

FOX HILL ELEMENTARY SCHOOL SITE - 325 STUDENTS						
	Option 1 Code Upgrades/Repairs Only 325 students	Option 2 Addition/Renovation 325 students	Option 3A Demo/New Constn 325 Students	Option 3B Demo/New Constn 325 Students	Option 3C Demo/New Constn 325 Students	Option 3D Demo/New Constn 325 Students
	64,400 GSF	101,400 GSF (53,800 SF total footprint) (Demo: 39,400/Reno: 25,000 SF/Addition: 76,400 SF)	91,000 GSF (45,500 SF Footprint)	91,000 GSF (48,800 SF Footprint)	91,000 GSF (56,500 SF Footprint)	91,000 GSF (56,500 SF Footprint)
SCOPE OF WORK	<p>Phased, Occupied Construction MAAB interior renovations: limited partition work for accessibility clearances, new hardware throughout, replace all interior doors w/ new hardwood veneer, replace 25% of existing frames) signage, new accessible toilet rooms, and entrances for accessibility New Interior Finishes: new flooring, ceilings & lighting fixtures, new toilet fixtures, fittings and partitions (see hazmat report for abatement scope) Structural Scope: Repair cracks at top of foundation walls at building corners repair cracks at exterior concrete elements (e.g. site paving); evaluate snow drift loads at low roofs; brace masonry bearing walls and anchor floor and roof diaphragms on a voluntary basis Envelope Improvements: Repoint approx 10% of exterior brick veneer, repair/replace approx 5% of exterior brick veneer, recaulk expansion joints. Replace roofing, replace all windows and exterior doors MEP Systems: Replace fire alarm system Upgrade existing electrical & tech cabling Replace existing unit ventilator system with new fan coil system. Replace existing gas boilers with high efficiency gas boilers. New FP System Renovate kitchen space and provide new kitchen equipment, including new ansul system and new make up air unit.</p>	<p>School will be vacated, students relocated to swing space. MAAB interior renovations & space mining in existing spaces to remain: new partitions (75%), new doors & hardware throughout, signage, etc New Interior Finishes: new flooring, wall & ceiling finishes, and lighting fixtures. New multi-fixture student toilet rooms and single use toilets for both staff and students. New stairwells (assume 3 sets-addition to be 3 stories), new 3-stop elevator. Structural Scope: Repair cracks at top of foundation walls at building corners @ remaining building. Seismic upgrades to remaining building. New foundations would be conventional spread footings bearing on structural fill placed directly on the natural sand and gravel. All new construction would be steel framed w/ 5" SOG first floor w/ perimeter & underslab drainage system, slab on deck on upper floors, roof deck at roof; repair cracks at exterior concrete elements (e.g. site paving); evaluate snow drift loads at low roofs; brace masonry bearing walls and anchor floor and roof diaphragms. Envelope: <u>At remaining portion of building:</u> Repoint approx 10% of exterior brick veneer to remain, repair/replace approx 5% of exterior brick veneer to remain, recaulk remaining expansion joints. Replace roofing, replace windows and exterior doors. <u>At building addition:</u> Brick veneer (60%), Metal Panel (18%), Glazed Curtainwall (22%) MEP/FP Systems: New fire alarm system, New elec switch gear, and elect feeders; new generator, new tech cabling New gas fired HVAC system w/ chilled beams. New FP System, New kitchen w/ Ansul & MAU Demolition: Existing modulars to be demolished (3,300 GSF) Portions of existing school to be abated & demolished: 21,700 SF single story w/ SOG Addition: 76,400 SF (3-stories) to include new cafeteria.</p>	<p>New construction on occupied site (existing school to remain operational) Construction of new three-story, 91,200 GSF structure on site while existing school remains operational. Demolition: Existing 64,400 SF single story school building and modulars to be demolished when new school is completed. Sitework to be completed when new school is complete. HVAC System: Gas fired induction (chilled beam) system w/ new gas fired ERU. Provide Alternate pricing for all electric building w/ chilled beam system & 70 geothermal wells Site Prep: Remove all unsuitable soils (buried asphalt, topsoil) from within entire construction area, including the proposed building footprint, proposed driveways and parking lots (remove approx 18" of depth), site retaining walls and other structures. Remove approx 4' to 8.5' of fill from below building footprint - to 5' beyond building footprint. Carry rock removal (encountered @ approx 9' below grade at southeast corner of proposed construction area). New foundations: New foundations would be conventional spread footings bearing on structural fill placed directly on the natural sand and gravel. All new construction would be steel framed