

**KELLOGG MIDDLE SCHOOL
PORTLAND PUBLIC SCHOOLS**

SCHEMATIC DESIGN REPORT

KELLOGG MIDDLE SCHOOL
6909 SE POWELL BLVD
PORTLAND, OR 97206

OWNERS REVIEW DRAFT - 02/01/18
VOLUME 2 OF 2





Project Team

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6909 SE Powell Blvd
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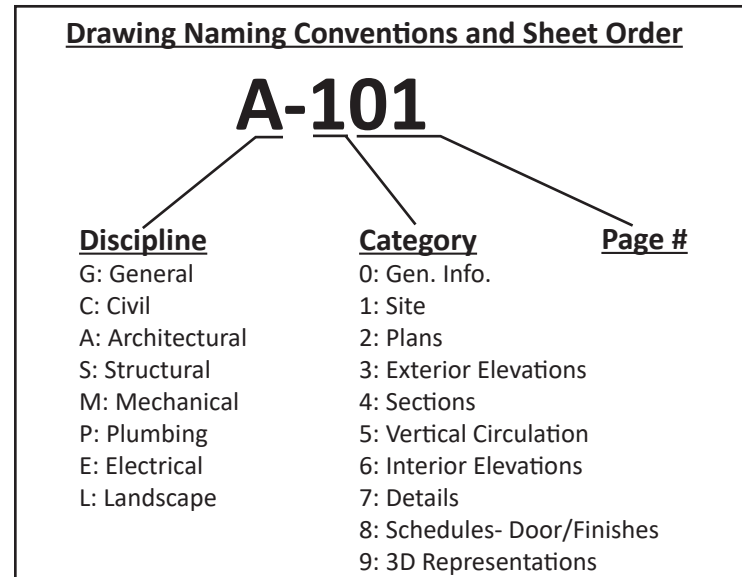
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Part 7 - Appendix

7.1 Room Data Sheets
 Project Meeting Minutes and Memorandums provided as a separate attachment



KELLOGG MIDDLE SCHOOL
PORTLAND PUBLIC SCHOOL DISTRICT
02/01/18

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6.1 Drawings

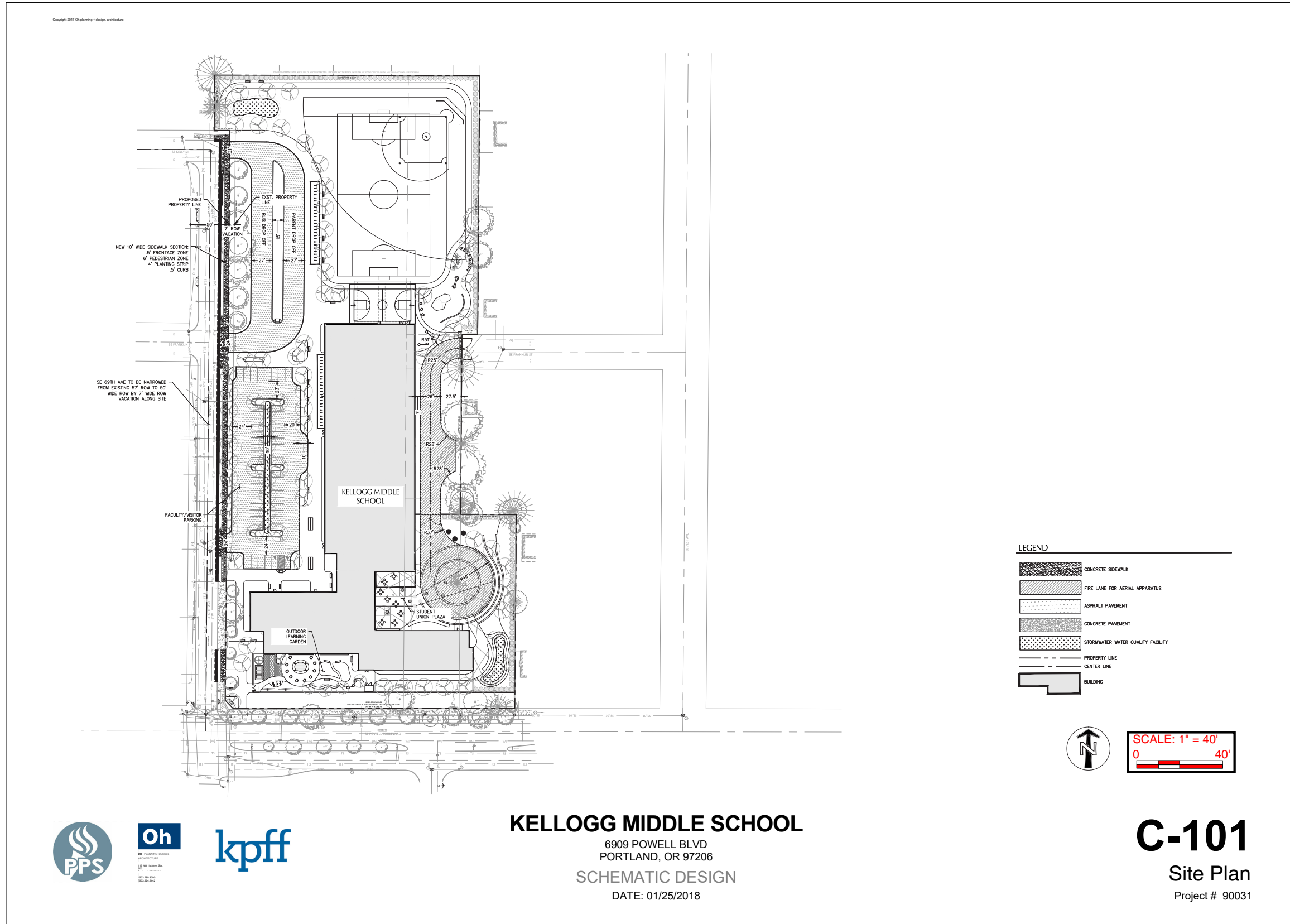
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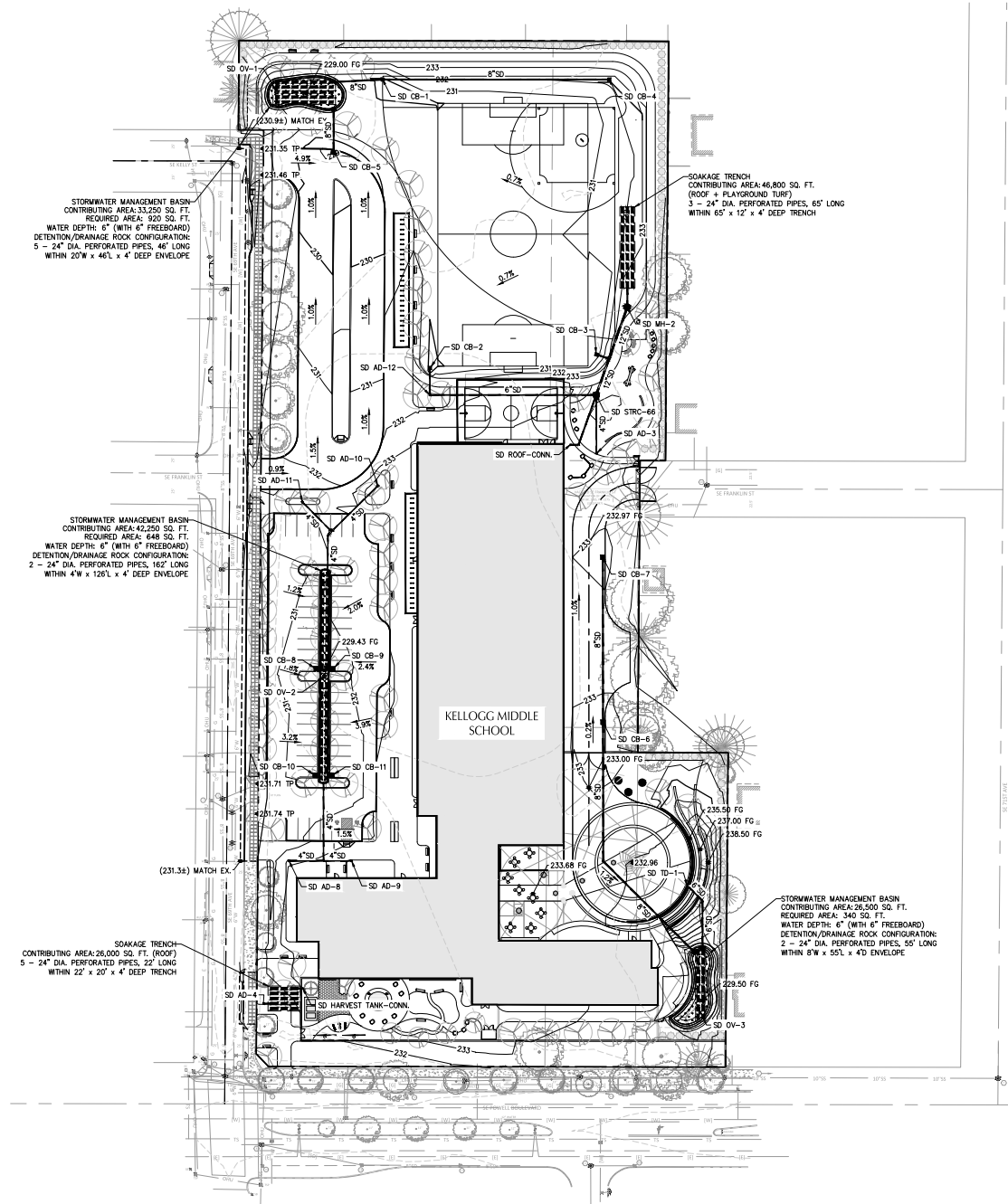


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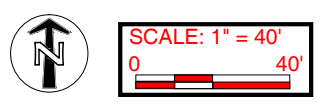
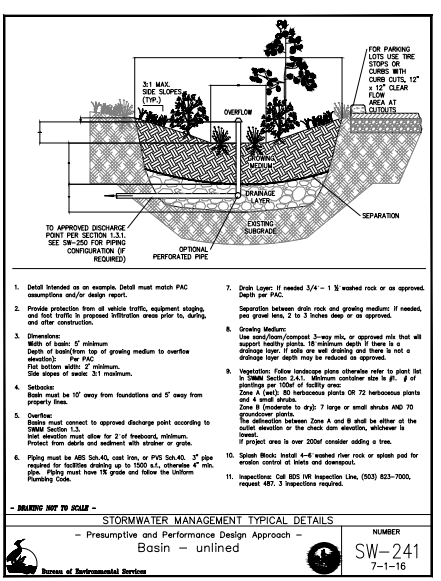
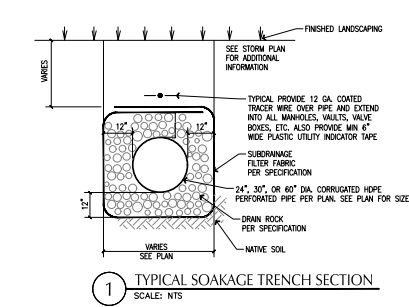
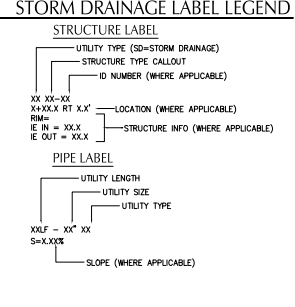
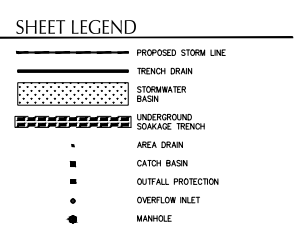


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CALLOUT	DESCRIPTION
AD	AREA DRAIN TYPE 1
CB	CATCH BASIN
CO	CLEANOUT TO GRADE
DW	DRYWELL
FCMH	FLOW CONTROL MANHOLE
FD	FOUNDATION DRAINAGE
GI	GUTTER INLET
MI	MANHOLE
OF	OUTFALL
OV	OVERFLOW INLET
OVT	OVERFLOW INLET TYPE 2
SED	SEDIMENTATION
SEDMH	SEDIMENTATION MANHOLE
STUB	STUB
TD	TRENCH DRAIN
WQCB	WATER QUALITY CATCH BASIN
WQMH	WATER QUALITY MANHOLE

CALLOUT	DESCRIPTION
XX.XX	GRADING SLOPE AND DIRECTION (DOWNHILL)
---	STATION
---	OFFSET (IF OMITTED, OFFSET IS 0 OR BASED ON DIMENSIONS GIVEN)
X+XXX.XX LT XXX	SPOT ELEVATION, SHOWN IN () INDICATES EX. ELEV. TO MATCH DESCRIPTION LISTED BELOW -NO DESCRIPTION MEANS TP OR TO
BS	BOTTOM OF STEP
BW	BOTTOM OF WALL
ED	EXISTING GRADE
FF	FINISHED FLOOR
FL	FLOW LINE
G	GUTTER
GB	GRADE BREAK
HP	HIGH POINT
LP	LOW POINT
RM	ROOM
TC	TOP OF CURB
TG	TOP OF GROUND
TP	TOP OF PAVEMENT
TS	TOP OF STEP
TW	TOP OF WALL



KELLOGG MIDDLE SCHOOL
6909 POWELL BLVD
PORTLAND, OR 97206
SCHEMATIC DESIGN
DATE: 01/25/2018

C-102
Storm Drainage Plan
Project # 90031



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STRUCTURE TYPE

SYMBOL	DESCRIPTION
FD	FIRE DEPARTMENT CONNECTION
FH	FIRE HYDRANT ASSEMBLY
TEE	TEE
RPBA	REDUCED PRESSURE BACKFLOW ASSEMBLY
VALVE	ISOLATION VALVE
GM	GAS METER
MH	MANHOLE
CO	CLEANOUT
GI	GREASE INTERCEPTOR
METER	WATER METER
DDCV	DOUBLE DETECTOR CHECK VAULT

LINE TYPE	DESCRIPTION
W	WATER LINE
S	SANITARY SEWER LINE
FP	FIRE PROTECTION LINE
TC	TELECOMMUNICATIONS LINE
FH	FIRE HYDRANT LINE
NGAS	NATURAL GAS LINE
E	ELECTRIC LINE

SCALE: 1" = 40'

6.1 Drawings



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SCHEMATIC DESIGN

DATE: 01/25/2018

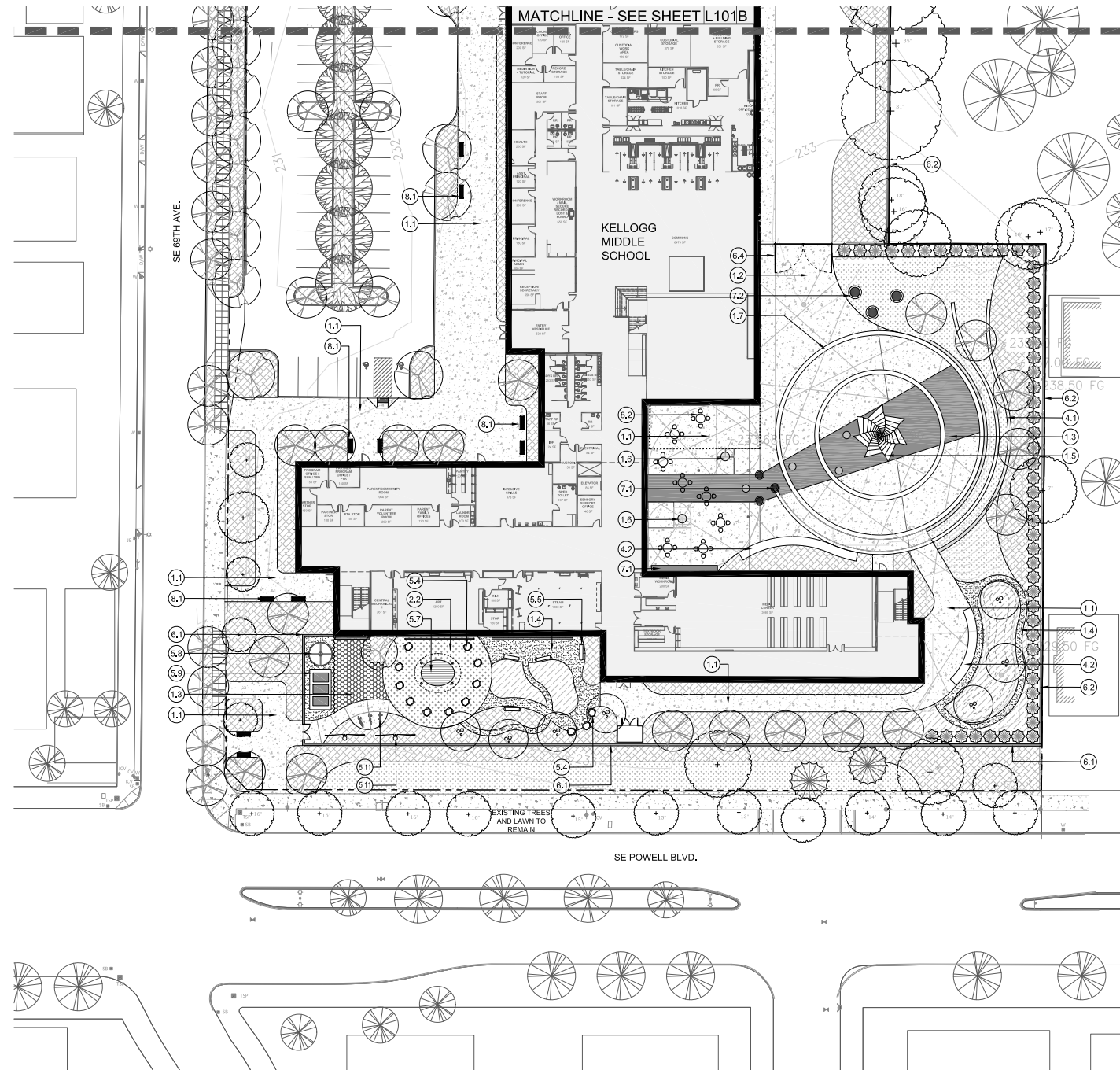
C-103

Utility Plan

Project # 90031



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SITE MATERIALS LEGEND		
CONCRETE PAVING WITH CONTROL JOINTS		EXISTING TREES TO REMAIN AND BE PRESERVED DURING CONSTRUCTION
PERMEABLE PAVERS		PROPOSED TREES
STABILIZED AGGREGATE PAVING		BENCH
ARTIFICIAL TURF		BIKE RACKS
ARTIFICIAL PLAY TURF		METAL PANEL FENCING
SEEDED LAWN AREA (7,383 S.F.) LOW MAINTENANCE		CHAINLINK FENCING WITH SLATS
PLANTING AREA (44,045 S.F.)		NATURAL BOULDER SEATING
STORMWATER PLANTING (7,108 S.F.)		NATURAL LOG SEATING
MATCHLINE		OPEN AIR COVERED STRUCTURE. SEE ARCHITECTS PLANS.
PROPERTY LINE		MUSICAL PLAY INSTRUMENTS

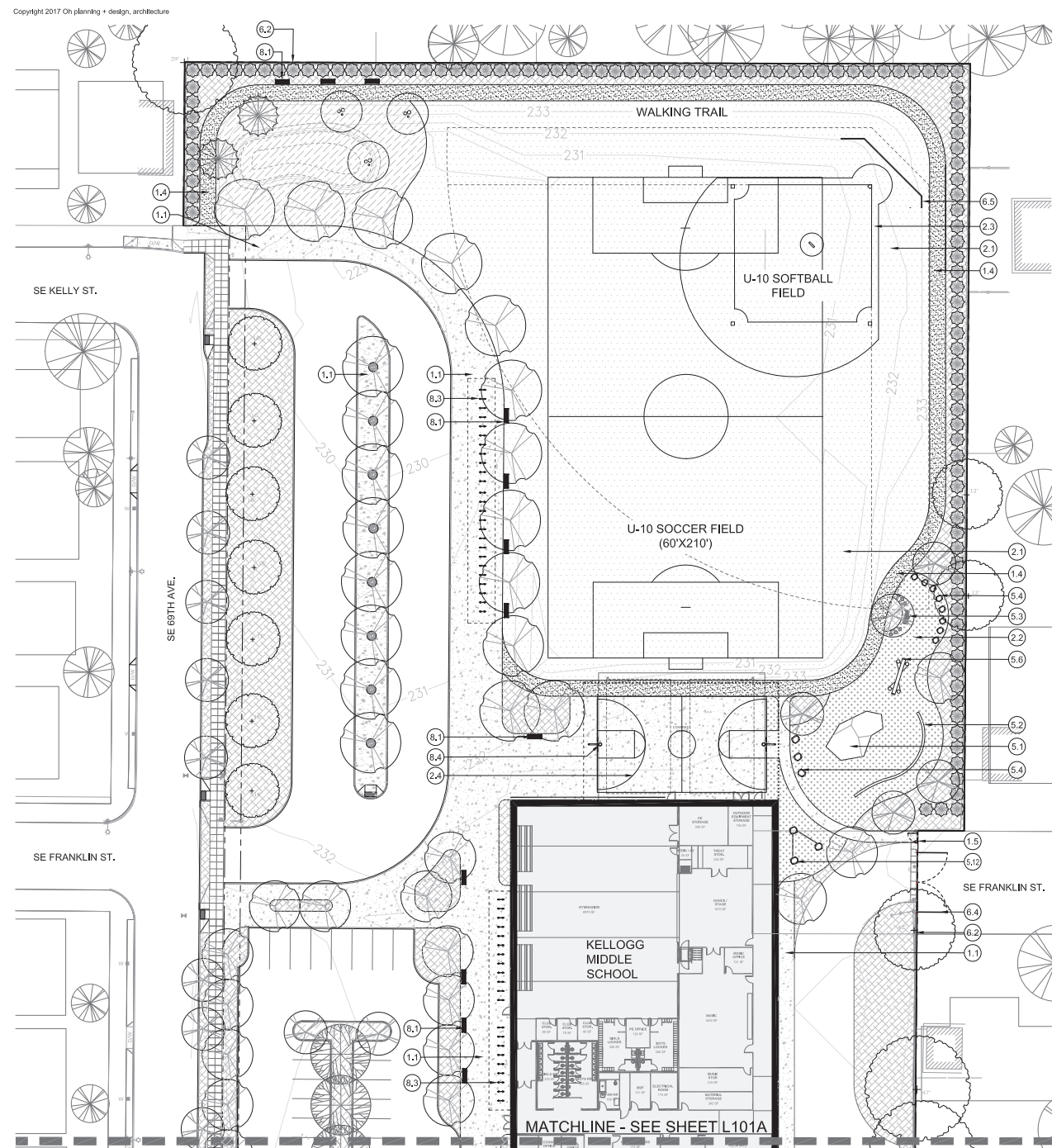
SITE DETAIL KEYNOTES			
1.0 PAVING	DETAIL/SHEET	SPEC SECTION	QUANTITIES
1.1 PEDESTRIAN CONCRETE PAVING	#/SHEET	32 13 13	38,184 S.F.
1.2 VEHICULAR CONCRETE PAVING	SEE CIVIL		6,446 S.F.
1.3 UNIT/PERMEABLE PAVERS	#/SHEET	32 14 00	3,203 S.F.
1.4 STABILIZED AGGREGATE PAVING	#/SHEET	32 15 40	7,099 S.F.
1.5 FIBONACCI MURAL	#/SHEET	-- --	1
1.6 EDUCATIONAL PLAQUARDS	#/SHEET	-- --	6
1.7 METAL CIRCULAR INLAYS WITH LETTERING	#/SHEET	32 13 13	1076 S.F.
1.8 CONCRETE MOW STRIP	#/SHEET	-- L.F.	-- L.F.
2.0 SPORTS FIELD SURFACING	DETAIL/SHEET	SPEC SECTION	QUANTITIES
2.1 ARTIFICIAL TURF - SOCCER AND SOFTBALL	#/SHEET	11 68 00	45,501 S.F.
2.2 ARTIFICIAL PLAY TURF	#/SHEET	11 68 00	6,877 S.F.
2.3 CLAY SOFTBALL INFIELD	#/SHEET	-- --	3,359 S.F.
2.4 BASKETBALL COURT STRIPING	#/SHEET	-- --	3,108 S.F.
3.0 JOINTING	DETAIL/SHEET	SPEC SECTION	QUANTITIES
3.1 EXPANSION JOINT	#/SHEET	32 18 00	-- S.F.
3.2 CONTROL JOINT	#/SHEET	32 18 00	-- S.F.
4.0 SITE WALLS / EMBANKMENTS	DETAIL/SHEET	SPEC SECTION	QUANTITIES
4.1 RADIAL CONCRETE SEAT WALL TYPE 1	#/SHEET	03 30 10	364 L.F.
4.2 RADIAL CONCRETE SEAT WALL TYPE 2	#/SHEET	03 30 10	98 L.F.
5.0 NATURE PLAY AND LEARNING GARDEN	DETAIL/SHEET	SPEC SECTION	QUANTITIES
5.1 CLIMBING BOULDER	#/SHEET	-- --	1
5.2 CLIMBING WALL	#/SHEET	-- --	55 L.F.
5.3 MUSICAL PLAY INSTRUMENTS	#/SHEET	-- --	6
5.4 SITTING BOULDERS	#/SHEET	-- --	24
5.5 SITTING LOGS	#/SHEET	-- --	4
5.6 CLIMBING LOG STRUCTURE	#/SHEET	-- --	1
5.7 COVERED STAGE	#/SHEET	-- --	1
5.8 RAINWATER CISTERN	#/SHEET	-- --	1
5.9 SCIENCE WALL	#/SHEET	-- --	1
5.10 SMALL WINDMILLS	#/SHEET	-- --	2
5.11 UPCYCLE BICYCLES	#/SHEET	-- --	3
5.12 BOULDER TIGHT ROPE	#/SHEET	-- --	1
6.0 GATES AND FENCING	DETAIL/SHEET	SPEC SECTION	QUANTITIES
6.1 METAL PANEL FENCE	#/SHEET	05 50 10	398 L.F.
6.2 CHAINLINK FENCE WITH PRIVACY SLATS	#/SHEET	32 31 13	1,276 L.F.
6.3 GATE (SINGLE SWING)	#/SHEET	32 31 13	1
6.4 GATE (DOUBLE SWING)	#/SHEET	32 31 13	3
6.5 CHAINLINK BACKSTOP	#/SHEET	32 31 13	54 L.F.
7.0 ARTWORK	DETAIL/SHEET	SPEC SECTION	QUANTITIES
7.1 STORMWATER SCULPTURE	#/SHEET	-- --	4
7.2 ARTWORK/SCULPTURE	#/SHEET	-- --	3
8.0 SITE FURNITURE	DETAIL/SHEET	SPEC SECTION	QUANTITIES
8.1 BENCH TYPE 1	#/SHEET	12 93 00	21
8.2 TABLE TYPE 1	#/SHEET	12 93 00	8
8.3 BIKE RACK	#/SHEET	12 93 00	47
8.4 BASKETBALL HOOP	#/SHEET	11 68 00	2

SITE MATERIALS NOTES	
1.	PROTECT EXISTING TREES TO REMAIN.
2.	SEE CIVIL DRAWINGS FOR EXTENT OF SITE GRADING, UTILITIES, AND NEW VEHICULAR PAVING.
3.	SEE ELECTRICAL DRAWINGS FOR SITE LIGHTING AND ELECTRICAL UTILITIES.



KELLOGG MIDDLE SCHOOL
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SCHEMATIC DESIGN
 DATE: 01.30.18

L-101A
LAYOUT MATERIALS/ SOUTH
 SCALE: 1"-20'-0"
 Project # 90031



SITE MATERIALS LEGEND

	CONCRETE PAVING WITH CONTROL JOINTS		EXISTING TREES TO REMAIN AND BE PRESERVED DURING CONSTRUCTION
	PERMEABLE PAVERS		PROPOSED TREES
	STABILIZED AGGREGATE PAVING		BENCH
	ARTIFICIAL TURF		BIKE RACKS
	ARTIFICIAL PLAY TURF		METAL PANEL FENCING
	SEEDED LAWN AREA (7,383 S.F.) LOW MAINTENANCE		CHAINLINK FENCING WITH SLATS
	PLANTING AREA (44,045 S.F.)		NATURAL BOULDER SEATING
	STORMWATER PLANTING (7,108 S.F.)		NATURAL LOG SEATING
	MATCHLINE		OPEN AIR COVERED STRUCTURE. SEE ARCHITECTS PLANS.
	PROPERTY LINE		MUSICAL PLAY INSTRUMENTS

SITE DETAIL KEYNOTES

KEYNOTE	PAVING	DETAIL/SHEET	SPEC SECTION	QUANTITIES
1.0	1.1 PEDESTRIAN CONCRETE PAVING	#/SHEET	32 13 13	38,164 S.F.
	1.2 VEHICULAR CONCRETE PAVING	SEE CIVIL		6,445 S.F.
	1.3 UNIT/PERMEABLE PAVERS	#/SHEET	32 14 00	3,203 S.F.
	1.4 STABILIZED AGGREGATE PAVING	#/SHEET	32 15 40	7,099 S.F.
	1.5 FIBONACCI MURAL	#/SHEET	-- --	1
	1.6 EDUCATIONAL PLAQUARDS	#/SHEET	-- --	6
	1.7 METAL CIRCULAR INLAYS WITH LETTERING	#/SHEET	-- --	1076 S.F.
	1.8 CONCRETE MOW STRIP	#/SHEET	32 13 13	-- L.F.
	2.0	2.1 ARTIFICIAL TURF - SOCCER AND SOFTBALL	#/SHEET	11 68 00
2.2 ARTIFICIAL PLAY TURF		#/SHEET	11 68 00	6,877 S.F.
2.3 CLAY SOFTBALL INFIELD		#/SHEET	-- --	3,356 S.F.
2.4 BASKETBALL COURT STRIPING		#/SHEET	-- --	3,108 S.F.
3.0	3.1 EXPANSION JOINT	#/SHEET	32 16 00	-- S.F.
	3.2 CONTROL JOINT	#/SHEET	32 16 00	-- S.F.
4.0	4.1 RADIAL CONCRETE SEAT WALL TYPE 1	#/SHEET	03 30 10	364 L.F.
	4.2 RADIAL CONCRETE SEAT WALL TYPE 2	#/SHEET	03 30 10	98 L.F.
5.0	5.1 CLIMBING BOULDER	#/SHEET	-- --	1
	5.2 CLIMBING WALL	#/SHEET	-- --	55 L.F.
	5.3 MUSICAL PLAY INSTRUMENTS	#/SHEET	-- --	8
	5.4 SITTING BOULDERS	#/SHEET	-- --	24
	5.5 SITTING LOGS	#/SHEET	-- --	4
	5.6 CLIMBING LOG STRUCTURE	#/SHEET	-- --	1
	5.7 COVERED STAGE	#/SHEET	-- --	1
	5.8 RAINWATER CISTERN	#/SHEET	-- --	1
	5.9 SCIENCE WALL	#/SHEET	-- --	1
	5.10 SMALL WINDMILLS	#/SHEET	-- --	2
	5.11 UPCYCLE BICYCLES	#/SHEET	-- --	3
	5.12 BOULDER TIGHT ROPE	#/SHEET	-- --	1
6.0	6.1 METAL PANEL FENCE	#/SHEET	05 50 10	398 L.F.
	6.2 CHAINLINK FENCE WITH PRIVACY SLATS	#/SHEET	32 31 13	1,276 L.F.
	6.3 GATE (SINGLE SWING)	#/SHEET	32 31 13	1
	6.4 GATE (DOUBLE SWING)	#/SHEET	32 31 13	3
	6.5 CHAINLINK BACKSTOP	#/SHEET	32 31 13	54 L.F.
7.0	7.1 STORMWATER SCULPTURE	#/SHEET	-- --	4
	7.2 ARTWORK/SCULPTURE	#/SHEET	-- --	3
8.0	8.1 BENCH TYPE 1	#/SHEET	12 93 00	21
	8.2 TABLE TYPE 1	#/SHEET	12 93 00	8
	8.3 BIKE RACK	#/SHEET	12 93 00	47
	8.4 BASKETBALL HOOP	#/SHEET	11 68 00	2

SITE MATERIALS NOTES

- PROTECT EXISTING TREES TO REMAIN.
- SEE CIVIL DRAWINGS FOR EXTENT OF SITE GRADING, UTILITIES, AND NEW VEHICULAR PAVING.
- SEE ELECTRICAL DRAWINGS FOR SITE LIGHTING AND ELECTRICAL UTILITIES.

6.1 Drawings



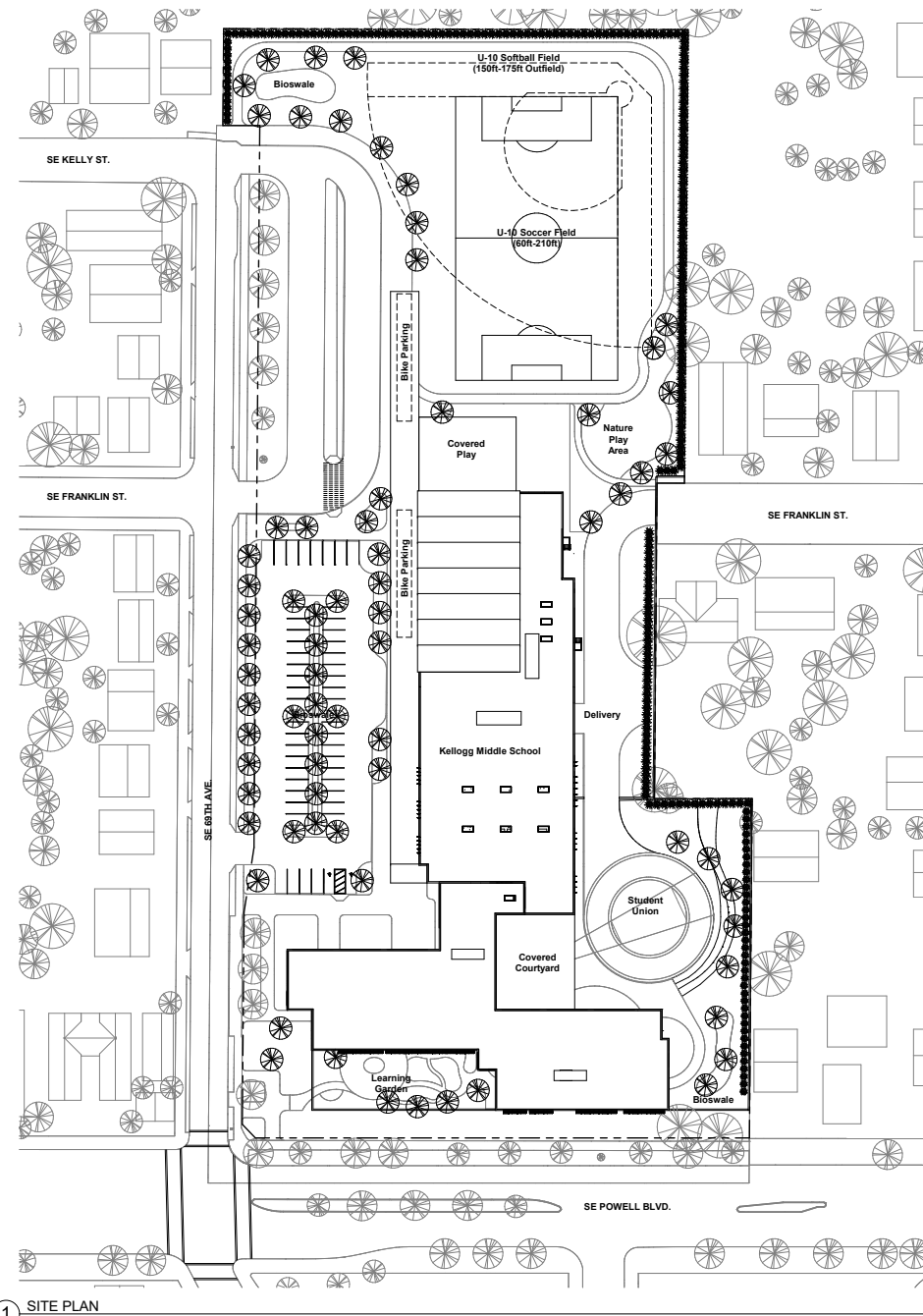
KELLOGG MIDDLE SCHOOL
 3330 SE 69TH AVE, PORTLAND, OR 97206
SCHEMATIC DESIGN
 DATE: 01.30.18

L-101B
LAYOUT MATERIALS/ NORTH
 SCALE: 1"=20'-0"
 Project # 90031

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1 SITE PLAN
 1" = 40'-0"



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SCHEMATIC DESIGN PROGRESS SET

DATE: 01/31/2018

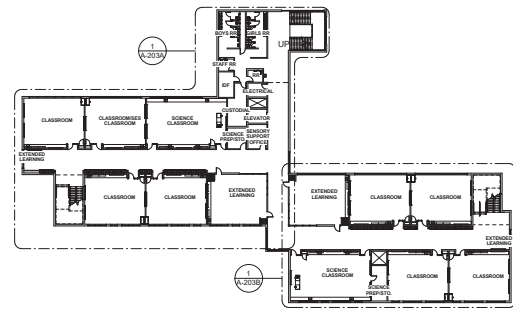
A-101

OVERALL SITE PLAN

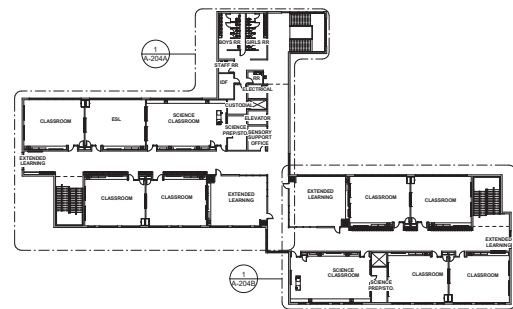
Project # 90031



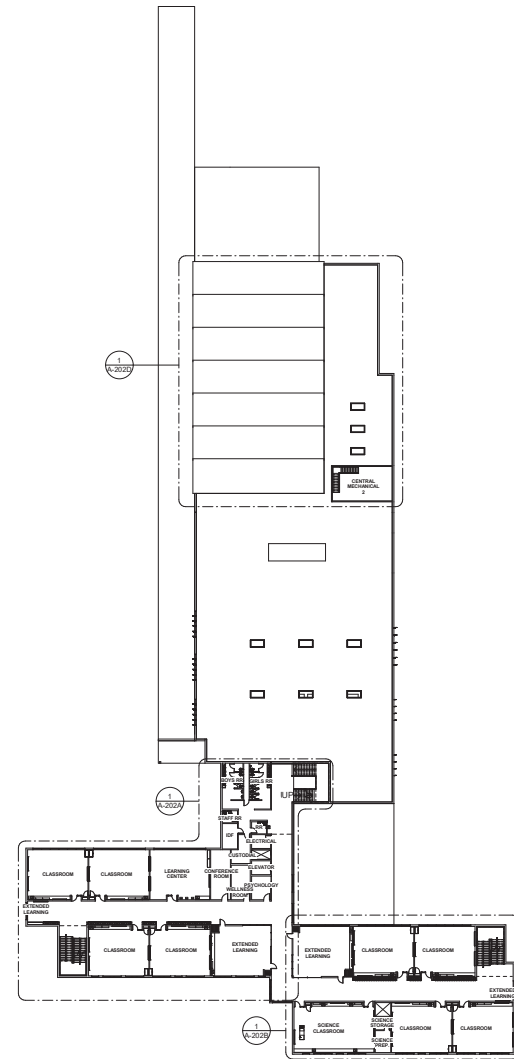
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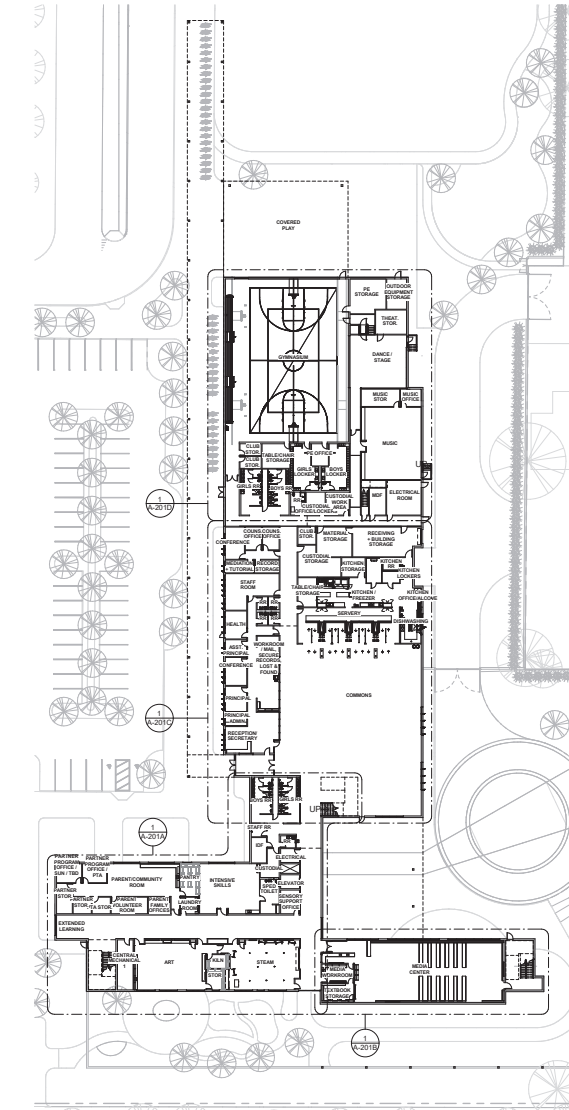
3 OVERALL THIRD FLOOR PLAN
 1/32" = 1'-0"



4 OVERALL FOURTH FLOOR PLAN
 1/32" = 1'-0"



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



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



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A-201

OVERALL FLOOR PLANS

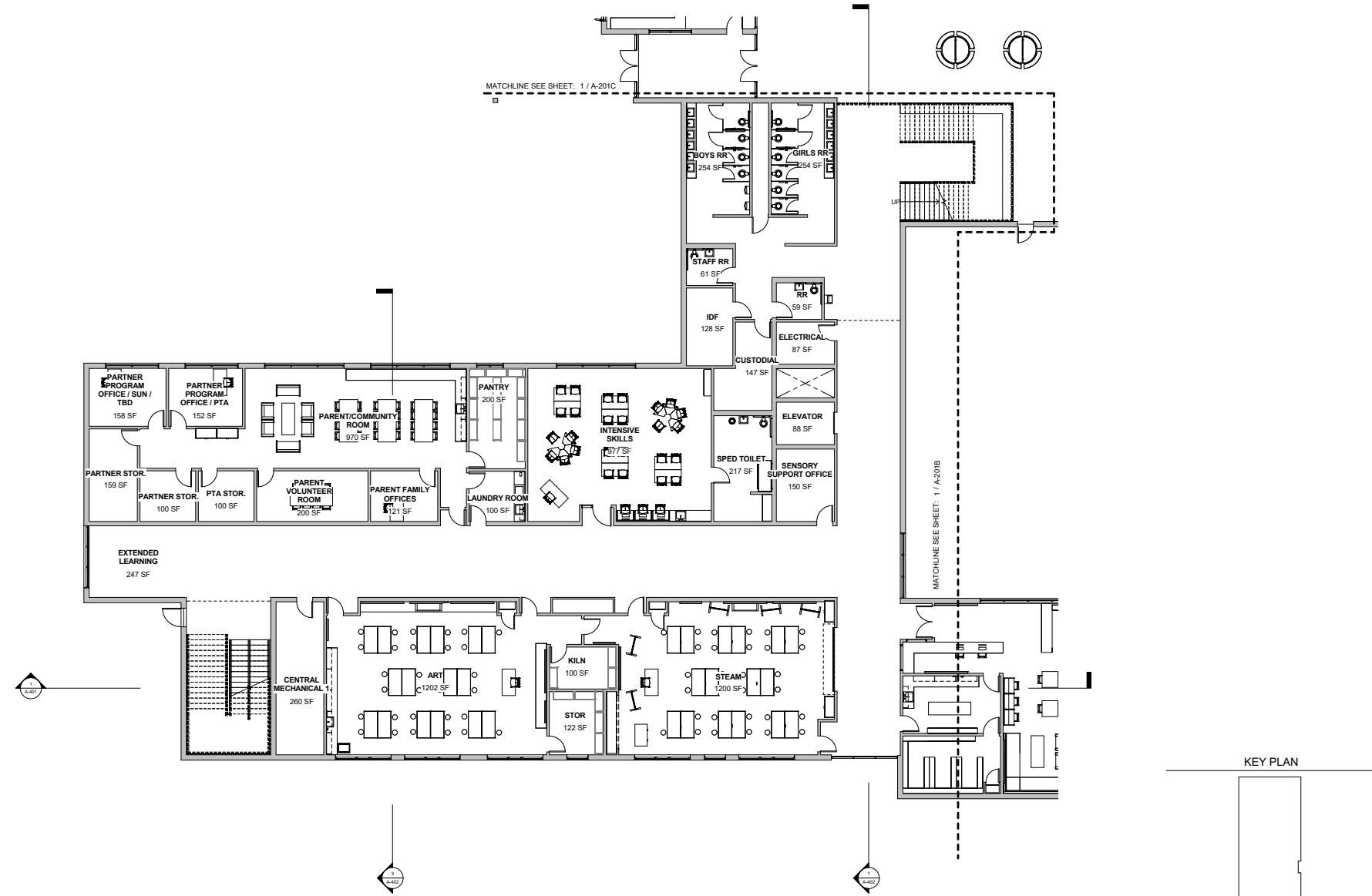
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6.1 Drawings

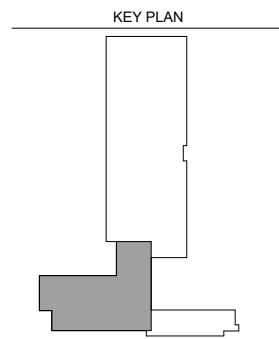
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1 ENLARGED FIRST FLOOR PLAN - WEST LEARNING SUITES
 1/8" = 1'-0"

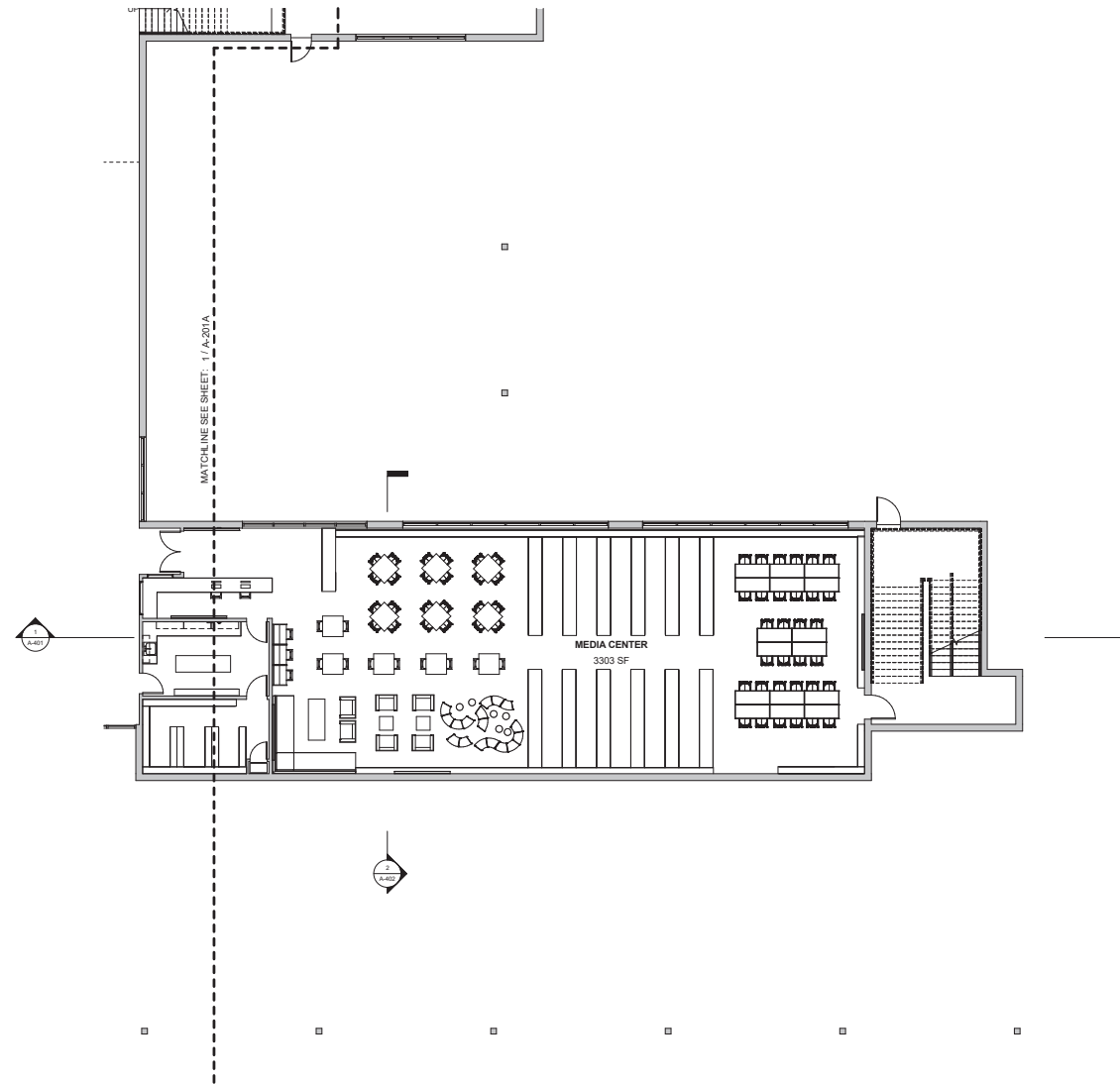


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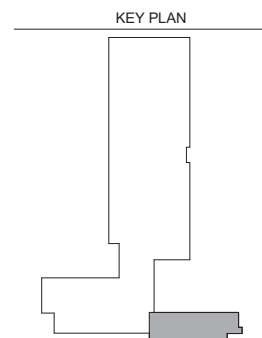
A-201A
FIRST FLOOR - WEST LEARNING SUITES
 Project # 90031



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1 ENLARGED FIRST FLOOR PLAN - EAST LEARNING SUITES
 1/8" = 1'-0"



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FIRST FLOOR - EAST LEARNING SUITES

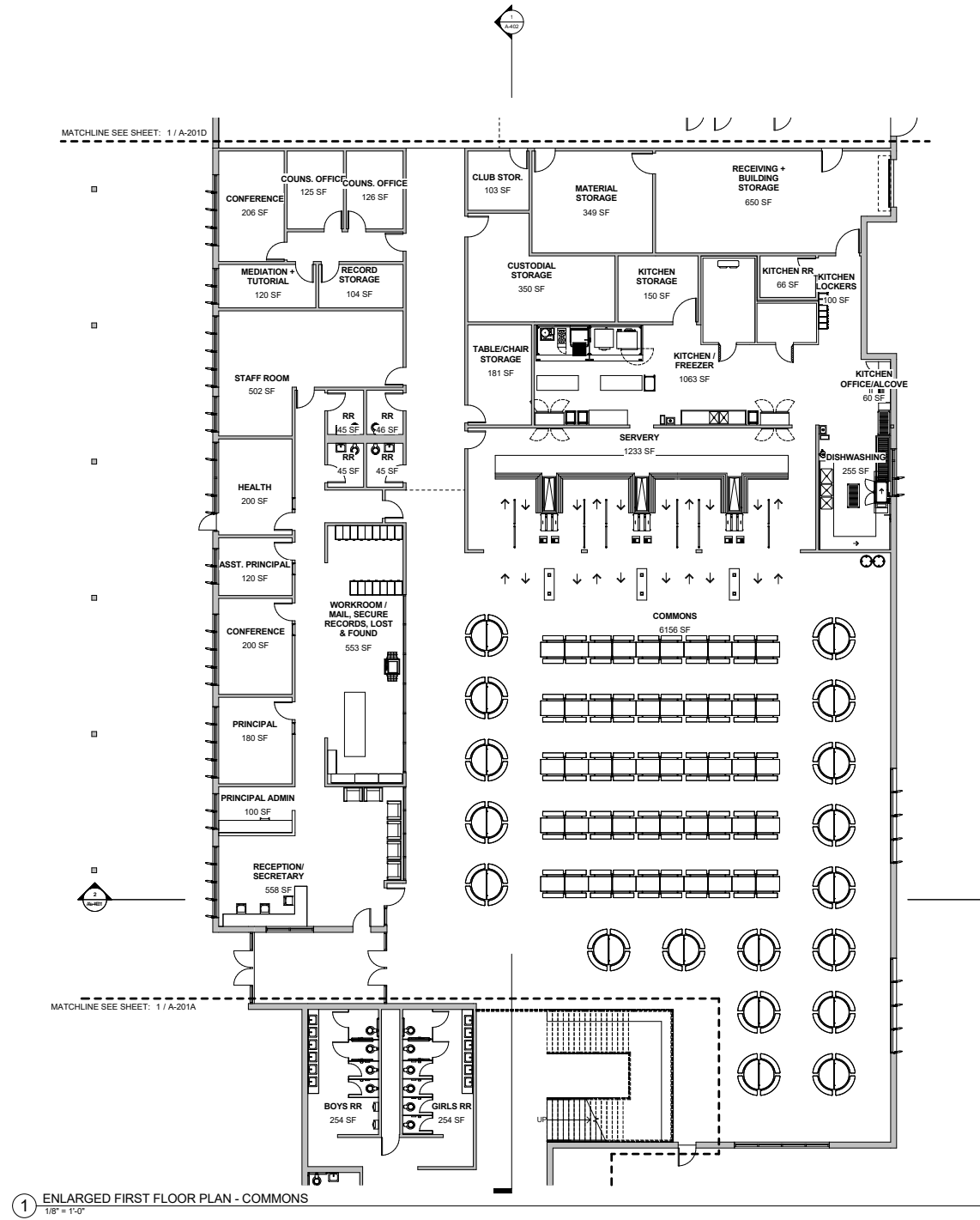
Project # 90031

6.1 Drawings

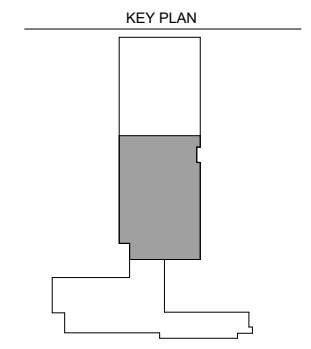
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1 ENLARGED FIRST FLOOR PLAN - COMMONS
 1/8" = 1'-0"

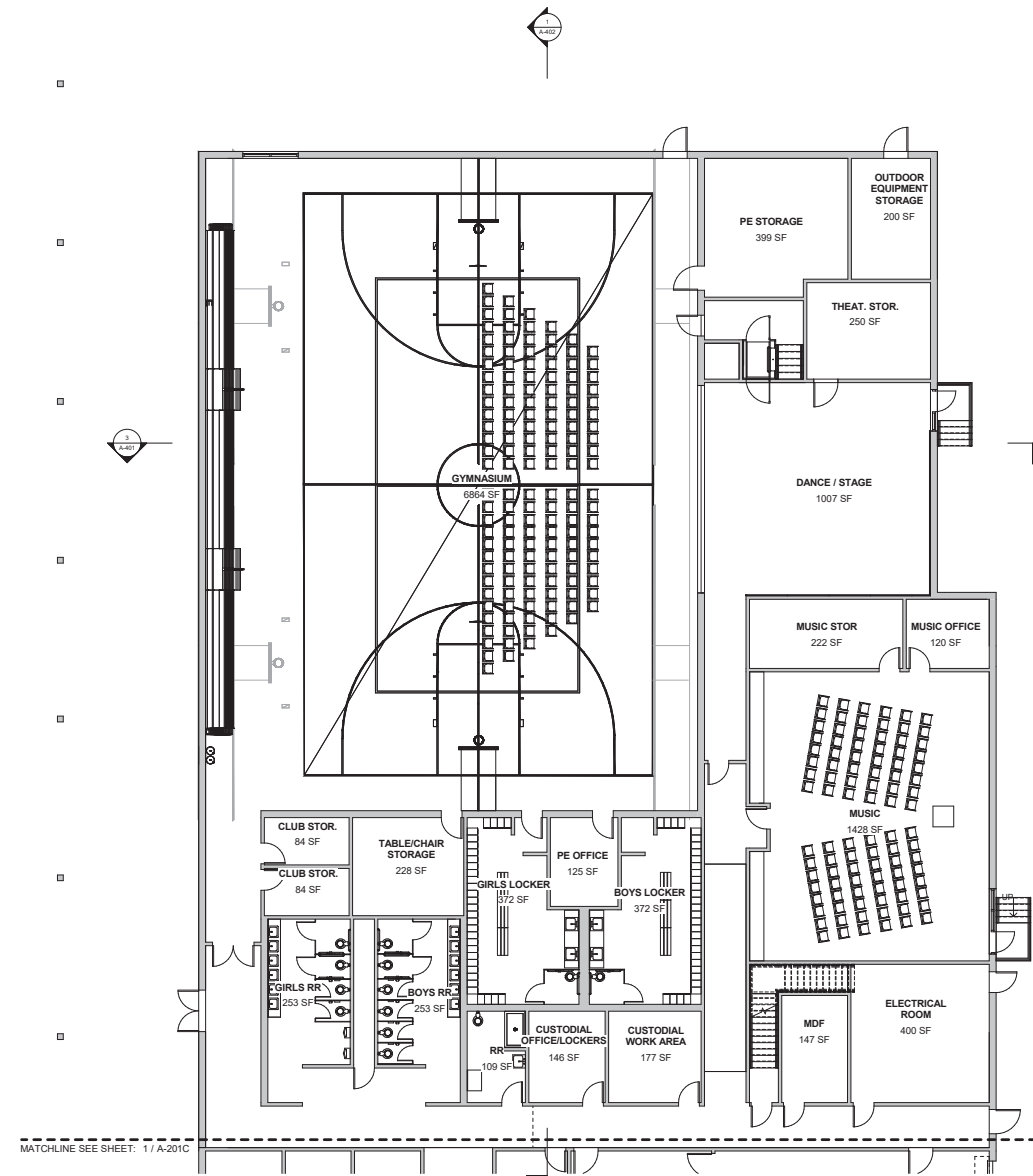


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 SCHEMATIC DESIGN PROGRESS SET
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A-201C
FIRST FLOOR - COMMONS
 Project # 90031

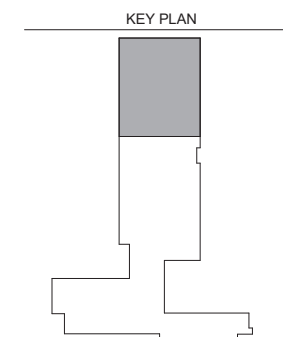


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MATCHLINE SEE SHEET: 1 / A-201C

1 ENLARGED FIRST FLOOR PLAN - GYM
 1/8" = 1'-0"



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KELLOGG MIDDLE SCHOOL

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SCHEMATIC DESIGN PROGRESS SET

DATE: 01/31/2018

A-201D
FIRST FLOOR - GYM

Project # 90031

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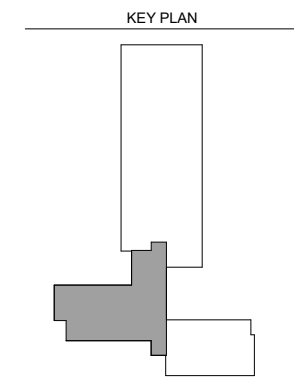
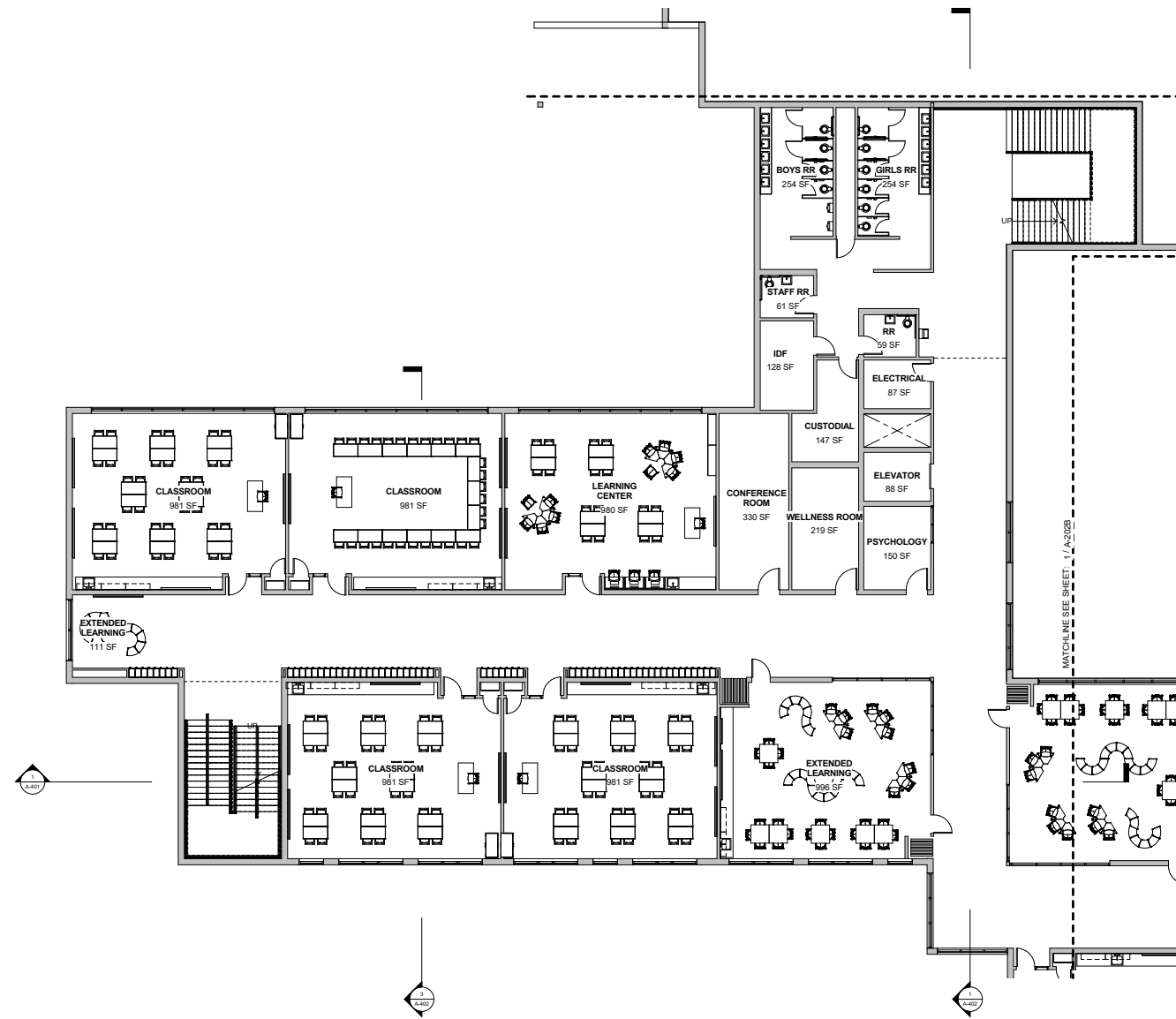
6.1 Drawings

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1 ENGLARED SECOND FLOOR PLAN - WEST LEARNING SUITES
 1/8" = 1'-0"



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SCHEMATIC DESIGN PROGRESS SET SECOND FLOOR - WEST LEARNING SUITES

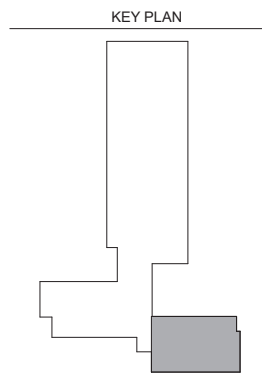
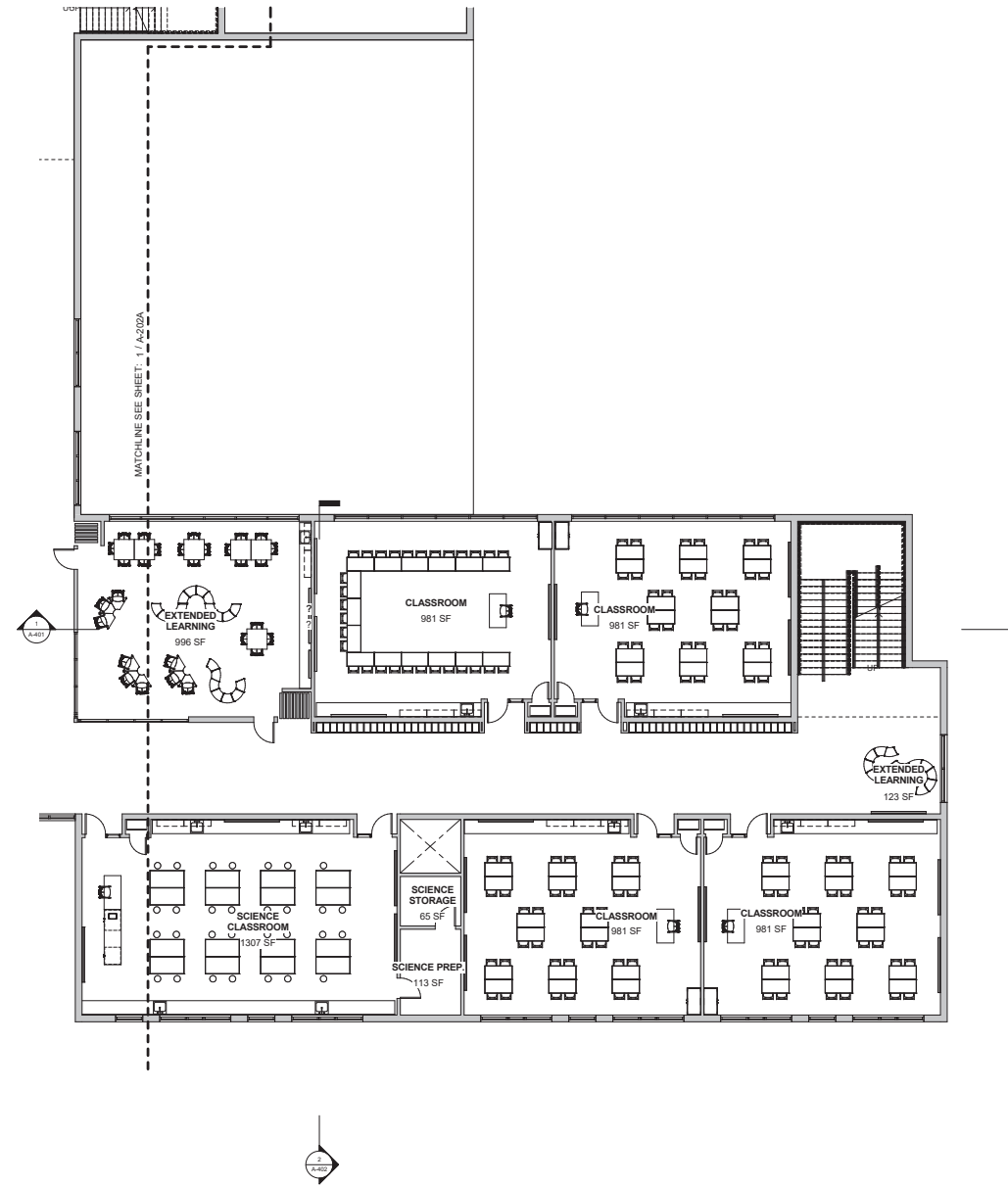
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A-202A

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1 ENGLARED SECOND FLOOR PLAN - EAST LEARNING SUITES
 1/8" = 1'-0"



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SCHEMATIC DESIGN PROGRESS SET SECOND FLOOR - EAST LEARNING SUITES

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A-202B

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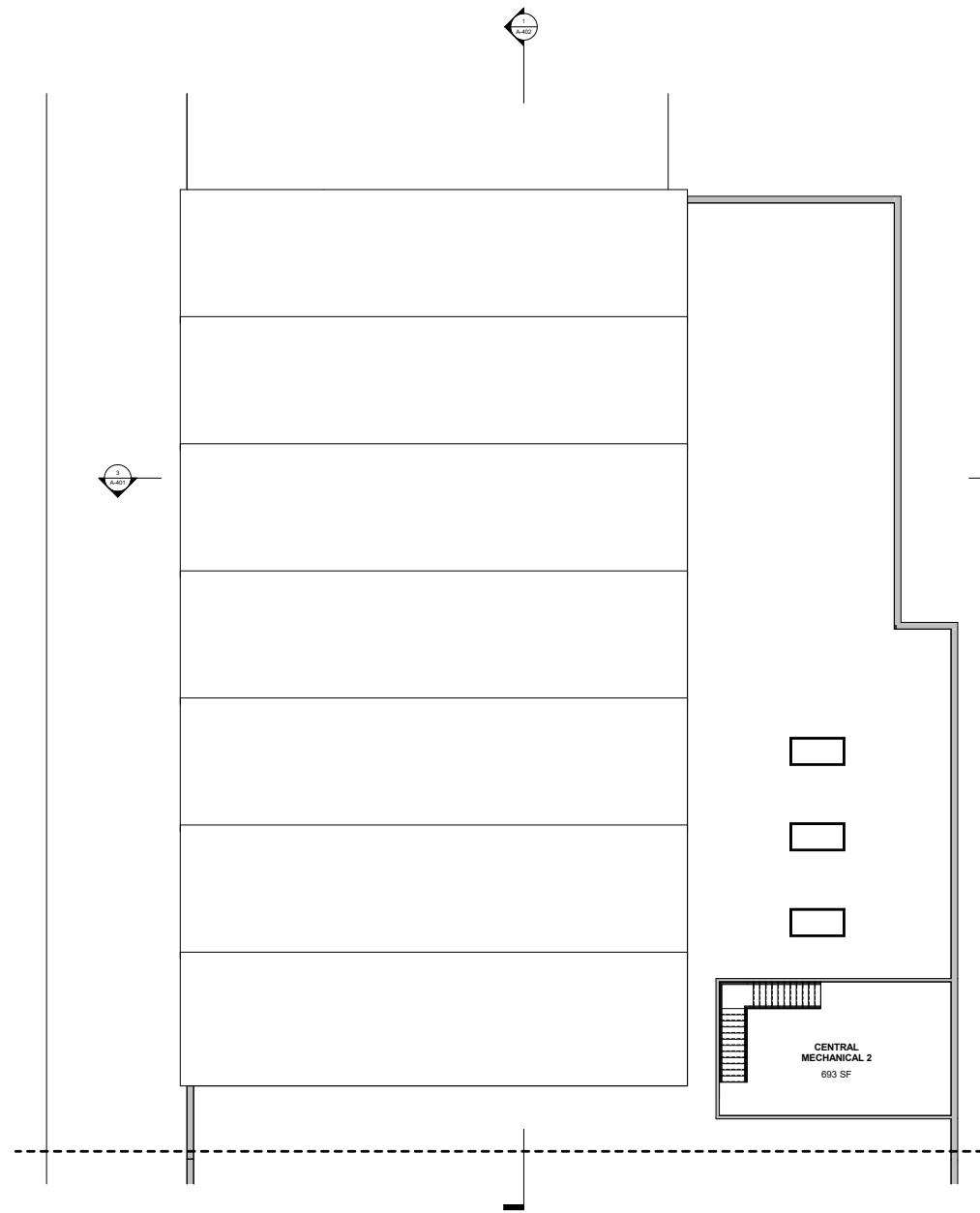
6.1 Drawings

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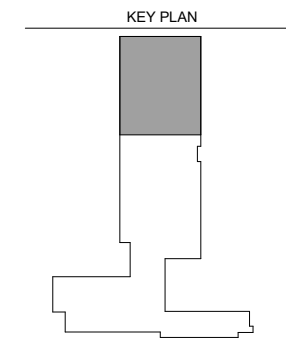
APPENDIX
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① ENLARGED SECOND FLOOR PLAN - GYM
 1/8" = 1'-0"



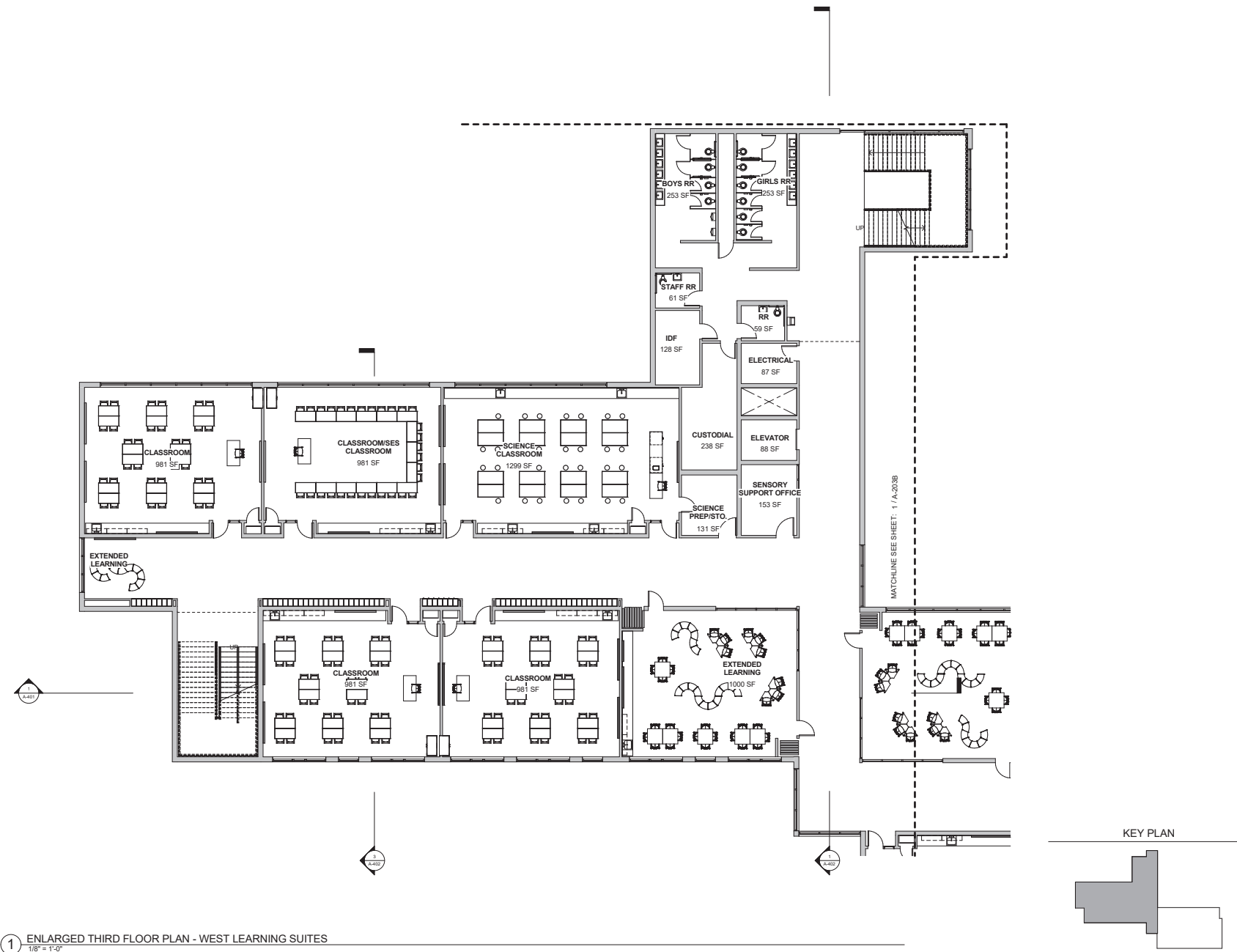
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 SECOND FLOOR - GYM
 Project # 90031



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THIRD FLOOR - WEST LEARNING SUITES

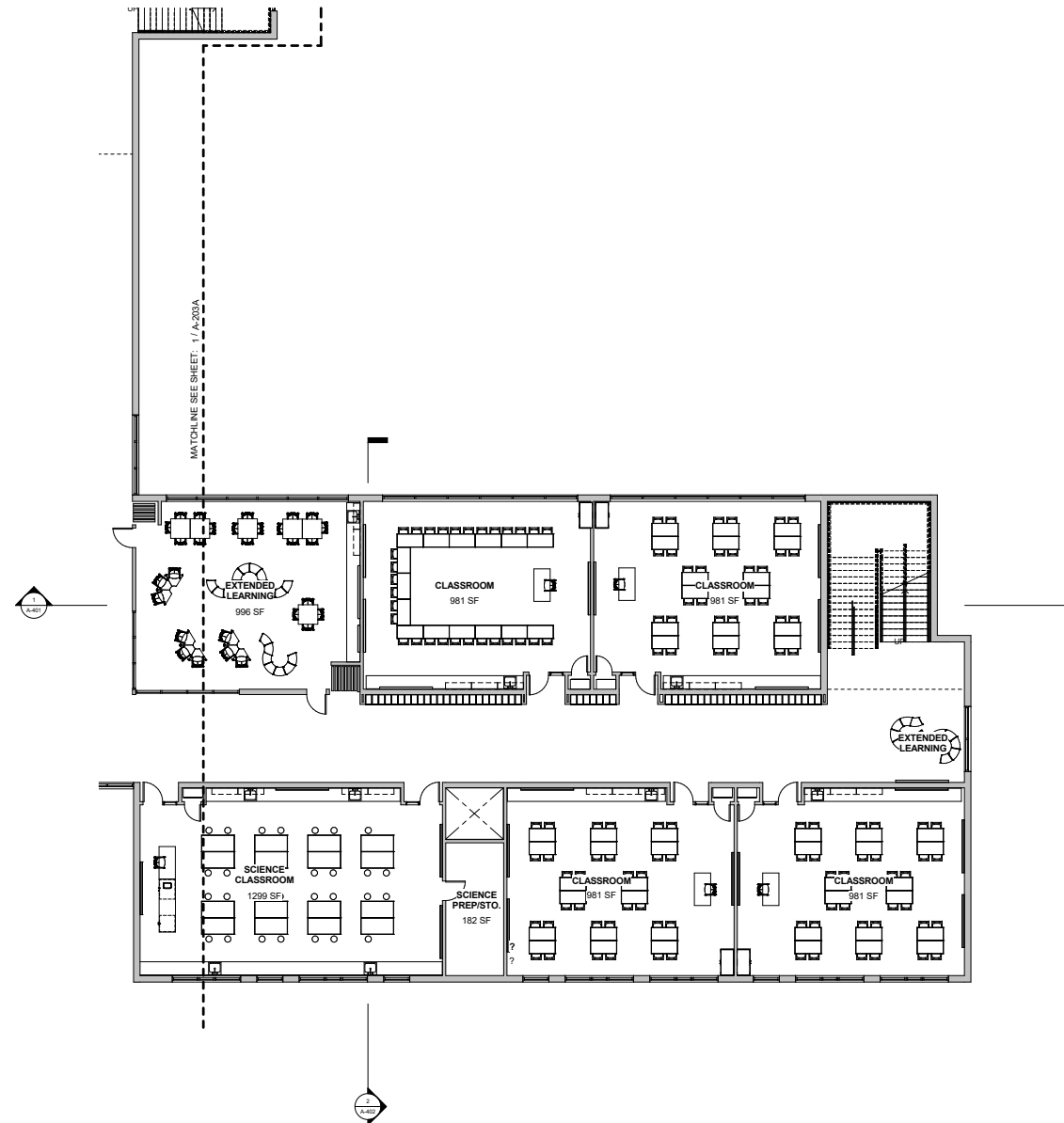
Project # 90031

6.1 Drawings

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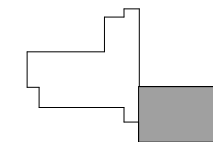


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1 ENLARGED THIRD FLOOR PLAN - EAST LEARNING SUITES
 1/8" = 1'-0"

KEY PLAN



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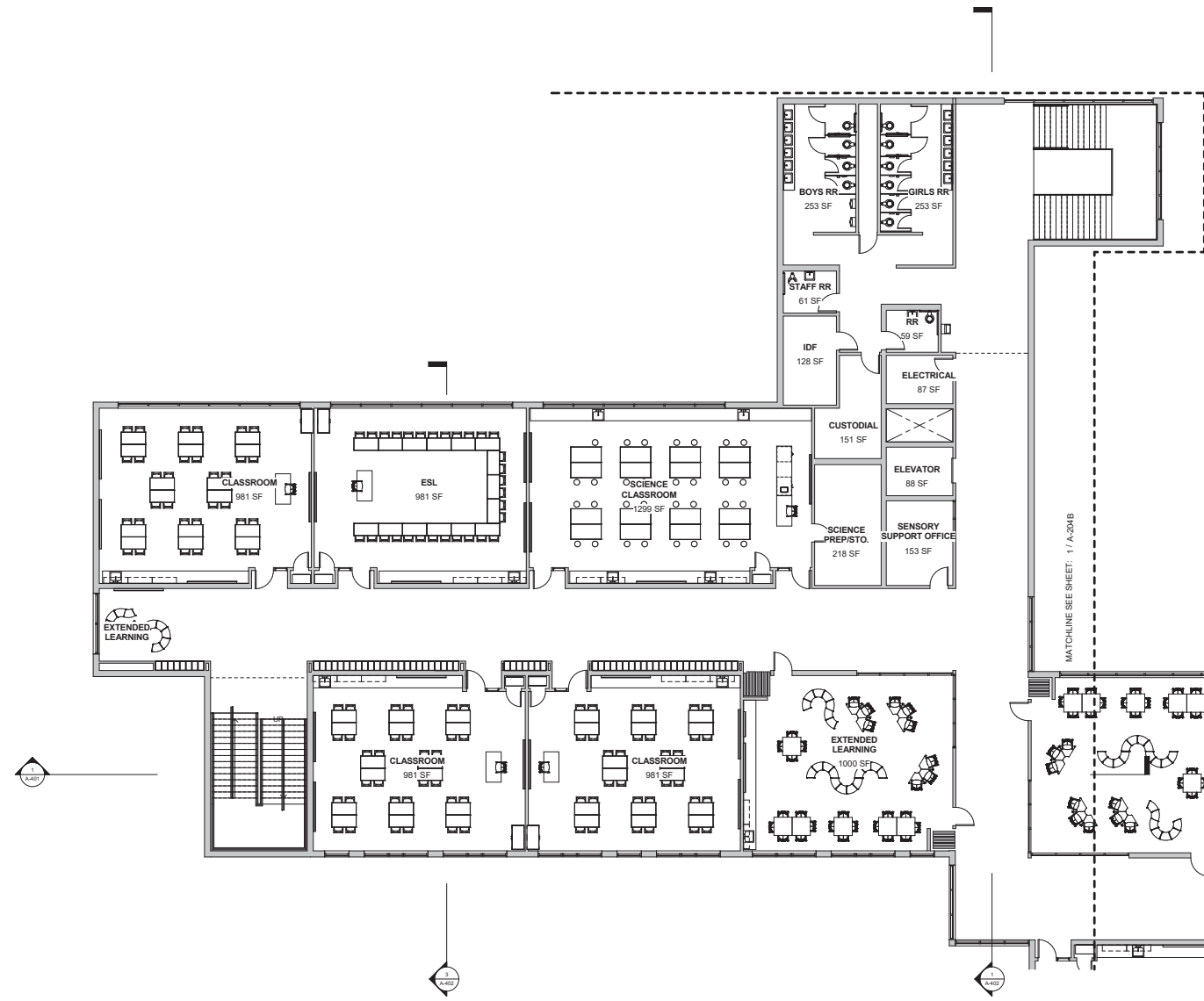
A-203B

THIRD FLOOR - EAST LEARNING SUITES

Project # 90031



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1 ENLARGED FOURTH FLOOR PLAN - WEST LEARNING SUITES
 1/8" = 1'-0"



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SCHEMATIC DESIGN PROGRESS SET FOURTH FLOOR - WEST LEARNING SUITES

DATE: 01/31/2018

A-204A

Project # 90031

6.1 Drawings

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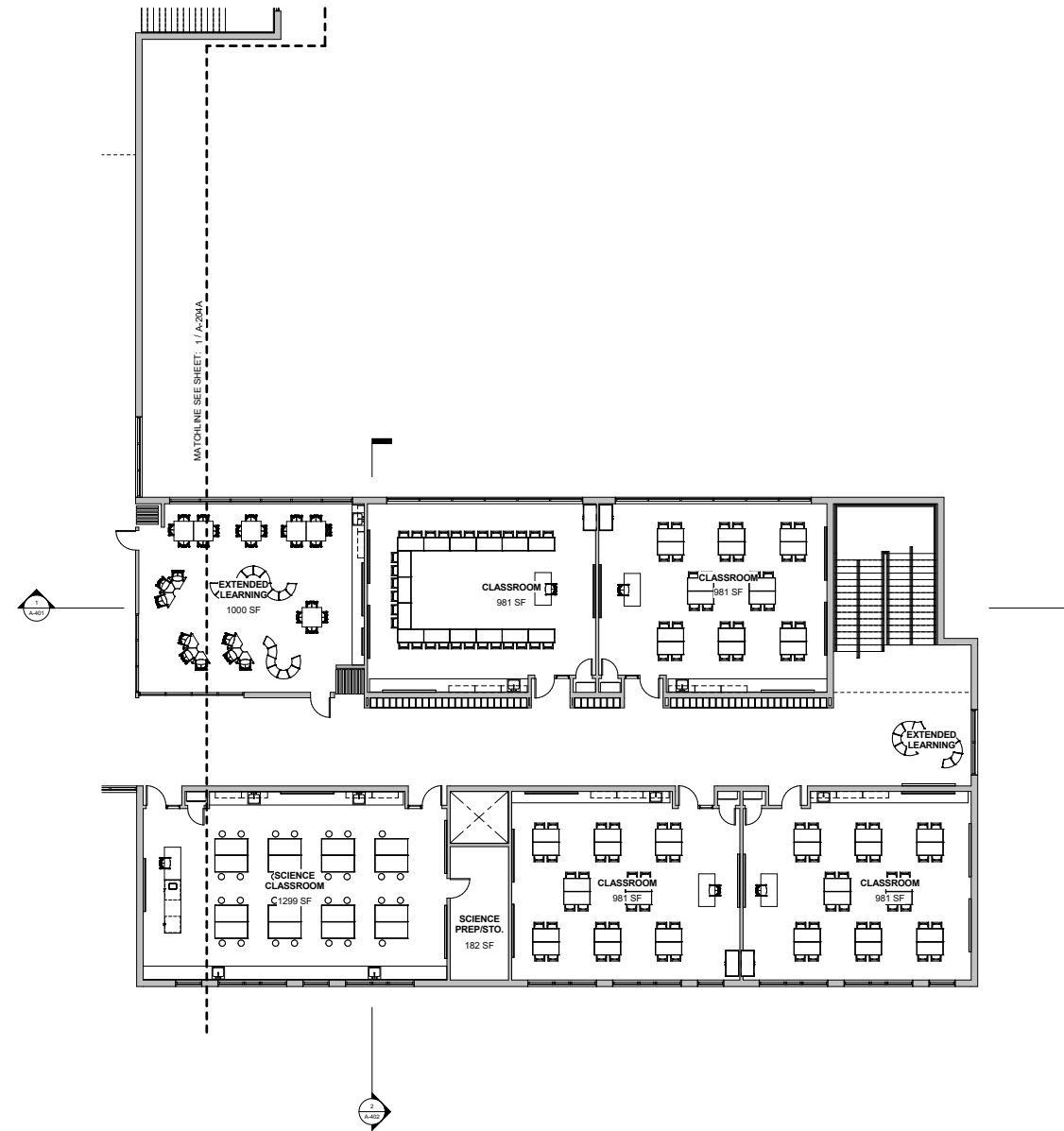
COST ESTIMATE
5

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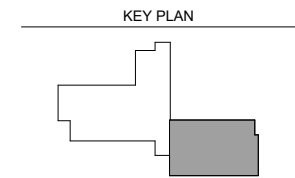
APPENDIX
7



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① ENLARGED FOURTH FLOOR PLAN - EAST LEARNING SUITES
 1/8" = 1'-0"



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SCHEMATIC DESIGN PROGRESS SET FOURTH FLOOR - EAST LEARNING SUITES

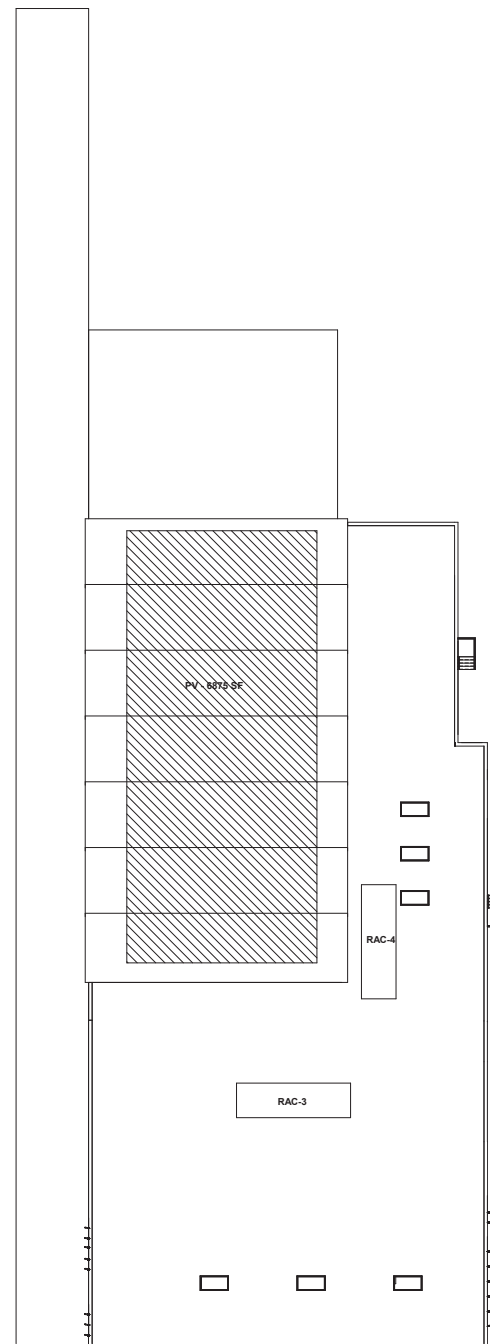
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1 ENLARGED ROOF PLAN - NORTH
 1/16" = 1'-0"



