

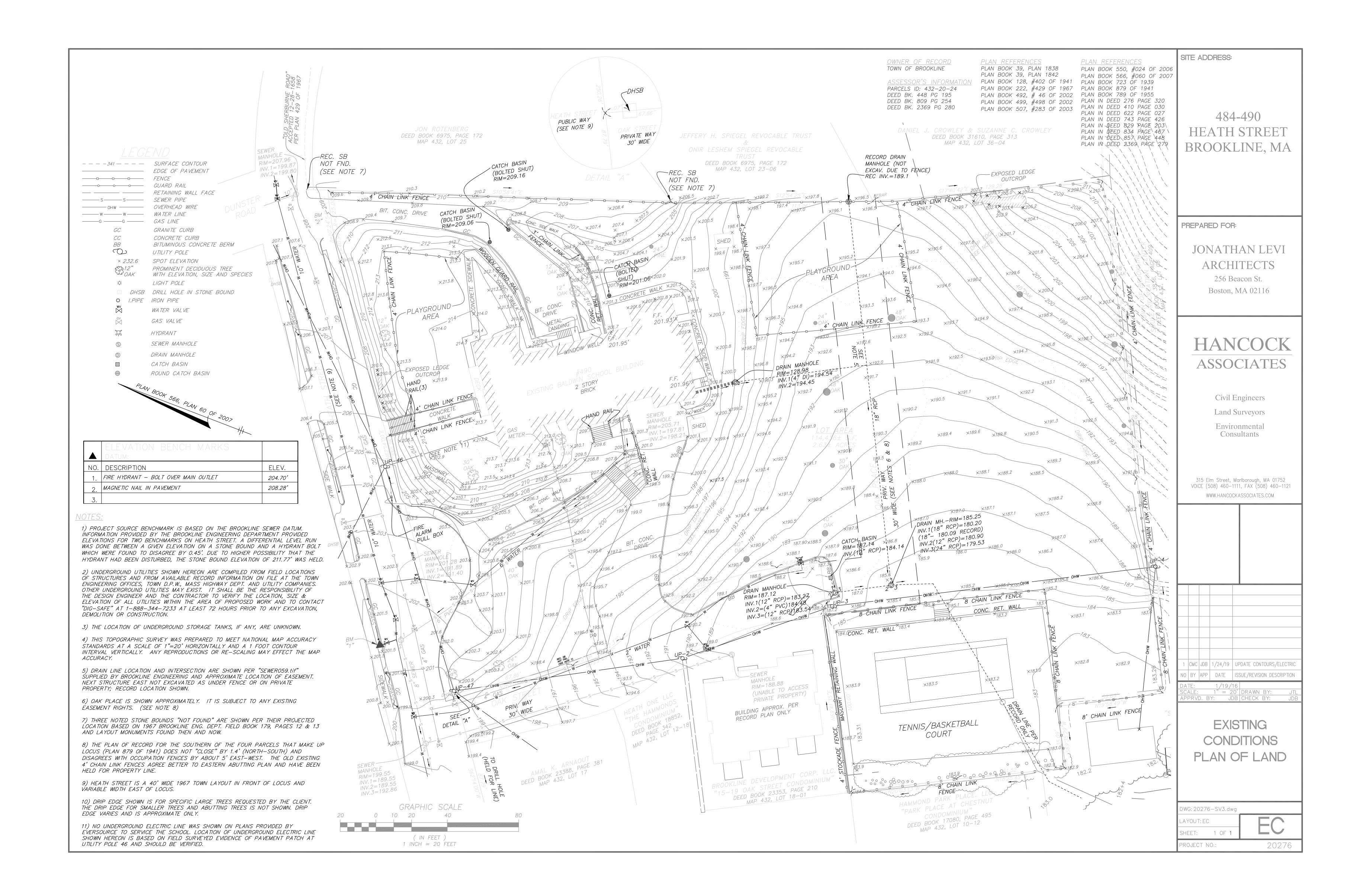
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	LIST OF DRAWINGS
Sheet Number	Sheet Name
EXISTING CONDITI	ON EXISTING CONDITIONS - PLAN OF LAND
	UTILITIES AND DRAINAGE PLAN
ARCHITECTURE	
A100	BASE FLOOR PLAN
A100A	BASE FLOOR PLAN - A
A101 A101A	FIRST FLOOR PLAN FIRST FLOOR PLAN - A
A101A	SECOND FLOOR PLAN
A102A	SECOND FLOOR PLAN - A
A102B	SECOND FLOOR PLAN - B
A102C A103	SECOND FLOOR PLAN - C THIRD FLOOR PLAN
A103 A103A	THIRD FLOOR PLAN - A
A103B	THIRD FLOOR PLAN - B
A103C	THIRD FLOOR PLAN - C
A104	FOURTH FLOOR PLAN
A104A A104B	FOURTH FLOOR PLAN - A FOURTH FLOOR PLAN - B
A1046	FOURTH FLOOR PLAN - C
A105	ROOF PLAN
A105A	ROOF PLAN - A
A105B	ROOF PLAN - B
A105C A200	ROOF PLAN - C BUILDING ELEVATIONS
A200	BUILDING SECTIONS
A400	EXTERIOR 3D VIEWS
A500	TYPICAL INTERIOR ELEVATIONS
A501	TYPICAL INTERIOR ELEVATIONS
FIRE PROTECTION	1
FP100	GARAGE LEVEL RCP - FIRE PROTECTION
FP101 FP102	FIRST FLOOR RCP - FIRE PROTECTION SECOND FLOOR RCP - FIRE PROTECTION
FP103	THIRD FLOOR RCP - FIRE PROTECTION
FP104	FOURTH FLOOR RCP - FIRE PROTECTION
PLUMBING	
P100	GARAGE LEVEL PLAN - PLUMBING
P101	FIRST FLOOR PLAN BELOW SLAB - PLUMBING
P102 P103	FIRST FLOOR PLAN - PLUMBING SECOND FLOOR PLAN - PLUMBING
P104	THIRD FLOOR PLAN - PLUMBING
P105	FOURTH FLOOR PLAN - PLUMBING
P106	ROOF PLAN - PLUMBING
MECHANICAL	
M100	HVAC - BASE FLOOR PLAN
M101 M102	HVAC - FIRST FLOOR PLAN
M102 M103	HVAC - SECOND FLOOR PLAN 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
ELECTRICAL	
E001	ELECTRICAL SYMBOL LIST
E200 E201	GARAGE LEVEL PLAN - ELECTRICAL FIRST FLOOR PLAN - ELECTRICAL
E202	SECOND FLOOR PLAN - ELECTRICAL
E203	THIRD FLOOR PLAN - ELECTRICAL
E204	FOURTH FLOOR PLAN - ELECTRICAL
E205	ROOF PLAN - ELECTRICAL
E301 E405	ONE-LINE RISER DIAGRAM FIRE ALARM RISER & DETAILS

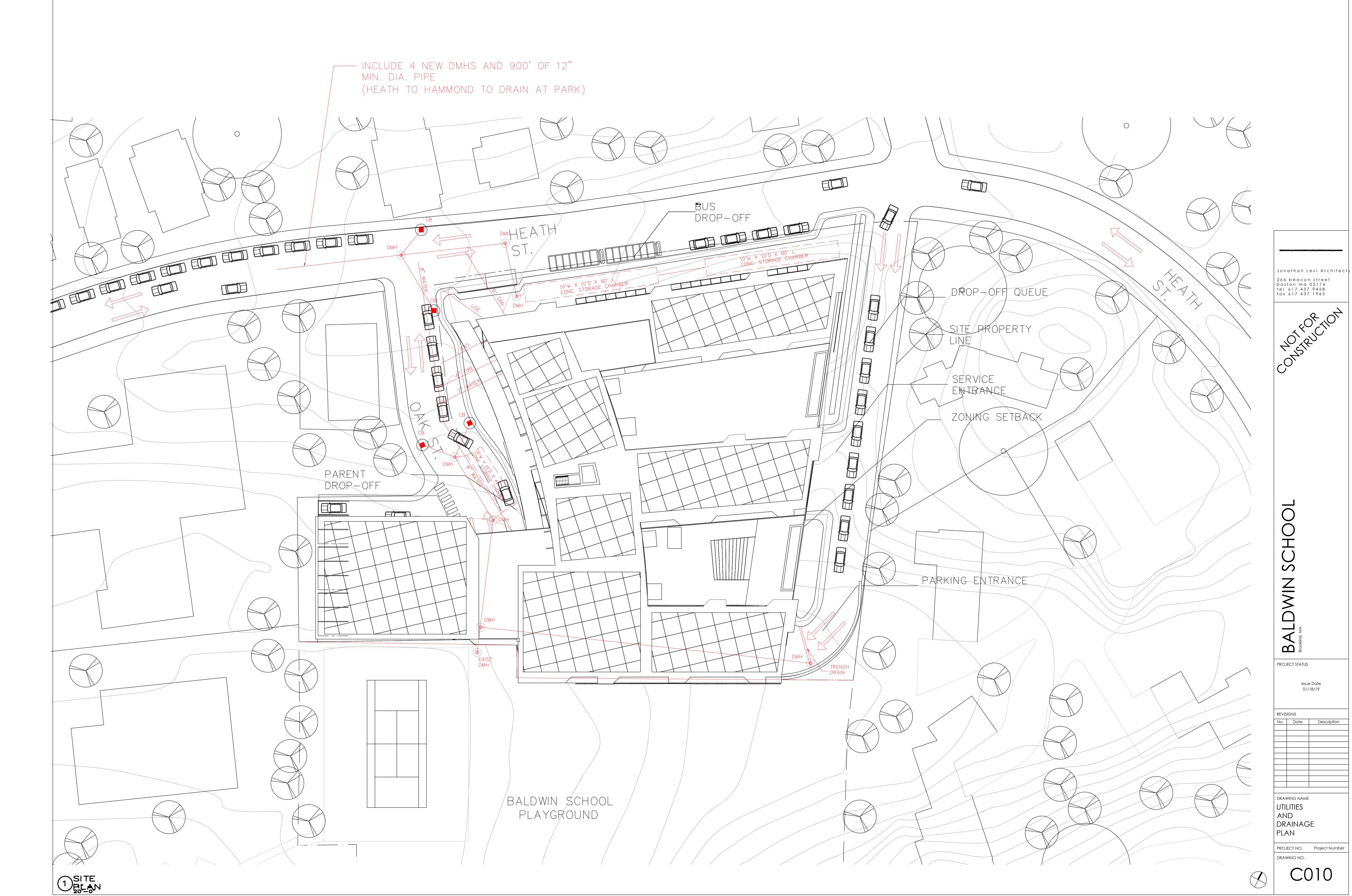
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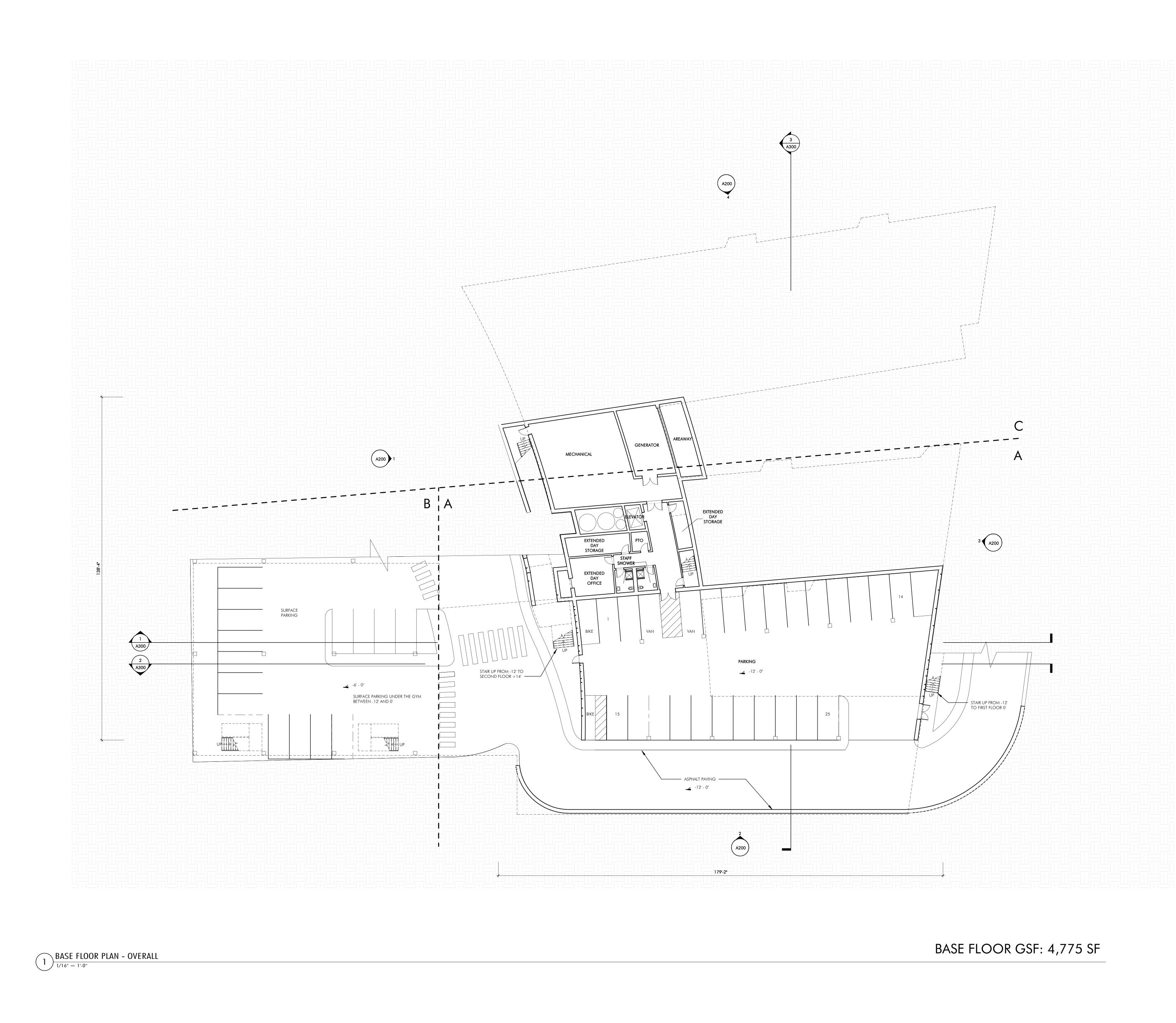
SCHEMATIC DESIGN

Brooklin 490 Heath Street, 484

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INTERIOR FINISHES

-FLOOR – 12" X 12" 1/3 RUNNING BOND VCT [TYP VCT B.O.D.: ARMSTRONG STONETEX] -BASE - 12" VCT WITH SCHLUTER TOP EDGE WHERE EXPOSED -LOWER WALL (30"-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/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'-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-36"WX27"H (4) PER CLASSROOM; SHELVING AT EXTERIOR WALL-(4) ADJUSTABLE SHELVES-MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/BLOCKING AND ¾" X ¾" HD WD EDGE, FINISHED SHELF SIDE JAMB PANELS-PLAM ANGLED LIGHT REFLECTORS W/ 3/4" 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 BACKSPLASH-SOLID EPOXY ON EXPOSED BRACKETS; MOBILE STORAGE- 36"WX27"H (6) PER CLASSROOM; PLAM UPPER CABINETS ABOVE COUNTERS -OPERABLE PARITIONS 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

SHELVING-FULL WIDTH-(5) ADJUSTABLE SHELVES-MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/BLOCKING AND 3/4" X 3/4" HD WD EDGE - DOOR TO CORRIDOR - 36"X102" BIRCH FULL LITE SOLID CORE WITH SLIDING BARN-DOOR HDWARE MUSIC AREAS :

METAL PANEL CEILING AT BAND/CHORUS [B.O.D. USG GEOMETRIX] 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 TILE -CEILING AT CORRIDORS – SUSPENDED ACT LAY-IN 1/3 RUNNING BOND GRID PATTERN -INTERIOR GLAZING - (12"-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. GRADIATED PATTERN GLAZING AT TEACHER PLANNING ROOMS. -MILLWORK- 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 WD VENEER FINISH PANELS AT SIDES AND BACK, ANGLED P.LAM 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 [TYP VCT B.O.D.: ARMSTRONG STONETEX] -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/ ADJUSATBLE SHELVING, PLAM COUNTER

W/HD WD EDGE; TACKABLE SURFACE BACKSPLASH; (5) ADJUSTABLE SHELVES AT OFFICES (TYP)-MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/BLOCKING AND 34" X 34" 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' & 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 98"- 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

CEILINGS: -ACT IN BACK OF HOUSE AREAS, LOCKER ROOMS & KITCHEN

GENERAL: -CLASSROOM LOCKERS 15"Wx12"Dx36"H W/ANGLED TOP – PHENOLIC W/PLAM FINISH AND WD

VENEER 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 DOORS WITH LITES AND GLAZED PARTITIONS -ROLLER SHADE AT SOUTH EXTERIOR WINDOWS -MILLWORK PLAM – WD GRAIN 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

ACADEMIC AREAS: CLASSROOMS, SCIENCE, MEDIA, ART, MUSIC, VOCATIONAL, SPED

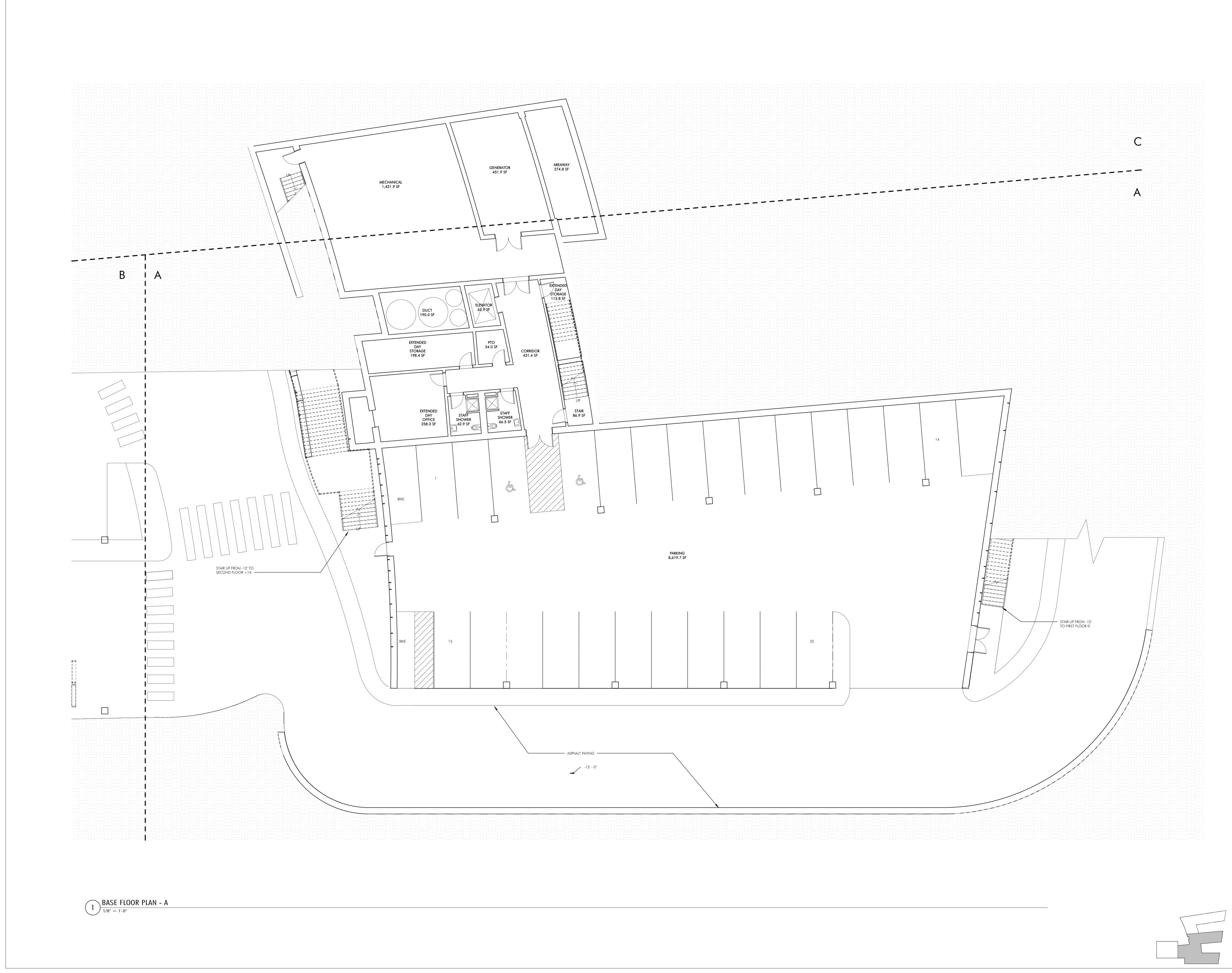
-MILLWORK: PLAM COUNTERS W/ 3" HD WD EDGE AND CONCEALED STEEL BRACKETS; REAR WALL

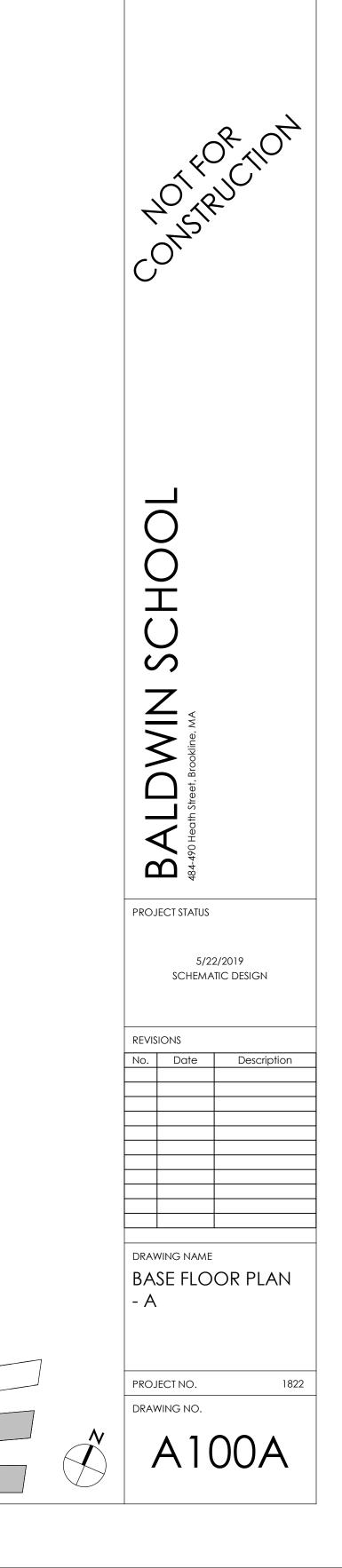
-WALLS AT PRACTICE ROOMS AND DOUBLE HIGH BAND SPACE – FABRIC WRAPPED ACOUSTIC PANELS -CEILING- ACT LAY IN TILE 1/3 RUNNING BOND [B.O.D. – ARMSTRONG ULTIMA], 3 DIMENSIONAL





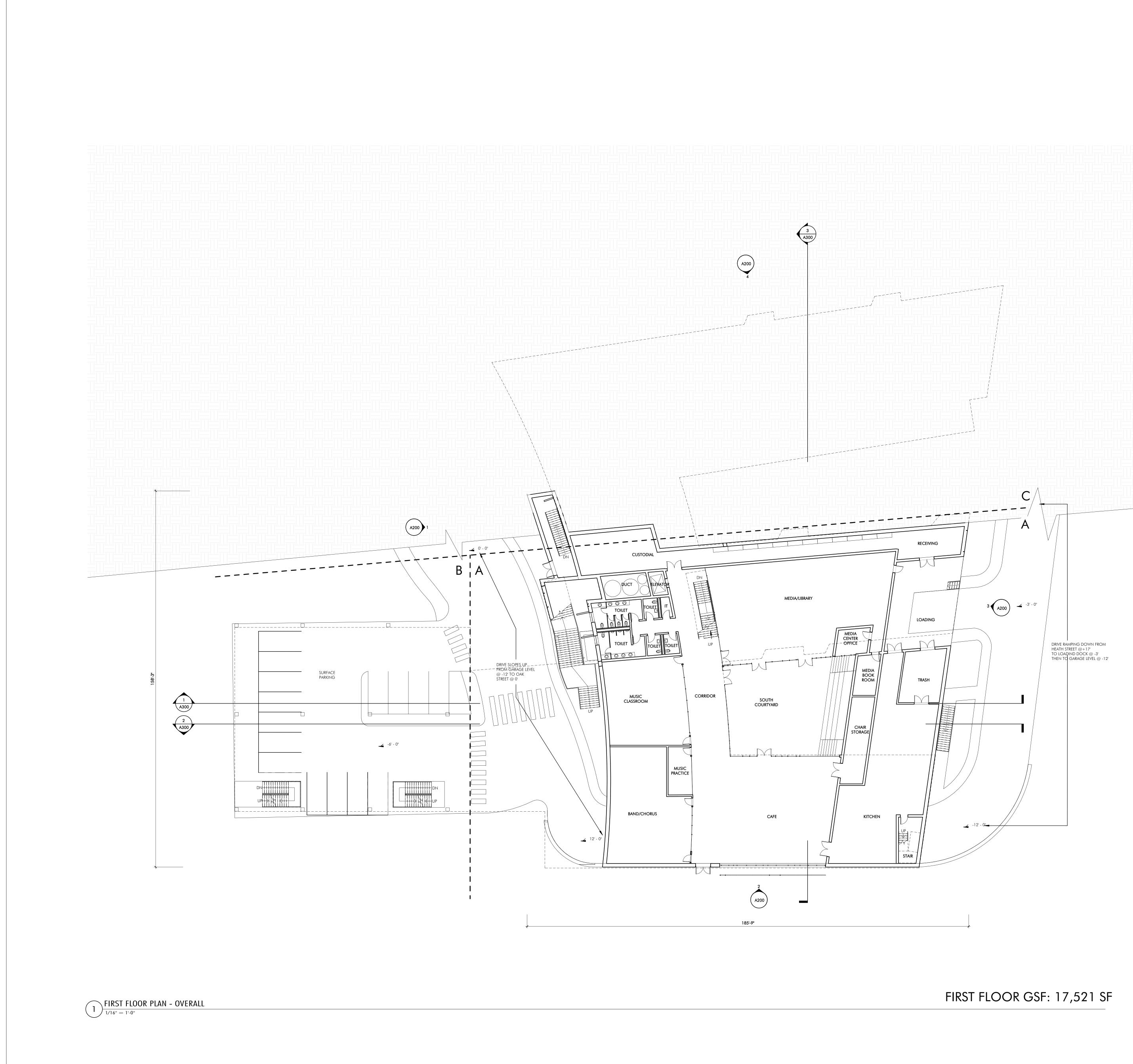






Jonathan Levi Architects

266 beacon street boston ma 02116 tel 617 437 9458 fax 617 437 1965



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 SCHLUTER TOP EDGE WHERE EXPOSED -LOWER WALL (30"-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/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'-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-36"WX27"H (4) PER CLASSROOM; SHELVING AT

STANDARDS W/BLOCKING AND 3/4 X 3/4 HD WD EDGE, FINISHED SHELF SIDE JAMB PANELS-PLAM ANGLED LIGHT REFLECTORS W/ 3/" 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 BACKSPLASH-SOLID EPOXY ON EXPOSED BRACKETS; MOBILE STORAGE- 36"WX27"H (6) PER CLASSROOM; PLAM UPPER CABINETS ABOVE COUNTERS -OPERABLE PARITIONS 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: PLAM 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/BLOCKING AND ¾" X ¾" HD WD EDGE - DOOR TO CORRIDOR - 36"X102" BIRCH FULL LITE SOLID CORE WITH SLIDING BARN-DOOR HDWARE MUSIC AREAS :

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 GEOMETRIX] 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 ¼" 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 - (12"-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. GRADIATED PATTERN GLAZING AT TEACHER PLANNING ROOMS. -MILLWORK- 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 -LOCKERS - SINGLE HER 36" H & 15" W. & 13 PRENOLIC W/PLAW FACE LOCKERS ON 4 PLINTOOD AND VCT TILE BASE, WITH WD VENEER FINISH PANELS AT SIDES AND BACK, ANGLED P.LAM 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 [TYP VCT B.O.D.: ARMSTRONG STONETEX] -BASE - 12" VCT WITH SCHLUTER TOP EDGE WHERE EXPOSED -CEILING AT CORRIDORS – SUSPENDED ACT LAT-IN 173 KUNNING BOND GRID PATTERN [B.O.D. ARMSTRONG OPTIMA] -MILLWORK- PLAM CUSTOM BASE & UPPER CABINETS W/ ADJUSATBLE SHELVING, PLAM COUNTER W/HD WD EDGE; TACKABLE SURFACE BACKSPLASH; (5) ADJUSTABLE SHELVES AT OFFICES (TYP)-MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/BLOCKING AND ¾" X ¾" 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' & 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, -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 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

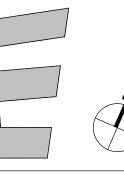
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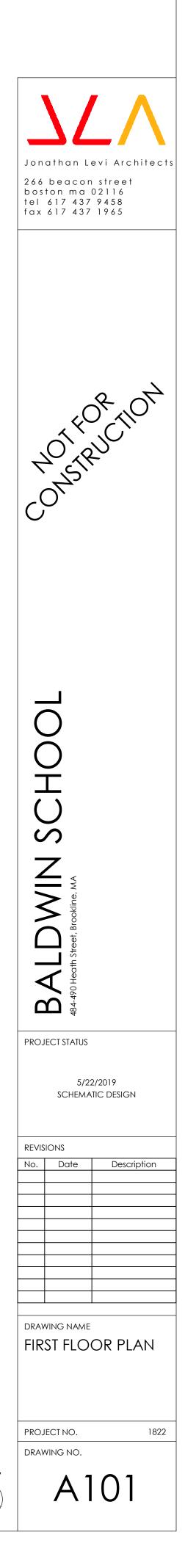
GENERAL: -CLASSROOM LOCKERS 15"Wx12"Dx36"H W/ANGLED TOP – PHENOLIC W/PLAM FINISH AND WD VENEER SIDES AND BACK -ATHLETIC / PE LOCKERS: 50 COUNT PER LOCKER ROOM - METAL 2 TIER 30"H. X 15"W X 15"D -ROLLER SHADE AT DOORS WITH LITES AND GLAZED PARTITIONS -ROLLER SHADE AT SOUTH EXTERIOR WINDOWS -MILLWORK PLAM - WD GRAIN PLAM FINISH -2"MAXXON TOPPING SLAB-ACOUSTIC AT FLOORS 2, 3, 4

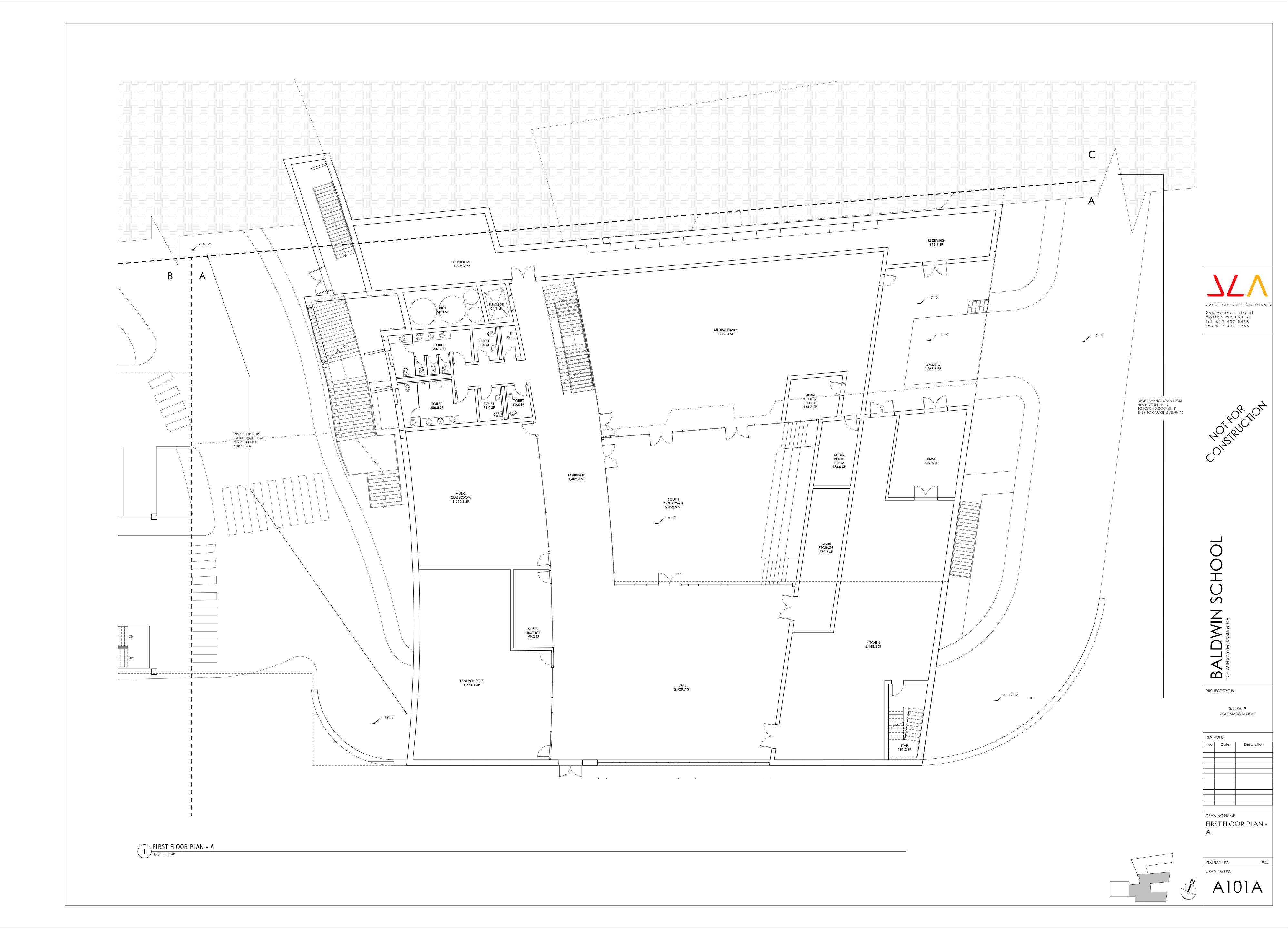
TECH/ FIXTURES/ FURNISHINGS ACADEMIC AREAS: -OPERABLE WINDOWS

-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

EXTERIOR WALL-(4) ADJUSTABLE SHELVES-MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE

