Orange High School Addition-Renovation
Proposed Parking Lot and STEM Presentation

September 19, 2017
Design Review
Existing Site Plan
### Target Space Program

<table>
<thead>
<tr>
<th>Space Type</th>
<th>Qty</th>
<th>Occ.</th>
<th>Total Occ.</th>
<th>SF</th>
<th>Total SF</th>
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<tbody>
<tr>
<td>General Classrooms</td>
<td>15</td>
<td>24</td>
<td>360</td>
<td>750</td>
<td>11,250</td>
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<tr>
<td>Art Classrooms</td>
<td>3</td>
<td>24</td>
<td>72</td>
<td>1,250</td>
<td>3,750</td>
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<tr>
<td>Drama Classroom</td>
<td>1</td>
<td>24</td>
<td>24</td>
<td>1,200</td>
<td>1,200</td>
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<tr>
<td>Technology Lab</td>
<td>2</td>
<td>24</td>
<td>48</td>
<td>1,600</td>
<td>3,200</td>
</tr>
<tr>
<td>Robotics Lab</td>
<td>1</td>
<td>24</td>
<td>24</td>
<td>1,600</td>
<td>1,600</td>
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<tr>
<td>Auxiliary Gym</td>
<td>1</td>
<td>48</td>
<td>48</td>
<td>5,200</td>
<td>5,200</td>
</tr>
<tr>
<td>Media Center</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>5,000</td>
<td>5,000</td>
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<tr>
<td>Remote Admin. Office</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>150</td>
<td>300</td>
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<tr>
<td><strong>Total Net SF</strong></td>
<td></td>
<td></td>
<td><strong>31,500</strong></td>
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<table>
<thead>
<tr>
<th>Space Type</th>
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<tbody>
<tr>
<td><strong>Circulation</strong></td>
<td></td>
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<tr>
<td><strong>Support Spaces</strong></td>
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<tr>
<td><strong>Grossing Factor</strong></td>
<td>1.55</td>
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<td><strong>Total Grossing Factor SF</strong></td>
<td>17,325</td>
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<tr>
<td><strong>Total Gross SF</strong></td>
<td>48,825</td>
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</table>

Orange High School
Floor Plans
New Addition
Site Photos
Proposed Massing & Exterior Views
View from Clarendon Place
View from parking lot
View from Lighthipe Place
Elevations & Fenestration
South Elevation – Clarendon Place

East Elevation – Media Center

North Elevation – Lighthipe Place
Interior View of Auxiliary Gym
Interior View of Auxiliary Gym
(with curtain and wrestling mat)
Auxiliary Dining Hall
Communicating Stair
Option A

1. AUX DINING STAIR - COURTYARD ELEVATION
   3/32" = 1'-0"

2. AUX DINING STAIR - FIRST FLOOR
   3/32" = 1'-0"

3. AUX DINING STAIR - SECOND FLOOR
   3/32" = 1'-0"
OHS Proposed Parking Lot on Clarendon Place
396 Clarendon Place
Do Not Scale Drawings
Field check all dimensions prior to start of construction
Renovations

- Replace existing roof
- Replace mechanical room doors and frames Remove four Temporary Classroom Units Relocate Greenhouse
- Convert the existing Media Center to an Auxiliary Dining Room Replace existing wood doors and frames
- Replace existing stair doors and frames with fire rated doors and frames Replace existing classroom floor tiles,
- Repair terrazzo stair nosing
- Sound proof Music and Band rooms
- Repair and replace damaged lockers in the Boys and Girls and locker rooms Repair/ replace locker room shower mixing valves
- Replace light fixtures in the Boys and Girls shower and drying rooms Replace toilet partitions in gang toilet rooms
- Renovate four Science classrooms Replace electric drinking fountains Provide additional power to Music Room
TOTAL OHS ADDITION AND RENOVATION ELIGIBLE COST

$46,194,000
STEM INNOVATION ACADEMY
OF THE ORANGES
Former Marylawn Building 455 Scotland Road South Orange
CLEVELAND ELEMENTARY
School
Addition & Renovation
NJSDA & NJDOE Project
CLEVELAND STREET SCHOOL
New Construction/Addition

• Multipurpose room (4,800 sq.) with stage (1,200 sq.)
• Prep Kitchen w/ server (1,200 sq.)
• Main Entrance Lobby and Security Post
• Boys & Girls Rest Rooms – 3 floors