN - PLAM 4" VCT W/ 3" X 6" HIGH  
 - MILLWORK AT TYP CLASSROOMS: 30" DEEP P.LAM COUNTER AT EXTERIOR WALL W/ EXPOSED  
 BRACKETS. FULL TOP AT WINDOW/MOBILE STORAGE 30"X27" (6" PER CLASSROOM); SHELVING AT  
 EXTERIOR WALL (4) ADJUSTABLE SHELVES-MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE  
 STANDARDS W/LOCKING AND W" X 1/4" HD WD EDGE, FINISHED SHELVES JAMB PANELS, PLAM  
 ANGLED LIGHT REFLECTORS W/ K' HD WD EDGES; FOLDING SCREEN - 4' X 6' X 2" THK FOLDING  
 SCREEN AT CORRIDOR WALL, PLAM BOTH SIDES AND HD WD EDGES.  
 - MILLWORK AT SCIENCE CLASSROOMS: 24" COUNTERS AND 24" HIGH BACKSPLASH-SOLID EPOXY  
 ON EXPOSED BRACKETS; MOBILE STORAGE - 36"X27" (6" PER CLASSROOM); PLAM UPPER CABINETS  
 ABOVE COUNTERS  
 - OPERABLE PARTITIONS BETWEEN CLASSROOM PAIR, MAGNETIC WRITABLE SURFACE BOTH SIDES  
 - DOOR - 36"X102" BIRCH FULL LITE SOLID CORE WITH HOLLOW METAL FRAME

**TEACHER PLANNING (TR) ROOMS:**  
 - FLOOR - 12" X 12" 1/3 RUNNING BOND VCT  
 - BASE - 12" VCT WITH SCHLUTER TOP EDGE  
 - CEILING - ACT LAY IN TILE IN 1/3 RUNNING BOND GRID PATTERN  
 - MILLWORK - PLAM COUNTERS W/ 3" HD WD EDGE AND CONCEALED STEEL BRACKETS; REAR WALL  
 SHELVING-FULL WIDTH (6) ADJUSTABLE SHELVES-MELAMINE W/CUSTOM COLOR BRACKETS ON  
 SURFACE STANDARDS W/LOCKING AND W" X 1/4" HD WD EDGE  
 - DOOR TO CORRIDOR - 36"X102" BIRCH FULL LITE SOLID CORE WITH SLIDING BARN-DOOR HARDWARE

**MUSIC AREAS:**  
 - WALLS AT PRACTICE ROOMS AND DOUBLE HIGH BAND SPACE - FABRIC WRAPPED ACOUSTIC PANELS  
 - CEILING - ACT LAY IN TILE 1/3 RUNNING BOND (B.O.D.) - ARMSTRONG ULTIMA; 3 DIMENSIONAL  
 METAL PANEL CEILING AT BAND/CHORUS (B.O.D. USG GEOMETRI)

**CORRIDORS AND PUBLIC AREAS:**  
 - FLOOR - 12" X 12" 1/3 RUNNING BOND VCT, ACCENT COLORS AT COHORT COMMONS  
 - BASE - 12" VCT WITH SCHLUTER TOP EDGE WHERE EXPOSED  
 - WALLS - PLAM PANEL W/ FINISHED EDGES 12" - 106" HIGH ON 1/4" SUBSTRATE OVER GWB PARTITION.  
 - FLOORS - 12" X 12" 1/3 RUNNING BOND VCT TIE  
 - CEILING AT CORRIDORS - SUSPENDED ACT LAY IN 1/3 RUNNING BOND GRID PATTERN  
 INTERIOR GLAZING - (12" HIGH) HIGH ALL LOCATIONS 1/4" LAMINATED GLASS ACOUSTIC - DOUBLE  
 1/2" LAMINATED, BUTT GLAZED, CHANNEL GLAZED TOP AND BOTTOM ABOVE 1/2" VCT KNEEWALL  
 BASE - GRANITE PATTERN GLAZING AT TEACHER PLANNING ROOMS  
 - MILLWORK - WD CANTELEVERED BENCHES AT CLASSROOM GLAZED PARTITIONS, CONCEALED STL  
 BRACKETS  
 - LOCKERS - SINGLE TIER 36" X 15" W. X 15" PHENOLIC W/PLAM FACE LOCKERS ON 4" PLYWOOD  
 AND VCT TILE BASE, WITH WD VENEER FINISH PANELS AT SIDES AND BACK, ANGLED PLAM TOP WITH  
 INTERMITTANT ANGLED LAM. GL. DISPLAY CABINETS - ACTS AS GUARDRAIL AT FLOORS 2 AND 3.  
 - DOOR - 36"X102" BIRCH SOLID CORE WITH HOLLOW METAL FRAME

**ADMINISTRATION AREAS, OFFICES, MEDICAL:**  
 - FLOOR - 12" X 12" 1/3 RUNNING BOND VCT (TPV VCT B.O.D.) - ARMSTRONG STONETRI  
 - BASE - 12" VCT WITH SCHLUTER TOP EDGE WHERE EXPOSED  
 - WALLS - PTD GWB  
 - CEILING AT CORRIDORS - SUSPENDED ACT LAY IN 1/3 RUNNING BOND GRID PATTERN (B.O.D.  
 ARMSTRONG OPTIMA)  
 - MILLWORK - PLAM CUSTOM BASE & UPPER CABINETS W/ ADJUSTABLE SHELVING, PLAM COUNTER  
 WIND WD EDGE, TACKABLE SURFACE BACKSPLASH; (B) ADJUSTABLE SHELVES AT OFFICES (TPV),  
 MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/LOCKING AND W" X 1/4" HD  
 WD EDGE

**AUDITORIUM:**  
 - WALLS - 50% ACOUSTIC WOOD WALL SYSTEM (ARMSTRONG WOODWORKS); 50% GROUND FACED  
 BLOCK  
 - FLOOR - CARPET AT AISLES, SLAB ON GRADE POWER TROWELED CONCRETE AT SEATS (SLAB IS  
 SLOPED AT SEATING AREA)  
 - CEILING - PTD, EXPOSED METAL DECK WITH 50% SUSPENDED WOOD PANEL CEILING (ARMSTRONG  
 WOODWORKS)  
 - 24" Ø DIAMETER DOUBLE DOME ACRYLIC BUBBLE SKYLIGHT  
 - FLOOR MOUNTED FOLD UP AUDITORIUM SEATING (420 SEATS)

**GYM:**  
 - FLOOR - WOOD ATHLETIC FLOORING  
 - BASE - VENTED RUBBER BASE  
 - WALLS - GYM WALL PANS TO BE 8'-8" A.F.F. EXCEPT BEHIND BLEACHERS, PRE-ENGINEERED STANDARD  
 FINISH EVERYWHERE ELSE  
 - CEILING - SUSPENDED LAY IN PRE PAINTED TEGULAR EDGE TECTUM PLANK AND EXPOSED DECK,  
 PTD.  
 - BLEACHERS - TELESCOPING, WALL MOUNTED, MOTORIZED FOR UP TO 750 SEATS

**TOILET ROOMS:**  
 - FLOOR - PORCELAIN TILE  
 - BASE - METAL COVE BASE  
 - WALLS TO 96" - CERAMIC TILE, W/ ACCENT COLOR, PTD GWB ABOVE W/HIGH PERFORMANCE  
 COATING  
 - CEILING - PTD W/HIGH PERFORMANCE COATING  
 - MILLWORK - SOLID SURFACE COUNTERS WITH CONCEALED STEEL BRACKETS

**OTHER ROOMS:**  
 FLOORS  
 - QUARRY TILE AT KITCHEN, 1/3 RUNNING BOND  
 - SEALED CONCRETE AT BACK OF HOUSE  
 - STAIRS - VCT TREADS & RISERS WITH RUBBER NOSING, VCT TILE AT LANDINGS  
 WALLS  
 - FIBER REINFORCED PANELS IN KITCHEN  
 INTERIOR GLAZING TO BE CHANNEL GLAZING NOT HM  
 CEILING  
 - ACT IN BACK OF HOUSE AREAS, LOCKER ROOMS & KITCHEN

**GENERAL:**  
 - CLASSROOM LOCKERS 15" W x 20" D x 36" H W/ ANGLE TOP - PHENOLIC W/ PLAM FINISH AND WD  
 VENEER SIDES AND BACK  
 - ATHLETIC FT LOCKERS 55" COUNT PER LOCKER ROOM - METAL 2 TIER 30" H x 15" W x 15" D  
 - ROLLER SHADE AT DOORS WITH LITES AND GLAZED PARTITIONS  
 - ROLLER SHADE AT SOUTH EXTERIOR WINDOWS  
 - MILLWORK PLAM - WD GRAN PLAM FINISH  
 - 2" MAXXON TOPPING SLAB-ACOUSTIC AT FLOORS 2, 3, 4

**TECH/ FIXTURES/ FURNISHINGS:**  
 ACADEMIC AREAS:  
 - OPERABLE WINDOWS  
 - LOW VOLUME DISPLACEMENT VENTILATION  
 - INDIRECT LED COVE LIGHTING  
 - PAGING SYSTEM, WIRELESS DATA INTERCOM, CLOCK SYSTEM,  
 SOUND LIFT SYSTEM, WIRELESS ACCESS POINT, LED TOUCH SCREEN MONITOR

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 CONSTRUCTION

**BALDWIN SCHOOL**  
 484-480 Heath Street, Braintree, MA

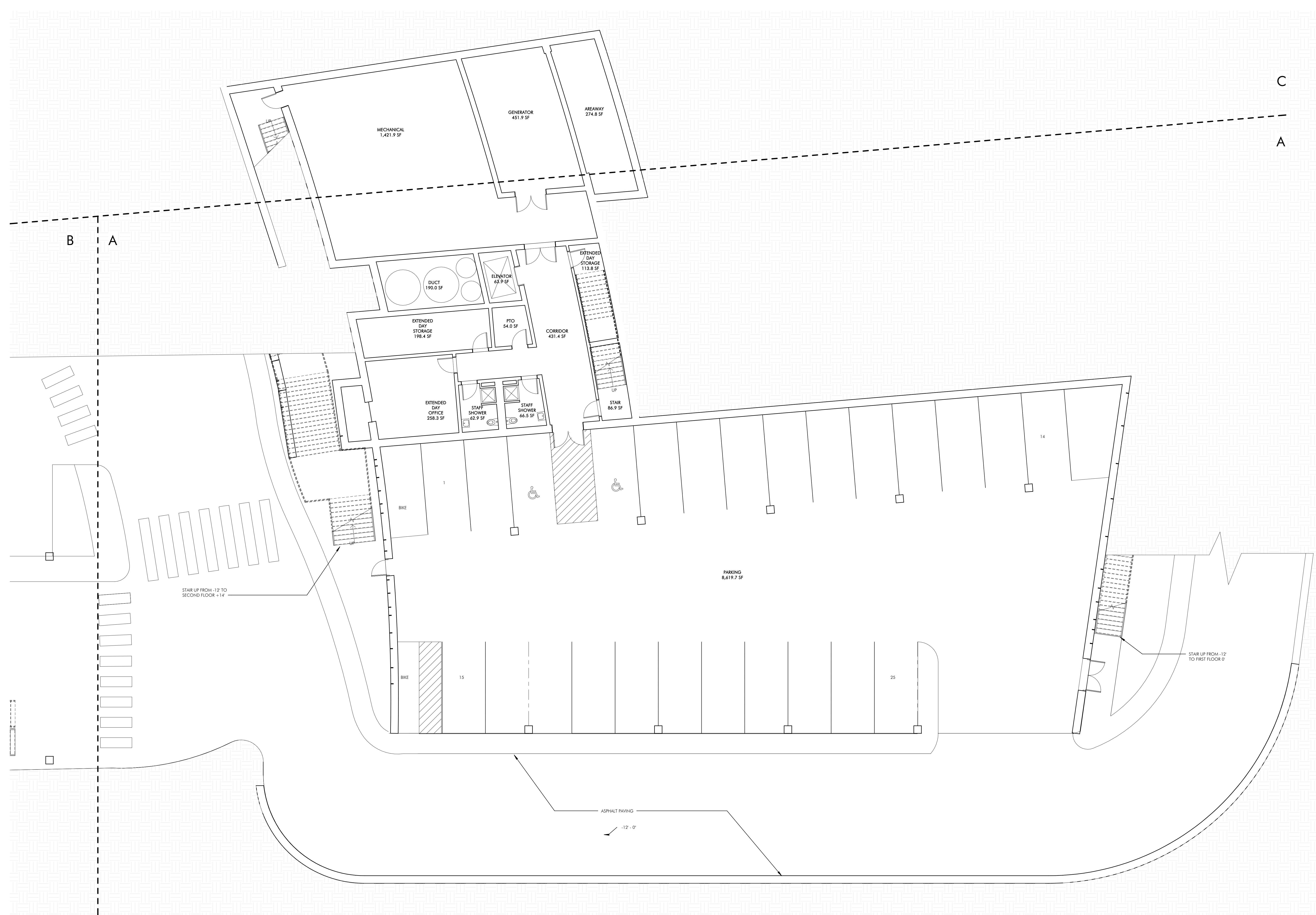
PROJECT STATUS  
 5/22/2019  
 SCHEMATIC DESIGN

REVISIONS	
No.	Description

DRAWING NAME  
**BASE FLOOR PLAN**

PROJECT NO. 1822

DRAWING NO.  
**A100**



1 BASE FLOOR PLAN - A  
1/8" = 1'-0"

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CONSTRUCTION

**BALDWIN SCHOOL**  
484-490 Heath Street, Braintree, MA

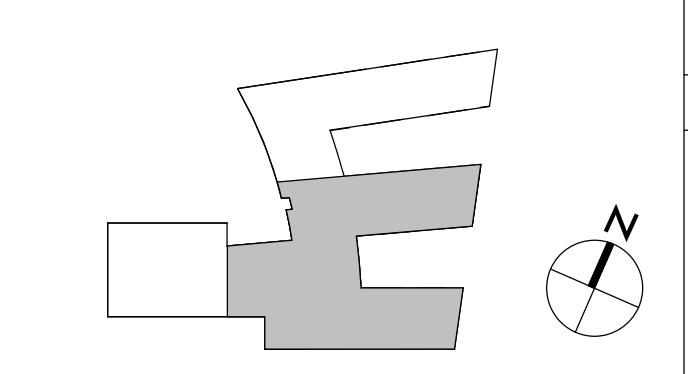
PROJECT STATUS  
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SCHEMATIC DESIGN

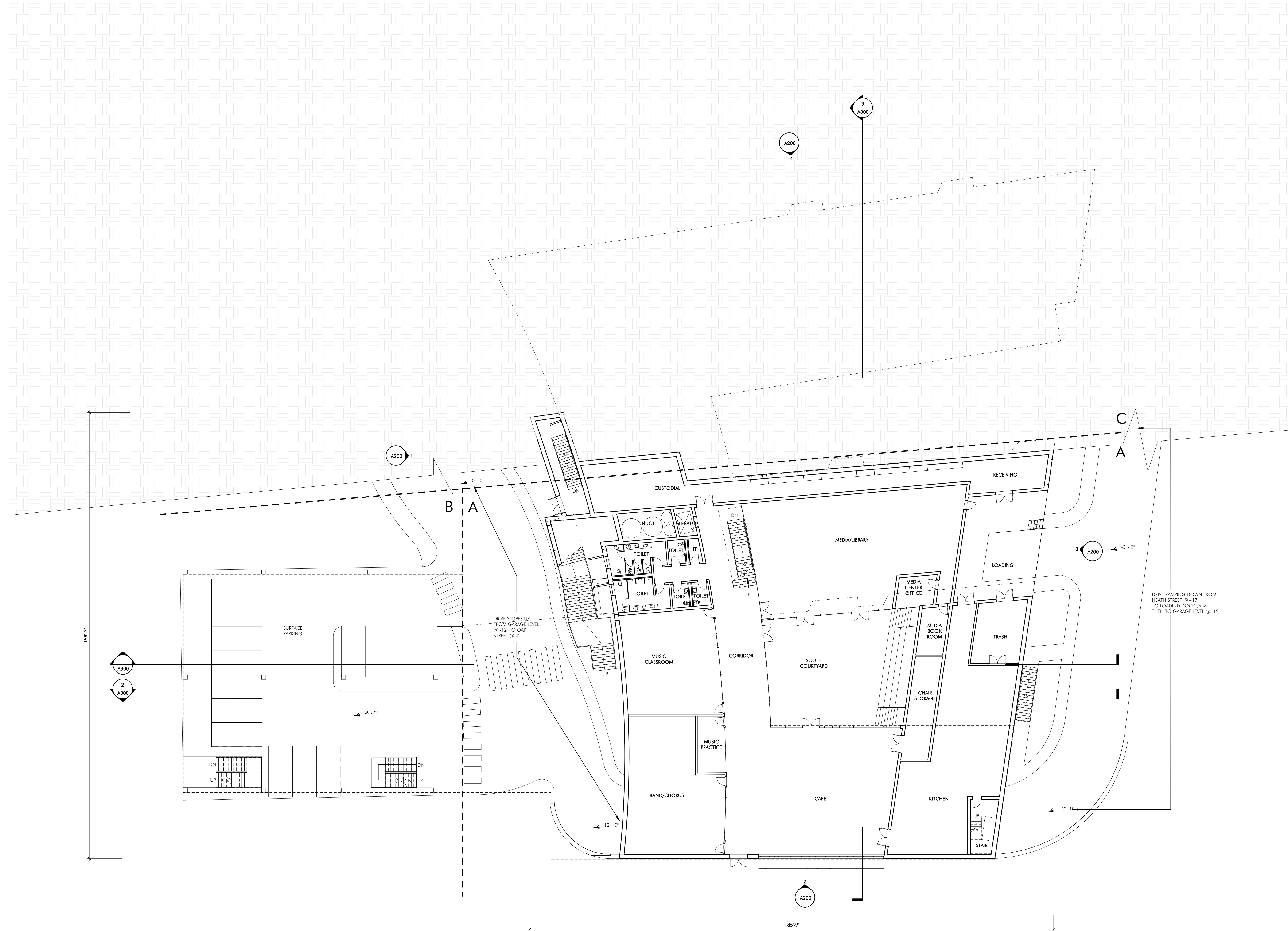
REVISIONS		
No.	Date	Description

DRAWING NAME  
BASE FLOOR PLAN  
- A

PROJECT NO. 1822  
DRAWING NO.

**A100A**





1 FIRST FLOOR PLAN - OVERALL  
1/4" = 1'-0"

FIRST FLOOR GSF: 17,521 SF

**INTERIOR FINISHES**

- ACADEMIC AREAS: CLASSROOMS, SCIENCE, MEDIA, ART, MUSIC, VOCATIONAL, SPED
  - FLOOR - 12" X 12" 1/3 RUNNING BOND VCT (TYP VCT B.O.D. - ARMSTRONG STONETEX)
  - BASE - 12" VCT WITH SCHLITZER TOP EDGE WHERE EXPOSED
  - LOWER WALL (20'-10 1/2") - MAGNETIC WRITABLE SURFACE WALL COVERING
  - UPPER WALL (10'-1 1/2") - PAINTED GWB
  - CURVED WALL - MAGNETIC WRITABLE SURFACE WALL COVERING OVER CURVED GWB PARTITION;
  - MARKER TRAYS/RUBBER - SINGLE LAYER 3/4" P-LAM WITH HD WD TOP-MARKER TRAY AND BOTTOM EDGE.
  - CEILING - EXPOSED DECK. PAINTED 2/3 OF ROOM; 1/3 - ACT LAY IN TILE WITH 1/3 RUNNING BOND GRID PATTERN AND GWB ANGELED SOFFIT. SUMMER BEAM AT EXPOSED DECK LIGHT COVE AND CEILING RETURN - PLAM 4" X 4" WIDE X 4" HIGH
  - MILLWORK AT TYP CLASSROOMS - 30" DEEP PLAM COUNTER AT EXTERIOR WALL W/ EXPOSED BRACKETS, FLIP TOP AT WINDOW; MOBILE STORAGE - 36"W X 27"H (6) PER CLASSROOM; SHELVING AT EXTERIOR WALL (4) ADJUSTABLE SHELVES-MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/LOCKING AND 1/4" X 1/4" HD WD EDGES; FINISHED SHELF SIDE JAMB PANELS-PLAM ANGELED LIGHT REFLECTORS W/ 1/4" HD WD EDGES; FOLDING SCREEN - 6" X 8" X 2 1/2" THK FOLDING SCREEN AT CORRIDOR WALL, PLAM BOTH SIDES AND HD WD EDGES
  - MILLWORK AT SCIENCE CLASSROOMS - 24" COUNTERS AND 24" HIGH BACKSPASH-SOLID EPoxy ON EXPOSED BRACKETS; MOBILE STORAGE - 36"W X 27"H (6) PER CLASSROOM; PLAM UPPER CABINETS ABOVE COUNTERS
  - OPERABLE PARTITIONS BETWEEN CLASSROOM PAIR, MAGNETIC WRITABLE SURFACE BOTH SIDES
  - DOOR - 36" X 102" BIRCH FULL LITE SOLID CORE WITH HOLLOW METAL FRAME
- TEACHER PLANNING (TP) ROOMS
  - FLOOR - 12" X 12" 1/3 RUNNING BOND VCT
  - BASE - 12" VCT WITH SCHLITZER TOP EDGE
  - CEILING-ACT LAY IN TILE IN 1/3 RUNNING BOND GRID PATTERN
  - MILLWORK: PLAM COUNTERS W/ 3" HD WD EDGE AND CONCEALED STEEL BRACKETS; REAR WALL SHELVING-FULL WIDTH (8) ADJUSTABLE SHELVES-MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/LOCKING AND 1/4" X 1/4" HD WD EDGE
  - DOOR TO CORRIDOR - 36" X 102" BIRCH FULL LITE SOLID CORE WITH SLIDING BARN-DOOR HDWARE
- MUSIC AREAS
  - WALLS AT PRACTICE ROOMS AND DOUBLE HIGH BAND SPACE - FABRIC WRAPPED ACOUSTIC PANELS
  - CEILING- ACT LAY IN TILE 1/3 RUNNING BOND (B.O.D. - ARMSTRONG ULTIMA), 3 DIMENSIONAL METAL PANELS CEILING AT BAND/CHORUS (B.O.D. USE GEOMETRIK)
- CORRIDORS AND PUBLIC AREAS
  - FLOOR - 12" X 12" 1/3 RUNNING BOND VCT, ACCENT COLORS AT COHORT COMMONS
  - BASE - 12" VCT WITH SCHLITZER TOP EDGE WHERE EXPOSED
  - WALLS- PLAM PANEL W/ FINISHED EDGES 12" X 104" HIGH ON 1/4" SUBSTRATE OVER GWB PARTITION.
  - FLOORS - 12" X 12" 1/3 RUNNING BOND VCT TILE
  - CEILING AT CORRIDORS - SUSPENDED ACT LAY IN 1/3 RUNNING BOND GRID PATTERN
  - EXTERIOR GLAZING - (12"-104") HIGH ALL LOCATIONS 1/4" LAMINATED GLASS (ACOUSTIC - DOUBLE 1/2" UNANNEALED, BUTT GLAZED, CHANNEL GLAZED TOP AND BOTTOM ABOVE 12" VCT KNEEWALL BASE. GRADUATED PATTERN GLAZING AT TEACHER PLANNING ROOMS.
  - MILLWORK - W/ CHANNELLED BENCHES AT CLASSROOM GLAZED PARTITIONS, CONCEALED STL BRACKETS
  - LOCKERS - SINGLE TIER 36" X 18" W. X 18" PHENOLIC W/ PLAM FACE LOCKERS ON 4" RYWOOD AND VCT TILE BASE, WITH WD VENEER FINISH PANELS AT SIDES AND BACK, ANGELED PLAM TOP WITH INDENTANT ANGELED LAM. GL. DISHW/ CABINETS. ACTS AS GUARDRAIL AT FLOORS 2 AND 3.
  - DOOR - 36" X 102" BIRCH FULL LITE SOLID CORE WITH HOLLOW METAL FRAME
- ADMINISTRATION AREAS, OFFICES, MEDICAL
  - FLOOR - 12" X 12" 1/3 RUNNING BOND VCT (TYP VCT B.O.D. - ARMSTRONG STONETEX)
  - BASE - 12" VCT WITH SCHLITZER TOP EDGE WHERE EXPOSED
  - WALLS- PTD GWB
  - CEILING-PTD CORRIDORS - SUSPENDED ACT LAY IN 1/3 RUNNING BOND GRID PATTERN (B.O.D. ARMSTRONG OPTIMA)
  - MILLWORK: PLAM CUSTOM BASE & UPPER CABINETS W/ ADJUSTABLE SHELVING; PLAM COUNTER W/ HD WD EDGE, TACKABLE SURFACE BACKSPASH; (5) ADJUSTABLE SHELVES AT OFFICES (TYP); MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/LOCKING AND 1/4" X 1/4" HD WD EDGE
- AUDITORIUM
  - WALLS - 50% ACOUSTIC WOOD WALL SYSTEM (ARMSTRONG WOODWORKS), 50% GROUND FACED BLOCK
  - FLOOR - CARPET AT AISLES, SLAB ON GRADE POWER TROWELED CONCRETE AT SEATS (SLAB IS SLOPED AT SEATING AREA)
  - CEILING - PTD, EXPOSED METAL DECK WITH 50% SUSPENDED WOOD PANEL CEILING (ARMSTRONG WOODWORKS)
  - 3' & 4' DIAMETER DOUBLE DOME ACRYLIC BUBBLE SKYLIGHT
  - FLOOR MOUNTED FOLD UP AUDITORIUM SEATING (420 SEATS)
- GYM
  - FLOOR - WOOD ATHLETIC FLOORING
  - BASE - VENTED RUBBER BASE
  - WALLS - GYM WALL PADS TO BE 8'-8" A.F.F. EXCEPT BEHIND BLEACHERS, PRE-ENGINEERED STANDARD FINISH EVERYWHERE ELSE
  - CEILING - SUSPENDED LAY IN PRE PAINTED TEGULAR EDGE TECTUM PLANK AND EXPOSED DECK, PTD.
  - BLEACHERS- TELESCOPING, WALL MOUNTED, MOTORIZED FOR UP TO 750 SEATS
- TOILET ROOMS
  - FLOOR- PORCELAIN TILE
  - BASE- METAL COVE BASE
  - WALLS TO 98" - CERAMIC TILE, W/ ACCENT COLOR. PTD GWB ABOVE W/HIGH PERFORMANCE COATING
  - CEILING-PTD W/HIGH PERFORMANCE COATING
  - MILLWORK- SOLID SURFACE COUNTERTOPS WITH CONCEALED STEEL BRACKETS
- OTHER ROOMS:
  - FLOORS
    - QUARRY TILE AT KITCHEN, 1/3 RUNNING BOND
    - SEALED CONCRETE AT BACK OF HOUSE
    - STAIRS - VCT TREADS & RISERS WITH RUBBER NOSING, VCT TILE AT LANDINGS
  - WALLS
    - REBER REINFORCED PANELS IN KITCHEN
    - INTERIOR GLAZING TO BE CHANNEL GLAZING NOT HM
  - CEILING
    - ACT IN BACK OF HOUSE AREAS, LOCKER ROOMS & KITCHEN
  - GENERAL
    - CLASSROOM LOCKERS 15"W X 21"D X 38"H W/ ANGELED TOP - PHENOLIC W/ PLAM FINISH AND WD VENEER SIDES AND BACK
    - ATHLETIC 7 FE LOCKERS - 50 COUNT PER LOCKER ROOM - METAL 2 TIER 30"W X 15"D
    - ROLLER SHADE AT DOORS WITH LITES AND GLAZED PARTITIONS
    - ROLLER SHADE AT SOUTH EXTERIOR WINDOWS
    - MILLWORK PLAM - HD GRAB PLAM FINISH
    - 2" MAXION TOPPING SLAB-ACOUSTIC AT FLOORS 2, 3, 4
  - TECH/ FIXTURES/ FURNISHINGS
    - ACADEMIC AREAS
      - OPERABLE WINDOWS
      - LOW VOLUME DISPLACEMENT VENTILATION
      - INDIRECT LED COVE LIGHTING
      - PAGING SYSTEM, WIRELESS DATA INTERCOM, CLOCK SYSTEM,
      - SOUND LIFT SYSTEM, WIRELESS ACCESS POINT, LED TOUCH SCREEN MONITOR

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NOT FOR CONSTRUCTION

**BALDWIN SCHOOL**  
484-480 Heath Street, Boston, MA

PROJECT STATUS

5/22/2019  
SCHEMATIC DESIGN

REVISIONS

No.	Date	Description

DRAWING NAME

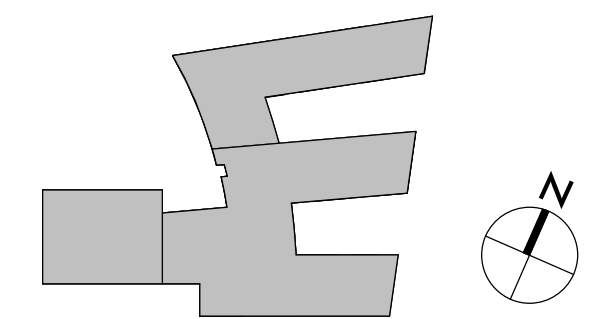
FIRST FLOOR PLAN

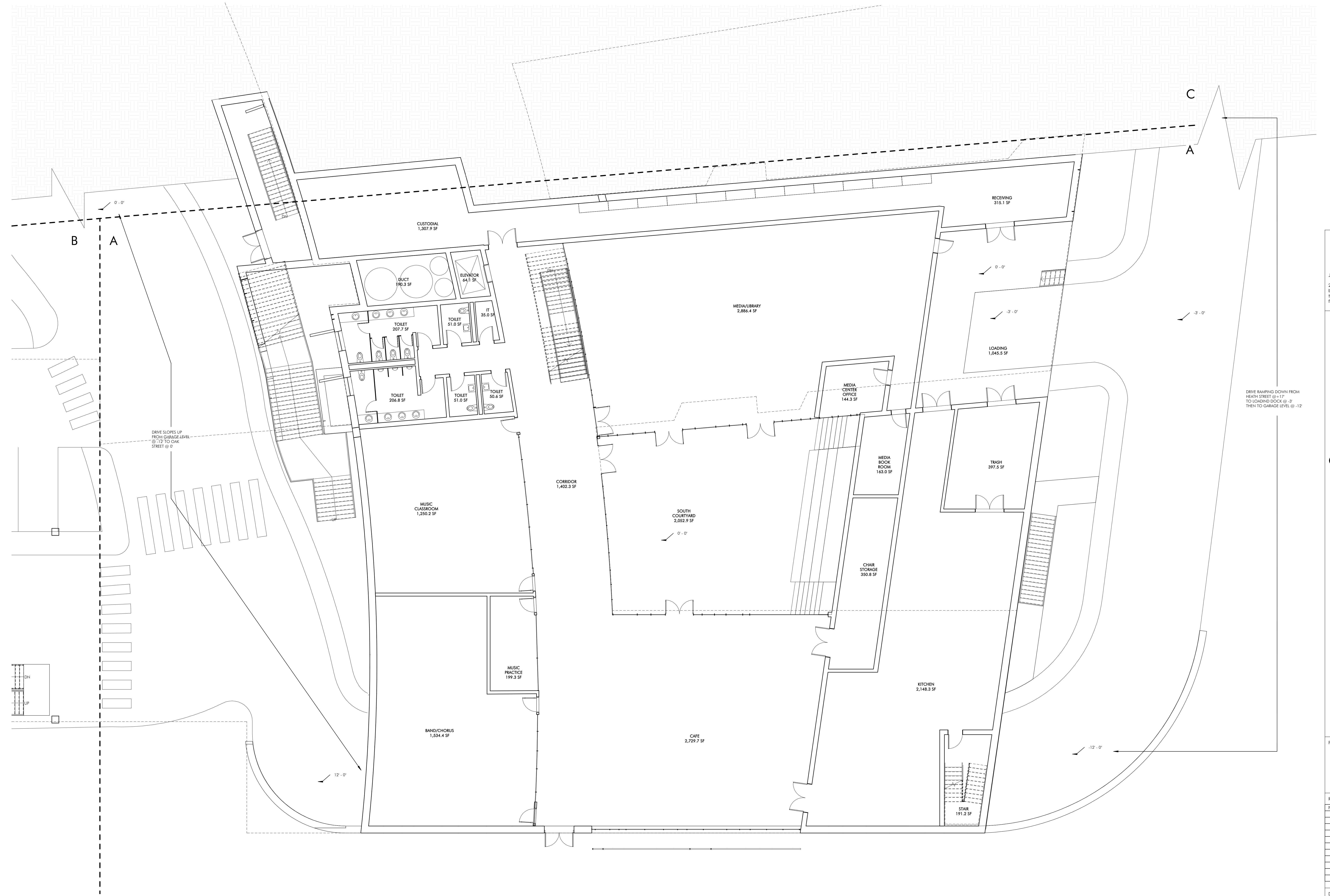
PROJECT NO.

1822

DRAWING NO.

**A101**





1 FIRST FLOOR PLAN - A  
1/8" = 1'-0"

**JLA**  
Jonathan Levi Architects  
266 Beacon Street  
Boston, MA 02116  
Tel: 617 437 9458  
Fax: 617 437 1965

NOT FOR  
CONSTRUCTION

**BALDWIN SCHOOL**  
484-490 Heath Street, Ipswich, MA

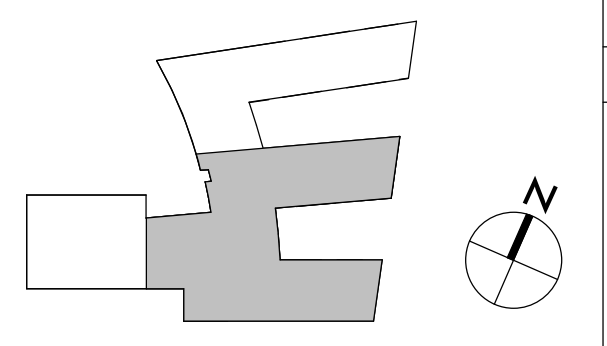
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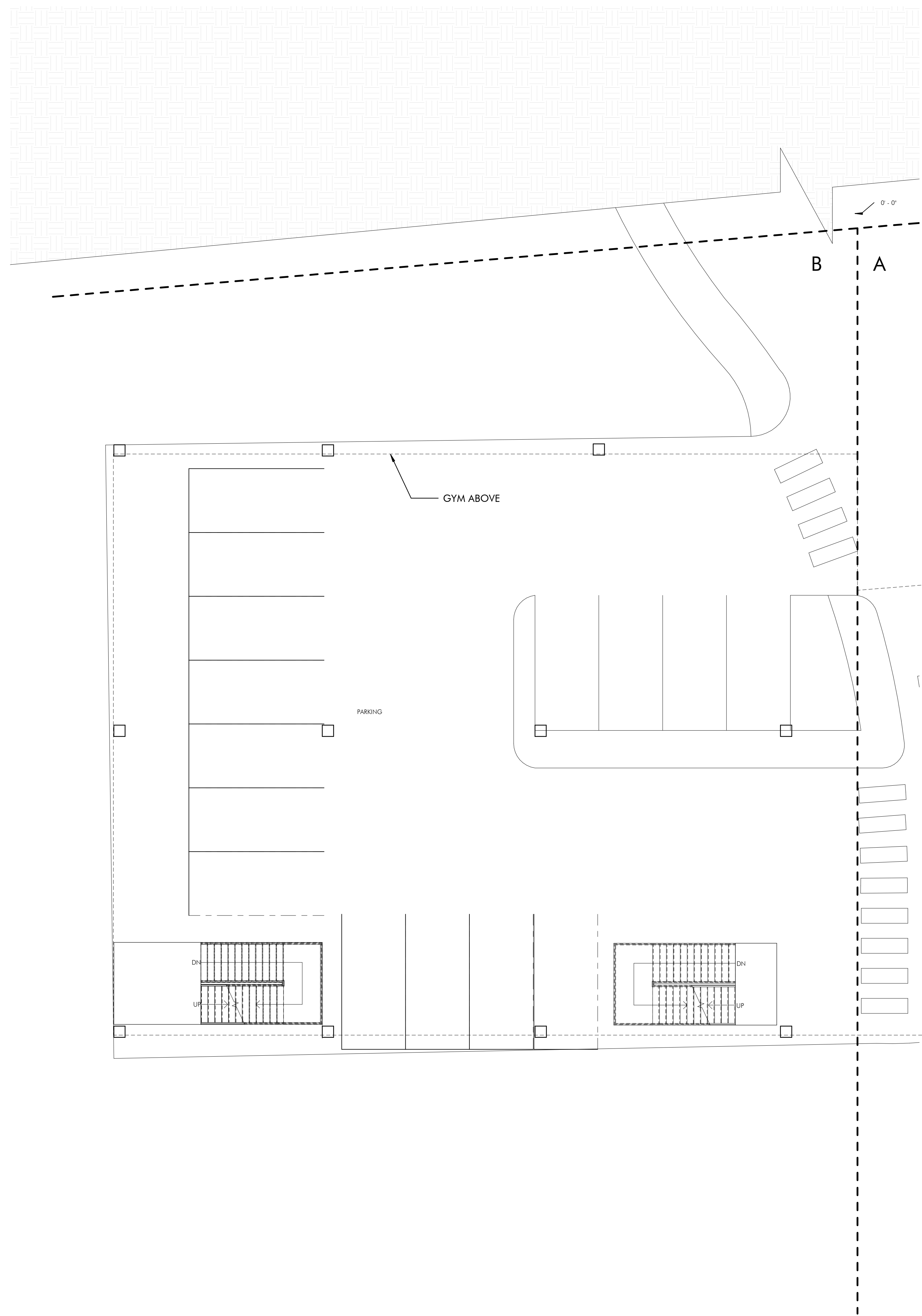
REVISIONS		
No.	Date	Description

DRAWING NAME  
FIRST FLOOR PLAN - A

PROJECT NO. 1822  
DRAWING NO.

A101A





1 FIRST FLOOR PLAN - B  
1/8" = 1'-0"

**JLA**  
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Fax: 617 437 1965

NOT FOR  
CONSTRUCTION

**BALDWIN SCHOOL**  
484-490 Heath Street, Brookline, MA

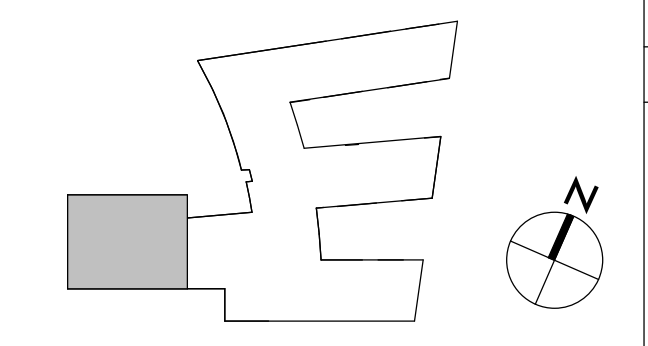
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5/22/2019  
SCHEMATIC DESIGN

REVISIONS		
No.	Date	Description

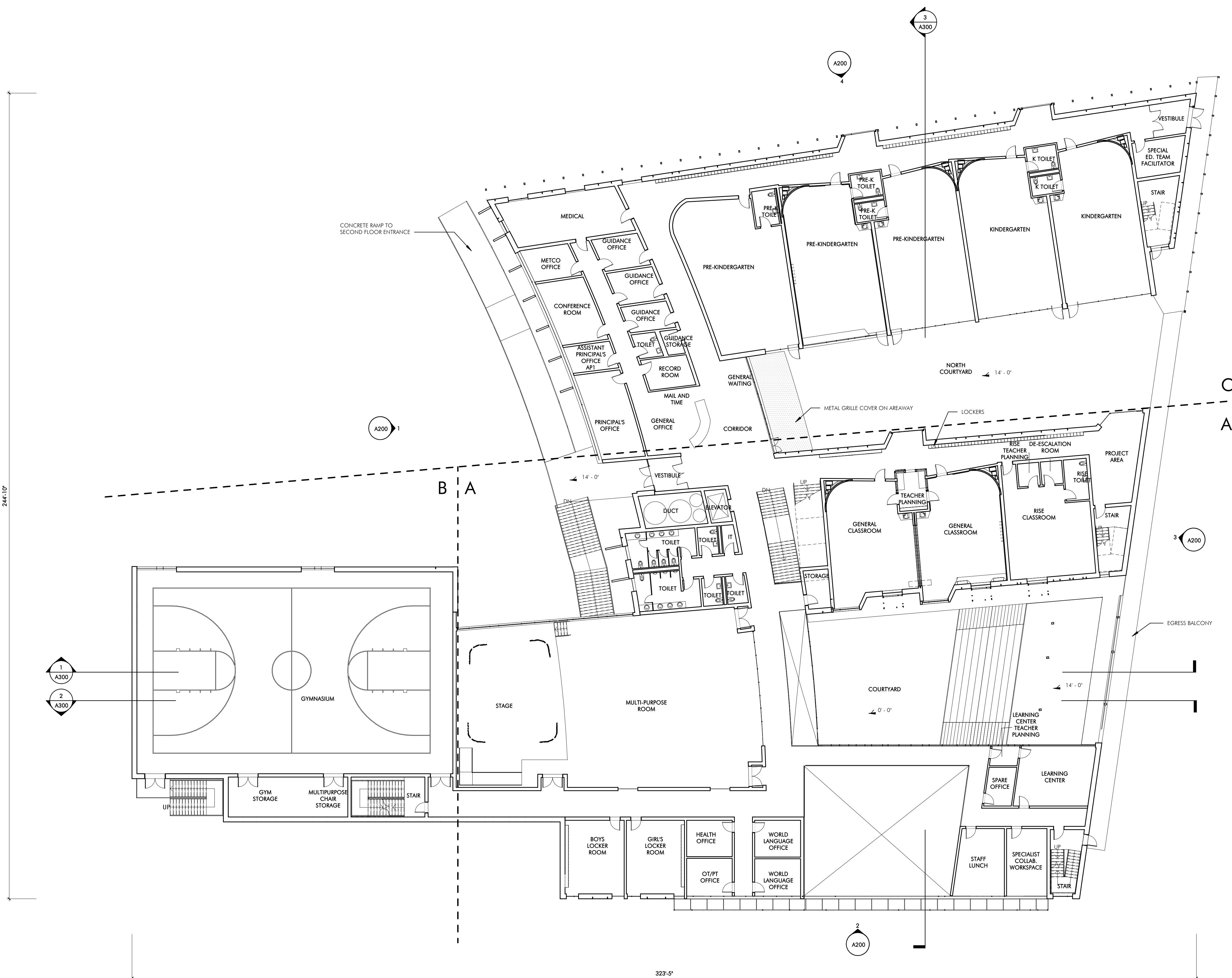
DRAWING NAME  
FIRST FLOOR PLAN - B

PROJECT NO. 1822  
DRAWING NO.