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 DATE: 01/31/2018

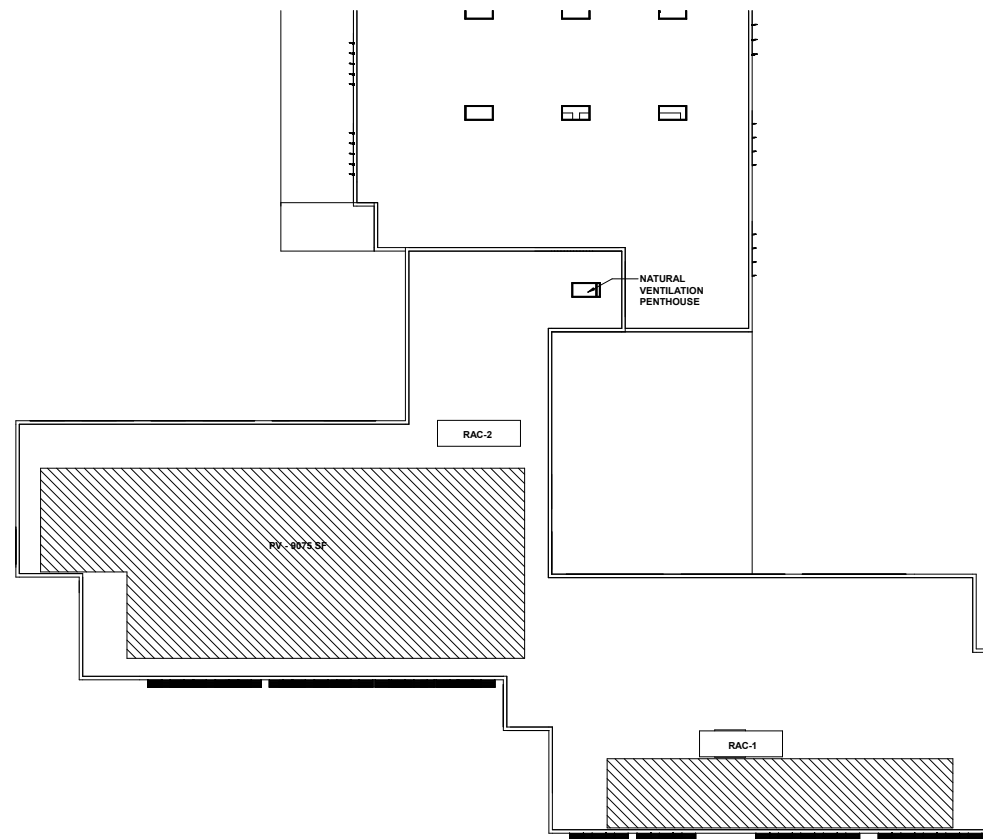
A-221A
ROOF PLAN - NORTH
 Project # 90031

6.1 Drawings

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1 ENLARGED ROOF PLAN - SOUTH
 1/16" = 1'-0"

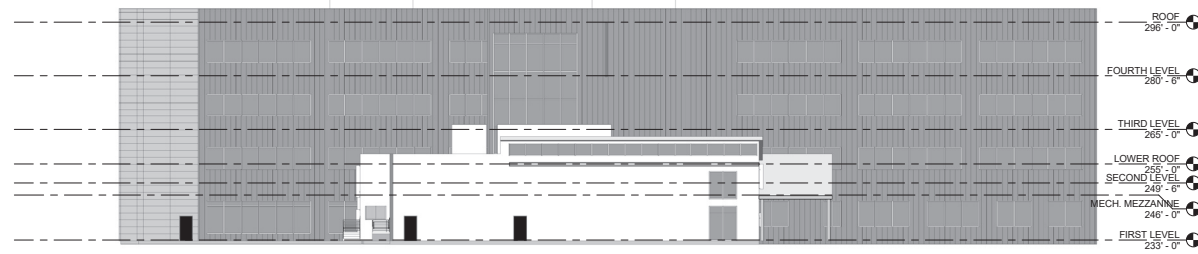


KELLOGG MIDDLE SCHOOL
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 SCHEMATIC DESIGN PROGRESS SET
 DATE: 01/31/2018

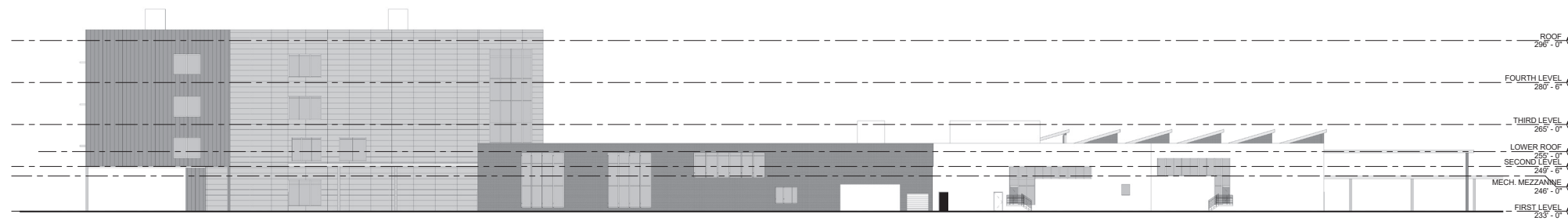
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 ROOF PLAN - SOUTH
 Project # 90031



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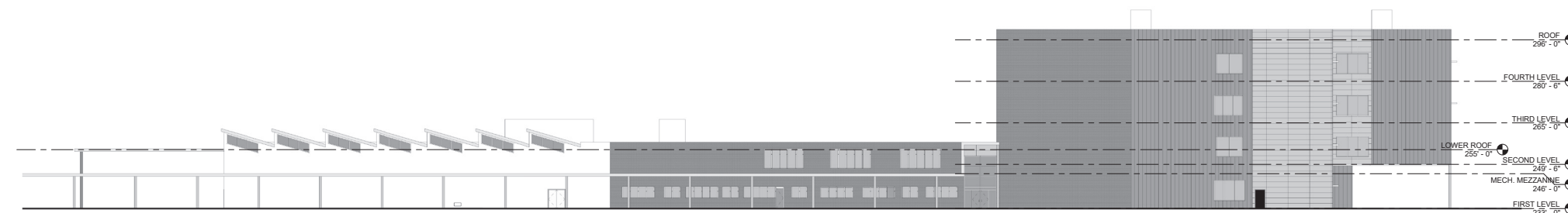
1 NORTH ELEVATION
 1/16" = 1'-0"



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



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



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



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KELLOGG MIDDLE SCHOOL

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DATE: 01/31/2018

A-301

EXTERIOR ELEVATIONS

Project # 90031

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 1

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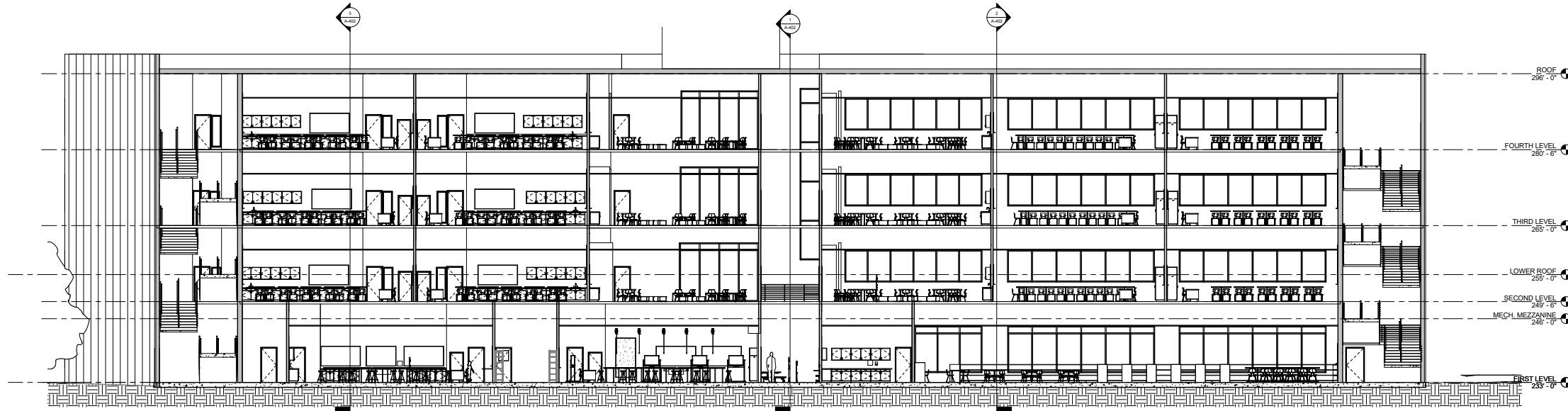
6.1 Drawings

DRAWINGS
 6

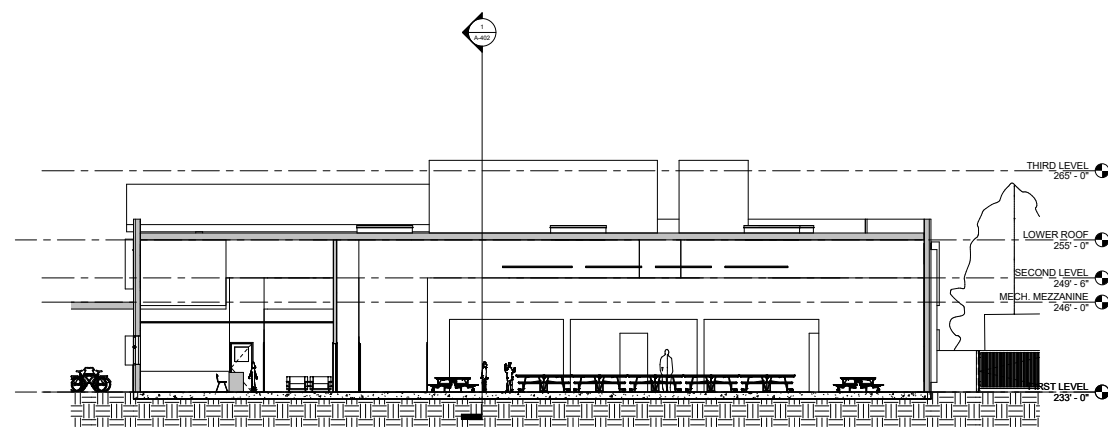
APPENDIX
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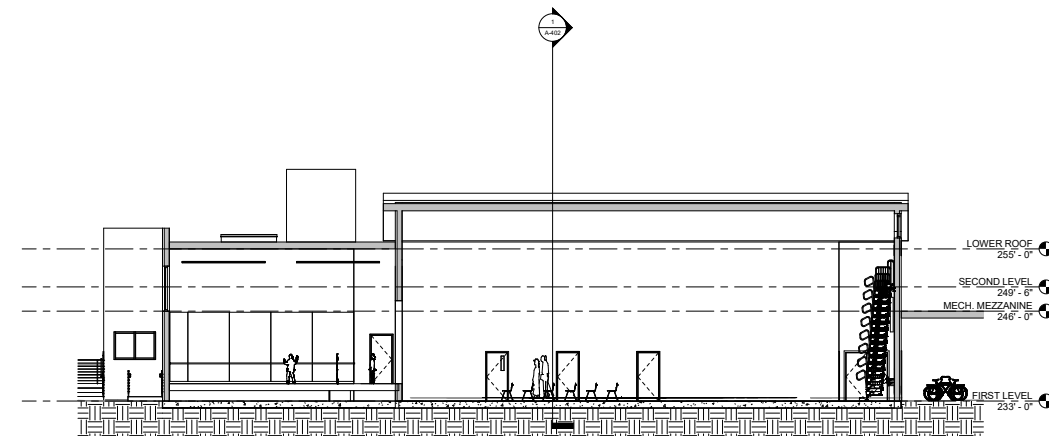
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1 E-W SECTION THROUGH LEARNING SUITES LOOKING NORTH
 1/8" = 1'-0"



2 E-W SECTION @ COMMONS
 1/8" = 1'-0"



3 E-W SECTION AT GYM LOOKING SOUTH
 1/8" = 1'-0"

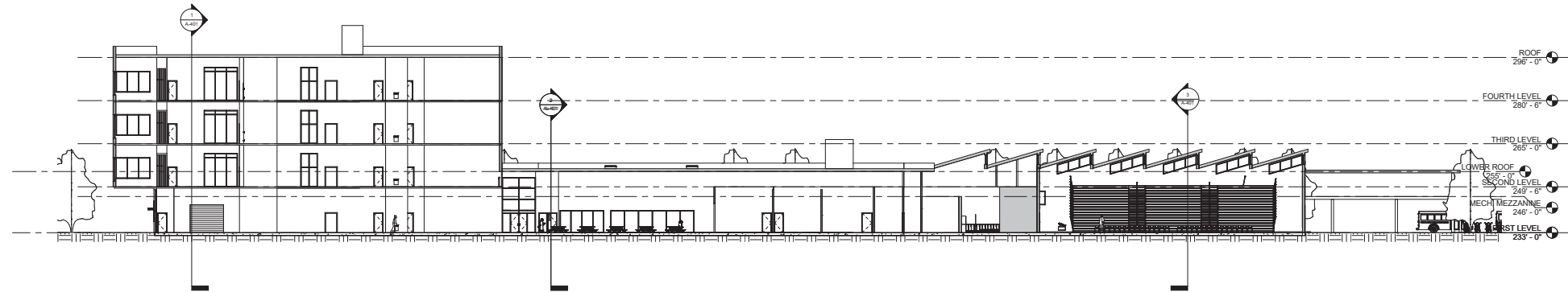


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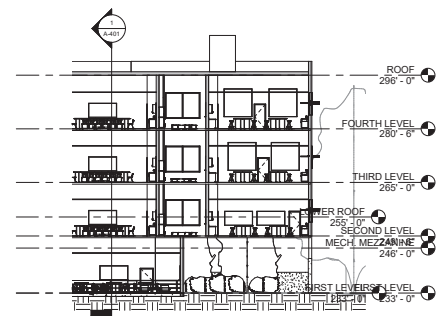
A-401
BUILDING SECTIONS
 Project # 90031



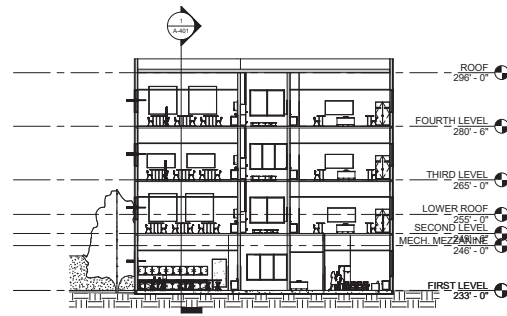
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1 N-S SECTION THROUGH BUILDING LOOKING WEST
 1/16" = 1'-0"



2 N-S BUILDING SECTION AT LEARNING SUITES LOOKING EAST
 1/16" = 1'-0"



3 N-S SECTION AT LEARNING SUITES LOOKING WEST
 1/16" = 1'-0"



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DATE: 01/31/2018

A-402

BUILDING SECTIONS

Project # 90031

6.1 Drawings

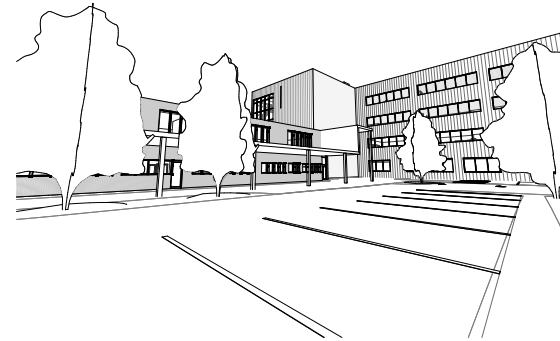
GENERAL INFORMATION	1
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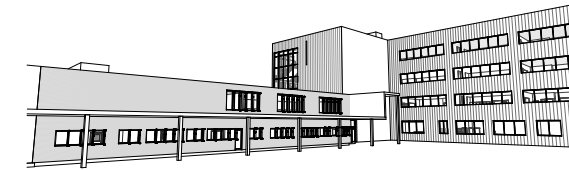
Copyright 2018 Oh planning + design, architecture



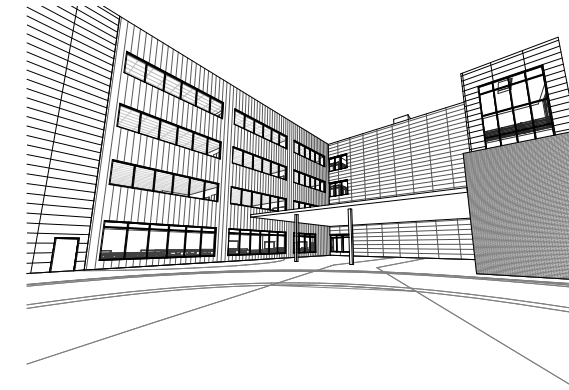
③ OUTDOOR LEARNING LOOKING SOUTH



② EXTERIOR PARKING LOT



① ENTRY - EXTERIOR



④ OUTDOOR LEARNING COVERED AREA



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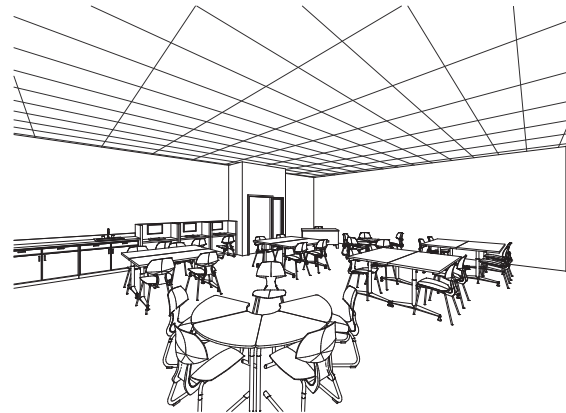
A-901

3D VIEWS - EXTERIOR

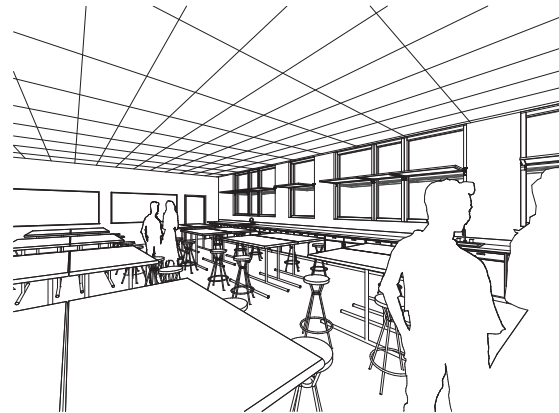
Project # 90031



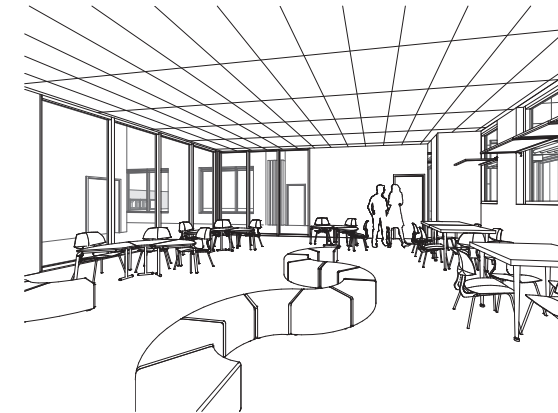
Copyright 2018 Oh planning + design, architecture



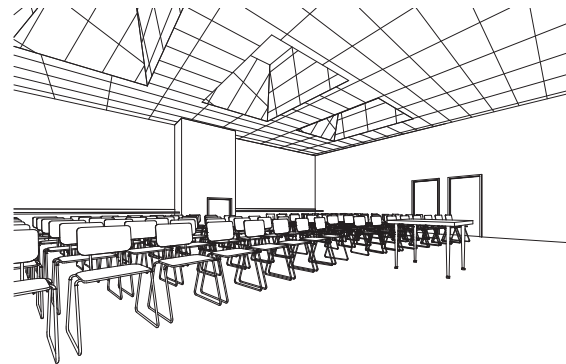
3 SPED INTENSIVE SKILLS



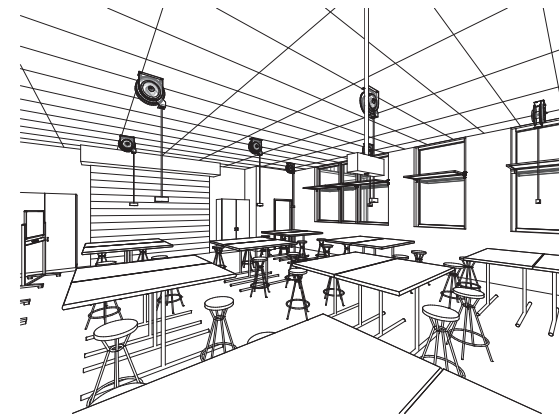
2 SCIENCE



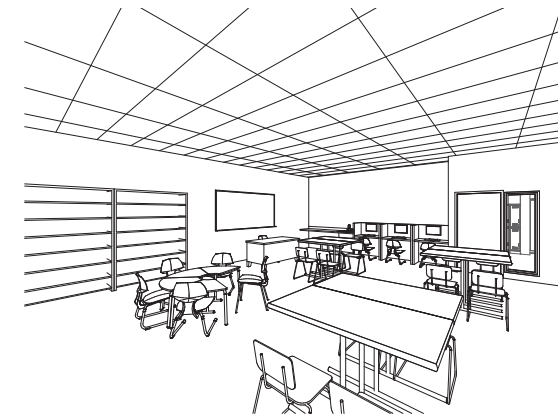
1 EXTENDED LEARNING INTERIOR



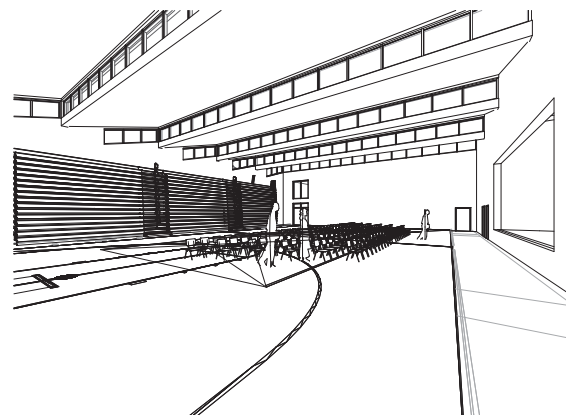
6 MUSIC



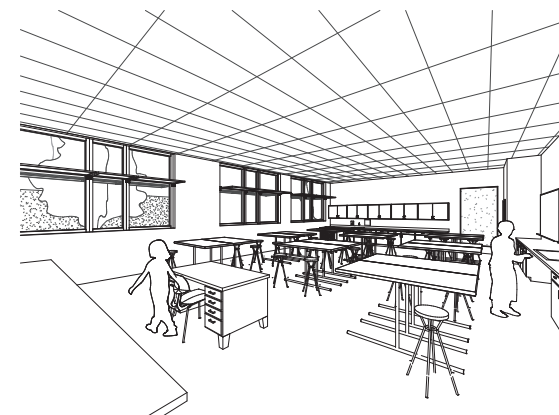
5 STEAM



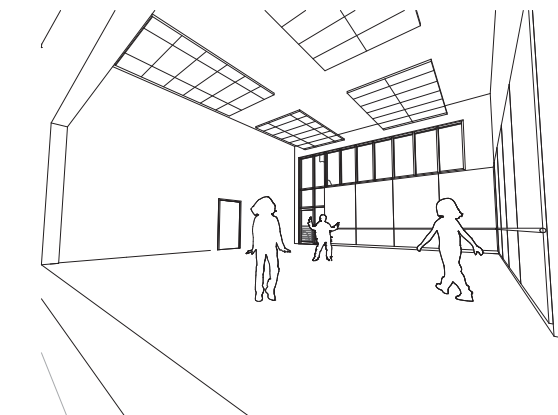
4 SPED LEARNING CENTER



9 GYM - VIEW TO BLEACHERS



8 ART



7 DANCE



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A-902

3D VIEWS - INTERIOR

Project # 90031

6.1 Drawings

GENERAL INFORMATION
1

BASIS OF DESIGN
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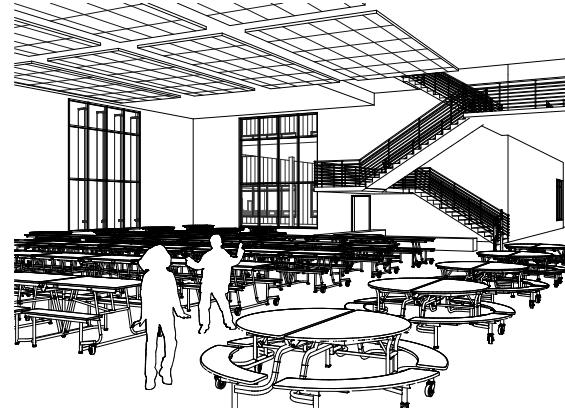
COST ESTIMATE
5

DRAWINGS
6

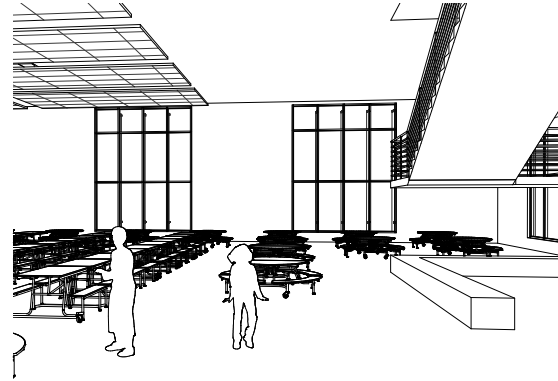
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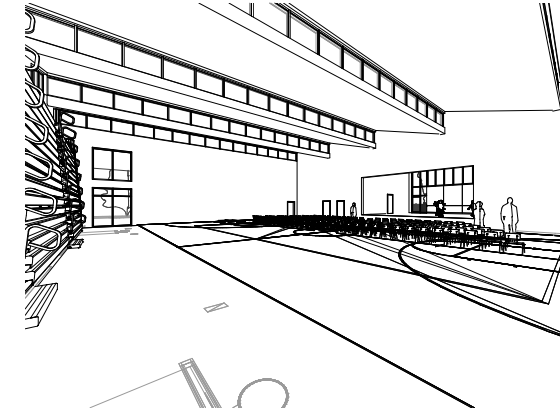
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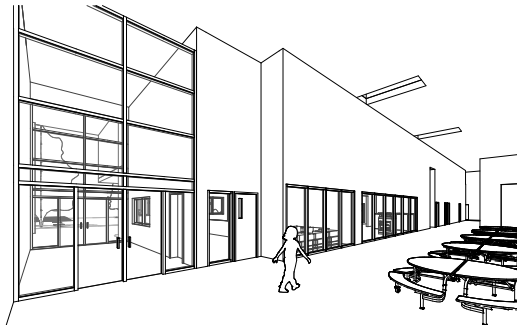
3 COMMONS 2



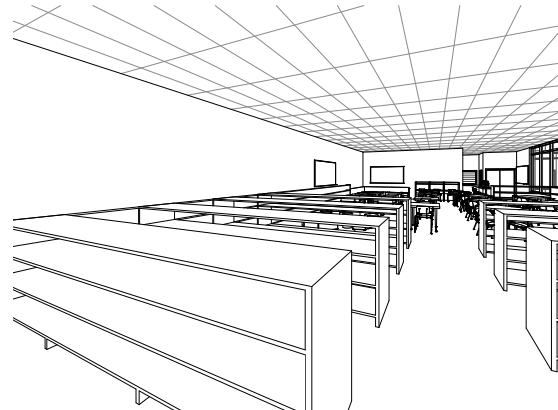
2 COMMONS 1



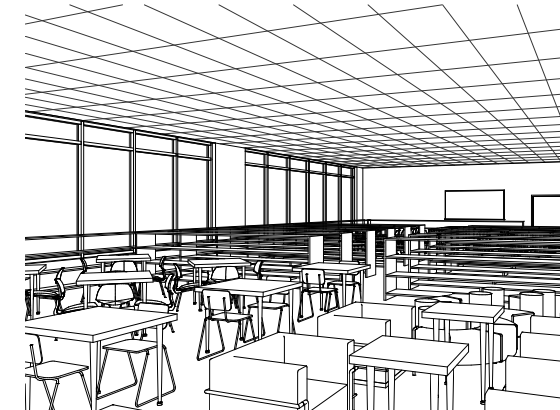
1 GYM - ON BLEACHERS



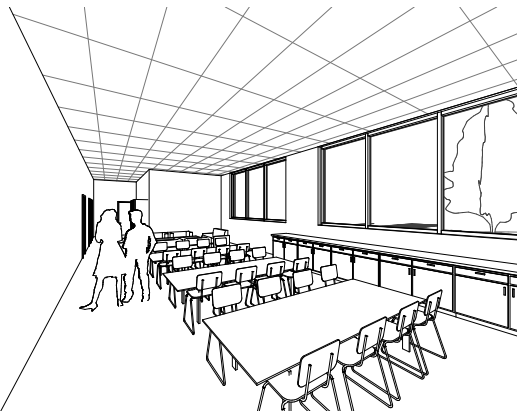
6 ADMIN ENTRY



5 MEDIA CENTER 2



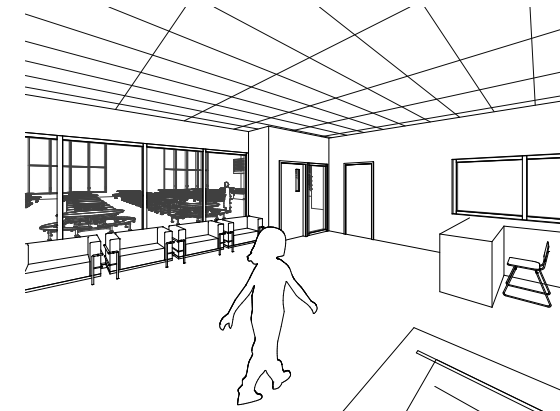
4 MEDIA CENTER 1



9 COMMUNITY 2



8 COMMUNITY 1



7 ADMIN RECEPTION



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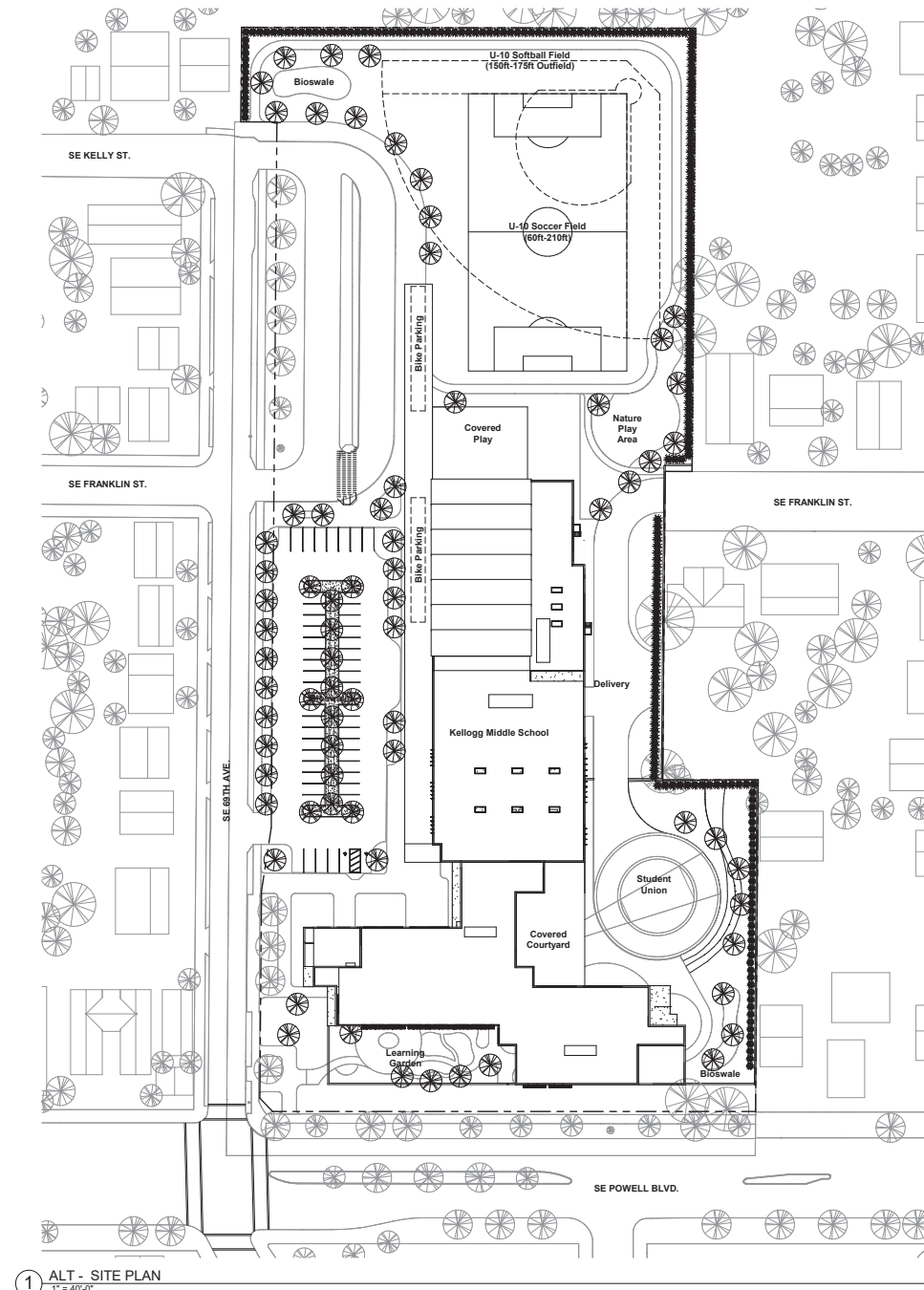
A-903

3D VIEWS - INTERIOR

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1 ALT - SITE PLAN
 1" = 40'-0"



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DATE: 01/31/2018

Aa-101

ALT - OVERALL SITE PLAN

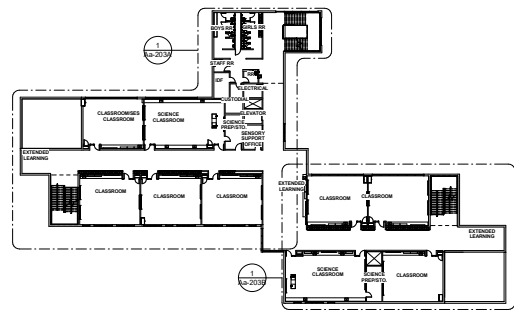
Project # 90031

6.1 Drawings

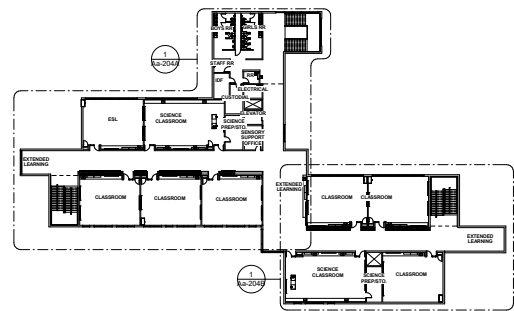
GENERAL INFORMATION	1
BASIS OF DESIGN	2
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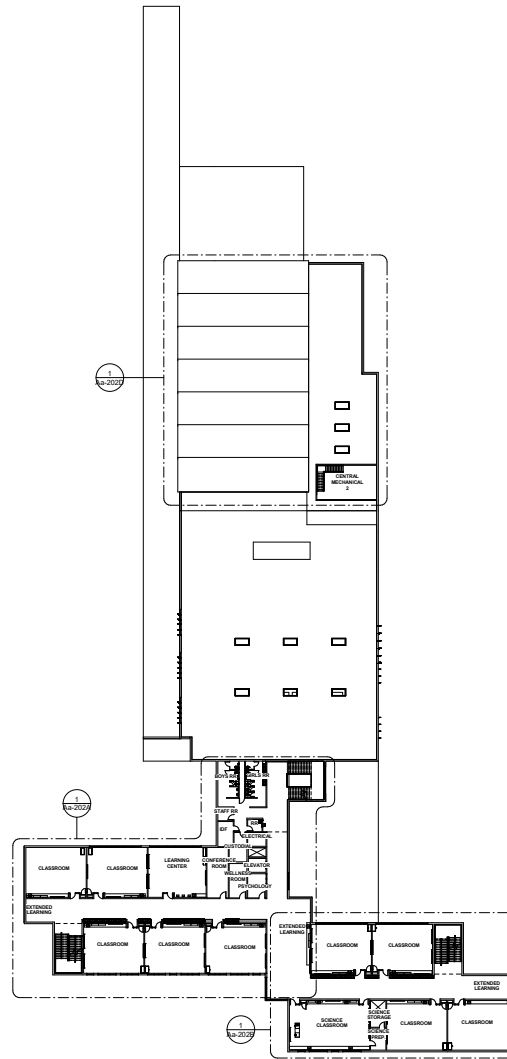
Copyright 2018 Oh planning + design, architecture



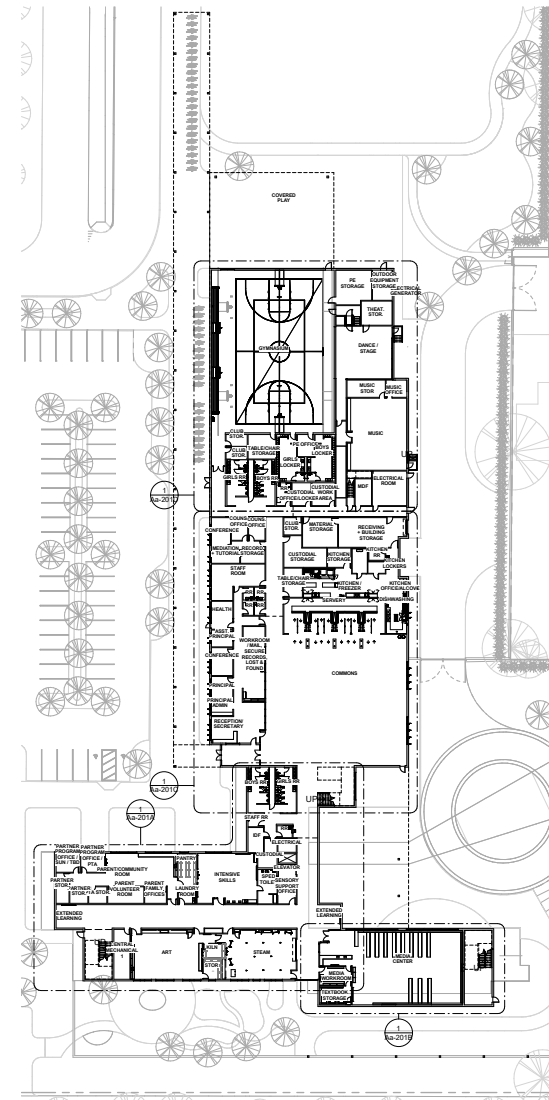
3 ALT - OVERALL THIRD FLOOR PLAN
 1/32" = 1'-0"



4 ALT - OVERALL FOURTH FLOOR PLAN
 1/32" = 1'-0"



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



1 ALT - OVERALL FIRST FLOOR PLAN
 1/32" = 1'-0"



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SCHEMATIC DESIGN PROGRESS SET

DATE: 01/31/2018

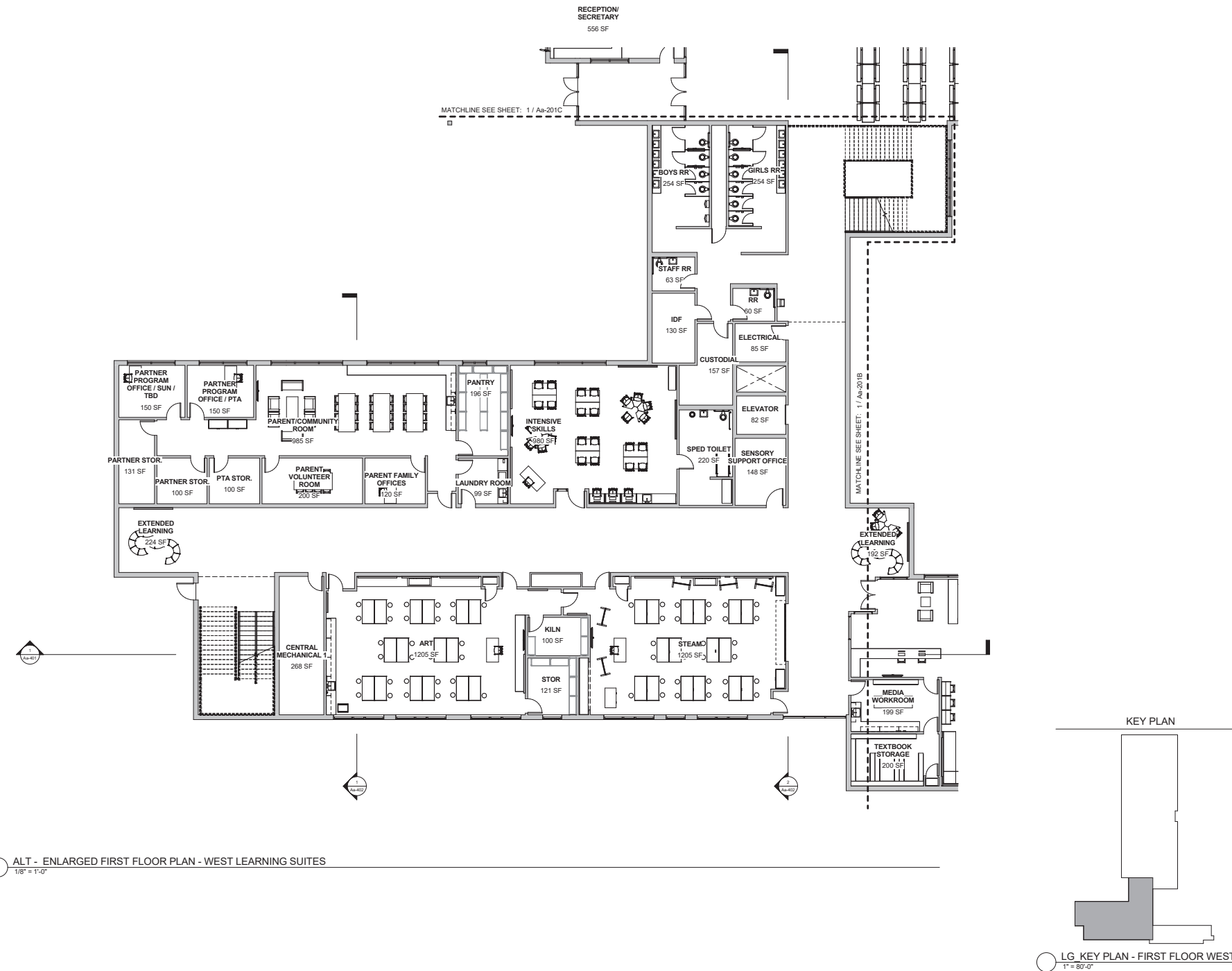
Aa-201

ALT - OVERALL FLOOR PLANS

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1 ALT - ENLARGED FIRST FLOOR PLAN - WEST LEARNING SUITES
 1/8" = 1'-0"



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SCHEMATIC DESIGN PROGRESS SET

DATE: 01/31/2018

ALT - FIRST FLOOR - WEST LEARNING SUITES

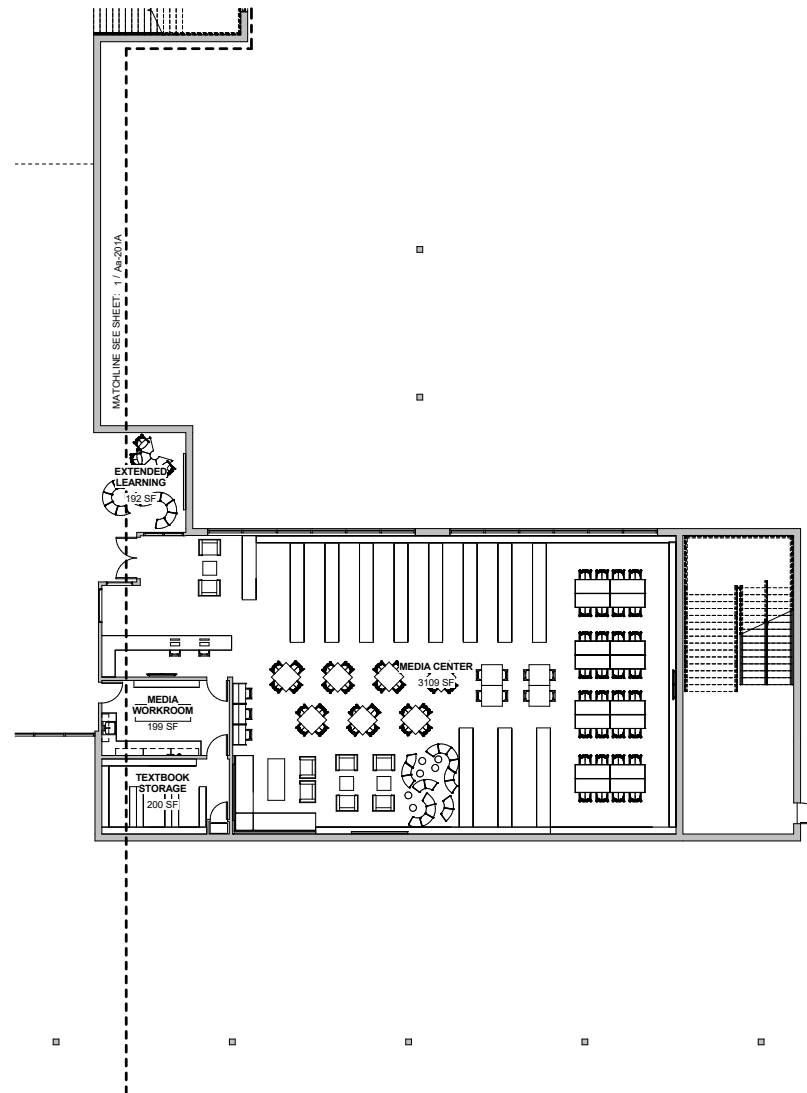
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6.1 Drawings

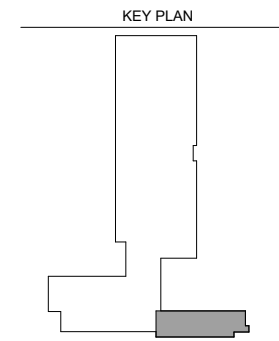
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1 ALT - ENLARGED FIRST FLOOR PLAN - EAST LEARNING SUITES
 1/8" = 1'-0"



LG KEY PLAN - FIRST FLOOR EAST
 1" = 80'-0"

Aa-201B

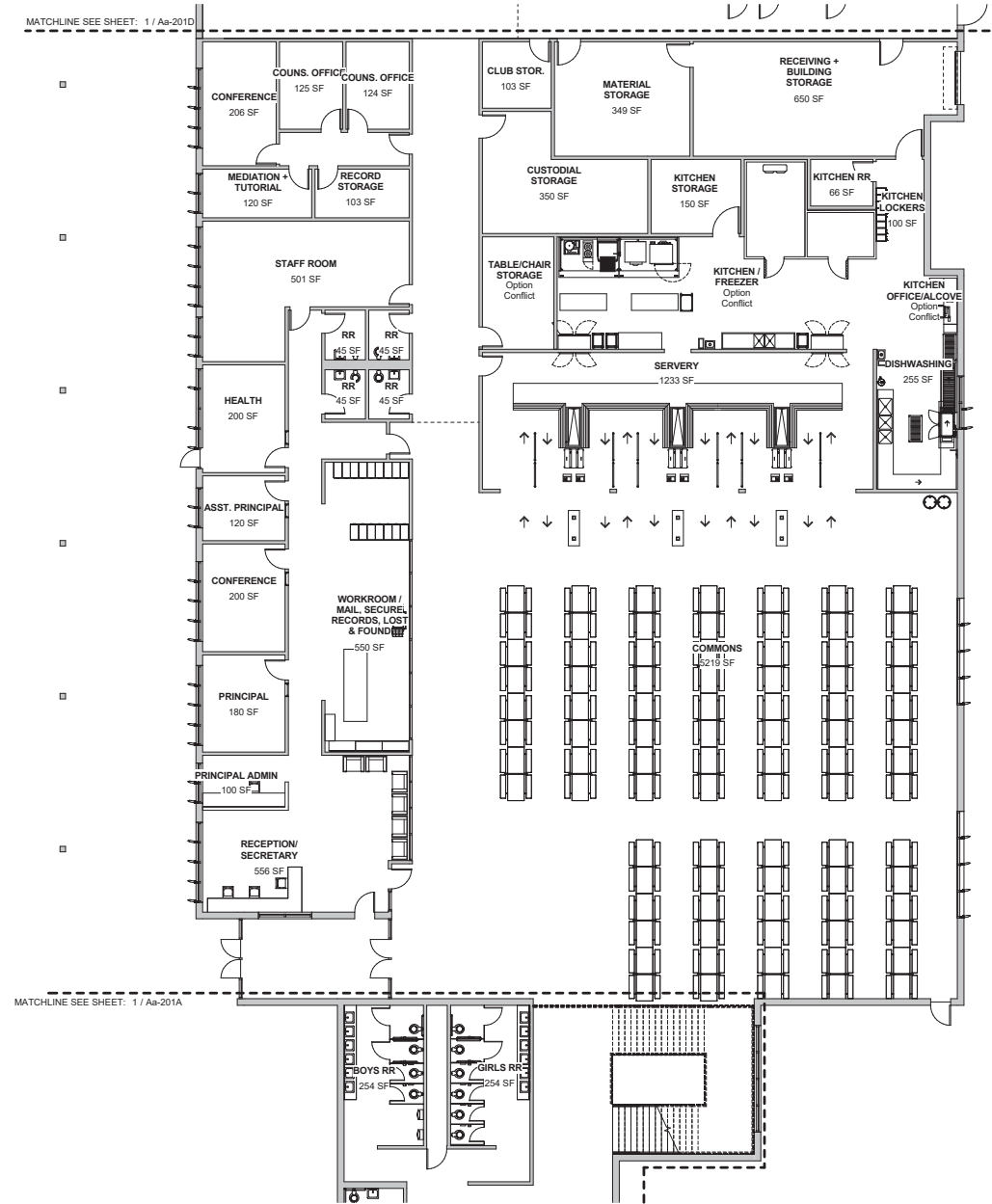
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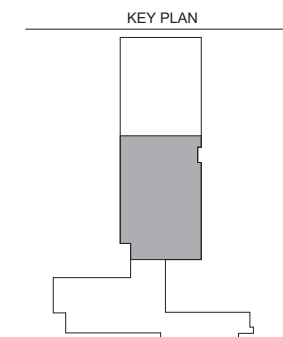




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1 ALT - ENLARGED FIRST FLOOR PLAN - COMMONS
 1/8" = 1'-0"



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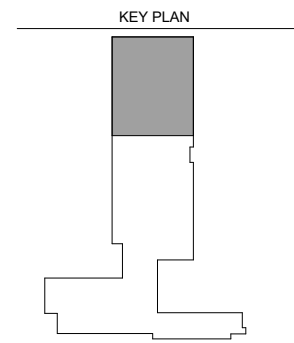
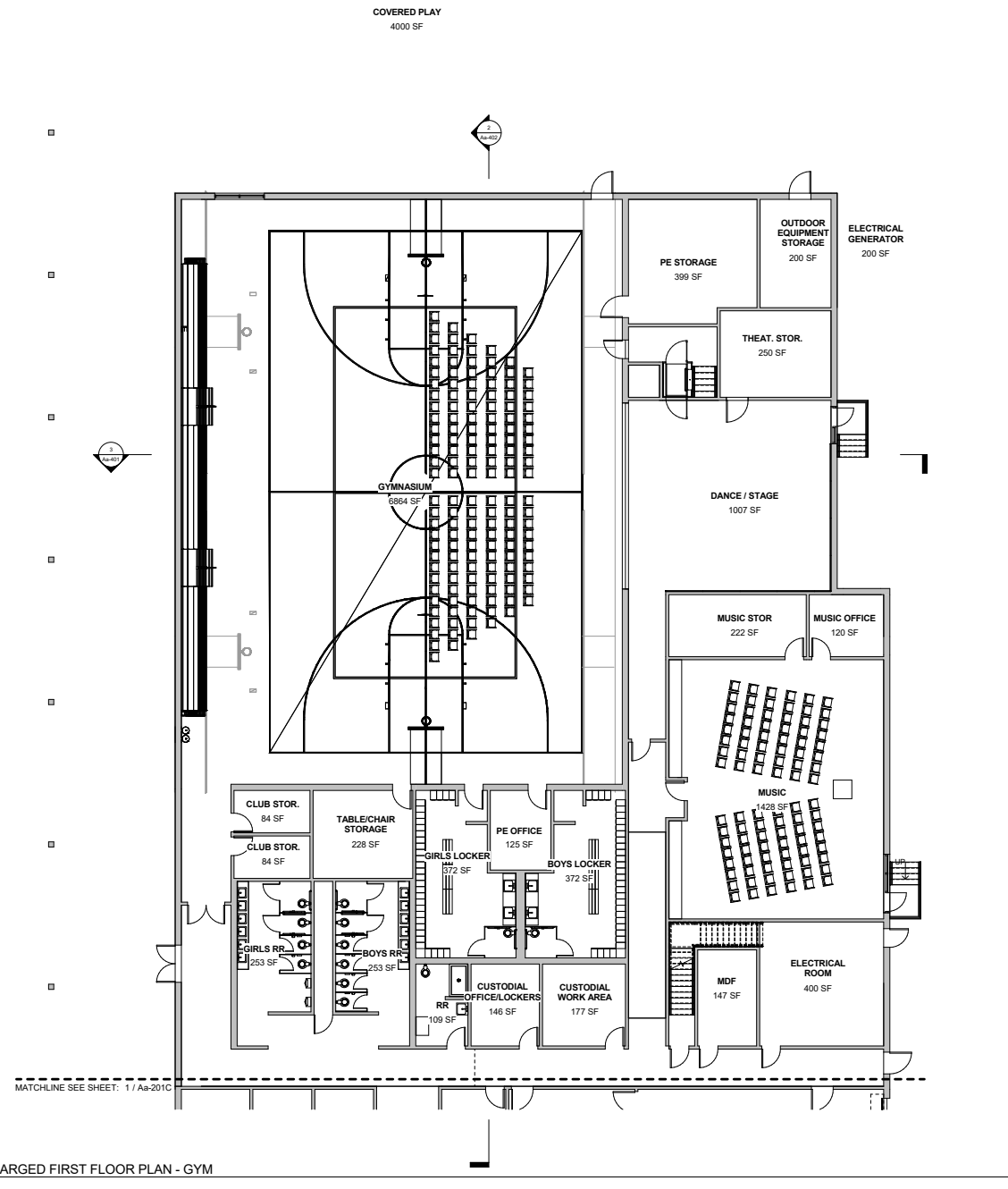
Aa-201C
 ALT - FIRST FLOOR - COMMONS
 Project # 90031

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6.1 Drawings



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1 ALT - ENLARGED FIRST FLOOR PLAN - GYM
 1/8" = 1'-0"

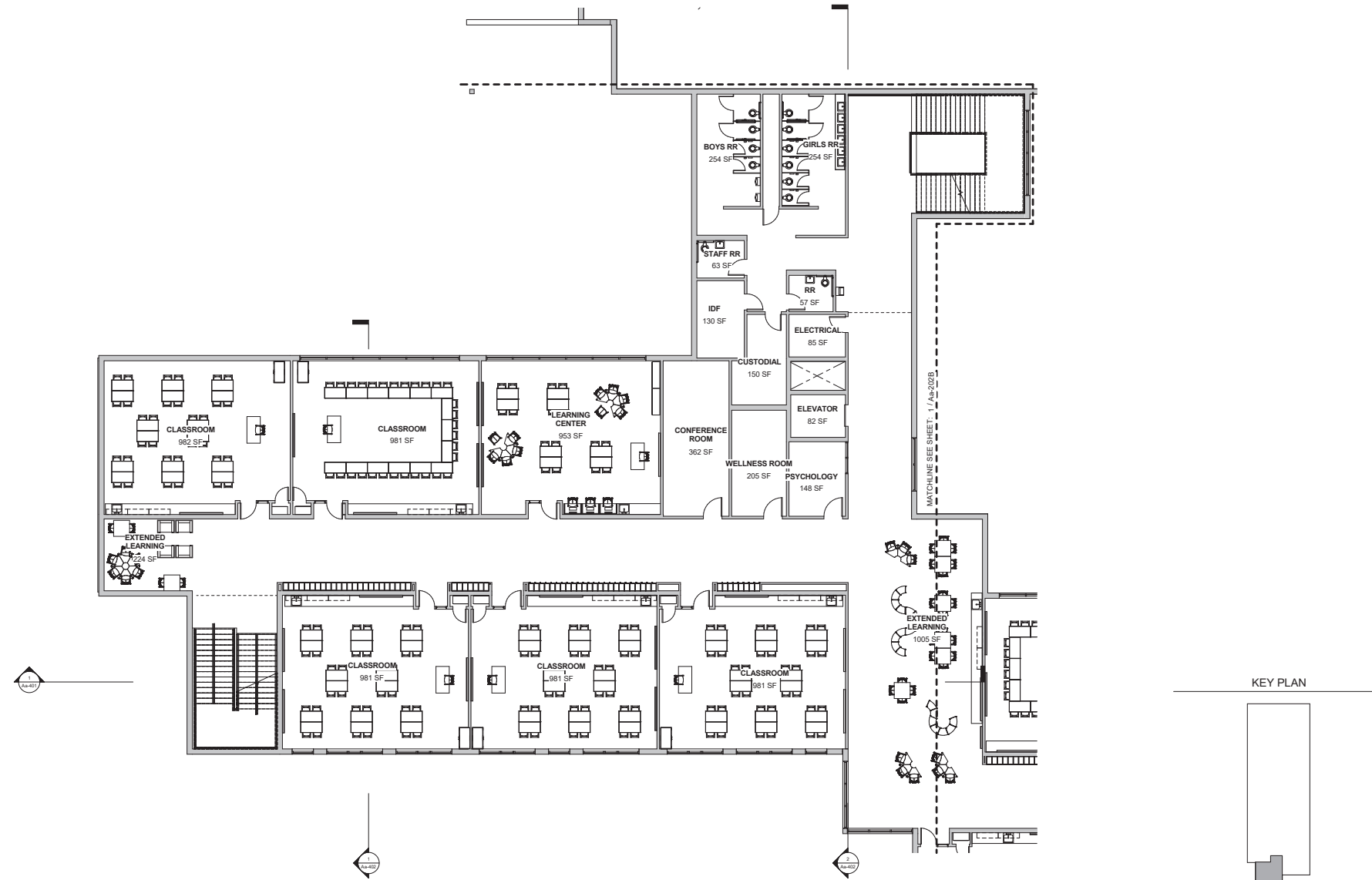


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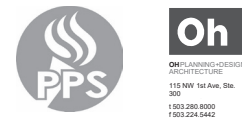
Aa-201D
 ALT - FIRST FLOOR - GYM
 Project # 90031



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1 ALT - ENGLARED SECOND FLOOR PLAN - WEST LEARNING SUITES
 1/8" = 1'-0"



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Aa-202A

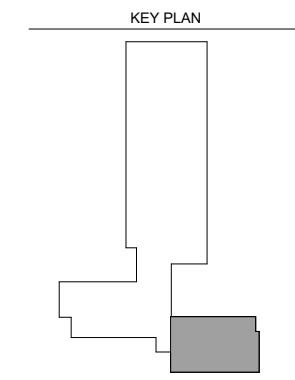
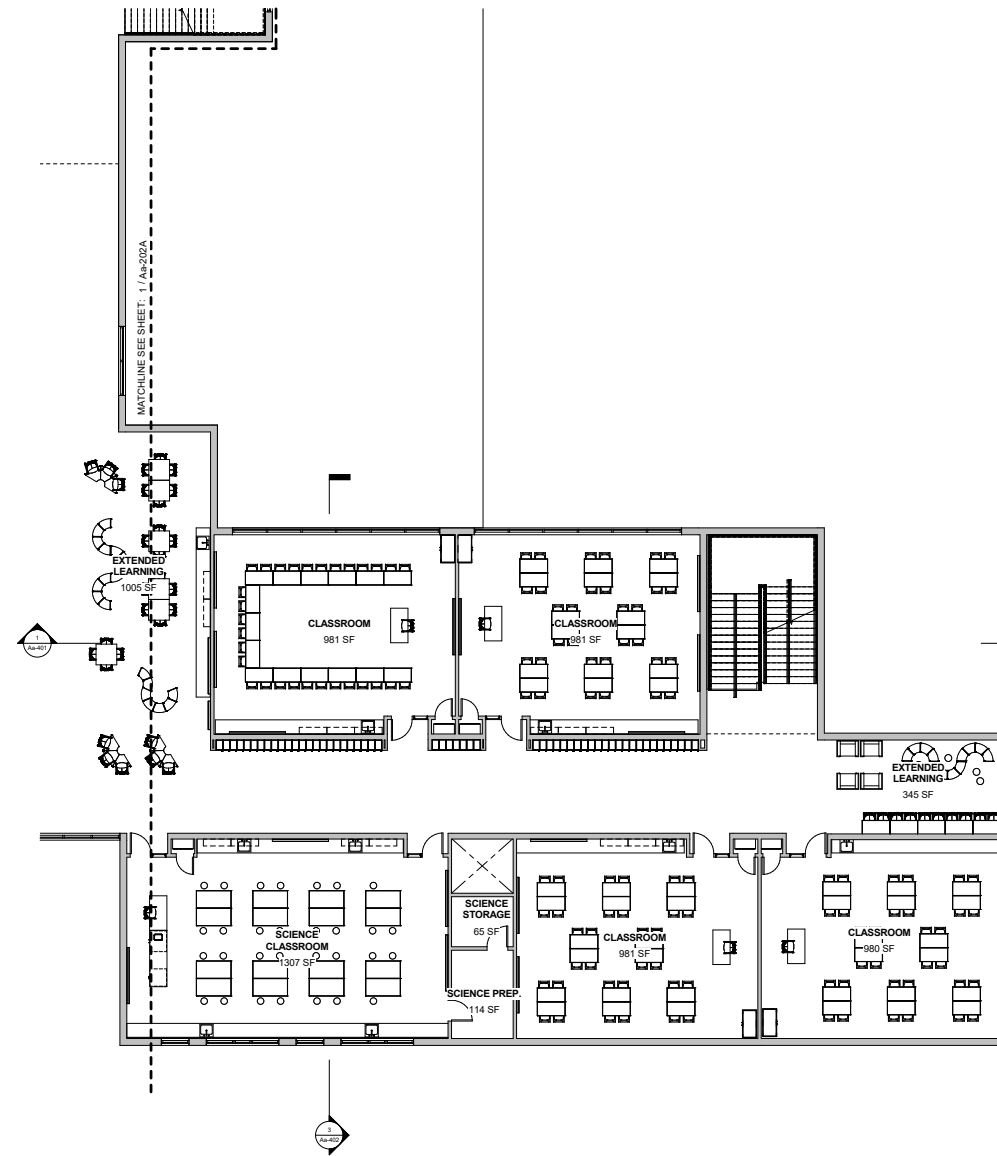
ALT - SECOND FLOOR - WEST LEARNING SUITES

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6.1 Drawings



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1 ALT - ENGLAND SECOND FLOOR PLAN - EAST LEARNING SUITES
 1/8" = 1'-0"



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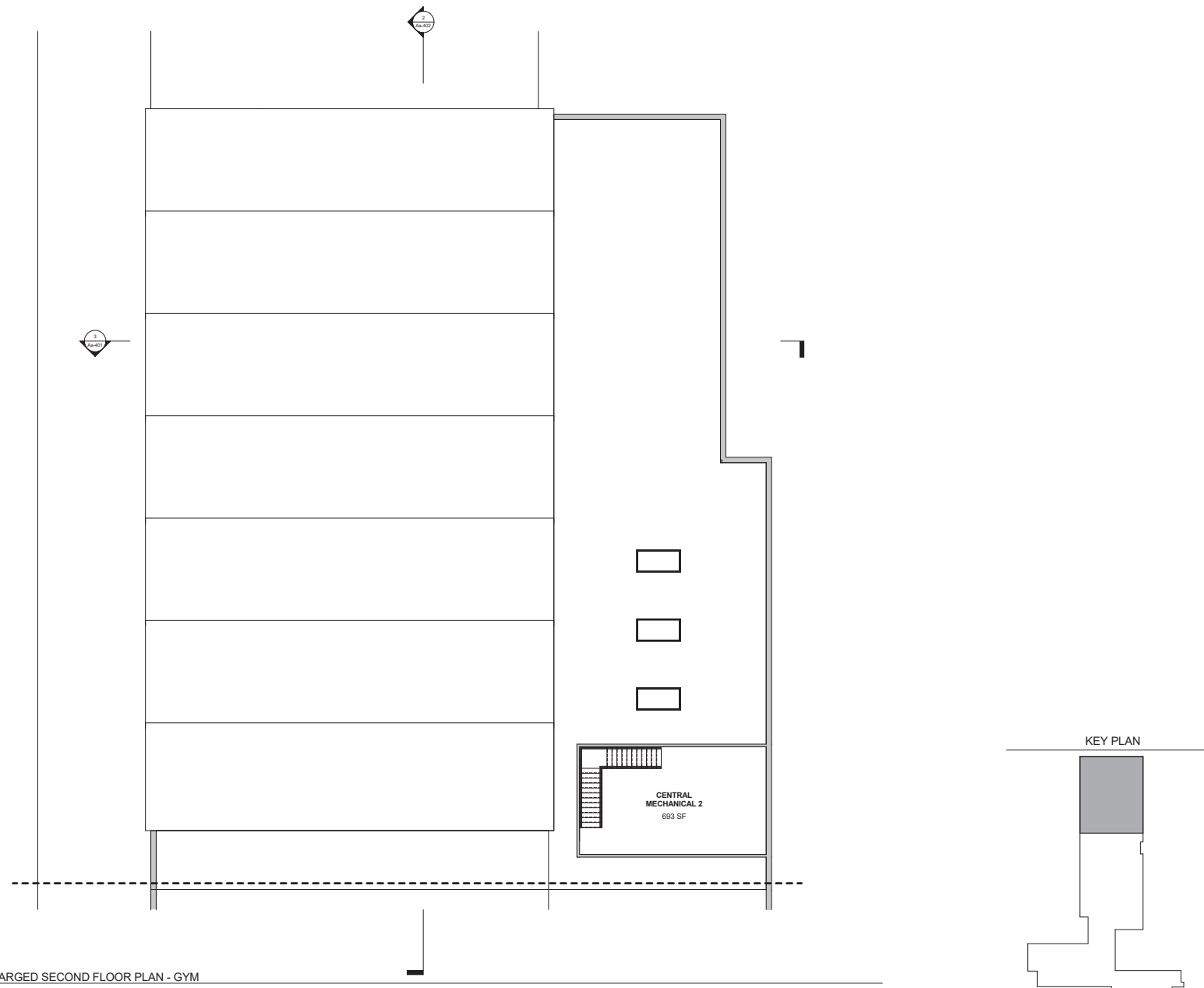
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Aa-202B

ALT - SECOND FLOOR - EAST LEARNING SUITES



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1 ALT - ENLARGED SECOND FLOOR PLAN - GYM
 1/8" = 1'-0"



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ALT - SECOND FLOOR - GYM

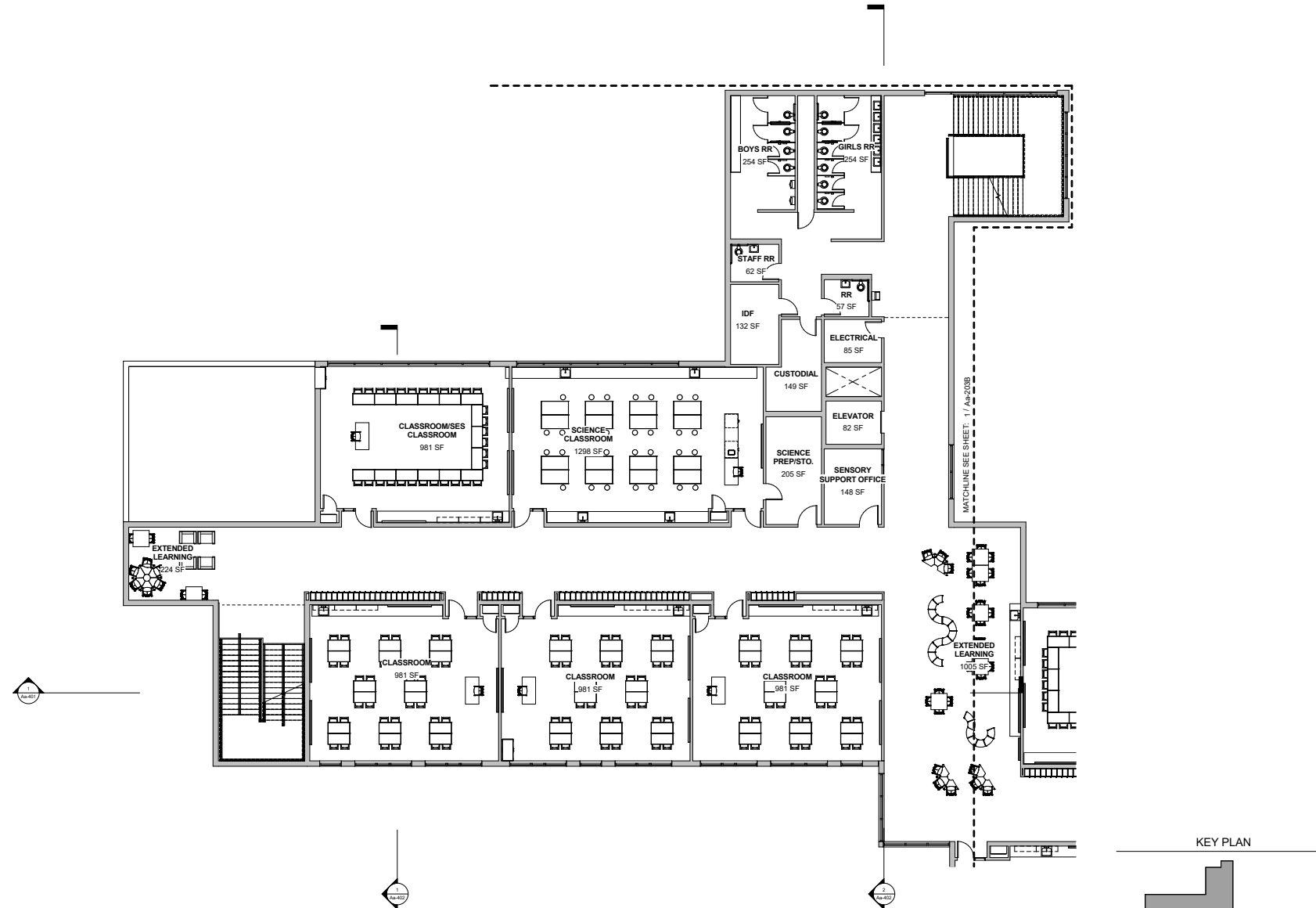
Project # 90031

6.1 Drawings

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1 ALT - ENLARGED THIRD FLOOR PLAN - WEST LEARNING SUITES
 1/8" = 1'-0"



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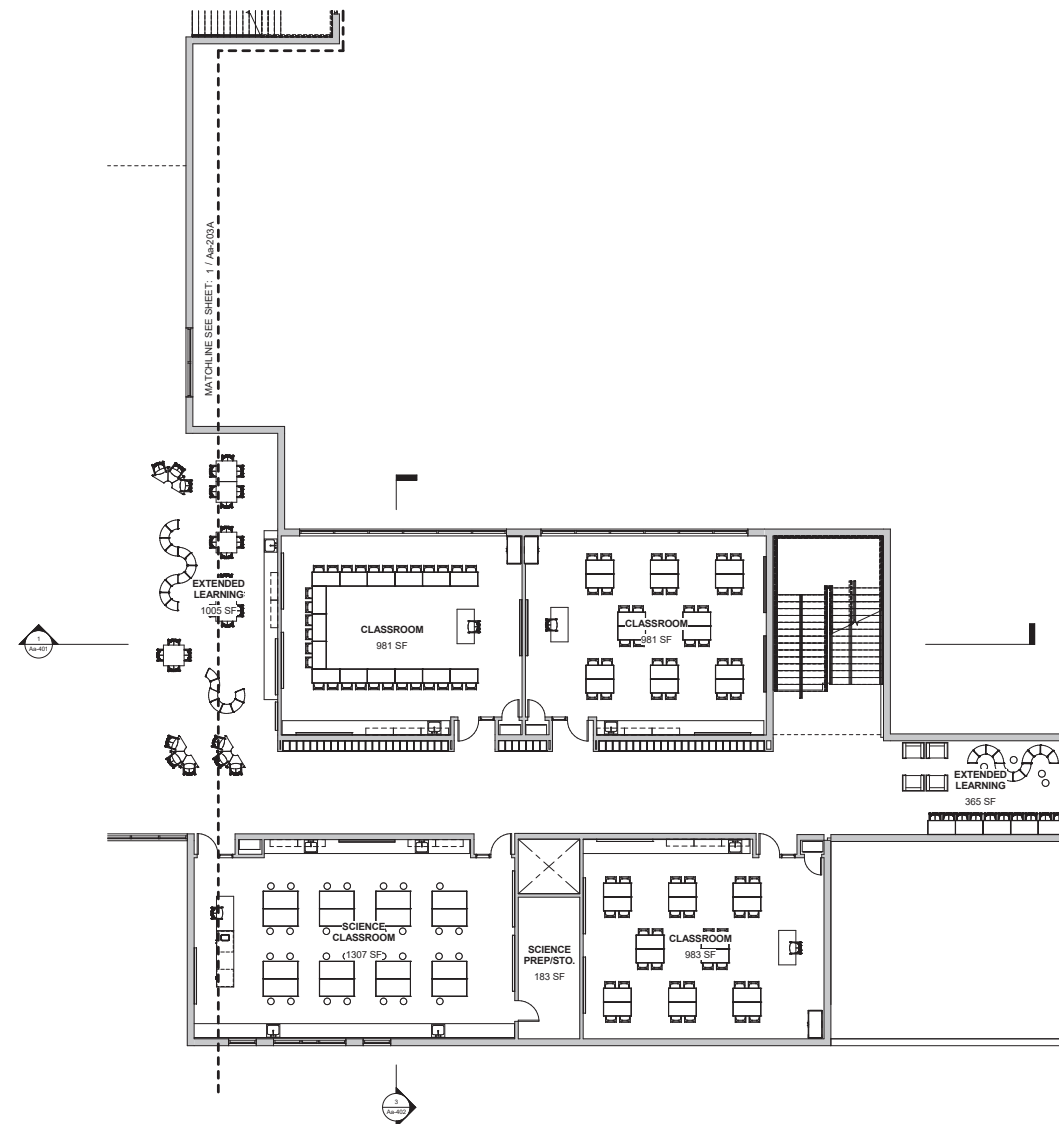
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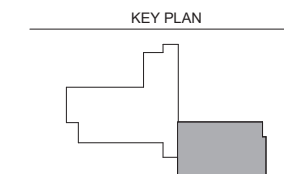
ALT - THIRD FLOOR - WEST LEARNING SUITES



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1 ALT - ENLARGED THIRD FLOOR PLAN - EAST LEARNING SUITES
 1/8" = 1'-0"



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Aa-203B

ALT - THIRD FLOOR - EAST LEARNING SUITES

GENERAL INFORMATION
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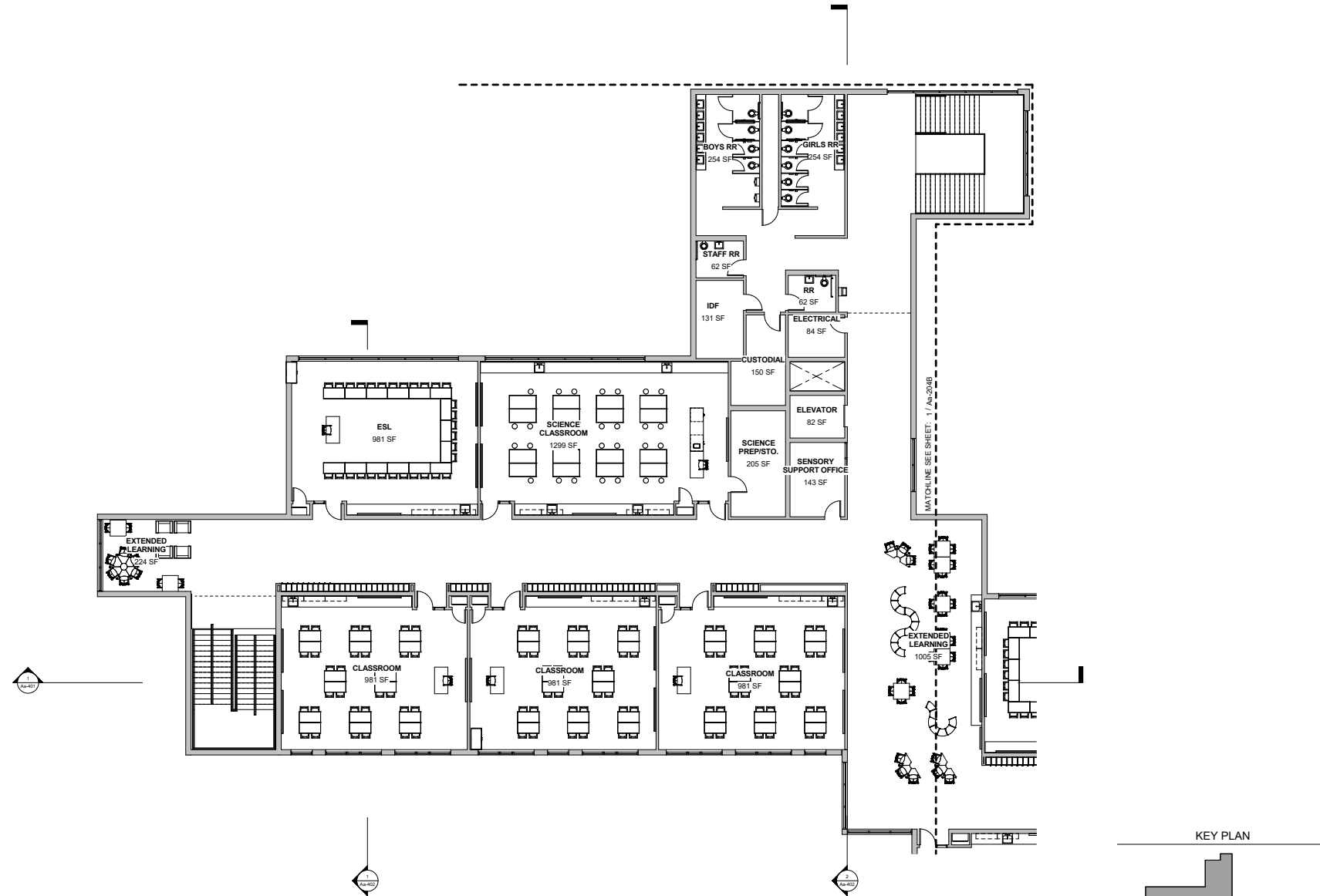
6.1 Drawings

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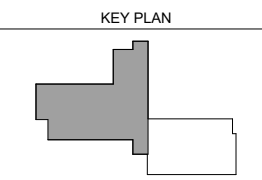
APPENDIX
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1 ALT - ENLARGED FOURTH FLOOR PLAN - WEST LEARNING SUITES
 1/8" = 1'-0"



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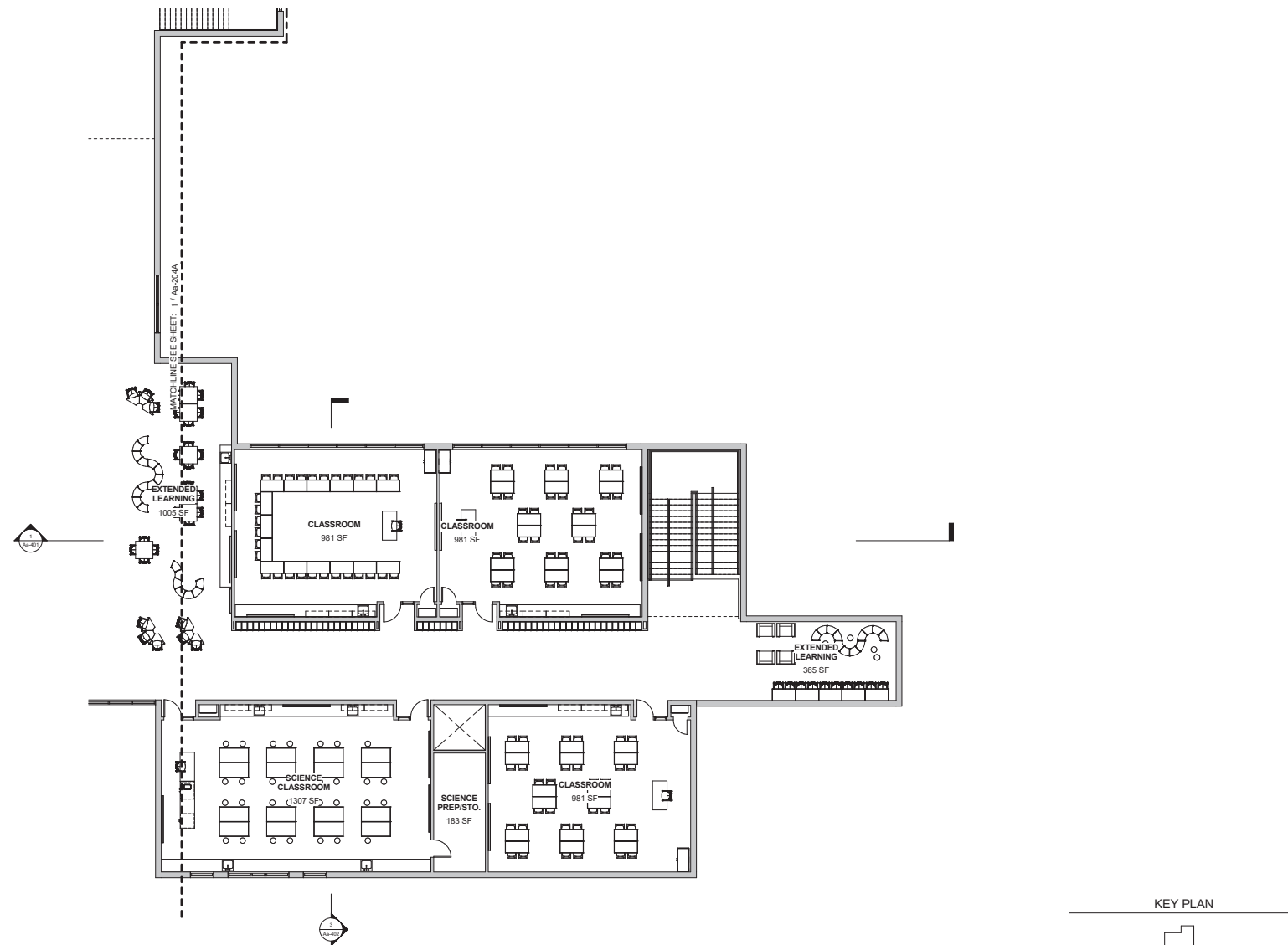
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SCHEMATIC DESIGN PROGRESS SET
 DATE: 01/31/2018

Aa-204A
 ALT - FOURTH FLOOR - WEST LEARNING SUITES



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1 ALT - ENLARGED FOURTH FLOOR PLAN - EAST LEARNING SUITES
 1/8" = 1'-0"



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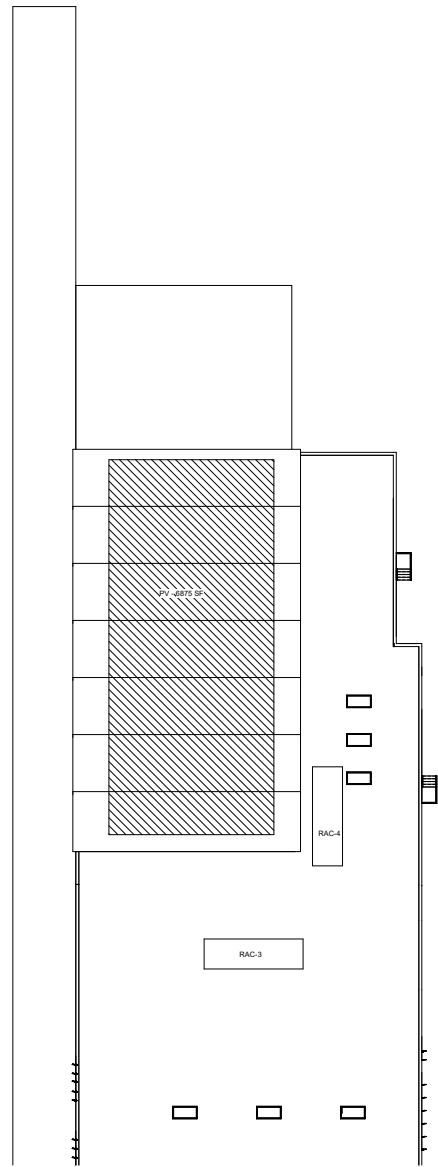
ALT - FOURTH FLOOR - EAST LEARNING
 SUITES

6.1 Drawings

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KELLOGG MIDDLE SCHOOL
 PORTLAND PUBLIC SCHOOL DISTRICT
 02/01/18



① ALT - ENLARGED ROOF PLAN - NORTH
 1/16" = 1'-0"



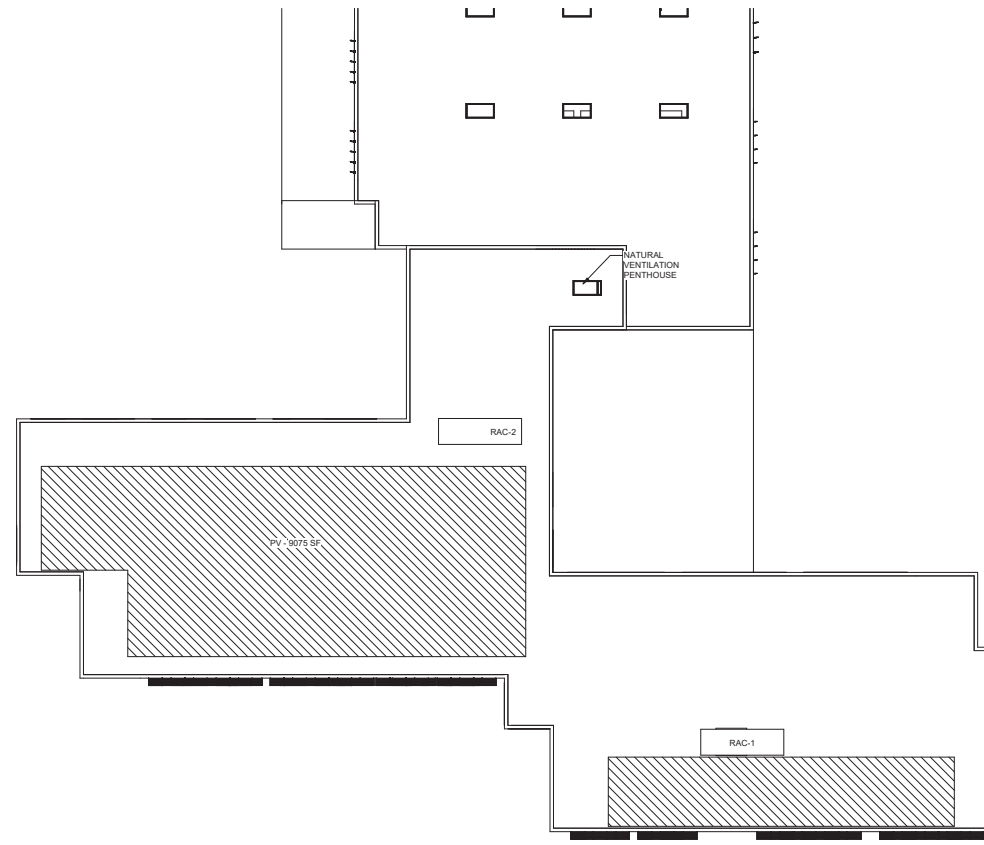
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Aa-221A
 ALT - ROOF PLAN - NORTH
 Project # 90031



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① ALT - ENLARGED ROOF PLAN - SOUTH
 1/16" = 1'-0"



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ALT - ROOF PLAN - SOUTH

Project # 90031

6.1 Drawings

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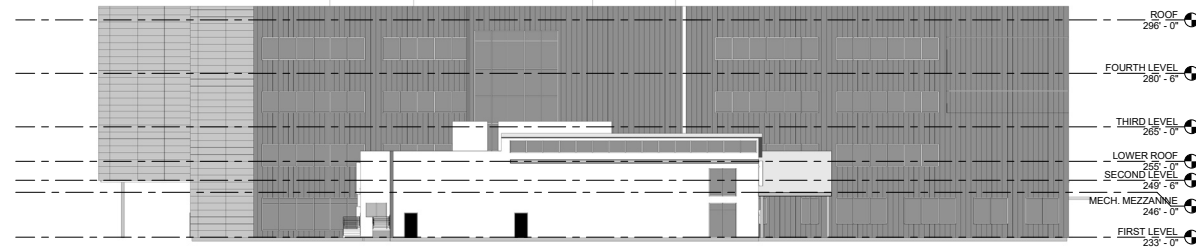
COST ESTIMATE
5

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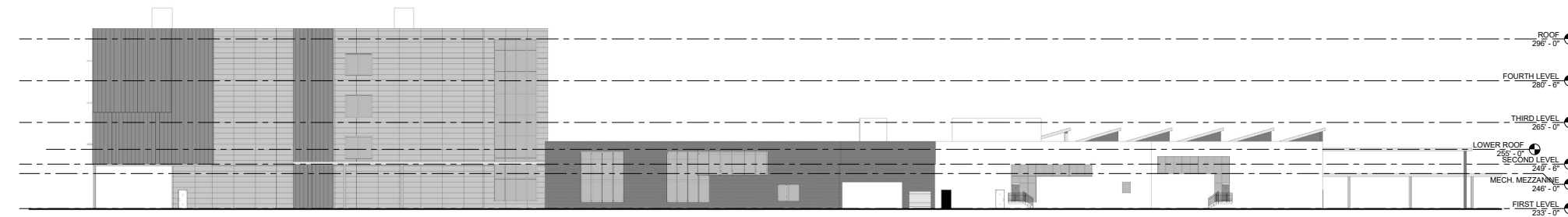
APPENDIX
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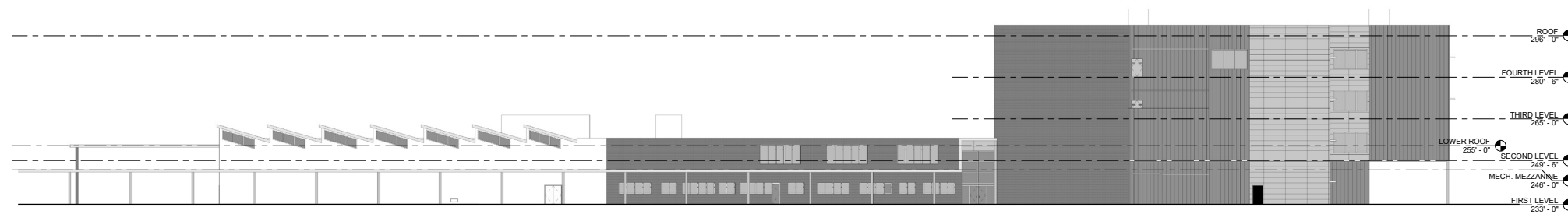
① ALT - NORTH ELEVATION
 1/16" = 1'-0"



