

Ramapo Indian Hills Regional High School District

Capital Improvement Projects

Proposed For

2018-2019

Proposed Capital Improvement Projects

Index

Project	Page
Index	2
IHHS – Bathroom Upgrades	3-4
IHHS – Roof Snow Guard Installation	5-6
RHS – Roof Recoating	7-8
Projects Funding Summary Matrix	9

Proposed Capital Improvement Projects

IHHS Bathroom Upgrades Rooms 802F and 802W

History

These bathrooms are original to the school as constructed in 1962. Over time the partitions and some of the fixtures have been replaced. The plumbing has undergone many repairs. The wall, floor and ceiling are as originally constructed.

Justification

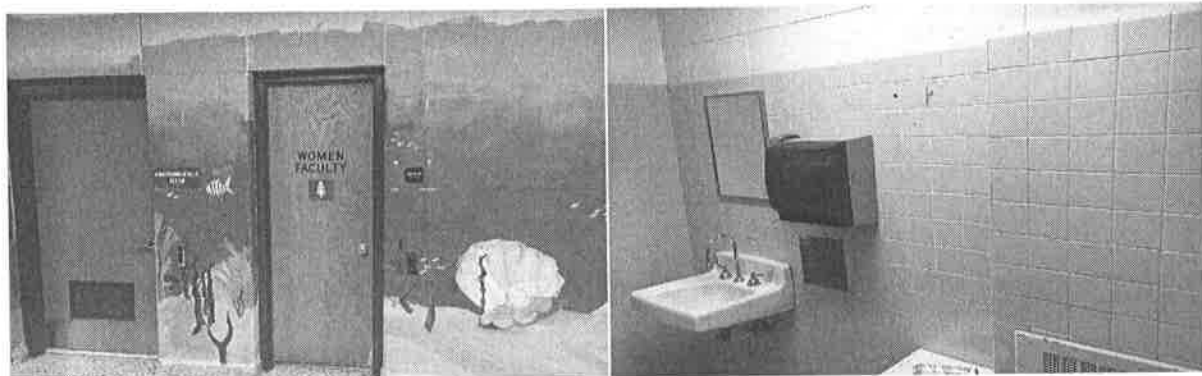
The bathrooms are 55 years old and are difficult to maintain, clean and sanitize and require continual repairs. The walls are painted and not tiled contributing to the difficulties with sanitizing the rooms. The bathrooms are not compliant with modern building codes or the Americans With Disabilities Act.

Scope of Work

Demolish the interior of the room and install new tile walls and floors, new fixtures and partitions. Make the rooms compliant with modern building codes and the Americans with Disabilities Act.

Project Budget

\$181,000.00



Proposed Capital Improvement Projects

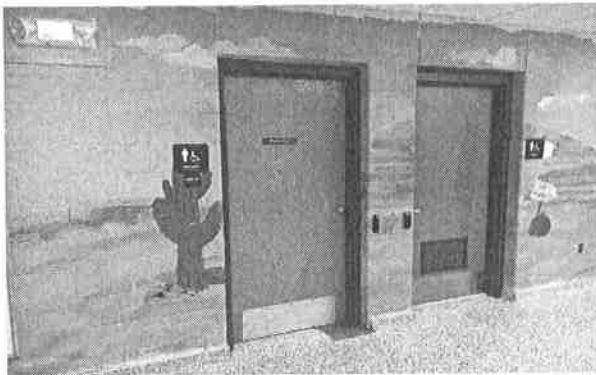
802W



802W



802W



802W



802F



802F



802F

802F

IHHS – Entrance Canopy Roof Snow Guard Replacement

History

The blue standing seam entrance canopy roof was installed as part of the Horizon Project in 2003. At the time of installation the roofs received plastic glue applied snow guards and only at the roadside of the roof. At the time these guards were installed they were the industry standard. Over time they have proved to be inadequate because the material used to adhere them to the roof fails, they simply break into pieces and even when they remain intact, do not always keep the snow from sliding from the roof.

Proposed Capital Improvement Projects

Justification

Guards were not installed on many of the roofs and where they were, some are missing and others are broken. This creates an unsafe condition for anyone walking below the canopy and has resulted in the necessity to barricade and caution tape the front area of the school following snowfall events.