w/ 5" SOG first floor w/ perimeter & underslab drainage system, slab on deck on upper floors, roof deck at roof. Building Envelope: Masonry veneer (60%), Metal Panel/Rainscreen (18%), Glazed Curtainwall (22%)</p>	<p>New construction on occupied site (existing school to remain operational) Construction of new three-story, 91,200 GSF structure on site while existing school remains operational. Demolition: Existing 64,400 SF single story school building and modulars to be demolished when new school is completed. Sitework to be completed when new school is complete. HVAC System: Gas fired induction (chilled beam) system w/ new gas fired ERU. Provide Alternate pricing for all electric building w/ chilled beam system & 70 geothermal wells Site Prep: Remove all unsuitable soils (buried asphalt, topsoil) from within entire construction area, including the proposed building footprint, proposed driveways and parking lots (remove approx 18" of depth), site retaining walls and other structures. Remove approx 4' to 8.5' of fill from below building footprint - to 5' beyond building footprint. Carry rock removal (encountered @ approx 9' below grade at southeast corner of proposed construction area). New foundations: New foundations would be conventional spread footings bearing on structural fill placed directly on the natural sand and gravel. All new construction would be steel framed w/ 5" SOG first floor w/ perimeter & underslab drainage system, slab on deck on upper floors, roof deck at roof. Building Envelope: Masonry veneer (60%), Metal Panel/Rainscreen (18%), Glazed Curtainwall (22%)</p>	<p>New construction on occupied site (existing school to remain operational) Construction of new two-story, 91,200 GSF structure on site while existing school remains operational. Demolition: Existing 64,400 SF single story school building and modulars to be demolished when new school is completed. Sitework to be completed when new school is complete. HVAC System: Gas fired induction (chilled beam) system w/ new gas fired ERU. Provide Alternate pricing for all electric building w/ chilled beam system & 70 geothermal wells Site Prep: Remove all unsuitable soils (buried asphalt, topsoil) from within entire construction area, including the proposed building footprint, proposed driveways and parking lots (remove approx 18" of depth), site retaining walls and other structures. Remove approx 4' to 8.5' of fill from below building footprint - to 5' beyond building footprint. Carry rock removal (encountered @ approx 9' below grade at southeast corner of proposed construction area). New foundations: New foundations would be conventional spread footings bearing on structural fill placed directly on the natural sand and gravel. All new construction would be steel framed w/ 5" SOG first floor w/ perimeter & underslab drainage system, slab on deck on upper floors, roof deck at roof. Building Envelope: Masonry veneer (60%), Metal Panel/Rainscreen (18%), Glazed Curtainwall (22%)</p>	<p>New construction on occupied site (existing school to remain operational) Construction of new two-story, 91,200 GSF structure on site while existing school remains operational. Demolition: Existing 64,400 SF single story school building and modulars to be demolished when new school is completed. Sitework to be completed when new school is complete. HVAC System: Gas fired induction (chilled beam) system w/ new gas fired ERU. Provide Alternate pricing for all electric building w/ chilled beam system & 70 geothermal wells Site Prep: Remove all unsuitable soils (buried asphalt, topsoil) from within entire construction area, including the proposed building footprint, proposed driveways and parking lots (remove approx 18" of depth), site retaining walls and other structures. Remove approx 4' to 8.5' of fill from below building footprint - to 5' beyond building footprint. Carry rock removal (encountered @ approx 9' below grade at southeast corner of proposed construction area). New foundations: New foundations would be conventional spread footings bearing on structural fill placed directly on the natural sand and gravel. All new construction would be steel framed w/ 5" SOG first floor w/ perimeter & underslab drainage system, slab on deck on upper floors, roof deck at roof. Building Envelope: Masonry veneer (60%), Metal Panel/Rainscreen (18%), Glazed Curtainwall (22%)</p>