② ALT - EAST ELEVATION
 1/16" = 1'-0"



③ ALT - SOUTH ELEVATION
 1/16" = 1'-0"



④ ALT - WEST ELEVATION
 1/16" = 1'-0"



KELLOGG MIDDLE SCHOOL

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SCHEMATIC DESIGN PROGRESS SET

DATE: 01/31/2018

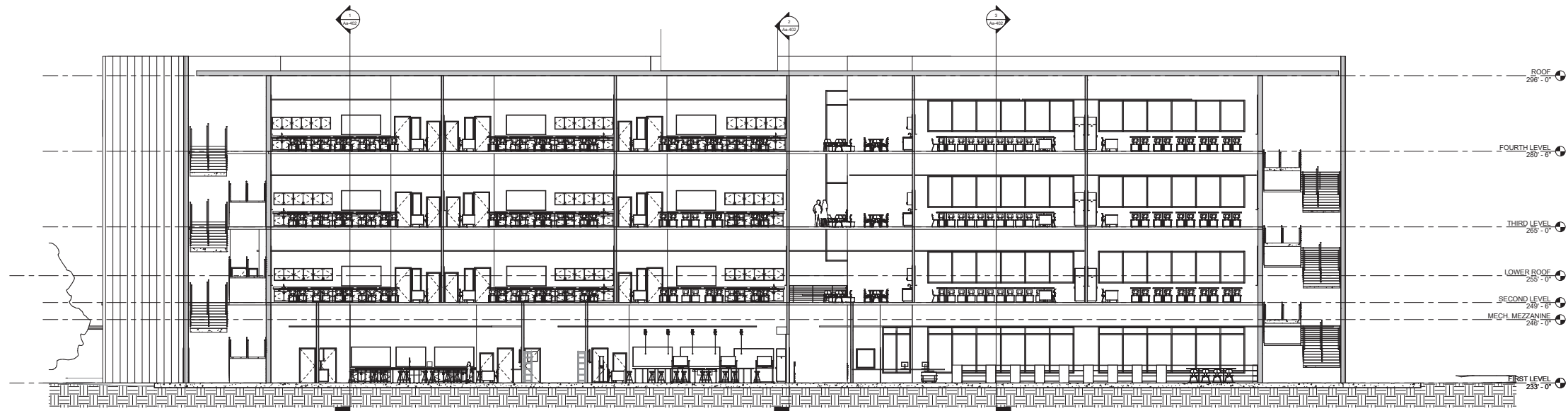
Aa-301

ALT - EXTERIOR ELEVATIONS

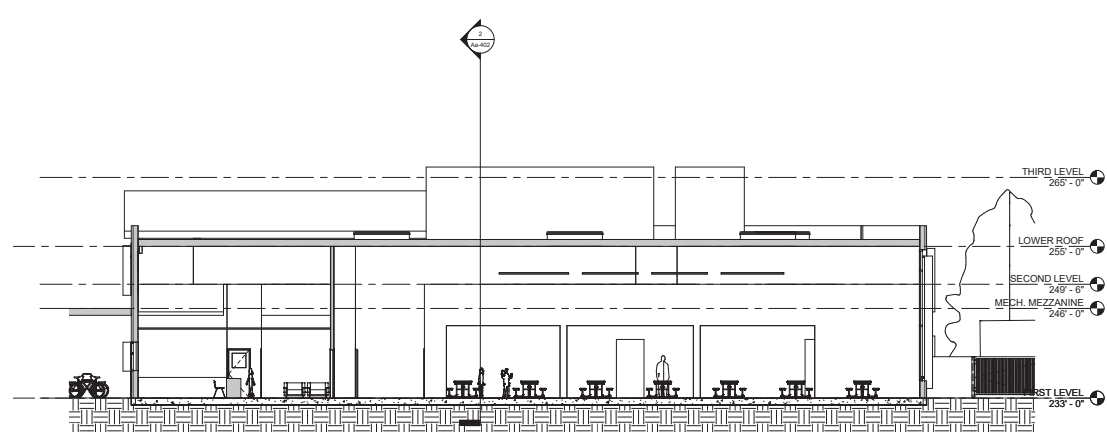
Project # 90031



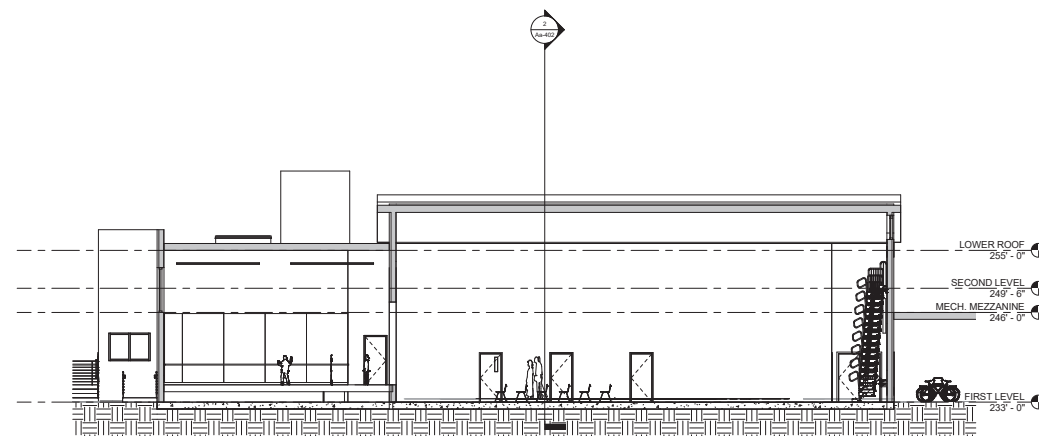
Copyright 2018 Oh planning + design, architecture



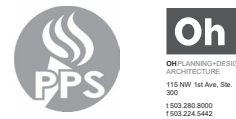
1 ALT - E-W SECTION THROUGH LEARNING SUITES LOOKING NORTH
 1/8" = 1'-0"



2 ALT - E-W SECTION @ COMMONS
 1/8" = 1'-0"



3 ALT - E-W SECTION AT GYM LOOKING SOUTH
 1/8" = 1'-0"



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 SCHEMATIC DESIGN PROGRESS SET
 DATE: 01/31/2018

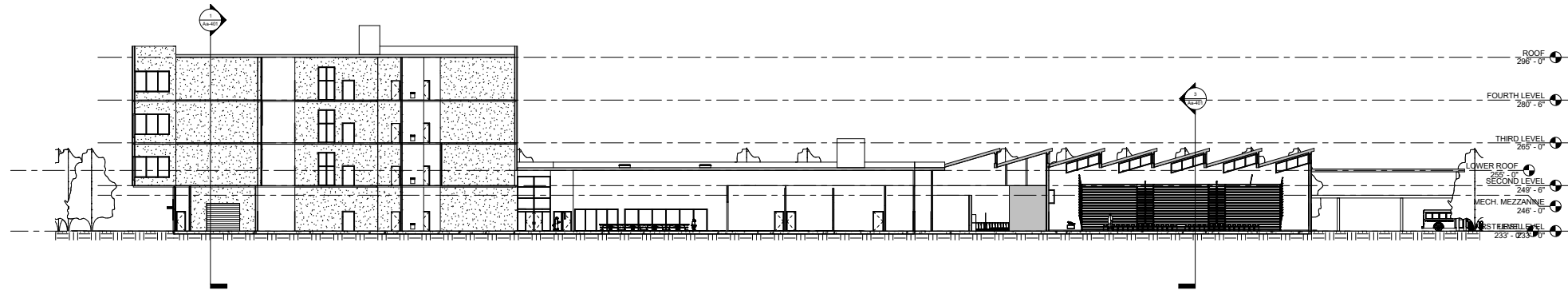
Aa-401
ALT - BUILDING SECTIONS
 Project # 90031

GENERAL INFORMATION	1
BASIS OF DESIGN	2
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COST ESTIMATE	5
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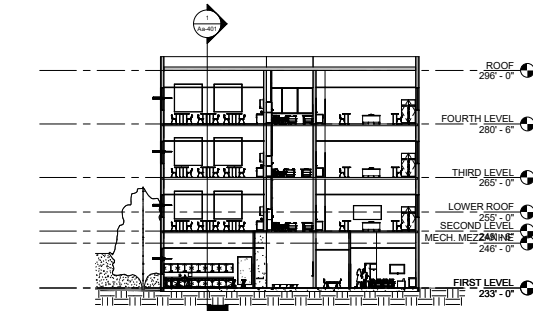
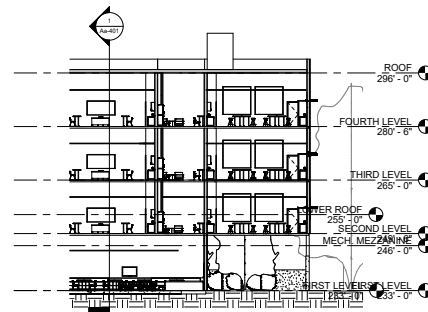
6.1 Drawings



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2 ALT - N-S SECTION THROUGH BUILDING LOOKING WEST
 1/16" = 1'-0"



3 ALT - N-S BUILDING SECTION AT LEARNING SUITES LOOKING EAST
 1/16" = 1'-0"

1 ALT - N-S SECTION AT LEARNING SUITES LOOKING WEST
 1/16" = 1'-0"



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DATE: 01/31/2018

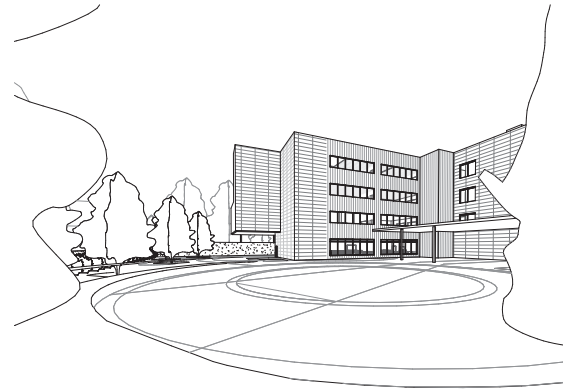
Aa-402

ALT - BUILDING SECTIONS

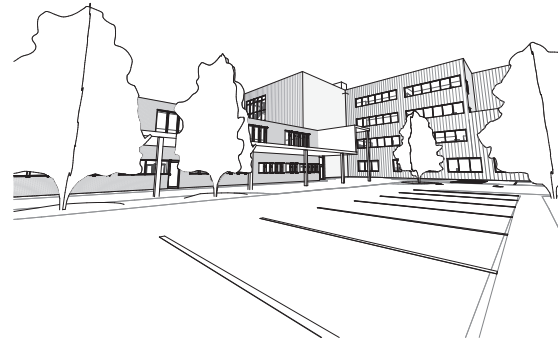
Project # 90031



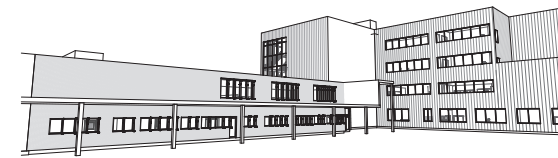
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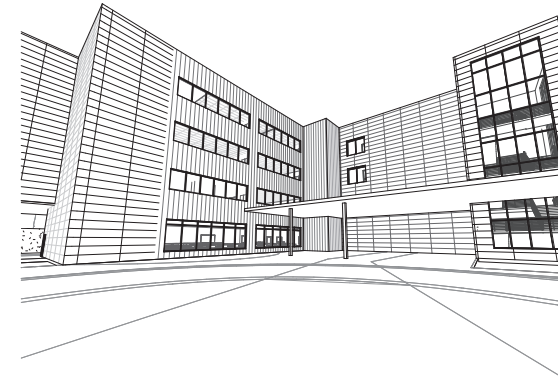
① OUTDOOR LEARNING LOOKING SOUTH - ALT



③ EXTERIOR PARKING LOT - ALT



② ENTRY - EXTERIOR - ALT



④ OUTDOOR LEARNING COVERED AREA - ALT



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 1503 261.6442

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SCHEMATIC DESIGN PROGRESS SET

DATE: 01/31/2018

Aa-901

ALT - 3D VIEWS - EXTERIOR

Project # 90031

GENERAL INFORMATION
1

BASIS OF DESIGN
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3

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COST ESTIMATE
5

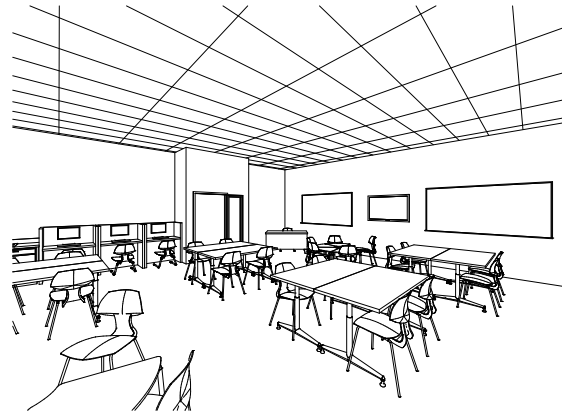
DRAWINGS
6

APPENDIX
7

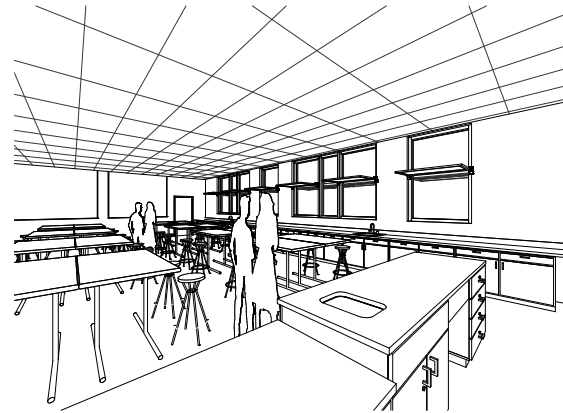
6.1 Drawings



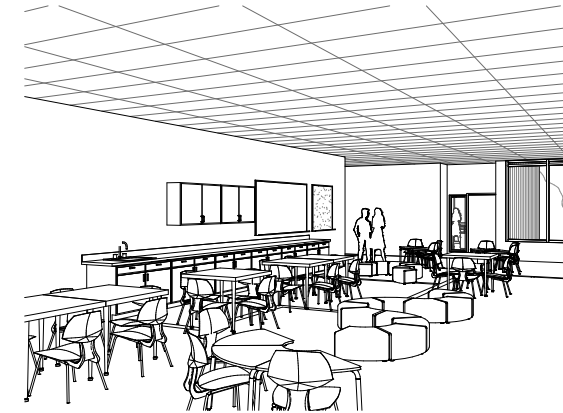
Copyright 2018 Oh planning + design, architecture



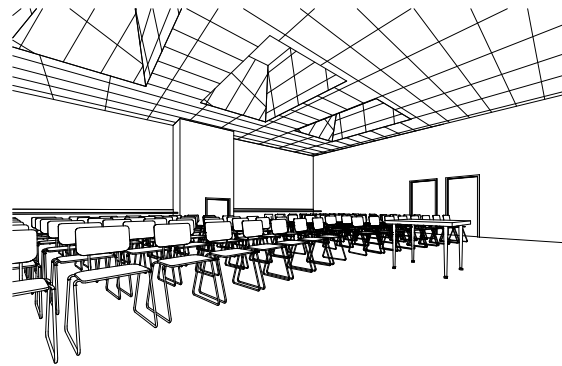
3 SPED INTENSIVE SKILLS - ALT



4 SCIENCE - ALT



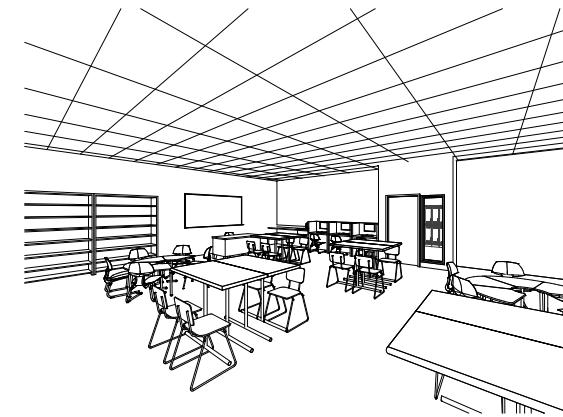
5 EXTENDED LEARNING INTERIOR ALT



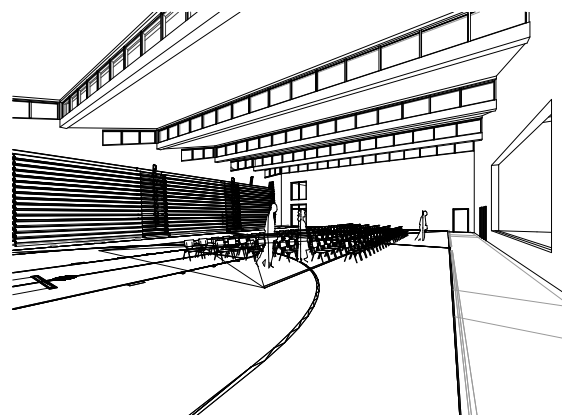
6 MUSIC - ALT



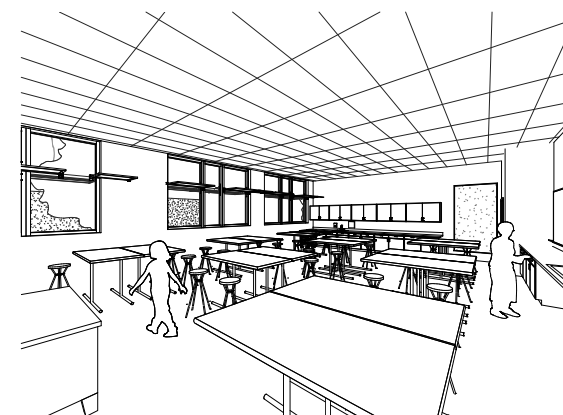
1 STEAM - ALT



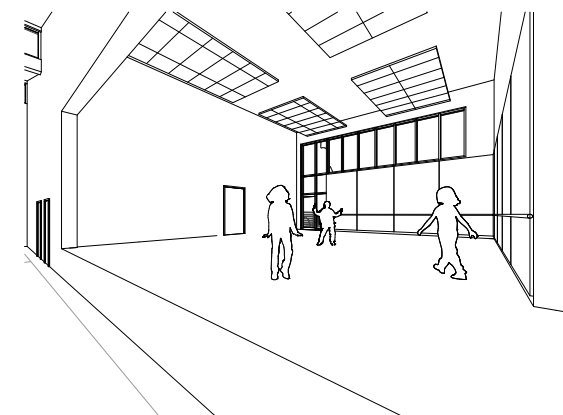
2 SPED LEARNING CENTER - ALT



9 GYM - VIEW TO BLEACHERS - ALT



8 ART - ALT



7 DANCE - ALT



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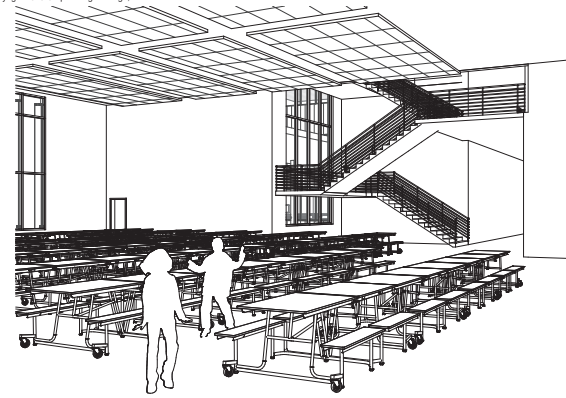
Aa-902

ALT - 3D VIEWS - INTERIOR

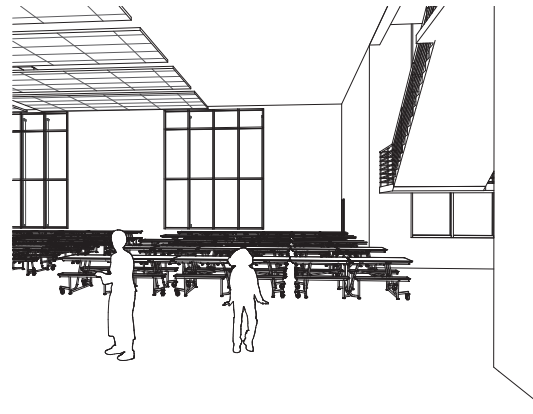
Project # 90031



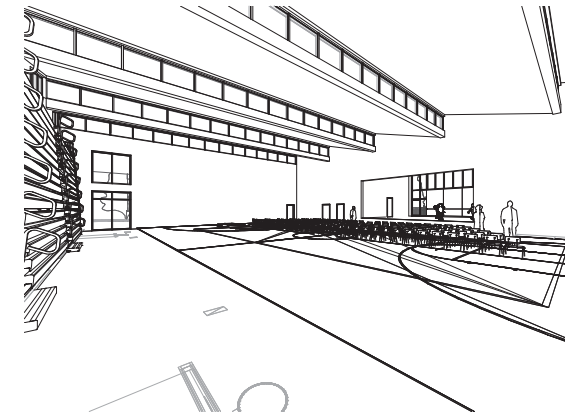
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3 COMMONS 2 - ALT



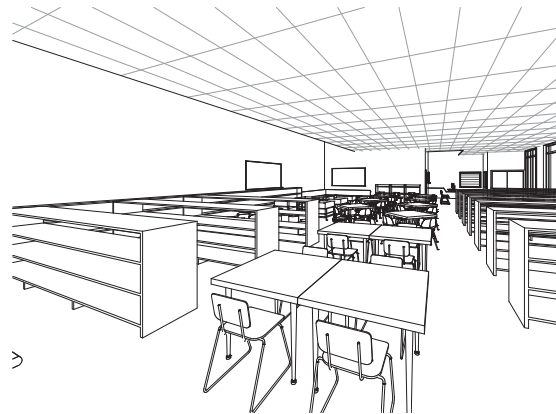
2 COMMONS 1 - ALT



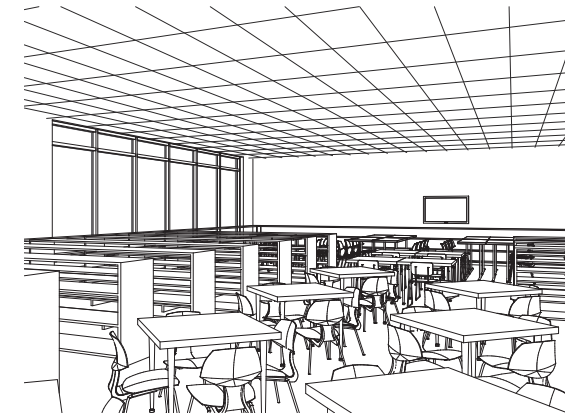
1 GYM - ON BLEACHERS - ALT



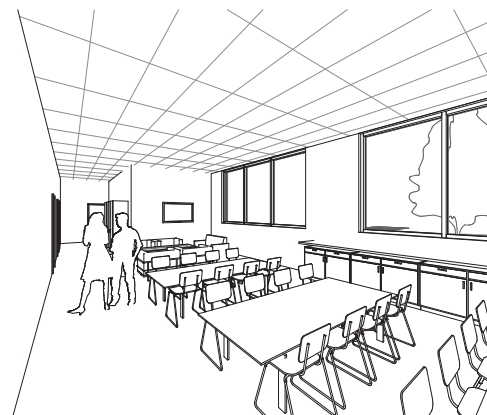
6 ADMIN ENTRY - ALT



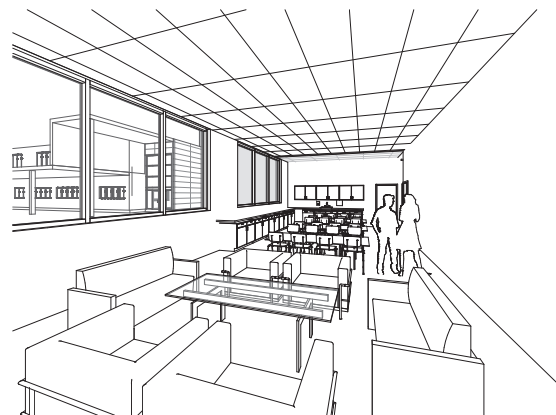
5 MEDIA CENTER 2 - ALT



4 MEDIA CENTER 1 - ALT



7 COMMUNITY 2 - ALT



8 COMMUNITY 1 - ALT



9 ADMIN RECEPTION - ALT



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SCHEMATIC DESIGN PROGRESS SET

DATE: 01/31/2018

Aa-903

ALT - 3D VIEWS - INTERIOR

Project # 90031

GENERAL INFORMATION
1

BASIS OF DESIGN
2

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3

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5

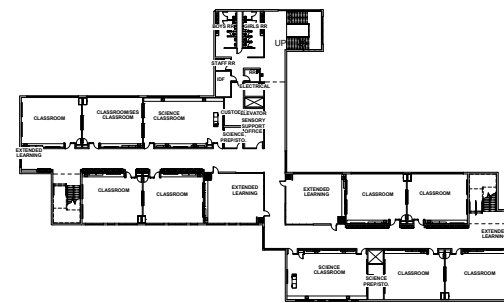
DRAWINGS
6

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6.1 Drawings



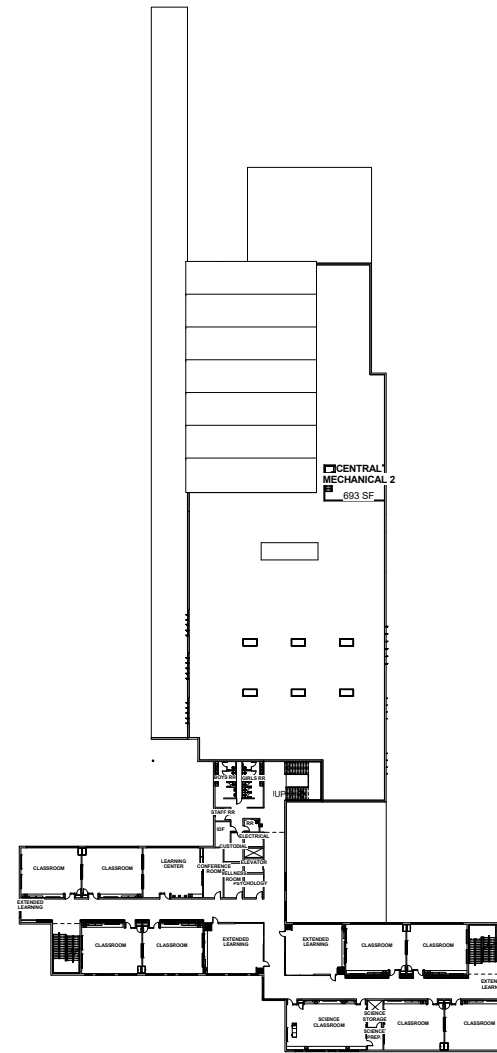
Copyright 2018 Oh planning + design, architecture



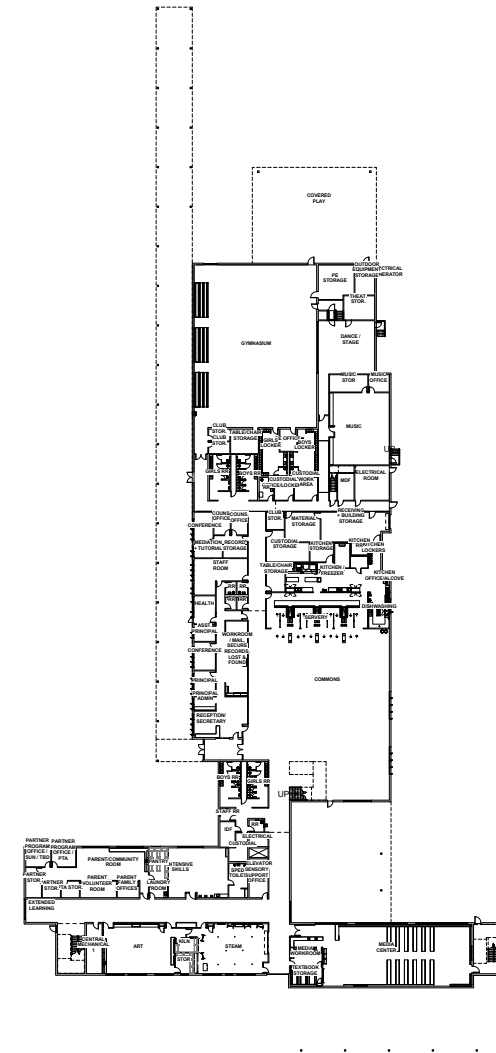
3 OVERALL THIRD FLOOR PLAN
 1/32" = 1'-0"



4 OVERALL FOURTH FLOOR PLAN
 1/32" = 1'-0"



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



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



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DATE: 01/26/2018

S-201

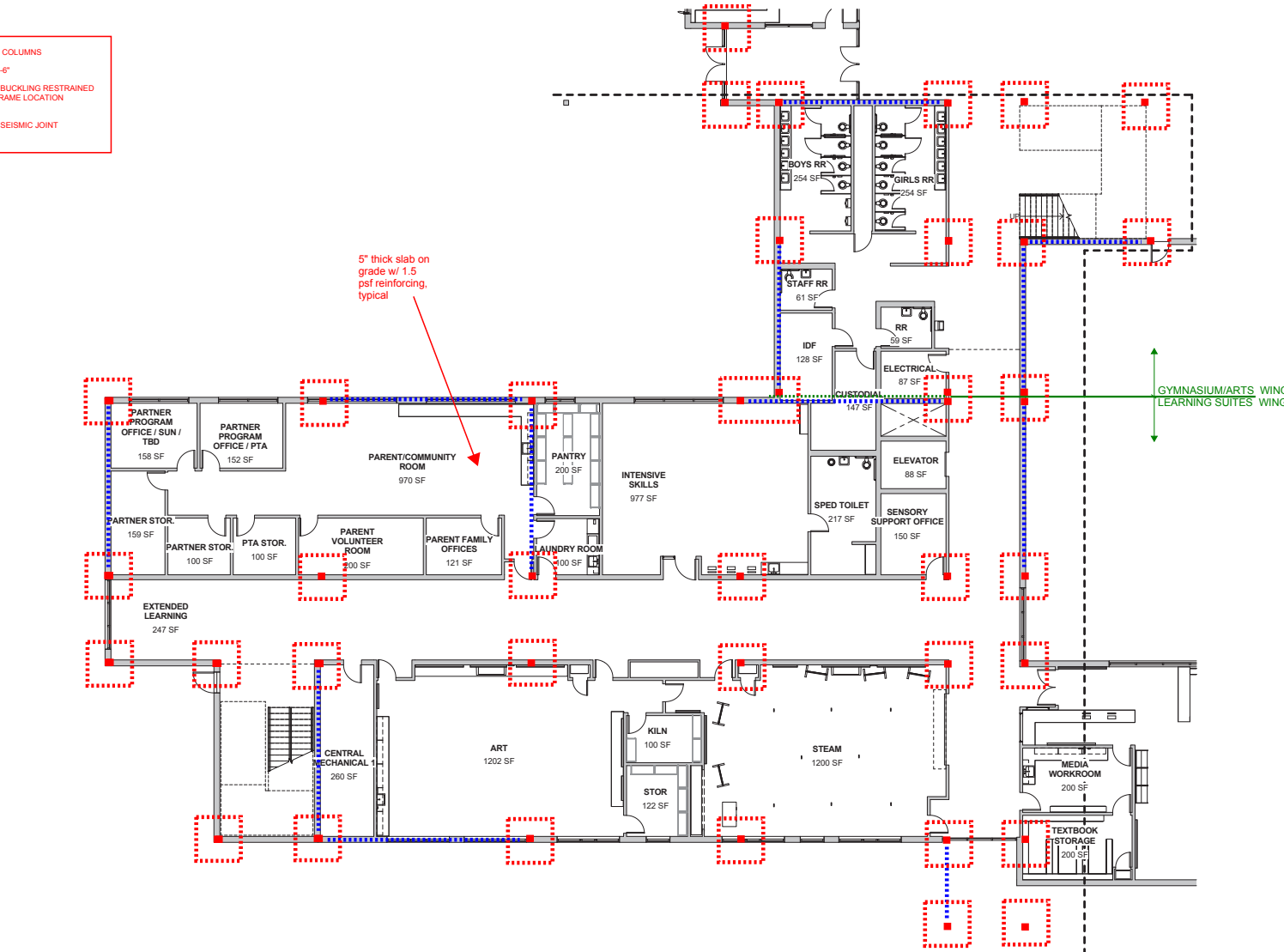
OVERALL FLOOR PLANS

Project # 90031

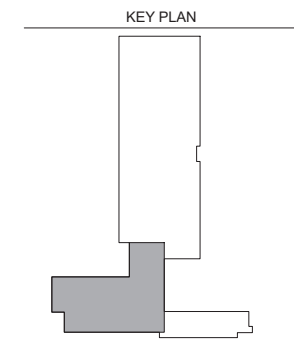


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- NOTES:**
 TYPICAL COLUMN SIZES: W10 STEEL COLUMNS
 AVERAGE FOOTING SIZES: 10' x 10' x 2'-6"
 - - - - - INDICATES BUCKLING RESTRAINED BRACED FRAME LOCATION
 - - - - - INDICATES SEISMIC JOINT



1 ENLARGED FIRST FLOOR PLAN - WEST LEARNING SUITES
 1/8" = 1'-0"



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SCHEMATIC DESIGN PROGRESS SET

DATE: 01/26/2018

S-201A

FIRST FLOOR - WEST LEARNING SUITES

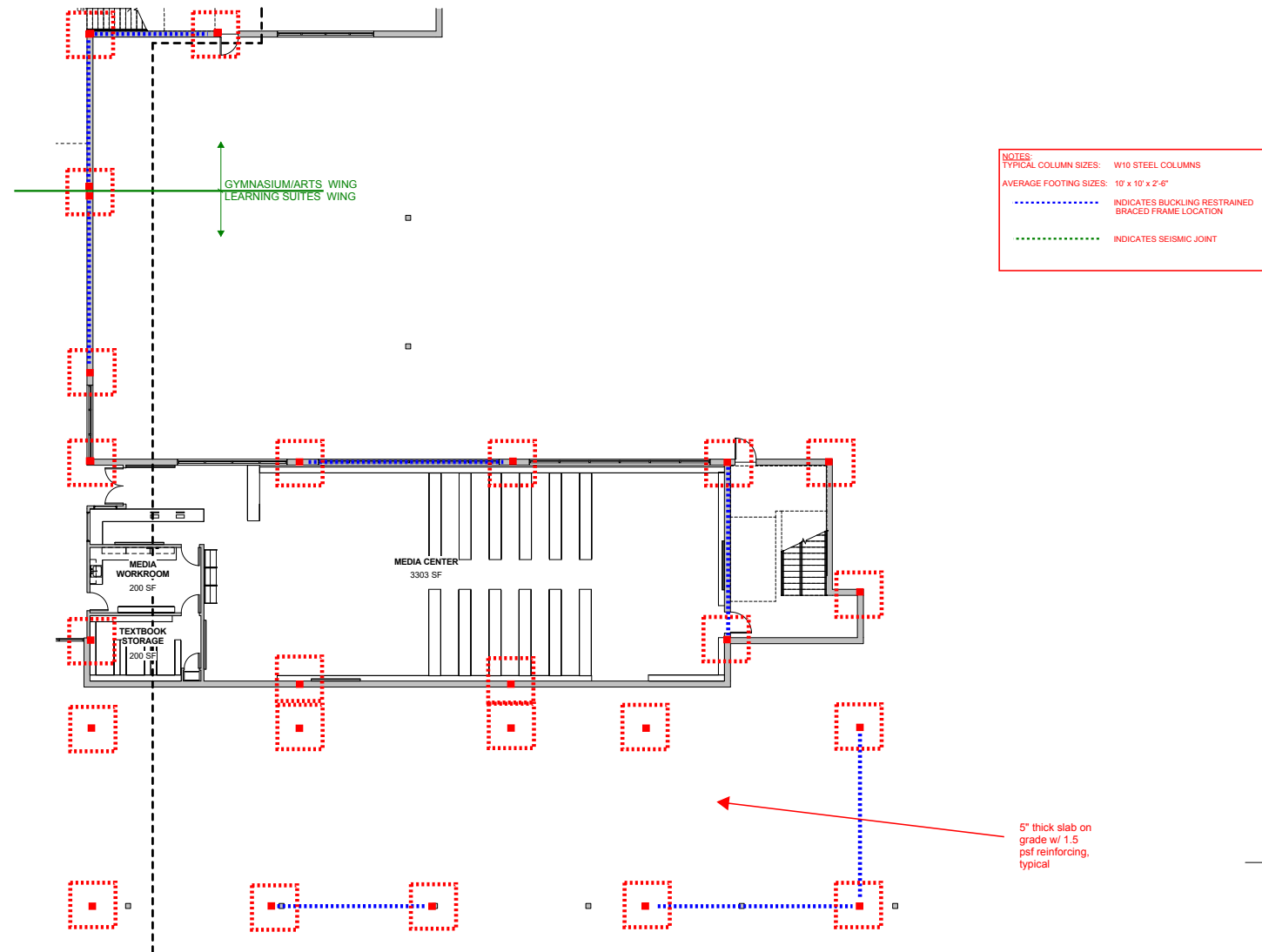
Project # 90031

6.1 Drawings

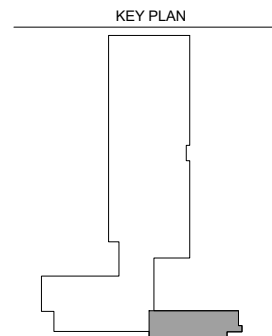
GENERAL INFORMATION	1
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1 ENLARGED FIRST FLOOR PLAN - EAST LEARNING SUITES
 1/8" = 1'-0"



KELLOGG MIDDLE SCHOOL

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SCHEMATIC DESIGN PROGRESS SET

DATE: 01/26/2018

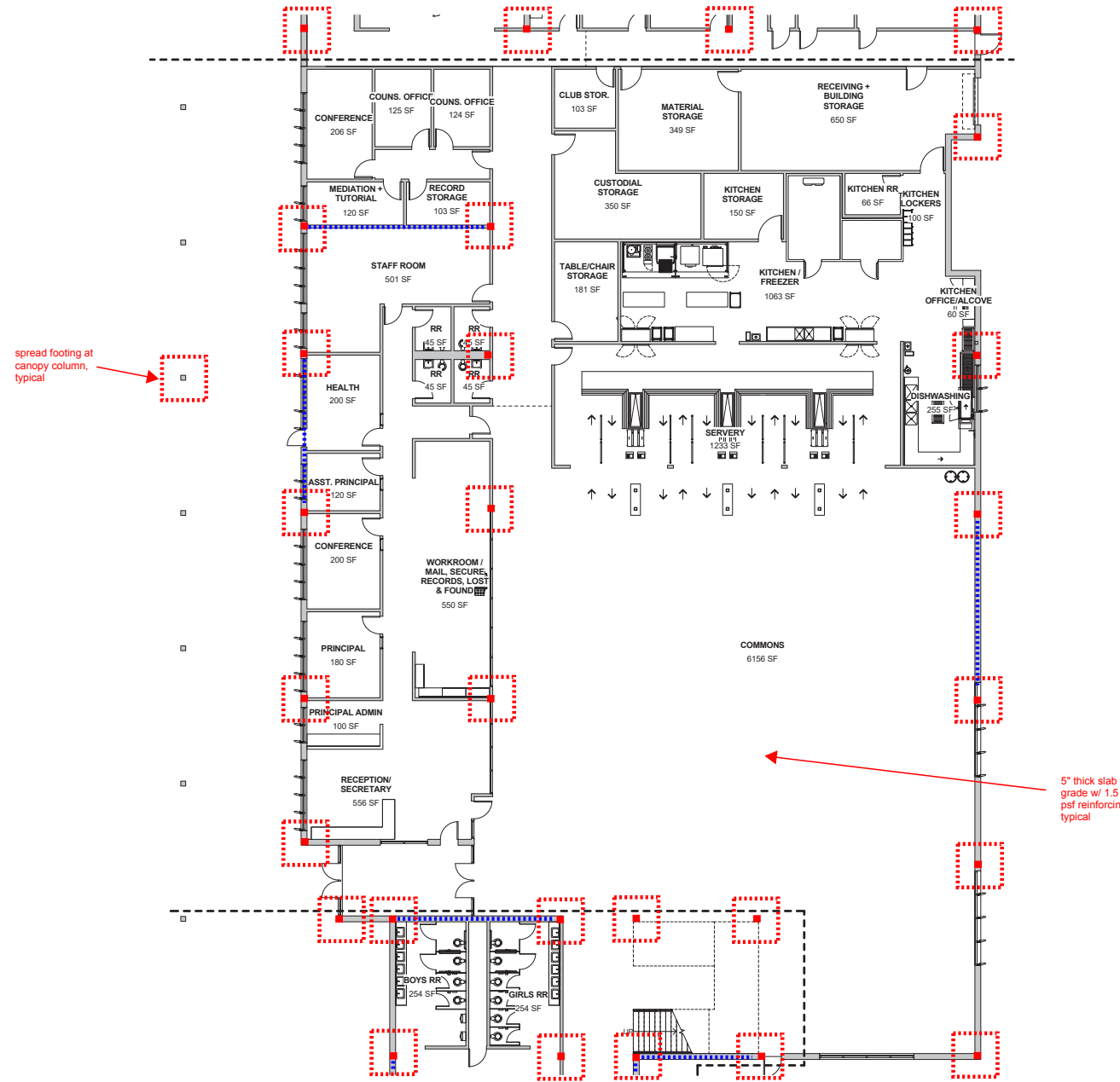
S-201B

FIRST FLOOR - EAST LEARNING SUITES

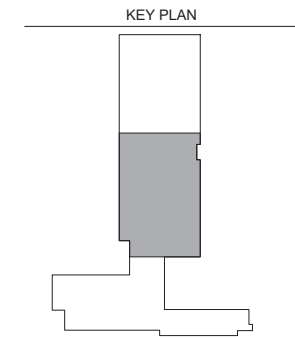
Project # 90031



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NOTES:
 TYPICAL COLUMN SIZES: HSS 8x5 AT 1-STORY AREAS
 W10 STEEL COLUMNS ELSEWHERE
 AVERAGE FOOTING SIZES: 5' x 5' x 1'-6\"/>



1 ENLARGED FIRST FLOOR PLAN - COMMONS
 1/8" = 1'-0"



KELLOGG MIDDLE SCHOOL
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 PORTLAND, OR 97206
 SCHEMATIC DESIGN PROGRESS SET
 DATE: 01/26/2018

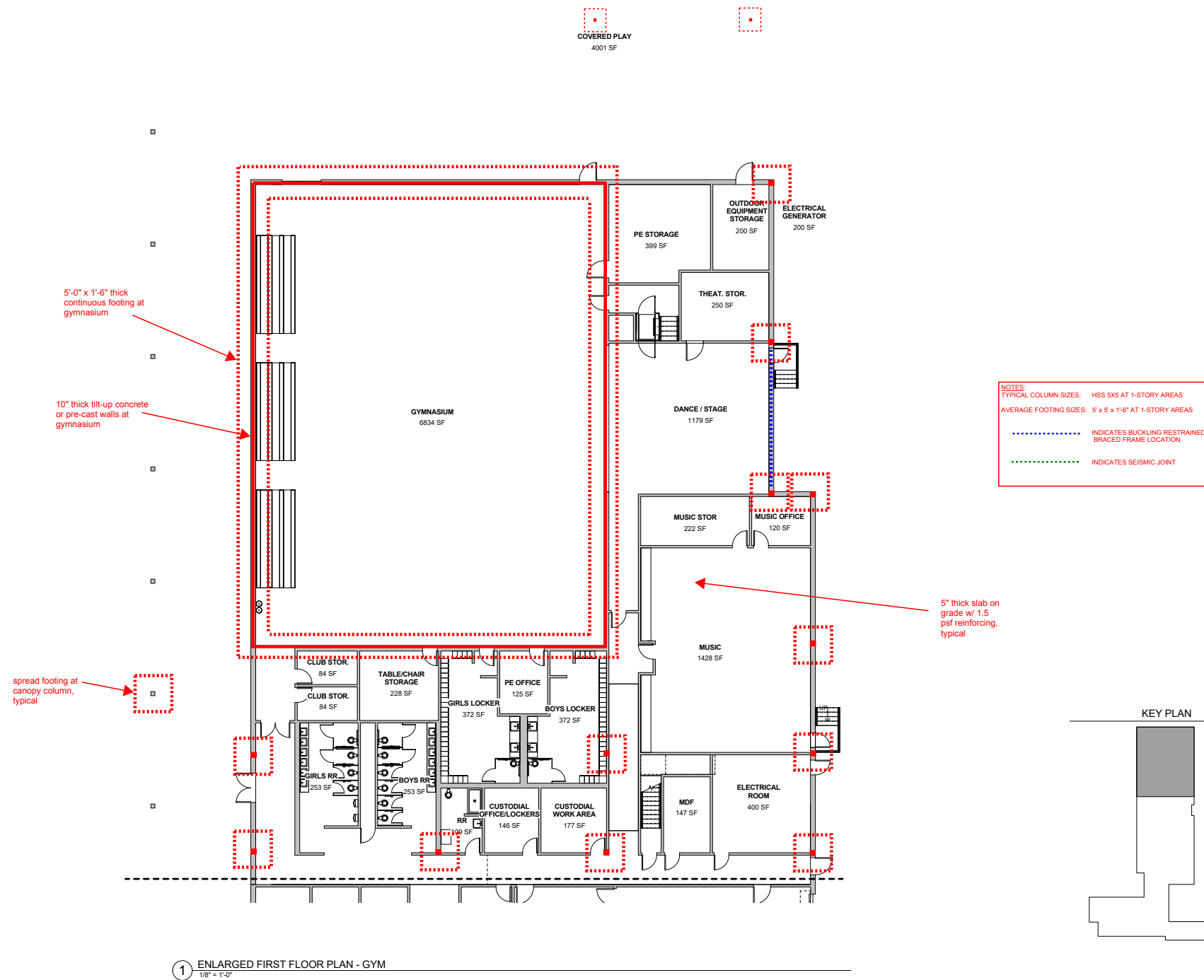
S-201C
FIRST FLOOR - COMMONS
 Project # 90031

6.1 Drawings

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1 ENLARGED FIRST FLOOR PLAN - GYM
 1/8" = 1'-0"



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SCHEMATIC DESIGN PROGRESS SET

DATE: 01/26/2018

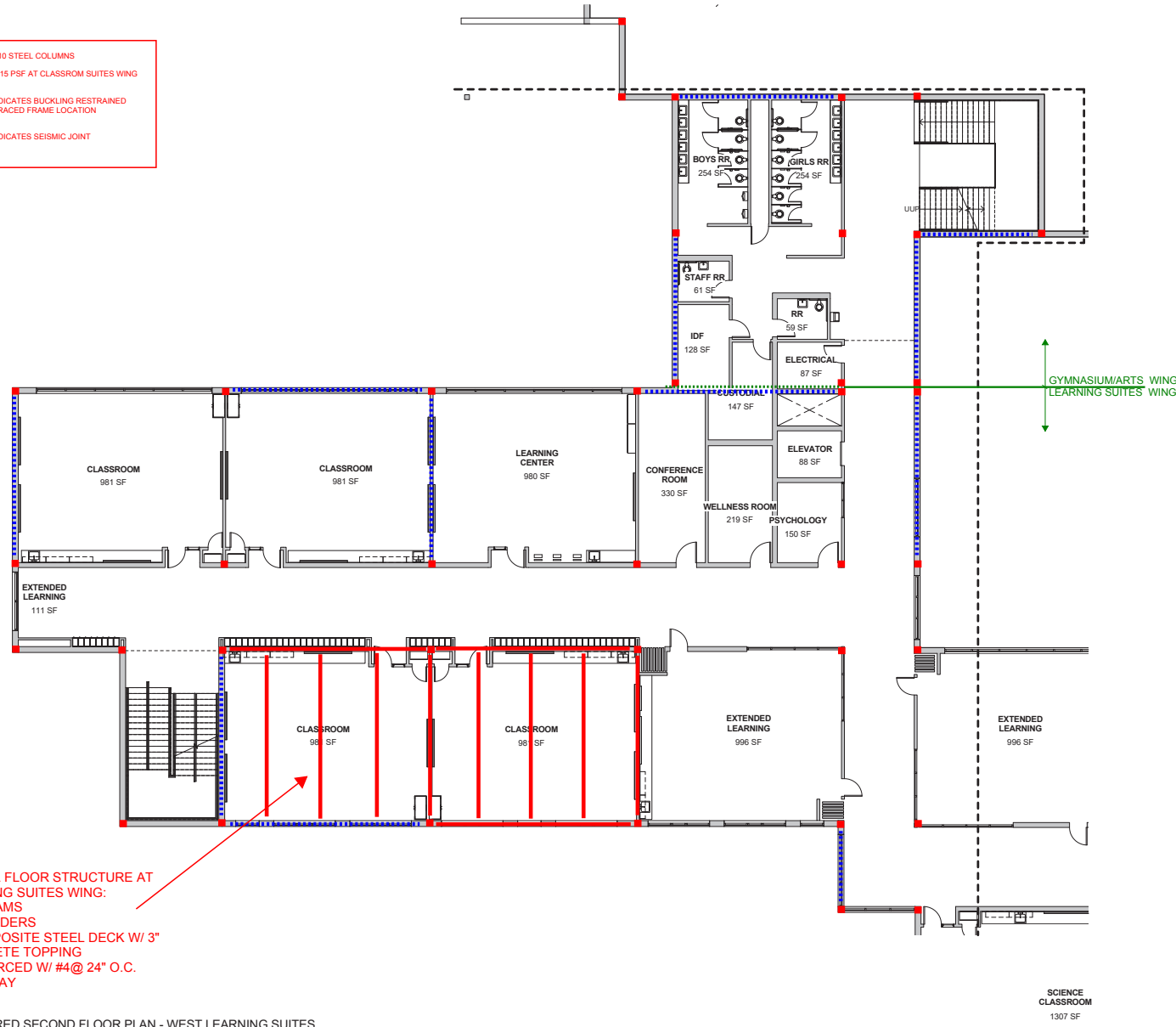
S-201D
 FIRST FLOOR - GYM

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NOTES
 TYPICAL COLUMN SIZES: W10 STEEL COLUMNS
 TYPICAL STEEL WEIGHTS: 12-15 PSF AT CLASSROOM SUITES WING
 - - - - - INDICATES BUCKLING RESTRAINED BRACED FRAME LOCATION
 - - - - - INDICATES SEISMIC JOINT



1 ENGLARED SECOND FLOOR PLAN - WEST LEARNING SUITES
 1/8" = 1'-0"



KELLOGG MIDDLE SCHOOL

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S-202A
 SCHEMATIC DESIGN PROGRESS SET SECOND FLOOR - WEST LEARNING SUITES

DATE: 01/26/2018

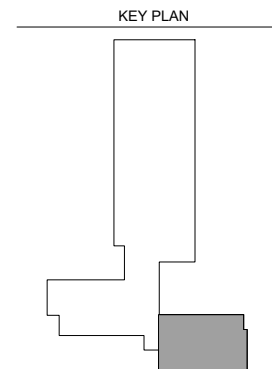
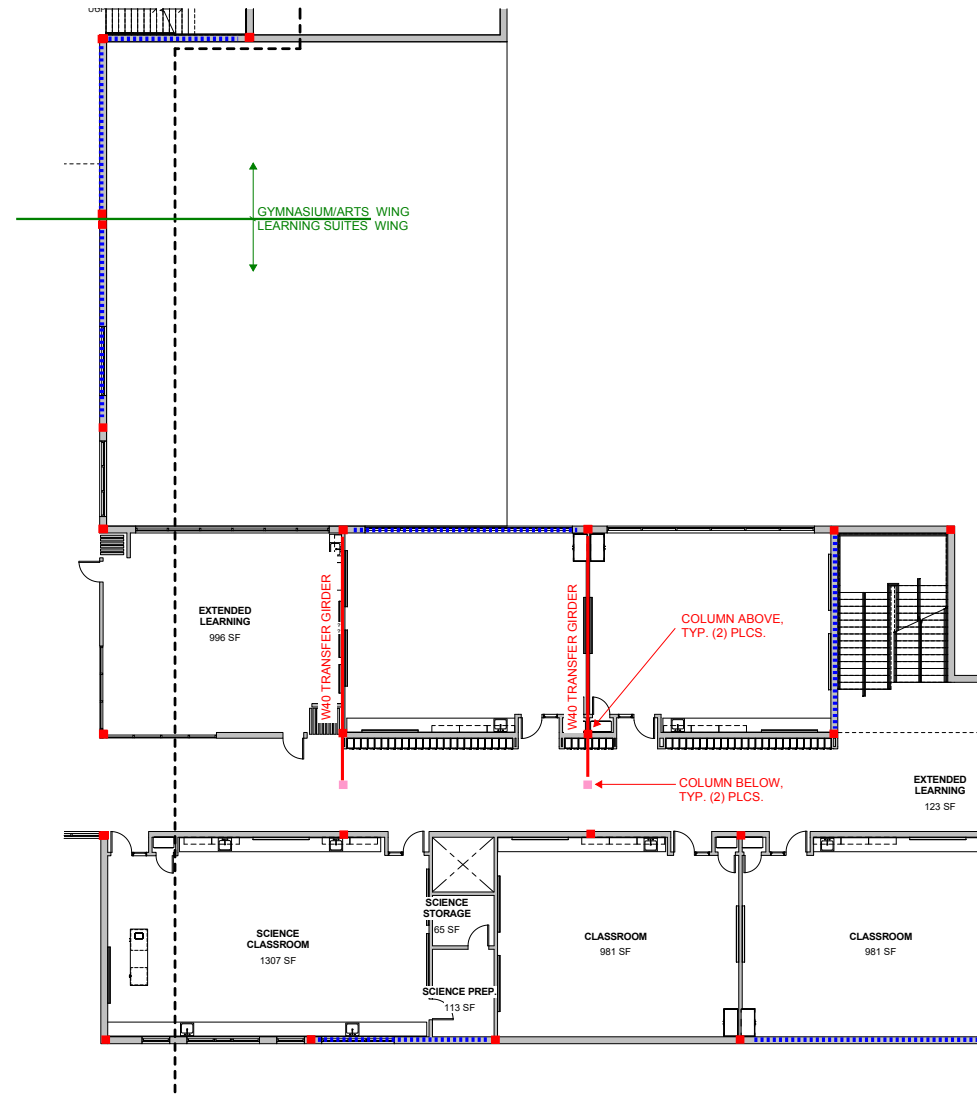
Project # 90031

6.1 Drawings

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1 ENGLARED SECOND FLOOR PLAN - EAST LEARNING SUITES
 1/8" = 1'-0"



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SCHEMATIC DESIGN PROGRESS SET **SECOND FLOOR - EAST LEARNING SUITES**

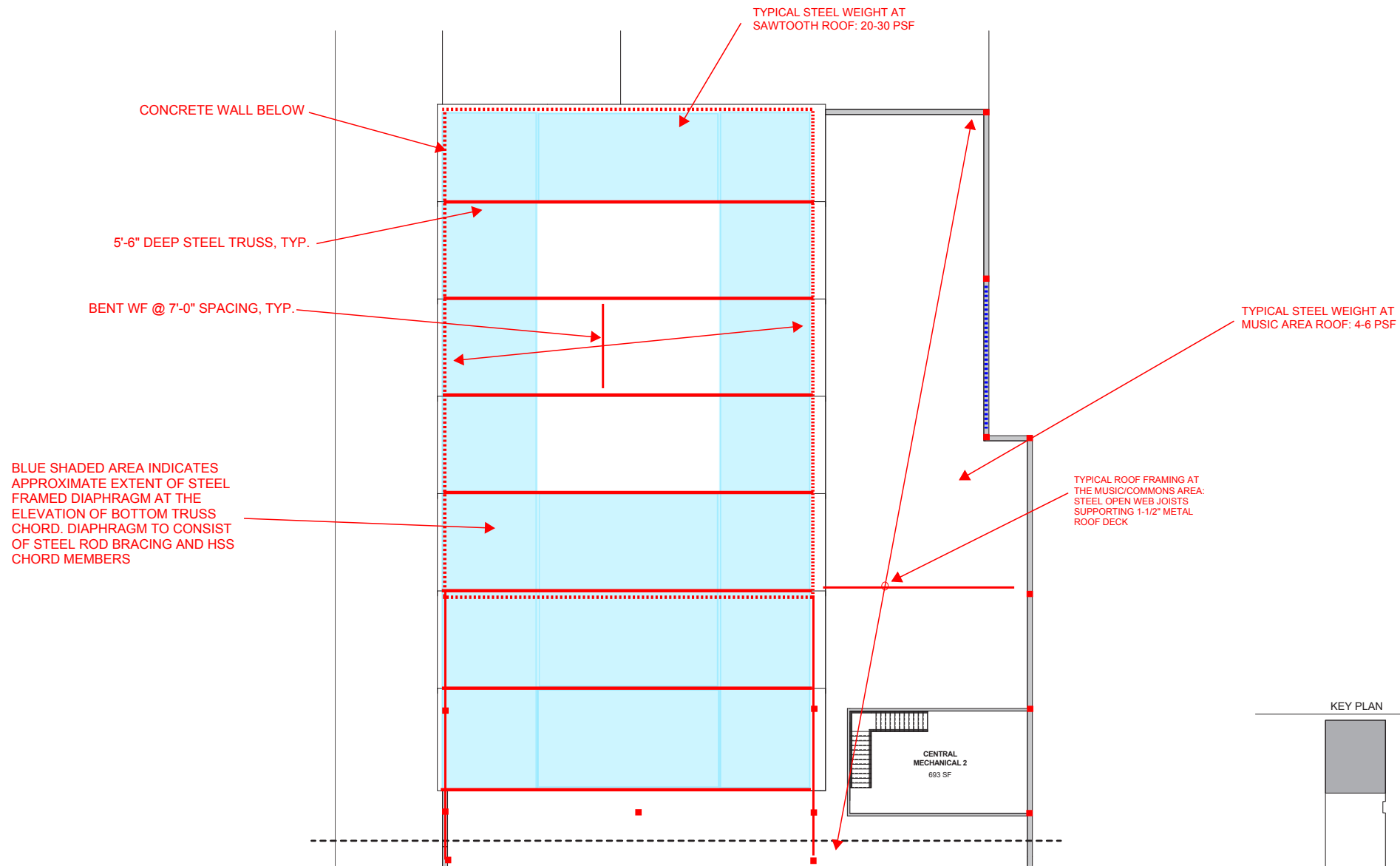
DATE: 01/26/2018

S-202B

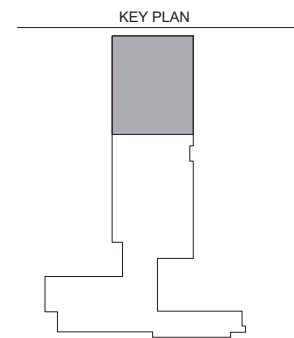
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1 ENLARGED SECOND FLOOR PLAN - GYM
 1/8" = 1'-0"



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 SCHEMATIC DESIGN PROGRESS SET
 DATE: 01/26/2018

S-202D
SECOND FLOOR - GYM
 Project # 90031

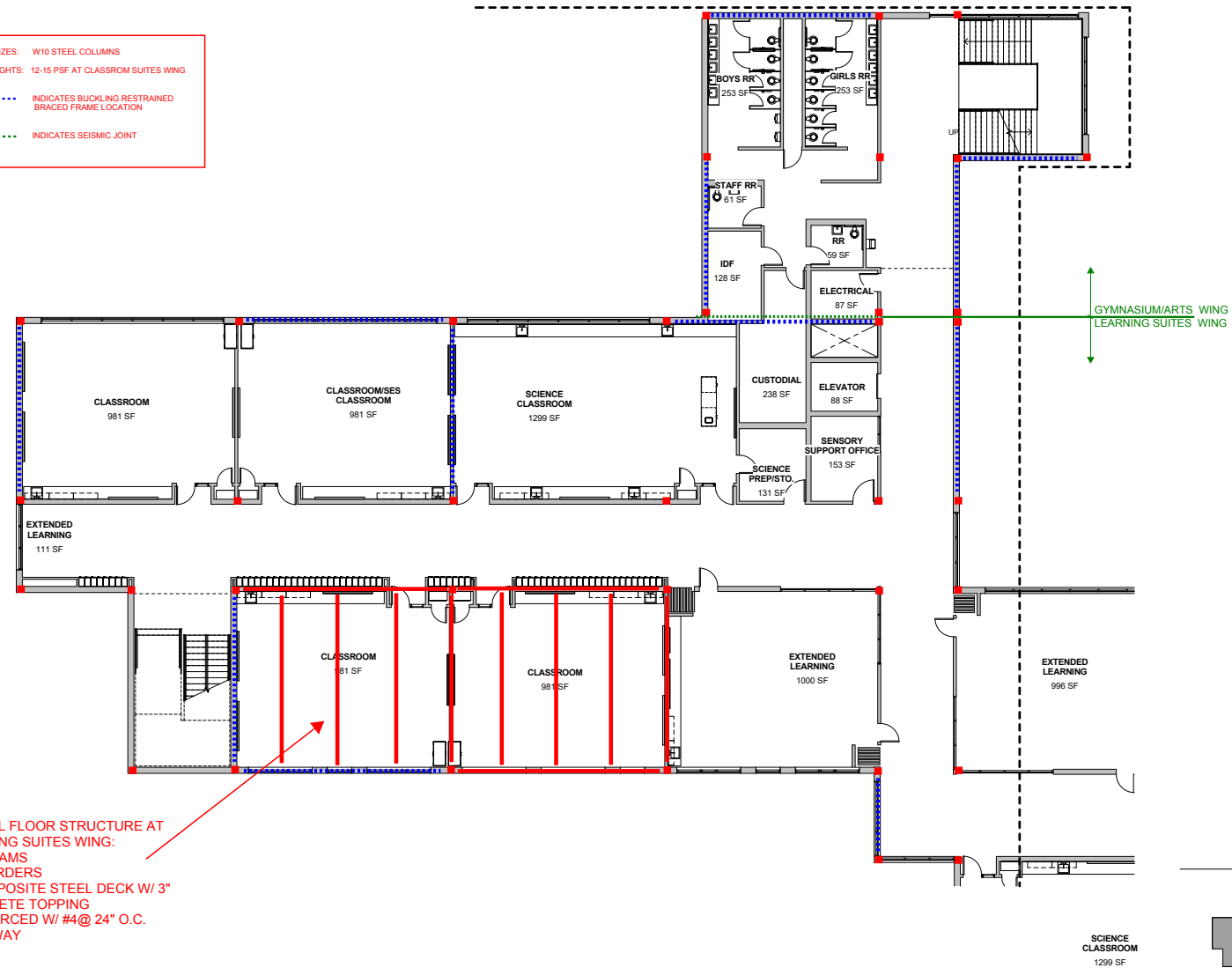
6.1 Drawings

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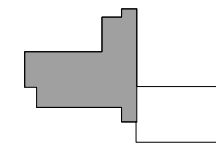
NOTES:
 TYPICAL COLUMN SIZES: W10 STEEL COLUMNS
 TYPICAL STEEL WEIGHTS: 12-15 PSF AT CLASSROOM SUITES WING
 - - - - - INDICATES BUCKLING RESTRAINED BRACED FRAME LOCATION
 - - - - - INDICATES SEISMIC JOINT



TYPICAL FLOOR STRUCTURE AT LEARNING SUITES WING:
 W18 BEAMS
 W24 GIRDERS
 3" COMPOSITE STEEL DECK W/ 3" CONCRETE TOPPING
 REINFORCED W/ #4 @ 24" O.C. EACH WAY

1 ENLARGED THIRD FLOOR PLAN - WEST LEARNING SUITES
 1/8" = 1'-0"

KEY PLAN



SCIENCE CLASSROOM
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DATE: 01/26/2018

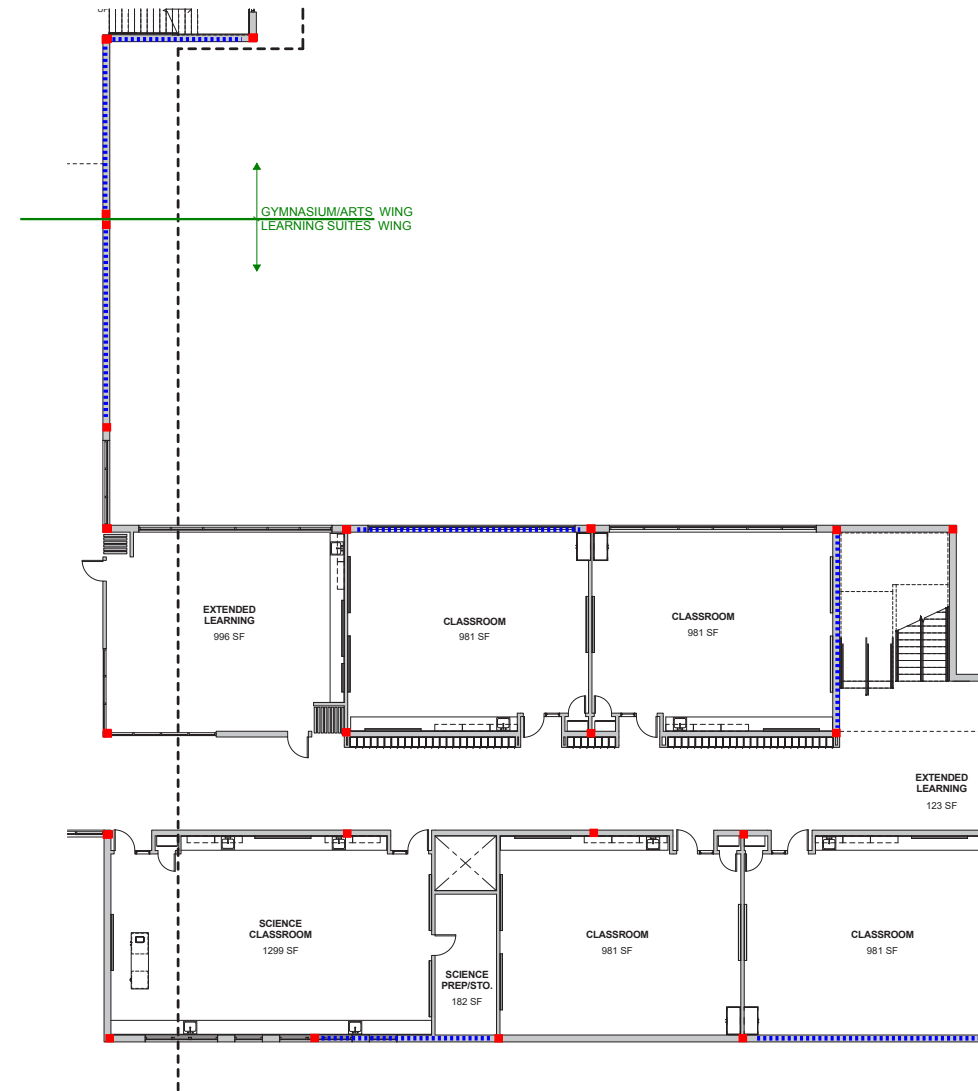
S-203A

THIRD FLOOR - WEST LEARNING SUITES

Project # 90031

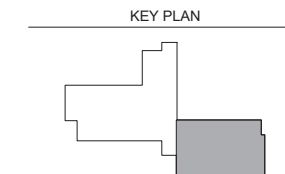


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SEE S203-A FOR PRICING NOTES.

1 ENLARGED THIRD FLOOR PLAN - EAST LEARNING SUITES
 1/8" = 1'-0"



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SCHEMATIC DESIGN PROGRESS SET

DATE: 01/26/2018

S-203B

THIRD FLOOR - EAST LEARNING SUITES

Project # 90031

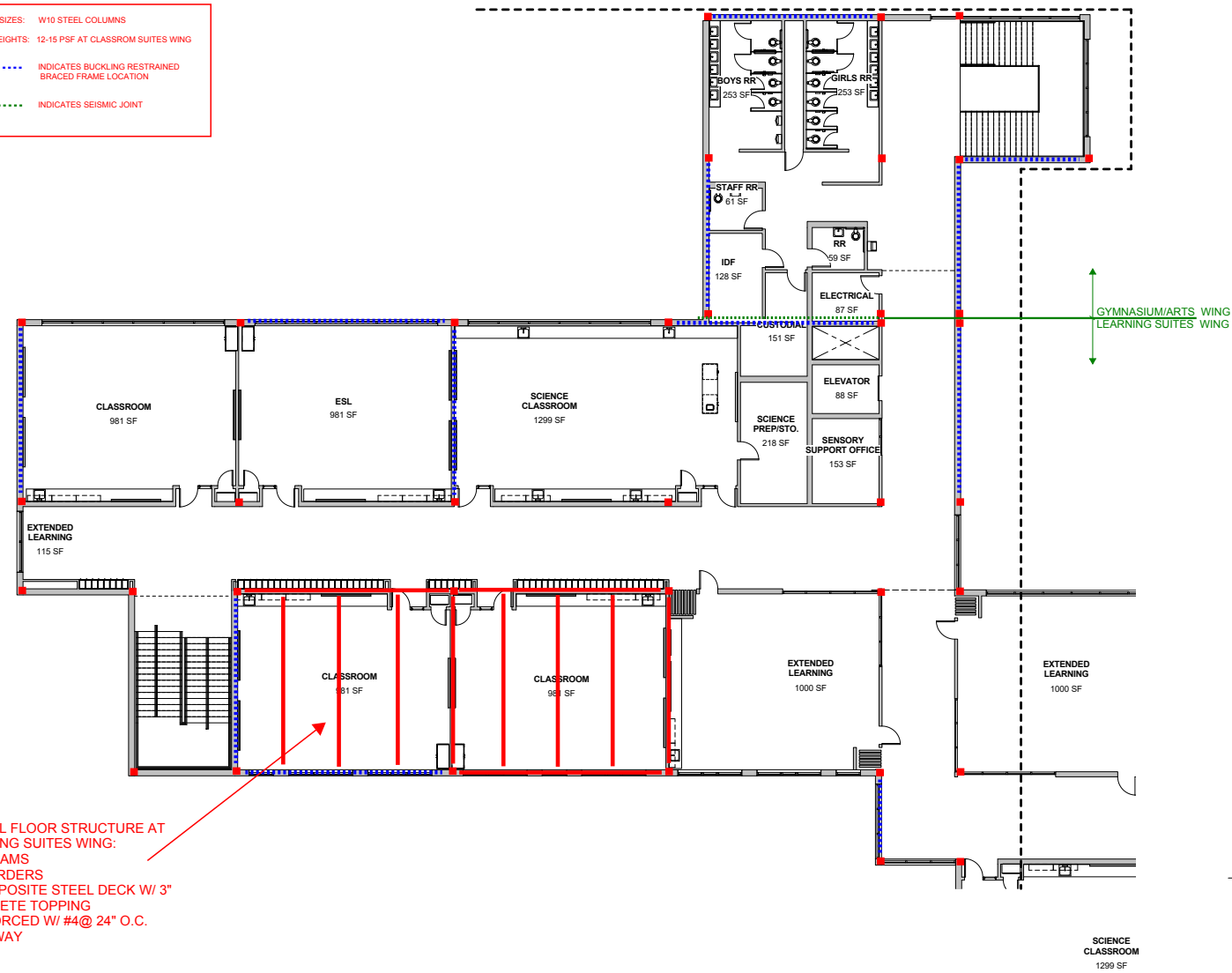
6.1 Drawings

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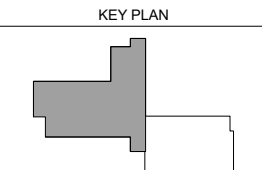
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NOTES:
 TYPICAL COLUMN SIZES: W10 STEEL COLUMNS
 TYPICAL STEEL WEIGHTS: 12-15 PSF AT CLASSROOM SUITES WING
 - - - - - INDICATES BUCKLING RESTRAINED BRACED FRAME LOCATION
 - - - - - INDICATES SEISMIC JOINT



TYPICAL FLOOR STRUCTURE AT LEARNING SUITES WING:
 W18 BEAMS
 W24 GIRDERS
 3" COMPOSITE STEEL DECK W/ 3" CONCRETE TOPPING
 REINFORCED W/ #4 @ 24" O.C. EACH WAY

1 ENLARGED FOURTH FLOOR PLAN - WEST LEARNING SUITES
 1/8" = 1'-0"



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SCHEMATIC DESIGN PROGRESS SET **FOURTH FLOOR - WEST LEARNING SUITES**

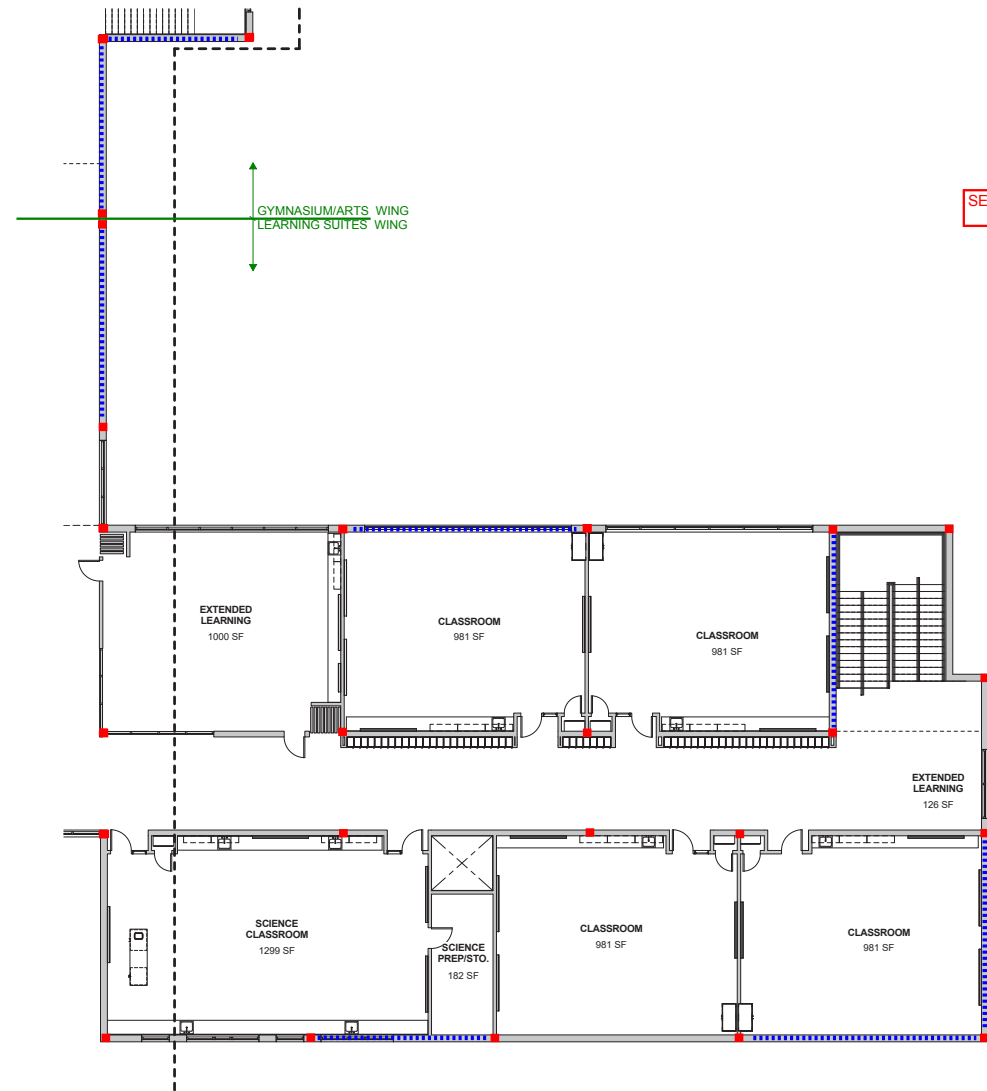
DATE: 01/26/2018

S-204A

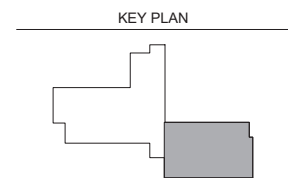
Project # 90031



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SEE S204-A FOR PRICING NOTES.



1 ENLARGED FOURTH FLOOR PLAN - EAST LEARNING SUITES
 1/8" = 1'-0"



KELLOGG MIDDLE SCHOOL

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S-204B
 SCHEMATIC DESIGN PROGRESS SET FOURTH FLOOR - EAST LEARNING SUITES

DATE: 01/26/2018

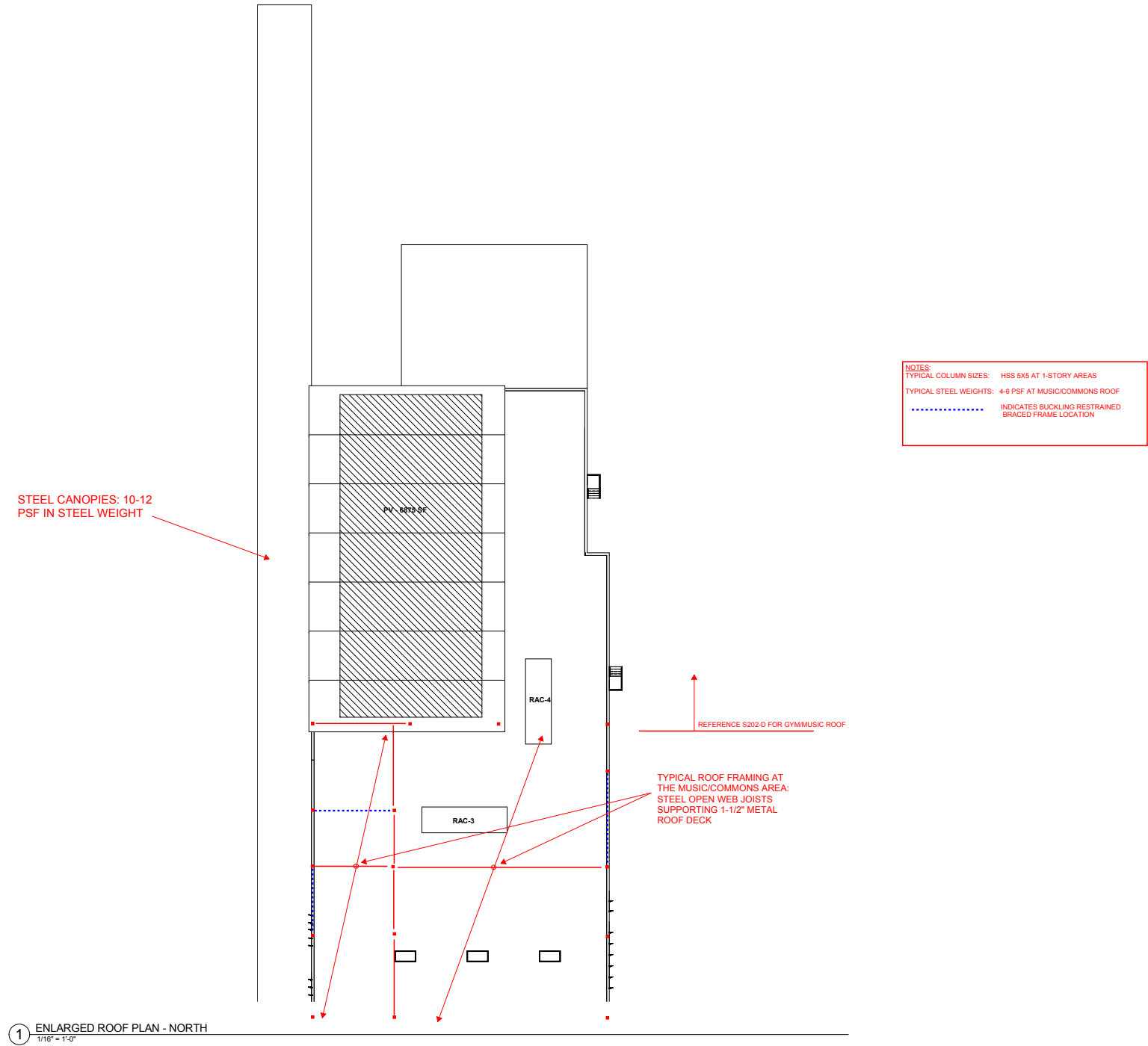
Project # 90031

6.1 Drawings

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NOTES:
 TYPICAL COLUMN SIZES: HSS 5X5 AT 1-STORY AREAS
 TYPICAL STEEL WEIGHTS: 4-6 PSF AT MUSIC/COMMONS ROOF
 INDICATES BUCKLING RESTRAINED BRACED FRAME LOCATION

1 ENLARGED ROOF PLAN - NORTH
 1/16" = 1'-0"



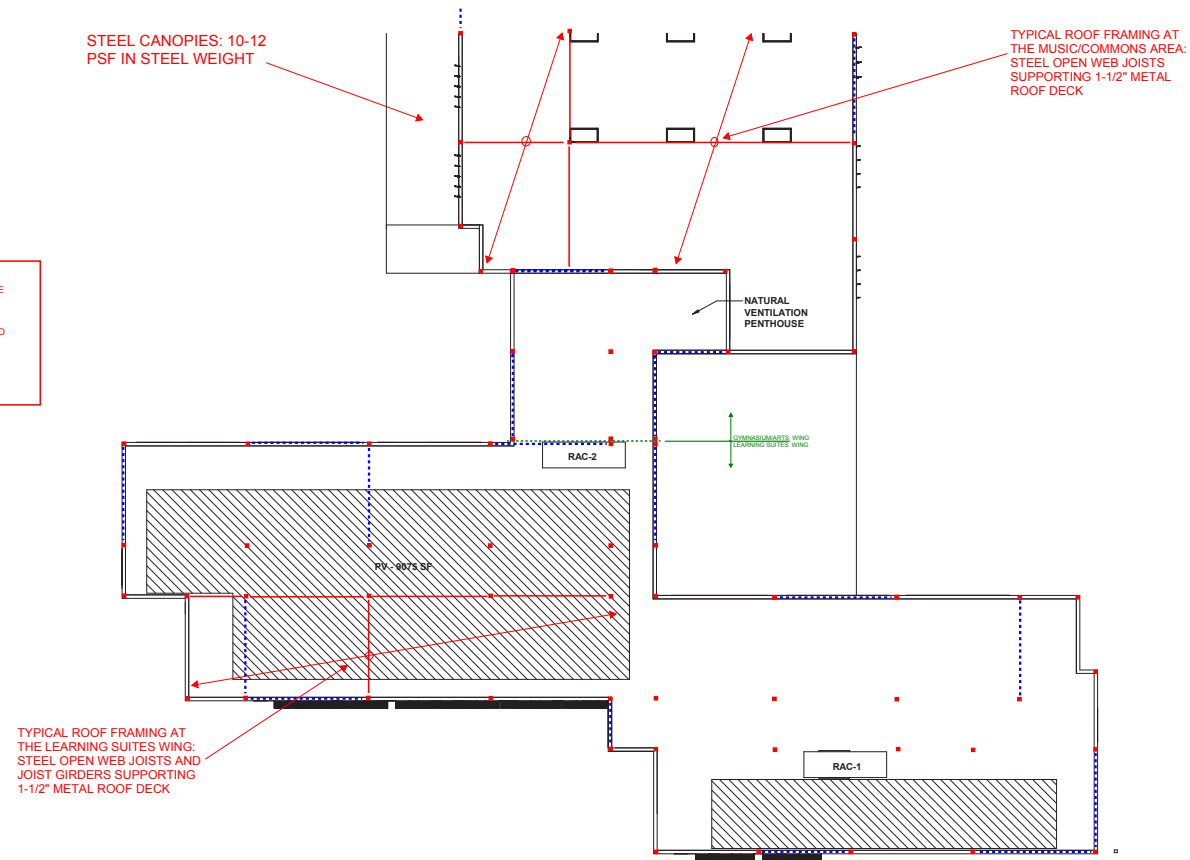
KELLOGG MIDDLE SCHOOL
 6909 POWELL BLVD
 PORTLAND, OR 97206
 SCHEMATIC DESIGN PROGRESS SET
 DATE: 01/26/2018

S-221A
ROOF PLAN - NORTH
 Project # 90031



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NOTES:
 TYPICAL COLUMN SIZES: HSS 5X5 AT 1-STORY AREAS
 W10 STEEL COLUMNS ELSEWHERE
 TYPICAL STEEL WEIGHTS: 4-6 PSF AT ROOF
 - - - - - INDICATES BUCKLING RESTRAINED
 BRACED FRAME LOCATION
 - - - - - INDICATES SEISMIC JOINT



1 ENLARGED ROOF PLAN - SOUTH
 1/16" = 1'-0"



KELLOGG MIDDLE SCHOOL
 6909 POWELL BLVD
 PORTLAND, OR 97206
 SCHEMATIC DESIGN PROGRESS SET
 DATE: 01/26/2018

S-221B
 ROOF PLAN - SOUTH
 Project # 90031

6.1 Drawings

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NOTE: This is a standard symbol list and not all items listed may be used.

