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***COMMITTEE OF THE WHOLE
MEETING***

NOVEMBER 27, 2006

MILLARD PUBLIC SCHOOLS

The Board of Education will meet on Monday, November 27, 2006, at 7:00 p.m. at the Don Stroh Administration Center, 5606 South 147th Street.

The Public Meeting Act is posted on the Wall and Available for Public Inspection

Public Comments on agenda items - This is the proper time for public questions and comments on agenda items only. Please make sure a request form is given to the Board Vice-President before the meeting begins.

AGENDA

1. Building Fund Construction Project Requests

Minutes
Committee of the Whole
November 27, 2006

The members of the Board of Education met for a Committee Meeting on Monday, November 27, 2006 at

7:00 p.m. at the Don Stroh Administration Center, 5606 South 147th Street. The agenda for the meeting was on the building fund construction project requests, and an update from the District's lobbyist, Bill Mueller.

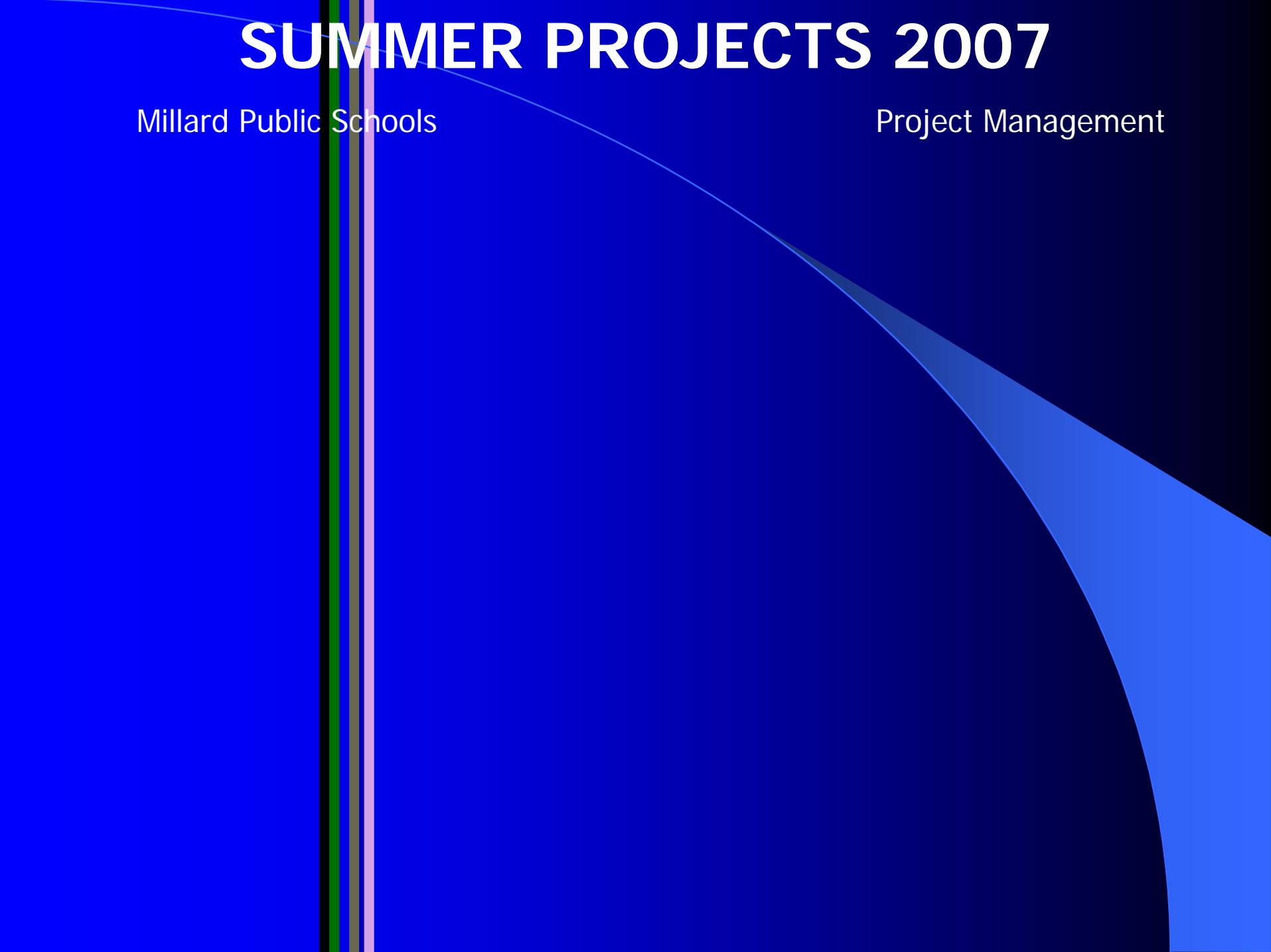
PRESENT: Brad Burwell, Mike Pate, Julie Johnson, Linda Poole, Mike Kennedy, and Jean Stothert.

