



IPSWICH ELEMENTARY SCHOOL
SCHOOL BUILDING COMMITTEE

NOVEMBER 29, 2017

Perkins Eastman | *DPC*

BUILDING:

- 3 Story, 123k Sq. Ft. Building
- Orientation Ideal For Daylight
- Zoned For Community Use
- Gym Near Fields/Cafeteria Near Play
- 9k Indoor Play (vs 4k Existing Comb.)

VEHICULAR:

- 10 Buses (10 Target)
- 60 Car Loop Rd (50 Target)
- 150 Car Parking (150 Target)
- Pre-K Access via Parent Drop off

OUTDOOR SPACE:

- 46k Play, 59K Unstructured Green, 10k Hard Play (Target 46k Play, 57k Green, 6k Hard)
- 192k SF of Fields
- 2 Softball Fields or Little League
- 1 Multi-Use Field Overlapping
- Fitness Path/ Gardens/ Greenhouse
- Outdoor Learning + Amphitheater



PROS

- Large entry plaza
- Equal car and bus drop-off
- Reduced distance to main entry
- No car – bus conflicts
- Weekend/Emergency cut-through

CONS

- Majority of parking is behind building
- Separate play



PROS

- Consolidated play areas
- Additional 5K of Play Area
- Parking near play areas

CONS

- Car/ Bus conflict
- Limited visibility of bus drop off.
- Longer distance to entrance
- Entry drive will be widened to a min. of 30' for a shared bus & car lane.
- Noise at classroom wing when buses line up for dismissal.



WHAT WE'VE LEARNED:

1. Consolidated play is not desired and will be a challenge to manage.
2. There should be playgrounds next to the drop-off locations.
3. More than one entrance may be preferable.
4. A green space should be located directly next to the gym.
5. Drop off culture differs at each school and should be considered.
6. A bike connection / multi-use path should be created connecting the school to Linebrook Road.

Linebrook Road Edge

- Existing mature trees should remain for aesthetic value
- Existing pathway should be expanded upon as a safe connection for walkers and bikers



East Buffer

- Buffer is a mix of native and invasive vegetation
- Parking could be located along this edge



Meadow

- Healthy and valuable native meadow community
- Excellent nature-based learning opportunity that should be taken advantage of



Woodland

- Mixed Red Maple, Oak & Pine forest and wetland
- Access from school property via trail in SE corner





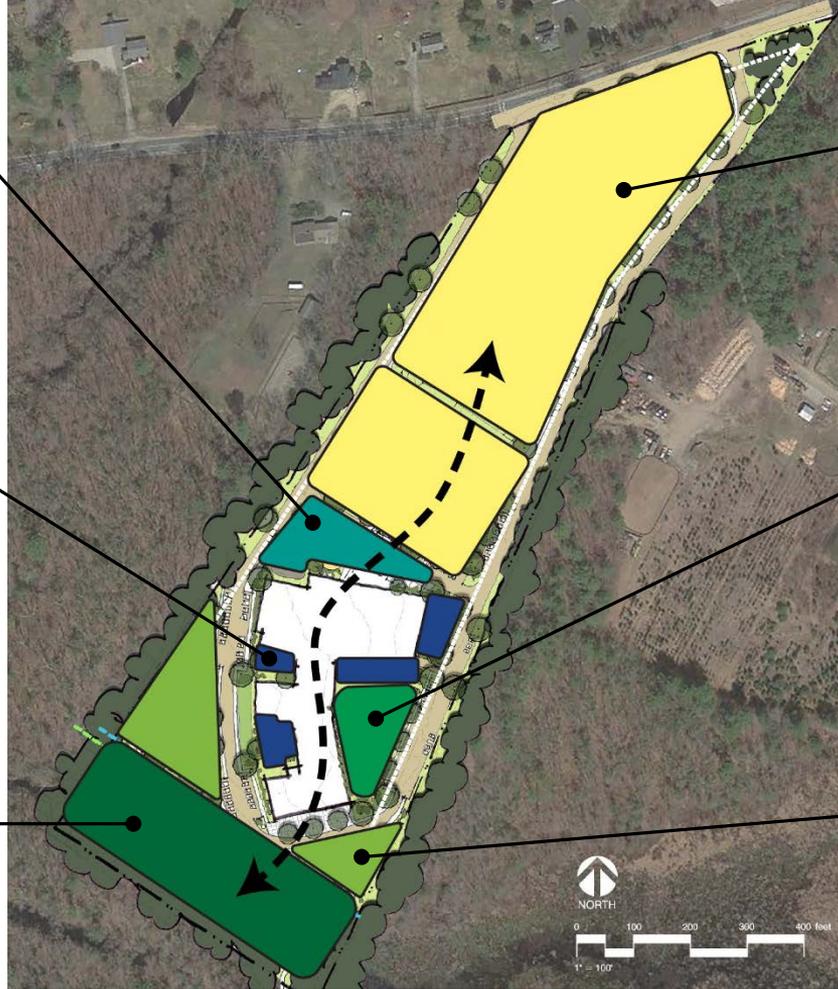
URBAN FABRIC



TRIBUTARIES



UPLAND FOREST



COASTAL LANDSCAPE



GLACIAL LANDFORMS



MEADOW

Bike / Multi-use Path



Hard Play



Amphitheater



Nature Based Learning / Play



Structured Play



Pre-K Play



Garden / Greenhouse



Landforms



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- 9k Indoor Play (vs 4k Existing Comb.)