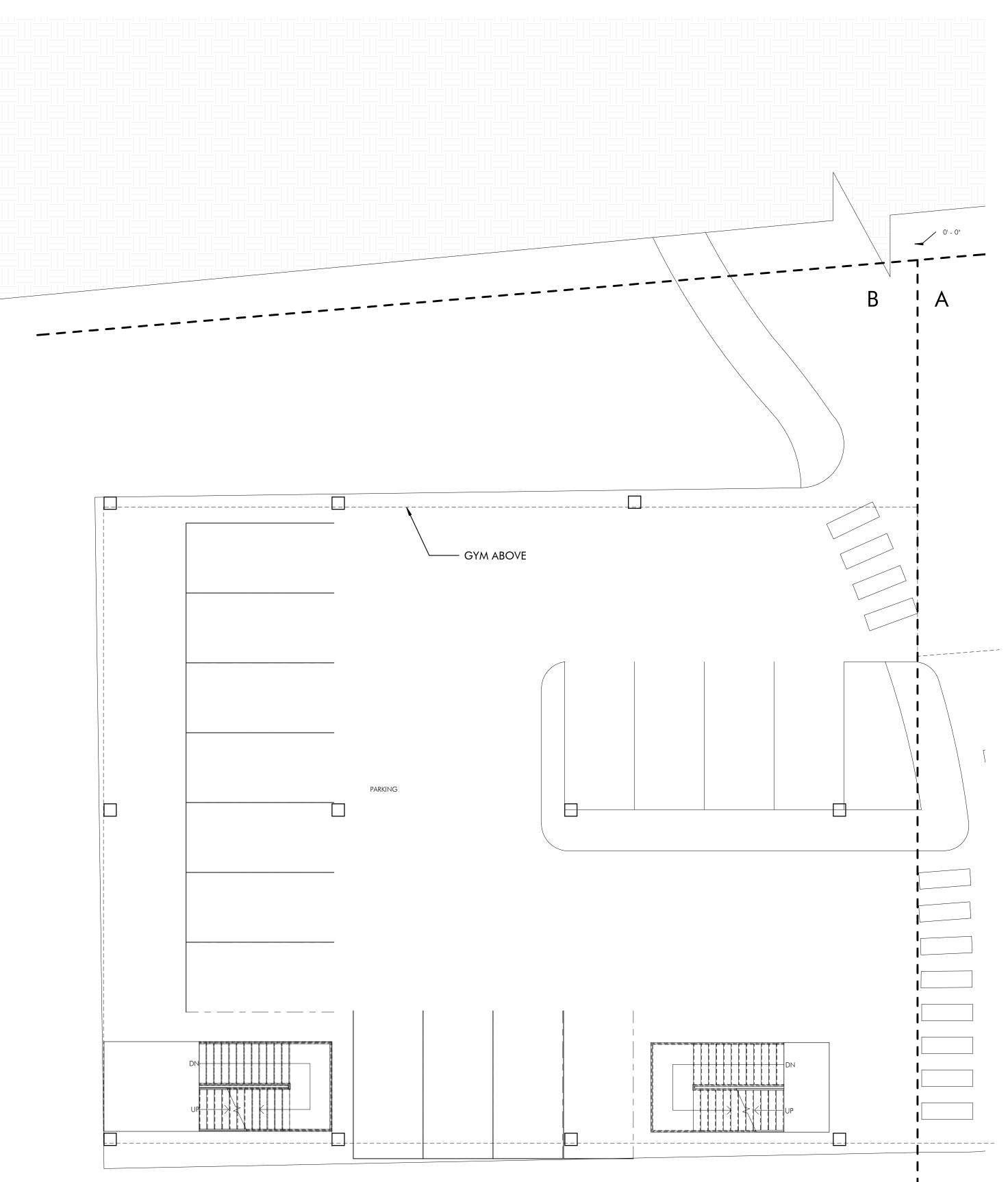


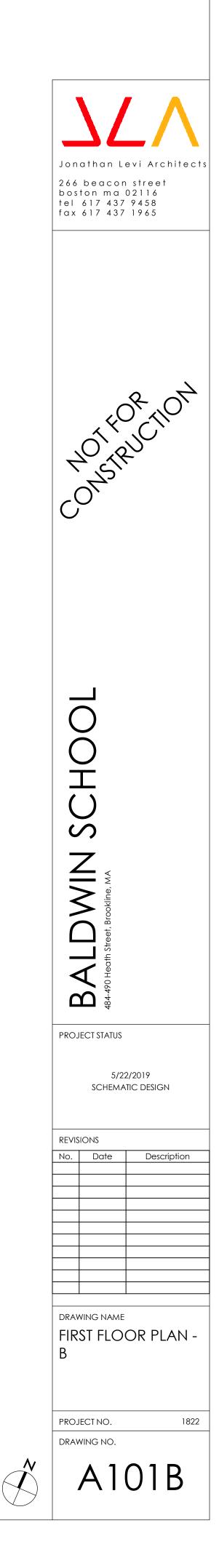


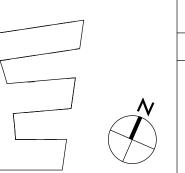


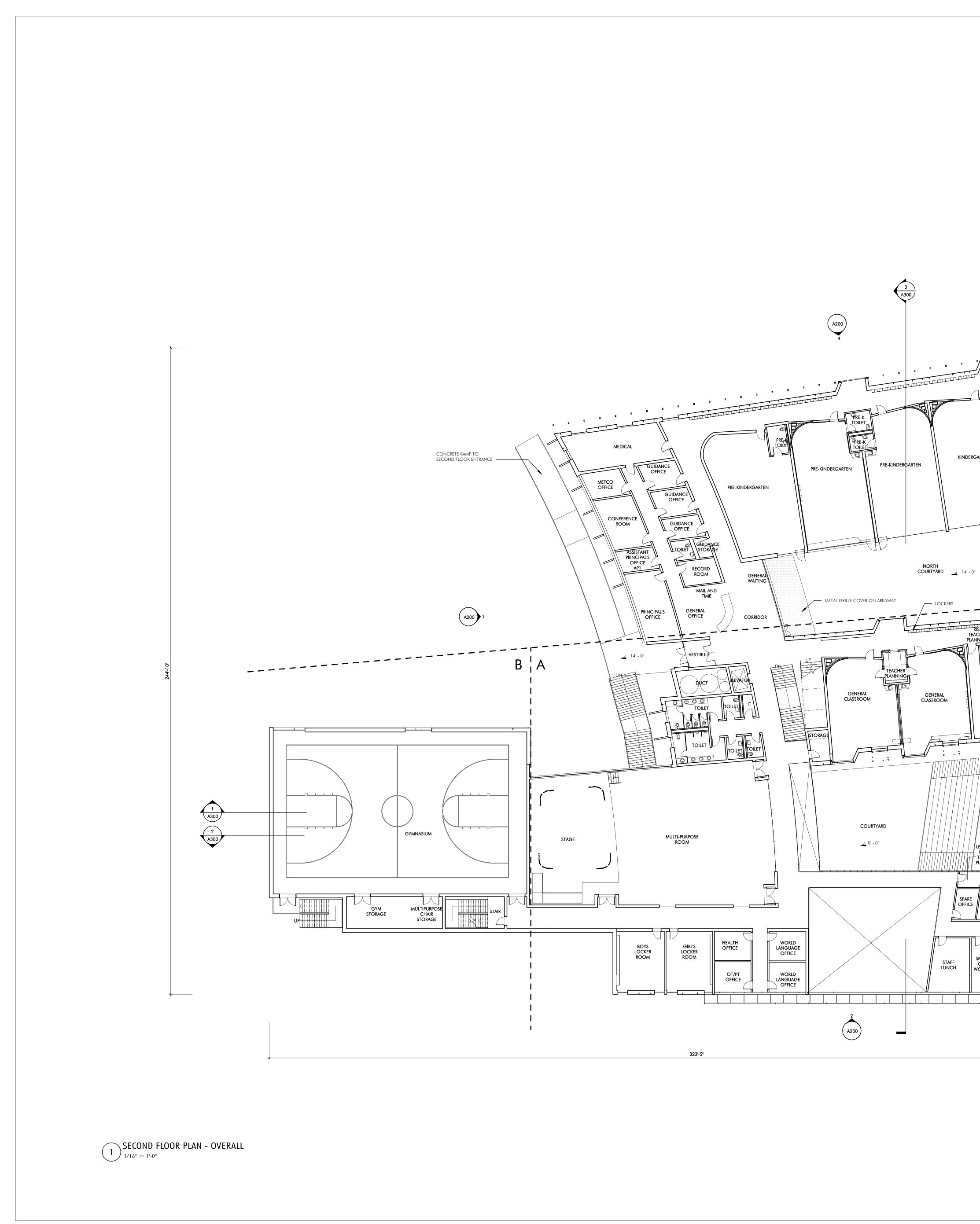
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\bigcup	1/8" = 1'-0"	









SPECIAL FACILITATOR K TOILET STAIR KINDERGARTEN KINDERGARTEN _ _ _ _ RISE DE-ESCALATION TEACHER ROOM PROJECT AREA RISE STAIR CLASSROOM A200 : .: EGRESS BALCONY 14' - 0" _____ LEARNING CENTER TEACHER PLANNING LEARNING CENTER SPECIALIST COLLAB. WORKSPACE STAIR

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 SCHLUTER TOP EDGE WHERE EXPOSED -LOWER WALL (30"-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/BUMPER - SINGLE LAYER 3/4" P.LAM WITH HD WD TOP MARKER TRAY AND BOTTOM EDGE. 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'-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-36"WX27"H (4) PER CLASSROOM; SHELVING AT EXTERIOR WALL-(4) ADJUSTABLE SHELVES-MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/BLOCKING AND 3/4" X 3/4" HD WD EDGE, FINISHED SHELF SIDE JAMB PANELS-PLAM ANGLED LIGHT REFLECTORS W/ 3/4" 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 BACKSPLASH-SOLID EPOXY ON EXPOSED BRACKETS; MOBILE STORAGE- 36"WX27"H (6) PER CLASSROOM; PLAM UPPER CABINETS ABOVE COUNTERS -OPERABLE PARITIONS 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: PLAM 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/BLOCKING AND 3/" X 3/" HD WD EDGE DOOR TO CORPLORE - 24/11/01 RIPCH EILUL UTE SOUD CODE WITH SUIDING BABN DOOR HDWARE

- DOOR TO CORRIDOR - 36"X102" BIRCH FULL LITE SOLID CORE WITH SLIDING BARN-DOOR HDWARE MUSIC AREAS : 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 GEOMETRIX] 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 ¼" SUBSTRATE OVER GWB PARTITION. -FLOORS- 12" X 12" 1/3 RUNNING BOND VCT TILE

-FLOORS- 12" X 12" 1/3 KUNNING BOND VCT TILE -CEILING AT CORRIDORS – SUSPENDED ACT LAY-IN 1/3 RUNNING BOND GRID PATTERN -INTERIOR GLAZING - (12"-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. GRADIATED PATTERN GLAZING AT TEACHER PLANNING ROOMS. -MILLWORK- WD CANTELEVERED BENCHES AT CLASSROOM GLAZED PARTITIONS, CONCEALED STL BRACKETS 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 VENEER FINISH PANELS AT SIDES AND BACK, ANGLED P.LAM 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 [TYP VCT B.O.D.: ARMSTRONG STONETEX] -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 OPTIMAJ -MILLWORK- PLAM CUSTOM BASE & UPPER CABINETS W/ ADJUSATBLE SHELVING, PLAM COUNTER W/HD WD EDGE; TACKABLE SURFACE BACKSPLASH; (5) ADJUSTABLE SHELVING, TEW COUNTER W/HD WD EDGE; TACKABLE SURFACE BACKSPLASH; (5) ADJUSTABLE SHELVES AT OFFICES (TYP)-MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/BLOCKING AND ¾" X ¾" 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' & 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

-BLEACHERS- TELESCOPING, WALL MOUNTED, MOTORIZED FOR UP TO 750 SEATS TOILET ROOMS: -FLOOR- PORCELAIN TILE -BASE- METAL COVE BASE COATING

-WALLS TO 98"- CERAMIC TILE, W/ ACCENT COLOR. PTD GWB ABOVE W/HIGH PERFORMANCE -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

CEILINGS: -ACT IN BACK OF HOUSE AREAS, LOCKER ROOMS & KITCHEN GENERAL: -CLASSROOM LOCKERS 15"Wx12"Dx36"H W/ANGLED TOP – PHENOLIC W/PLAM FINISH AND WD

-CLASSICOUM LOCKERS TO THE 2 DOG THE WATCHED TO THE THE TOLD WITH THE WATCHED TO THE VENEER 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 DOORS WITH LITES AND GLAZED PARTITIONS -ROLLER SHADE AT SOUTH EXTERIOR WINDOWS -MILLWORK PLAM - WD GRAIN PLAM FINISH -2"MAXXON TOPPING SLAB-ACOUSTIC AT FLOORS 2, 3, 4

TECH/ FIXTURES/ FURNISHINGS ACADEMIC AREAS: -OPERABLE WINDOWS -LOW VOLUME DISPLACEMENT VENTILATION

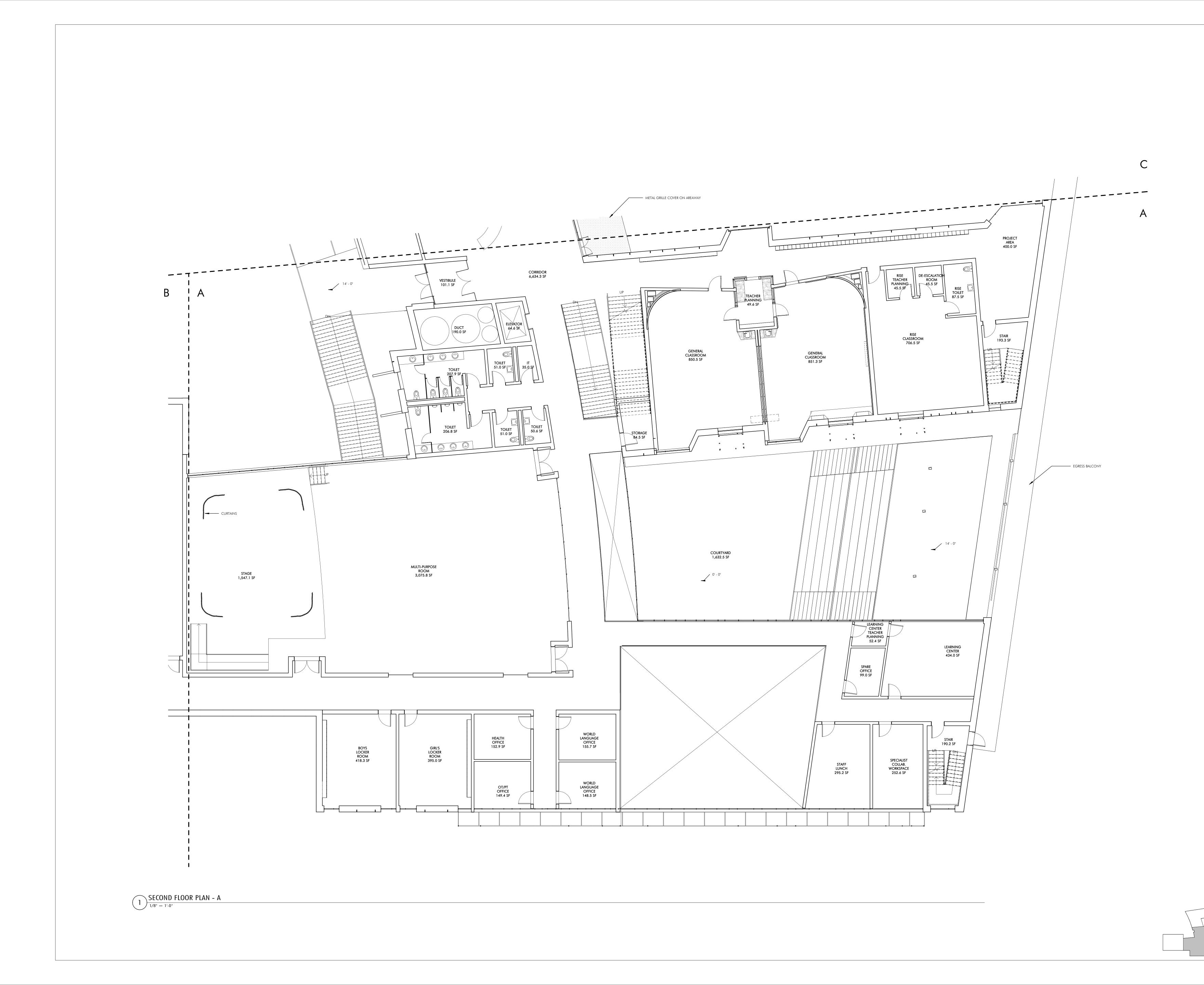
-INDIRECT LED COVE LIGHTING -PAGING SYSTEM, WIRELESS DATA INTERCOM, CLOCK SYSTEM, -SOUND LIFT SYSTEM, WIRELESS ACCESS POINT, LED TOUCH SCREEN MONITOR

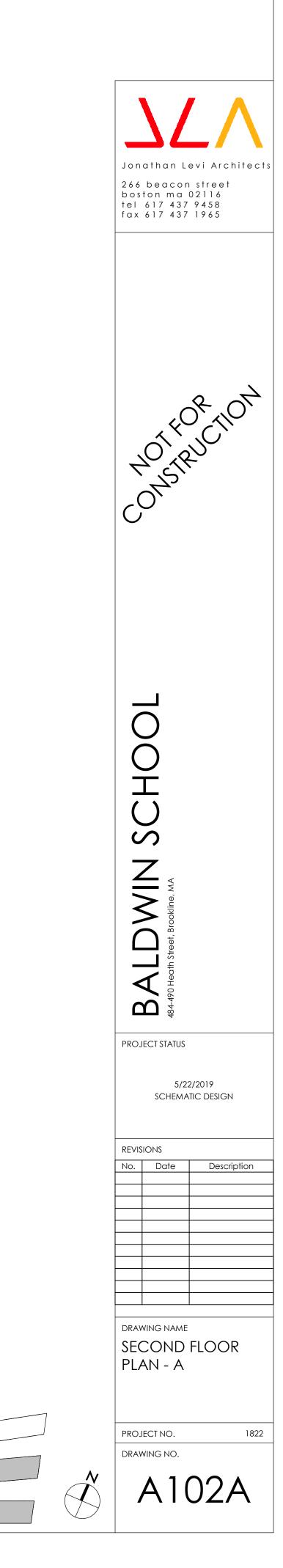
SECOND FLOOR GSF: 38,119 SF

-CEILING – SUSPENDED LAY IN PRE PAINTED TEGULAR EDGE TECTUM PLANK AND EXPOSED DECK,



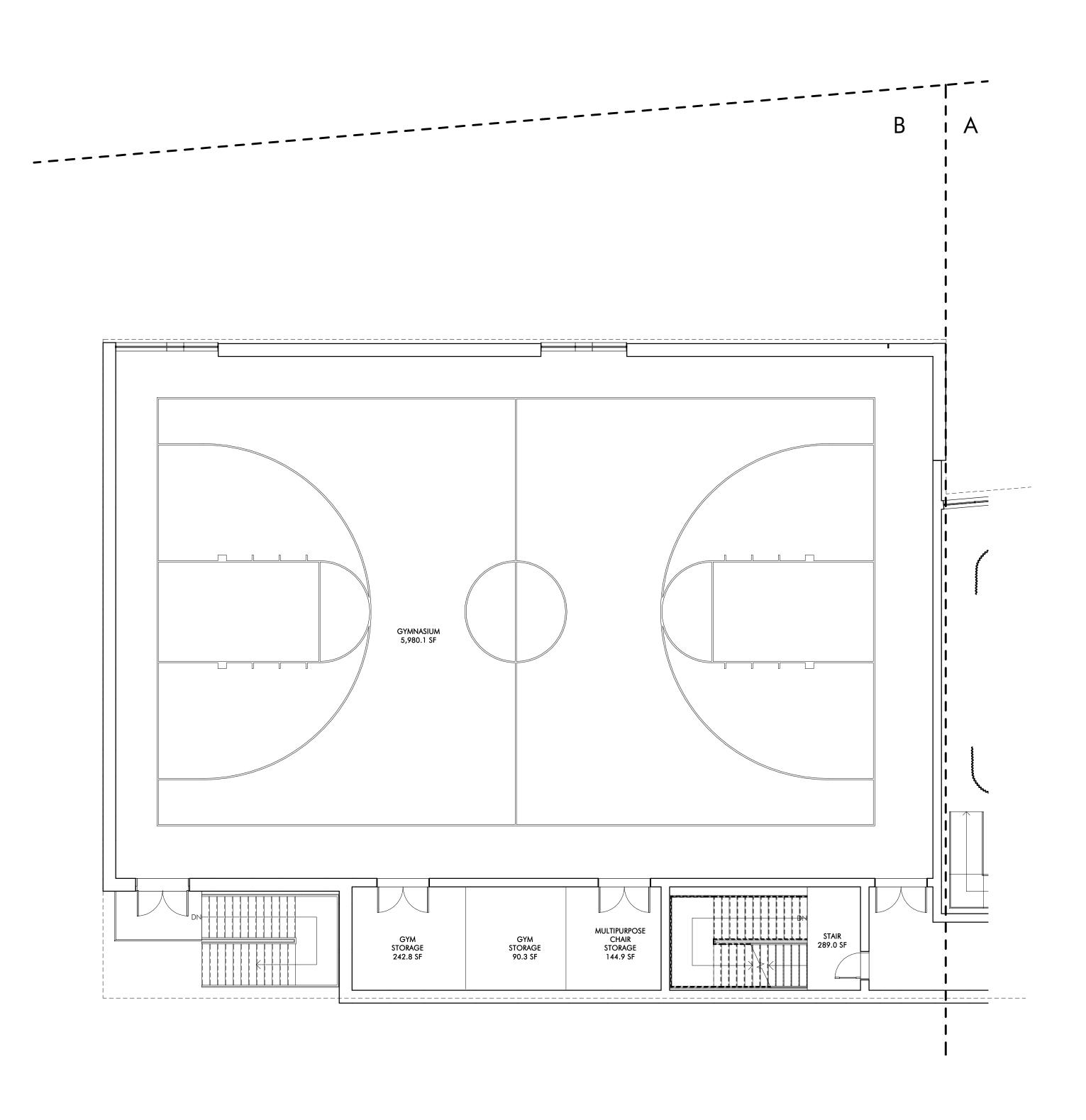




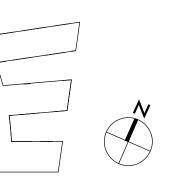


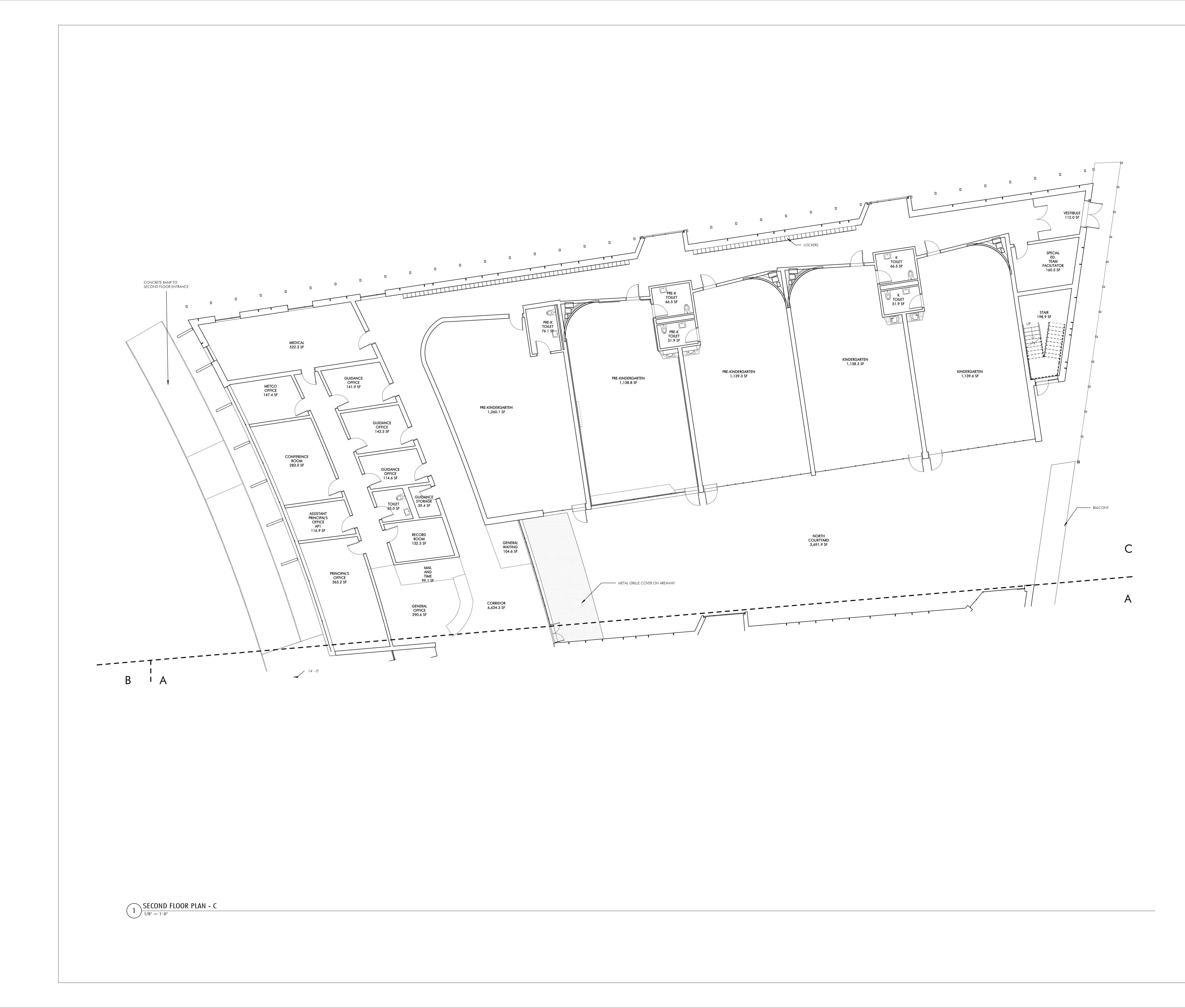


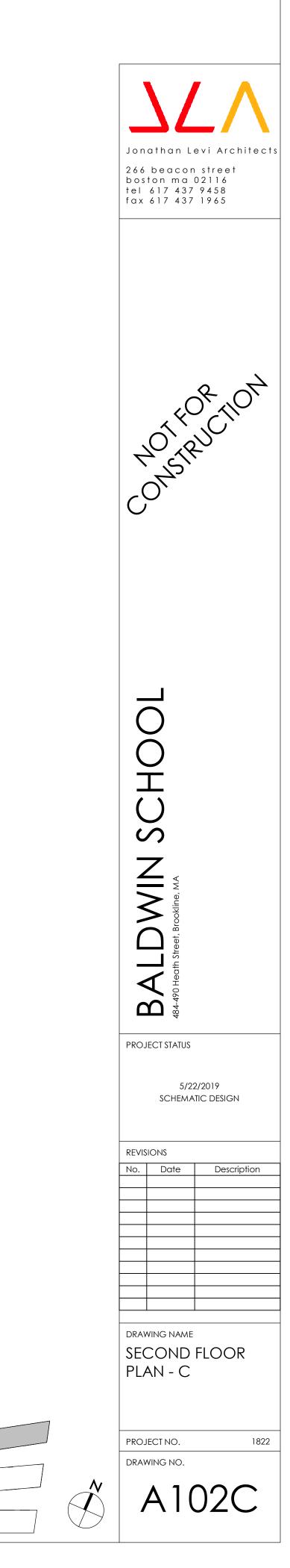
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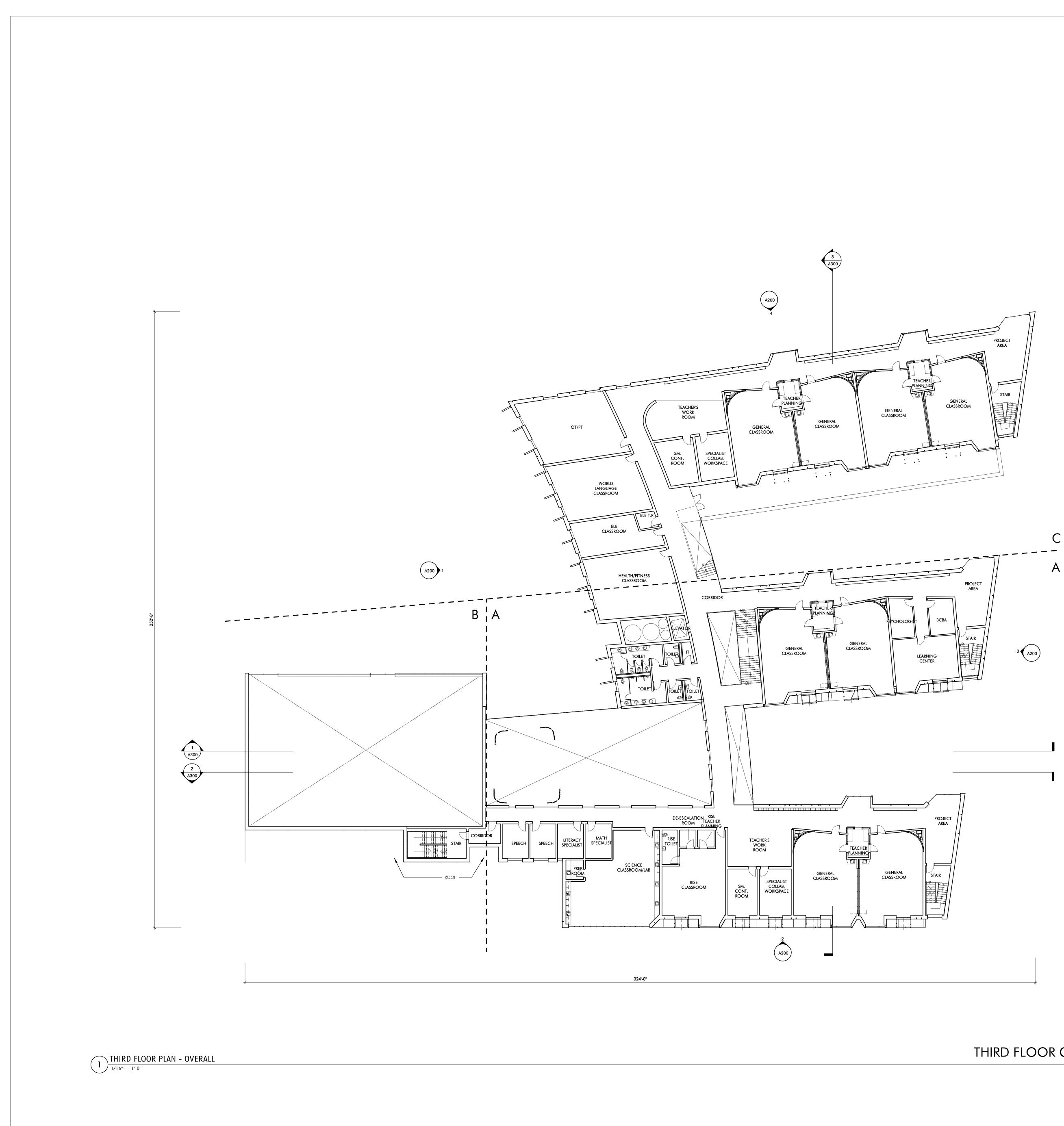












THIRD FLOOR GSF: 28,832 SF

INTERIOR FINISHES

- -FLOOR 12" X 12" 1/3 RUNNING BOND VCT [TYP VCT B.O.D.: ARMSTRONG STONETEX] -BASE - 12" VCT WITH SCHLUTER TOP EDGE WHERE EXPOSED -LOWER WALL (30"-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/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'-0" WIDE X 6" HIGH
- EXTERIOR WALL-(4) ADJUSTABLE SHELVES-MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/BLOCKING AND ¾" X ¾" HD WD EDGE, FINISHED SHELF SIDE JAMB PANELS-PLAM ANGLED LIGHT REFLECTORS W/ 3/4" 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 BACKSPLASH-SOLID EPOXY ON EXPOSED BRACKETS; MOBILE STORAGE- 36"WX27"H (6) PER CLASSROOM; PLAM UPPER CABINETS ABOVE COUNTERS
- 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
- -MILLWORK: PLAM 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/BLOCKING AND 34" X 34" HD WD EDGE - DOOR TO CORRIDOR - 36"X102" BIRCH FULL LITE SOLID CORE WITH SLIDING BARN-DOOR HDWARE MUSIC AREAS :

-CEILING-ACT LAY IN TILE IN 1/3 RUNNING BOND GRID PATTERN

- 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 GEOMETRIX] 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 ¼" 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 - (12"-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. GRADIATED PATTERN GLAZING AT TEACHER PLANNING ROOMS. -MILLWORK- 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
- 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 [TYP VCT B.O.D.: ARMSTRONG STONETEX] -BASE - 12" VCT WITH SCHLUTER TOP EDGE WHERE EXPOSED -WALLS- PTD GWB
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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' & 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, -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 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

CEILINGS -ACT IN BACK OF HOUSE AREAS, LOCKER ROOMS & KITCHEN

GENERAL: -CLASSROOM LOCKERS 15"Wx12"Dx36"H W/ANGLED TOP – PHENOLIC W/PLAM FINISH AND WD VENEER 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 DOORS WITH LITES AND GLAZED PARTITIONS -ROLLER SHADE AT SOUTH EXTERIOR WINDOWS -MILLWORK PLAM – WD GRAIN 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

ACADEMIC AREAS: CLASSROOMS, SCIENCE, MEDIA, ART, MUSIC, VOCATIONAL, SPED

-MILLWORK AT TYP CLASSROOMS: 30" DEEP P.LAM COUNTER AT EXTERIOR WALL W/ EXPOSED BRACKETS, FLIP TOP AT WINDOW; MOBILE STORAGE-36"WX27"H (4) PER CLASSROOM; SHELVING AT -OPERABLE PARITIONS BETWEEN CLASSROOM PAIR, MAGNETIC WRITABLE SURFACE BOTH SIDES

AND VCT TILE BASE, WITH WD VENEER FINISH PANELS AT SIDES AND BACK, ANGLED P.LAM TOP WITH

-CEILING AT CORRIDORS – SUSPENDED ACT LAY-IN 1/3 RUNNING BOND GRID PATTERN [B.O.D.

