

# THE NEW NORTHBRIDGE ELEMENTARY SCHOOL

## WHITINSVILLE, MASSACHUSETTS

SCHOOL BUILDING COMMITTEE MEETING

JANUARY 19, 2021



Massachusetts School Building Authority  
Funding Affordable, Sustainable, and Efficient Schools in Partnership with Local Communities



# AGENDA

1. Call to Order
2. Statement regarding Governor Baker's March 10, 2020 Order Suspending Certain Provisions of the Open Meeting Law
3. Attendance
4. Statement of Audio and Video Recording
5. Public Comment

Comments for this meeting may be emailed in advance of the 6:30 p.m. start time to [sbc@nps.org](mailto:sbc@nps.org).

*All comments will be recorded in the record, and all attempts will be made to mention them live during the meeting. Any emails received during the meeting before the public comment period ends will also be attempted to be mentioned.*

6. Approval of Minutes
7. Approval of Invoices and Commitments
8. FF&E Procurement Approval
9. Construction Update
10. New or Old Business
11. Committee Questions
12. Next Meeting: February 16, 2021
13. Adjourn



# FURNITURE, FIXTURES AND EQUIPMENT STATUS UPDATE

- Final selections and quantities are complete
- Color selections have been presented and approved; incorporated into budget
- Budget pricing documents received from vendors
- Full FF&E Budget presentation tonight:
  - Furniture Budgets are set
  - Equipment has not been selected yet, but budgets by category are set

**Seeking a vote for approval to go to bid.**





CATEGORY	FINAL BUDGET
Special Education	\$121,348
Core Academic Spaces	\$732,219
Custodial & Maintenance	\$18,479
Media Center	\$92,102
Circulation (ELAs)	\$17,660
Dining & Food Service	\$107,986
Health & Physical Education	\$11,505
Administration & Guidance	\$57,231
Art & Music	\$55,054
Other Storage	\$1,276
<b>FURNITURE TOTAL</b>	<b>\$1,214,858</b>

# FURNITURE BUDGET - FINAL

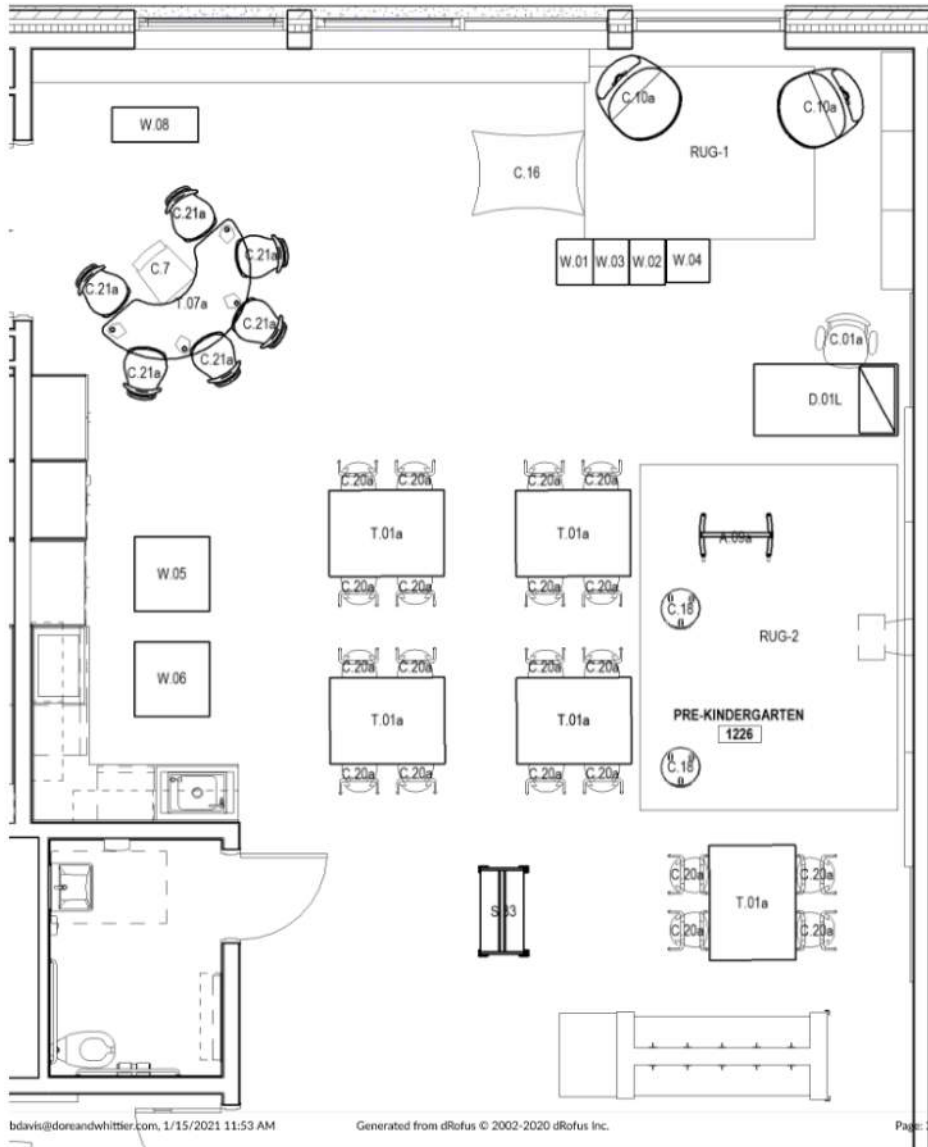


















CATEGORY	%	TARGET BUDGET
General Equipment	28.0%	\$121,280
Kitchen Smallwares	6.5%	\$28,154
Gymnasium Fitness Equipment	4.5%	\$19,491
OT/PT / Adaptive	4.0%	\$17,326
Health Equipment	3.5%	\$15,160
Custodial Equipment	34.5%	\$149,434
Maker Space Equipment	2.5%	\$10,829
Art Equipment	4.0%	\$17,326
Music Equipment	7.5%	\$32,486
Contingency	5.0%	\$21,657
<b>Equipment Total (Final)</b>	<b>100.0%</b>	<b>\$433,142</b>