SITWORK	<p>Sitework to include: MAAB improvements (installing accessible walks/ramps at building entrances and replacing walkways with cracking/uneven surfaces). Replace vehicular paving at southern loop around existing building, add cast-in place curbing. Replacement of playground equipment and installation of rubber playground surfacing. Replace the entry canopy drainage system to be connected to french drain or storm water system. Replace playground benches. Add one handicap parking space. Repair chain link fence. Existing 163 parking lot to remain but add (1) handicap parking space (for total of 6). Site will be fully accessible. New site lighting. Existing softball field to remain New fire service</p>	<p>MAAB improvements (curb cuts, grading). Refurbish existing 163 car parking area and addition of (1) handicap parking space (for a total of 6 accessible spaces). New curbing and sidewalks throughout. Repave playground area and replace (2) basketball systems, new playground striping for basketball and 4-square. Replace playground equipment (2 playgrounds) and install rubber playground surfacing. New softball field w/ skinned infield, backstop and fencing. Site will be fully accessible. New site lighting. New fire service New surface stormwater features (including drip edging) and bioretention basins. Enhance 25-foot buffer zone to BVW (Such as removing invasives & adding plantings w/in buffer zones). New trees and planting beds. Replacing trees removed for reconfigured site design.</p>	<p>New parking lot for 110 cars, new granite curbing throughout, extending to property line at Westwood and Fox Hill roads. New sidewalks throughout and new paved playground area (including rubber accessible surfaces at playstructures) and (1) full-court basketball court. New playground w/ separate playstructures for lower grades & upper grades, new driveways and planting, signage & new sidewalks from Westwood and Fox Hill roads. New softball field w/ skinned infield, fencing & backstop, new multi-purpose field. Site will be fully accessible. New trees and plant beds with irrigation systems for the fields. New fencing. New site utilities & site lighting New surface stormwater features and bioretention basins. Enhance 25-foot buffer zone to BVW (Such as removing invasives & adding plantings w/in buffer zones)</p>	<p>New parking lot for 110 cars, new granite curbing throughout, extending to property line at Westwood and Fox Hill roads. New sidewalks throughout and new paved playground area (including rubber accessible surfaces at playstructures) and (1) full-court basketball court. New playground w/ separate playstructures for lower grades & upper grades, new driveways and planting, signage & new sidewalks from Westwood and Fox Hill roads. New softball field w/ skinned infield, fencing & backstop, new multi-purpose field. Site will be fully accessible. New trees and plant beds with irrigation systems for the fields. New fencing. New site utilities & site lighting New surface stormwater features and bioretention basins. Enhance 25-foot buffer zone to BVW (Such as removing invasives & adding plantings w/in buffer zones)</p>	<p>New parking lot for 110 cars, new granite curbing throughout, extending to property line at Westwood and Fox Hill roads. New sidewalks throughout and new paved playground area and (1) full-court basketball court. New playground areas (including rubber accessible surfaces at playstructures) w/ separate playstructures for lower grades & upper grades, new driveways and planting, signage & new sidewalks from Westwood and Fox Hill roads. New softball field w/ skinned infield, fencing & backstop, new multi-purpose field. Site will be fully accessible. New trees and plant beds with irrigation systems for the fields. New fencing. New site utilities & site lighting New surface stormwater features and bioretention basins. Enhance 25-foot buffer zone to BVW (Such as removing invasives & adding plantings w/in buffer zones)</p>	<p>New parking lot for 110 cars, new granite curbing throughout, extending to property line at Westwood and Fox Hill roads. New sidewalks throughout and new paved playground area and (1) full-court basketball court. New playground areas (including rubber accessible surfaces at playstructures) w/ separate playstructures for lower grades & upper grades, new driveways and planting, signage & new sidewalks from Westwood and Fox Hill roads. New softball field w/ skinned infield, fencing & backstop, new multi-purpose field. Site will be fully accessible. New trees and plant beds with irrigation systems for the fields. New fencing. New site utilities & site lighting New surface stormwater features and bioretention basins. Enhance 25-foot buffer zone to BVW (Such as removing invasives & adding plantings w/in buffer zones)</p>
ALL-ELECTRIC	NO		NO - provide Alternate pricing for all elec	NO - provide Alternate pricing for all elec	NO - provide Alternate pricing for all elec	NO - provide Alternate pricing for all elec
