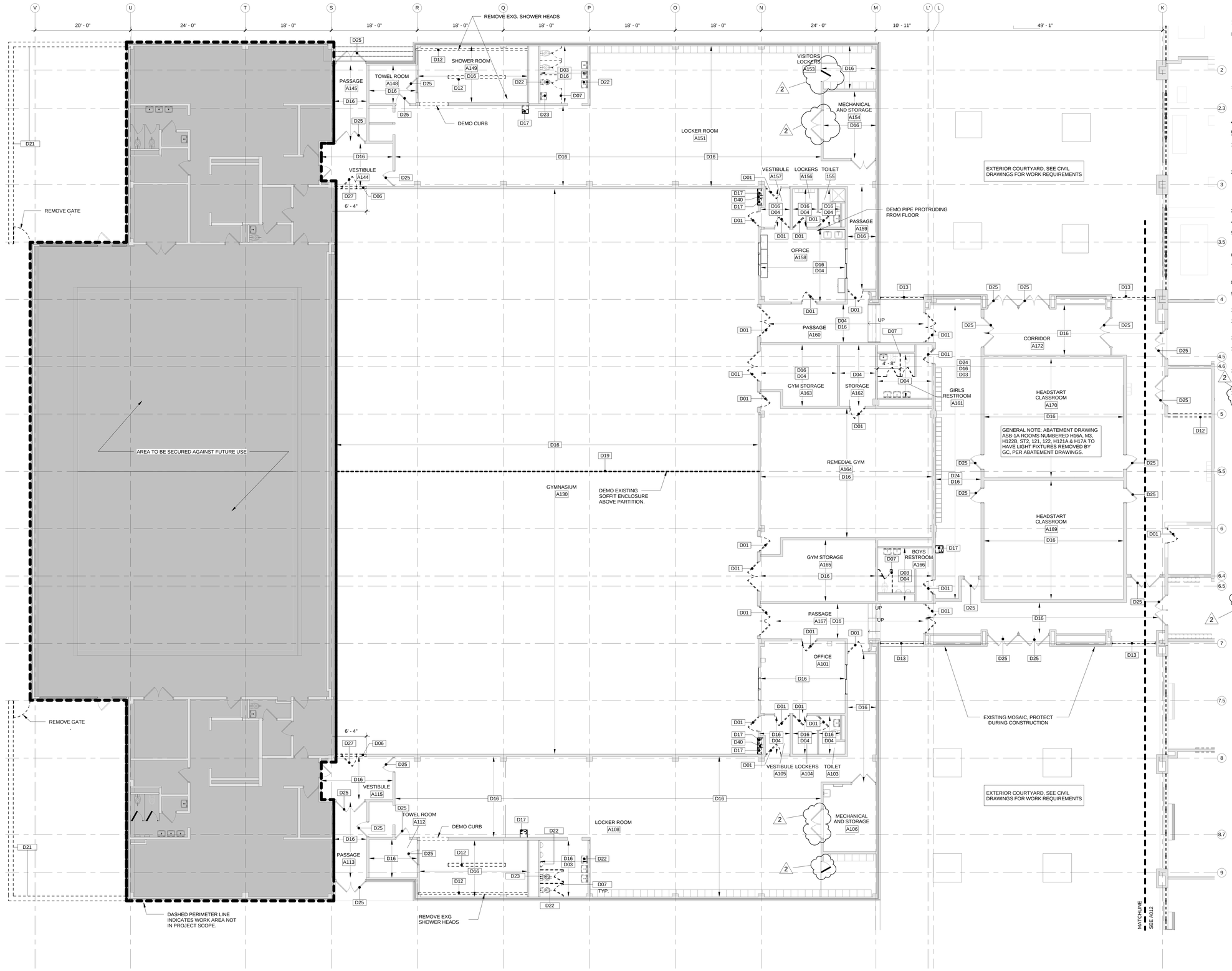

1 FIRST FLOOR DEMO PLAN BLDG A

AD011 SCALE: 1/8" = 1'-0"

DEMOLITION LEGEND

- CLASSROOM 101 — ROOM TAG
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- D01 — DEMOLITION KEYNOTE APPLIES TO OBJECT INDICATED
- D01 — DEMO TAG APPLIES TO AREA
- EXISTING DOOR TO BE REMOVED. RETAIN DOOR FRAME. D01, TYP., U.N.O.
- REMOVE CARPET
- PERIMETER LINE FOR NOT IN SCOPE WORK

GENERAL NOTES:

1. ALL DIMENSIONS ARE TO FACE OF MASONRY, ROUGH FRAME, OR CENTER LINE OF COLUMN, TYP. UNLESS OTHERWISE NOTED. CONTRACTORS SHALL VERIFY DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
2. ENVIRONMENTAL REMEDIATION WILL BE PROVIDED BY THE GENERAL CONTRACTOR. THE SCOPE OF WORK INCLUDES REMOVAL OF MOLD AND ASBESTOS CONTAINING MATERIALS AND ABATEMENT REQUIRED FOR OTHER WORK AS NOTED. ABATEMENT WILL OCCUR IN COORDINATION WITH DEMOLITION WORK PER PHASE. REFER TO ABATEMENT DRAWINGS AND SPECIFICATIONS.
3. ALL EXISTING FURNITURE WILL BE REMOVED IN ITS ENTIRETY BY OWNER BY PHASE.
4. WHERE WOOD DOORS ARE SHOWN TO BE REMOVED, RETAIN EXISTING FRAMES.
5. GC TO REMOVE ALL TOILET ACCESSORIES (SOAP DISPENSERS, TOILET PAPER DISPENSERS, RECEPTACLES, PAPER TOWEL DISPENSERS, MIRRORS FROM TOILET ROOMS, AND STORE FOR REINSTALLATION.
6. GC TO REMOVE ALL TOILET PARTITIONS AND URINAL SCREENS.
7. SALVAGED ITEMS ARE TO BE RELOCATED IN NEW DESIGN OR TURNED OVER TO OWNER. REFERENCE DRAWINGS FOR NEW LOCATIONS OF ITEMS, WHERE NOTED.
8. SUSPENDED ACT CEILINGS AND GRIDS ARE TO BE REMOVED THROUGHOUT THE EXISTING SCHOOL BY GC.
9. GC TO REMOVE ALL EXTERIOR WINDOWS/WINDOW SYSTEMS EXCEPT AREAS NOTED AS NOT IN PROJECT SCOPE.
10. ALL WORK BY GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.
11. ALL EXISTING WALL AND CEILING MOUNTED SPEAKERS ARE TO BE REMOVED, CLEANED, AND REINSTALLED BY EC. REFER TO ABATEMENT DRAWINGS & SPECIFICATIONS.
12. GC TO REMOVE ALL MISCELLANEOUS EQUIPMENT, FASTENERS, ETC, AND PATCH & PREP WALL.
13. GC TO COORDINATE AND PROVIDE SPOT REMOVAL OF EXISTING FLOOR TILE AND INSTALLATION OF NEW TILE AS REQ'D TO SUPPORT WORK OF OTHER TRADES. REFER TO ABATEMENT DRAWINGS AND SPECIFICATIONS.
14. EC TO REMOVE LIGHT FIXTURES IN ROOMS NOT CALLED OUT FOR AAC REMOVAL OF LIGHT FIXTURES. REFER TO ABATEMENT DRAWINGS FOR LOCATIONS OF AAC LIGHT REMOVAL SCOPE.
15. GC TO REMOVE CHAIR DESIGNATED WITH SYMBOL, TYP.

DEMOLITION KEYNOTE LEGEND

Key Value	Keynote Text
D01	GC TO REMOVE EXISTING DOOR SYSTEM AND HARDWARE; RETAIN ASSOCIATED FRAMES. REFER TO ABATEMENT DRAWINGS AND SPECIFICATIONS.
D02	GC TO REMOVE EXISTING STUD PARTITION, PATCH AND REPAIR TO PREPARE FOR NEW FINISHES
D03	GC TO REMOVE, STORE, REINSTALL ALL EXISTING ASSOCIATED TOILET ACCESSORIES
D04	GC TO REMOVE ALL SUSPENDED ACT CEILING TILES AND CEILING GRID
D05	GC TO PATCH AND REPAIR EXISTING WALLS DAMAGED BY REMOVAL OF FIXTURES TO MATCH ADJACENT FINISHES
D06	GC TO SAWCUT AND REMOVE CMU FOR NEW DOOR OPENING
D07	GC TO REMOVE EXISTING TOILET PARTITION SYSTEM AND ASSOCIATED HARDWARE, BLOCKING, FRAMING AND ACCESSORIES
D08	GC TO REMOVE EXISTING CEILING SYSTEM
D09	NOT USED
D11	GC TO REMOVE ALL LOCKER UNITS AND INFILL PANELS. PREP FOR NEW LOCKERS. SALVAGE LOCKER DOORS IN QUANTITY SUFFICIENT TO PERFORM LOCKER REPAIR IN GYM LOCKER ROOMS. REFER TO A101.
D12	GC TO REMOVE EXISTING MASONRY PARTITION - FULL HEIGHT. PATCH AND REPAIR WALL TO RECEIVE NEW FINISHES. REFER TO ABATEMENT DRAWINGS AND SPECIFICATIONS.
D13	GC TO REMOVE WINDOW SYSTEM, SOLAR SHADE & SECURITY SCREEN.
D14	GC TO REMOVE EXISTING CARPET THROUGHOUT ROOM
D15	GC TO SAWCUT OPENING IN EXISTING MASONRY PARTITION
D16	EC TO DE-ENERGIZE LIGHT FIXTURES PRIOR TO REMOVAL. GC TO DEMOLISH EXISTING LIGHT FIXTURES AT LOCATIONS OF ASBESTOS-CONTAINING TEXTURED PAINT. REFER TO ABATEMENT DRAWINGS AND SPECIFICATIONS. SALVAGE EXISTING BRANCH CIRCUIT CONDUCTORS AND CONDUIT TO THE GREATEST EXTENT POSSIBLE FOR REUSE WITH NEW LIGHTING LAYOUT. EC TO DEMOLISH ASSOCIATED CONTROLS.
D17	PC TO REMOVE EXISTING WATER FOUNTAIN. PREP WALL FOR NEW SURFACE MOUNTED FIXTURE.
D18	GC TO REMOVE INTERIOR RING OF LOW BOOKSHELVES
D19	GC TO REMOVE AND REPLACE MOVEABLE PARTITION
D20	GC TO SAWCUT OPENING IN ROOF. PATCH ROOF MEMBRANE TO TIE INTO CURB OR PIPE
D21	GC TO REMOVE CONCRETE WALL. REMOVE STRUCTURE TO 1'-0" BELOW GRADE
D22	PC TO REMOVE EXISTING FIXTURE AND PREP WALL FOR INSTALLATION OF ADA COMPLIANT FIXTURE
D23	PC TO REMOVE FIXTURE AND CAP EXISTING LINE. PATCH AND REPAIR WALL
D24	GC TO REMOVE EXISTING FLOOR TILE. PREP FLOOR TO RECEIVE NEW FLOOR TILE AT DEMOLISHED UNIT VENTILATORS. REFER TO ABATEMENT DRAWINGS AND SPECIFICATIONS.
D25	GC TO REMOVE DOOR FOR HARDWARE MODIFICATIONS. REINSTALL
D26	GC TO REMOVE CASEWORK. REFER TO ABATEMENT DRAWINGS AND SPECIFICATIONS.
D27	GC TO REMOVE EXISTING DOOR AND FRAME SYSTEM. REFER TO ABATEMENT DRAWINGS & SPECIFICATIONS.
D28	GC TO REMOVE TACK BOARD. REFER TO ABATEMENT DRAWINGS AND SPECIFICATIONS.
D29	GC TO REMOVE SMART BOARDS AND MARKER BOARDS. REFER TO ABATEMENT DRAWINGS AND SPECIFICATIONS.
D30	GC TO REMOVE CHALK BOARDS. REFER TO ABATEMENT DRAWINGS AND SPECIFICATIONS.
D31	PC TO REMOVE EXISTING BOTTLE FILL STATION, SALVAGE FOR REINSTALLATION.
D32	GC TO REMOVE WALL GRILLE, PATCH WALL.
D33	GC TO REMOVE EXISTING FLOOR SLAB.
D34	GC TO REMOVE WOOD PANELING, PREP FOR NEW APPLIED GRAPHIC.
D35	EC TO REMOVE AND STORE EXISTING CAMERA FOR REINSTALLATION
D36	EC TO REMOVE EXISTING CLOCK AND SPEAKER UNIT.
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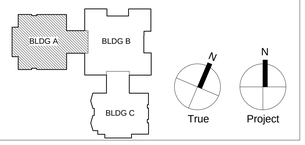
D38	GC TO REMOVE TELEVISION, MOUNTING BRACKETS. EC TO REMOVE COAXIAL CABLE + CAP CONDUIT FOR FUTURE USE. PROVIDE COVER PLATE.
D39	GC TO REMOVE COAT HOOKS MOUNTED TO WALL. PATCH PRIOR TO REPAINTING.
D40	GC TO REMOVE MASONRY PARTITION THE HEIGHT REQ'D FOR NEW FIXTURE.
D41	GC TO REMOVE FOLDING PARTITION.
D42	GC TO REMOVE WINDOW WALL SYSTEM. REFER TO ABATEMENT DRAWINGS & SPECIFICATIONS.

NOTE: PARTIAL 'BLDG A' PLAN ROTATED 90 DEGREES CLOCKWISE



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SEAL:

NAME (LICENSED PROFESSIONAL)
STATE AND LICENSE NO:

DATE
XX/XX/20XX

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Attn: Bryan Jones

BID DOCUMENTS
FEBRUARY 16, 2018

Revision Schedule

NO.	DESCRIPTION	DATE
2	Addendum #2	03/22/2018

SCHOOL & LOCATION

Motivation High School

5900 Baltimore Avenue, Philadelphia
PA 19143

PROJECT TITLE

Renovations to Motivation High School

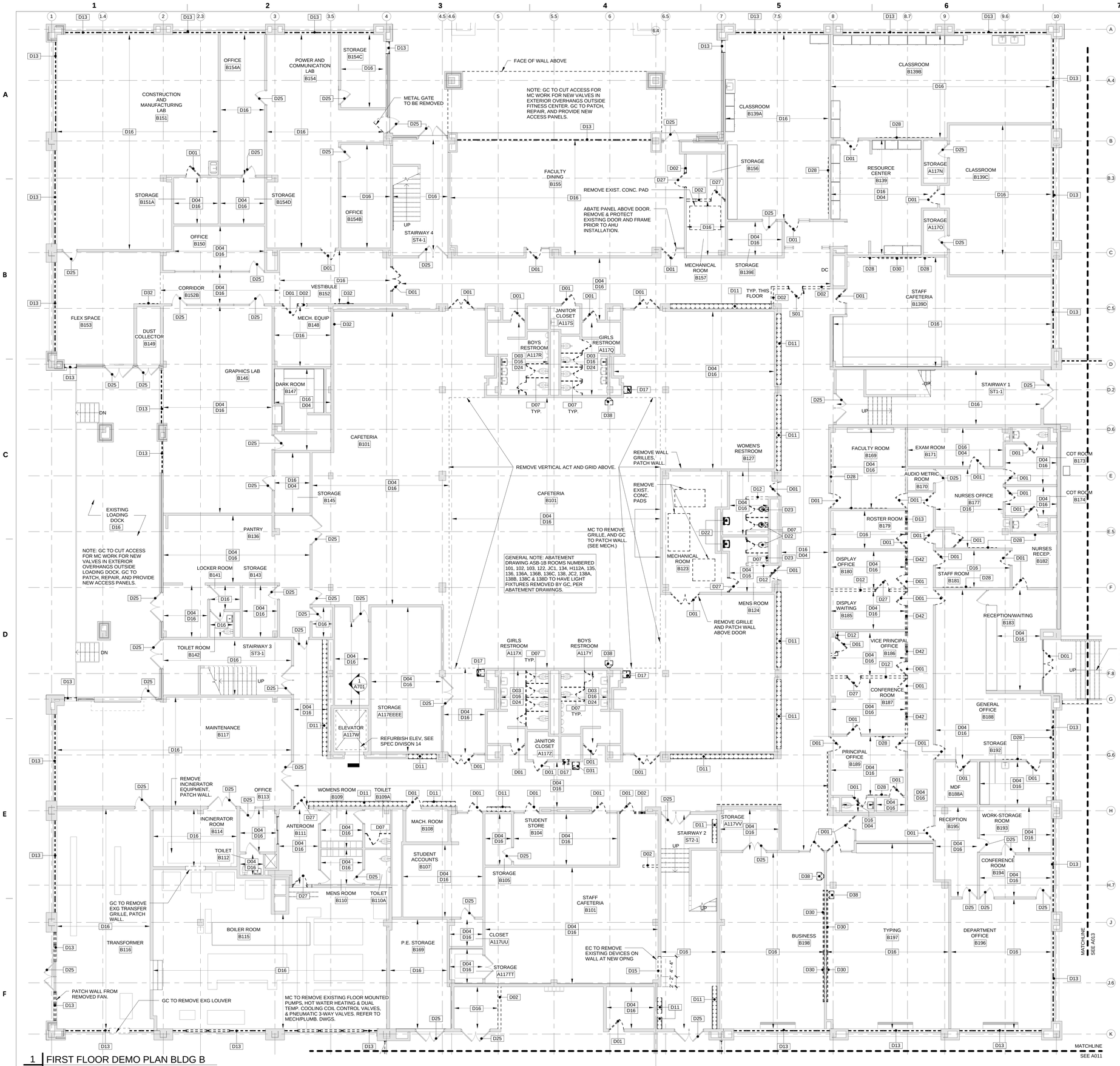
DRAWING TITLE

BUILDING A FIRST FLOOR DEMO PLAN

LOCATION NO.	FILE NO.
DRAWN BY *Author*	CHECKED BY *Checker*

B-014 C **OF** *2017/18*
B-017 C **OF** *2017/18*
B-015 C **OF** *2017/18*
B-016 C **OF** *2017/18*

DRAWING NO.
AD011



1 FIRST FLOOR DEMO PLAN BLDG B

AD012 SCALE: 1/8" = 1'-0"

DEMOLITION LEGEND

- CLASSROOM 101 — ROOM TAG
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- D01 — DEMOLITION KEYNOTE APPLIES TO OBJECT INDICATED
- D01 — DEMO TAG APPLIES TO AREA
- EXISTING DOOR TO BE REMOVED, RETAIN DOOR FRAME. D01, TYP., U.N.O.
- REMOVE CARPET
- PERIMETER LINE FOR NOT IN SCOPE WORK

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15. GC TO REMOVE CHAIR DESIGNATED WITH J SYMBOL, TYP.

2

DEMOLITION KEYNOTE LEGEND

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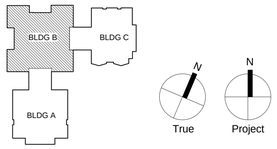

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NAME (LICENSED PROFESSIONAL) DATE
STATE AND LICENSE NO: XX/XX/20XX

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Attn: Bryan Jones

BID DOCUMENTS
FEBRUARY 16, 2018

Revision Schedule

NO.	DESCRIPTION	DATE
2	Addendum #2	03/22/2018

SCHOOL & LOCATION

Motivation High School

5900 Baltimore Avenue, Philadelphia PA 19143

PROJECT TITLE

Renovations to Motivation High School

DRAWING TITLE

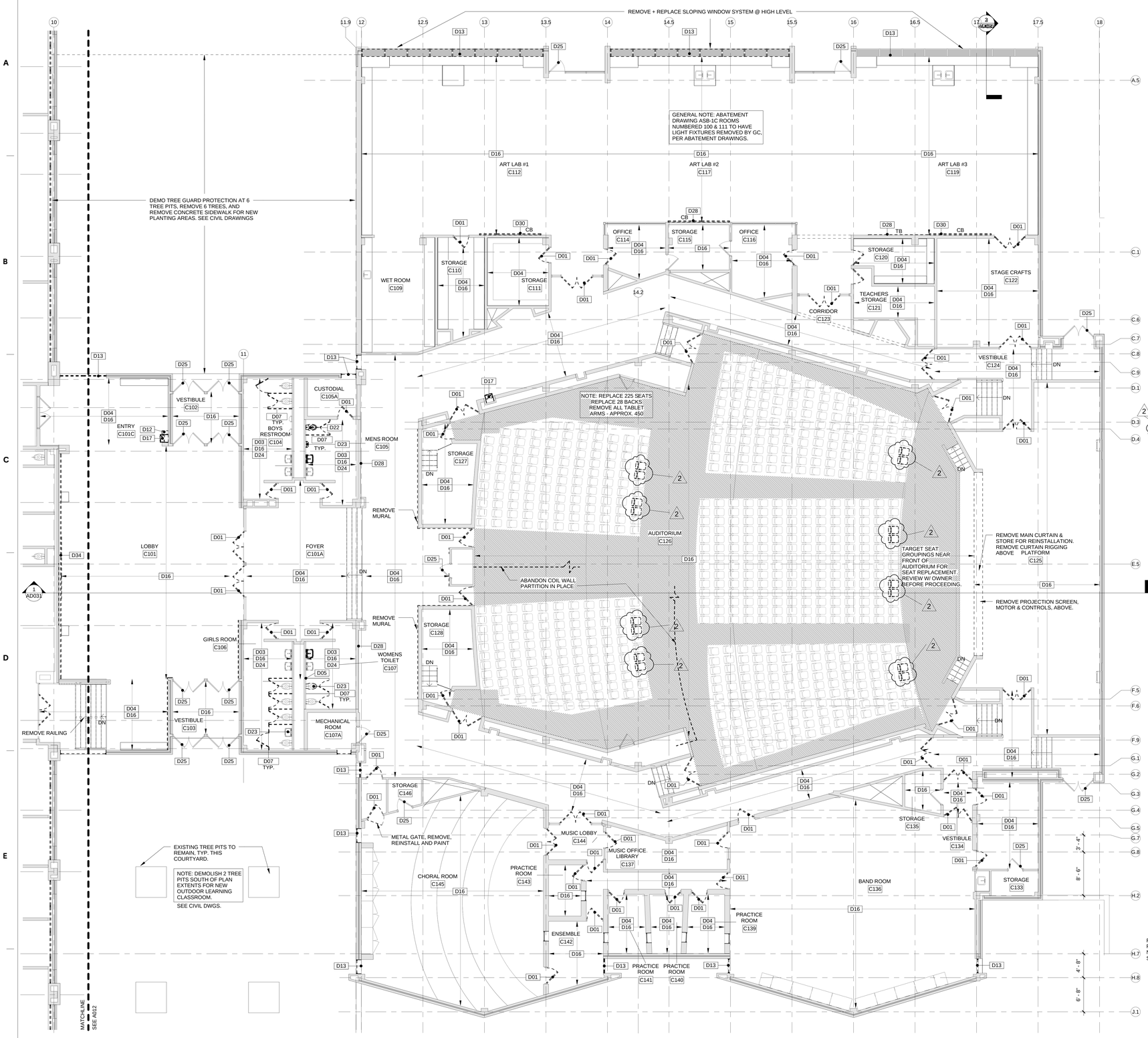
BUILDING B FIRST FLOOR DEMO PLAN

LOCATION NO.	FILE NO.
DRAWN BY *Author*	CHECKED BY *Checker*

B-014 C OF *2017/18*
B-017 C OF *2017/18*
B-015 C OF *2017/18*
B-016 C OF *2017/18*

DRAWING NO.

AD012



1 FIRST FLOOR DEMO PLAN BLDG C
AD013 SCALE: 1/8" = 1'-0"

DEMOLITION LEGEND

- CLASSROOM 101 — ROOM TAG
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- D01 — DEMOLITION KEYNOTE APPLIES TO OBJECT INDICATED
- D01 — DEMO TAG APPLIES TO AREA
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15. GC TO REMOVE CHAIR DESIGNATED WITH "3" SYMBOL, TYP.

DEMOLITION KEYNOTE LEGEND

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D24	GC TO REMOVE EXISTING FLOOR TILE. PREP FLOOR TO RECEIVE NEW FLOOR TILE AT DEMOLISHED UNIT VENTILATORS. REFER TO ABATEMENT DRAWINGS AND SPECIFICATIONS.
D25	GC TO REMOVE DOOR FOR HARDWARE MODIFICATIONS. REINSTALL
D26	GC TO REMOVE CASEWORK. REFER TO ABATEMENT DRAWINGS AND SPECIFICATIONS.
D27	GC TO REMOVE EXISTING DOOR AND FRAME SYSTEM. REFER TO ABATEMENT DRAWINGS & SPECIFICATIONS.
D28	GC TO REMOVE TACK BOARD. REFER TO ABATEMENT DRAWINGS AND SPECIFICATIONS.
D29	GC TO REMOVE SMART BOARDS AND MARKER BOARDS. REFER TO ABATEMENT DRAWINGS AND SPECIFICATIONS.
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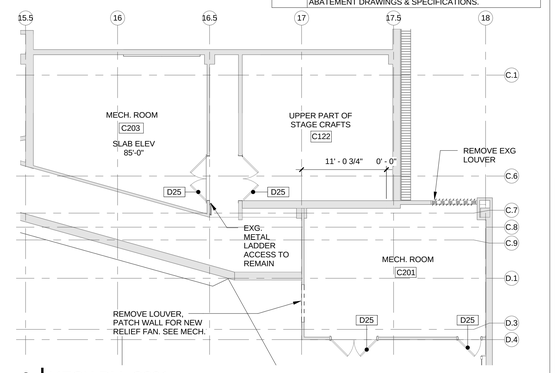
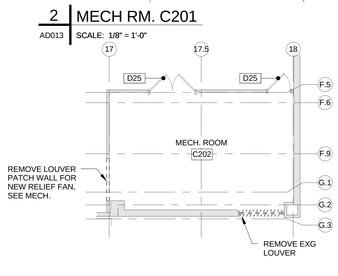
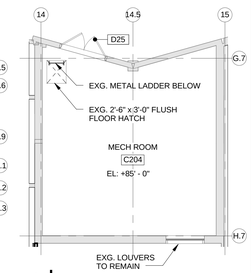
D39	GC TO REMOVE COAT HOOKS MOUNTED TO WALL. PATCH PRIOR TO REPAINTING.
D40	GC TO REMOVE MASONRY PARTITION THE HEIGHT REQ'D FOR NEW FIXTURE.
D41	GC TO REMOVE FOLDING PARTITION.
D42	GC TO REMOVE WINDOW WALL SYSTEM. REFER TO ABATEMENT DRAWINGS & SPECIFICATIONS.