**A101B**







**INTERIOR FINISHES**

- ACADEMIC AREAS: CLASSROOMS, SCIENCE, MEDIA, ART, MUSIC, VOCATIONAL, SPED**
- FLOOR - 12" X 12" 1/3 RUNNING BOND VCT (TYP VCT B.O.D.) - ARMSTRONG STONETERJ
  - BASE - 12" VCT WITH SCHLUTER TOP EDGE WHERE EXPOSED
  - LOWER WALL (8'-0") - MAGNETIC WRITABLE SURFACE WALL COVERING
  - UPPER WALL (10'-0" TO 12'-0") - PAINTED GWB
  - CURVED WALL - MAGNETIC WRITABLE SURFACE WALL COVERING OVER CURVED GWB PARTITION, MARKER TRAY/BUMPER - SINGLE LAYER 3/4" P.LAM WITH HD WD TOP MARKER TRAY AND BOTTOM EDGE
  - CEILING - EXPOSED DECK, PAINTED 3/8" OF ROOM; 1/3 - ACT LAY IN TILE WITH 1/3 RUNNING BOND GRID PATTERN AND GWB ANGLED SOFFIT; SUMMER BEAM AT EXPOSED DECK LIGHT COVE AND CEILING RETURN - PLAN 4" 0" WIDE X 6" HIGH
  - MILLWORK AT TYP CLASSROOMS: 30" DEEP P.LAM COUNTER AT EXTERIOR WALL W/ EXPOSED BRACKETS; FLIP TOP AT WINDOW; MOBILE STORAGE 38"W X 27"H W/ PRE CLASSROOM; SHELVING AT EXTERIOR WALL (4) ADJUSTABLE SHELVES-MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/LOCKING AND 1/2" X 1/4" HD WD EDGE, FINISHED SHELF SIDE JAMB PANELS-P.LAM ANGLED LIGHT REFLECTORS W/ 1/2" HD WD EDGES, FOLDING SCREEN - 4' X 8' X 2" THK FOLDING SCREEN AT CORRIDOR WALL, P.LAM BOTH SIDES AND HD WD EDGES
  - MILLWORK AT SCIENCE CLASSROOMS: 24" COUNTERS AND 24" HIGH BACKSPLASH-SOLID EPOXY ON EXPOSED BRACKETS, MOBILE STORAGE- 36"W X 27"H (6) PER CLASSROOM; P.LAM UPPER CABINETS ABOVE COUNTERS
  - OPERABLE PARTITIONS BETWEEN CLASSROOM PAIR, MAGNETIC WRITABLE SURFACE BOTH SIDES
  - DOOR - 36"X102" BIRCH FULL LITE SOLID CORE WITH HOLLOW METAL FRAME
- TEACHER PLANNING (TP) ROOMS**
- FLOOR - 12" X 12" 1/3 RUNNING BOND VCT
  - BASE - 12" VCT WITH SCHLUTER TOP EDGE
  - CEILING - ACT LAY IN TILE IN 1/3 RUNNING BOND GRID PATTERN
  - MILLWORK - P.LAM COUNTERS W/ 3" HD WD EDGE AND CONCEALED STEEL BRACKETS; REAR WALL SHELVING-FULL WIDTH (5) ADJUSTABLE SHELVES-MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/LOCKING AND 1/2" X 1/4" HD WD EDGE
  - DOOR TO CORRIDOR - 36"X102" BIRCH FULL LITE SOLID CORE WITH SLIDING BARN-DOOR HDWARE
- MUSIC AREAS**
- WALLS AT PRACTICE ROOMS AND DOUBLE HIGH BAND SPACE - FABRIC WRAPPED ACOUSTIC PANELS
  - CEILING - ACT LAY IN TILE IN 1/3 RUNNING BOND (B.O.D.) - ARMSTRONG ULTIMA, 3 DIMENSIONAL METAL PANEL, CEILING AT BAND/CHORUS (B.O.D. USE GEOMETRI)
- CORRIDORS AND PUBLIC AREAS:**
- FLOOR - 12" X 12" 1/3 RUNNING BOND VCT, ACCENT COLORS AT COHORT COMMONS
  - BASE - 12" VCT WITH SCHLUTER TOP EDGE WHERE EXPOSED
  - WALLS - P.LAM PANEL W/ FINISHED EDGES (12" - 106" HIGH ON 1/4" SUBSTRATE OVER GWB PARTITION.
  - FLOORS - 12" X 12" 1/3 RUNNING BOND VCT TILE
  - CEILING AT CORRIDORS - SUSPENDED ACT LAY IN 1/3 RUNNING BOND GRID PATTERN
  - INTERIOR GLAZING - 132" HIGH FULL HEIGHTS (1/4" LAMINATED GLASS ACOUSTIC - DOUBLE 1/2" LAMINATED), BUTT GLAZED, CHANNEL GLAZED TOP AND BOTTOM ABOVE 1/2" VCT KNEEWALL BASE - GRADUATED PATTERN GLAZING AT TEACHER PLANNING ROOMS
  - MILLWORK - W/O CARTELEDGED BENCHES AT CLASSROOM GLAZED PARTITIONS, CONCEALED STL BRACKETS
  - LOCKERS - SINGLE TIER 36" H X 15" W. X 15" PHENOLIC W/PLAM FACE LOCKERS ON 4" PLYWOOD AND VCT TILE BASE, WITH W/ VENER FINISH PANELS AT SIDES AND BACK, ANGLED P.LAM TOP WITH INTERMEDIATE ANGLED LAM GL DISPLAY CABINETS - ACTS AS GUARDRAIL, AT FLOORS 2 AND 3.
  - DOOR - 36"X102" BIRCH FULL LITE SOLID CORE WITH HOLLOW METAL FRAME
- ADMINISTRATION AREAS, OFFICES, MEDICAL:**
- FLOOR - 12" X 12" 1/3 RUNNING BOND VCT (TYP VCT B.O.D.) - ARMSTRONG STONETERJ
  - BASE - 12" VCT WITH SCHLUTER TOP EDGE WHERE EXPOSED
  - WALLS - PTD GWB
  - CEILING AT CORRIDORS - SUSPENDED ACT LAY IN 1/3 RUNNING BOND GRID PATTERN (B.O.D. ARMSTRONG OPTIMA)
  - MILLWORK - P.LAM CUSTOM BASE & UPPER CABINETS W/ ADJUSTABLE SHELVING, P.LAM COUNTER W/ HD WD EDGE, TACKABLE SURFACE BACKSPLASH; (5) ADJUSTABLE SHELVES AT OFFICES (TYP), MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/LOCKING AND 1/2" X 1/4" HD WD EDGE
- AUDITORIUM:**
- WALLS - 50% ACOUSTIC WOOD WALL SYSTEM (ARMSTRONG WOODWORKS), 50% GROUND FACED BLOCK
  - FLOOR - CARPET AT AISLES, SLAB ON GRADE POWER TROWELED CONCRETE AT SEATS (SLAB IS SCOPED AT SEATING AREA)
  - CEILING - PTD, EXPOSED METAL DECK WITH 50% SUSPENDED WOOD PANEL CEILING (ARMSTRONG WOODWORKS)
  - 2' X 4' DIAMETER DOUBLE DOME ACRYLIC BUBBLE SKYLIGHT
  - FLOOR MOUNTED FOLD UP AUDITORIUM SEATING (420 SEATS)
- GYM:**
- FLOOR - WOOD ATHLETIC FLOORING
  - BASE - VENTED RUBBER BASE
  - WALLS - 57MM WALL PAZE TO BE 8'-8" A.F.F. EXCEPT BEHIND BLEACHERS, PRE-ENGINEERED STANDARD FINISH EVERYWHERE ELSE
  - CEILING - SUSPENDED LAY IN PRE PAINTED REGULAR EDGE TECTUM PLANK AND EXPOSED DECK, PTD.
  - BLEACHERS - TELESCOPING, WALL MOUNTED, MOTORIZED FOR UP TO 750 SEATS
- TOILET ROOMS:**
- FLOOR - PORCELAIN TILE
  - BASE - METAL COVE BASE
  - WALLS TO 9'8" - CERAMIC TILE, W/ ACCENT COLOR, PTD GWB ABOVE W/HIGH PERFORMANCE COATING
  - CEILING - PTD W/HIGH PERFORMANCE COATING
  - MILLWORK - SOLID SURFACE COUNTERS WITH CONCEALED STEEL BRACKETS
- OTHER ROOMS:**
- FLOORS - QUARRY TILE AT KITCHEN, 1/3 RUNNING BOND
  - SEALED CONCRETE AT BACK OF HOUSE
  - STAIRS - VCT TREADS & RISERS WITH RUBBER NOSING, VCT TILE AT LANDINGS
- WALLS**
- FIBER REINFORCED PANELS IN KITCHEN
  - INTERIOR GLAZING TO BE CHANNEL GLAZING NOT HM
- CEILING:**
- ACT IN BACK OF HOUSE AREAS, LOCKER ROOMS & KITCHEN
- GENERAL:**
- CLASSROOM LOCKERS 15"W X 12"D X 36"H W/ ANGLED TOP - PHENOLIC W/PLAM FINISH AND WD VENER SIDES AND BACK
  - ATHLETIC / PE LOCKERS: 50 COUNT PER LOCKER ROOM - METAL 2 TIER 30"H X 15"W X 15"D
  - ROLLER SHADE AT LOCKERS WITH LITES AND GLAZED PARTITIONS
  - ROLLER SHADE AT SOUTH EXTERIOR WINDOWS
  - MILLWORK P.LAM - W/O GRAIN P.LAM FINISH
  - 2" MAXIM TYPING SLAB ACOUSTIC AT FLOORS 2, 3, 4
- TECH/FURNITURES/FURNISHINGS**
- ACADEMIC AREAS:**
- OPERABLE WINDOWS
  - LOW VOLUME DISPLACEMENT VENTILATION
  - INDIRECT LED COVE LIGHTING
  - PAGING SYSTEM, WIRELESS DATA INTERCOM, CLOCK SYSTEM,
  - SOUND LIFT SYSTEM, WIRELESS ACCESS POINT, LED TOUCH SCREEN MONITOR



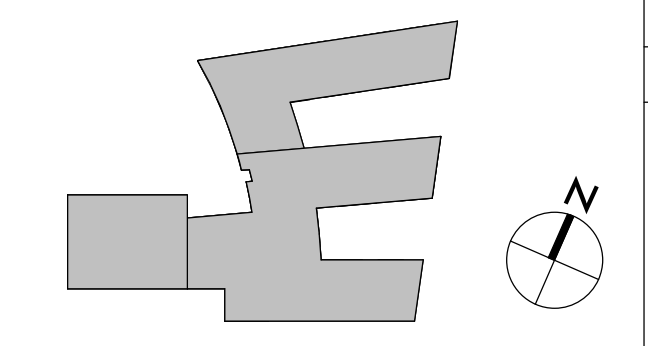
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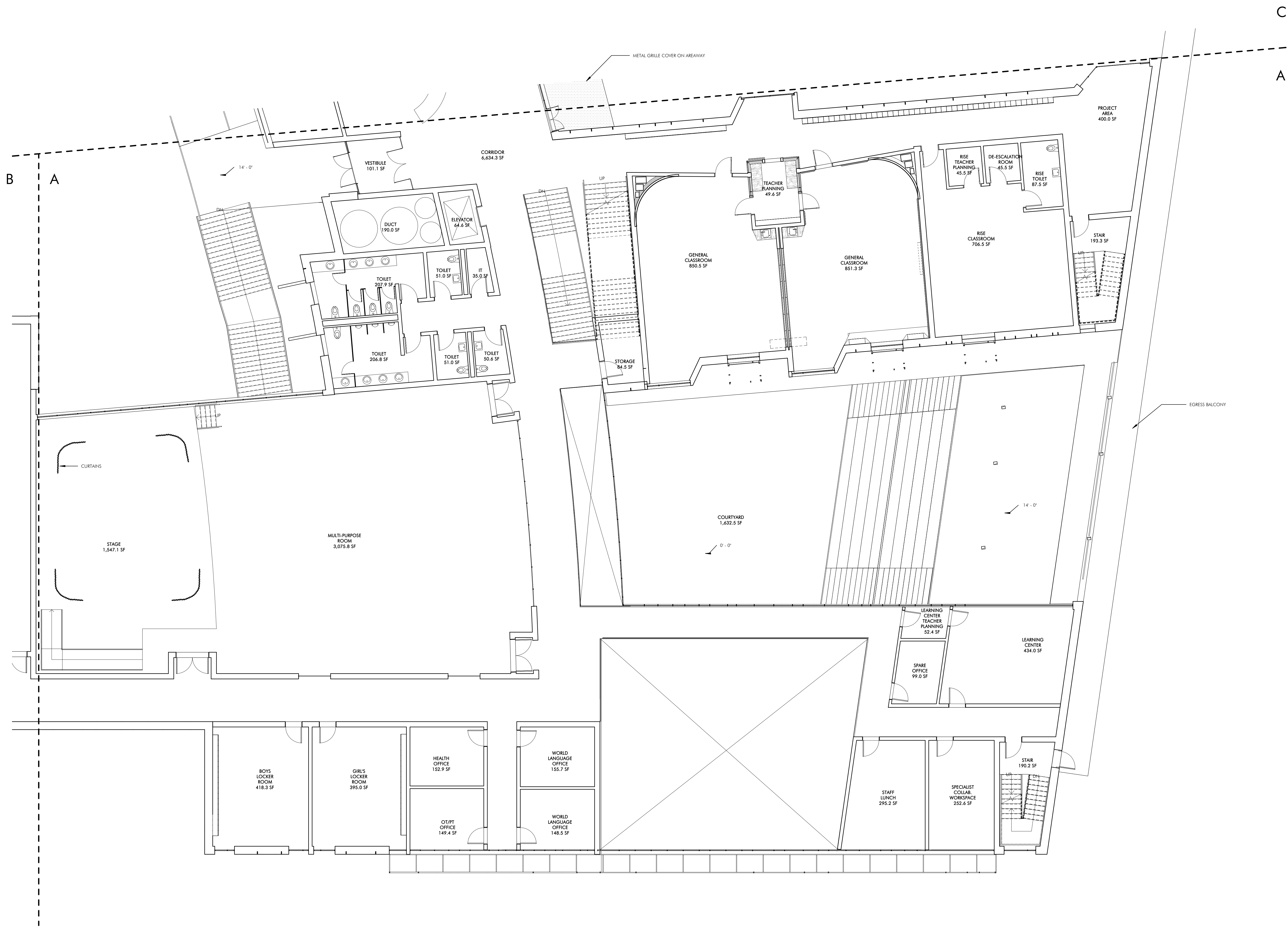
**BALDWIN SCHOOL**  
484-490 Heath Street, Roslindene, MA

PROJECT STATUS	
5/22/2019 SCHEMATIC DESIGN	
REVISIONS	
No.	Date Description
DRAWING NAME SECOND FLOOR PLAN	
PROJECT NO.	1822
DRAWING NO.	<b>A102</b>

1 SECOND FLOOR PLAN - OVERALL  
1/16" = 1'-0"

SECOND FLOOR GSF: 38,119 SF





1 SECOND FLOOR PLAN - A  
1/8" = 1'-0"

**JLA**  
Jonathan Levi Architects  
266 Beacon Street  
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NOT FOR  
CONSTRUCTION

**BALDWIN SCHOOL**  
484-490 Heath Street, Lindside, MA

PROJECT STATUS  
5/22/2019  
SCHEMATIC DESIGN

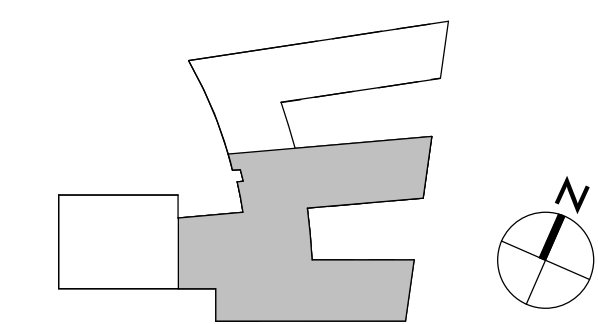
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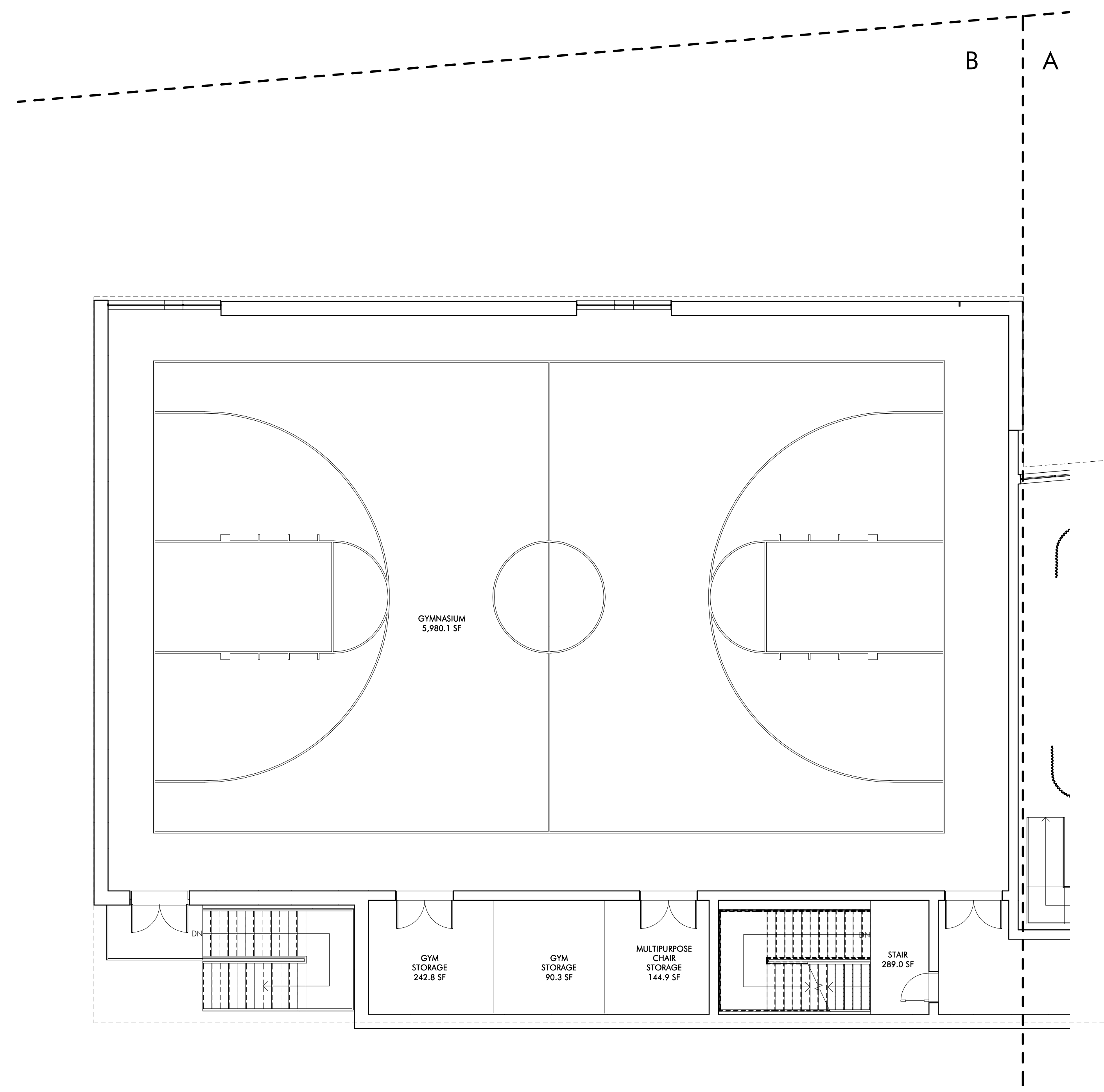
No.	Date	Description

DRAWING NAME  
SECOND FLOOR  
PLAN - A

PROJECT NO. 1822  
DRAWING NO.

A102A





1 SECOND FLOOR PLAN - B  
1/8" = 1'-0"

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NOT FOR  
CONSTRUCTION

**BALDWIN SCHOOL**  
484-490 Heath Street, Boston, MA

PROJECT STATUS  
5/22/2019  
SCHEMATIC DESIGN

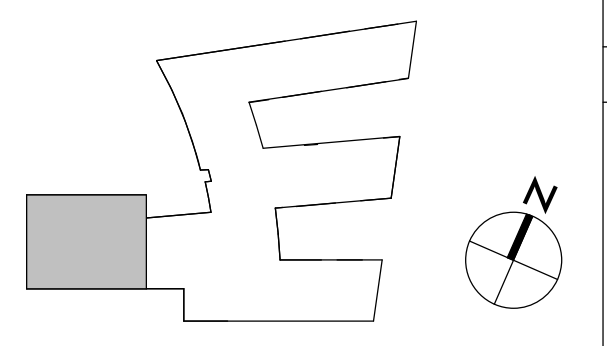
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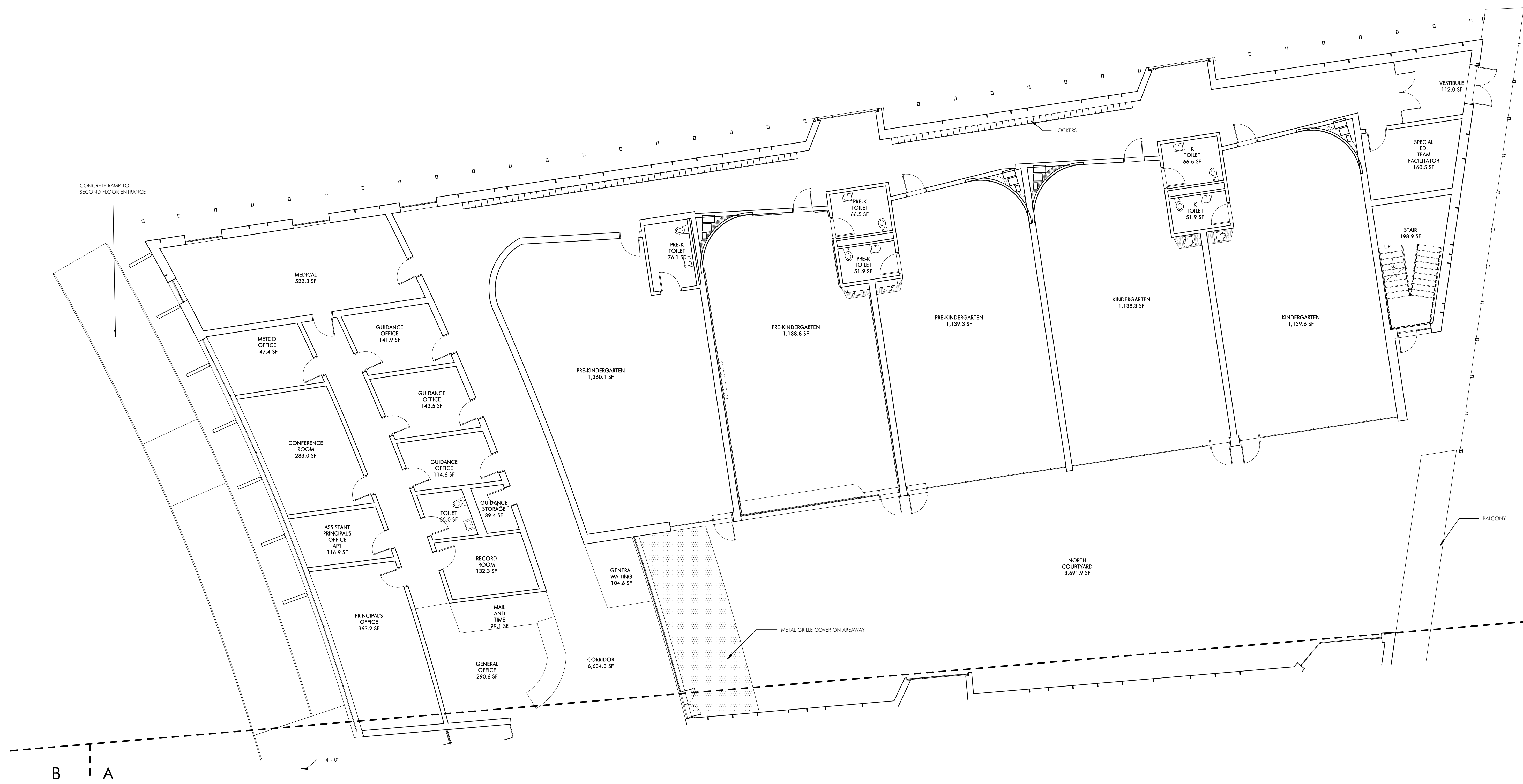
No.	Date	Description

DRAWING NAME  
SECOND FLOOR  
PLAN - B

PROJECT NO. 1822  
DRAWING NO.

**A102B**





1 SECOND FLOOR PLAN - C  
1/8" = 1'-0"

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Boston, MA 02116  
Tel: 617 437 9458  
Fax: 617 437 1965

NOT FOR  
CONSTRUCTION

**BALDWIN SCHOOL**  
484-490 Heath Street, Lindenside, MA

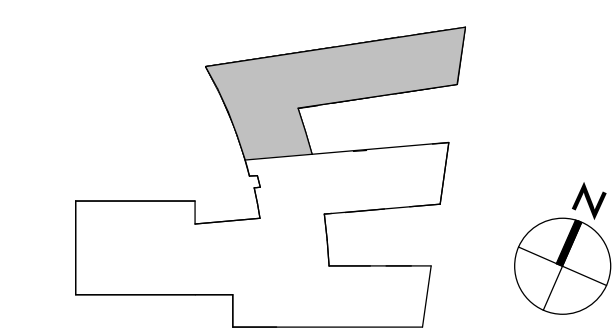
PROJECT STATUS  
5/22/2019  
SCHEMATIC DESIGN

REVISIONS		
No.	Date	Description

DRAWING NAME  
SECOND FLOOR  
PLAN - C

PROJECT NO. 1822  
DRAWING NO.

**A102C**



**INTERIOR FINISHES**

**ACADEMIC AREAS, CLASSROOMS, SCIENCE, MEDIA, ART, MUSIC, VOCATIONAL, SPED**  
 - FLOOR - 12" X 12" 1/3 RUNNING BOND VCT (TY VCT B.O.D.) - ARMSTRONG STONETEX  
 - BASE - 1" VCT WITH SCHLUTER TOP EDGE WHERE EXPOSED  
 - LOWER WALL (80"-104") - MAGNETIC WRITABLE SURFACE WALL COVERING  
 - UPPER WALL (104"-128") - PAINTED GWB  
 - CURVED WALL - MAGNETIC WRITABLE SURFACE WALL COVERING OVER CURVED GWB PARTITION;  
 - MARKER TRAY/RUMPER - SINGLE LAYER 3/4" P. LAM WITH HD WD TOP MARKER TRAY AND BOTTOM EDGE  
 - CEILING - EXPOSED DECK, PAINTED 2/3 OF ROOM; 1/3 - ACT LAY IN TILE WITH 1/3 RUNNING BOND GRID PATTERN AND GWS ANGLED SOFFIT. SUMMER BEAM AT EXPOSED DECK (LIGHT COVE AND CEILING RETURN) - PLAM 4" O" WIDE X 6" HIGH  
 - MILKWORK AT TYP CLASSROOMS: 30" DEEP PLAM COUNTER AT EXTERIOR WALL W/ EXPOSED BRACKETS, FLIP TOP AT WINDOW; MOBILE STORAGE 36"X27" (6) PER CLASSROOM. SHELVING AT EXTERIOR WALL (H) ADJUSTABLE SHELVES-MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/BLOCKING AND 9" X 1" HD WD EDGES. FINISHED SHEET SIDE JAMB PANELS-PLAM ANGLED LIGHT REFLECTORS W/ 9" HD WD EDGES. FOLDING SCREEN - 6" X 8" X 2" THK FOLDING SCREEN AT CORRIDOR WALL FROM BOTH SIDES AND HD WD EDGES  
 - MILKWORK AT SCIENCE CLASSROOMS: 24" COUNTERS AND 24" HIGH BACKSPASH-SOLID EPOXY ON EXPOSED BRACKETS; MOBILE STORAGE: 36"X27" (6) PER CLASSROOM. PLAM UPPER CABINETS ABOVE COUNTERS  
 - OPERABLE PARTITIONS BETWEEN CLASSROOM PAIR, MAGNETIC WRITABLE SURFACE BOTH SIDES  
 - DOOR - 36"X102" BIRCH FULL LITE SOLID CORE WITH HOLLOW METAL FRAME

**TEACHER PLANNING (TP) ROOMS**  
 - FLOOR - 12" X 12" 1/3 RUNNING BOND VCT  
 - BASE - 1" VCT WITH SCHLUTER TOP EDGE  
 - CEILING - ACT LAY IN TILE IN 1/3 RUNNING BOND GRID PATTERN  
 - MILKWORK: PLAM COUNTERS W/ 3" HD WD EDGE AND CONCEALED STEEL BRACKETS. BEAR WALL SHELVING-FULL WIDTH(S) ADJUSTABLE SHELVES-MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/BLOCKING AND 9" X 1" HD WD EDGES  
 - DOOR TO CORRIDOR - 36"X102" BIRCH FULL LITE SOLID CORE WITH SLIDING BARN-DOOR HDWRE

**MUSIC AREAS:**  
 - WALLS AT PRACTICE ROOMS AND DOUBLE HIGH BAND SPACE - FABRIC WRAPPED ACOUSTIC PANELS  
 - CEILING - ACT LAY IN TILE 1/3 RUNNING BOND (B.O.D.) - ARMSTRONG ULTRAM 3 DIMENSIONAL METAL PANEL CEILING AT BAND/CHORUS (B.O.D. USG GEOMETR)

**CORRIDORS AND PUBLIC AREAS:**  
 - FLOOR - 12" X 12" 1/3 RUNNING BOND VCT. ACCENT COLORS AT COHORT COMMONS  
 - BASE - 1" VCT WITH SCHLUTER TOP EDGE WHERE EXPOSED  
 - WALLS - PLAM PANEL W/ FINISHED EDGES 12"-104" HIGH ON 1/2" SUBSTRATE OVER GWB PARTITION.  
 - FLOORS - 12" X 12" 1/3 RUNNING BOND VCT TILE  
 - CEILING AT CORRIDORS - SUSPENDED ACT LAY IN 1/3 RUNNING BOND GRID PATTERN  
 - INTERIOR GLAZING - 112"-104" HIGH ALL LOCATIONS: 1/4" LAMINATED GLASS (ACOUSTIC) - DOUBLE 1/2" LAMINATED, BUTT GLAZED, CHANNEL GLAZED TOP AND BOTTOM ABOVE 12" VCT KNEEWALL BASE. GRATED PATTER GLAZING AT TEACHER PLANNING ROOMS  
 - MILKWORK - WD CANTELEVERED BENCHES AT CLASSROOM GLAZED PARTITIONS, CONCEALED STL BRACKETS  
 - LOCKERS - SINGLE TIER 36" H X 15" W, X 15" PHENOLIC W/PLAM FACE LOCKERS ON 4" PLYWOOD AND VCT TILE BASE, WITH VENEER FINISH PANELS AT SIDES AND BACK, ANGLED PLAM TOP WITH INTERMITTANT ANGLED LAM. GL. DISPLAY CABINETS - ACTS AS GUARDRAIL AT FLOORS 2 AND 3.  
 - DOOR - 36"X102" BIRCH SOLID CORE WITH HOLLOW METAL FRAME

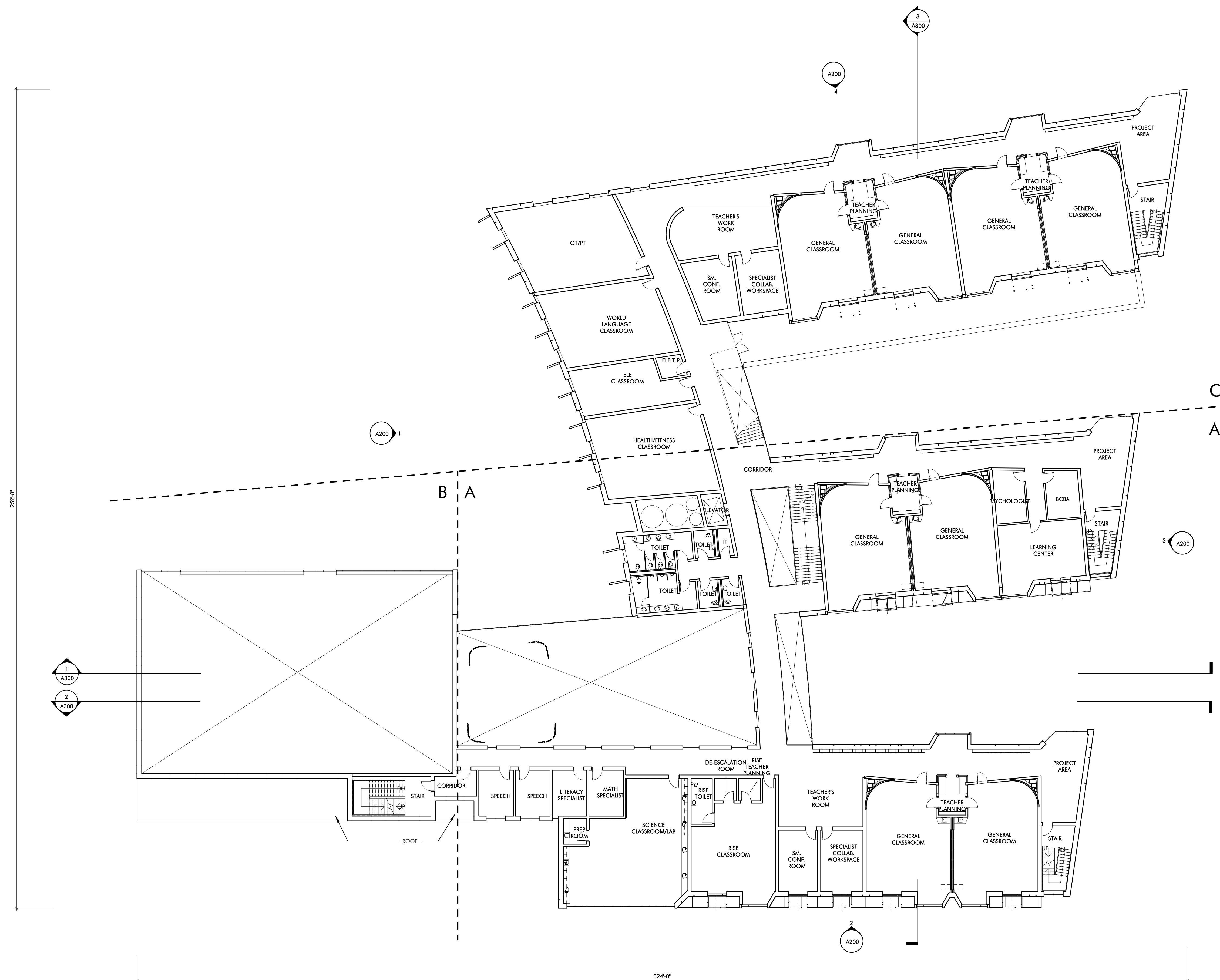
**ADMINISTRATION AREAS, OFFICES, MEDICAL:**  
 - FLOOR - 12" X 12" 1/3 RUNNING BOND VCT (TY VCT B.O.D.) - ARMSTRONG STONETEX  
 - BASE - 1" VCT WITH SCHLUTER TOP EDGE WHERE EXPOSED  
 - WALLS - PTD GWB  
 - CEILING AT CORRIDORS - SUSPENDED ACT LAY IN 1/3 RUNNING BOND GRID PATTERN (B.O.D. ARMSTRONG OPTIMA)  
 - MILKWORK: PLAM CUSTOM BASE & UPPER CABINETS W/ ADJUSTABLE SHELVING, PLAM COUNTER W/HD WD EDGE, TACKABLE SURFACE BACKSPASH; (S) ADJUSTABLE SHELVES AT OFFICES (TY) MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/BLOCKING AND 9" X 1" HD WD EDGES  
 - ACoustic: 50% ACOUSTIC WOOD WALL SYSTEM (ARMSTRONG WOODWORKS), 50% GROUND FACED BUOCC  
 - FLOOR - CARPET AT AISLES, SLAB ON GRADE POWER TROWELED CONCRETE AT SEATS (SLAB IS SLOPED AT SEATING AREA)  
 - CEILING - PTD. EXPOSED METAL DECK WITH 50% SUSPENDED WOOD PANEL CEILING (ARMSTRONG WOODWORKS)  
 - 3' & 6' DIAMETER DOUBLE DOME ACRYLIC BUBBLE SKYLIGHT  
 - FLOOR MOUNTED FOLD UP AUDITORIUM SEATING (420 SEATS)  
 - GYM:  
 - FLOOR - WOOD ATHLETIC FLOORING  
 - BASE - VENTED RUBBER BASE  
 - WALLS - GYM WALL PADS TO BE 8"-8" A.F.F. EXCEPT BEHIND BLEACHERS, PRE-ENGINEERED STANDARD FINISH EVERYWHERE ELSE  
 - CEILING - SUSPENDED LAY IN PRE PAINTED TEGULAR EDGE TECTUM PLANK AND EXPOSED DECK, PTD.  
 - BLEACHERS - TELESCOPING, WALL MOUNTED, MOTORIZED FOR UP TO 750 SEATS

**TOILET ROOMS:**  
 - FLOOR - PORCELAIN TILE  
 - BASE - METAL COVE BASE  
 - WALLS TO 96" - CERAMIC TILE, W/ ACCENT COLOR. PTD GWB ABOVE W/HIGH PERFORMANCE COATING  
 - CEILING - PTD W/HIGH PERFORMANCE COATING  
 - MILKWORK: SOLID SURFACE COUNTERS WITH CONCEALED STEEL BRACKETS

**OTHER ROOMS:**  
 - FLOORS  
 - GLAZED TILE AT KITCHEN, 1/3 RUNNING BOND  
 - SEALED CONCRETE AT BACK OF HOUSE  
 - STAIRS - VCT TREADS & RISERS WITH RUBBER NOSING, VCT TILE AT LANDINGS  
 - WALLS  
 - REBAR REINFORCED PANELS IN KITCHEN  
 - INTERIOR GLAZING TO BE CHANNEL GLAZING NOT HM  
 - CEILING:  
 - ACT IN BACK OF HOUSE AREAS, LOCKER ROOMS & KITCHEN

**GENERAL:**  
 - CLASSROOM LOCKERS 15"W X 20"D X 6"H W/ANGLED TOP - PHENOLIC W/PLAM FINISH AND WD VENEER SIDES AND BACK  
 - ATHLETIC TIE LOCKERS 50 COUNT PER LOCKER ROOM - METAL 2 TIER 30"H X 15"W X 15"D  
 - ROLLER SHADE AT DOORS WITH LITES AND GLAZED PARTITIONS  
 - ROLLER SHADE AT SOUTH EXTERIOR WINDOWS  
 - MILKWORK PLAM - WD GRANI PLAM FINISH  
 - 2" MAXION TOPPING SLAB-ACOUSTIC AT FLOORS 2, 3, 4

**TECH FIXTURES/ FURNISHINGS**  
 - OPERABLE WINDOWS  
 - LOW VOLUME DISPLACEMENT VENTILATION  
 - INDIRECT LED COVE LIGHTING  
 - JAGING SYSTEM. WIRELESS DATA INTERCOM, CLOCK SYSTEM  
 - SOUND LIFT SYSTEM, WIRELESS ACCESS POINT, LED TOUCH SCREEN MONITOR



1 THIRD FLOOR PLAN - OVERALL  
 1/2" = 1'-0"

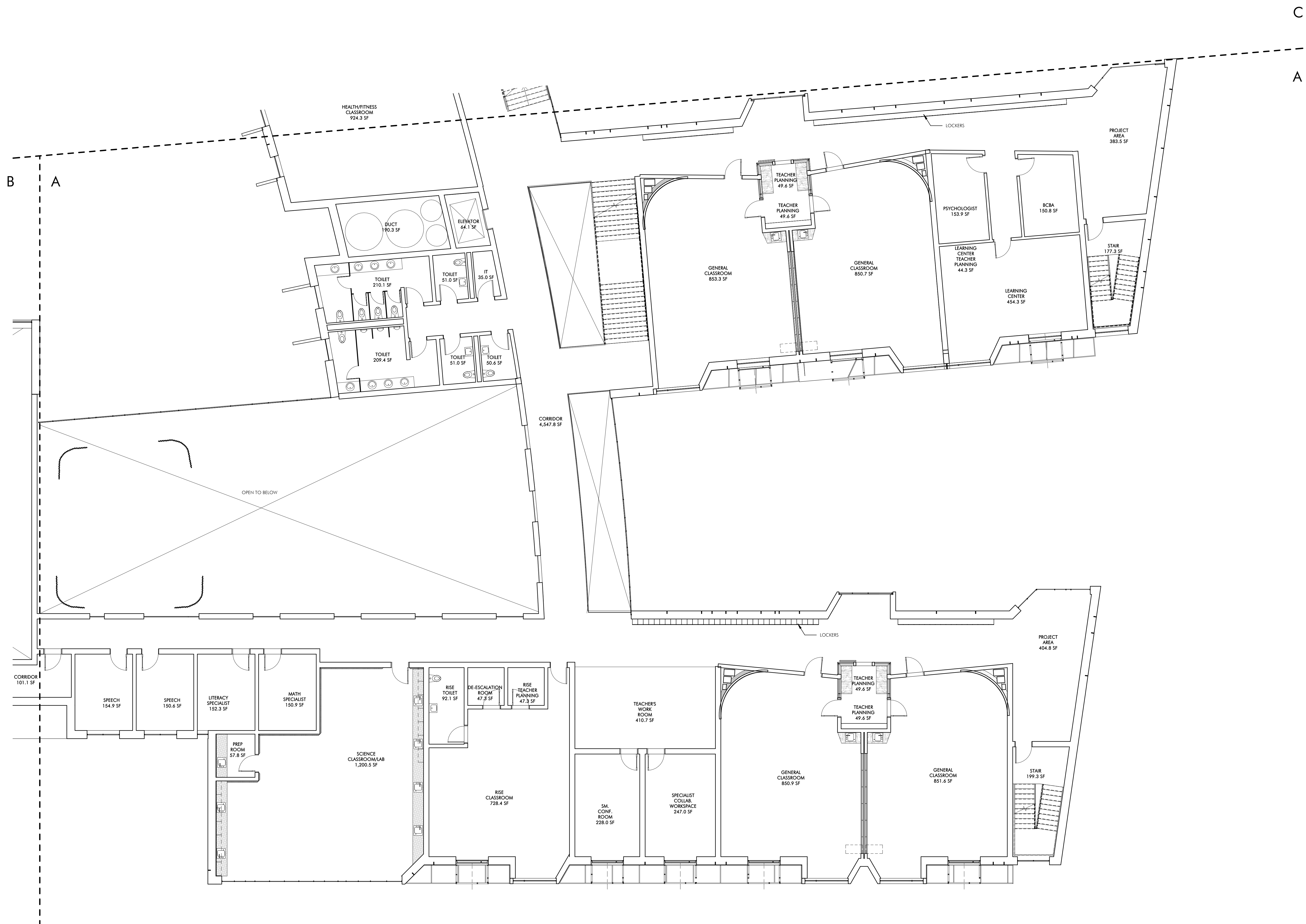
THIRD FLOOR GSF: 28,832 SF

**Jonathan Levi Architects**  
 266 Beacon Street  
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 Tel: 617 437 9458  
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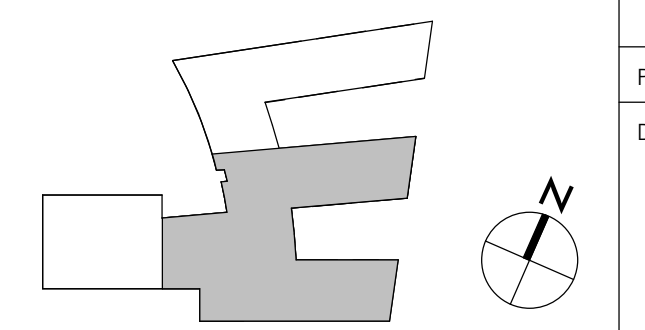
**BALDWIN SCHOOL**  
 484-490 Heath Street, Boston, MA

NOT FOR CONSTRUCTION

PROJECT STATUS	5/22/2019 SCHEMATIC DESIGN	
REVISIONS		
No.	Date	Description
DRAWING NAME	THIRD FLOOR PLAN	
PROJECT NO.	1822	
DRAWING NO.	A103	



1 THIRD FLOOR PLAN - A  
1/8" = 1'-0"



NOT FOR  
CONSTRUCTION

BALDWIN SCHOOL  
484-490 Heath Street, Lindside, MA

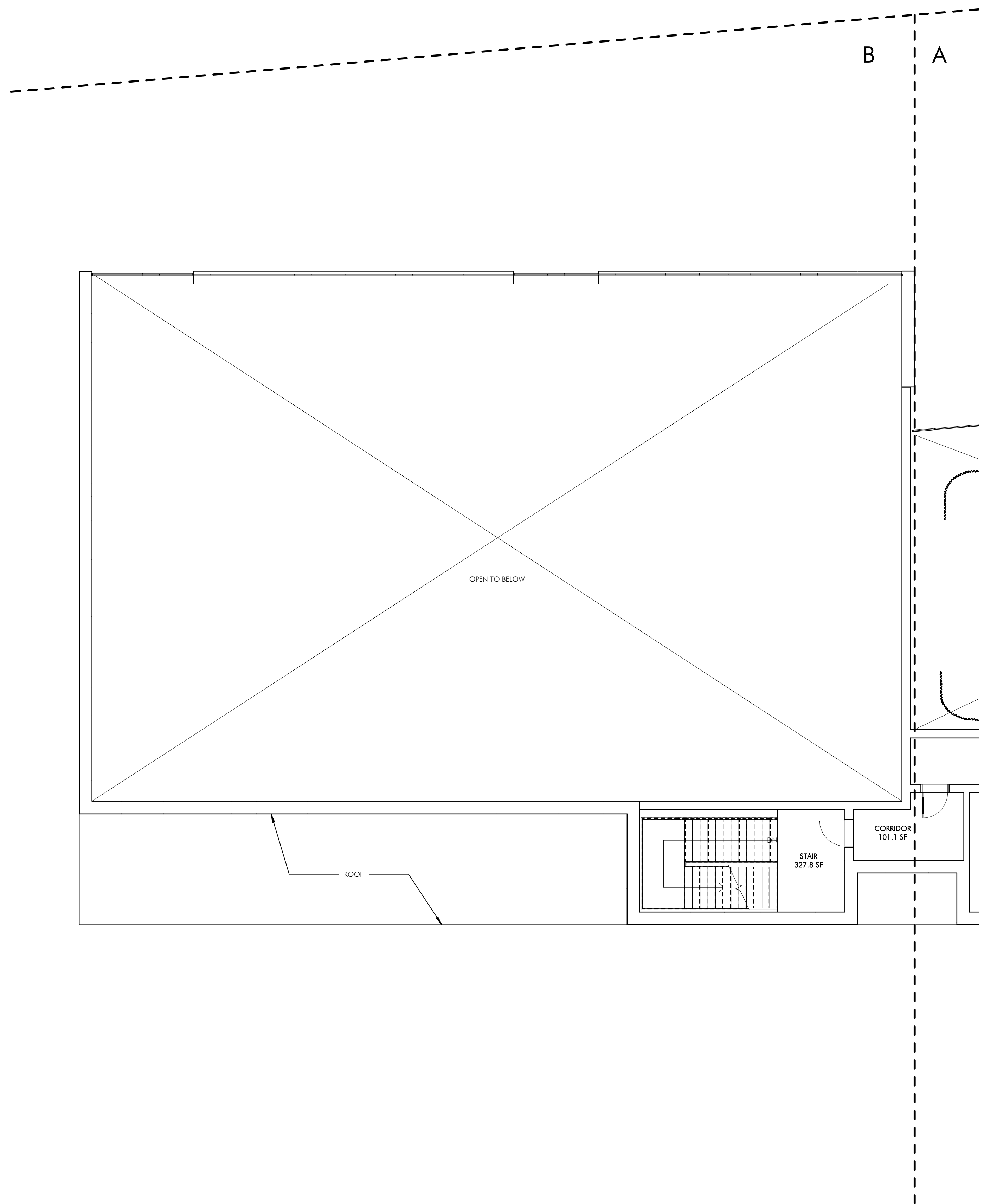
PROJECT STATUS  
5/22/2019  
SCHEMATIC DESIGN

REVISIONS		
No.	Date	Description

DRAWING NAME  
THIRD FLOOR PLAN  
- A

PROJECT NO. 1822

DRAWING NO. A103A



1 THIRD FLOOR PLAN - B  
1/8" = 1'-0"

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Fax: 617 437 1965

NOT FOR  
CONSTRUCTION

**BALDWIN SCHOOL**  
484-490 Heath Street, Brookline, MA

PROJECT STATUS  
5/22/2019  
SCHEMATIC DESIGN

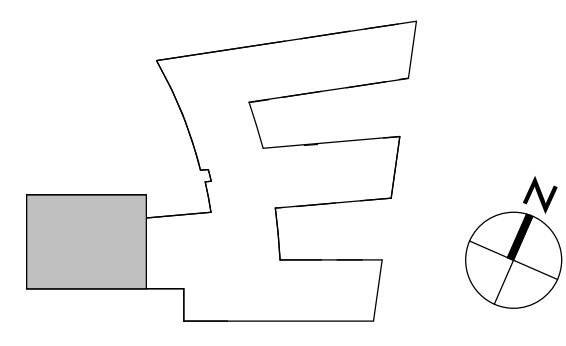
REVISIONS

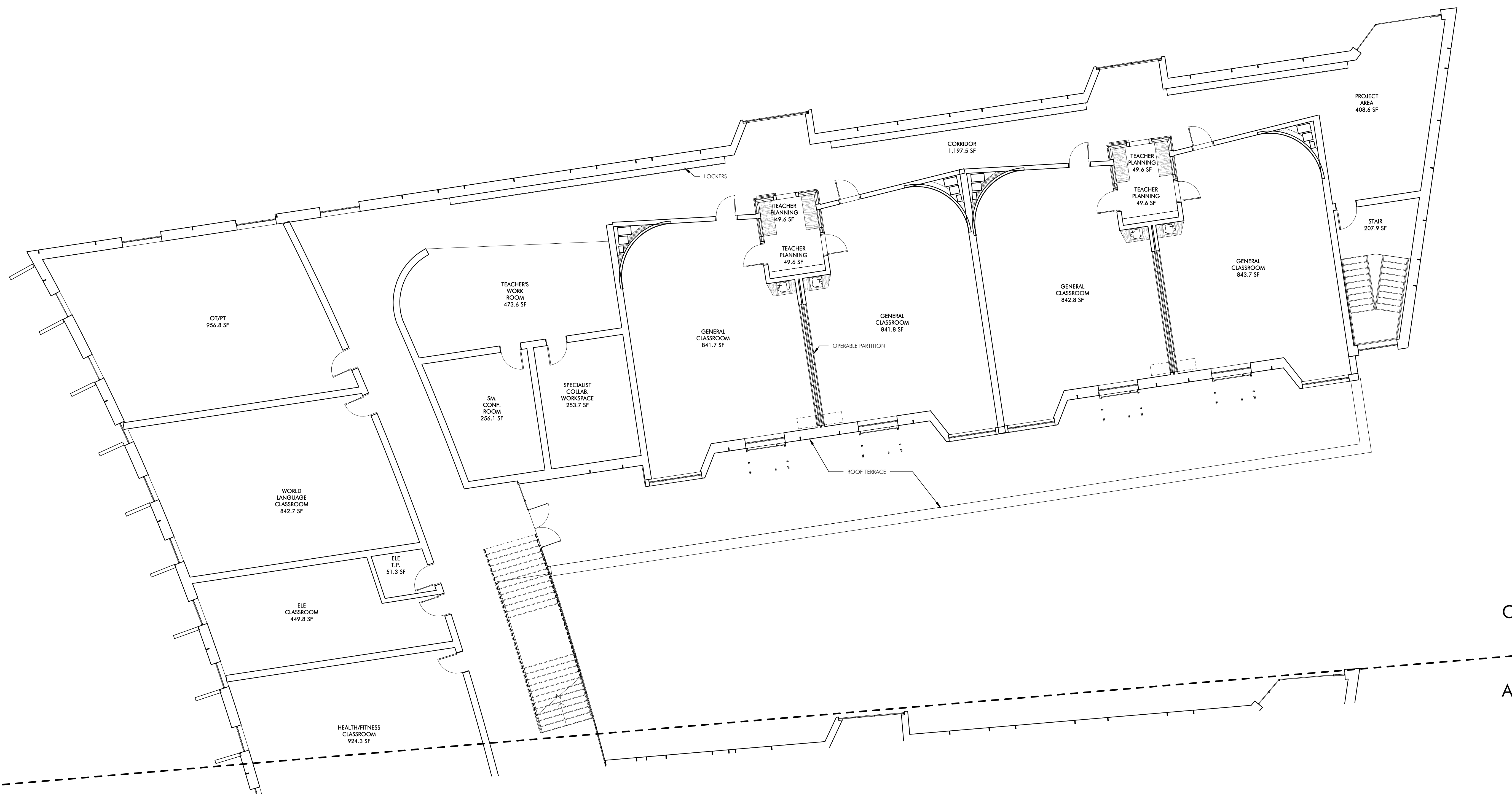
No.	Date	Description

DRAWING NAME  
THIRD FLOOR PLAN  
- B

PROJECT NO. 1822  
DRAWING NO.