## FIXTURES AND EQUIPMENT BUDGET

- Equipment selections to be completed with Working Group
- Budget lines based on D+W experience
- Team will manage to these budgets set tonight
- May be some variance between categories as final selections are made





SEATING TYPE	PER RM.	TOTAL	DESK + TABLE TYPES	PER RM.	TOTAL	MISCELLANEOUS	PER RM.	TOTAL
Task Chair w/ Arms	1	9	Teacher Desk - 24"x66"	1	9	Markerboard/Bookstand	1	9
								
B.O.D.: AIS 'Deven'	C.01a		B.O.D.: Haskell - 'Echo' 24" x 60"	D.01		B.O.D.: MooreCo 'Baby Folding Wheelie'	A.09a	
Finish: mesh back, vinyl seat			Finish: HPL top with PVC edge w/ casters			with book ledge + storage below		
Guest Chair w/ Casters	1	9	Rainbow Table - 36"x66"	1	9	Floor Cushions (stack of 10)	2	18
								
B.O.D.: AIS 'Pastor'	C.7		B.O.D.: Smith System	T.07		B.O.D.: Formica 'Lily Pad'	C.18	
Finish: mesh back, vinyl seat			Finish: Laminate top with PVC edge					
Floor Rockers - 4-4th	6	54	Rectangle Table - 36"x48"	5	45	Sink	1	9
								
B.O.D.: Vico 'Zuma'	C.21a		B.O.D.: Smith System	T.01a		B.O.D.: Whitney Brothers	W.03	
Finish: Adobe			Finish: PLAM top with PVC edge + book storage			Refrigerator	1	9
4-leg chairs - 10"	20	180	Dining table	1	9			
								
B.O.D.: Vico 'Zuma' 10"	C.20a		B.O.D.: Whitney Brothers	W.05		B.O.D.: Whitney Brothers	W.02	
Finish: Adobe						wood block cabinet	1	9
play oven	1	9	Sand table	1	9			
								
B.O.D.: Whitney Brothers	W.01		B.O.D.: Whitney Brothers	W.06		B.O.D.: Whitney Brothers	W.08	
Book Truck	1	9	Lounge chair	2	18	Dress Up Mirror/Wardrobe	1	9
								
B.O.D.: Smith System RockTruck	S.33		B.O.D.: Allsteel 'Rock'	C.10a		B.O.D.: Whitney Brothers	W.04	
Storage Shelves								

Room Number: 1226  
Room Group Type: Level  
Group: LEVEL 1  
Responsibility: FURN-Furniture  
Budget Group: FURN-Furniture

Room Name: PRE-KINDERGARTEN  
Function Location: 02 - CORE ACADEMIC SPACES



Categorization	Areas	Groups / Classifications / Status
Room Function Number: 02.008	Programmed 0.00	Level LEVEL 1
Room Number 1226	Actual 0.00	
	Height: 0	
	Perimeter: 0	

Furniture Unique				Quantity		Budget	
Item Number	Item Name	Priority	Responsibility	Gross	Net	Unit price	Net price
E2050.30.174	A.09a - Markerboard Easel - 30w x 54h x 19d w/ storage	0	FURN	1	1	292	292
E2050.30.194	C.01a - Seating - Task Chair - with arms	0	FURN	1	1	331	331
E2050.30.145	C.10a - Seating - Lounge Chair - Upholstered Rocker	0	FURN	2	2	825	1,650
E2050.30.013	C.16 Bean bag large: CPADSM	0	FURN	1	1	173	173
E2050.30.012	C.18 - Seating - Floor Cushions	0	FURN	2	2	983	1,966
E2050.30.181	C.20a - Seating - Student Chair - 10"	0	FURN	20	20	56	1,116
E2050.30.048	C.21a - Seating - Floor Rocker - 15"	0	FURN	6	6	85	508
E2050.30.183	C7 - Seating - Side Chair - No Arms - Medium	0	FURN	1	1	123	123
E2050.30.159	D.01L - Desk - 60" x 30" - LEFT Pedestal	0	FURN	1	1	578	578
E2050.30.010	S.33 - Storage - Book Truck - Metal	0	FURN	1	1	353	353
E2050.30.198	T.01a - Table - Rectangle - 36" x 48" - Modified low leg height	0	FURN	5	5	389	1,944
E2050.30.229	T.07a - Table - Rainbow - Modified Low Leg Height	0	FURN	1	1	430	430
E2050.30.019	W.01 Wood Play Oven	0	FURN	1	1	258	258
E2050.30.017	W.02 Wood play fridge	0	FURN	1	1	274	274
E2050.30.018	W.03 Wood Play Sink	0	FURN	1	1	258	258
E2050.30.016	W.04 Wood play closet	0	FURN	1	1	27	27
E2050.30.015	W.05 Wood Dining Table	0	FURN	1	1	168	168
E2050.30.011	W.06 Wood Sand and Water Table	0	FURN	1	1	688	688
E2050.30.021	W.08 Wood Block Cabinet	0	FURN	1	1	384	384
Sum total				49	49	Ex. TAX: 11,521	11,521
						Incl. TAX:	11,521