2 MECH RM. C201
AD013 SCALE: 1/8" = 1'-0"



3 MECH RM. C202
AD013 SCALE: 1/8" = 1'-0"



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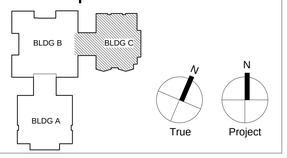
AD013 SCALE: 1/8" = 1'-0"



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BID DOCUMENTS
FEBRUARY 16, 2018

Revision Schedule

NO.	DESCRIPTION	DATE
2	Addendum #2	03/22/2018

SCHOOL & LOCATION

Motivation High School

5900 Baltimore Avenue, Philadelphia
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PROJECT TITLE

Renovations to Motivation High School

DRAWING TITLE

BUILDING C FIRST FLOOR DEMO PLAN

LOCATION NO.	FILE NO.
DRAWN BY *Author*	CHECKED BY *Checker*

B-014 C OF *2017/18*
B-017 C OF *2017/18*
B-015 C OF *2017/18*
B-016 C OF *2017/18*

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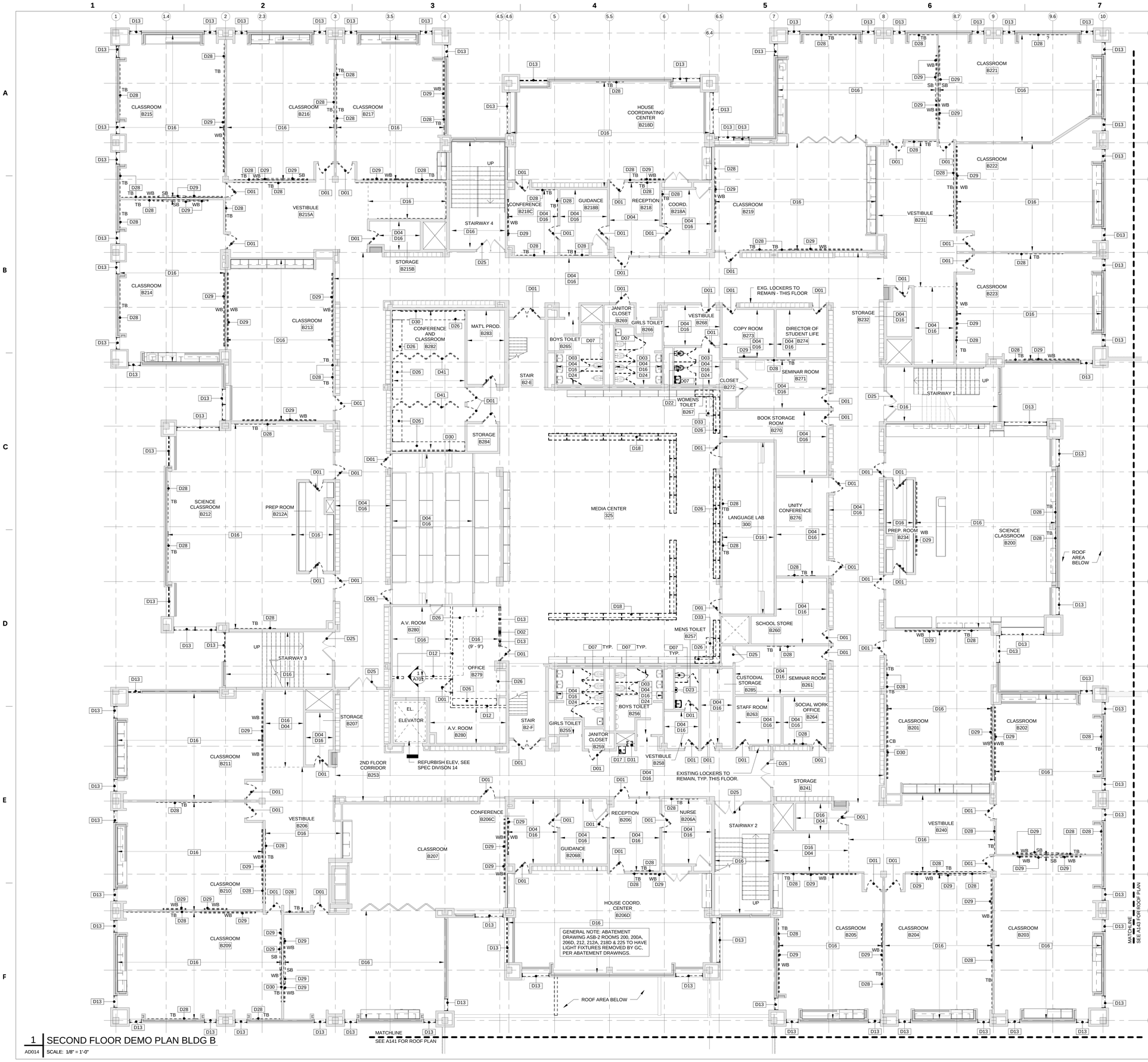

1 SECOND FLOOR DEMO PLAN BLDG B

AD014 SCALE: 1/8" = 1'-0"

DEMOLITION LEGEND

- CLASSROOM 101 — ROOM TAG
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- D01 — DEMOLITION KEYNOTE APPLIES TO OBJECT INDICATED
- D01 — DEMO TAG APPLIES TO AREA
- EXISTING DOOR TO BE REMOVED, RETAIN DOOR FRAME. D01, TYP., U.N.O.
- REMOVE CARPET
- PERIMETER LINE FOR NOT IN SCOPE WORK

GENERAL NOTES:

1. ALL DIMENSIONS ARE TO FACE OF MASONRY, ROUGH FRAME, OR CENTER LINE OF COLUMN, TYP, UNLESS OTHERWISE NOTED. CONTRACTORS SHALL VERIFY DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
2. ENVIRONMENTAL REMEDIATION WILL BE PROVIDED BY THE GENERAL CONTRACTOR. THE SCOPE OF WORK INCLUDES REMOVAL OF MOLD AND ASBESTOS CONTAINING MATERIALS AND ABATEMENT REQUIRED FOR OTHER WORK AS NOTED. ABATEMENT WILL OCCUR IN COORDINATION WITH DEMOLITION WORK PER PHASE. REFER TO ABATEMENT DRAWINGS AND SPECIFICATIONS.
3. ALL EXISTING FURNITURE WILL BE REMOVED IN ITS ENTIRETY BY OWNER BY PHASE.
4. WHERE WOOD DOORS ARE SHOWN TO BE REMOVED, RETAIN EXISTING FRAMES.
5. GC TO REMOVE ALL TOILET ACCESSORIES (SOAP DISPENSERS, TOILET PAPER DISPENSERS, RECEPTACLES, PAPER TOWEL DISPENSERS, MIRRORS FROM TOILET ROOMS, AND STORE FOR REINSTALLATION.
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12. GC TO REMOVE ALL MISCELLANEOUS EQUIPMENT, FASTENERS, ETC, AND PATCH & PREP WALL.
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14. EC TO REMOVE LIGHT FIXTURES IN ROOMS NOT CALLED OUT FOR AAC REMOVAL OF LIGHT FIXTURES. REFER TO ABATEMENT DRAWINGS FOR LOCATIONS OF AAC LIGHT REMOVAL SCOPE.
15. GC TO REMOVE CHAIR DESIGNATED WITH 2 SYMBOL, TYP.

DEMOLITION KEYNOTE LEGEND	
Key Value	Keynote Text
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D04	GC TO REMOVE ALL SUSPENDED ACT CEILING TILES AND CEILING GRID
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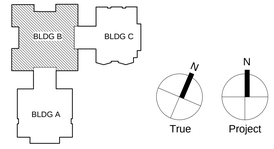

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BID DOCUMENTS
FEBRUARY 16, 2018

Revision Schedule

NO.	DESCRIPTION	DATE
2	Addendum #2	03/22/2018

SCHOOL & LOCATION

Motivation High School

5900 Baltimore Avenue, Philadelphia
PA 19143

PROJECT TITLE

Renovations to Motivation High School

DRAWING TITLE

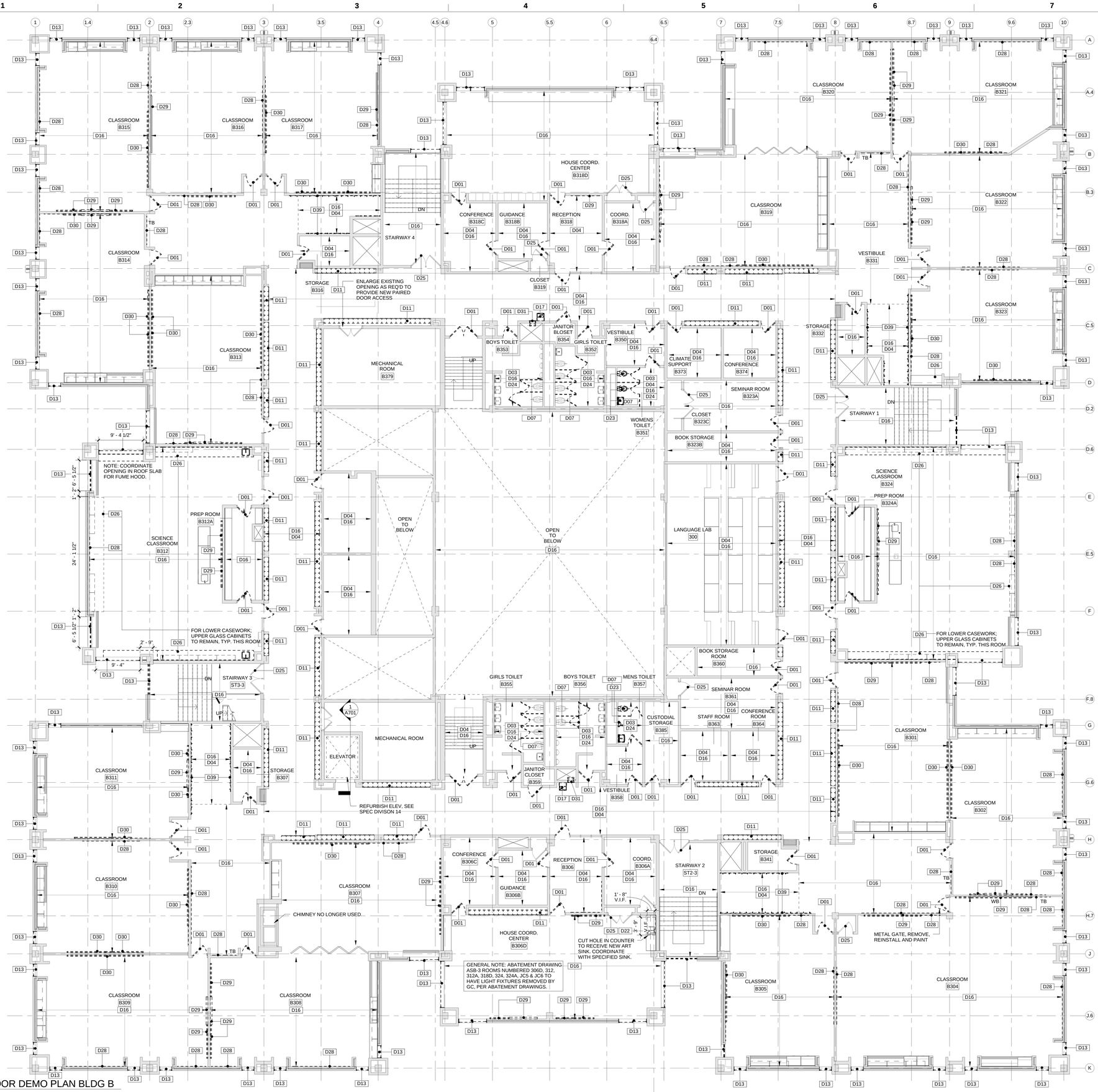
BUILDING B SECOND FLOOR DEMO PLAN

LOCATION NO.	FILE NO.
DRAWN BY *Author*	CHECKED BY *Checker*

B-014 C	**OF**	*2017/18*
B-017 C	**OF**	*2017/18*
B-015 C	**OF**	*2017/18*
B-016 C	**OF**	*2017/18*

DRAWING NO.

AD014



1 THIRD FLOOR DEMO PLAN BLDG B

AD015 SCALE: 1/8" = 1'-0"

DEMOLITION LEGEND

- CLASSROOM 101 — ROOM TAG
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- D01 — DEMOLITION KEYNOTE APPLIES TO OBJECT INDICATED
- D01 — DEMO TAG APPLIES TO AREA
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2

DEMOLITION KEYNOTE LEGEND

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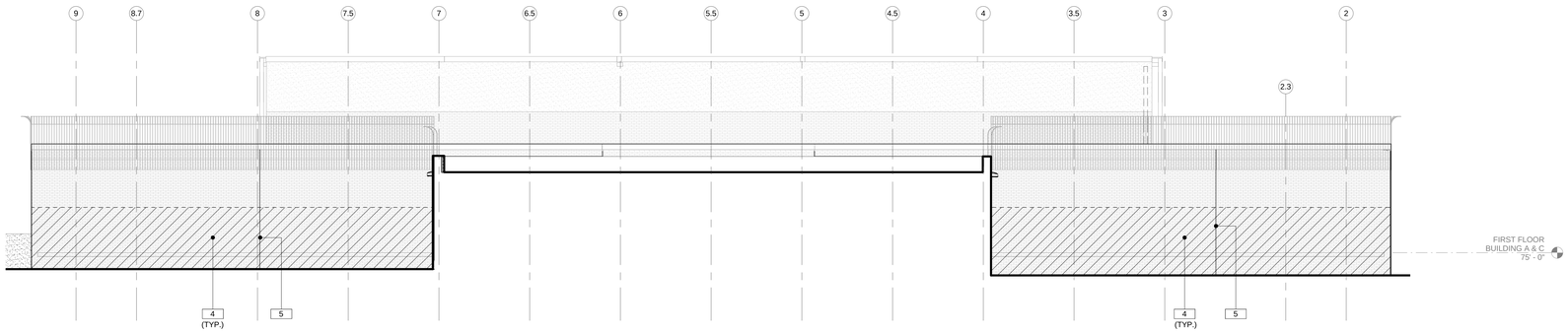
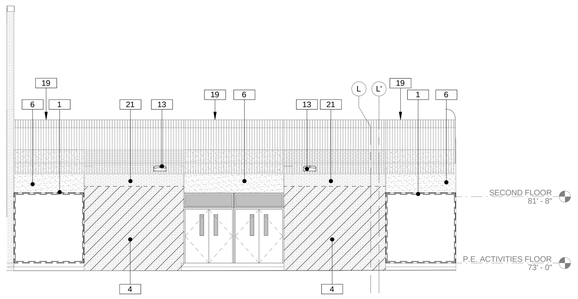
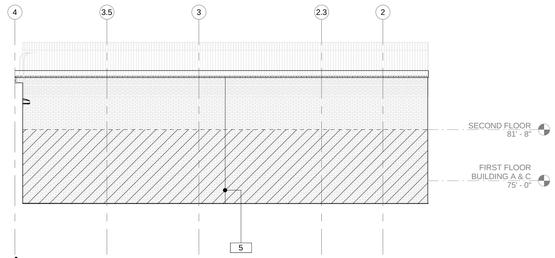
DRAWING NO.
AD015



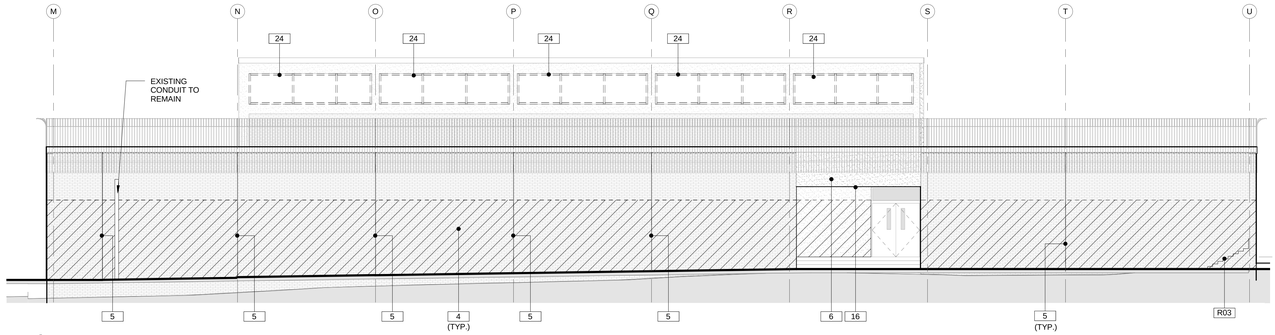
1 BLDG A - NORTH DEMO ELEVATION
AD022 SCALE: 1/8" = 1'-0"



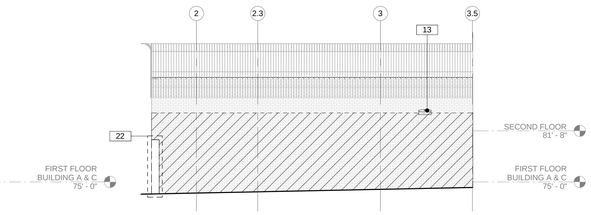
2 BLDG A - PARTIAL DEMO ELEVATION - WEST ENTRANCE
AD022 SCALE: 1/8" = 1'-0"



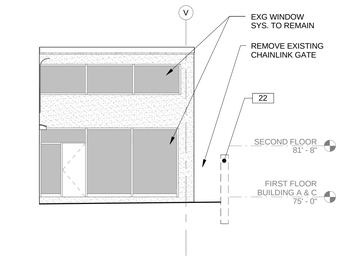
3 BLDG A - PARTIAL NORTH DEMO ELEVATION
AD022 SCALE: 1/8" = 1'-0"



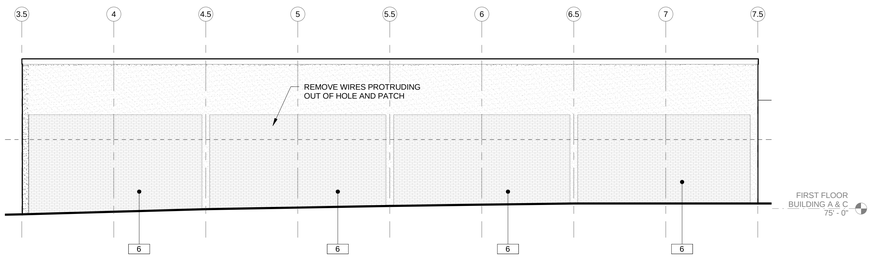
4 BLDG A - PARTIAL WEST DEMO ELEVATION
AD022 SCALE: 1/8" = 1'-0"



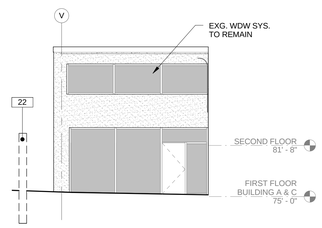
5 BLDG A - PARTIAL SOUTH DEMO ELEVATION
AD022 SCALE: 1/8" = 1'-0"



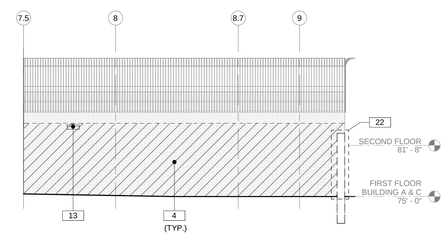
6 BLDG A - PARTIAL WEST DEMO ELEVATION
AD022 SCALE: 1/8" = 1'-0"



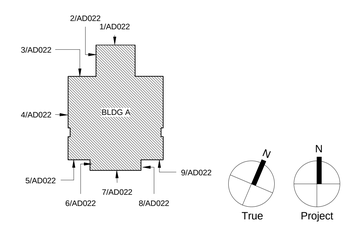
7 BLDG A - PARTIAL SOUTH DEMO ELEVATION
AD022 SCALE: 1/8" = 1'-0"



8 BLDG A - PARTIAL SOUTH DEMO ELEVATION
AD022 SCALE: 1/8" = 1'-0"



9 BLDG A - PARTIAL EAST DEMO ELEVATION
AD022 SCALE: 1/8" = 1'-0"



ELEVATION NOTES	
Key Value	Keynote Text
1	GC TO REMOVE WINDOW SYSTEM & SECURITY SCREEN.
2	GC TO PREP FRAME + REPAINT DOOR OR PANEL FRAME
3	GC TO CLEAN AND PAINT EXPOSED STEEL
4	GC TO REMOVE ANTI-GRAFFITI COATING
5	GC TO REMOVE JOINT SEALANT AND BACKER ROD IN EXISTING JOINT
6	GC TO REMOVE PAINT AT LIMESTONE, CONC. PANEL OR BRICK.
7	GC TO REMOVE AND REPLACE DAMAGED BRICK.
8	GC TO REMOVE PAINT FROM CONC
9	GC TO REPAIR CRACK IN STONE PANEL - SEE 7/A520
10	GC TO GRIND OUT DAMAGED MORTAR AND REPOINT JOINTS
11	GC TO REMOVE BRICK AT RELIEVING ANGLE. CLEAN AND COAT RELIEVING ANGLE WITH COLD-GALVANIZING PAINT. MODIFY FLASHING AND REBUILD BRICK. SEE4/A520
11R	GC TO REMOVE BRICK VENEER AT RELIEVING ANGLE, REMOVE AND REPLACE DETERIORATED RELIEVEING ANGLE, MODIFY FLASHING, AND REBUILD BRICK. SEE 4R/A1520.
12	MC TO REMOVE UNIT VENTILATOR GRILLE
13	EC TO REMOVE LIGHT FIXTURE
14	GC TO PROTECT EXISTING MURAL
15	GC TO REMOVE FAN & PATCH WALL
16	EC TO REMOVE AND REPLACE CEILING LIGHT FIXTURE
17	GC TO REMOVE METAL SCREENS
18	GC TO REMOVE LOUVER
19	GC TO REMOVE METAL GUARD @ ROOF LEVEL FOR MASONRY RESTORATION. STORE AND REINSTALL AFTER RESTORATION IS COMPLETE.
20	GC TO PROVIDE NEW CONTROL JOINT PER S/A520
21	GC TO REMOVE LOOSE MORTAR. CLEAN AND COAT ONLY THE EXPOSED EDGE OF THE STEEL ANGLE WITH RUST-INHIBITIVE PAINT, COLOR TO MATCH EXISTING VENEER.
22	GC TO REMOVE EXIST CONC WALL TO 1'-0" (MIN.) BELOW GRADE.
24	SECURITY SCREENS, WINDOW TO REMAIN. GC TO SALVAGE SCREENS FOR REINSTALLATION AT POOL BUILDING. SEE DETAILS 2/A202 AND 1/A203.

PAINT AND ANTI GRAFFITI COATING LEGEND

- ANTI-GRAFFITI COATING TO BE REMOVED.
- EXISTING PAINT TO BE REMOVED

DEMOLITION LEGEND

- REMOVE EXISTING WINDOW
- REMOVE EXISTING WALL
- EXISTING MURAL - PROTECT

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Attn: Bryan Jones

BID DOCUMENTS
FEBRUARY 16, 2018

Revision Schedule

NO.	DESCRIPTION	DATE
2	Addendum #2	03/22/2018

SCHOOL & LOCATION

Motivation High School

5900 Baltimore Avenue, Philadelphia
PA 19143

PROJECT TITLE

Renovations to Motivation High School

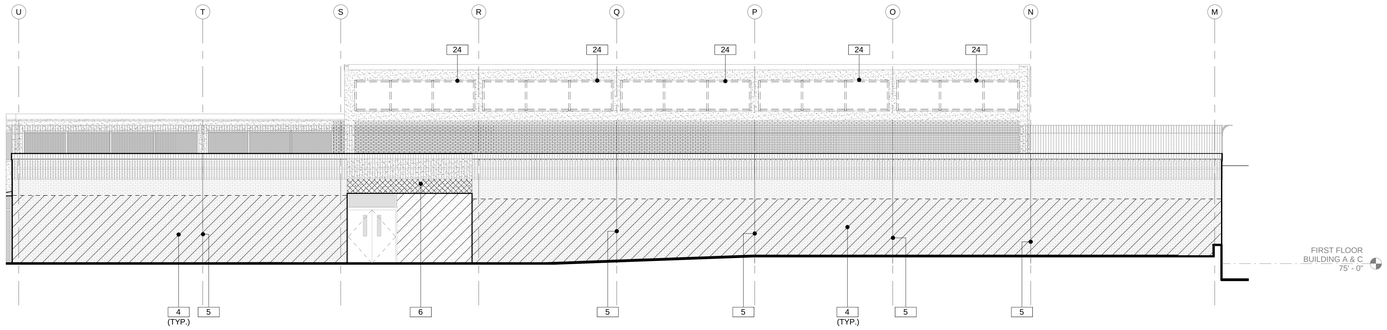
DRAWING TITLE

BUILDING A - DEMO ELEVATIONS

LOCATION NO.	FILE NO.
DRAWN BY *Author*	CHECKED BY *Checker*

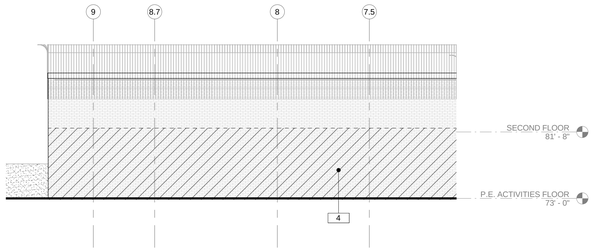
B-014 C	**OF**	*2017/18*
B-017 C	**OF**	*2017/18*
B-015 C	**OF**	*2017/18*
B-016 C	**OF**	*2017/18*

DRAWING NO.
AD022



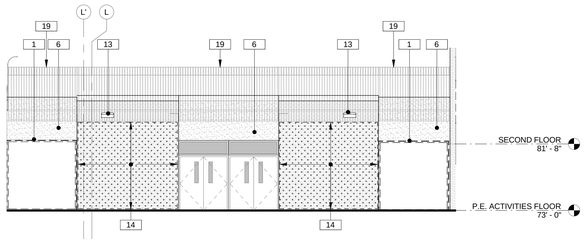
1 BLDG A - EAST DEMO ELEVATION

AD023 SCALE: 1/8" = 1'-0"



2 BLDG A - PARTIAL NORTH DEMO ELEVATION

AD023 SCALE: 1/8" = 1'-0"



3 BLDG A - PARTIAL DEMO ELEVATION - EAST ENTRANCE

AD023 SCALE: 1/8" = 1'-0"

ELEVATION NOTES	
Key Value	Keynote Text
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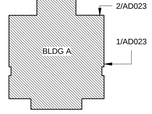

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BID DOCUMENTS
FEBRUARY 16, 2018

Revision Schedule

NO.	DESCRIPTION	DATE
2	Addendum #2	03/22/2018

SCHOOL & LOCATION

Motivation High School

5900 Baltimore Avenue, Philadelphia PA 19143

PROJECT TITLE

Renovations to Motivation High School

DRAWING TITLE

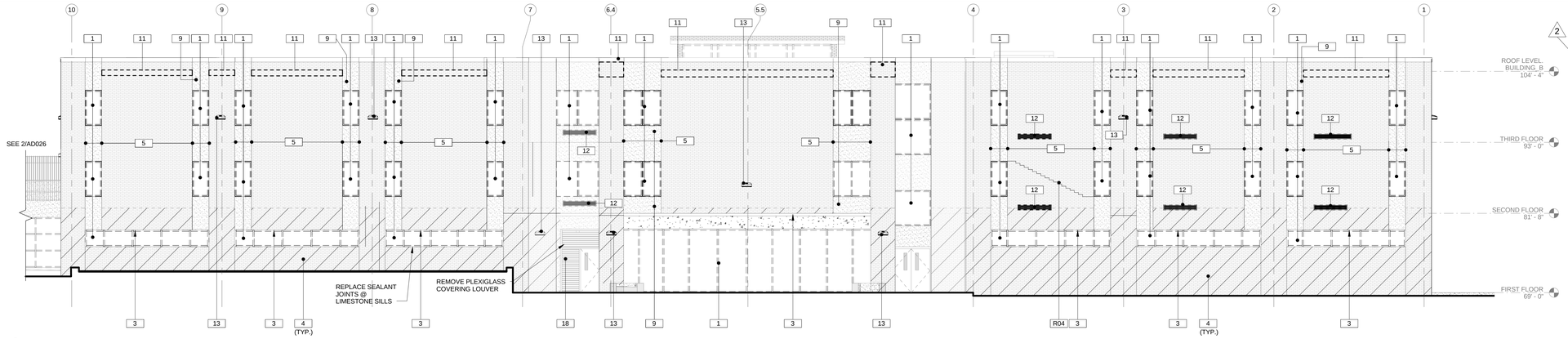
BUILDING A - DEMO ELEVATIONS

LOCATION NO.	FILE NO.
DRAWN BY *Author*	CHECKED BY *Checker*

B-014 C **OF** *2017/18*
B-017 C **OF** *2017/18*
B-015 C **OF** *2017/18*
B-016 C **OF** *2017/18*

DRAWING NO.

AD023



1 BLDG B - NORTH DEMO ELEVATION

AD024 SCALE: 1/8" = 1'-0"

ELEVATION NOTES	
Key Value	Keynote Text
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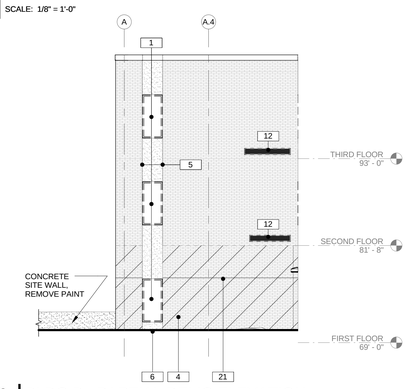
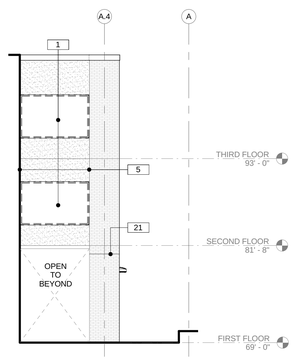
24	

NEW ELEVATION NOTES	
Key Value	Keynote Text
R01	GC TO PROVIDE NEW LOUVER IN EXG. OPNG.
R02	EC TO PROVIDE NEW WALL MOUNTED LED LIGHT FIXTURE, SEE ELEC. DWGS.
R03	GC TO REPAIR CRACKS IN BRICK AND MORTAR JOINTS. GC TO VERIFY FULL EXTENT OF REPAIR IN FIELD.
R04	GC TO REPAIR VENEER STEP CRACK - SEE 1/A520.
R05	GC TO REPAIR, PRIME, AND PAINT EXISTING DOOR AND FRAME.
R06	GC TO REPAIR CRACK IN CONC.