**A103B**





1 THIRD FLOOR PLAN - C  
1/8" = 1'-0"

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CONSTRUCTION

**BALDWIN SCHOOL**  
484-490 Heath Street, Braintree, MA

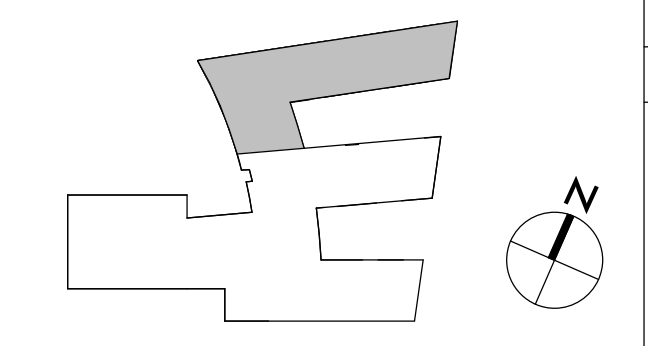
PROJECT STATUS  
5/22/2019  
SCHEMATIC DESIGN

REVISIONS		
No.	Date	Description

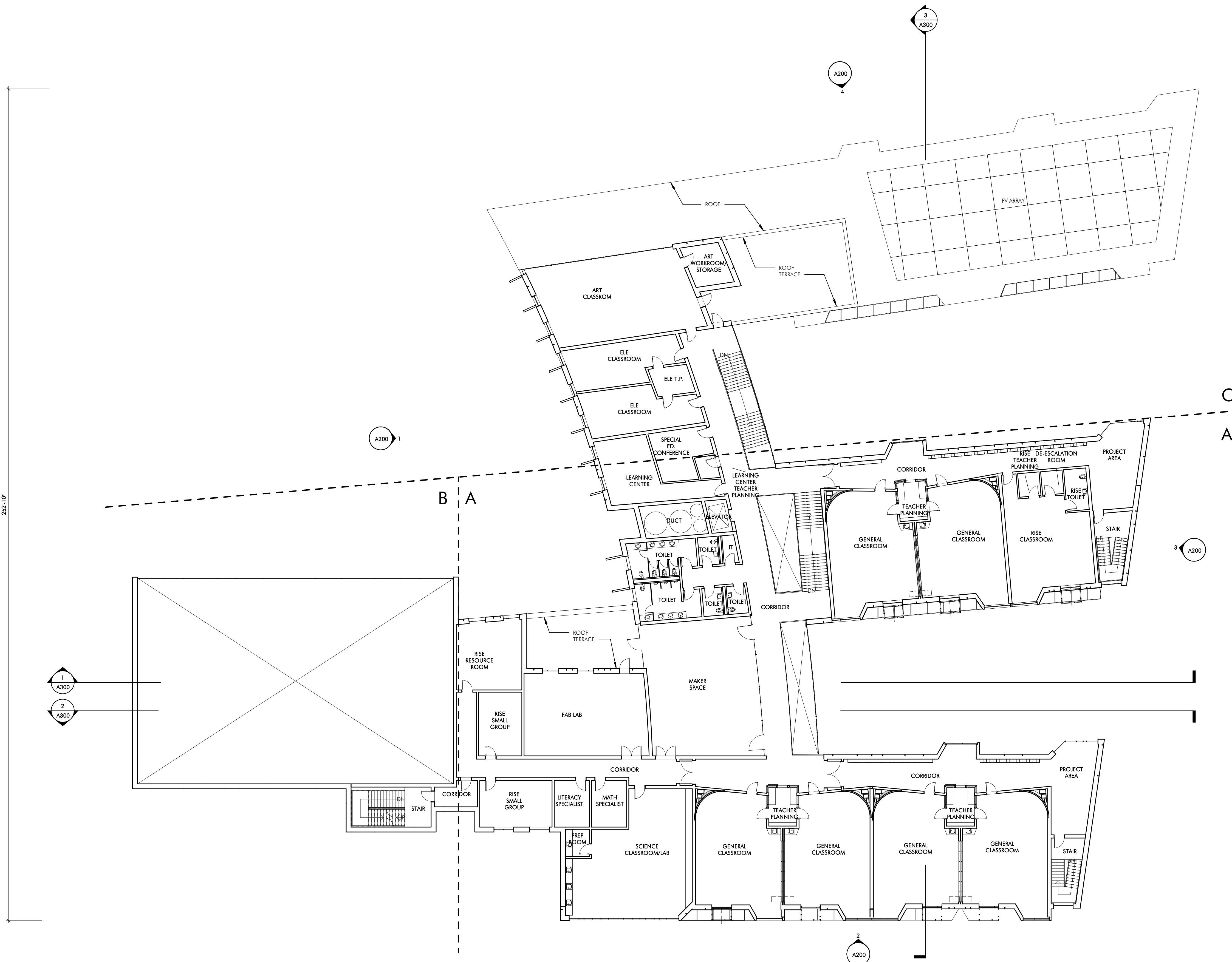
DRAWING NAME  
THIRD FLOOR PLAN  
- C

PROJECT NO. 1822  
DRAWING NO.

**A103C**







**INTERIOR FINISHES**

- ACADEMIC AREAS: CLASSROOMS, SCIENCE, MEDIA, ART, MUSIC, VOCATIONAL, SPED**  
 - FLOOR - 12" X 12" 1/3 RUNNING BOND VCT (TYP VCT 8' O.D.) - ARMSTRONG STONETER®  
 - BASE - 12" VCT WITH SCHLUTER TOP EDGE WHERE EXPOSED  
 - LOWER WALL (20'-104") - MAGNETIC WRITABLE SURFACE WALL COVERING  
 - UPPER WALL (104'-128") - PAINTED GWB  
 - CURVED WALL - MAGNETIC WRITABLE SURFACE WALL COVERING OVER CURVED GWB PARTITION  
 - MARKER TRAY/WRITER - SINGLE LAYER 3/4" FLAM WITH HD WD TOP MARKER TRAY AND BOTTOM EDGE  
 - CEILING - EXPOSED DECK PAINTED 2/3 OF ROOM, 1/3 - ACT LAY IN TILE WITH 1/3 RUNNING BOND GRID PATTERN AND GWB ANGLED SOFFIT. SUMMER BEAM AT EXPOSED DECK (LIGHT COVE AND CEILING RETURN) - PLAM 4" O" WIDE X 6" HIGH  
 - MILLWORK AT TYP CLASSROOMS: 30" DEEP PLAM COUNTER AT EXTERIOR WALL W/ EXPOSED BRACKETS. FLR TOP AT WINDOW, MOBILE STORAGE 36"WX27"H (1) PER CLASSROOM; SHELVING AT EXTERIOR WALL-41" ADJUSTABLE SHELVES-MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/BLOCKING AND 1/4" X 1/4" HD WD EDGES. FINISHED SHELF SIDE JAMB PANELS PLAM ANGLED LIGHT REFLECTORS W/ 1/4" HD WD EDGES. FOLDING SCREEN - 6' X 8' X 2" THK FOLDING SCREEN AT CORRIDOR WALL PLAM BOTH SIDES AND HD WD EDGES  
 - MILLWORK AT SCIENCE CLASSROOMS: 24" COUNTERS AND 24" HIGH BACKSLASH-SOLID EPOXY ON EXPOSED BRACKETS; MOBILE STORAGE- 36"WX27"H (6) PER CLASSROOM; PLAM UPPER CABINETS ABOVE COUNTERS  
 - OPERABLE PARTITIONS BETWEEN CLASSROOM PAIR, MAGNETIC WRITABLE SURFACE BOTH SIDES  
 - DOOR - 36"X102" BIRCH FULL LITE SOLID CORE WITH HOLLOW METAL FRAME
- TEACHER PLANNING TYP ROOMS**  
 - FLOOR - 12" X 12" 1/3 RUNNING BOND VCT  
 - BASE - 12" VCT WITH SCHLUTER TOP EDGE  
 - CEILING-ACT LAY IN TILE IN 1/3 RUNNING BOND GRID PATTERN  
 - MILLWORK: PLAM COUNTERS W/ 3" HD WD EDGE AND CONCEALED STEEL BRACKETS; REAR WALL SHELVING-FULL WIDTH (6) ADJUSTABLE SHELVES-MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/BLOCKING AND 1/4" X 1/4" HD WD EDGES  
 - DOOR TO CORRIDOR - 36"X102" BIRCH FULL LITE SOLID CORE WITH SLIDING BARN-DOOR HDWARE
- MUSIC AREAS**  
 - WALLS - PRACTICE ROOMS AND DOUBLE HIGH BOND SPACE - FABRIC WRAPPED ACOUSTIC PANELS  
 - CEILING - ACT LAY IN TILE IN 1/3 RUNNING BOND (8' O.D.) - ARMSTRONG ULTIMA, 3" DIMENSIONAL METAL PANEL CEILING AT BAND/CHORUS (8' O.D. USG GEOMETRIK)
- CORRIDORS AND PUBLIC AREAS**  
 - FLOOR - 12" X 12" 1/3 RUNNING BOND VCT, ACCENT COLORS AT COHORT COMMONS  
 - BASE - 12" VCT WITH SCHLUTER TOP EDGE WHERE EXPOSED  
 - WALLS - PLAM PANEL W/ FINISHED EDGES 12" X 106" HIGH ON 1/4" SUBSTRATE OVER GWB PARTITION  
 - FLOORS - 12" X 12" 1/3 RUNNING BOND VCT TILE  
 - CEILING AT CORRIDORS - SUSPENDED ACT LAY-IN 1/3 RUNNING BOND GRID PATTERN  
 - INTERIOR GLAZING - 117'-104" HIGH ALL LOCATIONS 1/4" LAMINATED GLASS ACOUSTIC - DOUBLE 1/2" LAMINATED, BUTT GLAZED, CHANNEL GLAZED TOP AND BOTTOM ABOVE 12" VCT KNEEWALL BASE. GRADUATED PATTERN GLAZING AT TEACHER PLANNING ROOMS.  
 - MILLWORK: WD CANTERED BENCHES AT CLASSROOM GLAZED PARTITIONS, CONCEALED STL BRACKETS  
 - LOCKERS - SINGLE TIER 36" H X 15" W X 15" PHENOLIC W/PLAM FACE LOCKERS ON 4" PLYWOOD AND VCT TILE BASE WITH WD VENER FINISH PANELS AT SIDES AND BACK, ANGLED FLAM TOP WITH INTERMITTENT ANGLED LAM GL DISPLAY CABINETS - ACTS AS GUARDRAIL AT FLOORS 2 AND 3.  
 - DOOR - 36"X102" BIRCH SOLID CORE WITH HOLLOW METAL FRAME
- ADMINISTRATION AREAS, OFFICES, MEDICAL**  
 - FLOOR - 12" X 12" 1/3 RUNNING BOND VCT (TYP VCT 8' O.D.) - ARMSTRONG STONETER®  
 - BASE - 12" VCT WITH SCHLUTER TOP EDGE WHERE EXPOSED  
 - WALLS - PTD GWB  
 - CEILING AT CORRIDORS - SUSPENDED ACT LAY-IN 1/3 RUNNING BOND GRID PATTERN (8' O.D.)  
 - ARMSTRONG OPTIMAL  
 - MILLWORK: PLAM COUNTER BASE & UPPER CABINETS W/ ADJUSTABLE SHELVING, PLAM COUNTER W/ HD WD EDGE; TACKABLE SURFACE BACKSLASH; (6) ADJUSTABLE SHELVES AT OFFICES (TYP); MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/BLOCKING AND 1/4" X 1/4" HD WD EDGES
- AUDITORIUM**  
 - WALLS - 50% ACOUSTIC WOOD WALL SYSTEM (ARMSTRONG WOODWORKS), 50% GROUND FACED BLOCK  
 - FLOOR - CARPET AT AISLES, SLAB ON GRADE POWER TROWELED CONCRETE AT SEATS (SLAB IS SLOPED AT SEATING AREA)  
 - CEILING - PTD. EXPOSED METAL DECK WITH 50% SUSPENDED WOOD PANEL CEILING (ARMSTRONG WOODWORKS)  
 - 2' X 6' DIAMETER DOUBLE DOME ACRYLIC BUBBLE SKYLIGHT  
 - FLOOR MOUNTED FOLD UP AUDITORIUM SEATING (420 SEATS)
- GYM**  
 - FLOOR - WOOD ATHLETIC FLOORING  
 - BASE - VENTED RUBBER BASE  
 - WALLS - GYM WALL PADS TO BE 8' 8" A.F.F. EXCEPT BEHIND BLEACHERS, PRE-ENGINEERED STANDARD FINISH EVERYWHERE ELSE  
 - CEILING - SUSPENDED LAY IN PRE PAINTED TEGULAR EDGE TECTUM PLANK AND EXPOSED DECK, PTD.  
 - BLEACHERS - TELESCOPING, WALL MOUNTED, MOTORIZED FOR UP TO 750 SEATS
- TOILET ROOMS**  
 - FLOOR - PORCELAIN TILE  
 - BASE - METAL COVE BASE  
 - WALLS TO 96" - CERAMIC TILE, W/ ACCENT COLOR. PTD GWB ABOVE W/HIGH PERFORMANCE COATING  
 - CEILING - PTD W/HIGH PERFORMANCE COATING  
 - MILLWORK: SOLID SURFACE COUNTERS WITH CONCEALED STEEL BRACKETS
- OTHER ROOMS:**  
 - FLOORS - QUARRY TILE AT KITCHEN, 1/3 RUNNING BOND  
 - SEALED CONCRETE AT BACK OF HOUSE  
 - STAIRS - VCT TREADS & RISERS WITH RUBBER NOSING, VCT TILE AT LANDINGS
- WALLS**  
 - FIBER REINFORCED PANELS IN KITCHEN  
 - INTERIOR GLAZING TO BE CHANNEL GLAZING NOT HM
- CEILING:**  
 - ACT IN BACK OF HOUSE AREAS, LOCKER ROOMS & KITCHEN
- GENERAL:**  
 - CLASSROOM LOCKERS 15" H X 20" D X 4" W ANGLED TOP - PHENOLIC W/PLAM FINISH AND WD VENER SIDES AND BACK  
 - ATHLETIC / RE LOCKERS 50" COUNT PER LOCKER ROOM - METAL 2 TIER 30" H X 15" W X 15" D ROLLER SHADE AT DOORS WITH LITES AND GLAZED PARTITIONS  
 - ROLLER SHADE AT SOUTH EXTERIOR WINDOWS  
 - MILLWORK PLAM - WD GRAM PLAM FINISH  
 - 2" MAXIMUM TOPPING SLAB ACOUSTIC AT FLOORS 2, 3, 4
- TECH/ FIXTURES/ FURNISHINGS**  
 - ACADEMIC AREAS:  
 - OPERABLE WINDOWS  
 - LOW VOLUME DISPLACEMENT VENTILATION  
 - INDIRECT LED COVE LIGHTING  
 - PAGING SYSTEM, WIRELESS DATA INTERCOM, CLOCK SYSTEM,  
 - SOUND LIFT SYSTEM, WIRELESS ACCESS POINT, LED TOUCH SCREEN MONITOR

1 FOURTH FLOOR PLAN - OVERALL  
1/2" = 1'-0"

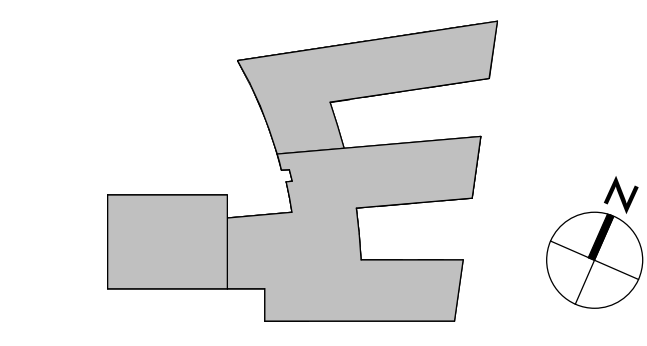
THIRD FLOOR GSF: 23,528 SF

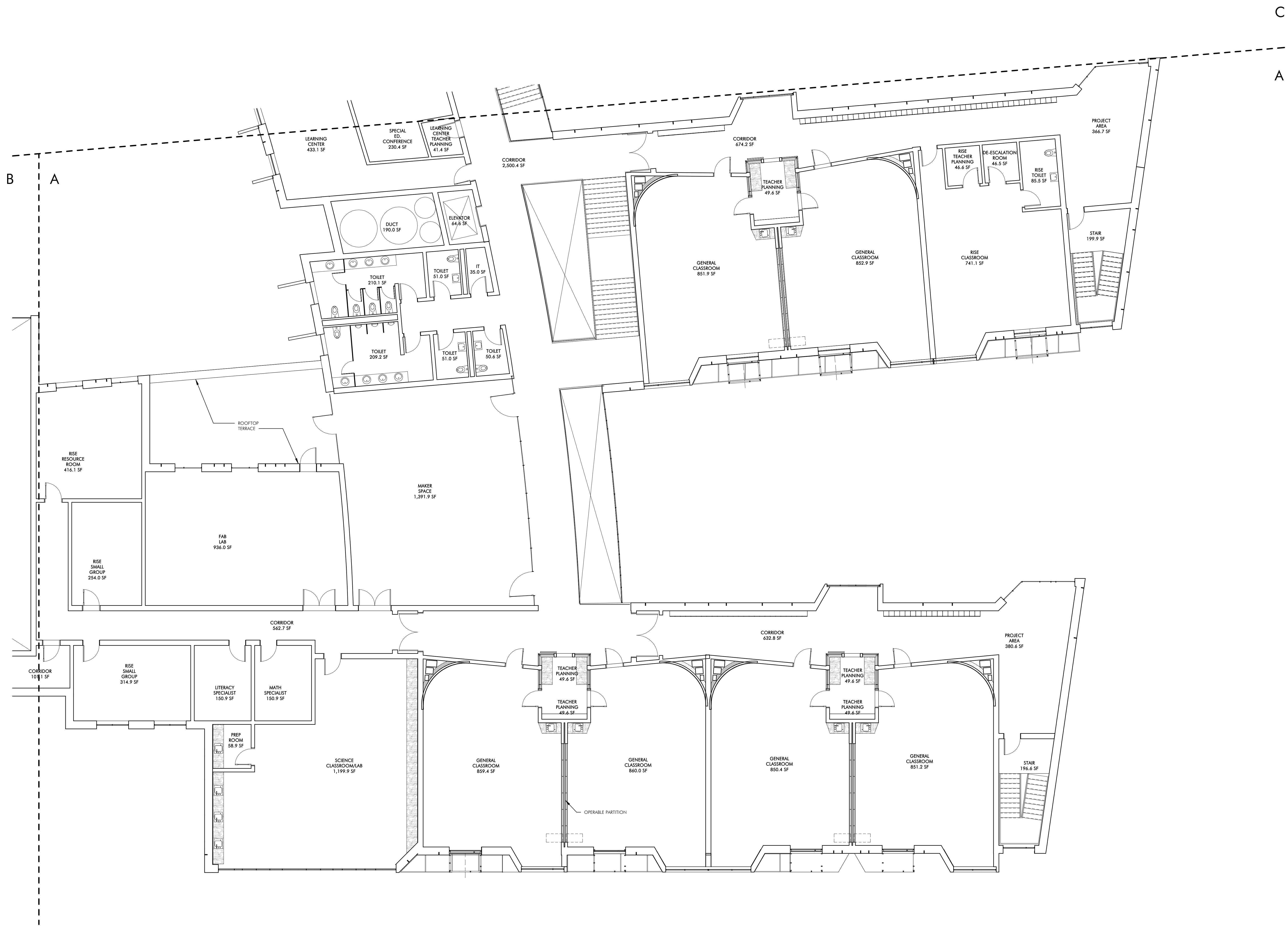
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NOT FOR CONSTRUCTION

**BALDWIN SCHOOL**  
484-40 Health Street, Boston, MA

PROJECT STATUS	
5/22/2019 SCHEMATIC DESIGN	
REVISIONS	
No.	Description
DRAWING NAME FOURTH FLOOR PLAN	
PROJECT NO.	1822
DRAWING NO.	<b>A104</b>





1 FOURTH FLOOR PLAN - A  
1/8" = 1'-0"

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CONSTRUCTION

**BALDWIN SCHOOL**  
484-490 Heath Street, Braintree, MA

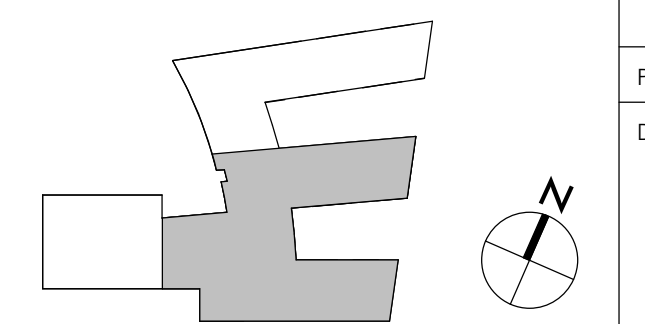
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5/22/2019  
SCHEMATIC DESIGN

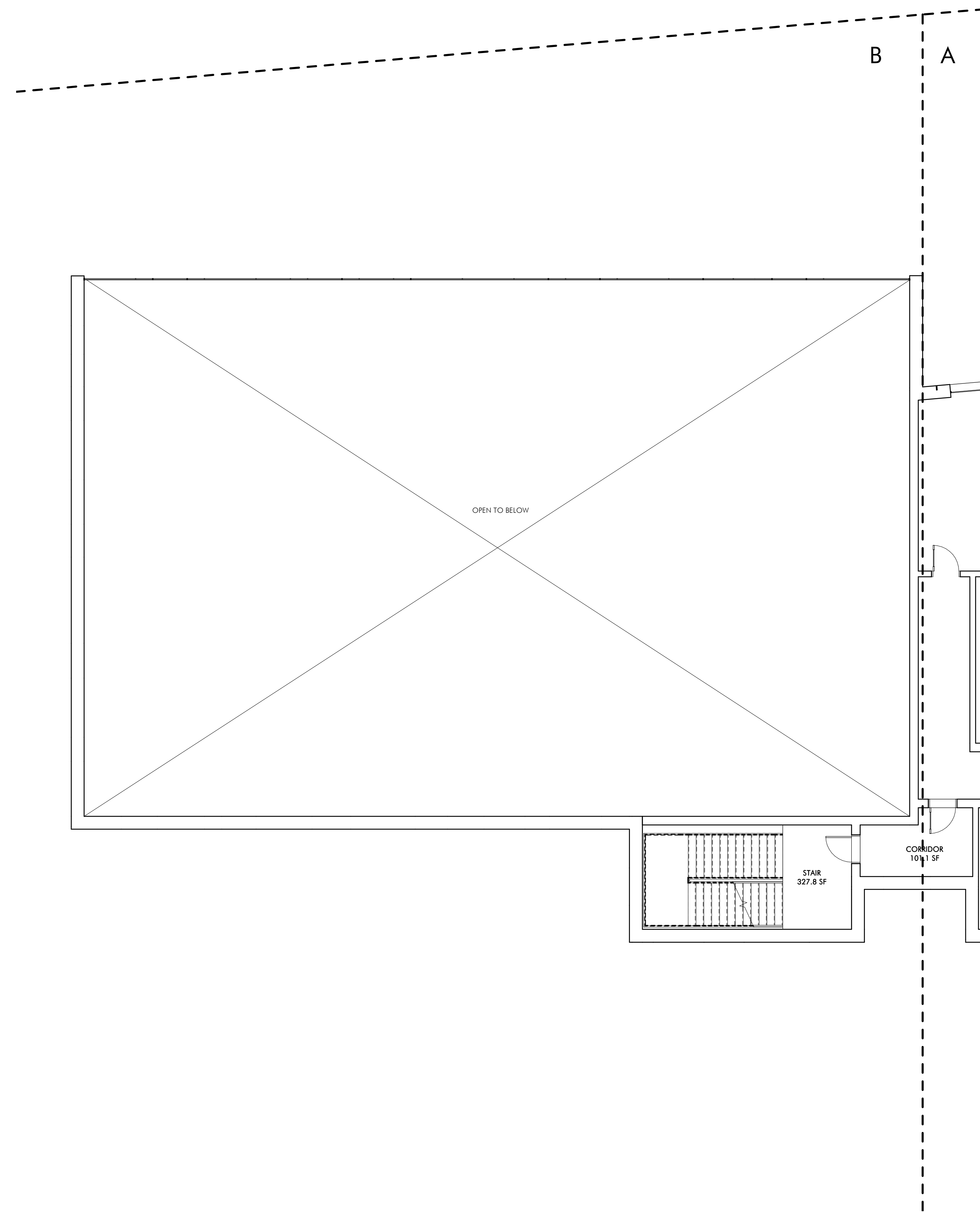
REVISIONS		
No.	Date	Description

DRAWING NAME  
FOURTH FLOOR  
PLAN - A

PROJECT NO. 1822  
DRAWING NO.

**A104A**





1 FOURTH FLOOR PLAN - B  
1/8" = 1'-0"

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**BALDWIN SCHOOL**  
484-490 Heath Street, Braintree, MA

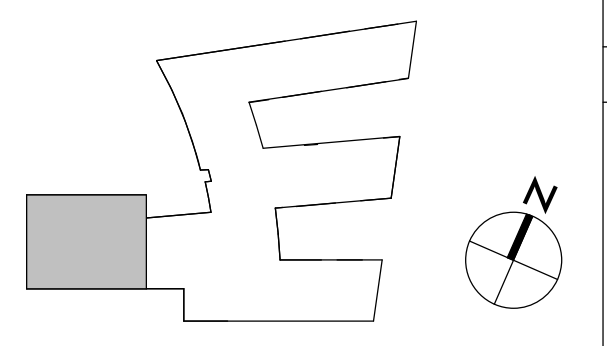
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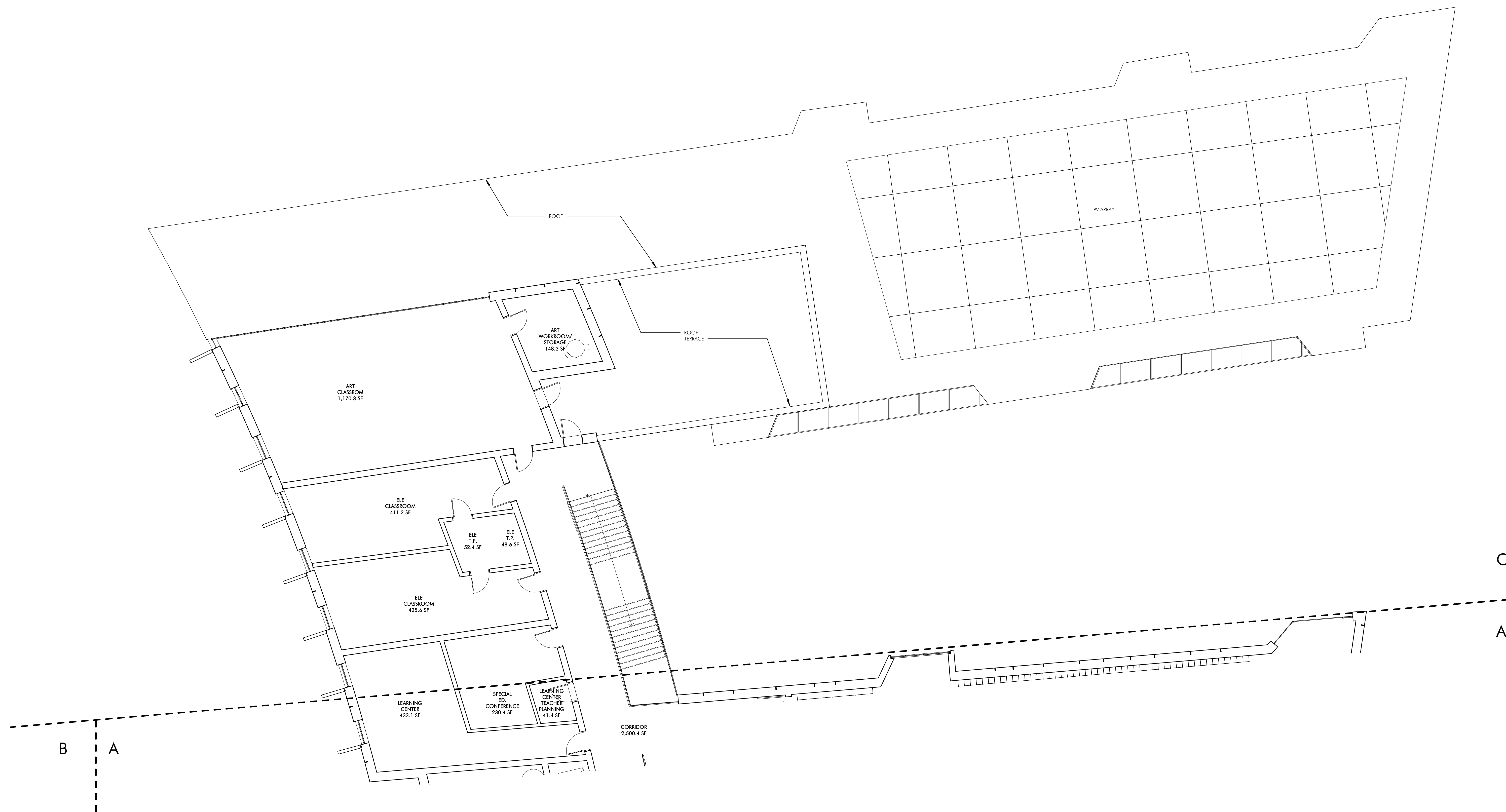
REVISIONS		
No.	Date	Description

DRAWING NAME  
FOURTH FLOOR  
PLAN - B

PROJECT NO. 1822  
DRAWING NO.

**A104B**





1 FOURTH FLOOR PLAN - C  
1/8" = 1'-0"

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CONSTRUCTION

**BALDWIN SCHOOL**  
484-490 Heath Street, Brookline, MA

PROJECT STATUS  
5/22/2019  
SCHEMATIC DESIGN

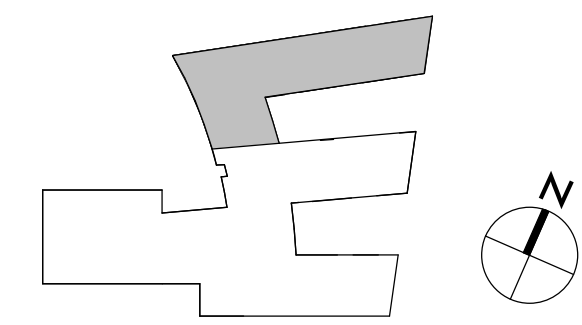
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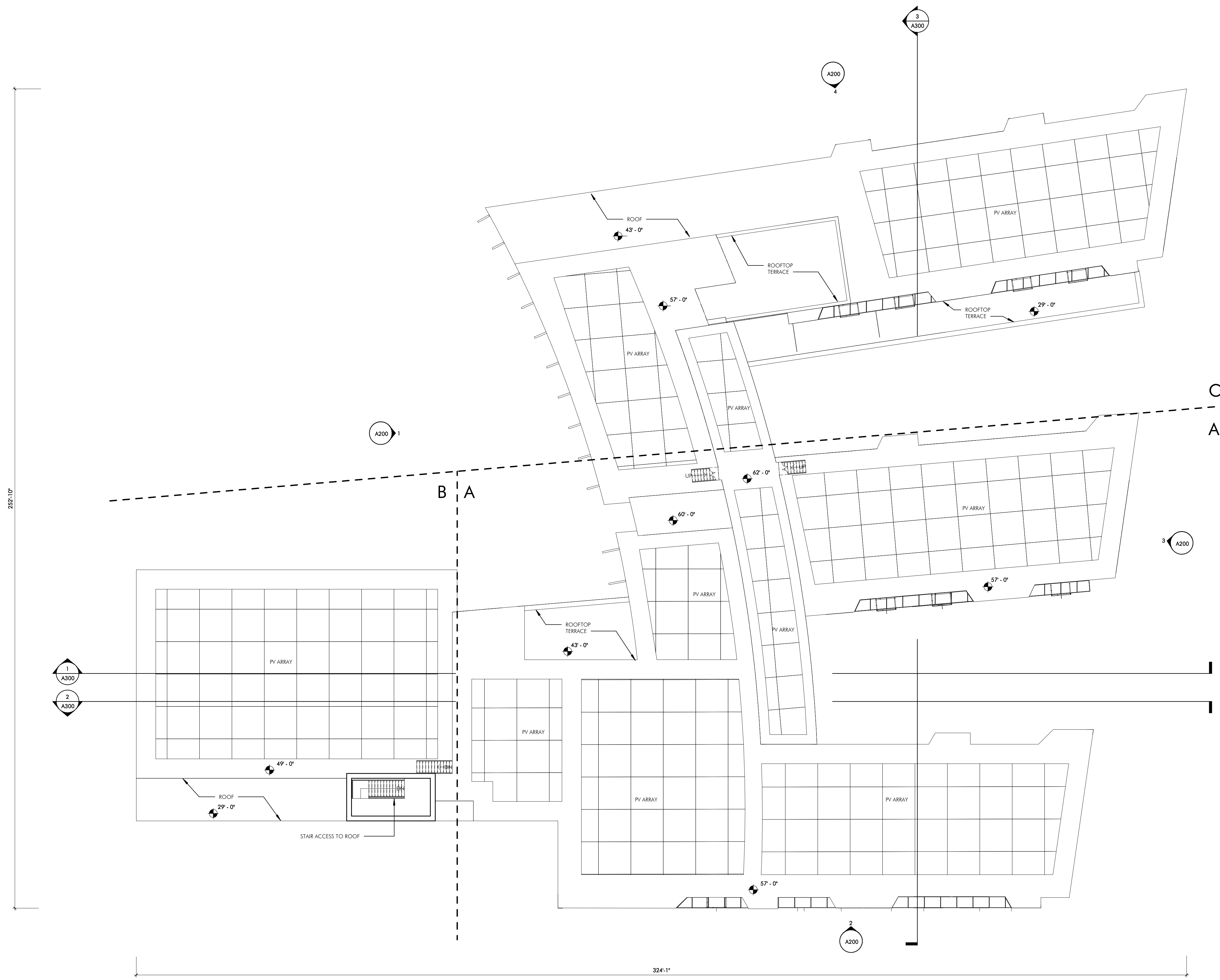
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FOURTH FLOOR  
PLAN - C

PROJECT NO. 1822

DRAWING NO.

**A104C**





1 ROOF PLAN - OVERALL  
1/16" = 1'-0"

NOT FOR  
CONSTRUCTION

BALDWIN SCHOOL  
484-490 Heath Street, Englewood, MA

PROJECT STATUS  
5/22/2019  
SCHEMATIC DESIGN

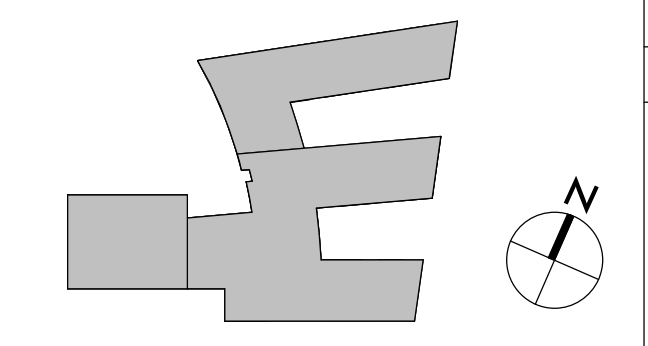
REVISIONS

No.	Date	Description

DRAWING NAME  
ROOF PLAN

PROJECT NO. 1822  
DRAWING NO.

A105





1 ROOF PLAN - A  
1/8" = 1'-0"

**JLA**  
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NOT FOR  
CONSTRUCTION

**BALDWIN SCHOOL**  
484-490 Heath Street, Brookline, MA

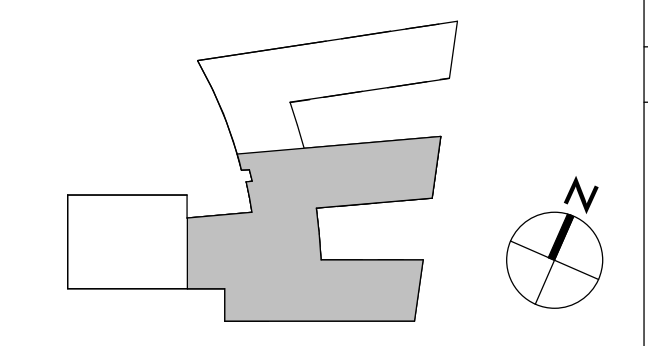
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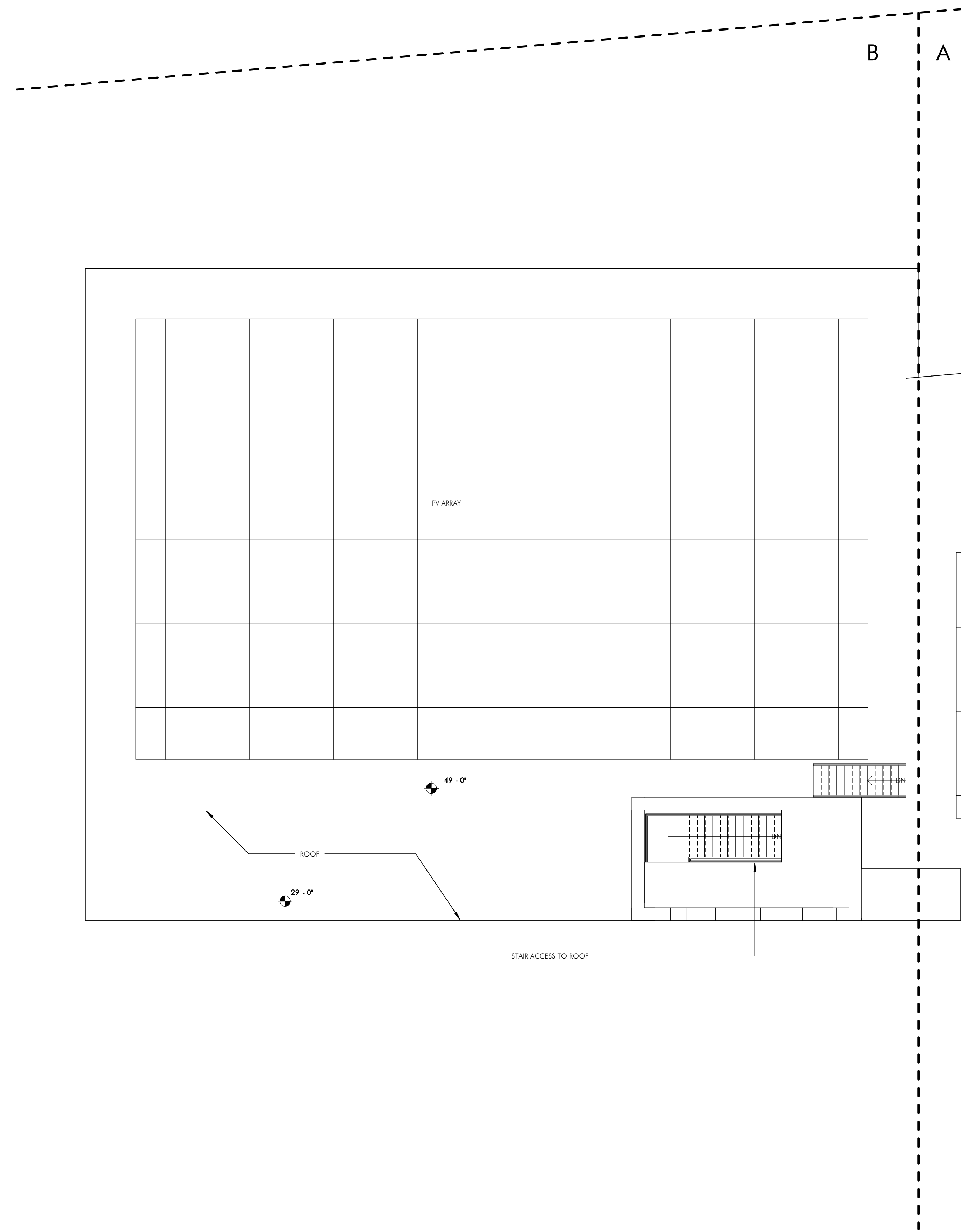
REVISIONS		
No.	Date	Description

DRAWING NAME  
ROOF PLAN - A

PROJECT NO. 1822

DRAWING NO. **A105A**





1 ROOF PLAN - B  
1/8" = 1'-0"

**JLA**  
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NOT FOR  
CONSTRUCTION

**BALDWIN SCHOOL**  
484-490 Heath Street, Brookline, MA

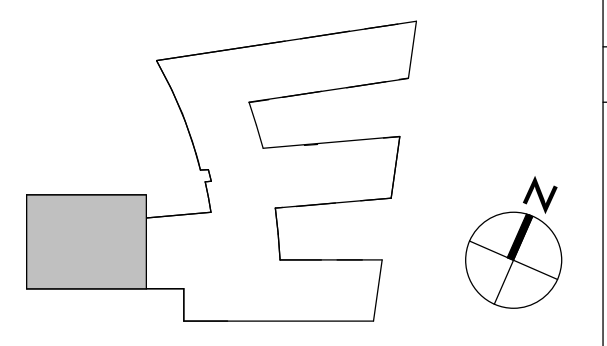
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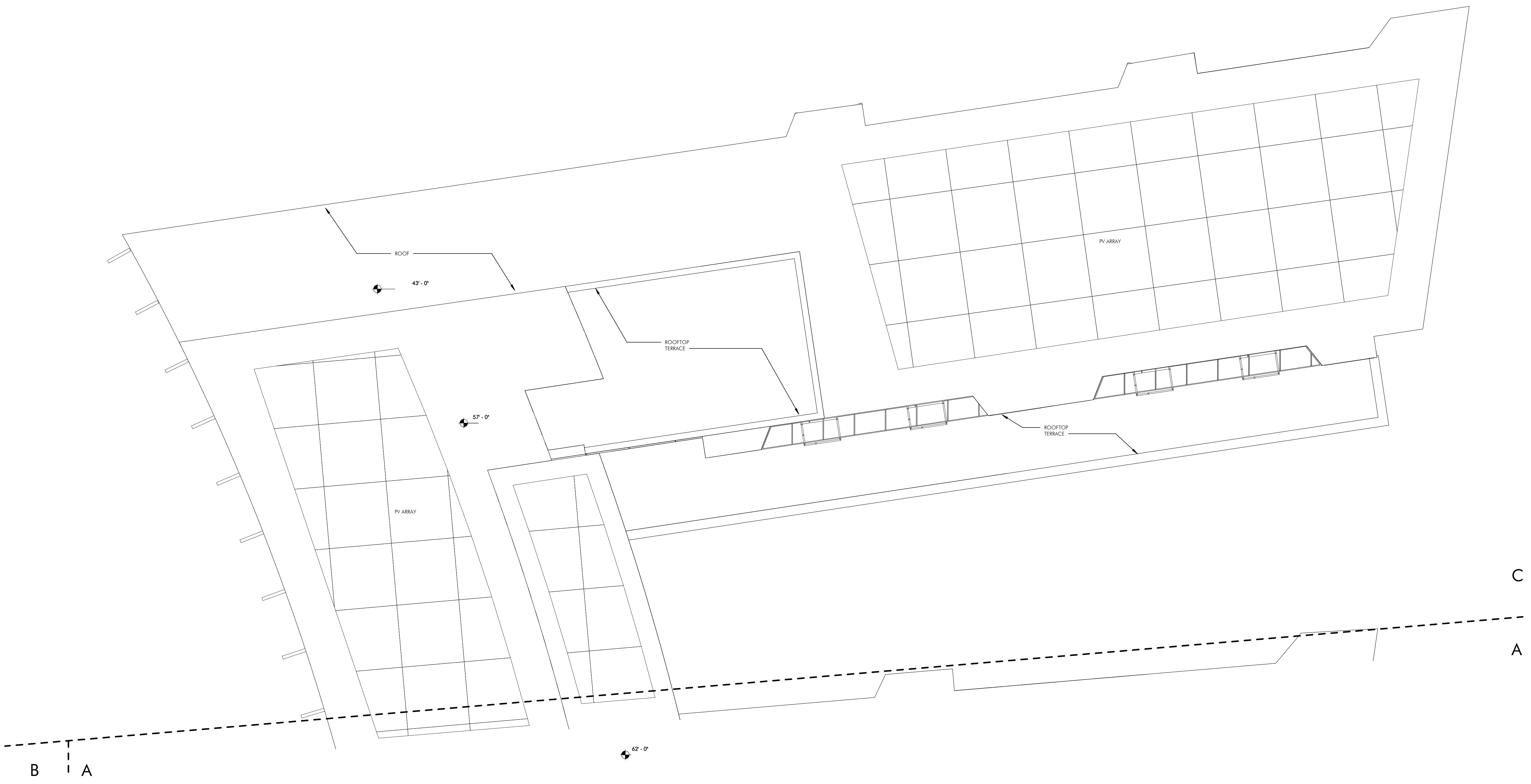
REVISIONS		
No.	Date	Description

DRAWING NAME  
ROOF PLAN - B

PROJECT NO. 1822  
DRAWING NO.