# EXAMPLE FURNITURE SELECTION DOCUMENTS - K CLASSROOM



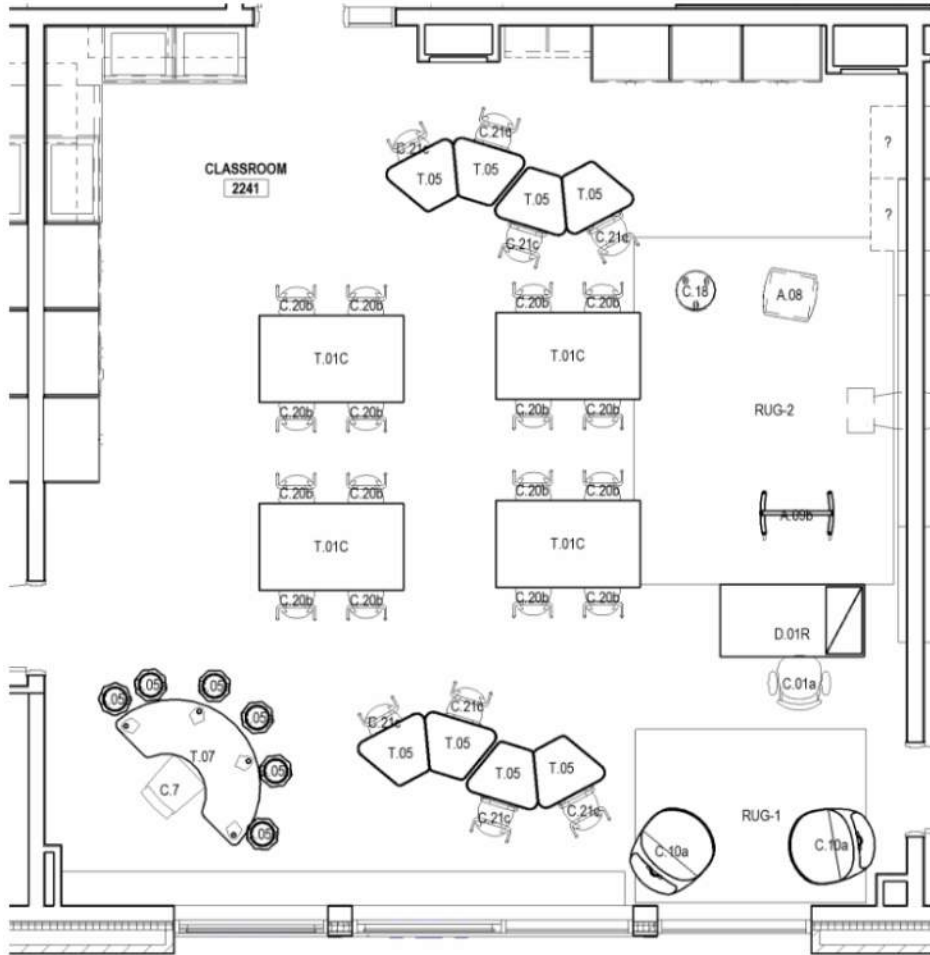


## Items in Rooms

Dore+Whittier

Balmer Elementary School

Room Function Number: 02.044



From Revit - Detail

SEATING TYPE	PER RM.	TOTAL	DESK + TABLE TYPES	PER RM.	TOTAL	MISCELLANEOUS	PER RM.	TOTAL
Task Chair w/ Arms	1	8	Teacher Desk - 24"x66"	1	8	Markerboard Easel	1	8
								
B.O.D.: AIS 'Deven'		C.01a	B.O.D.: Haskell - 'Echo' 24" x 60"		D.01	B.O.D.: MooreCo 'Baby Folding Wheasel'		A.09b
Finish: mesh back, vinyl seat			Finish: HPL top with PVC edge w/ casters			FF		
Guest Chair w/ Casters	1	8	Rainbow Table - 36"x66"	1	8	Floor Cushions (stack of 10)	1	8
								
B.O.D.: AIS 'Paxton'		C.7	B.O.D.: Smith System		T.07	B.O.D.: Formcore 'Lily Pad'		C.18
Finish: mesh back, vinyl seat			Finish: Laminate top with PVC edge					
Wobbly Stools - 15"h	6	48	Rectangle Table - 36"x60"	4	32	Podium	1	8
								
B.O.D.: K1 'Ricochet'		C.05b	<b>Add book storage</b>			B.O.D.: Nora Nivel 'Scaddie'		A.08
Wobbly Stud. Chairs - 15"	16	128	B.O.D.: Smith System		T.01c	18" x 16" w x 40"h		
			Finish: Laminate top with PVC edge			<b>ALTERNATE</b>		
			Trapezoid Desk w/ Storage	8	64			
B.O.D.: Virco 'Zuma'		C.21c	<b>Also available as a 6' Huddle</b>			<b>ALTERNATE - HASKELL 'FLUDON'</b>		
Finish: Adobe			B.O.D.: Smith System 'Planner Huddle 8'		T.05	<b>ALTERNATE</b>		
4-leg Chair - 15"	8	64	Finish: Laminate top with PVC edge					
			Lounge chair	2	16			
B.O.D.: Virco 'Zuma'		C.20c	B.O.D.: Allsteel 'Rock'		C.10a	<b>ALTERNATE - K1 'All Terrain Mobile Lectern'</b>		
Finish: Adobe						<b>Casters w/ Lectern top</b>		



## Items in Rooms

Dore+Whittier

Balmer Elementary School

Room Number: 2241

Room Function Number: 02.044

Room Name: CLASSROOM  
Function Location: 02 - CORE ACADEMIC SPACES



Categorization	Areas	Groups / Classifications / Status
Room Number: 2241	Programmed: 0.00	Level: LEVEL 2
User Room Number	Actual: 0.00	
Name on Drawing: CLASSROOM	Height: 0	
	Perimeter: 0	