MECHANICAL SYMBOL LIST

Abbreviations

AF	ABOVE FINISHED FLOOR
AD	ACCESS DOOR
AC	AIR CONDITIONED
AHU	AIR HANDLING UNIT
BD	BACKDRAFT DAMPER
BFP	BACKFLOW PREVENTER
BF	BELOW FINISHED FLOOR
B	BOLTER
BHP	BRAKE HORSEPOWER
CD	CENTRAL
CL	CENTRAL
CV	CHECK VALVE
CH	CHILLER
COP	COEFFICIENT OF PERFORMANCE
CW	COLD WATER
CD	CONDENSATE DRAIN
CU	CONDENSING UNIT
CONT.	CONTINUATION
CT	COOLING TOWER
CS	DEGREE
DP	DEW POINT, DIFFERENTIAL PRESSURE
DA	DIAMETER
DX	DIRECT EXPANSION
DG	DOOR GRILLE
D	DROP
DB	DRY BULB
EFF	EFFICIENT
ELECT	ELECTRICAL
EL	ELEVATION
EER	ENERGY EFFICIENCY RATING
EAT	ENTERING AIR TEMPERATURE
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
EF	EXHAUST FAN
(E)	EXISTING
FA	FACE AREA
F	FAHRENHEIT
FC	FAN COIL
FEET	FEET
FFM	FEET PER MINUTE
FFS	FEET PER SECOND
FR	FRICTION LOSS
FD	FIRE DAMPER
FC	FLEXIBLE CONNECTOR
FLA	FULL LOAD AMPS
DL	GALLONS
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HD	HEAD
HP	HEAT PUMP
HTR	HEATER
HTR	HEATING
HP	HORSEPOWER
HWC	HOT WATER COIL
IN	INCHES
ID	INSIDE DIAMETER
IE	INSERT ELEVATION
KW	KILOWATT
LH	LEAVING HEAT
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MW	MAKE UP WATER
MM	MINIMUM
MA	MED AIR
MS	MOTOR STARTER
MD	MOTORIZED DAMPER
MH	MOUNTING HEIGHT
(N)	NEW
NC	NOISE CRITERIA
N/A	NOT APPLICABLE
NC	NOT IN CONTRACT
NTS	NOT TO SCALE
N	NUMBER
OC	ON CENTER
OD	OUTSIDE DIAMETER
OA	OUTSIDE AIR
PH	PHASE
LES	POUNDS
PSI	POUNDS PER SQUARE INCH
PD	PRESSURE DROP
PRV	PRESSURE REDUCING VALVE
P	PUMP
QTY	QUANTITY
REF	REFRIGERANT
RL	REFRIGERANT LIQUID
RS	REFRIGERANT SUCTION
RH	RELATIVE HUMIDITY
R/D	RELIEF DAMPER
(R)	RELOCATED/RELOCATED LOCATION
RET	RETURN
RA	RETURN AIR
RPM	REVOLUTIONS PER MINUTE
R	RISE
SEER	SEASONAL ENERGY EFFICIENCY RATING
SH	SENSIBLE HEAT
SOV	SHUT OFF VALVE
SF	SQUARE FEET
SP	STATIC PRESSURE
SA	SUPPLY AIR
T	TEMPERATURE
TD	TEMPERATURE DIFFERENCE
MBH	THOUSAND BTU'S PER HOUR
TH	TOTAL HEAT
TP	TOTAL PRESSURE
UD	UNDER DUT DOOR
VAV	VARIABLE AIR VOLUME
VEL	VELOCITY
V	VOLT
VO	VOLUME DAMPER (HAND OPERATOR)
WC	WATER COLUMN
W	WATT
WB	WET BULB
W	WITH

Dampers

	FIRE DAMPER
	FIRE SMOKE DAMPER
	MOTORIZED DAMPER
	SMOKE DAMPER
	VOLUME DAMPER

Diffusers and Grilles

	DIFFUSER OR GRILLE IDENTIFICATION
	EXHAUST AIR
	RETURN AIR
	SUPPLY AIR

Ductwork Fittings

	ACOUSTICALLY LINED DUCT (SIZES SHOWN ARE NET INSIDE)
	BELLMOUTH
	CONCENTRIC SQUARE TO ROUND
	CONCENTRIC TRANSITION, RECTANGULAR OR ROUND
	ECCENTRIC TRANSITION, RECTANGULAR OR ROUND
	FLEXIBLE CONNECTION
	MITERED ELBOW WITH TURNING VANES
	NON-SYMMETRICAL WYE
	RADIUSED ELBOW
	RECTANGULAR DUCT DROP
	RECTANGULAR DUCT RISER
	RECTANGULAR MAIN WITH RECTANGULAR BRANCH
	RECTANGULAR MAIN WITH ROUND BRANCH
	RECTANGULAR OFFSET LESS THAN 15%/4
	RECTANGULAR OFFSET MORE THAN 15%/4
	ROUND DUCT DROP
	ROUND DUCT RISER
	ROUND DUCT WITH ROUND BRANCH
	ROUND WYE
	SYMMETRICAL WYE

Equipment

	CHILLER, AIR COOLED
	CHILLER, WATER COOLED
	COOLING TOWER
	DEMOLISH
	EXISTING WORK
	NEW WORK
	AIR SEPARATOR
	BACKFLOW PREVENTER
	CAP
	EXPANSION JOINT
	EXPANSION LOOP
	EXPANSION TANK
	HEAT EXCHANGER
	HOSE BIB
	MANUAL AIR VENT
	PIPE BELOW GRADE
	PIPE DROP
	PIPE REMOVED IN DEMOLITION
	PIPE RISE
	PIPE TO DRAIN
	PRESSURE GAUGE WITH COOK
	PRESSURE RELIEF VALVE
	PRESSURE SENSOR
	PUMP
	SHOCK ABSORBER
	T&P RELIEF VALVE WITH PIPE TO DRAIN

General

	LIMIT OF DEMOLITION
	DEMOLISH
	EXISTING WORK
	NEW WORK

Piping Fittings, Appurtenances and Equipment

	CHILLED WATER RETURN
	CHILLED WATER SUPPLY
	CONDENSER WATER RETURN
	CONDENSER WATER SUPPLY
	HEATING WATER RETURN
	HEATING WATER SUPPLY
	REFRIGERANT LIQUID
	REFRIGERANT SUCTION

Piping Valves

	BALANCING VALVE
	CHECK VALVE
	CONTROL VALVE
	GATE VALVE
	GLOBE VALVE
	PRESSURE REDUCING VALVE
	QUARTER TURN VALVE
	VALVE, GENERAL

GENERAL MECHANICAL NOTES

A. XXXX
B. XXXX

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M-01D	ZONING PLAN - DM
M-01E	ZONING PLAN - WEST LEARNING SUITES
M-01F	ZONING PLAN - EAST LEARNING SUITES
M-01G	ZONING PLAN - WEST LEARNING SUITES
M-01H	ZONING PLAN - EAST LEARNING SUITES
M-01I	ZONING PLAN - WEST LEARNING SUITES
M-01J	ZONING PLAN - EAST LEARNING SUITES
M-01K	ZONING PLAN - WEST LEARNING SUITES
M-01L	ZONING PLAN - EAST LEARNING SUITES
M-01M	ZONING PLAN - WEST LEARNING SUITES
M-01N	ZONING PLAN - EAST LEARNING SUITES
M-01O	ZONING PLAN - WEST LEARNING SUITES
M-01P	ZONING PLAN - EAST LEARNING SUITES
M-01Q	ZONING PLAN - WEST LEARNING SUITES
M-01R	ZONING PLAN - EAST LEARNING SUITES
M-01S	ZONING PLAN - WEST LEARNING SUITES
M-01T	ZONING PLAN - EAST LEARNING SUITES
M-01U	ZONING PLAN - WEST LEARNING SUITES
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M-02S	ROOF PLAN - DM



KELLOGG MIDDLE SCHOOL
6909 POWELL BLVD
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SCHEMATIC DESIGN
DATE: 01/25/2018

M-001
SYMBOLS LISTS AND GENERAL NOTES -
MECHANICAL



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AIR HANDLING UNIT SCHEDULE																																			
BASIS OF DESIGN		SUPPLY FAN						RETURN FAN						DX COOLING COIL				GAS FURNACE		AIR SOURCE CONDENSER		PRE-FILTER		FINAL FILTER		ELECTRICAL									
SYMBOL	AREA SERVED	MFR	MODEL	TOTAL CFM	MIN CFM	ESP (IN H2O)	FAN TYPE	# OF FANS	MHP	VFD (Y/N)	TOTAL CFM	ESP (IN H2O)	FAN TYPE	# OF FANS	MHP	VFD (Y/N)	TOTAL CAP (MBH)	SENS CAP (MBH)	FACE VELOCITY (FPM)	ARD (IN H2O)	INPUT (MBH)	OUTPUT (MBH)	MIN EFF	NOM TONS	AMBIENT DB (°F)	EER OR SEER	FACE SEER (EER)	FACE SEER (EER)	YEL (EER)	EMERG POWER (Y/N)	APPROX DMS (L/W/H)	MAX WT (LBS)	NOTES		
RAC-1	EAST CLASSROOM WING	TRANE																																	
RAC-2	WEST CLASSROOM WING	TRANE																																	
RAC-3	COMMONS	TRANE																																	
RAC-4	GYMNASIUM	TRANE																																	
MAJ-1	KITCHEN	TRANE		8000	6000																														

BOILER SCHEDULE																					
BASIS OF DESIGN		MAX GROSS INPUT (MBH)	MIN GROSS OUTPUT (MBH)	MIN EFF. (AFUE)	GAS CONN. SIZE	TURN DOWN RATIO	FLUE RATE (GPM)	ENTER WATER TEMP. (°F)	LEAVING WATER TEMP. (°F)	WFD (FTH2O)	HW CONN. SIZE	VOLTS	PH	FLA	EMERG POWER (Y/N)	CONTROLS REF	APPROX DMS (L/W/H)	MAX WT (LBS)	NOTES		
B-1	HEATING WATER SYSTEM	2000																			
B-2	HEATING WATER SYSTEM	2000																			

PUMP SCHEDULE															
BASIS OF DESIGN		PUMP TYPE	PUMP SIZE	IMPELLER SIZE	FLUID TYPE	RPM	EFFICIENCY %	FLOW RATE (GPM)	HEAD (FT. H2O)	VOLTS	PH	BHP	MHP	MAX WT (LBS)	NOTES
HWP-1	BAG														
HWP-2	BAG														

FAN SCHEDULE																				
BASIS OF DESIGN		MFR	MODEL	TYPE	DRIVE	AIR FLOW (CFM)	TSP (IN H2O)	MAX RPM	SOUND (SONES)	VOLTS	PH	MHP	VFD (Y/N)	STARTER (Y/N)	EMERG POWER (Y/N)	CONTROLS REF	APPROX DMS (L/W/H)	MAX WT (LBS)	NOTES	
EF-1	KITCHEN	GREENHECK	CE																	
EF-2	SIGNALWING	GREENHECK	CE																	
EF-3	CLASSROOM WING RESTROOMS	GREENHECK	GE																	
EF-4	GYMCOMMONS RESTROOMS	GREENHECK	GE																	

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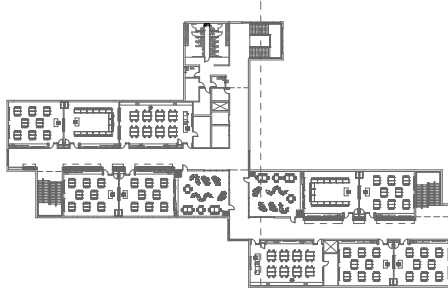
6.1 Drawings

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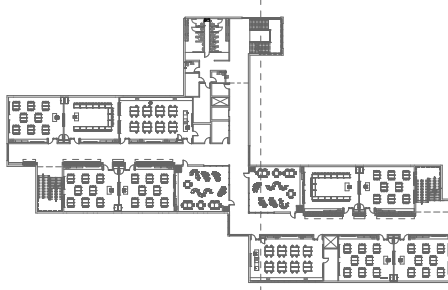
M-002
SCHEDULES - MECHANICAL
 Project # 2017-0346



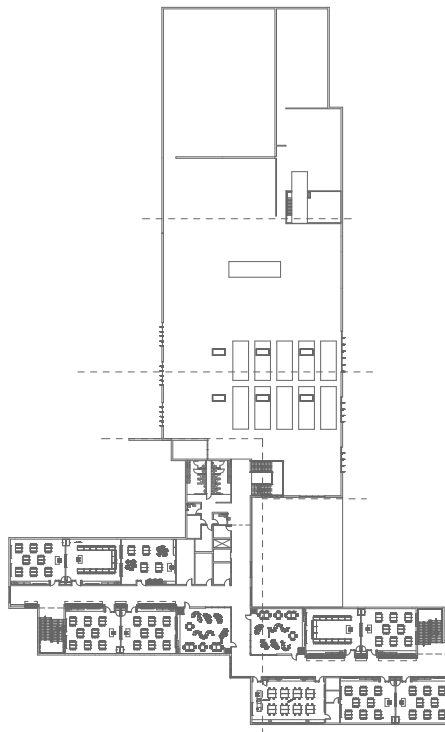
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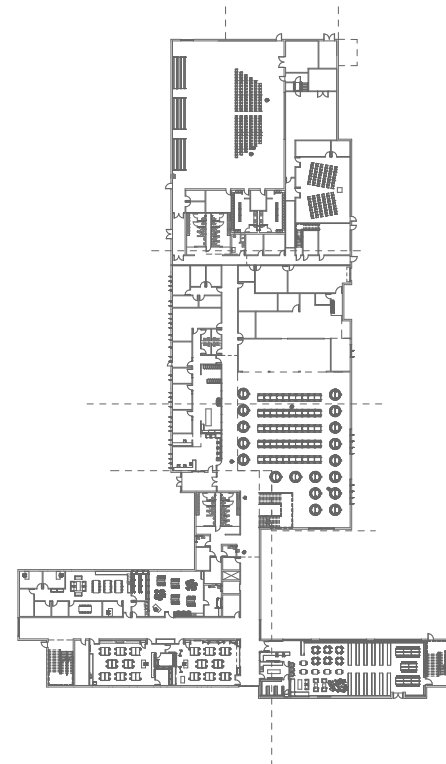
④ FOURTH LEVEL MECHANICAL PLAN - OVERALL
 1/32" = 1'-0"



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



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



① FIRST LEVEL MECHANICAL PLAN - OVERALL
 1/32" = 1'-0"

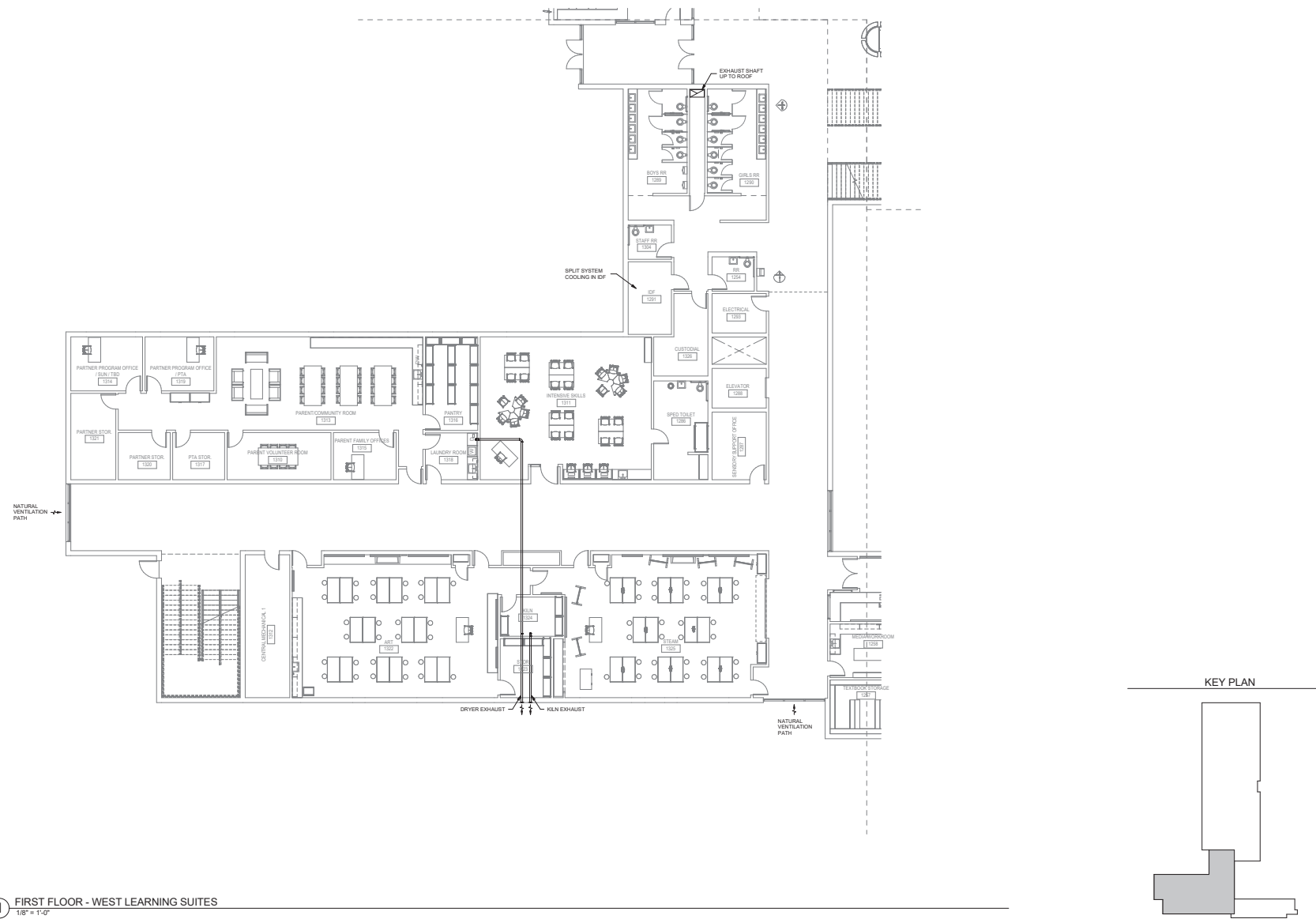


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M-201
OVERALL FLOOR PLANS – KEY PLANS
 Project # 2017-0346



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1 FIRST FLOOR - WEST LEARNING SUITES
 1/8" = 1'-0"



February 2017 (2018)
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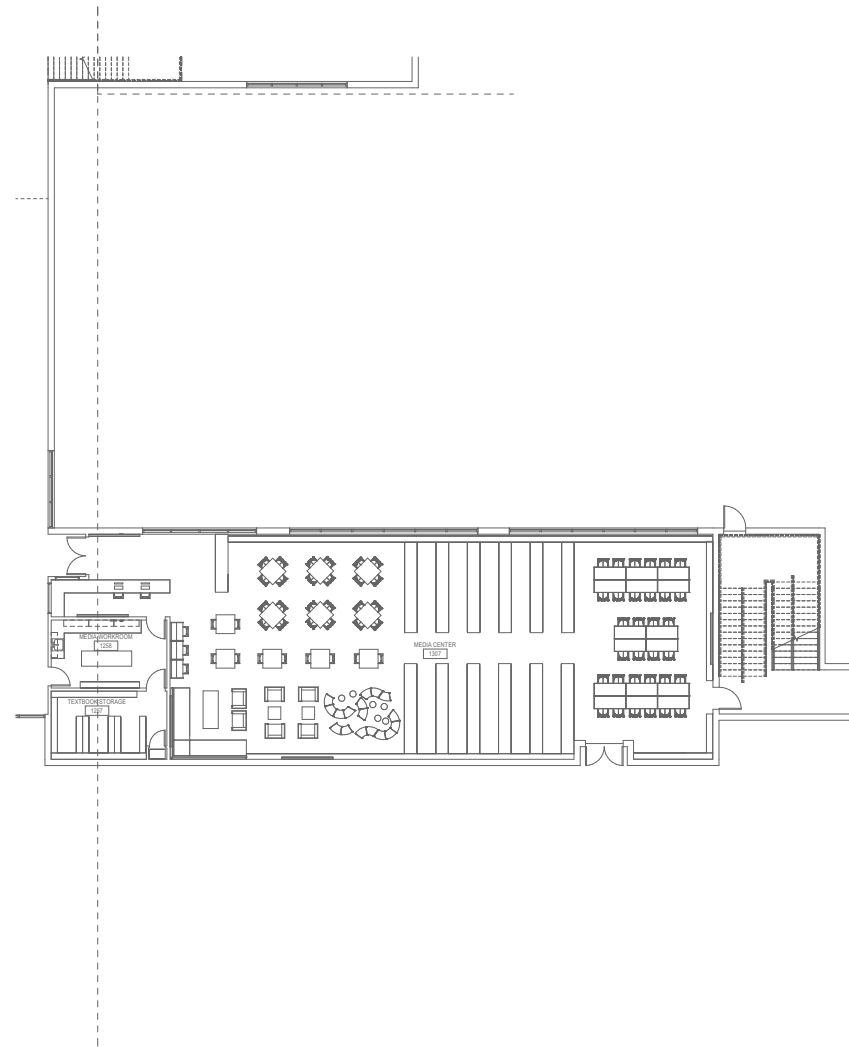
M-201A
 FIRST FLOOR - WEST LEARNING SUITES
 Project # 2017-0346

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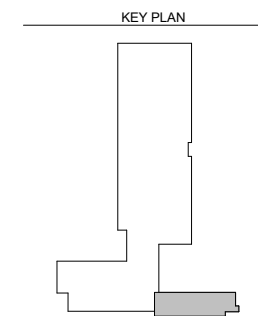
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1 FIRST FLOOR - EAST LEARNING SUITES
 1/8" = 1'-0"

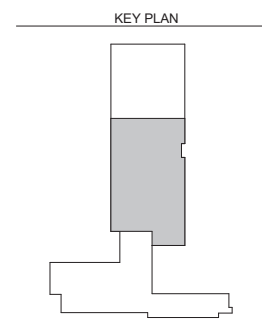
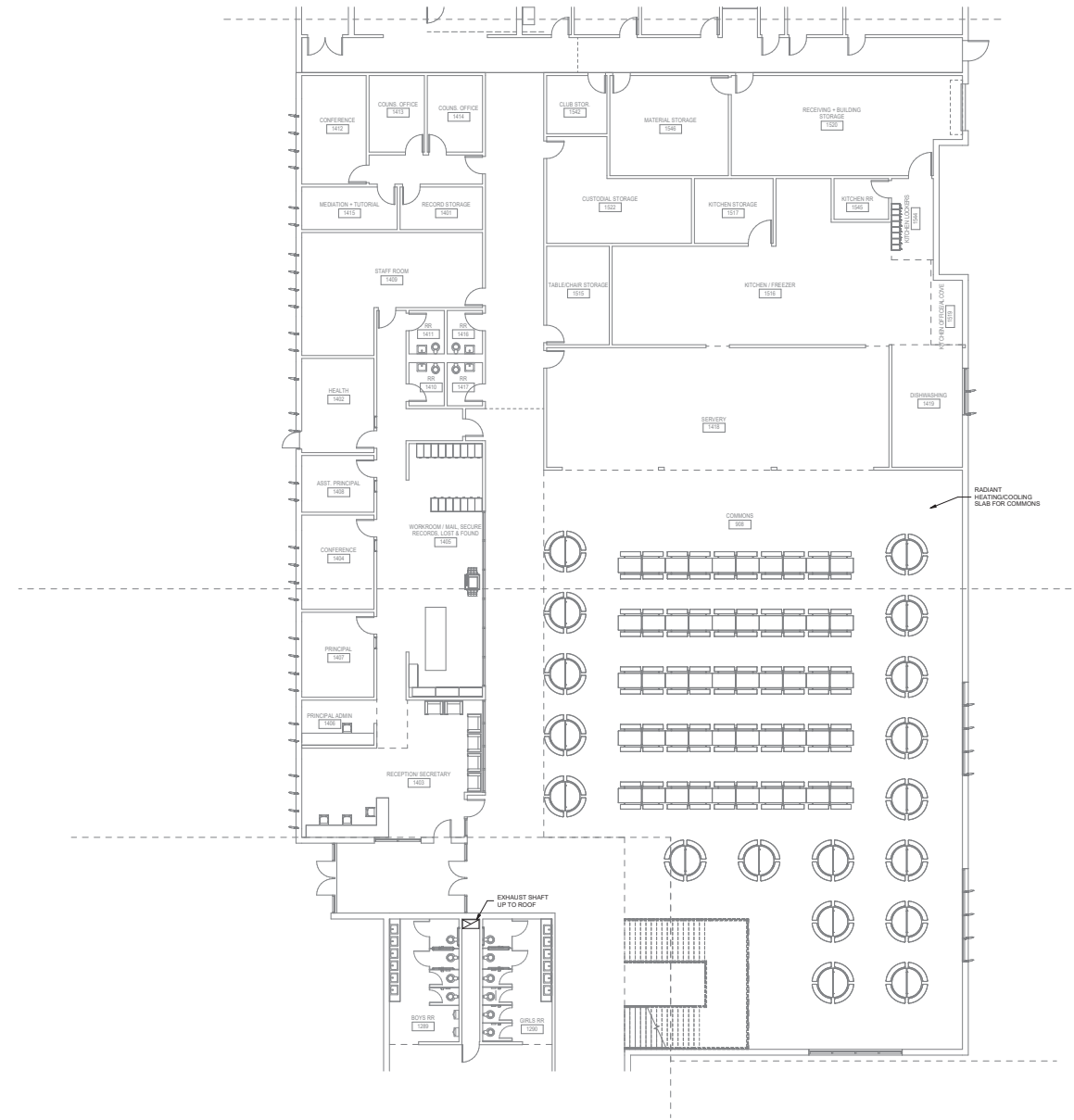


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M-201B
 FIRST FLOOR - EAST LEARNING SUITES
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1 FIRST FLOOR - COMMONS
 1/8" = 1'-0"



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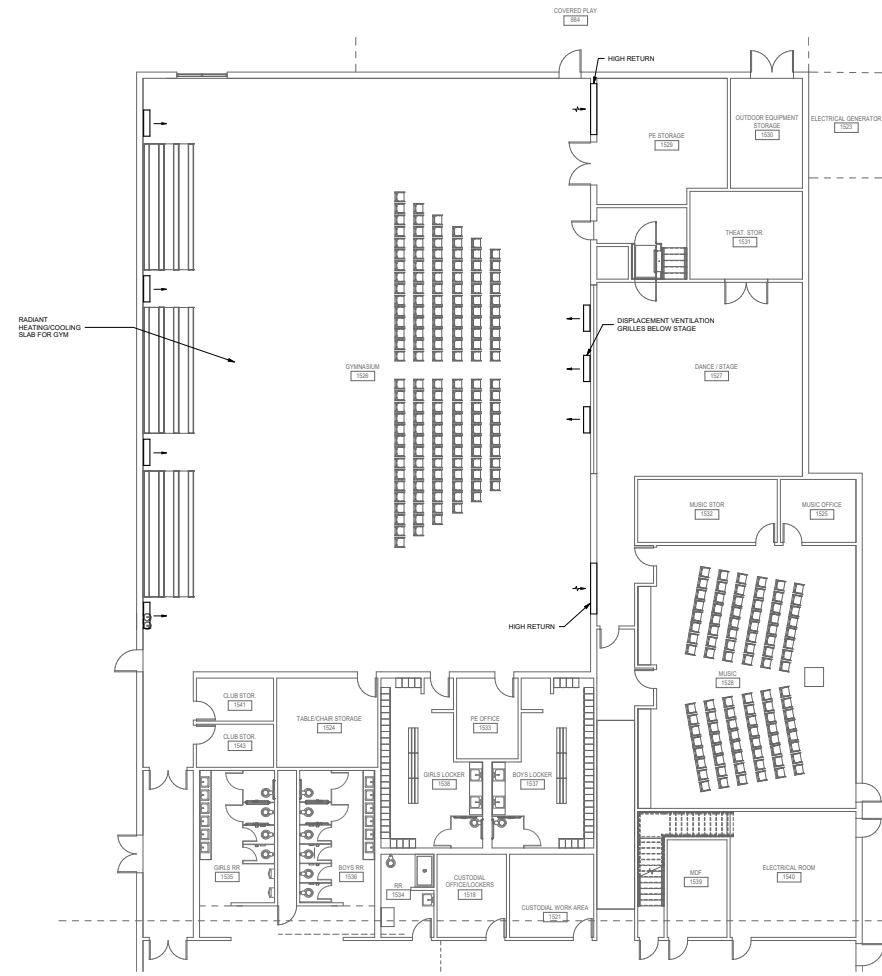
M-201C
FIRST FLOOR - COMMONS
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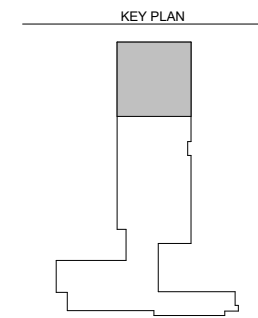
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1 FIRST FLOOR - GYM
 1/8" = 1'-0"

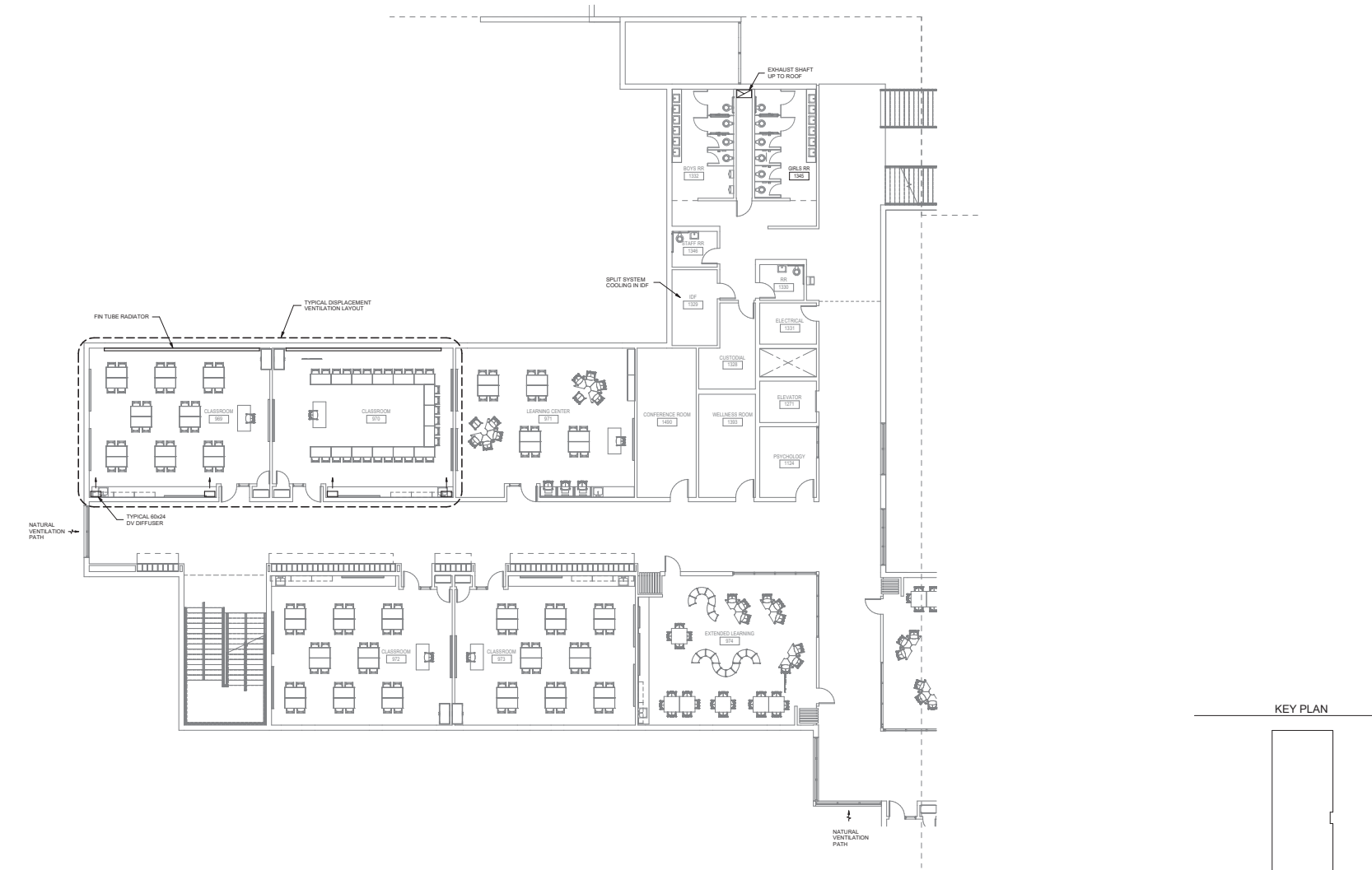


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M-201D
 FIRST FLOOR - GYM
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1 SECOND FLOOR - WEST LEARNING SUITES
 1/8" = 1'-0"



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M-202A
 SECOND FLOOR - WEST LEARNING SUITES
 Project # 2017-0346

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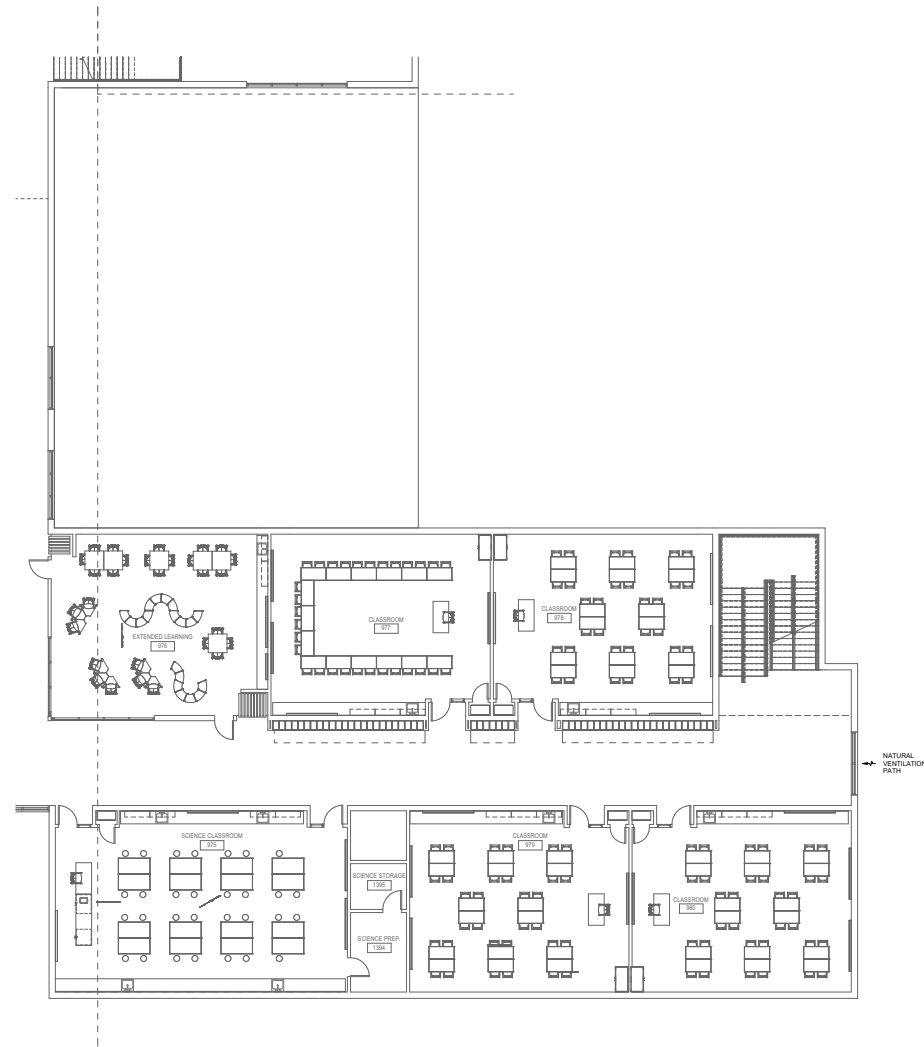
6.1 Drawings

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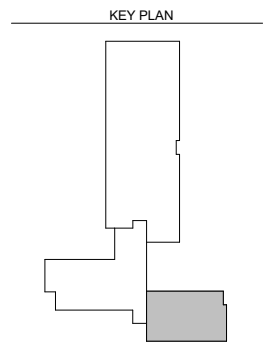


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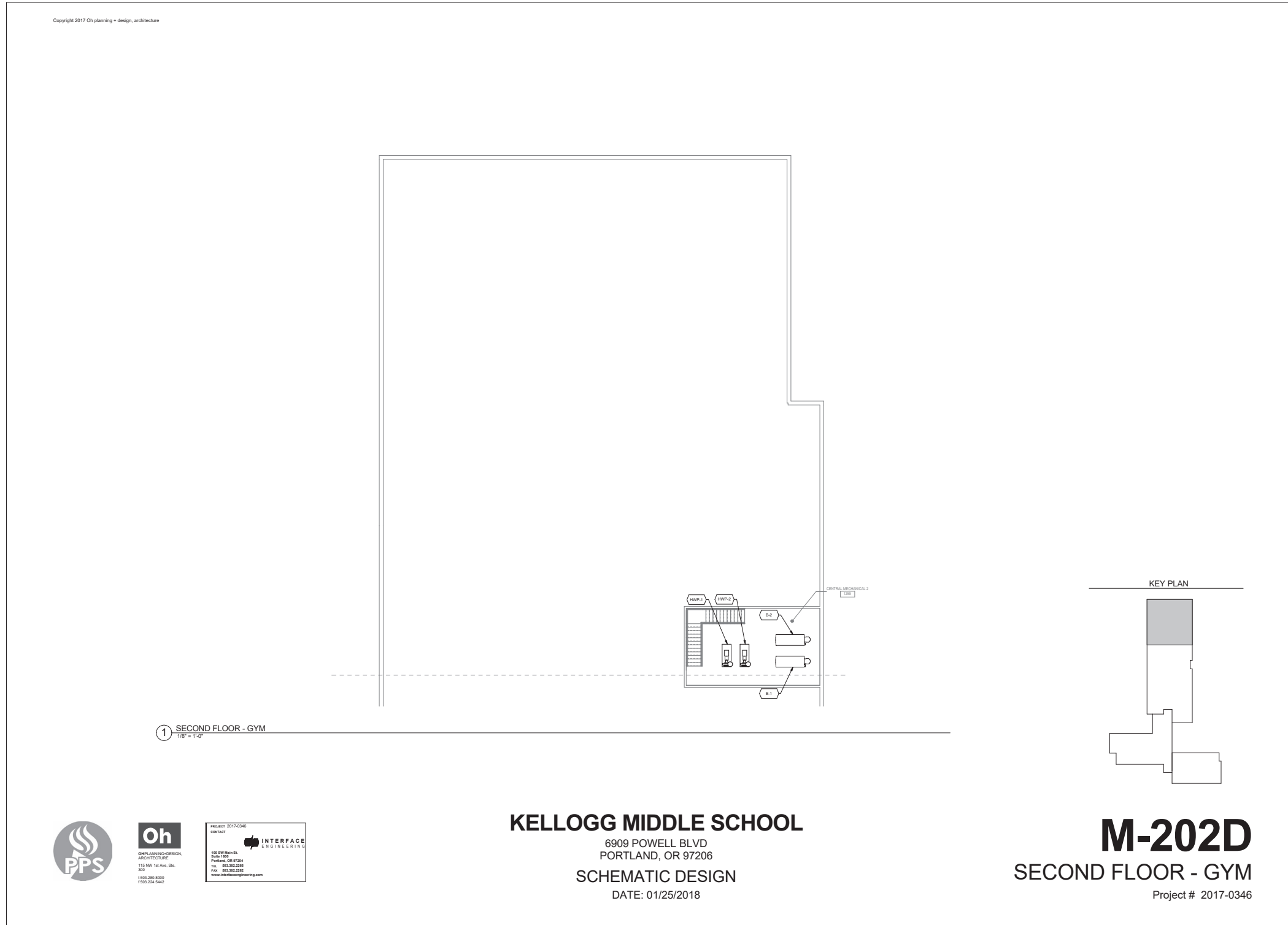
NATURAL VENTILATION PATH

1 SECOND FLOOR - EAST LEARNING SUITES
 1/8" = 1'-0"



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M-202B
 SECOND FLOOR - EAST LEARNING SUITES
 Project # 2017-0346



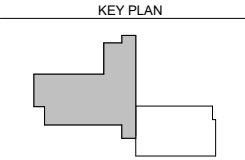
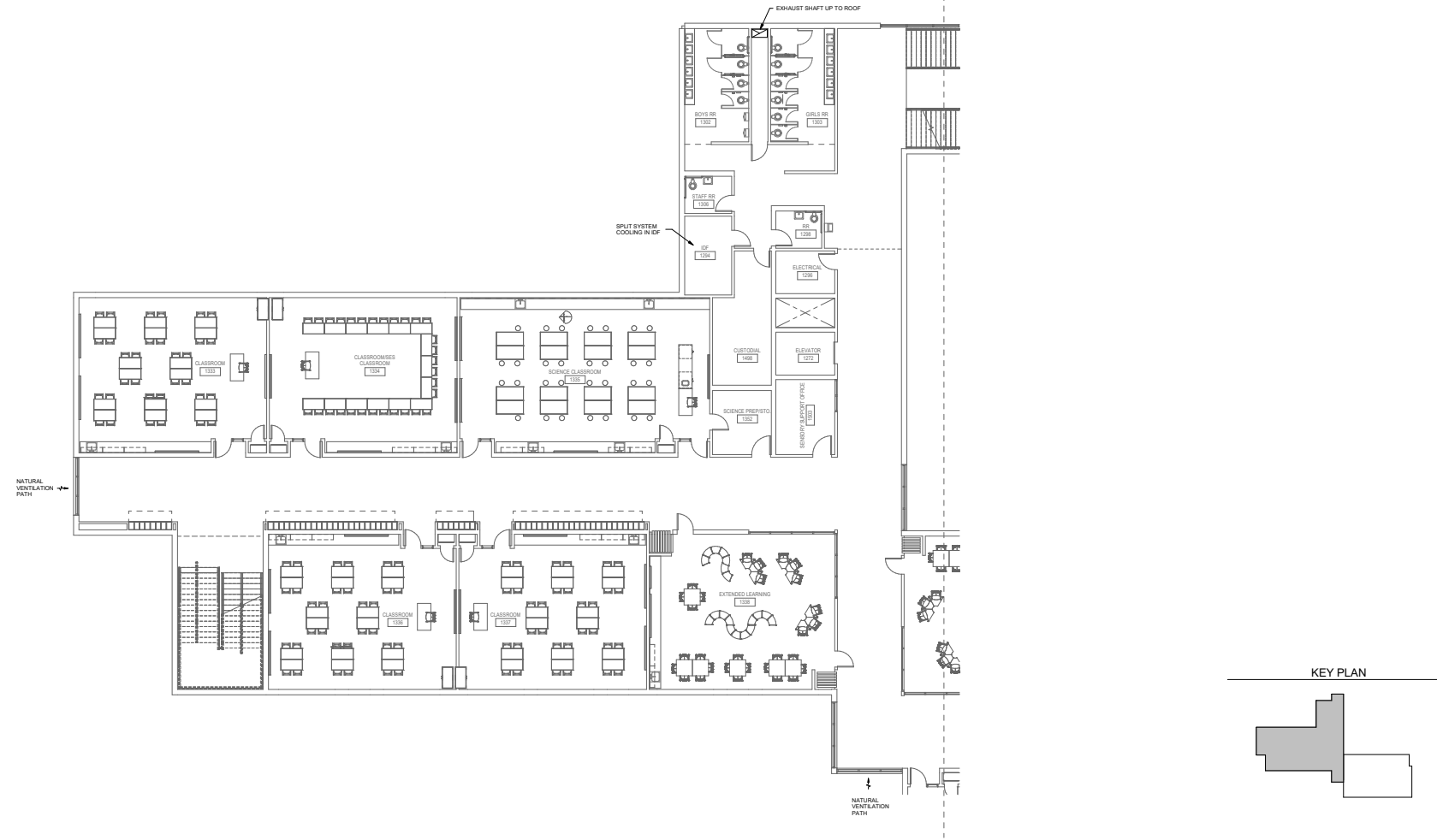
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KELLOGG MIDDLE SCHOOL
 PORTLAND PUBLIC SCHOOL DISTRICT
 02/01/18

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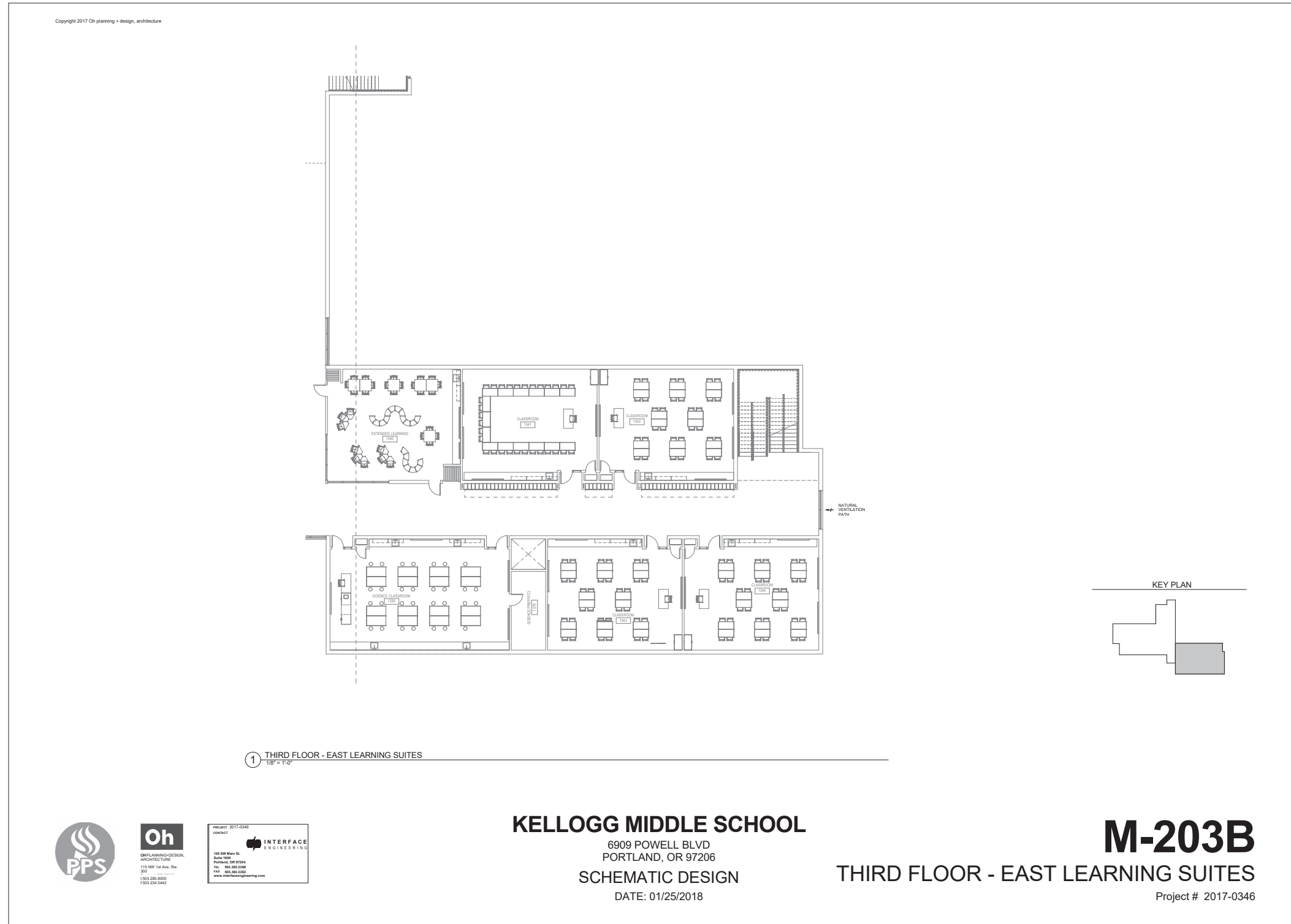
1 THIRD FLOOR - WEST LEARNING SUITES
 1/8" = 1'-0"



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M-203A
 THIRD FLOOR - WEST LEARNING SUITES
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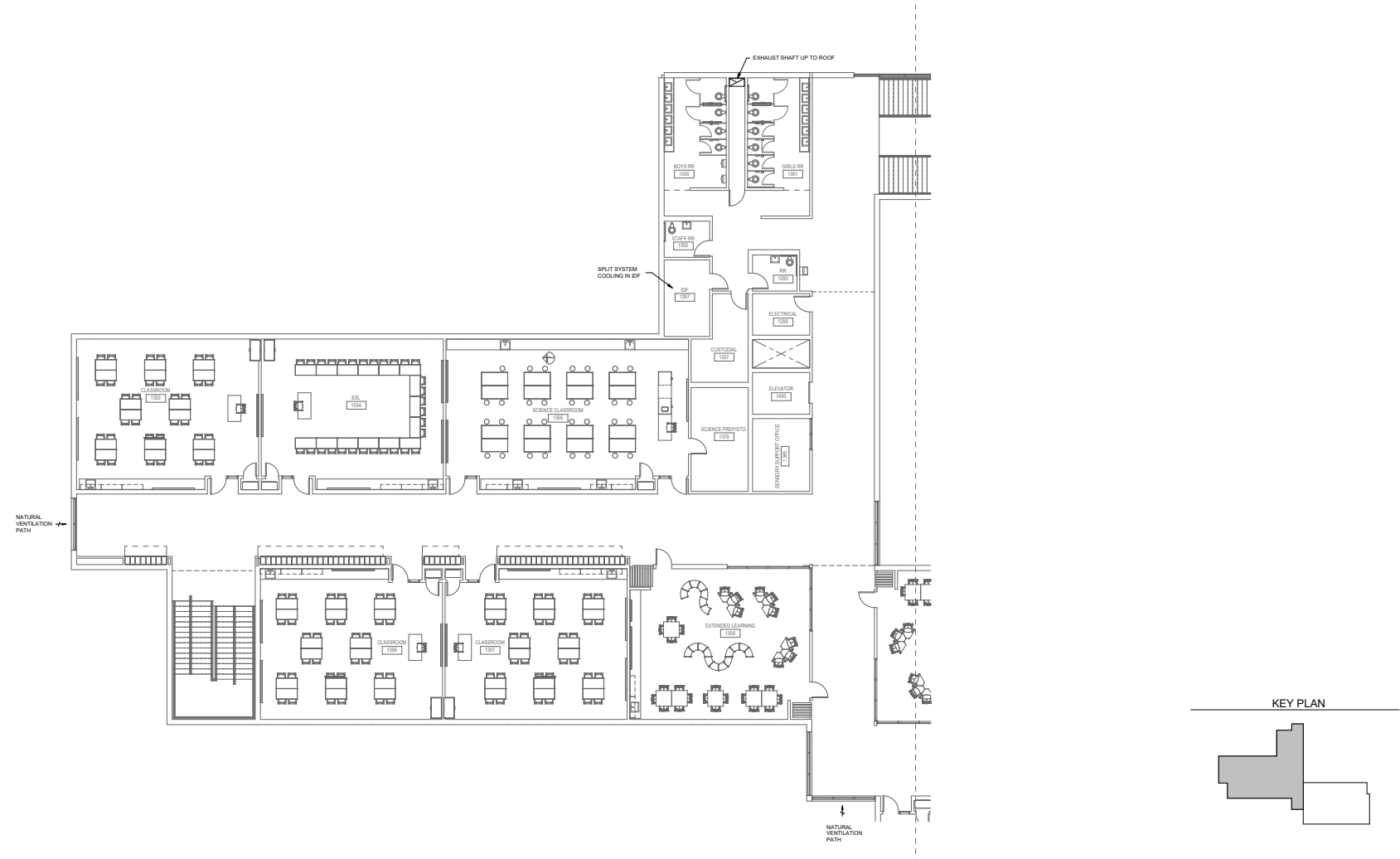
M-203B
 THIRD FLOOR - EAST LEARNING SUITES
 Project # 2017-0346

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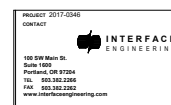
6.1 Drawings



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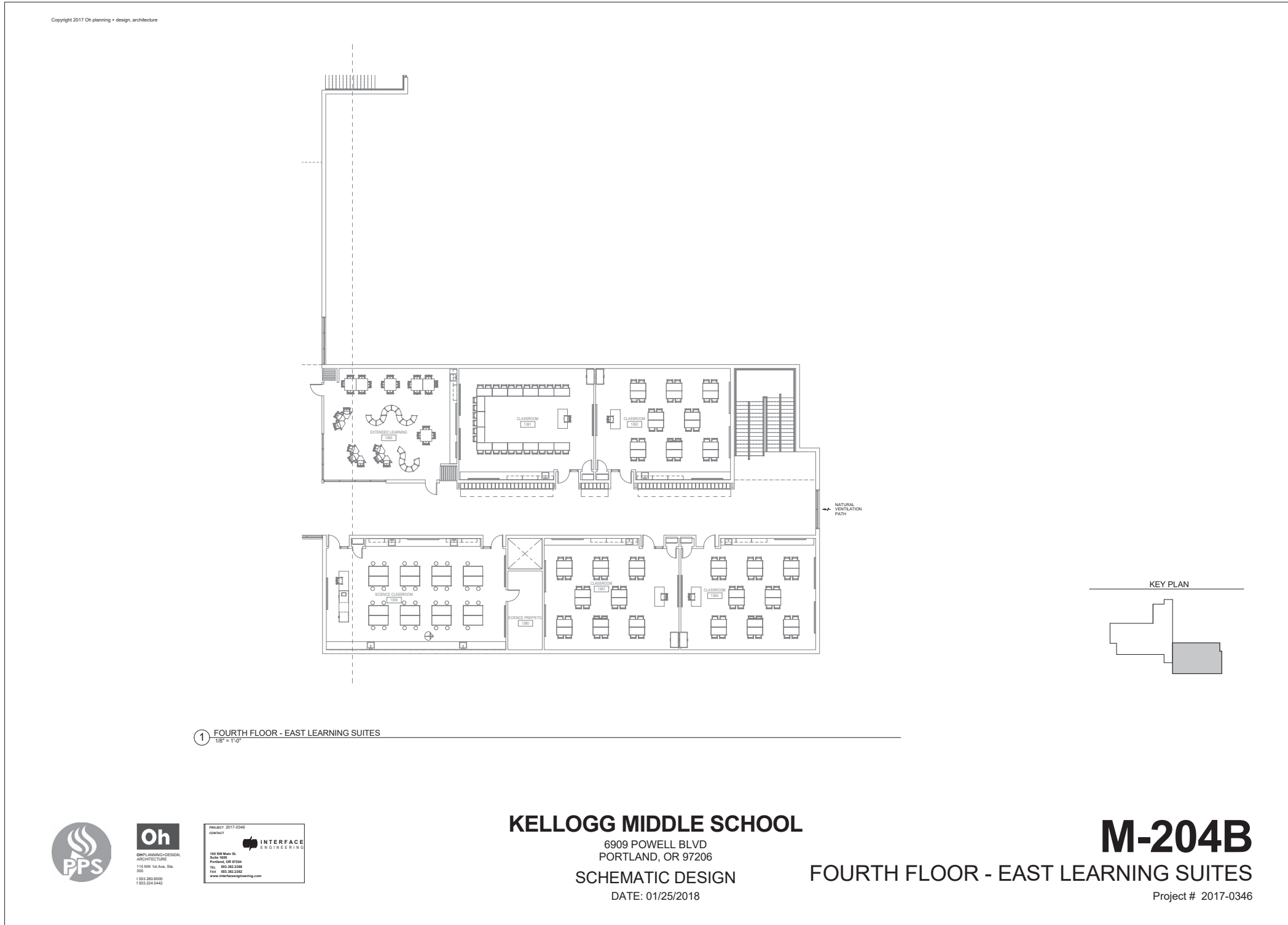


1 FOURTH FLOOR - WEST LEARNING SUITES
 1/8" = 1'-0"



KELLOGG MIDDLE SCHOOL
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 SCHEMATIC DESIGN
 DATE: 01/25/2018

M-204A
 FOURTH FLOOR - WEST LEARNING SUITES
 Project # 2017-0346



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6.1 Drawings

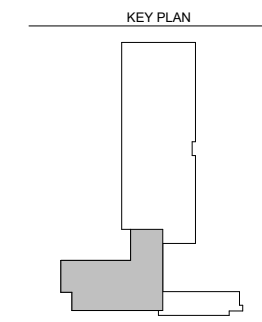
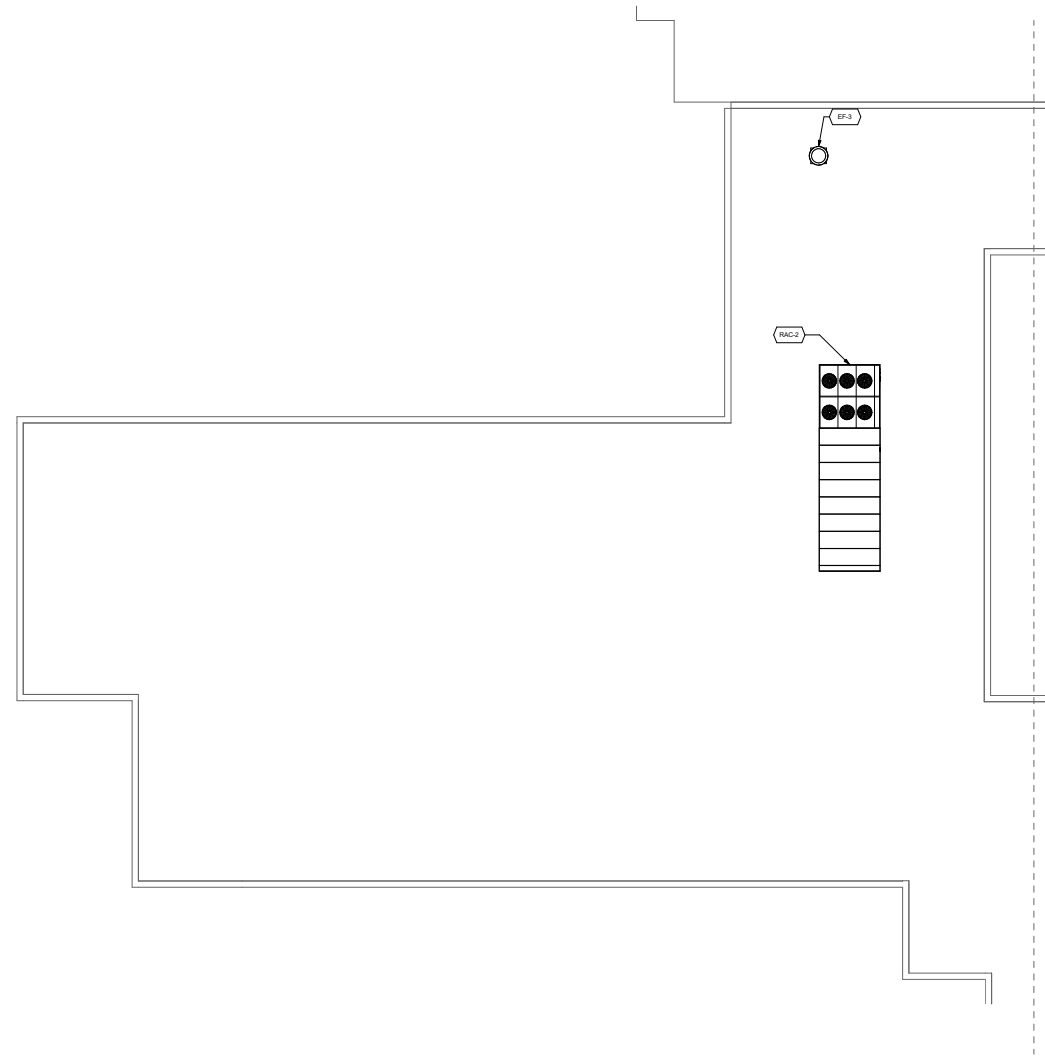


KELLOGG MIDDLE SCHOOL
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 PORTLAND, OR 97206
 SCHEMATIC DESIGN
 DATE: 01/25/2018

M-204B
FOURTH FLOOR - EAST LEARNING SUITES
 Project # 2017-0346



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1 ROOF PLAN - WEST LEARNING SUITES
 1/8" = 1'-0"

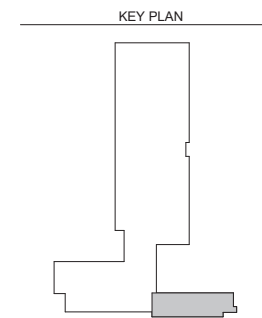
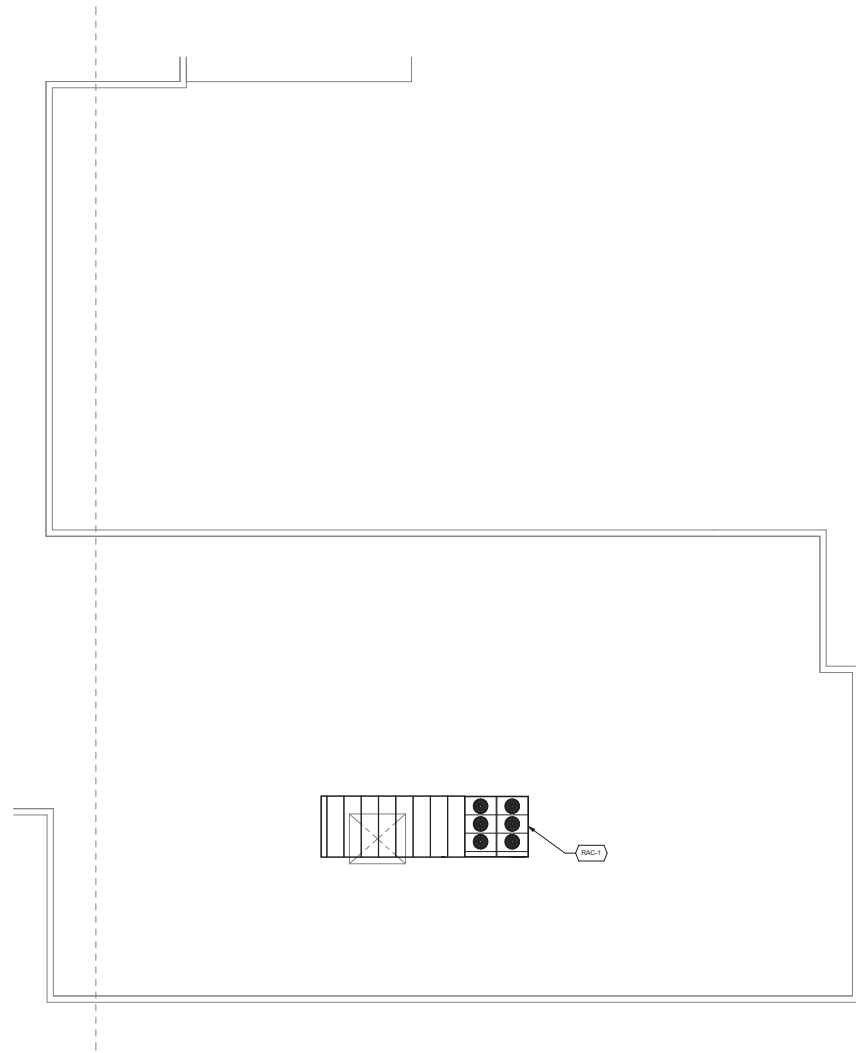


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 DATE: 01/25/2018

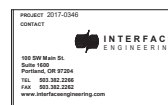
M-221A
 ROOF PLAN - WEST LEARNING SUITES
 Project # 2017-0346



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1 ROOF PLAN - EAST LEARNING SUITES
1/8" = 1'-0"



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DATE: 01/25/2018

M-221B
ROOF PLAN - EAST LEARNING SUITES
Project # 2017-0346

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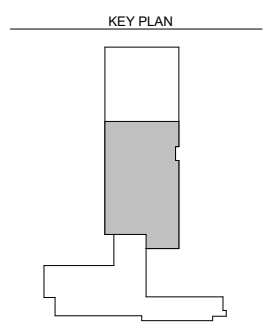
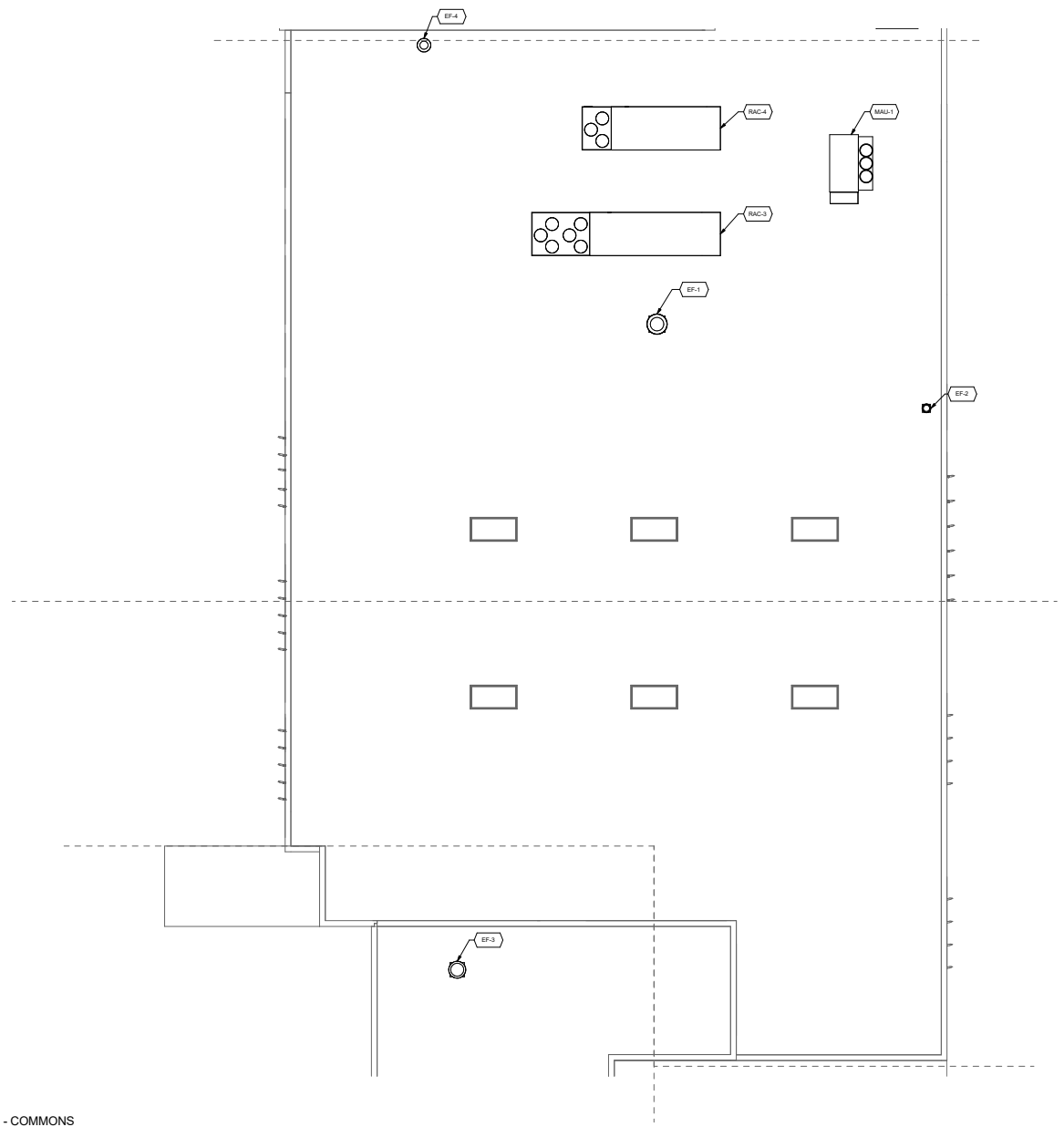
6.1 Drawings

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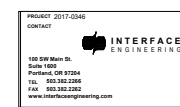
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1 ROOF PLAN - COMMONS
 1/8" = 1'-0"

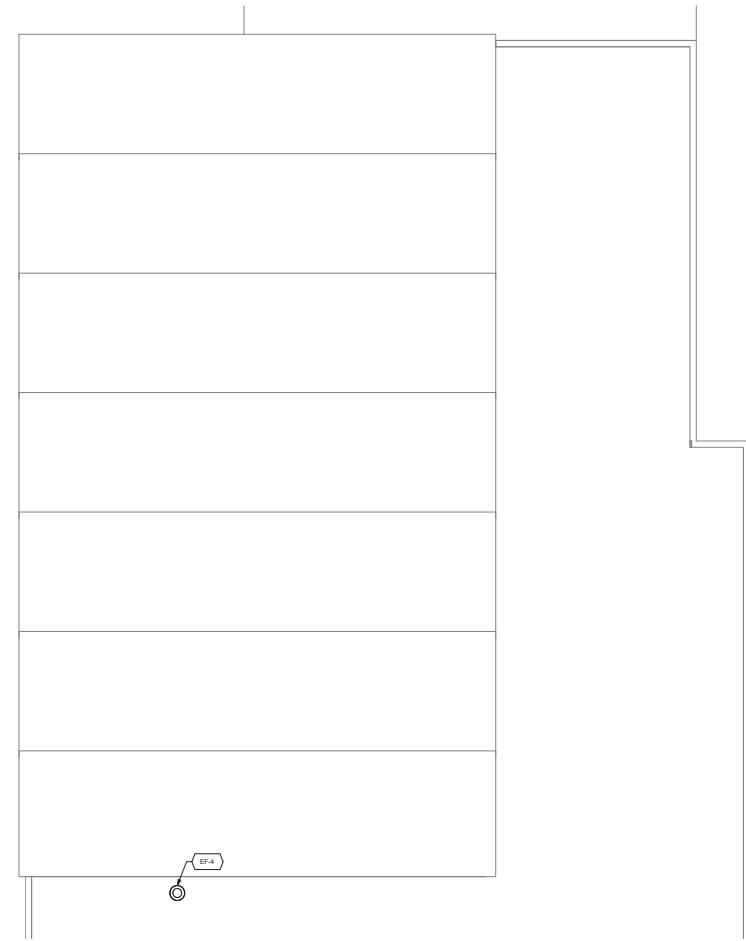


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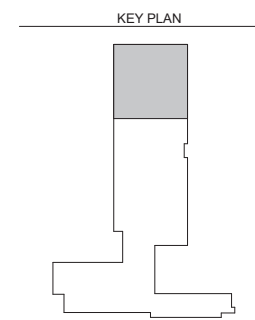
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 ROOF PLAN - COMMONS
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1 ROOF PLAN - GYM
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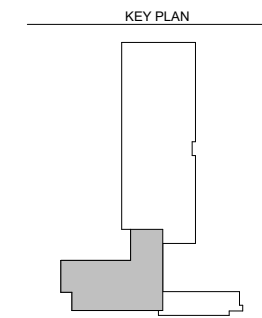
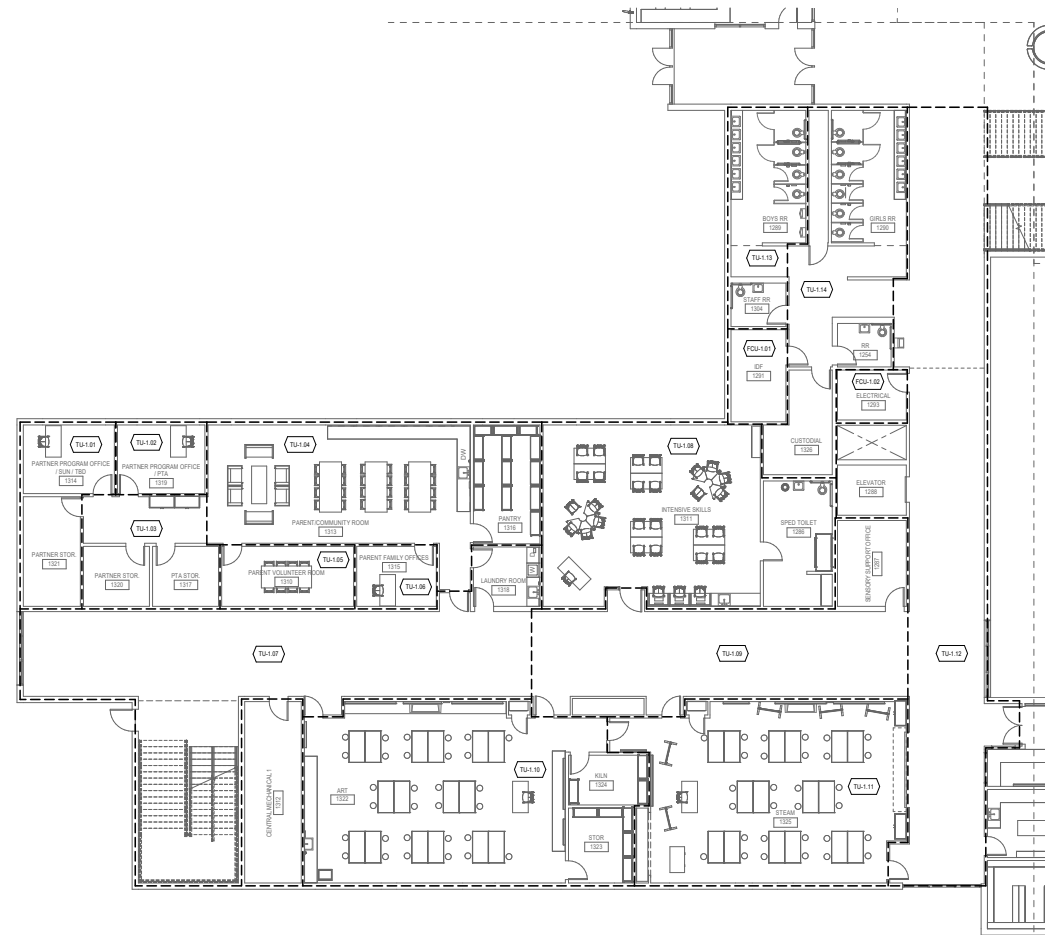
M-221D
 ROOF PLAN - GYM
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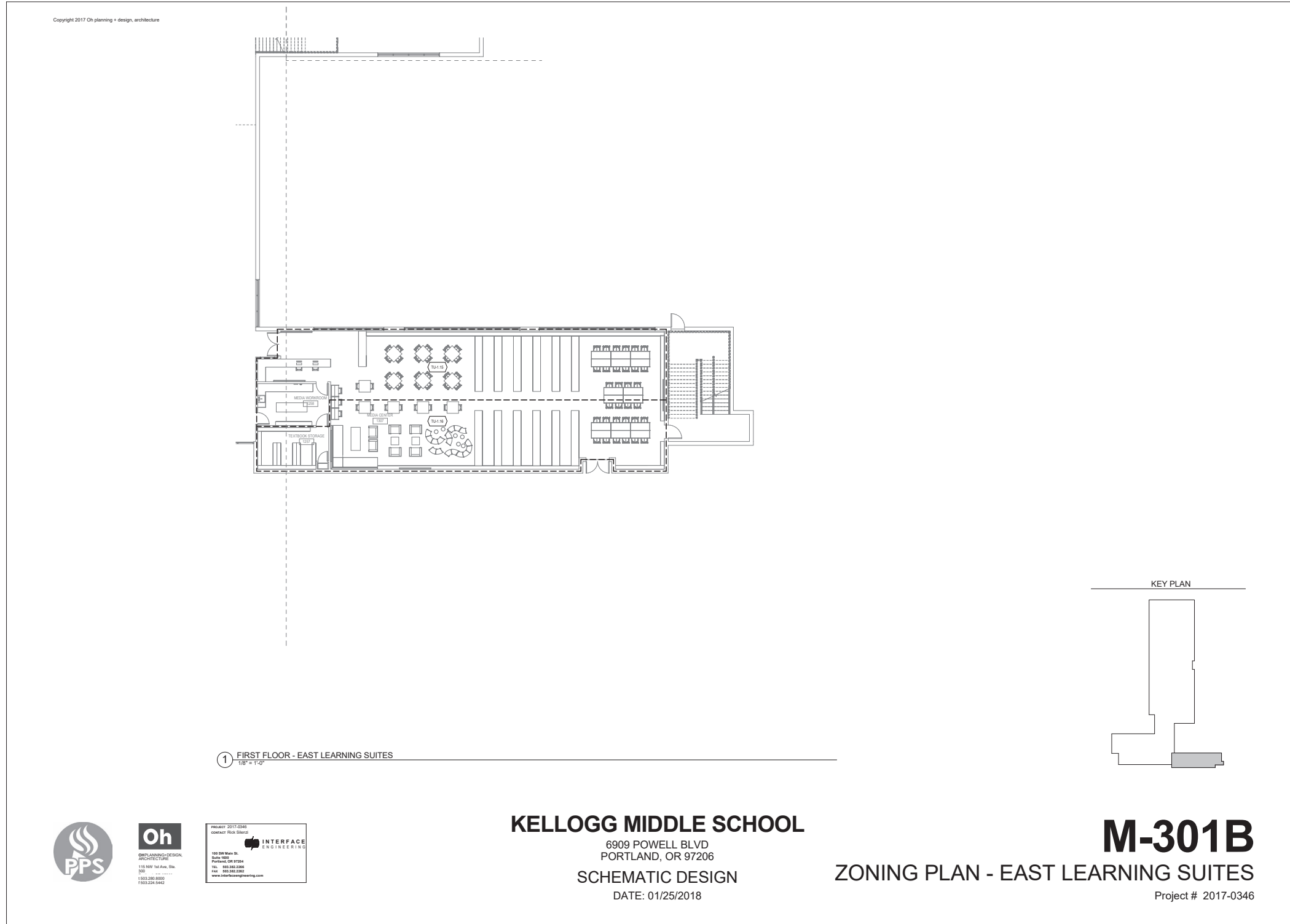


1 ZONING PLAN - WEST LEARNING SUITES
 1/8" = 1'-0"



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M-301A
 ZONING PLAN - WEST LEARNING SUITES
 Project # 2017-0346



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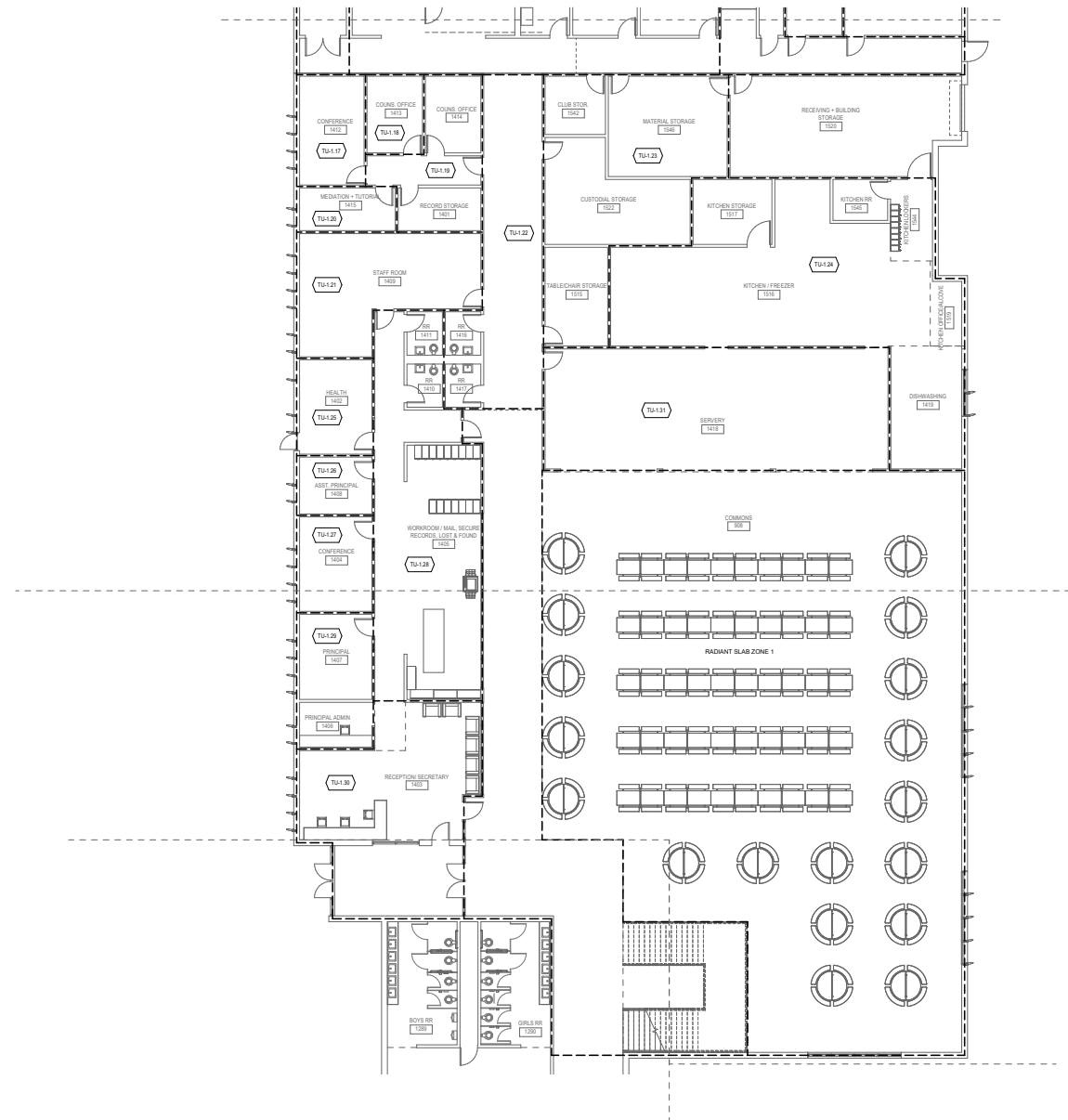


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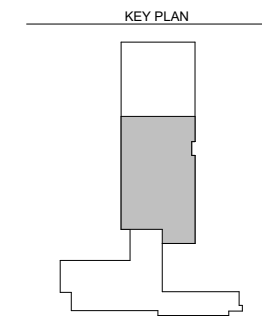
M-301B
ZONING PLAN - EAST LEARNING SUITES
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1 FIRST FLOOR - COMMONS
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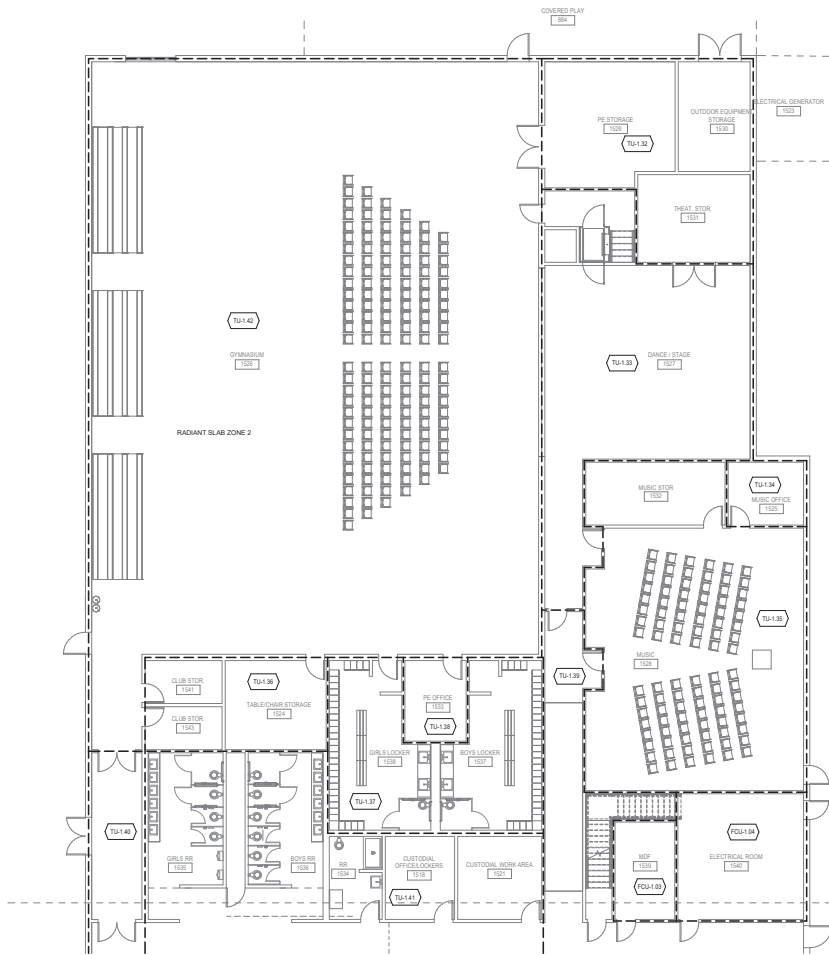


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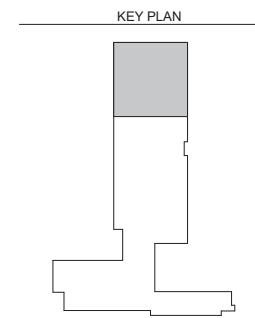
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1 FIRST FLOOR - GYM
 1/8" = 1'-0"



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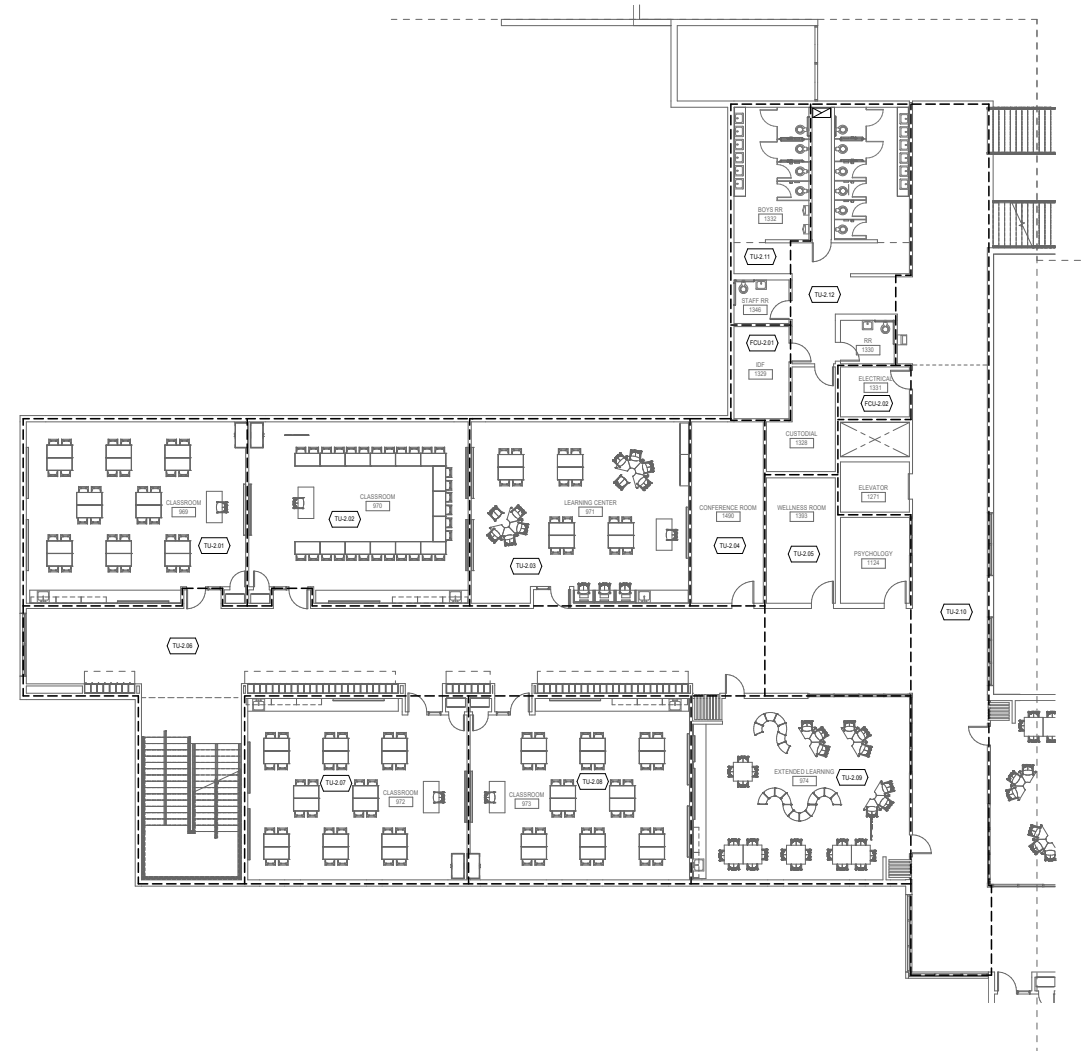
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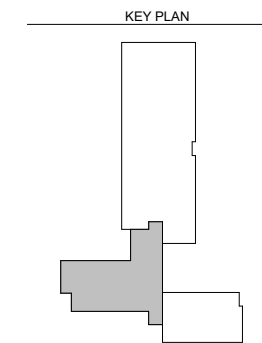


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 02/01/18

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1 SECOND FLOOR - WEST LEARNING SUITES
 1/8" = 1'-0"

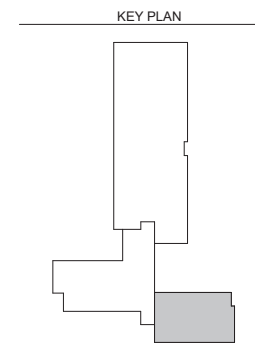
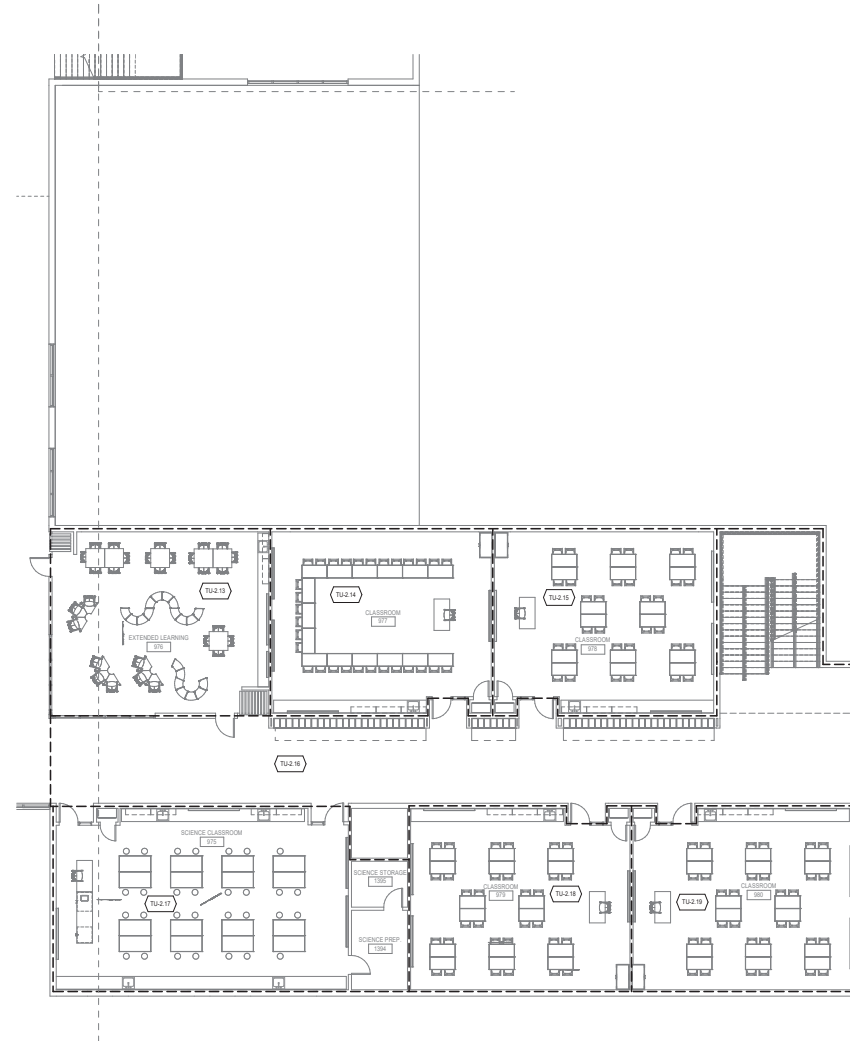


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 DATE: 01/25/2018

M-302A
 ZONING PLAN - WEST LEARNING SUITES
 Project # 2017-0346



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1 SECOND FLOOR - EAST LEARNING SUITES
 1/8" = 1'-0"



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 SCHEMATIC DESIGN
 DATE: 01/25/2018

M-302B
 ZONING PLAN - EAST LEARNING SUITES
 Project # 2017-0346

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1

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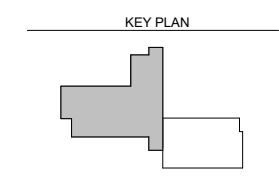
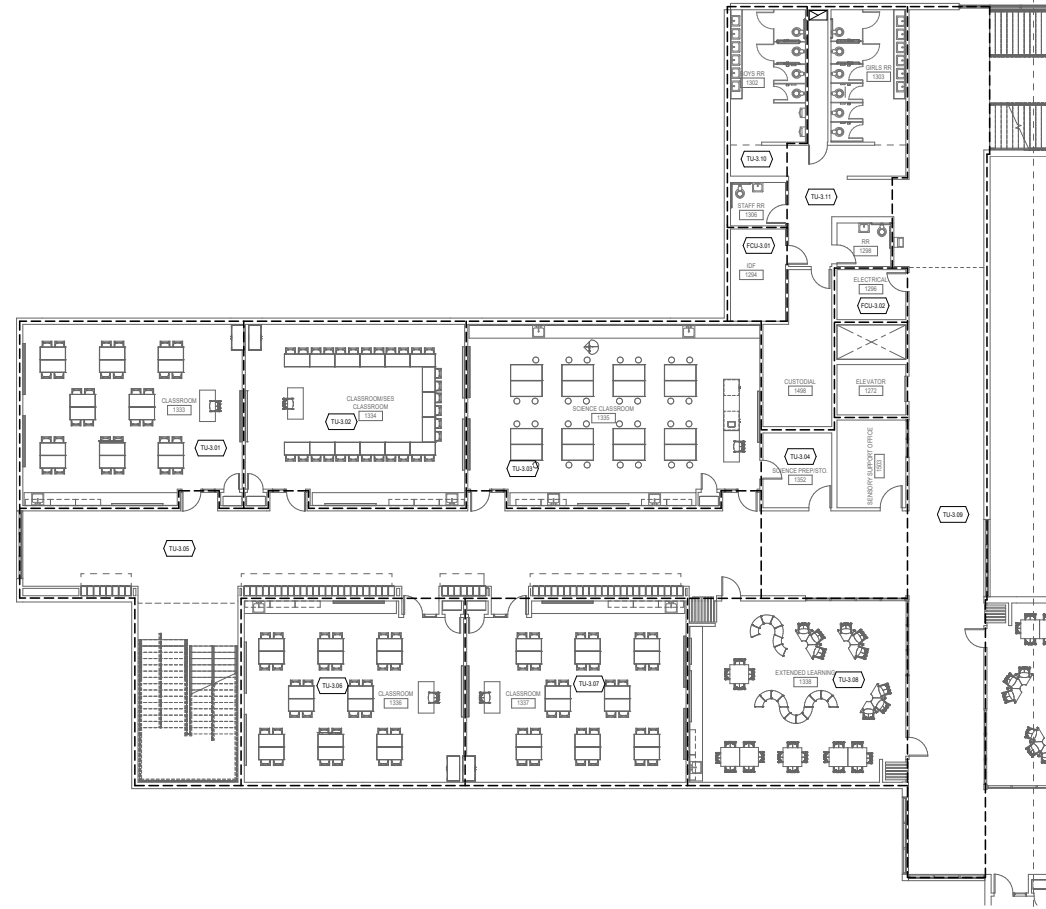
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 02/01/18

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1 THIRD FLOOR - WEST LEARNING SUITES
 1/8" = 1'-0"



PROJECT 2017-0346
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 Portland, OR 97204
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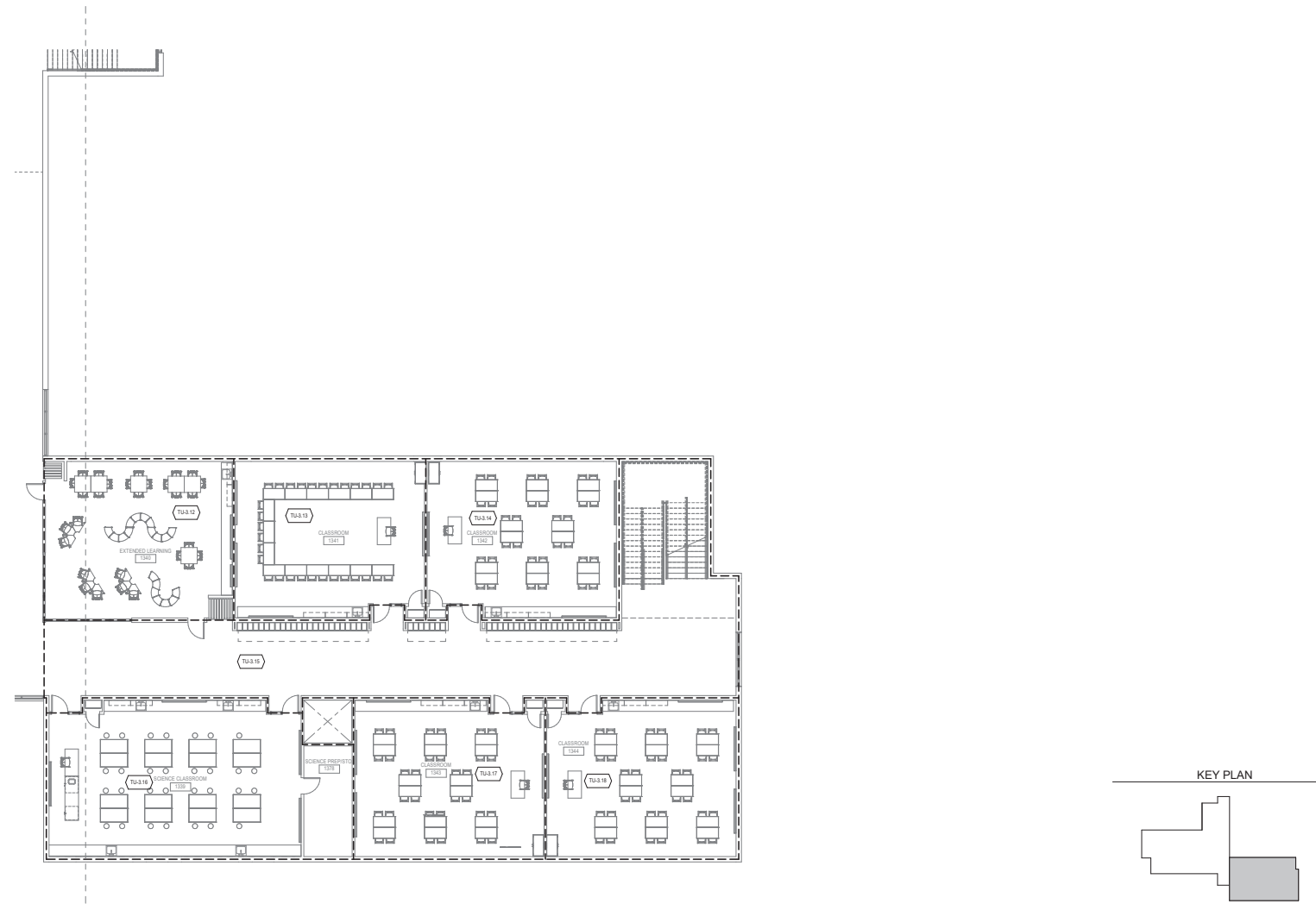


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1 THIRD FLOOR - EAST LEARNING SUITES
 1/8" = 1'-0"



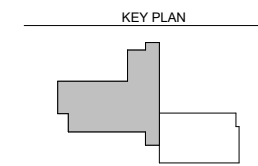
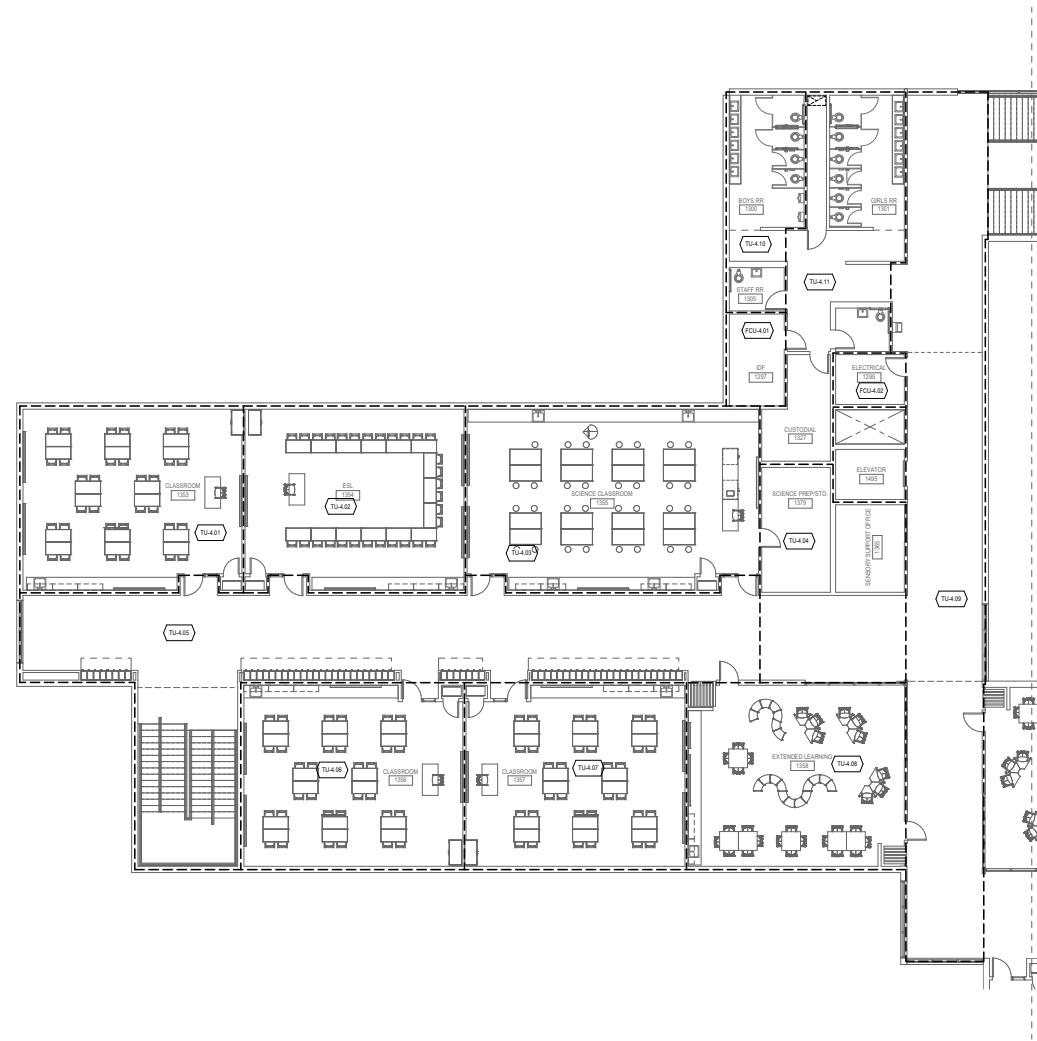
KELLOGG MIDDLE SCHOOL
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 SCHEMATIC DESIGN
 DATE: 01/25/2018

M-303B
 ZONING PLAN - EAST LEARNING SUITES
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① FOURTH FLOOR - WEST LEARNING SUITES
 1/8" = 1'-0"

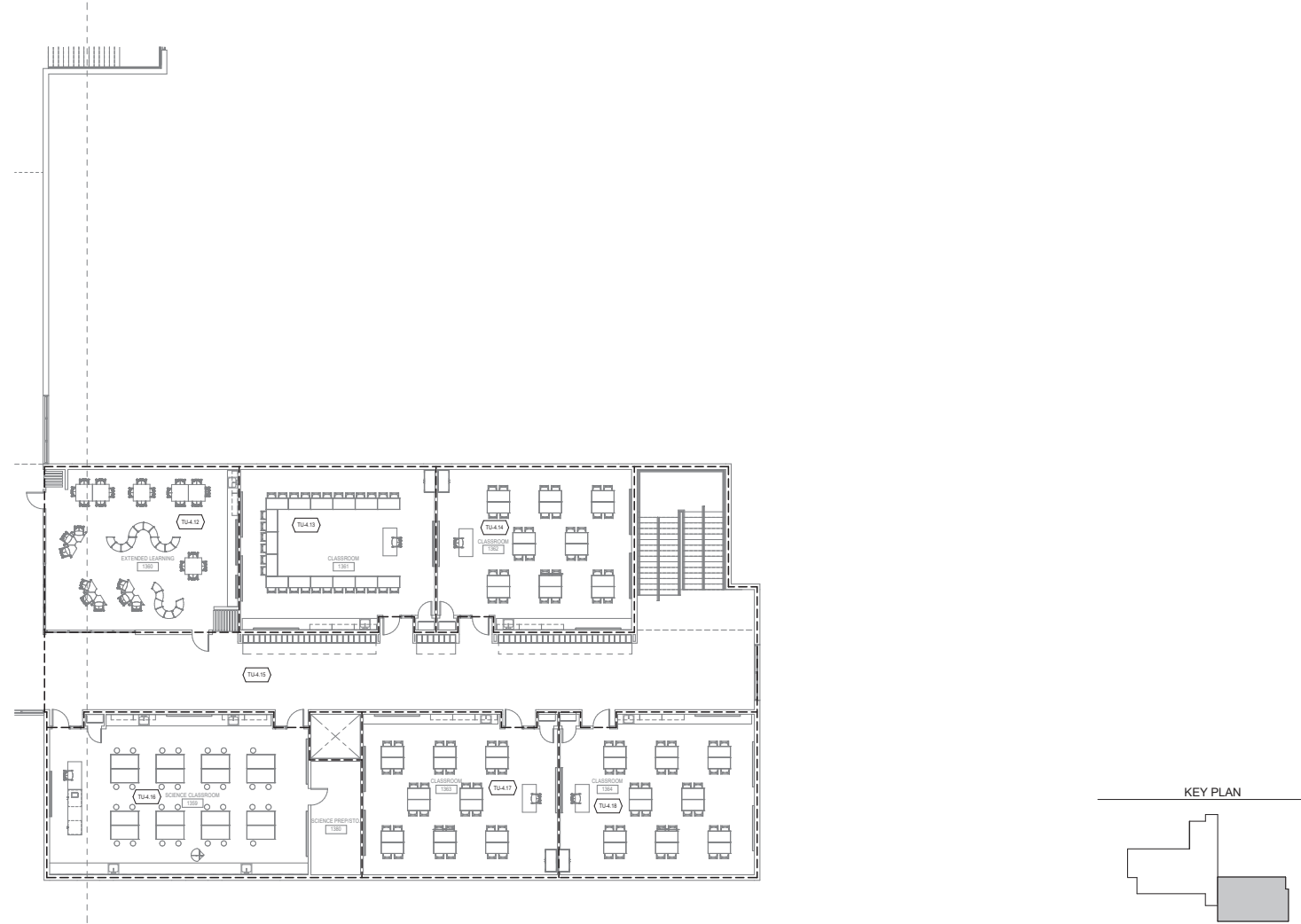


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M-304A
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① FOURTH FLOOR - EAST LEARNING SUITES
 1/8" = 1'-0"



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M-304B
 ZONING PLAN - EAST LEARNING SUITES
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6.1 Drawings



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PLUMBING SYMBOL LIST

NOTE: This is a standard symbol list and not all items listed may be used.