GEOTHERMAL WELLS	No geothermal	Provide Alternate pricing: geothermal wells - approx 70 - and All Electric building	Provide Alternate pricing: geothermal wells - approx 70 - and All Electric building	Provide Alternate pricing: geothermal wells - approx 70 - and All Electric building	Provide Alternate pricing: geothermal wells - approx 70 - and All Electric building	Provide Alternate pricing: geothermal wells - approx 70 - and All Electric building
PV ROOFTOP/CANOPIES	No PVs (existing roof not evaluated to support load)	PPA to provide rooftop PVs on new addition only and solar canopies @ parking lot	PPA to provide rooftop PVs and solar canopies @ parking lot	PPA to provide rooftop PVs and solar canopies @ parking lot	PPA to provide rooftop PVs and solar canopies @ parking lot	PPA to provide rooftop PVs and solar canopies @ parking lot

FOX HILL ELEMENTARY SCHOOL SITE - 640 STUDENTS				
	Option 4 Code Upgrades/Repairs Only 640 students	Option 5 Addition/Renovation 640 students	Option 6A Demo/New Constn 640 Students	Option 6B Demo/New Constn 640 Students
	64,400 GSF	156,000 GSF (72,100 SF total footprint) (Demo: 39,400/Reno: 25,000 SF/Addition: 131,000 SF)	155,000 GSF (65,000 SF Footprint)	155,000 GSF (66,700 SF Footprint)
SCOPE OF WORK	<p>Phased, Occupied Construction MAAB interior renovations: limited partition work for accessibility clearances, new hardware throughout, replace all interior doors w/ new hardwood veneer, replace 25% of existing frames) signage, new accessible toilet rooms, and entrances for accessibility New Interior Finishes: new flooring, ceilings & lighting fixtures, new toilet fixtures, fittings and partitions (see hazmat report for abatement scope) Structural Scope: Repair cracks at top of foundation walls at building corners; repair cracks at exterior concrete elements (e.g. site paving); evaluate snow drift loads at low roofs; brace masonry bearing walls and anchor floor and roof diaphragms on a voluntary basis Envelope Improvements: Repoint approx 10% of exterior brick veneer, repair/ replace approx 5% of exterior brick veneer, recaulk expansion joints. Replace roofing, replace all windows and exterior doors MEP Systems: Replace fire alarm system Upgrade existing electrical & tech cabling Replace existing unit ventilator system with new fan coil system. Replace existing gas boilers with high efficiency gas boilers. New FP System Renovate kitchen space and provide new kitchen equipment, including new ansul system and new make up air unit.</p>	<p>School will be vacated, students relocated to swing space. MAAB interior renovations & space mining in existing spaces to remain: new partitions (75%), new doors & hardware throughout, signage, etc New Interior Finishes: new flooring, wall & ceiling finishes, and lighting fixtures. New multi-fixture student toilet rooms and single use toilets for both staff and students. New stairwells (assume 3 sets-addition to be 3 stories), new 3-stop elevator. Structural Scope: Repair cracks at top of foundation walls at building corners @ remaining building. Seismic upgrades to remaining building. New foundations would be conventional spread footings bearing on structural fill placed directly on the natural sand and gravel. All new construction would be steel framed w/ 5" SOG first floor w/ perimeter & underslab drainage system, slab on deck on upper floors, roof deck at roof; repair cracks at exterior concrete elements (e.g. site paving); evaluate snow drift loads at low roofs; brace masonry bearing walls and anchor floor and roof diaphragms; Envelope: At remaining portion of building: Repoint approx 10% of exterior brick veneer to remain, repair/ replace approx 5% of exterior brick veneer to remain, recaulk remaining expansion joints. Replace roofing, replace windows and exterior doors. At building addition: Masonry veneer (60%), Metal Panel (18%), Glazed Curtainwall (22%) MEP/FP Systems: New fire alarm system, New elec switch gear, and elect feeders; new generator, new tech cabling New gas fired HVAC system w/ chilled beams. New FP System, New kitchen w/ Ansul & MAU Demolition: Existing modulars to be demolished (3,300 GSF) Area of existing school to be abated & demolished: 39,400 SF single story w/ SOG Addition: 131,000 SF (3-stories) to include new cafeteria, kitchen, stage, library, classrooms & mechanical space Renovation: Gym, SPED classrooms and support spaces</p>	<p>New construction on occupied site (existing school to remain operational) Construction of new three-story, 153,400 GSF structure on site while existing school remains operational. Demolition: Existing 64,400 SF single story school building and modulars to be demolished when new school is completed. Sitework to be completed when new school is complete. HVAC System: Gas fired induction (chilled beam) system w/ new gas fired ERU. Provide Alternate pricing for all electric building w/ chilled beam system & 100 geothermal wells Site Prep: Remove all