Jonathan Levi Architects

266 beacon street

boston ma 02116

tel 617 437 9458

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REVISIONS

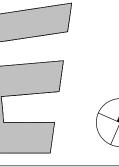
PROJECT STATUS

5/22/2019

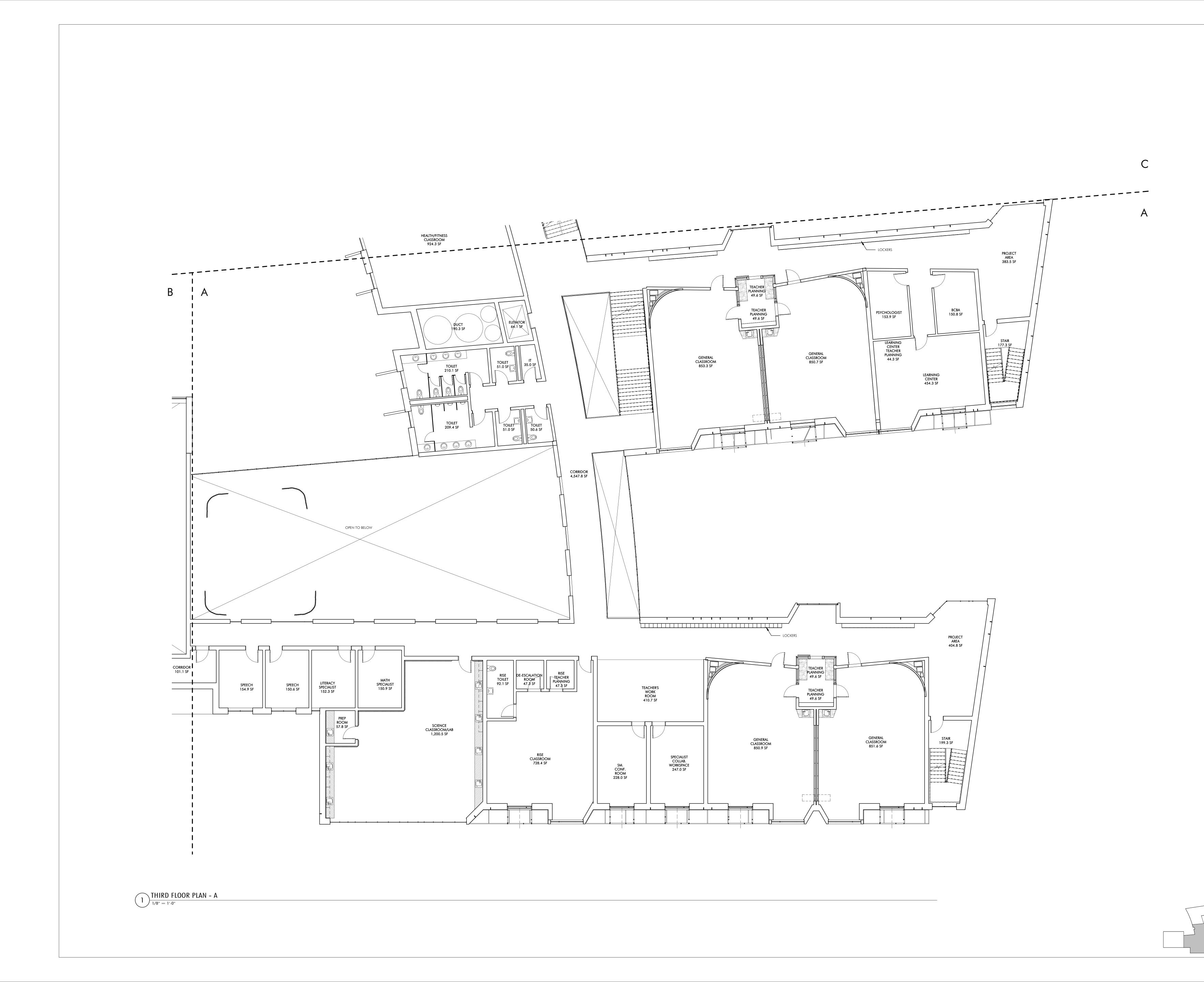
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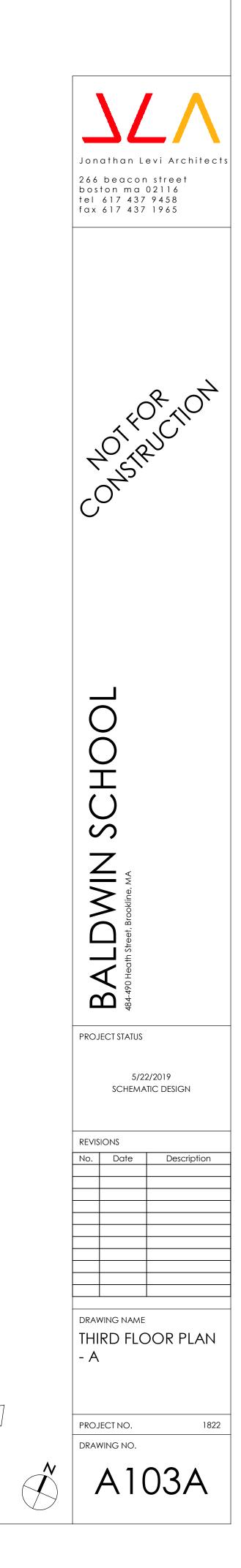
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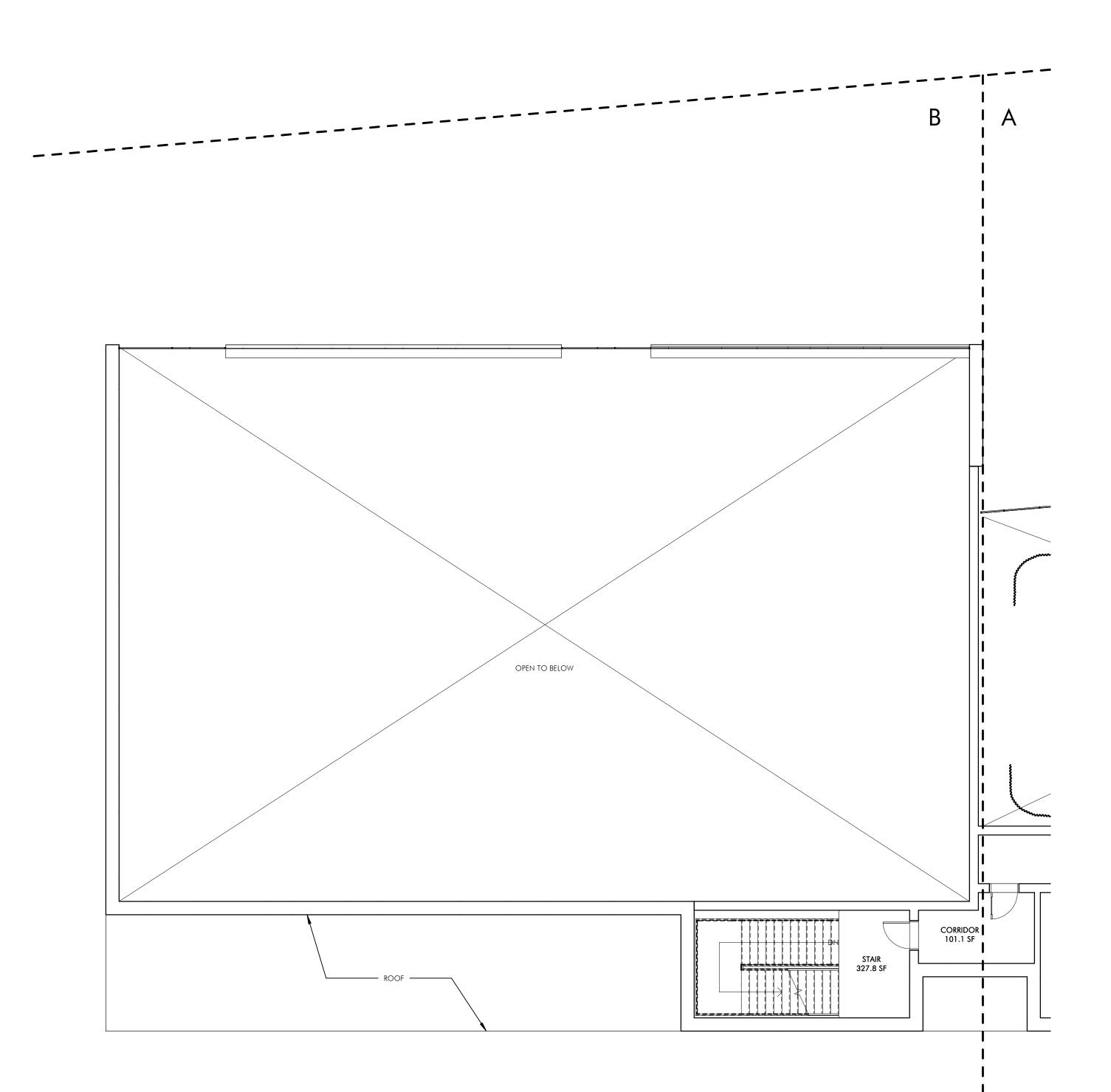
DRAWING NAME THIRD FLOOR PLAN PROJECT NO. 1822 DRAWING NO. A103



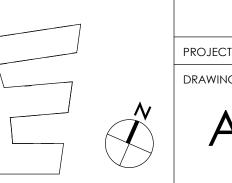


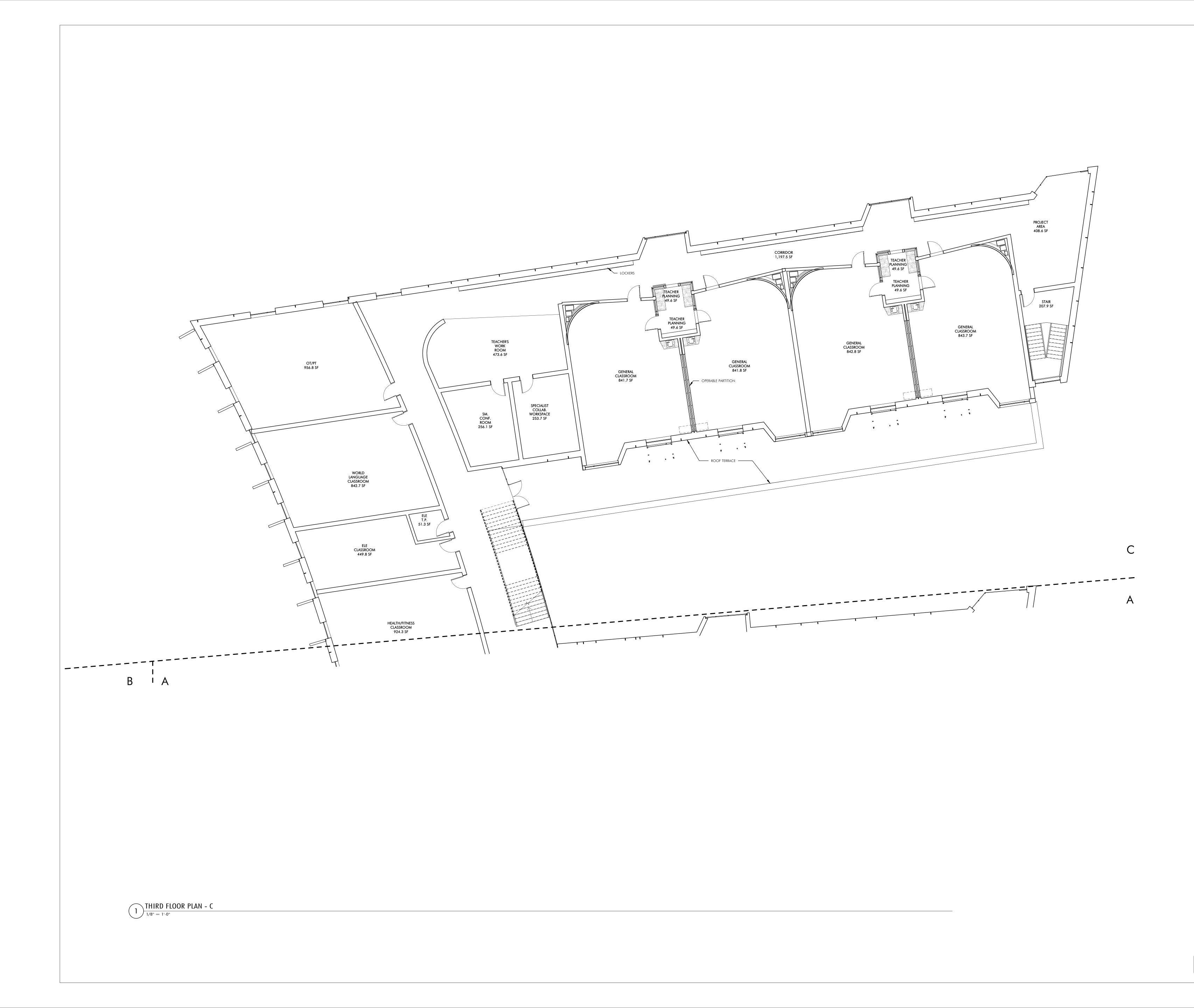


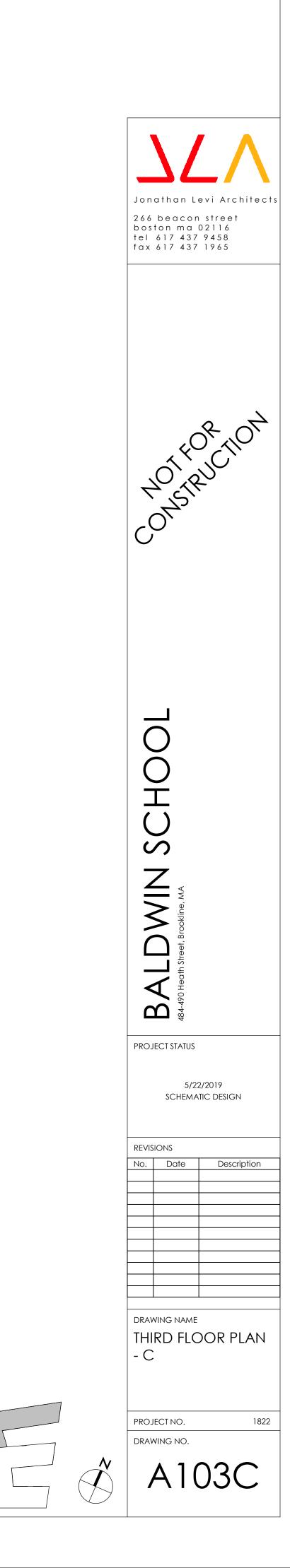
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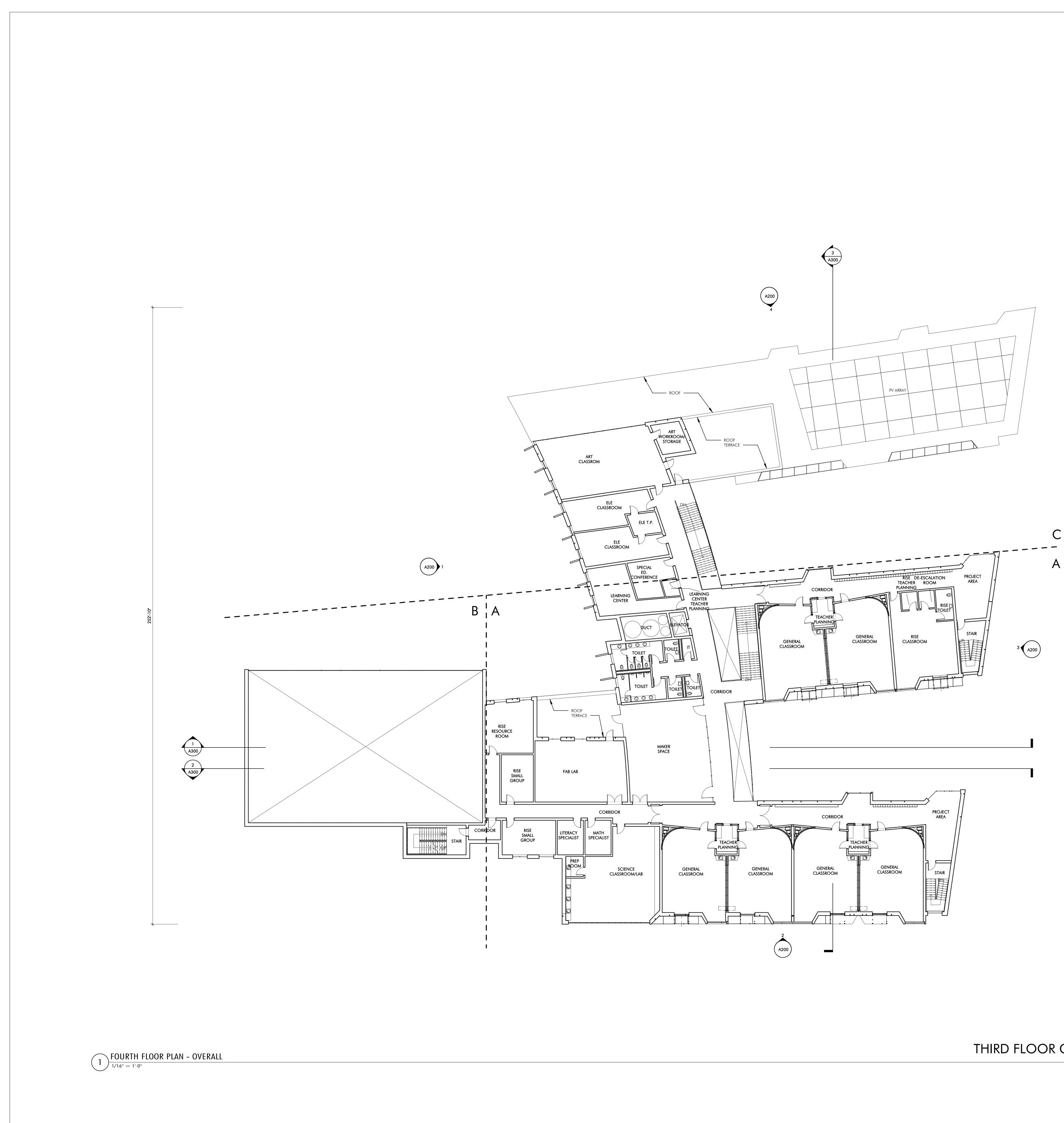












THIRD FLOOR GSF: 23,528 SF

INTERIOR FINISHES

-BASE - 12" VCT WITH SCHLUTER TOP EDGE

-BASE - 12" VCT WITH SCHLUTER TOP EDGE WHERE EXPOSED -LOWER WALL (30"-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/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'-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-36"WX27"H (4) PER CLASSROOM; SHELVING AT EXTERIOR WALL-(4) ADJUSTABLE SHELVES-MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/BLOCKING AND 34" X 34" HD WD EDGE, FINISHED SHELF SIDE JAMB PANELS-PLAM ANGLED LIGHT REFLECTORS W/ 3/4" 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 BACKSPLASH-SOLID EPOXY

ABOVE COUNTERS -OPERABLE PARITIONS 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

-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-(5) ADJUSTABLE SHELVES-MELAMINE W/CUSTOM COLOR BRACKETS ON SURFACE STANDARDS W/BLOCKING AND 3/4" X 3/4" HD WD EDGE - DOOR TO CORRIDOR - 36"X102" BIRCH FULL LITE SOLID CORE WITH SLIDING BARN-DOOR HDWARE MUSIC AREAS :

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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 [TYP VCT B.O.D.: ARMSTRONG STONETEX] -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]

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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 COUNTERS WITH CONCEALED STEEL BRACKETS

OTHER ROOMS:

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WALLS -FIBER REINFORCED PANELS IN KITCHEN -INTERIOR GLAZING TO BE CHANNEL GLAZING NOT HM

CEILINGS: -ACT IN BACK OF HOUSE AREAS, LOCKER ROOMS & KITCHEN

GENERAL: -CLASSROOM LOCKERS 15"Wx12"Dx36"H W/ANGLED TOP – PHENOLIC W/PLAM FINISH AND WD VENEER 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 DOORS WITH LITES AND GLAZED PARTITIONS -ROLLER SHADE AT SOUTH EXTERIOR WINDOWS -MILLWORK PLAM – WD GRAIN 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,

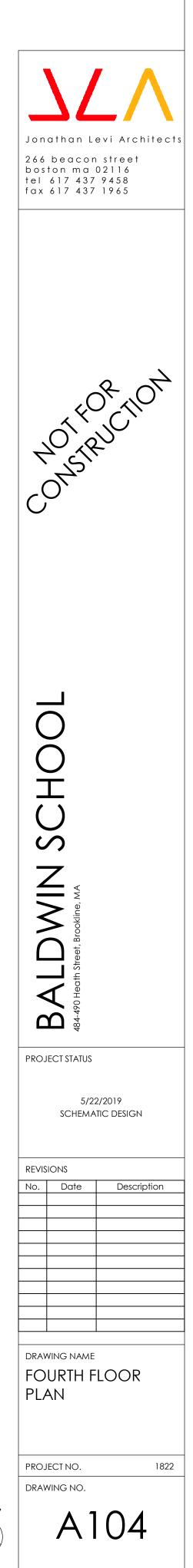
ACADEMIC AREAS: CLASSROOMS, SCIENCE, MEDIA, ART, MUSIC, VOCATIONAL, SPED -FLOOR – 12" X 12" 1/3 RUNNING BOND VCT [TYP VCT B.O.D.: ARMSTRONG STONETEX]

ON EXPOSED BRACKETS; MOBILE STORAGE- 36"WX27"H (6) PER CLASSROOM; PLAM UPPER CABINETS

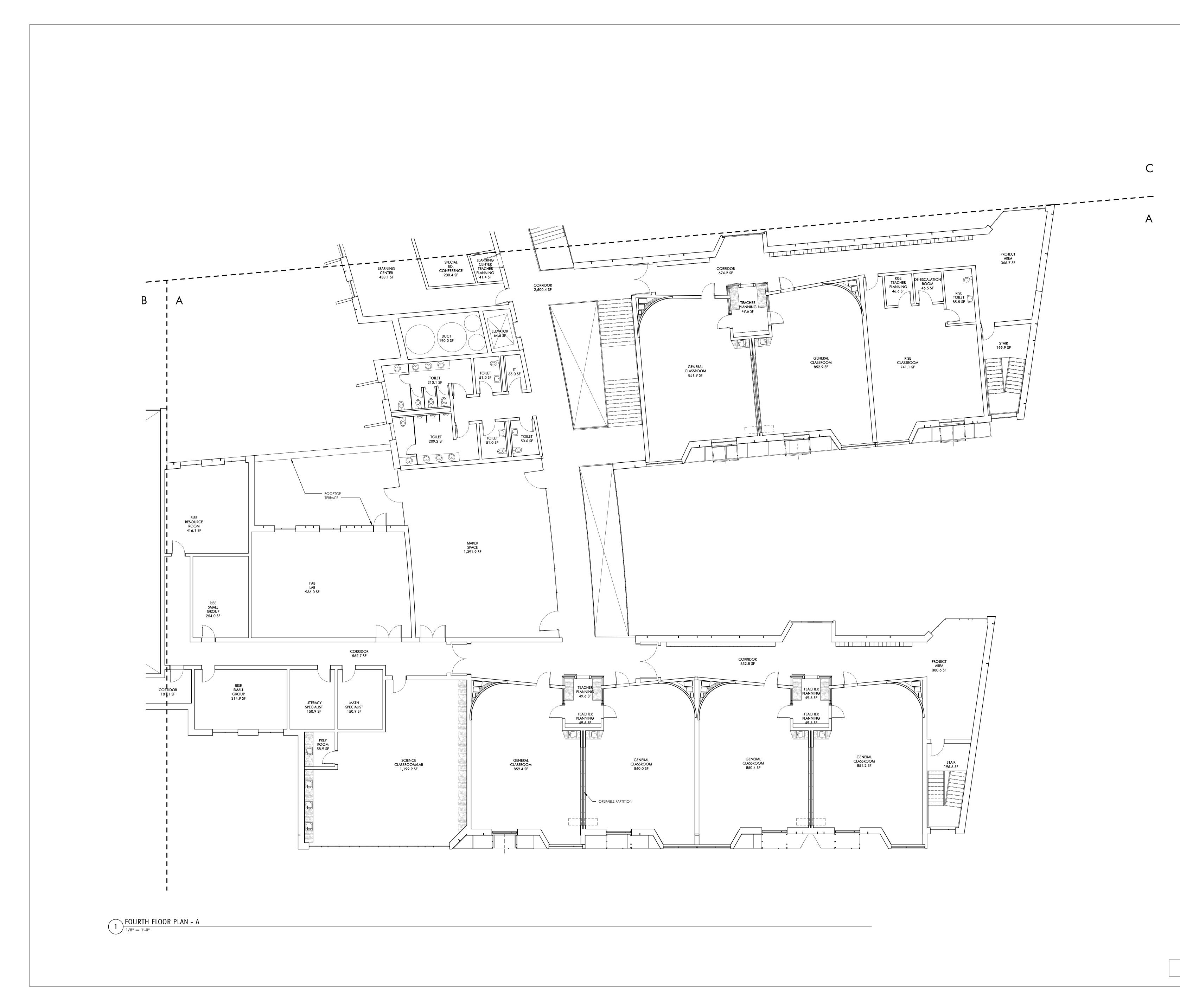
-WALLS AT PRACTICE ROOMS AND DOUBLE HIGH BAND SPACE – FABRIC WRAPPED ACOUSTIC PANELS

-BLEACHERS- TELESCOPING, WALL MOUNTED, MOTORIZED FOR UP TO 750 SEATS

-SOUND LIFT SYSTEM, WIRELESS ACCESS POINT, LED TOUCH SCREEN MONITOR



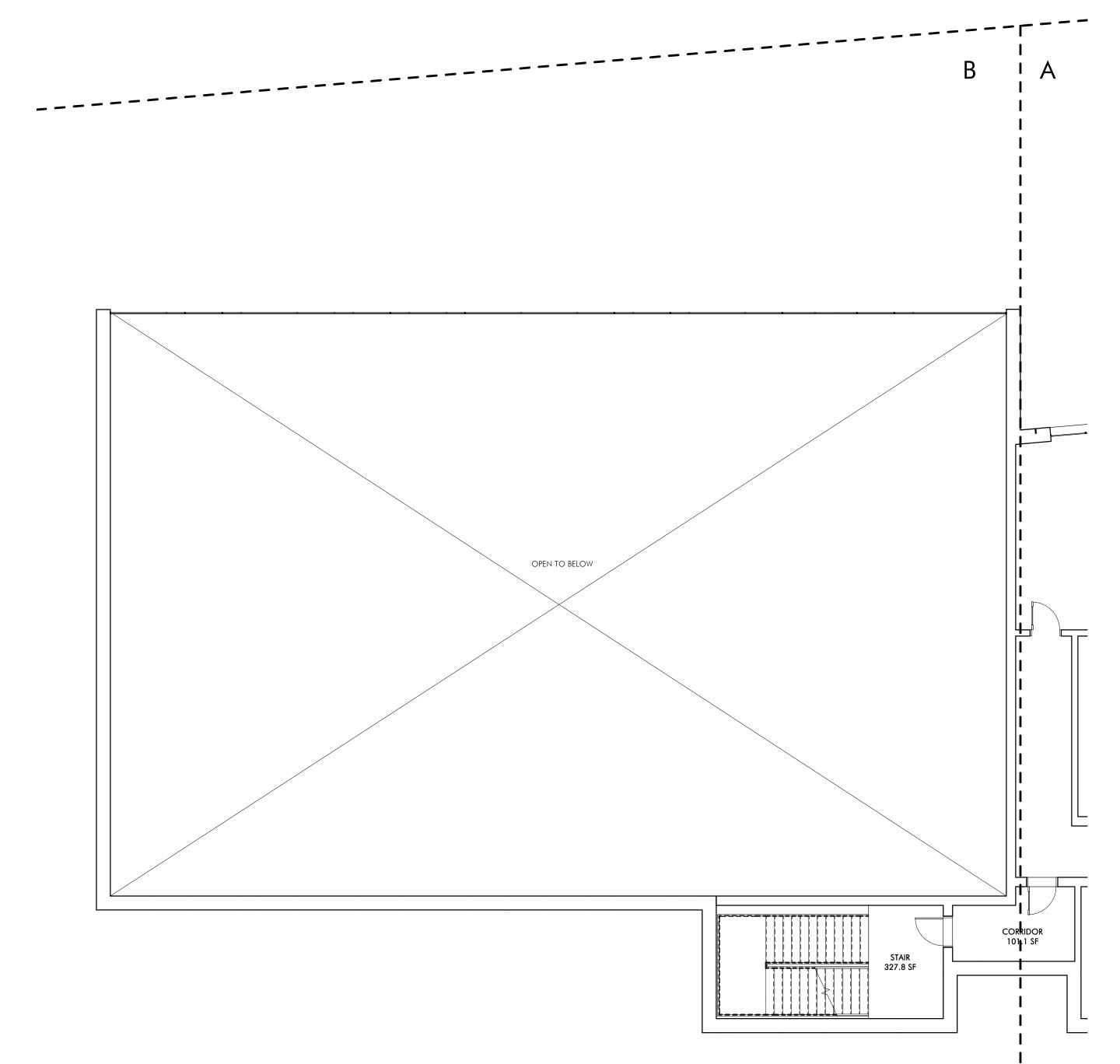


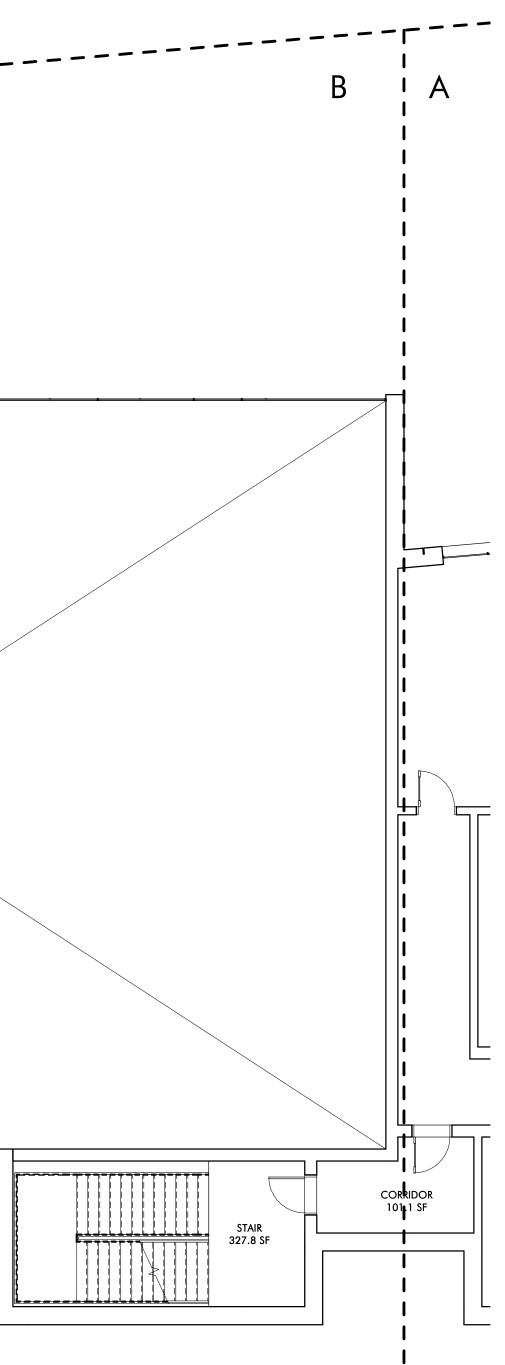


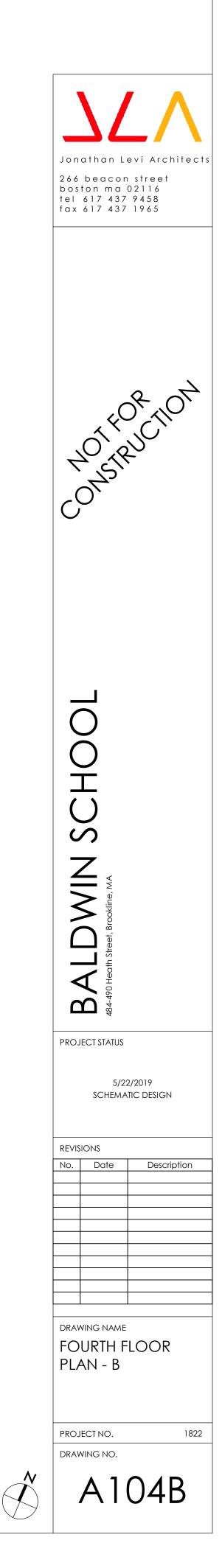




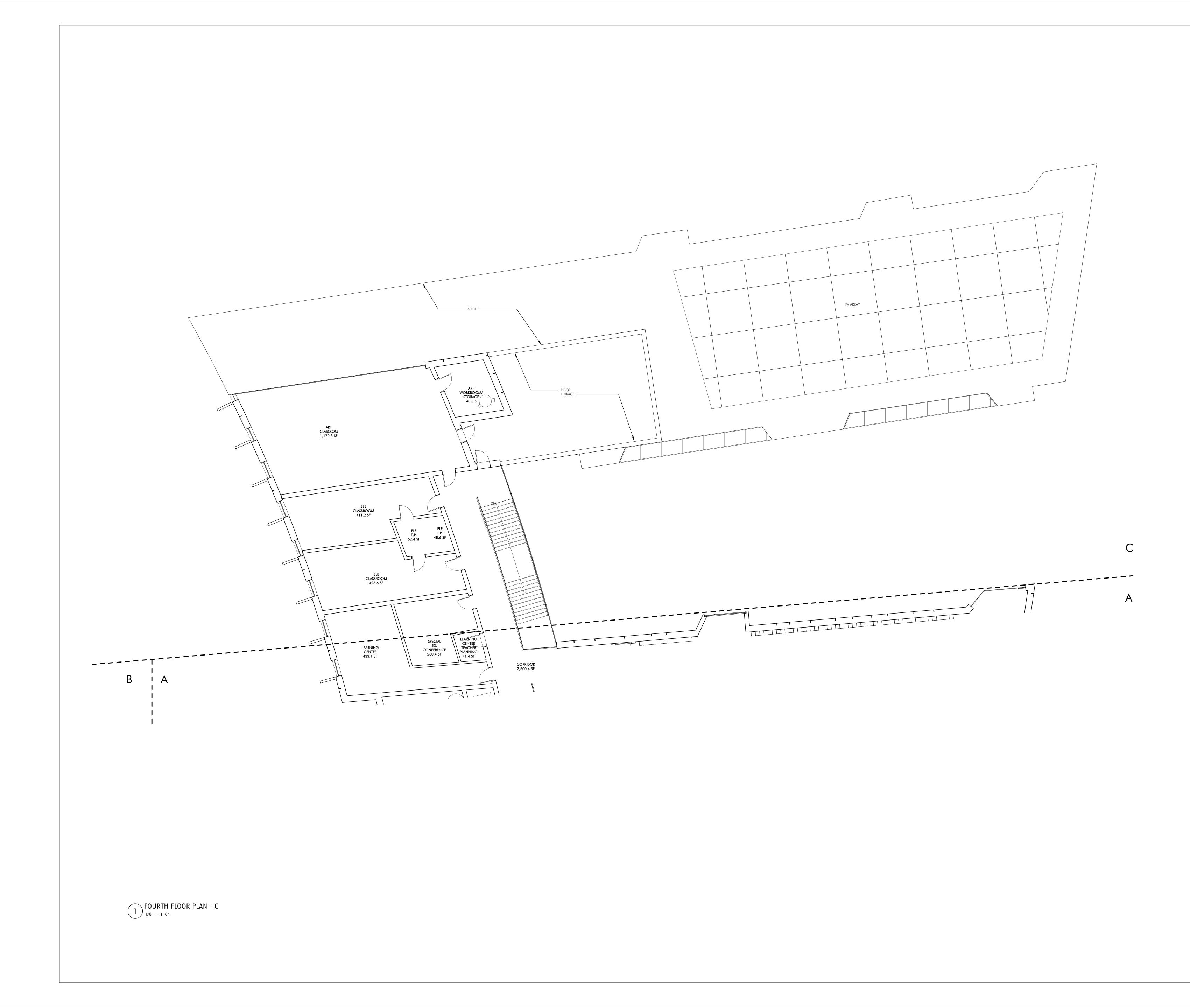
$1 \frac{\text{FOURTH FLOOR PLAN - B}}{1/8" = 1"-0"}$