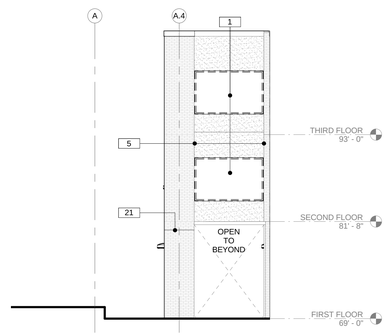
2 BLDG B - PARTIAL DEMO ELEVATION

AD024 SCALE: 1/8" = 1'-0"



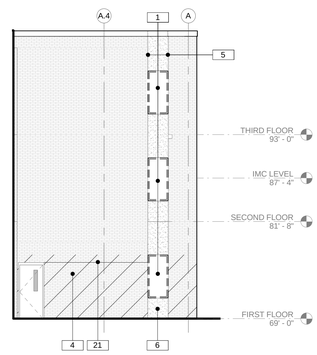
3 BLDG B - PARTIAL DEMO ELEVATION

AD024 SCALE: 1/8" = 1'-0"



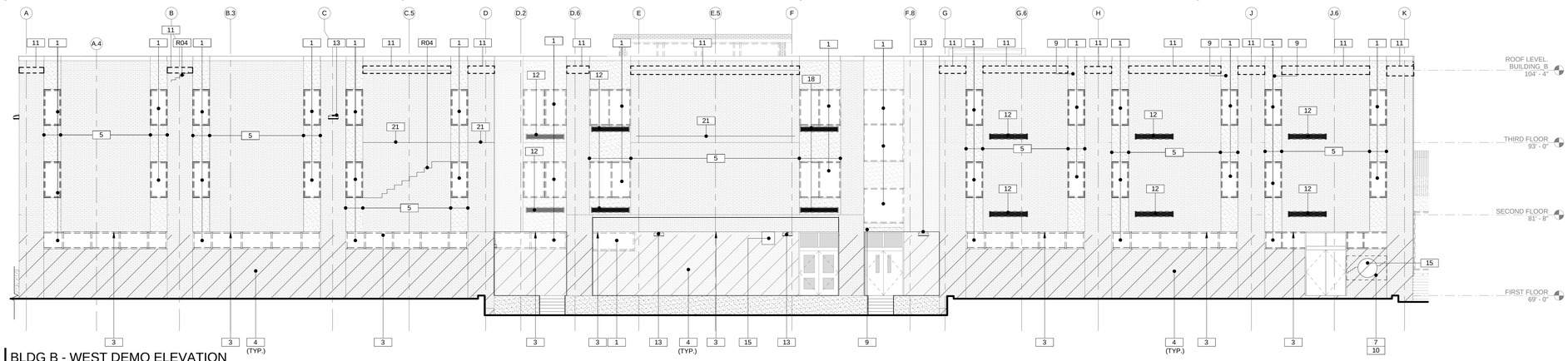
4 BLDG B - PARTIAL DEMO ELEVATION

AD024 SCALE: 1/8" = 1'-0"



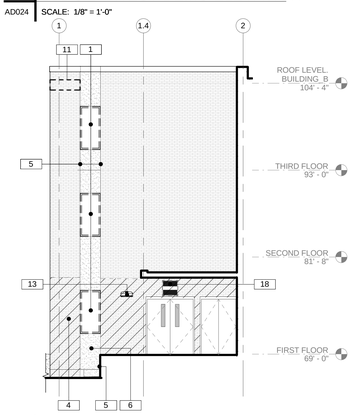
5 BLDG B - PARTIAL DEMO ELEVATION

AD024 SCALE: 1/8" = 1'-0"



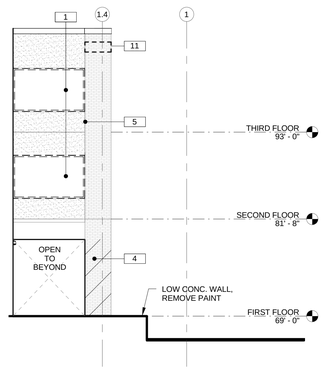
6 BLDG B - WEST DEMO ELEVATION

AD024 SCALE: 1/8" = 1'-0"



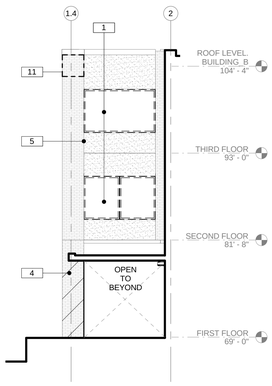
7 BLDG B - PARTIAL DEMO ELEVATION

AD024 SCALE: 1/8" = 1'-0"



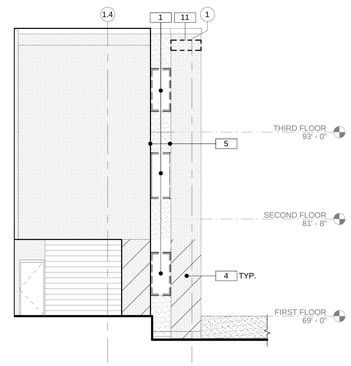
8 BLDG B - PARTIAL DEMO ELEVATION

AD024 SCALE: 1/8" = 1'-0"



9 BLDG B - PARTIAL DEMO ELEVATION

AD024 SCALE: 1/8" = 1'-0"



10 BLDG B - PARTIAL DEMO ELEVATION

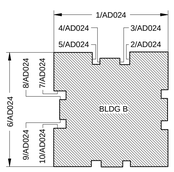
AD024 SCALE: 1/8" = 1'-0"

PAINT AND ANTI GRAFFITI COATING LEGEND

- ANTI-GRAFFITI COATING TO BE REMOVED.
- EXISTING PAINT TO BE REMOVED

DEMOLITION LEGEND

- REMOVE EXISTING WINDOW
- REMOVE EXISTING WALL
- EXISTING MURAL - PROTECT



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Email: bjones@educationalsystemsplanning.com
Attn: Bryan Jones

BID DOCUMENTS
FEBRUARY 16, 2018

Revision Schedule

NO.	DESCRIPTION	DATE
2	Addendum #2	03/22/2018

SCHOOL & LOCATION

Motivation High School

5900 Baltimore Avenue, Philadelphia PA 19143

PROJECT TITLE

Renovations to Motivation High School

DRAWING TITLE

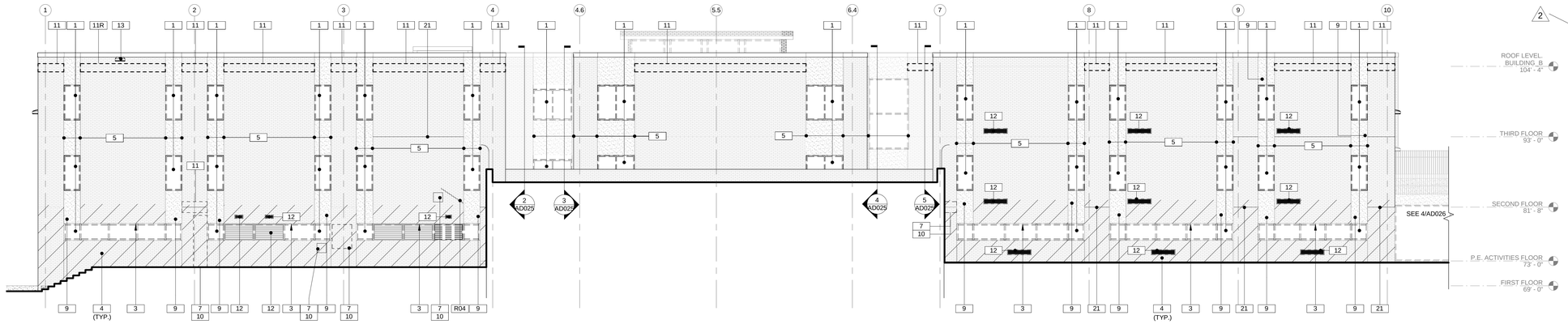
BUILDING B - DEMO ELEVATIONS

LOCATION NO.	FILE NO.
DRAWN BY *Author*	CHECKED BY *Checker*

B-014 C	**OF**	*2017/18*
B-017 C	**OF**	*2017/18*
B-015 C	**OF**	*2017/18*
B-016 C	**OF**	*2017/18*

DRAWING NO.

AD024



1 BLDG B - SOUTH DEMO ELEVATION

AD025 SCALE: 1/8" = 1'-0"

ELEVATION NOTES	
Key Value	Keynote Text
1	GC TO REMOVE WINDOW SYSTEM & SECURITY SCREEN.
2	GC TO PREP, PRIME + REPAINT DOOR OR PANEL & FRAME
3	GC TO CLEAN AND PAINT EXPOSED STEEL
4	GC TO REMOVE ANTI-GRAFFITI COATING
5	GC TO REMOVE JOINT SEALANT AND BACKER ROD IN EXISTING JOINT
6	GC TO REMOVE PAINT AT LIMESTONE, CONC. PANEL OR BRICK.
7	GC TO REMOVE AND REPLACE DAMAGED BRICK.
8	GC TO REMOVE PAINT FROM CONC
9	GC TO REPAIR CRACK IN STONE PANEL - SEE 7/A520
10	GC TO GRIND OUT DAMAGED MORTAR AND REPOINT JOINTS
11	GC TO REMOVE BRICK AT RELIEVING ANGLE. CLEAN AND COAT RELIEVING ANGLE WITH COLD-GALVANIZING PAINT. MODIFY FLASHING AND REBUILD BRICK. SEE4/A520
11R	GC TO REMOVE BRICK VENEER AT RELIEVING ANGLE, REMOVE AND REPLACE DETERIORATED RELIEVEING ANGLE. MODIFY FLASHING, AND REBUILD BRICK. SEE 4/R/A1520.
12	MC TO REMOVE UNIT VENTILATOR GRILLE
13	EC TO REMOVE LIGHT FIXTURE
14	GC TO PROTECT EXISTING MURAL
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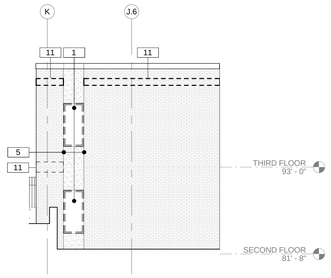
24	SECURITY SCREENS, WINDOW TO REMAIN. GC TO SALVAGE SCREENS FOR REINSTALLATION AT POOL BUILDING. SEE DETAILS 2/A202 AND 1/A203.

PAINT AND ANTI GRAFFITI COATING LEGEND

- ANTI-GRAFFITI COATING TO BE REMOVED.
- EXISTING PAINT TO BE REMOVED

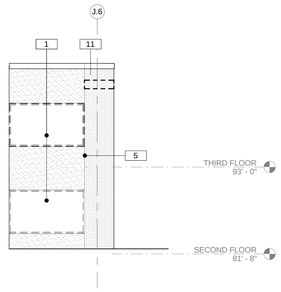
DEMOLITION LEGEND

- REMOVE EXISTING WINDOW
- REMOVE EXISTING WALL
- EXISTING MURAL - PROTECT



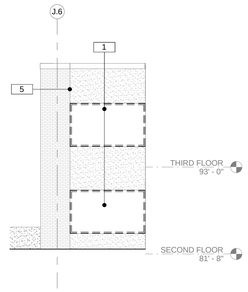
2 BLDG B - PARTIAL DEMO ELEVATION

AD025 SCALE: 1/8" = 1'-0"



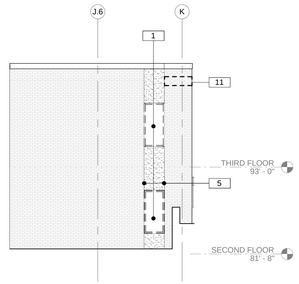
3 BLDG B - PARTIAL DEMO ELEVATION

AD025 SCALE: 1/8" = 1'-0"



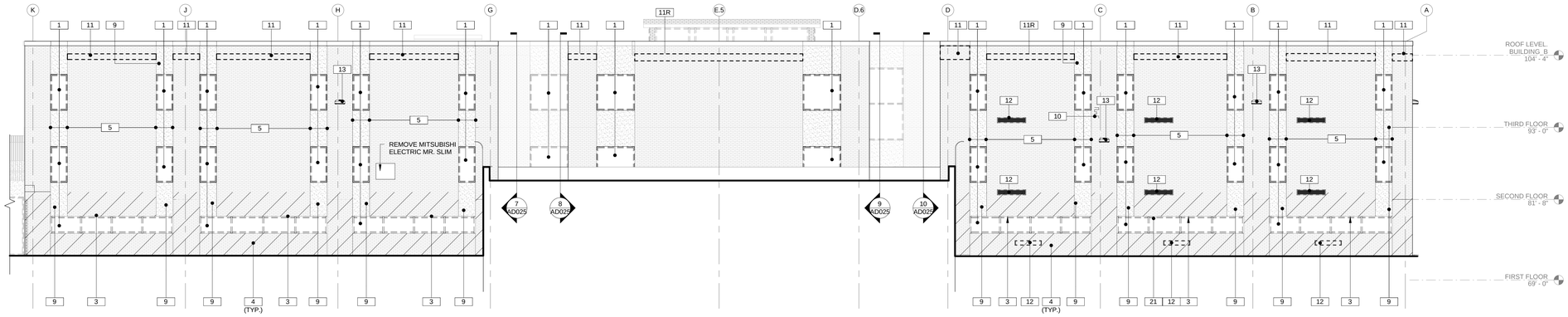
4 BLDG B - PARTIAL DEMO ELEVATION

AD025 SCALE: 1/8" = 1'-0"



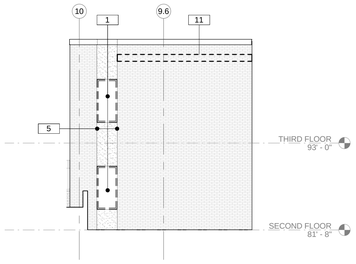
5 BLDG B - PARTIAL DEMO ELEVATION

AD025 SCALE: 1/8" = 1'-0"



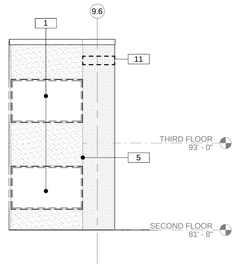
6 BLDG B - EAST DEMO ELEVATION

AD025 SCALE: 1/8" = 1'-0"



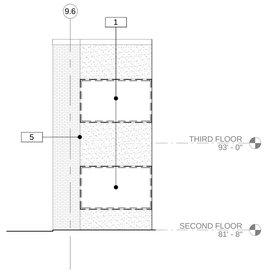
7 BLDG B - PARTIAL DEMO ELEVATION

AD025 SCALE: 1/8" = 1'-0"



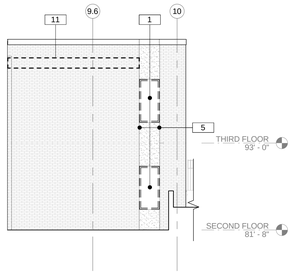
8 BLDG B - PARTIAL DEMO ELEVATION

AD025 SCALE: 1/8" = 1'-0"



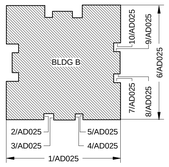
9 BLDG B - PARTIAL DEMO ELEVATION

AD025 SCALE: 1/8" = 1'-0"



10 BLDG B - PARTIAL DEMO ELEVATION

AD025 SCALE: 1/8" = 1'-0"



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DATE
XX/XX/20XX

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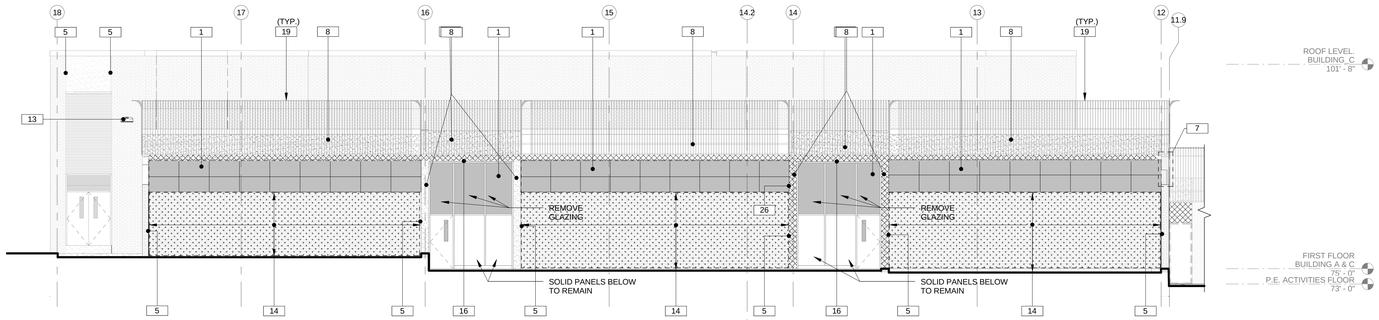
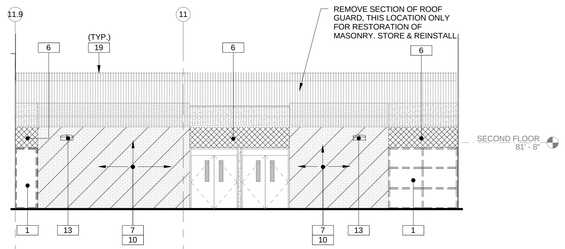
DRAWING NO.

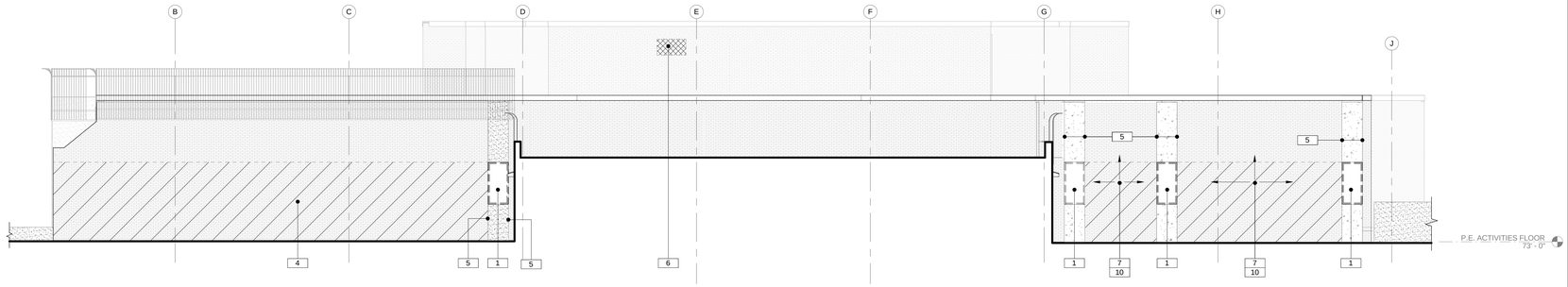
AD025



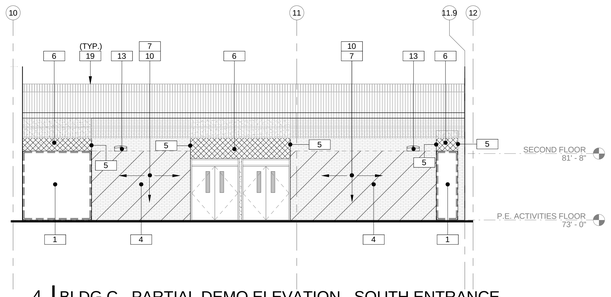
1 BLDG C - NORTH DEMO ELEVATION
AD026 SCALE: 1/8" = 1'-0"



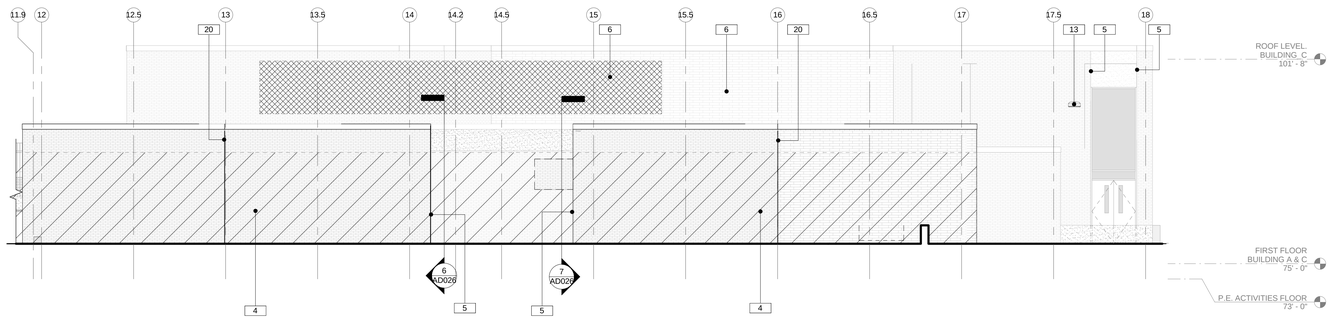
2 BLDG C - PARTIAL DEMO ELEVATION - NORTH ENTRANCE
AD026 SCALE: 1/8" = 1'-0"



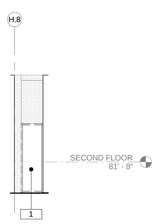
3 BLDG C - WEST DEMO ELEVATION
AD026 SCALE: 1/8" = 1'-0"



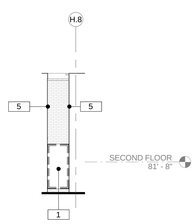
4 BLDG C - PARTIAL DEMO ELEVATION - SOUTH ENTRANCE
AD026 SCALE: 1/8" = 1'-0"



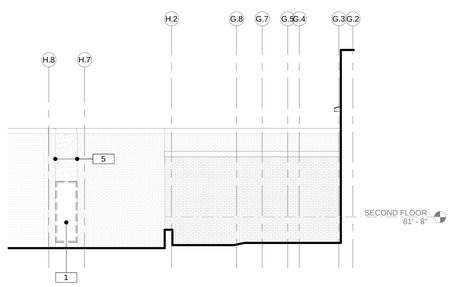
5 BLDG C - PARTIAL DEMO ELEVATION
AD026 SCALE: 1/8" = 1'-0"



6 BLDG C - PARTIAL DEMO ELEVATION
AD026 SCALE: 1/8" = 1'-0"



7 BLDG C - PARTIAL DEMO ELEVATION
AD026 SCALE: 1/8" = 1'-0"



8 BLDG C - PARTIAL DEMO ELEVATION
AD026 SCALE: 1/8" = 1'-0"

PAINT AND ANTI GRAFFITI COATING LEGEND

- ANTI-GRAFFITI COATING TO BE REMOVED.
- EXISTING PAINT TO BE REMOVED

DEMOLITION LEGEND

- REMOVE EXISTING WINDOW
- REMOVE EXISTING WALL
- EXISTING MURAL - PROTECT

2

ELEVATION NOTES

Key Value	Keynote Text
1	GC TO REMOVE WINDOW SYSTEM & SECURITY SCREEN.
2	GC TO PREP, PRIME + REPAINT DOOR OR PANEL & FRAME.
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11R	GC TO REMOVE BRICK VENEER AT RELIEVING ANGLE, REMOVE AND REPLACE DETERIORATED RELIEVEING ANGLE, MODIFY FLASHING, AND REBUILD BRICK. SEE 4R/A1520.
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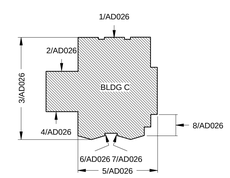

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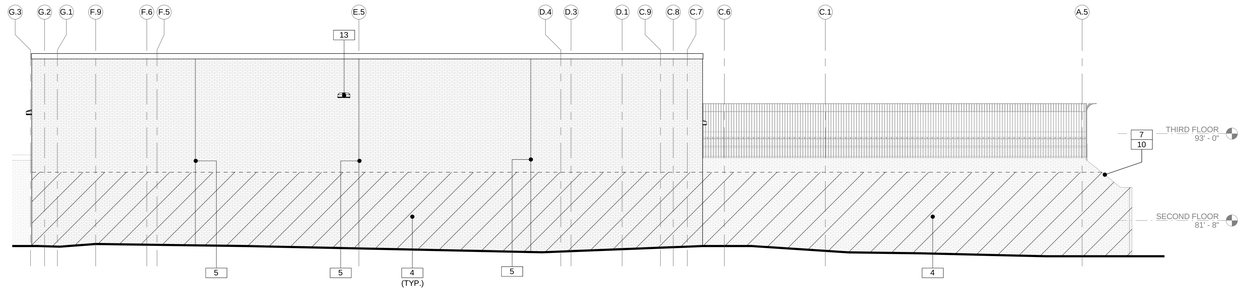
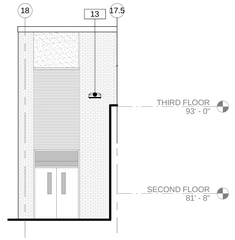
DRAWING NO.
AD026



1 BLDG B - PARTIAL EAST DEMO ELEVATION

AD027 SCALE: 1/8" = 1'-0"



2 BLDG B - PARTIAL DEMO ELEVATION

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ELEVATION NOTES	
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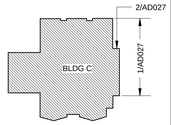
REMOVE EXISTING WINDOW

REMOVE EXISTING WALL

EXISTING MURAL - PROTECT



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Phone: 410.573.9148
Fax:
Email: bjones@educationalsystemsplanning.com
Attn: Bryan Jones

BID DOCUMENTS
FEBRUARY 16, 2018

Revision Schedule

NO.	DESCRIPTION	DATE
2	Addendum #2	03/22/2018

SCHOOL & LOCATION

Motivation High School

5900 Baltimore Avenue, Philadelphia PA 19143

PROJECT TITLE

Renovations to Motivation High School

DRAWING TITLE

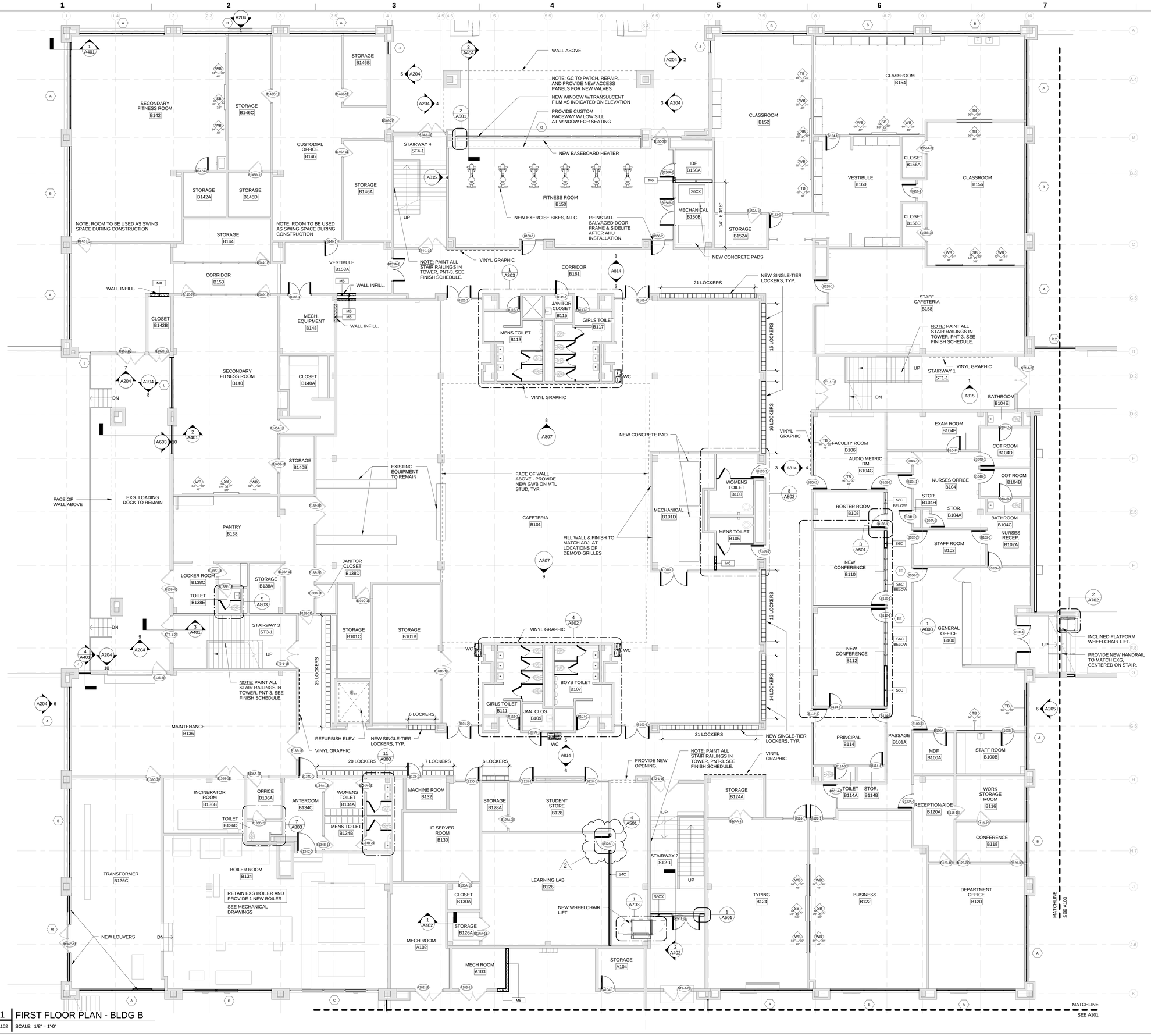
BUILDING C - DEMO ELEVATIONS

LOCATION NO.	FILE NO.
DRAWN BY *Author*	CHECKED BY *Checker*

B-014 C **OF** *2017/18*
B-017 C **OF** *2017/18*
B-015 C **OF** *2017/18*
B-016 C **OF** *2017/18*

DRAWING NO.

AD027



1 FIRST FLOOR PLAN - BLDG B

A102 SCALE: 1/8" = 1'-0"

LEGEND

OFFICE 101	ROOM NAME AND NUMBER
A101	DOOR NUMBER, SEE DOOR SCHEDULE
W1	WINDOW TAG, SEE WINDOW TYPES
2	PARTITION TAG - SEE PARTITION TYPES
	NEW STEEL STUD WALL CONSTRUCTION
	NEW CONCRETE MASONRY UNIT (C.M.U.) WALL CONSTRUCTION
	EXISTING CONSTRUCTION
2 A3.02	WALL SECTION KEY - TOP IS DRAWING NUMBER, BOTTOM IS SHEET NUMBER
2 A3.02	BUILDING SECTION KEY - TOP IS DRAWING NUMBER, BOTTOM IS SHEET NUMBER
3 A2.01	ELEVATION KEY - TOP IS DRAWING NUMBER, BOTTOM IS SHEET NUMBER
	DENOTES ADA ACCESSIBLE FIXTURES
100.00	DENOTES FINISHED FLOOR ELEVATION
WC	DENOTES ELECTRIC WATER COOLER
0'-0"	DENOTES FINSHED FLOOR ELEVATION
3' - 0"	DENOTES DIMENSION FROM COLUMN GRID
	INDICATES NEW FLOOR FINISH TO MATCH EXG.
WC	NEW WATER COOLER

GENERAL PLAN NOTES

1. ALL DIMENSIONS ARE TO FACE OF MASONRY, ROUGH FRAME, OR CENTER LINE OF COLUMN, TYP. UNLESS NOTED OTHERWISE. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
2. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
3. ALL PARTITIONS ARE CONTINUOUS ABOVE DOORS, FRAMES, CASED OPENINGS, BORROWED LIGHTS, HOLLOW METAL FRAMES, CURTAINWALL ND ALUMINUM WINDOWS. ALL PARTITIONS ARE CONTINUOUS BELOW PARTIAL HEIGHT SIDELIGHTS, COUNTER DOORS, HOLLOW METAL WINDOWS AND BORROWED LIGHTS.
4. ALL FURNITURE IS NOT IN CONTRACT
5. FIRE TREATED PLYWOOD IN ALL ELECTRICAL, MDF, AND IDF ROOMS FOR EQUIPMENT AND PANEL MOUNTING, TYP.
6. CLEAN ALL EXISTING FLOORS, TYPICAL THROUGHOUT.
7. PROVIDE NEW SOLAR SHADES TO ALL CLASSROOMS.
8. CENTER NEW SINGLE-TIER LOCKERS IN EXG. RECESS PROVIDE EQUAL END PANELS, TYP.
9. EXISTING CASEWORK TO REMAIN UNLESS NOTED OTHERWISE.
10. ALL SMARTBOARDS ARE OWNER PROVIDED, OWNER INSTALLED.