Others in attendance were Keith Lutz, Ken Fossen, Bill Mueller, Ed Rockwell, guests from various construction entities, and other school administrators.

SUMMER PROJECTS 2007

Millard Public Schools

Project Management



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Projects were initially recommended and prioritized by the Maintenance Department, then reviewed and prioritized by the District's Special Projects Committee on October 9, 2006.

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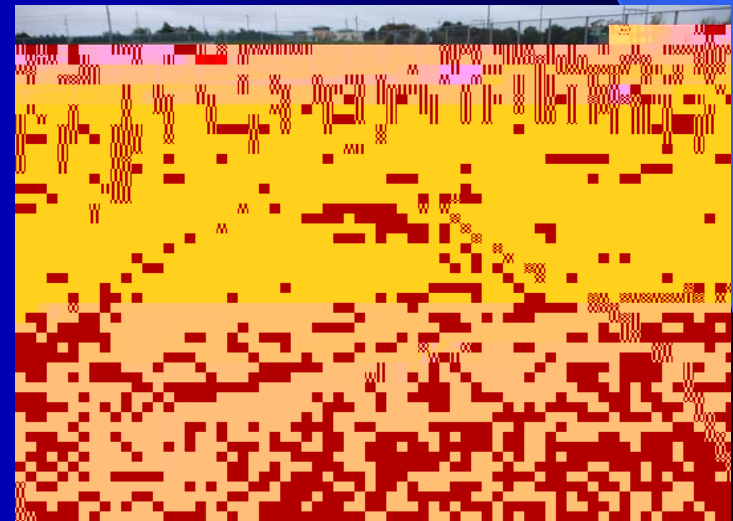
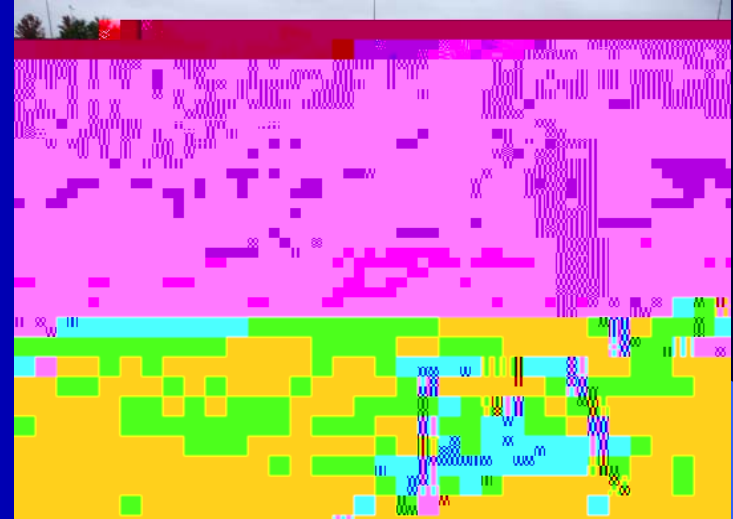
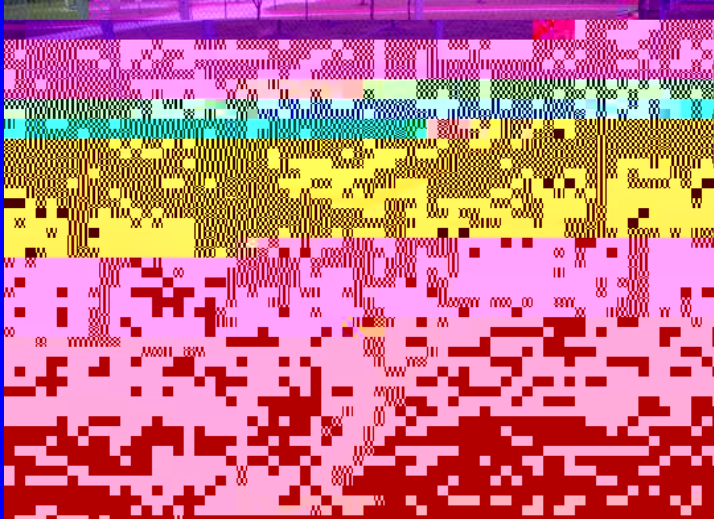
•Athletics:	NHS & SHS Tracks, WHS Tennis Courts
•Paving:	Holling Hgts, Rockwell, NMS, Buell Stadium
•Irrigation:	AMS, BMS, CMS, NMS
•Weatherproofing:	Bryan, Harvey Oaks, Holling Hgts, KMS
•Exterior:	Neihardt Soffits & Fascia
•Roofs:	Sandoz, Holling Hgts, NHS
•Mold Remediation:	NHS
•Doors/Frames:	8 Buildings
•Flooring:	Aldrich, WHS
•HVAC:	Ezra, Sandoz, AMS, BMS, CMS, RMS
•Plumbing:	Cottonwood, Hitchcock
•Painting:	AMS