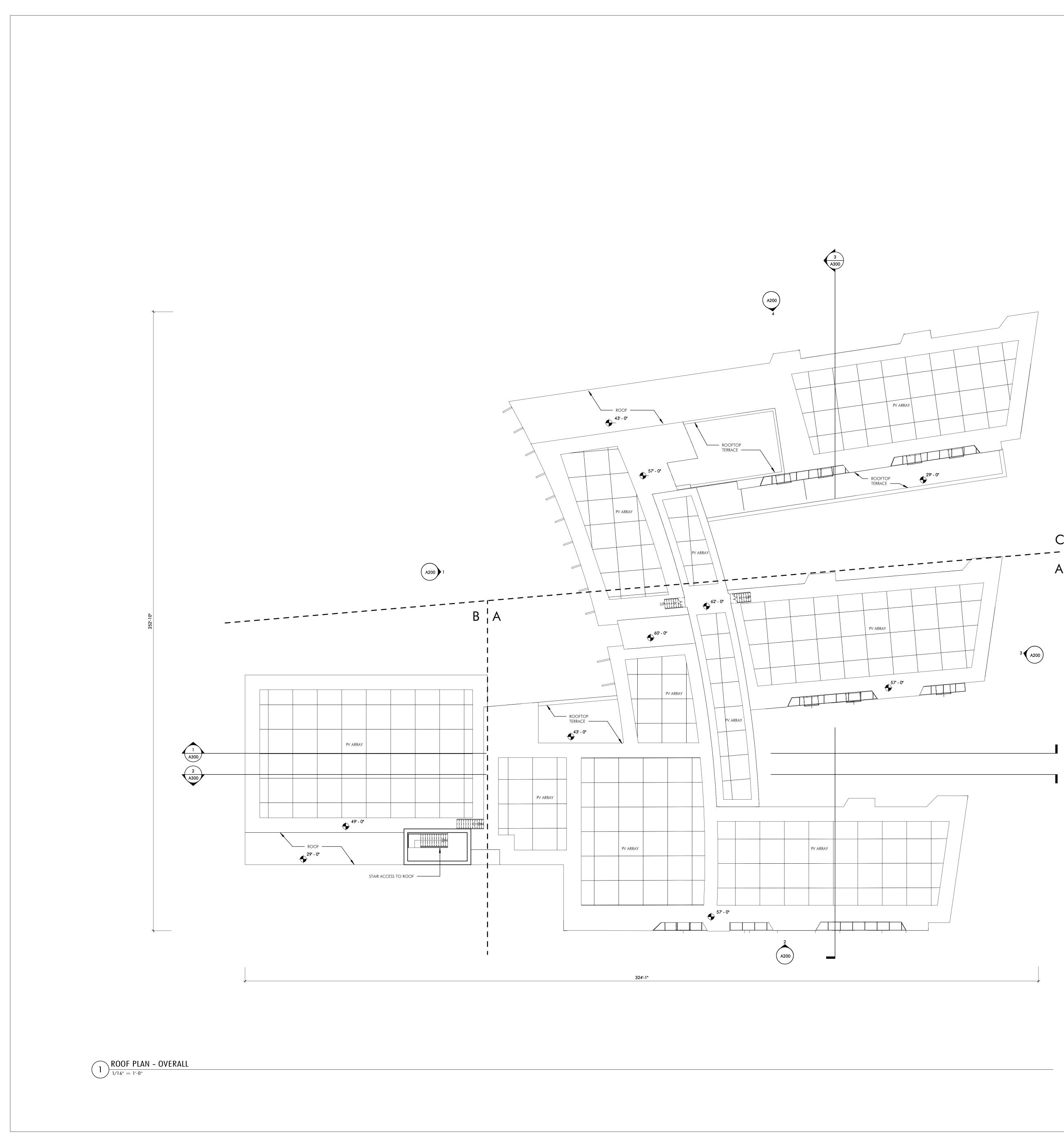






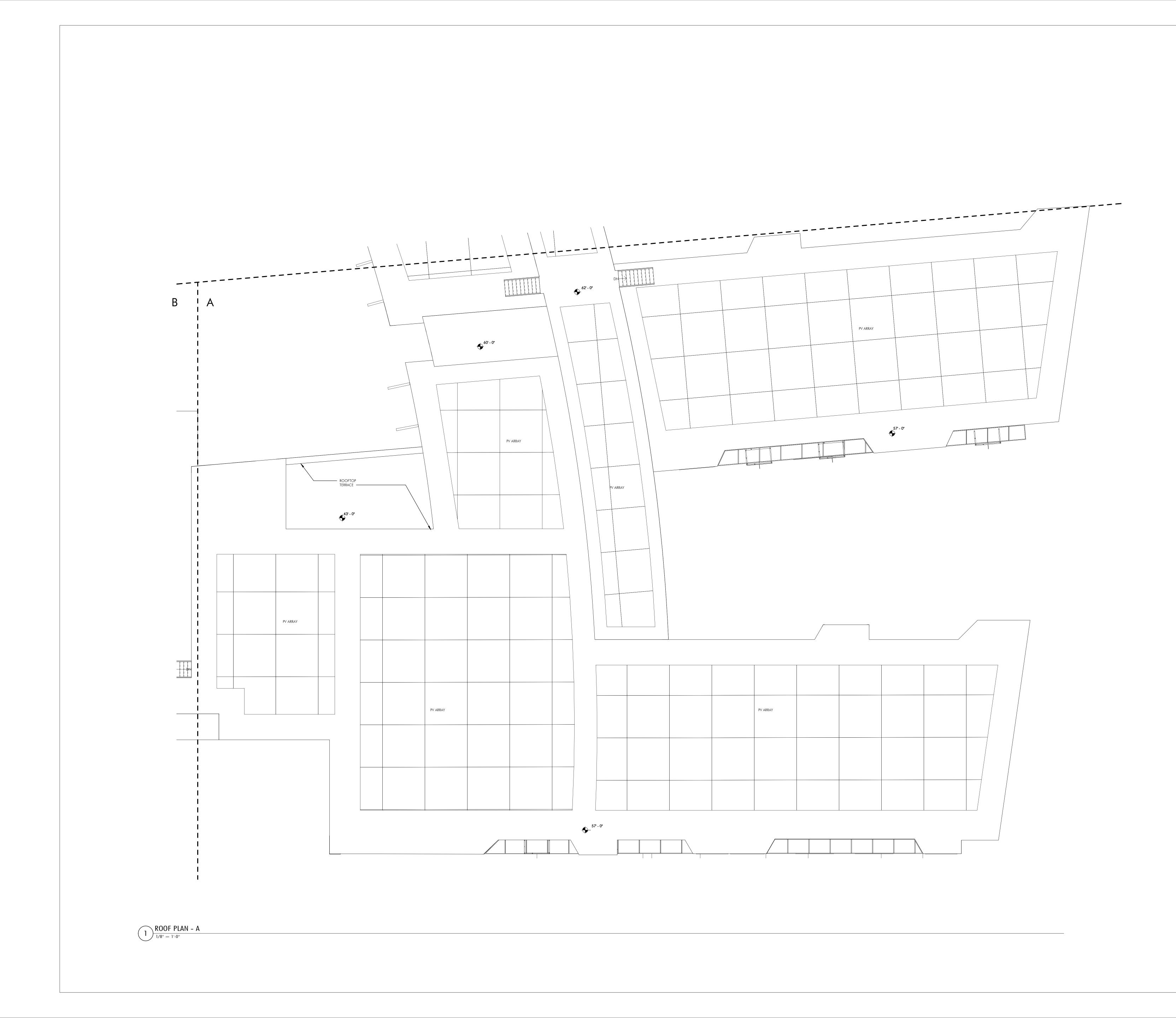








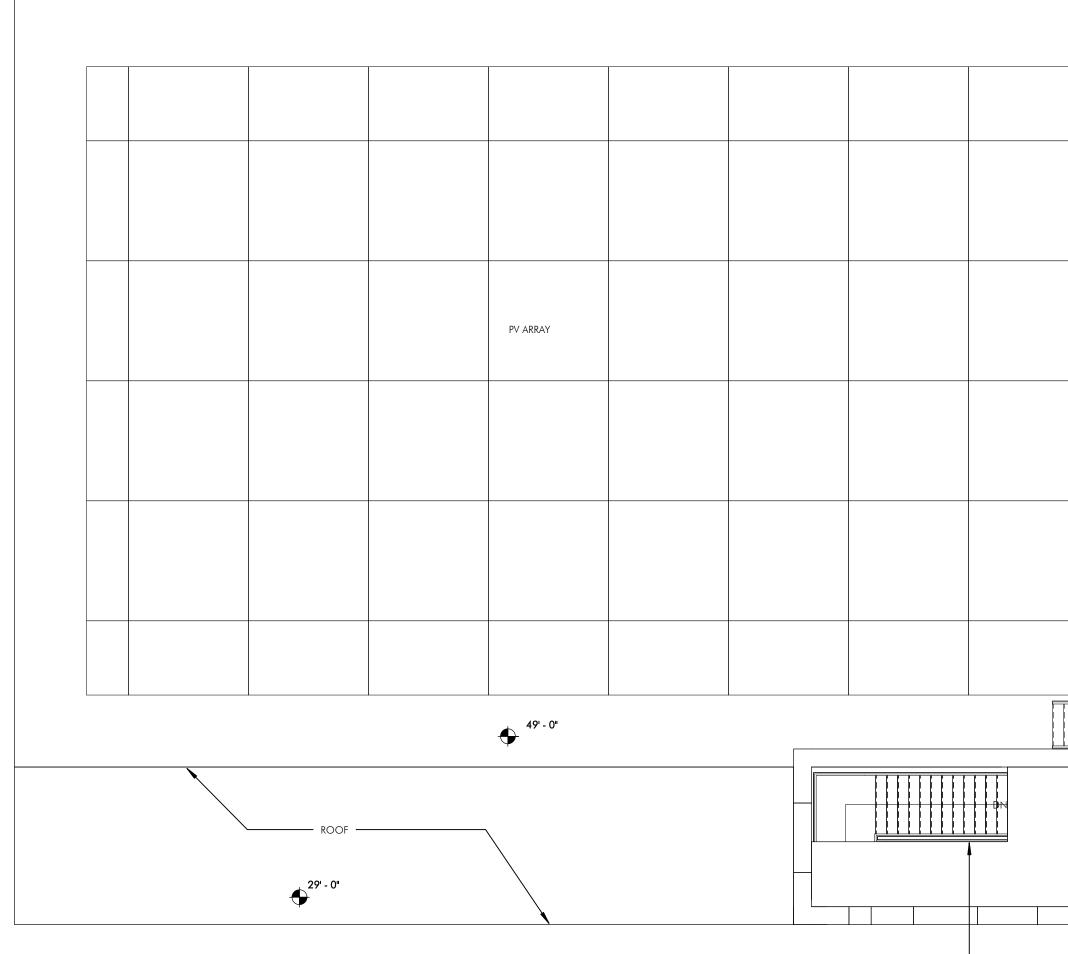




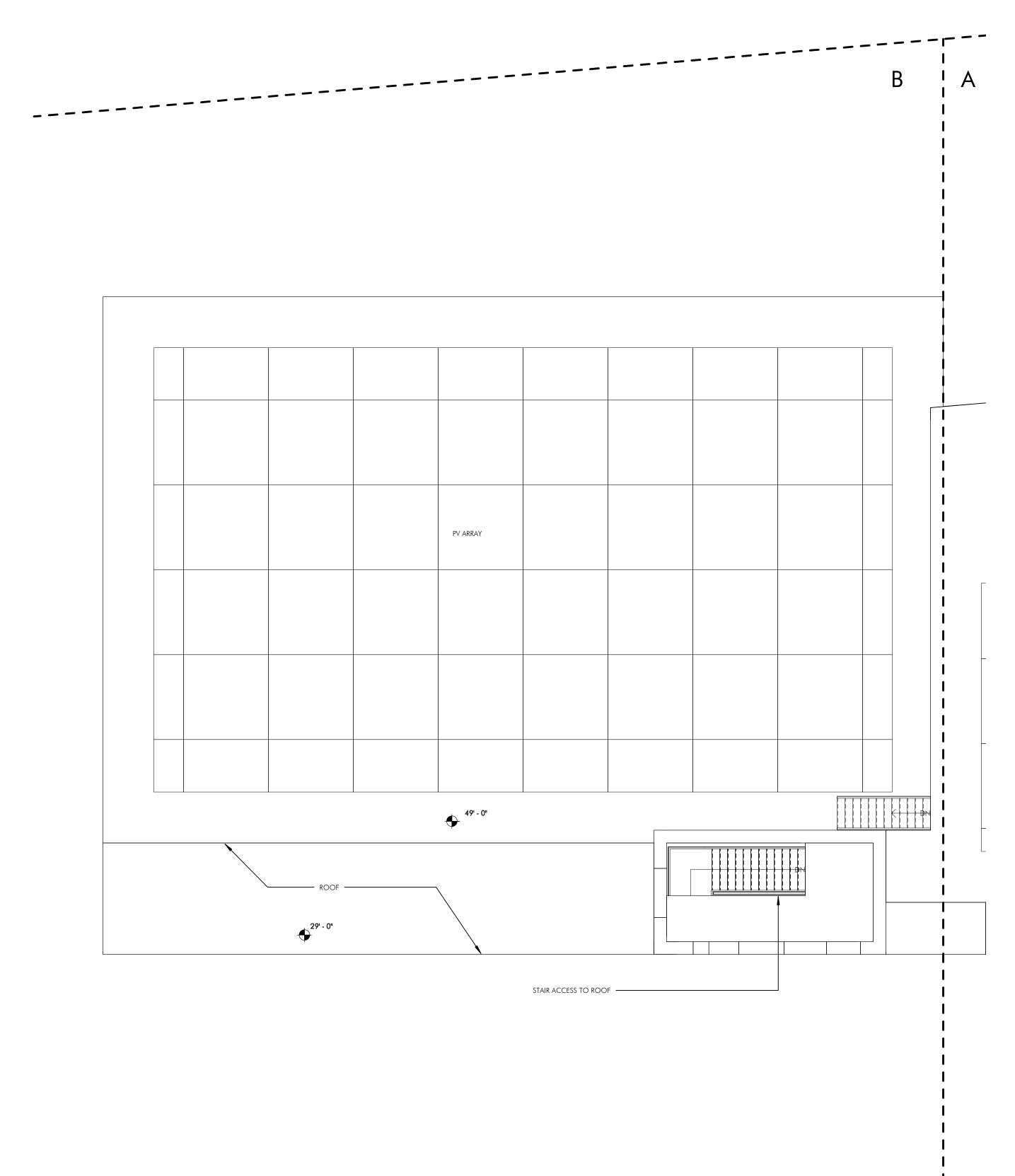




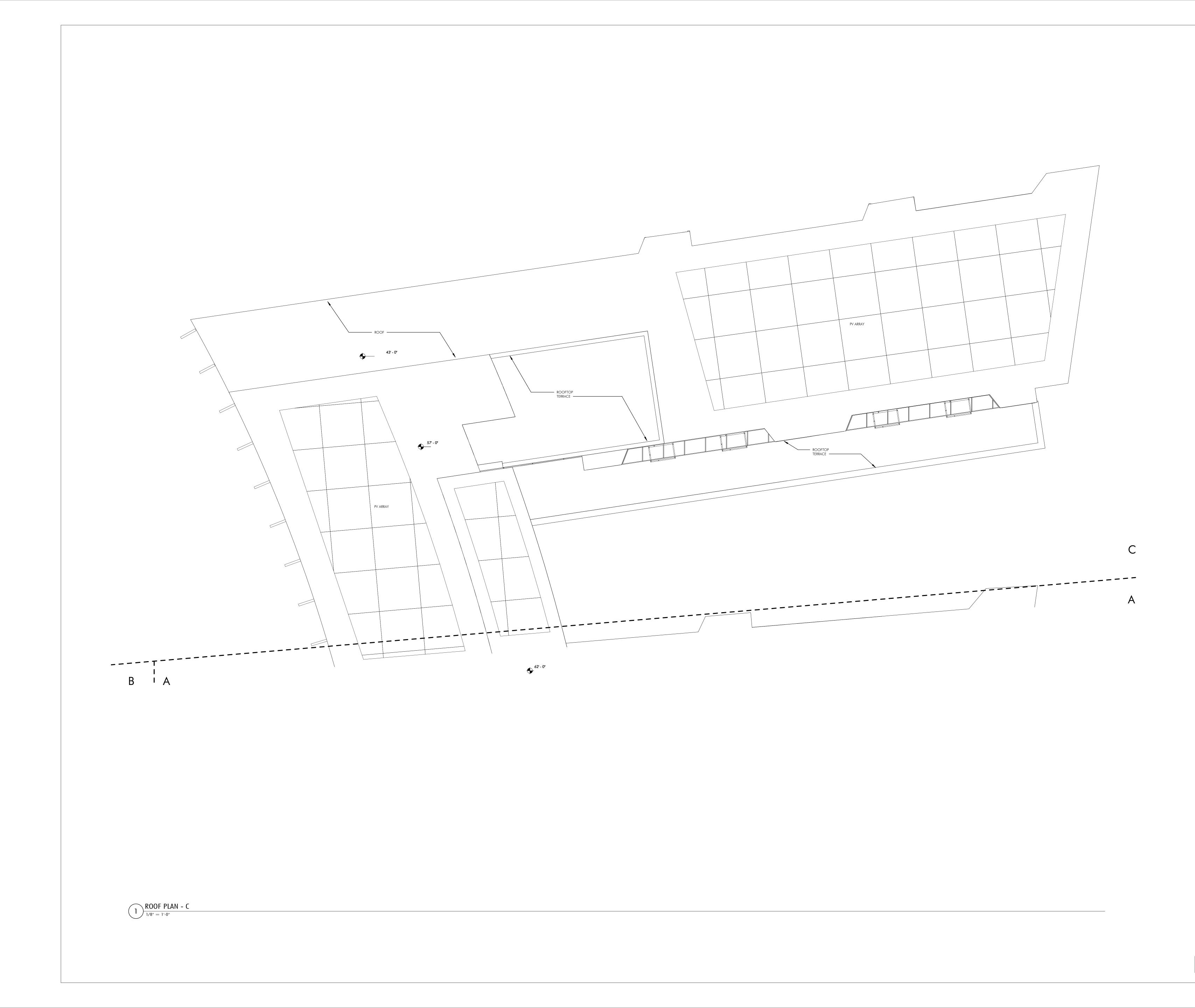
	ROOF PLAN - B	



STAIR ACCESS TO ROOF

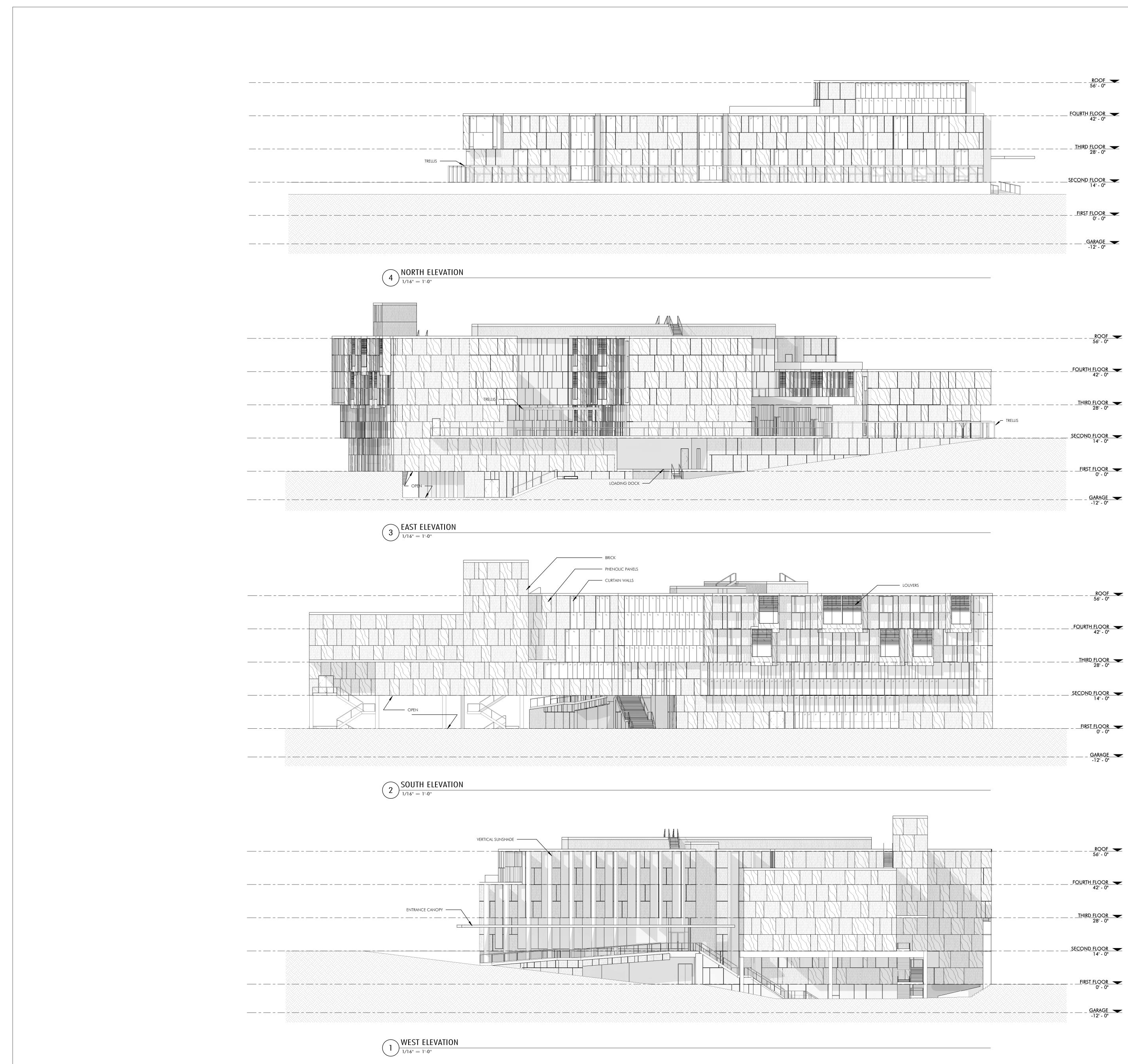












EXTERIOR FINISHES PRIMARY EXTERIOR WALLS (75% NON-GLAZED WALL SURFACE):

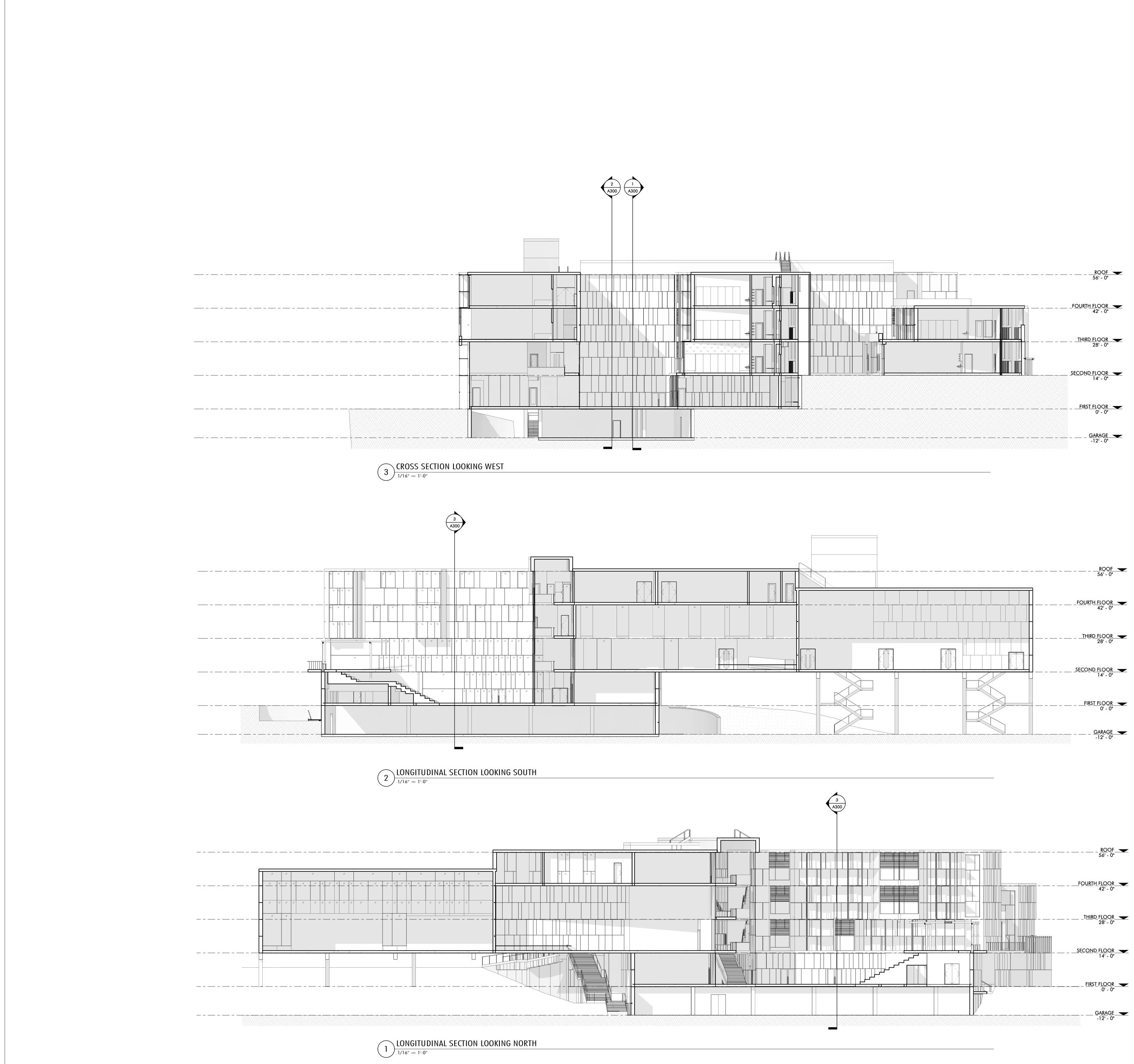
PRIMARY EXTERIOR WALLS (75% NON-GLAZED WALL SURFACE): 1. BRICK VENEER WITH 1-1/2" AIR SPACE, R-18 INSULATION OVER FR SHEET APPLIED AVB, 5/8" FIBERGLASS FACED GYPSUM SHEATHING AND 6" CFMF WITH AN INTERIOR LAYER OF 5/8" GWB. 4 X 12 IRONSPT BRICK WITH CUSTOM 3/8" SCORES LAID IN A RANDOM PATTERN (BRICK EQUAL TO ENDICOTT/BELDEN).
SECONDARY EXTERIOR WALLS (25% NON-GLAZED WALL SURFACE): 2. PHENOLIC PANELS TRESPA OR SIM.) BACK VENTED OVER THERMAL Z FURRING, R-18 INSULATION OVER FR SHEET APPLIED AVB, 5/8" FIBERGLASS FACED GYPSUM SHEATHING AND 6" CFMF WITH AN INTERIOR LAYER OF 5/8" GWB. 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 15 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 SNX 62/27 WITH IS20 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 VERTICAL MULLIONS. 2-COAT MICA FINISH (PPG SUNSTORM).
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 SUNSTORM).
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: 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-32. 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.