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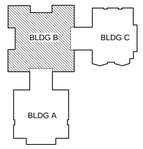
DRAWING TITLE

BUILDING B FIRST FLOOR PLAN



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B-014 C OF *2017/18*
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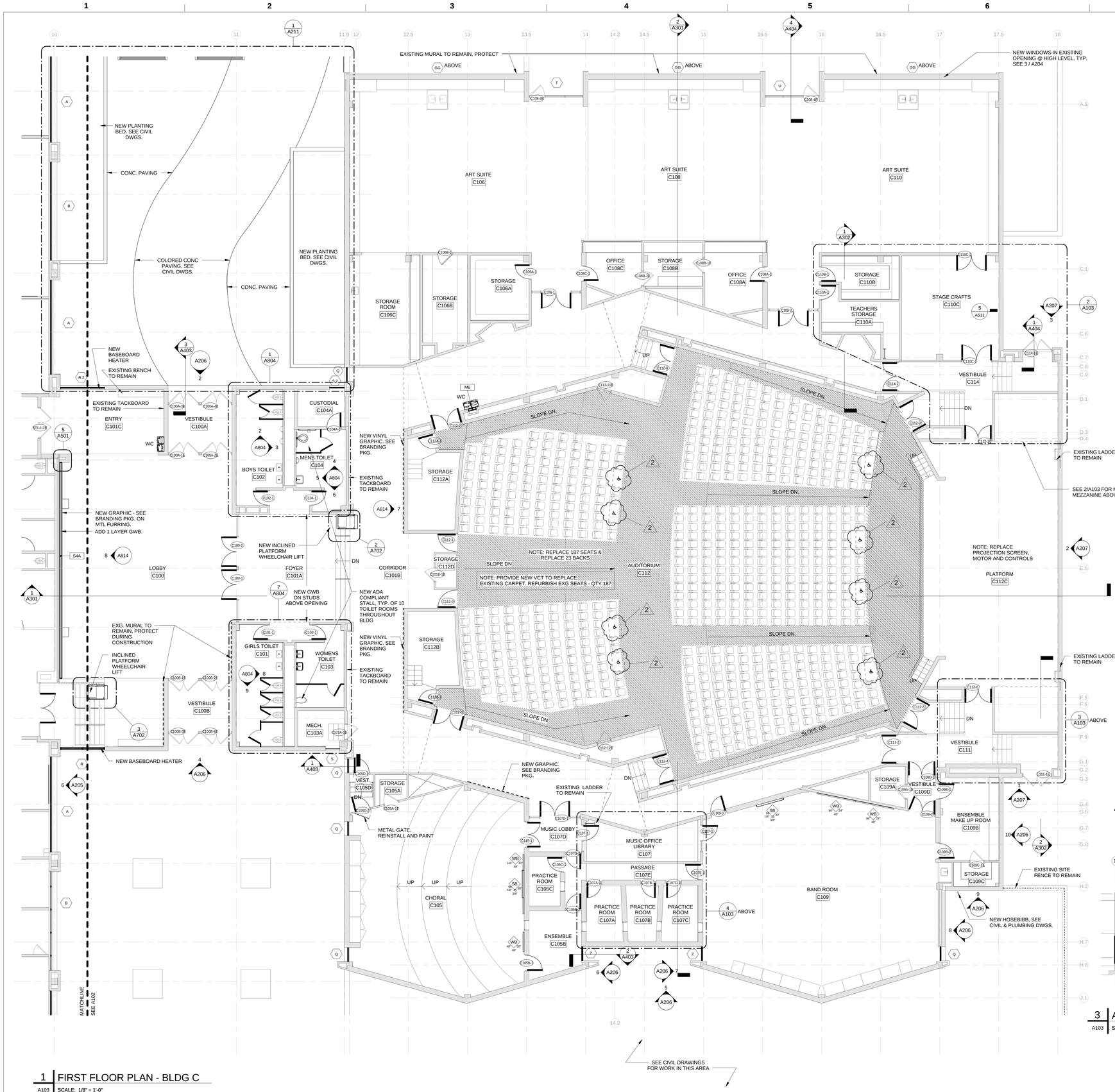
B-015 C OF *2017/18*
B-016 C OF *2017/18*

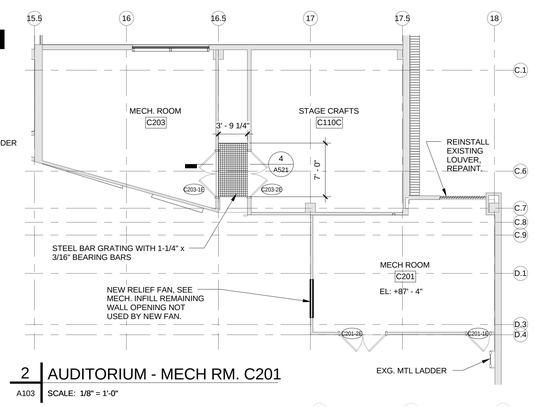
DRAWING NO.

A102

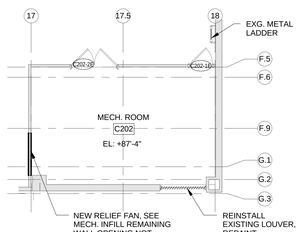
True Project



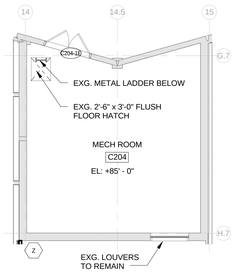
1 FIRST FLOOR PLAN - BLDG C
A103 SCALE: 1/8" = 1'-0"



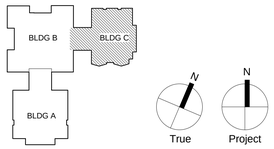
2 AUDITORIUM - MECH RM. C201
A103 SCALE: 1/8" = 1'-0"



3 AUDITORIUM MEZZANINE - SOUTH
A103 SCALE: 1/8" = 1'-0"



4 PLAN - MECH RM. C204
A103 SCALE: 1/8" = 1'-0"



LEGEND

OFFICE 101	ROOM NAME AND NUMBER
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W1	WINDOW TAG, SEE WINDOW TYPES
2	PARTITION TAG - SEE PARTITION TYPES
	NEW STEEL STUD WALL CONSTRUCTION
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	DENOTES ADA ACCESSIBLE FIXTURES
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	DENOTES ELECTRIC WATER COOLER
0'-0"	DENOTES FINSHED FLOOR ELEVATION
3' - 0"	DENOTES DIMENSION FROM COLUMN GRID
	INDICATES NEW FLOOR FINISH TO MATCH EXG.
WC	NEW WATER COOLER

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BID DOCUMENTS
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Revision Schedule

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2	Addendum #2	03/22/2018

SCHOOL & LOCATION

Motivation High School
5900 Baltimore Avenue, Philadelphia
PA 19143

PROJECT TITLE

Renovations to Motivation High School

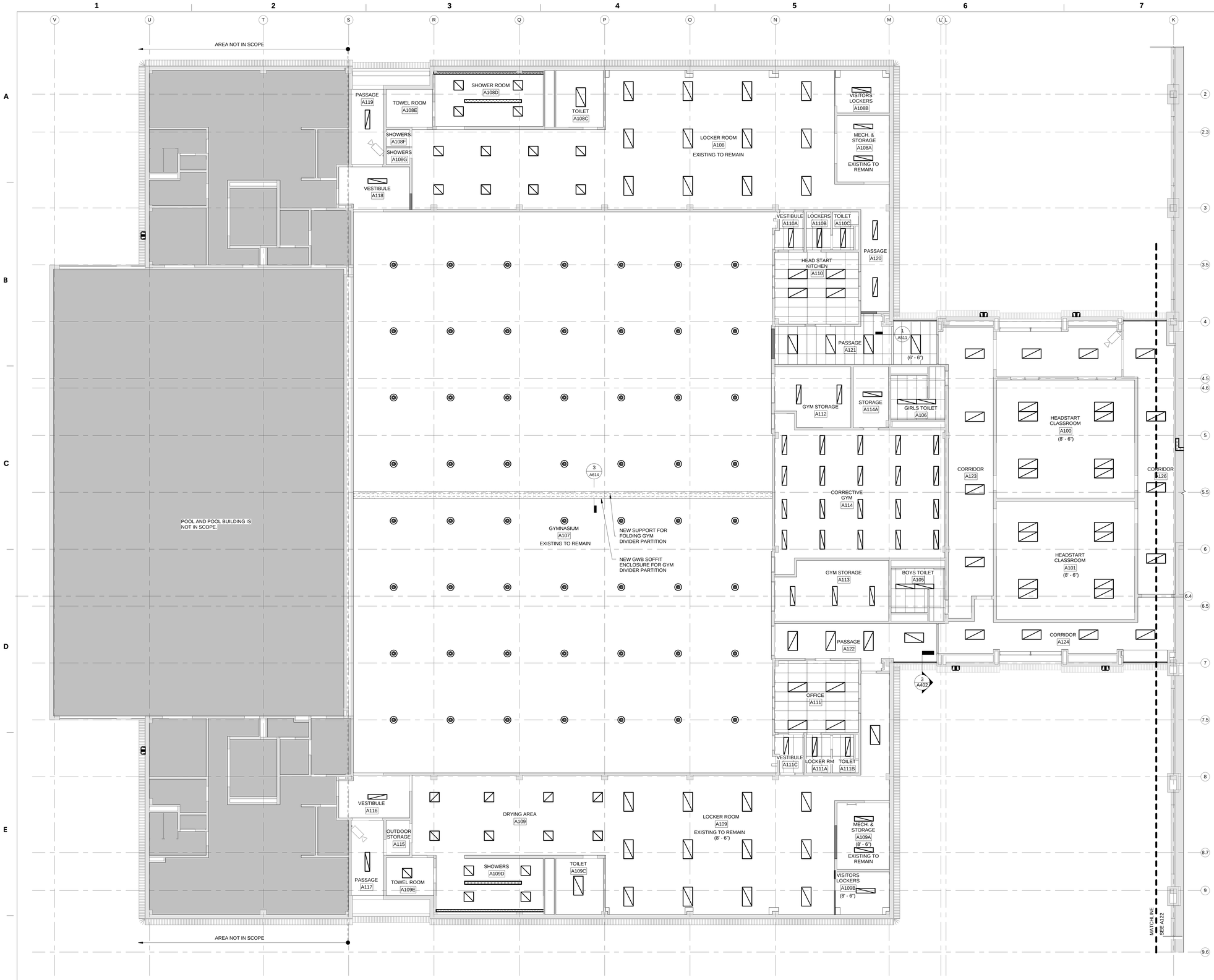
DRAWING TITLE

BUILDING C FIRST FLOOR PLAN

LOCATION NO.	FILE NO.
DRAWN BY *Author*	CHECKED BY *Checker*

B-014 C **OF** *2017/18*
B-017 C **OF** *2017/18*
B-015 C **OF** *2017/18*
B-016 C **OF** *2017/18*

DRAWING NO.
A103



1 FIRST FLOOR REFLECTED CEILING PLAN - BLDG A

A121 SCALE: 1/8" = 1'-0"

CEILING LEGEND

(9'-0")	INDICATES CEILING HEIGHT ABOVE FINISHED FLOOR
	2x4 ACOUSTICAL CEILING TILE SYSTEM
	EXPOSED EXISTING CEILING - PAINT
	NOT IN SCOPE
	LIGHT FIXTURE, SEE ELEC. DWGS.
	PENDANT FIXTURE, SEE ELEC. DWGS.
	ACOUSTIC SOUND REFLECTOR
	SOLAR SHADE
SS	SPEAKER
	EXISTING TILE CEILING

CEILING NOTES

1.) ALL NEW GRID CEILINGS TO BE INSTALLED AT 9'-0" ABOVE FINISH FLOOR UNLESS OTHERWISE NOTED.

2.) ALL CEILING TILE TO BE CENTERED IN ROOMS, UNLESS OTHERWISE NOTED.

3.) ALL EXISTING CEILING TILE TO BE REMOVED AND REPLACED.

4.) CONTRACTOR TO PROVIDE CEILING EXPANSION JOINTS PER SPECIFICATION REQUIREMENTS AND MANUFACTURER'S RECOMMENDATIONS AT ALL BUILDING EXPANSION JOINT LOCATIONS.

5) REFERENCE MECHANICAL DRAWINGS FOR CEILING MOUNTED DUCTS, PIPES, ETC.

6.) REFERENCE ELECTRICAL DRAWINGS FOR LIGHTING FIXTURE LOCATIONS.

7.) ALL ROOMS NAMED STORAGE TO HAVE EXISTING ACT REMOVED, PAINT EXISTING EXPOSED STRUCTURE

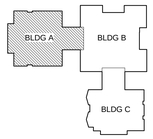
GENERAL NOTES

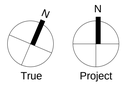
1.) ALL DIMENSIONS ARE TO FACE OF MASONRY, ROUGH FRAME OR CENTER LINE OF COLUMN - TYPICAL, UNLESS OTHERWISE NOTED. CONTRACTOR SHALL VERIFY **ALL** DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATLEY OF ANY DISCREPANCIES.

2.) EC TO REMOVE OR SECURE EXISTING SMOKE DETECTORS AND CCTV CAMERAS BEFORE EXISTING ACT MAY BE DEMOLISHED. REINSTALL IN NEW ACT CEILINGS.

2

NOTE: PARTIAL 'BLDG A' PLAN ROTATED 90 DEGREES CLOCKWISE





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Revision Schedule

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SCHOOL & LOCATION

Motivation High School

5900 Baltimore Avenue, Philadelphia PA 19143

PROJECT TITLE

Renovations to Motivation High School

DRAWING TITLE

BUILDING A FIRST FLOOR RCP

LOCATION NO.	FILE NO.
DRAWN BY *Author*	CHECKED BY *Checker*

B-014 C **OF** *2017/18*
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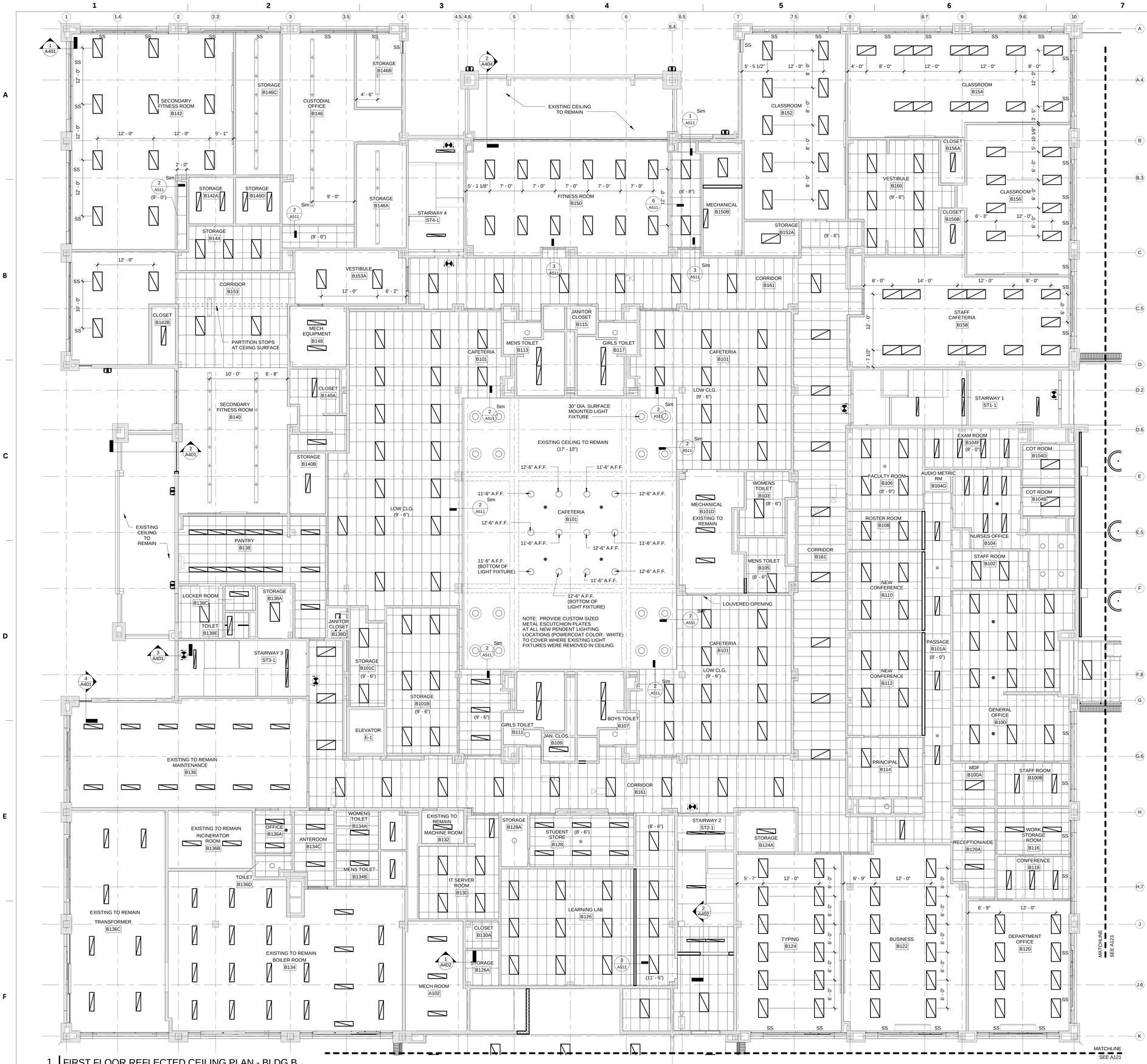
DRAWING NO.

A121



1 FIRST FLOOR REFLECTED CEILING PLAN - BLDG B

A122 SCALE: 1/8" = 1'-0"

CEILING LEGEND

(9'-0")	INDICATES CEILING HEIGHT ABOVE FINISHED FLOOR
	2x4 ACOUSTICAL CEILING TILE SYSTEM
	EXPOSED EXISTING CEILING - PAINT
	NOT IN SCOPE
	LIGHT FIXTURE, SEE ELEC. DWGS.
	PENDANT FIXTURE, SEE ELEC. DWGS.
	ACOUSTIC SOUND REFLECTOR
	SOLAR SHADE
SS	SPEAKER
	EXISTING TILE CEILING

CEILING NOTES

1.) ALL NEW GRID CEILINGS TO BE INSTALLED AT 9'-0" ABOVE FINISH FLOOR UNLESS OTHERWISE NOTED.

2.) ALL CEILING TILE TO BE CENTERED IN ROOMS, UNLESS OTHERWISE NOTED.

3.) ALL EXISTING CEILING TILE TO BE REMOVED AND REPLACED.

4.) CONTRACTOR TO PROVIDE CEILING EXPANSION JOINTS PER SPECIFICATION REQUIREMENTS AND MANUFACTURER'S RECOMMENDATIONS AT ALL BUILDING EXPANSION JOINT LOCATIONS.

5) REFERENCE MECHANICAL DRAWINGS FOR CEILING MOUNTED DUCTS, PIPES, ETC.

6.) REFERENCE ELECTRICAL DRAWINGS FOR LIGHTING FIXTURE LOCATIONS.

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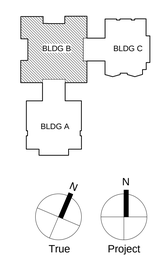

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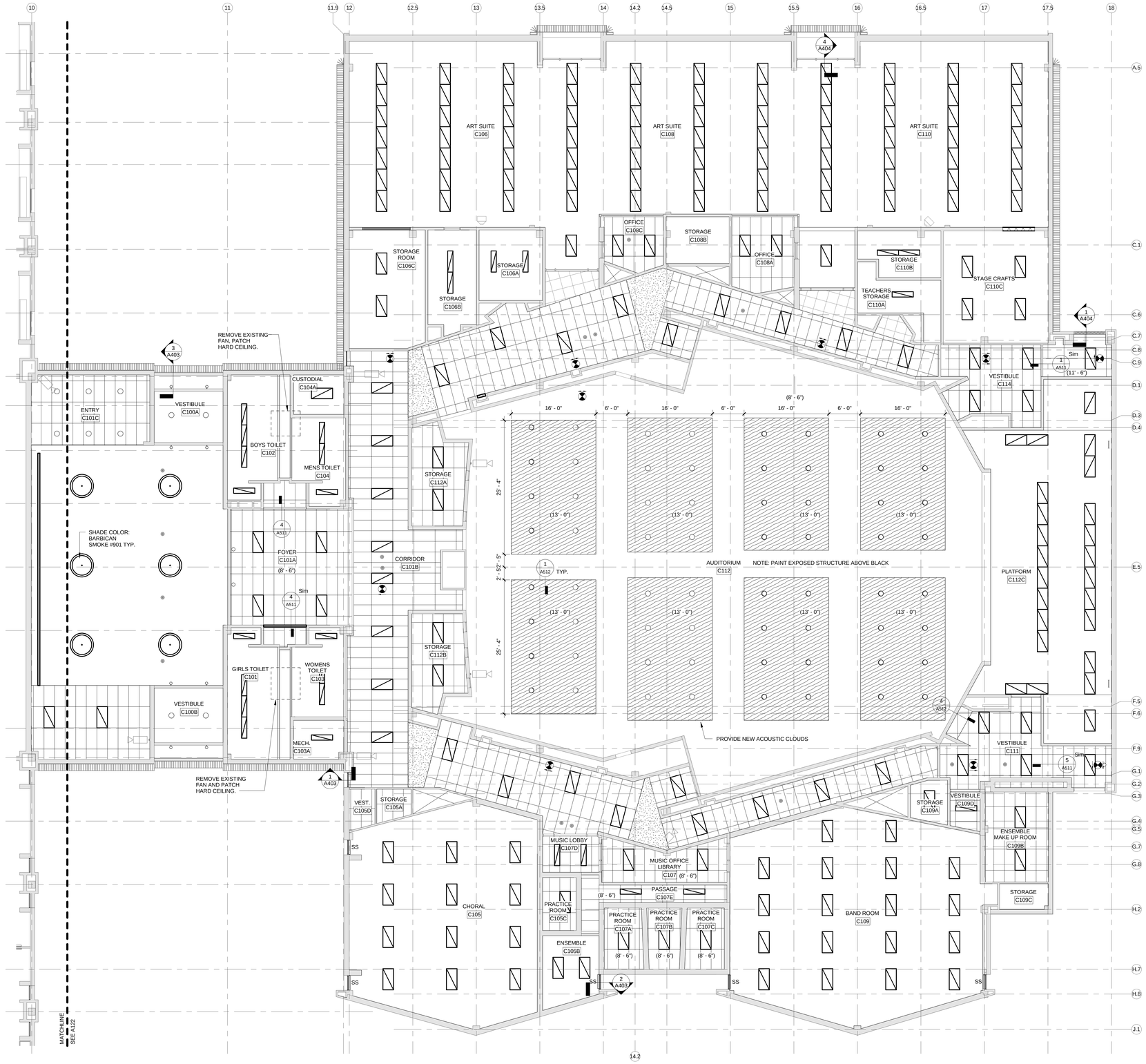
DRAWING NO.

A122



1 FIRST FLOOR REFLECTED CEILING PLAN - BLDG C

A123 SCALE: 1/8" = 1'-0"

CEILING LEGEND

(9'-0")	INDICATES CEILING HEIGHT ABOVE FINISHED FLOOR
	2x4 ACOUSTICAL CEILING TILE SYSTEM
	EXPOSED EXISTING CEILING - PAINT
	NOT IN SCOPE
	LIGHT FIXTURE, SEE ELEC. DWGS.
	PENDANT FIXTURE, SEE ELEC. DWGS.
	ACOUSTIC SOUND REFLECTOR
	SOLAR SHADE
SS	SPEAKER
	EXISTING TILE CEILING

CEILING NOTES

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2.) ALL CEILING TILE TO BE CENTERED IN ROOMS, UNLESS OTHERWISE NOTED.

3.) ALL EXISTING CEILING TILE TO BE REMOVED AND REPLACED.

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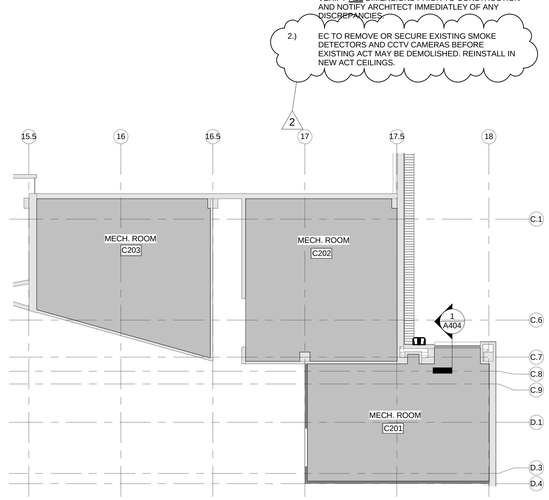
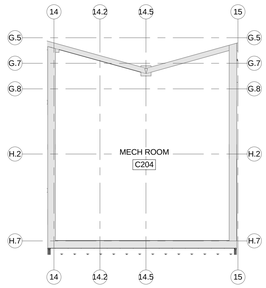


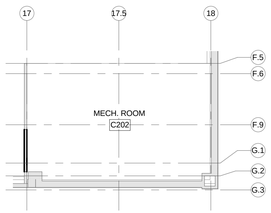
3 MECH RM. C201 RCP

A123 SCALE: 1/8" = 1'-0"



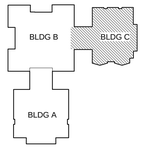
4 RCP - MECH ROOM C204

A123 SCALE: 1/8" = 1'-0"



2 MECH RM. C202 RCP

A123 SCALE: 1/8" = 1'-0"



True Project

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SEAL:

NAME (LICENSED PROFESSIONAL) STATE AND LICENSE NO: | DATE XX/XX/20XX

Architectural:

SCHRADERGROUP Architecture, LLC
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Fax: 215.482.7441
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Attn: Ken Bissinger

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Fax:
Email: bjones@educationalsystemsplanning.com
Attn: Bryan Jones

BID DOCUMENTS
FEBRUARY 16, 2018

Revision Schedule

NO.	DESCRIPTION	DATE

SCHOOL & LOCATION

Motivation High School

5900 Baltimore Avenue, Philadelphia PA 19143

PROJECT TITLE

Renovations to Motivation High School

DRAWING TITLE

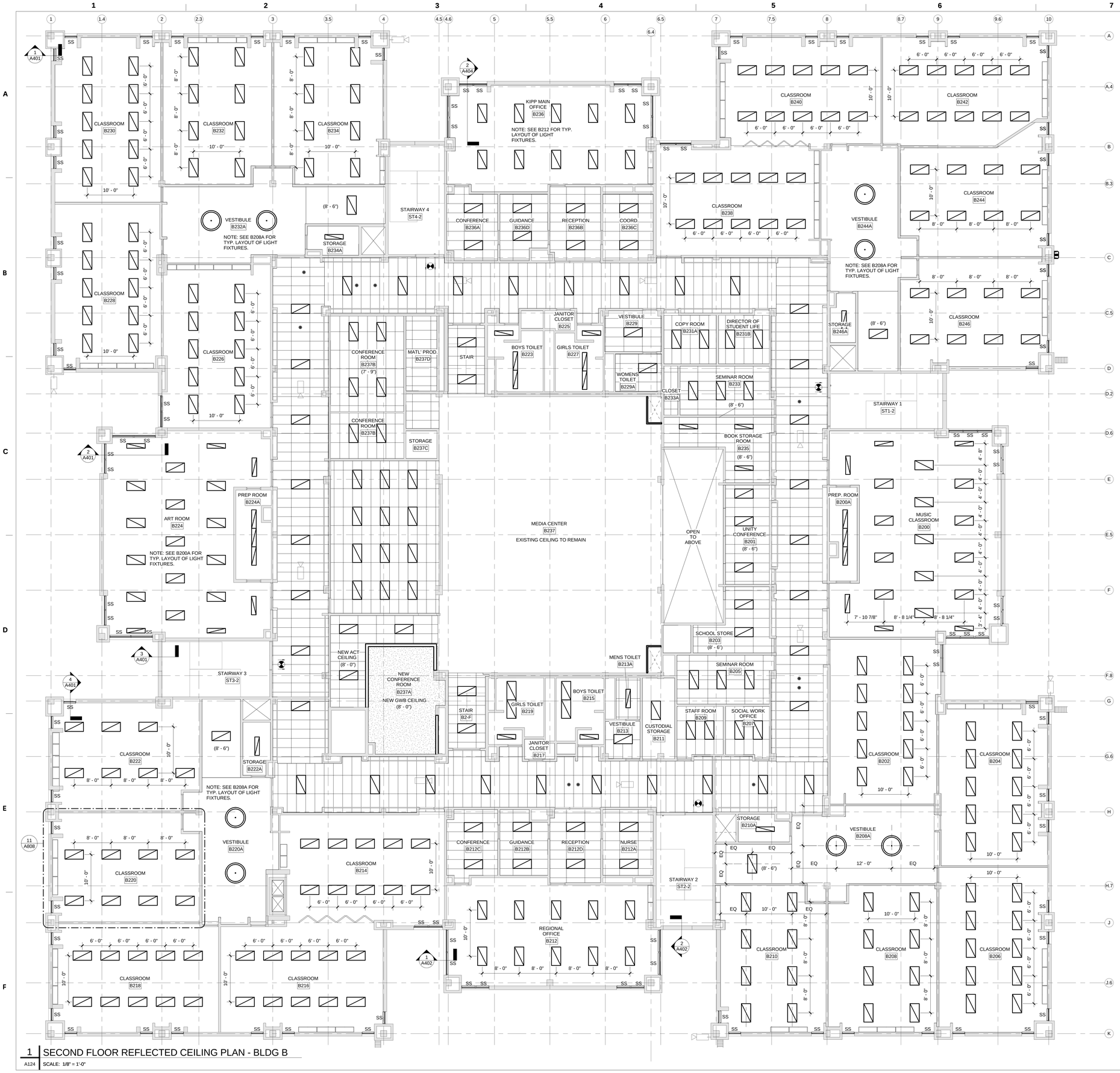
BUILDING C FIRST FLOOR RCP

LOCATION NO.	FILE NO.
DRAWN BY *Author*	CHECKED BY *Checker*

B-014 C	**OF**	*2017/18*
B-017 C	**OF**	*2017/18*
B-015 C	**OF**	*2017/18*
B-016 C	**OF**	*2017/18*

DRAWING NO.