**A105B**





1 ROOF PLAN - C  
1/8" = 1'-0"

**JLA**  
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NOT FOR  
CONSTRUCTION

**BALDWIN SCHOOL**  
484-490 Heath Street, Lynnfield, MA

PROJECT STATUS  
5/22/2019  
SCHEMATIC DESIGN

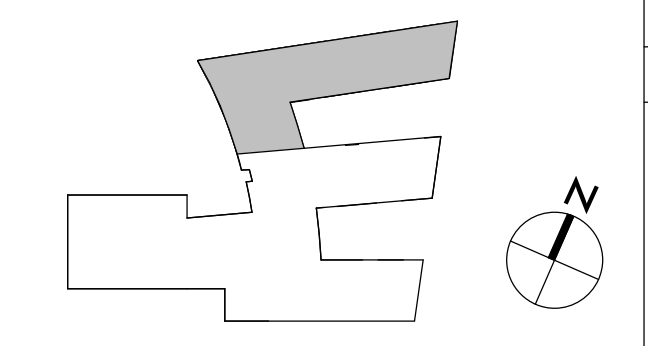
REVISIONS

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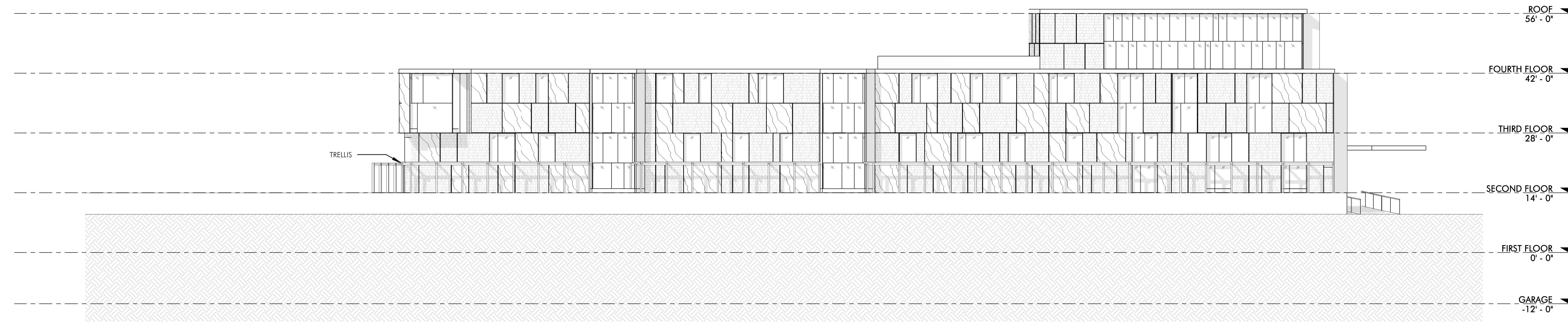
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ROOF PLAN - C

PROJECT NO. 1822  
DRAWING NO.

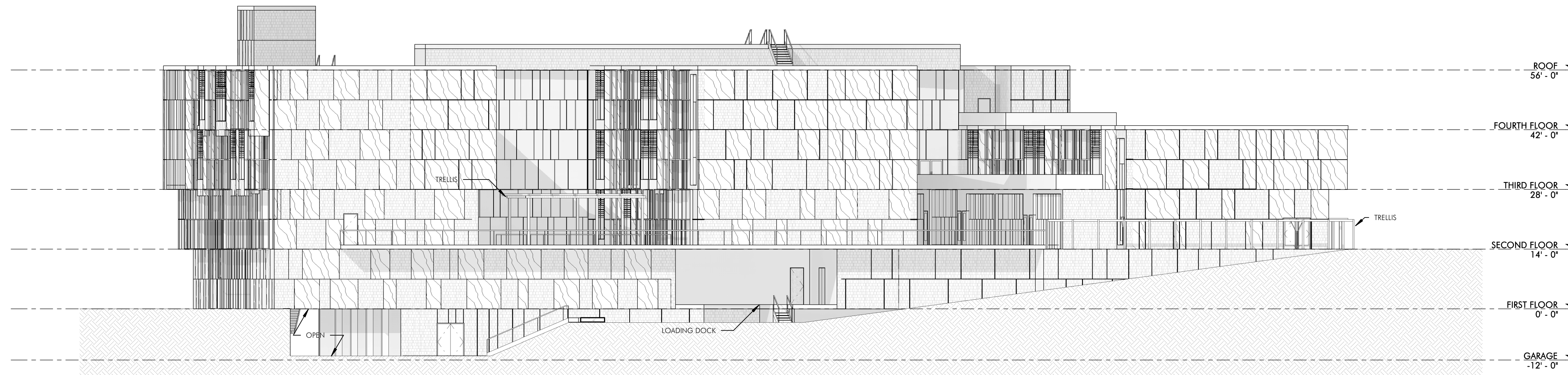
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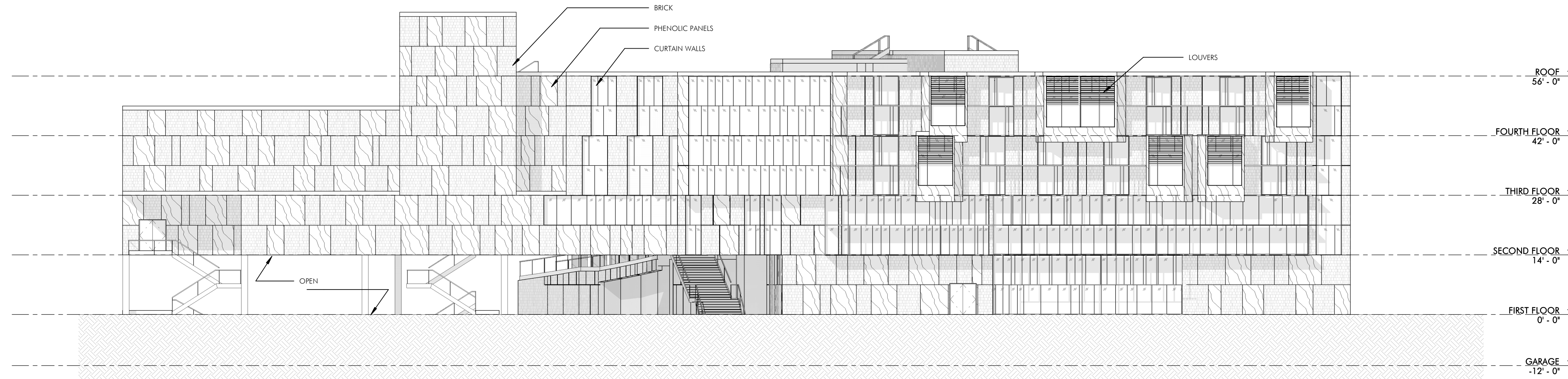




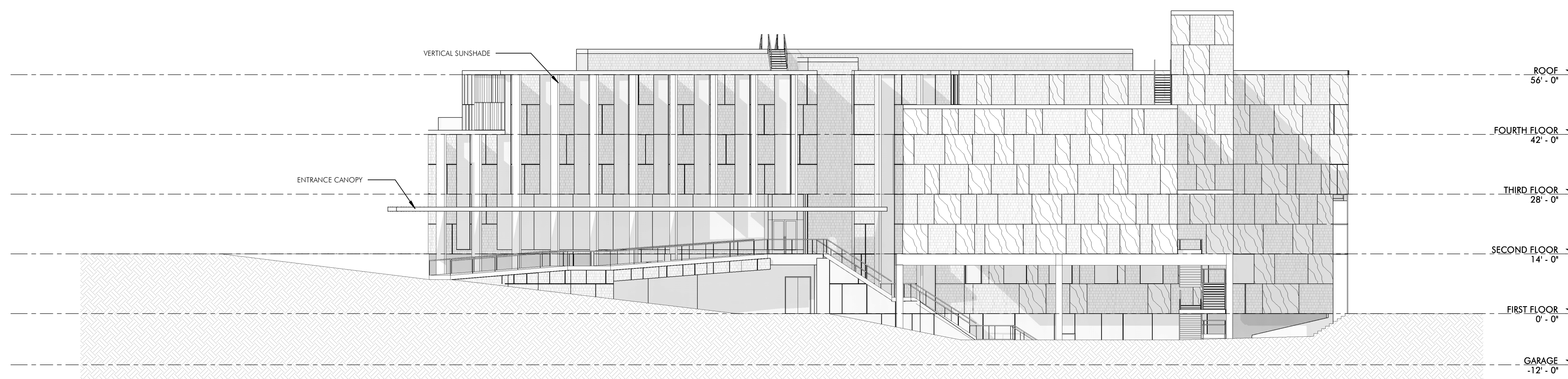
4 NORTH ELEVATION  
1/16" = 1'-0"



3 EAST ELEVATION  
1/16" = 1'-0"



2 SOUTH ELEVATION  
1/16" = 1'-0"



1 WEST ELEVATION  
1/16" = 1'-0"

**EXTERIOR FINISHES**

**PRIMARY EXTERIOR WALLS (75% NON-GLAZED WALL SURFACE):**  
1. BRICK VENEER WITH 1 1/2" AIR SPACE, R-18 INSULATION OVER FR SHEET APPLIED AVB, 5/8" FIBERGLASS FACED GYPSUM SHEATHING AND 8" CMF WITH AN INTERIOR LAYER OF 3/8" CWB, 4 X 12 IRON-SPIT BRICK WITH CUSTOM 3/8" SCORES Laid IN A RANDOM PATTERN (BRICK EQUAL TO ENDICOTT/BELDEN).

**SECONDARY EXTERIOR WALLS (25% NON-GLAZED WALL SURFACE):**  
2. PHENOLIC PANELS (TRESPA OR SMA) BACK VENTED OVER THERMAL Z FURRING, R-18 INSULATION OVER FR SHEET APPLIED AVB, 5/8" FIBERGLASS FACED GYPSUM SHEATHING AND 8" CMF WITH AN INTERIOR LAYER OF 3/8" CWB.  
3. BELOW GRADE FOUNDATION, WALLS WILL BE COVERED WITH R-20 XPS OVER WATERPROOFING.

**SLAB ON GRADE AT OCCUPIED SPACE:**  
SLABS ON GRADE AT OCCUPIED AREAS WILL BE SET OVER A 1.5 MIL SHEET POLY VAPOR BARRIER AND 2" RIGID INSULATION.

**GLAZING:**  
1. INSULATING GLASS WITH LOW-E COATINGS ON SURFACE #2 AND SURFACE #4 EQUAL TO GUARDIAN SHX 6027 WITH 1200 ON SURFACE 4. WARM EDGE SPACER.  
THE SKYLIGHTS 50% CUSTOM WHITE PATTERNED FRIT ON SOUTHERLY EXPOSURES (50% OF THE GLASS AREA OF THE SKYLIGHTS).

**PRIMARY GLASS FRAMING SYSTEM:**  
HIGH-PERFORMANCE THERMAL CURTAIN WALL AND WINDOW SYSTEMS EQUAL TO KAWNEER 1600 UT, 8" CUSTOM CAP COVERS ON VERTICALS, HORIZONTALS, 2-COAT MICA FINISH (PPG SUNFORM).

**OPERABLE VENTS:**  
ZERO SIGHTLINE OPERABLE VENTS, 4 SIDED STRUCTURAL SILICONE WITH SINGLE LEVER MULTIPOINT LOCKING SYSTEM WITH 4 BAR STAINLESS STEEL HINGES.

**SKYLIGHT GLASS FRAMING SYSTEM (DRISCOLL):**  
EQUAL TO KAWNEER 2000 CAPTURED SKYLIGHT SYSTEM, 2-COAT MICA FINISH (PPG SUNFORM).

**SOLAR SHADING:**  
HORIZONTAL TRANSLUCENT TEMPERED GLASS SHADING ON PROJECTED ALUMINUM FRAMES WILL BE PROVIDED FOR GLAZED AREAS ON THE SOUTH ELEVATION. VERTICAL TRANSLUCENT TEMPERED GLASS SHADING ON PROJECTED ALUMINUM FRAMES ON THE WEST ELEVATION AND EAST ELEVATIONS.

**ROOFS:**  
R-42 POLY-ISO ROOF INSULATION FULLY ADHERED WHITE PVC MEMBRANE OVER 1/2" COVER-BOARD AND A VAPOR RETARDER ON COMPOSITE CONCRETE DECKS.

**SOFFITS:**  
SMALL SOFFIT AREAS AT BAY PROJECTIONS WILL UTILIZE R-20, 5" OF MINERAL FIBER INSULATION. SOFFIT MATERIAL WILL BE PHENOLIC PANELS ON THERMAL Z FURRING OVER FR SHEET APPLIED AVB AND FIBERGLASS FACED SHEATHING SECURED TO THE UNDERSIDE OF THE DECK.

LARGE AREAS OF EXPOSED SOFFIT (UNDER THE GYMNASIUM AND DRIVE THROUGH AT BALDWIN) SHOULD BE CALCULATED AT R-22. 2" OF CLOSED CELL SPRAY FOAM WITH FLUID APPLIED FLAME BARRIER ON THE DECK AND 5" OF MINERAL FIBER INSULATION. SOFFIT MATERIAL WILL BE PHENOLIC PANELS SUPPORTED ON THERMAL Z FURRING.



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BALDWIN SCHOOL  
484-480 Heath Street, Ipswich, MA

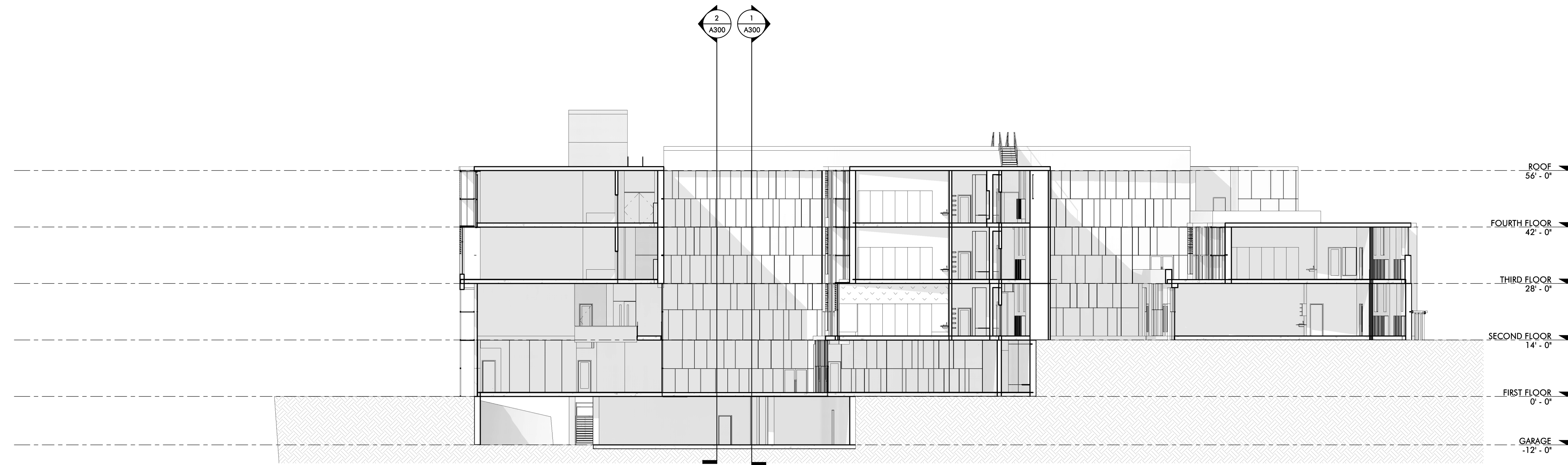
PROJECT STATUS  
5/22/2019  
SCHEMATIC DESIGN

REVISIONS		
No.	Date	Description

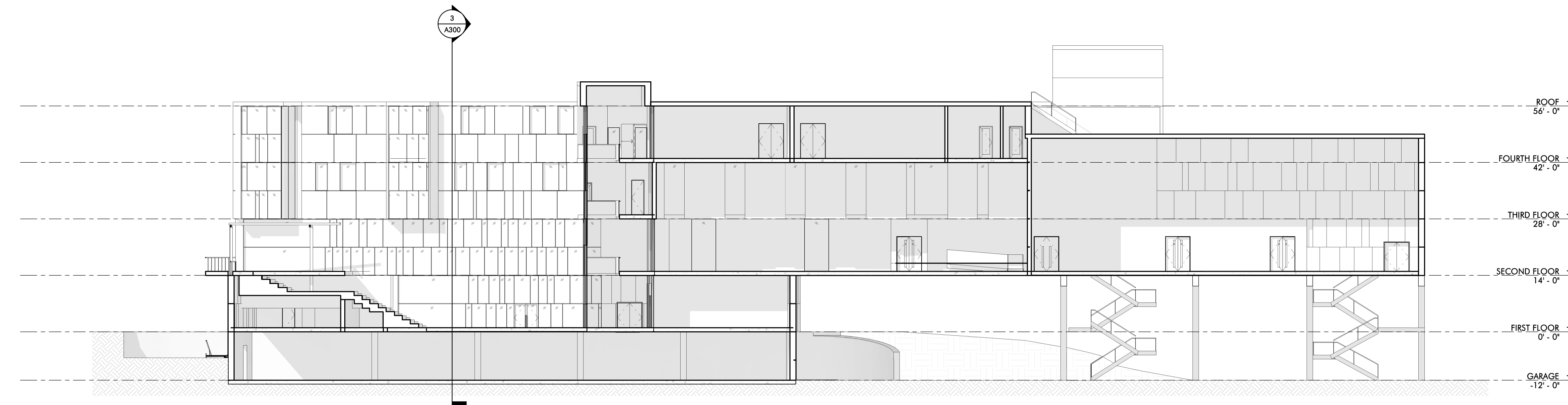
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BUILDING ELEVATIONS

PROJECT NO. 1822  
DRAWING NO.

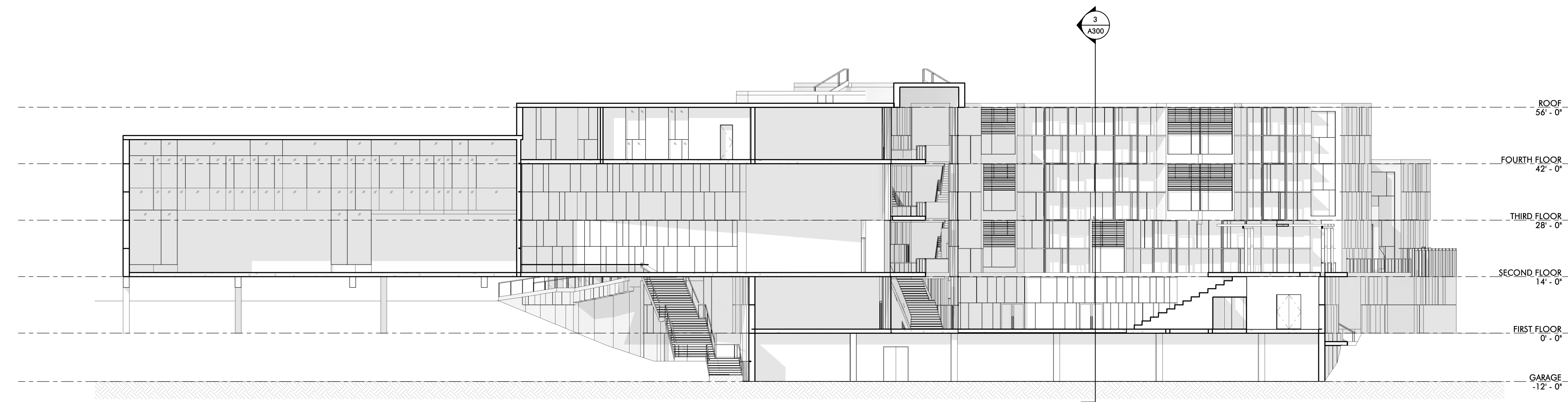
A200



3 CROSS SECTION LOOKING WEST  
1/16" = 1'-0"

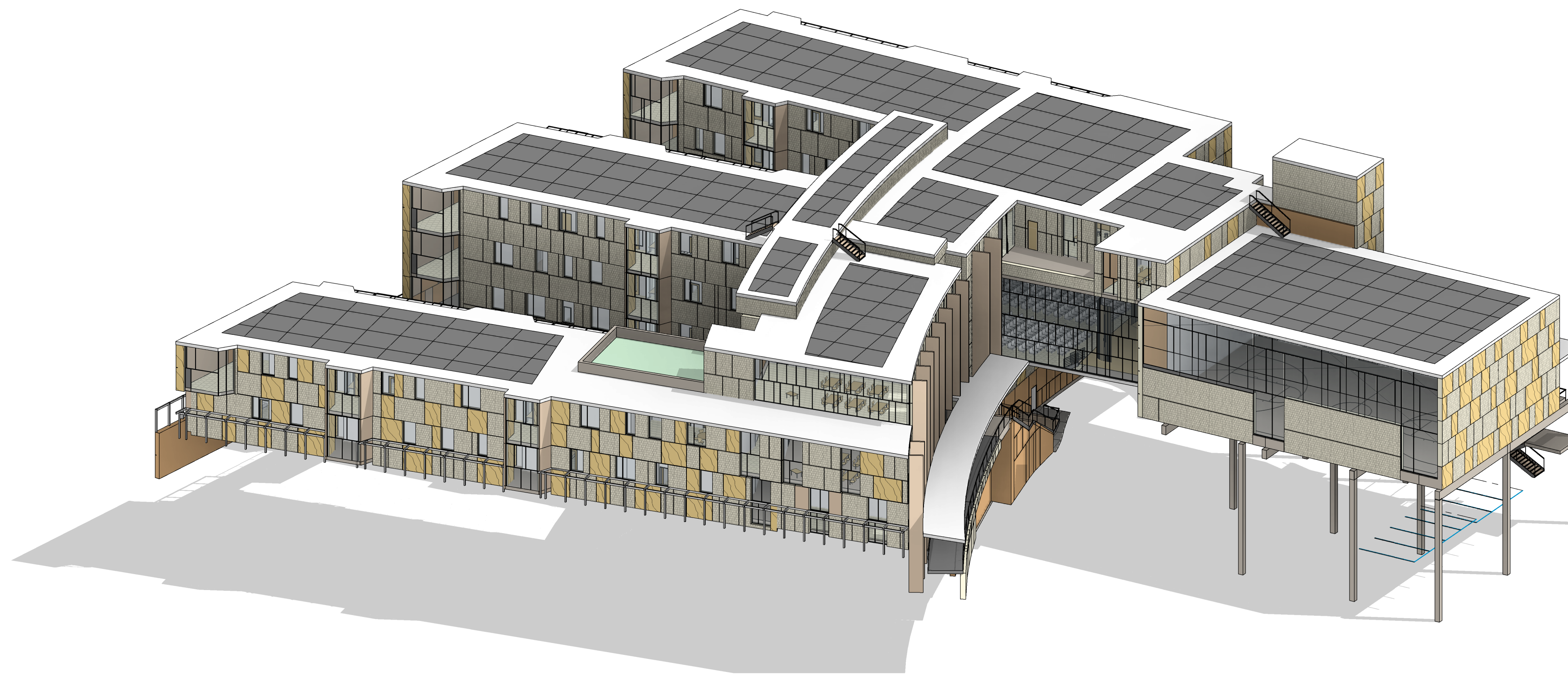


2 LONGITUDINAL SECTION LOOKING SOUTH  
1/16" = 1'-0"

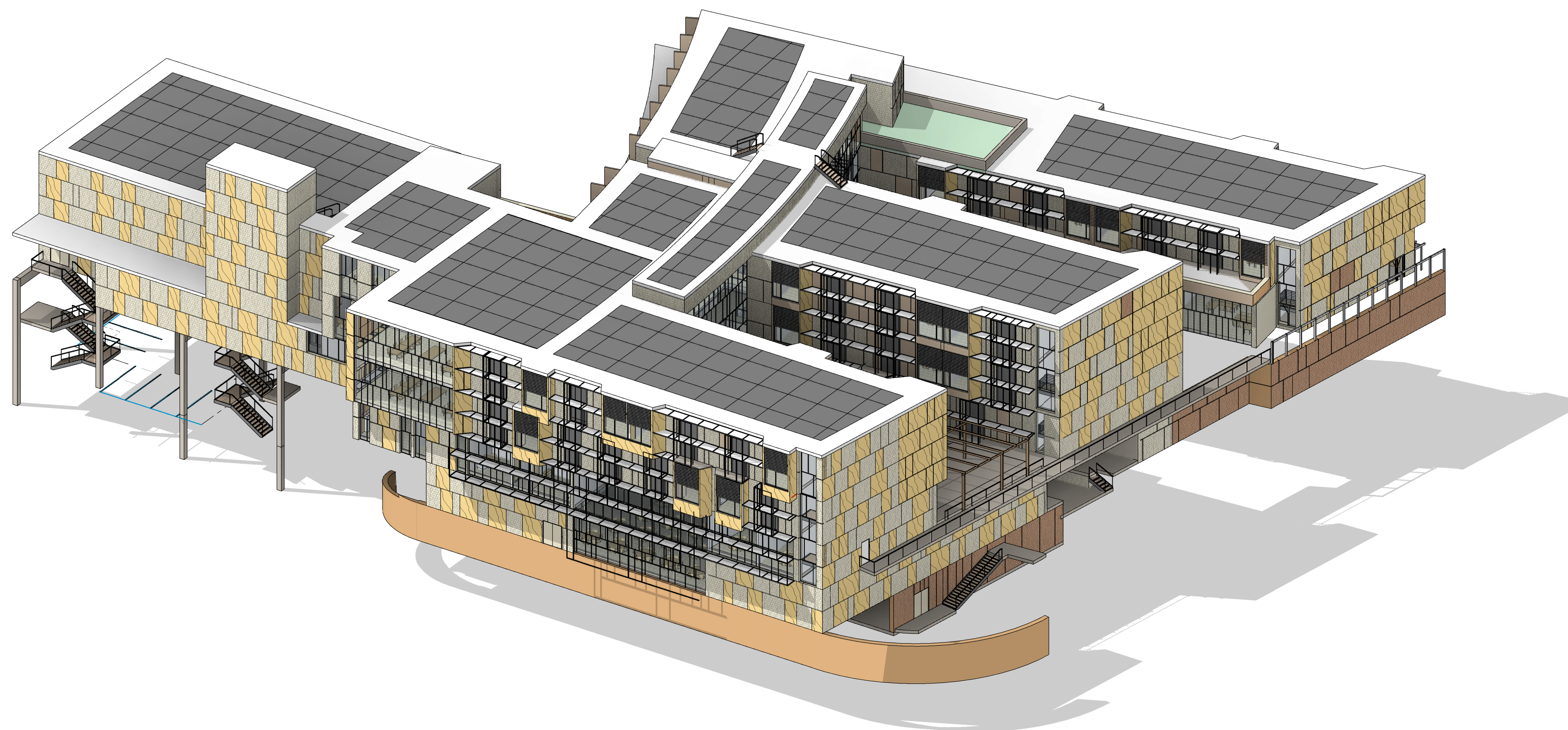


1 LONGITUDINAL SECTION LOOKING NORTH  
1/16" = 1'-0"

No.	Date	Description



2 3D NORTH EAST



1 3D SOUTH EAST

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NOT FOR  
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**BALDWIN SCHOOL**  
484-490 Heath Street, Brookline, MA

PROJECT STATUS  
5/22/2019  
SCHEMATIC DESIGN

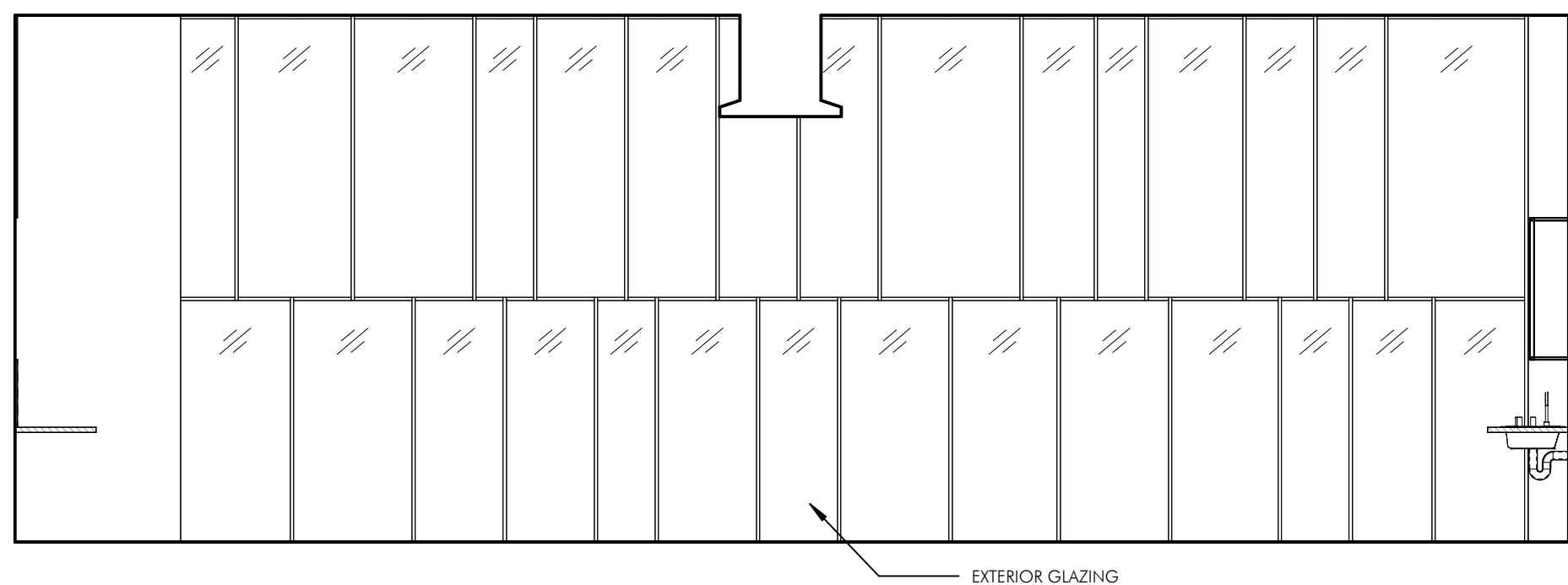
REVISIONS

No.	Date	Description

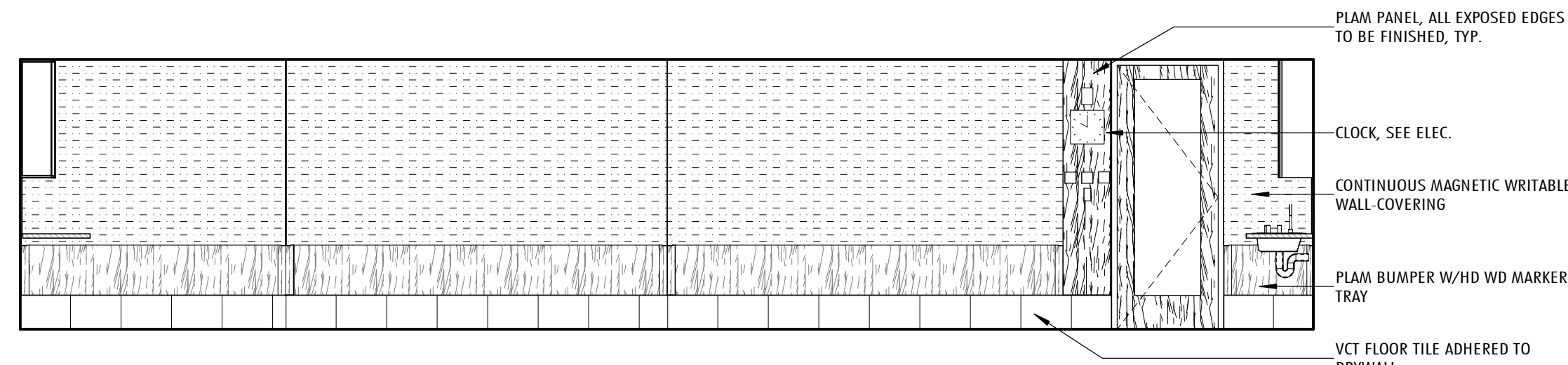
DRAWING NAME  
EXTERIOR 3D VIEWS

PROJECT NO. 1822  
DRAWING NO.

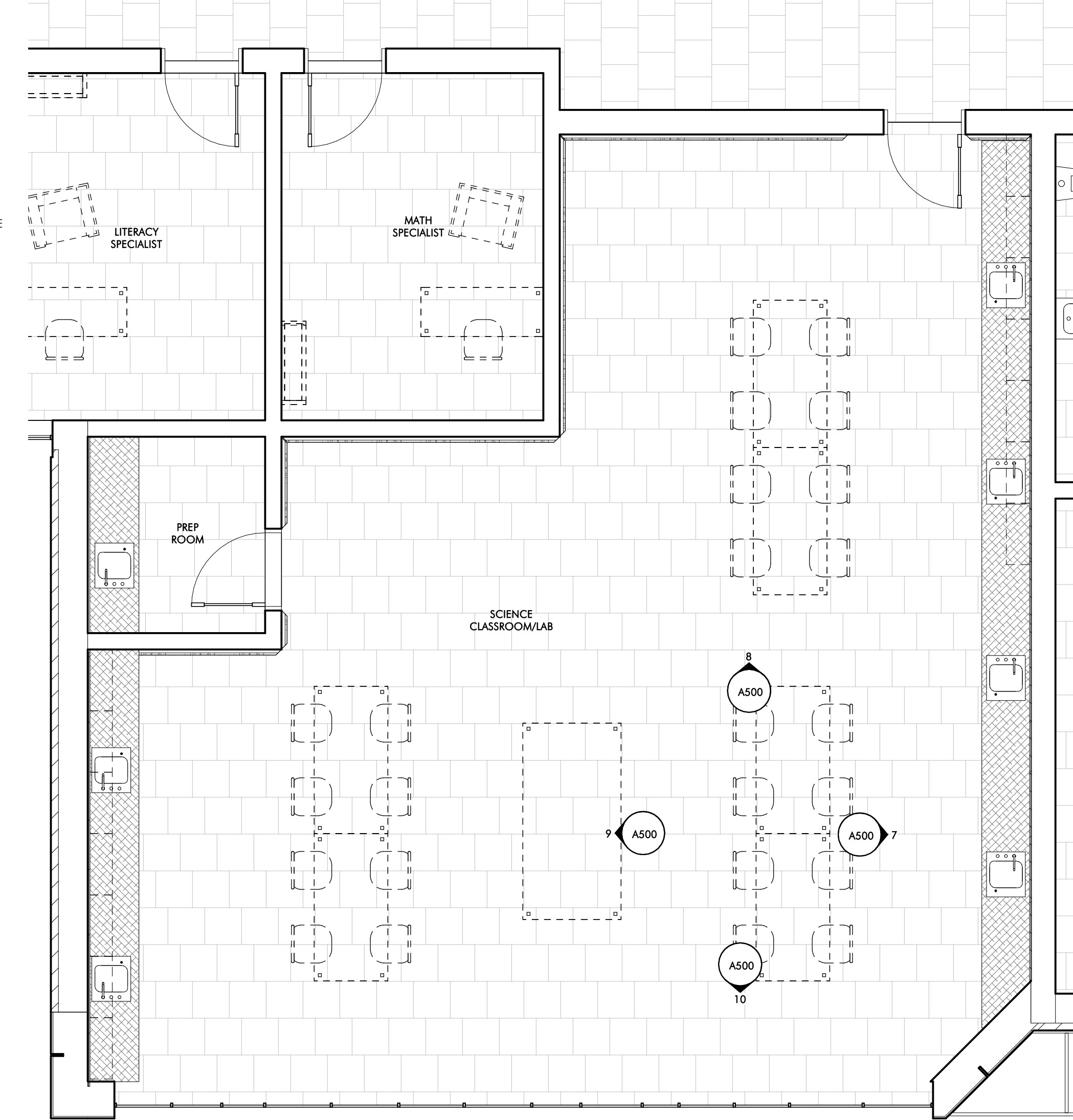
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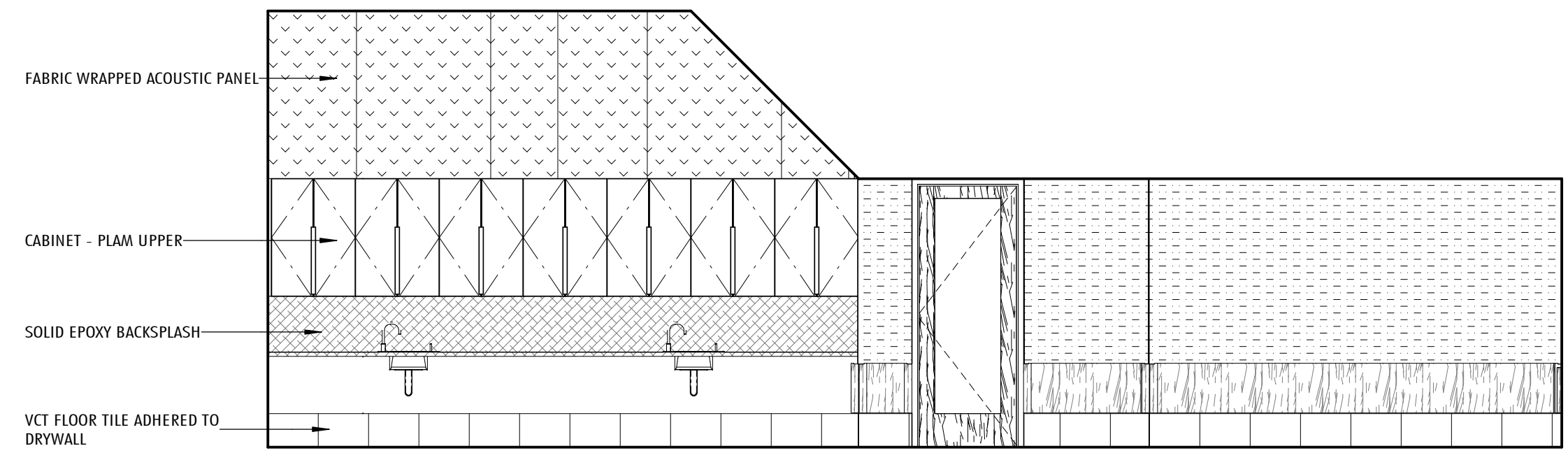
10 TYPICAL SCIENCE CLASSROOM INTERIOR ELEVATION - SOUTH  
1/4" = 1'-0"



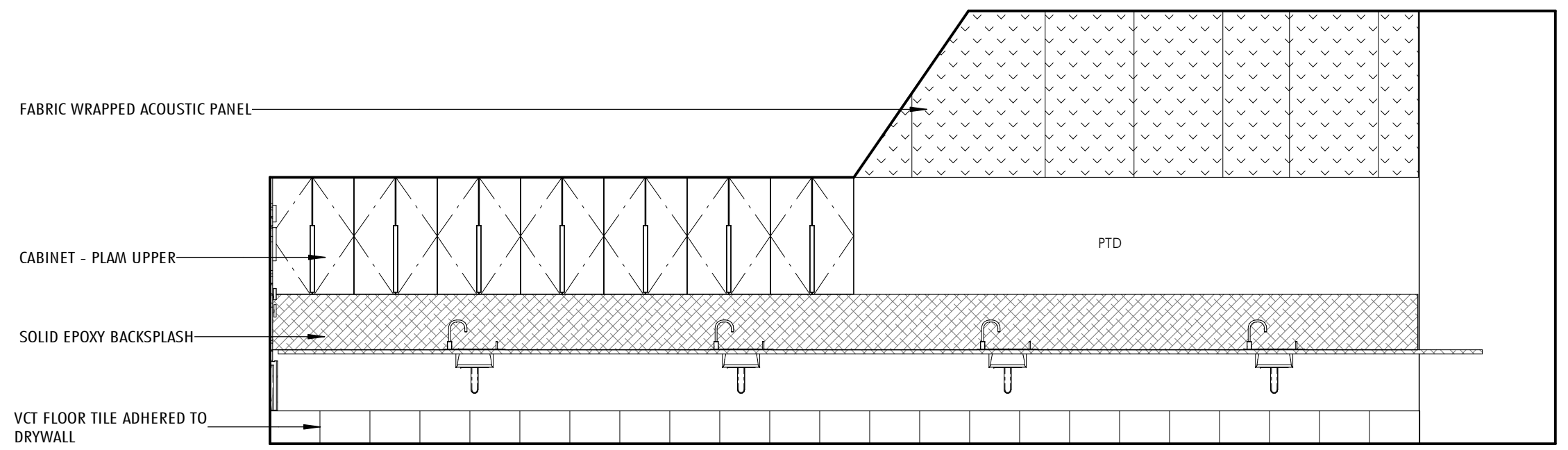
8 TYPICAL SCIENCE CLASSROOM INTERIOR ELEVATION - NORTH  
1/4" = 1'-0"