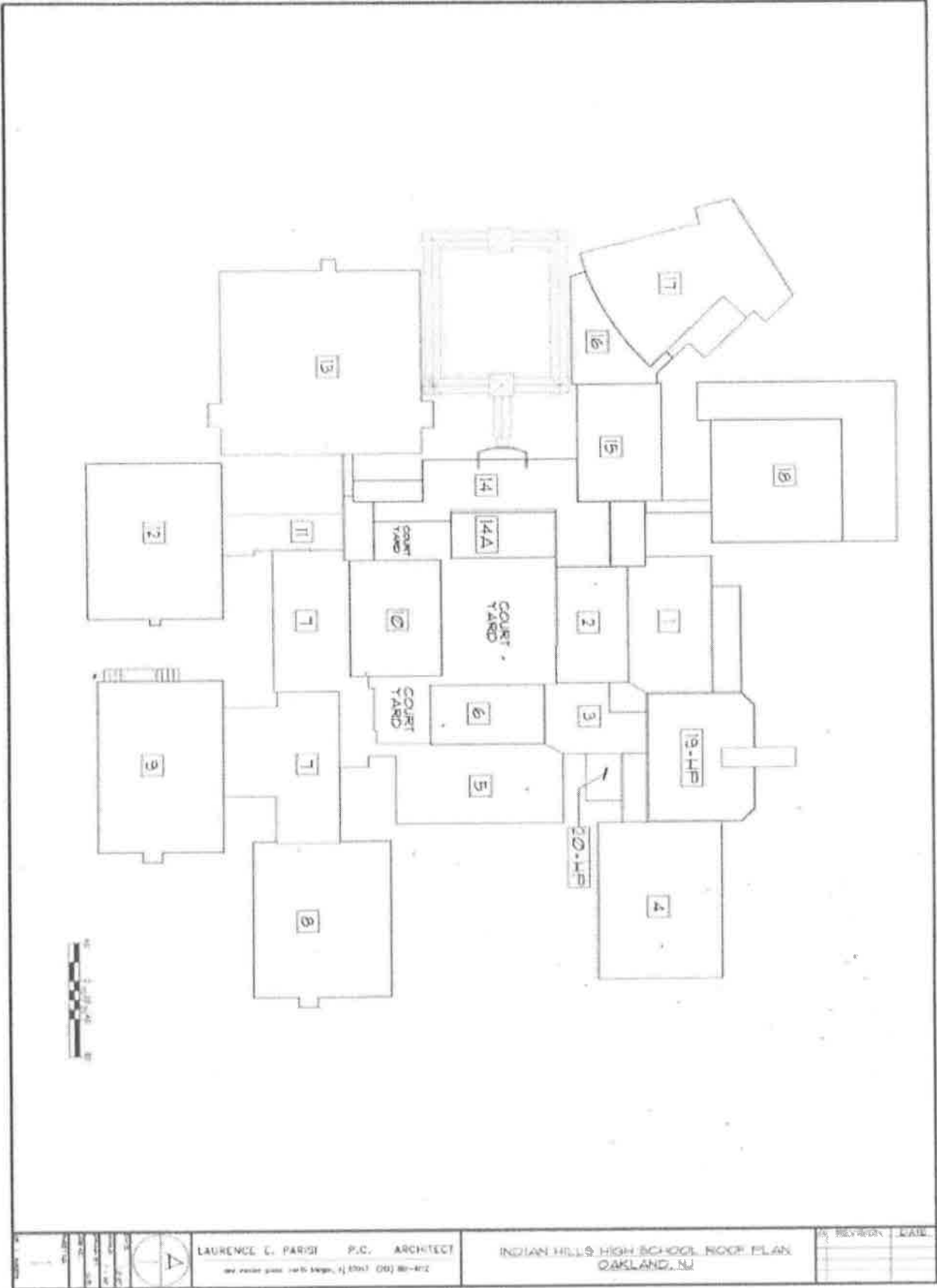
Scope of Work - IHHS

New snow guards will be installed and pressure clamped to the standing seems of the roof. This is a traditional installation and was used with such roofs prior to the introduction of the plastic type previously mentioned. The guards are made of stainless steel to prevent them from rusting and form a bar across the entire lower edge of the roof. The bar serves to prevent the snow from sliding off the roof. An example of the snow guard can be seen from the ground on the barrel roof by the tennis courts at the rear of the school. In that application, 2 rows of bars were installed. On this project one bar will be used due to the smaller nature of the roofs.

Project Budget

\$82,000.00

Proposed Capital Improvement Projects



Proposed Capital Improvement Projects

RHS - Roof Recoating

History

Since the early 1980's the school district has transitioned from traditional asphalt roof systems to spray applied foam systems. The overwhelming majority of roofs on both schools are now foam/silicone. Constructed with two-component urethane foam with an applied topping or wear surface of silicone, the existing roofs require a silicone maintenance coating every 10 years.

Justification

To maintain roof warrantee for the below listed roof, it is necessary to perform maintenance inspections, repairs and periodic surface recoating. Roof warrantees for the designated roof section below will terminate in 2018.