unsuitable soils (buried asphalt, topsoil) from within entire construction area, including the proposed building footprint, proposed driveways and parking lots (remove approx 18" of depth), site retaining walls and other structures. Remove approx 4' to 8.5' of fill from below building footprint - to 5' beyond building footprint. Carry rock removal (encountered @ approx 9' below grade at southeast corner of proposed construction area). New foundations: New foundations would be conventional spread footings bearing on structural fill placed directly on the natural sand and gravel. All new construction would be steel framed w/ 5" SOG first floor w/ perimeter & underslab drainage system, slab on deck on upper floors, roof deck at roof. Building Envelope: Masonry veneer (60%), Metal Panel/Rainscreen (18%), Glazed Curtainwall (22%)</p>	<p>New construction on occupied site (existing school to remain operational) Construction of new three-story, 153,400 GSF structure on site while existing school remains operational. Demolition: Existing 64,400 SF single story school building and modulars to be demolished when new school is completed. Sitework to be completed when new school is complete. HVAC System: Gas fired induction (chilled beam) system w/ new gas fired ERU. Provide Alternate pricing for all electric building w/ chilled beam system & 100 geothermal wells Site Prep: Remove all unsuitable soils (buried asphalt, topsoil) from within entire construction area, including the proposed building footprint, proposed driveways and parking lots (remove approx 18" of depth), site retaining walls and other structures. Remove approx 4' to 8.5' of fill from below building footprint - to 5' beyond building footprint. New foundations: New foundations would be conventional spread footings bearing on structural fill placed directly on the natural sand and gravel. All new construction would be steel framed w/ 5" SOG first floor w/ perimeter & underslab drainage system, slab on deck on upper floors, roof deck at roof. Building Envelope: Masonry veneer (60%), Metal Panel/Rainscreen (18%), Glazed Curtainwall (22%)</p>
SITWORK	<p>Sitework to include: MAAB improvements (installing accessible walks/ramps at building entrances and replacing walkways with cracking/uneven surfaces.). Replace vehicular paving at southern loop around existing building, add cast-in place curbing. Replacement of playground equipment and installation of rubber playground surfacing. Replace the entry canopy drainage system to be connected to french drain or storm water system. Replace playground benches. Add one handicap parking space. Repair chain link fence. Existing 163 parking lot to remain but add (1) handicap parking space (for total of 6). Site will be fully accessible. New site lighting. Existing softball field to remain New fire service</p>	<p>Sitework to include: MAAB improvements (curb cuts, grading). Refurbish existing 163 car parking area, create an additional parking area for 50 cars, and addition of (1) handicap parking space (for a total of 6 accessible spaces). New curbing and sidewalks throughout, including accessible ramps/walks at existing building entrances. Repave playground area (including rubber accessible surfaces at playstructures) and replace (2) basketball systems, new playground striping for basketball and 4-square. Replace playground equipment (2 playgrounds) and install rubber playground surfacing. Add (2) new rubber surfaced playgrounds w/ playground equipment (for total of 4). New softball field with skinned infield, backstop and fencing. Site will be fully accessible. New trees and planting beds with irrigation system for the fields. New fencing. New site lighting. New fire service New surface stormwater features and bioretention basins. Enhance 25-foot buffer zone to BVW (Such as removing invasives & adding plantings w/in buffer zones)</p>	<p>Sitework to include: New parking lot for 190 cars, new granite curbing throughout, extending to property line at Westwood and Fox Hill roads. New sidewalks throughout and new paved playground area and (2) full-court basketball courts. New playgrounds (including rubber accessible surfaces at playstructures) w/ separate playstructures for lower grades & upper grades (2 sets), new driveways, trees, plantings, signage & new sidewalks from Westwood and Fox Hill roads. New softball fields w/ skinned infield, fencing & backstop, new multi-purpose/soccer field. Site will be fully accessible. New perimeter fencing. New site furnishings. New site utilities & lighting. New irrigation system for the fields. New surface stormwater features and bioretention basins. Enhance 25-foot buffer zone to BVW (Such as removing invasives & adding plantings w/in buffer zones)</p>	<p>Sitework to include: New