A123



1 SECOND FLOOR REFLECTED CEILING PLAN - BLDG B

A124 SCALE: 1/8" = 1'-0"

CEILING LEGEND

(9'-0")	INDICATES CEILING HEIGHT ABOVE FINISHED FLOOR
	2x4 ACOUSTICAL CEILING TILE SYSTEM
	EXPOSED EXISTING CEILING - PAINT
	NOT IN SCOPE
	LIGHT FIXTURE, SEE ELEC. DWGS.
	PENDANT FIXTURE, SEE ELEC. DWGS.
	ACOUSTIC SOUND REFLECTOR
SS	SOLAR SHADE
	SPEAKER
	EXISTING TILE CEILING

CEILING NOTES

1.) ALL NEW GRID CEILINGS TO BE INSTALLED AT 9'-0" ABOVE FINISH FLOOR UNLESS OTHERWISE NOTED.

2.) ALL CEILING TILE TO BE CENTERED IN ROOMS, UNLESS OTHERWISE NOTED.

3.) ALL EXISTING CEILING TILE TO BE REMOVED AND REPLACED.

4.) CONTRACTOR TO PROVIDE CEILING EXPANSION JOINTS PER SPECIFICATION REQUIREMENTS AND MANUFACTURER'S RECOMMENDATIONS AT ALL BUILDING EXPANSION JOINT LOCATIONS.

5) REFERENCE MECHANICAL DRAWINGS FOR CEILING MOUNTED DUCTS, PIPES, ETC.

6.) REFERENCE ELECTRICAL DRAWINGS FOR LIGHTING FIXTURE LOCATIONS.

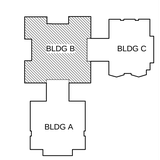
7.) ALL ROOMS NAMED STORAGE TO HAVE EXISTING ACT REMOVED, PAINT EXISTING EXPOSED STRUCTURE

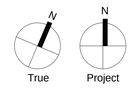
GENERAL NOTES

1.) ALL DIMENSIONS ARE TO FACE OF MASONRY, ROUGH FRAME OR CENTER LINE OF COLUMN - TYPICAL, UNLESS OTHERWISE NOTED. CONTRACTOR SHALL VERIFY **ALL** DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATLEY OF ANY DISCREPANCIES.

2.) EC TO REMOVE OR SECURE EXISTING SMOKE DETECTORS AND CCTV CAMERAS BEFORE EXISTING ACT MAY BE DEMOLISHED. REINSTALL IN NEW ACT CEILINGS.

2





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BID DOCUMENTS
FEBRUARY 16, 2018

Revision Schedule

NO.	DESCRIPTION	DATE

SCHOOL & LOCATION

Motivation High School

5900 Baltimore Avenue, Philadelphia
PA 19143

PROJECT TITLE

Renovations to Motivation High School

DRAWING TITLE

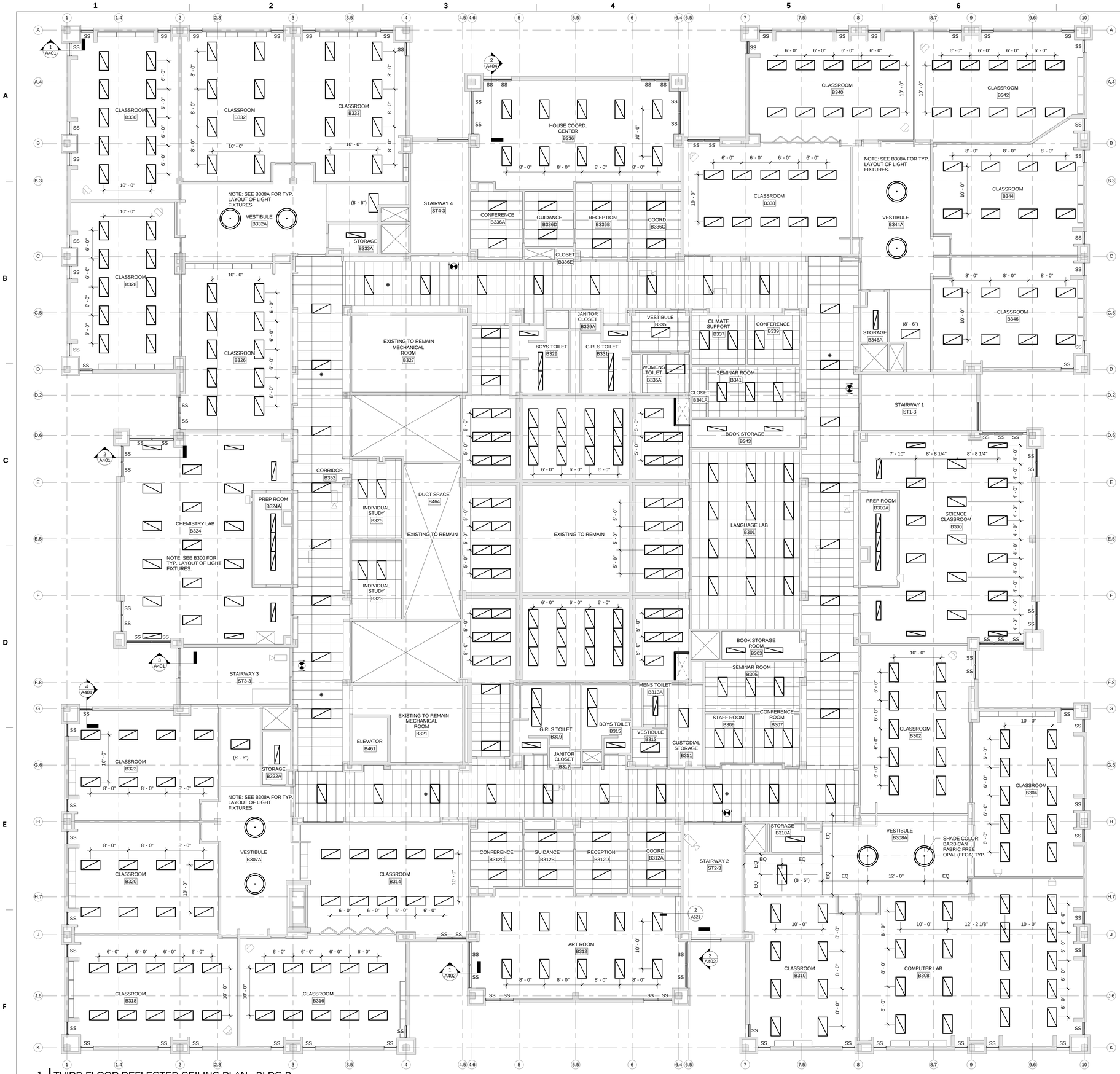
BUILDING B SECOND FLOOR RCP

LOCATION NO.	FILE NO.
DRAWN BY *Author*	CHECKED BY *Checker*

B-014 C	**OF**	*2017/18*
B-017 C	**OF**	*2017/18*
B-015 C	**OF**	*2017/18*
B-016 C	**OF**	*2017/18*

DRAWING NO.

A124



1 THIRD FLOOR REFLECTED CEILING PLAN - BLDG B

A125 SCALE: 1/8" = 1'-0"

CEILING LEGEND

(9'-0")	INDICATES CEILING HEIGHT ABOVE FINISHED FLOOR
	2x4 ACOUSTICAL CEILING TILE SYSTEM
	EXPOSED EXISTING CEILING - PAINT
	NOT IN SCOPE
	LIGHT FIXTURE, SEE ELEC. DWGS.
	PENDANT FIXTURE, SEE ELEC. DWGS.
	ACOUSTIC SOUND REFLECTOR
	SOLAR SHADE
SS	SPEAKER
	EXISTING TILE CEILING

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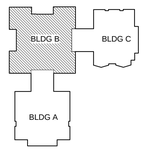

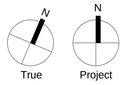

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Motivation High School

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DRAWING TITLE

BUILDING B THIRD FLOOR RCP

LOCATION NO.	FILE NO.
DRAWN BY *Author*	CHECKED BY *Checker*

B-014 C	**OF**	*2017/18*
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B-015 C	**OF**	*2017/18*
B-016 C	**OF**	*2017/18*

DRAWING NO.

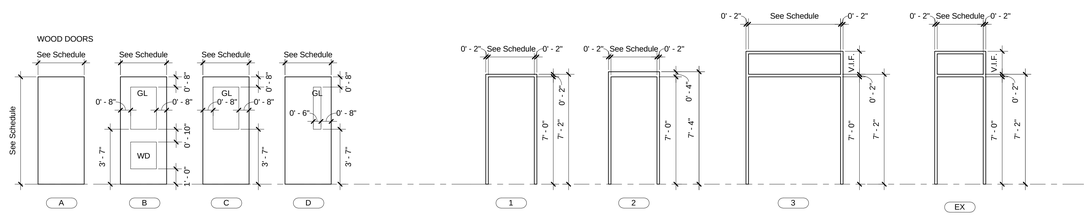
A125

DOOR AND FRAME SCHEDULE - BUILDING A & C

	DOOR						FRAME				GLAZING	FIRE	
NO.	TYPE	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	Type	MATERIAL	FINISH	DEPTH	TYPE	RATING	Comments
A100-1E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
A100-2E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
A101-1E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
A101-2E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
A102-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
A103-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
A104-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A105-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A106-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A107-1	A	3' - 0"	7' - 2"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A107-2	A	3' - 0"	7' - 2"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A108-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
A108A-1E	EX	5' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
A108E-1E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
A108E-2E	EX	2' - 10"	4' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
A109-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
A109A-1E	EX	5' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
A109E-1E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
A109E-2E	EX	2' - 10"	4' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
A110-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A110A-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A110A-2	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A110B-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A110C-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A111-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A111A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A111B-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A111C-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A111C-2	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A112-1	A	6' - 0"	7' - 2"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A113-1	A	6' - 0"	7' - 2"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A114-1	D	3' - 0"	7' - 2"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A114-2	D	3' - 0"	7' - 2"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A114A-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A115-1E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
A116-1	A	6' - 0"	7' - 2"	0' - 1 3/4"	Wood	Stain	3	Hollow Metal	Paint	0' - 5 3/4"		-	
A116-2E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
A117-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
A117-2E	EX	6' - 2"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
A118-1	A	6' - 0"	7' - 2"	0' - 1 3/4"	Wood	Stain	3	Hollow Metal	Paint	0' - 5 3/4"		-	
A118-2E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
A119-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
A119-2E	EX	6' - 2"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
A121-1	D	6' - 0"	7' - 2"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A121-2	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A121-3	D	6' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	REMOVABLE CENTER MULLION
A122-1	D	6' - 0"	7' - 2"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A122-2	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
A122-3	D	6' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	REMOVABLE CENTER MULLION
A123-1E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
A123-2E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
A124-1E	EX	6' - 2"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
A124-2E	EX	6' - 2"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
A125-1E	EX	6' - 2"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
A125-2E	EX	6' - 2"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
A126-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
A126-2E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
C100-1	D	6' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C100-2	D	6' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C100A-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
C100A-2E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
C100A-3E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
C100A-4E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
C100B-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
C100B-2E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
C100B-3E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
C100B-4E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
C101-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C101B-1E	EX	2' - 8"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	EX			-	EXISTING TO REMAIN
C102-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C103-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C103A-1E	EX	3' - 0"	6' - 4"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
C104-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C104A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C105A-1E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
C105B-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C105B-2	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	

DOOR AND FRAME SCHEDULE - BUILDING A & C

	DOOR						FRAME				GLAZING	FIRE	
NO.	TYPE	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	Type	MATERIAL	FINISH	DEPTH	TYPE	RATING	Comments
C105C-1	D	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C105D-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C105D-2	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C106A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C106B-1	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			90	
C107-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C107-2	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C107A-1	D	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C107B-1	D	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C107C-1	D	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C107D-1	D	6' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C107D-2	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C107E-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C108-1	D	6' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C108-2	D	6' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C108-3E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
C108-4E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
C108A-1	D	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C108B-1E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
C108B-2E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
C108C-1	D	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C109-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C109-2	D	5' - 4"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C109A-1E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
C109B-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C109B-2	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C109C-1E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
C109D-1	D	5' - 4"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C110A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C110B-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C110C-1	A	6' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C110C-2	A	6' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C111-1E	EX	5' - 8"	8' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
C111-2	D	5' - 8"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C112-1	D	3' - 6"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C112-2	D	3' - 6"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C112-3	D	5' - 8"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C112-4	D	5' - 8"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C112-5	D	5' - 8"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C112-6	D	5' - 4"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C112-7	D	5' - 8"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C112-8	D	5' - 8"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C112-9	D	5' - 8"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C112-10	D	5' - 4"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C112-11E	EX	2' - 8"	4' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
C112-12E	EX	2' - 8"	4' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
C112A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C112B-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C114-1E	EX	5' - 8"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
C114-2	D	5' - 8"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C145-1	D	5' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint			-	
C201-1E	EX	3' - 0"	6' - 10"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
C201-2E	EX	6' - 0"	6' - 10"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
C202-1E	EX	3' - 0"	6' - 10"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
C202-2E	EX	6' - 0"	6' - 10"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
C203-1E	EX	6' - 0"	4' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
C203-2E	EX	6' - 0"	6' - 2"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
C204-1E	EX	6' - 0"	5' - 6"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint			-	EXISTING TO REMAIN
ST1-1-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
ST1-1-2E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
ST1-2-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
ST1-3-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
ST2-1-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
ST2-1-2E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
ST2-1-3	D	6' - 0"	7' - 0"	0' - 1 3/4"	Hollow Metal	Paint	1	Hollow Metal	Paint	0' - 8 1/4"		60 MIN	
ST2-2-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
ST2-3-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
ST3-1-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
ST3-1-2E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVABLE CENTER MULLION; REMOVE AND REPLACE EXISTING HARDWARE
ST3-2-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
ST3-3-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVE AND REPLACE EXISTING HARDWARE
ST4-1-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVABLE CENTER MULLION; REMOVE AND REPLACE EXISTING HARDWARE
ST4-1-2E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVABLE CENTER MULLION; REMOVE AND REPLACE EXISTING HARDWARE
ST4-2-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVABLE CENTER MULLION; REMOVE AND REPLACE EXISTING HARDWARE
ST4-2-2E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVABLE CENTER MULLION; REMOVE AND REPLACE EXISTING HARDWARE
ST4-3-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVABLE CENTER MULLION; REMOVE AND REPLACE EXISTING HARDWARE
ST4-3-2E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint			-	REMOVABLE CENTER MULLION; REMOVE AND REPLACE EXISTING HARDWARE



NOTE: NEW DOOR FRAME WITH TRANSOM TO REPLACE EXISTING.

NOTE:TRANSOM PANEL TO REMAIN; PAINT TRANSOM FRAME. DO NOT DISTURB TRANSITE PANELS; DO NOT DRILL OR PERFORATE TRANSOM PANELS IN ANY WAY.

DOOR AND FRAME TYPES

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

THE SCHOOL DISTRICT OF PHILADELPHIA

OFFICE OF CAPITAL PROGRAMS

440 NORTH BROAD STREET
PHILADELPHIA, PA 19130 - 4015

(215) 400 - 4730 | (215) 400 - 4731 (fax)
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SEAL:

NAME (LICENSED PROFESSIONAL): DATE
STATE AND LICENSE NO: XX/XX/20XX

Architectural:

SCHRADERGROUP Architecture, LLC
Address: 161 Leverington Ave, Suite 105, Philadelphia, PA 19127
Phone: 215.482.7440
Fax: 215.482.7441
Email: Canspach@sgarc.com
Attn: Courtney Anspach

Structural:

SCHRADERGROUP Architecture, LLC
Address: 153 East King Street, Suite 211-212, Lancaster, PA 17602
Phone: 717.299.8965
Fax:
Email: tforsberg@sgarc.com
Attn: Tom Forsberg

Civil:

Renew Design Group
Address: 117 East Broad Street, 3rd Floor, Souderton, PA 18964
Phone: 484.443.4433
Fax:
Email: kenbissinger@renewdesigngroup.com
Attn: Ken Bissinger

MEP:

Global Engineering Solutions
Address: 6700 Rockledge Drive, #301, Bethesda, MD 20817
Phone: 301.216.2871
Fax: 301.216.9671
Email: vassilis@theges.com
Attn: Vassilis Skardis

Security/IT:

Educational Systems Planning
Address: 49 Old Solomons Island Road, Annapolis, MD 21401
Phone: 410.573.9148
Fax:
Email: bjones@educationalsystemsplanning.com
Attn: Bryan Jones

BID DOCUMENTS
FEBRUARY 16, 2018

Revision Schedule

NO.	DESCRIPTION	DATE
2	Addendum #2	03/22/2018

SCHOOL & LOCATION

Motivation High School

5900 Baltimore Avenue, Philadelphia
PA 19143

PROJECT TITLE

Renovations to Motivation High School

DRAWING TITLE

DOOR SCHEDULE

LOCATION NO.	FILE NO.
DRAWN BY *Author*	CHECKED BY *Checker*

B-014 C **OF** *2017/18*
B-017 C **OF** *2017/18*
B-015 C **OF** *2017/18*
B-016 C **OF** *2017/18*

DRAWING NO.

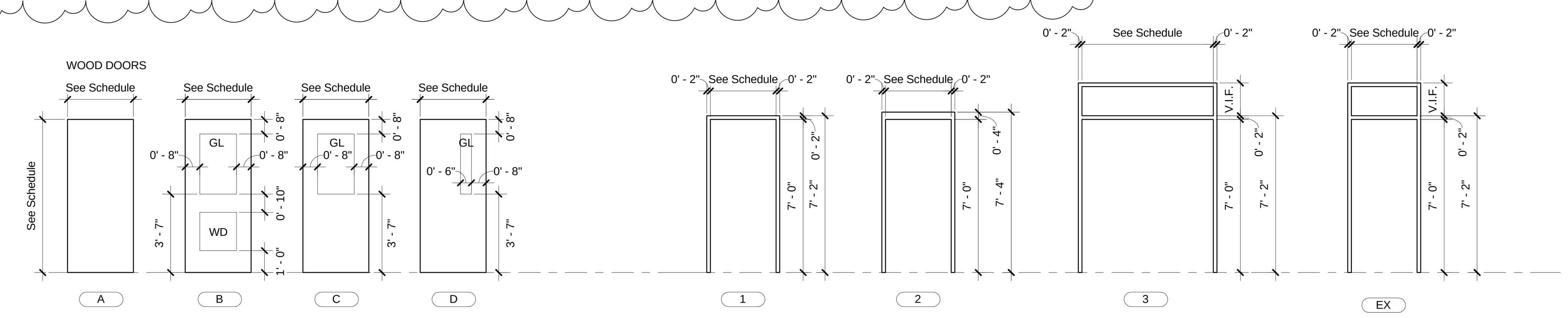
A601

DOOR AND FRAME SCHEDULE - BUILDING B

Rev.	NO.	DOOR TYPE	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	FRAME TYPE	MATERIAL	FINISH	DEPTH	EXISTING TRANSOM	GLAZING TYPE	FIRE RATING	Comments
	B2E-1	D	5' - 8"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B2F-1	D	5' - 8"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B3E-1	D	5' - 8"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B3F-1	D	5' - 8"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B100-1	C	6' - 0"	7' - 0"	0' - 1 3/4"	Hollow Metal	Paint	EX	Hollow Metal	Paint		Yes	EX	-	
	B100-2	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B100-3	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B100A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	-	-	
	B100B-1	D	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B101-1	D	5' - 4"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B101-2	D	5' - 4"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B101-3	D	5' - 4"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B101-4	D	5' - 4"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B101A-2	D	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B101B-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint		No	-	-	EXISTING TO REMAIN
	B101C-1E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint		No	-	-	REMOVE AND REPLACE EXISTING HARDWARE
	B101D-1	A	6' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B102-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B102-2	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B102A-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B103-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B104-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B104A-3	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B104B-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B104B-2	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B104D-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B104D-2	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B104F-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B104G-1E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	REMOVE AND REPLACE EXISTING HARDWARE
	B104H-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B105-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B106-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B106-2	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B107-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B108-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	2	Hollow Metal	Paint		Yes	-	-	
	B109-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B110-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	2	Hollow Metal	Paint		Yes	-	-	
	B111-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B112-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	2	Hollow Metal	Paint		Yes	-	-	
	B113-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B114-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B114-2	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B114-3	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B114-4	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B114-5	D	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B115-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B116-1E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	EX	-	EXISTING TO REMAIN
	B116-2E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
	B117-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B120-1E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	EX	-	EXISTING TO REMAIN
	B120-2E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	EX	-	EXISTING TO REMAIN
	B120-3E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	EX	-	EXISTING TO REMAIN
	B120A-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B122-1	D	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	REVERSE DOOR SWING
	B124-1	D	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	REVERSE DOOR SWING
	B124A-1E	EX	5' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
	B126-1	C	3' - 0"	7' - 0"	0' - 1 3/4"	Hollow Metal	Stain	1	Hollow Metal	Paint	0' - 6 1/4"	Yes	-	-	
	B126A-1E	EX	5' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
	B128-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B128-2	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B128A-3E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
	B130-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B130A-1E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
	B132-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B134A-1E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		No	-	-	EXISTING TO REMAIN
	B134A-2E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		No	-	-	EXISTING TO REMAIN
	B134B-1E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		No	-	-	EXISTING TO REMAIN
	B134B-2E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		No	-	-	EXISTING TO REMAIN
	B134C-1	A	4' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	2	Hollow Metal	Paint		Yes	-	-	
	B134C-2	A	4' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	2	Hollow Metal	Paint		Yes	-	-	
	B136-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint		Yes	-	-	REMOVE AND REPLACE EXISTING HARDWARE
	B136-3E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint		Yes	-	-	REMOVE AND REPLACE EXISTING HARDWARE
	B136A-2E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint		Yes	-	-	REMOVE AND REPLACE EXISTING HARDWARE
	B136B-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint		No	-	-	REMOVE AND REPLACE EXISTING HARDWARE
	B136C-1E	EX	6' - 2"	7' - 2"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint		Yes	-	-	REMOVE AND REPLACE EXISTING HARDWARE
	B136C-2E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint		No	-	-	REMOVE AND REPLACE EXISTING HARDWARE
	B136D-2E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
	B138-1E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint		Yes	-	-	REMOVE AND REPLACE EXISTING HARDWARE
	B138-2E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint		Yes	-	-	REMOVE AND REPLACE EXISTING HARDWARE
	B138-3E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint		Yes	-	-	REMOVE AND REPLACE EXISTING HARDWARE
	B138-4E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint		Yes	EX	-	REMOVE AND REPLACE EXISTING HARDWARE
	B138A-1E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		No	-	-	EXISTING TO REMAIN
	B138C-1E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		No	-	-	EXISTING TO REMAIN
	B138D-1E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		No	-	-	EXISTING TO REMAIN
	B138E-1E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		No	-	-	EXISTING TO REMAIN
	B140-1E	EX	3' - 0"	6' - 10"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint		No	EX	-	REMOVE AND REPLACE EXISTING HARDWARE
	B140-2E	EX	3' - 0"	6' - 10"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint		No	EX	-	REMOVE AND REPLACE EXISTING HARDWARE
	B140A-1E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		No	-	-	EXISTING TO REMAIN
	B140B-1E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		No	-	-	EXISTING TO REMAIN
	B142-1E	EX	3' - 0"	6' - 8"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		No	EX	-	REMOVE AND REPLACE EXISTING HARDWARE
	B142A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	-	-	
	B142B-1E	EX	4' - 6"	7' - 2"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint		Yes	-	-	REMOVE AND REPLACE EXISTING HARDWARE
	B144-1E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	EX	-	REMOVE AND REPLACE EXISTING HARDWARE
	B146-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B146-2E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint		Yes	EX	-	REMOVE AND REPLACE EXISTING HARDWARE
	B146A-1E	EX	3' - 0"	6' - 8"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		No	EX	-	EXISTING TO REMAIN
	B146B-1E	EX	3' - 0"	6' - 8"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		No	EX	-	EXISTING TO REMAIN
	B146C-1E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		No	-	-	EXISTING TO REMAIN
	B146D-1E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		No	-	-	EXISTING TO REMAIN
	B148-1	A	5' - 0"	6' - 10"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B150-1	B	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B150-2	B	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B150-3E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint		Yes	EX	-	REMOVE AND REPLACE EXISTING HARDWARE
	B150A-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	2	Hollow Metal	Paint	0' - 5 3/4"	Yes	-	-	
	B150B-1	A	6' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	2	Hollow Metal	Paint	0' - 5 3/4"		-	-	
2	B152-1	D	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B152A-1E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		No	-	-	EXISTING TO REMAIN
	B153-1E	EX	6' - 0"	7' - 2"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint		No	EX	-	REMOVABLE CENTER MULLION; REMOVE AND REPLACE EXISTING HARDWARE
	B153A-1	A	5' - 0"	6' - 10"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B154-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
2	B156-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B156A-2E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		No	-	-	EXISTING TO REMAIN
	B156B-3E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		No	-	-	EXISTING TO REMAIN
	B158-1	B	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
2	B200-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
2	B200-2	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B200-3	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B200-4	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B201-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B201-2	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B202-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B203-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B204-1	D	3' - 0"	6' - 10"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B205-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B205A-2E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
2	B206-1	D	3' - 0"	6' - 10"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B207-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B208-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B209-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B210-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B210A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B211-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B212A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B212A-2E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
	B212B-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B212B-2E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
	B212C-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B212C-2	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B212D-1	B	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B212D-1E	EX	5' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
	B212D-2	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B213-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B213A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B214-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
2	B216-1	D	3' - 0"	6' - 10"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B217-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B218-1	D	3' - 0"	6' - 10"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
2	B220-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B221-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B221-2	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	

DOOR AND FRAME SCHEDULE - BUILDING B

Rev.	NO.	DOOR TYPE	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	FRAME TYPE	MATERIAL	FINISH	DEPTH	EXISTING TRANSOM	GLAZING TYPE	FIRE RATING	Comments
2	B222-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B222A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B224-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
2	B224-2	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B224A-3	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B224A-4	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B225-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B225-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		No	-	-	EXISTING TO REMAIN
2	B226-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
2	B228-1	D	3' - 0"	6' - 10"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B229-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B229A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B230-1	D	3' - 0"	6' - 10"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B231A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B231B-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B232-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B233-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B233A-2E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
2	B234-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B234A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B235-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B236-1E	EX	5' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
	B236A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B236A-2	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B236B-1	B	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B236B-2	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B236C-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B236C-2E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
	B236D-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B236D-2E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
	B237A-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	1	Hollow Metal	Paint	0' - 8 1/4"	Yes	-	-	
	B237B-1	D	3' - 0"	6' - 8"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B237B-2	D	3' - 0"	6' - 8"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B237C-1	D	2' - 10"	6' - 8"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B237D-1	D	2' - 10"	6' - 8"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
2	B238-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
2	B240-1	D	3' - 0"	6' - 10"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
2	B242-1	D	3' - 0"	6' - 10"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
2	B244-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
2	B246-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B246A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B253-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		No	-	-	EXISTING TO REMAIN
	B280-2X	EX	2' - 6"	4' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	
2	B300-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
2	B300-2	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B300-3	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B300-4	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B301-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B301-2	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B301-3	B	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B301-4	B	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
2	B302-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B303-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B304-1	D	3' - 0"	6' - 10"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B305-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B305-2E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
	B307-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B308-1	D	3' - 0"	6' - 10"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B308-2E	EX	3' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	EX	-	EXISTING TO REMAIN
	B309-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B310-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B310A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B311-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B312-1E	EX	5' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
	B312A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B312A-2E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
	B312B-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B312B-2E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
	B312C-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B312C-2	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B312D-1	B	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B312D-2	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B313-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B313A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B314-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B315-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B316-1	D	3' - 0"	6' - 10"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B317-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B318-1	D	3' - 0"	6' - 10"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B319-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B320-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B321-1E	EX	4' - 8"	5' - 6"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
2	B322-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B322A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B323-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
2	B324-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
2	B324-2	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B324-3	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B324-4	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B325-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
2	B326-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B327-1E	EX	4' - 8"	5' - 6"	0' - 1 3/4"	EX - Hollow Metal	Paint	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
2	B328-1	D	3' - 0"	6' - 10"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B329-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B329A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B330-1	D	3' - 0"	6' - 10"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B331-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B332-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B333-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B333A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B335-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B335A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B336-1E	EX	5' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
	B336A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B336A-2	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B336B-1	B	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B336B-2	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B336C-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B336C-2E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
	B336D-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B336E-2E	EX	2' - 10"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
	B337-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B338-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	T	-	
	B339-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B340-1	D	3' - 0"	6' - 10"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B341-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
	B341A-1E	EX	6' - 0"	7' - 0"	0' - 1 3/4"	EX - Wood	EX	EX	EX	Paint		Yes	-	-	EXISTING TO REMAIN
2	B342-1	D	3' - 0"	6' - 10"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B343-1	A	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	
2	B344-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
2	B346-1	D	3' - 0"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		No	T	-	
	B346A-1	A	2' - 10"	7' - 0"	0' - 1 3/4"	Wood	Stain	EX	EX	Paint		Yes	-	-	



NOTE: NEW DOOR FRAME WITH TRANSOM TO REPLACE EXISTING.

