



Manchester Public Schools

Phase 2 – Buckley

August 10, 2020 Building Committee Meeting



TSKP ARCHITECTURE | PLANNING | INTERIORS
STUDIO

Buckley | Participants

Randall Luther	TSKP STUDIO
Garrett Lord	TSKP STUDIO
Yifei Li	TSKP STUDIO
Brian Turner	CMTA
Tony Hans	CMTA

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ACTIVITY REPORT

- An estimate reconciliation with O&G and the design team occurred on August 4th.
- A presentation to the BoE occurred on July 13th.
- A Design Development estimate package was issued to O&G on July 8th.

PROJECT SCHEDULE

- An IT/Security meeting is scheduled with BOE staff on August 12th.
- A kitchen meeting is scheduled with BOE staff on August 14th.
- A Design Development Review (DDR) is anticipated for August/September
- Submission to P&Z is anticipated for acceptance at the September 9th meeting.

ISSUES/CONCERNS

- None at this time.

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CHiPs Scorecard

X	?	Section	Summary Description	Responsible Party
Mandatory Requirements				
X		16a-38k-3(a)	Building Commissioning.	Cx
X		16a-38k-3(b)	Integrated Design Process: A collaborative session with the entire design team, commissioning agent, and Owner is required.	Owner A/E Cx PMF
X		16a-38k-3(c)	Base Energy Performance 21% Better Than Code.	A/E
X		16a-38k-3(d)	ENERGY STAR Products: All equipment specified must be ENERGY STAR compliant if such a rating is available.	A/E
X		16a-38k-3(e)	Indoor Air Quality Management Plan: An IAQ plan is required.	PMF
X		16a-38k-3(f)	Water Efficiency: Low flow fixtures are required to achieve 20% water usage reduction.	A/E
X		16a-38k-3(g)	Recycling of Materials: Space must be provided for recycling containers.	A/E
X		16a-38k-3(h)	Erosion and Sedimentation Control: Erosion and sediment control must be provided per CGS.	A/E
X		16a-38k-3(i)	No Smoking Policy: A "No Smoking " policy for the entire property is required.	Owner
X		16a-38k-3(j)	Integrated Pest Management Plan: An IPM is required for the entire site.	Owner
X		16a-38k-3(k)	CFC Refrigerant Ban or Phase-out Plan: CFC based refrigerants cannot be used.	A/E
X		16a-38k-3(l)	Minimum Ventilation: The building must be designed to exceed current ASHRAE Standard 62.1.	A/E
X		16a-38k-5(a)	Acoustical Standards: All new classrooms must be designed to meet section 10-285g of the CGS.	A/E
X		16a-38k-5(b)	Properly Locate Outside Air Intakes: Outside air intakes must be located more than 25' from contaminants.	A/E
X		16a-38k-5(c)	Electronic Ignition on Natural Gas Equipment: Electronic ignitions must be specified for all gas-fired appliances.	A/E
X		16a-38k-5(d)	Use of Low VOC Products: Low VOC materials must be specified for adhesives and sealants, acoustic ceiling tiles, interior paints, carpet systems and adhesives, wood flooring, and resilient flooring and adhesives.	A/E
X		16a-38k-5(e)	Environmental Site Assessment: A Phase I environmental site assessment is required.	Owner
X		16a-38k-5(f)	HEPA Vacuuming: HEPA vacuuming must be specified in the IAQ plan.	PMF