VB, 5/8" FIBERGLASS FACED ONSPT BRICK WITH CUSTOM

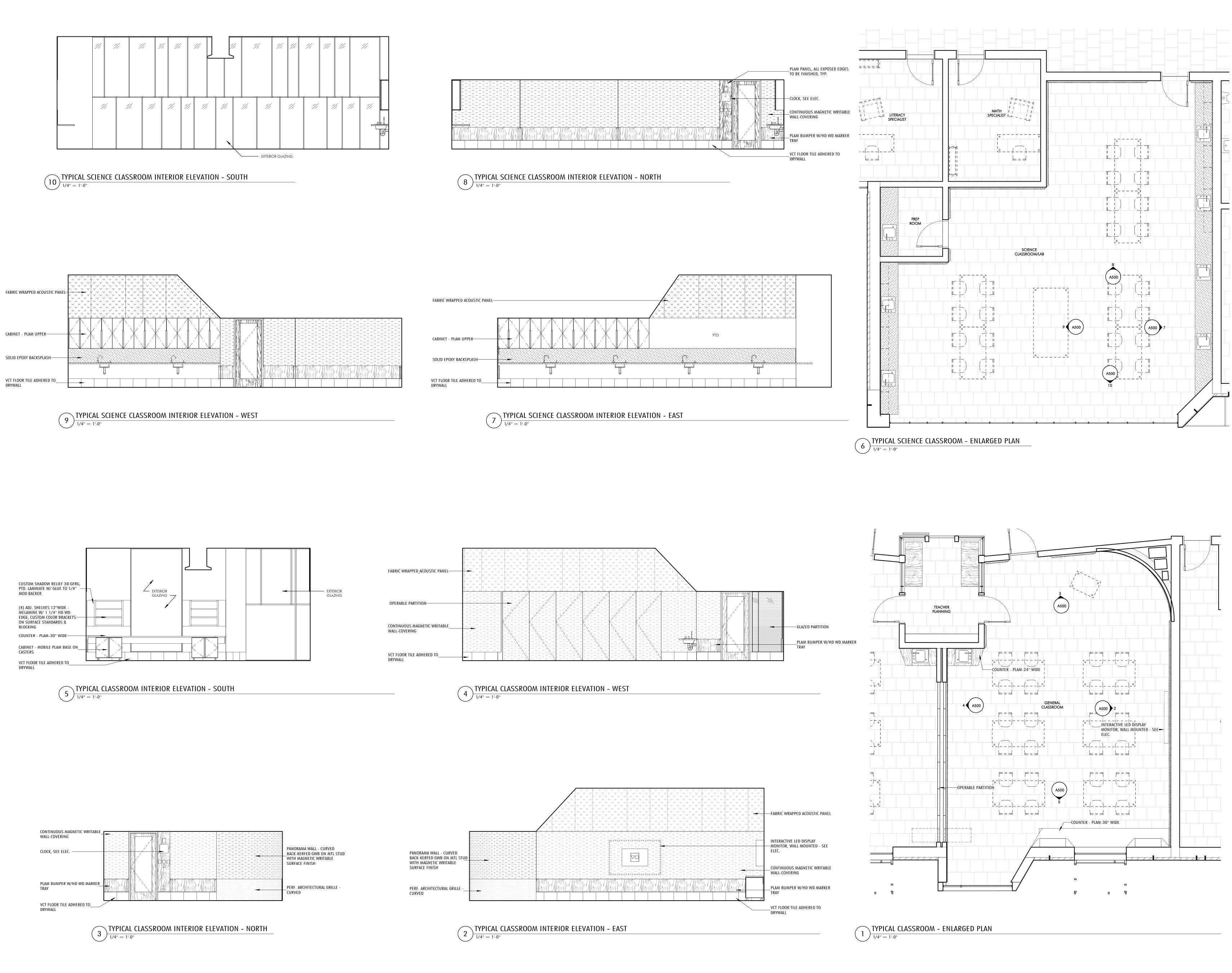










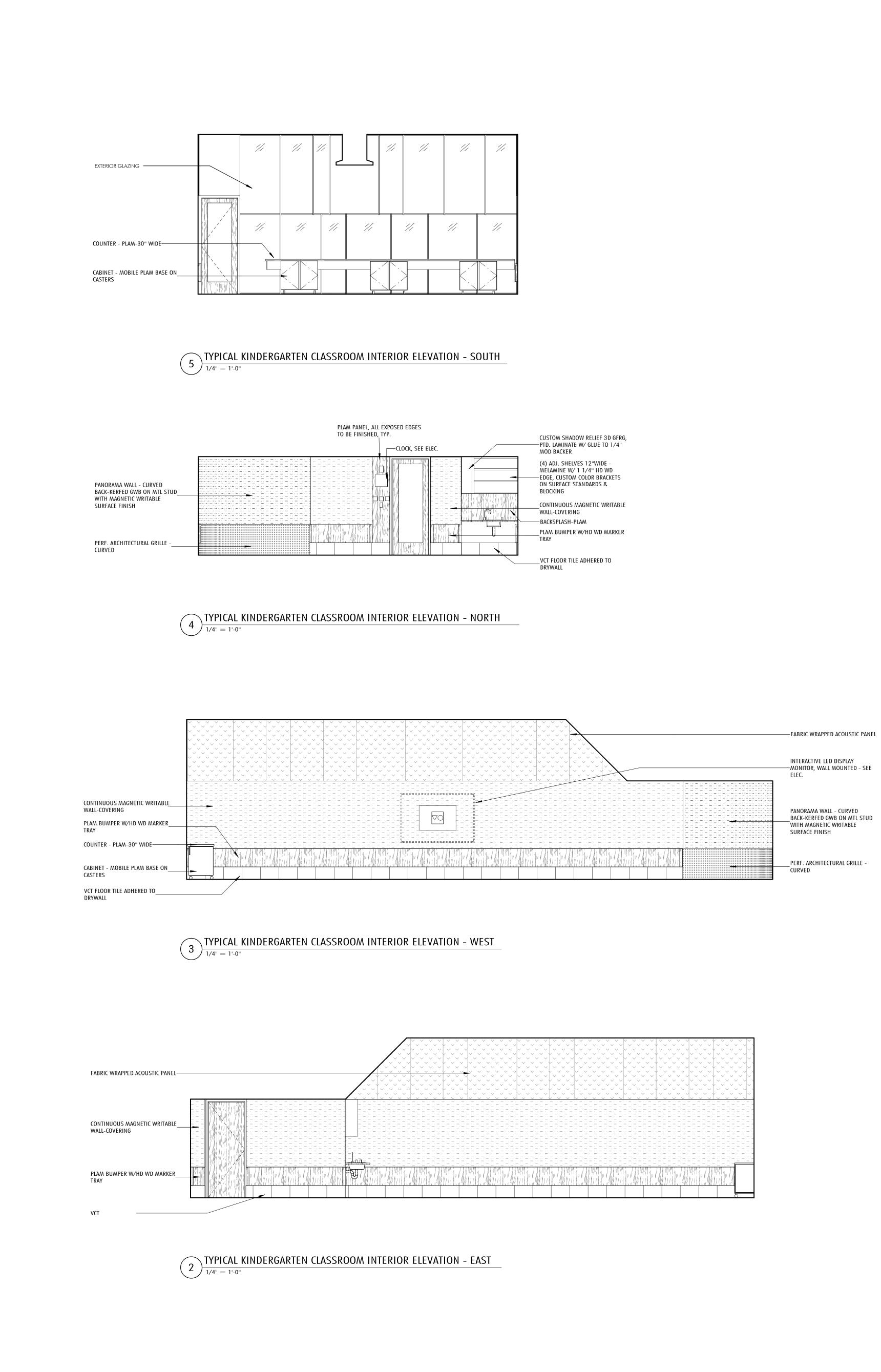


\frown	TVDICAL CLASSDOOM INTEDIOD ELEVATION EAST
(\mathbf{n})	TYPICAL CLASSROOM INTERIOR ELEVATION - EAST
(Z)	1 (4) 1 0

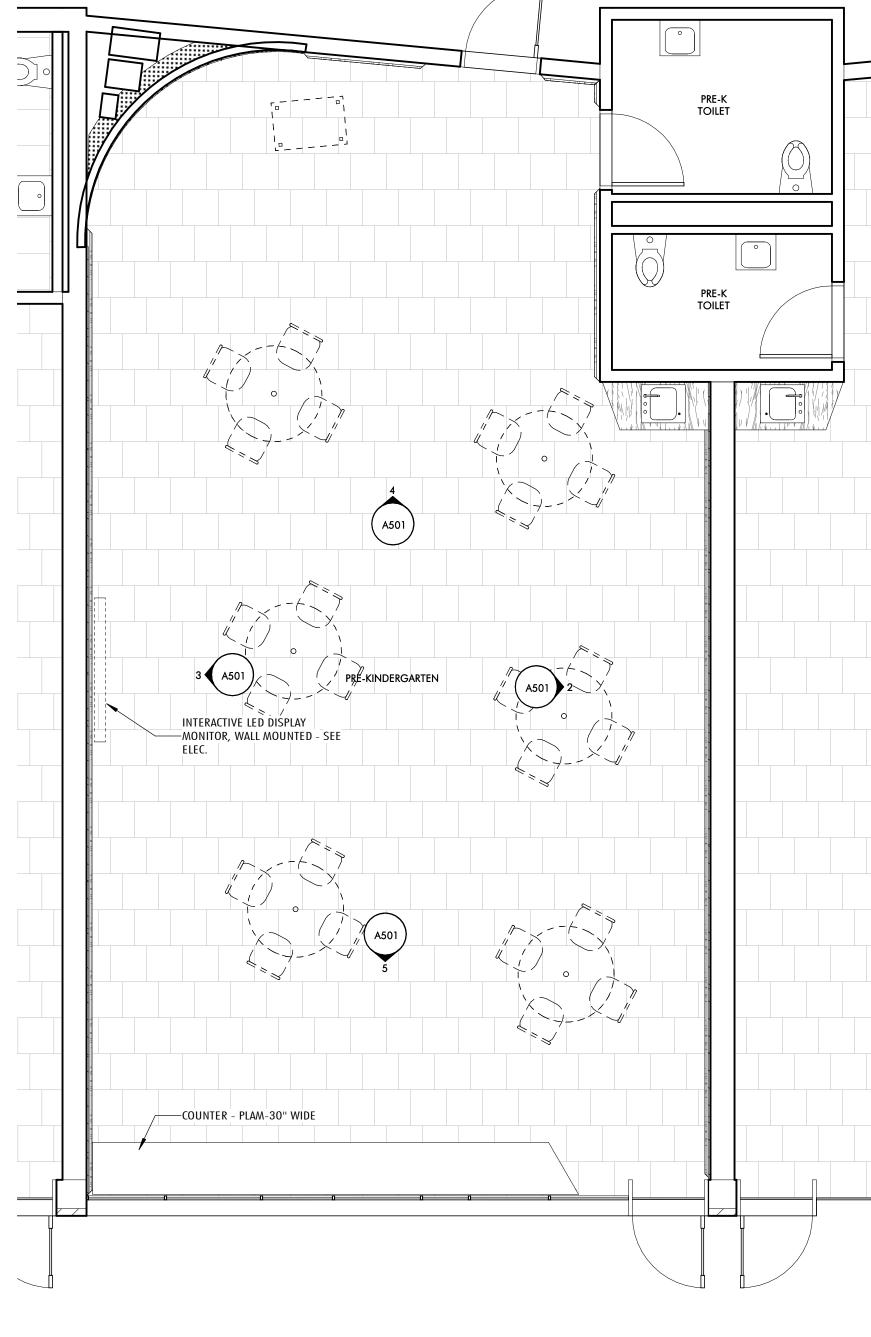
		<pre></pre>	
PANORAMA WALL - CURVED BACK-KERFED GWB ON MTL STU <u>D</u> WITH MAGNETIC WRITABLE			
SURFACE FINISH		 	
PERF. ARCHITECTURAL GRILLE CURVED		*. <u>(M/; v); i + 1; *.</u> *.(M/; v); i + 1; *. *.(M/;	
			<u> </u>

FABRIC WRAPPED_ACOUSTIC PANEL	
OPERABLE PARTITION	
CONTINUOUS MAGNETIC WRITABLE WALL-COVERING	
VCT FLOOR TILE ADHERED TO	
DRYWALL	





INTERACTIVE LED DISPLAY — MONITOR, WALL MOUNTED - SEE ELEC.



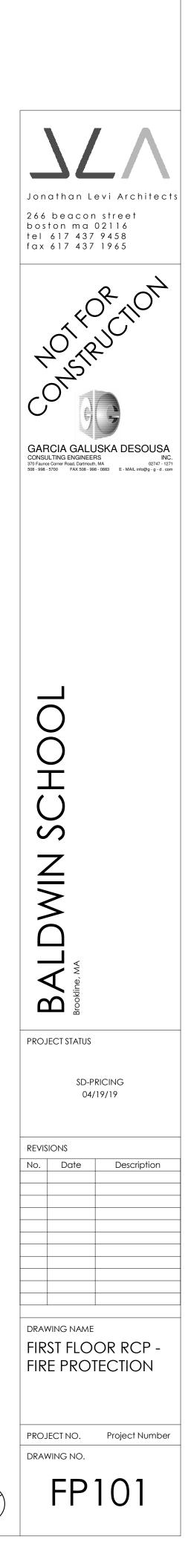
 $1 - \frac{\text{TYPICAL KINDERGARTEN CLASSROOM - ENLARGED PLAN}{1/4'' = 1'-0''}$









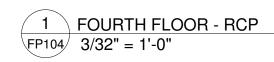


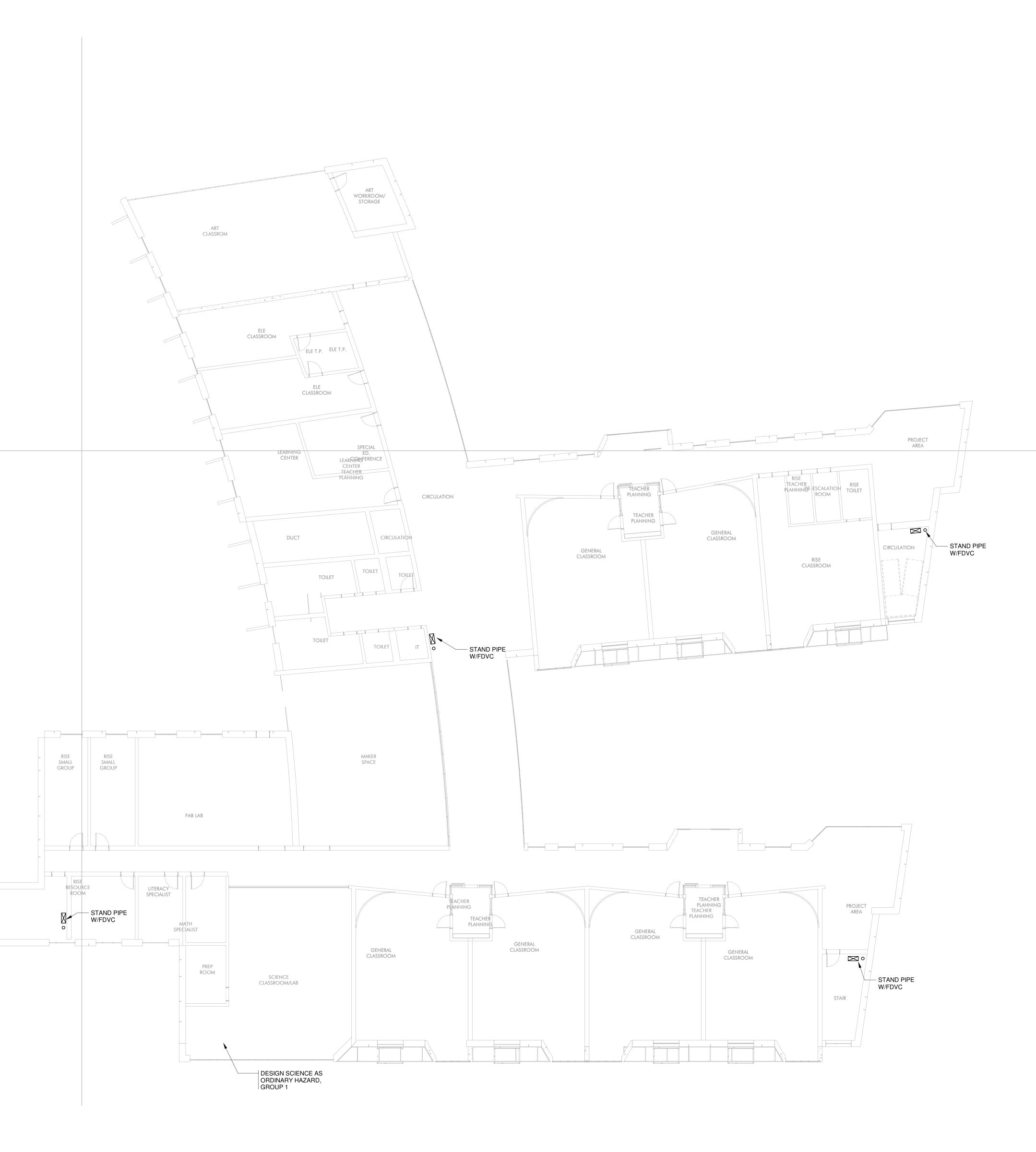




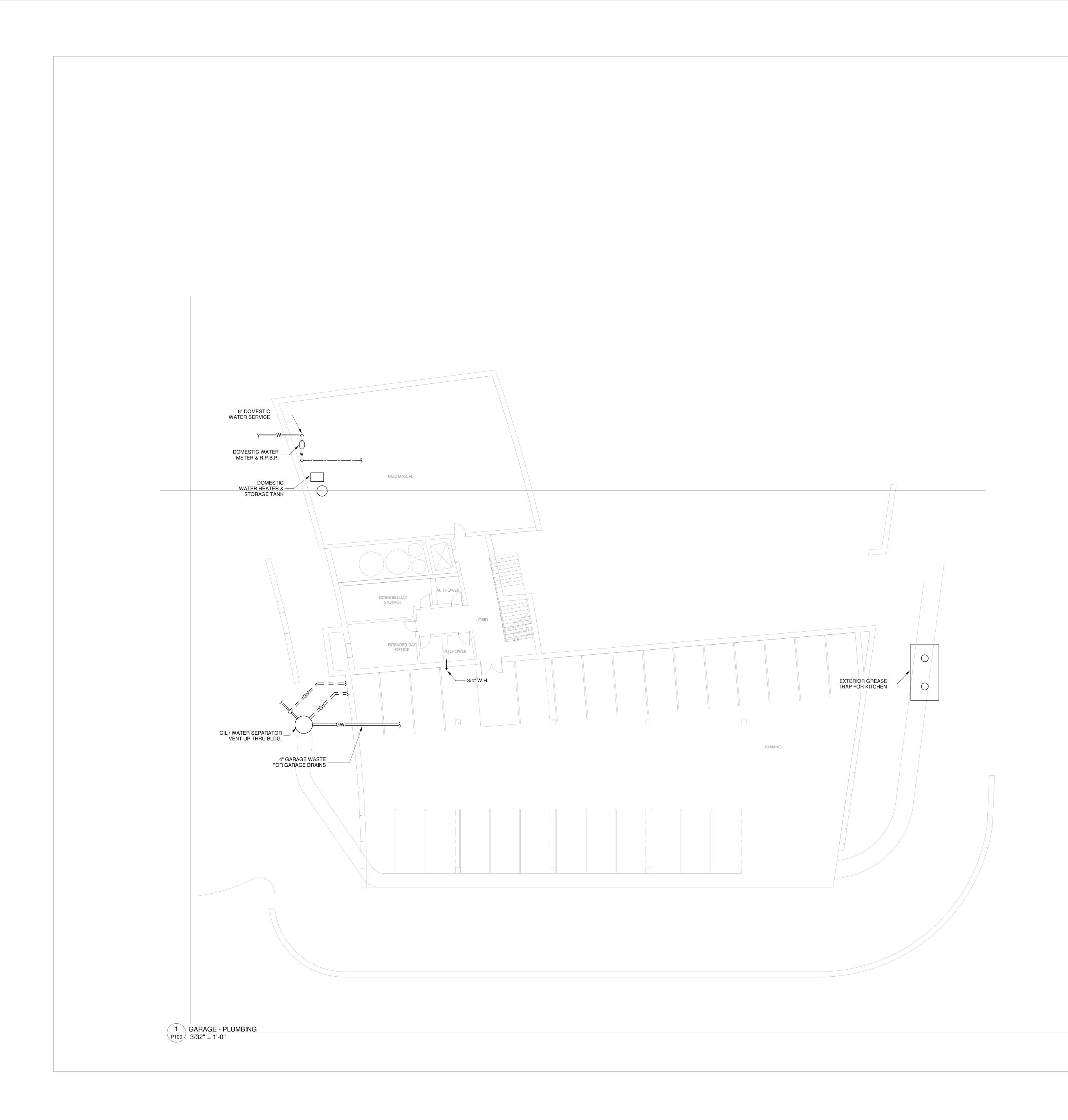














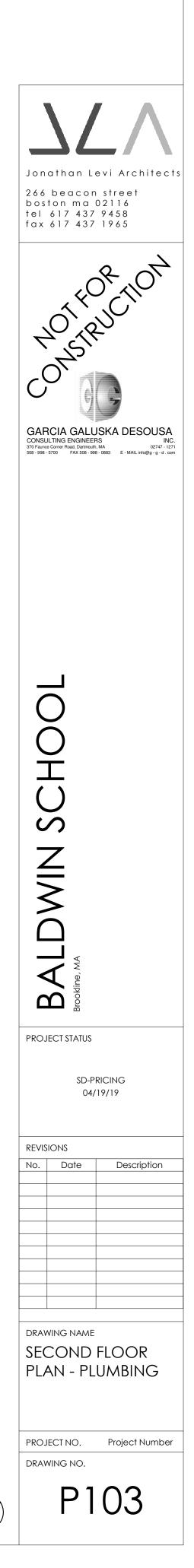






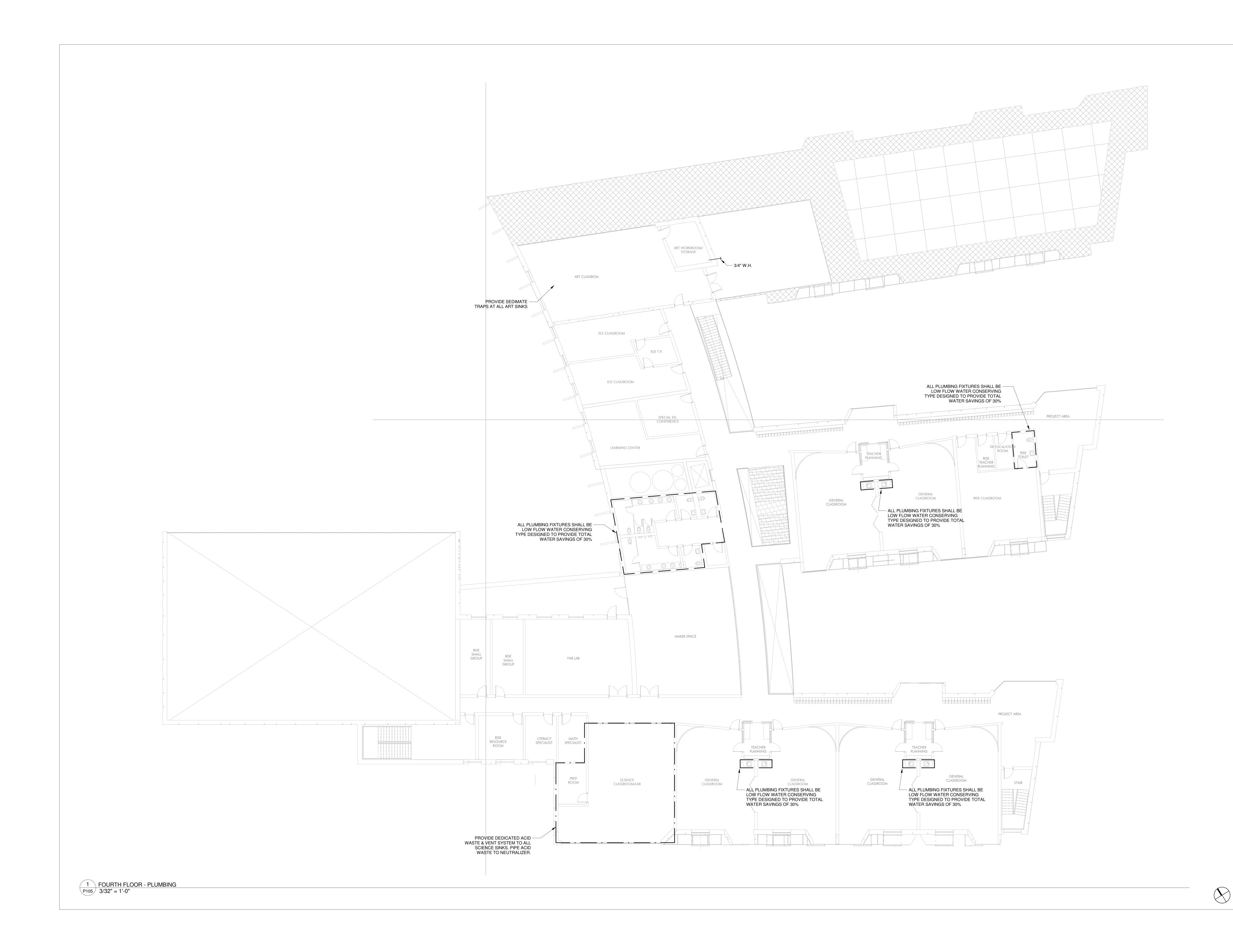










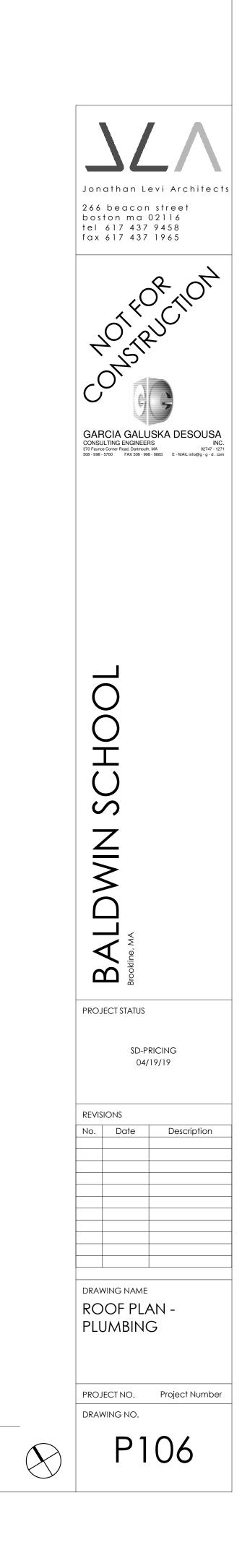




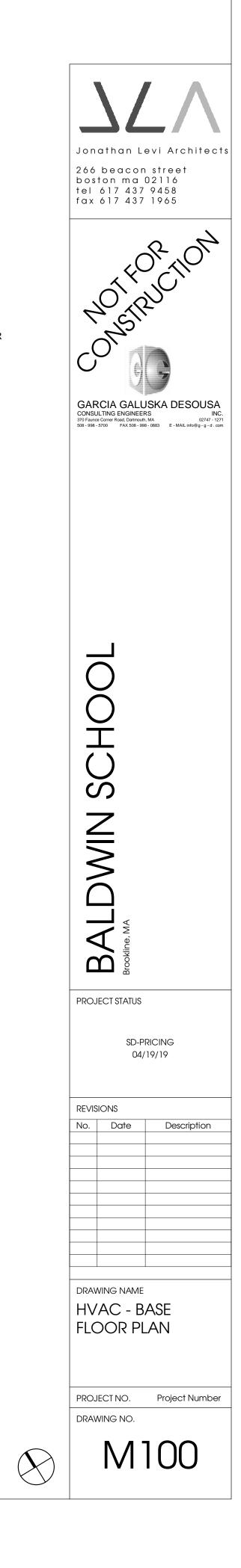
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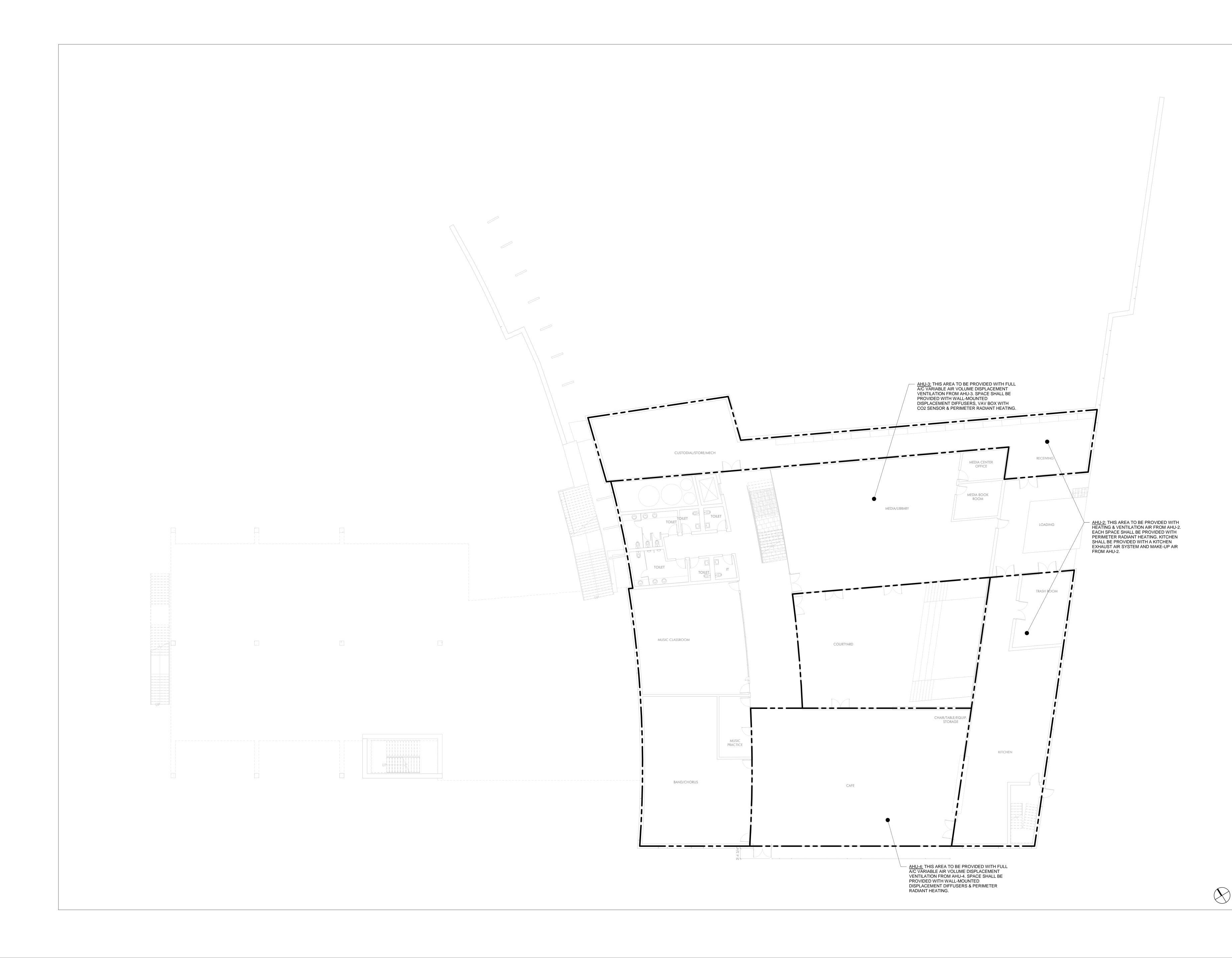
1 ROOF - PLUMBING P106 3/32" = 1'-0"