## Furniture Unique

Item Number	Item Name	Priority	Responsibility	Quantity		Budget	
				Gross	Net	Unit price	Net price
E2050.30.012	C.18 - Seating - Floor Cushions	0	FURN	1	1	983	983
E2050.30.089	D.01R - Desk - 60" x 30" - RIGHT Pedestal	0	FURN	1	1	578	578
E2050.30.096	C.05a - Seating - Stool - Wobble - 12"	0	FURN	6	6	83	498
E2050.30.132	C.20b - Seating - Student Chair - 13"	0	FURN	16	16	63	1,002
E2050.30.145	C.10a - Seating - Lounge Chair - Upholstered Rocker	0	FURN	2	2	825	1,650
E2050.30.183	C7 - Seating - Side Chair - No Arms - Medium	0	FURN	1	1	123	123
E2050.30.194	C.01a - Seating - Task Chair - with arms	0	FURN	1	1	331	331
E2050.30.199	T.01c - Table - Rectangle - 36" x 60" - w/ storage	0	FURN	4	4	520	2,078
E2050.30.200	C.21c - Seating - Student Chair - Rocker Base - 15"	0	FURN	8	8	117	937
E2050.30.208	A.08 - Miscellaneous - Lectern - w/ storage	0	FURN	1	1	1,195	1,195
E2050.30.232	T.07 - Table - Rainbow - 36" x 72" - glides	0	FURN	1	1	396	396
E2050.30.251	T.05 - Table - Trapezoid - w/ Storage - Glides	0	FURN	8	8	187	1,498
E2050.30.256	A.09b - Miscellaneous - Markerboard Easel - 30w x 54h x 19d - no storage	0	FURN	1	1	292	292
E2050.30.267	S.09 SHELIVING 12 5/8"W x 48"W	0	FURN	1	1	417	417
E2050.30.268	S.08 SHELIVING 12.5"W x 36"W	0	FURN	1	1	417	417
Sum total				53	53	Ex. TAX: 12,395	12,395
						Incl. TAX: 12,395	

# EXAMPLE FURNITURE SELECTION DOCUMENTS - GRADE 2 CR



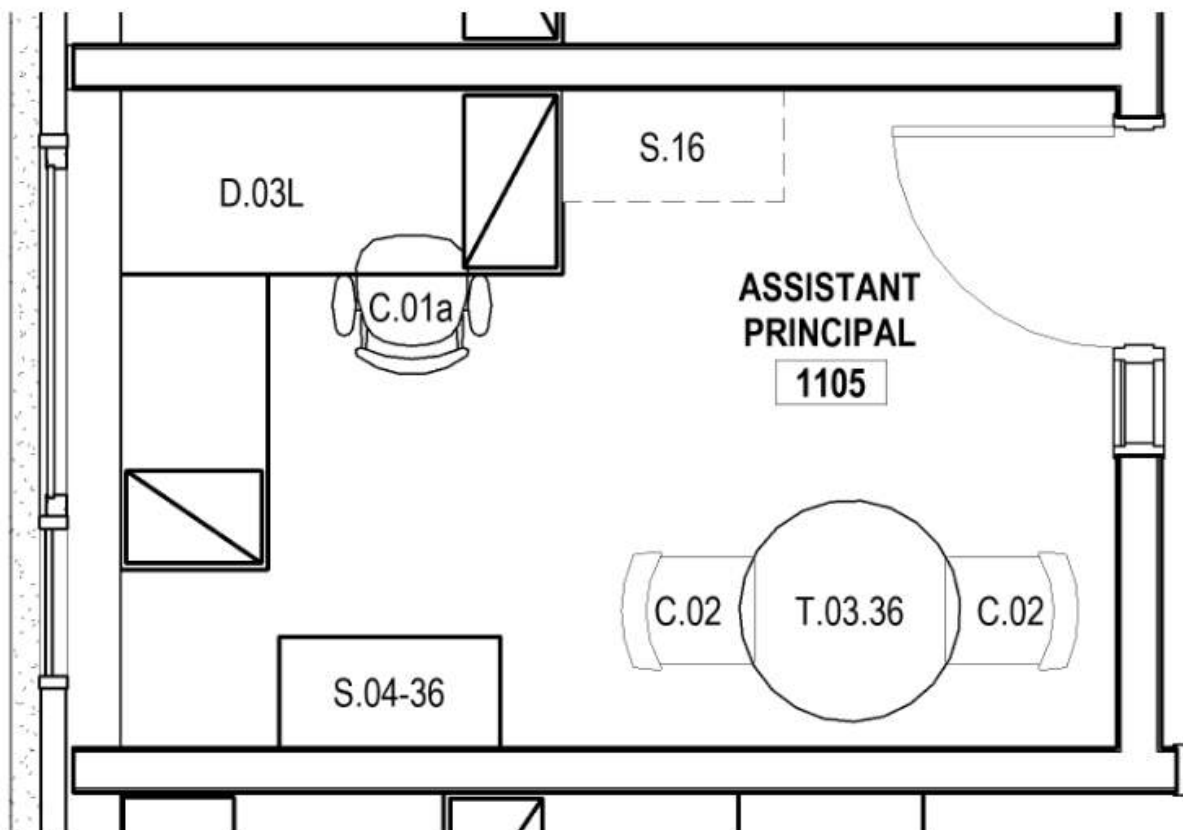




## Items in Rooms

**Dore+Whittier**  
Balmer Elementary School

Room Function Number: 09.005



From Revit - Detail



## Items in Rooms

**Dore+Whittier**  
Balmer Elementary School

Room Function Number: 09.005

Room Name: ASSISTANT PRINCIPAL  
Function Location: 09 - ADMINISTRATION & GUIDANCE



Category	Areas	Groups / Classifications / Status
Room Number	1105	Level
User Room Number		LEVEL 1
Programmed	120.00	
Actual	0.00	
Height:	0	
Perimeter:	0	