NOTE:TRANSOM PANEL TO REMAIN; PAINT TRANSOM FRAME. DO NOT DISTURB TRANSITE PANELS; DO NOT DRILL OR PERFORATE TRANSOM PANELS IN ANY WAY.

DOOR AND FRAME TYPES

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

THE SCHOOL DISTRICT OF PHILADELPHIA

OFFICE OF CAPITAL PROGRAMS

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REGISTERED ARCHITECT PENNSYLVANIA DAVID ... SCHRADER RA014034X

NAME (LICENSED PROFESSIONAL) DATE
STATE AND LICENSE NO: XX/XX/20XX

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BID DOCUMENTS
FEBRUARY 16, 2018

Revision Schedule		
NO.	DESCRIPTION	DATE
2	Addendum #2	03/22/2018

SCHOOL & LOCATION

Motivation High School

5900 Baltimore Avenue, Philadelphia PA 19143

PROJECT TITLE

Renovations to Motivation High School

DRAWING TITLE

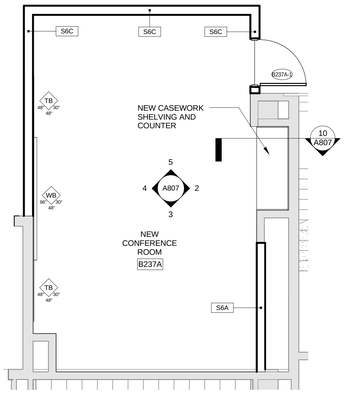
DOOR SCHEDULE

LOCATION NO.	FILE NO.
DRAWN BY *Author*	CHECKED BY *Checker*

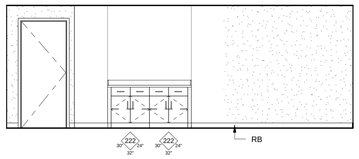
B-014 C **OF** *2017/18*
B-017 C **OF** *2017/18*
B-015 C **OF** *2017/18*
B-016 C **OF** *2017/18*

DRAWING NO.

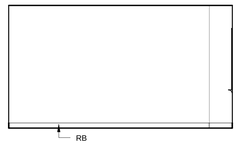
A602



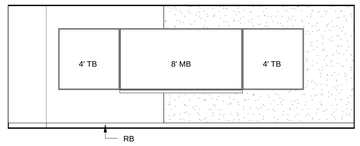
1 | 02 - Floor Plan - BLDG B - IMC Conf. Room
A807 | SCALE: 1/4" = 1'-0"



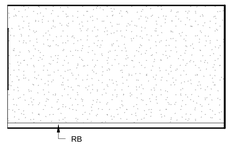
2 | CONF. RM EAST ELEVATION
A807 | SCALE: 1/4" = 1'-0"



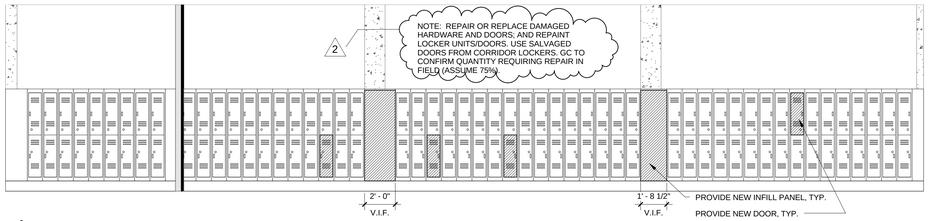
3 | CONF. RM SOUTH ELEVATION
A807 | SCALE: 1/4" = 1'-0"



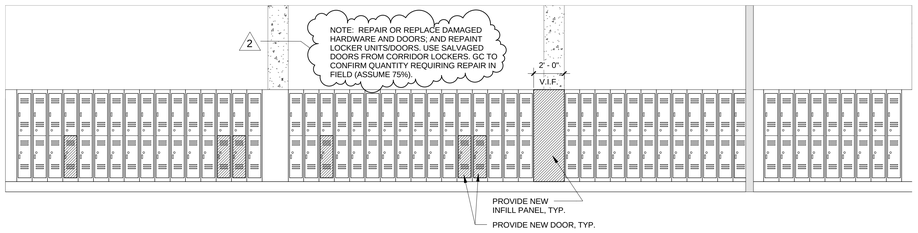
4 | CONF. RM WEST ELEVATION
A807 | SCALE: 1/4" = 1'-0"



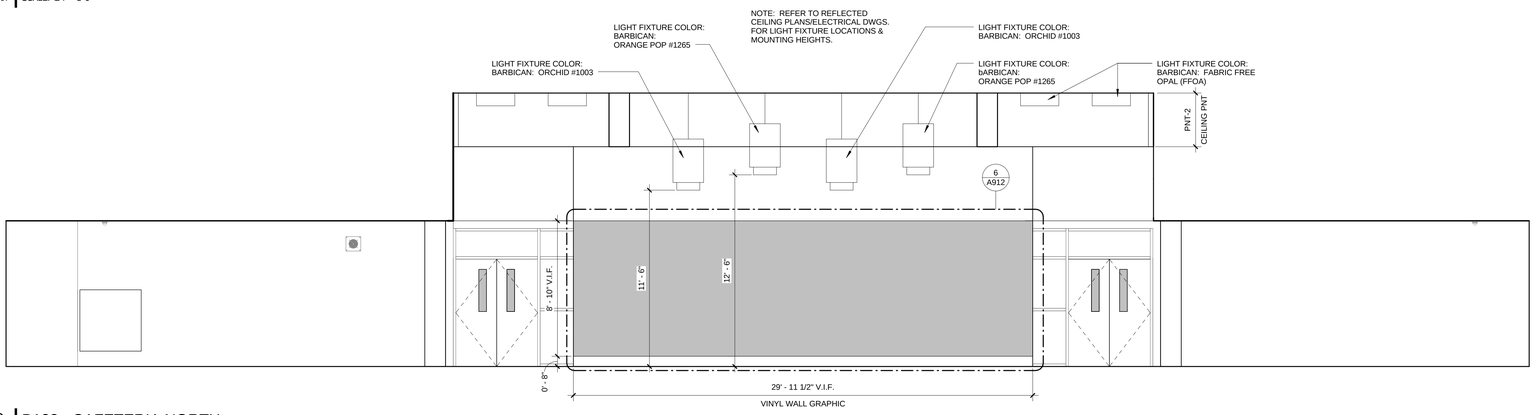
5 | CONF. RM NORTH ELEVATION
A807 | SCALE: 1/4" = 1'-0"



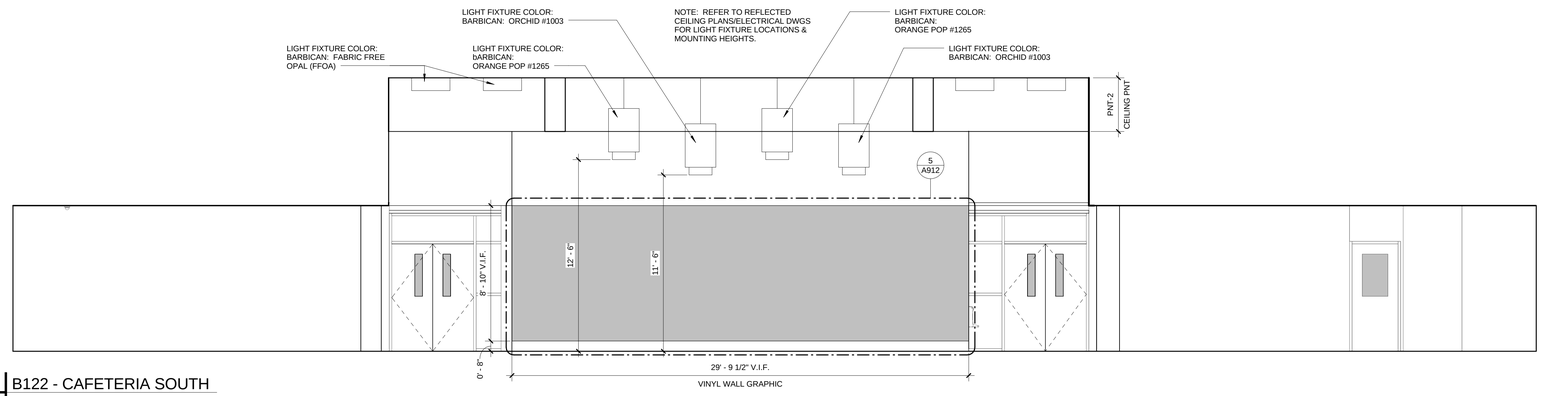
6 | 01 - LOCKER ROOM A108 - WEST
A807 | SCALE: 1/4" = 1'-0"



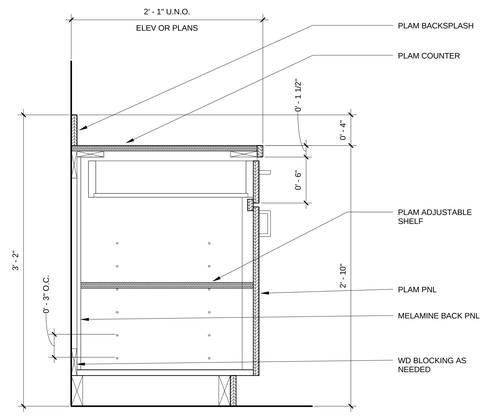
7 | 01 - LOCKER ROOM A152 - EAST
A807 | SCALE: 1/4" = 1'-0"



8 | B122 - CAFETERIA NORTH
A807 | SCALE: 1/4" = 1'-0"



9 | B122 - CAFETERIA SOUTH
A807 | SCALE: 1/4" = 1'-0"



10 | CASEWORK DETAIL - BASE CABINETS
A807 | SCALE: 1 1/2" = 1'-0"

True

Project

GENERAL NOTES

1.) DO NOT PAINT OVER EXISTING GLAZED BLOCK BASE.

2.) REMOVE ALL PAINT ON EXISTING GLAZED BLOCK BASE.

3.) REFER TO ROOM FINISH SCHEDULE FOR TYPICAL WALL PAINT.

4.) PAINT STRIPES IN CORRIDORS ARE TO BE CONTINUOUS

5.) PAINT ALL EXPOSED WALL SURFACES THROUGHOUT CORRIDORS, TYP.

6.) PAINT EXISTING HOLLOW METAL FRAMES.

7.) REFER TO SIGNAGE PACKAGE FOR ALL VINYL WALL GRAPHICS & SIGNAGE.

8.) GC TO PROVIDE REPAIRS FOR 40 PERCENT OF LOCKERS ON THE SECOND FLOOR. UTILIZE SALVAGED COMPONENTS FROM THIRD FLOOR LOCKERS BEFORE PURCHASING NEW.

ACCENT WALL PAINT EXTENTS LEGEND

- PNT-4 (ORANGE)
- PNT-5 (YELLOW)
- PNT-6 (GREEN)
- PNT-7 (TEAL)
- PNT-8 (BLUE)
- PNT-9 (PURPLE)
- PNT-10 (HOT PINK)
- PNT-11 (RED)
- WALL PAINT (REFER TO ROOM FINISH SCHEDULE)
- VINYL WALL GRAPHIC

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SEAL:

NAME (LICENSED PROFESSIONAL) | DATE
STATE AND LICENSE NO: | XX/XX/20XX

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Attn: Bryan Jones

BID DOCUMENTS
FEBRUARY 16, 2018

Revision Schedule

NO.	DESCRIPTION	DATE
2	Addendum #2	03/22/2018

SCHOOL & LOCATION

Motivation High School

5900 Baltimore Avenue, Philadelphia
PA 19143

PROJECT TITLE

Renovations to Motivation High School

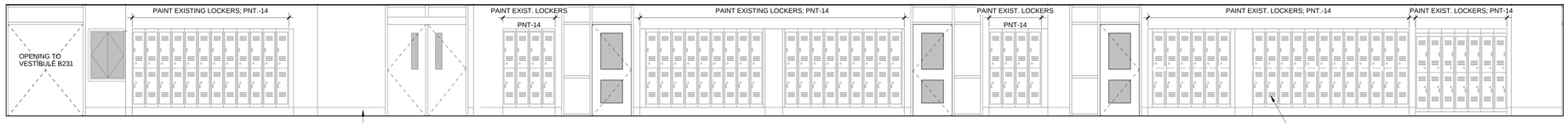
DRAWING TITLE

FIRST FLOOR - CONFERENCE, CORRIDOR, & CAFETERIA ENLARGED PLANS AND ELEVATIONS

LOCATION NO.	FILE NO.
DRAWN BY *Author*	CHECKED BY *Checker*

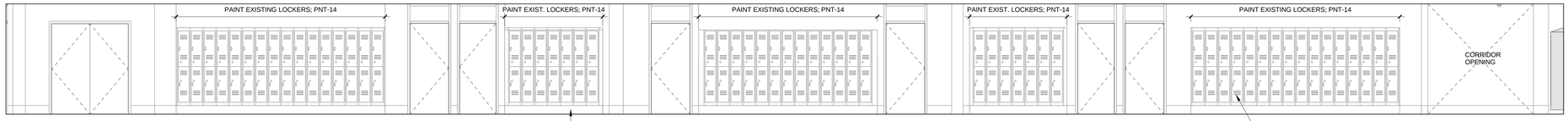
B-014 C **OF** *2017/18*
B-017 C **OF** *2017/18*
B-015 C **OF** *2017/18*
B-016 C **OF** *2017/18*

DRAWING NO.
A807



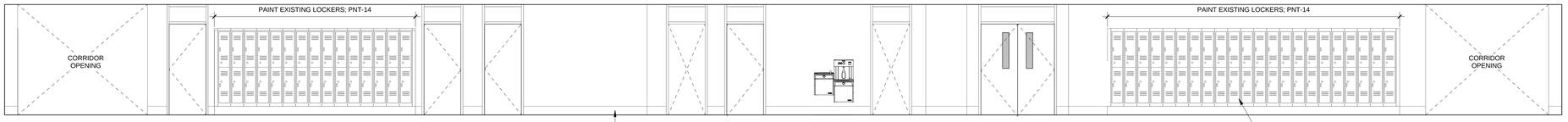
1 B225 - EAST CORRIDOR - A

A811 SCALE: 1/4" = 1'-0"



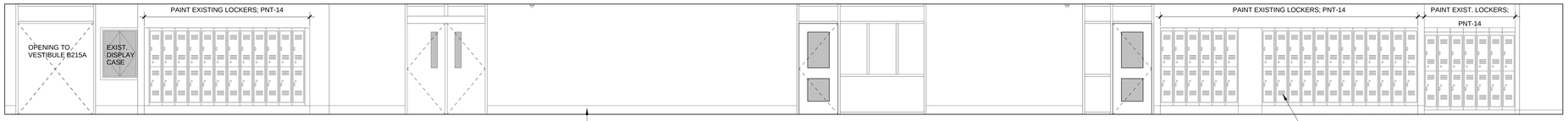
2 B225 - EAST CORRIDOR - B

A811 SCALE: 1/4" = 1'-0"



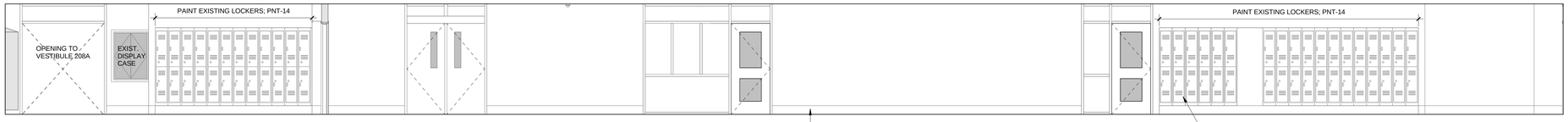
3 B225 - NORTH CORRIDOR - A

A811 SCALE: 1/4" = 1'-0"



4 B225 - NORTH CORRIDOR - B

A811 SCALE: 1/4" = 1'-0"

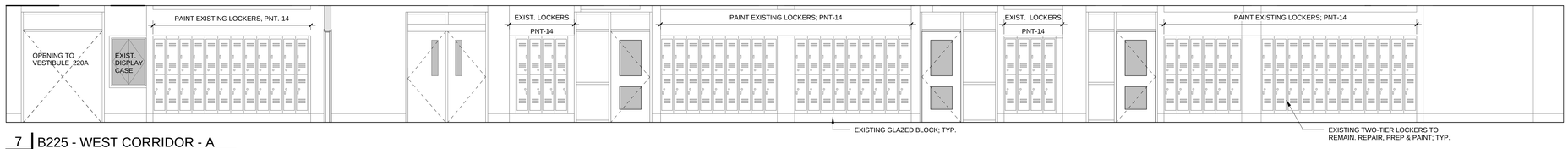


5 B225 - SOUTH CORRIDOR - A

A811 SCALE: 1/4" = 1'-0"

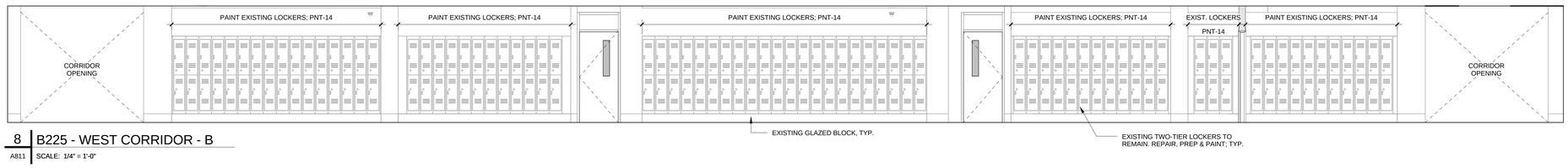
6 B225 - SOUTH CORRIDOR - B

A811 SCALE: 1/4" = 1'-0"



7 B225 - WEST CORRIDOR - A

A811 SCALE: 1/4" = 1'-0"



8 B225 - WEST CORRIDOR - B

A811 SCALE: 1/4" = 1'-0"

GENERAL NOTES

1.) DO NOT PAINT OVER EXISTING GLAZED BLOCK BASE.

2.) REMOVE ALL PAINT ON EXISTING GLAZED BLOCK BASE.

3.) REFER TO ROOM FINISH SCHEDULE FOR TYPICAL WALL PAINT.

4.) PAINT STRIPES IN CORRIDORS ARE TO BE CONTINUOUS

5.) PAINT ALL EXPOSED WALL SURFACES THROUGHOUT CORRIDORS, TYP.

6.) PAINT EXISTING HOLLOW METAL FRAMES.

7.) REFER TO SIGNAGE PACKAGE FOR ALL VINYL WALL GRAPHICS & SIGNAGE.

2

8.) GC TO PROVIDE REPAIRS FOR 40 PERCENT OF LOCKERS ON THE SECOND FLOOR. UTILIZE SALVAGED COMPONENTS FROM THIRD FLOOR LOCKERS BEFORE PURCHASING NEW.

ACCENT WALL PAINT EXTENTS LEGEND

- PNT-4 (ORANGE)
- PNT-5 (YELLOW)
- PNT-6 (GREEN)
- PNT-7 (TEAL)
- PNT-8 (BLUE)
- PNT-9 (PURPLE)
- PNT-10 (HOT PINK)
- PNT-11 (RED)
- WALL PAINT (REFER TO ROOM FINISH SCHEDULE)
- VINYL WALL GRAPHIC

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BID DOCUMENTS
FEBRUARY 16, 2018

Revision Schedule

NO.	DESCRIPTION	DATE
2	Addendum #2	03/22/2018

SCHOOL & LOCATION

Motivation High School

5900 Baltimore Avenue, Philadelphia PA 19143

PROJECT TITLE

Renovations to Motivation High School

DRAWING TITLE

SECOND FLOOR CORRIDOR ELEVATIONS

LOCATION NO.	FILE NO.
DRAWN BY *Author*	CHECKED BY *Checker*

B-014 C **OF** *2017/18*
B-017 C **OF** *2017/18*
B-015 C **OF** *2017/18*
B-016 C **OF** *2017/18*

DRAWING NO.

A811

ROOM FINISH SCHEDULE

ROOM #	NAME	FLOOR FINISH	BASE TYPE	WALL FINISH		CEILING FINISH		CASEWORK FINISH		COMMENTS
				WALLS	ACCENT	MATERIAL	FINISH	COUNTERTOP	CABINET	
A100	HEADSTART CLASSROOM	ETR	-	PNT-1	-	ETR	PNT-2	-	-	
A101	HEADSTART CLASSROOM	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	
A102	MECH ROOM	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	
A103	MECH ROOM	ETR	ETR	PNT-1	-	ETR	PNT-2			
A104	STORAGE	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	
A105	BOYS TOILET	CT-1	CT-4	PNT-1	-	ACT-1	-	-	-	TP-1
A106	GIRLS TOILET	CT-1	CT-4	PNT-1	-	ACT-1	-	-	-	TP-1
A107	GYMNASIUM	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	VINYL FLOOR GRAPHIC; FOLDING PARTITION
A108	LOCKER ROOM	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	REPAIR & REPAINT EXIST. LOCKERS
A108A	MECH. & STORAGE	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	
A108B	VISITORS LOCKERS	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	REPAIR & REPAINT EXIST. LOCKERS
A108C	TOILET	CT-1	CT-4	PNT-1	-	ETR	PNT-2	-	-	TP-1
A108D	SHOWER ROOM	ETR/CT-2	ETR/CT-3	PNT-1	-	ETR	PNT-2	-	-	
A108E	TOWEL ROOM	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	
A108F	SHOWERS	ETR	ETR	ETR/PNT-1	-	ETR	PNT-2	-	-	
A108G	SHOWERS	ETR	ETR	ETR/PNT-1	-	ETR	PNT-2	-	-	
A109	LOCKER ROOM	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	REPAIR & REPAINT EXIST. LOCKERS
A109	DRYING AREA	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	
A109A	MECH. & STORAGE	ETR	ETR	PNT-1	-	ETR	PNT-2	ETR	ETR	
A109B	VISITORS LOCKERS	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	REPAIR & REPAINT EXIST. LOCKERS
A109C	TOILET	CT-1	CT-4	PNT-1	-	ETR	PNT-2	-	-	TP-1
A109D	SHOWERS	ETR CT/CT-2	ETR/CT-3	PNT-1	-	ETR	PNT-2	-	-	
A109E	TOWEL ROOM	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	
A110	HEAD START KITCHEN	ETR	ETR	PNT-1	-	ACT-1	-	-	-	PROVIDE WATER RESISTANT AND WASHABLE CEILING TILES
A110A	VESTIBULE	ETR	ETR	PNT-1	-	ACT-1	-	-	-	
A110B	LOCKERS	ETR	ETR	PNT-1	-	ACT-1	-	-	-	
A110C	TOILET	ETR	ETR	PNT-1	-	ACT-1	-	-	-	
A111	OFFICE	ETR	ETR	PNT-1	-	ACT-1	-	-	-	
A111A	LOCKER RM	ETR	ETR	PNT-1	-	ACT-1	-	-	-	
A111B	TOILET	ETR	ETR	PNT-1	-	ACT-1	-	-	-	
A111C	VESTIBULE	ETR	ETR	PNT-1	-	ACT-1	-	-	-	
A112	GYM STORAGE	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	
A113	GYM STORAGE	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	
A114	CORRECTIVE GYM	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	
A114A	STORAGE	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	
A115	OUTDOOR STORAGE	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	
A116	VESTIBULE	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	
A116	VESTIBULE	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	NOT IN SCOPE
A117	PASSAGE	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	
A117	DRYING	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A117A	MECH.	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A117A	MECH.	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A118	VESTIBULE	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	
A118	DRESSING	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A119	PASSAGE	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	
A119	DRESSING	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A120	PASSAGE	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	
A120	TOILET	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A121	PASSAGE	ETR	ETR	PNT-1	-	ACT-1	-			
A122	PASSAGE	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	
A122	TOWEL ROOM	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A123	SHOWERS	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A123	CORRIDOR	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	NEW LOCKERS
A124	POOL STORAGE	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A124	CORRIDOR	ETR	ETR	PNT-1	-	ETR	PNT-2	-	-	VINYL WALL GRAPHICS
A125	PASSAGE	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A125	CORRIDOR	ETR	ETR	PNT-1	-	ACT-1	-			
A126	CORRIRIDOR	ETR	ETR	PNT-1	-	ETR	PNT-2	ETR	ETR	
A126	TOILET	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A127	LOCKER ROOM	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A128	OFFICE	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A129	NATATORIUM	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A131	MECHANICAL ROOM	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A132	TOWEL ROOM	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A133	JAN.	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A134	TOILET	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A135	DRESSING	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A136	DRESSING	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A137	DRYING	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A138	SHOWERS	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A140	TOILET	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A141	LOCKER ROOM	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A142	OFFICE	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE
A170	JAN. CLOS.	ETR	ETR	ETR	-	ETR	-	-	-	NOT IN SCOPE

FINISH SPECIFICATIONS

ACOUSTICAL CEILING PANEL (ACP):

ACT-1 MFR: ARMSTRONG
STYLE: ULTIMA
NUMBER: 1913
COLOR: WHITE
SIZE: 24" x 48" x 3/4"; 15/16" SQUARE LAY-IN
SUSPENSION SYSTEM FINISH: BLIZZARD WHITE

ACT-2 MFR: KINETICS NOISE CONTROL
STYLE: OVATION REFLECTOR/DIFFUSER PANELS
COLOR: WILSONART 7909-60 FUSION MAPLE
SIZE: 4' x 10' MAX PANEL SIZE
(AUDITORIUM)

ACT-3 MFR: ARMSTRONG
STYLE: CLEAN ROOM VL UNPERFORATED 15/16" GRID
NUMBER: 870
COLOR: WHITE
SIZE: 24" x 48" x 5/8"
(KITCHEN/PREP AREAS)

CERAMIC TILE (CT)

CT-1 (TOILET ROOM FLOOR TILE)
MFR: DALTILE
STYLE: KEYSTONES MOSAIC TILE
COLOR: D023 GALAXY
SIZE: 2" X 2" X 1/4"
EPOXY GROUT COLOR: MAPEI 19 PEARL GRAY
MORTAR BED THICKNESS: THINSET

CT-2 (GYM SHOWER FLOOR TILE - PATCH)
MFR: DALTILE
STYLE: KEYSTONES MOSAIC TILE
COLOR: D182 SUEDE GRAY
SIZE: 2 " X 2"
EPOXY GROUT COLOR: MAPEI 19 PEARL GRAY

CT-3 (GYM SHOWER WALL BASE)
MFR: DALTILE
STYLE: SEMI GLOSS AND MATTE
COLOR: 0182
SIZE: COVE BASE 6" X 6"
EPOXY GROUT COLOR: MAPEI 19 PEARL GRAY

CT-4 (TOILET ROOM BASE)
MFR: DALTILE
STYLE: KEYSTONES MOSAIC TILE
COLOR: D023 GALAXY
SIZE: 6" BUILT-UP COVE BASE
EPOXY GROUT COLOR: MAPEI 19 PEARL GRAY

LOCKER COLOR (LC)

LC-1 MFR: PENCO PRODUCTS
COLOR: 028 GRAY

FINISH SPECIFICATIONS

PAINT (PNT)

PNT-1 (TYPICAL WALL PAINT)
MFR: SHERWIN-WILLIAMS
COLOR: SW 7657 TINSMITH

PNT-2 (TYPICAL CEILING)
MFR: SHERWIN-WILLIAMS
COLOR: SW 7757 HIGH REFLECTIVE WHITE

PNT-3 (HOLLOW METAL TRIM)
MFR: SHERWIN-WILLIAMS
COLOR: SW 7068 GRIZZLE GRAY

PNT-4 (ORANGE ACCENT)
MFR: SHERWIN-WILLIAMS
COLOR: SW6886 INVIGORATE
TO MATCH PANTONE COLOR: PQ-ORANGE021C

PNT-5 (YELLOW ACCENT)
MFR: SHERWIN-WILLIAMS
COLOR: SW 6904 GUSTO GOLD
TO MATCH PANTONE COLOR: PQ-130C

PNT-6 (GREEN ACCENT)
MFR: SHERWIN-WILLIAMS
COLOR: SW 6748 GREENS
TO MATCH PANTONE COLOR: PQ-3415C

PNT-7 (TEAL ACCENT)
MFR: SHERWIN-WILLIAMS
COLOR: SW 6941 NIFTY TURQUOISE
TO MATCH PANTONE COLOR: PQ-326C

PNT-8 (LIGHT BLUE ACCENT)
MFR: SHERWIN-WILLIAMS
COLOR:
TO MATCH PANTONE COLOR: PQ-306C

PNT-9 (DARK BLUE ACCENT)
MFR: SHERWIN-WILLIAMS
COLOR: SW 6966 BLUEBLOOD
TO MATCH PANTONE COLOR: PQ-286C

PNT-10 (HOT PINK ACCENT)
MFR: SHERWIN-WILLIAMS
COLOR: SW 6840 EXUBERANT PINK
TO MATCH PANTONE COLOR: PQ-RHODAMINERDC

PNT-11 (RED ACCENT)
MFR: SHERWIN-WILLIAMS
COLOR: SW 6868 REAL RED
TO MATCH PANTONE COLOR: PQ-199C

PNT-12 (AUDITORIUM CEILING)
MFR: SHERWIN-WILLIAMS
COLOR: SW 6989 DOMINO

PNT-13 (PURPLE ACCENT - MUSIC DEPT)
MFR: SHERWIN-WILLIAMS
COLOR: SW 6982 AFRICAN VIOLET
TO MATCH PANTONE COLOR: PQ-2617C

PNT-14 (EXISTING LOCKERS - ELECTROSTATIC PAINT)
COLOR: TO MATCH NEW LOCKER PAINT COLOR
SEE LC-1

PNT-15 (TYPICAL CLASSROOM ACCENT WALL PAINT & AUDITORIUM)
MFR: SHERWIN-WILLIAMS
COLOR: SW 9163 TIN LIZZIE

PNT-16 (NAVY ACCENT PAINT)
MFR: SHERWIN-WILLIAMS
COLOR: SW 9178 IN THE NAVY

FINISH SPECIFICATIONS

PLASTIC LAMINATE (PLAM)

PLAM-1 (COUNTER TOPS)
MFR: WILSONART
COLOR: 4879-38 STEEL MESH

PLAM-2 (VERTICAL SURFACES)
MFR: WILSONART
COLOR: 7909-60 FUSION MAPLE

RUBBER BASE (RB)

RB-1 MFR: JOHNSONITE
COLOR: TO MATCH EXISTING SGFT BASE
HEIGHT: 4"

RB-2 MFR: JOHNSONITE
COLOR: BLAK
HEIGHT: 4"

RUBBER FLOORING (RUB)

RUB-1 MFR: MONDO INDOOR SPORT
STYLE: SPORT IMPACT
COLOR: 008 BLACK
SIZE: 10MM 3' x 3' TILE

SEALED CONCRETE (SC)

S.CONC-1 SEALED CONCRETE

EPOXY RESIN

EPOXY-1 SCIENCE CLASSROOM COUNTERTOPS
MFR: ICI CAMPBELLRHEA
STYLE: RHEARESIN (EPOXY RESIN)
COLOR: BLACK ONYX

WOOD CASEWORK

WD-1 SCIENCE CLASSROOM CABINETS
MFR: CAMPBELL RHEA
WOOD SPECIES: MAPLE
COLOR: 2000 MAPLE HONEY

LABORATORY FUME HOOD

MFR: LABSHIELD
COLOR: 1567800 BATTLESHIP GRAY

FINISH SPECIFICATIONS

TOILET PARTITIONS (TP)

TP-1 MFR: SCRANTON PRODUCTS
STYLE: HINY HIDERS
COLOR: ONYX
FINISH: ORANGE PEEL

VINYL COMPOSTITION TILE (VCT)

VCT-1 (AUDITORIUM & UNIT VENTILATOR - FLOOR PATCH)
MFR: AZROCK VCT
COLOR: V-232 ASPHALT
SIZE: 12" x 12"

VCT-2 (CONFERENCE ROOMS)
MFR: AZROCK VCT
COLOR: V-207 SILVER MIST
SIZE: 12" x 12"

ROLLER SHADES

WT-1 MFR: MECHOSHADES
STYLE: MANUAL ROLLER SHADES
COLOR: QUICKSHIP PROGRAM 5312 CHARCOAL
OPENNESS: 5%

TACKBOARDS

MFR: CLARIDGE
STYLE: FABRICORK
COLOR: KL498 WINTHROPE

GYM FOLDING PARTITION

MFR: HUFCOR
STYLE: CAIRN PATTERN
COLOR: 44-306 GREY FLANNEL
TRIM COLOR: GRAY

WOOD DOORS

MFR: MASONITE ARCHITECTURAL
DOOR SPECIES: WHITE BIRCH
STAIN COLOR: HONEY

2

GENERAL NOTES:

1. PAINT ALL FIN TUBE RADIATOR COVERS TO MATCH UNIT VENTILATOR COLOR.
2. SECURE ALL LOOSE FIN TUBE COVERS. PROVIDE NEW COVERS WHERE MISSING/DAMAGED BEYOND REPAIR FIRST USING COMPONENTS SALVAGED FROM OTHER LOCATIONS, THEN NEW. PROVIDE NEW AT TEN LOCATIONS TO BE VERIFIED IN FIELD WITH SDP.