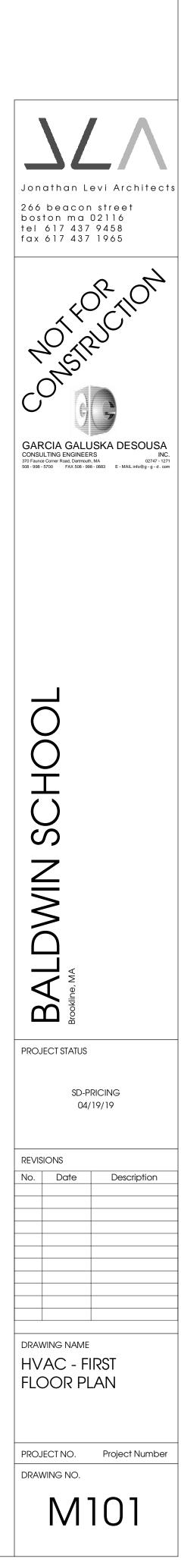






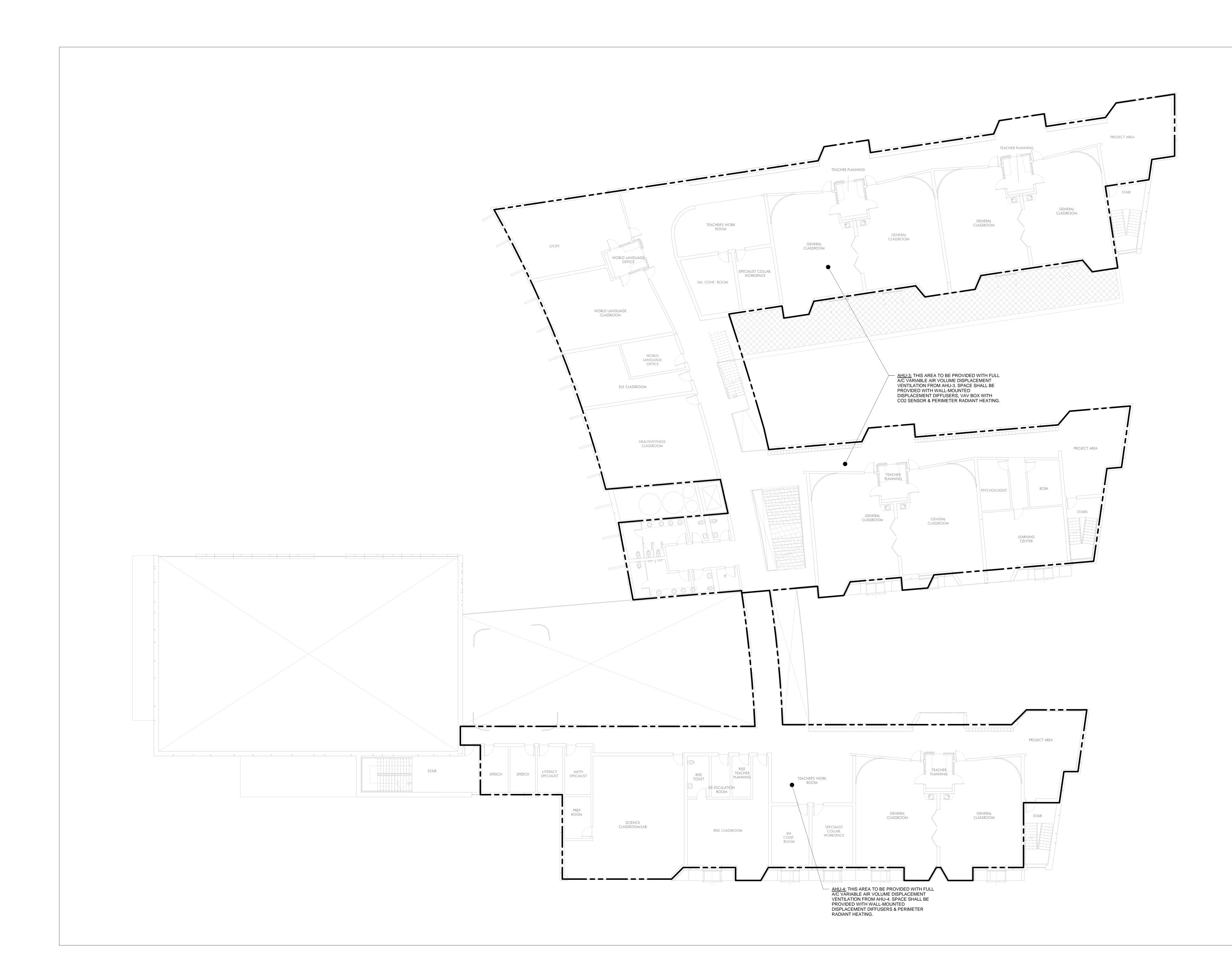


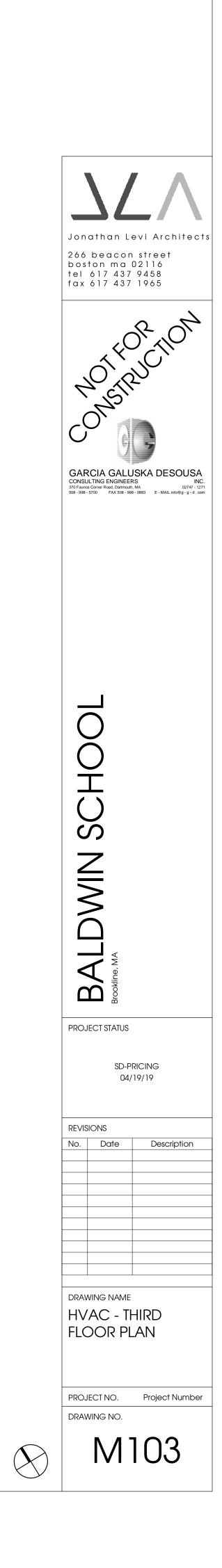


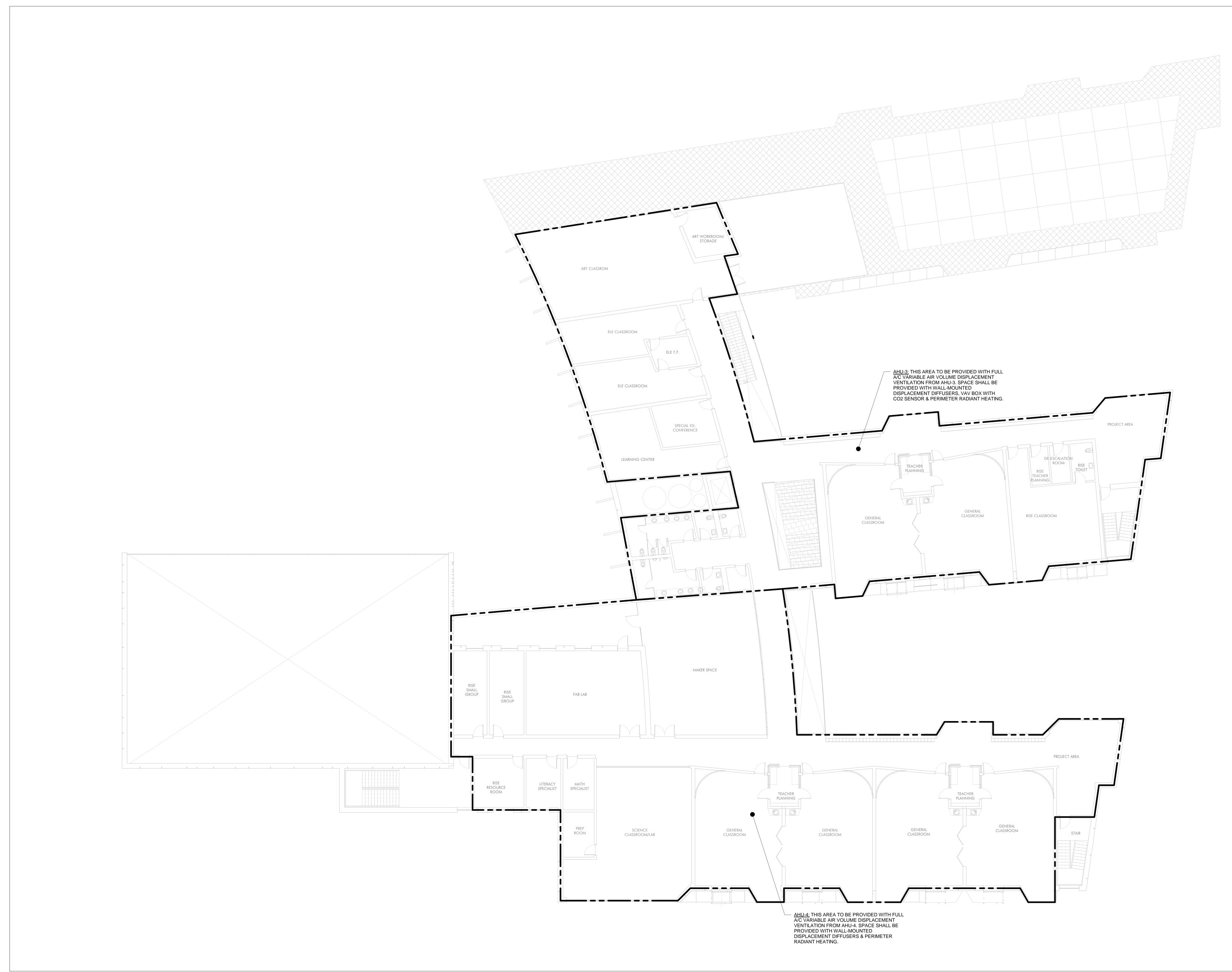






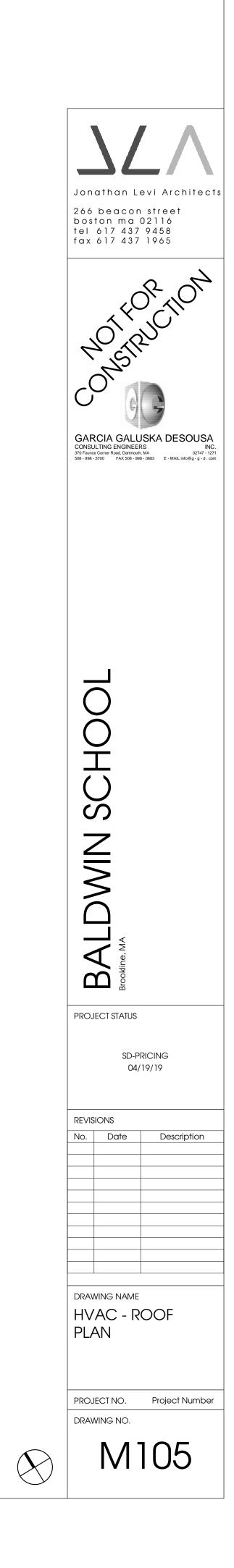


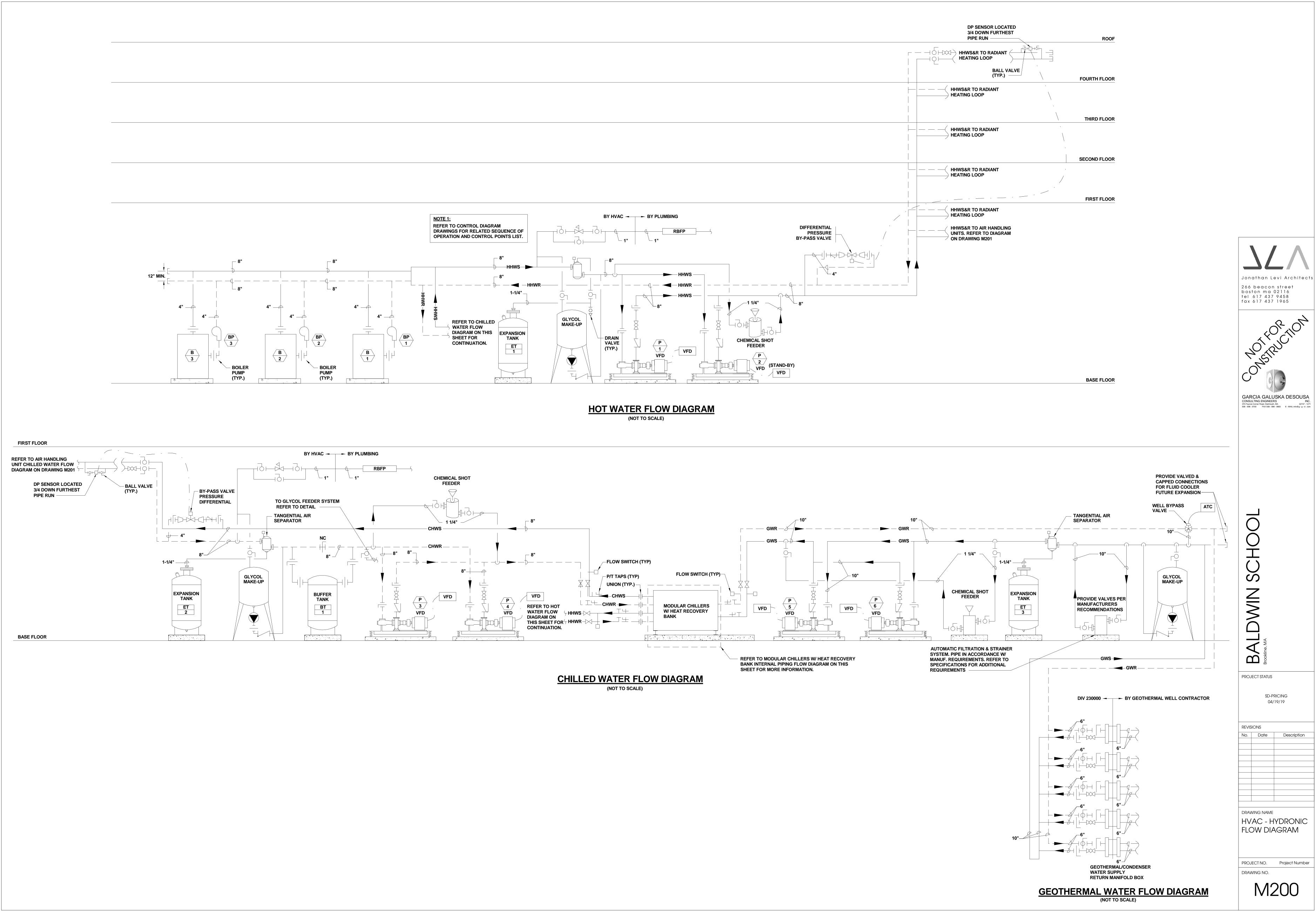




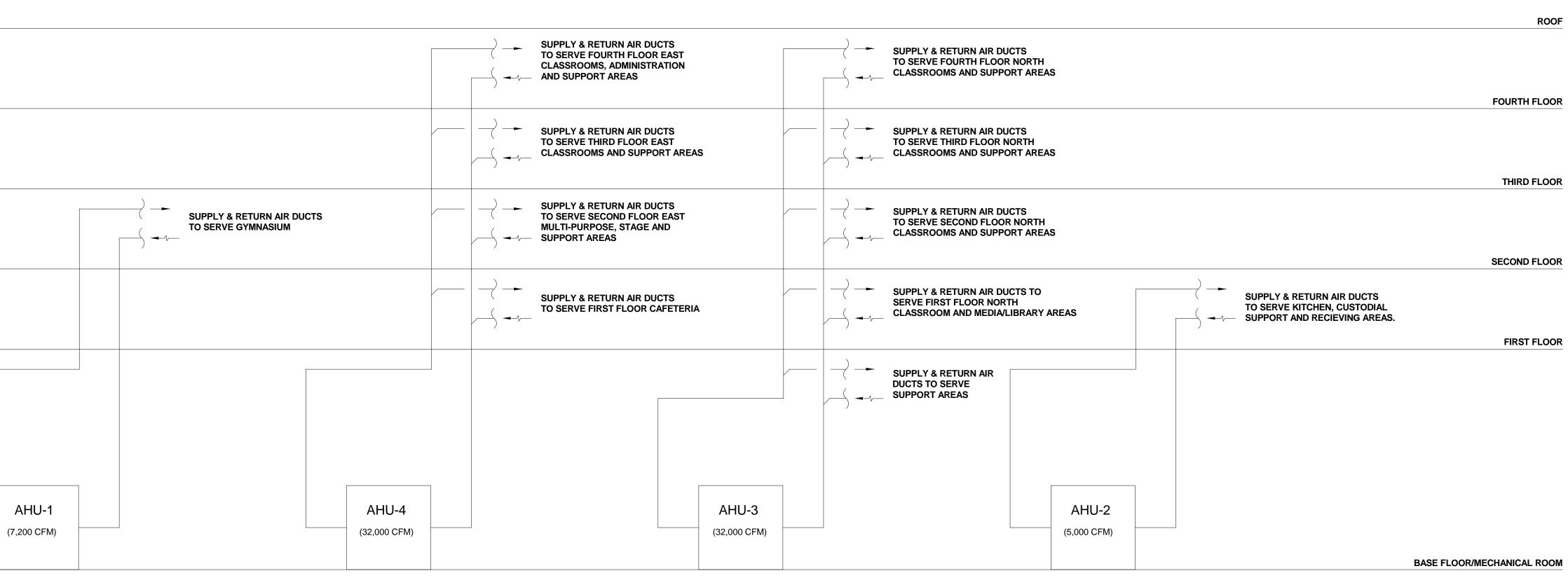


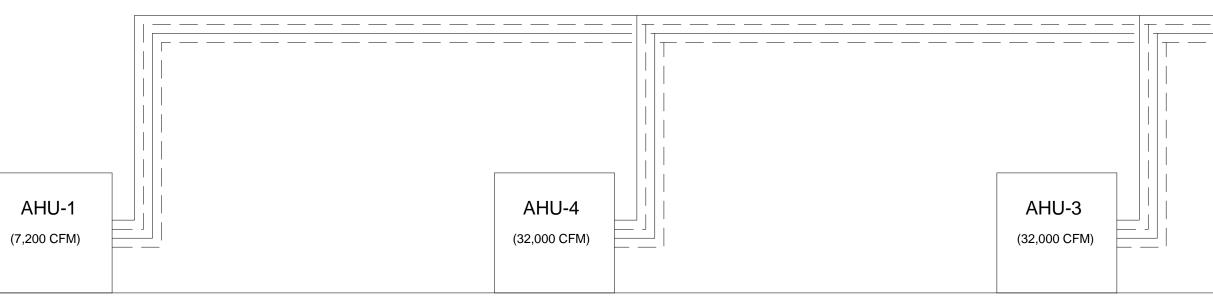






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	ROOF
	FOURTH FLOOR
	THIRD FLOOR
	SECOND FLOOR
	FIRST FLOOR
	HHWS&R & CHWS&R TO BOILER/HEAT-PUMP CHILLER PLANT. REFER TO DRAWING
	M200 FOR CONTINUATION.
AHU-2	
(5,000 CFM)	
	BASE FLOOR/MECHANICAL ROOM



	LIGHTING FIXTURES	(see lighting fixture schedule)
	FLUORESCENT LIGHT FIXTURE, CEILING MOUN	ITED SURFACE
	FIXTURE WIRED TO NORMAL/EMERGENCY CIR	CUIT.
<u>├</u> ───┤	FLUORESCENT BARE LAMP CHANNEL STRIP O INDUSTRIAL STRIP.	R
$\overline{\mathbf{x}}$	SINGLE FACE INTERNALLY LIT EXIT SIGN, DIRE OF THE 'CHEVRON' TYPE AS INDICATED ON DR	
	DOUBLE FACE INTERNALLY LIT EXIT SIGN, DIR OF THE 'CHEVRON' TYPE AS INDICATED ON DR	
	CEILING MOUNTED FIXTURE-RECESSED, SURF	ACE OR PENDANT.
\Box Q		
A1	FIXTURE KEYING SYSTEM A1 = FIXTURE TYPE 32= CIRCUIT #, b= SW	TCH CONTROL
32		
	EMERGENCY BATTERY UNIT WITH INTEGRAL F TRACK MOUNTED FIXTURES-LENGTH OF TRAC	-
	ON DRAWINGS. POLE MOUNTED FIXTURE-DOUBLE OR SINGLE	HEAD.
	SWITCHES (typically mtd 48" AFF	= ն պո.օ)
S _a	SINGLE POLE SWITCH-"a" DESIGNATES SWITCH	
S ₂	(LOWER CASE). TWO POLE SWITCH	
S ₃	THREE-WAY SWITCH.	
S _P	SINGLE POLE SWITCH WITH PILOT LIGHT-GLOWS POSITION WHEN IN VIEW OF LIGHTS. GLOWS IN WHEN REMOTE FROM LIGHTS.	
S ₄	FOUR-WAY SWITCH.	
S _D S _κ S _τ	DIMMER SWITCH; 0-10V TYPE. KEY OPERATED SWITCH.	
S _T	TIMER SWITCH-DIGITAL PROGRAMMABLE TYPE. WEATHERPROOF SINGLE POLE SWITCH.	
S WP S XP	EXPLOSION PROOF SINGLE POLE SWITCH.	
S _{DT} S _F	SINGLE POLE/DOUBLE THROW SWITCH. FAN SPEED SWITCH.	
S _{MC}	THREE POSITION MOMENTARY CONTACT SWITC	H-UP/DOWN/CENTER OFF.
=	<u>IGHTING CONTROLS</u>	
SSU ECU	ALCS SYSTEM SERVER UNIT - REFER TO ALCS ALCS ENERGY CONTROL UNIT - REFER TO ALCS	
NES	ALCS NETWORK ETHERNET SWITCH - REFER TO	ALCS ONE-LINE DIAGRAM.
L	ALCS LOCAL SWITCHING / DIMMING STATION - R DIAGRAM	EFER TO ALCS RISER
Lĸ	ALCS KEYED LOCAL SWITCHING STATION - REF	
LV	ALCS VANDAL RESISTANT LOCAL SWITCHING ST RISER DIAGRAM	
M	ALCS MASTER SWITCHING / DIMMING STATION - DIAGRAM	
MTS	ALCS MASTER TOUCH SCREEN - REFER TO ALC ALCS LOCAL TOUCH SCREEN - REFER TO ALCS	
DMX	ALCS DMX512 CONTROL INTERFACE - REFER TO	
	ALCS EXTERIOR PHOTOCELL - REFER TO ALCS	ONE-LINE DIAGRAM.
OS	ALCS CEILING OCCUPANCY SENSOR - REFER TO	
(PS) (OS)	ALCS CEILING PHOTO SENSOR - REFER TO ALCS ALCS WALL OCCUPANCY SENSOR - REFER TO A	
IO	ALCS INPUT/OUTPUT MODULE - REFER TO ALCS	ONE-LINE DIAGRAM.
E/R	EMERGENCY BY-PASS RELAY - REFER TO EMER BY-PASS RELAY DETAIL	GENCY SUPERVISORY
PC	PHASE CUT DIMMING MODULE - REFER TO ALCS	ONE-LINE DIAGRAM
	SECURITY SYSTEM	
	REFER TO DWG. E500 FOR SECURITY SYME	
	WIRING AND RACEWAY - NO. OF DIAGO	
	NO. #12 AWG CONDUCTORS. ABSENCE #12 AWG+#12AWG GROUND UNLESS NO	OTED OTHERWISE. GROUND WIRE IS
	NOT SHOWN IN COUNT BUT SHALL BE F	
	20 AMP/1 POLE CIRCUITS TO PANEL - UI OTHERWISE.	NLESS NOTED
NE	NORMAL/EMERGENCY WIRING - MIN. 2# SEPARATE RACEWAY.	10 AWG + #10 AWG GROUND. RUN IN
———— 4F —	FIRE ALARM WIRING - "4F" INDICATES 4	#14 THHN SOLID IN
——— E –	3/4" MIN. SIZE CONDUIT. EMERGENCY ONLY WIRING-MINIMUM 24	#10 AWG IN SEPARATE RACEWAY.
——— P — ————SE —		
——————————————————————————————————————		SERVICE
CTV - F		
r -	4" CONDUIT SLEEVE THRU-WAY, ACROS	
- E	 ROOMS FOR TEL/DATA - LOCATE ABOV 1" CONDUIT SLEEVE THRU-WAY, ACROS DOOMS FOR TEL/DATA - LOCATE ABOV 	SS CORRIDOR OR BETWEEN
	 ROOMS FOR TEL/DATA - LOCATE ABOV CONDUIT SLEEVE EXTENDED TO NEAR TERMINATE WITH INSULATED BUSHING 	EST ACCESSIBLE CEILING-
\sim	FLEXIBLE CONNECTION TO EQUIPMENT	
	CABLE TRAY-CONCEALED ABOVE CEILI	
	PROVIDE LATERAL SUPPORT AS REQUI	RED.
	MECHANICAL EQUIPM	
	BB	
CH	AND WIRED BY EC. CABINET HEATER - F & I BY HVAC	, WIRED BY E.C.
	UNIT HEATER - F & I BY HVAC, WI	RED BY E.C.
	EXHAUST FAN - F & I BY HVAC, W	IRED BY E.C.
/C.O		
	J CONNECTION TO CARBON MONO MIN. 3#14 AWG. PER MONITOR.	XIDE MONITOR
ТВ	TERMINAL BOX-F&I BY HVAC WIR	ED BY E.C.
	FS D MOTORIZED FIRE/SMOKE DAMPER	
	BY E.C. TO POWER & FIRE ALARM	