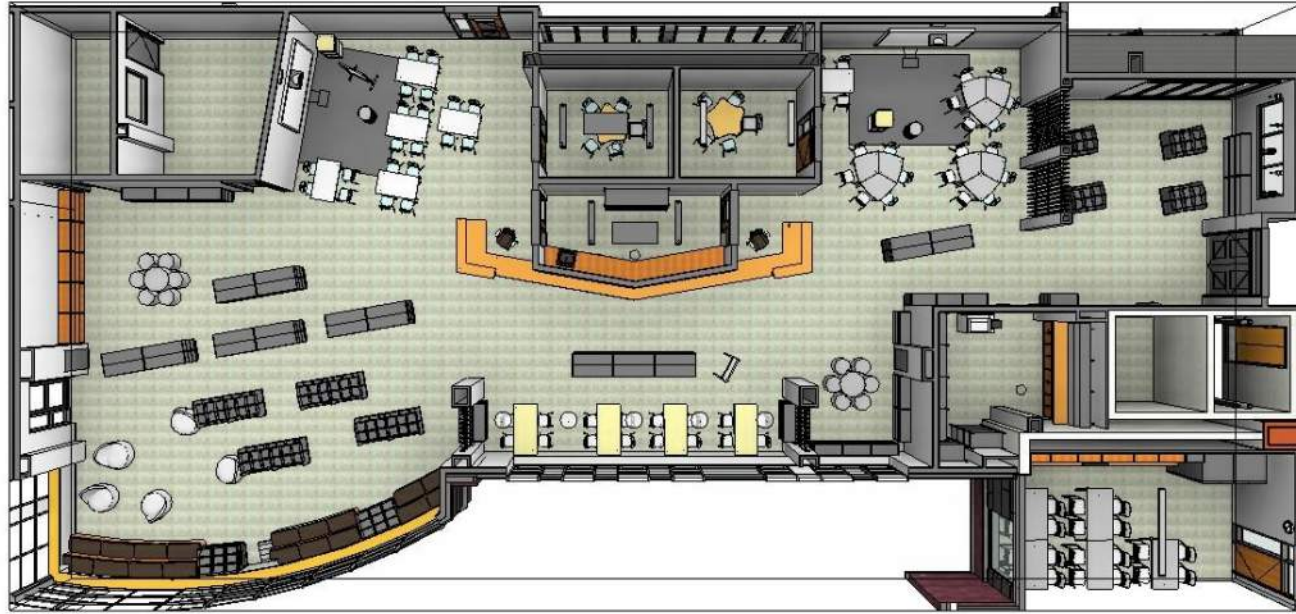
## Furniture Unique

Item Number	Item Name	Priority	Responsibility	Quantity		Budget	
				Gross	Net	Unit price	Net price
E2050.30.066	S.04-36 - 4 Drawers/1 Lift Up Door Fixed Shelf - 18" D x 36" W	0	FURN	1	1	500	500
E2050.30.152	C.02 -Furniture-Chair- AIS Paxton w/ casters	0	FURN	2	2	148	296
E2050.30.194	C.01a - Seating - Task Chair - with arms	0	FURN	1	1	331	331
E2050.30.202	S.16 - Storage - Bookcase - 36"w x 60"h - Metal	0	FURN	1	1	181	181
E2050.30.203	D.03L - Desk - Left Return	0	FURN	1	1	1,175	1,175
E2050.30.235	T.03.36 - Table - Round - 36" dia	0	FURN	1	1	427	427
Sum total				7	7	Ex. TAX:	2,911
						Incl. TAX:	2,911

**EXAMPLE FURNITURE SELECTION  
DOCUMENTS – ADMIN OFFICE**







**NORTHBRIDGE ES**  
LIBRARY | MEDIA CENTER

**Dore+Whittier**  
Balmer Elementary School

Room function: 04: MEDIA CENTER  
Section:: A - State Contract/MHEC

Room Number 1205

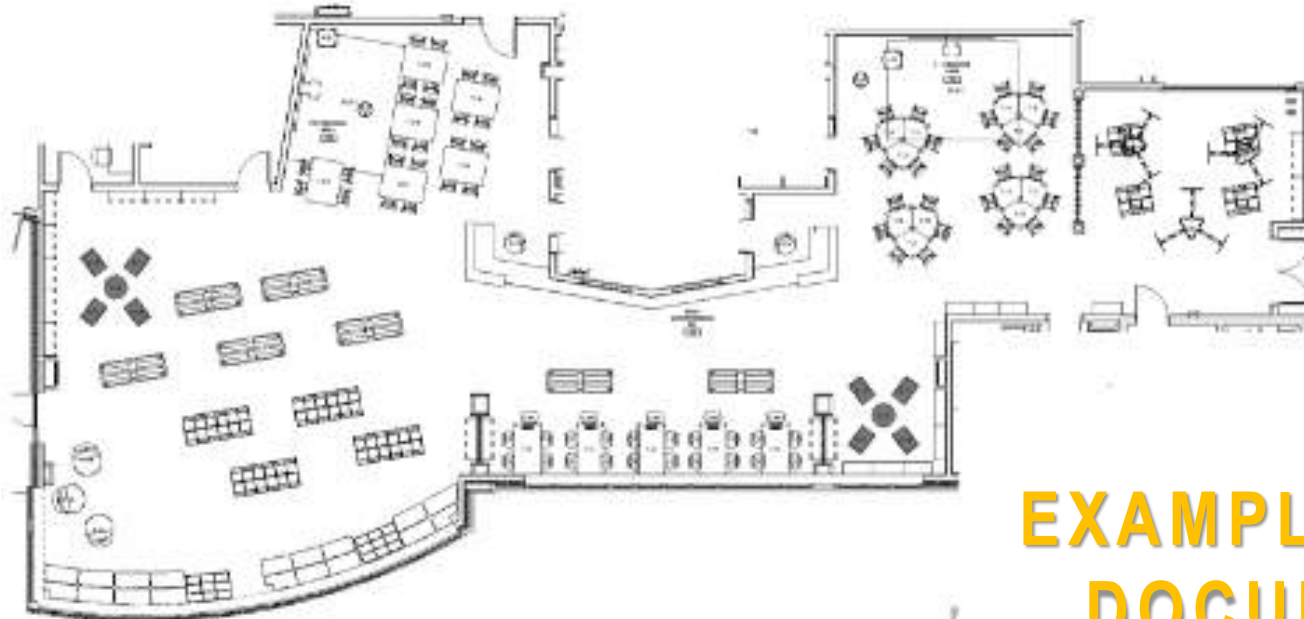
Room Name MEDIA CENTER/READING RM.  
Function Location: 04 - MEDIA CENTER  
Room Data Status Unique  
Last modified Davis, Berglind, 12/6/2020 6:10 PM