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FEBRUARY 16, 2018

Revision Schedule

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2	Addendum #2	03/22/2018

SCHOOL & LOCATION

Motivation High School

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PA 19143

PROJECT TITLE

Renovations to Motivation High School

DRAWING TITLE

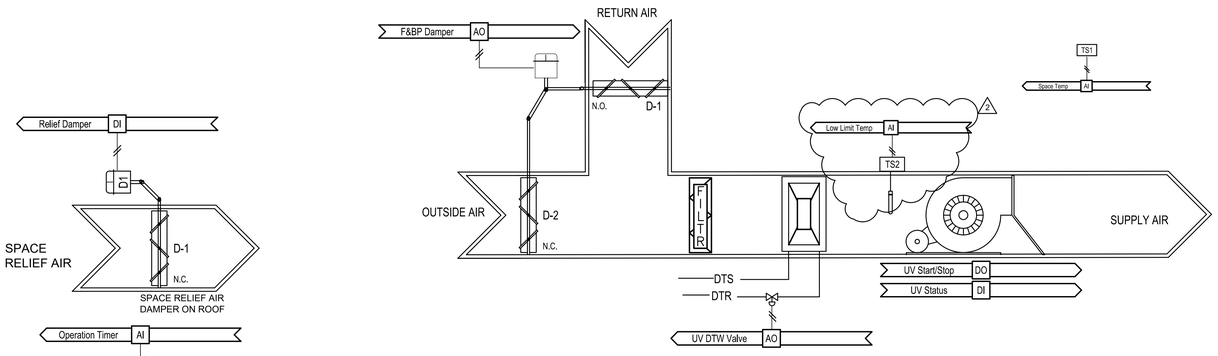
FINISH SCHEDULE

LOCATION NO.	FILE NO.
DRAWN BY *Author*	CHECKED BY *Checker*

B-014 C **OF** *2017/18*
B-017 C **OF** *2017/18*
B-015 C **OF** *2017/18*
B-016 C **OF** *2017/18*

DRAWING NO.
A901

True Project



TYPICAL UNIT VENTILATOR CONTROL DIAGRAM

POINTS LIST

POINT DESCRIPTOR	POINT TYPE DI	AI	DO	AO	REMARKS
UV START/STOP			1		
UV STATUS	1				
SPACE TEMP.		1			
FACE & BY-PASS DAMPER				1	
SPACE TEMP.		1			
CONTROL VALVE				1	
OPERATION TIMER	1				
RELEIE AIR DAMPER	1				
LOW LIMIT TEMP.		1			2
TOTALS	3	2	1	2	

TYPICAL UNIT VENTILATOR SEQUENCE OF OPERATION

SYSTEM DESCRIPTION:

1. SYSTEM IS CONSTANT VOLUME, VARIABLE TEMPERATURE
2. SYSTEM OPERATES 12-HOURS A DAY

SPACE TEMPERATURE CONTROL:

OCCUPIED MODE:

WHEN OCCUPIED, UV UNIT SHALL BE ENABLED AND FAN SHALL RUN CONTINUOUSLY.

DURING OCCUPIED MODE, OUTSIDE AIR DAMPER SHALL OPEN TO MINIMUM POSITION. FACE AND BY-PASS DAMPER SHALL MAINTAIN OUTDOOR AIR DAMPER POSITION TO MINIMUM SET POINT DURING OCCUPIED MODE.

HEATING AND COOLING:

SPACE AIR TEMPERATURE SENSOR MAINTAINS ROOM TEMPERATURE SETPOINT BY MODULATING DUAL TEMPERATURE CONTROL VALVE (HEATING OR COOLING).

UNOCCUPIED MODE:

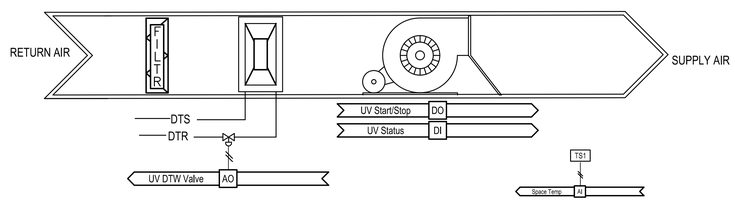
DURING UNOCCUPIED MODE (SET BY TIMER), OUTSIDE AIR DAMPER SHALL CLOSE AND RA DAMPER SHALL BE FULLY OPEN.
SPACE TEMPERATURE SHALL MODULATE CONTROL VALVE TO MAINTAIN ROOM TEMPERATURE SET POINT - 85F (Adj.) SUMMER AND 60F (Adj.) WINTER

SPACE PRESSURE CONTROL:

SPACE RELIEF AIR DAMPER SHALL BE FULLY WHEN BUILDING IS IN OCCUPIED MODE. DAMPER SHALL CLOSE IN UNOCCUPIED MODE.

SAFETY CIRCUITS:

2 LOW LIMIT STAT TS2 SHALL DISABLE UNIT FAN AND CLOSE OA DAMPER UPON SENSING TEMPERATURE BELOW 38F (ADJ)



TYPICAL UNIT VENTILATOR WITHOUT FRESH AIR INTAKE CONTROL DIAGRAM

TYPICAL FAN COIL UNIT SEQUENCE OF OPERATION

SYSTEM DESCRIPTION:

1. SYSTEM IS CONSTANT VOLUME, VARIABLE TEMPERATURE
2. SYSTEM OPERATES 12-HOURS A DAY

SPACE TEMPERATURE CONTROL:

OCCUPIED MODE:

WHEN OCCUPIED, FAN COIL UNIT SHALL BE ENABLED AND FAN SHALL RUN CONTINUOUSLY.
NEW EXHAUST FANS ASSOCIATED WITH CLASSROOM VENTILATION SHALL ENABLED DURING OCCUPIED MODE.

HEATING AND COOLING:

SPACE AIR TEMPERATURE SENSOR MAINTAINS ROOM TEMPERATURE SETPOINT BY MODULATING DUAL TEMPERATURE CONTROL VALVE (HEATING OR COOLING).

UNOCCUPIED MODE:

SPACE TEMPERATURE SHALL MODULATE CONTROL VALVE TO MAINTAIN ROOM TEMPERATURE SET POINT - 85F (Adj.) SUMMER AND 60F (Adj.) WINTER

POINTS LIST

POINT DESCRIPTOR	POINT TYPE DI	AI	DO	AO	REMARKS
FCU START/STOP			1		
FCU STATUS	1				
SPACE TEMP.		1			
CONTROL VALVE				1	
TOTALS	1	1	1	1	

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PE061365

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BID DOCUMENTS
FEBRUARY 16, 2018

Revision Schedule

NO.	DESCRIPTION	DATE
2	Addendum # 2	03/22/2018

SCHOOL & LOCATION

Motivation High School
5900 Baltimore Avenue, Philadelphia PA 19143

PROJECT TITLE

Renovations to Motivation High School

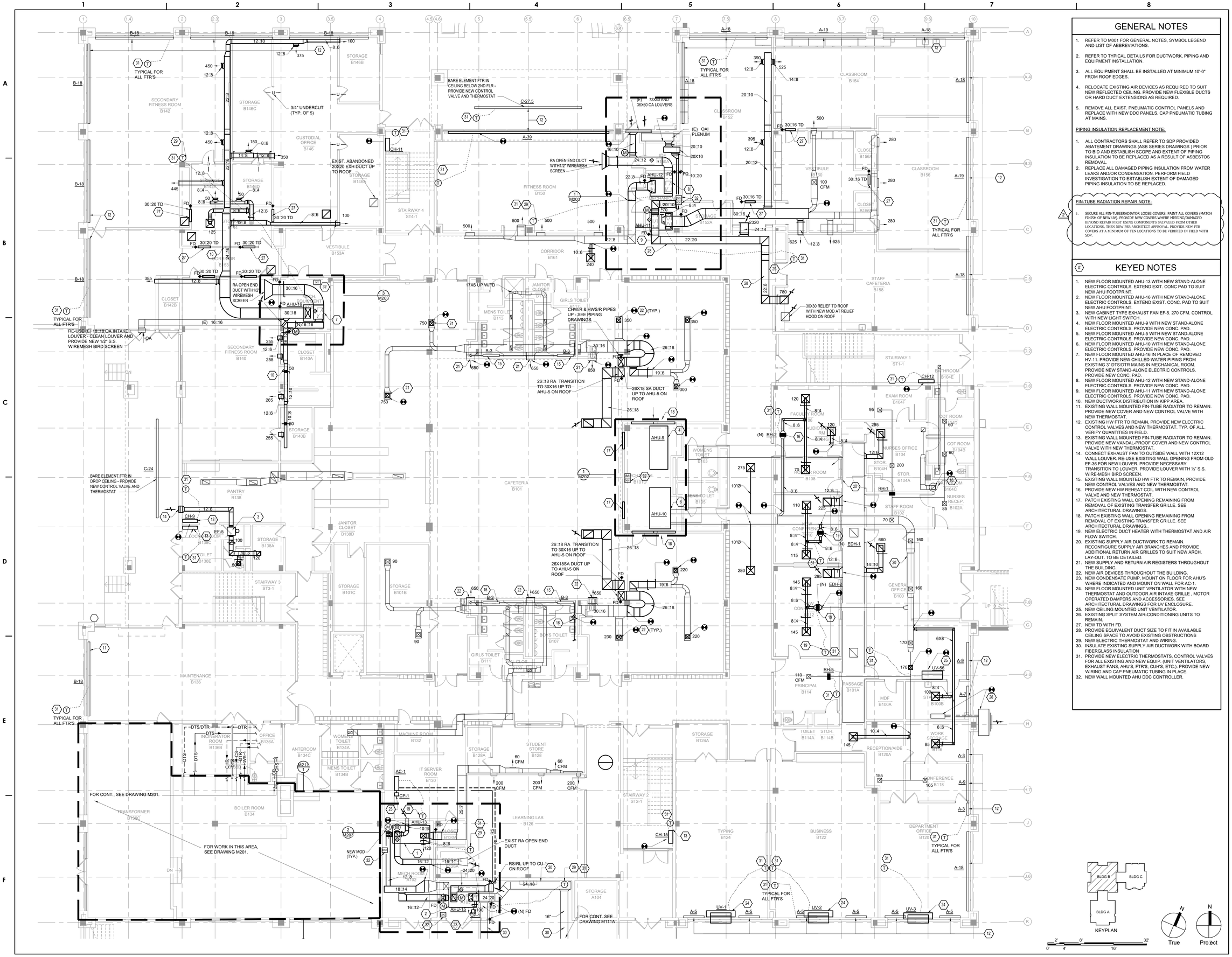
DRAWING TITLE

MECHANICAL CONTROLS

LOCATION NO.	FILE NO.
17-015	
DRAWN BY	CHECKED BY

B-014 C OF *2017/18*
B-017 C OF *2017/18*
B-015 C OF *2017/18*
B-016 C OF *2017/18*

DRAWING NO. M606



GENERAL NOTES

1. REFER TO M001 FOR GENERAL NOTES, SYMBOL LEGEND AND LIST OF ABBREVIATIONS.
2. REFER TO TYPICAL DETAILS FOR DUCTWORK, PIPING AND EQUIPMENT INSTALLATION.
3. ALL EQUIPMENT SHALL BE INSTALLED AT MINIMUM 10'-0" FROM ROOF EDGES.
4. RELOCATE EXISTING AIR DEVICES AS REQUIRED TO SUIT NEW REFLECTED CEILING. PROVIDE NEW FLEXIBLE DUCTS OR HARD DUCT EXTENSIONS AS REQUIRED.
5. REMOVE ALL EXIST. PNEUMATIC CONTROL PANELS AND REPLACE WITH NEW DDC PANELS. CAP PNEUMATIC TUBING AT MAINS.

PIPING INSULATION REPLACEMENT NOTE:

1. ALL CONTRACTORS SHALL REFER TO SDP PROVIDED ABATEMENT DRAWINGS (ASB SERIES DRAWINGS) PRIOR TO BID AND ESTABLISH SCOPE AND EXTENT OF PIPING INSULATION TO BE REPLACED AS A RESULT OF ASBESTOS REMOVAL.
2. REPLACE ALL DAMAGED PIPING INSULATION FROM WATER LEAKS AND/OR CONDENSATION. PERFORM FIELD INVESTIGATION TO ESTABLISH EXTENT OF DAMAGED PIPING INSULATION TO BE REPLACED.

FIN-TUBE RADIATION REPAIR NOTE:

2 1. SECURE ALL FIN-TUBEERADIATOR LOOSE COVERS. PAINT ALL COVERS (MATCH FINISH OF NEW UV). PROVIDE NEW COVERS WHERE MISSING/DAMAGED BEYOND REPAIR FIRST USING COMPONENTS SALVAGED FROM OTHER LOCATIONS, THEN NEW PER ARCHITECT APPROVAL. PROVIDE NEW FTR COVERS AT A MINIMUM OF TEN LOCATIONS TO BE VERIFIED IN FIELD WITH SDP.

KEYED NOTES

1. NEW FLOOR MOUNTED AHU-13 WITH NEW STAND-ALONE ELECTRIC CONTROLS. EXTEND EXIT. CONC PAD TO SUIT NEW AHU FOOTPRINT.
2. NEW FLOOR MOUNTED AHU-16 WITH NEW STAND-ALONE ELECTRIC CONTROLS. EXTEND EXIST. CONC. PAD TO SUIT NEW AHU FOOTPRINT.
3. NEW CABINET TYPE EXHAUST FAN EF-5. 270 CFM. CONTROL WITH NEW LIGHT SWITCH.
4. NEW FLOOR MOUNTED AHU-9 WITH NEW STAND-ALONE ELECTRIC CONTROLS. PROVIDE NEW CONC. PAD.
5. NEW FLOOR MOUNTED AHU-5 WITH NEW STAND-ALONE ELECTRIC CONTROLS. PROVIDE NEW CONC. PAD.
6. NEW FLOOR MOUNTED AHU-10 WITH NEW STAND-ALONE ELECTRIC CONTROLS. PROVIDE NEW CONC. PAD.
7. NEW FLOOR MOUNTED AHU-16 IN PLACE OF REMOVED HV-11. PROVIDE NEW CHILLED WATER PIPING FROM EXISTING 3" DTS/DTR MAINS IN MECHANICAL ROOM. PROVIDE NEW STAND-ALONE ELECTRIC CONTROLS. PROVIDE NEW CONC. PAD.
8. NEW FLOOR MOUNTED AHU-12 WITH NEW STAND-ALONE ELECTRIC CONTROLS. PROVIDE NEW CONC. PAD.
9. NEW FLOOR MOUNTED AHU-11 WITH NEW STAND-ALONE ELECTRIC CONTROLS. PROVIDE NEW CONC. PAD.
10. NEW DUCTWORK DISTRIBUTION IN KIPP AREA.
11. EXISTING WALL MOUNTED FIN-TUBE RADIATOR TO REMAIN. PROVIDE NEW COVER AND NEW CONTROL VALVE WITH NEW THERMOSTAT.
12. EXISTING HW FTR TO REMAIN, PROVIDE NEW ELECTRIC CONTROL VALVES AND NEW THERMOSTAT. TYP. OF ALL. VERIFY QUANTITIES IN FIELD.
13. EXISTING WALL MOUNTED FIN-TUBE RADIATOR TO REMAIN. PROVIDE NEW VANDAL-PROOF COVER AND NEW CONTROL VALVE WITH NEW THERMOSTAT.
14. CONNECT EXHAUST FAN TO OUTSIDE WALL WITH 12X12 WALL LOUVER. RE-USE EXISTING WALL OPENING FROM OLD EF-36 FOR NEW LOUVER. PROVIDE NECESSARY TRANSITION TO LOUVER. PROVIDE LOUVER WITH ½" S.S. WIRE-MESH BIRD SCREEN.
15. EXISTING WALL MOUNTED HW FTR TO REMAIN, PROVIDE NEW CONTROL VALVES AND NEW THERMOSTAT.
16. PROVIDE NEW HW REHEAT COIL WITH NEW CONTROL VALVE AND NEW THERMOSTAT.
17. PATCH EXISTING WALL OPENING REMAINING FROM REMOVAL OF EXISTING TRANSFER GRILLE. SEE ARCHITECTURAL DRAWINGS.
18. PATCH EXISTING WALL OPENING REMAINING FROM REMOVAL OF EXISTING TRANSFER GRILLE. SEE ARCHITECTURAL DRAWINGS.
19. NEW ELECTRIC DUCT HEATER WITH THERMOSTAT AND AIR FLOW SWITCH.
20. EXISTING SUPPLY AIR DUCTWORK TO REMAIN. RECONFIGURE SUPPLY AIR BRANCHES AND PROVIDE ADDITIONAL RETURN AIR GRILLES TO SUIT NEW ARCH. LAY-OUT. TO BE DETAILED.
21. NEW SUPPLY AND RETURN AIR REGISTERS THROUGHOUT THE BUILDING.
22. NEW AIR DEVICES THROUGHOUT THE BUILDING.
23. NEW CONDENSATE PUMP. MOUNT ON FLOOR FOR AHU'S WHERE INDICATED AND MOUNT ON WALL FOR AC-1.
24. NEW FLOOR MOUNTED UNIT VENTILATOR WITH NEW THERMOSTAT AND OUTDOOR AIR INTAKE GRILLE , MOTOR OPERATED DAMPERS AND ACCESSORIES. SEE ARCHITECTURAL DRAWINGS FOR UV ENCLOSURE.
25. NEW CEILING MOUNTED UNIT VENTILATOR.
26. EXISTING SPLIT SYSTEM AIR-CONDITIONING UNITS TO REMAIN.
27. NEW TD WITH FD.
28. PROVIDE EQUIVALENT DUCT SIZE TO FIT IN AVAILABLE CEILING SPACE TO AVOID EXISTING OBSTRUCTIONS
29. NEW ELECTRIC THERMOSTAT AND WIRING.
30. INSULATE EXISTING SUPPLY AIR DUCTWORK WITH BOARD FIBERGLASS INSULATION
31. PROVIDE NEW ELECTRIC THERMOSTATS, CONTROL VALVES FOR ALL EXISTING AND NEW EQUIP. (UNIT VENTILATORS, EXHAUST FANS, AHU'S, FTR'S, CUH'S, ETC.). PROVIDE NEW WIRING AND CAP PNEUMATIC TUBING IN PLACE.
32. NEW WALL MOUNTED AHU DDC CONTROLLER.

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Revision Schedule

NO.	DESCRIPTION	DATE
2	Addendum # 2	03/22/2018

SCHOOL & LOCATION

Motivation High School
5900 Baltimore Avenue, Philadelphia PA 19143

PROJECT TITLE

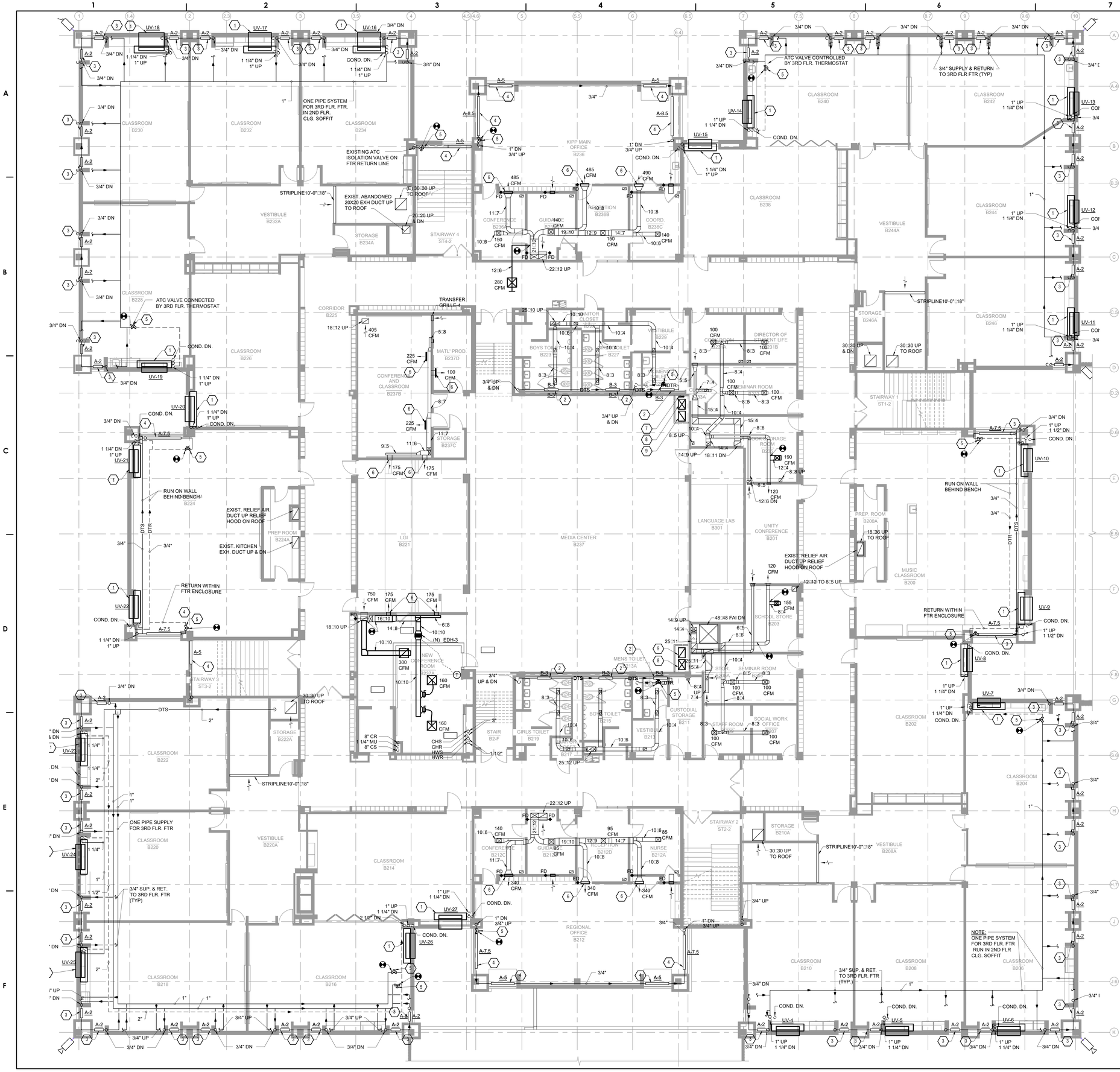
Renovations to Motivation High School

DRAWING TITLE

BUILDING B - LEVEL 1 - HVAC - NEW WORK

LOCATION NO.	FILE NO.
17-015	
DRAWN BY	CHECKED BY
B-014 C OF 2017/18	
B-017 C OF 2017/18	
B-015 C OF 2017/18	
B-016 C OF 2017/18	

DRAWING NO.
M111B



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2. EXISTING WALL MOUNTED HW FTR TO REMAIN.
3. EXISTING HW FTR TO REMAIN. STRAIGHTEN FTR'S FINS AND PROVIDE NEW ELECTRIC CONTROL VALVES AND THERMOSTATS. VERIFY QUANTITIES IN FIELD.
4. EXISTING HW FTR'S IN STAIR TOWER SHALL HAVE NEW ELECTRIC CONTROL VALVES AND THERMOSTATS. VERIFY QUANTITIES IN FIELD.
5. PROVIDE NEW ELECTRIC HW CONTROL VALVE WITH NEW THERMOSTAT. PROVIDE NEW ELECTRIC CONTROLS AND CAP EXISTING PNEUMATIC CONTROL SYSTEM.
6. PROVIDE NEW SIDE WALL SUPPLY AIR REGISTERS AND RETURN AIR GRILLES.
7. NEW 3" CHS/R AND 1-1/2" HWS/R UP AND DN.
8. NEW 26"□18" INSULATED SUPPLY AIR DUCT.
9. NEW 26"□18" INSULATED RETURN AIR DUCT.

