T'IIIS NAZBAS COMMUNITY
SCHOOL
NEW SCHOOL REPLACEMENT PRESENTATION 2/4/16

Dr. Karina A. Roossol – Principal
Mr. Herman Forley – School Board Member
Wesley Bilsen – Facility
Garrison Morris – Facility
Harriet Lansing – School Secretary

New School March 4, 1965

Results of the NRC Application Review

<table>
<thead>
<tr>
<th>Description of Graded Criteria</th>
<th>Maximum Points</th>
<th>School's Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Condition of Facilities and Education</td>
<td>65</td>
<td>61.7</td>
</tr>
<tr>
<td>Environments</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crowding</td>
<td>5</td>
<td>0</td>
</tr>
<tr>
<td>Declining or Constrained Enrollment</td>
<td>5</td>
<td>3.9</td>
</tr>
<tr>
<td>Inappropriately Educational Space</td>
<td>5</td>
<td>0</td>
</tr>
<tr>
<td>Accreditation Risk</td>
<td>5</td>
<td>2.3</td>
</tr>
<tr>
<td>School Age</td>
<td>10</td>
<td>8</td>
</tr>
<tr>
<td>Cultural Space Needs</td>
<td>5</td>
<td>3.8</td>
</tr>
<tr>
<td>Total</td>
<td>100</td>
<td>79.7</td>
</tr>
</tbody>
</table>
Building Conditions

- Bldg 628 - (Old Facility Maintenance Shop) $161,620.00 total cost for replacement. Maintenance Shop is experiencing deterioration of windows, needs new electrical wiring of light fixtures. Continuous flooding is consistent when it rains. Pictures.

- Bldg 641 - (Jr. H.) $3,837,216.00 total cost for replacement. Sewer problems plague this building. The east side of the building has visible structural cracks. The paint is peeling due to high alkaline levels within the cinder blocks. Large amounts of sand accumulates underneath the exterior walls and facias which are separating. The sewer plumbing is inaccessible due to the large slab foundation and flooring. Heating controls are shared among the (6) classrooms. Light sensors are going out which are difficult to replace; there is no crawl space within the ceiling. Pictures.

Building Conditions

- Bldg 644 - (Wood Shop) $770,104.00 cost for replacement. The boiler and cooling system is inefficient. The window is single pane and the floor is cracking. No crawl space. Pictures.

- Bldg 645 - (Facility Maintenance Shop) $1,786,266.00 cost for replacement. Contains Asbestos. Floor is cracking and bulging from the sewer lines underneath the building. Cracking walls and popcorn ceiling possibly containing asbestos. Single pane windows which do not have insulation. No crawl space. Pictures.

- Bldg 657 - (Garage) $106,050.00 cost for replacement. Leaking roof and broken garage doors. Contains a gravel roof. Pictures.
Building Conditions

- Bldg 58 - (Residential) $11,443,143.00 for replacement. H&V units (6) that need to be replaced. There are only 4 that are functioning. The heating system parts are obsolete as the company no longer exists. The plumbing system is unreliable. There are currently cast iron pipes installed, but these are splitting. There are frequent backups in the restrooms, water fountains, toilets, and sinks. The vents are improperly fitted and cause a lot of unnecessary noise throughout the day and night. The building is poorly insulated with concrete blocks making up most of the construction of the walls. Handicap accessibility needs to be consistent in and around the building entryways. Electrical power panels need to be upgraded. Parts are obsolete. This building currently runs on diesel fuel.

Building Conditions

- Bldg 659 - (Garage) $104,692.00 cost for replacement. Leaking roof and broken garage doors. Contains a gravel roof.
- Bldg 660 - (Kitchen) $434,550.00 cost for replacement. Replacement of major kitchen appliances $47,558.86. Currently have difficulties with the dishwasher $33,000.00 to replace. The parts for this are obsolete. The electric panel will need to be upgraded for new dishwasher. In 2014 a kitchen explosion resulted in school closure. Steam traps, heating units, steam boilers (1) the interior wall is deteriorating. The sewer line system needs continued maintenance. The hot/cold water lines need to be upgraded.