Categorization	Areas	Groups / Classifications / Status	
Room Function Number: 04.010	Programmed 3,225.00	Level	LEVEL 1
User Room Number	Actual 0.00		
	Height: 0		
	Perimeter: 0		

#### Furniture Unique

Item Number	Item Name	Priority	Responsibility	Quantity		Budget	
				Gross	Net	Unit price	Net price
E2050.30.124	C.17 Soft Rocker	0	FURN	4	4	433	1,734
E2050.30.125	C.12 Soft Ottoman	0	FURN	2	2	402	805
E2050.30.126	S.37 - Storage - Display - Pinwheel	0	FURN	9	9	3,593	32,340
E2050.30.128	S.36 STORAGE BOOKCASE DOUBLE SIDED	0	FURN	7	7	1,795	12,562
E2050.30.130	C.17b Soft Rocker 2	0	FURN	4	4	433	1,734
E2050.30.145	C.10a - Seating - Lounge Chair - Upholstered Rocker	0	FURN	3	3	825	2,475
E2050.30.161	T.16 - Table - Rectangle - 30" x 54" - 2 Wheel	0	FURN	5	5	730	3,650
E2050.30.162	C.06 - Stool - Counter height - no back	0	FURN	20	20	131	2,620
E2050.30.181	C.20a - Seating - Student Chair - 10"	0	FURN	12	12	56	670
E2050.30.194	C.01a - Seating - Task Chair - with arms	0	FURN	2	2	331	662
E2050.30.198	T.01a - Table - Rectangle - 36" x 48" - Modified low leg height	0	FURN	4	4	389	1,555
E2050.30.246	T.13 - Table - Diamond - no storage	0	FURN	7	7	278	1,944
E2050.30.252	C.05e - Seating - Rocker Board	0	FURN	1	1	265	265



From Revit - Detail

# EXAMPLE FURNITURE SELECTION DOCUMENTS – MEDIA CENTER



# **FURNITURE, FIXTURES AND EQUIPMENT BUDGET SUMMARY**

<b>Furniture Budget (Final)</b>	<b>\$1,214,858</b>	<b>73.7%</b>
<b><u>Equipment Budget (Final)</u></b>	<b><u>\$433,142</u></b>	<b><u>26.3%</u></b>
<b>TOTAL FF&amp;E BUDGET</b>	<b>\$1,648,000</b>	

**Seeking a vote for approval to go to bid for FURNITURE.**



TECHNOLOGY BUDGET SUMMARY		
Equipment Category	Budget	Description
<b>Network Core Equipment</b>		
Backup Domain Controller	\$ 50,000.00	Including all hardware, installation and configuration.
Network Switches	In Base Construction Contract	Dual 40Gb to Core.
Telephone System	\$ 45,000.00	Reuse Existing Phone System
Internet Service Line	\$ 20,000.00	For providing Fiber to the building
Wireless	In Base Construction Contract	Aerohive AP650 with ac technology
	<b>\$ 115,000.00</b>	
<b>Computers</b>		
Teacher LT Computer	\$ 89,375.00	65 Latitude 5410 BTX Base 201-AVCH (\$1375)
Admin LT Computer	\$ 31,625.00	23 Latitude 5410 BTX Base 201-AVCH (\$1375)
Admin DT Computer	\$ 4,746.60	6 Dell Optiplex 3080 SFF XCTO - 210-AVPR (\$791.10)
Admin Docking and Monitors	\$ 2,414.38	Admin Docking Station with 27" display(E2720H+210-ARIO WD10 Dock)
Student LT/DT Computer	\$ -	0 Student DT/LT at \$1000/ea
Teacher Chromebooks	\$ 39,345.68	88 14" Teacher Chromebooks
Teacher iPad	\$ 1,511.80	4 Apple iPad with AC and Cover
<b>Student Chromebooks - 1st Phase</b>	<b>\$ 134,775.30</b>	<b>330 HP Chrome 14" G5 +GMC+Warranty+Setup</b>
<b>Student Chromebook Carts - 1st Phase</b>	<b>\$ 15,607.24</b>	<b>11 Bretford Charging Cart - Northbridge Standard</b>
Student Chromebooks	\$ 441,744.68	988 HP Chrome 14" G5 +GMC+Warranty+Setup
Student Chromebook Carts	\$ 52,497.08	37 Bretford Charging Cart - Northbridge Standard
Student iPads	\$ 152,691.80	404 Apple iPad with AC and Cover
Student iPad Carts	\$ 7,280.00	4 Bretford Charging Cart for iPads including install
Small Charging Cabinets	\$ 2,361.05	5 Kennsigton AC Lock and Charge
	<b>\$ 975,975.61</b>	
<b>Printers</b>		
Printers - Various	\$ 7,025.00	Various
	<b>\$ 7,025.00</b>	
<b>Audio and Video Equipment</b>		
Projectors	\$ 283,373.00	79 Epson 1480Fi with cabling and install
Document Camera	\$ 21,525.00	75 Aver doc cam installed
Admin Flat Panels	\$ 12,800.00	4 65" Flat panel displays with cabling and install
Classroom IFP on Cart	\$ 242,173.51	67 Clear Touch, Promethean or other on mobile stand
Colaboration Room IFP	\$ 41,176.24	7 Wall mounted Clear Touch, Promethean or other with Chromebox
Portable Projection System- Gym	\$ 23,000.00	1 Epson L1750 on a cart
Portable Teacher's Projection Cart	\$ 3,000.00	1 Epson ultra short throw on Cart
	<b>\$ 627,047.75</b>	
<b>Other</b>		
Green Room and AV equipment	\$ 20,000.00	Video editing and recording equipment
Maker Space	\$ 10,000.00	Two 3D Printers
	<b>\$ 30,000.00</b>	
<b>Contingency</b>		
	\$ 20,000.00	
	<b>\$ 20,000.00</b>	
<b>Sub Total</b>	<b>\$ 1,775,048.36</b>	
<b>Total</b>	<b>\$ 1,775,048.36</b>	
<b>Total Budget</b>	<b>\$ 1,854,000.00</b>	
<b>Over/Under</b>	<b>\$ 78,951.64</b>	
<b>Funds Remaining</b>	<b>\$ 98,951.64</b>	