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WHS Tennis Courts



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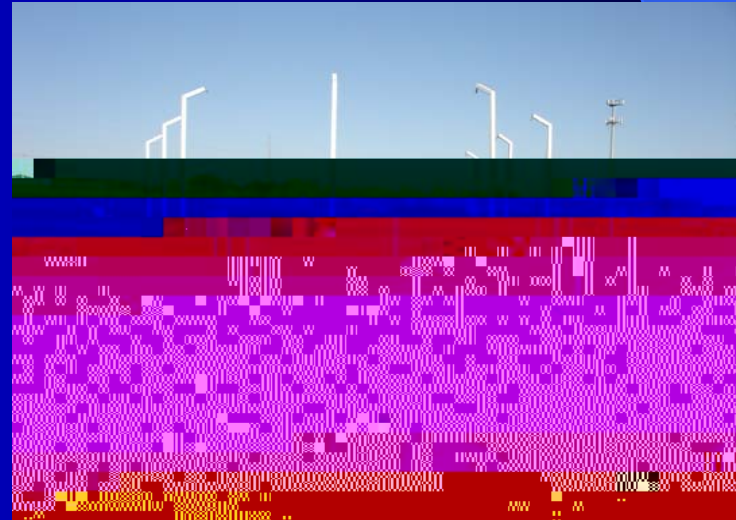
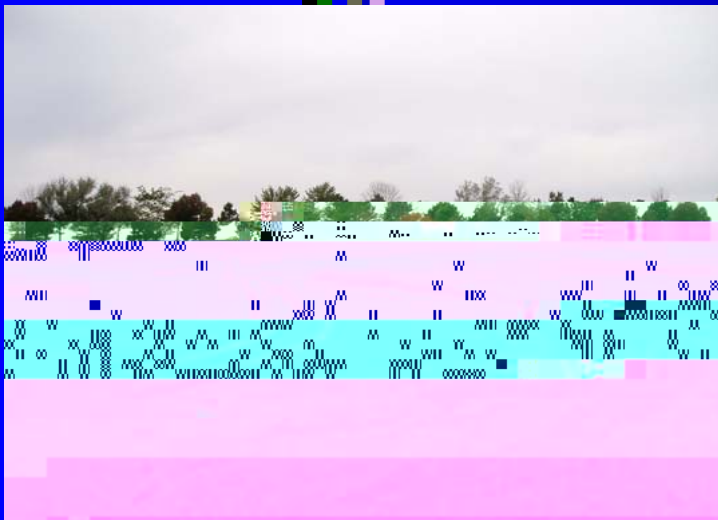
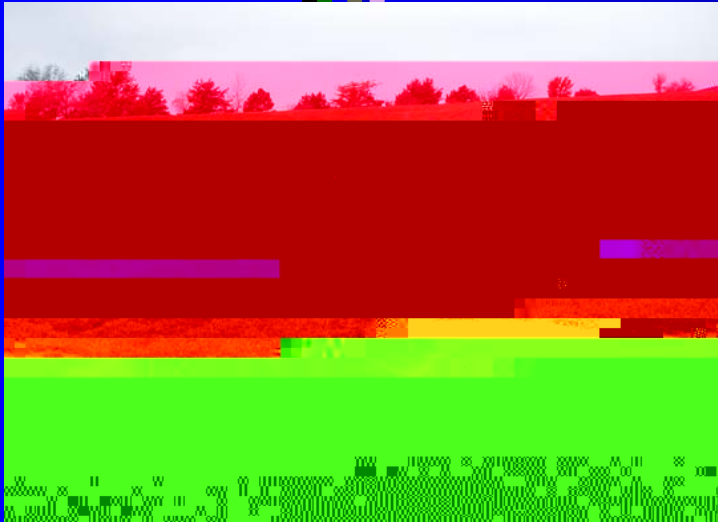
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NHS & WHS Shot Put & Discus Sectors