Building Standard Options		
At least one measure in subsection (a) must be selected		
X	16a-38k-6(a)(1)	Energy Performance 24.5% Better Than Code
X	16a-38k-6(a)(2)	Energy Performance 28% Better Than Code
X	16a-38k-6(a)(3)	Energy Performance 31.5% Better Than Code
X	16a-38k-6(a)(4)	Energy Performance 35% Better Than Code
X	16a-38k-6(a)(5)	Energy Performance 38.5% Better Than Code
X	16a-38k-6(a)(6)	Energy Performance 42% Better Than Code
X	16a-38k-6(a)(7)	On-Site Renewable Energy - 3%
X	16a-38k-6(a)(8)	On-Site Renewable Energy - 7%
X	16a-38k-6(a)(9)	On-Site Renewable Energy - 10%
X	16a-38k-6(a)(10)	Purchase Renewable Energy
X	16a-38k-6(a)(11)	Energy Measurement and Verification Plan
At least two measures in subsection (b) must be selected		
X	16a-38k-6(b)(1)	Install Permanent Indoor Air Monitoring Systems
	16a-38k-6(b)(2)	Provide Increased Outdoor Ventilation
	16a-38k-6(b)(3)	Building Flushout
X	16a-38k-6(b)(4)	Composite Wood and Agrifiber Products
X	16a-38k-6(b)(5)	Individual Lighting Control
X	16a-38k-6(b)(6)	Individual Thermal Comfort Control
?	16a-38k-6(b)(7)	Building Occupant Survey
?	16a-38k-6(b)(8)	Daylight Contribution
X	16a-38k-6(b)(9)	Visual Glazing - Views to the Outdoor Environment
?	16a-38k-6(b)(10)	Ongoing IAQ plan
X	16a-38k-6(b)(11)	Low VOC Furniture
X	16a-38k-6(b)(12)	Isolation of Chemical Use Areas
	16a-38k-6(b)(13)	Building Design to Control Entry of Pollutants
At least one measure in subsection (c) must be selected		
X	16a-38k-6(c)(1)	Reduce Total Potable Water Usage by 30%
X	16a-38k-6(c)(2)	Reduce Water Consumption for Landscaping 50%
X	16a-38k-6(c)(3)	Eliminate Potable Water Usage for Landscaping
	16a-38k-6(c)(4)	Reduce Total Potable Water Usage by 50%
At least two measures in subsection (d) must be selected		
X	16a-38k-6(d)(1)	Maintain 75% of an Existing Building Structure
X	16a-38k-6(d)(2)	Maintain 95% of an Existing Building Structure
	16a-38k-6(d)(3)	Re-use Existing Non-Structural Building Elements
X	16a-38k-6(d)(4)	Recycle or Salvage 50% of Construction and Demolition Debris
X	16a-38k-6(d)(5)	Recycle or Salvage 75% of Construction and Demolition Debris
	16a-38k-6(d)(6)	Use 5% Refurbished, Salvaged, or Reused Materials
	16a-38k-6(d)(7)	Use 10% Refurbished, Salvaged, or Reused Materials
X	16a-38k-6(d)(8)	Use 10% Recycled Content Materials
	16a-38k-6(d)(9)	Use 20% Recycled Content Materials
?	16a-38k-6(d)(10)	Use 10% Local Materials
	16a-38k-6(d)(11)	Use 20% Local Materials
	16a-38k-6(d)(12)	Use Building Materials Made from Short Harvest Cycle Plants
?	16a-38k-6(d)(13)	Use Forest Stewardship Council (FSC) Certified Wood Products

At least two measures in subsection (e) must be selected		
X	16a-38k-6(e)(1)	Re-develop a Local Site
?	16a-38k-6(e)(2)	Select a Site with Public Transportation Access
	16a-38k-6(e)(3)	Encourage Bicycle Transportation
X	16a-38k-6(e)(4)	Encourage Low-Emission Vehicle Use with Preferred Parking
	16a-38k-6(e)(5)	Encourage Car and Van pooling
	16a-38k-6(e)(6)	Protect Natural Areas at the Construction Site
	16a-38k-6(e)(7)	Maximize Open Space
?	16a-38k-6(e)(8)	Implement a Stormwater Management Plan Reducing Run-off by 25%
X	16a-38k-6(e)(9)	Implement a Stormwater Management Plan That Treats 90% of Annual Rainfall
	16a-38k-6(e)(10)	Reduce Heat Island Effect Through Landscaping Strategies
	16a-38k-6(e)(11)	Select Roofing Materials to Reduce Heat Island Effect
X	16a-38k-6(e)(12)	Reduce Outdoor Light Pollution
X	16a-38k-6(e)(13)	Orient Building for Daylighting and Energy Performance
X	16a-38k-6(e)(14)	No Building in Floodplain and Sustainable Site Development
X	16a-38k-6(e)(15)	Site Building away from External Sources of Excessive Noise
No Minimum requirement for measures in subsection (f)		
	16a-38k-6(f)(1)	Eliminate the use of CFCs, HCFCs and Halons
X	16a-38k-6(f)(2)	Building Innovation
	16a-38k-6(f)(3)	Integrate sustainable features with school curriculum
Total Building Standard Optional Strategies (28 Needed for Compliance)		
33		Probable
8		Possible



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