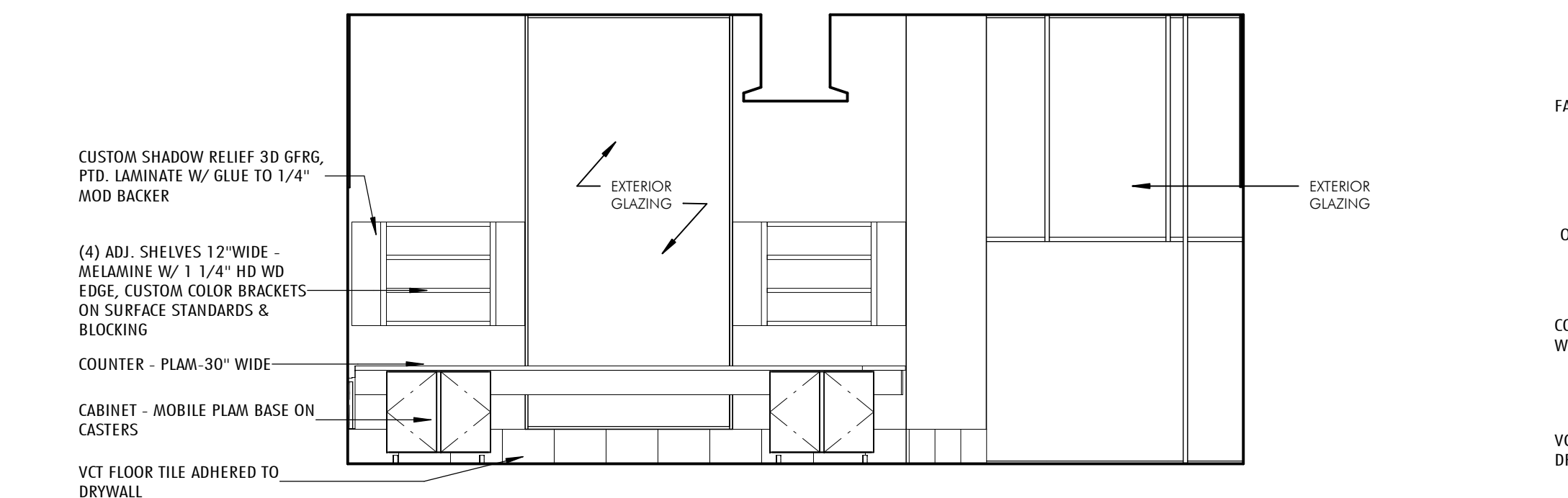
6 TYPICAL SCIENCE CLASSROOM - ENLARGED PLAN  
1/4" = 1'-0"



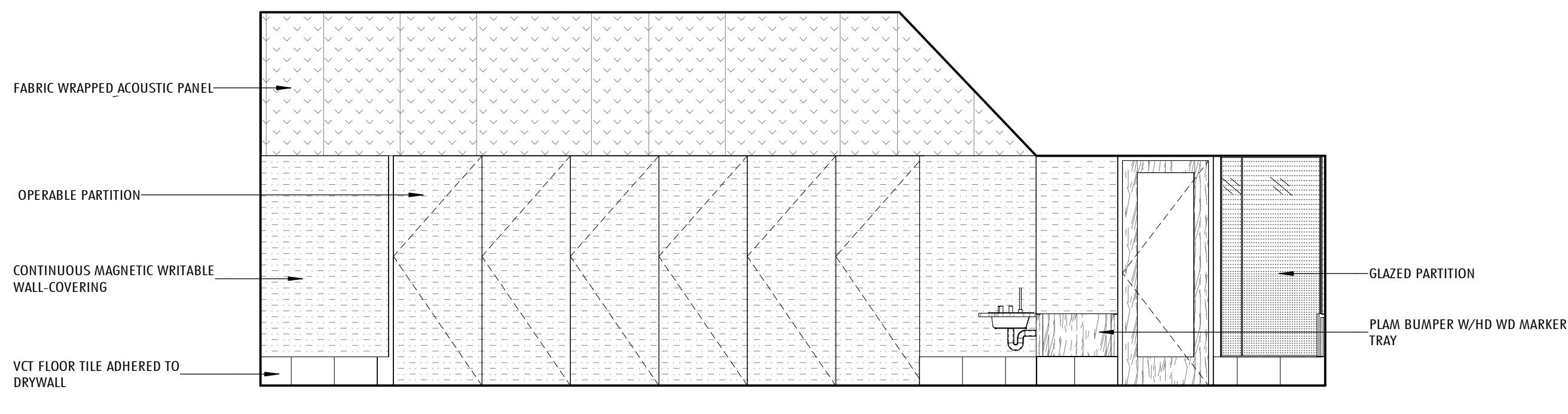
9 TYPICAL SCIENCE CLASSROOM INTERIOR ELEVATION - WEST  
1/4" = 1'-0"



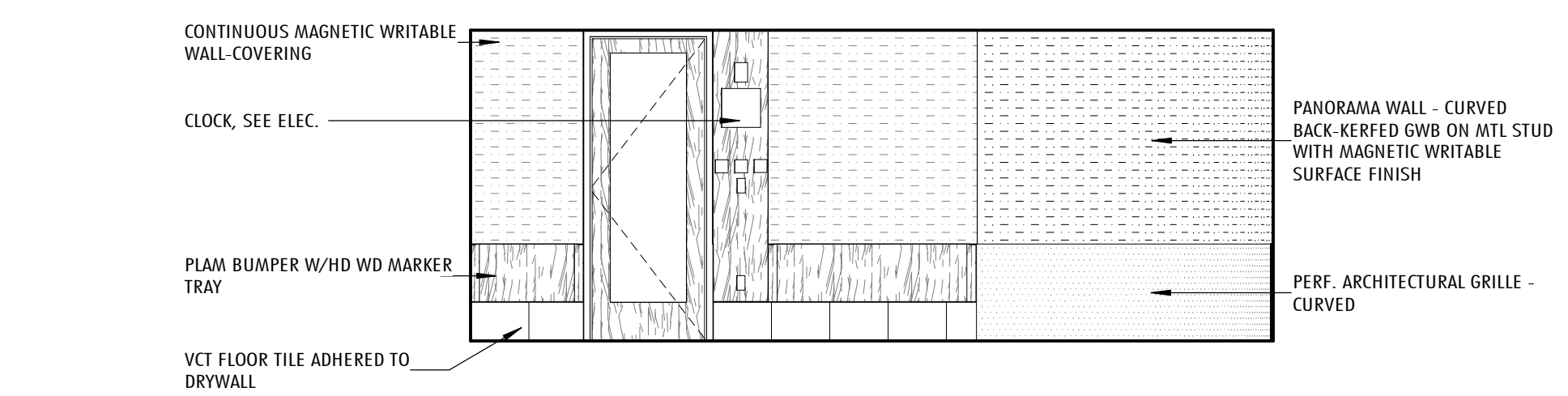
7 TYPICAL SCIENCE CLASSROOM INTERIOR ELEVATION - EAST  
1/4" = 1'-0"



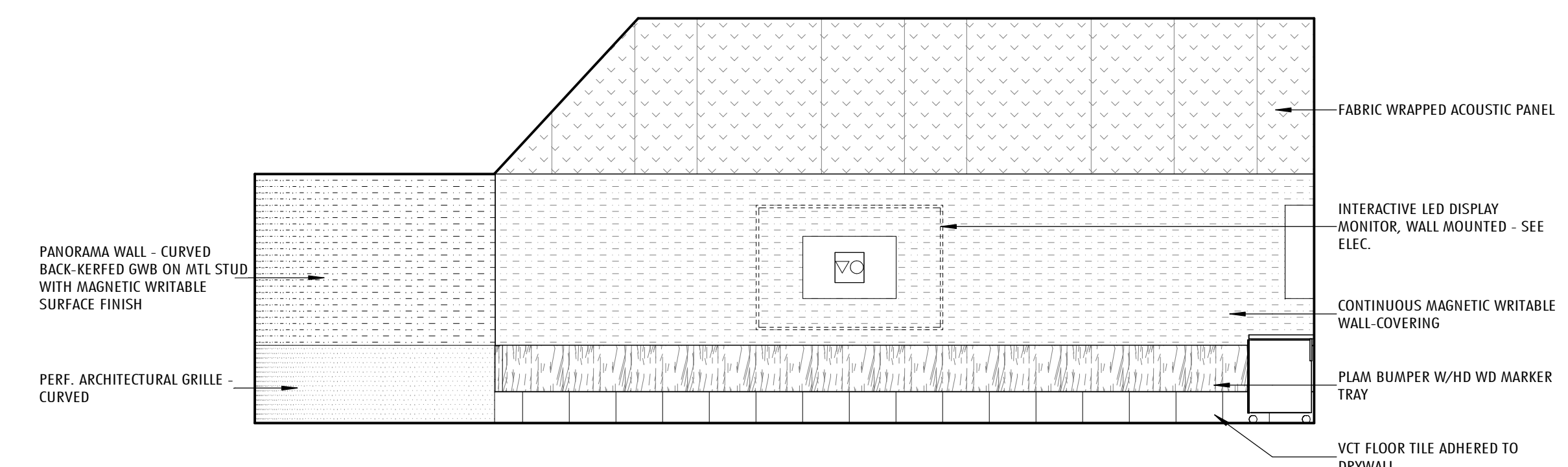
5 TYPICAL CLASSROOM INTERIOR ELEVATION - SOUTH  
1/4" = 1'-0"



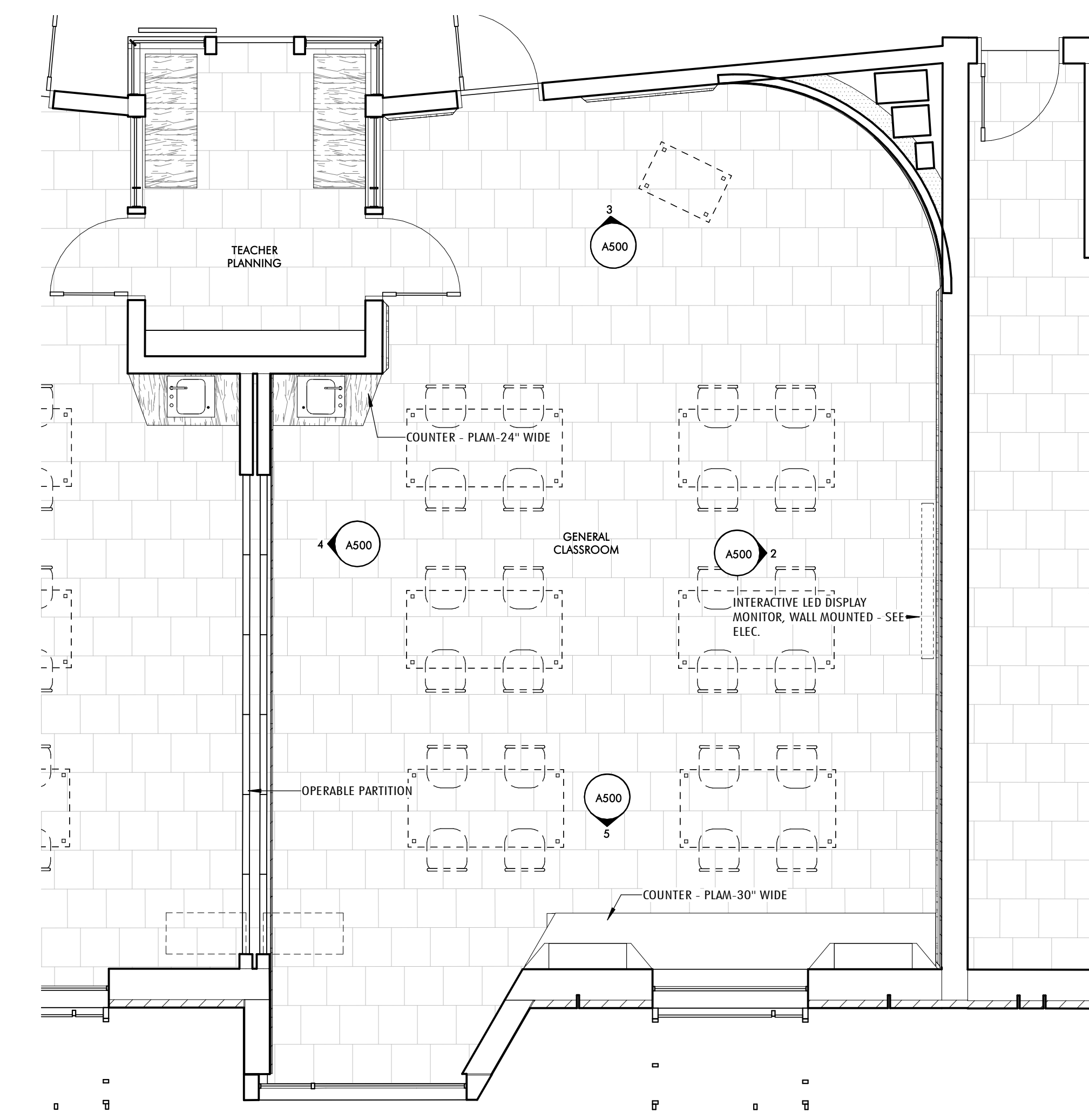
4 TYPICAL CLASSROOM INTERIOR ELEVATION - WEST  
1/4" = 1'-0"



3 TYPICAL CLASSROOM INTERIOR ELEVATION - NORTH  
1/4" = 1'-0"

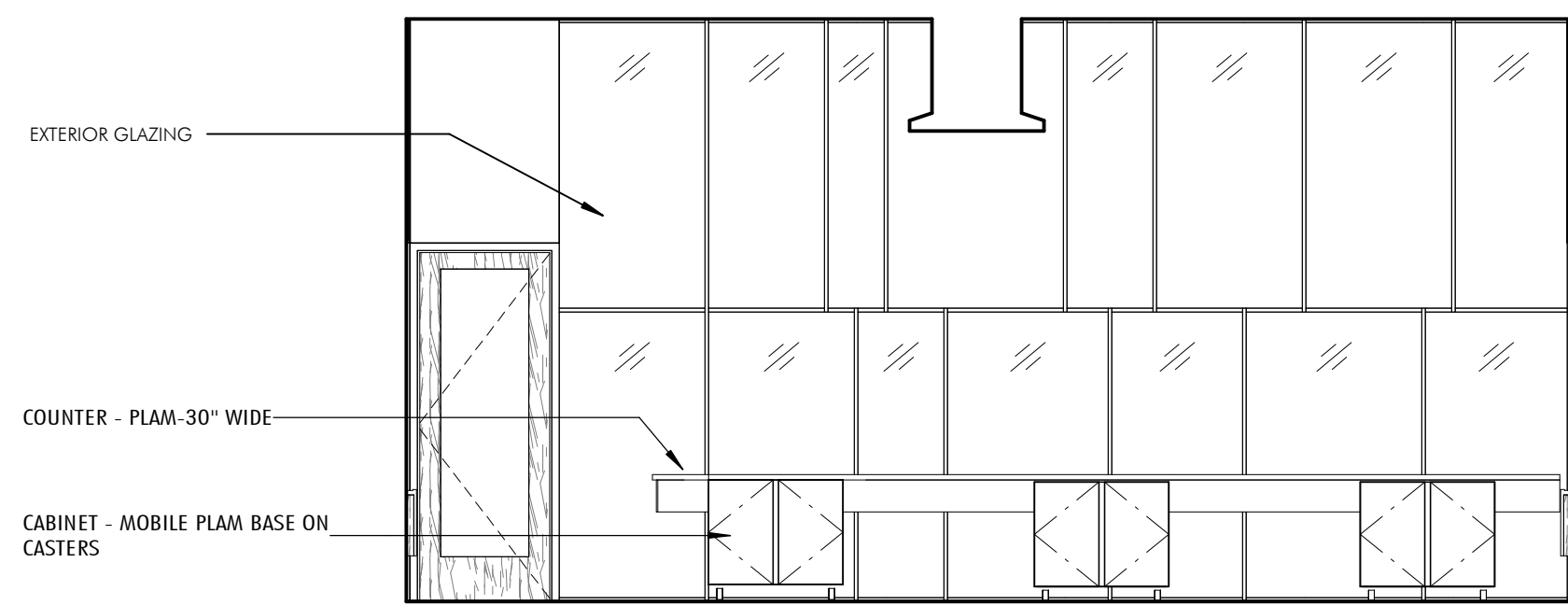


2 TYPICAL CLASSROOM INTERIOR ELEVATION - EAST  
1/4" = 1'-0"

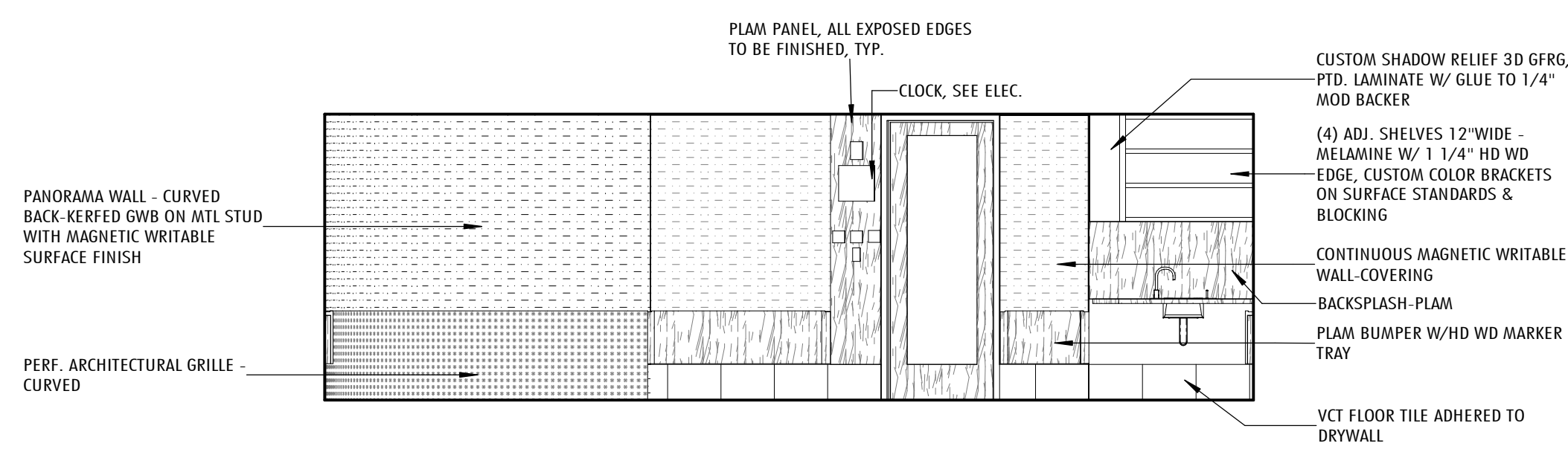


1 TYPICAL CLASSROOM - ENLARGED PLAN  
1/4" = 1'-0"

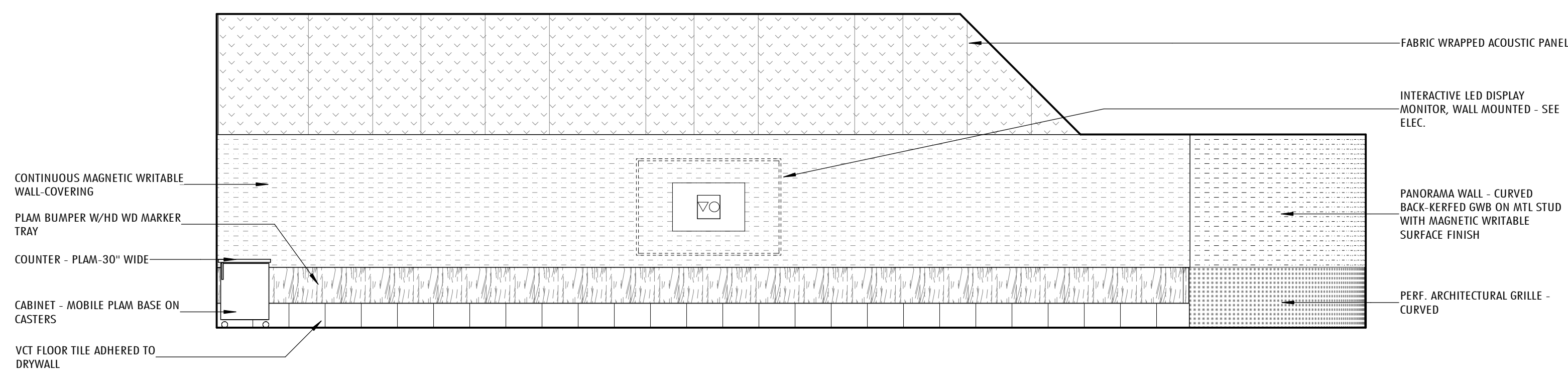
REVISIONS		
No.	Date	Description



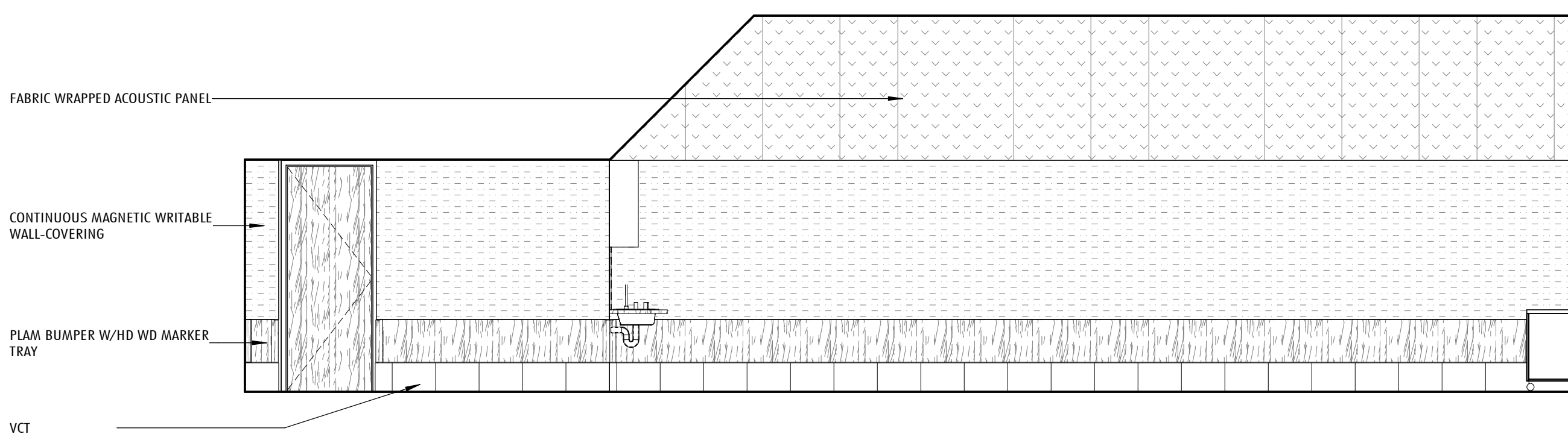
5 TYPICAL KINDERGARTEN CLASSROOM INTERIOR ELEVATION - SOUTH  
1/4" = 1'-0"



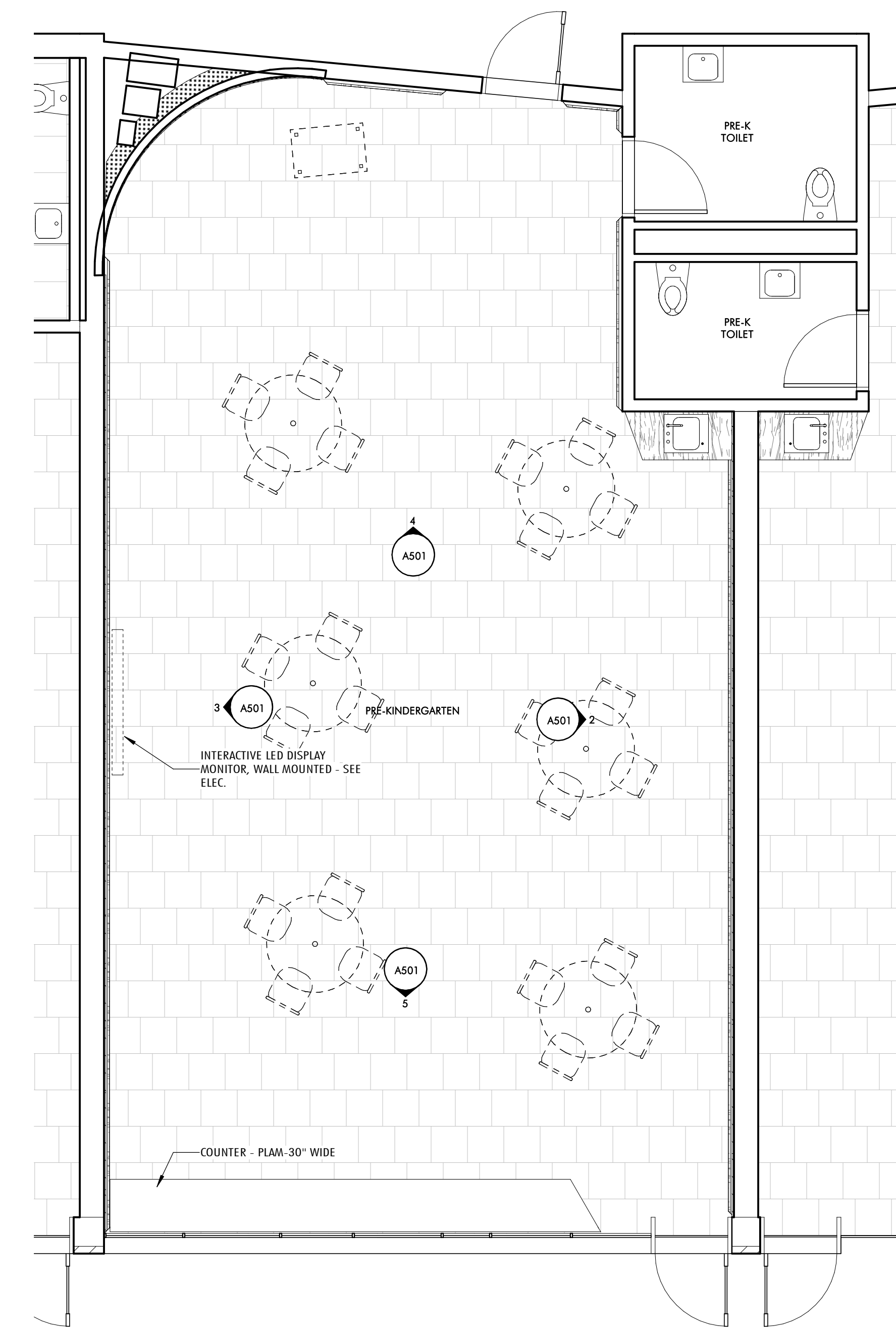
4 TYPICAL KINDERGARTEN CLASSROOM INTERIOR ELEVATION - NORTH  
1/4" = 1'-0"



3 TYPICAL KINDERGARTEN CLASSROOM INTERIOR ELEVATION - WEST  
1/4" = 1'-0"

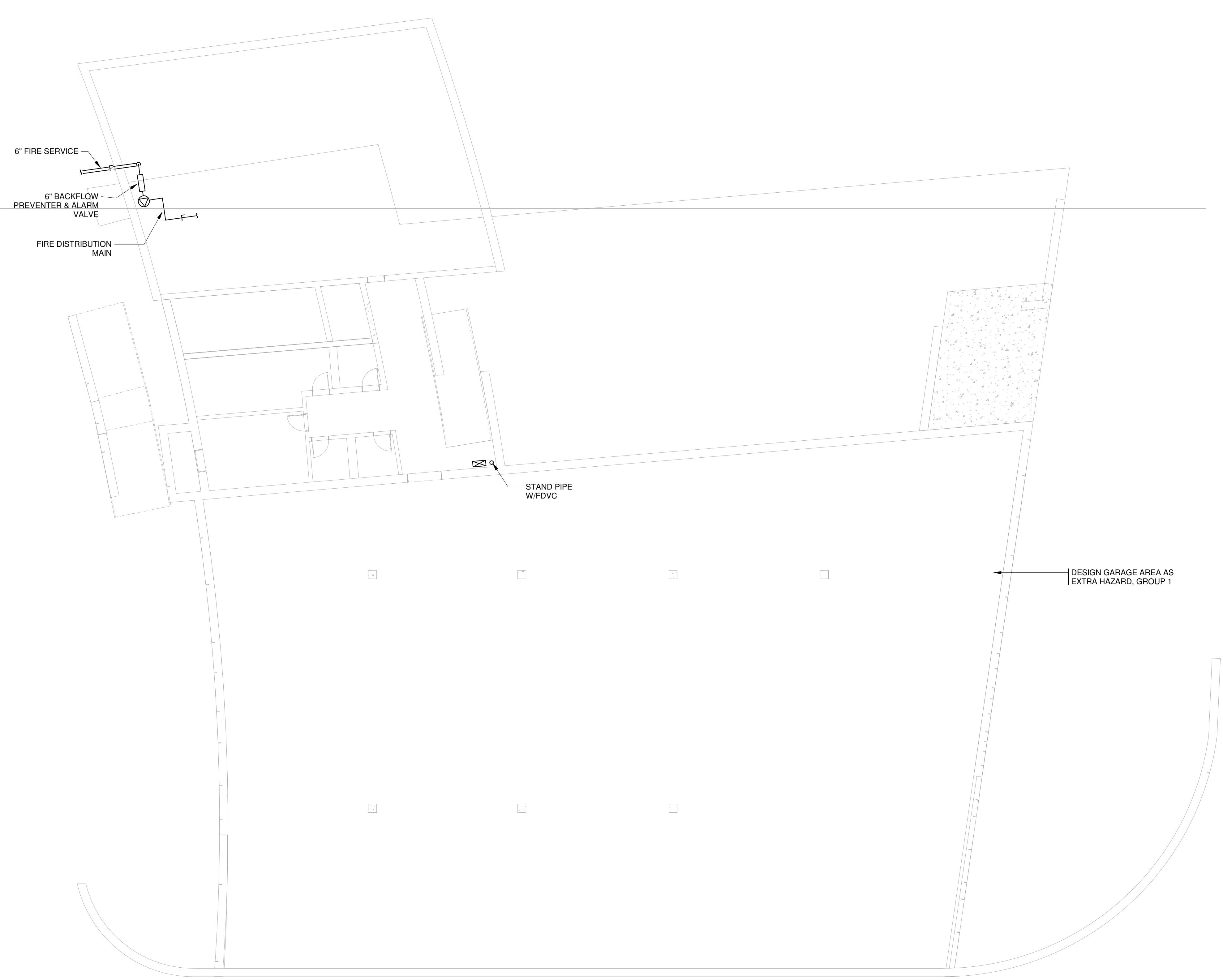
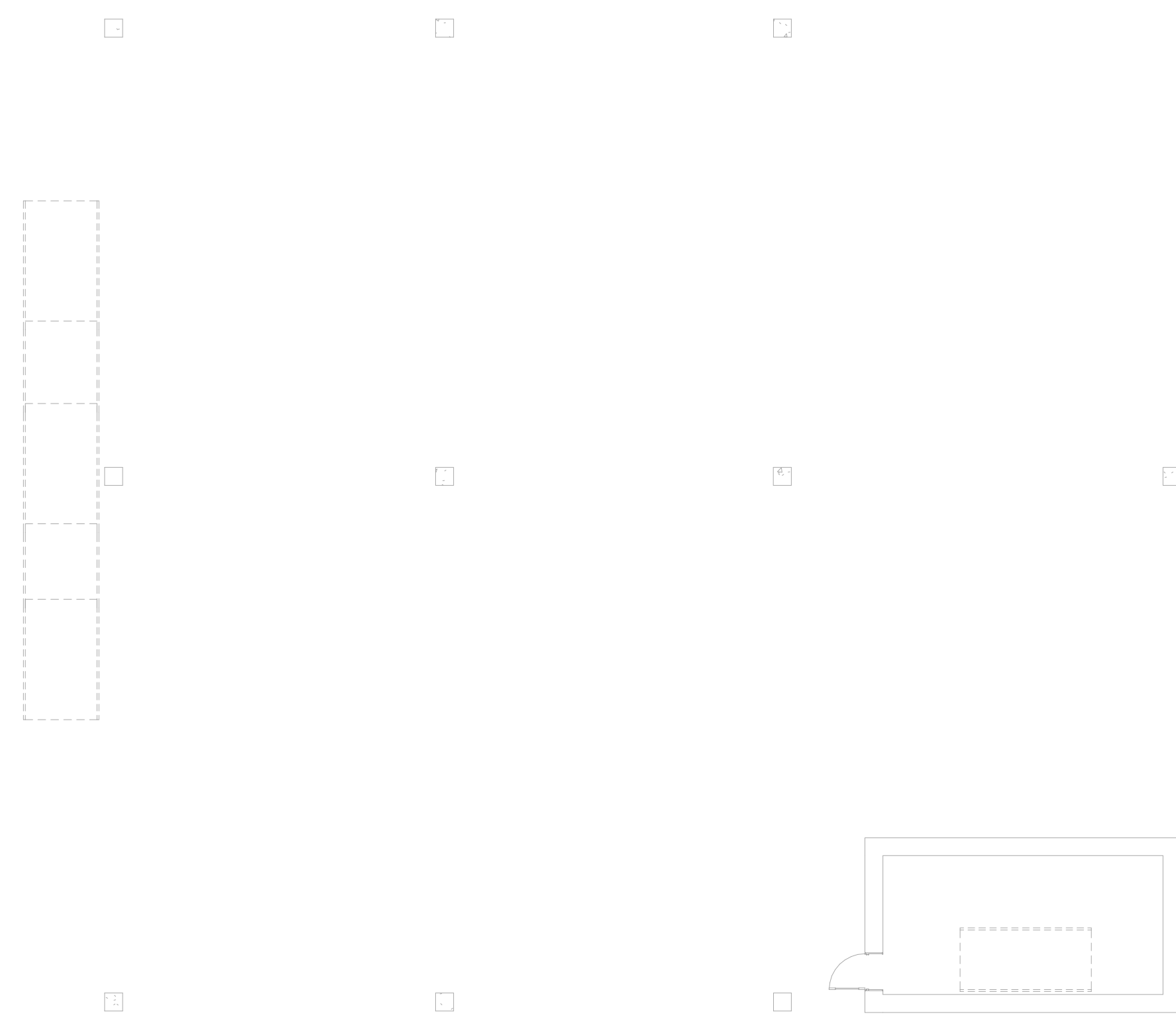


2 TYPICAL KINDERGARTEN CLASSROOM INTERIOR ELEVATION - EAST  
1/4" = 1'-0"



1 TYPICAL KINDERGARTEN CLASSROOM - ENLARGED PLAN  
1/4" = 1'-0"

REVISIONS		
No.	Date	Description



1 GARAGE - RCP  
 FP100 3/32" = 1'-0"

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 boston ma 02116  
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**BALDWIN SCHOOL**  
 Brookline, MA

PROJECT STATUS  
 SD-PRICING  
 04/19/19

REVISIONS

No.	Date	Description

DRAWING NAME  
 GARAGE LEVEL  
 RCP - FIRE  
 PROTECTION

PROJECT NO. Project Number  
 DRAWING NO.

**FP100**



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PROJECT STATUS  
 SD-PRICING  
 04/19/19

REVISIONS

No.	Date	Description

DRAWING NAME  
**FIRST FLOOR RCP - FIRE PROTECTION**

PROJECT NO. Project Number  
 DRAWING NO.

**FP101**

**1** FIRST FLOOR - RCP  
 FP101 / 3/32" = 1'-0"





1 SECOND FLOOR - RCP  
 FP102 3/32" = 1'-0"



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 SD-PRICING  
 04/19/19

REVISIONS

No.	Date	Description

DRAWING NAME  
 SECOND FLOOR  
 RCP - FIRE  
 PROTECTION

PROJECT NO. Project Number  
 DRAWING NO.

FP102





1 THIRD FLOOR - RCP  
 FP103 3/32" = 1'-0"

DESIGN SCIENCE AS  
 ORDINARY HAZARD,  
 GROUP 1



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PROJECT STATUS  
 SD-PRICING  
 04/19/19

REVISIONS

No.	Date	Description

DRAWING NAME  
 THIRD FLOOR RCP -  
 FIRE PROTECTION

PROJECT NO. Project Number  
 DRAWING NO.

FP103



1 FOURTH FLOOR - RCP  
 FP104 3/32" = 1'-0"



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 04/19/19

REVISIONS

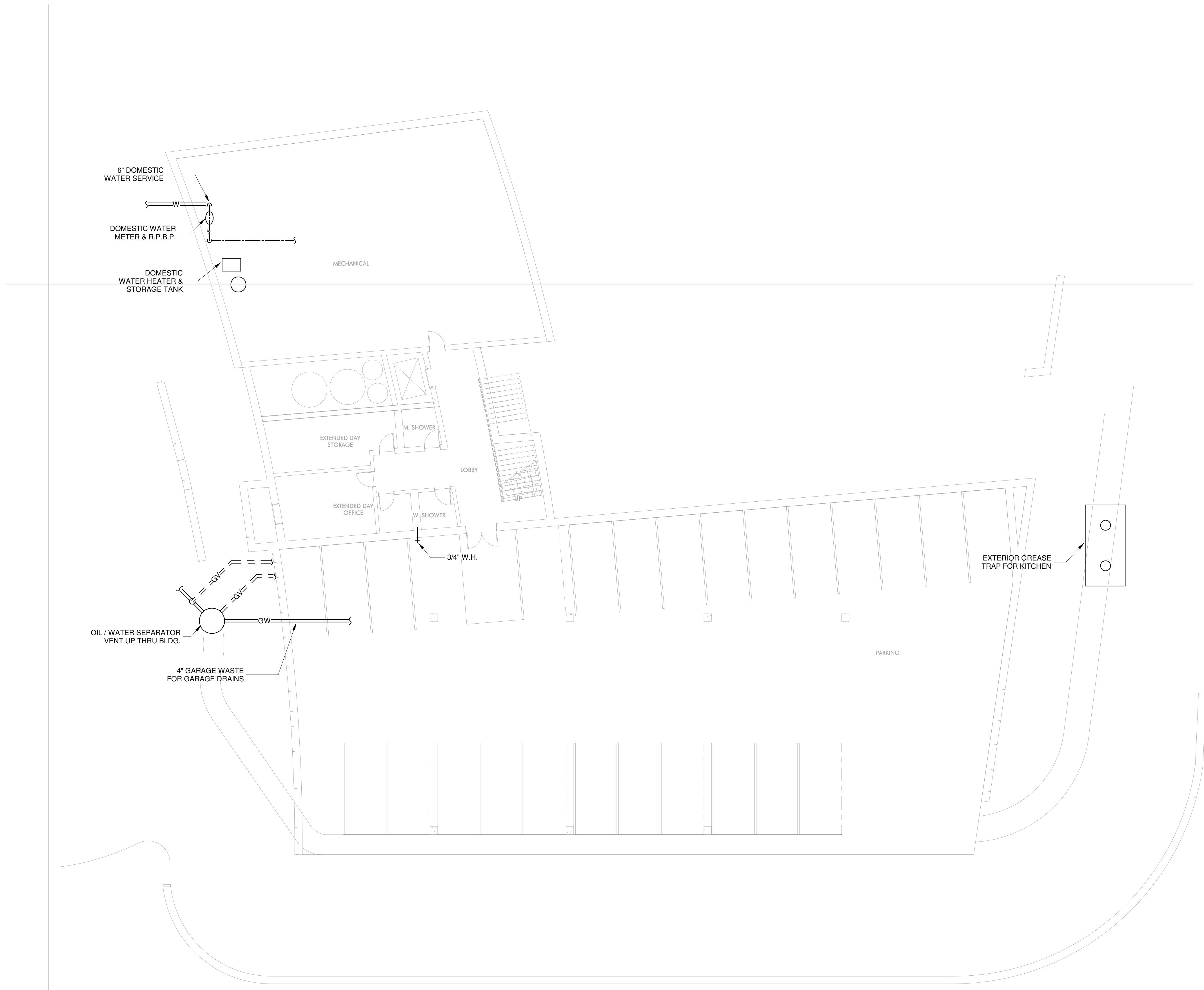
No.	Date	Description

DRAWING NAME  
 FOURTH FLOOR  
 RCP - FIRE  
 PROTECTION

PROJECT NO. Project Number

DRAWING NO.

FP104



1 GARAGE - PLUMBING  
 P100 3/32" = 1'-0"



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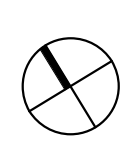
REVISIONS

No.	Date	Description

DRAWING NAME  
 GARAGE LEVEL  
 PLAN - PLUMBING

PROJECT NO. Project Number

DRAWING NO.  
**P100**





1 FIRST FLOOR BELOW SLAB - PLUMBING  
 P101 / 3/32" = 1'-0"



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 04/19/19

REVISIONS

No.	Date	Description

DRAWING NAME  
**FIRST FLOOR PLAN  
 BELOW SLAB -  
 PLUMBING**

PROJECT NO.      Project Number  
 DRAWING NO.



1 FIRST FLOOR - PLUMBING  
 P102 3/32" = 1'-0"



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 04/19/19

REVISIONS

No.	Date	Description

DRAWING NAME  
**FIRST FLOOR PLAN - PLUMBING**

PROJECT NO. Project Number  
 DRAWING NO.

**P102**



1 SECOND FLOOR - PLUMBING  
 P103 3/32" = 1'-0"

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 04/19/19

REVISIONS

No.	Date	Description

DRAWING NAME  
 SECOND FLOOR  
 PLAN - PLUMBING

PROJECT NO. Project Number  
 DRAWING NO.

**P103**



1 THIRD FLOOR - PLUMBING  
 P104 3/32" = 1'-0"



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REVISIONS

No.	Date	Description

DRAWING NAME  
 THIRD FLOOR PLAN  
 - PLUMBING

PROJECT NO. Project Number  
 DRAWING NO.

P104



1 FOURTH FLOOR - PLUMBING  
P105 3/32" = 1'-0"



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Brookline, MA

PROJECT STATUS  
SD-PRICING  
04/19/19

REVISIONS

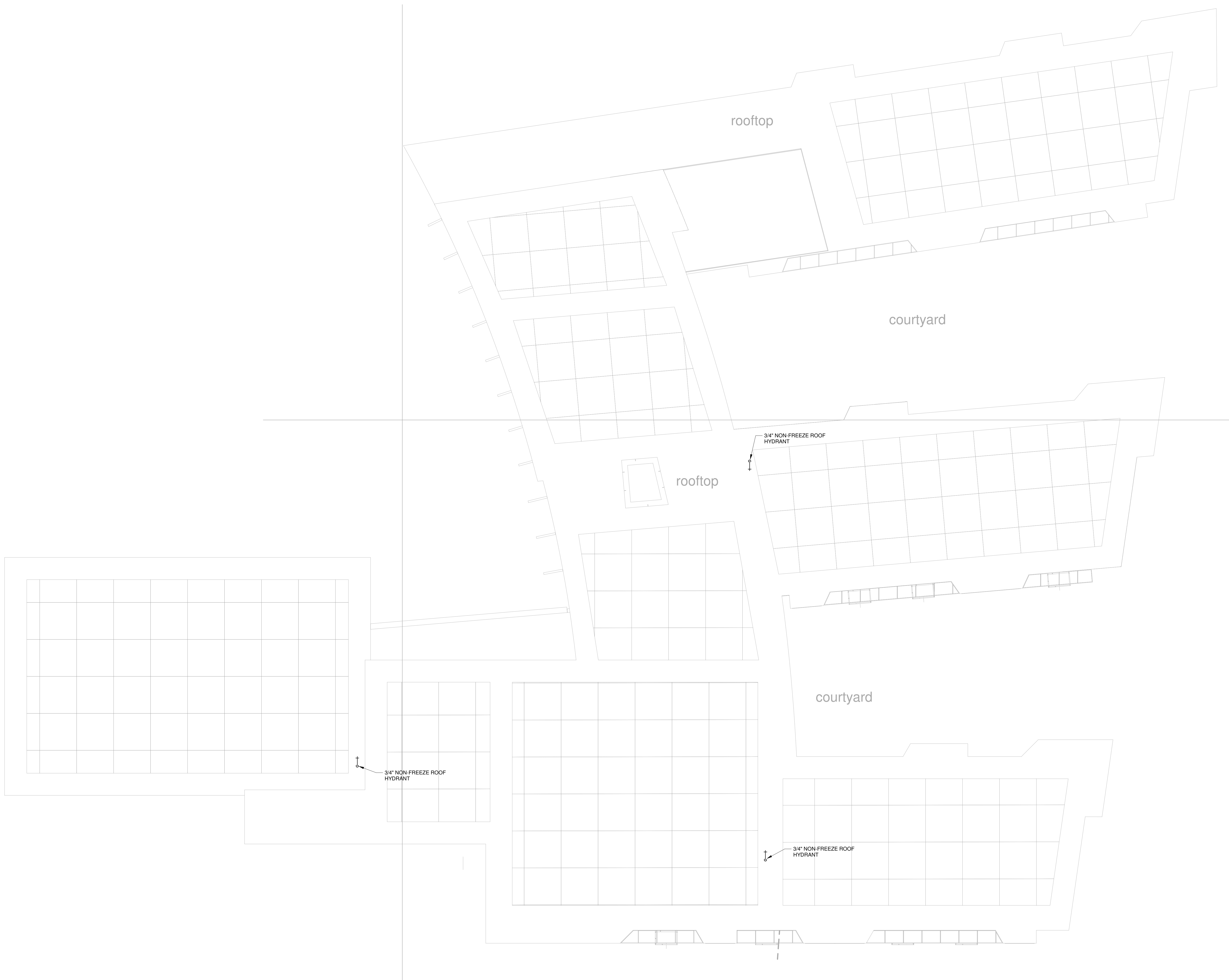
No.	Date	Description

DRAWING NAME  
FOURTH FLOOR  
PLAN - PLUMBING

PROJECT NO. Project Number  
DRAWING NO.