Scope of Work - IHHS

Repair compromised roof sections, clean entire roof and apply silicone wear surface. The proposed recoating will offer an extended 15-year warrantee due to improvements with coating technologies and application thickness.

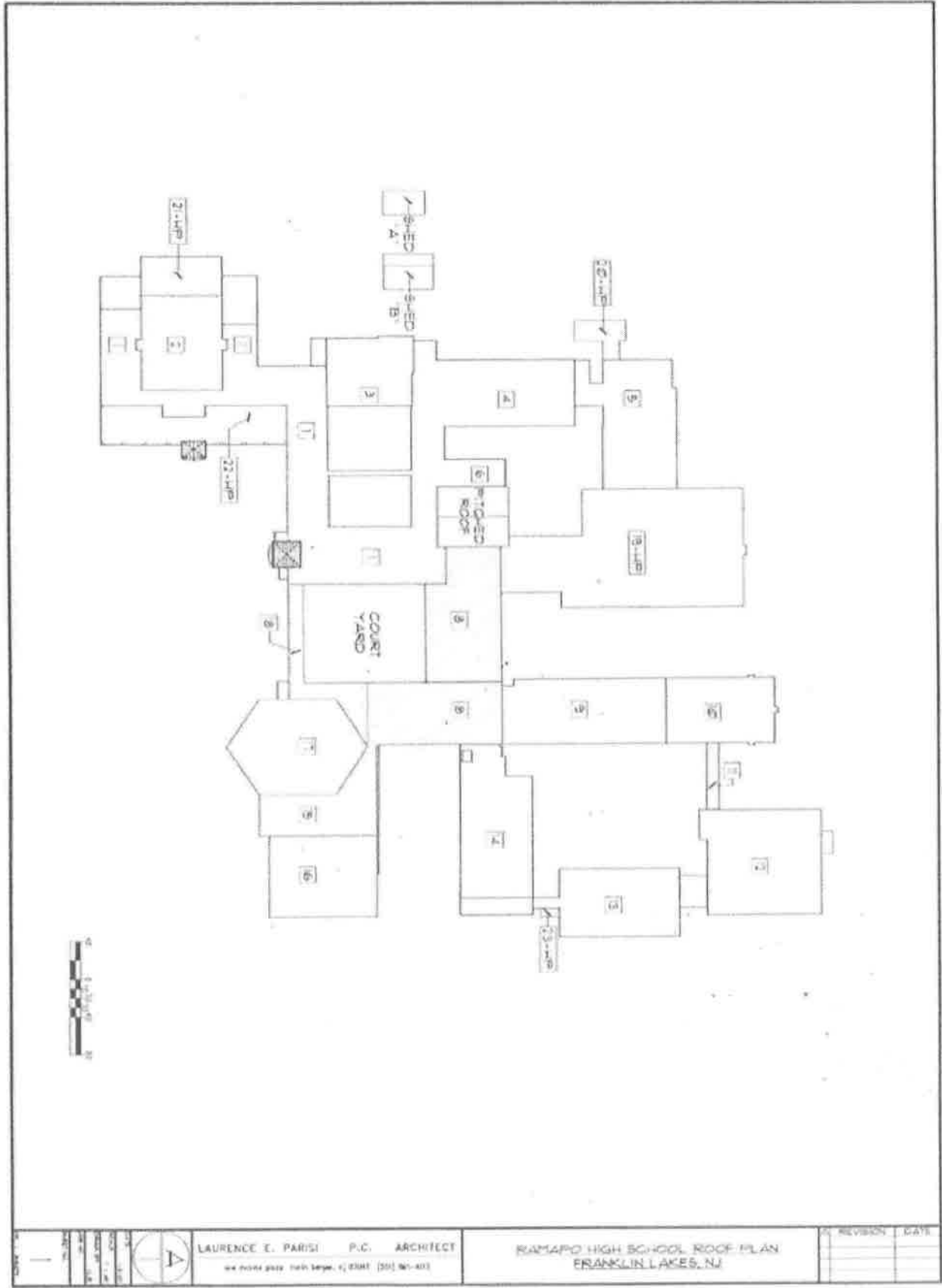
Roofs include:

Section	Description	Square Feet
8	200 Wing	9,900

Project Budget

\$87,000.00

Proposed Capital Improvement Projects



Proposed Capital Improvement Projects

Projects Funding Summary

2018-2019 Capital Project Costs

IHHS Bathroom Upgrades	\$181,000.00
IHHS Roof Snow Guard Installation	\$82,000.00
RHS Roof Recoat	\$87,000.00
Total	\$350,000.00