parking lot for 190 cars, new granite curbing throughout, extending to property line at Westwood and Fox Hill roads. New sidewalks throughout and new paved playground area and (2) full-court basketball courts. New playgrounds (including rubber accessible surfaces at playstructures) w/ separate playstructures for lower grades & upper grades (2 sets), new driveways, trees, plantings, signage & new sidewalks from Westwood and Fox Hill roads. New softball fields w/ skinned infield, fencing & backstop, new multi-purpose/soccer field. Site will be fully accessible. New perimeter fencing. New site furnishings. New site utilities & lighting. New irrigation system for the fields. New surface stormwater features and bioretention basins. Enhance 25-foot buffer zone to BVW (Such as removing invasives & adding plantings w/in buffer zones)</p>
ALL-ELECTRIC	NO	NO - provide Alternate pricing for all elec	NO - provide Alternate pricing for all elec	NO - provide Alternate pricing for all elec
GEOTHERMAL WELLS	No geothermal	Provide Alternate pricing: geothermal wells - approx 115 - and All Electric building	Provide Alternate pricing: geothermal wells - approx 115 - and All Electric building	Provide Alternate pricing: geothermal wells - approx 115 - and All Electric building
PV ROOFTOP/CANOPIES	No PVs (existing roof not evaluated to support load)	PPA to provide rooftop PVs on new addition only and solar canopies @ parking lot	PPA to provide rooftop PVs and solar canopies @ parking lot	PPA to provide rooftop PVs and solar canopies @ parking lot

PINE GLEN ELEMENTARY SCHOOL SITE			
	Option 7 Addition/Renovation 640 students	Option 8 Demo/New Constn 640 Students	Option 9 Demo/New Constn 325 Students
	164,400 GSF (70,000 SF total footprint) Demo: 17,500 (1 story) Reno: 40,000 SF (2 stories) Addition: 124,000 SF (3 stories) (50,000 SF total footprint)	153,400 GSF (66,800 SF Footprint)	83,000 GSF (41,230 SF Footprint)
SCOPE OF WORK	<p>Construction of addition to be completed while existing school is occupied.</p> <p>MAAB interior renovations & space mining in existing spaces to remain: new partitions (40%), new doors & hardware throughout, signage, etc</p> <p>New Interior Finishes: new flooring, wall & ceiling finishes, and lighting fixtures. New multi-fixture student toilet rooms and single use toilets for both staff and students. New stairwells at addition (assume 3 sets-addition to be 3 stories), new 4-stop elevator.</p> <p>Structural Scope: Seismic upgrades to remaining renovated portions of existing building.</p> <p>New foundations would be conventional spread footings bearing on structural fill placed directly on the natural sand and gravel. All new construction would be steel framed w/ 5" SOG first floor w/ perimeter & underslab drainage system, slab on deck on upper floors, roof deck at roof; repair brick at site elements; repair canopy deterioration; repair exterior concrete stair deterioration; review and repair exterior facing glulam arch; evaluate existing roof for snow loads; brace masonry walls and anchor diaphragms; repair spalling at concrete basement wall</p> <p>Envelope: At remaining portion of building: Repoint approx 10% of exterior brick veneer to remain, repair/ replace approx 5% of exterior brick veneer to remain, recaulk remaining expansion joints. Replace roofing, replace windows and exterior doors. At building addition: Brick veneer (60%), Metal Panel (18%), Glazed Curtainwall (22%)</p> <p>MEP/FP Systems: New fire alarm system New elec switch gear, and elect feeders; new generator, new tech cabling New gas fired HVAC system w/ chilled beams. New FP System New kitchen space to expand, provide new kitchen equipment, incl new ansul system, MAU</p> <p>Portions of existing school to be abated & demolished: 17,500 SF single story w/ SOG Existing steel canopy and stairs to be demolished Addition: 124,000 SF (3 stories) (50,000 SF total footprint)</p>	<p>New construction on occupied site (existing school to remain operational)</p> <p>Construction of new two-story, 91,200 GSF structure on site while existing school remains operational.</p> <p>Demolition: Existing 64,400 SF single story school building and modulars to be demolished when new school is completed. Sitework to be completed when new school is complete.</p> <p>HVAC System: Gas fired induction (chilled beam) system w/ new gas fired ERU.</p> <p>Provide Alternate pricing for all electric building w/ chilled beam system & 70 geothermal wells</p> <p>Site Prep: Remove all unsuitable soils (buried asphalt, topsoil) from within entire construction area, including the proposed building footprint, proposed driveways and parking lots (remove approx 18" of depth), site retaining walls and other structures. Remove approx 4' to 8.5' of fill from below building footprint - to 5' beyond building footprint.