P105





1 ROOF - PLUMBING  
P106 3/32" = 1'-0"



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Brookline, MA

PROJECT STATUS  
SD-PRICING  
04/19/19

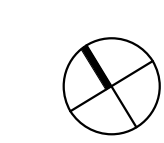
REVISIONS

No.	Date	Description

DRAWING NAME  
ROOF PLAN - PLUMBING

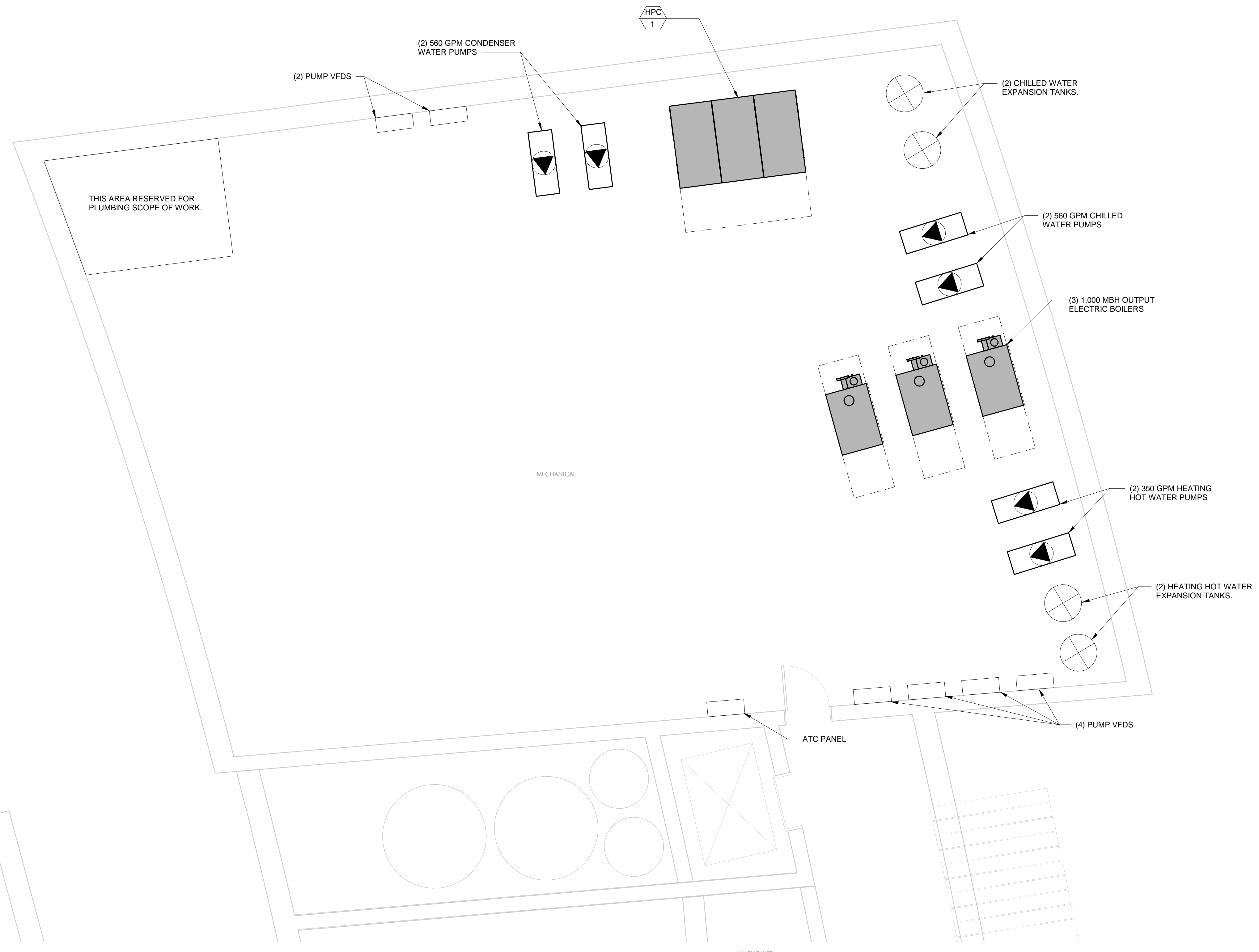
PROJECT NO. Project Number  
DRAWING NO.

P106





① HVAC BASE FLOOR PLAN  
3/32" = 1'-0"



② HVAC ENLARGED MECHANICAL ROOM PLAN  
1/4" = 1'-0"

AHU-3: THIS AREA TO BE PROVIDED WITH FULL A/C VARIABLE AIR VOLUME DISPLACEMENT VENTILATION FROM AHU-3. SPACE SHALL BE PROVIDED WITH WALL-MOUNTED DISPLACEMENT DIFFUSERS, VAV BOX WITH CO2 SENSOR & PERIMETER RADIANT HEATING.

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Brookline, MA

PROJECT STATUS  
SD-PRICING  
04/19/19

REVISIONS

No.	Date	Description

DRAWING NAME  
HVAC - BASE FLOOR PLAN

PROJECT NO. Project Number  
DRAWING NO.

**M100**



AHU-3: THIS AREA TO BE PROVIDED WITH FULL A/C VARIABLE AIR VOLUME DISPLACEMENT VENTILATION FROM AHU-3. SPACE SHALL BE PROVIDED WITH WALL-MOUNTED DISPLACEMENT DIFFUSERS, VAV BOX WITH CO2 SENSOR & PERIMETER RADIANT HEATING.

AHU-2: THIS AREA TO BE PROVIDED WITH HEATING & VENTILATION AIR FROM AHU-2. EACH SPACE SHALL BE PROVIDED WITH PERIMETER RADIANT HEATING. KITCHEN SHALL BE PROVIDED WITH A KITCHEN EXHAUST AIR SYSTEM AND MAKE-UP AIR FROM AHU-2.

AHU-1: THIS AREA TO BE PROVIDED WITH FULL A/C VARIABLE AIR VOLUME DISPLACEMENT VENTILATION FROM AHU-1. SPACE SHALL BE PROVIDED WITH WALL-MOUNTED DISPLACEMENT DIFFUSERS & PERIMETER RADIANT HEATING.



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PROJECT STATUS  
 SD-PRICING  
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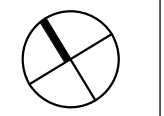
REVISIONS

No.	Date	Description

DRAWING NAME  
**HVAC - FIRST FLOOR PLAN**

PROJECT NO. Project Number

DRAWING NO.  
**M101**





AHU-1: THIS AREA TO BE PROVIDED WITH FULL A/C VARIABLE AIR VOLUME DISPLACEMENT VENTILATION FROM AHU-1. SPACE SHALL BE PROVIDED WITH WALL-MOUNTED DISPLACEMENT DIFFUSERS & PERIMETER RADIANT HEATING.

AHU-3: THIS AREA TO BE PROVIDED WITH FULL A/C VARIABLE AIR VOLUME DISPLACEMENT VENTILATION FROM AHU-3. SPACE SHALL BE PROVIDED WITH WALL-MOUNTED DISPLACEMENT DIFFUSERS, VAV BOX WITH CO2 SENSOR & PERIMETER RADIANT HEATING.

AHU-4: THIS AREA TO BE PROVIDED WITH FULL A/C VARIABLE AIR VOLUME DISPLACEMENT VENTILATION FROM AHU-4. SPACE SHALL BE PROVIDED WITH WALL-MOUNTED DISPLACEMENT DIFFUSERS & PERIMETER RADIANT HEATING.

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Brookline, MA

PROJECT STATUS  
SD-PRICING  
04/19/19

REVISIONS

No.	Date	Description

DRAWING NAME  
HVAC - SECOND FLOOR PLAN

PROJECT NO. Project Number  
DRAWING NO.

**M102**



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**BALDWIN SCHOOL**  
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PROJECT STATUS  
 SD-PRICING  
 04/19/19

REVISIONS

No.	Date	Description

DRAWING NAME  
**HVAC - THIRD FLOOR PLAN**

PROJECT NO. Project Number  
 DRAWING NO.


**M103**



AHU-3: THIS AREA TO BE PROVIDED WITH FULL A/C VARIABLE AIR VOLUME DISPLACEMENT VENTILATION FROM AHU-3. SPACE SHALL BE PROVIDED WITH WALL-MOUNTED DISPLACEMENT DIFFUSERS, VAV BOX WITH CO2 SENSOR & PERIMETER RADIANT HEATING.

AHU-4: THIS AREA TO BE PROVIDED WITH FULL A/C VARIABLE AIR VOLUME DISPLACEMENT VENTILATION FROM AHU-4. SPACE SHALL BE PROVIDED WITH WALL-MOUNTED DISPLACEMENT DIFFUSERS & PERIMETER RADIANT HEATING.



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PROJECT STATUS

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 04/19/19

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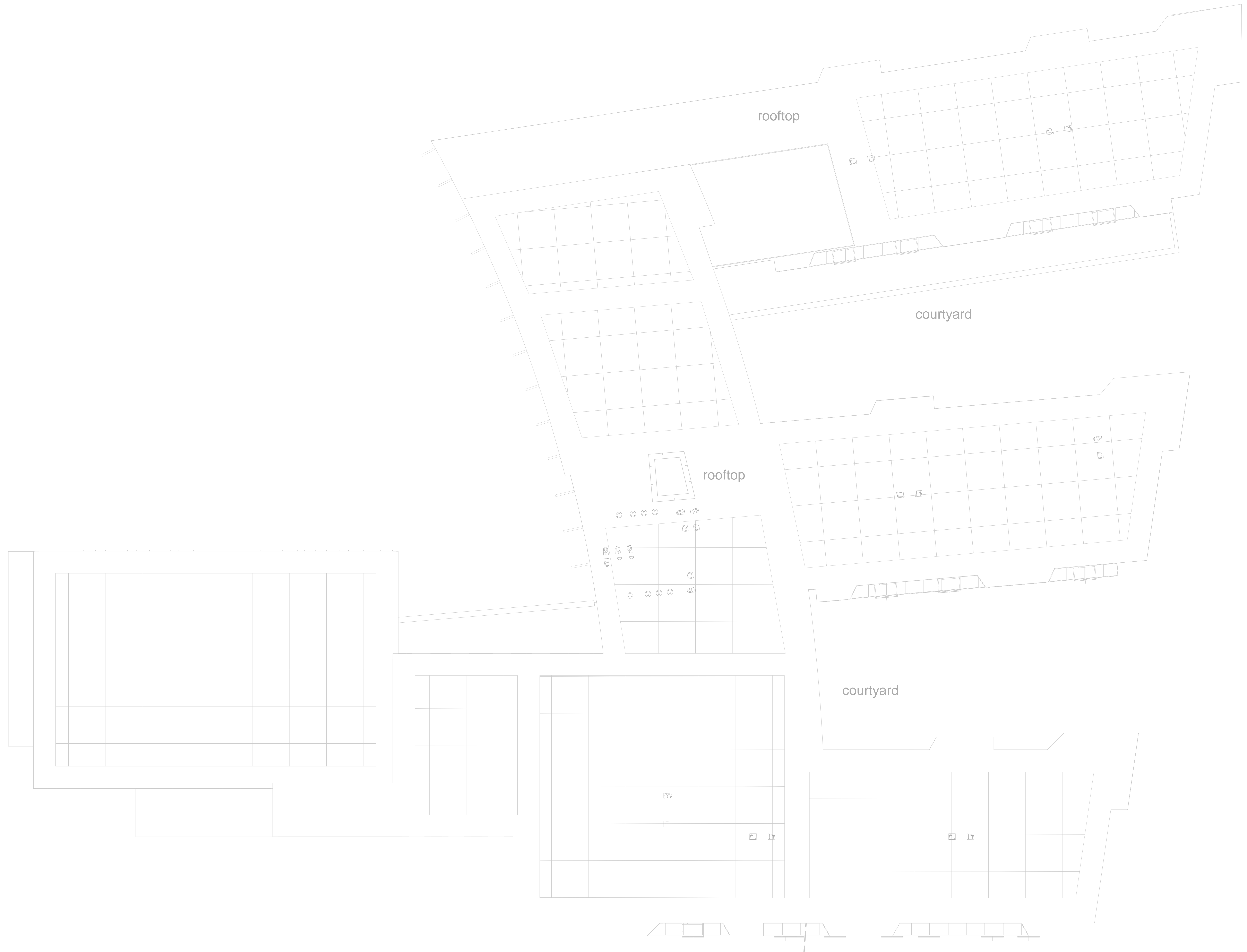
No.	Date	Description

DRAWING NAME  
 HVAC - FOURTH  
 FLOOR PLAN

PROJECT NO. Project Number

DRAWING NO.

M104



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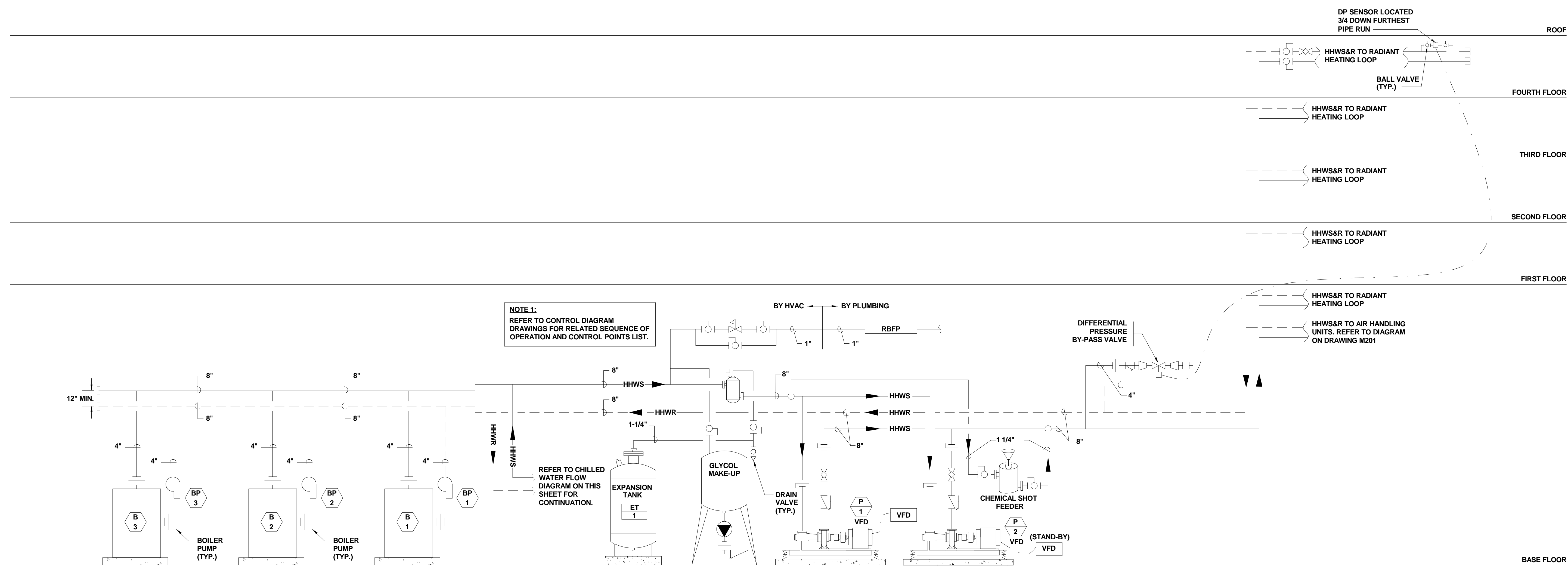
REVISIONS

No.	Date	Description

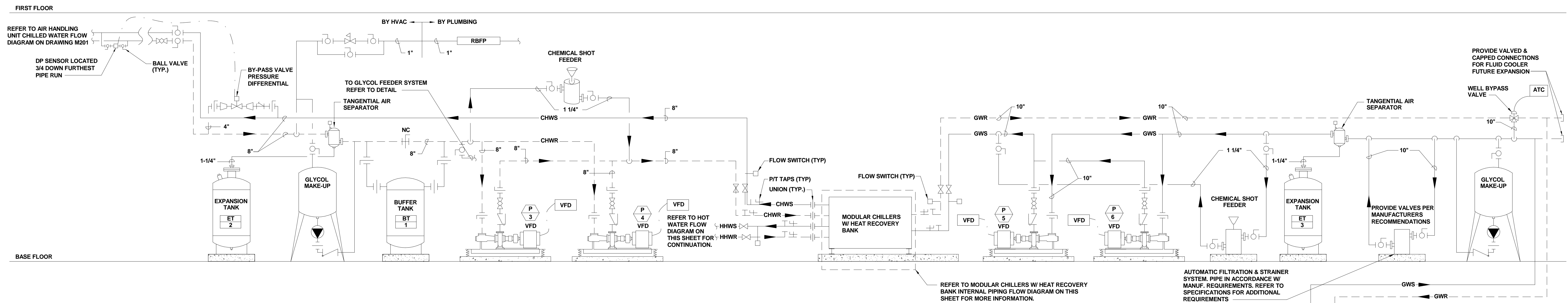
DRAWING NAME  
 HVAC - ROOF  
 PLAN

PROJECT NO. Project Number  
 DRAWING NO.

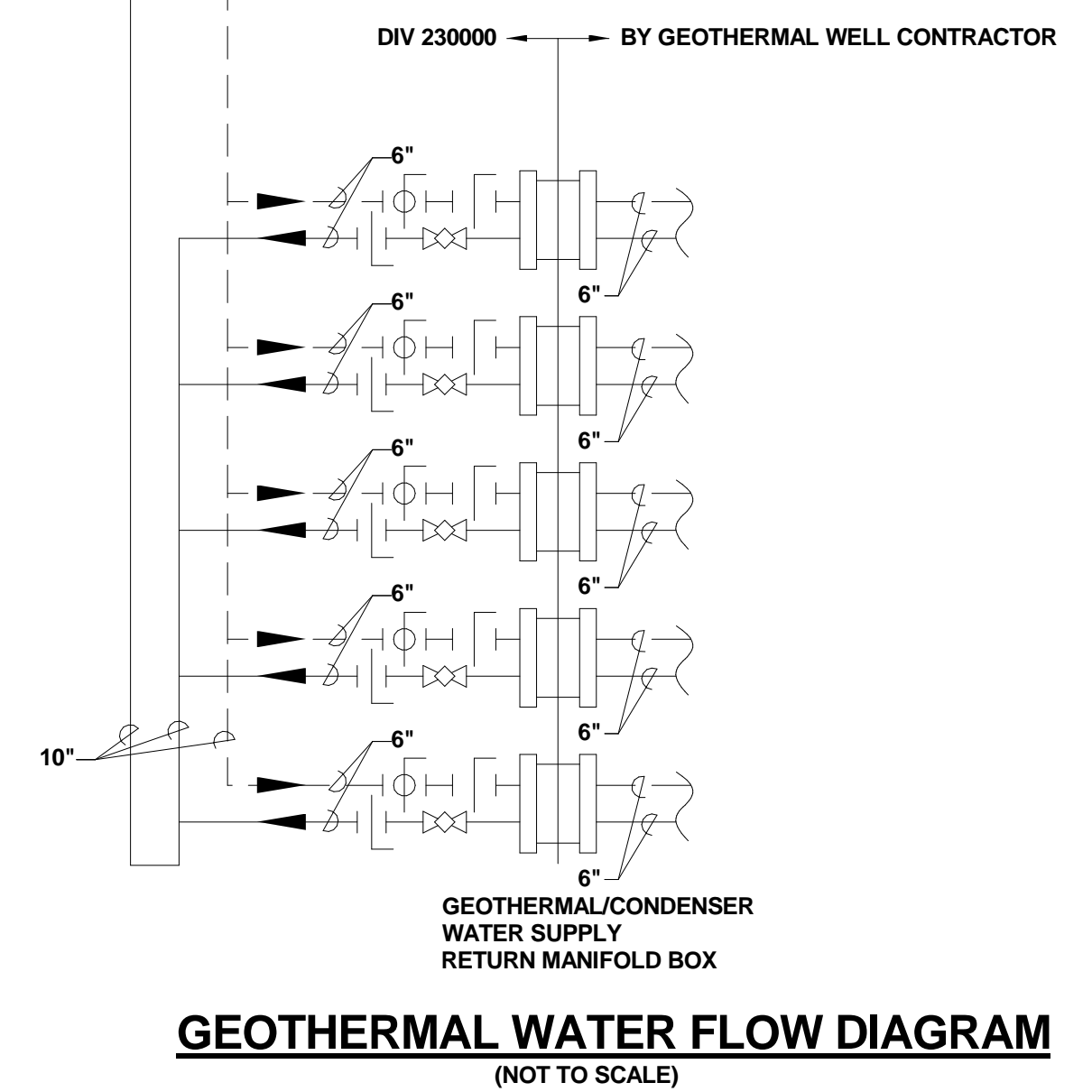
⊗ M105



**HOT WATER FLOW DIAGRAM**  
(NOT TO SCALE)



**CHILLED WATER FLOW DIAGRAM**  
(NOT TO SCALE)



**GEOTHERMAL WATER FLOW DIAGRAM**  
(NOT TO SCALE)



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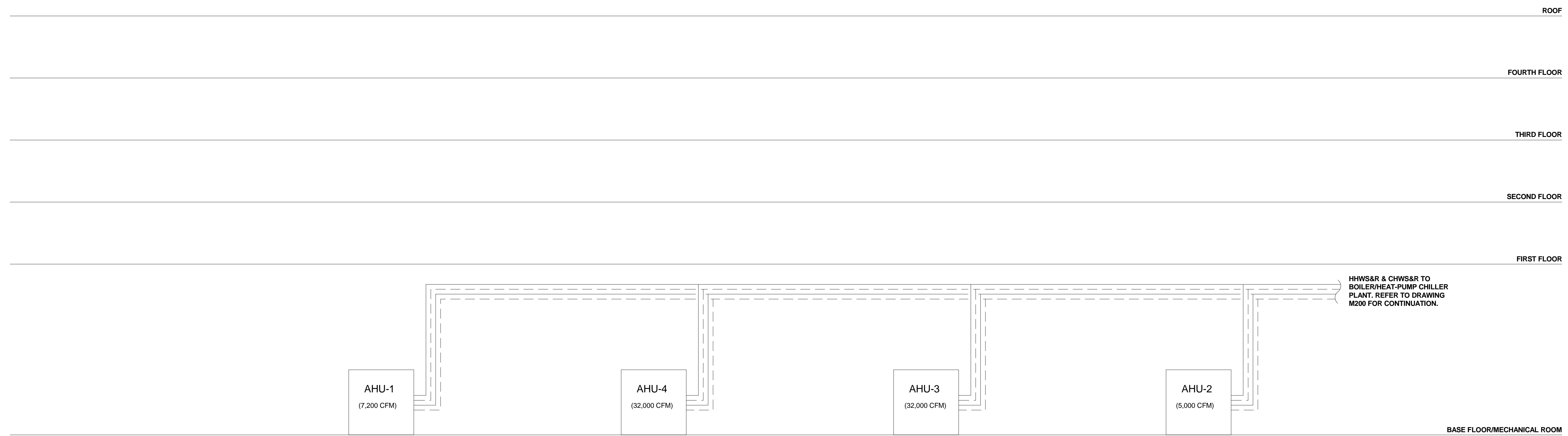
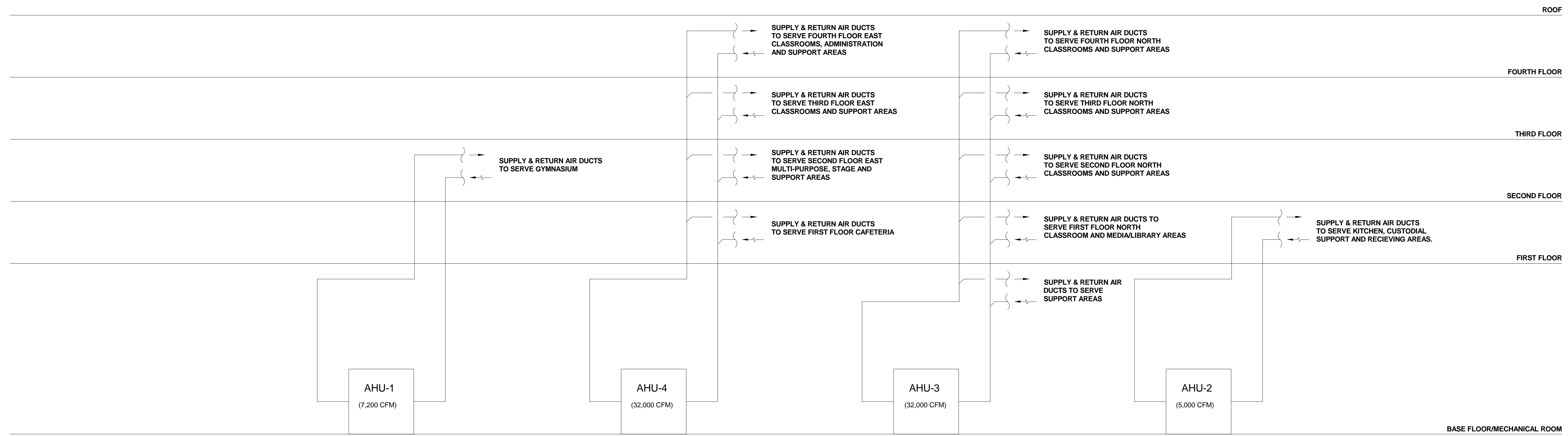
REVISIONS		
No.	Date	Description

DRAWING NAME  
HVAC - HYDRONIC  
FLOW DIAGRAM

PROJECT NO. Project Number  
DRAWING NO.

**M200**





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04/19/19

REVISIONS

No.	Date	Description

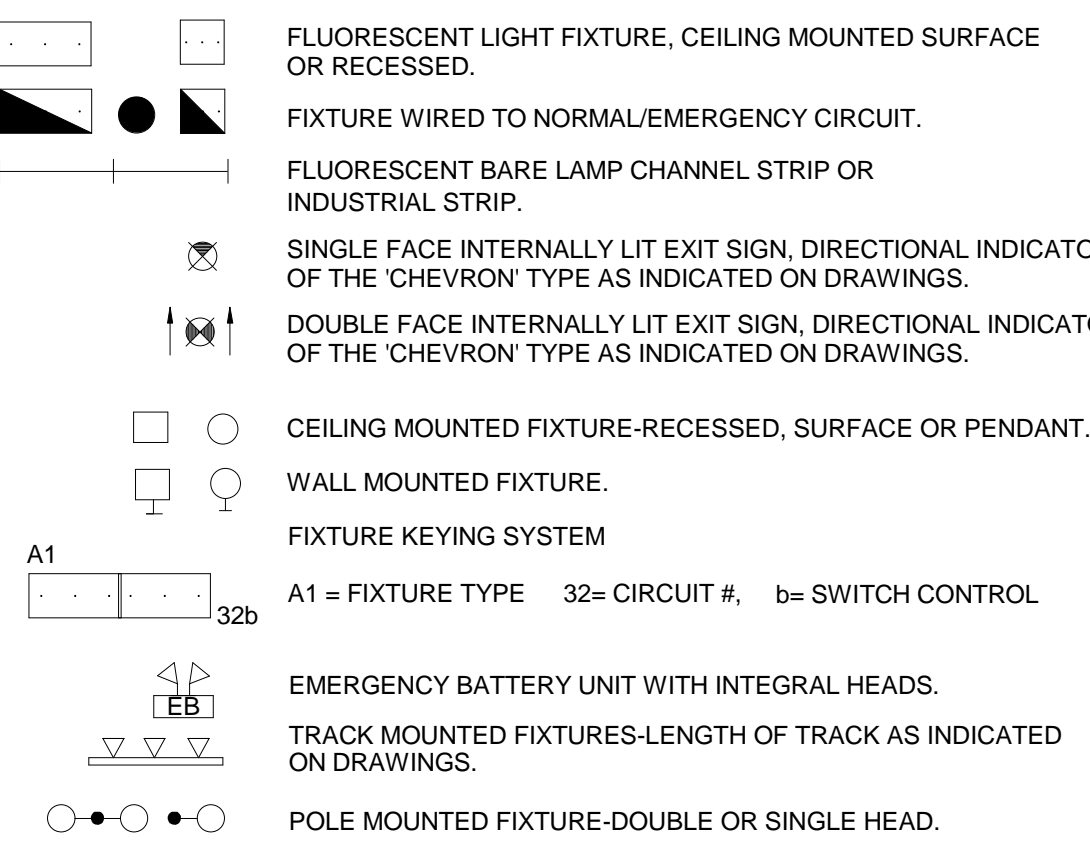
DRAWING NAME  
HVAC - AHU  
AIRFLOW AND  
HYDRONIC FLOW  
DIAGRAMS

PROJECT NO. Project Number  
DRAWING NO.

**M201**

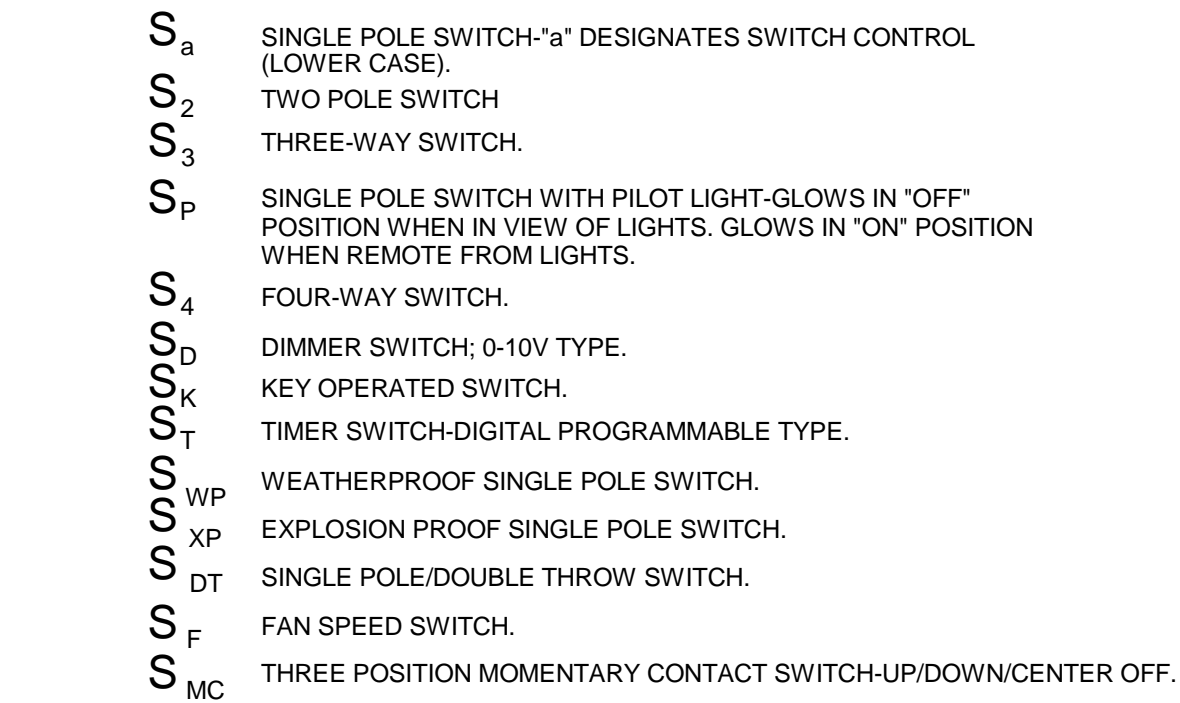
LIGHTING FIXTURES

(see lighting fixture schedule)

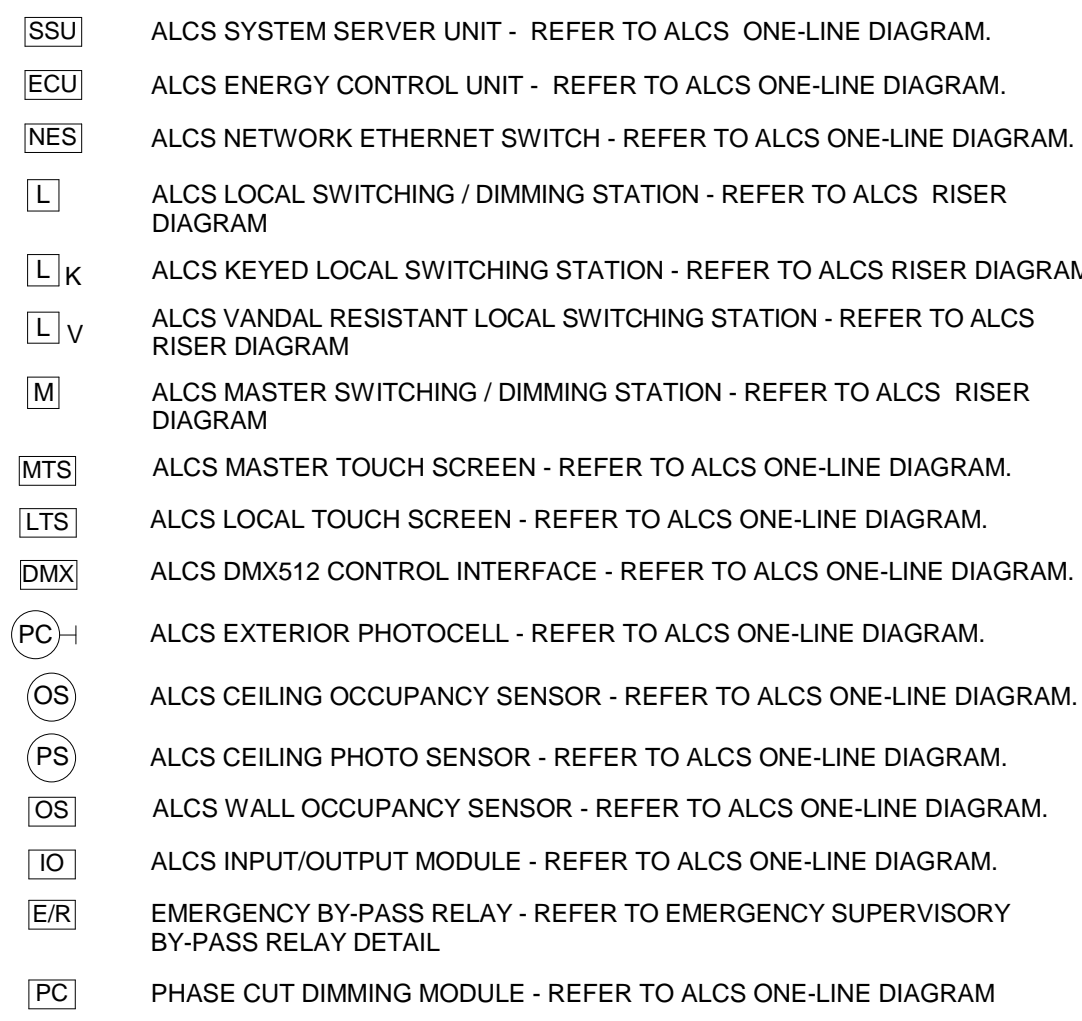


SWITCHES

(typically mtd 48" AFF Q u.n.o)



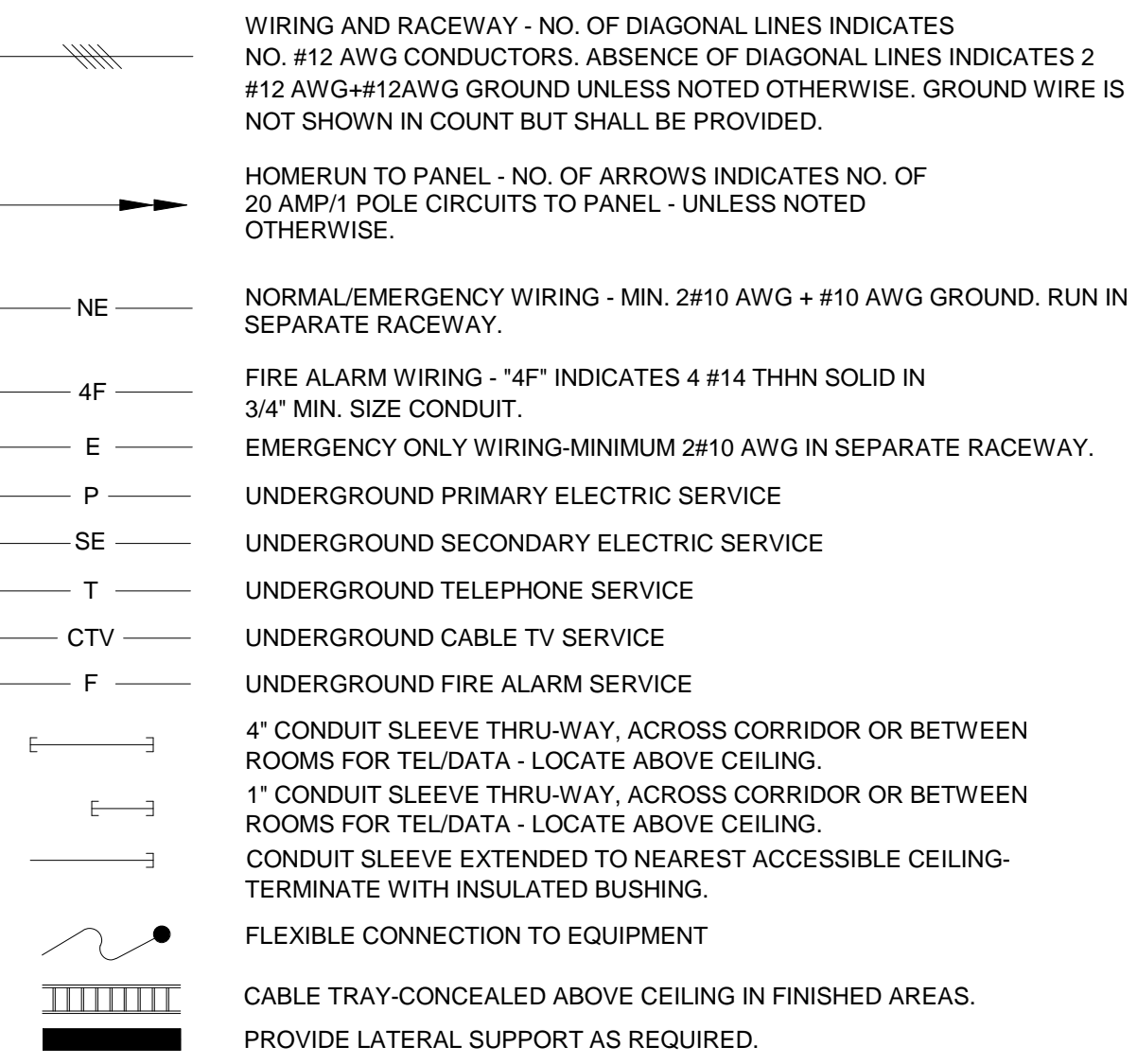
LIGHTING CONTROLS



SECURITY SYSTEM

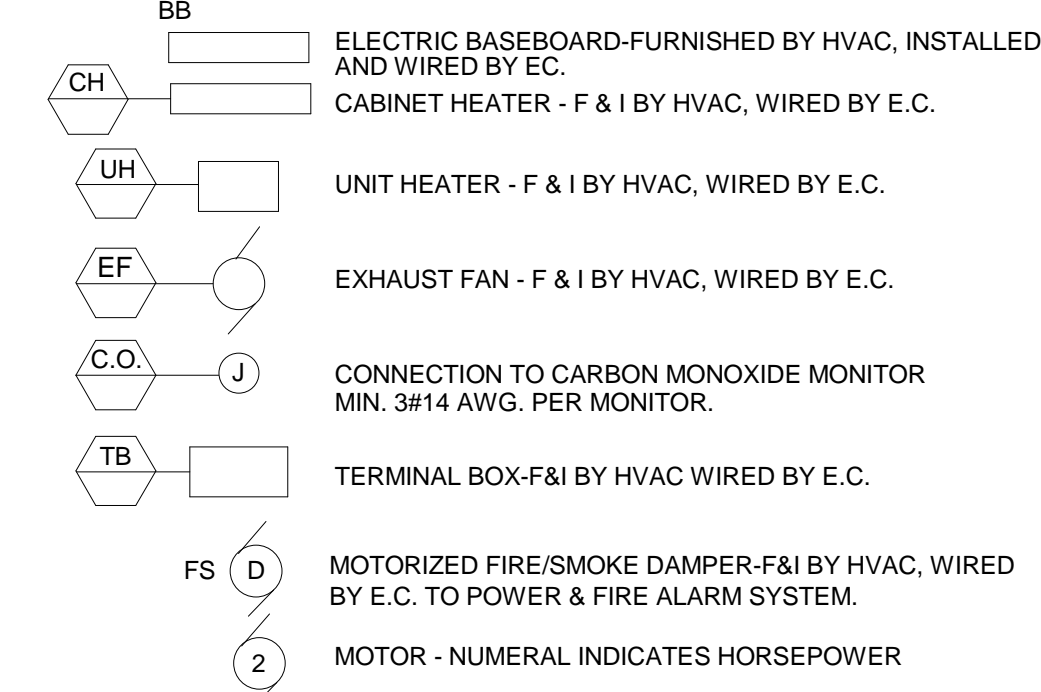
REFER TO DWG. E500 FOR SECURITY SYMBOL LIST

WIRE AND RACEWAYS

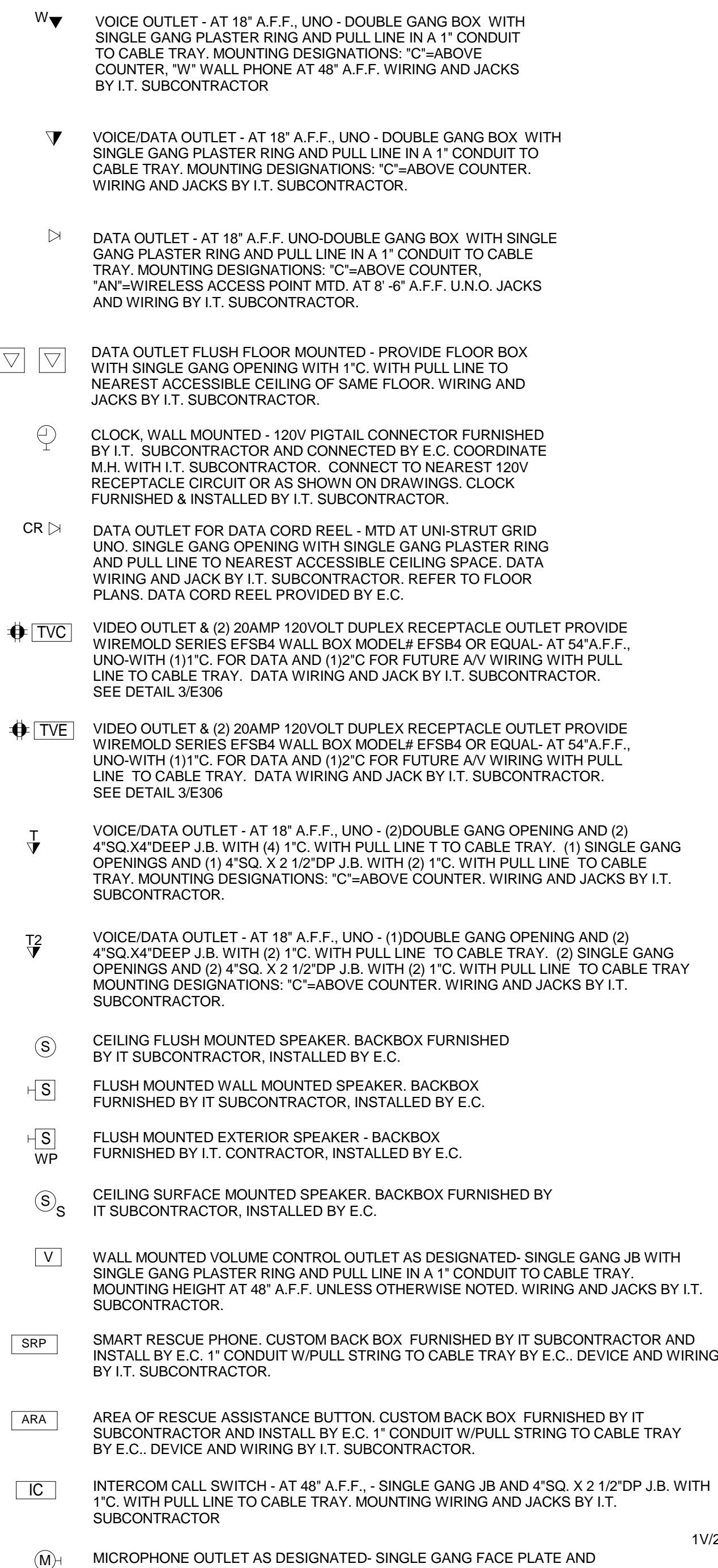


MECHANICAL EQUIPMENT

(REFER TO MECHANICAL EQUIPMENT SCHEDULE)



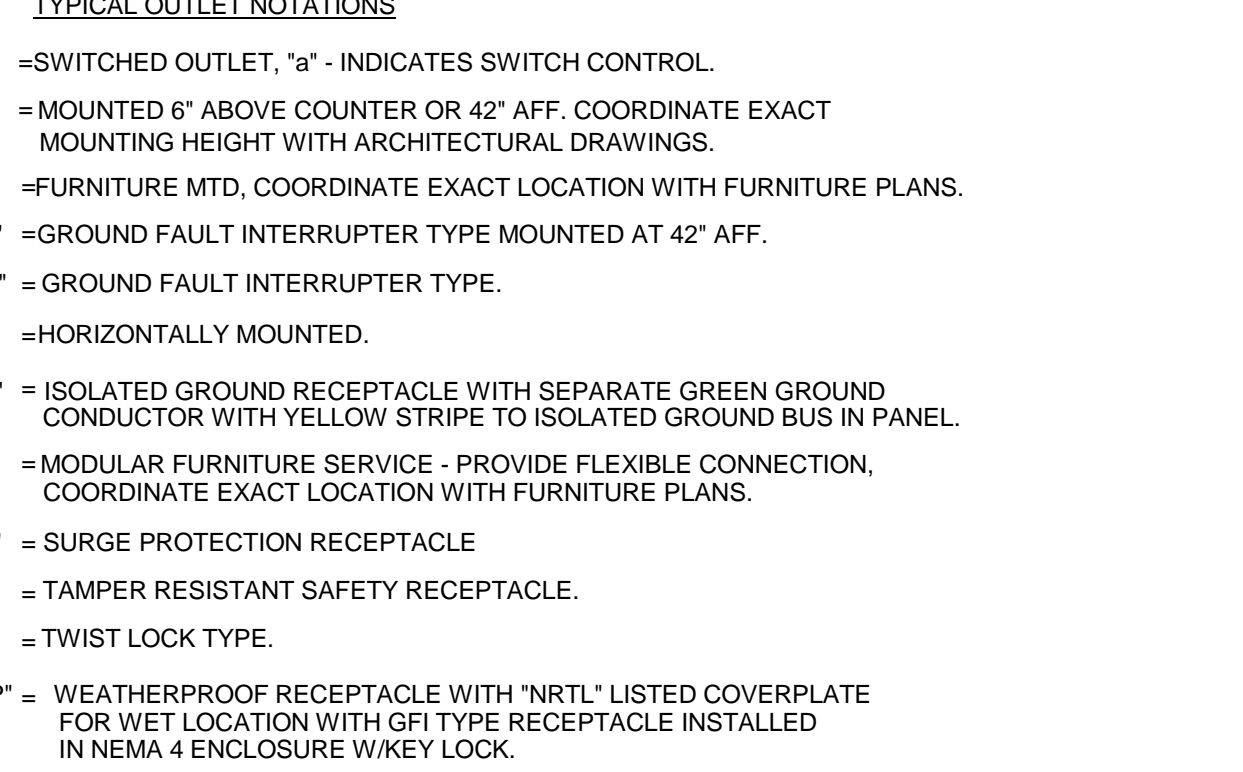
TECHNOLOGY



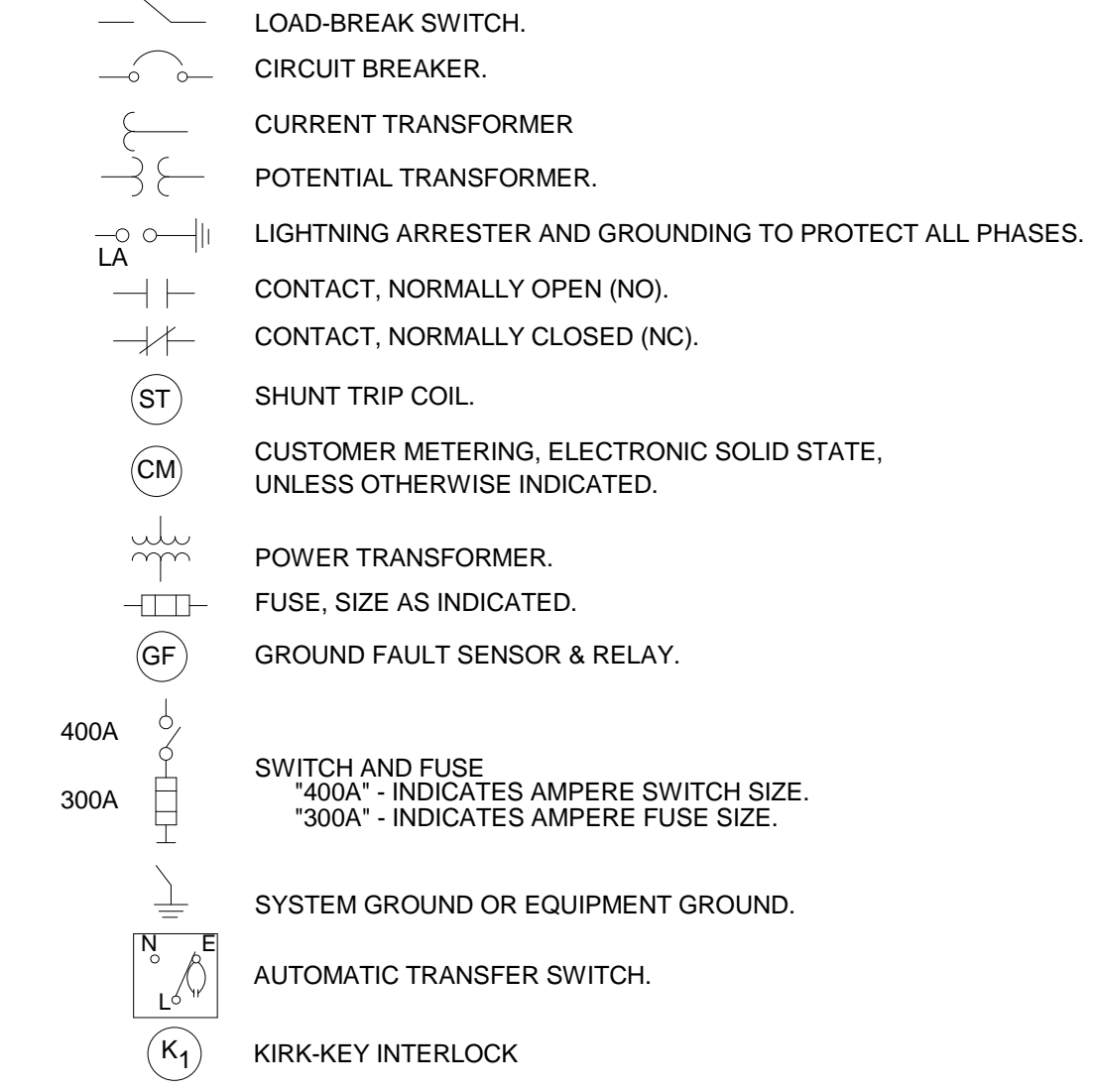
SYMBOL LIST

LEGEND NOTES: THIS SHEET IS A GENERAL LIST OF SYMBOLS AND ABBREVIATIONS AND SHALL BE USED AS A DICTIONARY TO DEFINE ITEMS INDICATED ON DRAWINGS...