Abbreviations

- (A) ABANDON IN PLACE
- AFV ABOVE FINISHED FLOOR
- AP ACCESS PANEL
- AR ACID RESISTANT
- A AND
- A AGUJAS/TA: ARCHITECT, ANCHOR, AMPHERE
- AT
- BFP BACKFLOW PREVENTER
- BV BALANCING VALVE
- BFF BELOW FINISHED FLOOR
- BF BLIND FLANGE
- BTUH BRITISH THERMAL UNITS PER HOUR
- BUILD BUILDING
- CV CHECK VALVE
- CD CLEANOUT
- CW COLD WATER
- CD CONDENSATE DRAIN
- CONT CONTINUATION
- CPH CUBIC FEET PER HOUR
- CPS CUBIC FEET PER SECOND
- DW DRAINWASHER, DOMESTIC WATER
- DET DOMESTIC EXPANSION TANK
- DDCA DOUBLE CHECK VALVE ASSEMBLY
- DN DOWN
- DN DOWNPOUT
- DN DOWNPOUT NOZZLE
- D DRAIN
- DFU DRAINAGE FIXTURE UNIT
- DMV DRAINAGE, WASTE AND VENT
- DP DRAINING FOUNTAIN
- EMV ELECTRIC WATER COOLER
- EMH ELECTRIC WATER HEATER
- ELECT ELECTRICAL
- EDV ELECTRONIC SOLENOID VALVE
- EEW EMERGENCY EYE WASH
- ESH EMERGENCY SHOWER
- (E) EXISTING
- EL EXPANSION JOINT
- FT FEET
- FPS FEET PER SECOND
- FFE FINISHED FLOOR ELEVATION
- F FINE FINISHESHEET
- FC FLEXIBLE CONNECTOR
- FL FLOOR
- FOO FLOOR CLEANOUT
- FD FLOOR DRAIN
- FS FLOOR SINK FLOW SWITCH
- FV FLUSH VALVE
- FOOT, FEET
- (F) FUTURE
- GPM GALLONS PER HOUR
- GPM GALLONS PER MINUTE
- GD GARBAGE DISPOSER, GARBAGE DRAIN
- GW GAS WATER HEATER
- GREASE GREASE
- HD HEAD, HUB DRAIN
- HP HEAT PUMP, HORSE POWER, HOUSEKEEPING PAD
- HVAC HEATING, VENTILATING AND AIR CONDITIONING
- HZ HERTZ
- HB HOSE BIBB
- HW HOT WATER
- HWFU HOT WATER FIXTURE UNIT
- HWRT HOT WATER RETURN
- IN " INCHES
- IW INDIRECT WASTE
- IEV INVERT ELEVATION
- KW KILOWATT
- L LAUNDRY
- MV MAKE-UP WATER
- MAX MAXIMUM
- MG MERCURY
- MN MINIMUM
- MS MOP VALVE
- MS MOP SINK
- MH MEASURING HEIGHT, MANHOLE
- NEW NEW
- NCP NON-POTABLE COLD WATER
- NCP NORMALLY OPEN
- N NORTH
- NA NOT APPLICABLE
- NC NOT IN CONTRACT
- NTS NOT TO SCALE
- NO NUMBER
- OD OVERFLOW DRAIN, OUTSIDE DIAMETER
- OFD OWNER FURNISHED, CONTRACTOR INSTALLED
- OFCI OWNER FURNISHED, OWNER INSTALLED
- PH PHASE
- PLBG PLUMBING
- P PLUMBING PUMP
- POC POINT OF CONNECTION
- PPS POUNDS PER SQUARE INCH
- PD PRESSURE DROP, PLUMBING DEMOLITION, PUMPED DISCHARGE
- PG PRESSURE GAUGE
- PRV PRESSURE REDUCING VALVE
- PS PRESSURE SWITCH
- QTY QUANTITY
- RWL RAINWATER LEADER
- RPPP REDUCED PRESSURE BACKFLOW PREVENTER
- RV RELIEF VENT, RELIEF VALVE
- RLC RELOCATE, RELOCATED LOCATION
- RPM REVOLUTIONS PER MINUTE
- RD ROOF DRAIN
- SAN SANITARY
- SJ SERVICE JOINT
- SB SERVICE BOX
- SB SERVICE SINK
- SH SHEET
- SA SHOCK ARRESTOR
- SH SHOWER
- SOV SHUT OFF VALVE
- S SK SINK
- SD STORM DRAIN
- SP SUMP PUMP, STATIC PRESSURE
- TEMP TEMPERATURE
- TEMP TEMPERATURE AND PRESSURE
- T TEMPERATURE THERMISTATOR
- TP TRAP PRIMER, TOTAL PRESSURE
- TD TRENCH DRAIN
- TYP TYPICAL
- U, UR URINAL
- V VACUUM, VENT, VOLT
- VFD VARIABLE FREQUENCY DRIVE
- VS VENT STACK
- VTR VENT THRU ROOF
- WCD WALL CLEANOUT
- WB WASHER BOX
- W WASTE
- WS WASTE STACK
- WC WATER COLUMN
- WC WATER COLUMN, WATER CLOSET
- WH WATER HAMMER ARRESTOR
- WH WATER HEATER, WALL HYDRANT
- WSFU WATER SUPPLY FIXTURE UNIT
- W WIDTH

General Symbols

- ANALOG INPUT TO DDC PANEL
- ANALOG OUTPUT FROM DDC PANEL
- DIFFERENTIAL PRESSURE SENSOR
- DIGITAL INPUT CURRENT TRANSFORMER
- DIGITAL INPUT TO DDC PANEL
- DIGITAL OUTPUT FROM DDC PANEL
- DIGITAL OUTPUT START/STOP SIGNAL
- DIGITAL OUTPUT START/STOP SIGNAL
- FLOW METER
- LINE VOLTAGE THERMOSTAT

General

- CONTINUATION
- DETAIL NUMBER AND SHEET LOCATION
- EQUIPMENT IDENTIFICATION
- LOCATION
- EXPERT OF DEMOLITION
- FIXTURE TAG (LEVEL BELOW FIXTURE)
- FOOD SERVICE EQUIPMENT / CALCULATION TAG
- KEYED NOTE
- PIPE BELOW GRADE
- POINT OF CONNECTION
- SECTION NUMBER AND SHEET LOCATION
- DEMOLISH
- EXISTING WORK
- NEW WORK
- PIPE OR CONDUIT BELOW GRADE

Piping Fittings

- ACCESS PANEL
- AQUASTAT
- AREA DRAIN
- BLIND FLANGE
- CAP
- CLEANOUT TO GRADE
- CONCENTRIC REDUCER
- DOWNPOUT NOZZLE
- ECCENTRIC REDUCER
- EXPANSION JOINT
- FLEXIBLE CONNECTION
- FLOOR CLEANOUT
- FLOOR DRAIN
- FLOOR SINK
- FLOOR DIRECTION
- FLOW SWITCH
- HOSE BIBB / WALL HYDRANT
- HUB DRAIN
- METER
- OVERFLOW ROOF DRAIN

- PEX MANFOLD
- PIPE DROP
- PIPE RISE
- PRESSURE GAUGE WITH COCK
- PUMP
- ROOF DRAIN
- SHOCK ABSORBER / WATER HAMMER ARRESTOR
- STRAINER
- T&P RELIEF VALVE WITH PIPE TO DRAIN
- TEE DOWN ON PIPE
- TEE UP ON PIPE
- TEMPERATURE SENSOR
- TEST PORT
- THERMOMETER
- TRAP PRIMER MANFOLD
- TRENCH DRAIN
- UNION
- VACUUM RELIEF
- VENT THROUGH ROOF

Piping Systems

- 100% HOT WATER PIPING
- 100% HOT WATER RETURN PIPING
- ACID RESISTANT WASTE ABOVE GRADE
- ACID RESISTANT WASTE BELOW GRADE
- COLD WATER PIPING
- COMPRESSED AIR PIPING
- CONDENSATE / INDIRECT DRAIN PIPING
- DE-IONIZED WATER RETURN
- DE-IONIZED WATER SUPPLY
- DISTILLED WATER
- FIRE PROTECTION PIPING
- GAS VENT PIPING
- GREASE WASTE ABOVE GRADE OR FINISHED FLOOR
- GREASE WASTE BELOW GRADE OR FINISHED FLOOR
- HOT WATER PIPING
- HOT WATER RETURN PIPING
- IRRIGATION
- NATURAL GAS PIPING, 2 LB
- NATURAL GAS PIPING, 7" WC PRESSURE
- NON-POTABLE COLD WATER PIPING
- NON-POTABLE HOT WATER PIPING
- OVERFLOW DRAIN PIPING ABOVE GRADE OR FINISHED FLOOR
- PUMPED DISCHARGE
- REVERSE OSMOSIS WATER
- SANITARY VENT PIPING
- SANITARY WASTE OR SOIL PIPING ABOVE GRADE OR FINISHED FLOOR
- SANITARY WASTE OR SOIL PIPING BELOW GRADE OR FINISHED FLOOR
- SOLAR HOT WATER
- SOLAR HOT WATER RETURN
- STORM DRAIN PIPING ABOVE GRADE OR FINISHED FLOOR
- STORM DRAIN PIPING BELOW GRADE OR FINISHED FLOOR
- TEMPERED WATER PIPING
- TRAP PRIMER PIPING

GENERAL PLUMBING NOTES

- BACKFLOW PREVENTER
- BACKWATER VALVE
- BALANCING VALVE
- CHECK VALVE
- EARTHQUAKE GAS VALVE
- ELECTRONIC SOLENOID VALVE
- GLOBE VALVE
- GLOBE VALVE
- HOSE END DRAIN VALVE
- NATURAL GAS PIPING CONNECTION ASSEMBLY
- PRESSURE REDUCING VALVE
- SHUTOFF VALVE, GENERAL

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- P-002 SCHEDULES - PLUMBING
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P-001
 SYMBOLS LISTS AND GENERAL NOTES -
 PLUMBING



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GAS CALCULATIONS					
FITURE	DESCRIPTION	NO. OF FIT.	BTUHR INPUT	BTUHR	TOTAL
KITCHEN EQUIPMENT					
OPEN BURNER COOK TOP	25 GAL/ON TILTING BOILET	1	85,000	85,000	
DOUBLE STACK CONVENTION OVENS	DOUBLE STACK COMBI-OVEN STEAMERS	2	55,000	110,000	
MECHANICAL EQUIPMENT				2,000,000	2,000,000
B-1 BOILER		1	2,000,000	2,000,000	
B-2 BOILER		1	2,000,000	2,000,000	
PLUMBING EQUIPMENT					
QW4-1 DOMESTIC WATER HEATER		1	495,000	495,000	
QW4-2 DOMESTIC WATER HEATER		1	495,000	495,000	
SCIENCE LAB OUTLETS					
		18	3,000	54,000	
TOTAL DEMAND (BTU)					5,129,000
TOTAL DEMAND (CFH)					5,184
2 PSB NATURAL GAS SUPPLY PRESSURE WITH 1.0 PRESSURE DROP 30 FEET DEVELOPED LENGTH					
2 1/2"			899 CFH		
2"			5160 CFH		
1 1/2"			2853 CFH		
1 1/4"			1760 CFH		
1"			894 CFH		
3/4"			486 CFH		
1/2"			252 CFH		

WATER SERVICE CALCULATIONS (BASED ON APPENDIX 'A')						
FITURE QUANTITY		APPENDIX A, TABLE A-2		TOTAL FITURE UNITS		
PRIVATE DWELLING	PUBLIC HEAVY USE ASSEMBLY	PRIVATE DWELLING	PUBLIC HEAVY USE ASSEMBLY	WATER	WATER	WATER
0	0	4.00	4.00	0.00	4.00	3.00
0	0	0.00	0.00	0.75	2.00	0.00
0	0	2.00	2.00	0.00	2.00	0.00
0	0	1.00	1.00	0.00	4.00	17.00
0	0	1.00	1.00	0.00	1.00	1.13
0	0	1.00	1.00	0.00	1.00	1.13
0	0	1.00	1.00	0.00	4.00	3.38
0	0	1.00	1.00	0.00	2.00	1.00
0	0	1.00	1.00	0.00	2.00	0.25
0	0	1.00	1.00	0.00	1.00	0.00
0	0	1.00	1.00	0.00	2.00	0.00
0	0	1.00	1.00	0.00	30.00	22.00
0	0	1.00	1.00	0.00	0.00	4.00
0	0	2.00	2.00	0.00	2.00	1.00
0	0	3.00	3.00	0.00	45.00	0.00
0	0	4.00	4.00	0.00	30.00	0.00
TOTAL				648.00	648.00	393.88
FLOW (GPM)				29	67	
REGULATION FLOW (GPM)						
TOTAL GPM REQUIRED				188		
A	MINIMUM DAILY SERVICE PRESSURE BOOSTER PUMP	FT HEAD		70		
A	WATER METER PRESSURE DROP	METER SIZE		5		
A	BACKFLOW PREVENTER BOON	BOON		8		
A	PRESSURE REQUIRED AT FUTURE	BOOTS		30		
PRESSURE AVAILABLE AT FUTURE						
FRICTION LOSS (PSI) X 100' X 1/2"				10.3		
TOTAL EQUIVALENT PIPE LENGTH						
LENGTH X 1.25				90.3		
PRESSURE FRICTION LOSS						
PRESS. AVAILABLE AT FUTURE				1.61		
SERVICE SIZE FROM METER TO BUILDING				4"		

SANITARY DRAINAGE CALCULATIONS						
FITURE QUANTITY		TABLE F.3.3		TOTAL FITURE UNITS		
PRIVATE DWELLING	PUBLIC HEAVY USE ASSEMBLY	PRIVATE DWELLING	PUBLIC HEAVY USE ASSEMBLY	WATER	WATER	WATER
0	0	3.00	3.00	3.00	3.00	
0	0	0.00	0.00	0.00	0.00	2.00
0	0	0.00	0.00	0.00	0.00	0.00
0	0	2.00	2.00	2.00	2.00	2.00
0	0	1.00	1.00	1.00	1.00	0.00
0	0	1.00	1.00	1.00	1.00	0.00
0	0	1.00	1.00	1.00	2.00	2.00
0	0	0.00	0.00	0.00	0.00	0.00
0	0	2.00	2.00	2.00	2.00	2.00
0	0	0.00	0.00	0.00	0.00	0.00
0	0	0.00	0.00	0.00	0.00	174.00
0	0	1.00	1.00	1.00	1.00	4.00
0	0	1.00	1.00	0.00	0.00	0.00
0	0	2.00	2.00	2.00	2.00	20.00
0	0	3.00	3.00	3.00	3.00	20.00
TOTAL				30.00	4.00	20.00
PIPE SIZE (IF MAX F.U. 21/2 (8")						
PIPE SIZE (IF MAX F.U. 55 (8")/PER FT)						

WATER HEATER SCHEDULE										
SYMBOL	EQUIPMENT TYPE	LOCATION / SERVING	MFR	MODEL	TANK CAPACITY (GALLONS)	INPUT (MBH)	ELECTRICAL		COMMENTS	
							VOLTS	PH		
QW4-1	WATER HEATER	SECOND FLOOR MECHANICAL ROOM A.D. SMITH	C/D/CORE	MLG-BTH900	119	4999	120	1	15	SAF P/RED BOILER, CONDENSING, DIRECT VENTING, 98% HIGH EFFICIENCY, (JAMES) [NONE] 37% GPM RECOVERY AT 100 F TEMPERATURE RISE
QW4-2	WATER HEATER	SECOND FLOOR MECHANICAL ROOM A.D. SMITH	C/D/CORE	MLG-BTH900	119	4999	120	1	15	SAF P/RED BOILER, CONDENSING, DIRECT VENTING, 98% HIGH EFFICIENCY, (JAMES) [NONE] 37% GPM RECOVERY AT 100 F TEMPERATURE RISE

PLUMBING FIXTURE SCHEDULE										
SYMBOL	FIXTURE TYPE	DESCRIPTION	MFR	MODEL	ACCESSORIES	CONNECTION			NOTES	
						W	V	HW		
DF-1	DRINKING FOUNTAIN	WALL MOUNTED, VITREOUS CHINA, 18 GAUGE STAINLESS STEEL, SATIN FINISH, VANDAL RESISTANT BURNER, FRONT BUSH-OUT, PROVIDE WITH WALL PLATE	ELKAY	EDFFR21C		1-1/2"	1-1/2"	1/2"	0	BOTTLE FILLER RIGHT OR LEFT HAND LOW BOWL CONFIGURATION
DF-2	DRINKING FOUNTAIN	WALL MOUNTED, DOUBLE BOWL, 18 GAUGE STAINLESS STEEL, SATIN FINISH, VANDAL RESISTANT BURNER, FRONT BUSH-OUT, PROVIDE WITH WALL PLATE	ELKAY	EDFFR21C		1-1/2"	1-1/2"	1/2"	0	BOTTLE FILLER RIGHT OR LEFT HAND LOW BOWL CONFIGURATION
FD-1	FLOOR DRAIN (FINISHED FLOOR)	CAST IRON BODY, FLUSHING COLLAR, 3/4" HOLE PUNCH, 4" HOLE CENTERS, RIGID, FRONT PRIMER, VANDAL PROOF TOP	JOSAM	32100		3"	1-1/2"	0	0	
L-1	LAVATORY	COUNTER MOUNTED, VITREOUS CHINA, 3/4" HOLE PUNCH, 4" HOLE CENTERS, RIGID, FRONT OVERFLOW	AMERICAN STANDARD	491819	FAUCET (SINK TEMP/METERING) CHICAGO 800-VB200-336ACP	1-1/2"	1-1/2"	1/2"	1/2"	
L-2	LAVATORY	WALL MOUNTED, VITREOUS CHINA, 3/4" HOLE PUNCH, 4" HOLE CENTERS, RIGID, FRONT OVERFLOW	AMERICAN STANDARD	356312	FAUCET (SINK TEMP/METERING) DELTA C 801193	1-1/2"	1-1/2"	1/2"	1/2"	
L-3	LAVATORY	COUNTER MOUNTED, VITREOUS CHINA, 3/4" HOLE PUNCH, 4" HOLE CENTERS, OVAL, FRONT OVERFLOW	AMERICAN STANDARD	476325	FAUCET (SINK TEMP/METERING) CHICAGO 800-VB200-336ACP	1-1/2"	1-1/2"	1/2"	1/2"	
MS-1	MOP SINK	FLOOR MOUNTED, TERRAZZO, 24-INCHES X 24-INCHES X 10-INCHES	STEIN WILLIAMS	MFB-324	FAUCET (MOP SINK) CHICAGO 844-LB810VAFACP (PROVIDE WITH CHICAGO 2303-CB8ACP INTERNAL CHECKS) ALUMINUM BUMPER GUARDS VINYL BUMPER GUARDS MOP HANGER	3"	2"	1/2"	1/2"	
OD-1	ROOF DRAIN (OVERFLOW DRAIN)	LARGE AREA, EPOXY COATED CAST IRON BODY WITH FLANGE, FLUSHING RING WITH GRAVEL STOP, UNDER DECK CLAMP, EXTENSIVE SUMP RECEIVER, 3" INCH WATER DAM, ALUMINUM DOSE	D.R. SMITH	21585-18	SPLASH PANELS	4"				
RD-1	ROOF DRAIN	LARGE AREA, EPOXY COATED CAST IRON BODY WITH FLANGE, FLUSHING RING WITH GRAVEL STOP, UNDER DECK CLAMP, EXTENSIVE SUMP RECEIVER, POLYPROPYLENE LOCKING DOSE	JOSAM	21585		4"				
S-1	CLASSROOM SINK	COUNTERTOP, SINGLE BOWL, 18 GAUGE STAINLESS STEEL, 18-INCHES X 18-INCHES X 6-INCHES DEEP, 3/4" HOLE MINIMUM CABINET SIZE, 3/4" HOLE PUNCH, BARRIER FREE	ELKAY	LR429198A	FAUCET (BRANCH GOOSENECK WRITELANE) CHICAGO 786-GBA6BVP08ACP	2"	1-1/2"	1/2"	1/2"	
S-2	CLASSROOM SINK (ART ROOM)	WALL MOUNTED, VITREOUS CHINA, 3/4" HOLE PUNCH, 4" HOLE CENTERS, RIGID, FRONT OVERFLOW	BRADLEY	LWR02	FAUCET (DECK MOUNTED ELECTRONIC CARTRIDGE) BRADLEY CARTRIDGE	2"	1-1/2"	1/2"	1/2"	
S-3	LAUNDRY SINK	COUNTERTOP, SINGLE BOWL, 18 GAUGE STAINLESS STEEL, 18-INCHES X 18-INCHES X 6-INCHES DEEP, 3/4" HOLE MINIMUM CABINET SIZE, 3/4" HOLE PUNCH	ELKAY	DLR22210	FAUCET (BRANCH GOOSENECK WRITELANE) CHICAGO 201-AGABA2B-31F8ACP	2"	1-1/2"	1/2"	1/2"	
S-4	SINK (COMMUNITY ROOM)	COUNTERTOP, SINGLE BOWL, 18 GAUGE STAINLESS STEEL, 18-INCHES X 18-INCHES X 6-INCHES DEEP, 3/4" HOLE MINIMUM CABINET SIZE, 3/4" HOLE PUNCH	ELKAY	LR4291233	(SINK) FAUCET (SINK SINGLE HANDLE) CHICAGO 451-ABCP	2"	1-1/2"	1/2"	1/2"	
S-5	CLASSROOM SINK (SCIENCE ROOM)	COUNTERTOP, SINGLE BOWL, 18 GAUGE STAINLESS STEEL, 18-INCHES X 18-INCHES X 6-INCHES DEEP, 3/4" HOLE MINIMUM CABINET SIZE, 3/4" HOLE PUNCH, BARRIER FREE	ELKAY	LR4292188	FAUCET (BRANCH GOOSENECK WRITELANE) CHICAGO 786-GBA6BVP08ACP	2"	1-1/2"	1/2"	1/2"	
S-6	CLASSROOM SINK (SCIENCE BLAND)	COUNTERTOP, SINGLE BOWL, 18 GAUGE STAINLESS STEEL, 18-INCHES X 18-INCHES X 6-INCHES DEEP, 3/4" HOLE MINIMUM CABINET SIZE, 3/4" HOLE PUNCH	ELKAY	DRW6217	CLASSROOM FAUCET (SINK SINGLE HANDLE) CHICAGO 2303-CB8ACP	2"	1-1/2"	1/2"	1/2"	
SH-1	SHOWER	BARRIER FREE, ONE PIECE, 8-INCHES X 18-INCHES X 7 1/2-INCHES, RFLP RESISTANT TEXTURED BOTTOM, CURTAIN ROD, ONE 2" GRAB BAR AND ONE 3" GRAB BAR, 1 1/2" SHOWER PAN, REMOVABLE THRESHOLD	COMFORT DESIGNS	X360-BFUFAC	DALYNO SET	2"	1-1/2"	1/2"	1/2"	PROVIDE WITH OPTIONS AS LISTED IN DESCRIPTION
UR-1	URINAL	WALL MOUNTED, VITREOUS CHINA, TOP BRUSH, FLUSHOMETER, STANDARD MOUNTING HEIGHT	AMERICAN STANDARD	6690301	FLUSH VALVE MANUAL, 1.61 L/GPF, (DIAPHRAGM) SLOAN WES-115	2"	1-1/2"	3/4"	0	
UR-2	URINAL	WALL MOUNTED, VITREOUS CHINA, TOP BRUSH, FLUSHOMETER, BARRIER FREE MOUNTING HEIGHT	AMERICAN STANDARD	6690301	FLUSH VALVE MANUAL, 1.61 L/GPF, (DIAPHRAGM) SLOAN WES-115	2"	1-1/2"	3/4"	0	
WC-1	WATER CLOSET	FLOOR MOUNTED, VITREOUS CHINA, TOP BRUSH, FLUSHOMETER, STANDARD MOUNTING HEIGHT	AMERICAN STANDARD	2234201	FLUSH VALVE MANUAL, 1.61 L/GPF, (DIAPHRAGM) SLOAN WES-111	4"	2"	1"	0	
WC-2	WATER CLOSET	FLOOR MOUNTED, VITREOUS CHINA, TOP BRUSH, FLUSHOMETER, BARRIER FREE HEIGHT	AMERICAN STANDARD	3041001	FLUSH VALVE MANUAL, 1.61 L/GPF, (DIAPHRAGM) SLOAN WES-111	4"	2"	1"	0	SEAT (COMMERCIAL WEIGHT, HEAVY-DUTY SOLID PLASTIC WITH STAINLESS STEEL CHECK HINGE); MEMS 215635C-090

6.1 Drawings

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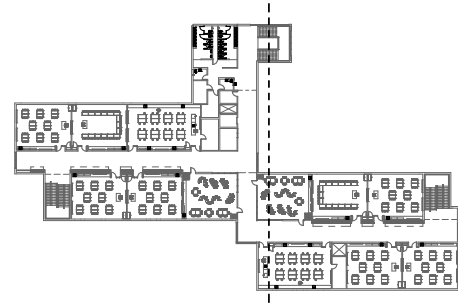


KELLOGG MIDDLE SCHOOL
6909 POWELL BLVD
PORTLAND, OR 97206
SCHEMATIC DESIGN
DATE: 01/25/2018

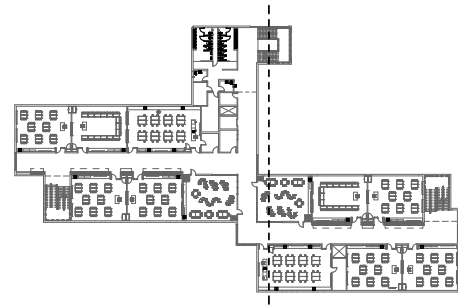
P-002
SCHEDULES - PLUMBING
Project # 2017-0346



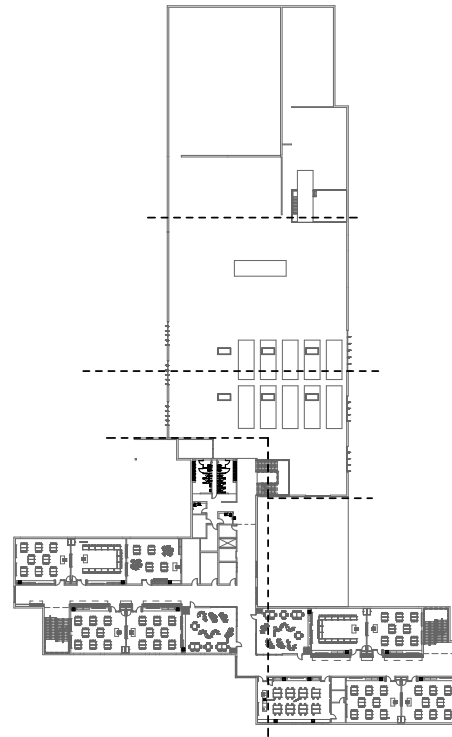
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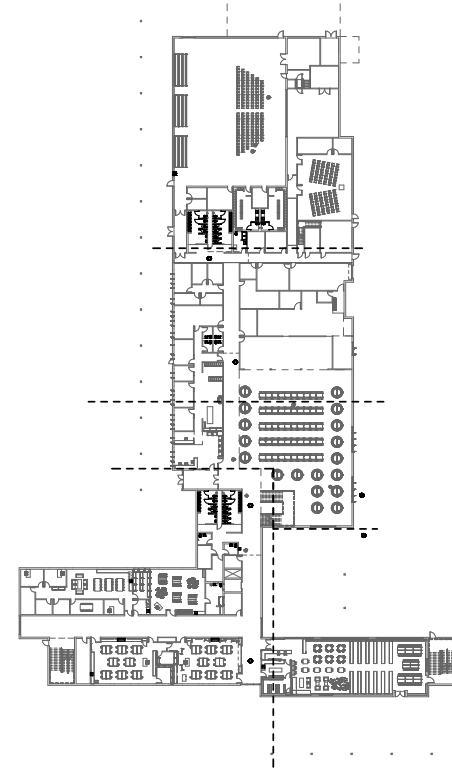
④ 1/32" FOURTH LEVEL PLUMBING PLAN - OVERALL
 1/32" = 1'-0"



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



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



① 1/32" FIRST LEVEL PLUMBING PLAN - OVERALL
 1/32" = 1'-0"

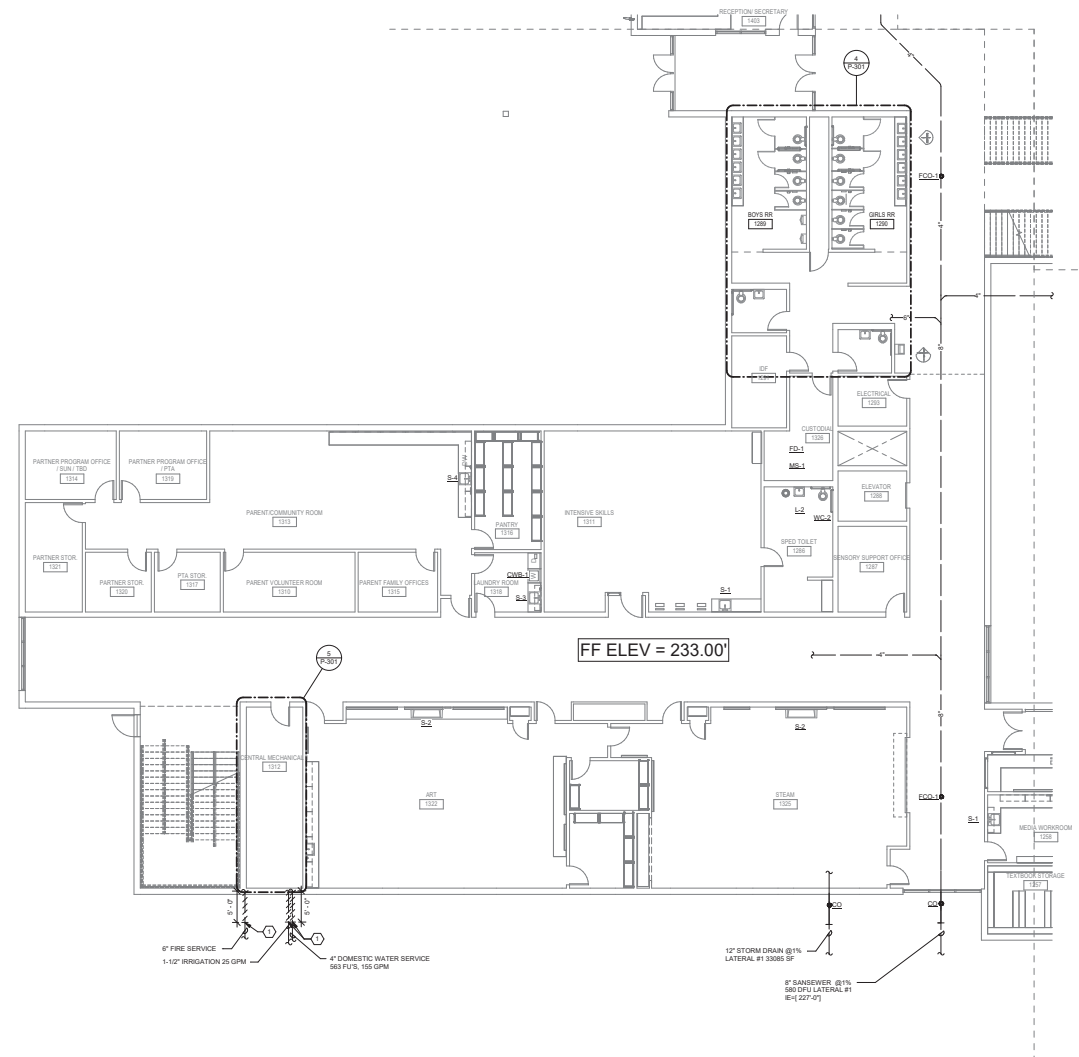


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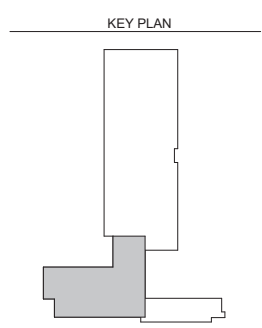
P-201
OVERALL FLOOR PLANS – KEY PLANS
 Project # 2017-0346



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FF ELEV = 233.00'



1 FIRST FLOOR - WEST LEARNING SUITES
 1/8" = 1'-0"

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 SCHEMATIC DESIGN
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P-201A
 FIRST FLOOR - WEST LEARNING SUITES
 Project # 2017-0346

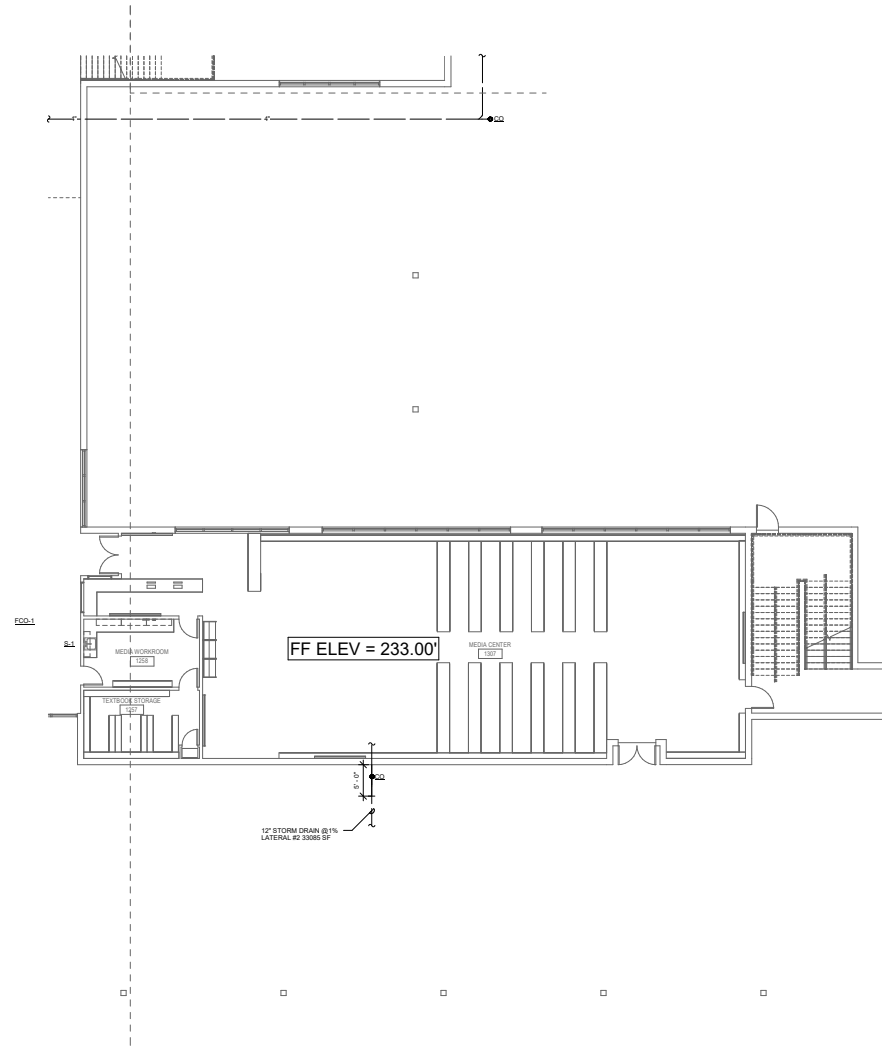
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6.1 Drawings

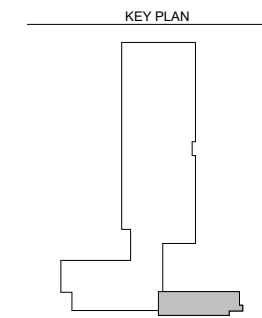


KELLOGG MIDDLE SCHOOL
 PORTLAND PUBLIC SCHOOL DISTRICT
 02/01/18

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① FIRST FLOOR - EAST LEARNING SUITES
 1/8" = 1'-0"



PROJECT 2017-0346
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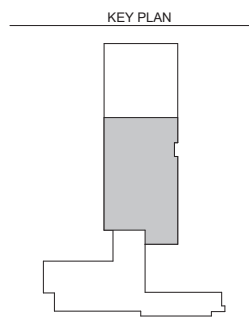
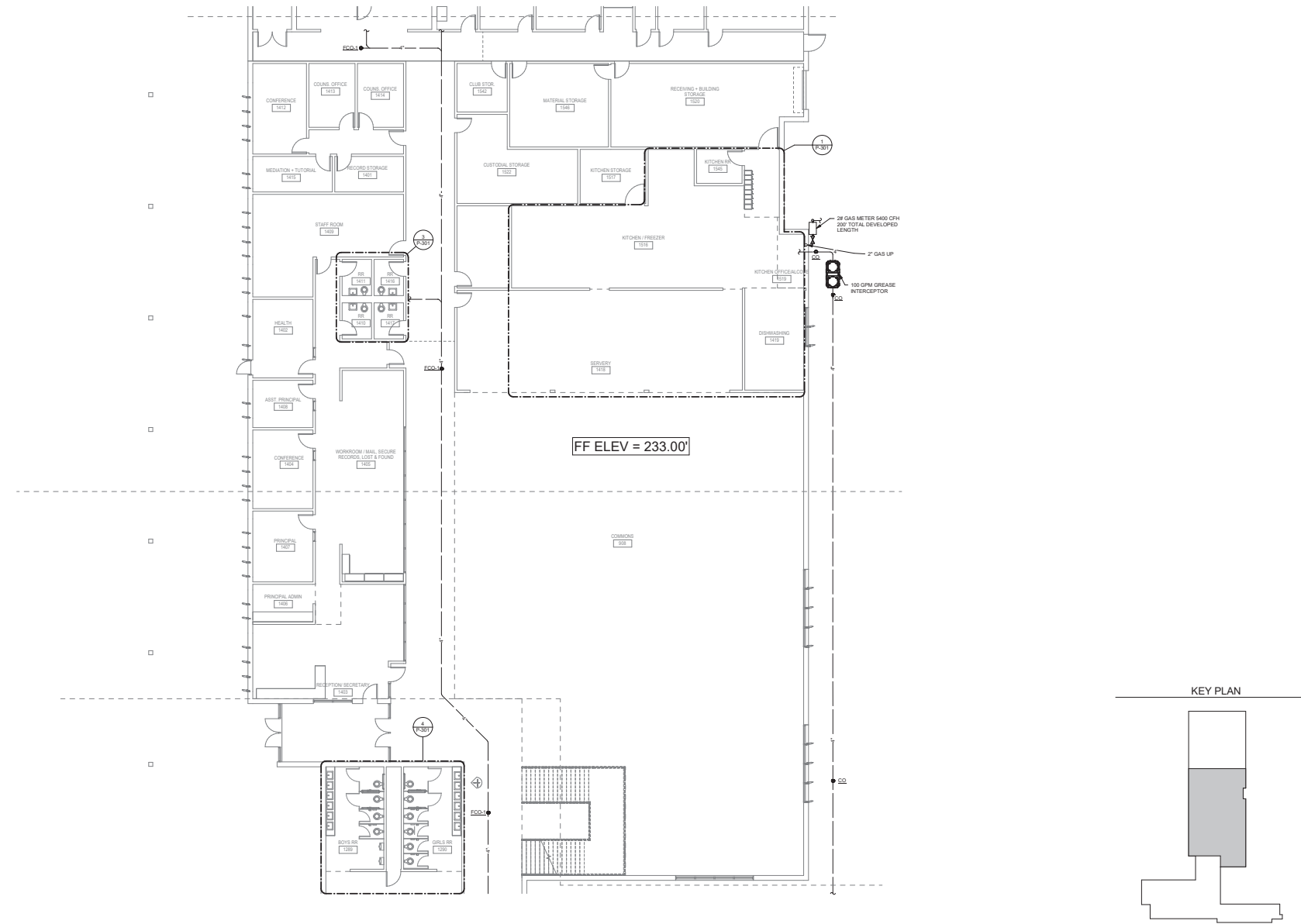


KELLOGG MIDDLE SCHOOL
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P-201B
FIRST FLOOR - EAST LEARNING SUITES
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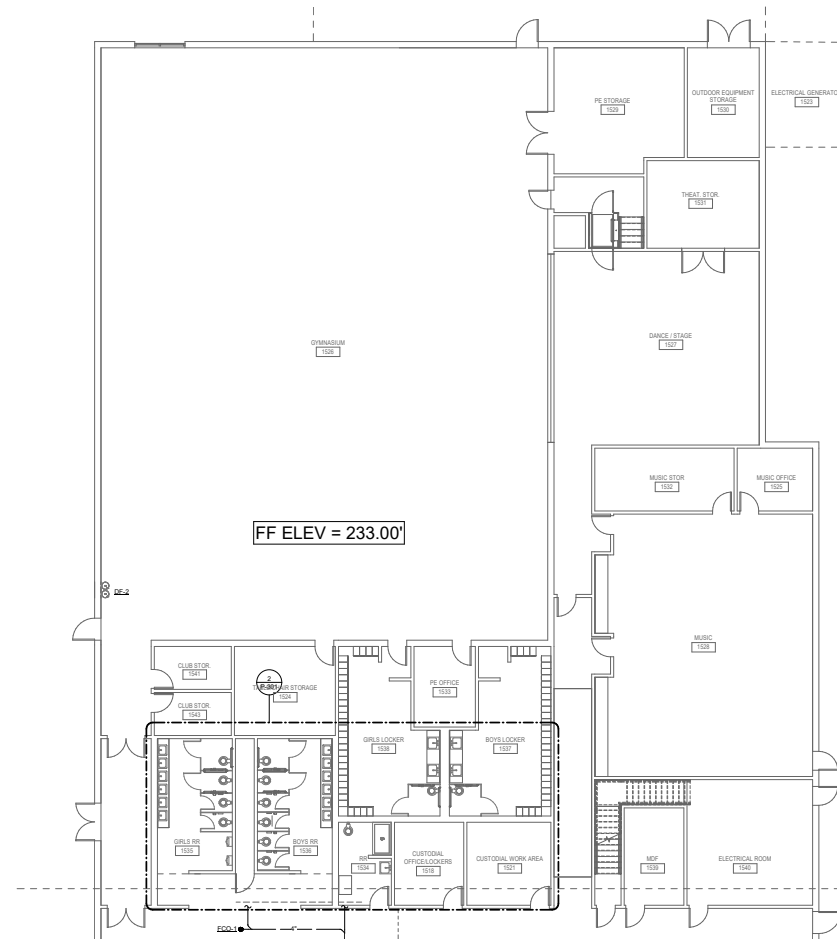
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FIRST FLOOR - COMMONS
 Project # 2017-0346

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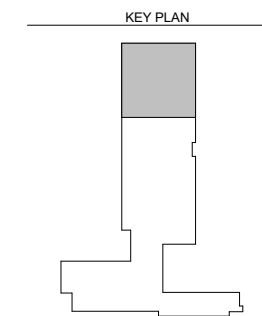
6.1 Drawings



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1 FIRST FLOOR - GYM
 1/8" = 1'-0"

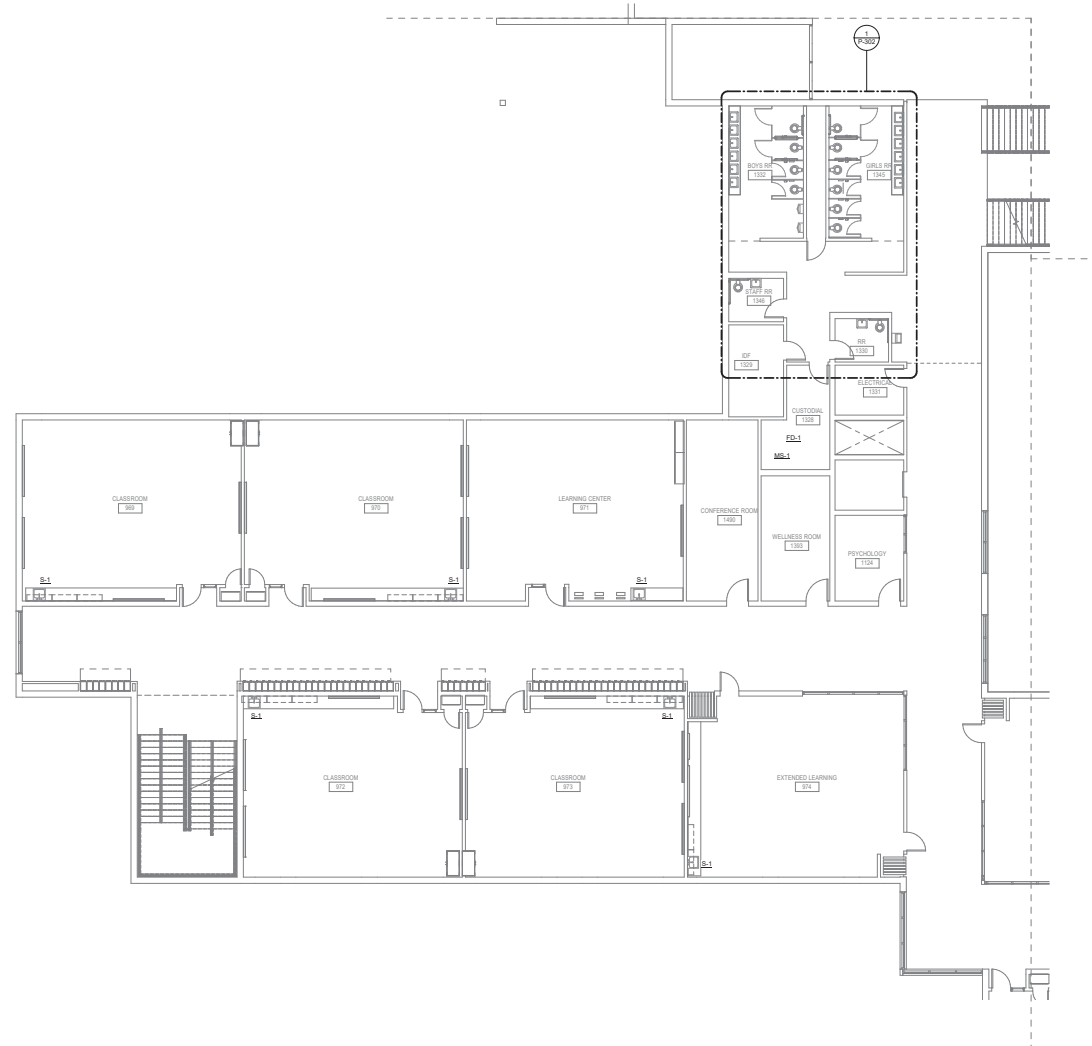


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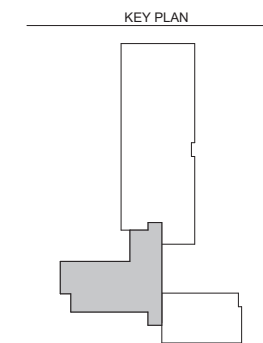
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FIRST FLOOR - GYM
 Project # 2017-0346



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1 SECOND FLOOR - WEST LEARNING SUITES
 1/8" = 1'-0"



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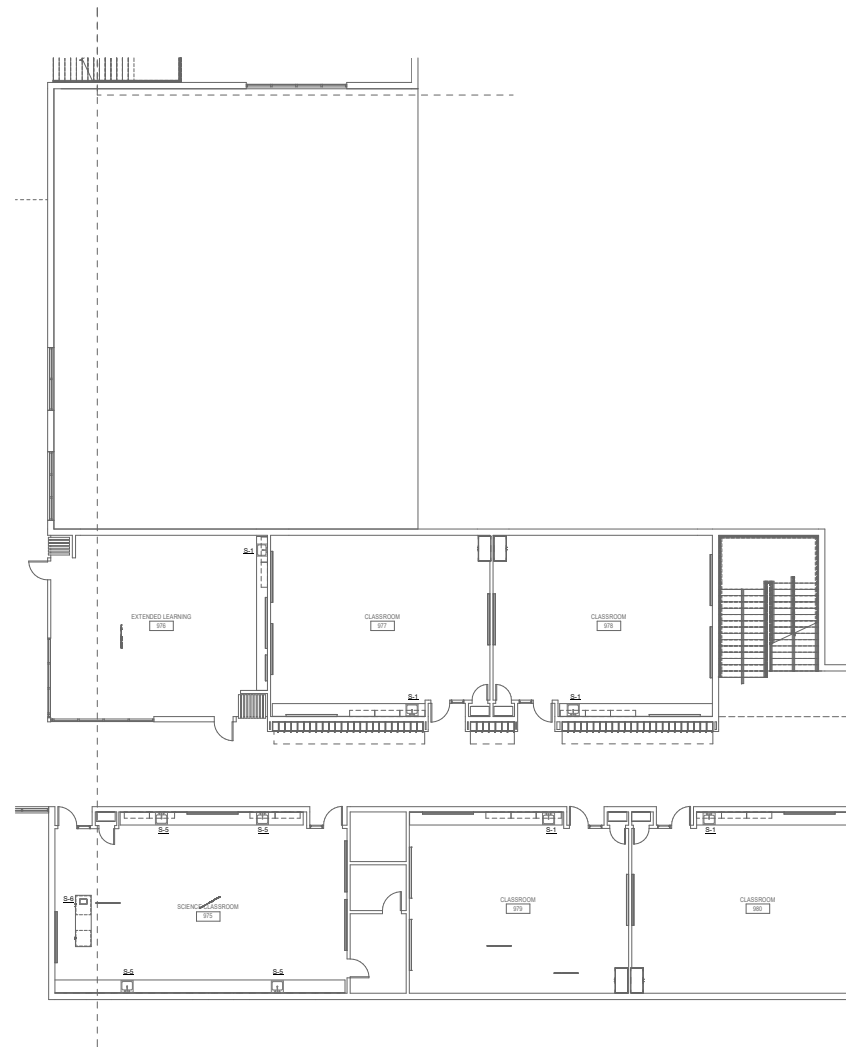
P-202A
 SECOND FLOOR - WEST LEARNING SUITES
 Project # 2017-0346

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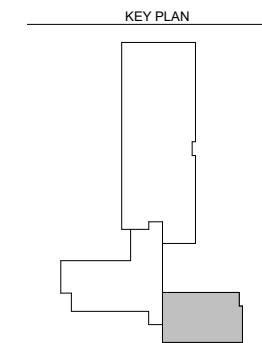
6.1 Drawings



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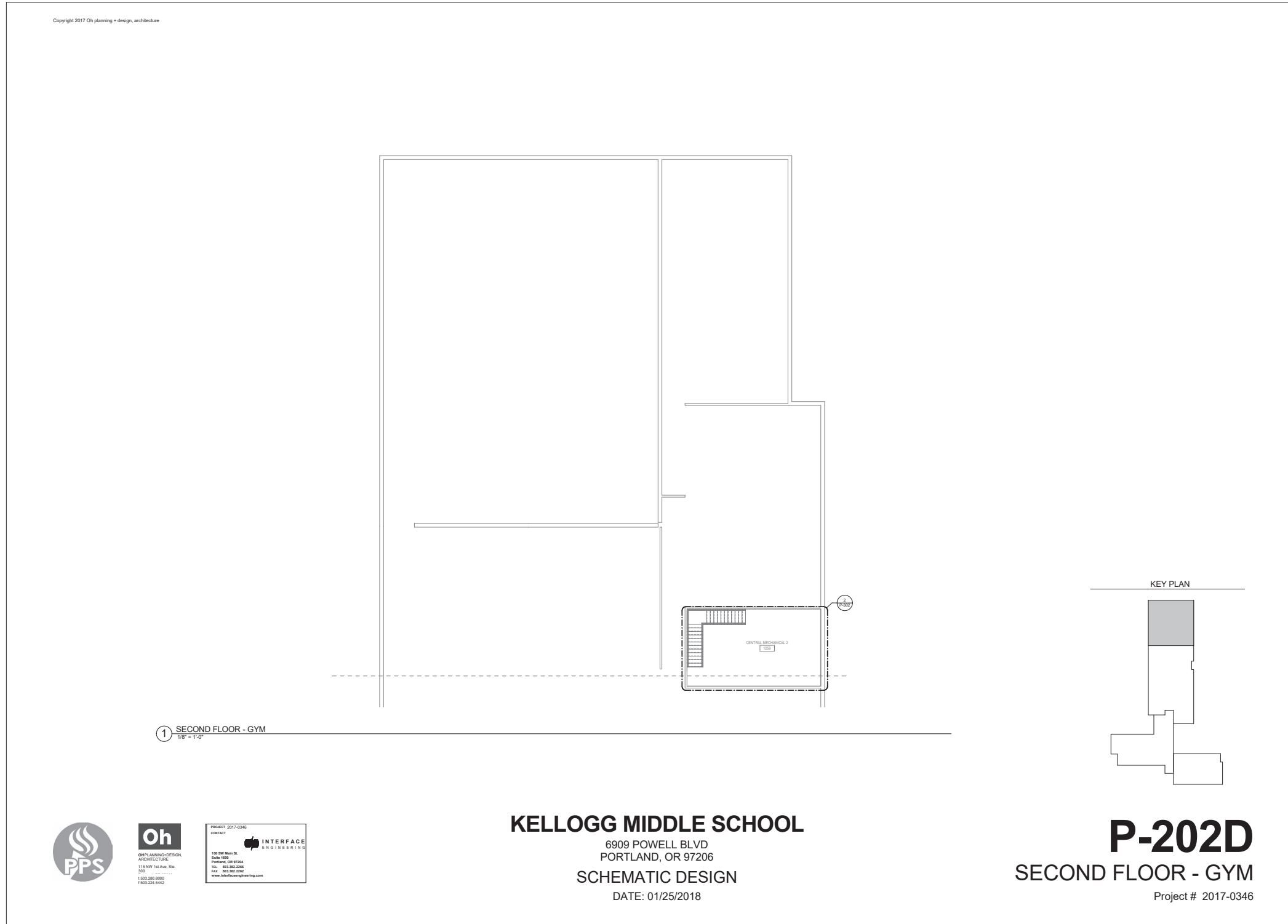


1 SECOND FLOOR - EAST LEARNING SUITES
 1/8" = 1'-0"



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P-202B
 SECOND FLOOR - EAST LEARNING SUITES
 Project # 2017-0346

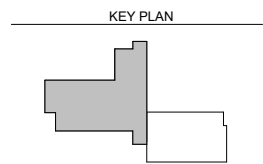
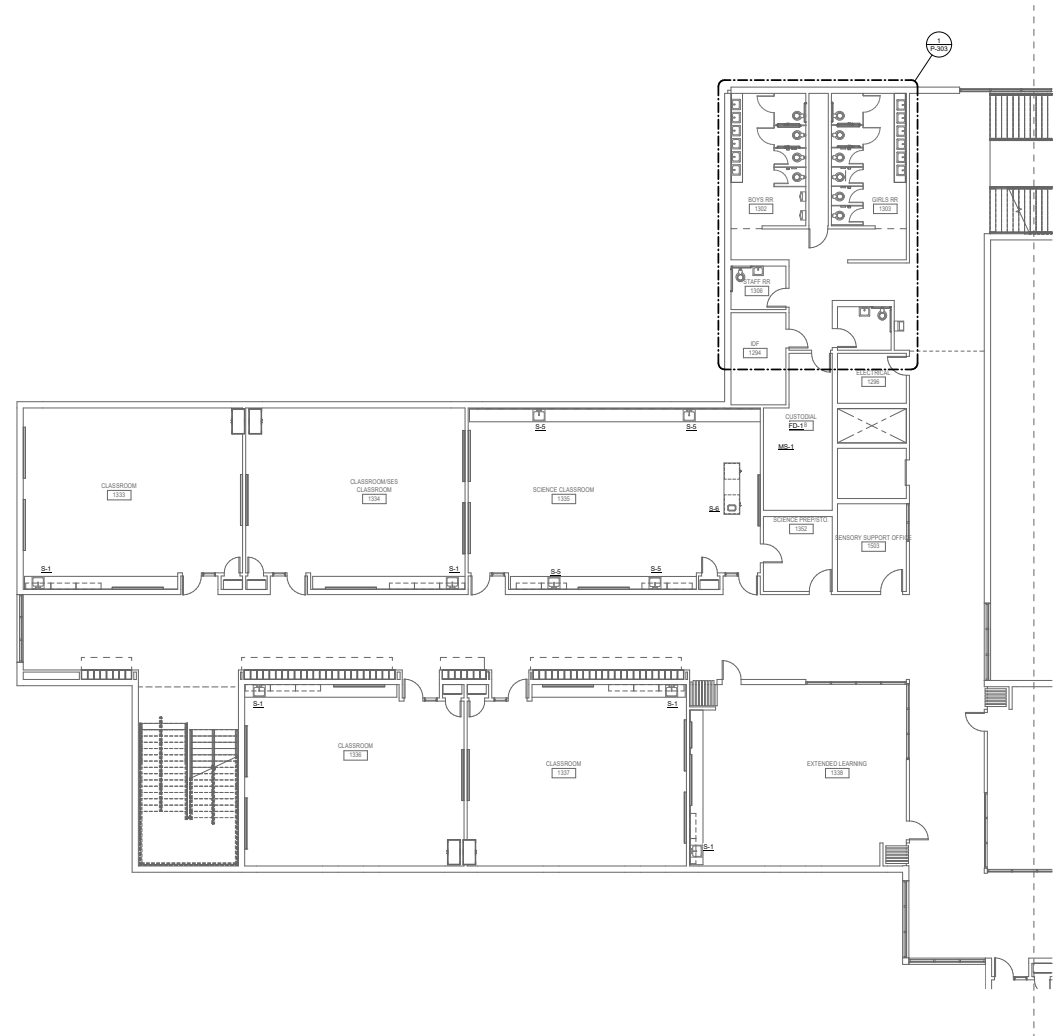


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6.1 Drawings



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1 THIRD FLOOR - WEST LEARNING SUITES
 1/8" = 1'-0"

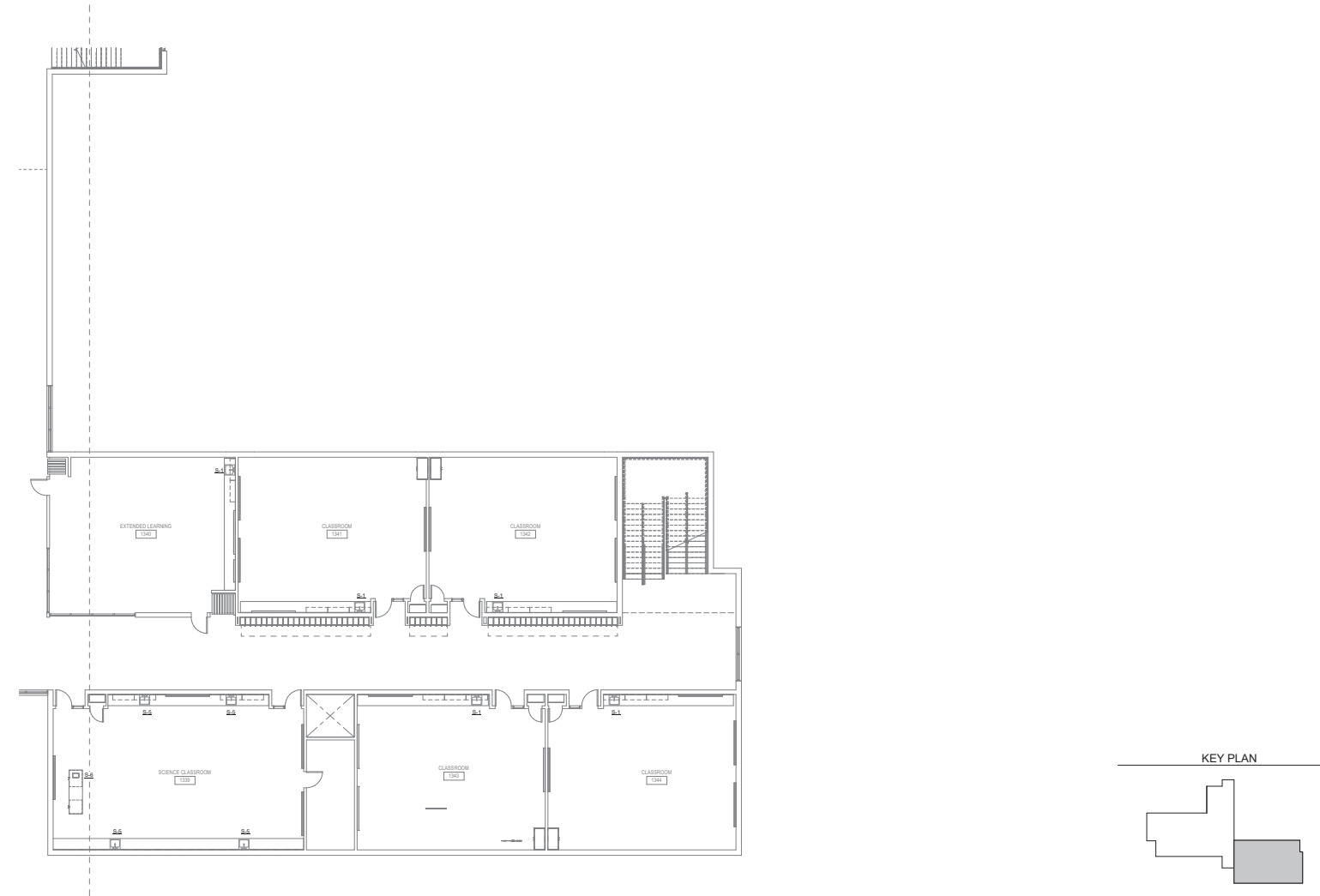


KELLOGG MIDDLE SCHOOL
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 SCHEMATIC DESIGN
 DATE: 01/25/2018

P-203A
 THIRD FLOOR - WEST LEARNING SUITES
 Project # 2017-0346



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① THIRD FLOOR - EAST LEARNING SUITES
 1/8" = 1'-0"



KELLOGG MIDDLE SCHOOL
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 SCHEMATIC DESIGN
 DATE: 01/25/2018

P-203B
 THIRD FLOOR - EAST LEARNING SUITES
 Project # 2017-0346

GENERAL INFORMATION
1

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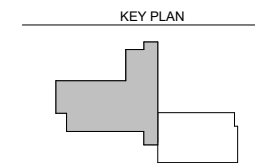
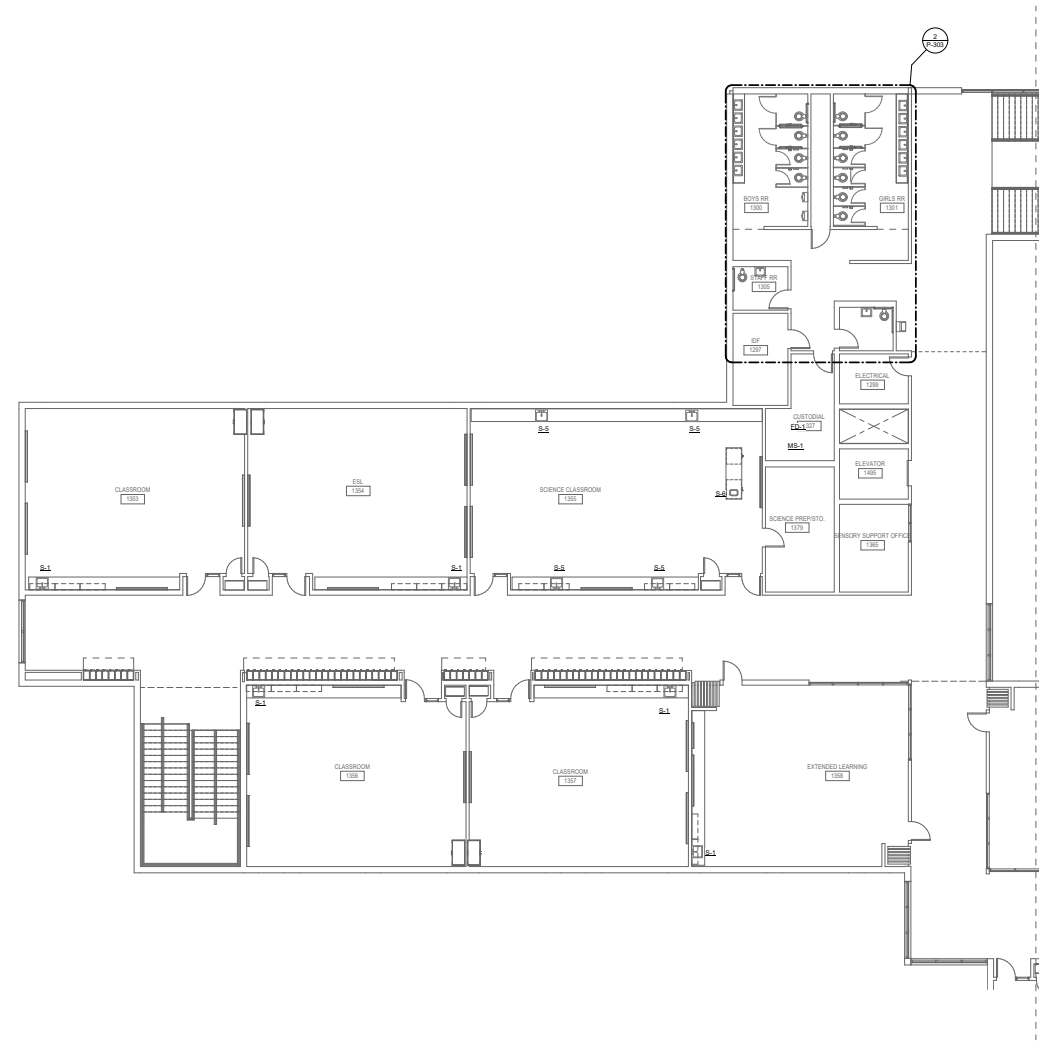
6.1 Drawings

DRAWINGS
6

APPENDIX
7



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① FOURTH FLOOR - WEST LEARNING SUITES
1/8" = 1'-0"



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PORTLAND, OR 97206

SCHEMATIC DESIGN

DATE: 01/25/2018

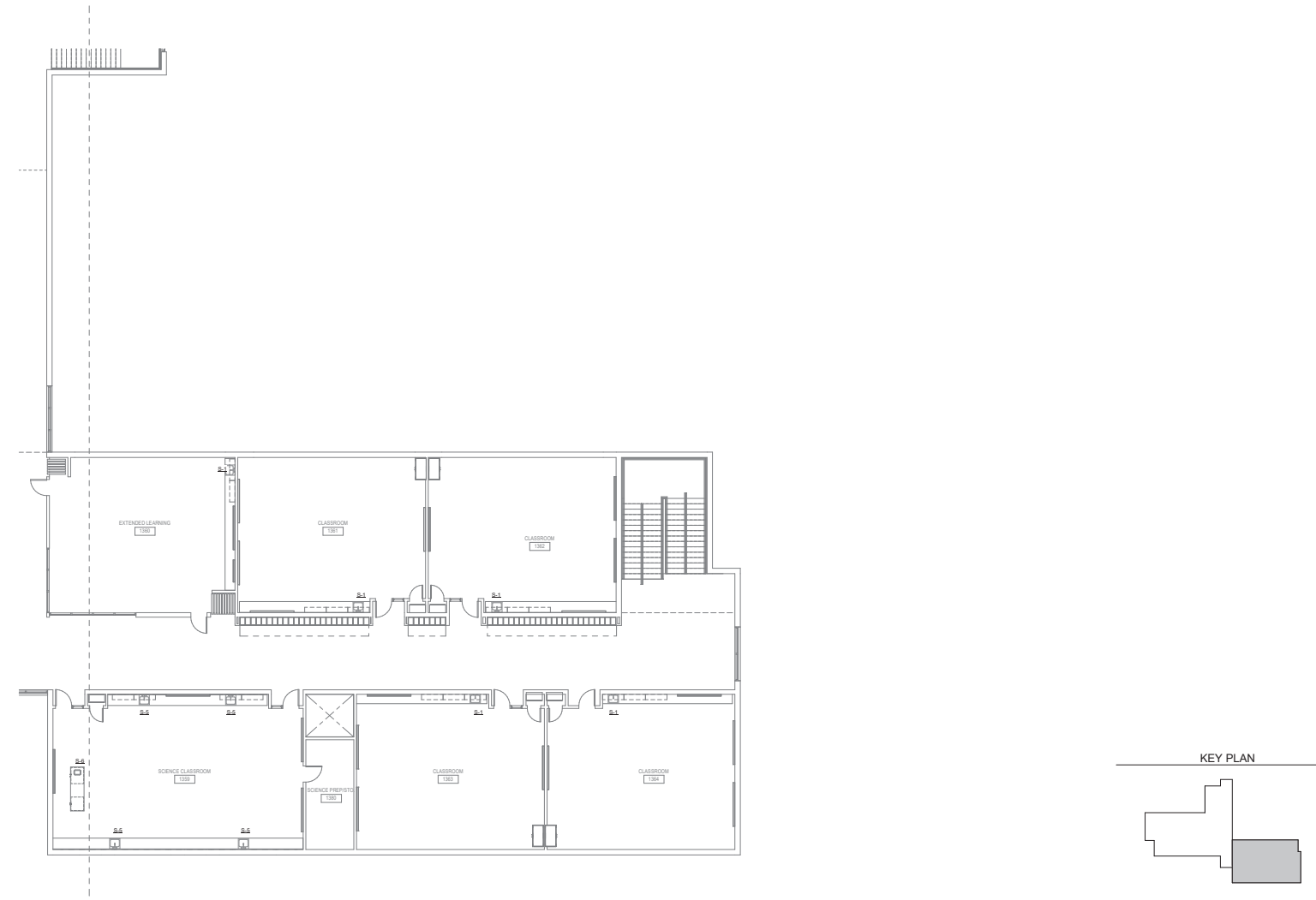
P-204A

FOURTH FLOOR - WEST LEARNING SUITES

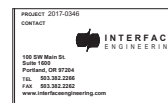
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1 FOURTH FLOOR - EAST LEARNING SUITES
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P-204B
FOURTH FLOOR - EAST LEARNING SUITES
Project # 2017-0346

GENERAL INFORMATION
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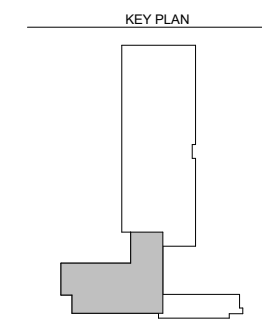
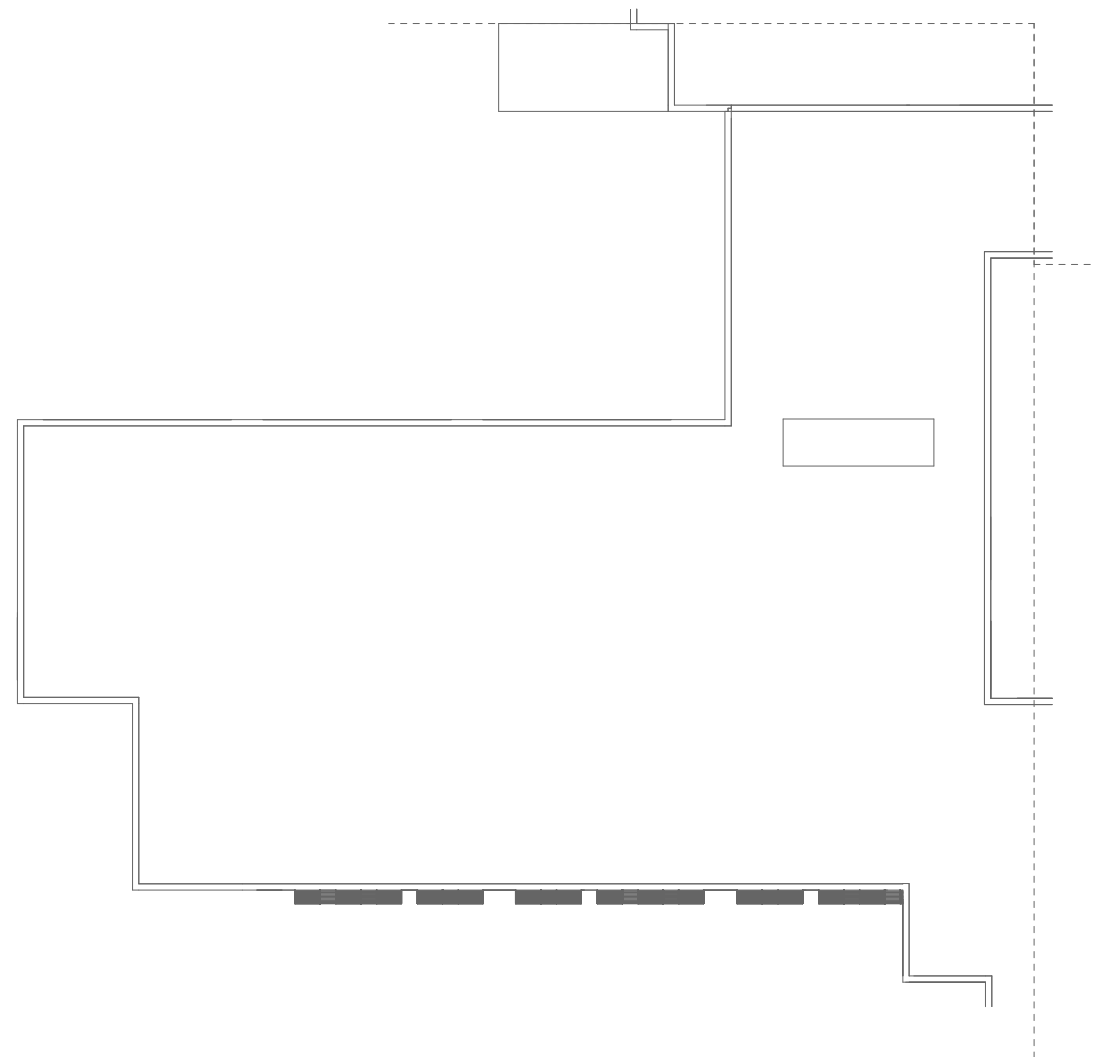
6.1 Drawings

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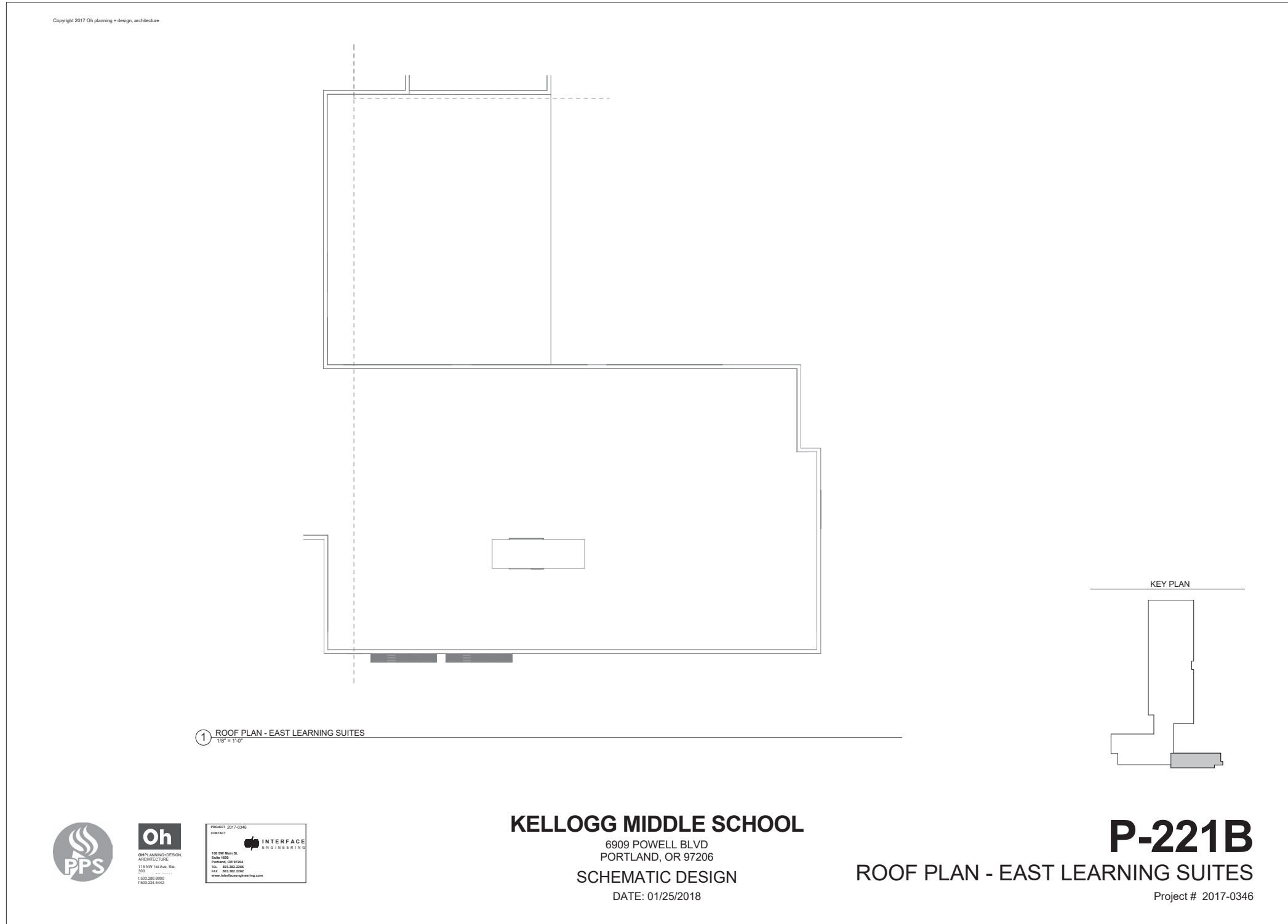