Building Conditions

- Bldg 661 - (Administration/Elementary) $21,480,585.00 cost to replace. Roof bubbled and blew off structure. Heating/cooling system was installed and is not functioning properly. Rotted siding but not effective. The sewers lines continually break (cast iron). Ventilation to the gym needs to be replaced and contains obsolete parts. 30 surveillance cameras were to be installed, we only have 15 that were installed. The power panel needs upgrading. Handicapped equipment needs replacing. The repairs and maintenance for the new fire alarm system is ongoing and costly.
Building Conditions
- Bldg 662 – (Fire Station) $548,939.00 cost to replace. We do not have a fire truck. This vehicle was removed from campus in 2014. The roof needs repair – replace build up roofing. The floor is cracking. Replace garage door, concrete driveway. Restroom replacement needed. New Ventilation and new heating/cooling system needed.
- Bldg 733 – Ground is eroding underneath well #7.

Pavement and Sidewalks

Pavement and Sidewalks
Renovations from 2010

- Although the renovations took care of the outside of the buildings (Buildings 658, 660, 661 and 641), there are serious concerns that continually hinder the day to day Home living program and academic progress of the school as the conditions of these buildings continue to deteriorate.

K-8 Enrollment

<table>
<thead>
<tr>
<th>Grade Year</th>
<th>McNamara 5th</th>
<th>McNamara 6th</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012-2013</td>
<td>215</td>
<td>92.73%</td>
</tr>
<tr>
<td>2013-2014</td>
<td>169</td>
<td>93.25%</td>
</tr>
<tr>
<td>2014-2015</td>
<td>203</td>
<td>93.14%</td>
</tr>
<tr>
<td>2015-2016</td>
<td>150</td>
<td>94.16%</td>
</tr>
</tbody>
</table>

Accreditation Risk

- Residential heating unit failure – 2014. Students were to be sent home due to non-working boiler unit.
- School closure due to explosion of kitchen equipment on October 16, 2014.
- Cited for kitchen range hood fire suppression $4,037.09
  - Cited for loading dock and bumpers need upgrading.
- Sewer piping replacement $136,138.80 est.
- Fire in quarters unit in 2010. Insulation was flammable.
- A new fire alarm system needed to be installed due to bad system. Connection, sound, and design were not compatible to school requirements.
- In the back log there is indications that a whole new water/sewer waste line needs to be installed within each of the buildings. $136,138.80.
Accreditation Risk
- Install new water lines and fire hydrants
- Installation of generators $428,906.00 est.
- Installation of vapor outlets for propane lines
- Engineering study for new lagoons - new lines and overall repairs.
- Replacement of concrete sidewalks $1,500,000.00 backlog
- Design and build a new bus bay with electrical hook-ups.
- Replace all asphalt roads $369,486.00 backlog
- Replace east parking lot $337,000.00 backlog
- Upgrading the 100,000 gallon elevated water tank $237,157.00. This serves all buildings and housing area.

School Age

<table>
<thead>
<tr>
<th>Age</th>
<th>Count</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-5</td>
<td>123</td>
<td>Early Childhood Education (ECE)</td>
</tr>
<tr>
<td>6-8</td>
<td>234</td>
<td>Elementary School (ES)</td>
</tr>
<tr>
<td>9-12</td>
<td>178</td>
<td>Middle School (MS)</td>
</tr>
<tr>
<td>13-18</td>
<td>345</td>
<td>High School (HS)</td>
</tr>
</tbody>
</table>

Cultural Space Needs
- Buildings created that are more "kid" or "student" friendly and provide safety and are secure.
- School designed that promote the "whole child" aspect and their development.
- Providing a school or classrooms that reflect the culture of students, parents, teachers, and stakeholders - Hogan style classrooms (Navajo Language and Culture class), libraries and meeting rooms.
- A non Institutionalized government structure, more inviting.
Cultural Space Needs

- Establish cultural practices such as having a student drop-off area that is facing the east. Students are greeted by their Nations flags, and they proceed through an entry way that faces east...all promoting their culture and well being. Special Education accessibility in and around all buildings for students and their parents.
- An environment that promotes the use of the integration of technology use throughout the school with technology upgrades.
- Residential building facing east to welcome students throughout the week as our culture is important to us. A facility that is more 'home'.