# TECHNOLOGY BUDGET SUMMARY UPDATE

	Estimated based on Similar
	Based on Preliminary Pricing
	Purchased

<b>Total Programmed</b>	<b>\$1,775,048.36</b>
<b>Total Budget</b>	<b>\$1,854,000.00</b>
<b>Over/Under</b>	<b>\$78,951.64</b>
<b>Contingency</b>	<b>\$20,000.00</b>
<b>Funds Remaining</b>	<b>\$98,951.64</b>

**Seeking a vote for approval to go to bid  
for the balance of TECHNOLOGY.**



# CONSTRUCTION UPDATE



**FONTAINE BROS., INC.**

CONSTRUCTION MANAGERS  
GENERAL CONTRACTORS





# CONSTRUCTION UPDATE



Aerial images, 1/15/21



# CONSTRUCTION UPDATE



Aerial images, 1/15/21



# CONSTRUCTION UPDATE



Aerial images, 1/15/21



# CONSTRUCTION UPDATE



Aerial images, 1/15/21



# CONSTRUCTION UPDATE



Aerial images, 1/15/21



# CONSTRUCTION UPDATE



Greengirt/ insulation for  
phenolic panel system  
completed



# CONSTRUCTION UPDATE



- “Storefront,” window, and curtain wall glazing installations making progress
- Phenolic panel installation underway
- Roofing metal going up