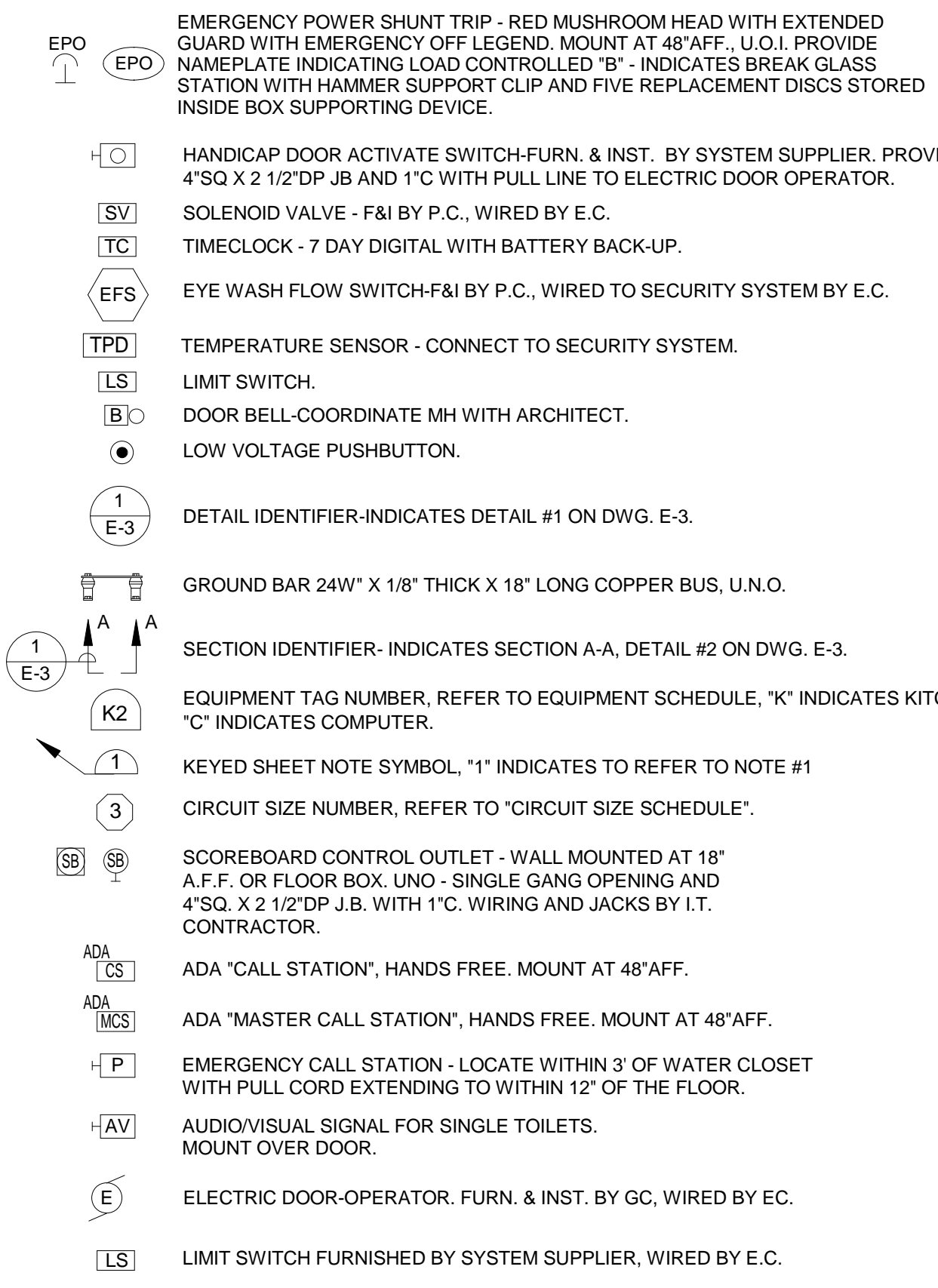
RECEPTACLES



ONE LINE POWER



MISCELLANEOUS DEVICES



FIRE ALARM SYSTEM



ABBREVIATIONS

Table listing various abbreviations and their corresponding full names, such as AMPERE, ALUMINUM, AMP. FRAME, and AUTOMATIC TRANSFER SWITCH.

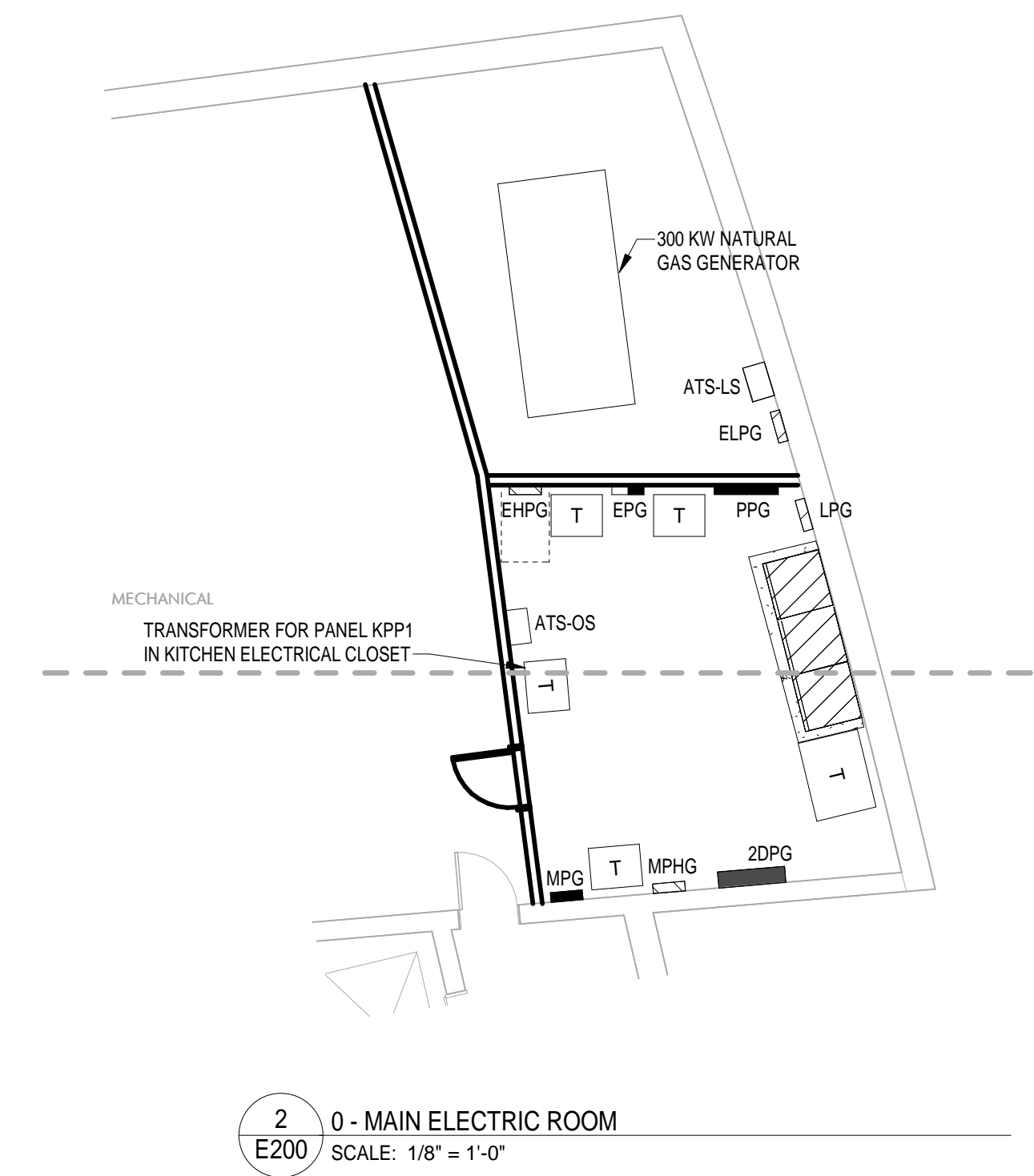
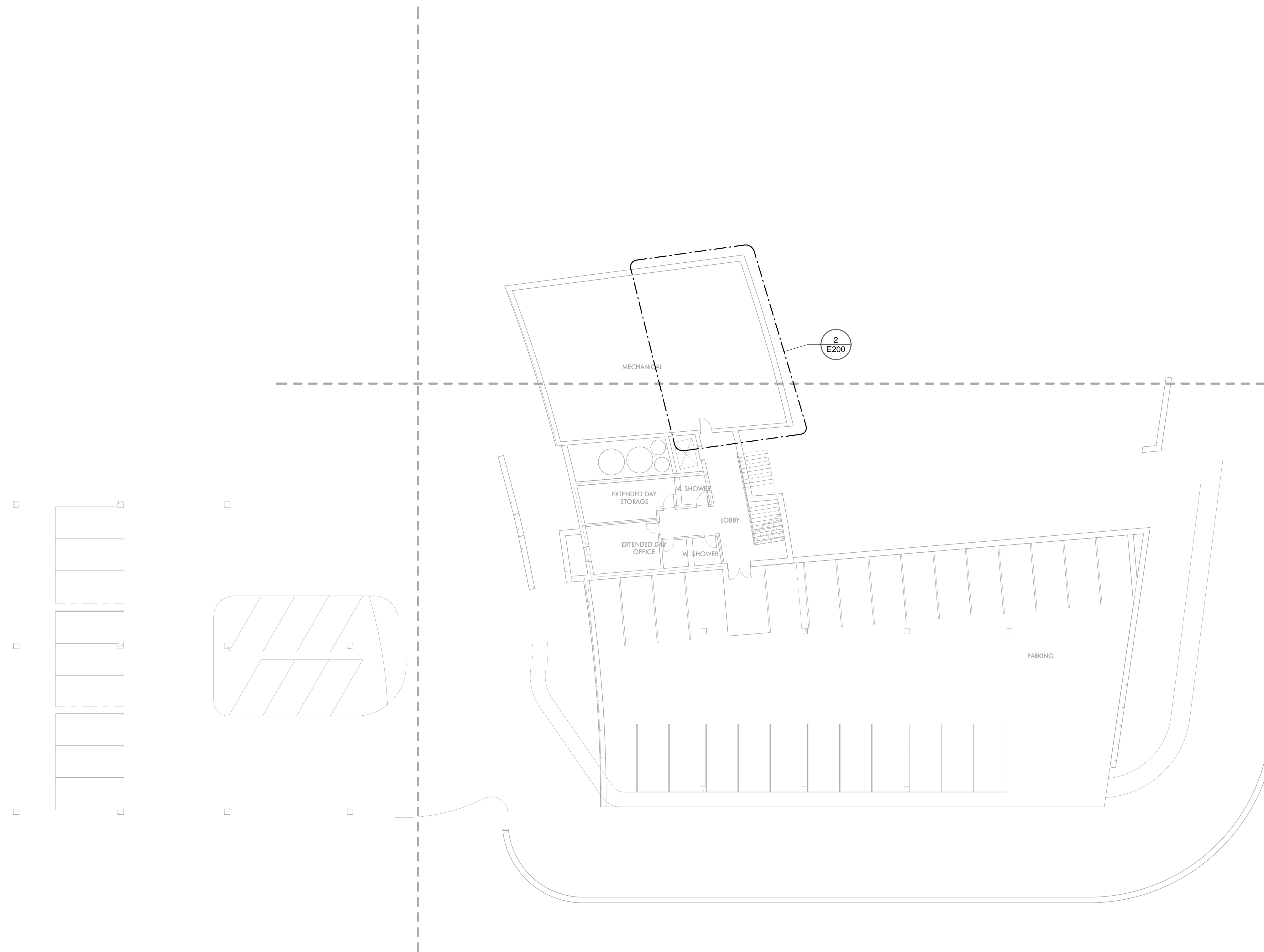
Vertical sidebar containing the logo for Jonathan Levi Architects, contact information for GARCIA GALUSKA DESOUSA CONSULTING ENGINEERS ARCHITECTS, and the project name BALDWIN SCHOOL in Brookline, MA.

Project status and revision table. Project status: SD-PRICING 04/19/19. Revisions table with columns for No., Date, and Description.

DRAWING NAME: ELECTRICAL SYMBOL LIST. PROJECT NO.: Project Number. DRAWING NO.: E001

**GENERAL POWER NOTES:**

- COORDINATE EXACT LOCATION OF ALL DEVICES AND EQUIPMENT WITH ARCHITECT PRIOR TO INSTALLATION.
- REFER TO MECHANICAL PLANS FOR ANY CHANGES AND FOR EXACT LOCATION OF ALL HVAC EQUIPMENT.
- WIRING IS SHOWN ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS.
- WIRING AND CONDUIT SHALL BE REQUIRED BETWEEN ALL OUTLETS INDICATED WITH CIRCUIT NUMBERS AND PANEL DESIGNATIONS.
- ALTHOUGH ALL BRANCH CIRCUIT WIRE AND CONDUIT IS NOT SHOWN, IT IS THE INTENT OF THESE DOCUMENTS THAT A COMPLETE BRANCH CIRCUIT WIRING SYSTEM BE INSTALLED.
- ALL BRANCH CIRCUIT CONDUCTORS SHALL BE 80% CONDUCTIVITY, COPPER, MINIMUM #12 AWG SIZE, THINWALL INSULATION, 600 VOLTS RATED UNLESS OTHERWISE NOTED.
- REFER TO FIRE PROTECTION PLANS FOR ANY CHANGES AND FOR EXACT LOCATION OF ALL FLOW SWITCH, TAMPER SWITCH, ETC.
- DO NOT PENETRATE STAIRS WITH ANY UTILITIES EXCEPT FOR UTILITIES SPECIFICALLY SERVING THAT STAIR.
- WHERE CONDUITS AND/OR BOXES CANNOT BE FLUSH MOUNTED IN BUILDING PROVIDE A SYSTEM OF SURFACE METAL RACKWAYS AND BOXES IN ACCORDANCE WITH ARTICLE 308, EQUAL TO WIREMOLD FOR ALL FINISH SPACES WHERE PUBLIC HAS ACCESS, INCLUDING CORRIDORS, CLASSROOMS, OFFICES, ETC.
- CONFIRM RATINGS & FINAL LOCATIONS OF EQUIPMENT WITH OWNER PRIOR TO ROUGHING.
- ALL OUTLETS ON EXTERIOR WALLS WITH CASEWORK SHALL BE MOUNTED 6" ABOVE CASEWORK, CONFIRM HEIGHT OF CASEWORK WITH HVAC AND ARCHITECT PRIOR TO ROUGHING.
- TYPICALLY PROVIDE GROUND FAULT INTERRUPTER TYPE RECEPTACLES WITHIN 6 FEET OF WATER SOURCES.
- PROVIDE ALL EMPTY CONDUITS WITH PULL-STRINGS.
- TYPICALLY PROVIDE (2) 1" SLEEVES OVER EACH CORRIDOR DOOR.
- ROVIDE (2) 2" THROUGH-WALL SLEEVE ABOVE CEILING OVER THE DOORS INTO EACH ROOM LEADING FROM THE CORRIDOR FOR COMMUNICATIONS/DATA WIRING.
- LOCATE ALL WALL TELEPHONE OUTLETS 12 INCHES AWAY FROM ALL OTHER OUTLETS/DEVICES.
- PROVIDE (2) 1" SLEEVES OVER EACH DOOR FOR TEL/DATA SECURITY AND SOUND SYSTEM WIRING. TEL/DATA SHALL BE DEDICATED TO (1) OF THE CONDUITS.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL BOXES AND CONDUITS REQUIRED FOR AUDIOVISUAL SYSTEMS SECTION 274100 DEVICES AS SHOWN ON AV DRAWINGS. ALL LOCATIONS OF POWER AND AV OUTLET BOXES SHALL BE COORDINATED WITH ARCHITECT PRIOR TO ROUGHING.
- E.C. SHALL PROVIDE EMERGENCY BOILER & WATER HEATER SHUT-OFF MOUNTED IN STOPPER II COVER, INTERLOCK w/ BOILER & WATER HEATER CONTROL PANELS. MOUNT @ 72" A.F.F. TYPICAL.



1 GARAGE LEVEL PLAN - ELECTRICAL  
SCALE: 1/16" = 1'-0"

2 MAIN ELECTRIC ROOM  
SCALE: 1/8" = 1'-0"



**NOT FOR CONSTRUCTION**



**BALDWIN SCHOOL**  
Brookline, MA

PROJECT STATUS  
SD-PRICING  
04/19/19

REVISIONS

No.	Date	Description

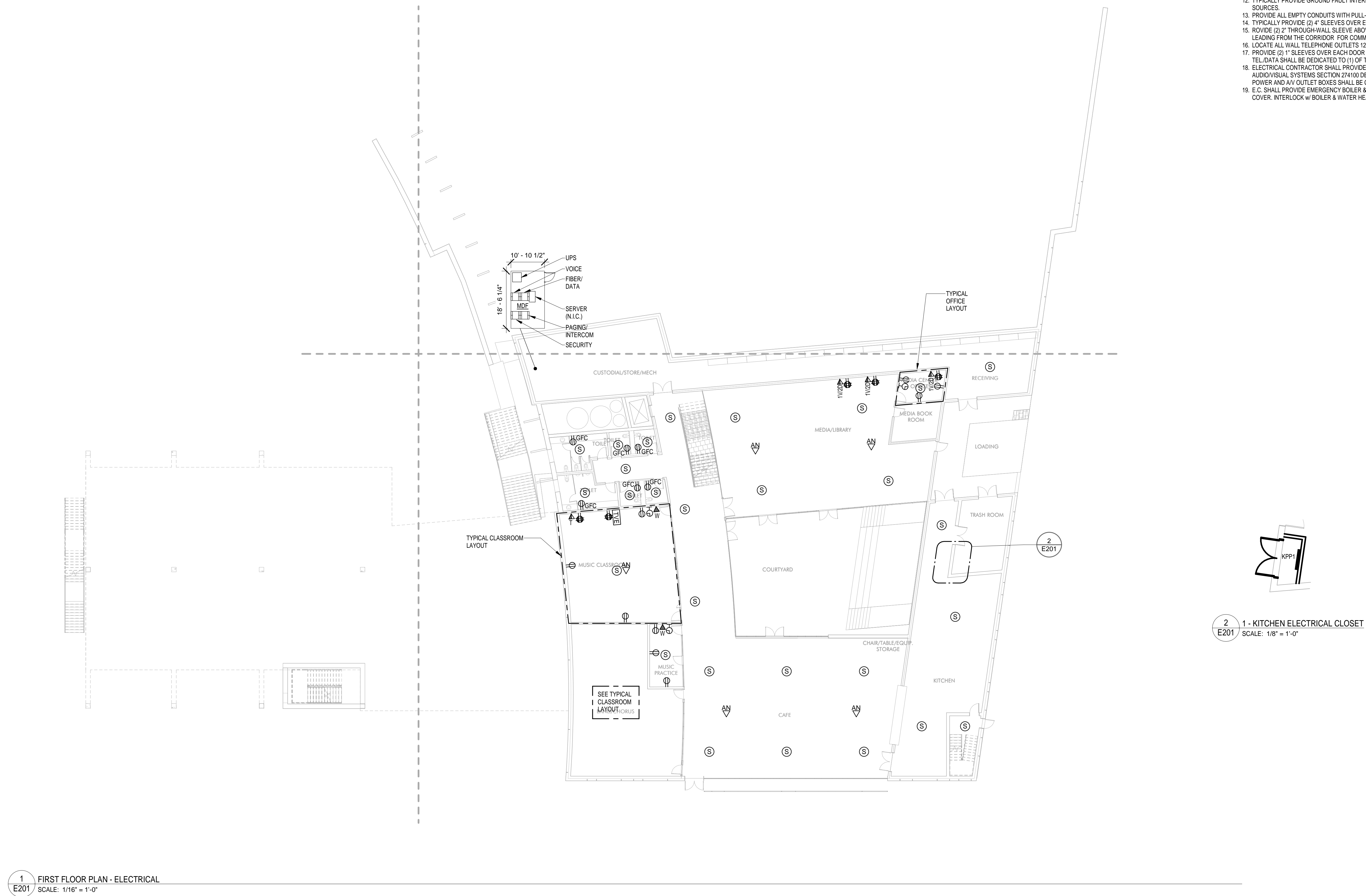
DRAWING NAME  
GARAGE LEVEL PLAN - ELECTRICAL

PROJECT NO. Project Number  
DRAWING NO.

**E200**

**GENERAL POWER NOTES:**

- COORDINATE EXACT LOCATION OF ALL DEVICES AND EQUIPMENT WITH ARCHITECT PRIOR TO INSTALLATION.
- REFER TO MECHANICAL PLANS FOR ANY CHANGES AND FOR EXACT LOCATION OF ALL HVAC EQUIPMENT.
- WIRING IS SHOWN ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS.
- WIRING AND CONDUIT SHALL BE REQUIRED BETWEEN ALL OUTLETS INDICATED WITH CIRCUIT NUMBERS AND PANEL DESIGNATIONS.
- ALTHOUGH ALL BRANCH CIRCUIT WIRE AND CONDUIT IS NOT SHOWN, IT IS THE INTENT OF THESE DOCUMENTS THAT A COMPLETE BRANCH CIRCUIT WIRING SYSTEM BE INSTALLED.
- ALL BRANCH CIRCUIT CONDUCTORS SHALL BE 98% CONDUCTIVITY COPPER MINIMUM #12 AWG SIZE THINWALL INSULATION 600 VOLTS RATED UNLESS OTHERWISE NOTED.
- REFER TO FIRE PROTECTION PLANS FOR ANY CHANGES AND FOR EXACT LOCATION OF ALL FLOW SWITCH, TAMPER SWITCH, ETC.
- DO NOT PENETRATE STAIRS WITH ANY UTILITIES EXCEPT FOR UTILITIES SPECIFICALLY SERVING THAT STAIR.
- WHERE CONDUITS AND/OR BOXES CANNOT BE FLUSH MOUNTED IN BUILDING PROVIDE A SYSTEM OF SURFACE METAL RACEWAYS AND BOXES IN ACCORDANCE WITH ARTICLE 386 EQUAL TO WIREMOLD FOR ALL FINISH SPACES WHERE PUBLIC HAS ACCESS, INCLUDING CORRIDORS, CLASSROOMS, OFFICES, ETC.
- CONFIRM RATINGS & FINAL LOCATIONS OF EQUIPMENT WITH OWNER PRIOR TO ROUGHING.
- ALL OUTLETS ON EXTERIOR WALLS WITH CASEWORK SHALL BE MOUNTED 6" ABOVE CASEWORK. CONFIRM HEIGHT OF CASEWORK WITH HVAC AND ARCHITECT PRIOR TO ROUGHING.
- TYPICALLY PROVIDE GROUND FAULT INTERRUPTER TYPE RECEPTACLES WITHIN 6 FEET OF WATER SOURCES.
- PROVIDE ALL EMPTY CONDUITS WITH FULL STRINGS.
- TYPICALLY PROVIDE (2) 4" SLEEVES OVER EACH CORRIDOR DOOR.
- PROVIDE (2) 2" THROUGH-WALL SLEEVES ABOVE CEILING OVER THE DOORS INTO EACH ROOM LEADING FROM THE CORRIDOR FOR COMMUNICATIONS DATA WIRING.
- LOCATE ALL WALL TELEPHONE OUTLETS 12 INCHES AWAY FROM ALL OTHER OUTLETS/DEVICES.
- PROVIDE (2) 1" SLEEVES OVER EACH DOOR FOR TEL, DATA SECURITY AND SOUND SYSTEM WIRING. TEL DATA SHALL BE DEDICATED TO (1) OF THE CONDUITS.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL BOXES AND CONDUITS REQUIRED FOR AUDIOVISUAL SYSTEMS SECTION 274101 DEVICES AS SHOWN ON AV DRAWINGS. ALL LOCATIONS OF POWER AND AV OUTLET BOXES SHALL BE COORDINATED WITH ARCHITECT PRIOR TO ROUGHING.
- E.C. SHALL PROVIDE EMERGENCY BOILER & WATER HEATER SHUT-OFF MOUNTED IN STOPPER II COVER. INTERLOCK w/ BOILER & WATER HEATER CONTROL PANELS. MOUNT @ 72" A.F.F. TYPICAL.



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BALDWIN SCHOOL  
 Brookline, MA

PROJECT STATUS

SD-PRICING  
 04/19/19

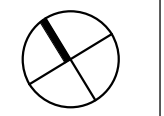
REVISIONS

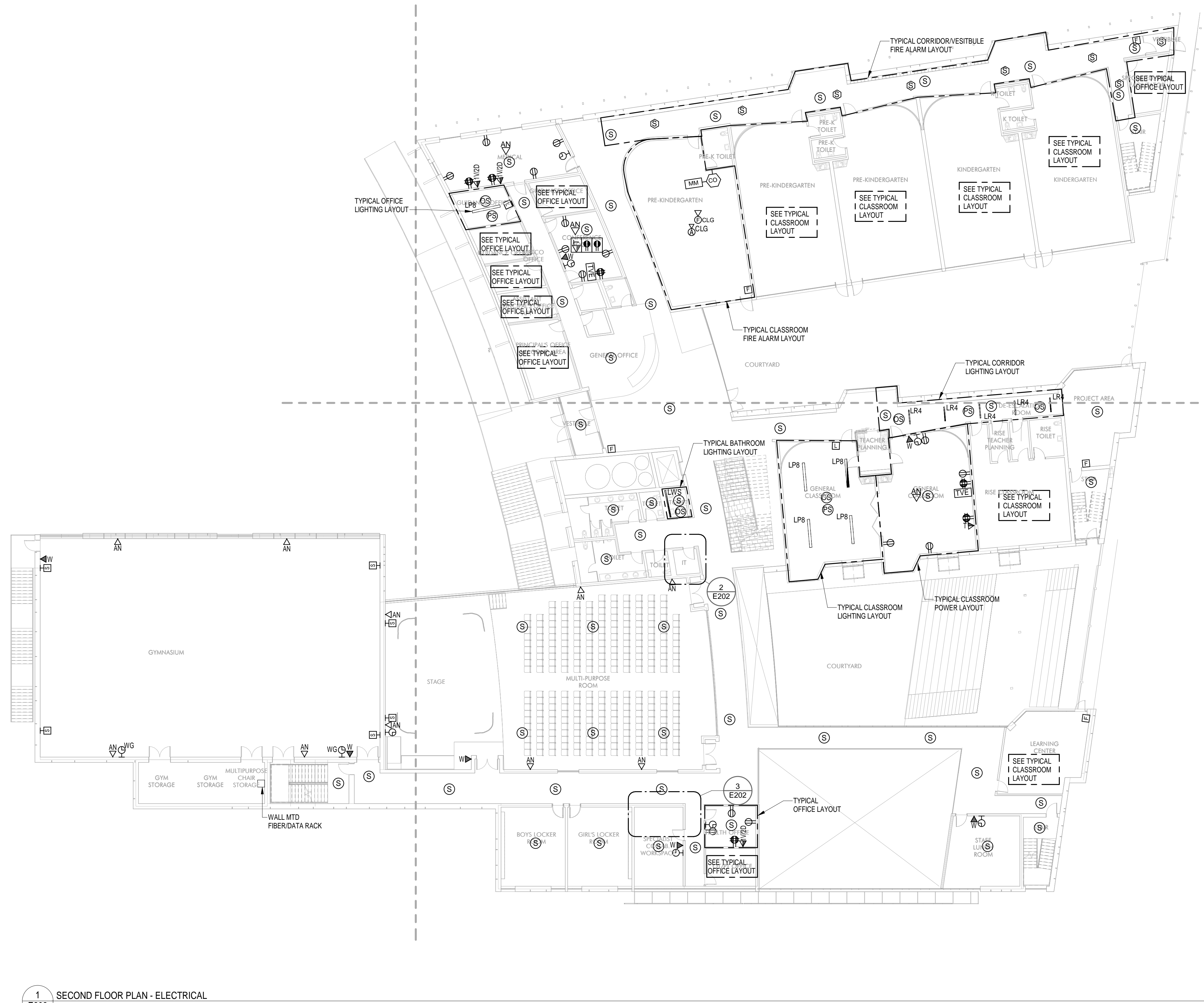
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DRAWING NAME  
 FIRST FLOOR PLAN - ELECTRICAL

PROJECT NO. Project Number

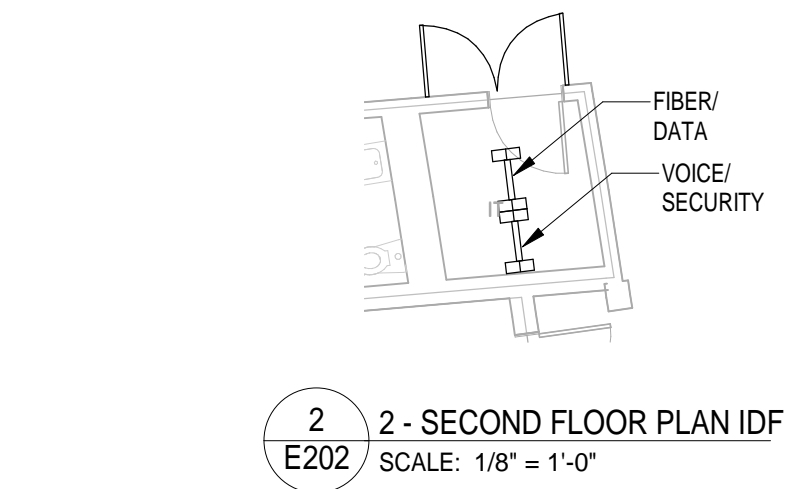
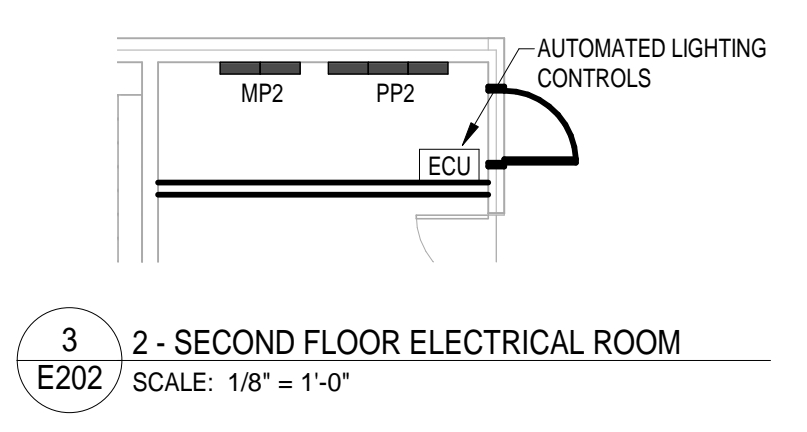
DRAWING NO.  
**E201**





1 SECOND FLOOR PLAN - ELECTRICAL  
E202 SCALE: 1/16" = 1'-0"

- GENERAL POWER NOTES:**
- COORDINATE EXACT LOCATION OF ALL DEVICES AND EQUIPMENT WITH ARCHITECT PRIOR TO INSTALLATION.
  - REFER TO MECHANICAL PLANS FOR ANY CHANGES AND FOR EXACT LOCATION OF ALL HVAC EQUIPMENT.
  - WIRING IS SHOWN ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS.
  - WIRING AND CONDUIT SHALL BE REQUIRED BETWEEN ALL OUTLETS INDICATED WITH CIRCUIT NUMBERS AND PANEL DESIGNATIONS.
  - ALTHOUGH ALL BRANCH CIRCUIT WIRE AND CONDUIT IS NOT SHOWN, IT IS THE INTENT OF THESE DOCUMENTS THAT A COMPLETE BRANCH CIRCUIT WIRING SYSTEM BE INSTALLED.
  - ALL BRANCH CIRCUIT CONDUCTORS SHALL BE 80% CONDUCTIVITY COPPER MINIMUM #12 AWG SIZE, THINWALL INSULATION, 600 VOLTS RATED UNLESS OTHERWISE NOTED.
  - REFER TO FIRE PROTECTION PLANS FOR ANY CHANGES AND FOR EXACT LOCATION OF ALL FLOW SWITCH, TAMPER SWITCH, ETC.
  - DO NOT PENETRATE STAIRS WITH ANY UTILITIES EXCEPT FOR UTILITIES SPECIFICALLY SERVING THAT STAIR.
  - WHERE CONDUITS AND/OR BOXES CANNOT BE FLUSH MOUNTED IN BUILDING PROVIDE A SYSTEM OF SURFACE METAL RACEWAYS AND BOXES IN ACCORDANCE WITH ARTICLE 386, EQUAL TO WIREMOLD FOR ALL FINISH SPACES WHERE PUBLIC HAS ACCESS, INCLUDING CORRIDORS, CLASSROOMS, OFFICES, ETC.
  - CONFIRM RATINGS & FINAL LOCATIONS OF EQUIPMENT WITH OWNER PRIOR TO ROUGHING.
  - ALL OUTLETS ON EXTERIOR WALLS WITH CASEWORK SHALL BE MOUNTED 6" ABOVE CASEWORK. CONFIRM HEIGHT OF CASEWORK WITH HVAC AND ARCHITECT PRIOR TO ROUGHING.
  - TYPICALLY PROVIDE GROUND FAULT INTERRUPTER TYPE RECEPTACLES WITHIN 6 FEET OF WATER SOURCES.
  - PROVIDE ALL EMPTY CONDUITS WITH PULL-STRINGS.
  - TYPICALLY PROVIDE (2) 4" SLEEVES OVER EACH CORRIDOR DOOR.
  - PROVIDE (2) 2" THROUGH-WALL SLEEVE ABOVE CEILING OVER THE DOORS INTO EACH ROOM LEADING FROM THE CORRIDOR FOR COMMUNICATIONS/DATA WIRING.
  - LOCATE ALL WALL TELEPHONE OUTLETS 12 INCHES AWAY FROM ALL OTHER OUTLETS/DEVICES.
  - PROVIDE (2) 1" SLEEVES OVER EACH DOOR FOR TEL/DATA SECURITY AND SOUND SYSTEM WIRING. TEL/DATA SHALL BE DEDICATED TO (1) OF THE CONDUITS.
  - ELECTRICAL CONTRACTOR SHALL PROVIDE ALL BOXES AND CONDUITS REQUIRED FOR AUDIOVISUAL SYSTEMS SECTION 274100 DEVICES AS SHOWN ON AV DRAWINGS. ALL LOCATIONS OF POWER AND AV OUTLET BOXES SHALL BE COORDINATED WITH ARCHITECT PRIOR TO ROUGHING.
  - E.C. SHALL PROVIDE EMERGENCY BOILER & WATER HEATER SHUT-OFF MOUNTED IN STOPPER & COVER. INTERLOCK w/ BOILER & WATER HEATER CONTROL PANELS MOUNT @ 72" A.F.F. TYPICAL.



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**BALDWIN SCHOOL**  
Brookline, MA

PROJECT STATUS  
SD-PRICING  
04/19/19

REVISIONS

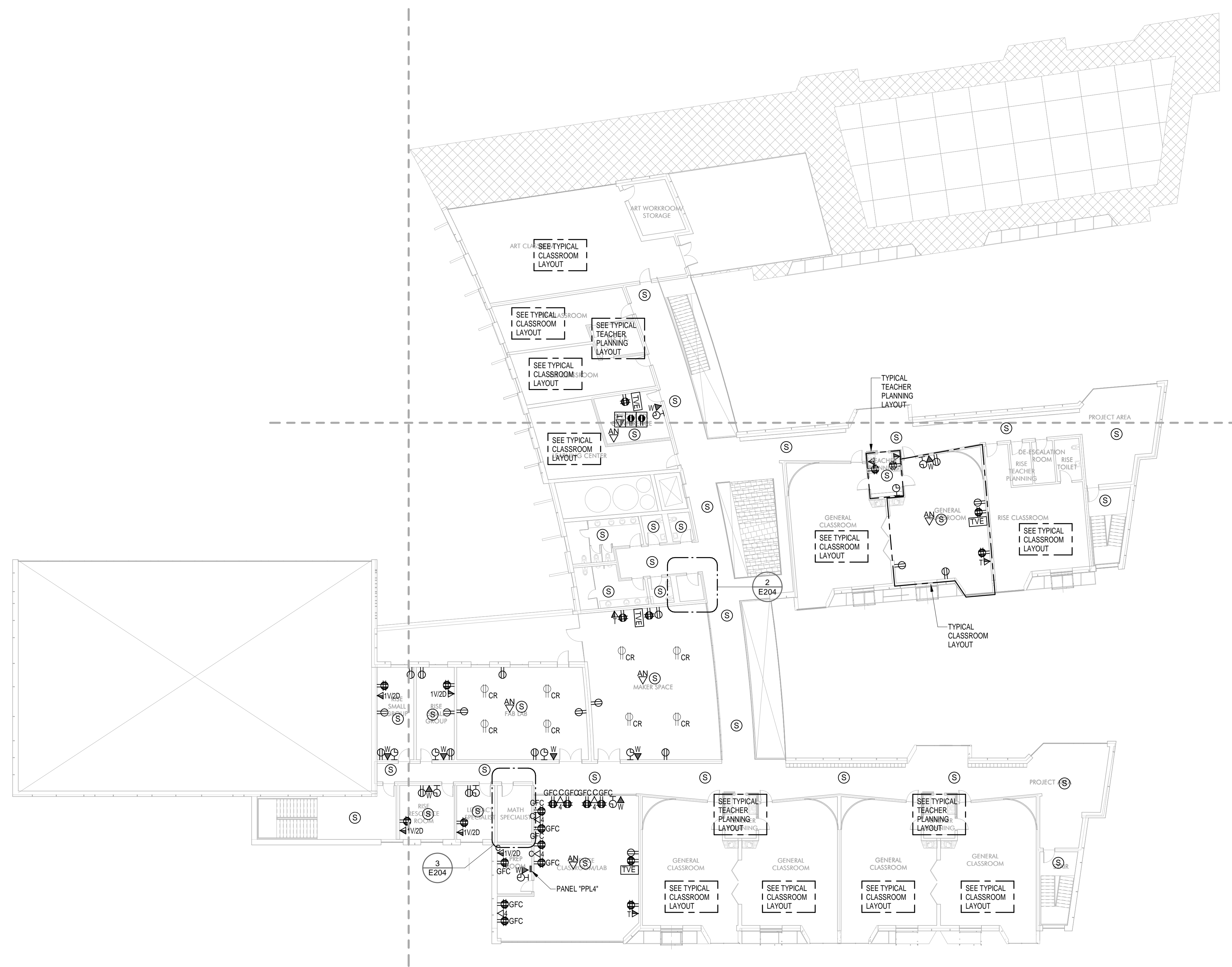
No.	Date	Description

DRAWING NAME  
SECOND FLOOR  
PLAN - ELECTRICAL

PROJECT NO. Project Number  
DRAWING NO.