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Motivation High School

5900 Baltimore Avenue, Philadelphia PA 19143

PROJECT TITLE

Renovations to Motivation High School

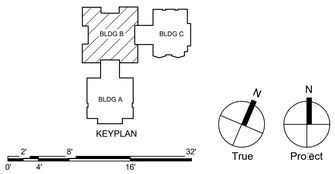
DRAWING TITLE

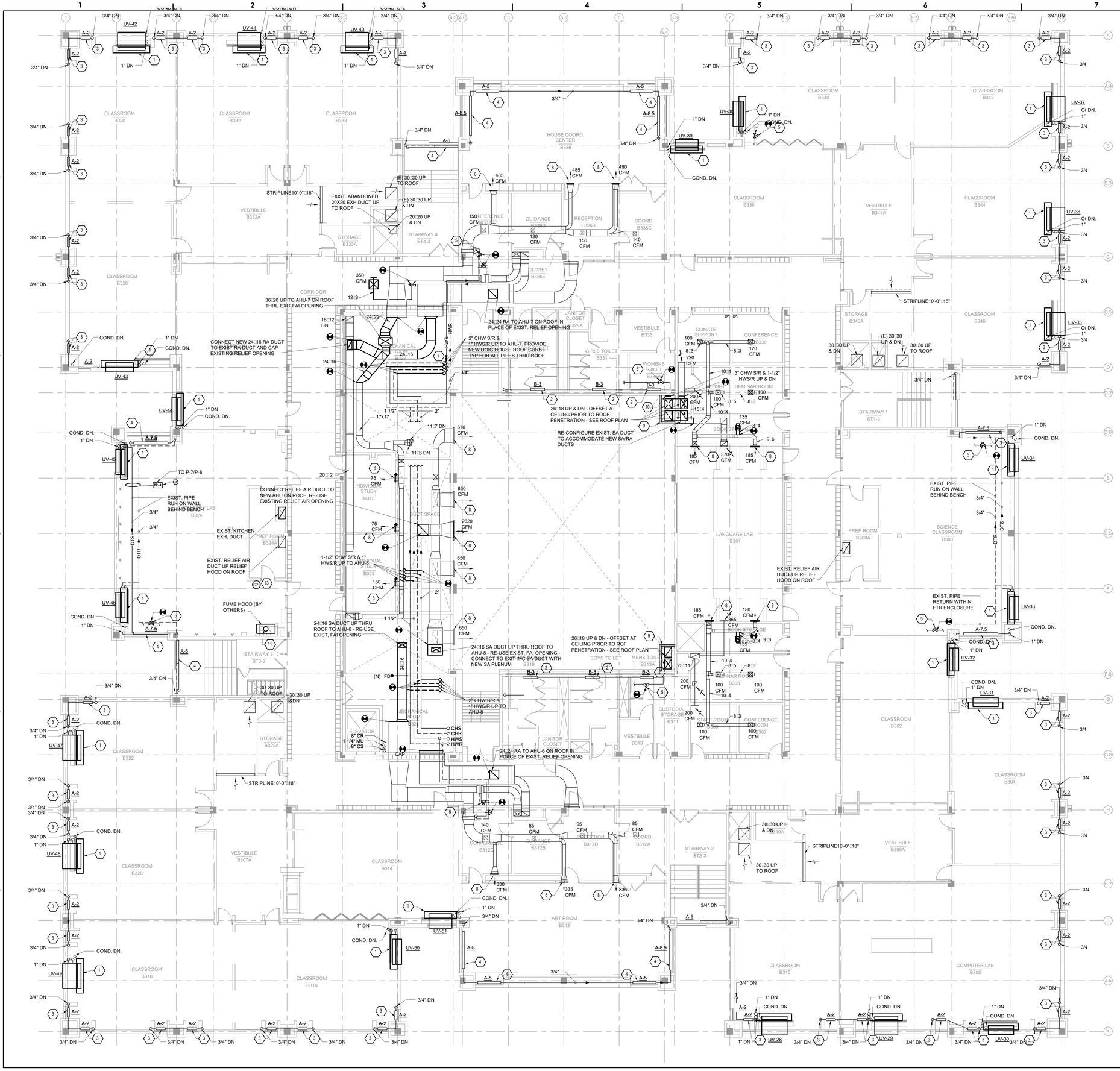
BUILDING B - LEVEL 2 - HVAC - NEW WORK

LOCATION NO.	FILE NO.
17-015	
DRAWN BY	CHECKED BY

B-014 C	OF	2017/18
B-017 C	OF	2017/18
B-015 C	OF	2017/18
B-016 C	OF	2017/18

DRAWING NO.
M112B





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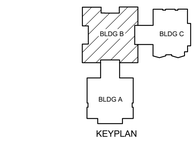
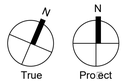
4. EXISTING HW FTR'S IN OFFICE SPACES SHALL NEW ELECTRIC CONTROL VALVES AND THERMOSTATS. VERIFY QUANTITIES IN FIELD.
5. PROVIDE NEW ELECTRIC HW CONTROL VALVE WITH NEW THERMOSTAT. PROVIDE NEW ELECTRIC CONTROLS AND CAP EXISTING PNEUMATIC CONTROL SYSTEM.
6. NEW FLOOR MOUNTED AHU-9 WITH NEW STAND-ALONE ELECTRIC CONTROLS. DISCONNECT PNEUMATIC SYSTEM AND CAP. CONNECT TO EXIST. CONNECT TO EXISTING FRESH AIR INTAKE DUCT. PROVIDE NEW ELECTRIC STAND-ALONE CONTROLS, INCLUDING NEW ELECTRIC CONTROL VALVES AND DAMPERS AND THERMOSTAT.
7. CONNECT NEW SUPPLY AND RETURN AIR DUCT FROM NEW AHU-7 ON ROOF TO EXISTING SUPPLY AND RETURN AIR DUCTS INSIDE MECHANICAL ROOM. PROVIDE NEW ELECTRIC STAND-ALONE CONTROLS, INCLUDING NEW ELECTRIC CONTROL VALVES AND DAMPERS AND THERMOSTAT. RE-USE EXISTING FRESH AIR INTAKE OPENINGS FOR NEW DUCTS THRU ROOF. PROVIDE ALL CONTROL VALVES AND CIRCULATING PUMPS INSIDE MECHANICAL ROOM.
8. PROVIDE ALL NEW SIDEWALL SUPPLY AIR REGISTERS AND RETURN AIR GRILLES IN ENTIRE WING.
9. PROVIDE NEW 26::18 SA & RA DUCT IN A NEW 2-HR FIRE RATED ENCLOSURE. PROVIDE FIRE DAMPER AT FLOOR PENETRATION TO LEVEL BELOW. SEE ARCH. DWGS FOR ENCLOSURE DETAILS.
10. PROVIDE 3" CHS/R AND 1-1/2" HWS/R PIPE IN A FURRED-IN ENCLOSURE.
11. NEW 12"S.S. FUME HOOD EXHAUST EXHAUST DUCT UP TO EF-19 ON ROOF. CONNECT TO FUME HOOD PROVIDED BY OTHERS.
12. NEW PRESSURE DIFFERENTIAL DP-3 TO CONTROL DUAL TEMPERATURE PUMPS P-7 & P-8 IN BOILER ROOM IN GND FLOOR.
13. NEW SPACE STATIC PRESSURE BETWEEN INDOOR AND OUTDOOR. SET AT 0.05"W.G.



KEYPLAN



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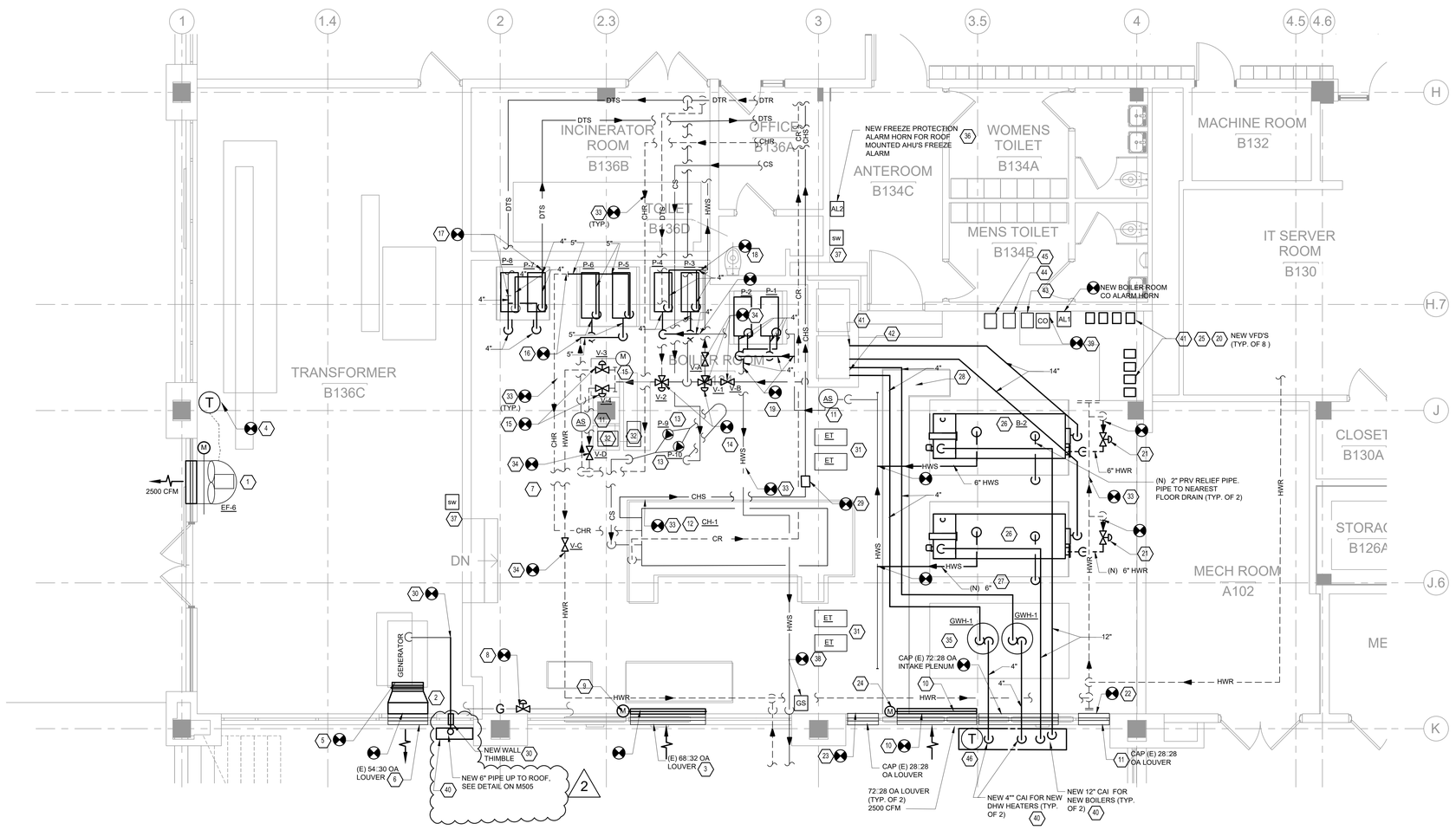
DRAWING NO.

M113B



1 BOILER ROOM - NEW WORK

SCALE:1/4" = 1'0"

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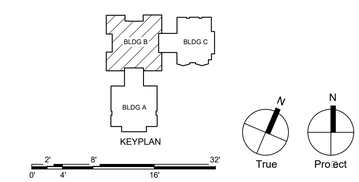
2. REPLACE ALL DAMAGED PIPING INSULATION FROM WATER LEAKS AND/OR CONDENSATION. PERFORM FIELD INVESTIGATION TO ESTABLISH EXTENT OF DAMAGED PIPING INSULATION TO BE REPLACED.

KEYED NOTES

1. PROVIDE WALL MOUNTED PROPELLER EXHAUST FAN EF-6. PROVIDE NEW WALL LOUVER IN PLACE OF EXISTING WINDOW WITH ½" WIRE MESH BIRD SCREEN. PROVIDE DISCHARGE PLENUM FROM FAN OPENING TO WINDOW OPENING. PROVIDE MOTOR OPERATED DAMPER INTERLOCKED WITH OA INTAKE DAMPER.
2. EXISTING 54X30 OA DAMPER TO REMAIN AND RE-USED FOR GENERATOR EXHAUST, PROVIDE DUCT TRANSITION WITH FLEXIBLE CONNECTION BETWEEN EXISTING GENERATOR RADIATOR AND EXISTING LOUVER.
3. PROVIDE OA INTAKE PLENUM WITH NEW MOTOR OPERATED DAMPER ON EXISTING 68X32 OA LOUVER AND PLENUM. INTERLOCK NEW DAMPER WITH GENERATOR.
4. NEW WALL MOUNTED THERMOSTAT.
5. PROVIDE EXHAUST DUCTWORK FOR EXISTING EMERGENCY GENERATOR. PROVIDE EXHAUST PLENUM AND CONNECT TO NEW EXHAUST LOUVER ON CMU WALL, 3' AFF. CONNECT TO GENERATOR WITH FLEXIBLE CONNECTION.
6. VERIFY IN FIELD FOR REQUIRED NECESSARY DUCT TRANSITION OT LOUVER. PROVIDE DISCHARGE PLENUM AS REQUIRED.
7. EXISTING 6" EMERGENCY GENERATOR FLUE TO REMAIN. PROVIDE NEW MUFFLER FLUE PIPE INSULATION REMOVE OLD INSULATION AND INSULATE ENTIRE FLUE UP TO THE CHIMNEY IN BOILER ROOM.
8. NEW MAIN GAS SHUT-OFF VALVE IN EXISTING MAIN GAS PIPING. VALVE SHALL SHUT-DOWN BY NEW ROOM REFRIGERANT SENSOR.
9. PROVIDE OA INTAKE PLENUM WITH MOTOR OPERATED DAMPER INTERLOCKED WITH NEW EXISTING EMERGENCY GENERATOR.
10. EXISTING 28X28 OA. INTAKE LOUVER TO REMAIN. PROVIDE NEW MOTOR OPERATED DAMPER INTERLOCKED WITH NEW FAN EF-6.
11. EXISTING IN-LINE AIR SEPARATOR TO REMAIN - PROVIDE NEW INSULATION.
12. EXISTING FLOOR MOUNTED WATER COOLED CENTRIFUGAL CHILLER TO REMAIN.
13. EXISTING IN-LINE CONDENSER WATER PUMPS TO REMAIN.
14. PROVIDE 3-WAY VALVES CHANGE-OVER VALVES AND ASSOCIATED SERVICE ISOLATION VALVES. NEW CHANGE-OVER VALVES SHALL HAVE AUTO AND MANUAL CAPABILITIES.
15. PROVIDE 2-WAY CHANGE OVER VALVES WITH COMMON LINK WITH ACTUATOR.
16. PROVIDE FLOOR MOUNTED CHILLED WATER PUMPS P-5/P-6 WITH ALL ASSOCIATED VALVES, STRAINER, TRIPLE DUTY VALVE, FLEXIBLE CONNECTION AND ASSOCIATED SECTIONS OF PIPING AS INDICATED. SEE PUMP DETAIL.
17. PROVIDE FLOOR MOUNTED DUAL TEMPERATURE WATER PUMPS P-7/P-8 WITH ALL ASSOCIATED VALVES, STRAINER, TRIPLE DUTY VALVE, FLEXIBLE CONNECTION AND ASSOCIATED SECTIONS OF PIPING AS INDICATED. SEE PUMP DETAIL. P-7/P-8 SHALL BE CONTROLLED BY COOLING AND BOILER PANELS WITH CHANGE-OVER OVERRIDE.
18. PROVIDE FLOOR MOUNTED HOT WATER PUMPS P-3/P-4 WITH ALL ASSOCIATED VALVES, STRAINER, TRIPLE DUTY VALVE, FLEXIBLE CONNECTION AND ASSOCIATED SECTIONS OF PIPING AS INDICATED. SEE PUMP DETAIL.
19. PROVIDE FLOOR MOUNTED HOT WATER PUMPS P-1/P-2 WITH ASSOCIATED VALVES AND ASSOCIATED SECTIONS OF PIPING AS INDICATED.
20. NEW WALL MOUNTED VFD'S FOR NEW PUMPS. PROVIDE DISCONNECT NEAR PUMPS.
21. NEW 2-POSITION ISOLATION CONTROL VALVE
22. PROVIDE SHEET METAL PLENUM FOR CAPPING OF ABANDONED 28X28 OA LOUVER.
23. PROVIDE NEW OUTSIDE AIR INTAKE PLENUM TO ACCOMMODATE INSTALLATION OF NEW DAMPER.
24. PROVIDE OA INTAKE DAMPERS WITH NEW ACTUATOR. INTERLOCK OA DAMPER WITH EF-4
25. SET HEATING PUMPS VFD'S MINIMUM FLOW TO MINIMUM FLOW OF TWO BOILERS.
26. PROVIDE FLOOR MOUNTED GAS-FIRED CONDENSING BOILER (5000 MBH). INSTALL ON EXISTING CONCRETE PAD. RE-ROUTE EXISTING PIPING IN BOILER ROOM TO INSURE SUFFICIENT CLEAR SPACE FOR BOILER PATH.
27. PROVIDE 6" PVC COMBUSTION AIR INTAKE AND RELIEF FOR CONDENSING BOILER B-3
28. REPAIR EXISTING TRENCH PLATE PER OWNER SATISFACTION.
29. NEW CHILLED WATER FLOW METER. CONNECT TO CHILLER CONTROL PANEL. RECONFIGURE CHILLER CONTROLS FOR A NEW VARIABLE PRIMARY FLOW PUMPING SYSTEM, SET CHILLED WATER PUMPS AND DUAL TEMPERATURE PUMPS VFD'S MINIMUM SET POINTS TO PROVIDE MINIMUM FLOW THROUGH CHILLER AT ALL TIMES.
30. NEW 6" WELDED BLACK STEEL EMERGENCY GENERATOR FLUE WITH 46 DEGREE SLANT CUT AND S.S. INSECT SCREEN. PROVIDE THIMBLE THRU WALL. PROVIDE 2" CALCIUM SILICATE INSULATION FOR EXIST AND NEW FLUE PIPE AS WELL AS EXISTING MUFFLER.
31. EXIST. CEILING MOUNTED EXPANSION TANKS WITH ASSOCIATED PIPING TO REMAIN
32. EXISTING FLOOR MOUNTED COOLING TOWER CHEMICAL FED SYSTEM TO REMAIN. CONNECT EXISTING BLOW-DOWN LINE TO FLOOR DRAIN AWAY FROM CURRENT FLOOR DRAIN.
33. REPLACE ALL INSULATION AND NEW CORRECT PIPING LABELING FOR ALL EXISTING AND NEW EQUIPMENT AND PIPING IN BOILER ROOM AND THE ADJACENT INCINERATOR ROOM FOR THE FOLLOWING, BUT NOT LIMITED TO: CHILLED WATER SUPPLY AND RETURN, HOT WATER SUPPLY AND RETURN, DUAL TEMPERATURE WATER SUPPLY AND RETURN, AIR SEPARATORS, PUMPS, GENERATOR EXHAUST FLUE, OUTSIDE AIR DAMPERS, DOMESTIC COLD AND HOT WATER PIPING, MAKE-UP WATER PIPING AND ACCESSORIES, CONDENSATE DRAIN PIPING. DO NOT INSULATE CONDENSER WATER PIPING AND GAS PIPING.
34. PROVIDE NEW CHANGE-OVER VALVES ON MAIN PIPING, V-A, V-B AND V-C.
35. NEW GAS WATER HEATERS, SEE PLUMBING DRAWINGS.
36. PROVIDE ALARM HORN NEAR BUILDING ENGINEER'S OFFICE - EXACT LOCATION PER BUILDING ENGINEER DIRECTIVES - TO PROVIDE ALARM OF COIL FREEZING CONDITION AT ROOF MOUNTED AHU'S.
37. PROVIDE BOILER ABORT SWITCH TO KILL POWER TO BOILERS - TWO LOCATIONS.
38. CONNECT EXISTING GAS SENSOR TO NEW CONTROL PANEL TO DISABLE BOILERS.
39. PROVIDE NEW ROOM CO SENSOR TO DISABLE SEND ALARM TO BOILER CONTROL PANEL. PROVIDE AUDIBLE ALARM.
40. PROVIDE VANDAL PROOF HEADY DUTY CAGE WITH REMOVABLE COVER AND SECURE WITH PAD LOCK FOR ALL EXPOSED BOILER FLUES, FRESH AIR INTAKES AND FIRST 10 FEET OF GENERATOR FLUE.
41. CONNECT NEW 14" BOILER FLUES TO EXISTING CHIMNEY. COORDINATE EXACT CHIMNEY OPENINGS IN FIELD. INSTALL MIN. 7 FEET ABOVE FLOOR MIN. PROVIDE CODE REQUIRED BRACING AS REQUIRED TO THE INSPECTOR SATISFACTION.
42. CONNECT NEW 4" DOMESTIC HOT WATER BOILER FLUES TO EXISTING CHIMNEY. COORDINATE EXACT CHIMNEY OPENINGS IN FIELD. INSTALL MIN. 7 FEET ABOVE FLOOR MIN. PROVIDE CODE REQUIRED BRACING AS REQUIRED TO THE INSPECTOR SATISFACTION.
43. NEW BOILER CONTROL PANELS, CONTROLS BOILERS, HEATING PUMPS AND DUAL TEMP. PUMPS.
44. NEW COOLING CONTROL PANEL. REPLACE EXISTING PNEUMATIC CONTROLS WITH NEW DDC CONTROLS FOR CHILLER, COOLING TOWER, CHILLED WATER PUMPS, CONDENSER WATER PUMPS, AND DUAL TEMP. PUMPS.
45. NEW MAIN BUILDING CONTROL PANEL, CONNECT ALL MAIN EQUIPMENT AND THEIR INTERLOCKED SYSTEMS TO MAIN CONTROL PANEL FOR BUILDING CHANGE OVER OPERATION OVERRIDE AND TIME OF DAY SCHEDULE OF OPERATION AND ALARMS. SYSTEMS CONNECTED TO MAIN PANELS ARE:
    - 45.1. UNIT VENTILATORS AND ASSOCIATED RELIEF AIR DAMPERS.
    - 45.2. 16 AHU'S AND INTERLOCKED EXHAUST FANS.
    - 45.3. FTR 2-POSITION CONTROL VALVES CONNECTED TO DUAL TEMPERATURE PIPING.
    - 45.4. BUILDING TIMER AND SCHEDULE OF OPERATION. 365-DAY PROGRAMMING CAPABILITY.
    - 45.5. EMERGENCY ALARMS.
    - 45.6. EQUIPMENT ALARMS, INCLUDING FREEZE ALARM.
    - 45.7. EQUIPMENT STATUS
    - 45.8. ALL DIFFERENTIAL PRESSURE SENSORS.
    - 45.9. SUMP PUMPS, DOMESTIC HW PUMPS AND WATER HEATERS
    - 45.10. EXHAUST FANS, RELIEF AIR DAMPERS AND INTERLOCKS.
    - 45.11. CONTROLS SYSTEM SHOWN ON CONTROL DRAWINGS
    - 45.12. OTHER EXISTING MISCELLANEOUS SYSTEMS NOT SHOWN ON DRAWINGS
46. NEW OUTDOOR TEMPERATURE SENSORS (DRY BULB AND WET BULB SENSORS FOR CHILLER AND BOILER PLANTS. LOCATE IN A SECURE ENCLOSURE WITH SUN SHIELD.



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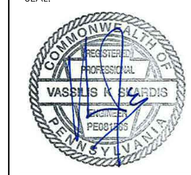

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BID DOCUMENTS
FEBRUARY 16, 2018

Revision Schedule

NO.	DESCRIPTION	DATE
1	Addendum # 2	03/22/2018

SCHOOL & LOCATION

Motivation High School

5900 Baltimore Avenue, Philadelphia PA 19143

PROJECT TITLE

Renovations to Motivation High School

DRAWING TITLE

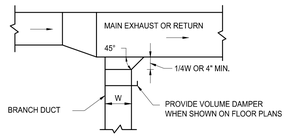
BUILDING B - BOILER ROOM - ENLARGED PLANS - NEW WORK

LOCATION NO.	FILE NO.
17-015	
DRAWN BY	CHECKED BY

B-014 C	OF	2017/18
B-017 C	OF	2017/18
B-015 C	OF	2017/18
B-016 C	OF	2017/18

DRAWING NO.

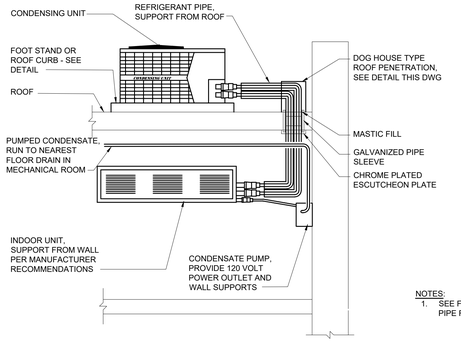
M201



PLAN VIEW

9 EXHAUST OR RETURN BRANCH DUCTWORK

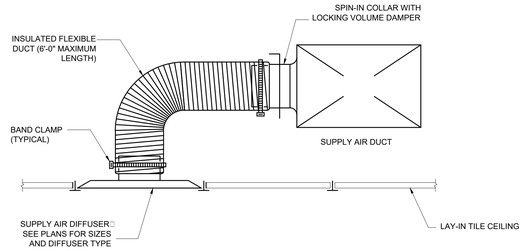
SCALE: NOT TO SCALE



NOTES:
1. SEE FLOOR PLANS FOR PIPE ROUTING

5 SPLIT SYSTEM AIR-CONDITIONING INSTALLATION DETAIL

SCALE: NOT TO SCALE

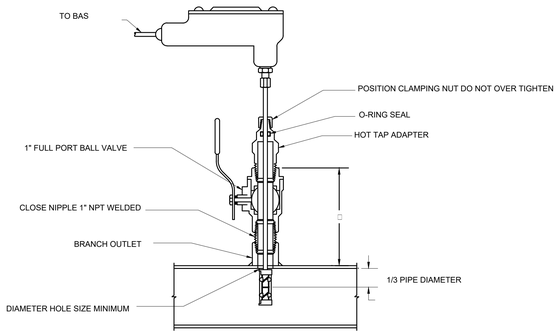


NOTE:

FLEXIBLE DUCT SHALL BE SUPPORTED FROM STRUCTURE ABOVE TO PREVENT SAGGING.

1 FLEXIBLE DUCT CONNECTION TO DIFFUSER DETAIL

SCALE: NOT TO SCALE



10 DETAIL - TYPICAL SYSTEM FLOWMETER

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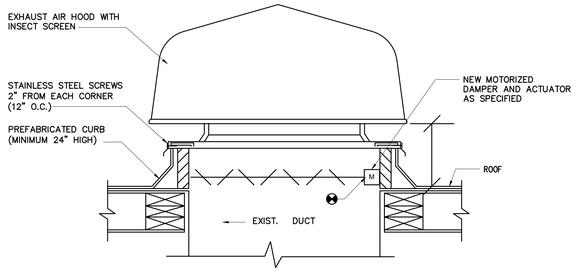

6 ROOF MOUNTED EXHAUST/RELIEF AIR HOOD DETAIL

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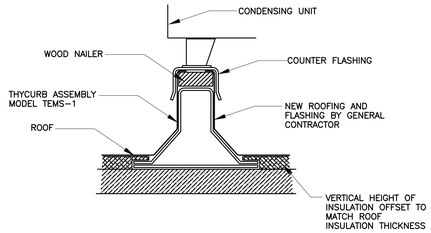

2 CONDENSING UNIT SUPPORT DETAIL

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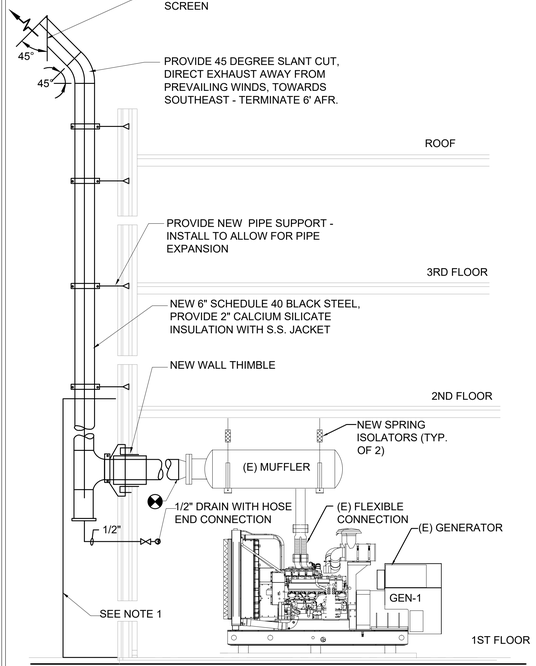
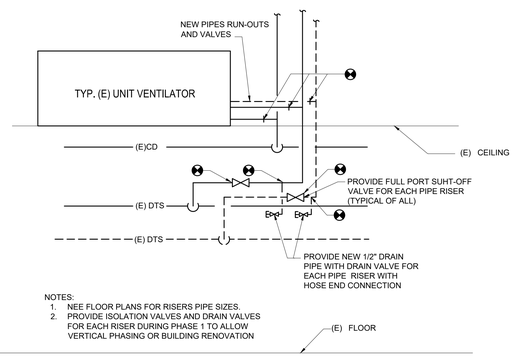


2

NOTE:
1. PROVIDE VANDAL PROOF HEADY DUTY CAGE WITH REMOVABLE COVER AND SECURE WITH PAD LOCK FOR EXPOSED FIRST 10 FEET OF PIPE RISER.

11 NEW EMERGENCY GENERATOR FLUE DETAIL

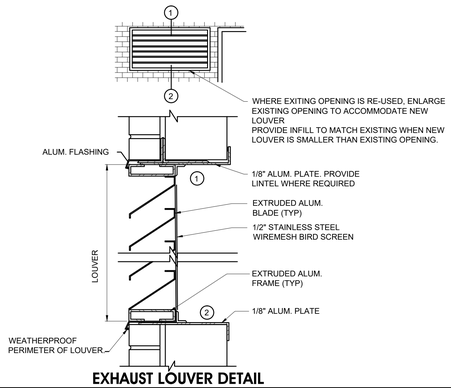
SCALE: NOT TO SCALE



NOTES:
1. NEE FLOOR PLANS FOR RISERS PIPE SIZES.
2. PROVIDE ISOLATION VALVES AND DRAIN VALVES FOR EACH RISER DURING PHASE 1 TO ALLOW VERTICAL PHASING OR BUILDING RENOVATION

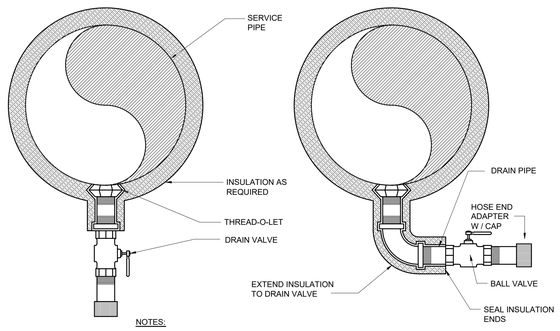
7 TYPICAL NEW PIPE RISER ISOLATION AND DRAIN VALVE

SCALE: NOT TO SCALE



3 EXHAUST LOUVER DETAIL

SCALE: NOT TO SCALE

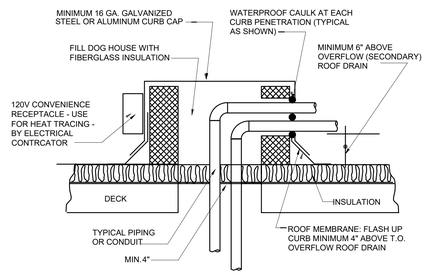


NOTES:

1. INSTALL DRAINS WHERE SHOWN ON DRAWINGS AND AT ALL LOW POINTS IN PIPING SYSTEMS.

8 DETAIL - PIPE DRAIN INSTALLATION

SCALE: NOT TO SCALE



NOTES:
1. PROVIDE SINGLE CORE DRILL THROUGH ROOF FOR EACH PIPE INDIVIDUALLY.
2. MAINTAIN MINIMUM 4" SOLID CONCRETE BETWEEN HOLES
3. MECHANICAL CONTRACTOR SHALL RESPONSIBLE FOR ROOF OPENINGS/CORE DRILLING

4 PIPING THROUGH ROOF DETAIL

SCALE: NOT TO SCALE

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DRAWING NO. M505