VEHICULAR:

- 10 Buses (10 Target)
- 60 Car Loop Rd (50 Target)
- 150 Car Parking (150 Target)
- Pre-K Access via Parent Drop off

OUTDOOR SPACE:

- 52k Structured Play, 57K Unstructured Green, 6k Hard Play (Target 46k Play, 57k Green, 6k Hard)
- 160k SF of Fields
- 1 Softball / Little League Field
- 1 Multi-Use Field
- Fitness Path / Gardens / Greenhouse
- Outdoor Learning + Amphitheater



Bike / Multi-use Path



Hard Play



Open Green



Amphitheater



Nature Based Learning / Play



Structured Play



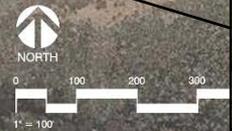
Pre-K Play



Garden / Greenhouse



Sensory Garden & Play





Build upon native meadow area on site





Ipswich Elementary School | Structured Play

Perkins Eastman | DPC



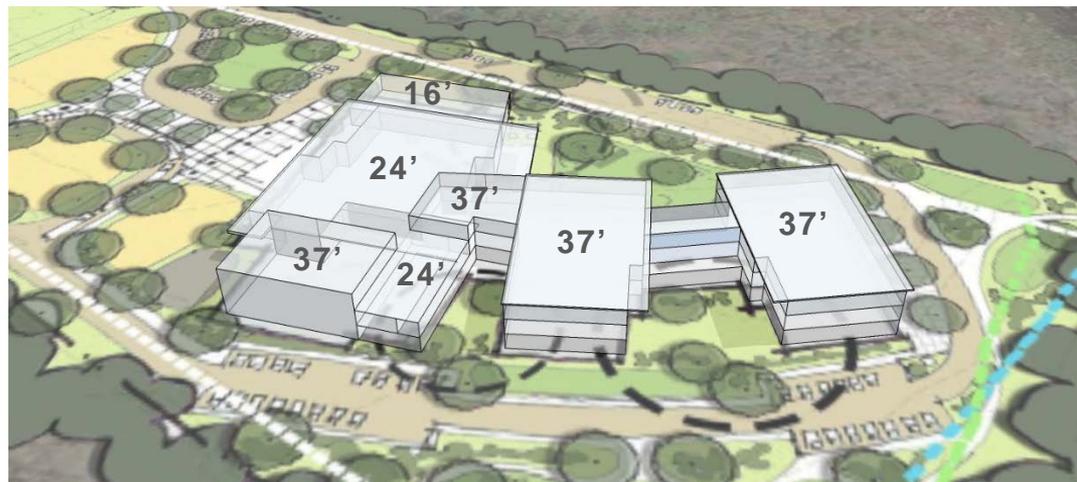




BUILDING MASSING ON SITE



VIEW OF FRONT ENTRY



VIEW FROM THE WEST

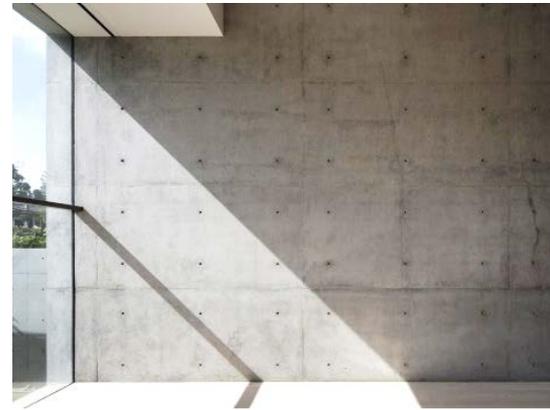
DURABLE BASE MATERIALS



BRICK VENEER



STONE VENEER



CONCRETE PANEL

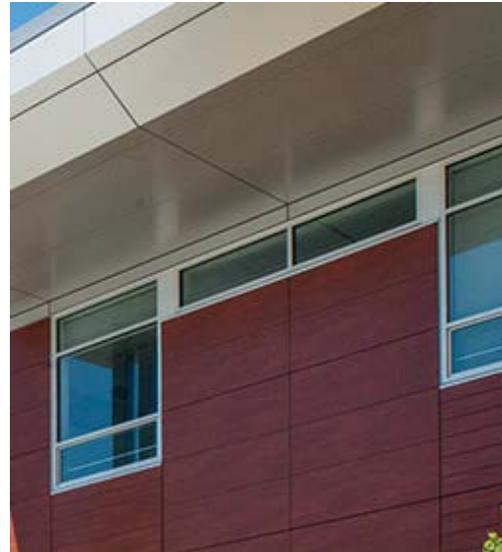
RAIN SCREEN MATERIALS



WOOD VENEER PHENOLIC PANELS

GLASS FIBER REINFORCED PANELS

METAL AND GLASS





STONE

METAL

GLASS

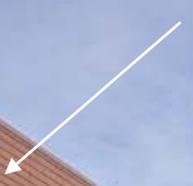
BRICK



METAL



WOOD-LOOK RAIN SCREEN



BRICK



GLASS







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