		SYMBOL LIST	<u>ONE LINE POWER</u>	ABBREVIATIONS
	<u>ECHNOLOGY</u>	LEGEND NOTES:	LOAD-BREAK SWITCH. CIRCUIT BREAKER.	A AMPERE AL ALUMINUM
w	VOICE OUTLET - AT 18" A.F.F., UNO - DOUBLE GANG BOX WITH SINGLE GANG PLASTER RING AND PULL LINE IN A 1" CONDUIT TO CABLE TRAY. MOUNTING DESIGNATIONS: "C"=ABOVE COUNTER, "W" WALL PHONE AT 48" A.F.F. WIRING AND JACKS BY I.T. SUBCONTRACTOR	A. THIS SHEET IS A GENERAL LIST OF SYMBOLS AND ABBREVIATIONS AND SHALL BE USED AS A DICTIONARY TO DEFINE ITEMS INDICATED ON DRAWINGS. NOT ALL SYMBOLS OR ABBREVIATIONS ARE NECESSARILY USED ON THIS PROJECT. ALL EQUIPMENT IS TO BE PROVIDED UNDER THIS	$\begin{array}{c} \leftarrow \\ \hline \\$	AFAMP, FRAMEAFFABOVE FINISHED FLOORAFGABOVE FINISHED GRADE
			$-\circ \circ$ LIGHTNING ARRESTER AND GROUNDING TO PROTECT ALL PHASES.	AIC INTERRUPTING CAPACITY ALCS AUTOMATED LIGHTING CONTROL
\mathbf{V}	VOICE/DATA OUTLET - AT 18" A.F.F., UNO - DOUBLE GANG BOX WITH SINGLE GANG PLASTER RING AND PULL LINE IN A 1" CONDUIT TO CABLE TRAY. MOUNTING DESIGNATIONS: "C"=ABOVE COUNTER.	RECEPTACLES (typically mtd. at 18" a.f.f., uno) TYPICAL OUTLET NOTATIONS	$ \begin{array}{c} & \\ \hline \\ & \\ \end{array} \\ \begin{array}{c} \leftarrow \\ \\ \hline \\ \hline \\ \end{array} \\ \begin{array}{c} \leftarrow \\ \end{array} \\ \begin{array}{c} \leftarrow \\ \\ \end{array} \\ \begin{array}{c} \leftarrow \\ \\ \end{array} \\ \begin{array}{c} \leftarrow \\ \\ \end{array} \\ \begin{array}{c} \leftarrow \\ \end{array} \\ \end{array} \\ \begin{array}{c} \leftarrow \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \leftarrow \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} $ \\ \begin{array}{c} \leftarrow \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \leftarrow \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \\ \end{array} \\ \end{array} \\ \end{array} \\ \\ \end{array} \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \end{array} \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \\	SYSTEM ARCH ARCHITECT
	WIRING AND JACKS BY I.T. SUBCONTRACTOR.	"a" =SWITCHED OUTLET, "a" - INDICATES SWITCH CONTROL. "C" = MOUNTED 6" ABOVE COUNTER OR 42" AFF. COORDINATE EXACT	ST SHUNT TRIP COIL.	AT AMP TRIP ATC AUTO-TEMP CONTROL CONTRACTOR ATS AUTOMATIC TRANSFER SWITCH
\bowtie	DATA OUTLET - AT 18" A.F.F. UNO-DOUBLE GANG BOX WITH SINGLE GANG PLASTER RING AND PULL LINE IN A 1" CONDUIT TO CABLE TRAY. MOUNTING DESIGNATIONS: "C"=ABOVE COUNTER,	MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS. "F" =FURNITURE MTD, COORDINATE EXACT LOCATION WITH FURNITURE PLANS.	CM CUSTOMER METERING, ELECTRONIC SOLID STATE, UNLESS OTHERWISE INDICATED.	AWG AMERICAN WIRE GAUGE C CONDUIT (GENERIC TERM FOR
	"AN"=WIRELESS ACCESS POINT MTD. AT 8' -6" A.F.F. U.N.O. JACKS AND WIRING BY I.T. SUBCONTRACTOR.	"GFC" =GROUND FAULT INTERRUPTER TYPE MOUNTED AT 42" AFF.		CATV CABLE TELEVISION
	DATA OUTLET FLUSH FLOOR MOUNTED - PROVIDE FLOOR BOX	"GFI" = GROUND FAULT INTERRUPTER TYPE. "H" =HORIZONTALLY MOUNTED.		CB CIRCUIT BREAKER CKT CIRCUIT
	WITH SINGLE GANG OPENING WITH 1"C. WITH PULL LINE TO NEAREST ACCESSIBLE CEILING OF SAME FLOOR. WIRING AND JACKS BY I.T. SUBCONTRACTOR.	"IG" = ISOLATED GROUND RECEPTACLE WITH SEPARATE GREEN GROUND CONDUCTOR WITH YELLOW STRIPE TO ISOLATED GROUND BUS IN PANEL.	400A	CLG CEILING CM CONSTRUCTION MANAGER
\bigcirc	CLOCK, WALL MOUNTED - 120V PIGTAIL CONNECTOR FURNISHED	"M" = MODULAR FURNITURE SERVICE - PROVIDE FLEXIBLE CONNECTION, COORDINATE EXACT LOCATION WITH FURNITURE PLANS.	300A SWITCH AND FUSE "400A" - INDICATES AMPERE SWITCH SIZE. "300A" - INDICATES AMPERE FUSE SIZE.	CU COPPER Q CENTERLINE
±	BY I.T. SUBCONTRACTOR AND CONNECTED BY E.C. COORDINATE M.H. WITH I.T. SUBCONTRACTOR. CONNECT TO NEAREST 120V RECEPTACLE CIRCUIT OR AS SHOWN ON DRAWINGS. CLOCK	"SP" = SURGE PROTECTION RECEPTACLE "T" = TAMPER RESISTANT SAFETY RECEPTACLE.		DEP DEPARTMENT OF ENVIRONMENTAL PROTECTION DP DEEP
CR ightarrow	FURNISHED & INSTALLED BY I.T. SUBCONTRACTOR. DATA OUTLET FOR DATA CORD REEL - MTD AT UNI-STRUT GRID	"TL" = TWIST LOCK TYPE.	AUTOMATIC TRANSFER SWITCH.	EPA ENVIRONMENTAL PROTECTION AGENCY DWG DRAWING
	UNO. SINGLE GANG OPENING WITH SINGLE GANG PLASTER RING AND PULL LINE TO NEAREST ACCESSIBLE CEILING SPACE. DATA WIRING AND JACK BY I.T. SUBCONTRACTOR. REFER TO FLOOR PLANS. DATA CORD REEL PROVIDED BY E.C.	"WP" = WEATHERPROOF RECEPTACLE WITH "NRTL" LISTED COVERPLATE FOR WET LOCATION WITH GFI TYPE RECEPTACLE INSTALLED IN NEMA 4 ENCLOSURE W/KEY LOCK.	KIRK-KEY INTERLOCK	EC ELECTRICAL CONTRACTOR EWC ELECTRIC WATER COOLER EMT ELECTRIC METALLIC TUBING
	VIDEO OUTLET & (2) 20AMP 120VOLT DUPLEX RECEPTACLE OUTLET PROVIDE WIREMOLD SERIES EFSB4 WALL BOX MODEL# EFSB4 OR EQUAL- AT 54"A.F.F.,	"CD" = CABLE DROP RECEPTACLE- REFER TO CABLE DROP DETAIL. "CR" = CORD REEL - REFER TO FLOOR PLANS AND CORD REEL DETAIL.	MISCELLANEOUS-DEVICES	FAFIRE ALARMFPCFIRE PROTECTION SYSTEM CONTRACTOR
	UNO-WITH (1)1"C. FOR DATA AND (1)2"C FOR FUTURE A/V WIRING WITH PULL LINE TO CABLE TRAY. DATA WIRING AND JACK BY I.T. SUBCONTRACTOR. SEE DETAIL 3/E306	"P" = PEDESTAL MOUNTED ON CASEWORK WITH GFI RECEPTACLE. COORDINATE WITH EQUIPMENT DRAWINGS FOR EXACT LOCATION.	EMERGENCY POWER SHUNT TRIP - RED MUSHROOM HEAD WITH EXTENDED EPO GUARD WITH EMERGENCY OFF LEGEND. MOUNT AT 48"AFF., U.O.I. PROVIDE	F&I FURNISHED AND INSTALLED G,GND GROUND
	VIDEO OUTLET & (2) 20AMP 120VOLT DUPLEX RECEPTACLE OUTLET PROVIDE WIREMOLD SERIES EFSB4 WALL BOX MODEL# EFSB4 OR EQUAL- AT 54"A.F.F.,	"E" = RECEPTACLE CONNECTED TO NORMAL/EMERGENCY CIRCUIT. "G" = OUTLET FOR GOGGLE CABINET, MOUNTED 6'-6" A.F.F. (REFER TO ARCHITECTURAL ELEVATIONS)	EPO NAMEPLATE INDICATING LOAD CONTROLLED "B" - INDICATES BREAK GLASS STATION WITH HAMMER SUPPORT CLIP AND FIVE REPLACEMENT DISCS STORED	CM GENERAL CONTRACTOR CONSTRUCTION M GFI GROUND FAULT INTERRUPTER
	UNO-WITH (1)1"C. FOR DATA AND (1)2"C FOR FUTURE A/V WIRING WITH PULL LINE TO CABLE TRAY. DATA WIRING AND JACK BY I.T. SUBCONTRACTOR.	↓ 20AMP, 120 VOLT SINGLE RECEPTACLE	HANDICAP DOOR ACTIVATE SWITCH-FURN. & INST. BY SYSTEM SUPPLIER. PROVIDE	HVAC HEATING, VENTILATING, AND AIR CONDITIONING CONTRACTOR HP HORSEPOWER
_	SEE DETAIL 3/E306 VOICE/DATA OUTLET - AT 18" A.F.F., UNO - (2)DOUBLE GANG OPENING AND (2)	 20 AMP, 120 VOLT DUPLEX RECEPTACLE; "2" INDICATES CIRCUIT NUMBER. 20AMP, 120 VOLT DOUBLE DUPLEX RECEPTACLE. 	4"SQ X 2 1/2"DP JB AND 1"C WITH PULL LINE TO ELECTRIC DOOR OPERATOR. SOLENOID VALVE - F&I BY P.C., WIRED BY E.C.	IG ISOLATED GROUND IMC INTERMEDIATE METALLIC CONDUIT
\mathbf{V}	4"SQ.X4"DEEP J.B. WITH (4) 1"C. WITH PULL LINE T TO CABLE TRAY. (1) SINGLE GANG OPENINGS AND (1) 4"SQ. X 2 1/2"DP J.B. WITH (2) 1"C. WITH PULL LINE TO CABLE	20 AMP, 120 VOLT DUPLEX RECEPTACLE INTENDED FOR SWITCHED POWER. COLOR OF OUTLET TO BE SELECTED BY OWNER.	TC TIMECLOCK - 7 DAY DIGITAL WITH BATTERY BACK-UP.	IT INFORMATION TECHNOLOGY CONTRACTOR JB JUNCTION BOX
	TRAY. MOUNTING DESIGNATIONS: "C"=ABOVE COUNTER. WIRING AND JACKS BY I.T. SUBCONTRACTOR.	SPECIAL PURPOSE OUTLET - RATING AS INDICATED ON DRAWINGS. EXAMPLE; ELECTRIC DRYER= 30A, 125/250V, 3 POLE, 4 WIRE, NEMA 14-30R	EFS EYE WASH FLOW SWITCH-F&I BY P.C., WIRED TO SECURITY SYSTEM BY E.C.	KCMIL THOUSAND CIRCULAR MILS
T2 ▼	VOICE/DATA OUTLET - AT 18" A.F.F., UNO - (1)DOUBLE GANG OPENING AND (2) 4"SQ.X4"DEEP J.B. WITH (2) 1"C. WITH PULL LINE TO CABLE TRAY. (2) SINGLE GANG	ELECTRIC RANGE= 50A, 125/250V, 3 POLE, 4 WIRE, NEMA 14-50R 20 AMP, 120 VOLT DUPLEX RECEPTACLE FLUSH FLOOR MOUNTED WITH COVER.	TPDTEMPERATURE SENSOR - CONNECT TO SECURITY SYSTEM.LSLIMIT SWITCH.	KES KITCHEN EQUIPMENT SUPPLIER KVA KILO-VOLT AMPERE KW KILO-WATT
	OPENINGS AND (2) 4"SQ. X 2 1/2"DP J.B. WITH (2) 1"C. WITH PULL LINE TO CABLE TRAY MOUNTING DESIGNATIONS: "C"=ABOVE COUNTER. WIRING AND JACKS BY I.T. SUBCONTRACTOR.	20 AMP, 120 VOLT DOUBLE DUPLEX RECEPTACLE FLUSH FLOOR MOUNTED WITH COVER.	 BOOR BELL-COORDINATE MH WITH ARCHITECT. LOW VOLTAGE PUSHBUTTON. 	LTG LIGHTING MCB MAIN CIRCUIT BREAKER
S	CEILING FLUSH MOUNTED SPEAKER. BACKBOX FURNISHED BY IT SUBCONTRACTOR, INSTALLED BY E.C.	EWC ELECTRIC WATER COOLER OUTLET OR BOTTLE FILLING STATION - 20 AMP, 120 VOLT. PROVIDE GROUND FAULT INTERRUPTER TYPE CIRCUIT BREAKER.	DETAIL IDENTIFIER-INDICATES DETAIL #1 ON DWG. E-3.	MCC MOTOR CONTROL CENTER
⊢S	FLUSH MOUNTED WALL MOUNTED SPEAKER. BACKBOX FURNISHED BY IT SUBCONTRACTOR, INSTALLED BY E.C.	 20AMP, 120VOLT DUPLEX RECEPTACLE CONNECTED TO NORMAL/ EMERGENCY CIRCUIT. 	E-3	MH MOUNTING HEIGHT
⊢S	FLUSH MOUNTED EXTERIOR SPEAKER - BACKBOX	SURFACE RACEWAY WITH BASE, COVER, AND DIVIDER "B,C&D". IVORY FINISH. PROVIDE FIBER READY 2" RADIUS FITTINGS.	GROUND BAR 24W" X 1/8" THICK X 18" LONG COPPER BUS, U.N.O.	MLO MAIN LUGS ONLY MTD MOUNTED MTG MOUNTING
WP	FURNISHED BY I.T. CONTRACTOR, INSTALLED BY E.C. CEILING SURFACE MOUNTED SPEAKER. BACKBOX FURNISHED BY	SOLID END INDICATES RISE TO ABOVE ACCESSIBLE CEILING SPACE WITH B,C&D. 20 AMP, 120 VOLT GFI, HORIZONTALLY MOUNTED ON FURNITURE DUPLEX RECEPTACLE	SECTION IDENTIFIER- INDICATES SECTION A-A, DETAIL #2 ON DWG. E-3. EQUIPMENT TAG NUMBER, REFER TO EQUIPMENT SCHEDULE, "K" INDICATES KITCHEN	MTS MANUAL TRANSFER SWITCH NIC NOT IN CONTRACT
(S) _S	IT SUBCONTRACTOR, INSTALLED BY E.C.	 INTENDED FOR COMPUTER USE. COLOR OF OUTLET TO BE SELECTED BY OWNER. 20 AMP, 120 VOLT DUPLEX RECEPTACLE INTENDED FOR COMPUTER USE. 	K2 "C" INDICATES COMPUTER. 1 KEYED SHEET NOTE SYMBOL, "1" INDICATES TO REFER TO NOTE #1	NO,# NUMBER NTS NOT TO SCALE
V	WALL MOUNTED VOLUME CONTROL OUTLET AS DESIGNATED- SINGLE GANG JB WITH SINGLE GANG PLASTER RING AND PULL LINE IN A 1" CONDUIT TO CABLE TRAY.	COLOR OF OUTLET TO BE SELECTED BY OWNER.	3 CIRCUIT SIZE NUMBER, REFER TO "CIRCUIT SIZE SCHEDULE".	PPOLE(S)PBPULL BOX
	MOUNTING HEIGHT AT 48" A.F.F. UNLESS OTHERWISE NOTED. WIRING AND JACKS BY I.T. SUBCONTRACTOR.	 20AMP, 120VOLT DOUBLE DUPLEX RECEPTACLE INTENDED FOR COMPUTER USE. COLOR OF OUTLET TO BE SELECTED BY OWNER. TWO DUPLEX RECEPTACLES, MOUNTED AT 18" AFF AND 84" AFF. 	SB SCOREBOARD CONTROL OUTLET - WALL MOUNTED AT 18" A.F.F. OR FLOOR BOX. UNO - SINGLE GANG OPENING AND	PC PLUMBING CONTRACTOR PH, PHASE
SRP	SMART RESCUE PHONE. CUSTOM BACK BOX FURNISHED BY IT SUBCONTRACTOR AND INSTALL BY E.C. 1" CONDUIT W/PULL STRING TO CABLE TRAY BY E.C DEVICE AND WIRING BY I.T. SUBCONTRACTOR.	TWO DUPLEX RECEPTACLES, MOUNTED AT 18" AFF AND 84" AFF. RECESSED FLOOR BOX WITH (2) 20A, 120V DUPLEX RECEPTACLES AND PROVISIONS FOR (4) RJ45 JACKS EQUAL TO WIREMOLD #RFB4-XX - FPCTCBS (CARPET), FPBTCBS	4"SQ. X 2 1/2"DP J.B. WITH 1"C. WIRING AND JACKS BY I.T. CONTRACTOR. ADA	PVCPOLY-VINYL CHLORIDE CONDUITPWRPOWERREFREFRIGERATOR
ARA	AREA OF RESCUE ASSISTANCE BUTTON. CUSTOM BACK BOX FURNISHED BY IT	(WOOD FLOOR). PROVIDE 1"C FOR TEL/DATA TO NEAREST ACCESSIBLE CEILING SPACE.	CS ADA "CALL STATION", HANDS FREE. MOUNT AT 48"AFF.	RGS RIGID GALVANIZED STEEL CODUIT SN SOLID NEUTRAL
	SUBCONTRACTOR AND INSTALL BY E.C. 1" CONDUIT W/PULL STRING TO CABLE TRAY BY E.C DEVICE AND WIRING BY I.T. SUBCONTRACTOR.	RECESSED FLOOR BOX WITH (2) 20A, 120V DUPLEX RECEPTACLES AND PROVISIONS FOR (4) RJ45 JACKS EQUAL TO WIREMOLD #RFB8S-XX - FPCTCBS (CARPET), FPBTCBS	MCS ADA "MASTER CALL STATION", HANDS FREE. MOUNT AT 48"AFF.	SWBD SWITCHBOARD TEL/DATA TELEPHONE/DATA
IC	INTERCOM CALL SWITCH - AT 48" A.F.F., - SINGLE GANG JB AND 4"SQ. X 2 1/2"DP J.B. WITH 1"C. WITH PULL LINE TO CABLE TRAY. MOUNTING WIRING AND JACKS BY I.T. SUBCONTRACTOR	(WOOD FLOOR). PROVIDE (6)1"C FOR TEL/DATA TO NEAREST ACCESSIBLE CEILING SPACE.	WITH PULL CORD EXTENDING TO WITHIN 12" OF THE FLOOR.HAVAUDIO/VISUAL SIGNAL FOR SINGLE TOILETS.	TGP TELECOMMUNICATIONS GROUND BUS TYP TYPICAL
(M)H	MICROPHONE OUTLET AS DESIGNATED- SINGLE GANG FACE PLATE AND 4"SQ.X2 1/2"DPJ. BOX. E.C. SHALL PROVIDE 1"C. WITH PULL LINE TO	FLUSH MOUNTED 2 HOUR RATED POKE-THRU ASSEMBLY WITH (2) DUPLEX RECEPTACLES & (4) COMMUNICATION DEVICES EQUAL TO WIREMOLD EVOLUTION 6AT SERIES WITH SOLID BRASS FINISH RING OR EQUAL. REQUIRES 6" CORED HOLE.	MOUNT OVER DOOR. E ELECTRIC DOOR-OPERATOR. FURN. & INST. BY GC, WIRED BY EC.	UNO UNLESS NOTED OTHERWISE WG WIRE GUARD
	ACCESSIBLE CEILING SPACE. OR DIRECTLY TO AMPLIFIER WHERE EXPOSED STRUCTURE OR NON-ACCESSIBLE CLG. WIRING AND JACKS BY IT SUBCONTRACTOR.	RECESSED 2HR RATED FLOOR BOX WITH (2) 20A, 120V DUPLEX RECEPTACLES AND PROVISIONS FOR (4) RJ45 JACKS EQUAL TO WIREMOLD #RFB8S-FC - FPCTCBS (CARPET), FPBTCBS (WOOD FLOOR). PROVIDE (6)1"C FOR TEL/DATA TO NEAREST ACCESSIBLE	LS LIMIT SWITCH FURNISHED BY SYSTEM SUPPLIER, WIRED BY E.C.	WP WEATHERPROOF XFMR TRANSFORMER
AMP	SOUND SYSTEM AMPLIFIER SYSTEM FURNISHED BY IT SUBCONTRACTOR, INSTALLED AND WIRED BY EC.	CEILING SPACE. CR CR CORD REEL - REFER TO FLOOR PLANS AND CORD REEL DETAIL.		XP EXPLOSION PROOF @72" MOUNT 72 INCHES TO CENTERLINE ABOVE FINISHED FLOOR OR GRADE
A/J	AUDIO OUTLET AS DESIGNATED- SINGLE GANG FACE PLATE	<u>POWER</u>	FIRE ALARM SYSTEM	
	AND 4"SQ.X2 1/2"DPJ. BOX. E.C. SHALL PROVIDE 1"C. WITH PULL LINE TO ACCESSIBLE CEILING SPACE. OR DIRECTLY TO AMPLIFIER WHERE EXPOSED STRUCTURE OR	120/208 VOLT, 3 PHASE, 4 WIRE PANELBOARD.	$\overline{\bigtriangledown}$	E FIGHTERS PHONE (PHONE AND CABINET).
	NON-ACCESSIBLE CLG. WIRING AND JACKS BY IT SUBCONTRACTOR. FLUSH WALL MOUNTED LOCAL SOUND SYSTEM SPEAKER.	 277/480 VOLT, 3 PHASE, 4 WIRE, PANELBOARD. 120/208 VOLT, 3 PHASE, 4 WIRE NORMAL/EMERGENCY 		ST INDICATOR VALVE-F&I BY FPC, WIRED BY EC.
WP	BACKBOX_FURNISHED BY IT SUBCONTRACTOR, INSTALLED BY E.C. 1" CONDUIT WITH PULL LINE & RUN TO AMPLIFIER BY E.C	SYSTEM PANELBOARD.	FS SPEAKER/VISUAL "ADA" COMPLIANT SIGNAL - MTD 80" \bot ONI	GHT PER MANUFACTURERS RECOMMENDATION. PROVIDE E MONITOR MODULE PER SENSOR.
$(s)_{LS}$	CEILING MOUNTED LOCAL SOUND SYSTEM SPEAKER. BACKBOX FURNISHED BY IT SUBCONTRACTOR, INSTALLED BY	277/480 VOLT 3 PHASE, 4 WIRE NORMAL/EMERGENCY SYSTEM PANELBOARD. PANELBOARD FLUSH MOUNTED.	F SPEAKER/VISUAL "ADA" COMPLIANT SIGNAL - CEILING MTD. GD WAI A FI MOI MOI	LL MOUNTED COMBUSTIBLE GAS DETECTOR (CH4) . PROVIDE RE ALARM CONTROL MODULE PER DETECTOR FOR NITORING BY THE FACP. MOUNT 1' BELOW CEILING.
GS	E.C. 1" CONDUIT WITH PULL LINE & RUN TO AMPLIFIER BY E.C CEILING MOUNTED GYMNASIUM LOUDSPEAKER. BACKBOX	T5 T DRY TYPE TRANSFORMER - REFER TO TRANSFORMER SCHEDULE FOR RATINGS	SMOKE DETECTOR ALSO USED FOR ELEVATOR RECALL.	E ALARM ELECTRIC BELL (120 VOLTS), MOUNTED ABOVE E DEPARTMENT SPRINKLER CONNECTION. FURNISHED BY
	FURNISHED BY IT SUBCONTRACTOR, INSTALLED BY E.C. PROVIDE 1" CONDUIT WITH PULL LINE TO AMPLIFIER. ANTENNA WALL PLATE - AT 10'-6" A.F.F. UNO-SINGLE GANG	"T5"-INDICATES 45KVA TRANSFORMER. "K13" INDICATES TRANSFORMER WITH A K13 RATING.	SC SELF-CONTAINED 120 VOLT SMOKE DETECTOR.	.C., INSTALLED & WIRED BY E.C.
	OPENING AND 4"SQ. X 2 1/2"DP J.B. WITH 1" CONDUIT WITH PULL LINE & RUN TO AMPLIFIER BY E.C JACKS AND WIRING BY I.T.	E ELECTRIC MANHOLE T TELEPHONE MANHOLE	D FURNISHED BY EC, INSTALLED BY HVAC, WIRED BY EC.	
HA	SUBCONTRACTOR. AUDIO INPUT PLATE - AT 15" A.F.F. UNO-SINGLE GANG OPENING	C CATV MANHOLE	S D/FSD FOR CONTROL OF ASSOCIATED FSD AND UNIT SHUTDOWN FURNISHED BY EC, INSTALLED BY HVAC, WIRED BY EC.	
	AND 4"SQ. X 2 1/2"DP J.B. WITH 1" CONDUIT WITH PULL LINE & RUN TO AMPLIFIER BY E.C JACKS AND WIRING BY I.T. SUBCONTRACTOR.		$(S)_A$ SPOT TYPE SMOKE DETECTOR USED TO INITIATE ATRIUM SMOKE CONTROL F $(H)_{ADDC}$ THERMAL DETECTOR - 135°F FIXED TEMPERATURE AND	
ACS	AUDIO CONTROL STATION - AT 46" A.F.F. UNO-FIVE GANG OPENING AND 12 1/4"W X 4 1/2"H X 2 1/2"D J.B. WITH (3)1" CONDUIT WITH	$ \begin{array}{c} J \\ J \end{array} JUNCTION BOX - SIZE AS REQUIRED. \\ \\ DW (J) \\ \\ \end{array} JUNCTION BOX - WITH FLEXIBLE CONNECTION TO EQUIPMENT-"DW" DENOTES \end{array} $	RATE OF RISE. "F" INDICATES FIXED TEMPERATURE ONLY.	
	PULL LINE & RUN TO AMPLIFIER BY E.C JACKS AND WIRING BY I.T. SUBCONTRACTOR.	DISHWASHER, "H" HOOD, "WO" WALL OVEN, "D" DISPOSER, "HD" HAND DRYER.	 H 200° THERMAL DETECTOR - 200° F FIXED TEMPERATURE. - → REMOTE ALARM INDICATOR-LABEL. 	
ALS	ASSISTIVE LISTENING SYSTEM. F & I BY I.T. CONTRACTOR.	20 - INDICATES TIME DELAY FUSE SIZE. 30 - INDICATES SAFETY SWITCH SIZE	T BD BEAM SMOKE DETECTOR -"T" DESIGNATES TRANSMITTER, "R" RECEIVER.	
R	PRIORITY RELAY. F & I BY I.T. CONTRACTOR.	^{3R} UNFUSED DISCONNECT SWITCH HEAVY DUTY TYPE-"3R" INDICATES NEMA 3R	RTKEY OPERATED REMOTE TEST STATION WITH LED-LABEL.FSSPRINKLER FLOW SWITCH - F&I BY F.P.C. WIRED BY E.C.	
		RV MAGNETIC MOTOR STARTER, "RV" INDICATES REDUCED VOLTAGE.	TSSPRINKLER TAMPER SWITCH - F&I BY F.P.C. WIRED BY E.C.	
		COMBINATION FUSED DISCONNECT AND MOTOR STARTER	PSSPRINKLER PRESSURE SWITCH - F&I BY F.P.C. WIRED BY E.C.LPSSPRINKLER LOW PRESSURE SWITCH - F&I BY F.P.C. WIRED BY E.C.	
		VFD VARIABLE FREQUENCY DRIVE.	FSD FIRE SMOKE DAMPER - F&I BY HVAC CONTRACTOR, WIRED BY E.C. CONTROL MODULE AND FIRE ALARM INTERLOCK WIRED BY ELECTRICAL CONTRACTOR.	
		C MULTI-POLE CONTACTOR IN NEMA I ENCLOSURE-RATINGS AND NUMBER OF POLES AS REQUIRED.	DH MAGNETIC DOOR HOLDER - MTD 80" AFF TO ℚ.	
		CP EQUIPMENT CONTROL PANEL.	ELECTRIC DOOR CLOSER-F&I BY HARDWARE, WIRED BY EC.	
		UCP UTILITY CONTROL PANEL (LABS)	FACPFIRE ALARM CONTROL PANEL.ANNFIRE ALARM ANNUNCIATOR.	
		ATSAUTOMATIC TRANSFER SWITCH.HOAHAND-OFF-AUTOMATIC SELECTOR SWITCH.	RED FIRE ALARM BEACON-WEATHERPROOF.	
		THREE FUNCTION PUSHBUTTON SWITCH (UP/DOWN/STOP)-FURNISHED	WHITE FIRE ALARM BEACON-WEATHERPROOF.FHRED FIRE ALARM LIGHT OVER MASTER BOX-WEATHERPROOF.	
		BY EQUIPMENT SUPPLIER, INST. & WIRED BY EC.ON/OFF PUSHBUTTON SWITCH.	MMMONITOR MODULECMCONTROL MODULE	
		70AT CB ENCLOSED CIRCUIT BREAKER-"70AT" INDICATES 70 AMP 100AF TRIP; "100AF" INDICATES 100 AMP FRAME.	IM ISOLATION MODULE K KEY REPOSITORY BOX (KNOX BOX)	
		PB PULL BOX-SIZE AS REQUIRED.	FATC FIRE ALARM TERMINAL CABINET EVAC FIRE ALARM VOICE EVACUATION PANEL.	
		G GENERATOR.	FCC FIRE COMMAND CENTER	

OR

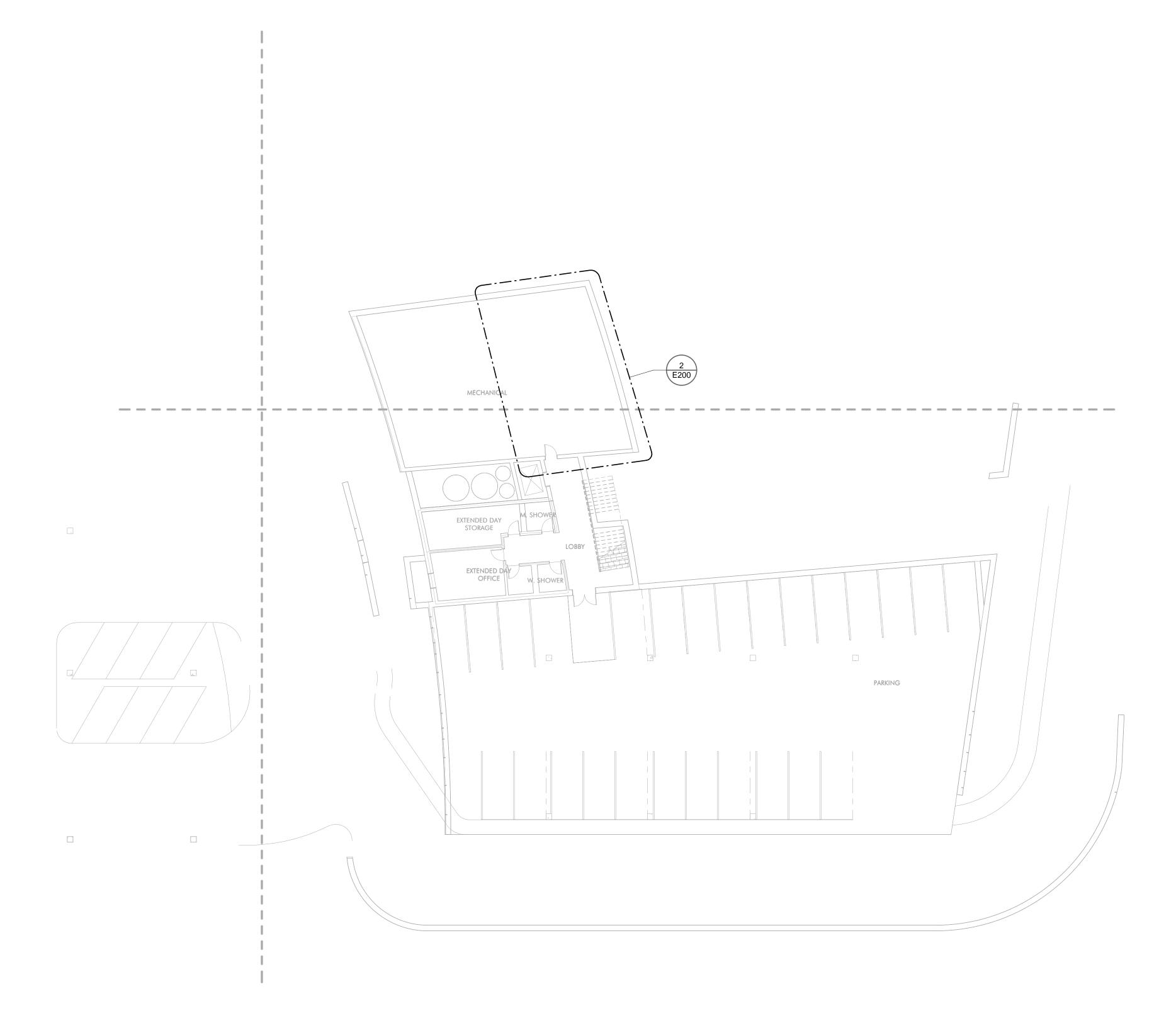
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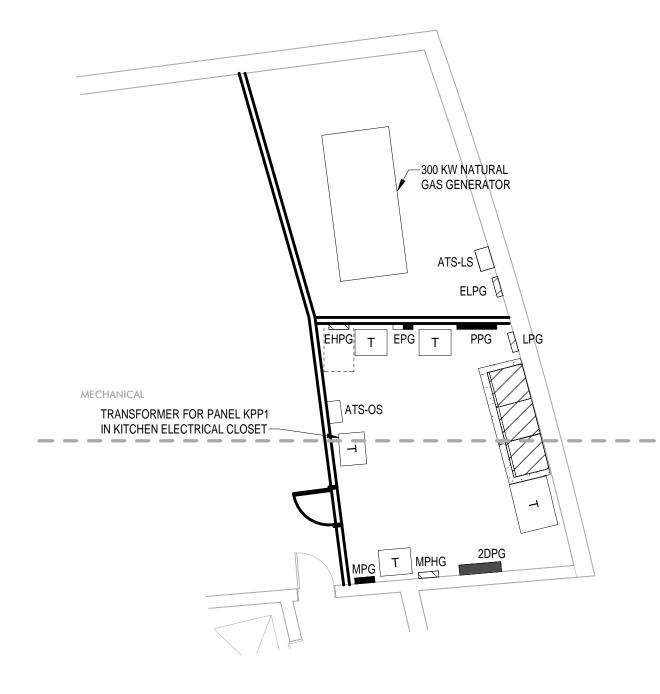
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1 GARAGE LEVEL PLAN - ELECTRICAL E200 SCALE: 1/16" = 1'-0"



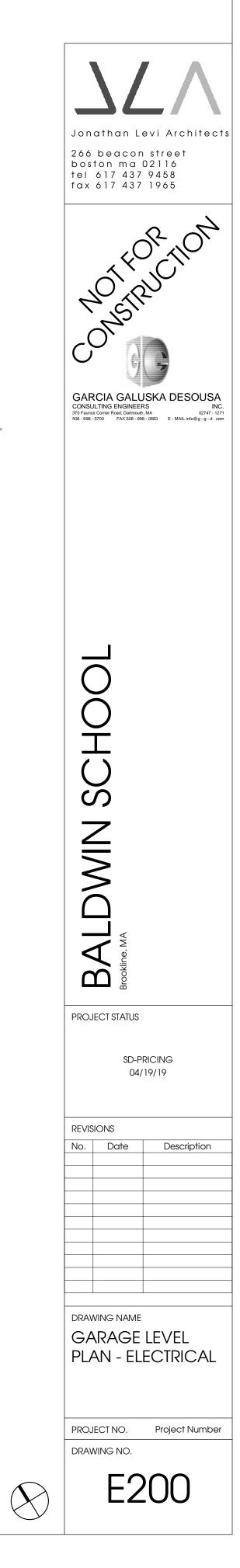
GENERAL POWER NOTES:

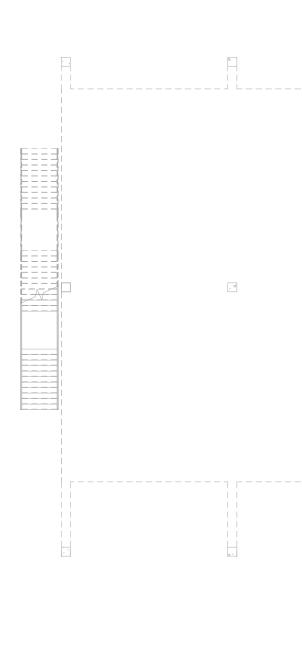
- 1. COORDINATE EXACT LOCATION OF ALL DEVICES AND EQUIPMENT WITH ARCHITECT PRIOR TO INSTALLATION.
- 2. REFER TO MECHANICAL PLANS FOR ANY CHANGES AND FOR EXACT LOCATION OF ALL HVAC EQUIPMENT.
- WIRING IS SHOWN ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS.
 WIRING AND CONDUIT SHALL BE REQUIRED BETWEEN ALL OUTLETS INDICATED WITH CIRCUIT NUMBERS AND PANEL DESIGNATIONS. 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, THWN/THHN 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 RACEWAYS AND BOXES IN ACCORDANCE WITH ARTICLE 386, 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.
- PROVIDE ALL EMPTY CONDUITS WITH PULL-STRINGS.
 TYPICALLY PROVIDE (2) 4" SLEEVES OVER EACH CORRIDOR DOOR. 15. ROVIDE (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 AUDIO/VISUAL SYSTEMS SECTION 274100 DEVICES AS SHOWN ON AV DRAWINGS. ALL LOCATIONS OF POWER AND A/V 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



2 0 - MAIN ELECTRIC ROOM E200 SCALE: 1/8" = 1'-0"

COVER. INTERLOCK w/ BOILER & WATER HEATER CONTROL PANELS. MOUNT @ 72" A.F.F. TYPICAL.





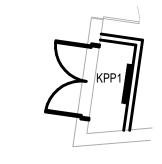
1 FIRST FLOOR PLAN - ELECTRICAL E201 SCALE: 1/16" = 1'-0"



GENERAL POWER NOTES:

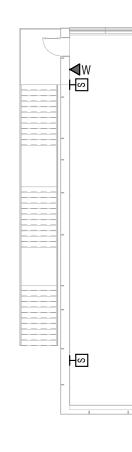
- 1. COORDINATE EXACT LOCATION OF ALL DEVICES AND EQUIPMENT WITH ARCHITECT PRIOR TO INSTALLATION.
- 2. REFER TO MECHANICAL PLANS FOR ANY CHANGES AND FOR EXACT LOCATION OF ALL HVAC EQUIPMENT.
- WIRING IS SHOWN ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS.
 WIRING AND CONDUIT SHALL BE REQUIRED BETWEEN ALL OUTLETS INDICATED WITH CIRCUIT NUMBERS AND PANEL DESIGNATIONS.
- 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, THWN/THHN 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.
- 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.
- 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. ROVIDE (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.
- 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 PRÓVIDE ALL BOXES AND CONDUITS REQUIRED FOR AUDIO/VISUAL SYSTEMS SECTION 274100 DEVICES AS SHOWN ON AV DRAWINGS. ALL LOCATIONS OF
- POWER AND A/V 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.



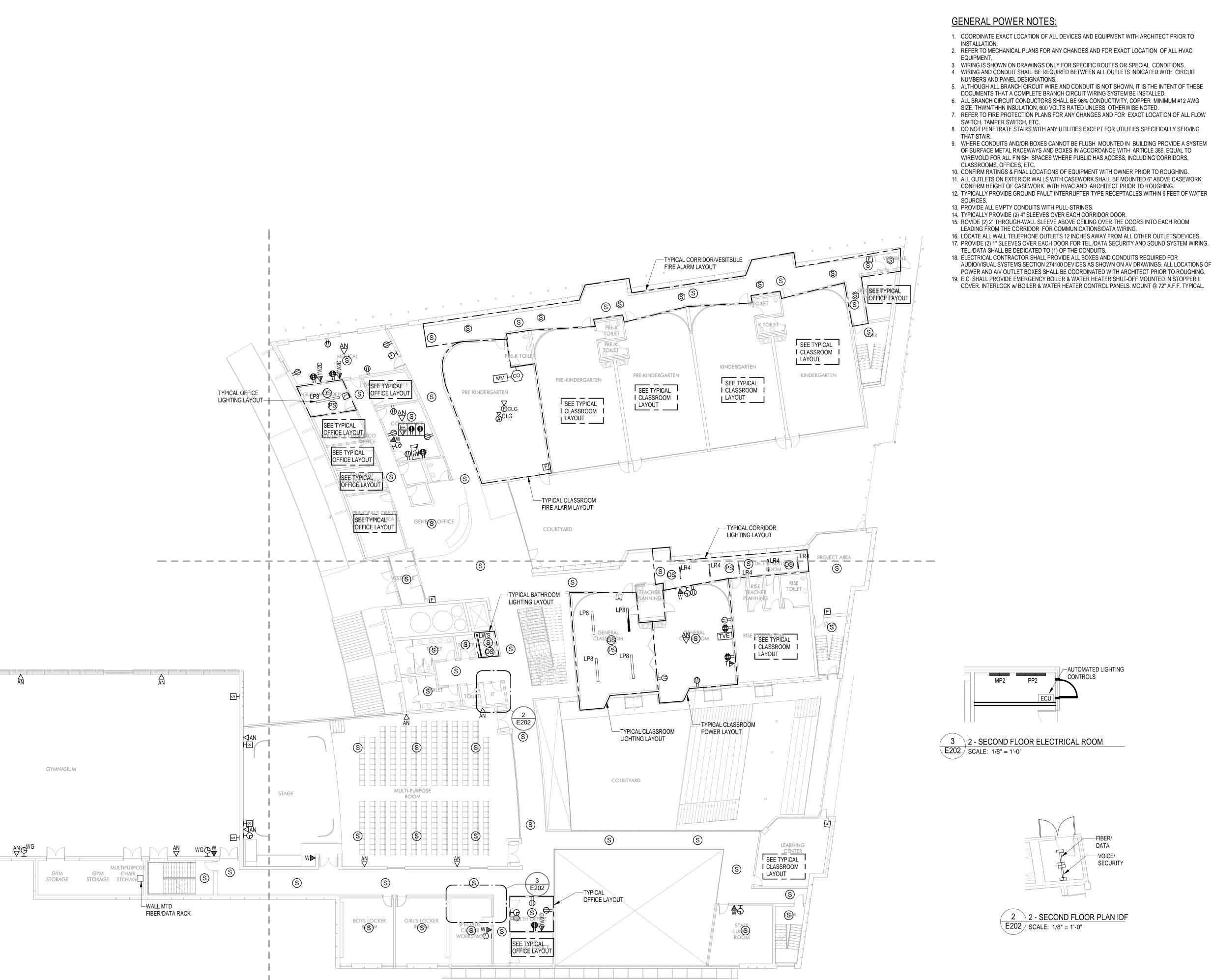


2 1 - KITCHEN ELECTRICAL CLOSET E201 SCALE: 1/8" = 1'-0"





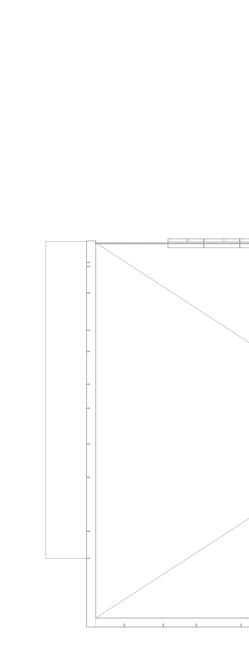




1 SECOND FLOOR PLAN - ELECTRICAL







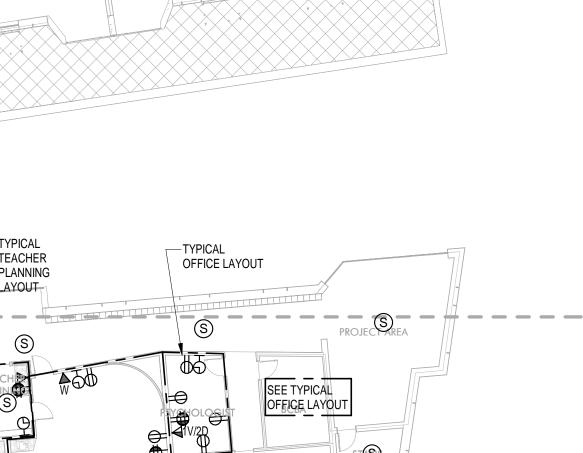


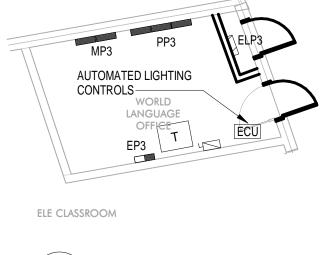


GENERAL POWER NOTES:

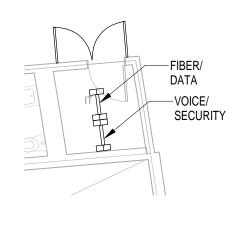
- 1. COORDINATE EXACT LOCATION OF ALL DEVICES AND EQUIPMENT WITH ARCHITECT PRIOR TO INSTALLATION. 2. REFER TO MECHANICAL PLANS FOR ANY CHANGES AND FOR EXACT LOCATION OF ALL HVAC
- EQUIPMENT. 3. WIRING IS SHOWN ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS. 4. WIRING AND CONDUIT SHALL BE 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, THWN/THHN 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 RACEWAYS AND BOXES IN ACCORDANCE WITH ARTICLE 386, 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. ROVIDE (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 AUDIO/VISUAL SYSTEMS SECTION 274100 DEVICES AS SHOWN ON AV DRAWINGS. ALL LOCATIONS OF POWER AND A/V 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

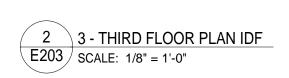
WORLD LANGUAGE CLASSROOM

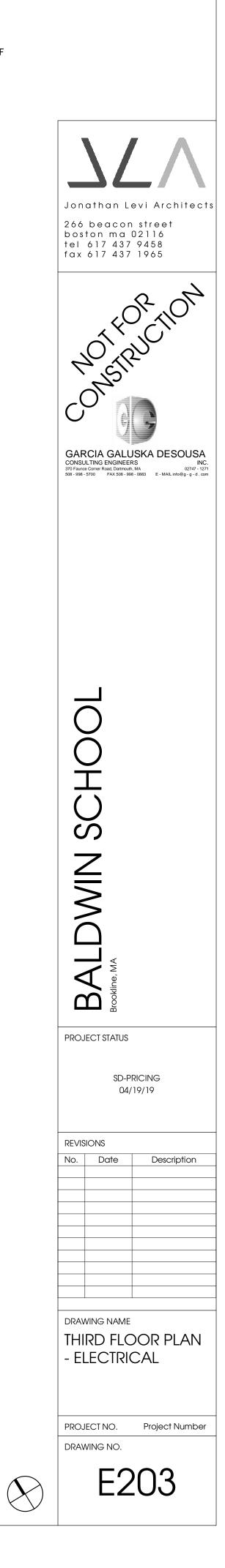




3 3- THIRD FLOOR ELECTRIC ROOM E203 SCALE: 1/8" = 1'-0"





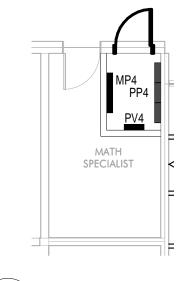


COVER. INTERLOCK w/ BOILER & WATER HEATER CONTROL PANELS. MOUNT @ 72" A.F.F. TYPICAL.