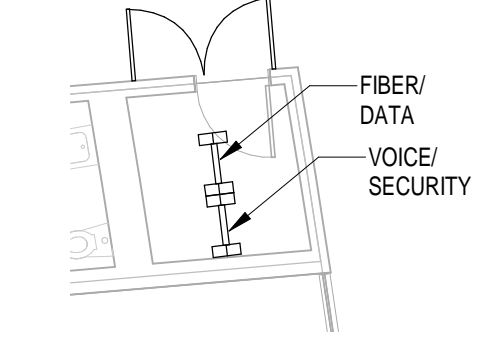
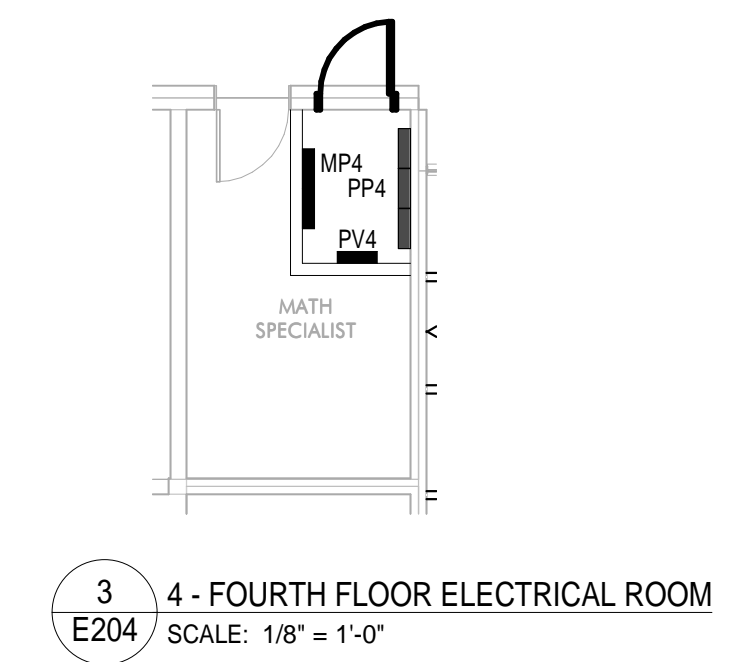
E202





1 FOURTH FLOOR PLAN - ELECTRICAL  
E204 SCALE: 1/16" = 1'-0"

- GENERAL POWER NOTES:**
- COORDINATE EXACT LOCATION OF ALL DEVICES AND EQUIPMENT WITH ARCHITECT PRIOR TO INSTALLATION.
  - REFER TO MECHANICAL PLANS FOR ANY CHANGES AND FOR EXACT LOCATION OF ALL HVAC EQUIPMENT.
  - WIRING IS SHOWN ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS.
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  - DO NOT PENETRATE STAIRS WITH ANY UTILITIES EXCEPT FOR UTILITIES SPECIFICALLY SERVING THAT STAIR.
  - WHERE CONDUITS AND/OR BOXES CANNOT BE FLUSH MOUNTED IN BUILDING PROVIDE A SYSTEM OF SURFACE METAL RACEWAYS AND BOXES IN ACCORDANCE WITH ARTICLE 386, EQUAL TO WIREMOLD FOR ALL FINISH SPACES WHERE PUBLIC HAS ACCESS, INCLUDING CORRIDORS, CLASSROOMS, OFFICES, ETC.
  - CONFIRM RATINGS & FINAL LOCATIONS OF EQUIPMENT WITH OWNER PRIOR TO ROUGHING.
  - ALL OUTLETS ON EXTERIOR WALLS WITH CASEWORK SHALL BE MOUNTED 6" ABOVE CASEWORK. CONFIRM HEIGHT OF CASEWORK WITH HVAC AND ARCHITECT PRIOR TO ROUGHING.
  - TYPICALLY PROVIDE GROUND FAULT INTERRUPTER TYPE RECEPTACLES WITHIN 6 FEET OF WATER SOURCES.
  - PROVIDE ALL EMPTY CONDUITS WITH PULL-STRINGS.
  - TYPICALLY PROVIDE (2) 1" SLEEVES OVER EACH CORRIDOR DOOR.
  - PROVIDE (2) 2" THROUGH-WALL SLEEVE ABOVE CEILING OVER THE DOORS INTO EACH ROOM LEADING FROM THE CORRIDOR FOR COMMUNICATIONS DATA WIRING.
  - LOCATE ALL WALL TELEPHONE OUTLETS 12 INCHES AWAY FROM ALL OTHER OUTLETS/DEVICES.
  - PROVIDE (2) 1" SLEEVES OVER EACH DOOR FOR TEL/DATA SECURITY AND SOUND SYSTEM WIRING. TEL/DATA SHALL BE DEDICATED TO (1) OF THE CONDUITS.
  - ELECTRICAL CONTRACTOR SHALL PROVIDE ALL BOXES AND CONDUITS REQUIRED FOR AUDIOVISUAL SYSTEMS SECTION 274100 DEVICES AS SHOWN ON AV DRAWINGS. ALL LOCATIONS OF POWER AND AV OUTLET BOXES SHALL BE COORDINATED WITH ARCHITECT PRIOR TO ROUGHING.
  - E.C. SHALL PROVIDE EMERGENCY BOILER & WATER HEATER SHUT-OFF MOUNTED IN STOPPER II COVER, INTERLOCK w/ BOILER & WATER HEATER CONTROL PANELS. MOUNT @ 72" A.F.F. TYPICAL.



2 4 - FOURTH FLOOR PLAN IDF  
E204 SCALE: 1/8" = 1'-0"

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**BALDWIN SCHOOL**  
Brookline, MA

PROJECT STATUS  
SD-PRICING  
04/19/19

REVISIONS

No.	Date	Description

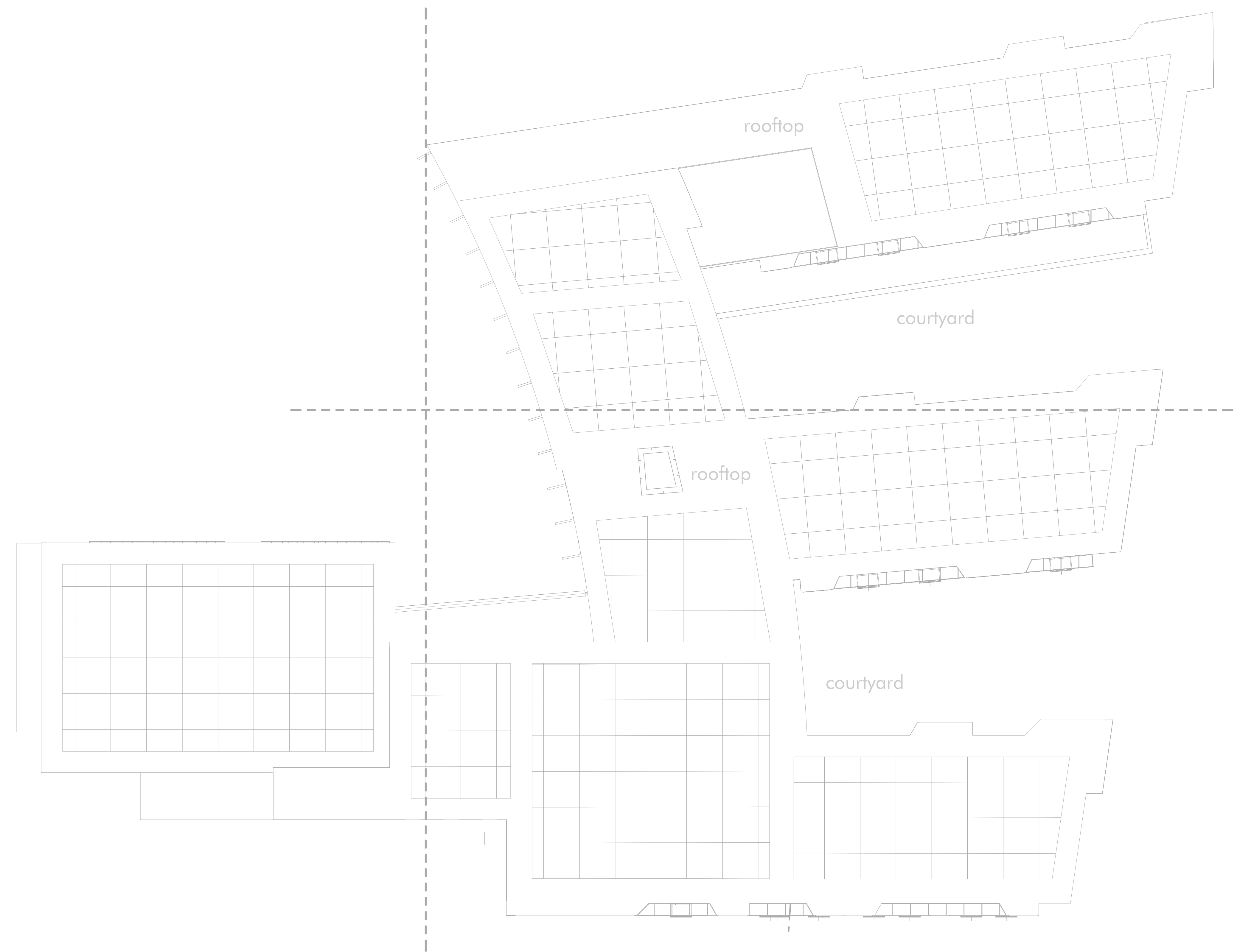
DRAWING NAME  
FOURTH FLOOR PLAN - ELECTRICAL

PROJECT NO. Project Number  
DRAWING NO.

**E204**

**GENERAL POWER NOTES:**

1. COORDINATE EXACT LOCATION OF ALL DEVICES AND EQUIPMENT WITH ARCHITECT PRIOR TO INSTALLATION.
2. REFER TO MECHANICAL PLANS FOR ANY CHANGES AND FOR EXACT LOCATION OF ALL HVAC EQUIPMENT.
3. WIRING IS SHOWN ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS.
4. WIRING AND CONDUIT SHALL BE REQUIRED BETWEEN ALL OUTLETS INDICATED WITH CIRCUIT NUMBERS AND PANEL DESIGNATIONS.
5. ALTHOUGH ALL BRANCH CIRCUIT WIRE AND CONDUIT IS NOT SHOWN, IT IS THE INTENT OF THESE DOCUMENTS THAT A COMPLETE BRANCH CIRCUIT WIRING SYSTEM BE INSTALLED.
6. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE 98% CONDUCTIVITY COPPER MINIMUM #12 AWG SIZE THINWALL INSULATION 600 VOLTS RATED UNLESS OTHERWISE NOTED.
7. REFER TO FIRE PROTECTION PLANS FOR ANY CHANGES AND FOR EXACT LOCATION OF ALL FLOW SWITCH, TAMPER SWITCH, ETC.
8. DO NOT PENETRATE STAIRS WITH ANY UTILITIES EXCEPT FOR UTILITIES SPECIFICALLY SERVING THAT STAIR.
9. WHERE CONDUITS AND/OR BOXES CANNOT BE FLUSH MOUNTED IN BUILDING PROVIDE A SYSTEM OF SURFACE METAL RACKWAYS AND BOXES IN ACCORDANCE WITH ARTICLE 398, EQUAL TO WIREMOLD FOR ALL FINISH SPACES WHERE PUBLIC HAS ACCESS, INCLUDING CORRIDORS, CLASSROOMS, OFFICES, ETC.
10. CONFIRM RATINGS & FINAL LOCATIONS OF EQUIPMENT WITH OWNER PRIOR TO ROUGHING.
11. ALL OUTLETS ON EXTERIOR WALLS WITH CASEWORK SHALL BE MOUNTED 6" ABOVE CASEWORK. CONFIRM HEIGHT OF CASEWORK WITH HVAC AND ARCHITECT PRIOR TO ROUGHING.
12. TYPICALLY PROVIDE GROUND FAULT INTERRUPTER TYPE RECEPTACLES WITHIN 6 FEET OF WATER SOURCES.
13. PROVIDE ALL EMPTY CONDUITS WITH PULL-STRINGS.
14. TYPICALLY PROVIDE (2) 4" SLEEVES OVER EACH CORRIDOR DOOR.
15. PROVIDE (2) 2" THROUGH-WALL SLEEVE ABOVE CEILING OVER THE DOORS INTO EACH ROOM LEADING FROM THE CORRIDOR FOR COMMUNICATIONS DATA WIRING.
16. LOCATE ALL WALL TELEPHONE OUTLETS 12 INCHES AWAY FROM ALL OTHER OUTLETS/DEVICES.
17. PROVIDE (2) 1" SLEEVES OVER EACH DOOR FOR TEL./DATA SECURITY AND SOUND SYSTEM WIRING. TEL./DATA SHALL BE DEDICATED TO (1) OF THE CONDUITS.
18. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL BOXES AND CONDUITS REQUIRED FOR AUDIOVISUAL SYSTEMS SECTION 274100 DEVICES AS SHOWN ON AV DRAWINGS. ALL LOCATIONS OF POWER AND AV OUTLET BOXES SHALL BE COORDINATED WITH ARCHITECT PRIOR TO ROUGHING.
19. E.C. SHALL PROVIDE EMERGENCY BOILER & WATER HEATER SHUT-OFF MOUNTED IN STOPPER II COVER. INTERLOCK w/ BOILER & WATER HEATER CONTROL PANELS. MOUNT @ 72" A.F.F. TYPICAL.



**1** ROOF PLAN - ELECTRICAL  
 E205 SCALE: 1/16" = 1'-0"



**BALDWIN SCHOOL**  
 Brookline, MA

PROJECT STATUS  
 SD-PRICING  
 04/19/19

REVISIONS

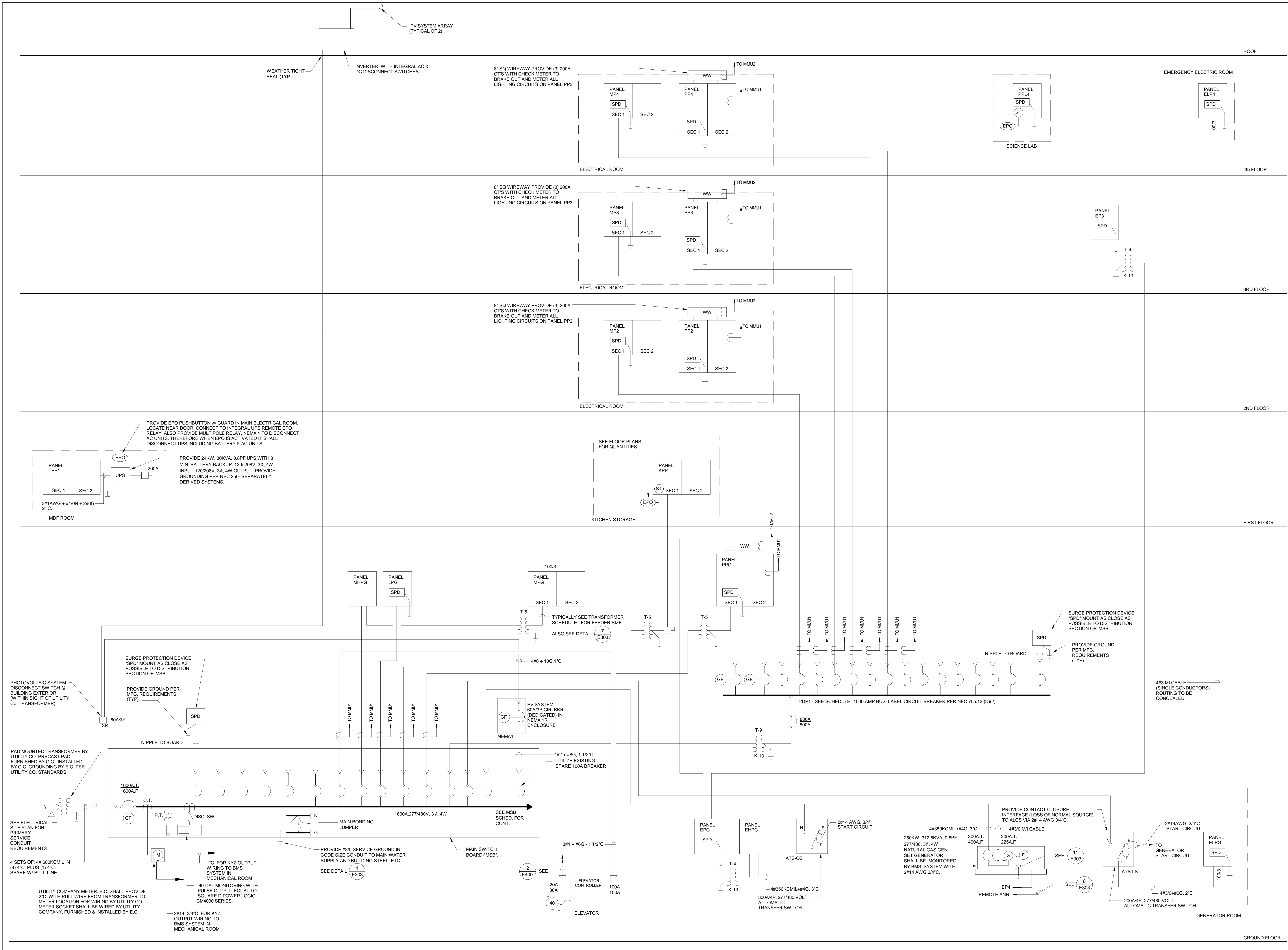
No.	Date	Description

DRAWING NAME  
**ROOF PLAN - ELECTRICAL**

PROJECT NO. Project Number  
 DRAWING NO.

**E205**





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BALDWIN SCHOOL  
Brookline, MA

PROJECT STATUS  
SD-PRICING  
04/19/19

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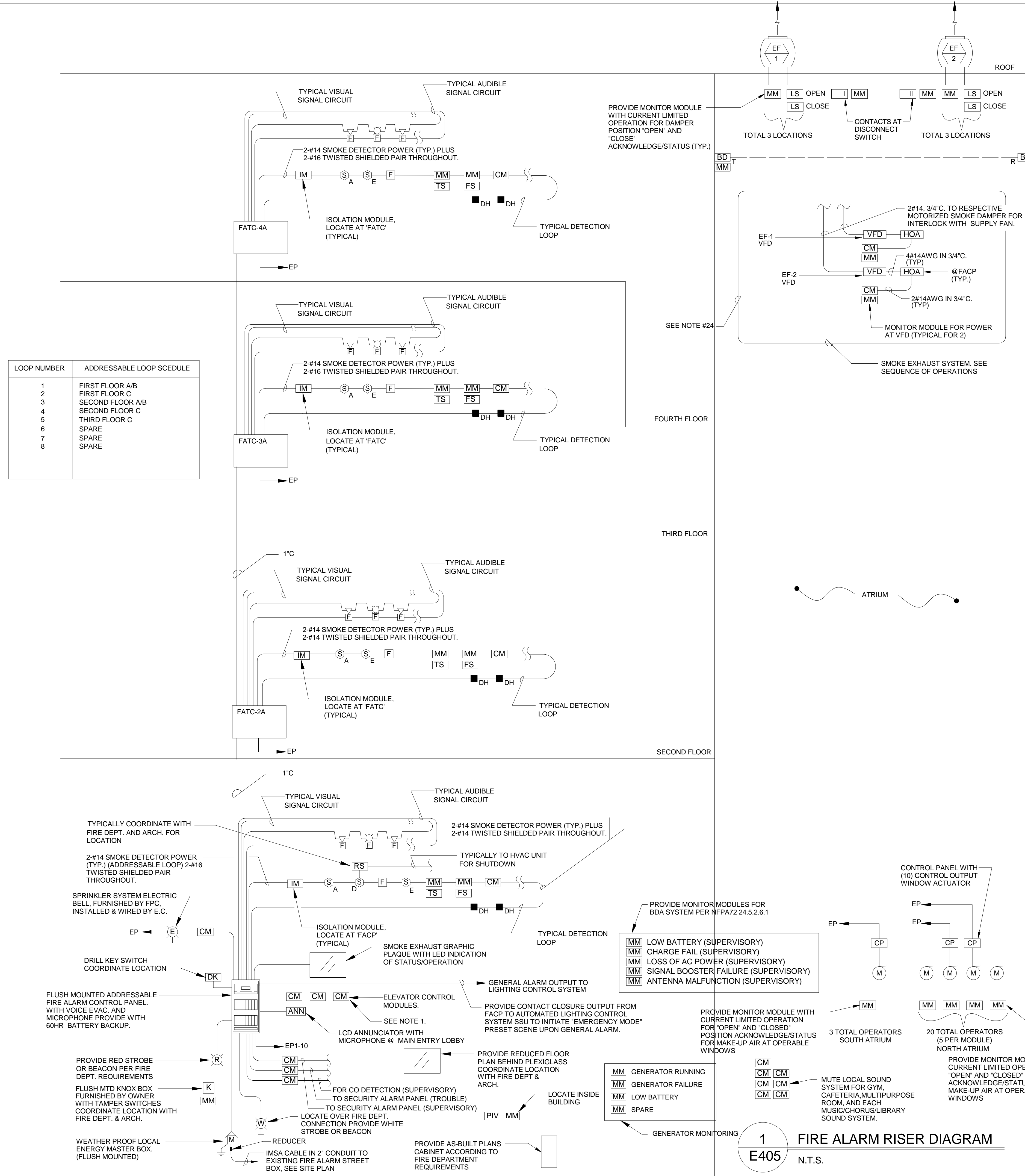
No.	Date	Description

DRAWING NAME  
ONE-LINE RISER DIAGRAM

PROJECT NO.      Project Number  
DRAWING NO.

E301

LOOP NUMBER	ADDRESSABLE LOOP SCHEDULE
1	FIRST FLOOR AB
2	FIRST FLOOR C
3	SECOND FLOOR AB
4	SECOND FLOOR C
5	THIRD FLOOR C
6	SPARE
7	SPARE
8	SPARE



### 1 FIRE ALARM RISER DIAGRAM

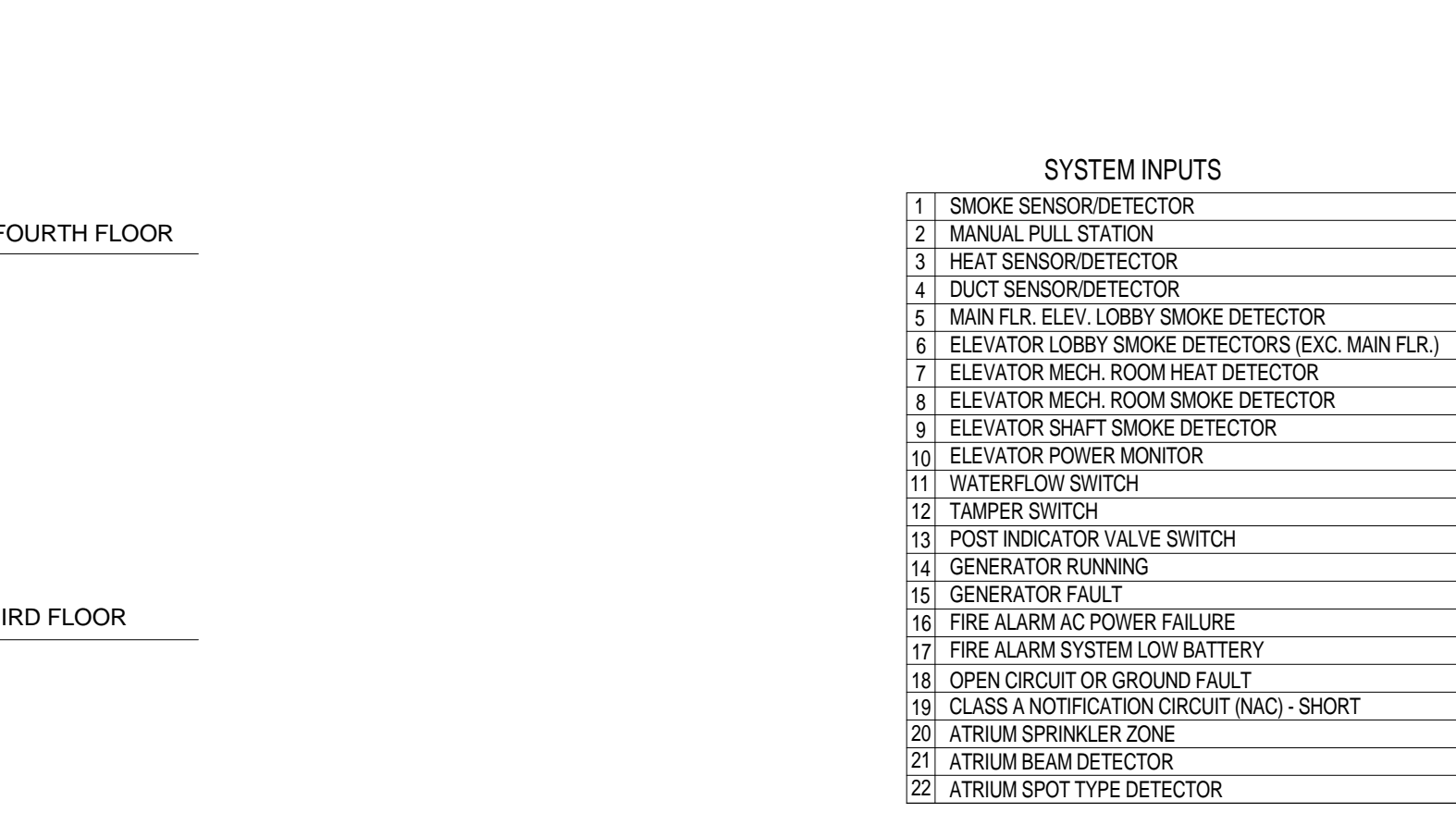
E405 N.T.S.

#### NOTES

- E.C. SHALL REFER TO SPECIFICATIONS AND DRAWINGS FOR QUANTITY OF DEVICES, SPARE CAPACITY, PARTS, ETC.
- E.C. SHALL REFER TO HVAC DRAWINGS FOR EXACT LOCATION OF UNITS AND FOR LOCATIONS OF DUCT MOUNTED SMOKE DETECTORS. DUCT DETECTORS FURNISHED AND WIRING BY E.C., INSTALLED BY HVAC.
- TYPICALLY FIRE ALARM SYSTEM SIGNAL CONDUCTORS SHALL BE #14 AWG MINIMUM. TYPE THIN SOLID. ALL FIRE ALARM WIRING SHALL BE INSTALLED IN CONDUIT. NC CABLE IS ALLOWED WHERE CONCEALED AND ALLOWED BY CODE.
- TYPICALLY ALL SPEAKER/STROBES UNITS SHALL BE WIRED SO THAT THE SPEAKER/STROBES CAN BE SILENCED SIMULTANEOUSLY.
- ALL SPEAKER/STROBES WITHIN ALL CLASSROOMS SHALL BE MULTI-TAPPED TYPE. E.C. SHALL OWN & ADJUST DURING FIRE DEPARTMENT TESTING.
- ALL SPEAKER/STROBES SHALL BE MOUNTED IN ACCORDANCE WITH ADA ROOM SPACING ALLOCATION TABLES FOR VISUAL SIGNALING DEVICES.
- PROVIDE CONTROL MODULES TO OVERRIDE MAGLOCKS FOR CARD ACCESS. REFER TO SECURITY FLOOR PLANS FOR EXACT LOCATION AND QUANTITIES.
- ALL DEVICES SHALL BE LABELED WITH CLEAR TAPE WITH BLACK INK. LABEL SHALL IDENTIFY LOOP AND DEVICE NUMBER.
- ALL REMOTE TEST STATIONS SHALL BE KEYED AND MOUNTED ADJACENT TO FACP OR AS DIRECTED BY LOCAL FIRE DEPT. LABEL EACH UNIT.
- PULL STATIONS SHALL BE DOUBLE ACTION. PROVIDE TAMPER RESISTANT PLASTIC COVERS ON ALL PULL STATIONS.
- A.V. DEVICES SHALL NOT BE INSTALLED WITHIN CHALK BOARDS. COORDINATE EXACT LOCATION OF ALL A.V. DEVICES W/ARCH. PRIOR TO INSTALLING.
- ALL TAMPER AND SUPERVISORY SWITCHES SHALL BE WIRED AS LOCAL SUPERVISORS ALARM CONDITION UPON ACTIVATION. TROUBLE OR SUPERVISORY SHALL BE SELF RESTORING. TRANSMIT SIGNAL TO FIRE DEPT. BUT DO NOT ALARM BUILDING.
- PRIOR TO SUBMITTING SHOP DRAWINGS, COORDINATE WITH LOCAL FIRE DEPT. FOR EXACT REQUIREMENTS. OBTAIN FIRE PREVENTION RULES AND REGULATIONS WHEN AVAILABLE AND COMPLY IN FULL.
- COORDINATE WITH SELECTED SYSTEM MANUFACTURER FOR WIRING REQUIREMENTS.
- ALL DETECTION & SIGNAL WIRING SHALL BE CLASS "A".
- SUBMIT AS PART OF SHOP DRAWINGS COMPLETE FLOOR PLANS & RISERS WITH ALL DEVICES SHOWN AND WITH DEVICE ADDRESSES.
- PROVIDE ISOLATION MODULE FOR EVERY 25 DEVICES, TYPICAL.
- PROVIDE INTERFACE WITH SECURITY SYSTEM SO THAT ACTUATION OF FIRE ALARM SYSTEM WILL NOTIFY SECURITY SYSTEM TO UNLOCK SECURED DOORS REQUIRED BY THE FIRE DEPT. PROVIDE CONTROL MODULE AT EACH ELECTRIFIED DOOR.
- PROVIDE CONTACT LOGSURE INTERFACE TO AUTOMATED LIGHTING CONTROL SYSTEM (ALCS) VIA A SINGLE PAIR OF 2#18 CONDUCTORS. WHEN FIRE ALARM SYSTEM GOES INTO ALARM A SIGNAL SHALL BE ISSUED TO ALLOW THE ALCS TO TURN ALL INTERIOR AND EXTERIOR LIGHTING "ON".
- PROGRAMMING OF ADDRESSES SHALL BE COORDINATED WITH THE FIRE DEPARTMENT TO MATCH THE LOCAL FIRE DEPT. LABELING PROTOCOL. DEVICE ADDRESS DESCRIPTIONS TO BE ISSUED TO THE ARCHITECT AND FIRE DEPT. FOR APPROVAL PRIOR TO FINAL PROGRAMMING.
- TYPICALLY PROVIDE (1) MONITOR MODULE FOR EACH CARBON MONOXIDE, GAS DETECTOR, ETC.
- DOOR HOLDERS ARE FURNISHED BY HARDWARE, INSTALLED & WIRED BY E.C.
- PROVIDE #18/2C TWISTED SHIELDED CABLE FROM FACP TO EACH LOCAL SOUND SYSTEM LOCATED IN CAFETERIA, GYMNASIUM & MEDIA ROOM.
- PROVIDE (4) H.O.A. SWITCHES IN FACP FOR FIRE DEPT USE. PROVIDE (1) CONTROL MODULES ADJACENT TO EACH STRATVERFD SO THAT EXHAUST FANS FOR ATRIAM SMOKE EXHAUST SYSTEM SHALL ENERGIZE UPON ACTIVATION OF ANY SMOKE DETECTOR IN ATRIAM OR SPRINKLER FLOW SWITCH SERVING ATRIAM.
- ALL WIRING FOR DETECTION AND CONTROL SYSTEM SHALL BE FULLY ENCLOSED IN CONTINUOUS RACEWAYS PER IBC 905.12.1.

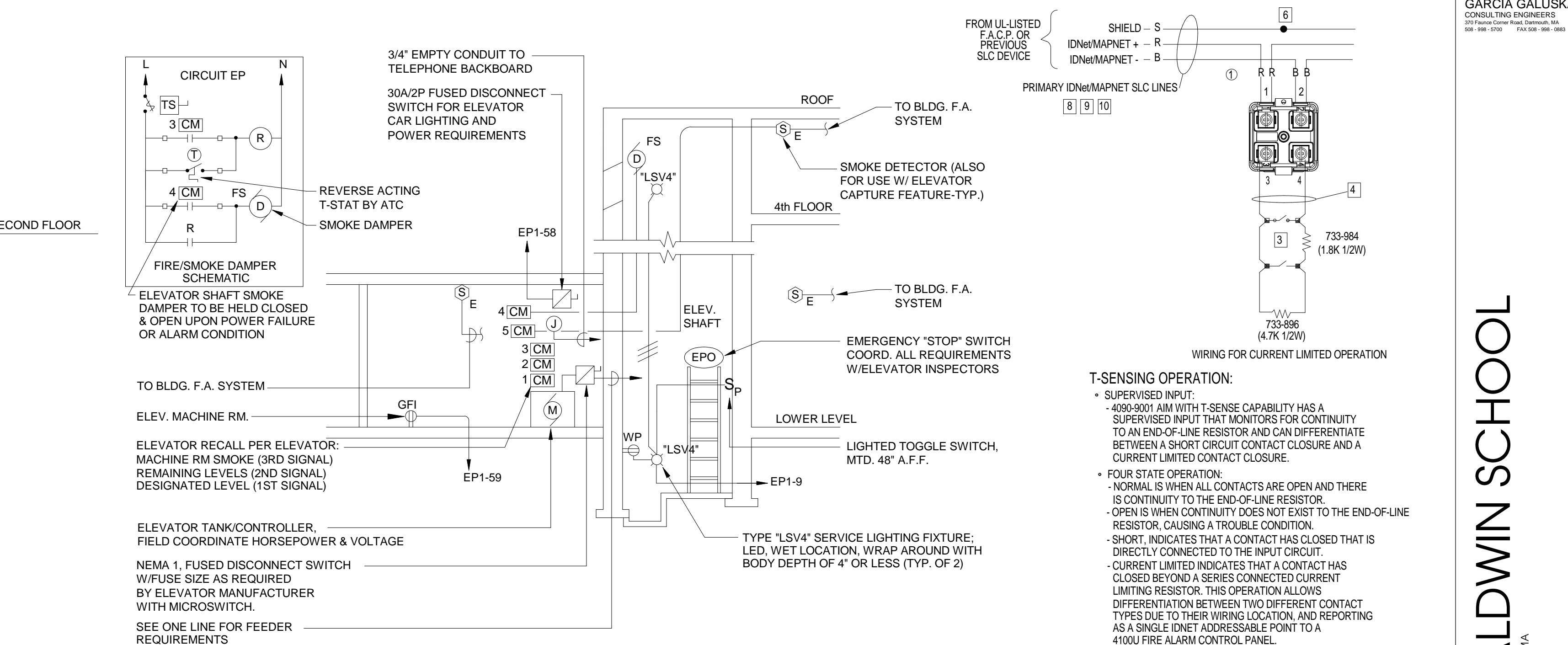
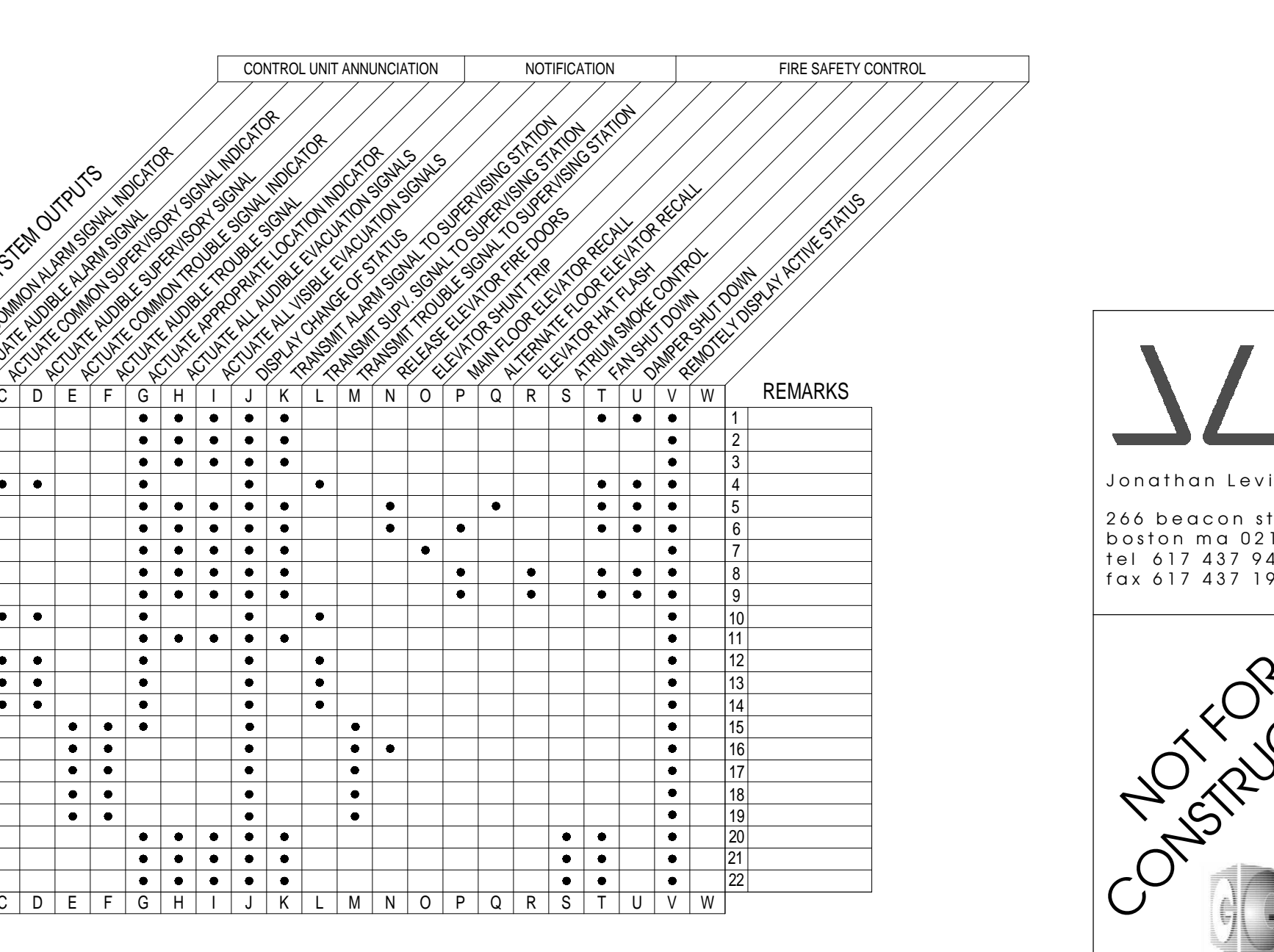
#### ROOM SPACING FOR CEILING-MOUNTED VISIBLE APPLIANCES

MAXIMUM ROOM SIZE	MAXIMUM LENS HEIGHT	MINIMUM REQUIRED LIGHT OUTPUT (EFFECTIVE INTENSITY) ; ONE LIGHT (cd)
20 x 20	10	15
30 x 30	10	30
40 x 40	10	60
44 x 44	10	75
50 x 50	10	95
55 x 55	10	110
59 x 59	10	135
63 x 63	10	150
68 x 68	10	177
70 x 70	10	185
20 x 20	20	30
30 x 30	20	45
44 x 44	20	75
46 x 46	20	80
50 x 50	20	95
55 x 55	20	110
59 x 59	20	135
63 x 63	20	150
68 x 68	20	177
70 x 70	20	185
20 x 20	30	55
30 x 30	30	75
50 x 50	30	95
53 x 53	30	110
55 x 55	30	115
59 x 59	30	135
63 x 63	30	150
68 x 68	30	177
70 x 70	30	185



#### ROOM SPACING FOR WALL-MOUNTED VISIBLE APPLIANCES

MAXIMUM ROOM SIZE	MINIMUM REQUIRED LIGHT OUTPUT (EFFECTIVE INTENSITY) ; ONE LIGHT (cd)		
	ONE LIGHT PER ROOM (CEILING HEIGHT)	TWO LIGHTS PER ROOM (LOCATED ON OPPOSITE WALLS)	FOUR LIGHTS PER ROOM ONE LIGHT PER WALLS
20 x 20'	NA	NA	NA
28' x 28'	NA	NA	NA
30' x 30'	NA	NA	NA
40' x 40'	30	60	120
45' x 45'	75	150	300
50' x 50'	60	120	240
54' x 54'	110	220	440
55' x 55'	115	230	460
60' x 60'	135	270	540
63' x 63'	150	300	600
68' x 68'	177	354	708
70' x 70'	185	370	740



#### SEQUENCE OF OPERATION FOR SMOKE EXHAUST SYSTEM

- SMOKE DETECTORS LOCATED IN EACH ELEVATOR LOBBY, MACHINE ROOM AND A FIXED TEMPERATURE HEAT DETECTOR AT TOP OF HOISTWAY SHALL INITIATE ELEVATOR RECALL IN ADDITION TO SENDING SYSTEM INTO "AUTO" ALARM MODE FOR FIRE FIGHTERS SERVICE.
  - FIVE (5) CONTROL MODULES WILL BE LOCATED IN THE ELEVATOR MACHINE ROOM.
  - THE SMOKE DETECTOR LOCATED ON THE DESIGNATED LEVEL WILL ACTUATE THE FIRST CONTROL MODULE OF EACH ELEVATOR AND INITIATE THE ALTERNATE LEVEL RECALL.
  - THE SMOKE DETECTORS ON THE REMAINING ELEVATOR LEVELS WILL ACTUATE THE SECOND CONTROL MODULE FOR DESIGNATED LEVEL RECALL FOR EACH ELEVATOR.
  - THE THIRD CONTROL MODULE WILL BE ACTUATED BY A FIRE ALARM INITIATING DEVICE IN THE MACHINE ROOM, CONTROL SPACE, CONTROL ROOM AND/OR HOISTWAY AND WILL ILLUMINATE THE ASSOCIATED FIRE FIGHTERS HAT.
  - WHERE THE ELEVATOR MACHINE ROOM IS LOCATED AT THE DESIGNATED LEVEL, THAT MACHINE ROOM SMOKE DETECTOR WILL ALSO ACTUATE THE FIRST CONTROL MODULE TO RECALL ELEVATOR TO THE ALTERNATE LEVEL.
  - THE FOURTH CONTROL MODULE WILL BE ACTUATED BY A FIRE ALARM INITIATING DEVICE IN THE MACHINE ROOM, CONTROL SPACE, CONTROL ROOM AND/OR HOISTWAY AND WILL ENERGIZE THE MACHINE ROOM EXHAUST FAN.
  - THE FIFTH CONTROL MODULE WILL BE ACTUATED BY A FIRE ALARM INITIATING DEVICE IN THE MACHINE ROOM, CONTROL SPACE, CONTROL ROOM AND/OR HOISTWAY AND WILL DE-ENERGIZE THE FIRE/SMOKE DAMPER CAUSING IT TO OPEN.
- UPON DETECTION OF SMOKE FROM ATRIAM BEAM DETECTORS, ATRIAM SPOT TYPE SMOKE DETECTOR OR ATRIAM SPRINKLER ZONE, THE SMOKE CONTROL SYSTEM SHALL OPERATE AS FOLLOWS:
- THE FIRE ALARM PANEL SHALL ACTIVATE AUTOMATIC SEQUENCE AND START "AUTO" MODE. AIR HANDLERS AHU-1 AND AHU-2 SHALL SHUT DOWN.
  - THE MAKE-UP AIR SYSTEM SHALL INITIATE. THE MAKE-UP AIR SYSTEM CONSISTS OF (2) LOCATIONS OF OPERABLE WINDOWS LOCATED ON FIRST FLOOR. THERE ARE TWENTY (20) OPERABLE WINDOWS ON THE NORTH SIDE OF ATRIAM AND THREE (3) OPERABLE WINDOWS ON SOUTH SIDE OF ATRIAM. LIMIT SWITCHES AT ALL MOTORIZED WINDOWS WILL CONFIRM STATUS OF WINDOW "OPEN" AND "CLOSED" POSITION. THE MULTIPLE WINDOW OPERATORS WILL BE GROUPED IN SERIES OF (6) WINDOWS FOR STATUS INDICATION. THE TIME INTERVAL FOR WINDOWS TO OPEN WILL TAKE 67 SECONDS. IN THE EVENT "OPEN" STATUS IS NOT ACHIEVED IN 90 SECONDS A FAULT CONDITION WILL INDICATE ON THE FIRE SMOKE CONTROL PANEL.
  - SIMULTANEOUSLY WITH THE MAKE-UP AIR SYSTEM INITIATION, EXHAUST FIRE/SMOKE DAMPERS (TOTAL OF 6) SHALL INITIATE. LIMIT SWITCHES AT EACH FIRE/SMOKE DAMPER GROUPED THREE (3) PER EXHAUST FAN SHALL INDICATE "STATUS" FOR FIRE SMOKE CONTROL PANEL. THE TIME INTERVAL FOR THE EXHAUST FIRE/SMOKE DAMPER TO OPEN WILL TAKE 45 SECONDS. IN THE EVENT "OPEN" STATUS IS NOT ACHIEVED IN 120 SECONDS A FAULT CONDITION WILL INDICATE ON THE FIRE SMOKE CONTROL PANEL.
  - SMOKE SENSITIVE SWITCHES ON THE MAKE-UP AIR SYSTEM SHALL INITIATE THE FIRE/SMOKE DAMPER TO OPEN. ONCE "OPEN" STATUS OF FIRE/SMOKE DAMPERS AND MAKE-UP AIR SYSTEM IS CONFIRMED.
  - THE SMOKE CONTROL SYSTEM SHALL CONTINUE TO OPERATE UNTIL FIRE PERSONNEL REACH THE SITE, AND THROUGH OPERATION OF HAND-OFF AUTOMATIC (H.O.A.) SWITCHES AT THE FIRE SMOKE CONTROL PANEL. WILL CYCLE THE SMOKE EXHAUST FANS AND MOTORIZED WINDOWS TO SUITE SITE CONDITIONS.
  - TWO (2) HAND-OFF AUTOMATIC (H.O.A.) SWITCHES WILL BE LOCATED IN THE FIRE SMOKE CONTROL PANEL FOR FIRE DEPARTMENT USE FOR MANUAL OVERRIDE OF EF-1 AND EF-2.
  - H.O.A. SWITCHES FOR EXHAUST FANS SHALL ALSO OVERRIDE FIRE/SMOKE DAMPERS, RESPECTIVELY.
  - THE MAKE-UP AIR H.O.A. SWITCHES WILL TOTAL FIVE. THE SWITCHES SHALL BE GROUPED ONE (1) FOR SOUTH ATRIAM WINDOW OPERATORS AND FOUR (4) FOR NORTH WINDOW OPERATORS.
  - IN THE EVENT "LIMIT