</p> <p>New foundations: New foundations would be conventional spread footings bearing on structural fill placed directly on the natural sand and gravel. All new construction would be steel framed w/ 5" SOG first floor w/ perimeter & underslab drainage system, slab on deck on upper floors, roof deck at roof.</p> <p>Building Envelope: Masonry veneer (60%), Metal Panel/Rainscreen (18%), Glazed Curtainwall (22%)</p>	<p>New construction on occupied site (existing school to remain operational)</p> <p>Construction of new two-story, 91,200 GSF structure on site while existing school remains operational.</p> <p>Demolition: Existing 64,400 SF single story school building and modulars to be demolished when new school is completed. Sitework to be completed when new school is complete.</p> <p>HVAC System: Gas fired induction (chilled beam) system w/ new gas fired ERU.</p> <p>Provide Alternate pricing for all electric building w/ chilled beam system & 70 geothermal wells</p> <p>Site Prep: Remove all unsuitable soils (buried asphalt, topsoil) from within entire construction area, including the proposed building footprint, proposed driveways and parking lots (remove approx 18" of depth), site retaining walls and other structures. Remove approx 4' to 8.5' of fill from below building footprint - to 5' beyond building footprint.</p> <p>New foundations: New foundations would be conventional spread footings bearing on structural fill placed directly on the natural sand and gravel. All new construction would be steel framed w/ 5" SOG first floor w/ perimeter & underslab drainage system, slab on deck on upper floors, roof deck at roof.</p> <p>Building Envelope: Masonry veneer (60%), Metal Panel/Rainscreen (18%), Glazed Curtainwall (22%)</p>
SITWORK	<p>Sitework to include: New parking lot for 171 cars, new granite curbing throughout. New sidewalks throughout and new paved playground area (including rubber accessible surfaces at playstructures) and (2) full-court basketball courts. New playground w/ separate playstructures for lower grades & upper grades (2 sets), new driveways, trees, plantings, irrigation system for fields, signage and sidewalks. Drip edging at existing building facades and improved drainage at existing to connect to a storm water system. New multi-purpose field. Site will be fully accessible. New perimeter fencing. New site furnishings. New site utilities & site lighting New surface stormwater features and bioretention basins. Enhance 25-foot buffer zone to BVW (Such as removing invasives & adding plantings w/in buffer zones)</p>	<p>Sitework to include: New parking lot for 198 cars, new granite curbing throughout, extending to Wilmington Road. New sidewalks throughout and new paved playground area (including rubber accessible surfaces at playstructures) and (2) full-court basketball courts. New playgrounds w/ separate playstructures for lower grades & upper grades (2 sets), new driveways, trees, plantings, irrigation system for fields, signage and sidewalks. New multi-purpose field (1). Site will be fully accessible. New perimeter fencing. New site furnishings. New site utilities & site lighting New surface stormwater features and bioretention basins. Enhance 25-foot buffer zone to BVW (Such as removing invasives & adding plantings w/in buffer zones)</p>	<p>Sitework to include: New parking lot for 140 cars, new granite curbing throughout, extending to Wilmington Road. New sidewalks throughout and new paved playground area (including rubber accessible surfaces at playstructures) and (2) half-court basketball courts. New playgrounds w/ separate playstructures for lower grades & upper grades, new driveways, trees, plantings, irrigation systems for fields, signage and sidewalks. New multi-purpose fields (2) and new softball field w/ skinned infield, fencing & backstop. Site will be fully accessible. New perimeter fencing. New site furnishings. New site utilities & site lighting New surface stormwater features and bioretention basins. Enhance 25-foot buffer zone to BVW (Such as removing invasives & adding plantings w/in buffer zones)</p>
ALL-ELECTRIC	NO - provide Alternate pricing for all elec	NO - provide Alternate pricing for all elec	NO - provide Alternate pricing for all elec
GEOTHERMAL WELLS	Provide Alternate pricing for geothermal wells - approx 120 - and All Electric building	Provide Alternate pricing for geothermal wells - approx 115 - and All Electric building	Provide Alternate pricing for geothermal wells - approx 70 - and All Electric building
PV ROOFTOP/CANOPIES	PPA to provide rooftop PVs on new addition only and solar canopies @ parking lot	PPA to provide rooftop PVs and solar canopies @ parking lot	PPA to provide rooftop PVs and solar canopies @ parking lot