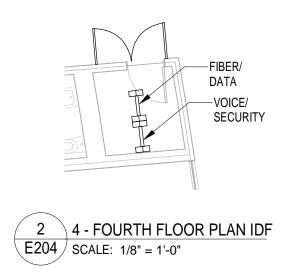


GENERAL POWER NOTES:

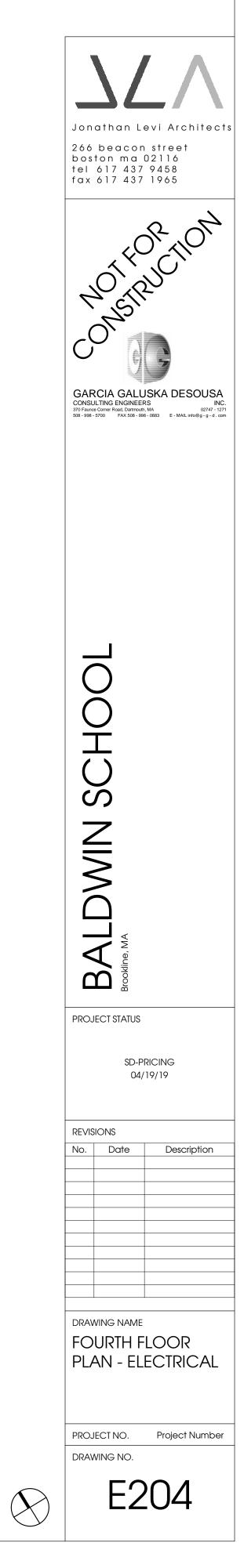
- COORDINATE EXACT LOCATION OF ALL DEVICES AND EQUIPMENT WITH ARCHITECT PRIOR TO INSTALLATION. 2. REFER TO MECHANICAL PLANS FOR ANY CHANGES AND FOR EXACT LOCATION OF ALL HVAC EQUIPMENT.
- WIRING IS SHOWN ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS.
 WIRING AND CONDUIT SHALL BE REQUIRED BETWEEN ALL OUTLETS INDICATED WITH CIRCUIT NUMBERS AND PANEL DESIGNATIONS.
- 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, THWN/THHN 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.
- 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.
- 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.
- PROVIDE ALL EMPTY CONDUITS WITH PULL-STRINGS.
 TYPICALLY PROVIDE (2) 4" SLEEVES OVER EACH CORRIDOR DOOR. 15. ROVIDE (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 PRÓVIDE ALL BOXES AND CONDUITS REQUIRED FOR AUDIO/VISUAL SYSTEMS SECTION 274100 DEVICES AS SHOWN ON AV DRAWINGS. ALL LOCATIONS OF POWER AND A/V OUTLET BOXES SHALL BE COORDINATED WITH ARCHITECT PRIOR TO ROUGHING.



3 4 - FOURTH FLOOR ELECTRICAL ROOM E204 SCALE: 1/8" = 1'-0"

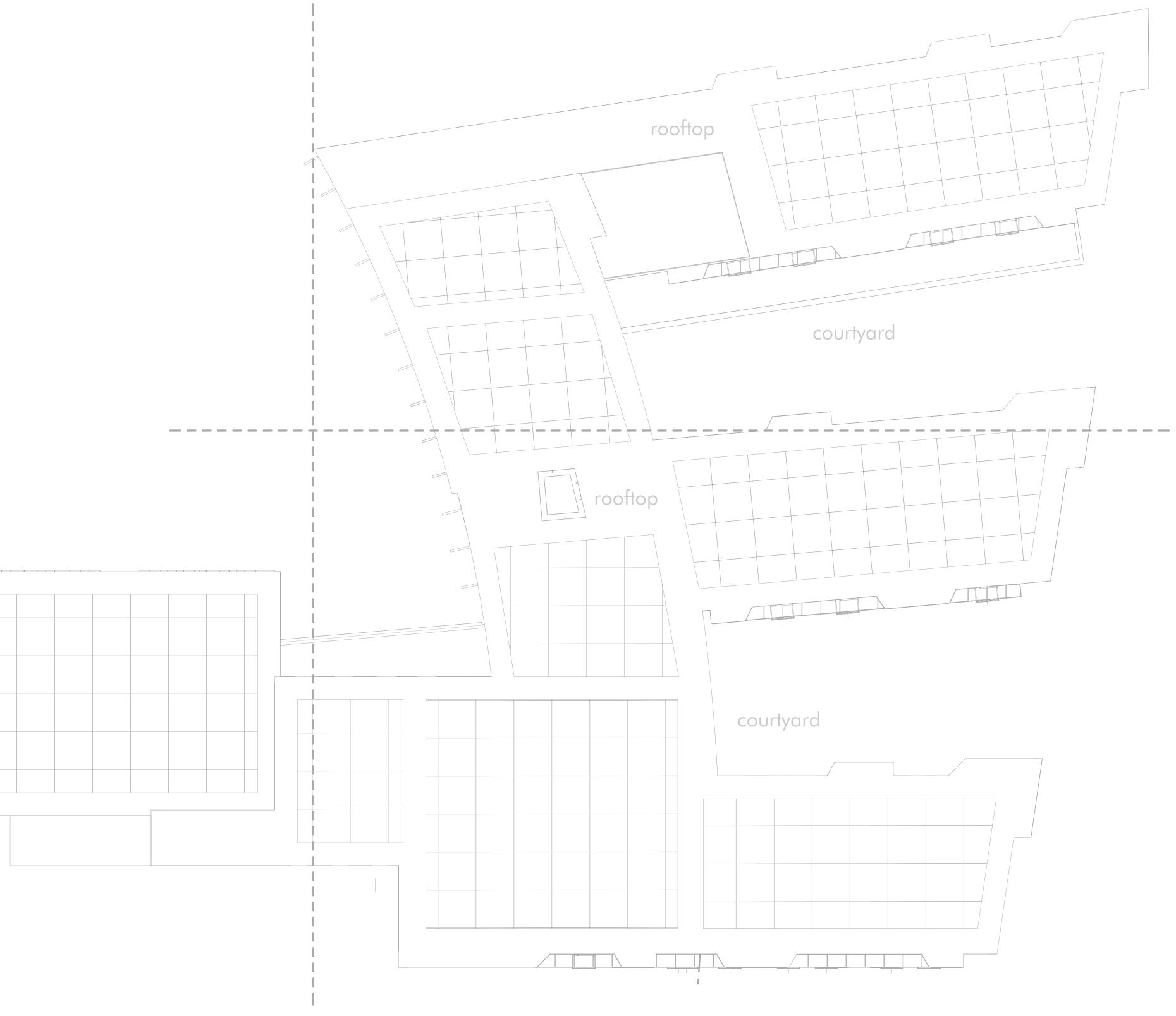


19. E.C. SHALL PROVIDE EMERGENCY BOILER & WATER HEATER SHUT-OFF MOUNTED IN STOPPER II COVER. INTERLOCK w/ BOILER & WATER HEATER CONTROL PANELS. MOUNT @ 72" A.F.F. TYPICAL.



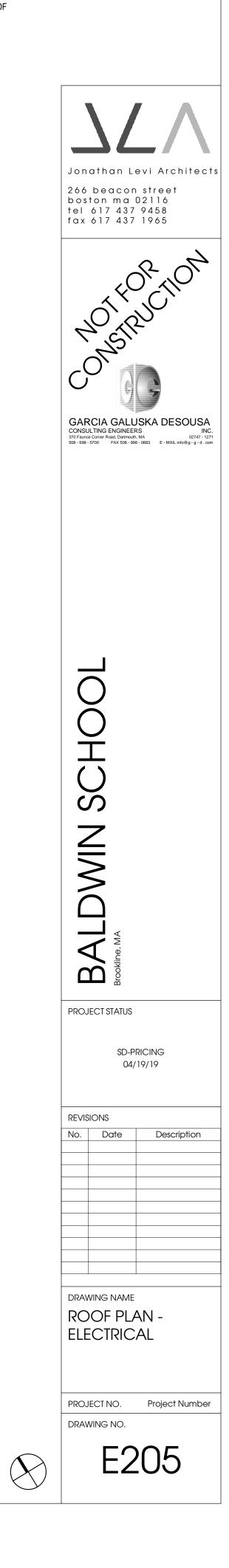


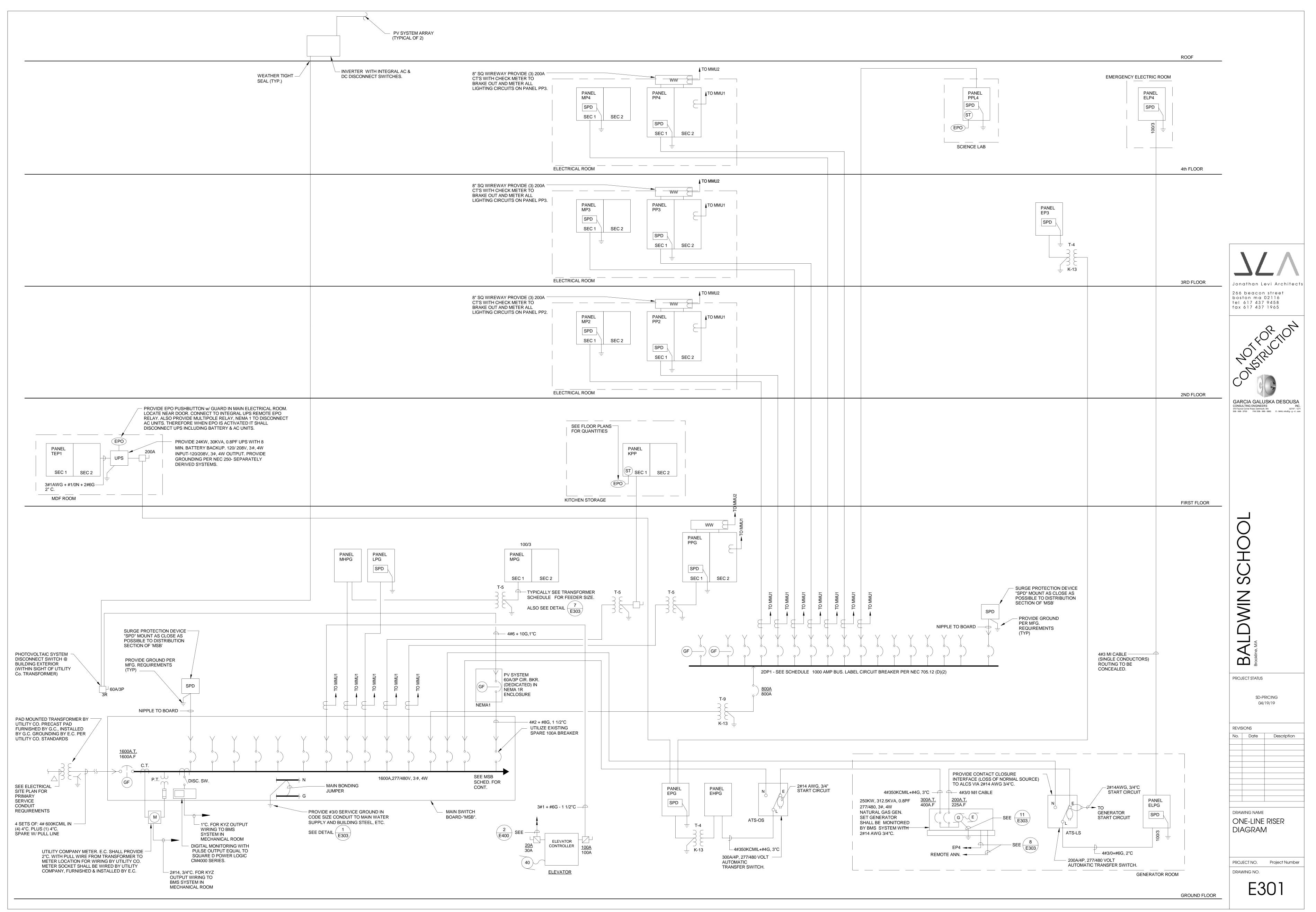
1 ROOF PLAN - ELECTRICAL E205 SCALE: 1/16" = 1'-0"

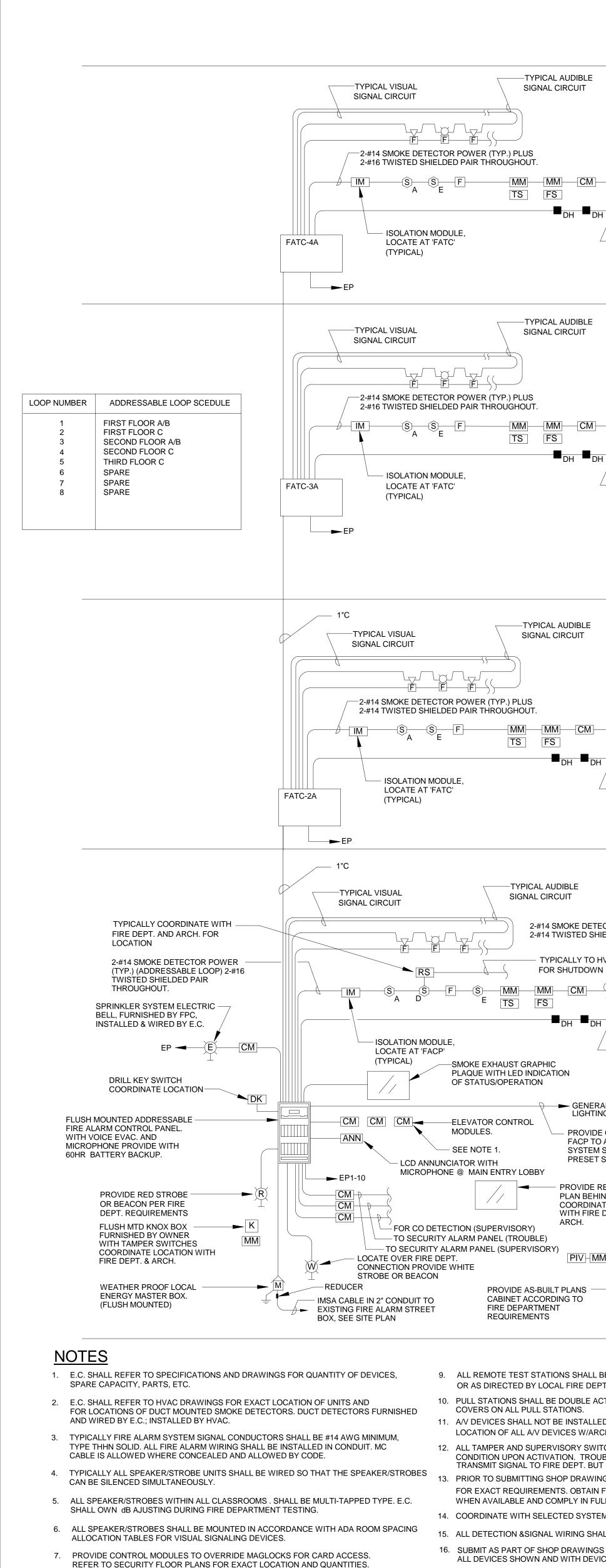


GENERAL POWER NOTES:

- 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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- 7. 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,
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- 15. ROVIDE (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.
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- 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.







8. ALL DEVICES SHALL BE LABELED WITH CLEAR TAPE WITH BLACK INK. LABEL SHALL IDENTIFY LOOP# AND DEVICE NUMBER.

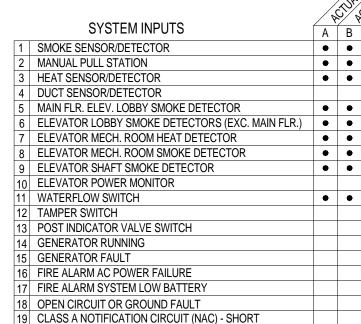
17. PROVIDE ISOLATION MODULE FOR EVE

	▲		
			MAXIMUM
		1	20' x 20 30' x 30
	MM LS OPEN II MM II MM LS OPEN		40' x 40 44' x 44 50' x 50 53' x 53
PROVIDE MONITOR MODULE – WITH CURRENT LIMITED OPERATION FOR DAMPER POSITION "OPEN" AND	LS CLOSE		55' x 55 59' x 59 63' x 63
"CLOSE" ACKNOWLEDGE/STATUS (TYP.)	TOTAL 3 LOCATIONS SWITCH TOTAL 3 LOCATIONS	_	68' x 68 70' x 70
	BD		20' x 20 30' x 30 44' x 44
			46' x 46 50' x 50 53' x 53
TYPICAL DETECTION	EF-1		55' x 55 59' x 59 63' x 63
	VFD CM MM / 4#14AWG IN 3/4"C. (TYP)		68' x 68 70' x 70
	EF-2 VFD VFD CM CM		20' x 20 30' x 30 50' x 50
	MM 2#14AWG IN 3/4"C. (TYP)		53' x 53 55' x 55 59' x 59
SEE NOTE #2	4		63' x 63 68' x 68 70' x 70
	SMOKE EXHAUST SYSTEM. SEE SEQUENCE OF OPERATIONS		
FOURTH FLOOR		FOURTH FLOOR	
TYPICAL DETECTION			
THIRD FLOOR		THIRD FLOOR	
	ATRIUM		
TYPICAL DETECTION			
SECOND FLOOR		SECOND FLOOR	
			FIRE/SM
			ELEVATOR DAMPER TO & OPEN UP
CTOR POWER (TYP.) PLUS ELDED PAIR THROUGHOUT.			OR ALARM
VAC UNIT			TO BLDG. F. ELEV. MACH
	CONTROL PANEL WITH (10) CONTROL OUTPUT WINDOW ACTUATOR		
PROVIDE MONITO	NFPA72 24.5.2.6.1		REMAINING DESIGNATE
TYPICAL DETECTION	UPERVISORY) CP CP CP		ELEVATOR FIELD COOF
MM SIGNAL BOOSTE	/ER (SUPERVISORY)		NEMA 1, FUS W/FUSE SIZ BY ELEVATO
IG CONTROL SYSTEM			WITH MICRO SEE ONE LII REQUIREME
SSU TO INITIATE "EMERGENCY MODE" CU SCENE UPON GENERAL ALARM. FO	OVIDE MONITOR MODULE WITH		<u>SEC</u> 1.
PC FO	R MAKE-UP AIR AT OPERABLE SOUTH ATRIUM (5 PER MODULE) NORTH ATRIUM		2. 3.
MD PLEXIGLASS TE LOCATION DEPT & MM GENERATOR RUNNING MM GENERATOR FAILURE	CM CM CM CM MUTE LOCAL SOUND CURRENT LIMITED OPER/ CM CM C	ATION FOR DSITION FOR	4. 5.
LOCATE INSIDE BUILDING MM SPARE	CM CM CAFETERIA, MULTIPURPOSE WINDOWS ROOM, AND EACH MUSIC/CHORUS/LIBRARY	3LE	5. 6.
GENERATOR MON	ITORING 1 FIRE ALARM RISER DIAGRAM		7. 8.
	E405 N.T.S.	,	
		FIRST FLOOR	2 E405
BE KEYED AND MOUNTED ADJACENT TO FACP T. LABEL EACH UNIT.	 PROVIDE INTERFACE WITH SECURITY SYSTEM SO THAT ACTUATION OF FIRE ALARM SYSTE NOTIFY SECURITY SYSTEM TO UNLOCK SECURED DOORS REQUIRED BY THE FIRE DEPT. PLANE 		THE ATRIUM SPACE
TION. PROVIDE TAMPER RESISTANT PLASTIC	CONTROL MODULE AT EACH ELECTRIFIED DOOR. 19. PROVIDE CONTACT CLOSURE INTERFACE TO AUTOMATED LIGHTING CONTROL SYSTEM (AI	LCS) VIA A	THE SPRINKLER ZO THE SPRINKLER SY ZONES THAT ARE N THE SMOKE CONTR DAMPERS (TOTAL C
D WITHIN CHALK BOARDS. COORDINATE EXACT CH. PRIOR TO INSTALLING. CHES SHALL BE WIRED AS LOCAL SUPERVISONS ALARM	 SINGLE PAIR OF 2#18 CONDUCTORS. WHEN FIRE ALARM SYSTEM GOES INTO ALARM A SIG BE ISSUED TO ALLOW THE ALCS TO TURN ALL INTERIOR AND EXTERIOR LIGHTING "ON". 20. PROGRAMMING OF ADDRESSES SHALL BE COORDINATED WITH THE FIRE DEPARTMENT TO TURN ALL INTERIOR AND EXTERIOR ADDRESSES SHALL BE COORDINATED WITH THE FIRE DEPARTMENT TO TURN ALL ADDRESSES SHALL BE COORDINATED WITH THE FIRE DEPARTMENT TO TURN ADDRESSES SHALL BE COORDINATED WITH THE FIRE DEPARTMENT TO TURN ADDRESSES SHALL BE COORDINATED WITH THE FIRE DEPARTMENT TO TURN ADDRESSES SHALL BE COORDINATED WITH THE FIRE DEPARTMENT TO TURN ADDRESSES SHALL BE COORDINATED WITH THE FIRE DEPARTMENT TO TURN ADDRESSES SHALL BE COORDINATED WITH THE FIRE DEPARTMENT TO TURN ADDRESSES SHALL BE COORDINATED WITH THE FIRE DEPARTMENT TO TURN ADDRESSES SHALL BE COORDINATED WITH THE FIRE DEPARTMENT TO TURN ADDRESSES SHALL BE COORDINATED WITH THE FIRE DEPARTMENT TO TURN ADDRESSES SHALL BE COORDINATED WITH THE FIRE DEPARTMENT TO TURN ADDRESSES SHALL BE COORDINATED WITH THE FIRE DEPARTMENT TO TURN ADDRESSES SHALL BE COORDINATED WITH THE FIRE DEPARTMENT TO TURN ADDRESSES SHALL BE COORDINATED WITH THE FIRE DEPARTMENT TO TURN ADDRESSES SHALL BE COORDINATED WITH THE FIRE DEPARTMENT TO TURN ADDRESSES SHALL BE COORDINATED WITH THE FIRE DEPARTMENT TO TURN ADDRESSES SHALL BE COORDINATED WITH THE FIRE DEPARTMENT TO TURN ADDRESSES SHALL BE COORDINATED WITH THE FIRE DEPARTMENT TO TURN ADDRESSES SHALL BE COORDINATED WITH THE FIRE DEPARTMENT TO TURN ADDRESSES SHALL BE COORDINATED WITH THE FIRE PARTMENT FIRE ADDRESSES SHALL BE COORDINATED WITH THE FIRE ADDRESSES SHALL BE COORDINAT) MATCH	DAMPERS (TOTAL C SIDES OF THE ATRI THE AVAILABLE PO UPON DETECTION (
BLE OR SUPERVISORY SHALL BE SELF RESTORING. DO NOT ALARM BUILDING.	 THE LOCAL FIRE DEPT. LABELING PROTOCOL. DEVICE ADDRESS DESCRIPTIONS TO BE ISS THE ARCHITECT AND FIRE DEPT. FOR APPROVAL PRIOR TO FINAL PROGRAMMING. 21. TYPICALLY PROVIDE (1) MONITOR MODULE FOR EACH CARBON MONOXIDE, GAS DETECTOR 	SUED TO	THE FIRE ALAR THE MAKE-UP /
FIRE PREVENTION RULES AND REGULATIONS _L.	 PROVIDE #18/2C TWISTED SHIELDED CABLE FROM FACP TO EACH LOCAL SOUND SYSTEM I 		OF ATRIUM ANI OPERATORS W A FAULT COND • SIMULTANEOU
M MANUFACTURER FOR WIRING REQUIREMENTS. .LL BE CLASS "A".	 23. PROVIDE #18/2C TWISTED SHIELDED CABLE FROM FACP TO EACH LOCAL SOUND SYSTEM CAFETORIUM, GYMNASIUM & MEDIA ROOM. 24. PROVIDE (4) H.O.A. SWITCHES IN FACP FOR FIRE DEPT USE. PROVIDE (1) CONTROL MODUL TO EACH STARTER/VFD SO THAT EXHAUST FANS FOR ATRIUM SMOKE EXHAUST SYSTEM S 	LES ADJACENT	SHALL INDICAT A FAULT COND • SMOKE EXHAU • THE SMOKE CO
	 25. ALL WIRING FOR ATRIUM DETECTION AND CONTROL SYSTEM SHALL BE FULLY ENCLOSED RACEWAYS PER IBC 909.12.1. 	ERVING ATRIUM.	WILL CYCLE TH • TWO (2) HAND- • H.O.A. SWITCH
ERY 25 DEVICES, TYPICAL.			 THE MAKE-UP / IN THE EVENT I FIRE/SMOKE D/

M ROOM	MAXIMUM LENS HEIGHT	MINIMUM REQUIRED LIGHT OUTPUT (EFFECTIVE INTENSITY) ; ONE LIGHT (cd)
0'	10	15
0'	10	30
D'	10	60
4'	10	75
0'	10	95
3'	10	110
5'	10	115
9'	10	135
3'	10	150
8'	10	177
0'	10	185
0'	20	30
0'	20	45
4'	20	75
6'	20	80
0'	20	95
3'	20	110
5'	20	115
9'	20	135
3'	20	150
8'	20	177
0'	20	185
0'	30	55
0'	30	75
D'	30	95
3'	30	110
5'	30	115
9'	30	135
3'	30	150
8'	30	177
0'	30	185

	ROOM SPACING FOR WA	LL-MOUNTED VISIBLE APPLIANCES	
		RED LIGHT OUTPUT E INTENSITY (cd)	
MAXIMUM ROOM SIZE	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'	15	NA	NA
28' x 28'	30	UNKNOWN	NA
30' x 30'	34	15	NA
40' x 40'	60	30	15
45' x 45'	75	UNKNOWN	19
50' x 50'	94	60	30
54' x 54'	110	UNKNOWN	30
55' x 55'	115	UNKNOWN	28
60' x 60'	135	95	30
63' x 63'	150	UNKNOWN	37
68' x 68'	177	UNKNOWN	43
70' x 70'	184	95	60
80' x 80'	240	135	60
90' x 90'	304	185	95
100' x 100'	375	240	95
110' x 110'	455	240	135
120' x 120'	540	305	135
130' x 130'	635	375	185

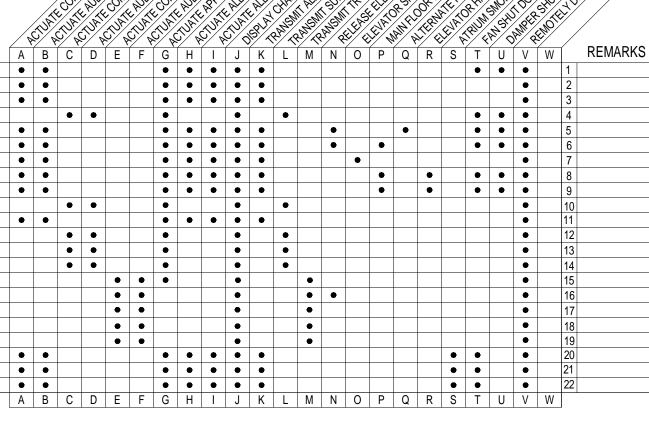
NOTIFICATION



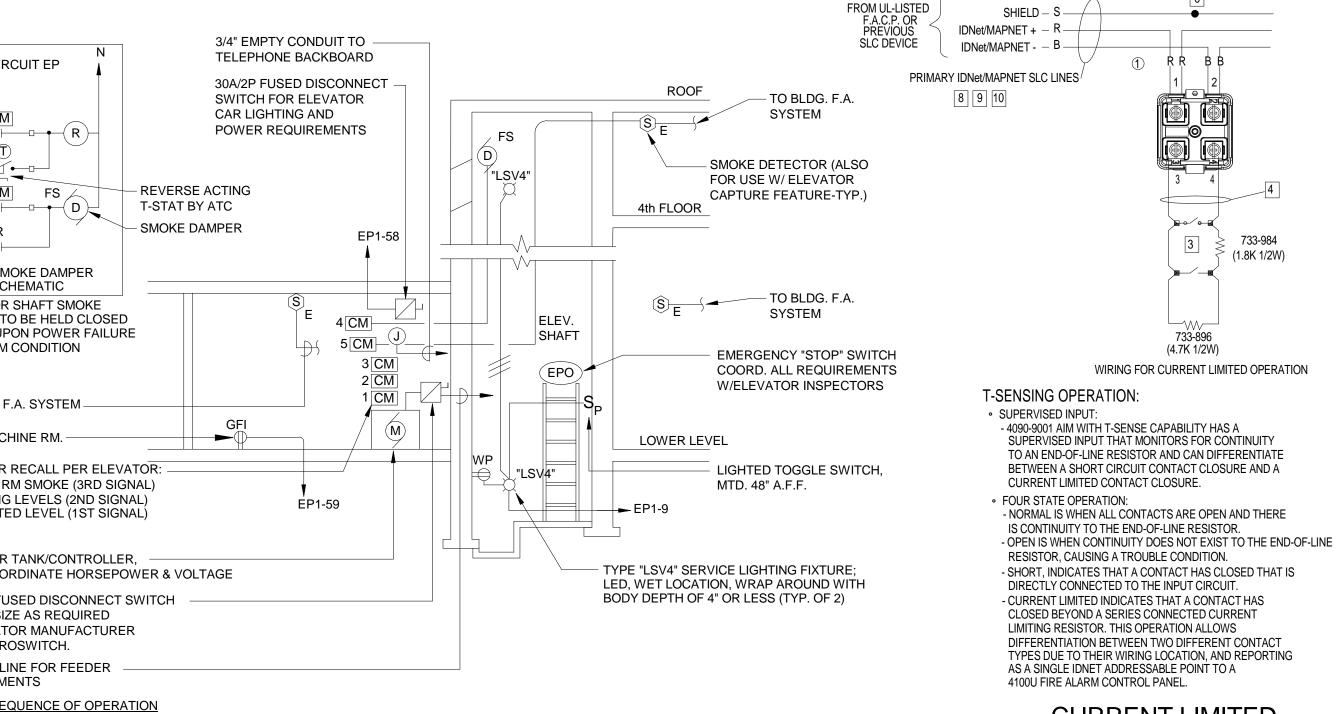
ATRIUM SPRINKLER ZONE

ATRIUM BEAM DETECTOR

22 ATRIUM SPOT TYPE DETECTOR



CONTROL UNIT ANNUNCIATION



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 FIREFIGHTERS 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.

ELEVATOR SHAFT AND MACHINE ROOM (NO SPRINKLER) DETAIL

N.T.S. SEQUENCE OF OPERATION FOR SMOKE EXHAUST SYSTEM

E INCLUDES A CENTRAL VERTICAL OPENING THROUGH ALL FOUR FLOORS. THE BUILDING IS PROTECTED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM. CONE SERVING THE ATRIUM, CONSISTS OF EXPOSED UPRIGHT HEADS AT ATRIUM SKYLIGHTS.

'STEM IN THE NON-ATRIUM ZONES (EACH FLOOR WITH EXCEPTION ATRIUM SKYLIGHTS) WILL BE ZONED SEPARATELY FROM THE SPRINKLER SYSTEM PROTECTING THE ATRIUM. ACTIVATION OF SPRINKLER NOT PART OF ATRIUM ZONE WILL NOT INITIATE ATRIUM SMOKE CONTROL SYSTEM. TROL SYSTEM CONSISTS OF TWO ROOF MOUNTED EXHAUST FANS WITH VFD'S. THE EXHAUST DUCT FOR EACH FAN IS ROOF MOUNTED AND TRAVELS FROM EACH FAN TO THREE SEPARATE FIRE/SMOKE OF 6) LOCATED WITHIN THE DUCTWORK PRIOR TO PENETRATING THE ATRIUM SKYLIGHTS. THE MAKE-UP AIR SYSTEM CONSISTS OF OPERABLE WINDOWS LOCATED ON THE FIRST FLOOR NORTH AND SOUTH

OWER IS MONITORED AT EACH VFD AND EACH DISCONNECT SWITCH.

I OF SMOKE FROM ATRIUM BEAM DETECTORS, ATRIUM SPOT TYPE SMOKE DETECTOR OR ATRIUM SPRINKLER ZONE, THE SMOKE CONTROL SYSTEM SHALL OPERATE AS FOLLOWS: RM PANEL SHALL ACTIVATE AUTOMATIC SEQUENCE AND START "AUTO" MODE. AIR HANDLERS AHU-1 AND AHU-2 SHALL SHUT DOWN.

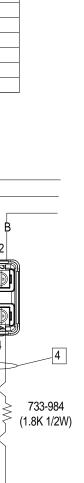
P AIR SYSTEM SHALL INITIATE. THE MAKE-UP AIR SYSTEM CONSISTS OF (2) LOCATIONS OF OPERABLE WINDOWS LOCATED ON FIRST FLOOR. THERE ARE TWENTY (20) OPERABLE WINDOWS ON THE NORTH SIDE ND THREE (3) OPERABLE WINDOWS ON SOUTH SIDE OF ATRIUM. LIMIT SWITCHES AT ALL MOTORIZED WINDOWS WILL CONFIRM STATUS OF WINDOW "OPEN" AND "CLOSED" POSITION. THE MULTIPLE WINDOW WILL BE GROUPED IN SERIES OF (5) 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 DITION WILL INDICATE ON THE FIRE SMOKE CONTROL PANEL USLY 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)

ATE STATUS AT 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 DITION WILL INDICATE ON THE FIRE SMOKE CONTROL PANEL UST FANS EF-1 AND EF-2 SHALL ACTIVATE UPON SIGNAL FROM FIRE SMOKE CONTROL PANEL ONCE "OPEN" STATUS OF FIRE/SMOKE DAMPERS AND MAKE-UP AIR SYSTEM IS CONFIRMED. 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, THE SMOKE EXHAUST FANS AND MOTORIZED WINDOWS TO SUITE SITE CONDITIONS.

D-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. HES FOR EXHAUST FANS SHALL ALSO OVERRIDE FIRE/SMOKE DAMPERS, RESPECTIVELY.

P AIR H.O.A. SWITCHES WILL TOTAL FIVE. THE SWITCHES SHALL BE GROUPED ONE (1) FOR SOUTH ATRIUM WINDOW OPERATORS AND FOUR (4) FOR NORTH WINDOW OPERATORS. LIMIT SWITCHES ON THE MAKEUP AIR SYSTEM AND/OR FIRE/SMOKE DAMPERS DO NOT INDICATE "OPEN" STATUS, AN ALARM SHALL BE INITIATED AT THE FIRE SMOKE CONTROL PANEL. IF AT LEAST 1/3 OF THE DAMPERS AND OPERABLE WINDOWS INDICATE "OPEN" STATUS THE SMOKE CONTROL SYSTEM SHALL FUNCTION AND OPERATE PER THE SEQUENCE AT A REDUCED CAPACITY. A FAULT INDICATION SHALL BE RANSMITTED TO THE FIRE SMOKE CONTROL PANEL IF EACH GROUP OF WINDOWS DO NOT PROVE "OPEN" WITHIN 90 SECONDS INDICATE "FAULT" STATUS.







3

E405 N.T.S.