1 ROOF PLAN - WEST LEARNING SUITES
 1/8" = 1'-0"



KELLOGG MIDDLE SCHOOL
 6909 POWELL BLVD
 PORTLAND, OR 97206
 SCHEMATIC DESIGN
 DATE: 01/25/2018

P-221A
 ROOF PLAN - WEST LEARNING SUITES
 Project # 2017-0346



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6.1 Drawings

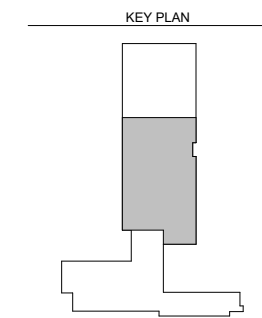
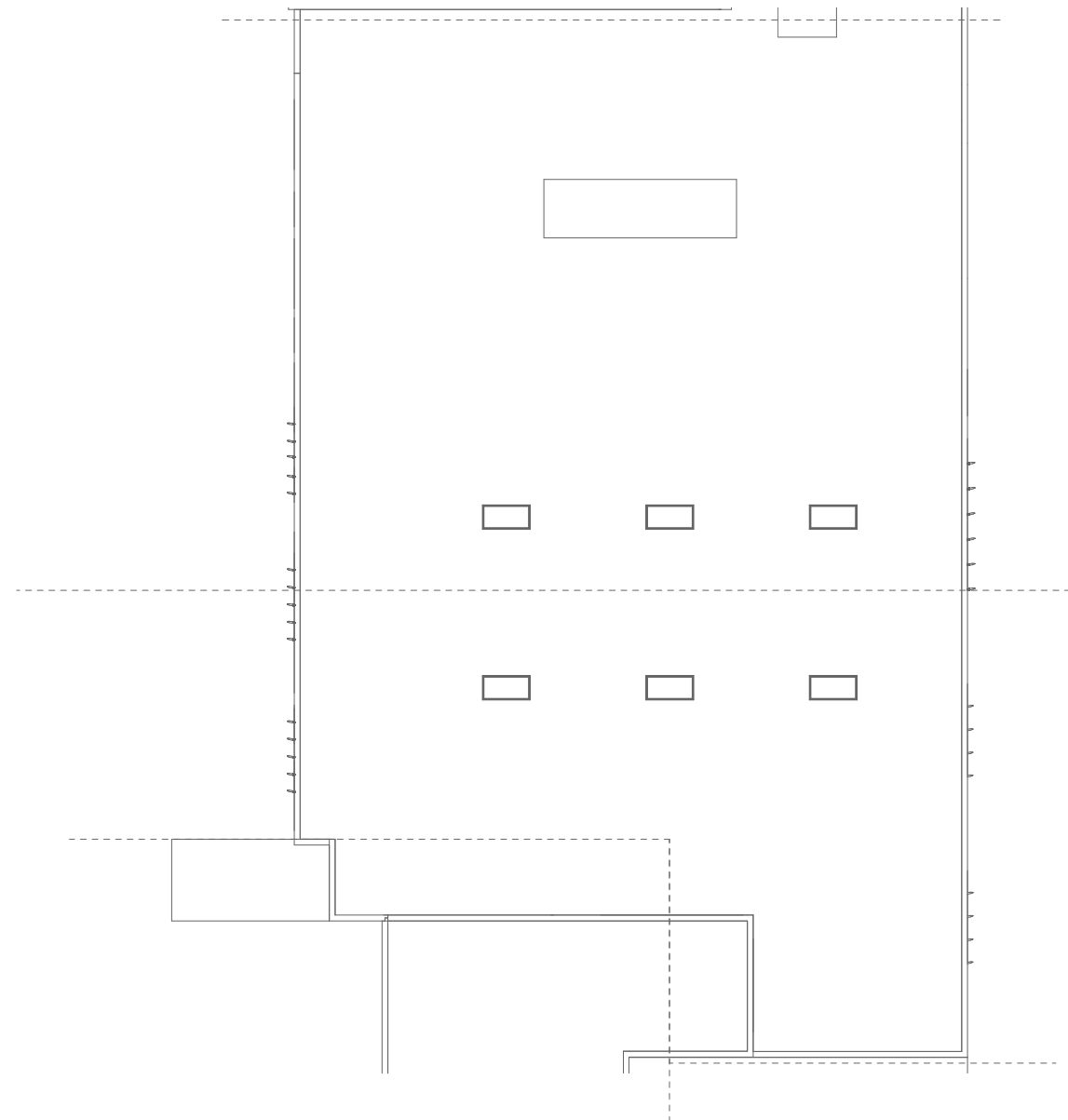


KELLOGG MIDDLE SCHOOL
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 PORTLAND, OR 97206
 SCHEMATIC DESIGN
 DATE: 01/25/2018

P-221B
ROOF PLAN - EAST LEARNING SUITES
 Project # 2017-0346



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

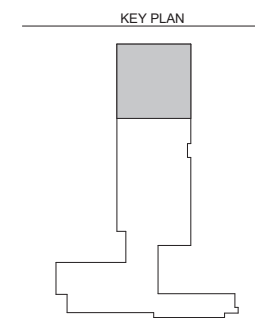
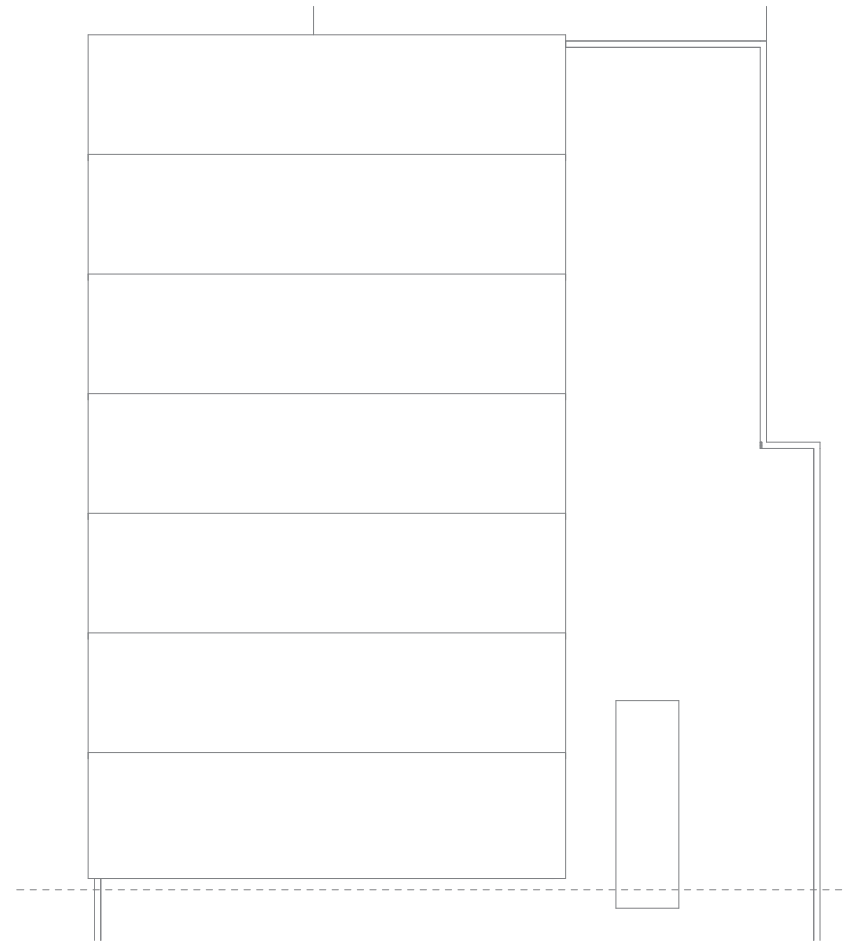


KELLOGG MIDDLE SCHOOL
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 SCHEMATIC DESIGN
 DATE: 01/25/2018

P-221C
 ROOF PLAN - COMMONS
 Project # 2017-0346



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

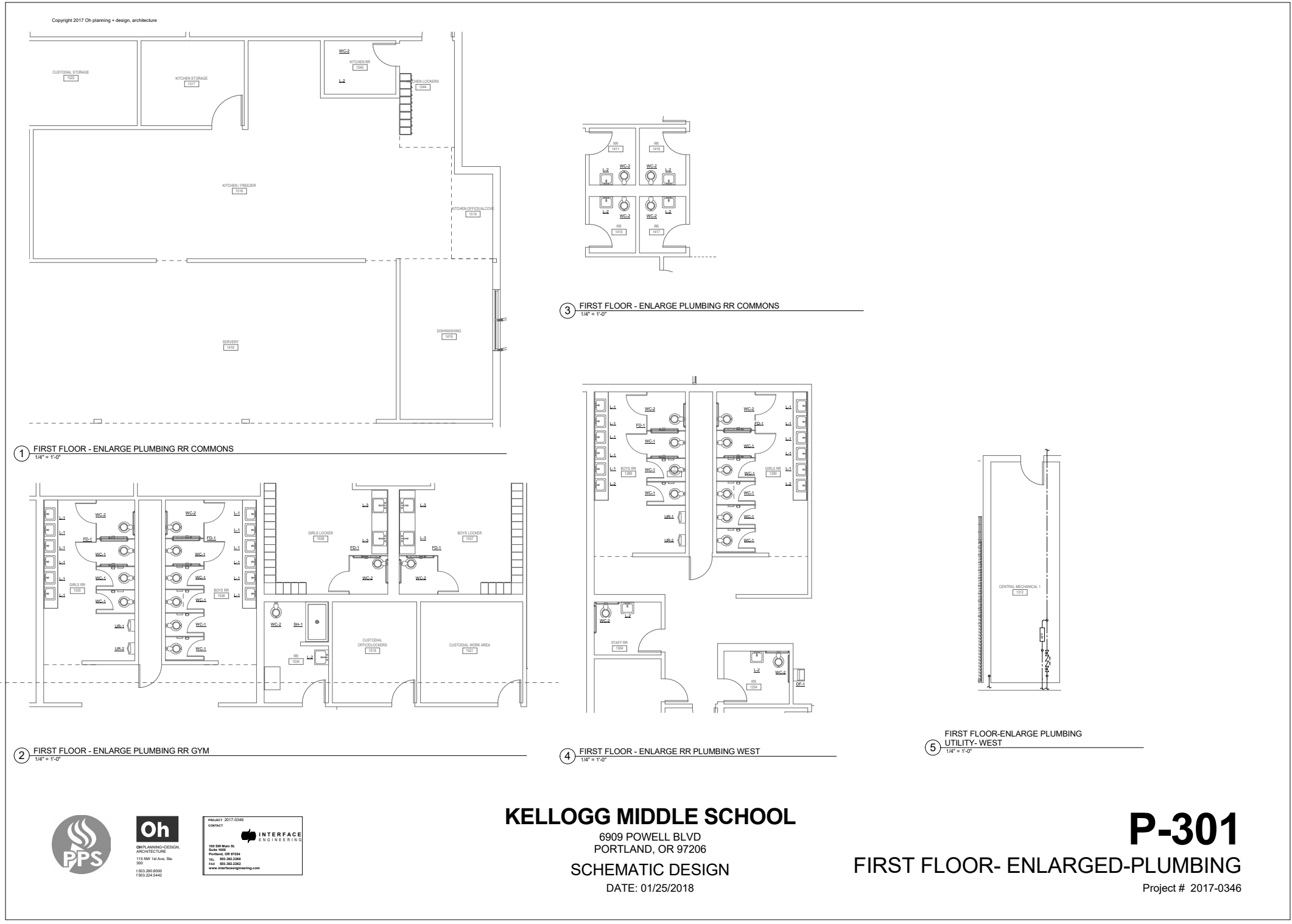


KELLOGG MIDDLE SCHOOL
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 PORTLAND, OR 97206
SCHEMATIC DESIGN
 DATE: 01/25/2018

P-221D
ROOF PLAN - GYM
 Project # 2017-0346

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PROJECT 2017-0346
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 111 NW 1st Ave. Ste. 300
 503.282.8000
 503.224.5442

INTERFACE ENGINEERS
 100 SW 8th St.
 Suite 1500
 Portland, OR 97204
 TEL: 503.382.2288
 FAX: 503.382.2282
 www.interfaceengineering.com

KELLOGG MIDDLE SCHOOL
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 SCHEMATIC DESIGN
 DATE: 01/25/2018

P-301
FIRST FLOOR- ENLARGED-PLUMBING
 Project # 2017-0346



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1 SECOND FLOOR - RR - WEST
1/4" = 1'-0"

2 SECOND FLOOR - MECHANICAL ROOM
1/2" = 1'-0"

KELLOGG MIDDLE SCHOOL
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 PORTLAND, OR 97206
 SCHEMATIC DESIGN
 DATE: 01/25/2018

P-302
 SECOND FLOOR - ENLARGED-PLUMBING
 Project # 2017-0346

Oh
 OH PLANNING + DESIGN, ARCHITECTURE
 110 NW 1st Ave, Ste. 200
 PORTLAND, OR 97201
 P 503.286.5000
 F 503.286.5442

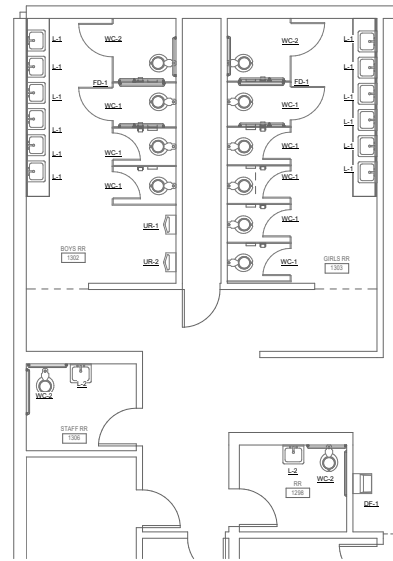
PROJECT 2017-0346
 CONTACT
 INTERFACE ENGINEERING
 150 SW Main St
 Suite 1500
 Portland, OR 97204
 TEL 503.382.2286
 FAX 503.382.2282
 www.interfaceengineering.com

6.1 Drawings

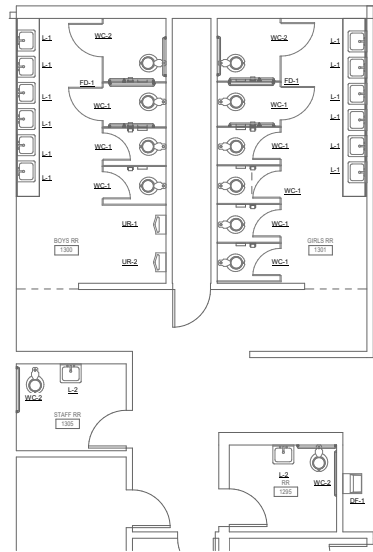
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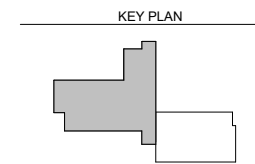
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① THIRD FLOOR ENLARGE PLUMBING - RR- WEST
 1/4" = 1'-0"



② FOURTH FLOOR - ENLARGE PLUMBING - RR- WEST
 1/4" = 1'-0"



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 SCHEMATIC DESIGN
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P-303
ENLARGED -PLUMBING
 Project # 2017-0346



ELECTRICAL SYMBOL LIST
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NOTE: This is a standard symbol list and not all items listed may be used.
Abbreviations: AFC ABOVE FINISHED CEILING, AFF ABOVE FINISHED FLOOR, AFG ABOVE FINISHED GRADE, etc.
Connections / Equipment: COMBINATION ADJUSTABLE FREQUENCY DRIVE WITH SAFETY DISCONNECT SWITCH, COMBINATION MOTOR STARTER/FUSED DISCONNECT SWITCH, CONTACTOR COIL, etc.
Fire Alarm: FIRE ALARM CONTROL PANEL, FIRE ALARM ANNUNCIATOR PANEL, FIRE ALARM INDICATOR PANEL, etc.
General: DETAIL NUMBER AND SHEET LOCATION, EQUIPMENT IDENTIFICATION, FOOD SERVICE EQUIPMENT / CALCULATION TAG, KEYED NOTE, etc.
Miscellaneous: BRANCH CIRCUIT WIRING, CONDUIT, CIRCUIT BREAKER, DRY TYPE TRANSFORMER, etc.
SHEET INDEX: 6-001 OVERALL FLOOR PLANS - KEY PLANS, 6-001 OVERALL FLOOR PLANS - KEY PLANS, 6-004 FIRST FLOOR - WEST LEARNING BUTTES, etc.

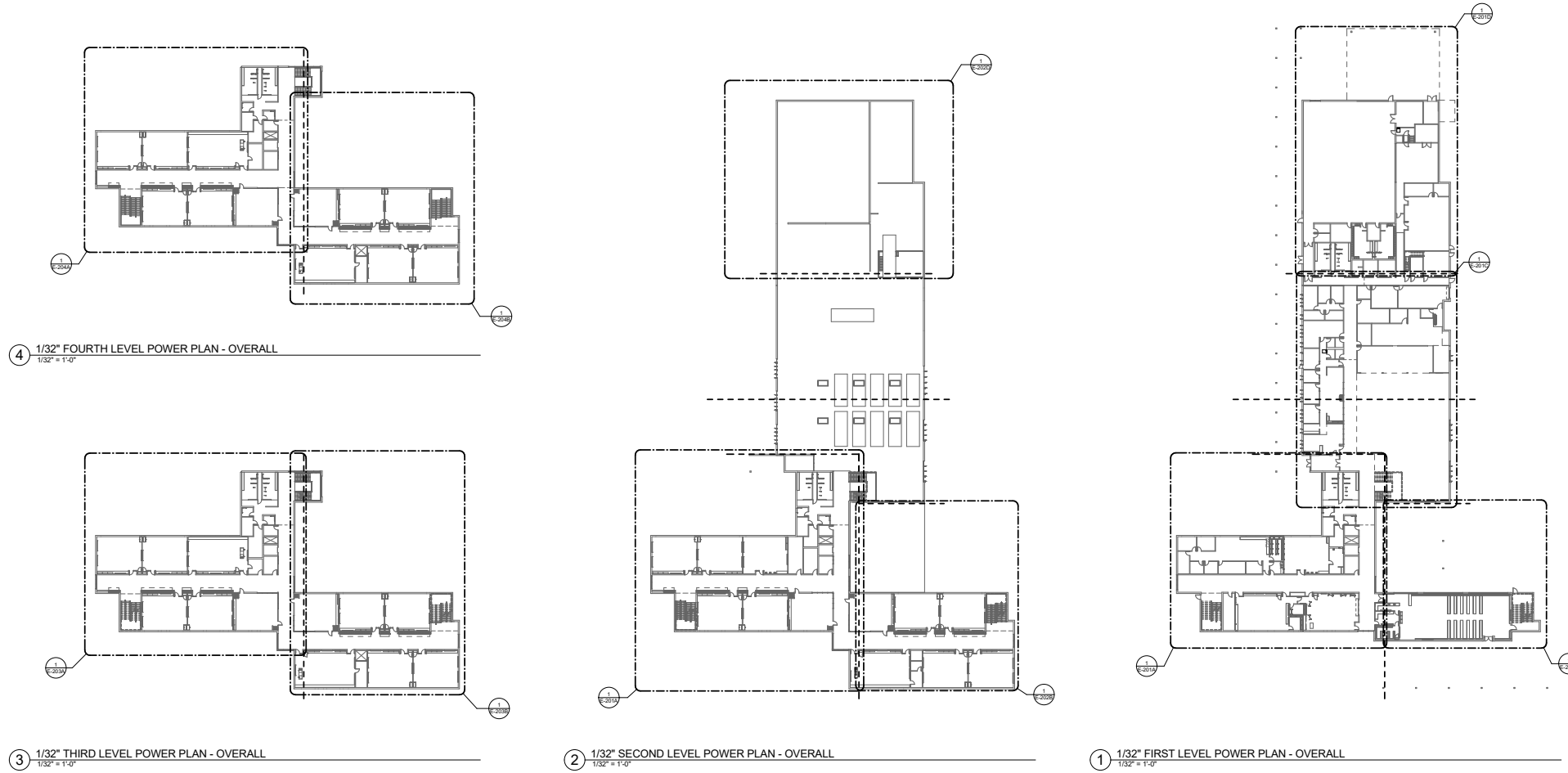
PPS Logo, Oh ARCHITECTURE logo, INTERFACE ENGINEERING logo
OH ARCHITECTURE
110 NW 1st Ave, Ste. 200
Portland, OR 97204
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503.286.5442

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SCHEMATIC DESIGN
DATE: 01/25/2018

E-001
SYMBOLS LISTS AND GENERAL NOTES - ELECTRICAL



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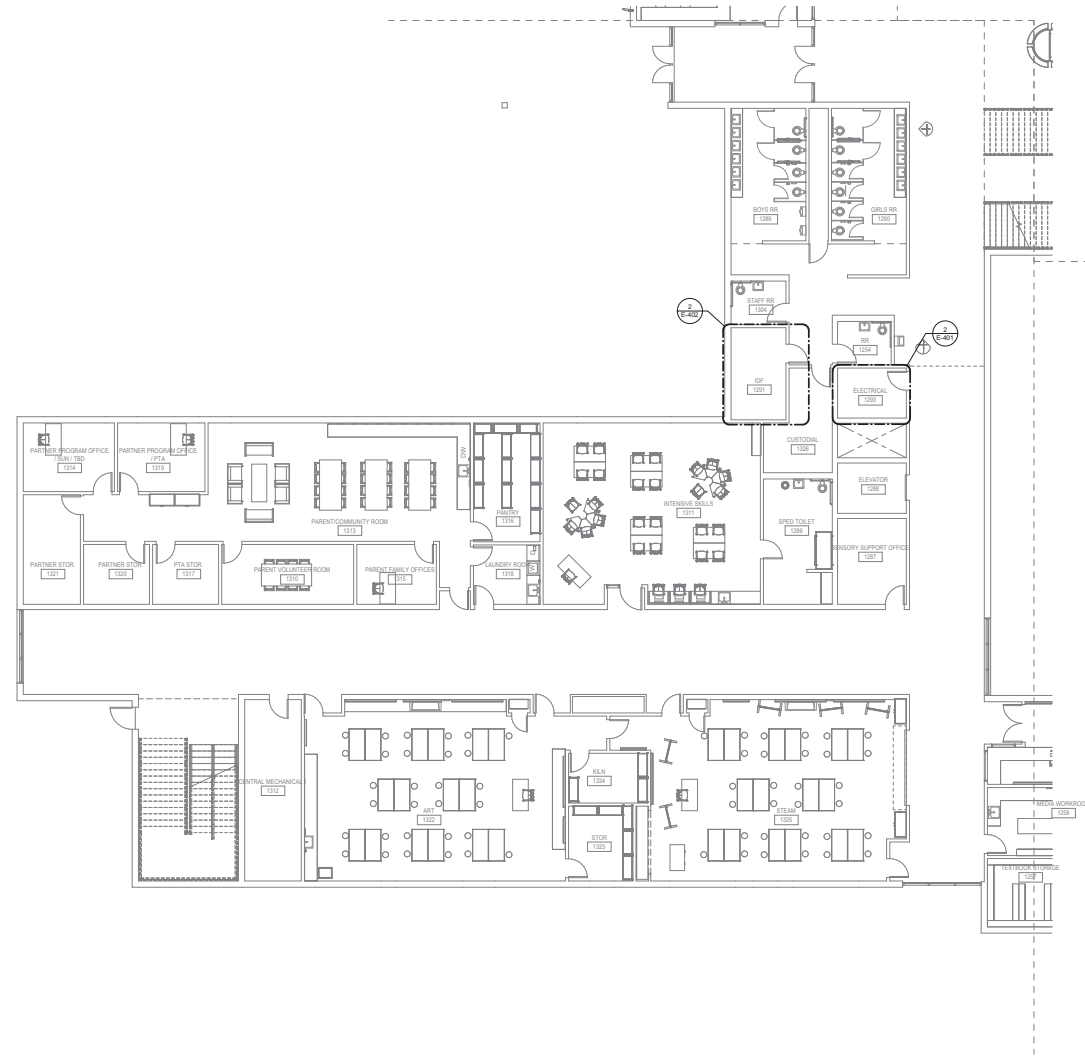
PROJECT 2017-0346
 CONTRACT
INTERFACE
 ENGINEERING
 100 SW Main St.
 Suite 1000
 Portland, OR 97204
 TEL: 503.282.2886
 FAX: 503.282.2882
 www.interfaceengineering.com

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 SCHEMATIC DESIGN
 DATE: 01/25/2018

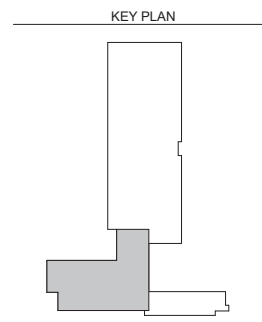
E-201
 OVERALL FLOOR PLANS – KEY PLANS
 Project # 2017-0346



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1 FIRST FLOOR - WEST LEARNING SUITES
 1/8" = 1'-0"



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 SCHEMATIC DESIGN
 DATE: 01/25/2018

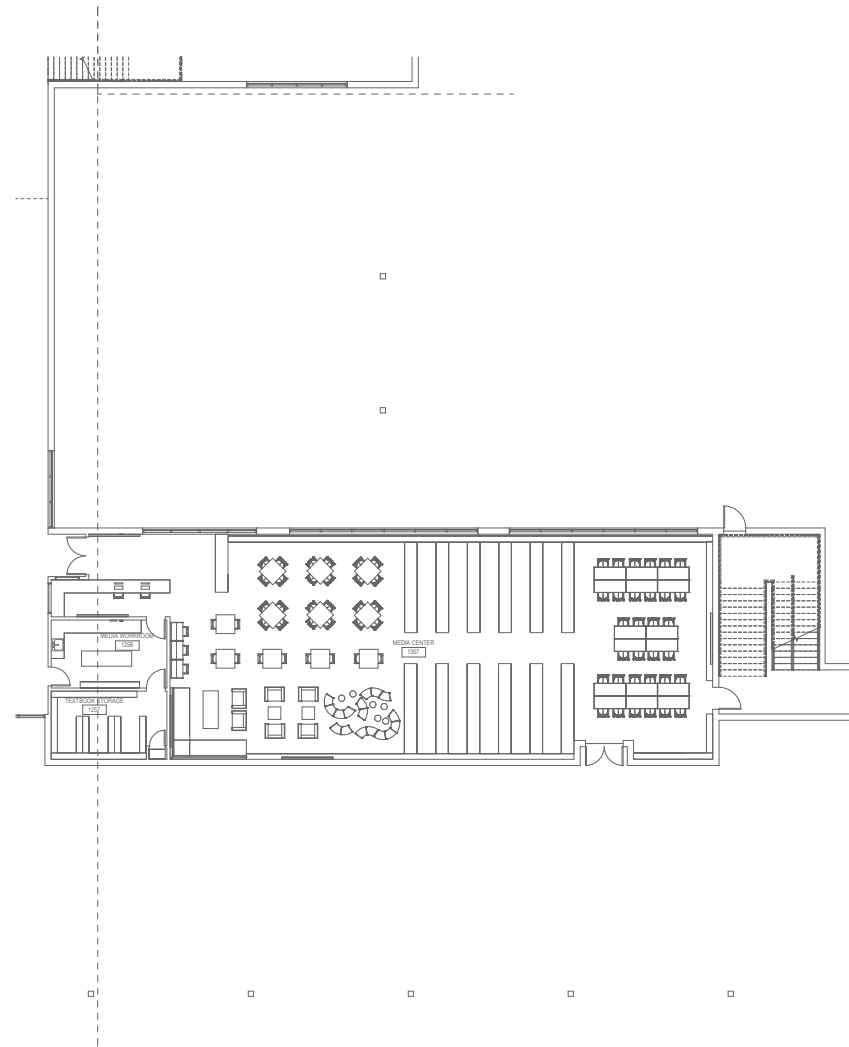
E-201A
FIRST FLOOR - WEST LEARNING SUITES
 Project # 2017-0346

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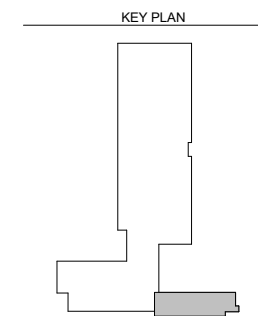
6.1 Drawings



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1 FIRST FLOOR - EAST LEARNING SUITES
 1/8" = 1'-0"

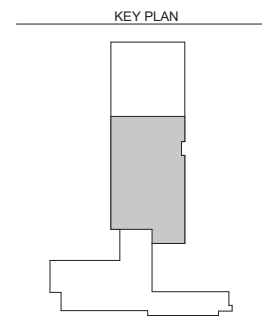
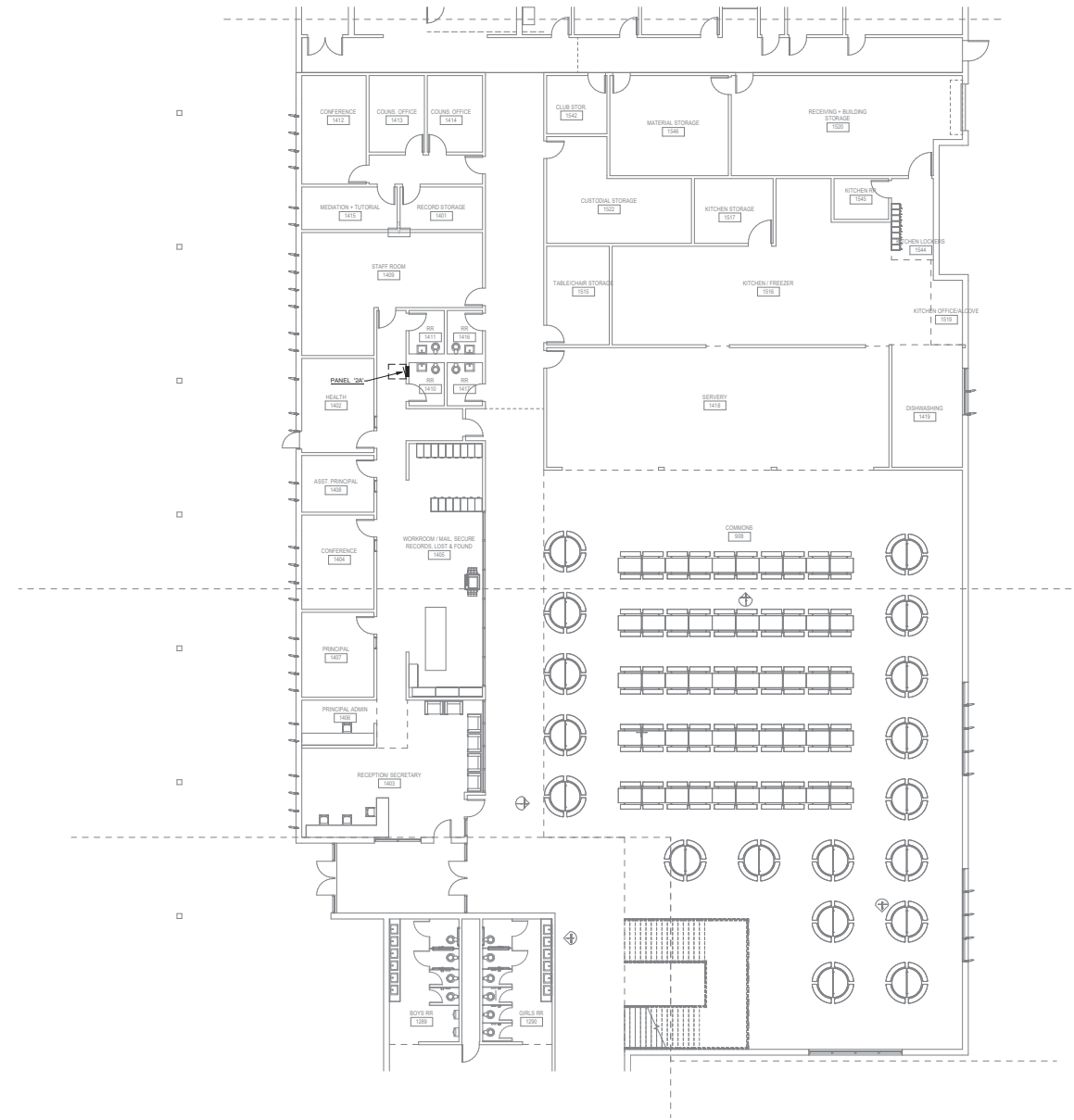


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 SCHEMATIC DESIGN
 DATE: 01/25/2018

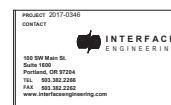
E-201B
 FIRST FLOOR - EAST LEARNING SUITES
 Project # 2017-0346



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1 FIRST FLOOR - COMMONS
 1/8" = 1'-0"



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 SCHEMATIC DESIGN
 DATE: 01/25/2018

E-201C
 FIRST FLOOR - COMMONS
 Project # 2017-0346

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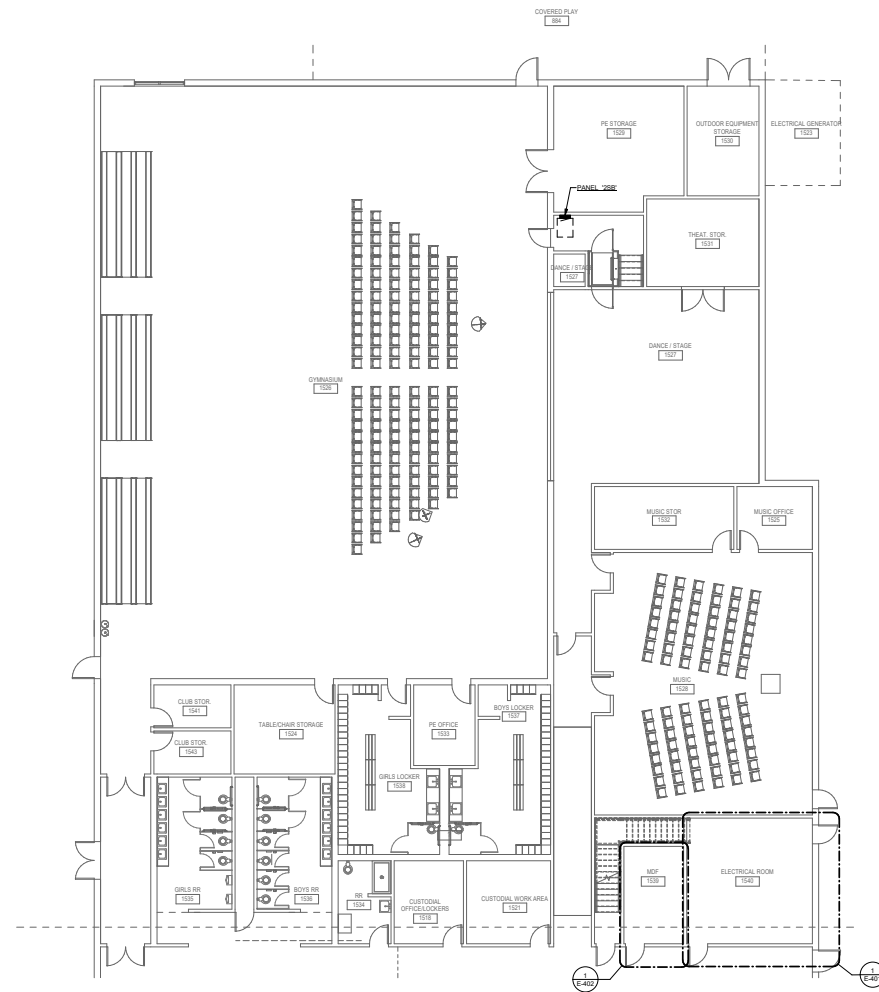
6.1 Drawings

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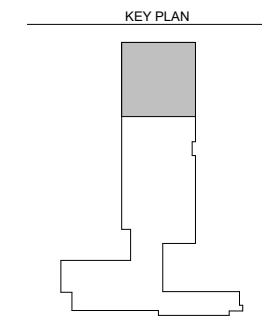
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1 FIRST FLOOR - GYM
 1/8" = 1'-0"



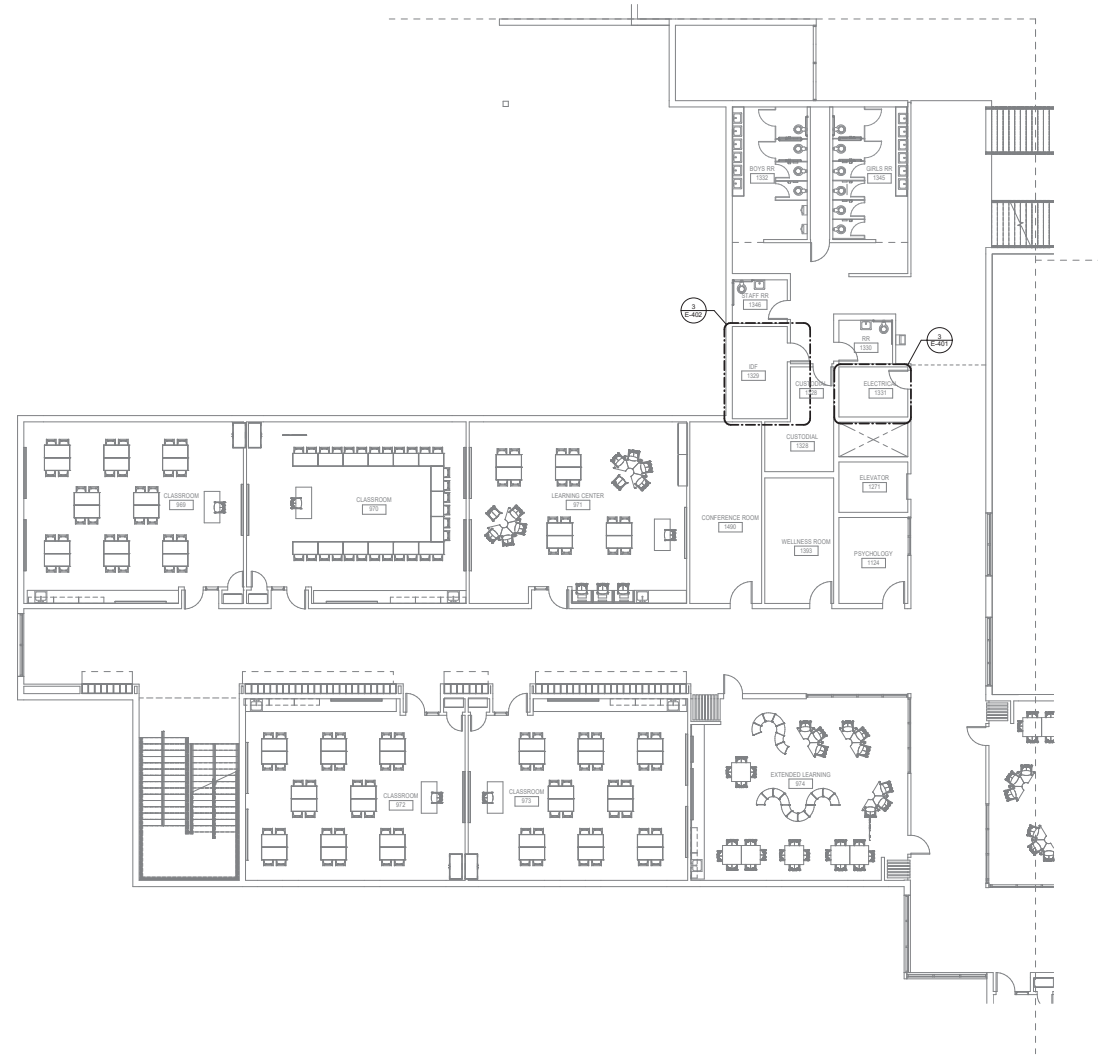
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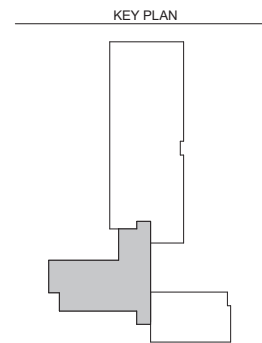
E-201D
 FIRST FLOOR - GYM
 Project # 2017-0346



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1 SECOND FLOOR - WEST LEARNING SUITES
 1/8" = 1'-0"



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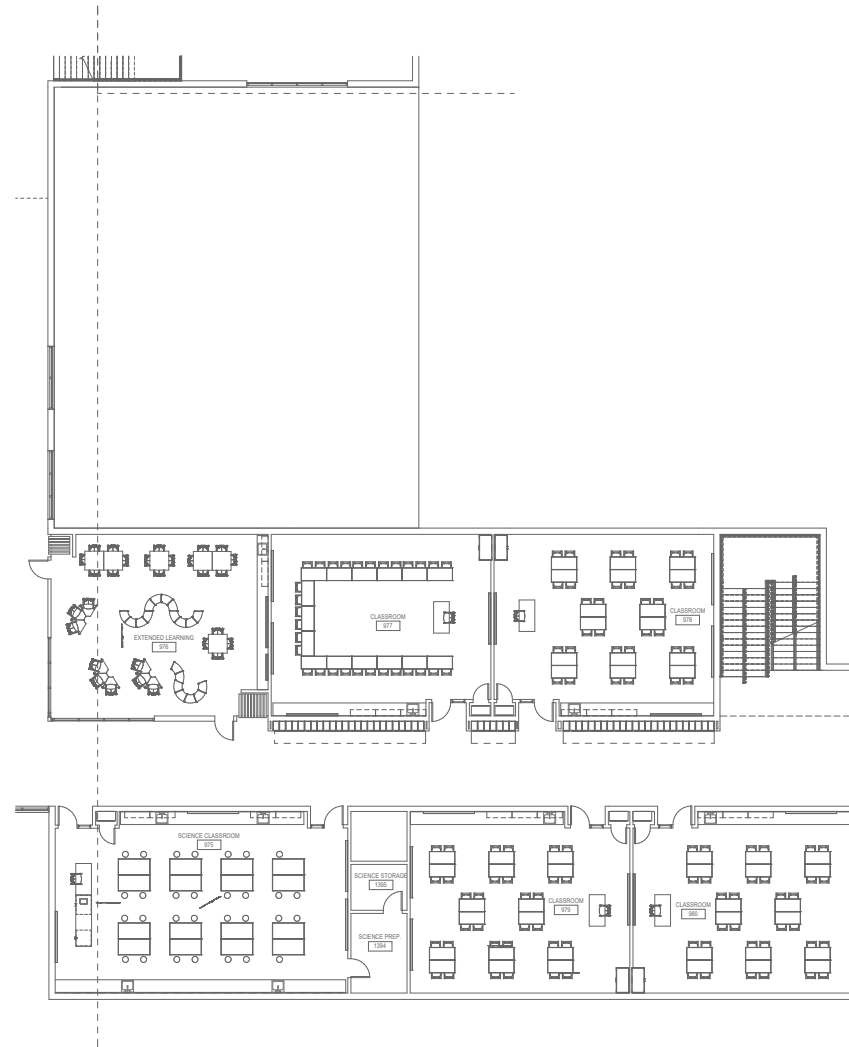
E-202A
 SECOND FLOOR - WEST LEARNING SUITES
 Project # 2017-0346

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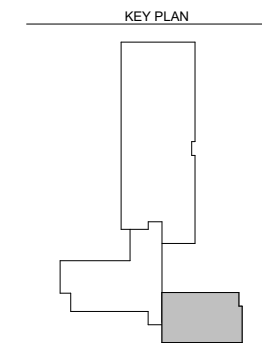
6.1 Drawings



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1 SECOND FLOOR - EAST LEARNING SUITES
 1/8" = 1'-0"



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 SCHEMATIC DESIGN
 DATE: 01/25/2018

E-202B
 SECOND FLOOR - EAST LEARNING SUITES
 Project # 2017-0346

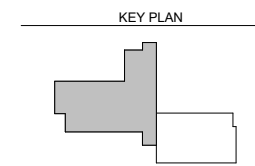
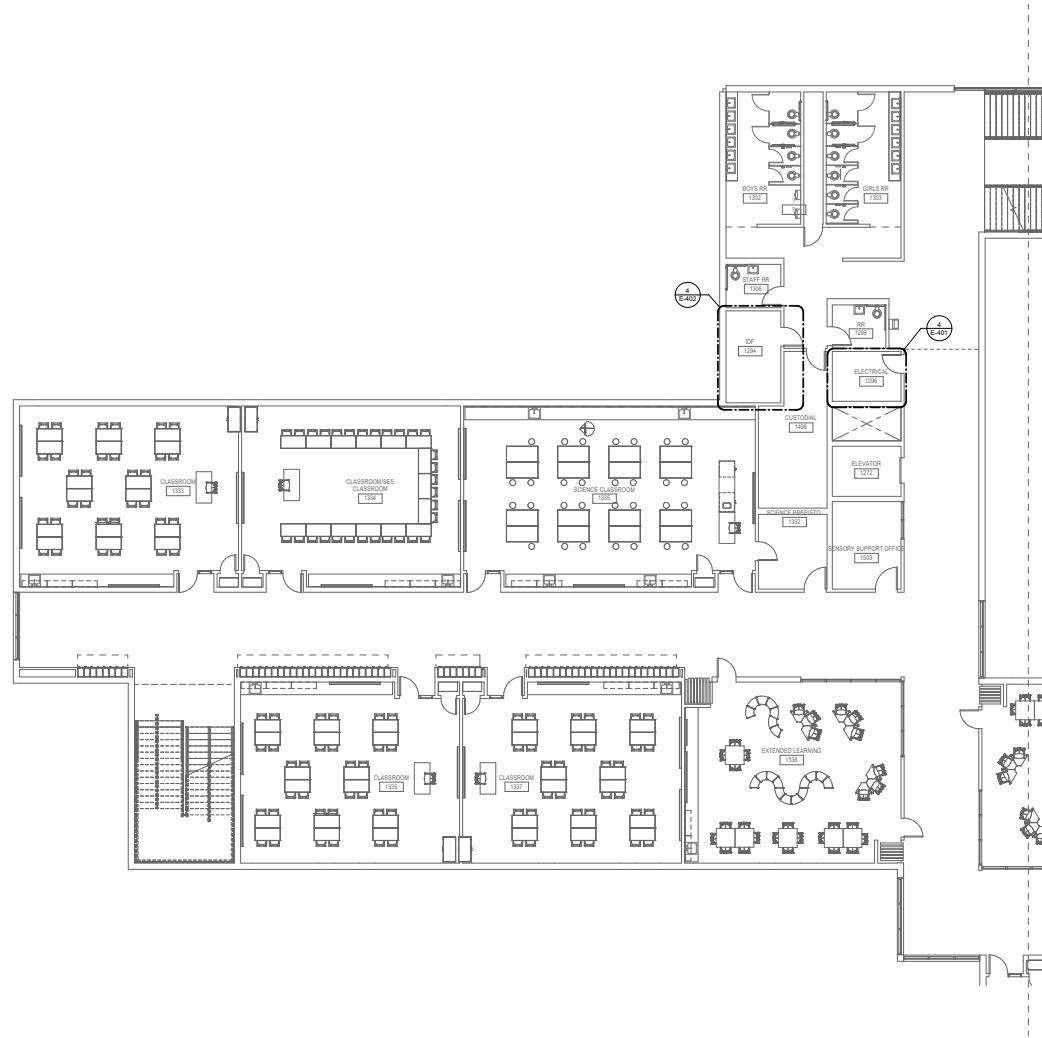


6.1 Drawings

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1 THIRD FLOOR - WEST LEARNING SUITES
 1/8" = 1'-0"

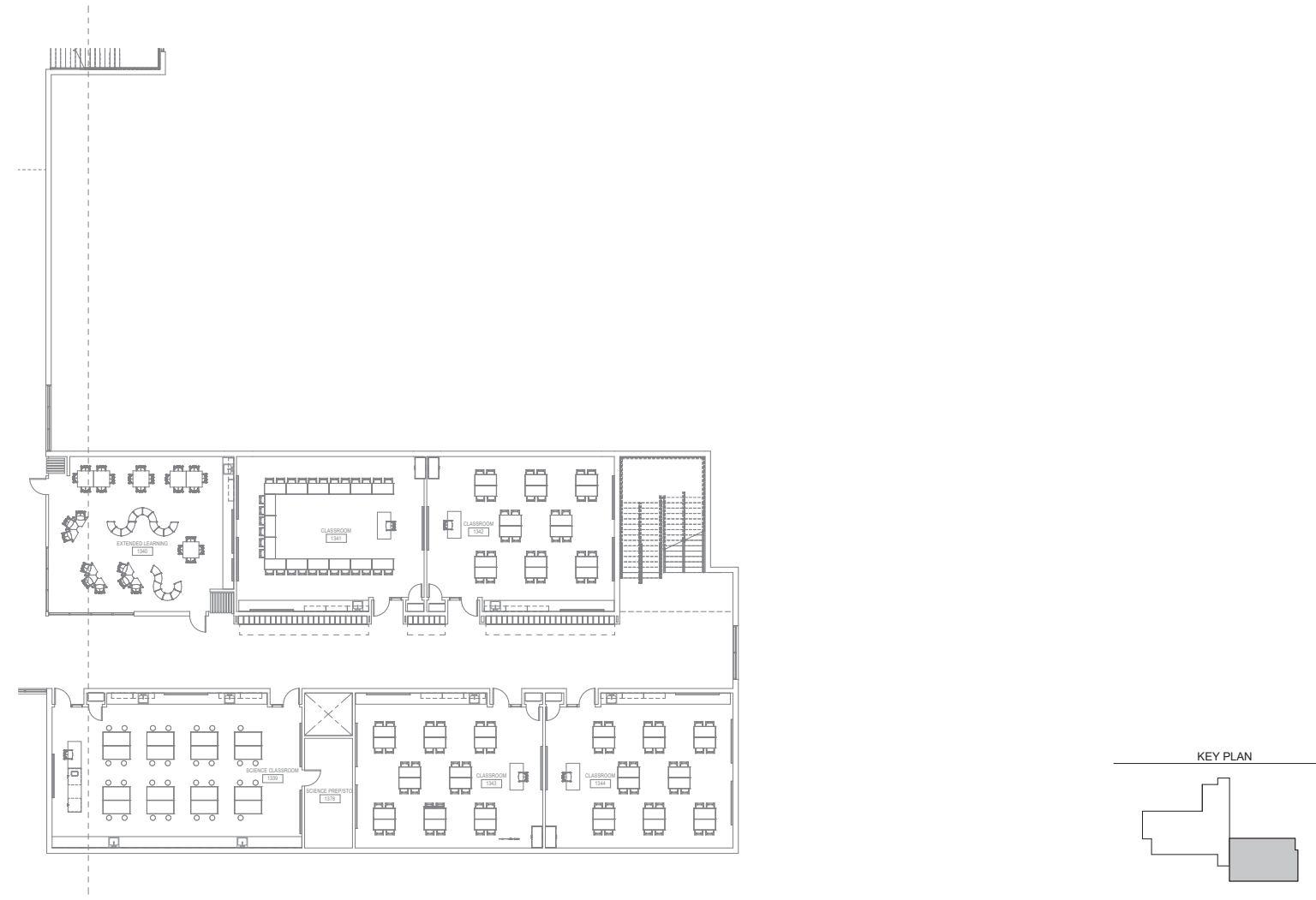


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E-203A
 THIRD FLOOR - WEST LEARNING SUITES
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① THIRD FLOOR - EAST LEARNING SUITES
 1/8" = 1'-0"



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 SCHEMATIC DESIGN
 DATE: 01/25/2018

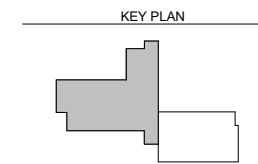
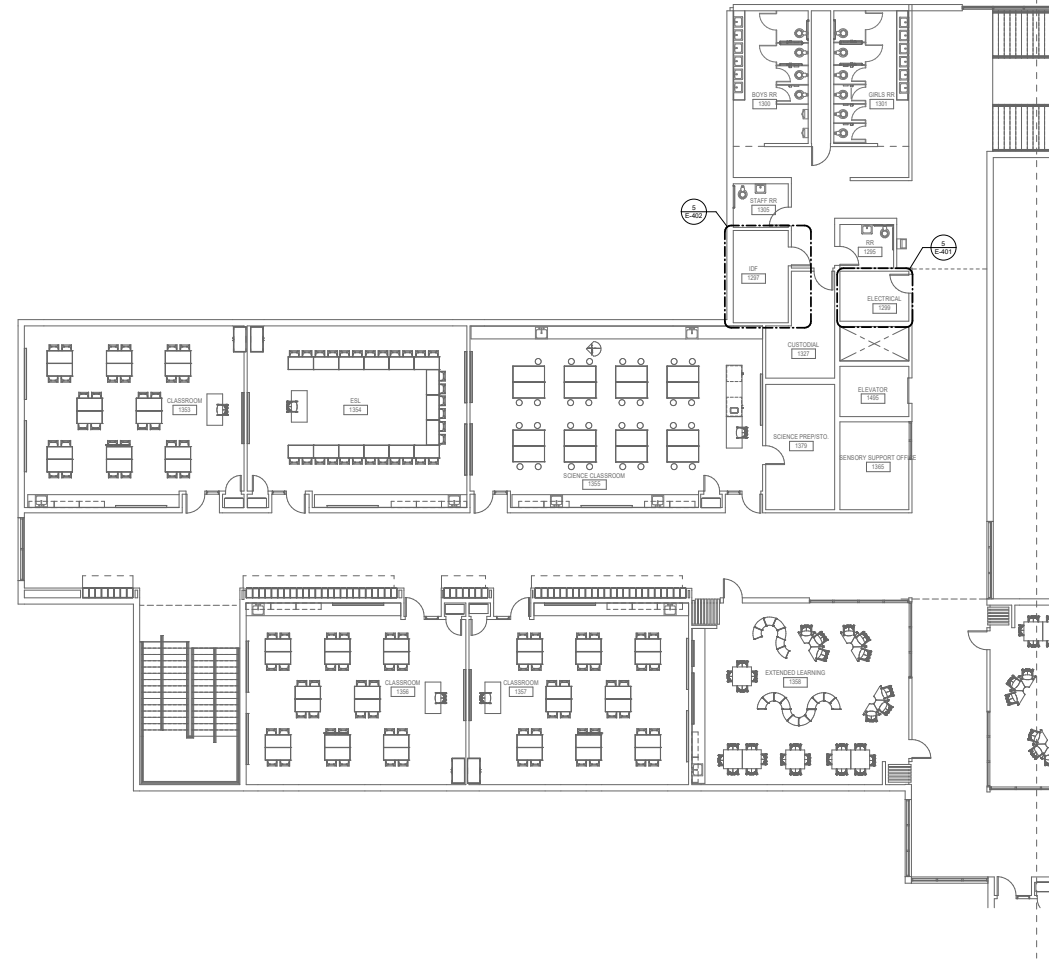
E-203B
 THIRD FLOOR - EAST LEARNING SUITES
 Project # 2017-0346

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6.1 Drawings



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1 FOURTH FLOOR - WEST LEARNING SUITES
1/8" = 1'-0"

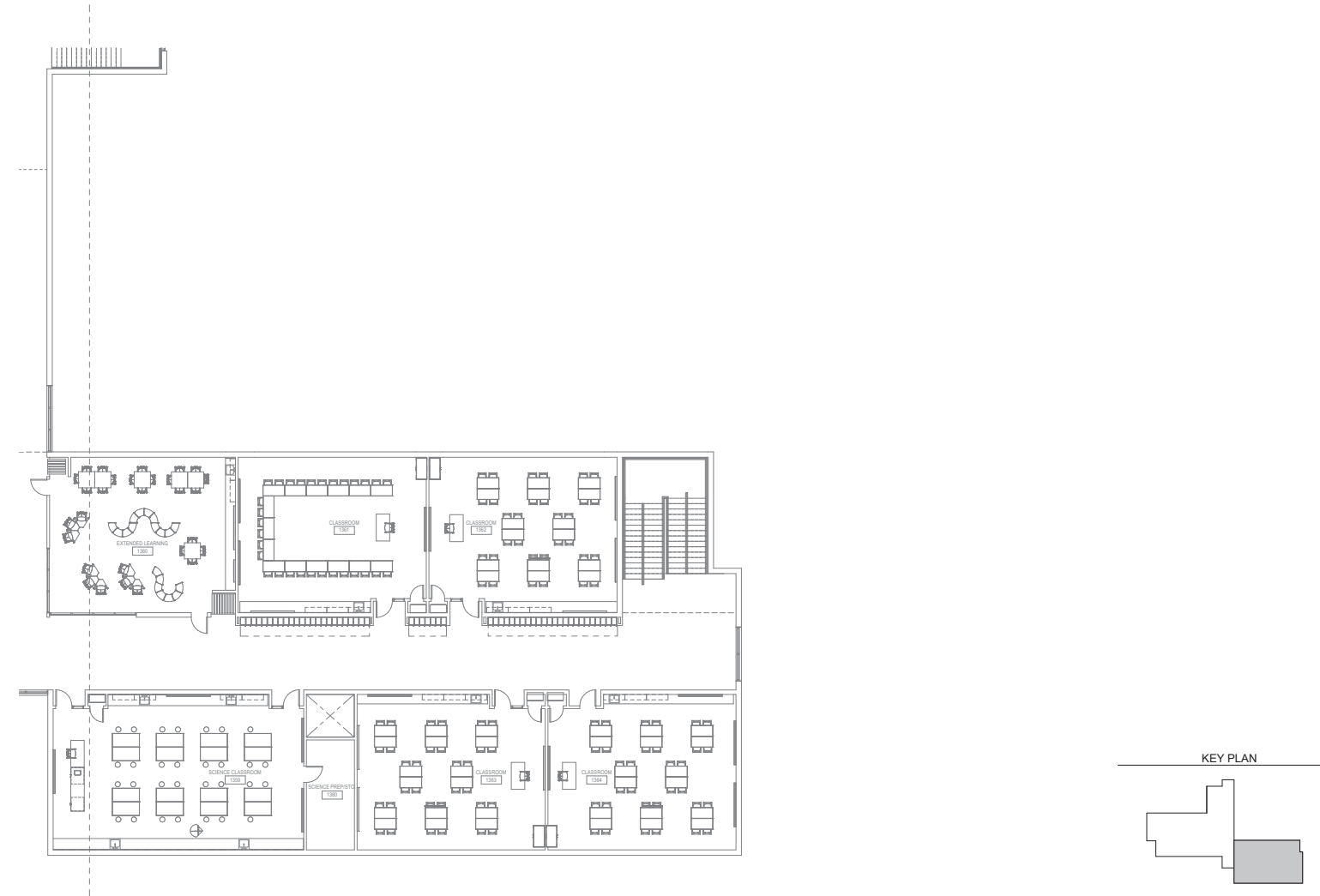


KELLOGG MIDDLE SCHOOL
6909 POWELL BLVD
PORTLAND, OR 97206
SCHEMATIC DESIGN
DATE: 01/25/2018

E-204A
FOURTH FLOOR - WEST LEARNING SUITES
Project # 2017-0346



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① FOURTH FLOOR - EAST LEARNING SUITES
 1/8" = 1'-0"



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 SCHEMATIC DESIGN
 DATE: 01/25/2018

E-204B
 FOURTH FLOOR - EAST LEARNING SUITES
 Project # 2017-0346

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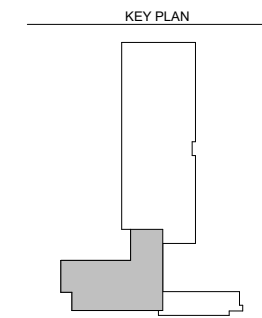
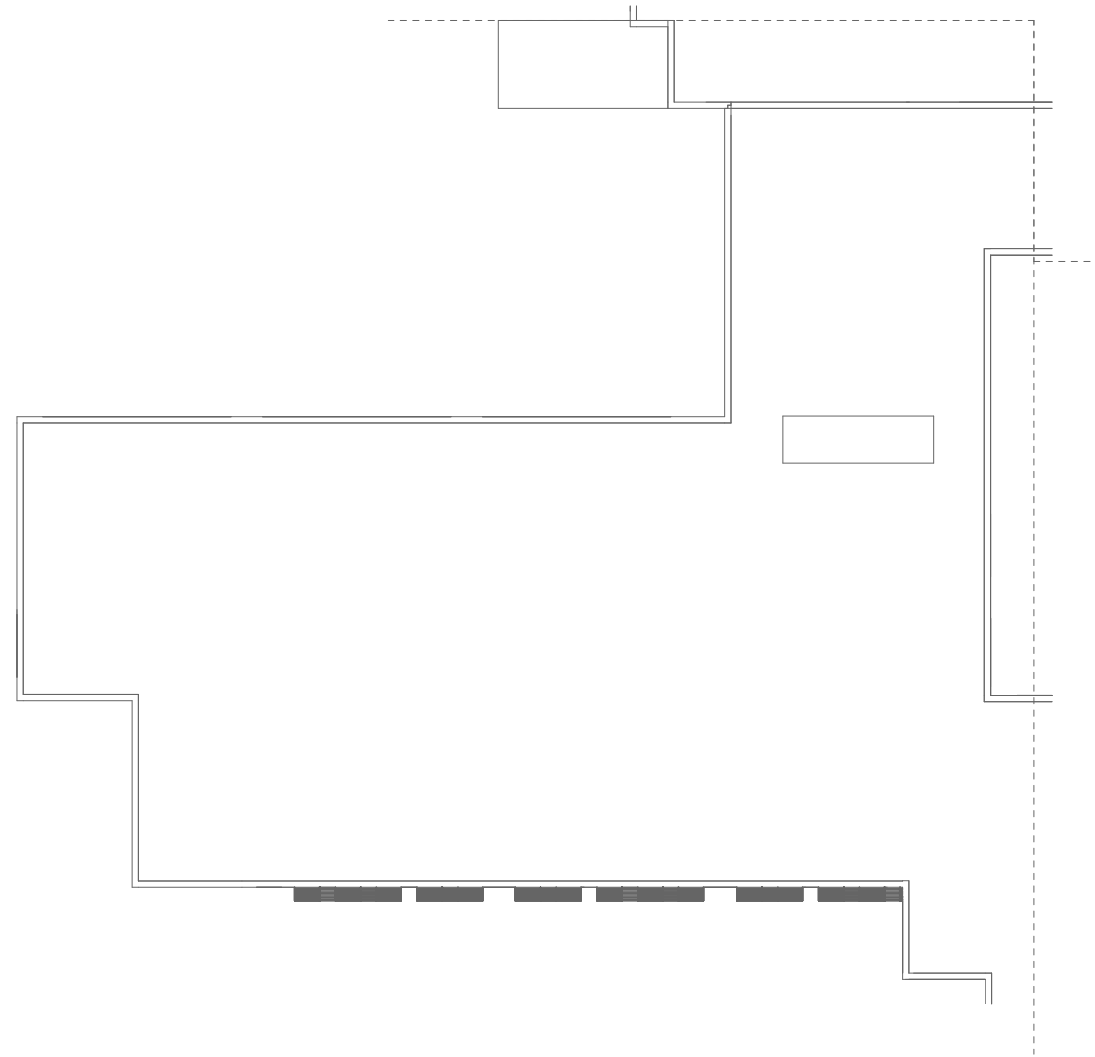
6.1 Drawings

DRAWINGS
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1 ROOF PLAN - WEST LEARNING SUITES
 1/8" = 1'-0"

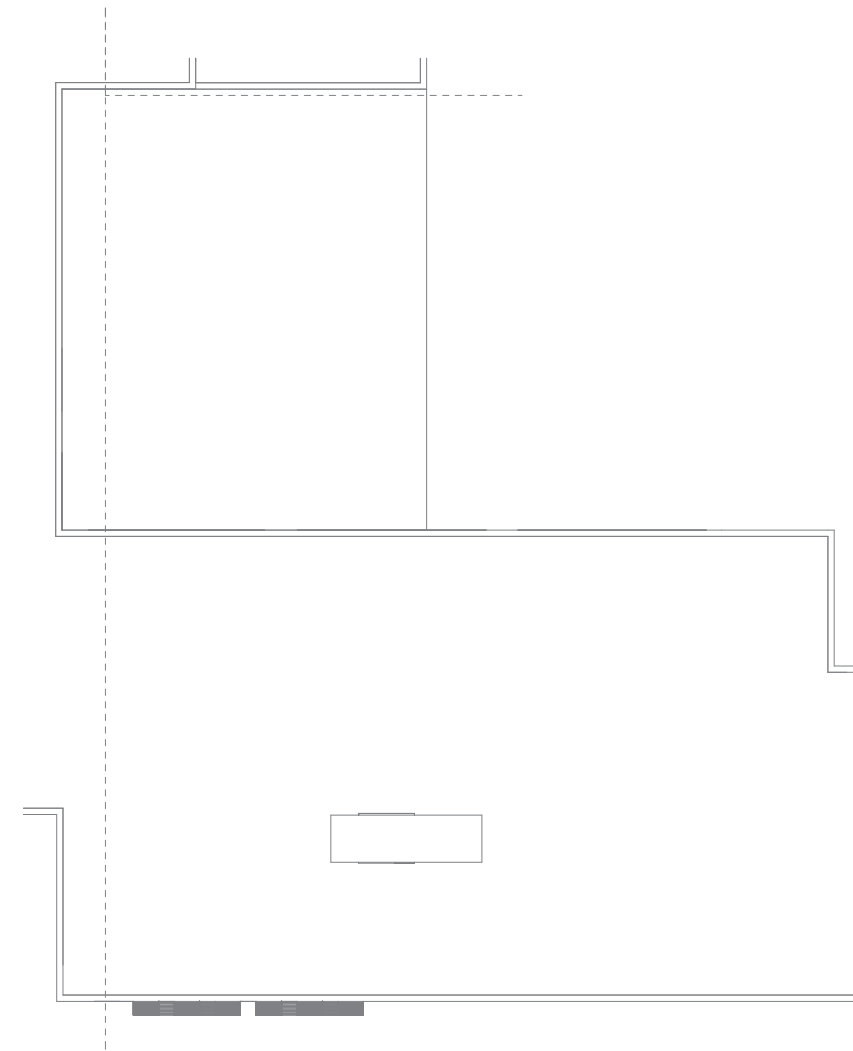


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 SCHEMATIC DESIGN
 DATE: 01/25/2018

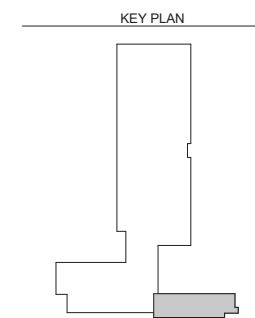
E-221A
 ROOF PLAN - WEST LEARNING SUITES
 Project # 2017-0346



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① ROOF PLAN - EAST LEARNING SUITES
 1/8" = 1'-0"



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 SCHEMATIC DESIGN
 DATE: 01/25/2018

E-221B
 ROOF PLAN - EAST LEARNING SUITES
 Project # 2017-0346

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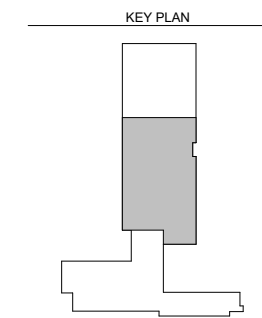
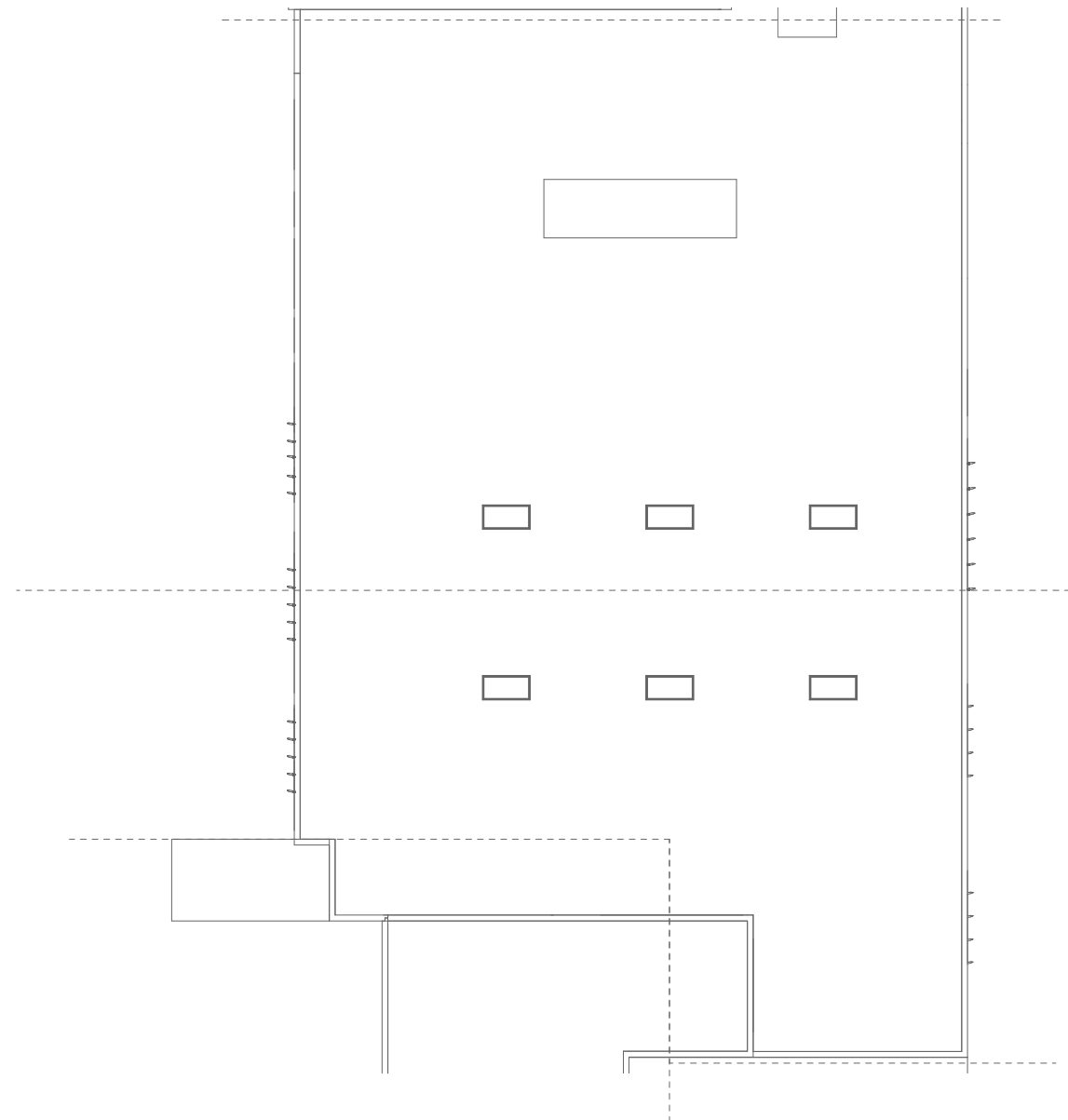
6.1 Drawings

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



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 DATE: 01/25/2018

E-221C
 ROOF PLAN - COMMONS
 Project # 2017-0346



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1 ENLARGED MAIN ELECTRICAL ROOM - FIRST FLOOR
1/4" = 1'-0"

2 ENLARGED ELECTRICAL 1578 ROOM - FIRST FLOOR
1/4" = 1'-0"

3 ENLARGED ELECTRICAL 1638 ROOM - SECOND FLOOR
1/4" = 1'-0"

4 ENLARGED ELECTRICAL 1643 ROOM - THIRD FLOOR
1/4" = 1'-0"

5 ENLARGED ELECTRICAL 1648 ROOM - FOURTH FLOOR
1/4" = 1'-0"

KELLOGG MIDDLE SCHOOL
 6909 POWELL BLVD
 PORTLAND, OR 97206
 SCHEMATIC DESIGN
 DATE: 01/25/2018

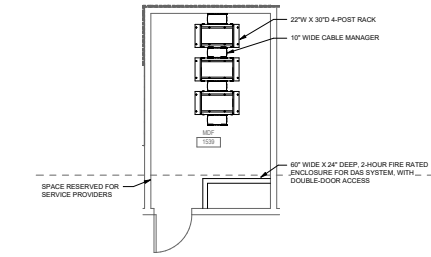
E-401
 ENLARGED PLANS - ELECTRICAL
 Project # 2017-0346

6.1 Drawings

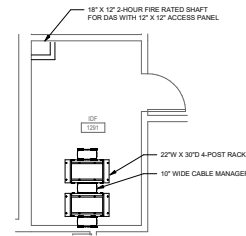
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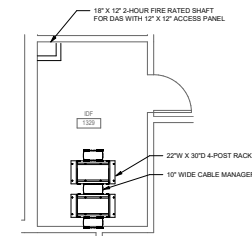
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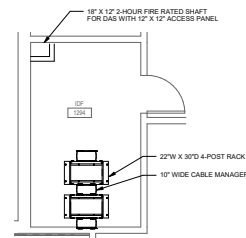
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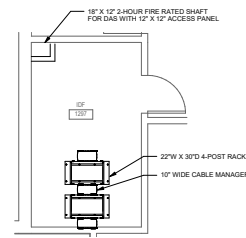
2 ENLARGED IDF 1571 ROOM - FIRST FLOOR
 1/4" = 1'-0"



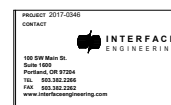
3 ENLARGED IDF 1636 ROOM - SECOND FLOOR
 1/4" = 1'-0"



4 ENLARGED IDF 1641 ROOM - THIRD FLOOR
 1/4" = 1'-0"

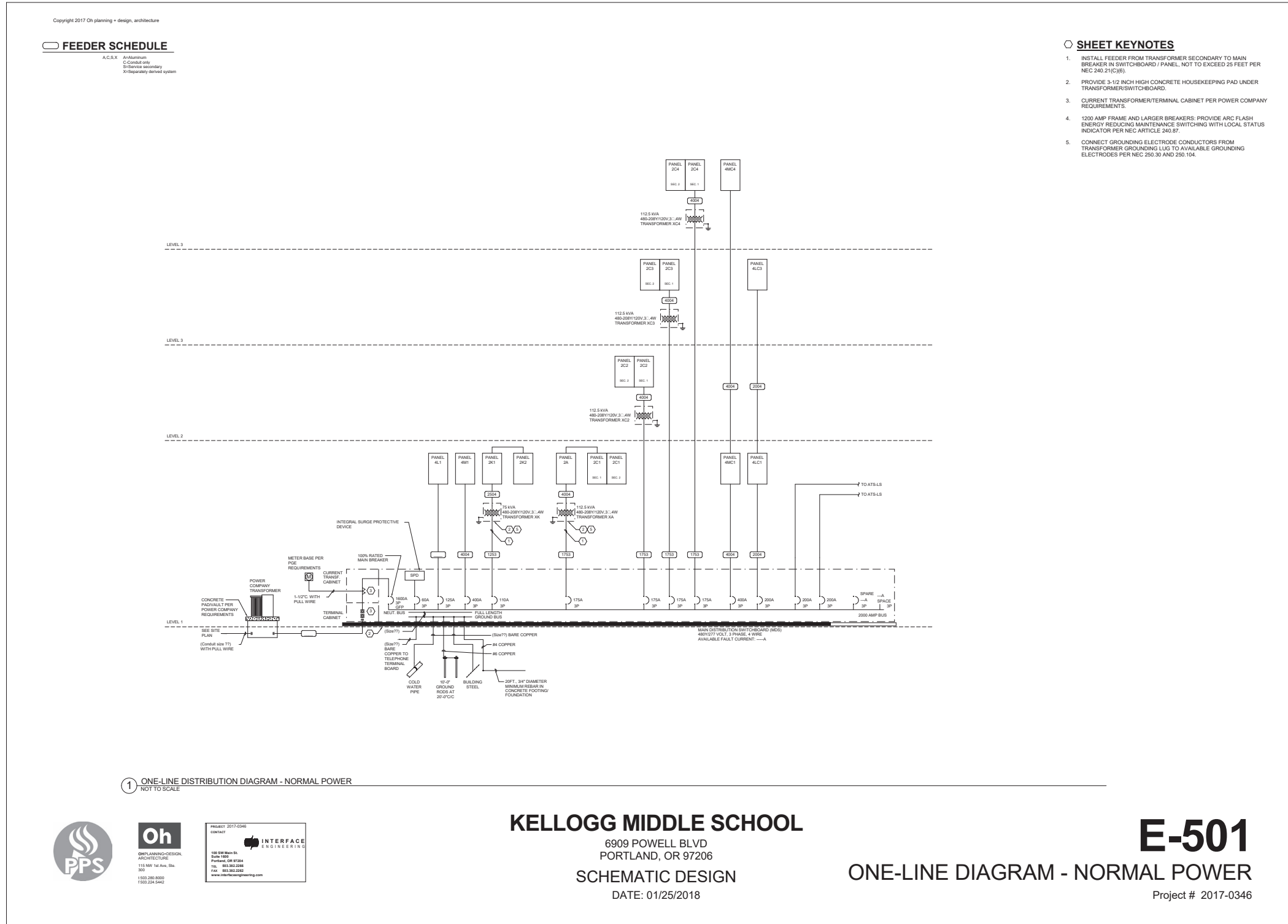


5 ENLARGED IDF 1646 ROOM - FOURTH FLOOR
 1/4" = 1'-0"



KELLOGG MIDDLE SCHOOL
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 DATE: 01/25/2018

E-402
 ENLARGED PLANS - TECHNOLOGY
 Project # 2017-0346



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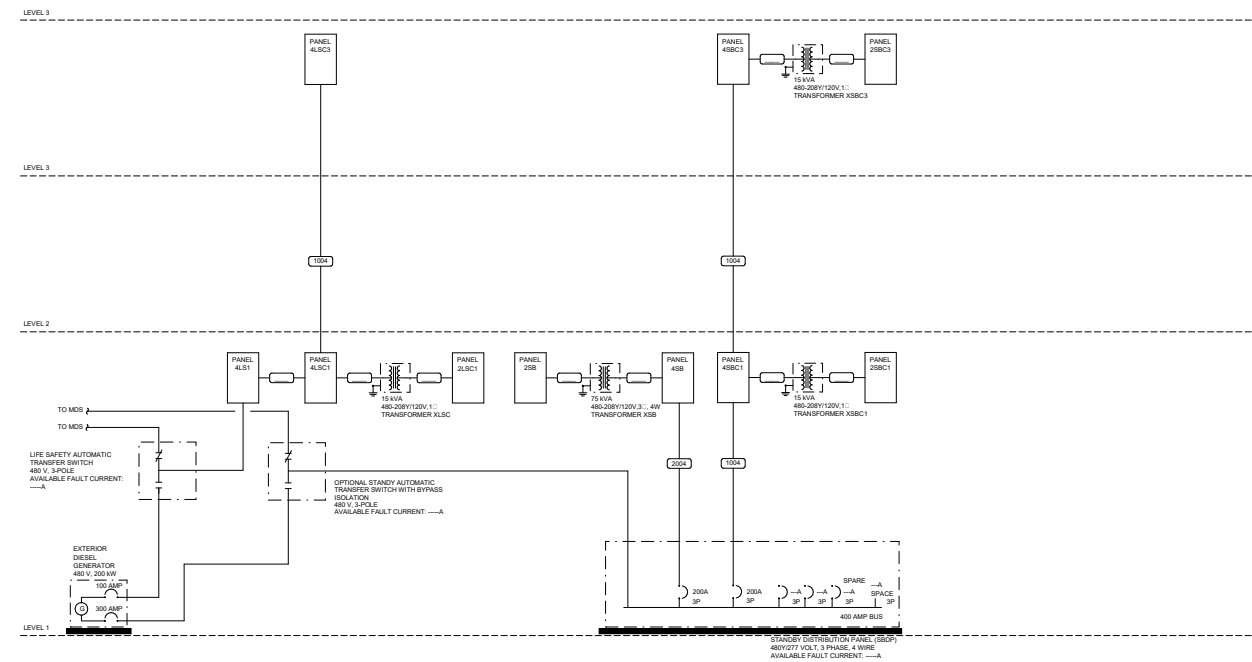
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FEEDER SCHEDULE

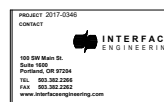
A-Circuit
 C-Circuit only
 S-Service secondary
 D-Independently derived system

SHEET KEYNOTES

1. INSTALL FEEDER FROM TRANSFORMER SECONDARY TO MAIN BREAKER IN SWITCHBOARD / PANEL, NOT TO EXCEED 25 FEET PER NEC 240.21(C)(3).
2. PROVIDE 3-1/2 INCH HIGH CONCRETE HOUSEKEEPING PAD UNDER TRANSFORMER/SWITCHBOARD.
3. CURRENT TRANSFORMER/TERMINAL CABINET PER POWER COMPANY REQUIREMENTS.
4. 1200 AMP FRAME AND LARGER BREAKERS: PROVIDE ARC FLASH ENERGY REDUCING MAINTENANCE SWITCHING WITH LOCAL STATUS INDICATOR PER NEC ARTICLE 240.87.
5. CONNECT GROUNDING ELECTRODE CONDUCTORS FROM TRANSFORMER GROUNDING LUG TO AVAILABLE GROUNDING ELECTRODES PER NEC 250.30 AND 250.104.