# CONSTRUCTION UPDATE



Phenolic panel detail view



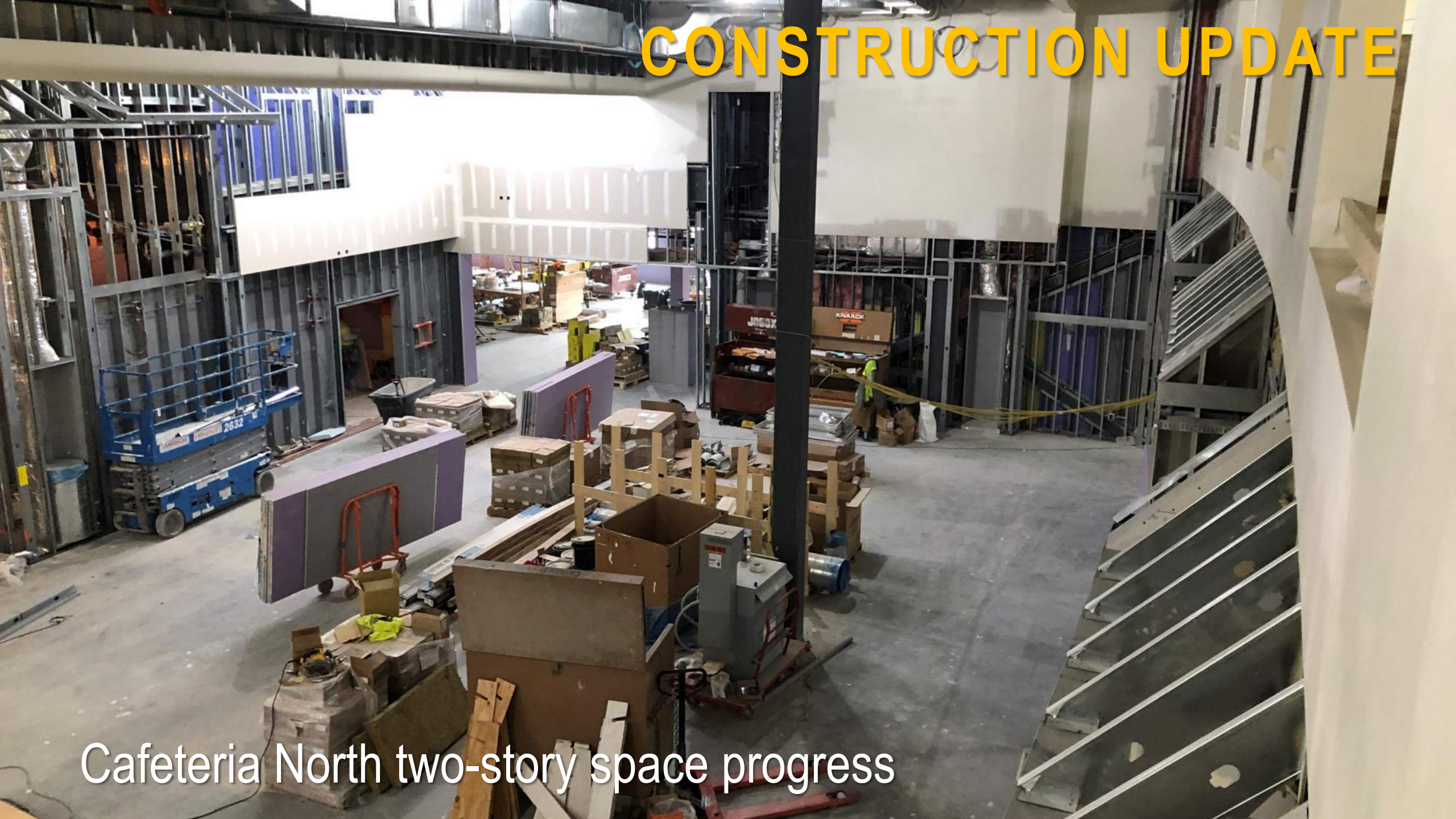
# CONSTRUCTION UPDATE

Gymnasium finishing progress





# CONSTRUCTION UPDATE



Cafeteria North two-story space progress



# CONSTRUCTION UPDATE



View looking up into the Lightwell, Media Center

# CONSTRUCTION UPDATE

Quarry Tile Progress at Kitchen





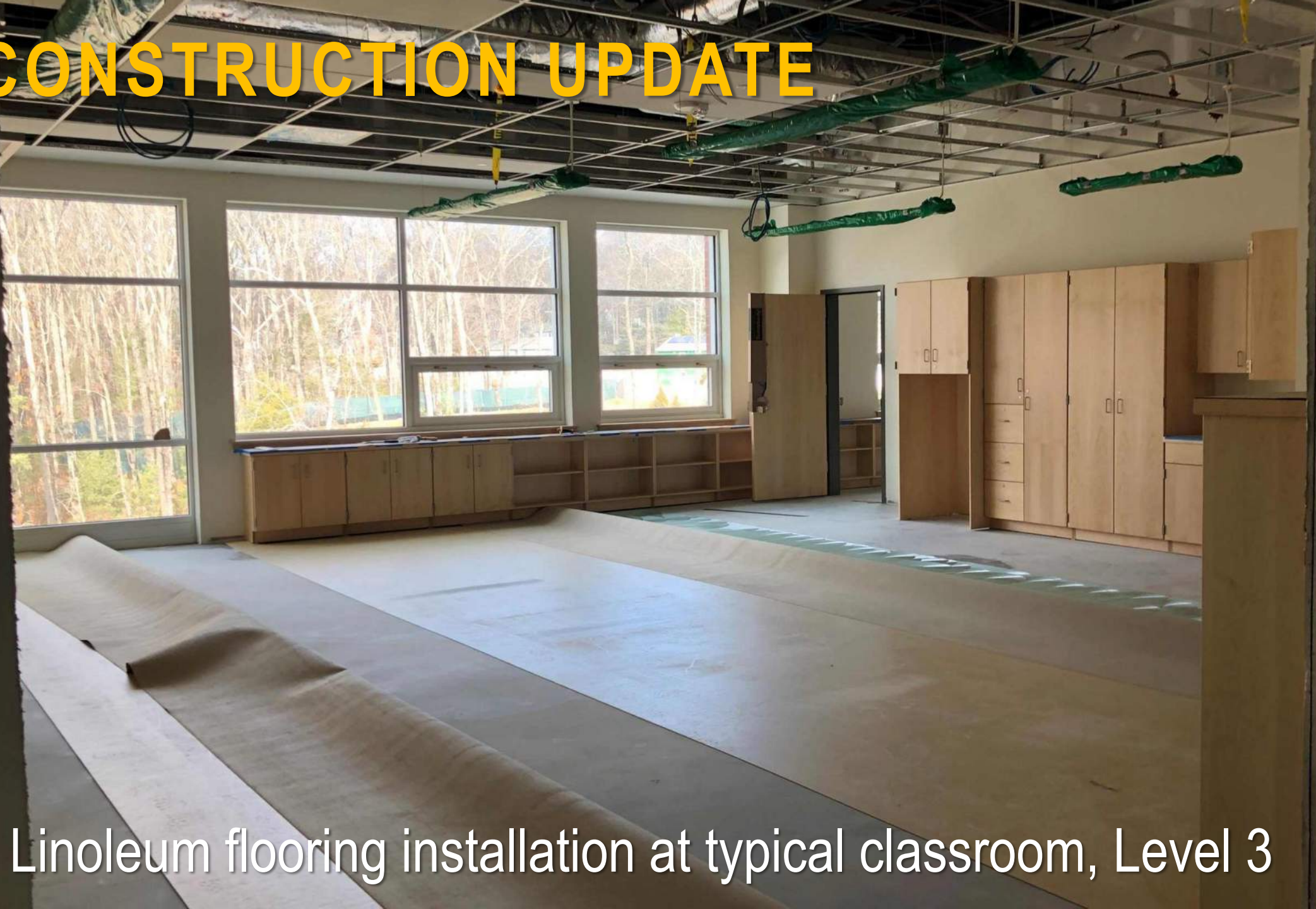


# CONSTRUCTION UPDATE

Interior Progress at ELA, C-Wing Level 3



# CONSTRUCTION UPDATE



Linoleum flooring installation at typical classroom, Level 3

# CONSTRUCTION UPDATE



Typical classroom  
casework installation,  
Level 3





# CONSTRUCTION UPDATE

Interior Progress at ELA, C-Wing Level 3





# QUESTION AND ANSWER