1 ONE-LINE DISTRIBUTION DIAGRAM - EMERGENCY POWER
 NOT TO SCALE



KELLOGG MIDDLE SCHOOL
 6909 POWELL BLVD
 PORTLAND, OR 97206
 SCHEMATIC DESIGN
 DATE: 01/25/2018

E-502
 ONE-LINE DIAGRAM - EMERGENCY POWER
 Project # 2017-0346



Part 7 - Appendix

7.1 Room Data Sheets

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ART

REQUIRED PREFERRED REMOVED SCOPE ADD

Project Name: **KELLOGG MIDDLE SCHOOL** OHP+D Project No: **90031** Date: 11-28-2017
 Diagram attached:

ARCHITECTURAL		COMMUNICATION / SPECIAL SYSTEMS	
CEILING	ACT	DATA	yes
CEILING HEIGHT		TELEPHONE	yes
WALL FINISH	veneer plaster over high impact resistant gypsum board	INTERCOM	intercom with clock
WAINSCOT BASE		PUBLIC ADDRESS RADIO / ENTERTAINMENT	
FLOOR FINISH	hard surface	CCTV	
SLAB DEPRESSION		EMCS ⁴	
SOUND PROTECTION	STC 50 between classrooms (wall and floor/ceiling), STC 45 to corridor, STC 60 to restrooms, MEP, or stairwells. Doors to have bottom and perimeter seals. Reverberation time 0.6 sec or less. Background noise from traffic and HVAC NC 30 or less.	SECURITY / DURESS	
DOOR	w/ relite	NOTES	
WINDOW	min (1) wall with exterior windows; high/low operable		wireless access point
CASEWORK UPPER/LOWER	abundant doors, drawers, adjustable shelves. Lockable teacher cabinets. Open student shelving. Min 9 LF shelving; Solid Surface countertops		
NOTES			
SPECIAL EQUIPMENT		HVAC	
	(Define the following equipment to be OFOI ¹ , OFCI ² , or CFCI ³)	INSIDE DESIGN CONDITIONS:	
PROJECTION SCREEN	wall mounted short-throw projector	MIN. TOTAL AIR CHANGES / HR	
SMARTBOARD	(2) 4x8 magnetic whiteboards	ROOM AIR BALANCE:	
SMART T.V. / MEDIA WALL	TV for student display	DEDICATED EXHAUST SYSTEM:	
AV EQUIPMENT		OCCUPANCY	
COMPUTERS	student and teacher computers	AC LOAD-(EQUIPMENT)	
SPEAKERS	sound system, audio reinforcement and playback system	AC LOAD-(LIGHT)	
DVD/VCR		NOTES	ventilation for painting spaces
DISTANCE LEARNING			
WINDOW COVERINGS	operable shades		
NOTES	tackable surfaces on all walls for "large format" pinups	PLUMBING	
	desks, stools, easles; optional 2d printer; document camera	SINK	(1) required, (2) preferred, one as utility sink
	large format storage, mobile file cabinets	COLD WATER	
	paper towel, soap dispenser	HOT WATER	
	kiln for kiln room with storage cabinets and racks	SANITARY DRAIN	drain with clay trap
LIGHTING		EMERGENCY EYE WASH	
LEVELS		EMERGENCY SHOWER	
GENERAL	natural daylighting; direct/indirect LED	NOTES	
TASK			
EMERGENCY			
SPECIAL		SECURITY	
NOTES		HOURS OF USE - DAY	
		HOURS OF USE - NIGHT	
		NOTES	
POWER			
GENERAL			
EMERGENCY			
NOTES			

¹OFOI - Owner Furnished Owner Installed
²OFCI - Owner Furnished Contractor Installed
³CFCI - Contractor Furnished Contractor Installed
⁴EMCS - Energy Management and Control Systems

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7.1 Room Data Sheets



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ART STORAGE

REQUIRED PREFERRED REMOVED SCOPE ADD

Project Name: **KELLOGG MIDDLE SCHOOL** OHP+D Project No: **90031** Date: 11-28-2017
 Diagram attached:

ARCHITECTURAL

CEILING		ACT
CEILING HEIGHT		
WALL FINISH	veneer plaster over high impact resistant gypsum board	
WAINSCOT		
BASE		
FLOOR FINISH		hard surface
SLAB DEPRESSION		
SOUND PROTECTION	acoustic isolation between rooms with treatment throughout to reduce background noise	
DOOR		
WINDOW		not required
CASEWORK UPPER/LOWER	secure/lockable storage. Abundant cabinets, adjustable shelving, doors and drawers; Solid Surface countertops	

NOTES

SPECIAL EQUIPMENT

(Define the following equipment to be OFOI¹, OFCI², or CFCl³)

PROJECTION SCREEN		
SMARTBOARD		
SMART T.V. / MEDIA WALL		
AV EQUIPMENT		
COMPUTERS		
SPEAKERS		
DVD/VCR		
DISTANCE LEARNING		
WINDOW COVERINGS		
NOTES	large format storage mobile file cabinets portable open racks for student storage easle storage	

LIGHTING

LEVELS		
GENERAL		direct/indirect
TASK		
EMERGENCY		
SPECIAL		
NOTES		

POWER

GENERAL	
EMERGENCY	
NOTES	

COMMUNICATION / SPECIAL SYSTEMS

DATA
TELEPHONE
INTERCOM
PUBLIC ADDRESS
RADIO / ENTERTAINMENT
CCTV
EMCS ⁴
SECURITY / DURESS
NOTES

HVAC

INSIDE DESIGN CONDITIONS:
MIN. TOTAL AIR CHANGES / HR
ROOM AIR BALANCE:
DEDICATED EXHAUST SYSTEM:
OCCUPANCY
AC LOAD-(EQUIPMENT)
AC LOAD-(LIGHT)
NOTES

PLUMBING not required

SINK
COLD WATER
HOT WATER
SANITARY DRAIN
EMERGENCY EYE WASH
EMERGENCY SHOWER
NOTES

SECURITY

HOURS OF USE - DAY
HOURS OF USE - NIGHT
NOTES

¹OFOI - Owner Furnished Owner Installed
²OFCl - Owner Furnished Contractor Installed
³CFCl - Contractor Furnished Contractor Installed
⁴EMCS - Energy Management and Control Systems



KELLOGG MIDDLE SCHOOL

PORTLAND PUBLIC SCHOOLS

REQUIRED PROGRAM

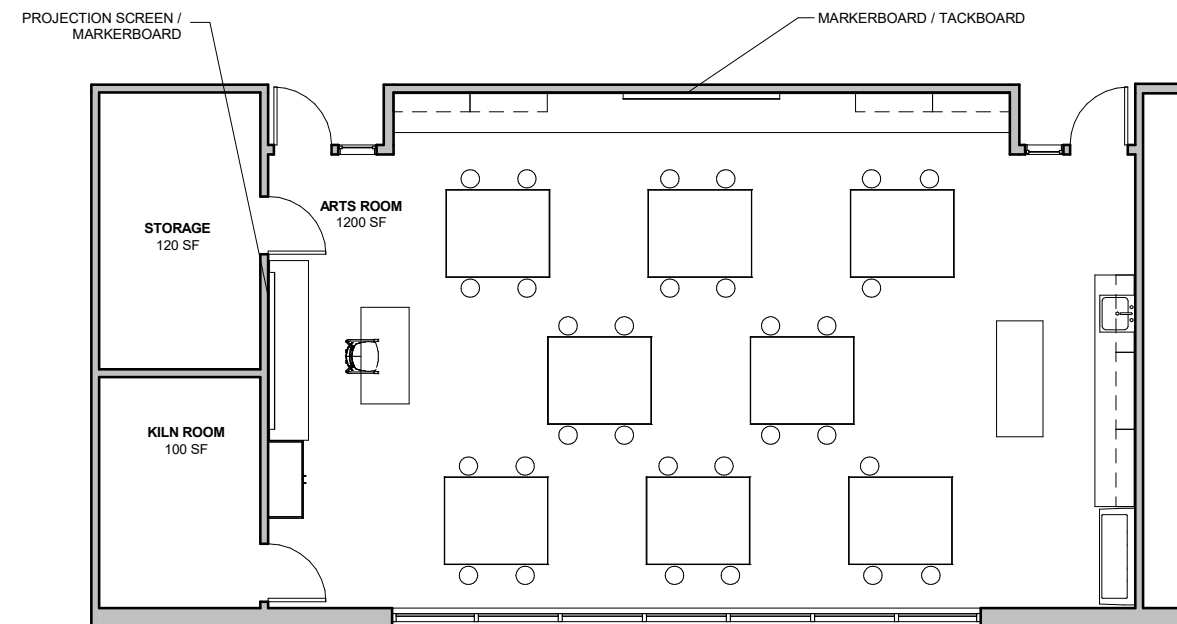
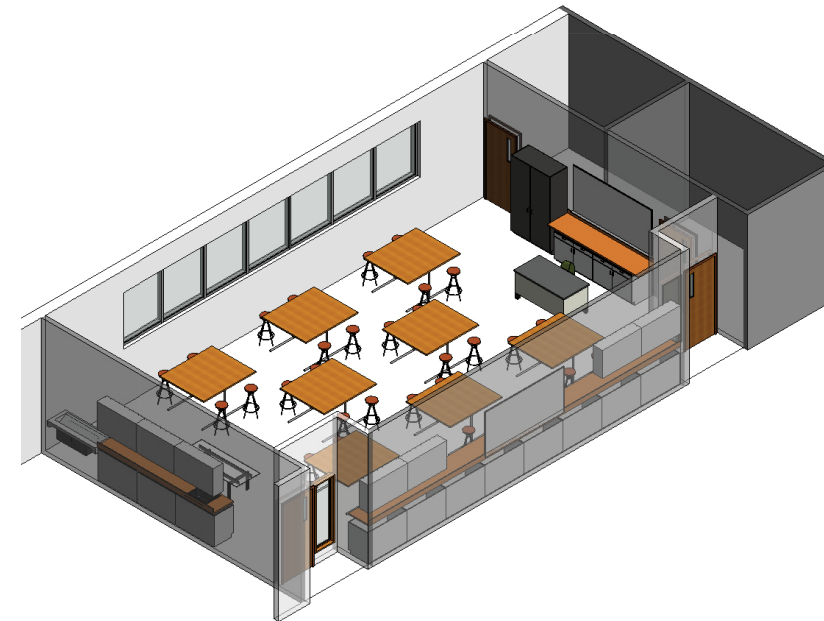
ART CLASSROOM - 1200 SF
STORAGE - 120 SF

PREFERRED PROGRAM

KILN ROOM - 100 SF

REQUIRED ADJACENCIES:

- EXTENDED LEARNING / COMMONS
- STORAGE ROOMS
- RESTROOMS / GENDER NEUTRAL RESTROOMS
- OTHER ARTS CLASSROOMS / STEAM ROOM



GENERAL INFORMATION	1
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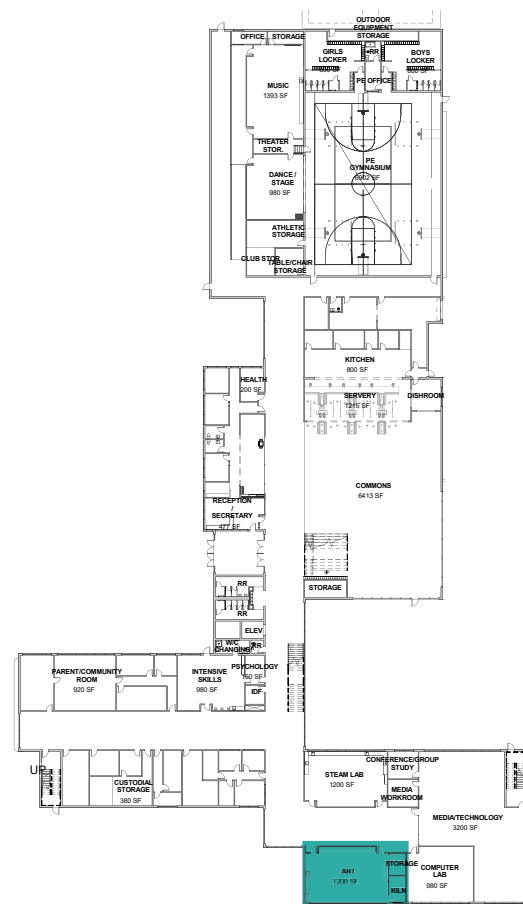
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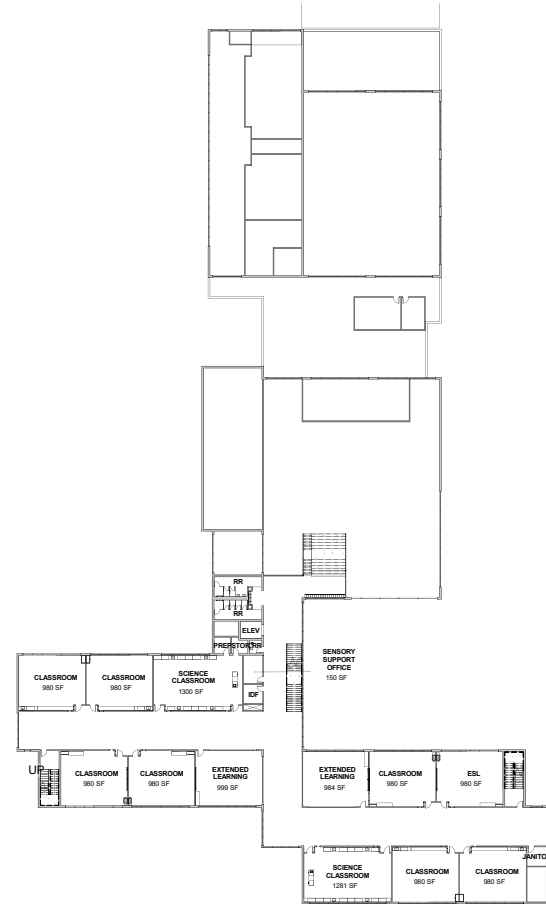


KELLOGG MIDDLE SCHOOL

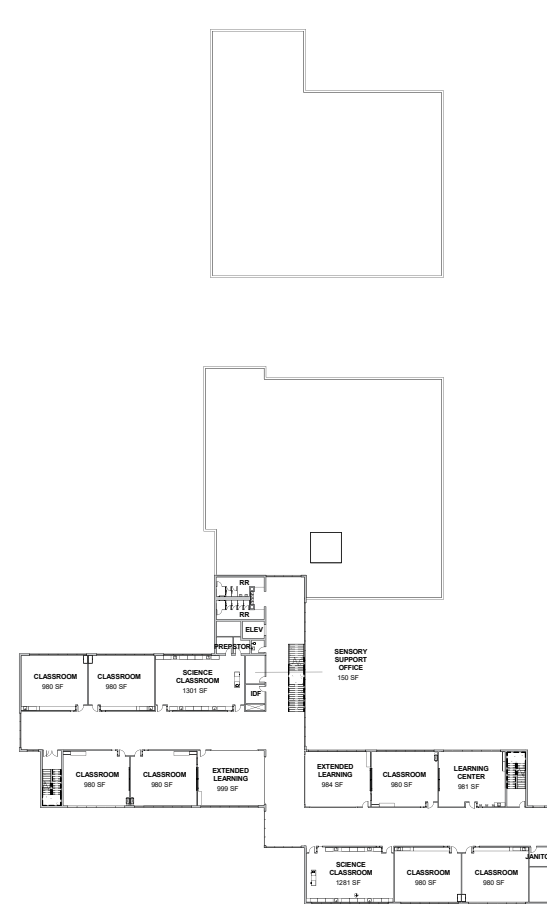
PORTLAND PUBLIC SCHOOLS



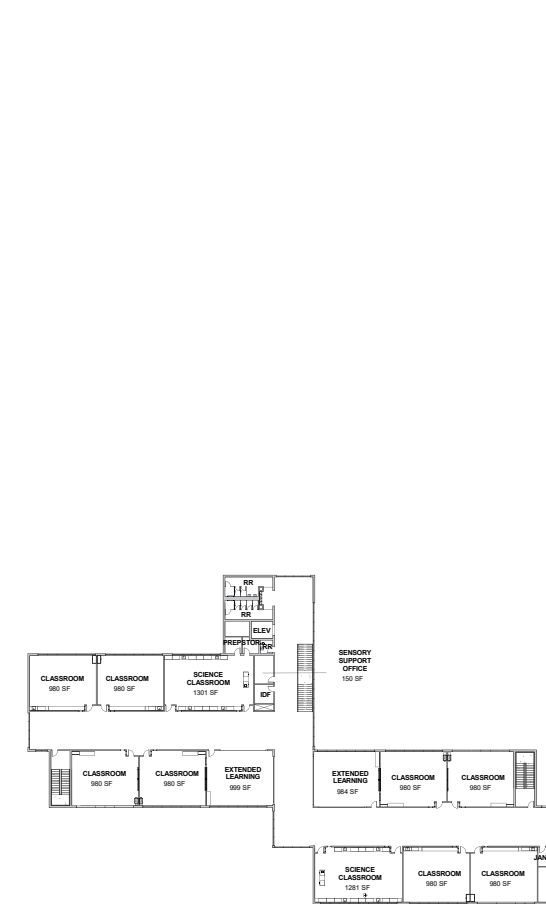
FIRST FLOOR



SECOND FLOOR



THIRD FLOOR



FOURTH FLOOR

ART



11/29/17



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MUSIC

REQUIRED PREFERRED REMOVED SCOPE ADD

Project Name: **KELLOGG MIDDLE SCHOOL** OHP+D Project No: **90031** Date: 11-28-2017
 Diagram attached:

ARCHITECTURAL		COMMUNICATION / SPECIAL SYSTEMS	
CEILING	ACT	DATA	yes
CEILING HEIGHT		TELEPHONE	yes
WALL FINISH	veneer plaster over high impact resistant gypsum board	INTERCOM	intercom with clock
WAINSCOT		PUBLIC ADDRESS	
BASE		RADIO / ENTERTAINMENT	
FLOOR FINISH	consider acoustics (carpet); tiered floor optional	CCTV	
SLAB DEPRESSION		EMCS ⁴	
SOUND PROTECTION	STC 65-70 to other learning spaces (wall and floor/ceiling), STC 45 to corridor, STC 70 to restrooms, MEP, or stairwells. Practice rooms STC 60+ walls and ceiling, with acoustical panels on ceiling and two walls. Specialized door seals or door/frame rated STC 50+ assembly. Reverberation time 0.8 sec or less. Background noise from traffic and HVAC NC 30 or less.	SECURITY / DURESS	
DOOR		NOTES	
WINDOW	min (1) wall with exterior windows, high/low operable		wireless access point
CASEWORK UPPER/LOWER	solid surface counter with large sink		
NOTES			
SPECIAL EQUIPMENT		HVAC	
	(Define the following equipment to be OFOI ¹ , OFCI ² , or CFCl ³)	INSIDE DESIGN CONDITIONS:	
PROJECTION SCREEN	wall mount short throw projector	MIN. TOTAL AIR CHANGES / HR	
SMARTBOARD	min (2) 4x8 magnetic whiteboards	ROOM AIR BALANCE:	
SMART T.V. / MEDIA WALL		DEDICATED EXHAUST SYSTEM:	
AV EQUIPMENT	classroom computers and teacher desktop	OCCUPANCY	
COMPUTERS		AC LOAD-(EQUIPMENT)	
SPEAKERS	audio reinforcement and audio playback systems	AC LOAD-(LIGHT)	
DVD/VCR		NOTES	
DISTANCE LEARNING			
WINDOW COVERINGS	operable shades	PLUMBING	
NOTES	tackable surfaces all walls	SINK	utility sink
	directors chair, stand/podium	COLD WATER	
	large format storage, shelving, storage racks, mobile file cabinet, mobile cart/storage		
	80 student music chairs and stands		
	instrument / uniform storage with shelving/storage racks		
	document camera		
LIGHTING		HOT WATER	
LEVELS		SANITARY DRAIN	
GENERAL	natural daylighting; direct/indirect LED, no fluorescent	EMERGENCY EYE WASH	
TASK		EMERGENCY SHOWER	
EMERGENCY		NOTES	plaster trap preferred
SPECIAL			
NOTES			
POWER		SECURITY	
GENERAL		HOURS OF USE - DAY	
EMERGENCY		HOURS OF USE - NIGHT	
NOTES		NOTES	

¹OFOI - Owner Furnished Owner Installed
²OFCl - Owner Furnished Contractor Installed
³CFCl - Contractor Furnished Contractor Installed
⁴EMCS - Energy Management and Control Systems

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KELLOGG MIDDLE SCHOOL

PORTLAND PUBLIC SCHOOLS

REQUIRED PROGRAM

MUSIC ROOM - 1400 SF

- BAND, CHOIR, THEATER

OFFICE - 120 SF

INSTRUMENT STORAGE - 120 SF

PREFERRED PROGRAM

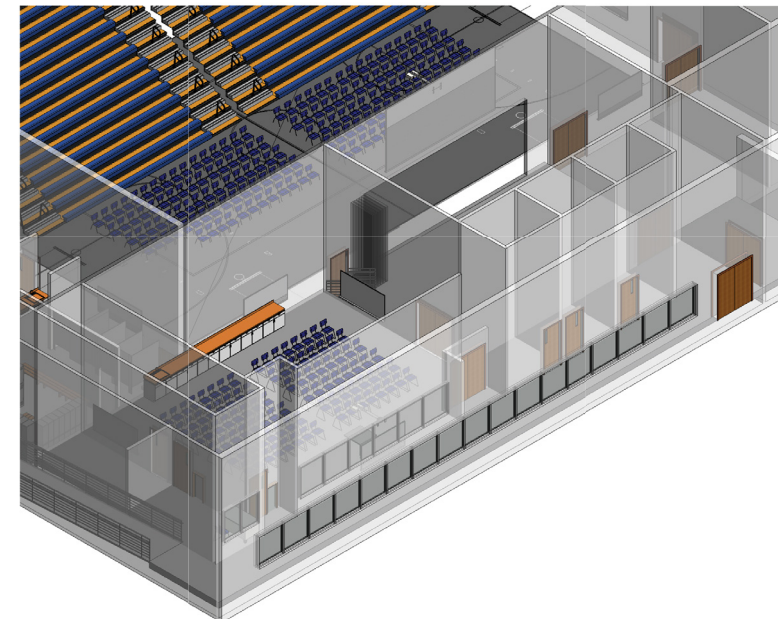
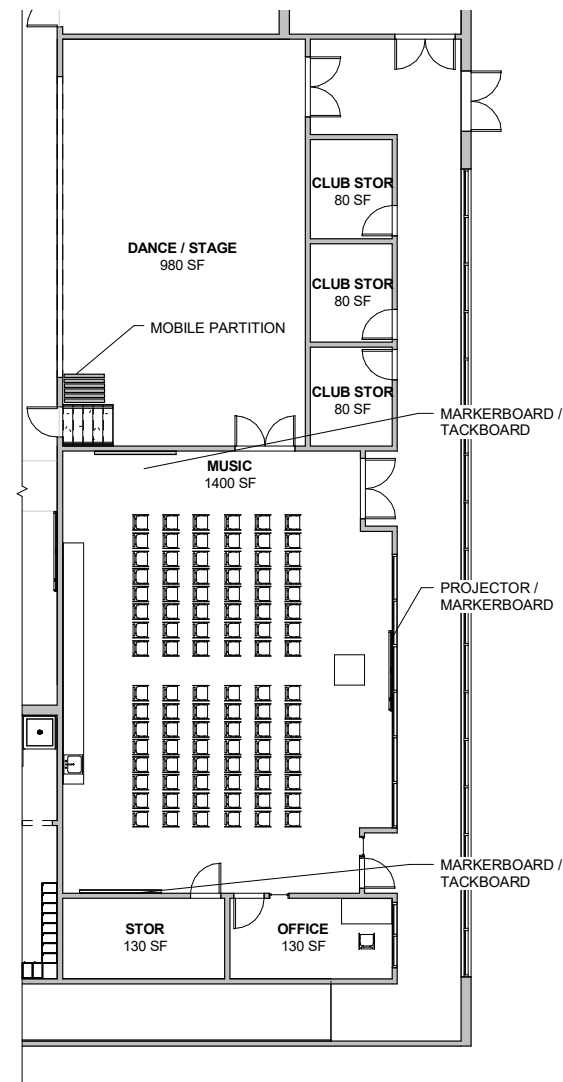
DANCE / STAGE - 980 SF

- DANCE HAS BEEN SELECTED TO REPLACE MUSIC AS THE LEARNING SPACE SHARED BY THE STAGE DUE TO ACOUSTICAL CONCERNS

PREFERRED PROGRAM - STORAGE - 120 SF

REQUIRED ADJACENCIES:

- MUSIC OFFICES
- GYMNASIUM
- PRACTICE ROOMS



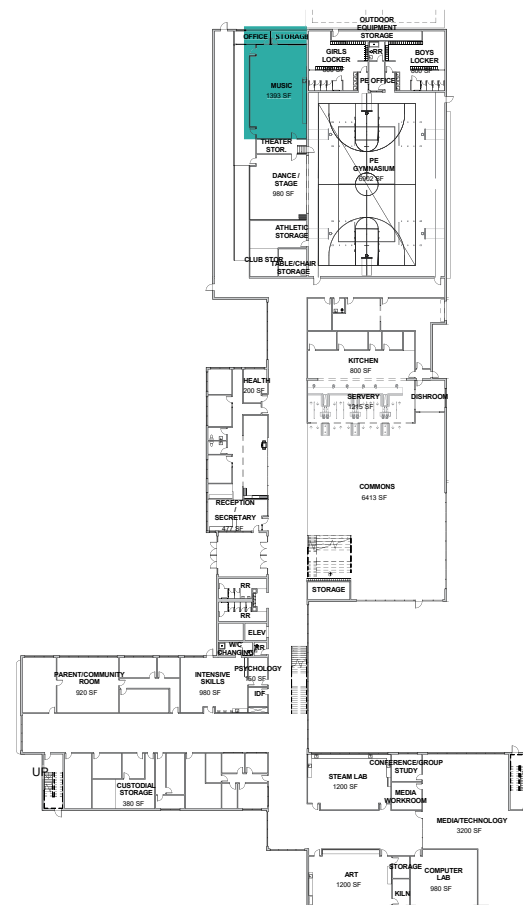
MUSIC



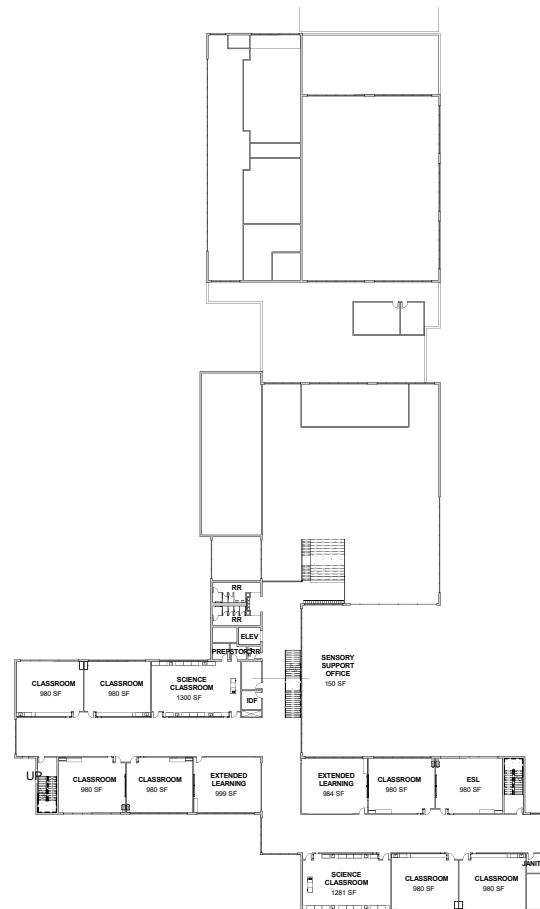


KELLOGG MIDDLE SCHOOL

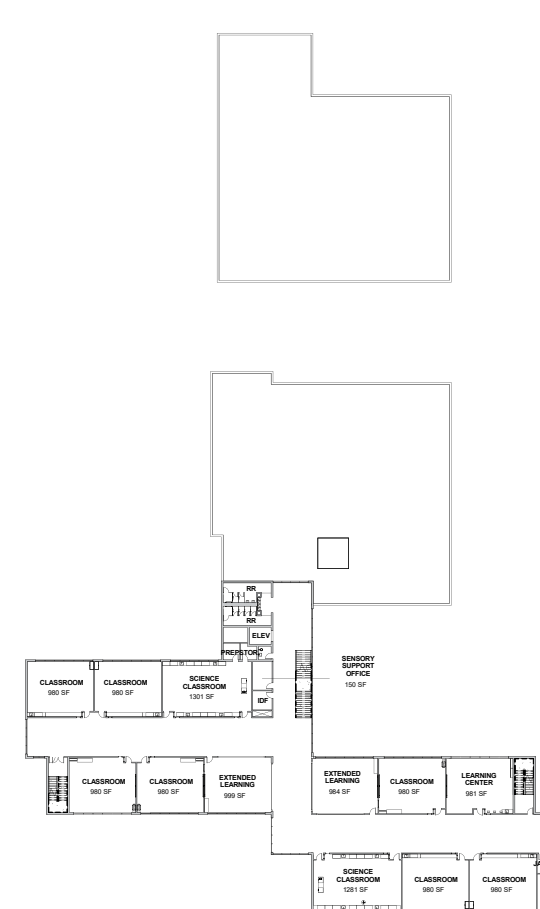
PORTLAND PUBLIC SCHOOLS



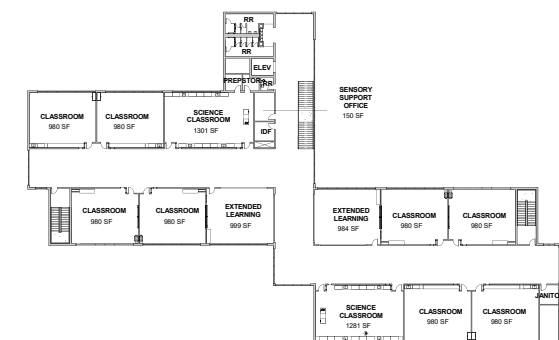
FIRST FLOOR



SECOND FLOOR



THIRD FLOOR



FOURTH FLOOR

MUSIC





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DANCE / STAGE

REQUIRED PREFERRED REMOVED SCOPE ADD

Project Name: **KELLOGG MIDDLE SCHOOL** OHP+D Project No: **90031** Diagram attached: RDS-9 Date: 11-28-2017

ARCHITECTURAL		COMMUNICATION / SPECIAL SYSTEMS	
CEILING		DATA	yes
CEILING HEIGHT		TELEPHONE	yes
WALL FINISH	veneer plaster over high impact resistant gypsum board; operable partition to open up stage to gymnasium	INTERCOM	intercom with clock
WAINSCOT		PUBLIC ADDRESS	
BASE		RADIO / ENTERTAINMENT	
FLOOR FINISH	hard surface wood flooring - raised platform at 30" AFF	CCTV	
SLAB DEPRESSION		EMCS ⁴	
SOUND PROTECTION	STC 65+ to all surrounding areas. Treatment includes curtains, ceiling absorption, and potentially ceiling reflectors. Movable wall to be STC 52+. Typical doors to have highly upgraded bottom and perimeter seals at minimum, or rated door/frame assemblies. Reverberation time 0.6 sec or less. Background noise from traffic and HVAC NC 30 or less.	SECURITY / DURESS	
DOOR	double door from music room to dance/stage	NOTES	wireless access point
WINDOW			
CASEWORK UPPER/LOWER			
NOTES			
SPECIAL EQUIPMENT		HVAC	
	(Define the following equipment to be OFOI ¹ , OFCI ² , or CFCl ³)	INSIDE DESIGN CONDITIONS:	
PROJECTION SCREEN		MIN. TOTAL AIR CHANGES / HR	
SMART T.V. / MEDIA WALL		ROOM AIR BALANCE:	
AV EQUIPMENT		DEDICATED EXHAUST SYSTEM:	
PROJECTOR		OCCUPANCY	
COMPUTERS	audio mixing board, sound system, audio playback system	AC LOAD-(EQUIPMENT)	
SPEAKERS		AC LOAD-(LIGHT)	
DVD/VCR		NOTES	
DISTANCE LEARNING			
WINDOW COVERINGS	markerboard and tackable surfaces	PLUMBING	
NOTES	portable clothing racks, portable robe racks	SINK	
	lockers, barre	PLUMBING	yes
NOTES	rigging, curtains, scrim/teasers	SINK	
	shelving, storage racks, cabinets (can be part of stage storage)	COLD WATER	
	battens, flown acoustical shells/towers, pipe grid	HOT WATER	
	dedicated storage space for costumes and props	SANITARY DRAIN	
	stage storage to be equipped with power tools / hand tools	COLD WATER	
		HOT WATER	
		SANITARY DRAIN	
		EMERGENCY EYE WASH	
		EMERGENCY SHOWER	
		NOTES	ice machine optional bottle fill optional
LIGHTING		SECURITY	
LEVELS		HOURS OF USE - DAY	
GENERAL	natural daylight / LED	HOURS OF USE - NIGHT	
TASK		NOTES	
EMERGENCY			
SPECIAL	lighting mixing board		
NOTES			
POWER			
GENERAL			
EMERGENCY			
NOTES			
NOTES			
	stage and dance to share space and requirements		

¹OFOI - Owner Furnished Owner Installed
²OFCl - Owner Furnished Contractor Installed
³CFCl - Contractor Furnished Contractor Installed
⁴EMCS - Energy Management and Control Systems

KELLOGG MIDDLE SCHOOL

PORTLAND PUBLIC SCHOOLS

REQUIRED PROGRAM

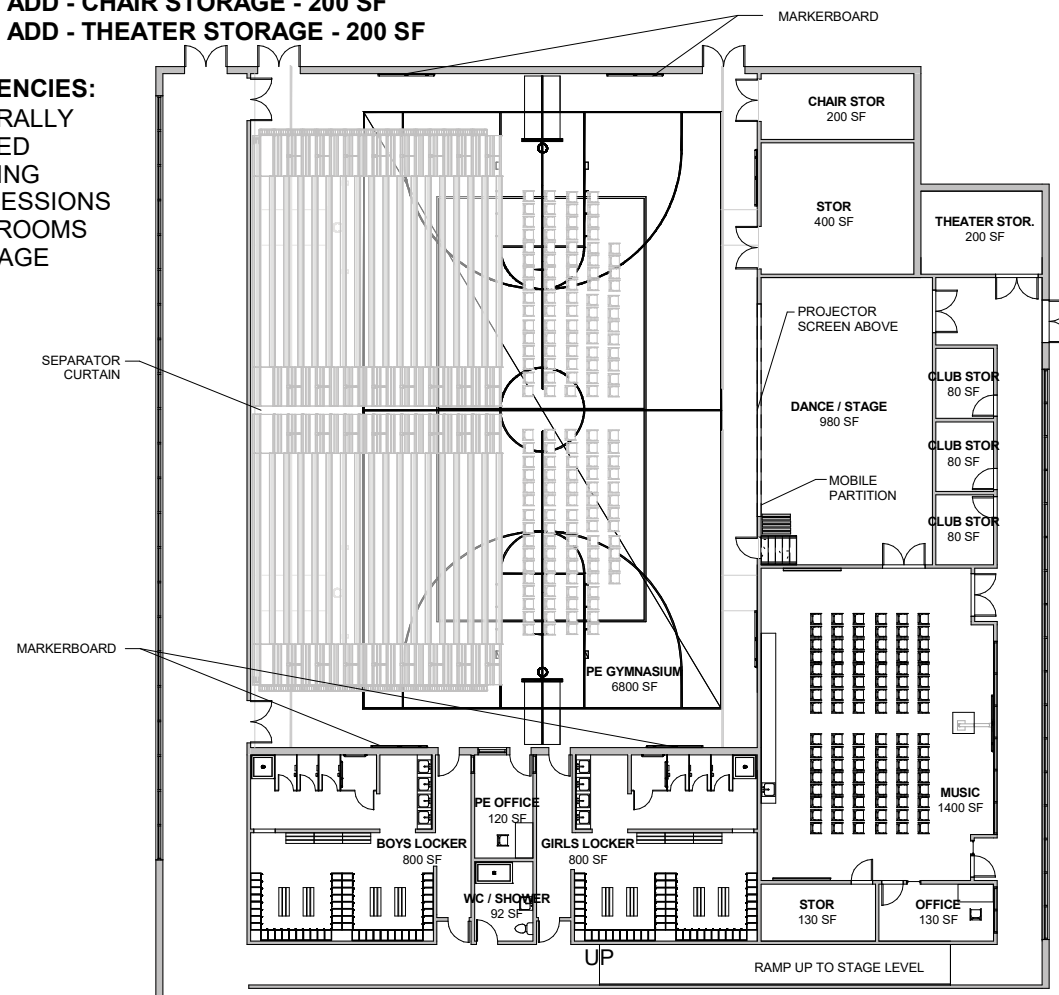
- GYMNASIUM - 6800 SF
- (2) STORAGE - 200 SF EA.
- (3) CLUB STORAGE - 80 SF EA.
- (2) LOCKER / RESTROOM - 800 SF EA.
- OFFICE - 120 SF
- SCOPE ADD - CHAIR STORAGE - 200 SF
- SCOPE ADD - THEATER STORAGE - 200 SF

- MUSIC ROOM - 1400 SF
- BAND, CHOIR, THEATER
- OFFICE - 120 SF

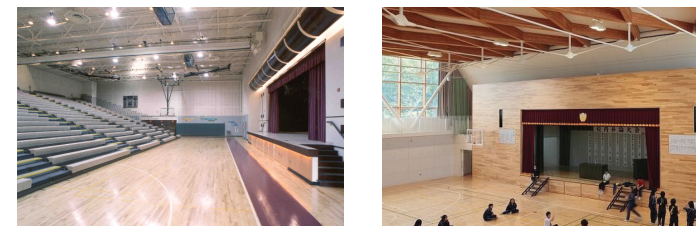
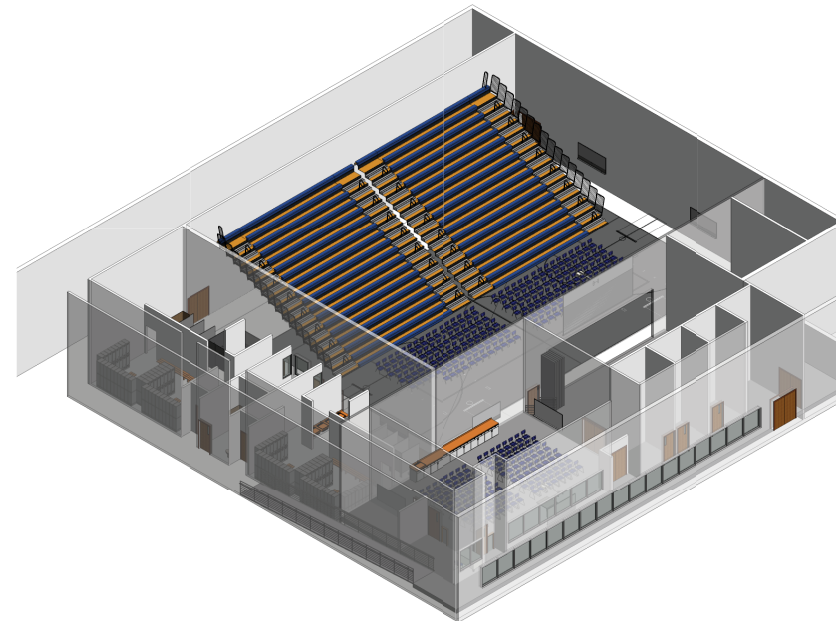
PREFERRED PROGRAM

- STAGE / DANCE - 980 SF

- ADJACENCIES:**
- CENTRALLY LOCATED
 - PARKING
 - CONCESSIONS
 - RESTROOMS
 - STORAGE



BLEACHER SEATING
 PERFORMANCE : 648 + 152 CHAIRS = 800 CAPACITY



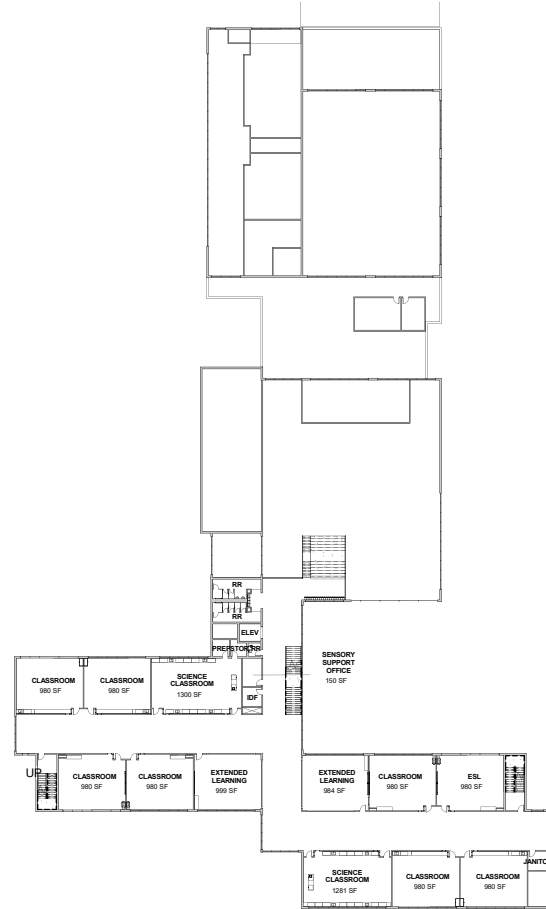


KELLOGG MIDDLE SCHOOL

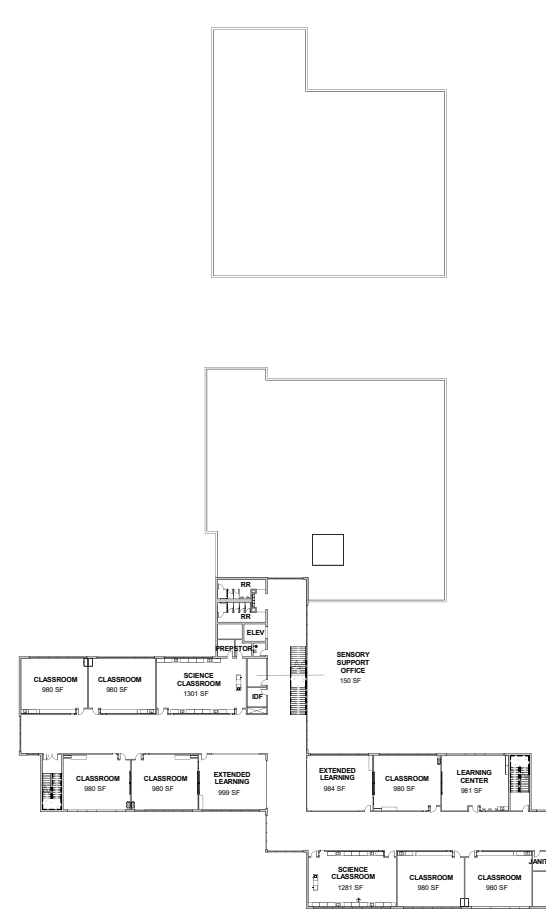
PORTLAND PUBLIC SCHOOLS



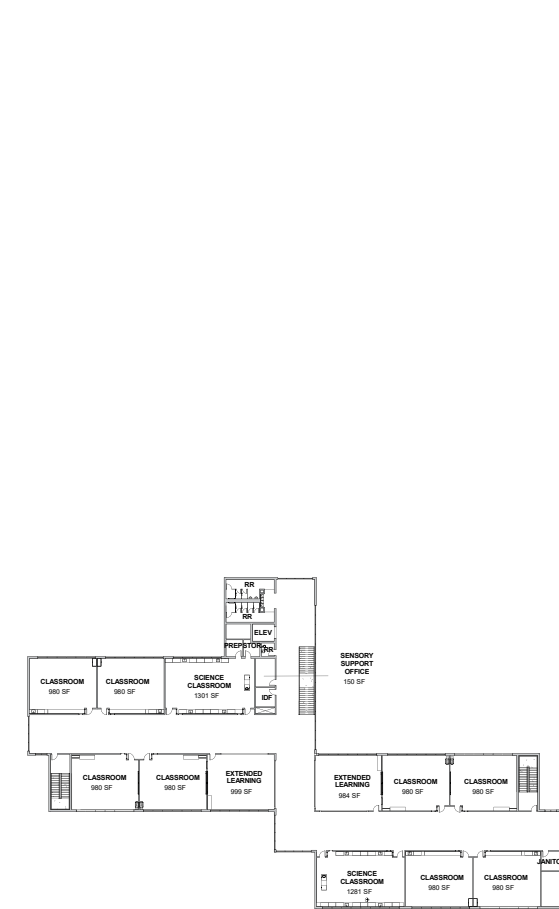
FIRST FLOOR



SECOND FLOOR



THIRD FLOOR



FOURTH FLOOR

STAGE / DANCE





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MATHEMATICS

REQUIRED PREFERRED REMOVED SCOPE ADD

Project Name: **KELLOGG MIDDLE SCHOOL** OHP+D Project No: **90031** Date: 11-28-2017
 Diagram attached:

ARCHITECTURAL		COMMUNICATION / SPECIAL SYSTEMS	
CEILING	ACT	DATA	(12) power/data locations.
CEILING HEIGHT		TELEPHONE	yes
WALL FINISH	veneer plaster over high impact resistant gypsum board; tackable surfaces on all walls	INTERCOM	intercom w/ clock
WAINSCOT		PUBLIC ADDRESS	
BASE		RADIO / ENTERTAINMENT	
FLOOR FINISH	hard surface	CCTV	option to install cameras
SLAB DEPRESSION		EMCS ⁴	
SOUND PROTECTION	STC 50 between classrooms (wall and floor/ceiling), STC 45 to corridor, STC 40 windows to exterior (upgraded), STC 60 to restrooms, MEP, or stairwells. Doors to have bottom and perimeter seals. Reverberation time 0.6 sec or less. Background noise from traffic and HVAC NC 30 or less.	SECURITY / DURESS	
DOOR	w/ relite and operable shade	NOTES	wireless access port
WINDOW	at least one wall exterior windows upper and lower with adjustable shelves, doors, drawers. Lockable casework for teachers. 6-8' long built-ins. Solid Surface countertops		
CASEWORK UPPER/LOWER			
NOTES	large-format storage tech closet with shelves / charging station		
SPECIAL EQUIPMENT		HVAC	
	(Define the following equipment to be OFOI ¹ , OFCI ² , or CFCI ³)	INSIDE DESIGN CONDITIONS:	
PROJECTION SCREEN	wall mounted short-throw projector	MIN. TOTAL AIR CHANGES / HR	
SMARTBOARD	(2) 4x8 magnetic markerboards	ROOM AIR BALANCE:	
SMART T.V. / MEDIA WALL		DEDICATED EXHAUST SYSTEM:	
AV EQUIPMENT		OCCUPANCY	
COMPUTERS	laptops/mobile computer cart	AC LOAD-(EQUIPMENT)	
SPEAKERS	yes	AC LOAD-(LIGHT)	
DVD/VCR		NOTES	
DISTANCE LEARNING			
WINDOW COVERINGS	operable	PLUMBING	
NOTES		SINK	built-in counter with (1) sink
OTHER	portable file cabinets soap/paper towel cubbies or storage for student backpacks document camera printer	COLD WATER	
LIGHTING		HOT WATER	
LEVELS		SANITARY DRAIN	
GENERAL	natural daylight, light shelves; direct/indirect LED	EMERGENCY EYE WASH	
TASK		EMERGENCY SHOWER	
EMERGENCY		NOTES	
SPECIAL		SECURITY	
NOTES		HOURS OF USE - DAY	
		HOURS OF USE - NIGHT	
		NOTES	
POWER			
GENERAL			
EMERGENCY			
NOTES			

¹OFOI - Owner Furnished Owner Installed
²OFCl - Owner Furnished Contractor Installed
³CFCI - Contractor Furnished Contractor Installed
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EXTENDED LEARNING

REQUIRED PREFERRED REMOVED ADDED

Project Name: **KELLOGG MIDDLE SCHOOL** OHP+D Project No: **90031** Diagram attached: Date: 11-28-2017

ARCHITECTURAL		COMMUNICATION / SPECIAL SYSTEMS	
CEILING	Acoustic, can be creative	DATA	
CEILING HEIGHT		TELEPHONE	
WALL FINISH	veneer plaster over high impact resistant gypsum board; option for operable partitions	INTERCOM	
WAINSCOT		PUBLIC ADDRESS	
BASE		RADIO / ENTERTAINMENT	option to install
FLOOR FINISH		CCTV	
SLAB DEPRESSION		EMCS ⁴	
SOUND PROTECTION	STC 50+ movable wall, STC 50 between classrooms (wall and floor/ceiling), STC 45 to corridor, STC 60 to restrooms, MEP, or stairwells. Doors to have bottom and perimeter seals. Reverberation time 0.6 sec or less. Background noise from traffic and HVAC NC 30 or less.	SECURITY / DURESS	
DOOR		NOTES	
WINDOW	relite to classrooms, min (1) wall with operable high/low exterior windows		
CASEWORK UPPER/LOWER	various - options for drawers and cabinets, shelves, with doors and some lockable; Solid Surface countertops		
NOTES			
SPECIAL EQUIPMENT		HVAC	
	(Define the following equipment to be OFOI ¹ , OFCI ² , or CFCl ³)	INSIDE DESIGN CONDITIONS:	
PROJECTION SCREEN	optional	MIN. TOTAL AIR CHANGES / HR	
SMART T.V. / MEDIA WALL	optional	ROOM AIR BALANCE:	
AV EQUIPMENT		DEDICATED EXHAUST SYSTEM:	
PROJECTOR		OCCUPANCY	
COMPUTERS	laptops / mobile computer cart	AC LOAD-(EQUIPMENT)	
SPEAKERS	with wiring for voiceover IP	AC LOAD-(LIGHT)	
DVD/VCR		NOTES	
DISTANCE LEARNING			
WINDOW COVERINGS	operable shades		
NOTES	tackable surfaces, whiteboard surfaces soft seating, versatile		
LIGHTING		PLUMBING	
LEVELS			not required
GENERAL	natural daylight; direct/indirect LAED	SINK	yes
TASK		COLD WATER	
EMERGENCY		HOT WATER	
SPECIAL		SANITARY DRAIN	
NOTES		EMERGENCY EYE WASH	
		EMERGENCY SHOWER	
		NOTES	
POWER		SECURITY	
GENERAL		HOURS OF USE - DAY	
EMERGENCY		HOURS OF USE - NIGHT	
NOTES		NOTES	

¹OFOI - Owner Furnished Owner Installed
²OFCl - Owner Furnished Contractor Installed
³CFCl - Contractor Furnished Contractor Installed
⁴EMCS - Energy Management and Control Systems



KELLOGG MIDDLE SCHOOL

PORTLAND PUBLIC SCHOOLS

(22) TYPICAL CLASSROOM - 980 SF

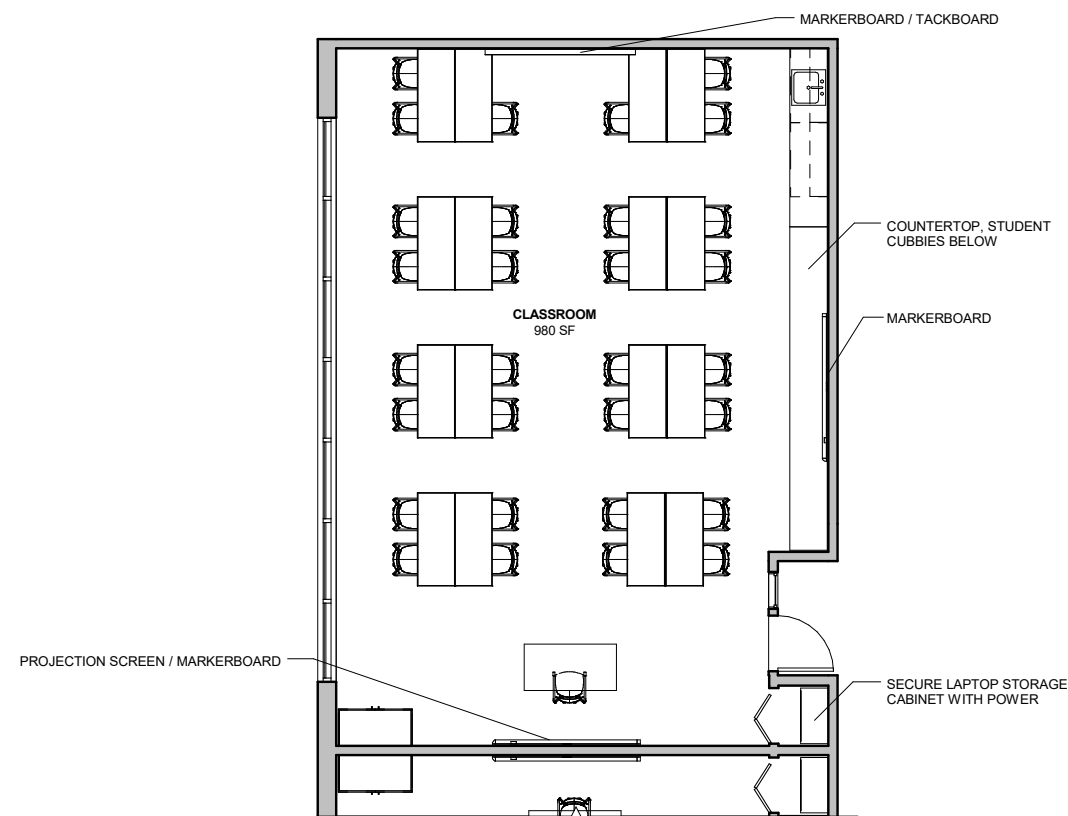
- MATHEMATICS, ENGLISH LANGUAGE, WORLD LANGUAGE, HISTORY
- 30 STUDENT/CLASS
- 2 STUDENT DESKS @ 60" X 24"
- SINK PROVIDED - NOT INCLUDED IN EDUCATIONAL SPECIFICATIONS

(1) ESL CLASSROOM - 980 SF

- REQUIRED - 900 SF
- SCOPE ADD - 80 SF FOR FUTURE FLEXIBILITY

REQUIRED ADJACENCIES:

- COMMONS / EXTENDED LEARNING
- "ZONED" ACCESS
- RESTROOMS / GENDER NEUTRAL RESTROOM



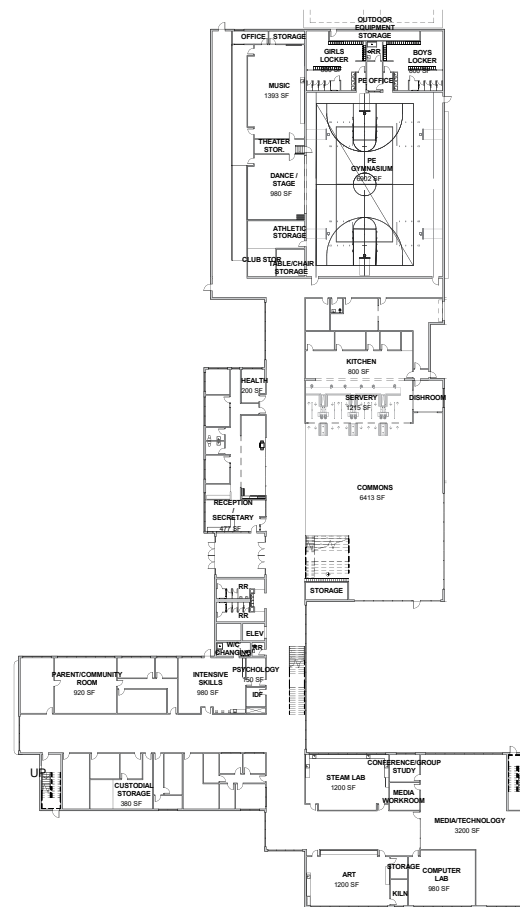
MATHEMATICS



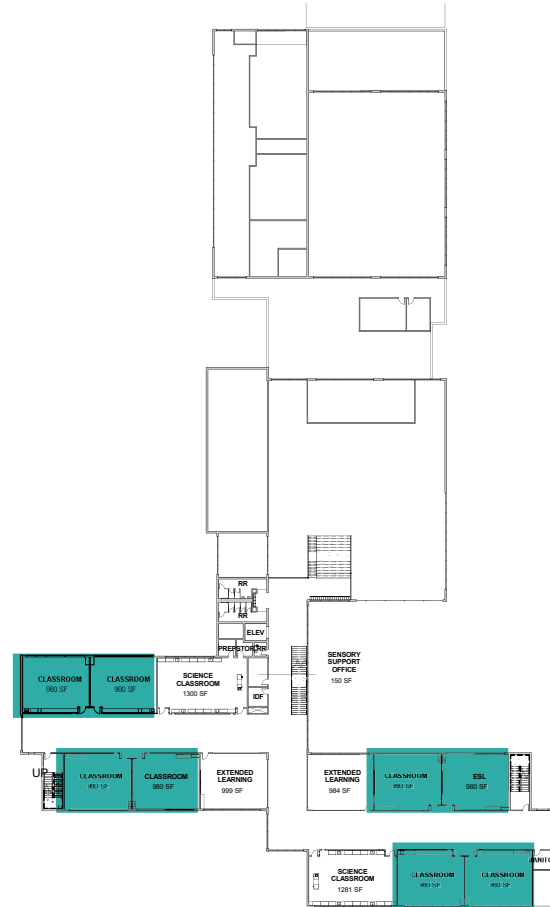


KELLOGG MIDDLE SCHOOL

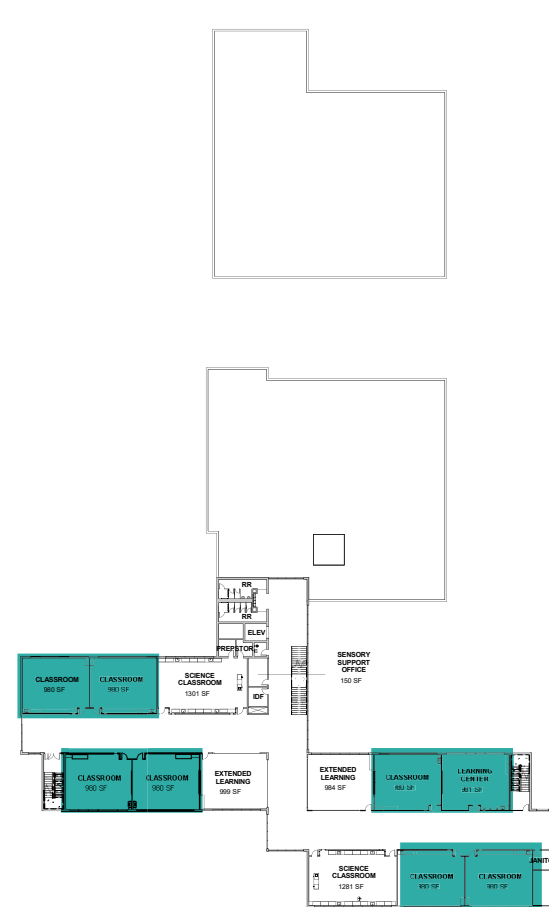
PORTLAND PUBLIC SCHOOLS



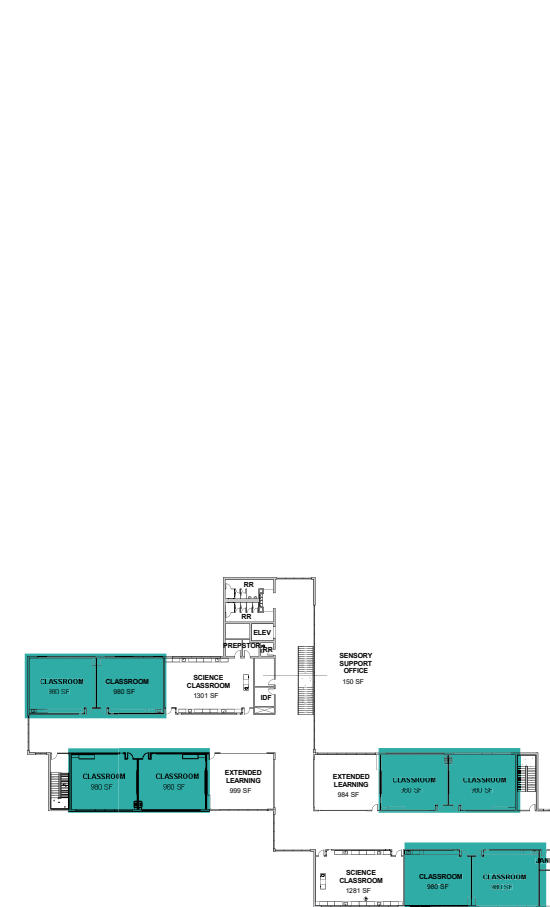
FIRST FLOOR



SECOND FLOOR



THIRD FLOOR



FOURTH FLOOR

MATHEMATICS





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SOCIAL STUDIES

REQUIRED PREFERRED REMOVED SCOPE ADD

Project Name: **KELLOGG MIDDLE SCHOOL** OHP+D Project No: **90031** Date: 11-28-2017
 Diagram attached:

ARCHITECTURAL	
CEILING	ACT
CEILING HEIGHT	
WALL FINISH	veneer plaster over high impact resistant gypsum board; tackable surfaces on all walls
WAINSCOT	
BASE	
FLOOR FINISH	hard surface
SLAB DEPRESSION	
SOUND PROTECTION	STC 50 between classrooms (wall and floor/ceiling), STC 45 to corridor, STC 40 windows to exterior (upgraded), STC 60 to restrooms, MEP, or stairwells. Doors to have bottom and perimeter seals. Reverberation time 0.6 sec or less. Background noise from traffic and HVAC NC 30 or less.
DOOR	w/ relite and operable shade
WINDOW	at least one wall exterior windows upper and lower with adjustable shelves, doors, drawers. Lockable casework for teachers. 6-8' long built-ins. Solid Surface countertops
CASEWORK UPPER/LOWER	
NOTES	large-format storage tech closet with shelves / charging station

SPECIAL EQUIPMENT	
	(Define the following equipment to be OFOI ¹ , OFCI ² , or CFCI ³)
PROJECTION SCREEN	wall mounted short-throw projector
SMARTBOARD	(2) 4x8 magnetic markerboards
SMART T.V. / MEDIA WALL	
AV EQUIPMENT	
COMPUTERS	laptops/mobile computer cart
SPEAKERS	yes
DVD/VCR	
DISTANCE LEARNING	
WINDOW COVERINGS	operable
NOTES	
OTHER	portable file cabinets soap/paper towel cubbies or storage for student backpacks document camera printer

LIGHTING	
LEVELS	
GENERAL	natural daylight, light shelves; direct/indirect LED
TASK	
EMERGENCY	
SPECIAL	
NOTES	

POWER	
GENERAL	
EMERGENCY	
NOTES	

COMMUNICATION / SPECIAL SYSTEMS	
DATA	(12) power/data locations.
TELEPHONE	yes
INTERCOM	intercom w/ clock
PUBLIC ADDRESS	
RADIO / ENTERTAINMENT	
CCTV	option to install cameras
EMCS ⁴	
SECURITY / DURESS	
NOTES	wireless access port

HVAC	
INSIDE DESIGN CONDITIONS:	
MIN. TOTAL AIR CHANGES / HR	
ROOM AIR BALANCE:	
DEDICATED EXHAUST SYSTEM:	
OCCUPANCY	
AC LOAD-(EQUIPMENT)	
AC LOAD-(LIGHT)	
NOTES	

PLUMBING	
SINK	built-in counter with (1) sink
COLD WATER	
HOT WATER	
SANITARY DRAIN	
EMERGENCY EYE WASH	
EMERGENCY SHOWER	
NOTES	

SECURITY	
HOURS OF USE - DAY	
HOURS OF USE - NIGHT	
NOTES	

¹OFOI - Owner Furnished Owner Installed
²OFCI - Owner Furnished Contractor Installed
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EXTENDED LEARNING

REQUIRED **PREFERRED** REMOVED **ADDED**

Project Name: **KELLOGG MIDDLE SCHOOL** OHP+D Project No: **90031** Date: 11-28-2017
 Diagram attached:

ARCHITECTURAL		COMMUNICATION / SPECIAL SYSTEMS	
CEILING	Acoustic, can be creative	DATA	
CEILING HEIGHT		TELEPHONE	
WALL FINISH	veneer plaster over high impact resistant gypsum board; option for operable partitions	INTERCOM	
WAINSCOT BASE		PUBLIC ADDRESS RADIO / ENTERTAINMENT CCTV	option to install
FLOOR FINISH		EMCS ⁴	
SLAB DEPRESSION		SECURITY / DURESS	
SOUND PROTECTION	STC 50+ movable wall, STC 50 between classrooms (wall and floor/ceiling), STC 45 to corridor, STC 60 to restrooms, MEP, or stairwells. Doors to have bottom and perimeter seals. Reverberation time 0.6 sec or less. Background noise from traffic and HVAC NC 30 or less.	NOTES	
DOOR			
WINDOW	relite to classrooms, min (1) wall with operable high/low exterior windows		
CASEWORK UPPER/LOWER	various - options for drawers and cabinets, shelves, with doors and some lockable; Solid Surface countertops		
NOTES			
SPECIAL EQUIPMENT		HVAC	
PROJECTION SCREEN	(Define the following equipment to be OFOI ¹ , OFCI ² , or CFCl ³) optional	INSIDE DESIGN CONDITIONS:	
SMART T.V. / MEDIA WALL	optional	MIN. TOTAL AIR CHANGES / HR	
AV EQUIPMENT		ROOM AIR BALANCE:	
PROJECTOR		DEDICATED EXHAUST SYSTEM:	
COMPUTERS	laptops / mobile computer cart	OCCUPANCY	
SPEAKERS	with wiring for voiceover IP		
DVD/VCR		AC LOAD-(EQUIPMENT)	
DISTANCE LEARNING		AC LOAD-(LIGHT)	
WINDOW COVERINGS	operable shades	NOTES	
NOTES	tackable surfaces, whiteboard surfaces soft seating, versatile		
LIGHTING		PLUMBING	
LEVELS		SINK	not required
GENERAL	natural daylight; direct/indirect LAED	COLD WATER	yes
TASK		HOT WATER	
EMERGENCY		SANITARY DRAIN	
SPECIAL		EMERGENCY EYE WASH	
NOTES		EMERGENCY SHOWER	
		NOTES	
POWER		SECURITY	
GENERAL		HOURS OF USE - DAY	
EMERGENCY		HOURS OF USE - NIGHT	
NOTES		NOTES	

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KELLOGG MIDDLE SCHOOL

PORTLAND PUBLIC SCHOOLS

(22) TYPICAL CLASSROOM - 980 SF

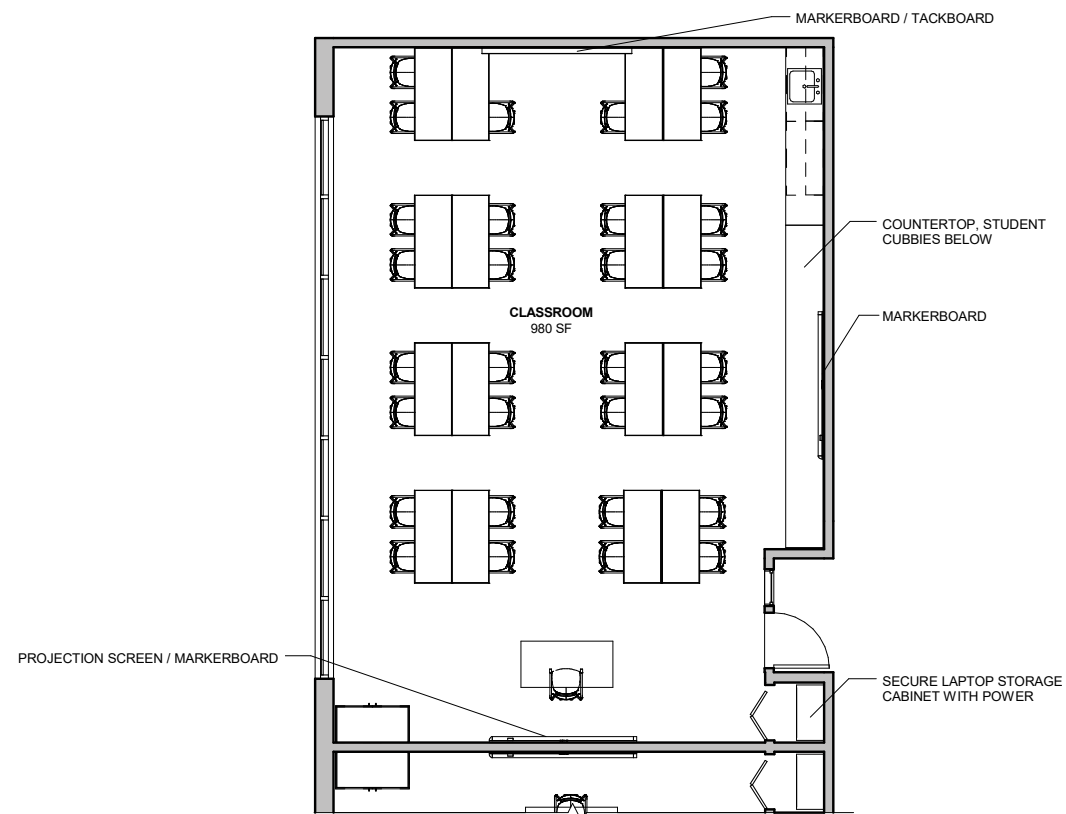
- MATHEMATICS, ENGLISH LANGUAGE, WORLD LANGUAGE, HISTORY
- 30 STUDENT/CLASS
- 2 STUDENT DESKS @ 60" X 24"
- SINK PROVIDED - NOT INCLUDED IN EDUCATIONAL SPECIFICATIONS

(1) ESL CLASSROOM - 980 SF

- REQUIRED - 900 SF
- SCOPE ADD - 80 SF FOR FUTURE FLEXIBILITY

REQUIRED ADJACENCIES:

- COMMONS / EXTENDED LEARNING
- "ZONED" ACCESS
- RESTROOMS / GENDER NEUTRAL RESTROOM



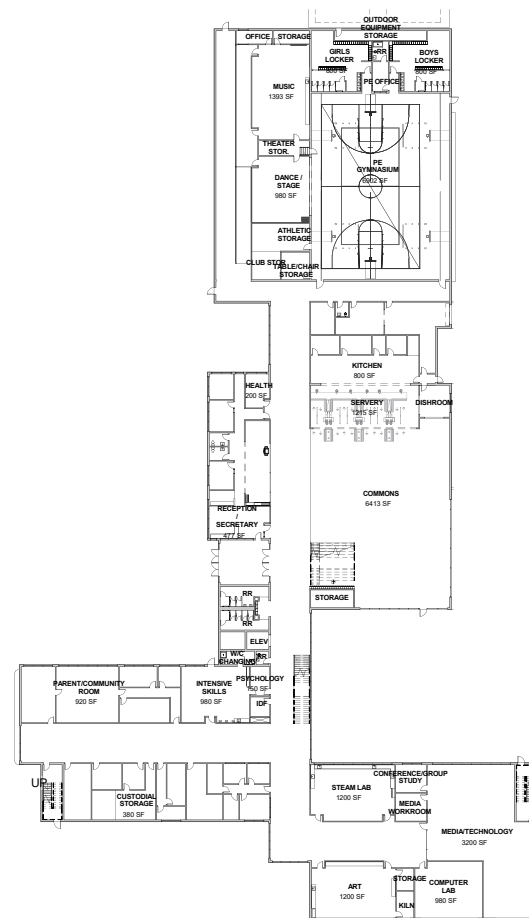
SOCIAL STUDIES



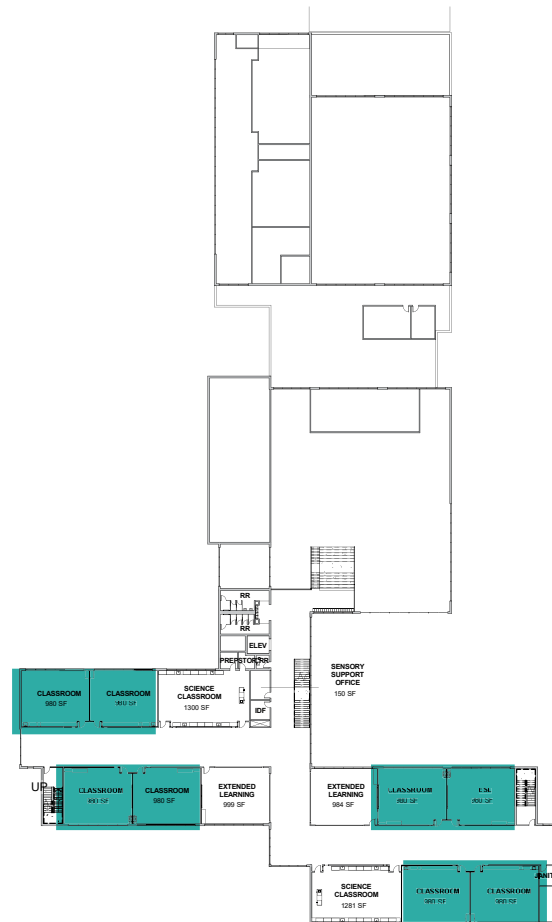


KELLOGG MIDDLE SCHOOL

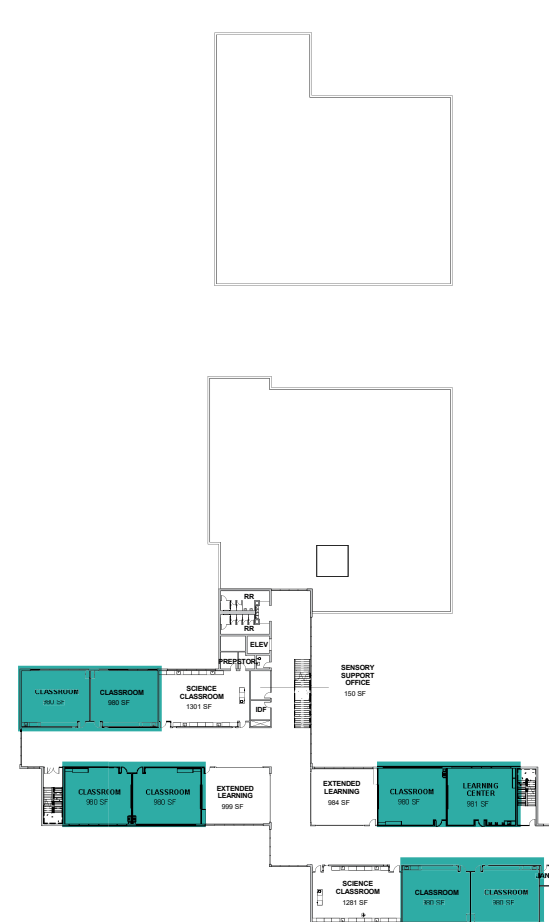
PORTLAND PUBLIC SCHOOLS



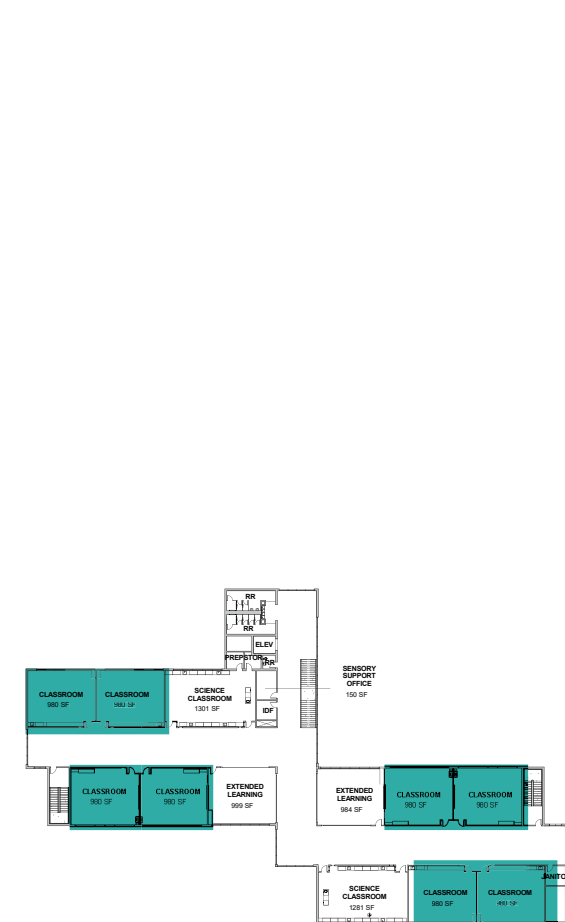
FIRST FLOOR



SECOND FLOOR



THIRD FLOOR



FOURTH FLOOR

SOCIAL STUDIES



11/29/17



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MEDIA CENTER

REQUIRED PREFERRED REMOVED SCOPE ADD

Project Name: **KELLOGG MIDDLE SCHOOL** OHP+D Project No: **90031** Date: 11-28-2017
 Diagram attached:

ARCHITECTURAL		COMMUNICATION / SPECIAL SYSTEMS	
CEILING		DATA	yes
CEILING HEIGHT		TELEPHONE	yes
WALL FINISH	vener plaster over high impact resistant gypsum board	INTERCOM	intercom with clock
WAINSCOT		PUBLIC ADDRESS	
BASE		RADIO / ENTERTAINMENT	
FLOOR FINISH	carpet	CCTV	
SLAB DEPRESSION		EMCS ⁴	
SOUND PROTECTION	STC 50 between media center and other areas (wall and floor/ceiling), STC 45 to corridor, STC 60 to restrooms, MEP, or stairwells. Doors to have bottom and perimeter seals. Reverberation time 0.6 sec or less. Background noise from traffic and HVAC NC 30 or less if used as a classroom or meeting space, NC 35-40 if not.	SECURITY / DURESS	
		NOTES	wireless access point
DOOR			
WINDOW	with lite optimum exterior views, operable windows		
CASEWORK UPPER/LOWER	display cases with open shelving; lockable upper and lower with adjustable shelving for tech, various height countertop space; book return unit, circulation desk with drawers, cabinets, lockable personal storage; shipping and receiving area; Solid Surface countertops		
NOTES	book storage based on collection + 20% extra		
SPECIAL EQUIPMENT		HVAC	
	(Define the following equipment to be OFOI ¹ , OFCI ² , or CFCI ³)	INSIDE DESIGN CONDITIONS: MIN. TOTAL AIR CHANGES / HR ROOM AIR BALANCE:	
PROJECTION SCREEN	wall mount short-throw projector, option for portable projector	DEDICATED EXHAUST SYSTEM:	
SMARTBOARD	min. (1) 4x8 magnetic whiteboard	OCCUPANCY	
SMART T.V. / MEDIA WALL	yes	AC LOAD-(EQUIPMENT)	
AV EQUIPMENT		AC LOAD-(LIGHT)	
COMPUTERS	stations, kiosks, carts	NOTES	
SPEAKERS	audio reinforcement and audio playback system		
DVD/VCR			
DISTANCE LEARNING			
WINDOW COVERINGS	motorized		
NOTES	mobile filing cabinets; large format storage; variety of fixed and mobile book shelving - 1/2 height in field of room, full height along walls; mobile circulation desk 12,090 books, 9,154 textbooks tackable surfaces book return cart, security gates document camera paper towel, soap dispensers		
LIGHTING		PLUMBING	
LEVELS		SINK	(1) utility sink
GENERAL	natural daylighting; direct/indirect LED	COLD WATER	
TASK		HOT WATER	
EMERGENCY		SANITARY DRAIN	
SPECIAL		EMERGENCY EYE WASH	
NOTES		EMERGENCY SHOWER	
		NOTES	
POWER		SECURITY	
GENERAL		HOURS OF USE - DAY	
EMERGENCY		HOURS OF USE - NIGHT	
NOTES		NOTES	

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MEDIA WORKROOM

REQUIRED PREFERRED REMOVED SCOPE ADD

Project Name: **KELLOGG MIDDLE SCHOOL** OHP+D Project No: **90031** Date: 11-28-2017
 Diagram attached:

ARCHITECTURAL		COMMUNICATION / SPECIAL SYSTEMS	
CEILING		DATA	yes
CEILING HEIGHT		TELEPHONE	yes
WALL FINISH	veneer plaster over high impact resistant gypsum board	INTERCOM	intercom with clock
WAINSCOT		PUBLIC ADDRESS	
BASE		RADIO / ENTERTAINMENT	
FLOOR FINISH	carpet; hard surface in media workroom	CCTV	
SLAB DEPRESSION		EMCS ⁴	
SOUND PROTECTION	acoustic isolation between rooms with treatment throughout to reduce background noise	SECURITY / DURESS	
DOOR		NOTES	wireless access point
WINDOW	high/low operable exterior windows; lite connected to media center		
CASEWORK UPPER/LOWER	upper and lower with doors, open shelves for student storage in media workroom; Solid Surface countertops		
NOTES			
SPECIAL EQUIPMENT		HVAC	
	(Define the following equipment to be OFOI ¹ , OFCI ² , or CFCI ³)	INSIDE DESIGN CONDITIONS:	
PROJECTION SCREEN	wall mount short-throw projector	MIN. TOTAL AIR CHANGES / HR	
SMARTBOARD	(1) 4x8 magnetic whiteboard	ROOM AIR BALANCE:	
SMART T.V. / MEDIA WALL	yes	DEDICATED EXHAUST SYSTEM:	
AV EQUIPMENT		OCCUPANCY	
COMPUTERS		AC LOAD-(EQUIPMENT)	
SPEAKERS	audio reinforcement	AC LOAD-(LIGHT)	
DVD/VCR		NOTES	
DISTANCE LEARNING			
WINDOW COVERINGS	operable shades		
NOTES	carts with lockable storage for tech seating can integrate technology tackable surfaces flat file storage in media workroom	PLUMBING	
		SINK	(1) in media center office
		COLD WATER	
		HOT WATER	
		SANITARY DRAIN	
		EMERGENCY EYE WASH	
		EMERGENCY SHOWER	
		NOTES	
LIGHTING		SECURITY	
LEVELS		HOURS OF USE - DAY	
GENERAL	natural daylighting; direct/indirect LED	HOURS OF USE - NIGHT	
TASK		NOTES	
EMERGENCY			
SPECIAL			
NOTES			
POWER			
GENERAL			
EMERGENCY			
NOTES			

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KELLOGG MIDDLE SCHOOL

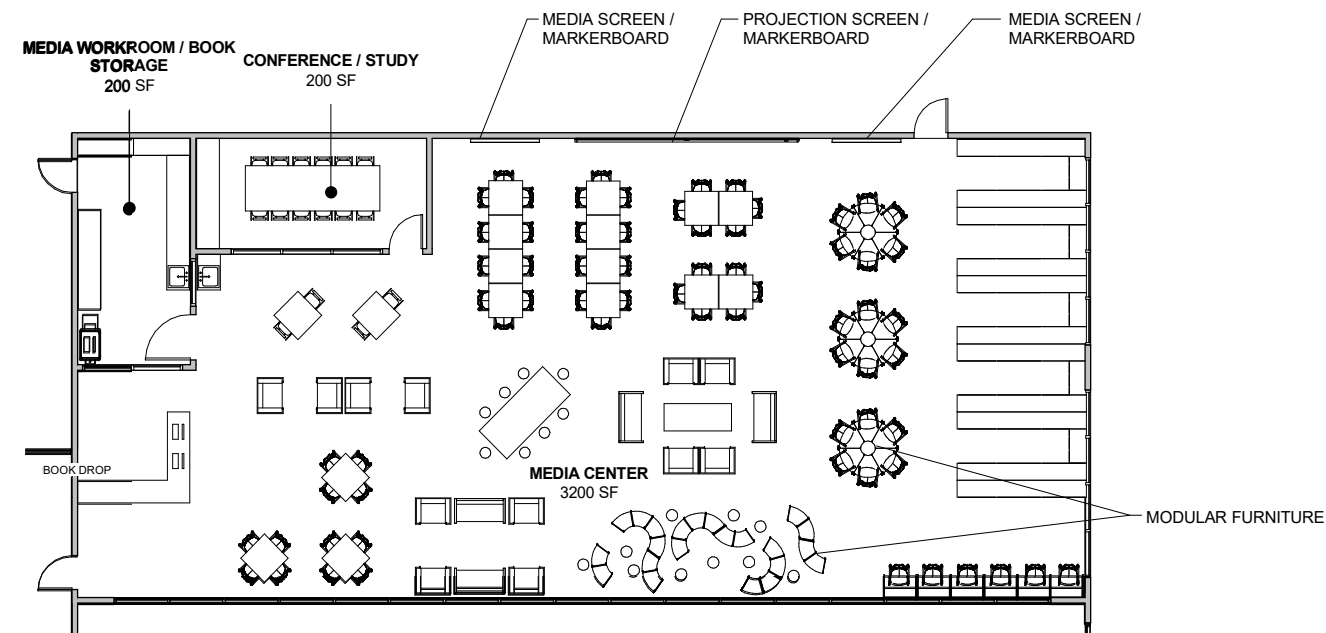
PORTLAND PUBLIC SCHOOLS

REQUIRED PROGRAM

- MEDIA CENTER - 3200 SF**
 - REQUIRED PROGRAM - 1650 SF
 - PREFERRED ADD - 1550 SF
- MEDIA WORKROOM - 200 SF**
- CONFERENCE ROOM - 200 SF**

REQUIRED ADJACENCIES

- CENTRALLY LOCATED
- VIEWS OR ACCESS TO COURTYARD
- RESTROOMS / GENDER NEUTRAL RESTROOM
- SECURITY CONTROLS (IF USED AFTER HOURS)



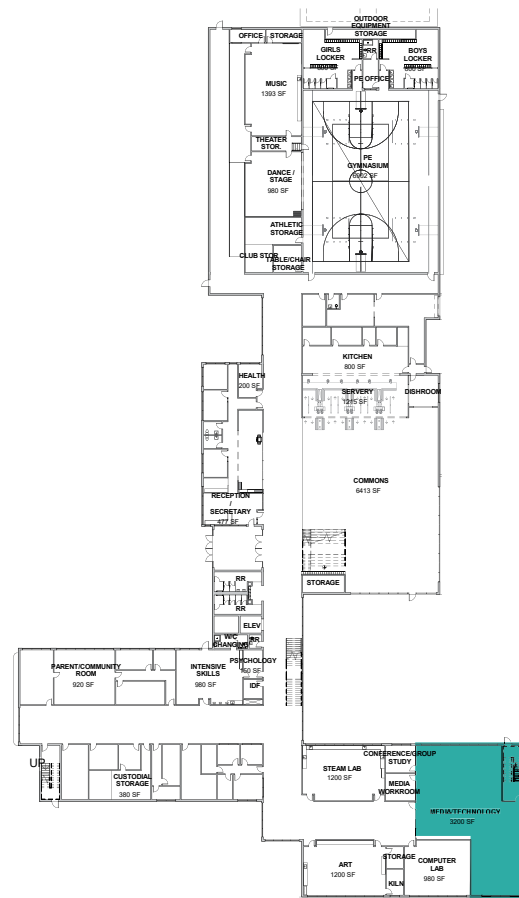
MEDIA CENTER



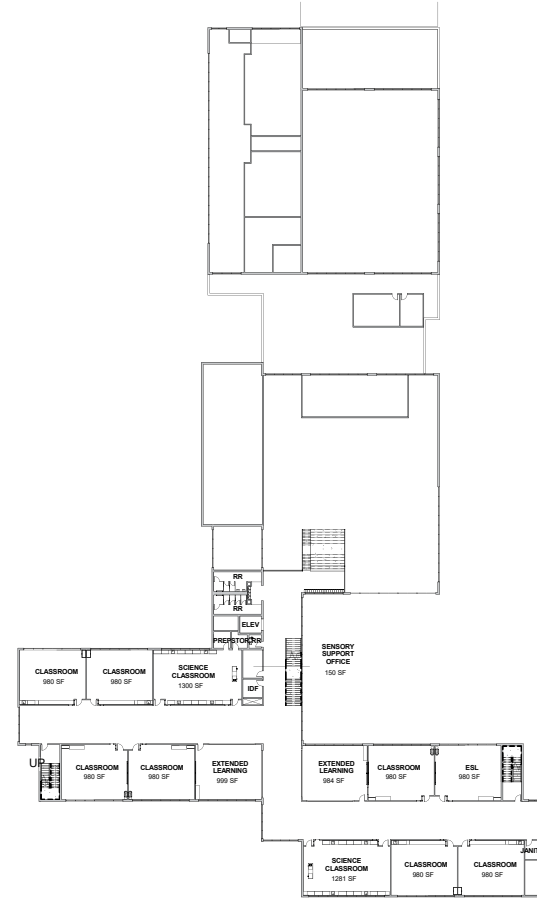


KELLOGG MIDDLE SCHOOL

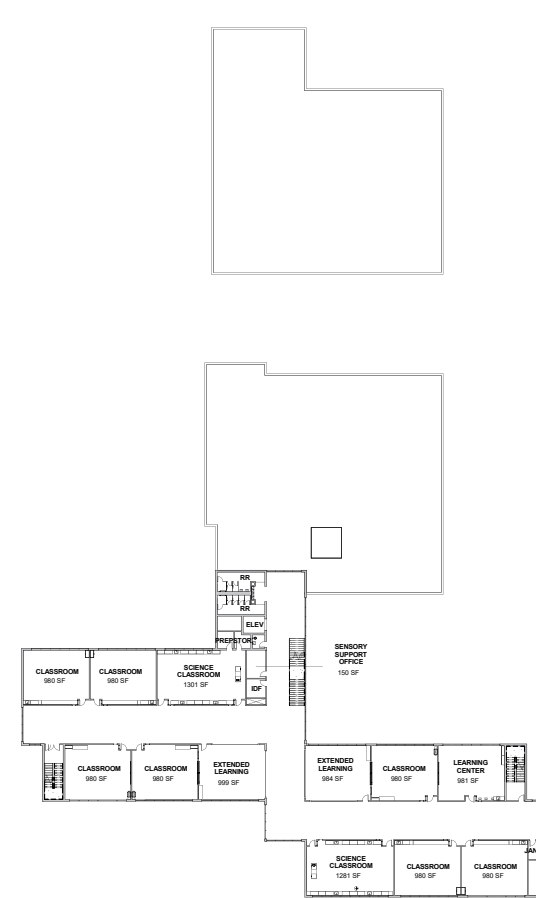
PORTLAND PUBLIC SCHOOLS



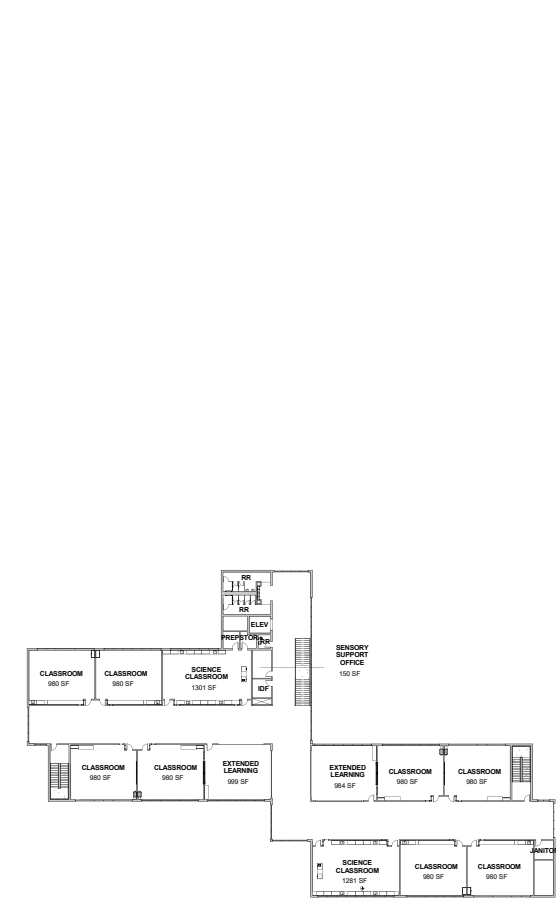
FIRST FLOOR



SECOND FLOOR



THIRD FLOOR



FOURTH FLOOR

MEDIA CENTER



11/29/17



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SCIENCE CLASSROOM

REQUIRED PREFERRED REMOVED SCOPE ADD

Project Name: **KELLOGG MIDDLE SCHOOL** OHP+D Project No: **90031** Diagram attached: Date: 11-28-2017

ARCHITECTURAL

CEILING	
CEILING HEIGHT	
WALL FINISH	veneer plaster over high impact resistant gypsum board
WAINSCOT	
BASE	
FLOOR FINISH	hard surface, chemical resistant
SLAB DEPRESSION	
SOUND PROTECTION	STC 50 between classrooms (wall and floor/ceiling), STC 45 to corridor, STC 45 to science prep. STC 60 to restrooms, MEP, or stairwells. Doors to have bottom and perimeter seals. Reverberation time 0.6 sec or less. Background noise from traffic and HVAC NC 30 or less. Exhaust fans with on/off switch, since they may be above NC 30 when in use.
DOOR	w/ relite
WINDOW	min (1) wall with exterior windows, operable
CASEWORK UPPER/LOWER	upper and lower with doors and drawers, adjustable shelves, lockable teacher cabinets. Chemical resistant countertops
NOTES	

SPECIAL EQUIPMENT

(Define the following equipment to be OFOI¹, OFCI², or CFCI³)

PROJECTION SCREEN	wall mounted short throw projector
SMARTBOARD	markerboards
SMART T.V. / MEDIA WALL	
AV EQUIPMENT	laptops, mobile computer cart, teacher desktop computer
COMPUTERS	desktop computer
SPEAKERS	yes
DVD/VCR	
DISTANCE LEARNING	
WINDOW COVERINGS	
NOTES	goggle sanitation cabinet, safety equipment cabinet, portable file cabinets teacher demo station, blanket cabinet, microwave, hotplates, beaker drying rack tackable surfaces; document camera CONFIRM ALL EQUIPMENT cubbies or storage for student backpacks

LIGHTING

LEVELS	
GENERAL	natural daylighting, light shelves; direct/indirect LED
TASK	
EMERGENCY	
SPECIAL	
NOTES	

POWER

GENERAL	
EMERGENCY	
NOTES	

COMMUNICATION / SPECIAL SYSTEMS

DATA	data/power - (32) locations
TELEPHONE	yes
INTERCOM	intercom with clock
PUBLIC ADDRESS	
RADIO / ENTERTAINMENT	
CCTV	
EMCS ⁴	
SECURITY / DURESS	
NOTES	wireless access point outlets along countertop perimeter overhead power for teacher/student equipment

HVAC

INSIDE DESIGN CONDITIONS:	
MIN. TOTAL AIR CHANGES / HR	
ROOM AIR BALANCE:	
DEDICATED EXHAUST SYSTEM:	
OCCUPANCY	
AC LOAD-(EQUIPMENT)	
AC LOAD-(LIGHT)	
NOTES	fume hoods, gas and air spigots

PLUMBING

SINK	(4) student sinks, (1) teacher/demonstration sink
COLD WATER	
HOT WATER	
SANITARY DRAIN	
EMERGENCY EYE WASH	yes
EMERGENCY SHOWER	
NOTES	

SECURITY

HOURS OF USE - DAY	
HOURS OF USE - NIGHT	
NOTES	

¹OFOI - Owner Furnished Owner Installed
²OFCl - Owner Furnished Contractor Installed
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SCIENCE PREP

REQUIRED PREFERRED REMOVED SCOPE ADD

Project Name: **KELLOGG MIDDLE SCHOOL** OHP+D Project No: **90031** Date: 11-28-2017
 Diagram attached:

ARCHITECTURAL

CEILING
 CEILING HEIGHT
 WALL FINISH veneer plaster over high impact resistant gypsum board

 WAINSCOT
 BASE
 FLOOR FINISH hard surface, chemical resistant
 SLAB DEPRESSION
 SOUND PROTECTION STC 50 between classrooms (wall and floor/ceiling), STC 45 to corridor, STC 45 to science prep. STC 60 to restrooms, MEP, or stairwells. Doors to have bottom and perimeter seals. Reverberation time 0.6 sec or less. Background noise from traffic and HVAC NC 30 or less. Exhaust fans with on/off switch, since they may be above NC 30 when in use. NC 40 Max.

 DOOR lockable - teacher access only
 WINDOW not required
 CASEWORK UPPER/LOWER adjustable shelving, variety of cabinets, drawers, some with locks. Chemical resistant countertops
 NOTES refrigerator, dishwasher flammable storage cabinet, chemical storage cabinet
 water purifier

SPECIAL EQUIPMENT

(Define the following equipment to be OFOI¹, OFCI², or CFCI³)
 PROJECTION SCREEN
 SMARTBOARD
 SMART T.V. / MEDIA WALL
 AV EQUIPMENT
 COMPUTERS
 SPEAKERS
 DVD/CR
 DISTANCE LEARNING
 WINDOW COVERINGS
 NOTES

LIGHTING

LEVELS
 GENERAL direct/indirect LED
 TASK
 EMERGENCY
 SPECIAL
 NOTES

POWER

GENERAL
 EMERGENCY
 NOTES

COMMUNICATION / SPECIAL SYSTEMS

DATA
 TELEPHONE
 INTERCOM

 PUBLIC ADDRESS
 RADIO / ENTERTAINMENT
 CCTV
 EMCS⁴
 SECURITY / DURESS
 NOTES

HVAC

INSIDE DESIGN CONDITIONS:
 MIN. TOTAL AIR CHANGES / HR
 ROOM AIR BALANCE:
 DEDICATED EXHAUST SYSTEM:
 OCCUPANCY
 AC LOAD-(EQUIPMENT)
 AC LOAD-(LIGHT)
 NOTES

PLUMBING

SINK yes

 COLD WATER
 HOT WATER
 SANITARY DRAIN
 EMERGENCY EYE WASH
 EMERGENCY SHOWER
 NOTES

SECURITY

HOURS OF USE - DAY
 HOURS OF USE - NIGHT
 NOTES

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KELLOGG MIDDLE SCHOOL

PORTLAND PUBLIC SCHOOLS

REQUIRED PROGRAM

- (5) **SCIENCE CLASSROOM - 1300 SF**
 - EARTH SCIENCE, BIOLOGY, CHEMISTRY
 - 30 STUDENTS/CLASS
- (1) **SCIENCE PREP - 75 SF**
 - SCOPE ADD OF (2) SCIENCE PREP 75 SF EA.
- (1) **SCIENCE STORAGE - 64 SF**
 - SCOPE ADD OF (2) SCIENCE STORAGE - 64 SF EA.

REQUIRED ADJACENCIES:

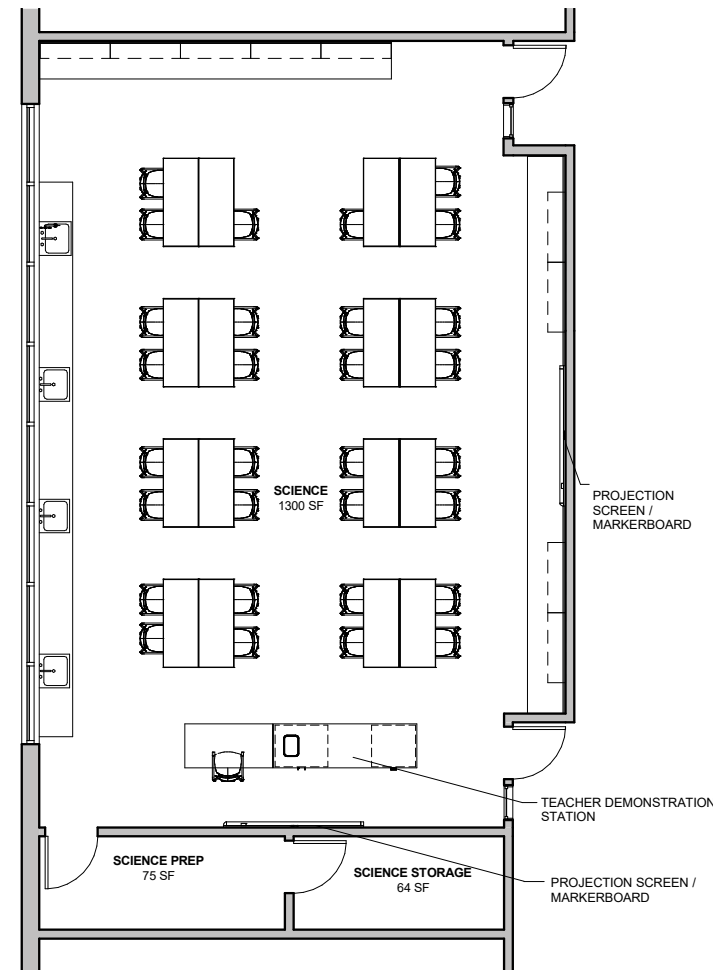
- STEAM LAB
- SUPPORT AND PREP SPACES
- RESTROOMS
- EXTENDED LEARNING AND COMMONS (WHERE APPLICABLE)

NOTES

- ONE MOBILE COMPUTER CART PER 2 CLASSROOMS

REQUIRED EQUIPMENT

- LAPTOPS / COMPUTER CART
- PROJECTOR
- GOGGLE SANITATION CABINET
- SAFETY EQUIPMENT CABINET
- BLANKET CABINET
- MICROWAVE
- HOTPLATES
- BEAKER DRYING RACK
- DOCUMENT CAMERA
- FUME HOODS
- GAS / AIR SPIGOTS
- EMERGENCY EYE WASH
- CHEMICAL RESISTANT COUNTERTOPS



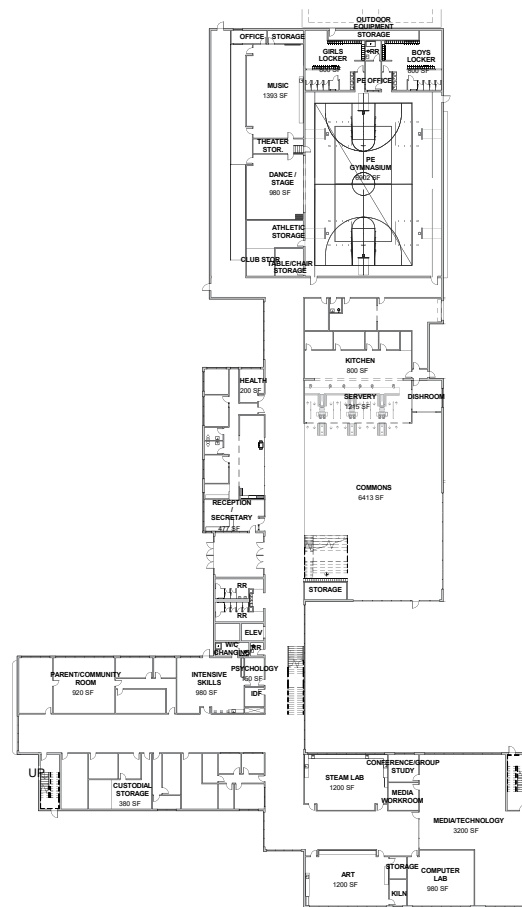
SCIENCE



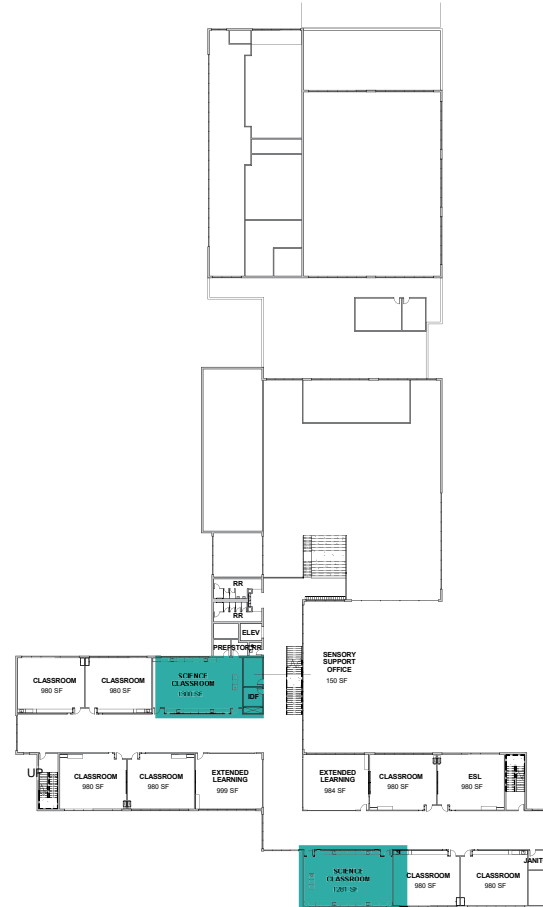


KELLOGG MIDDLE SCHOOL

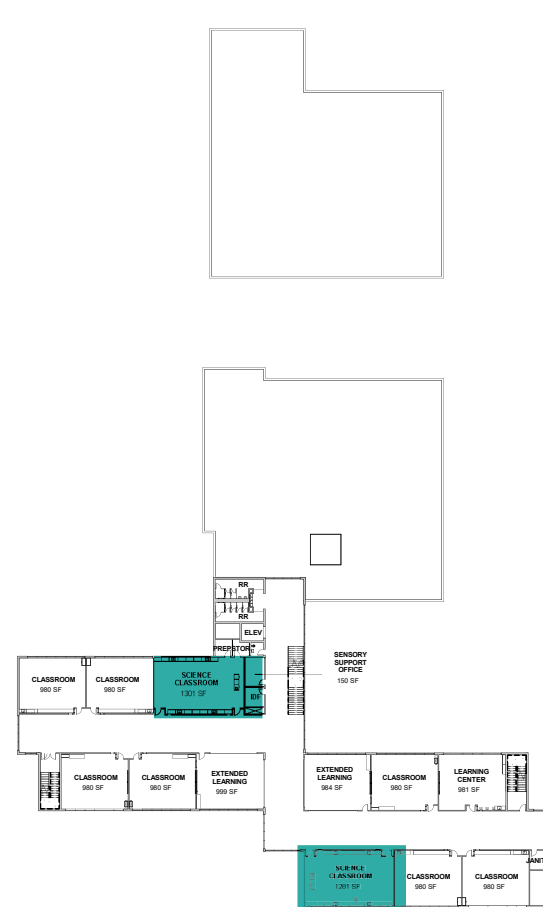
PORTLAND PUBLIC SCHOOLS



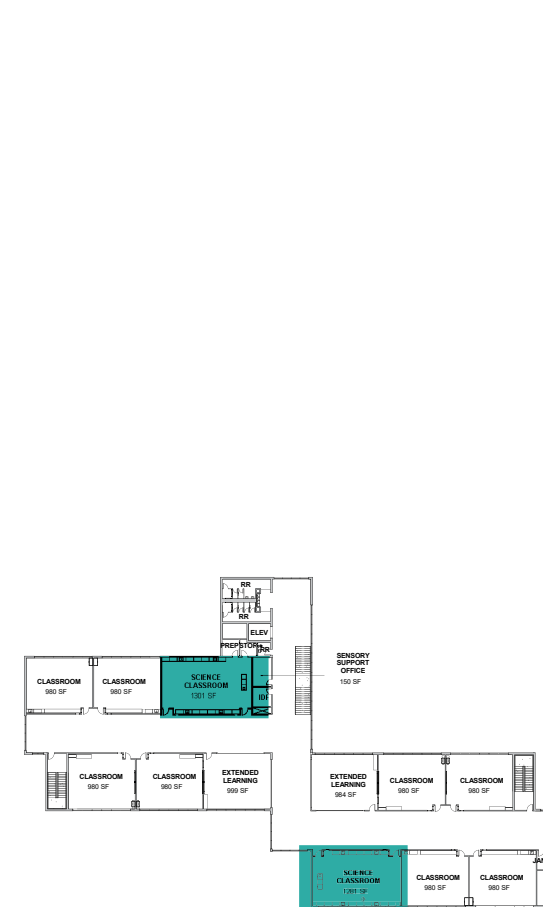
FIRST FLOOR



SECOND FLOOR



THIRD FLOOR



FOURTH FLOOR

SCIENCE





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 tel 503.280.8000



STEAM / MAKERSPACE

REQUIRED PREFERRED REMOVED SCOPE ADD

Project Name: **KELLOGG MIDDLE SCHOOL** OHP+D Project No: **90031** Date: 11-28-2017
 Diagram attached:

ARCHITECTURAL		COMMUNICATION / SPECIAL SYSTEMS	
CEILING		DATA	yes
CEILING HEIGHT		TELEPHONE	yes
WALL FINISH	veneer plaster over high impact resistant gypsum board	INTERCOM	intercom with clock
WAINSCOT		PUBLIC ADDRESS	
BASE		RADIO / ENTERTAINMENT	
FLOOR FINISH	hard surface, chemical resistant	CCTV	
SLAB DEPRESSION		EMCS ⁴	
SOUND PROTECTION	STC 55-60 to other learning spaces, STC 45-50 to corridor, STC 60 to restrooms, MEP, or stairwells. Doors to have bottom and perimeter seals. Reverberation time 0.6 sec or less. Background noise from traffic and HVAC NC 30 or less.	SECURITY / DURESS	
		NOTES	
DOOR	with relite		video outlet near teacher demonstration area
WINDOW	min (1) wall with exterior windows; high/low operable, light shelf options <i>large windows to corridor to excite staff, students, and visitors</i> <i>cabinets should be furniture upper/lower; teacher cabinet with locks, all adjustable shelves; chem-resistant / epoxy countertop with wiremold and multiple outlets above counter</i>		wireless access point
CASEWORK UPPER/LOWER			
NOTES	25-35 student capacity <i>cubbies or storage for student backpacks</i>		
SPECIAL EQUIPMENT		HVAC	
	(Define the following equipment to be OFOI ¹ , OFCI ² , or CFCl ³)	INSIDE DESIGN CONDITIONS:	
PROJECTION SCREEN	wall mounted short throw projector. Can use whiteboard as screen	MIN. TOTAL AIR CHANGES / HR ROOM AIR BALANCE:	
SMARTBOARD	min. (2) 4x8 magnetic whiteboards	DEDICATED EXHAUST SYSTEM:	
SMART T.V. / MEDIA WALL		OCCUPANCY	
AV EQUIPMENT		AC LOAD-(EQUIPMENT)	
COMPUTERS	student laptops, (1) teacher desktop	AC LOAD-(LIGHT)	
SPEAKERS		NOTES	
DVD/VCR			
DISTANCE LEARNING			
WINDOW COVERINGS	operable adjustable workstations; teacher demonstration area	PLUMBING	
NOTES	chemical resistant surfaces goggle sanitizing cabinet, safety equipment cabinet, fire extinguisher min. (2) 4x8 tackable surfaces similar requirements to science classroom	SINK	4 student, 1 teacher demonstration
		COLD WATER	
		HOT WATER	
		SANITARY DRAIN	
	REVIEW AND CONFIRM MAKERSPACE EQUIPMENT LIST DATED JUNE 2017	EMERGENCY EYE WASH	yes
LIGHTING		EMERGENCY SHOWER	
LEVELS	natural daylighting, light shelf option; direct/indirect LED	NOTES	
GENERAL			
TASK			
EMERGENCY			
SPECIAL		SECURITY	
NOTES		HOURS OF USE - DAY	
		HOURS OF USE - NIGHT	
		NOTES	
POWER			
GENERAL			
EMERGENCY			
NOTES			



KELLOGG MIDDLE SCHOOL

PORTLAND PUBLIC SCHOOLS

PREFERRED PROGRAM

(1) STEAM LAB / MAKERSPACE - 1200 SF

REQUIRED ADJACENCIES:

- SCIENCE CLASSROOMS
- RESTROOMS

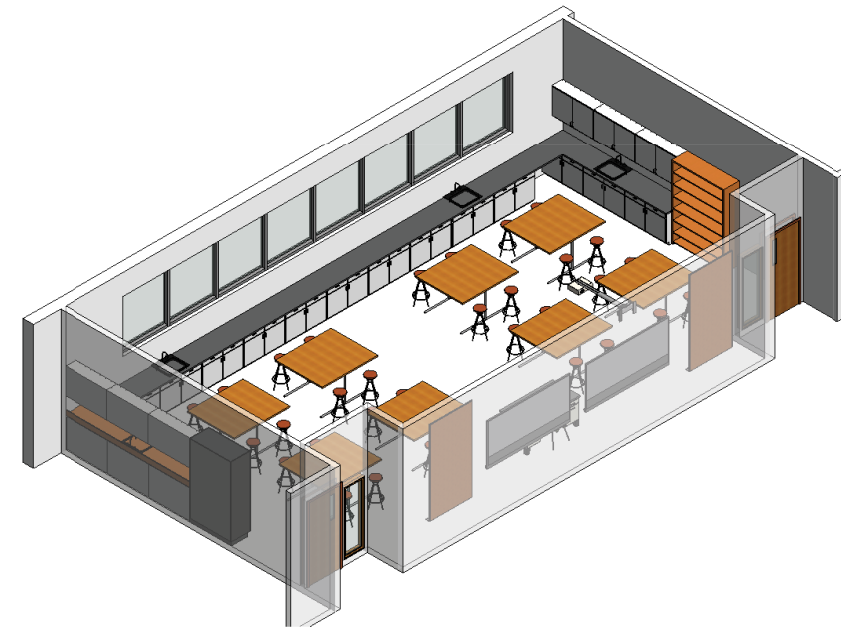
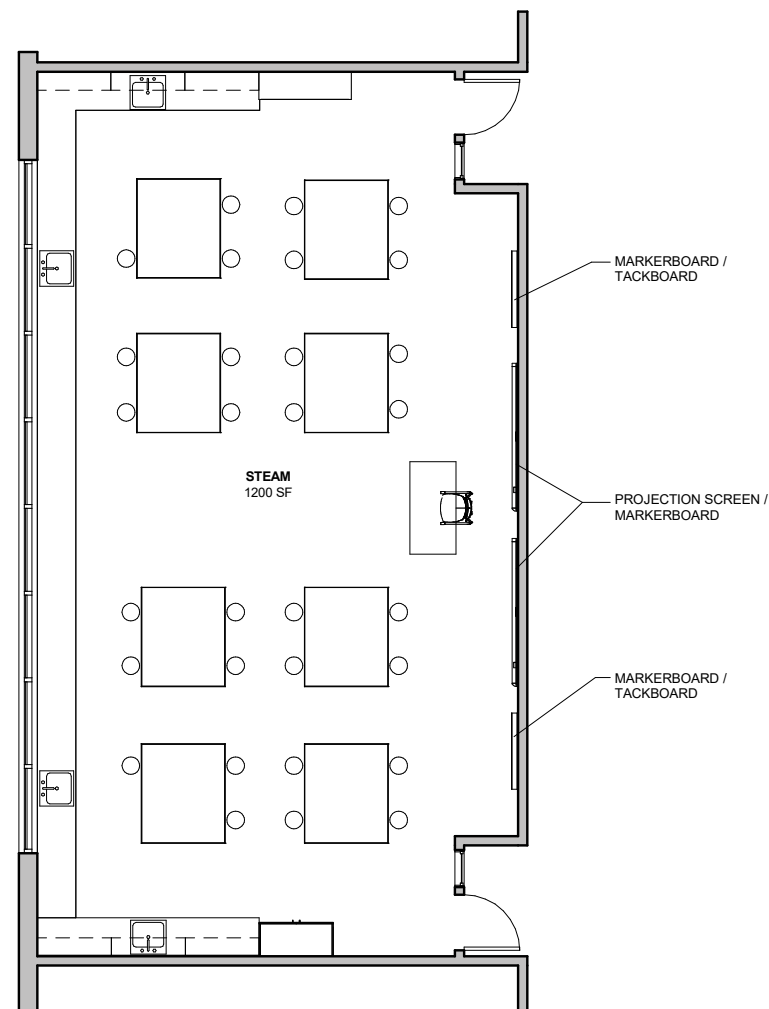
REQUIRED EQUIPMENT

- LAPTOPS / COMPUTER CARTS
- VIDEO PROJECTION SCREEN
- FIRE EXTINGUISHER

PREFERRED EQUIPMENT

- BLANKET CABINET
- GOGGLE SANITIZER
- BEAKER DRYING RACK
- MICROWAVE
- HOT PLATES

SCHOOL SPECIFIC
MAKERSPACE / STEAM
EQUIPMENT TO BE
DETERMINED



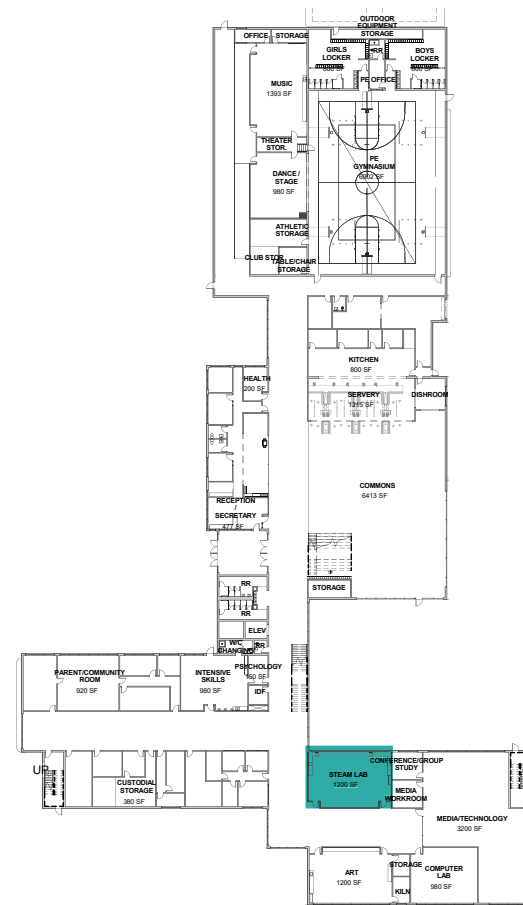
STEAM / MAKERSPACE



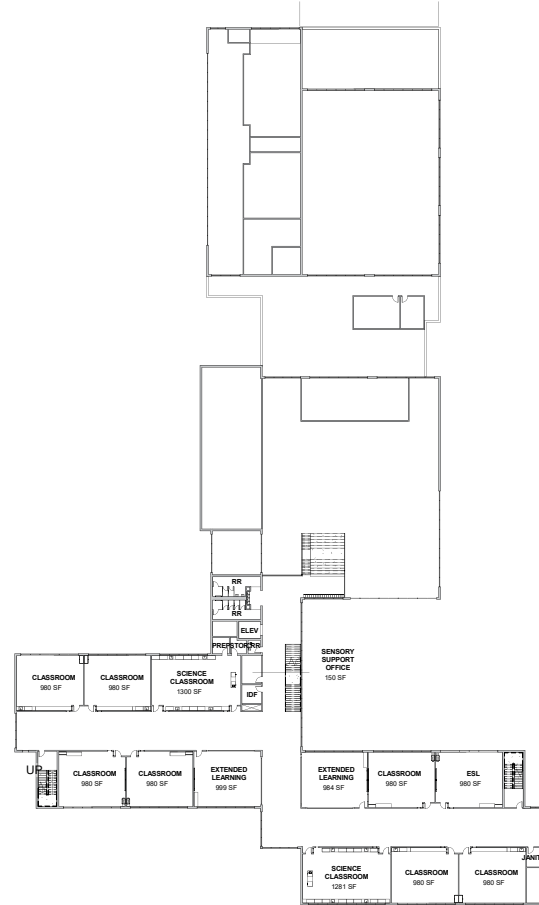


KELLOGG MIDDLE SCHOOL

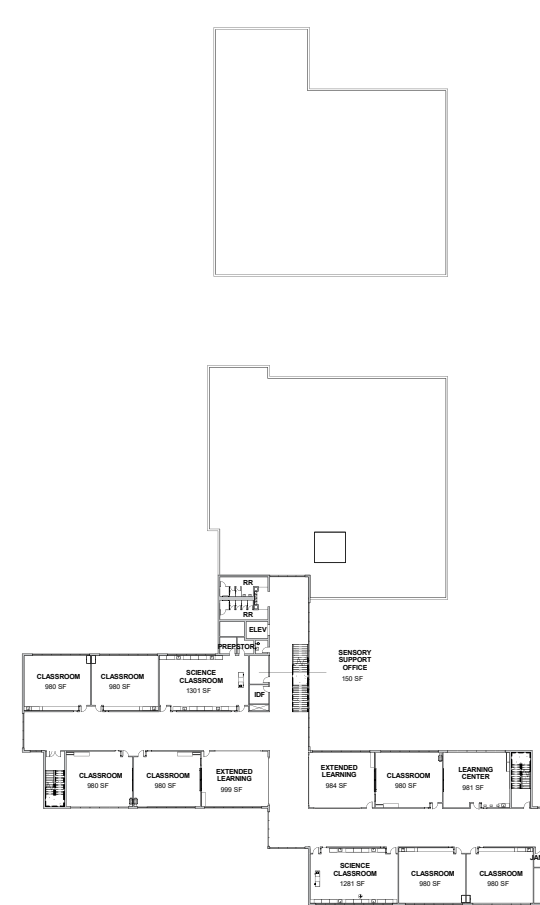
PORTLAND PUBLIC SCHOOLS



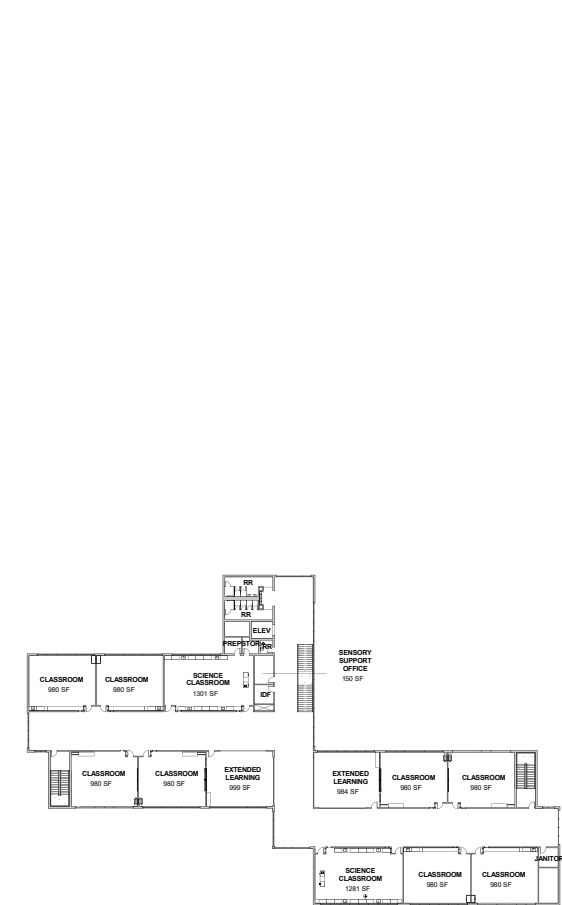
FIRST FLOOR



SECOND FLOOR



THIRD FLOOR



FOURTH FLOOR



STEAM / MAKERSPACE





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ENGLISH LANGUAGE ARTS CLASSROOM

REQUIRED PREFERRED REMOVED SCOPE ADD

Project Name: **KELLOGG MIDDLE SCHOOL** OHP+D Project No: **90031** Date: 11-28-2017
 Diagram attached:

ARCHITECTURAL	
CEILING	ACT
CEILING HEIGHT	
WALL FINISH	veneer plaster over high impact resistant gypsum board; tackable surfaces on all walls
WAINSCOT	
BASE	
FLOOR FINISH	hard surface
SLAB DEPRESSION	
SOUND PROTECTION	STC 50 between classrooms (wall and floor/ceiling), STC 45 to corridor, STC 40 windows to exterior (upgraded), STC 60 to restrooms, MEP, or stairwells. Doors to have bottom and perimeter seals. Reverberation time 0.6 sec or less. Background noise from traffic and HVAC NC 30 or less.
DOOR	w/ relite and operable shade
WINDOW	at least one wall exterior windows upper and lower with adjustable shelves, doors, drawers. Lockable casework for teachers. 6-8' long built-ins. Solid Surface countertops
CASEWORK UPPER/LOWER	
NOTES	large-format storage tech closet with shelves / charging station

SPECIAL EQUIPMENT	
PROJECTION SCREEN	(Define the following equipment to be OFOI ¹ , OFCI ² , or CFCI ³) wall mounted short-throw projector
SMARTBOARD	(2) 4x8 magnetic markerboards
SMART T.V. / MEDIA WALL	
AV EQUIPMENT	
COMPUTERS	laptops/mobile computer cart
SPEAKERS	yes
DVD/VCR	
DISTANCE LEARNING	
WINDOW COVERINGS	operable
NOTES	
OTHER	portable file cabinets soap/paper towel cubbies or storage for student backpacks document camera printer

LIGHTING	
LEVELS	
GENERAL	natural daylight, light shelves; direct/indirect LED
TASK	
EMERGENCY	
SPECIAL	
NOTES	

POWER	
GENERAL	
EMERGENCY	
NOTES	

COMMUNICATION / SPECIAL SYSTEMS	
DATA	(12) power/data locations.
TELEPHONE	yes
INTERCOM	intercom w/ clock
PUBLIC ADDRESS	
RADIO / ENTERTAINMENT	
CCTV	option to install cameras
EMCS ⁴	
SECURITY / DURESS	
NOTES	wireless access port

HVAC	
INSIDE DESIGN CONDITIONS:	
MIN. TOTAL AIR CHANGES / HR	
ROOM AIR BALANCE:	
DEDICATED EXHAUST SYSTEM:	
OCCUPANCY	
AC LOAD-(EQUIPMENT)	
AC LOAD-(LIGHT)	
NOTES	

PLUMBING	
SINK	built-in counter with (1) sink
COLD WATER	
HOT WATER	
SANITARY DRAIN	
EMERGENCY EYE WASH	
EMERGENCY SHOWER	
NOTES	

SECURITY	
HOURS OF USE - DAY	
HOURS OF USE - NIGHT	
NOTES	

¹OFOI - Owner Furnished Owner Installed
²OFCI - Owner Furnished Contractor Installed
³CFCI - Contractor Furnished Contractor Installed
⁴EMCS - Energy Management and Control Systems



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EXTENDED LEARNING

REQUIRED PREFERRED REMOVED ADDED

Project Name: **KELLOGG MIDDLE SCHOOL** OHP+D Project No: **90031** Date: 11-28-2017
 Diagram attached:

ARCHITECTURAL		COMMUNICATION / SPECIAL SYSTEMS	
CEILING	Acoustic, can be creative	DATA	
CEILING HEIGHT		TELEPHONE	
WALL FINISH	veneer plaster over high impact resistant gypsum board; option for operable partitions	INTERCOM	
WAINSCOT		PUBLIC ADDRESS	
BASE		RADIO / ENTERTAINMENT	
FLOOR FINISH		CCTV	option to install
SLAB DEPRESSION		EMCS ⁴	
SOUND PROTECTION	STC 50+ movable wall, STC 50 between classrooms (wall and floor/ceiling), STC 45 to corridor, STC 60 to restrooms, MEP, or stairwells. Doors to have bottom and perimeter seals. Reverberation time 0.6 sec or less. Background noise from traffic and HVAC NC 30 or less.	SECURITY / DURESS	
DOOR		NOTES	
WINDOW	relite to classrooms, min (1) wall with operable high/low exterior windows		
CASEWORK UPPER/LOWER	various - options for drawers and cabinets, shelves, with doors and some lockable; Solid Surface countertops		
NOTES			
SPECIAL EQUIPMENT		HVAC	
	(Define the following equipment to be OFOI ¹ , OFCI ² , or CFCl ³)	INSIDE DESIGN CONDITIONS:	
PROJECTION SCREEN	optional	MIN. TOTAL AIR CHANGES / HR	
SMART T.V. / MEDIA WALL	optional	ROOM AIR BALANCE:	
AV EQUIPMENT		DEDICATED EXHAUST SYSTEM:	
PROJECTOR		OCCUPANCY	
COMPUTERS	laptops / mobile computer cart	AC LOAD-(EQUIPMENT)	
SPEAKERS	with wiring for voiceover IP	AC LOAD-(LIGHT)	
DVD/VCR		NOTES	
DISTANCE LEARNING			
WINDOW COVERINGS	operable shades		
NOTES	tackable surfaces, whiteboard surfaces soft seating, versatile		
LIGHTING		PLUMBING	
LEVELS			not required
GENERAL	natural daylight; direct/indirect LAED	SINK	yes
TASK		COLD WATER	
EMERGENCY		HOT WATER	
SPECIAL		SANITARY DRAIN	
NOTES		EMERGENCY EYE WASH	
		EMERGENCY SHOWER	
		NOTES	
POWER		SECURITY	
GENERAL		HOURS OF USE - DAY	
EMERGENCY		HOURS OF USE - NIGHT	
NOTES		NOTES	

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KELLOGG MIDDLE SCHOOL

PORTLAND PUBLIC SCHOOLS

(22) TYPICAL CLASSROOM - 980 SF

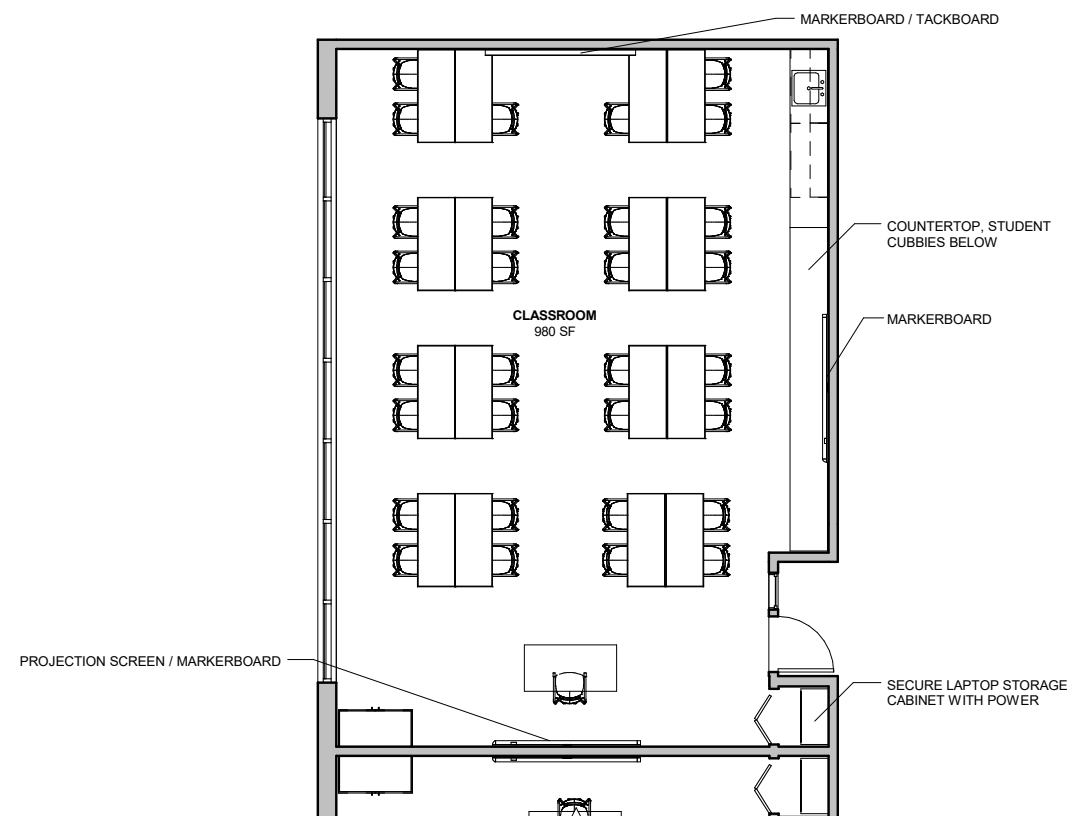
- MATHEMATICS, ENGLISH LANGUAGE, WORLD LANGUAGE, HISTORY
- 30 STUDENT/CLASS
- 2 STUDENT DESKS @ 60" X 24"
- SINK PROVIDED - NOT INCLUDED IN EDUCATIONAL SPECIFICATIONS

(1) ESL CLASSROOM - 980 SF

- REQUIRED - 900 SF
- SCOPE ADD - 80 SF FOR FUTURE FLEXIBILITY

REQUIRED ADJACENCIES:

- COMMONS / EXTENDED LEARNING
- "ZONED" ACCESS
- RESTROOMS / GENDER NEUTRAL RESTROOM



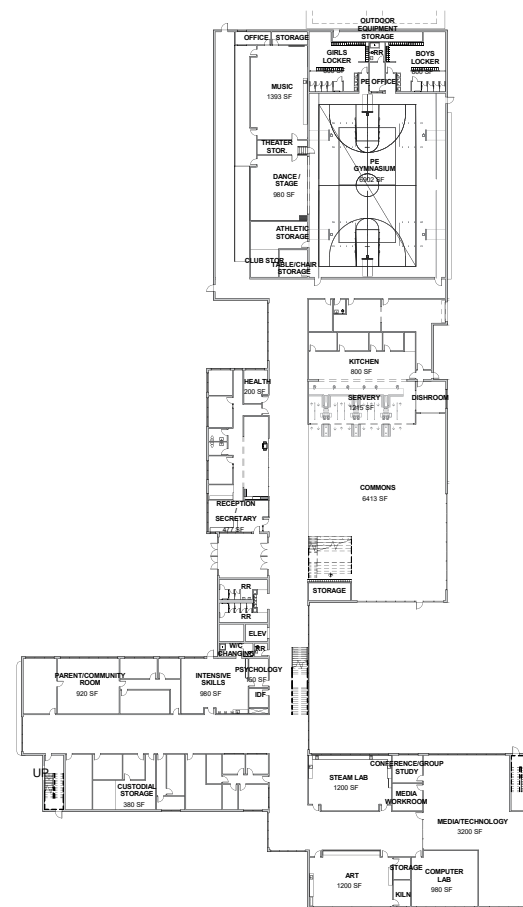
LANGUAGE ARTS



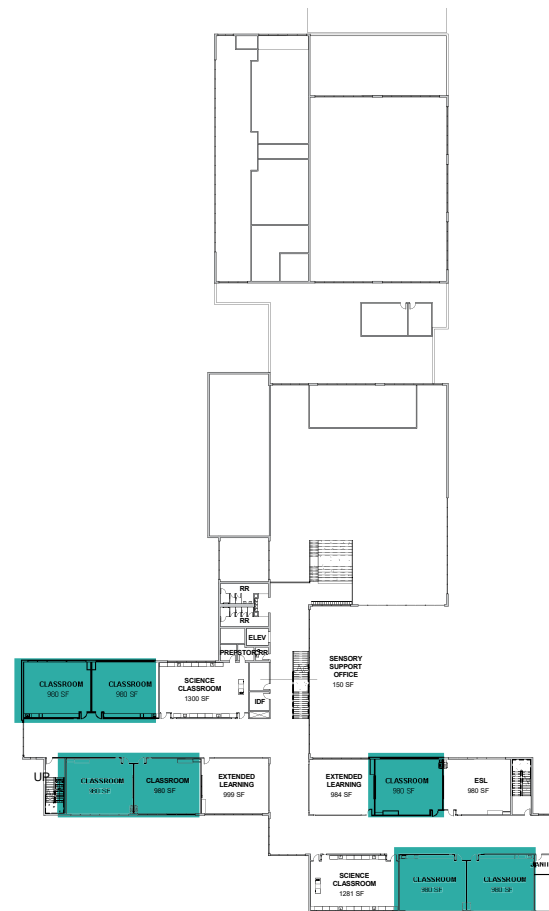


KELLOGG MIDDLE SCHOOL

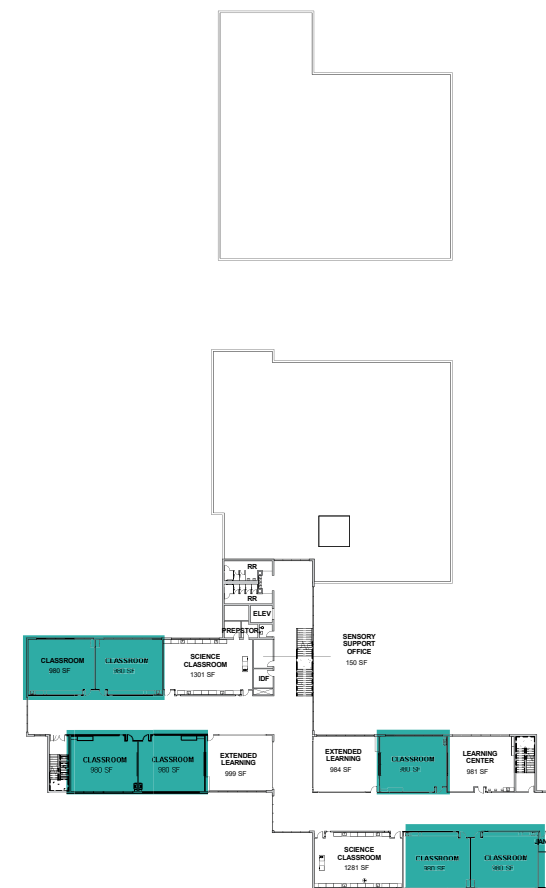
PORTLAND PUBLIC SCHOOLS



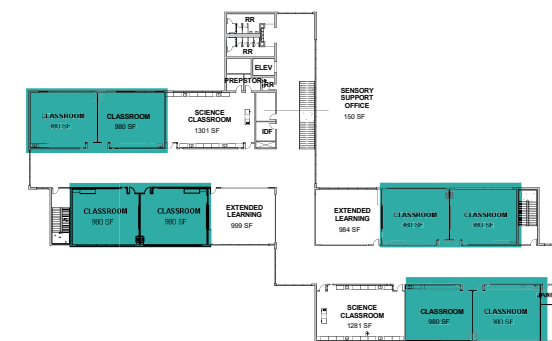
FIRST FLOOR



SECOND FLOOR



THIRD FLOOR



FOURTH FLOOR

LANGUAGE ARTS





KELLOGG MIDDLE SCHOOL

PORTLAND PUBLIC SCHOOLS

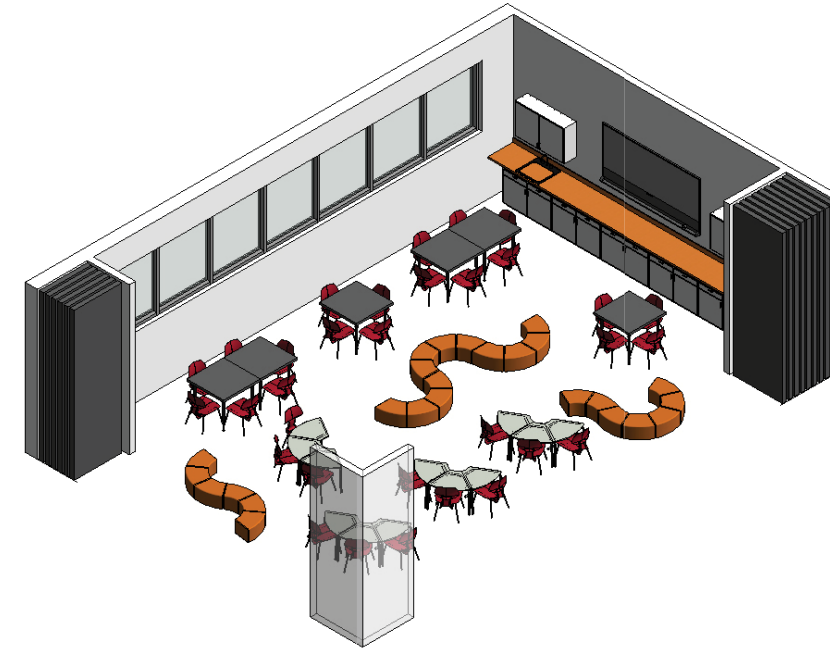
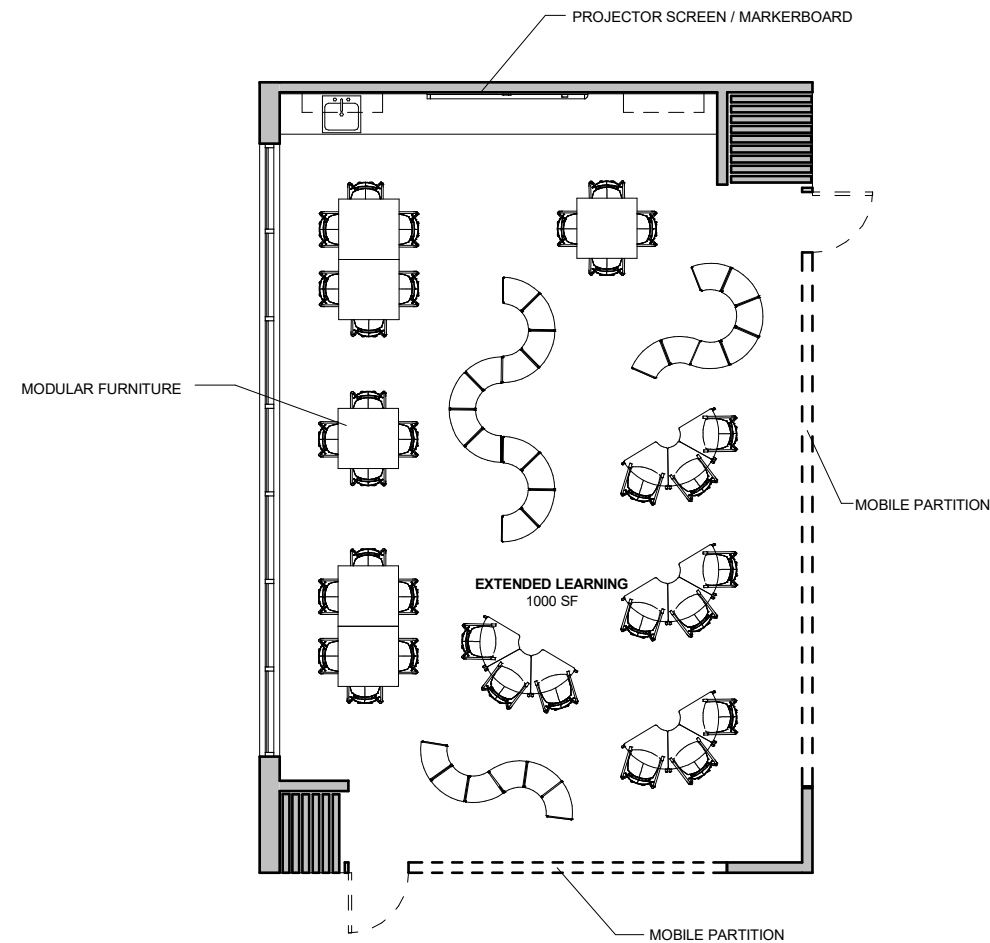
REQUIRED PROGRAM

(6) EXTENDED LEARNING - 1000 SF

- MOBILE PARTITIONS WITH STC RATING 45-50
- ONE MOBILE COMPUTER CART PER 2 CLASSROOMS

REQUIRED ADJACENCIES:

- CENTRALLY LOCATED
- ONE PER LEARNING SUITE - 6 TOTAL



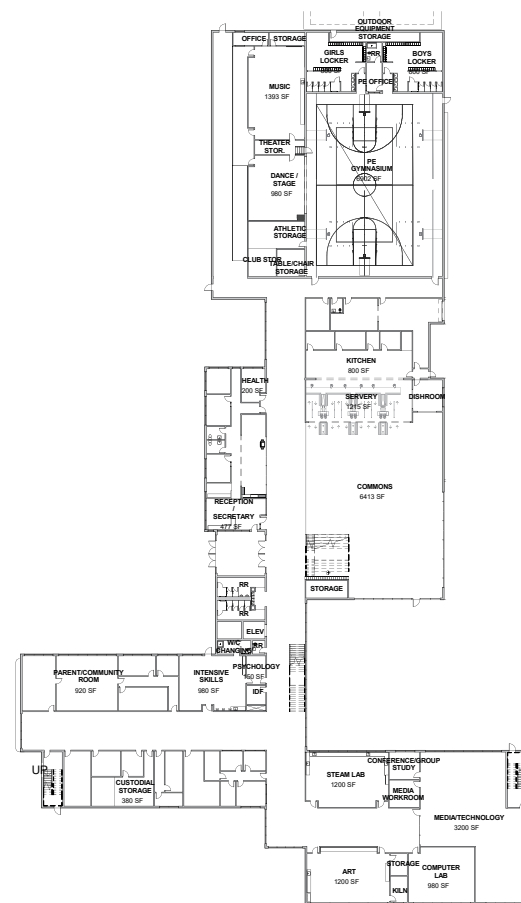
EXTENDED LEARNING



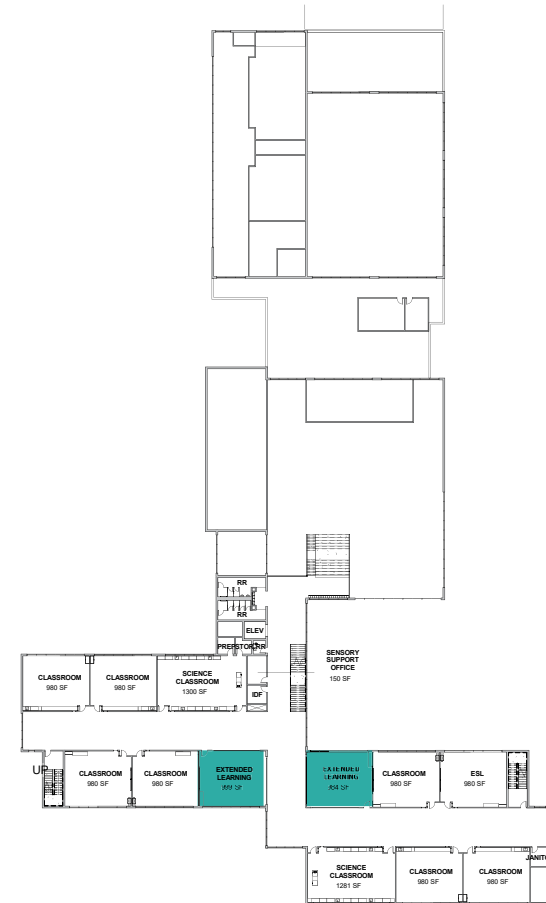


KELLOGG MIDDLE SCHOOL

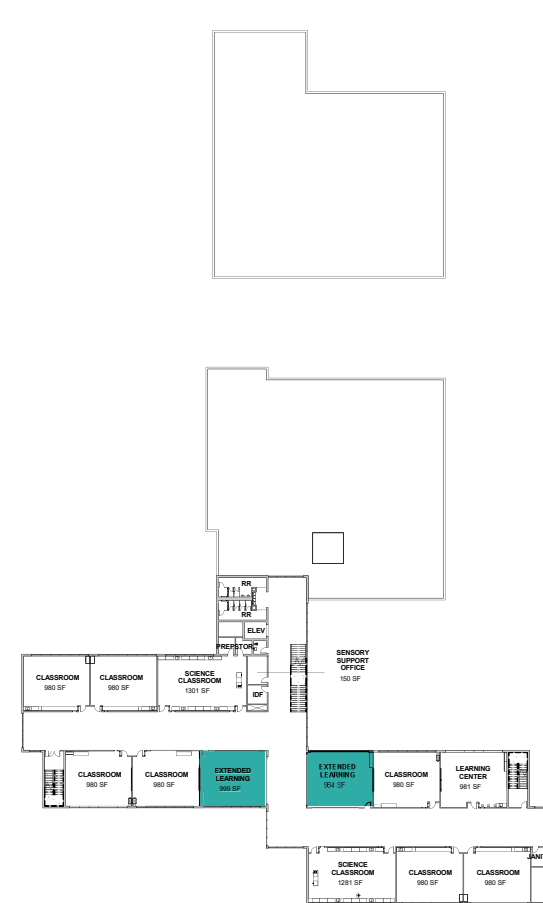
PORTLAND PUBLIC SCHOOLS



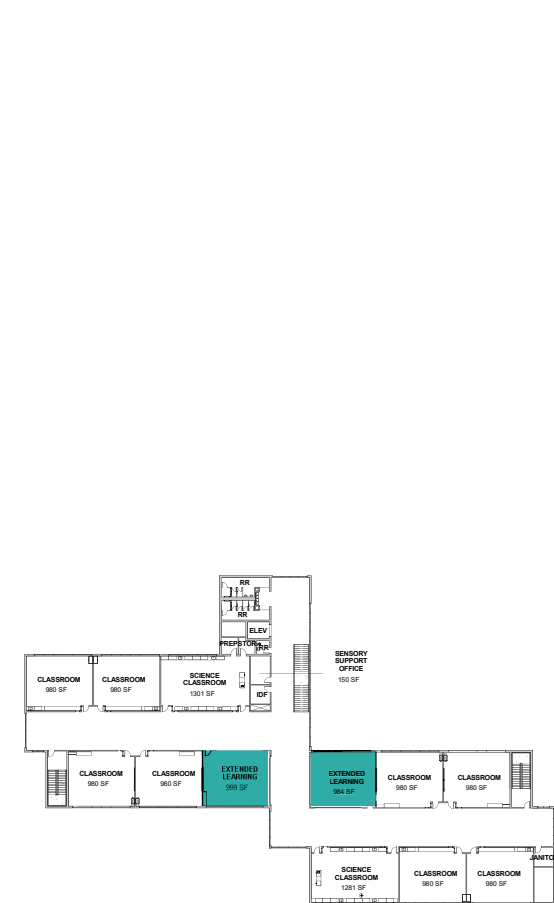
FIRST FLOOR



SECOND FLOOR



THIRD FLOOR



FOURTH FLOOR

EXTENDED LEARNING





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GYMNASIUM

REQUIRED PREFERRED REMOVED ADDED

Project Name: **KELLOGG MIDDLE SCHOOL** OHP+D Project No: **90031** Date: 11-28-2017
 Diagram attached:

ARCHITECTURAL		COMMUNICATION / SPECIAL SYSTEMS	
CEILING		DATA	4 outlets on non bleacher walls
CEILING HEIGHT		TELEPHONE	yes
WALL FINISH	padding all walls	INTERCOM	intercom with clock
WAINSCOT		PUBLIC ADDRESS	
BASE		RADIO / ENTERTAINMENT	
FLOOR FINISH	wood, with basketball and volleyball striping	CCTV	
SLAB DEPRESSION		EMCS ⁴	
SOUND PROTECTION	This space intended as a presentation space, which requires upgraded acoustics. STC 60min to other areas, STC 55 to corridor, STC 60 to restrooms, MEP, or stairwells. Doors to have upgraded bottom and perimeter seals. Reverberation time 1.0 sec or less, which requires extensive ceiling absorption treatment, and 3 walls with significant coverage of acoustical panels. Background noise from traffic and HVAC NC 35 or less (ideally NC 30 or less).	SECURITY / DURESS	
DOOR	with lites and kick plates	NOTES	wireless access port
WINDOW	high windows		
CASEWORK UPPER/LOWER			
NOTES			
SPECIAL EQUIPMENT		HVAC	
	(Define the following equipment to be OFOI ¹ , OFCI ² , or CFCI ³)	INSIDE DESIGN CONDITIONS:	
PROJECTION SCREEN	wall mounted short throw projector	MIN. TOTAL AIR CHANGES / HR	
SMARTBOARD	AV screen and whiteboards provided on each half of gym; one large AV screen for assemblies	ROOM AIR BALANCE:	
SMART T.V. / MEDIA WALL		DEDICATED EXHAUST SYSTEM:	
AV EQUIPMENT		OCCUPANCY	
COMPUTERS		AC LOAD-(EQUIPMENT)	
SPEAKERS	full sound system, video display, audio reinforcement and audio playback system	AC LOAD-(LIGHT)	
DVD/VCR		NOTES	drinking fountains and bottle fill station in or adjacent to gymnasium
DISTANCE LEARNING			
WINDOW COVERINGS	motorized bleachers, hanging bars, scoreboard, motorized basketball hoops, manual basketball hoops, volleyball insets, rock wall	PLUMBING	
NOTES	recessed floor plates for nets wrestling mats, mat lift, climbing ropes, sports divider curtain adjustable shelving deep enough for boxes of equipment; space for volleyball standards, ball racks, floor mats, lacrosse goals	SINK	
PE STORAGE	hard surface floor with drain and durable walls bars/racks for uniform storage	COLD WATER	
LIGHTING		HOT WATER	
LEVELS		SANITARY DRAIN	
GENERAL	industrial type with wire guards.	EMERGENCY EYE WASH	
TASK	recessed theatrical lighting	EMERGENCY SHOWER	
EMERGENCY		NOTES	
SPECIAL			
NOTES	access to lighting from within gymnasium	SECURITY	
POWER		HOURS OF USE - DAY	
GENERAL	dedicated power for bleacher seating, scoreboard and control, shot clock, divider curtain, phone, intercome, sound system, clock.	HOURS OF USE - NIGHT	
EMERGENCY		NOTES	
NOTES			

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LOCKER ROOMS

REQUIRED PREFERRED REMOVED ADDED

Project Name: **KELLOGG MIDDLE SCHOOL** OHP+D Project No: **90031** Date: 11-28-2017
 Diagram attached:

ARCHITECTURAL		COMMUNICATION / SPECIAL SYSTEMS	
CEILING		DATA	
CEILING HEIGHT		TELEPHONE	yes
WALL FINISH		INTERCOM	intercom with clock
WAINSCOT		PUBLIC ADDRESS	
BASE		RADIO / ENTERTAINMENT	
FLOOR FINISH	hard surface floor with drains	CCTV	
SLAB DEPRESSION		EMCS ⁴	
SOUND PROTECTION		SECURITY / DURESS	
DOOR	with lite	NOTES	wireless access port
WINDOW	window from office into locker rooms for monitoring, while maintaining privacy		
CASEWORK UPPER/LOWER	office: cabinet with doors, lockable		
NOTES			
SPECIAL EQUIPMENT		HVAC	
	(Define the following equipment to be OFOI ¹ , OFCI ² , or CFCI ³)	INSIDE DESIGN CONDITIONS:	
PROJECTION SCREEN		MIN. TOTAL AIR CHANGES / HR	
SMARTBOARD	office: (1) 4x6 magnetic whiteboard, (1) 4x4 tack board	ROOM AIR BALANCE:	
SMART T.V. / MEDIA WALL		DEDICATED EXHAUST SYSTEM:	
AV EQUIPMENT	desktop in office; video streaming capabilities	OCCUPANCY	
COMPUTERS		AC LOAD-(EQUIPMENT)	
SPEAKERS		AC LOAD-(LIGHT)	
DVD/VCR		NOTES	
DISTANCE LEARNING			
WINDOW COVERINGS		PLUMBING	
NOTES	Office: desk, chair, mobile file cabinets, paper towel, soap, toilet accessories, feminine hygiene	SINK	sinks per code
	Locker rooms: 105 1/2 height vandalproof lockers with vented doors and padlock access OR 105 lockable stacked baskets with 50-60 1/2 lockers for changing	TOILETS	toilet count per code
	benches	SHOWER	2-4 showerheads per locker room Unisex bathroom for flexible use by school added near locker rooms
LIGHTING		HOT WATER	
LEVELS		SANITARY DRAIN	
GENERAL		EMERGENCY EYE WASH	
TASK		EMERGENCY SHOWER	
EMERGENCY		NOTES	
SPECIAL		SECURITY	
NOTES		HOURS OF USE - DAY	
		HOURS OF USE - NIGHT	
		NOTES	
POWER			
GENERAL			
EMERGENCY			
NOTES			

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KELLOGG MIDDLE SCHOOL

PORTLAND PUBLIC SCHOOLS

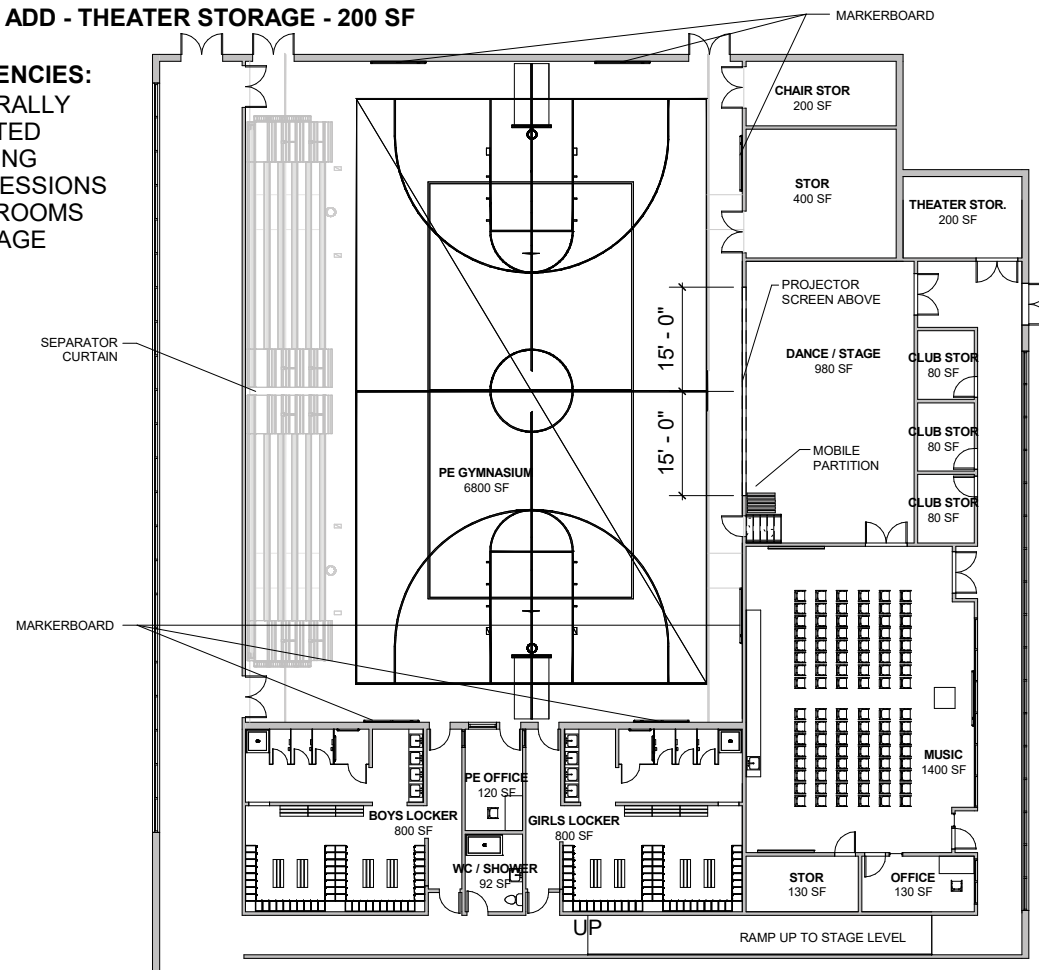
REQUIRED PROGRAM
 GYMNASIUM - 6800 SF
 (2) STORAGE - 200 SF EA.
 (3) CLUB STORAGE - 80 SF EA.
 (2) LOCKER / RESTROOM - 800 SF EA.
 OFFICE - 120 SF
 SCOPE ADD - CHAIR STORAGE - 200 SF
 SCOPE ADD - THEATER STORAGE - 200 SF

MUSIC ROOM - 1400 SF
 - BAND, CHOIR, THEATER
 OFFICE - 120 SF

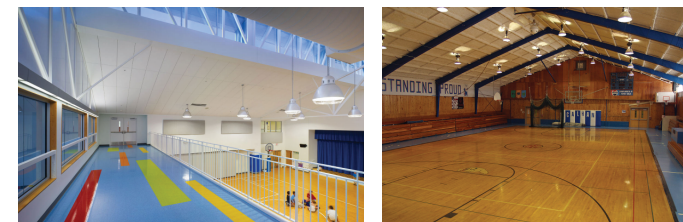
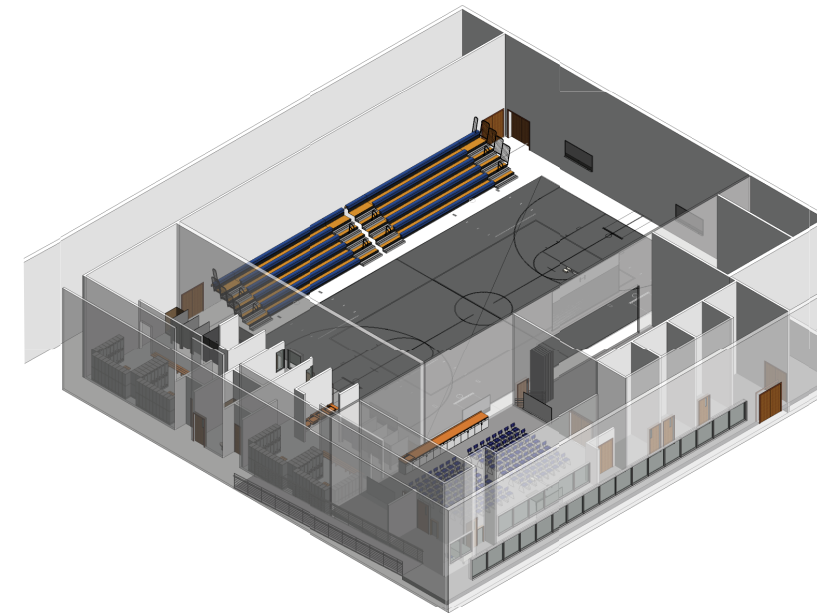
PREFERRED PROGRAM
 STAGE / DANCE - 980 SF

ADJACENCIES:

- CENTRALLY LOCATED
- PARKING
- CONCESSIONS
- RESTROOMS
- STORAGE



BLEACHER SEATING
 ATHLETIC EVENT : 216



GYMNASIUM - ATHLETICS





KELLOGG MIDDLE SCHOOL

PORTLAND PUBLIC SCHOOLS

REQUIRED PROGRAM

- GYMNASIUM - 6800 SF
- (2) STORAGE - 200 SF EA.
- (3) CLUB STORAGE - 80 SF EA.
- (2) LOCKER / RESTROOM - 800 SF EA.
- OFFICE - 120 SF
- SCOPE ADD - CHAIR STORAGE - 200 SF
- SCOPE ADD - THEATER STORAGE - 200 SF

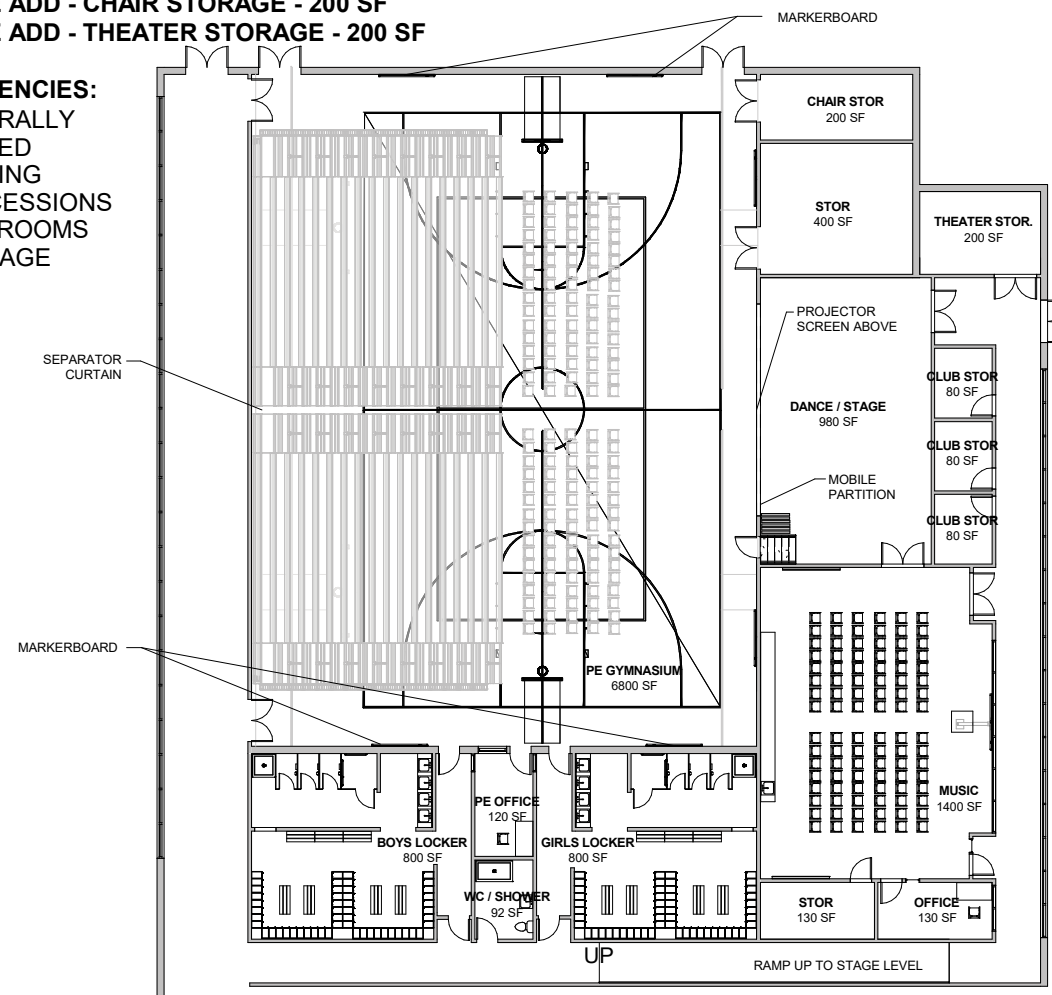
- MUSIC ROOM - 1400 SF
- BAND, CHOIR, THEATER
- OFFICE - 120 SF

PREFERRED PROGRAM

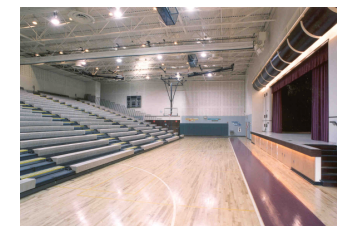
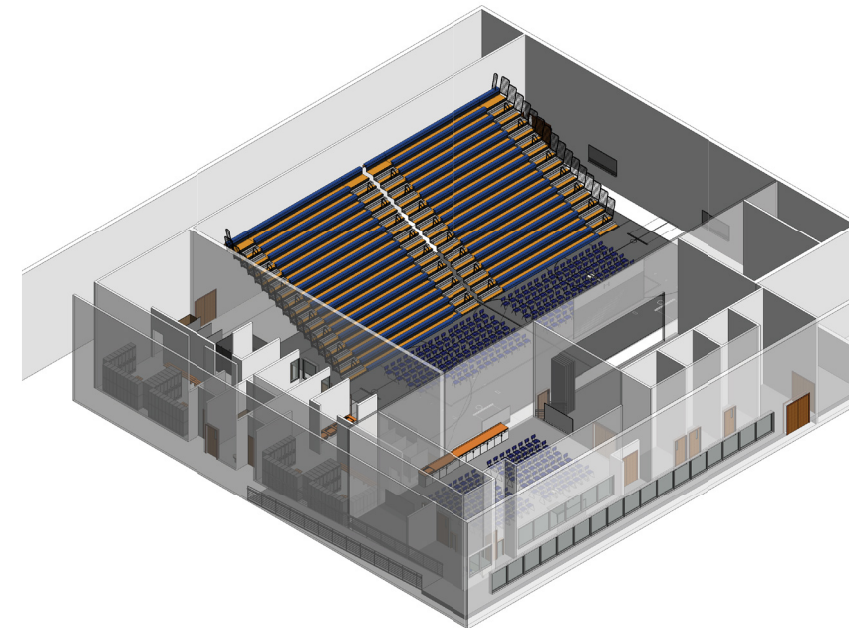
- STAGE / DANCE - 980 SF

ADJACENCIES:

- CENTRALLY LOCATED
- PARKING
- CONCESSIONS
- RESTROOMS
- STORAGE



BLEACHER SEATING
PERFORMANCE : 648 + 162 CHAIRS = 810 CAPACITY



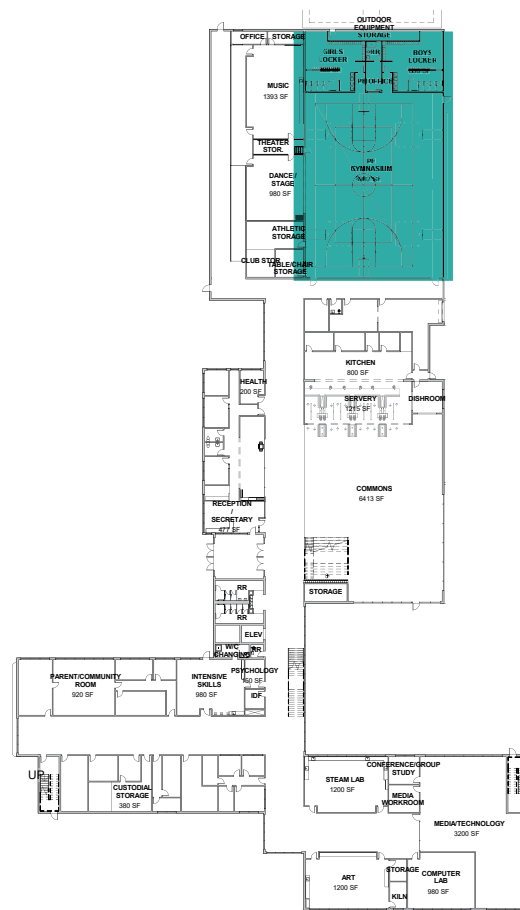
GYMNASIUM - PERFORMANCE



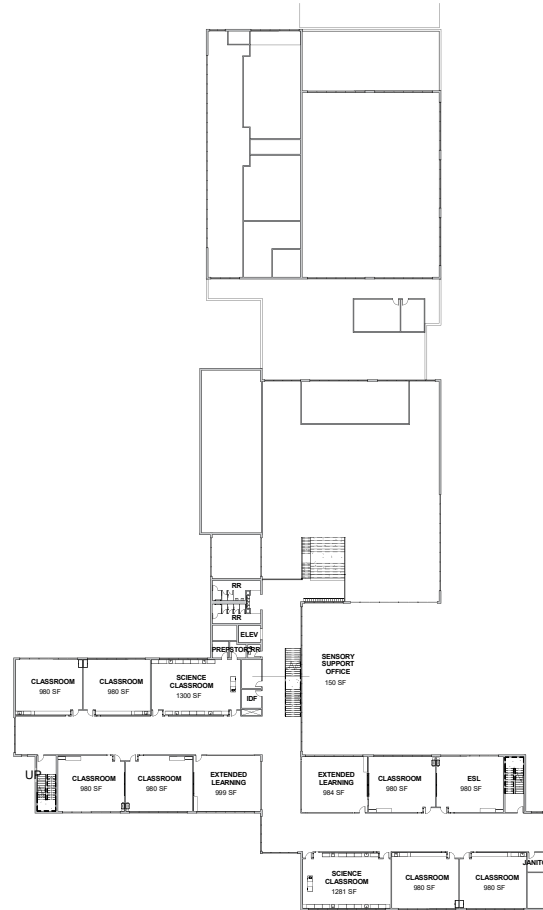


KELLOGG MIDDLE SCHOOL

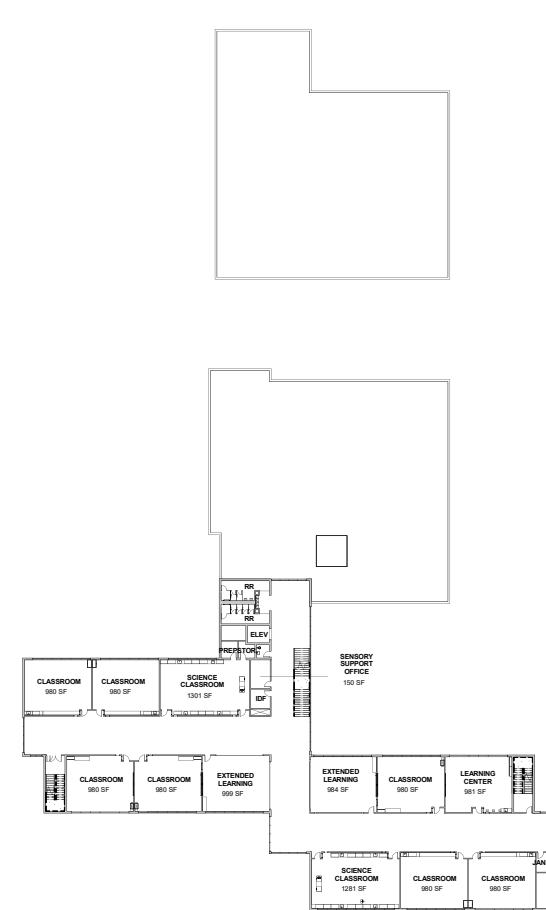
PORTLAND PUBLIC SCHOOLS



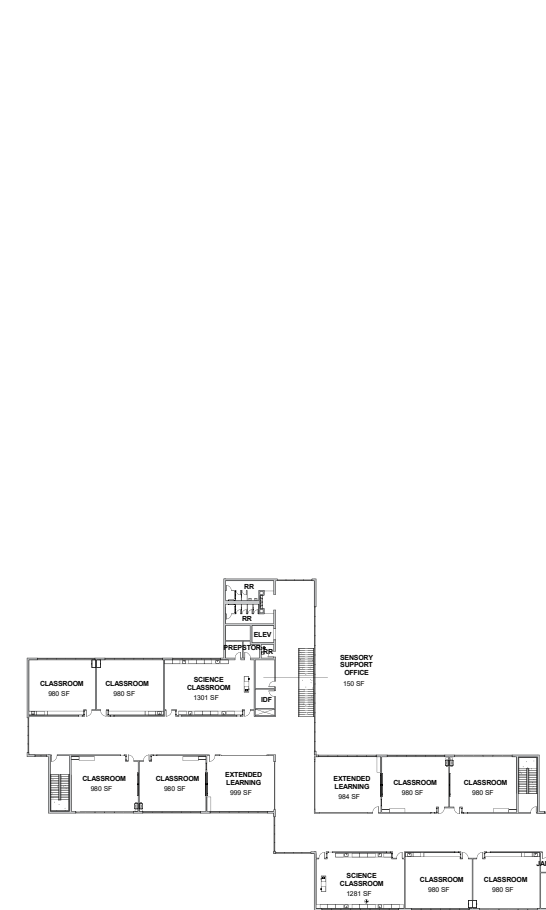
FIRST FLOOR



SECOND FLOOR



THIRD FLOOR



FOURTH FLOOR



GYMNASIUM - ATHLETICS



11/29/17



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SPED - LEARNING CENTER

REQUIRED PREFERRED REMOVED ADDED

Project Name: **KELLOGG MIDDLE SCHOOL** OHP+D Project No: **90031** Date: 11-28-2017
 Diagram attached:

ARCHITECTURAL		COMMUNICATION / SPECIAL SYSTEMS	
CEILING		DATA	yes
CEILING HEIGHT		TELEPHONE	yes
WALL FINISH	veneer plaster over high impact resistant gypsum board; tackable wall surface covering	INTERCOM	intercom with clock
WAINSCOT	yes/durable wall finish	PUBLIC ADDRESS	
BASE		RADIO / ENTERTAINMENT	
FLOOR FINISH	hard surface	CCTV	
SLAB DEPRESSION		EMCS ⁴	
SOUND PROTECTION	STC 55 between classrooms (wall and floor/ceiling), STC 50+ at psych walls, STC 45 to corridor, STC 60 to restrooms, MEP, or stairwells. Doors to have bottom and perimeter seals. Reverberation time 0.6 sec or less. Upgraded ceiling ACT recommended, plus 2 walls with acoustical panels. Background noise from traffic and HVAC NC 30 or less.	SECURITY / DURESS	
DOOR	All doors with relites	NOTES	
WINDOW	min (1) wall with exterior windows, operable		wireless access port
CASEWORK UPPER/LOWER	All casework to have doors. Upper/lower with adjustable shelving; tall cabinets. Lockable storage for staff; Solid Surface countertops		
NOTES			
SPECIAL EQUIPMENT		HVAC	
	(Define the following equipment to be OFOI ¹ , OFCI ² , or CFCl ³)	INSIDE DESIGN CONDITIONS:	
PROJECTION SCREEN		MIN. TOTAL AIR CHANGES / HR	
SMARTBOARD	(1) 4x8 magnetic whiteboard at teaching wall	ROOM AIR BALANCE:	
SMART T.V. / MEDIA WALL		DEDICATED EXHAUST SYSTEM:	
AV EQUIPMENT		OCCUPANCY	
COMPUTERS	laptops/mobile cart	AC LOAD-(EQUIPMENT)	
SPEAKERS		AC LOAD-(LIGHT)	
DVD/VCR		NOTES	
DISTANCE LEARNING			
WINDOW COVERINGS		PLUMBING	
NOTES	tackable wall surfaces portable wall partitions mobile file cabinets, cleanable soft seating one teachers table and chair paper towel/soap dispensers	SINK	(1) in casework
		COLD WATER	
		HOT WATER	
		SANITARY DRAIN	
		EMERGENCY EYE WASH	
		EMERGENCY SHOWER	
		NOTES	
LIGHTING		SECURITY	
LEVELS		HOURS OF USE - DAY	
GENERAL	natural daylight; direct/indirect LED lighting	HOURS OF USE - NIGHT	
TASK		NOTES	
EMERGENCY			
SPECIAL			
NOTES			
POWER			
GENERAL			
EMERGENCY			
NOTES			

¹OFOI - Owner Furnished Owner Installed
²OFCl - Owner Furnished Contractor Installed
³CFCl - Contractor Furnished Contractor Installed
⁴EMCS - Energy Management and Control Systems



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SPED - INTENSIVE SKILLS

REQUIRED PREFERRED REMOVED ADDED

Project Name: **KELLOGG MIDDLE SCHOOL** OHP+D Project No: **90031** Date: 11-28-2017
 Diagram attached:

ARCHITECTURAL		COMMUNICATION / SPECIAL SYSTEMS	
CEILING		DATA	yes
CEILING HEIGHT		TELEPHONE	yes
WALL FINISH	veneer plaster over high impact resistant gypsum board	INTERCOM	intercom with clock
WAINSCOT BASE	yes, durable wall finish	PUBLIC ADDRESS	
FLOOR FINISH	hard surface, carpeted reading area	RADIO / ENTERTAINMENT	
SLAB DEPRESSION		CCTV	
SOUND PROTECTION	STC 55 between classrooms (wall and floor/ceiling), STC 50+ at psych walls, STC 45 to corridor, STC 60 to restrooms, MEP, or stairwells. Doors to have bottom and perimeter seals. Reverberation time 0.6 sec or less. Upgraded ceiling ACT recommended, plus 2 walls with acoustical panels. Background noise from traffic and HVAC NC 30 or less.	EMCS ⁴	
		SECURITY / DURESS	
		NOTES	wireless access port
DOOR	42" doors with automatic openers provided at Intensive Skills room. All doors with relites; door to exterior in Intensive Skills room		
WINDOW	min (1) wall with exterior windows, operable		
CASEWORK UPPER/LOWER	upper/lower with doors and adjustable shelving; tall cabinets. Lockable storage for staff; Solid Surface countertops		
NOTES			
SPECIAL EQUIPMENT		HVAC	
	(Define the following equipment to be OFOI ¹ , OFCI ² , or CFCI ³)	INSIDE DESIGN CONDITIONS:	
PROJECTION SCREEN		MIN. TOTAL AIR CHANGES / HR	
SMARTBOARD	(1) magnetic whiteboard at teaching wall	ROOM AIR BALANCE:	
SMART T.V. / MEDIA WALL		DEDICATED EXHAUST SYSTEM:	
AV EQUIPMENT		OCCUPANCY	
COMPUTERS	laptops/mobile cart	AC LOAD-(EQUIPMENT)	
SPEAKERS		AC LOAD-(LIGHT)	
DVD/VCR		NOTES	
DISTANCE LEARNING			
WINDOW COVERINGS		PLUMBING	
NOTES	tackable wall surfaces portable wall partitions mobile file cabinets, soft seating paper towel/soap dispensers	SINK	(1) in casework
		COLD WATER	
		HOT WATER	
		SANITARY DRAIN	
		EMERGENCY EYE WASH	
		EMERGENCY SHOWER	
		NOTES	
LIGHTING		SECURITY	
LEVELS		HOURS OF USE - DAY	
GENERAL	natural daylight; direct/indirect LED lighting	HOURS OF USE - NIGHT	
TASK		NOTES	
EMERGENCY			
SPECIAL			
NOTES			
POWER			
GENERAL			
EMERGENCY			
NOTES			

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SPECIAL EDUCATION TOILET

REQUIRED PREFERRED REMOVED SCOPE ADD

Project Name: **KELLOGG MIDDLE SCHOOL** OHP+D Project No: **90031** Date: 11-28-2017
 Diagram attached:

ARCHITECTURAL

CEILING	
CEILING HEIGHT	
WALL FINISH	veneer plaster over high impact resistant gypsum board
WAINSCOT	sanitary hard surface wall covering; full height
BASE	
FLOOR FINISH	sanitary hard surface flooring. Consider ease of cleaning
SLAB DEPRESSION	
SOUND PROTECTION	acoustic isolation between rooms
DOOR	
WINDOW	
CASEWORK UPPER/LOWER	
NOTES	

SPECIAL EQUIPMENT
 (Define the following equipment to be OFOI¹, OFCI², or CFCI³)

PROJECTION SCREEN	
SMARTBOARD	
SMART T.V. / MEDIA WALL	
AV EQUIPMENT	
COMPUTERS	
SPEAKERS	
DVD/VCR	
DISTANCE LEARNING	
WINDOW COVERINGS	soap dispensers, paper towel dispensers, toilet paper dispensers, toilet seat cover dispensers, mirrors
NOTES	

LIGHTING

LEVELS	
GENERAL	direct/indirect
TASK	
EMERGENCY	
SPECIAL	
NOTES	

POWER

GENERAL	
EMERGENCY	
NOTES	

COMMUNICATION / SPECIAL SYSTEMS

DATA
TELEPHONE
INTERCOM
PUBLIC ADDRESS
RADIO / ENTERTAINMENT
CCTV
EMCS ⁴
SECURITY / DURESS
NOTES

HVAC

INSIDE DESIGN CONDITIONS:
MIN. TOTAL AIR CHANGES / HR
ROOM AIR BALANCE:
DEDICATED EXHAUST SYSTEM:
OCCUPANCY
AC LOAD-(EQUIPMENT)
AC LOAD-(LIGHT)
NOTES

PLUMBING

SINK	yes
COLD WATER	yes
HOT WATER	yes
SANITARY DRAIN	
EMERGENCY EYE WASH	
EMERGENCY SHOWER	
NOTES	ADA toilet ADA shower

SECURITY

HOURS OF USE - DAY
HOURS OF USE - NIGHT
NOTES

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KELLOGG MIDDLE SCHOOL

PORTLAND PUBLIC SCHOOLS

REQUIRED PROGRAM

LEARNING CENTER - 800 SF

SCOPE ADD 180 SF FOR FUTURE FLEXIBILITY AS GENERAL CLASSROOM

PSYCHOLOGY OFFICE - 150 SF

RESTROOM - 120 SF

PREFERRED PROGRAM

INTENSIVE SKILLS - 980 SF

- TYP. 12 STUDENTS / CLASS
- ADA FIXTURES INCLUDING SINK AND SINK ACCESSORIES
- 4' DOORS WITH OPERATOR
- 3 TEACHER / AIDE DESKS (SPECS REQUIRE 4 TEACHER/AIDS)

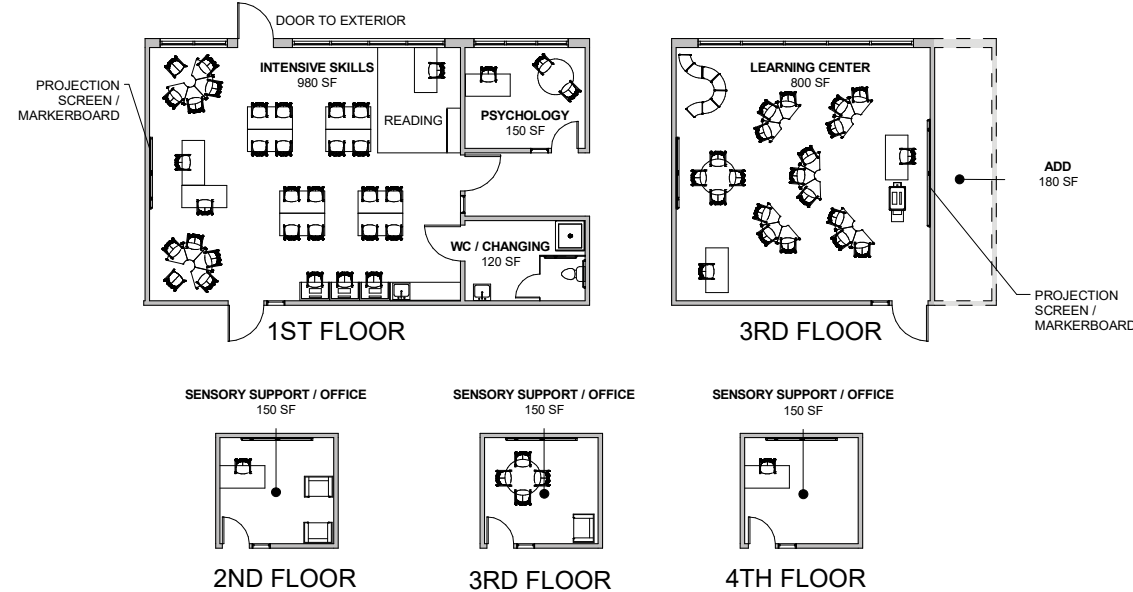
(3) OFFICES / SENSORY SUPPORT - 150 SF EA.

- SCOPE ADD TO INCREASE SIZE OF (3) OFFICES TO 150 SF - 210 SF TOTAL

REQUIRED ADJACENCIES:

- PSYCHOLOGY ADJACENT TO INTENSIVE SKILLS
- OFFICE / SENSORY SUPPORT ROOM ON EACH FLOOR (3 TOTAL)
- LEARNING CENTER TO BE PART OF 3RD FLOOR LEARNING SUITE

NOT INCLUDED - SOCIAL-EMOTIONAL SKILLS CLASSROOM, PER SPECIAL EDUCATION MIDDLE SCHOOL PLANNING DOCUMENT, FALL 2017-18



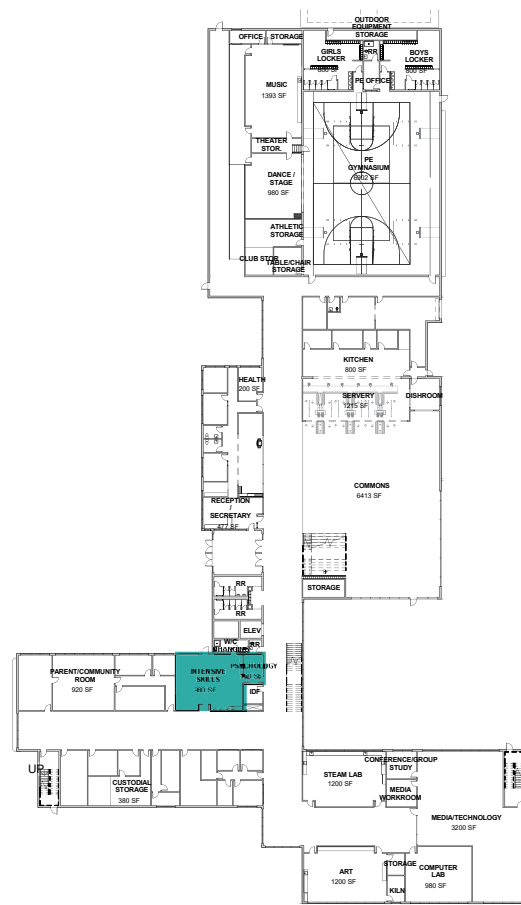
SPECIAL EDUCATION



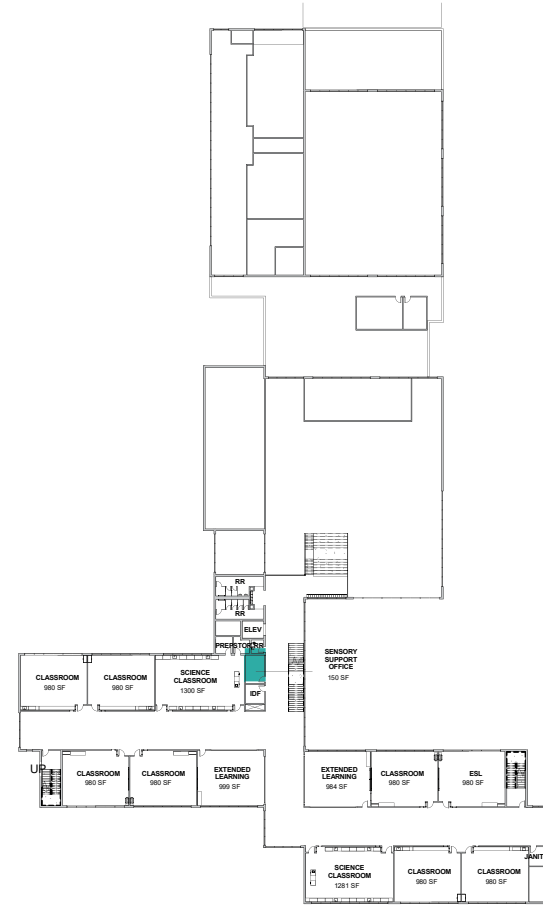


KELLOGG MIDDLE SCHOOL

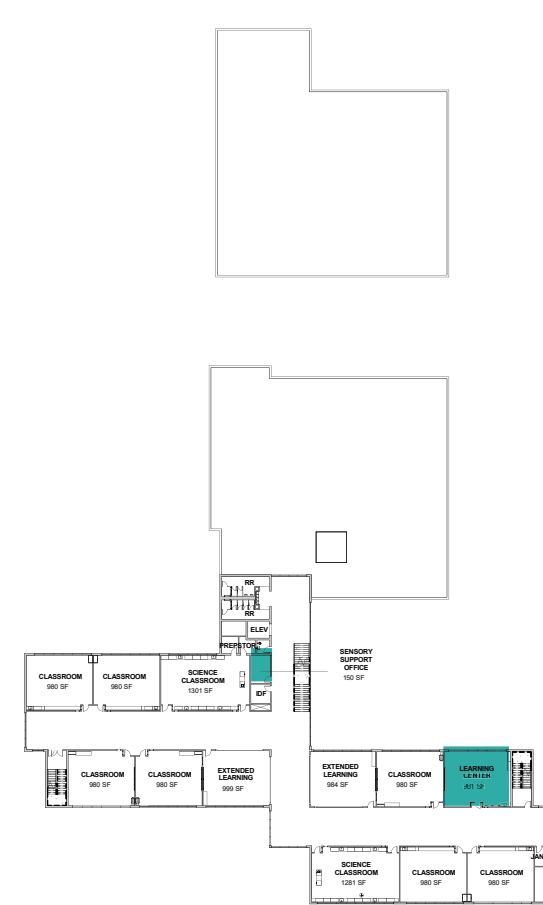
PORTLAND PUBLIC SCHOOLS



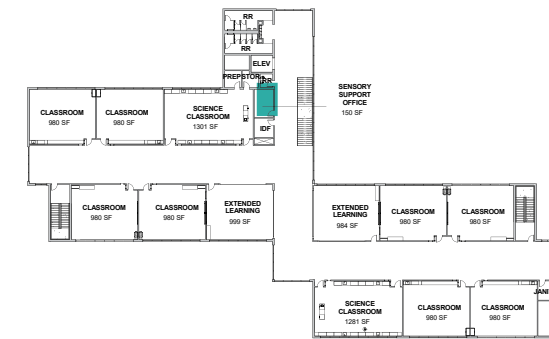
FIRST FLOOR



SECOND FLOOR



THIRD FLOOR



FOURTH FLOOR

SPECIAL EDUCATION





KELLOGG MIDDLE SCHOOL
PORTLAND PUBLIC SCHOOL DISTRICT
02/01/18

END OF DOCUMENT