NHS

WHS

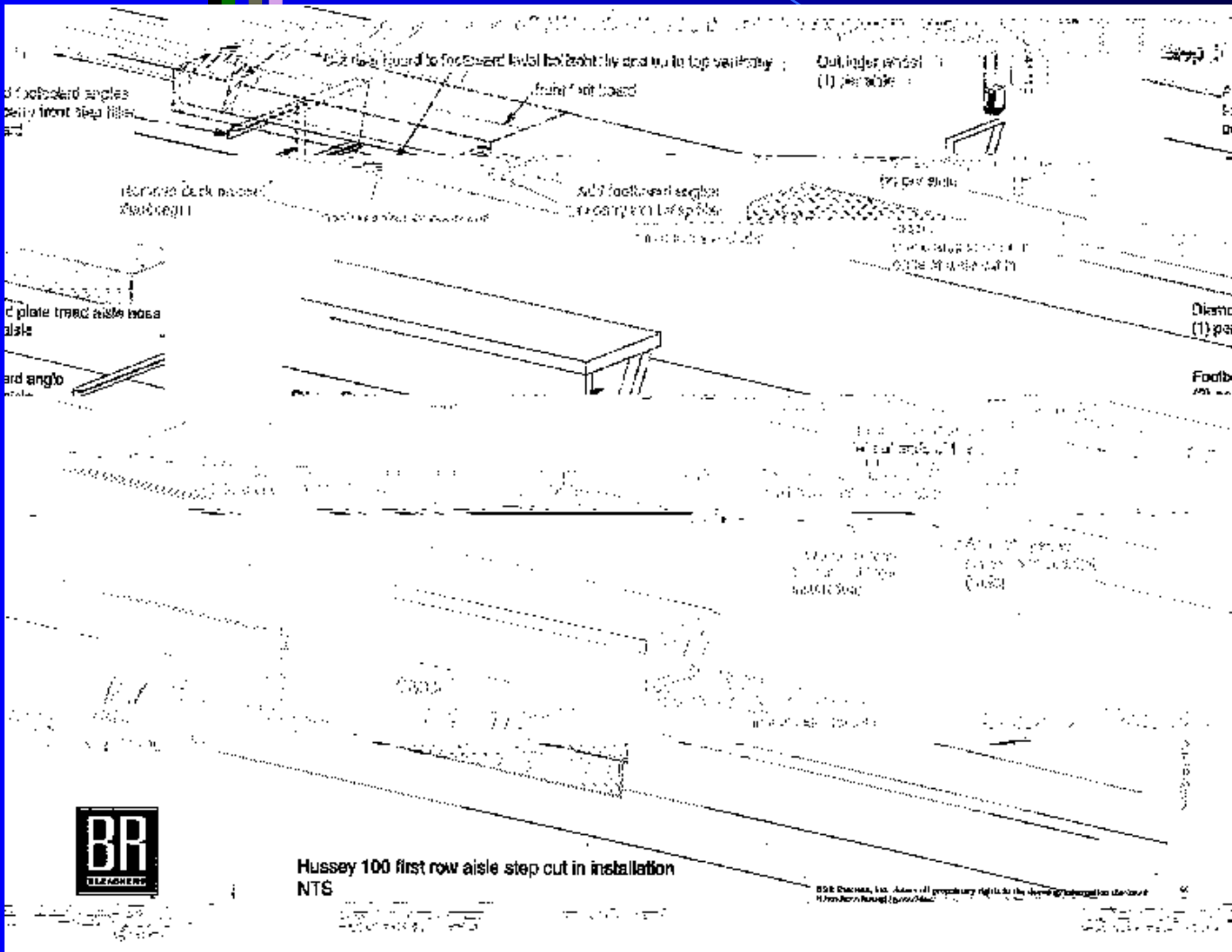


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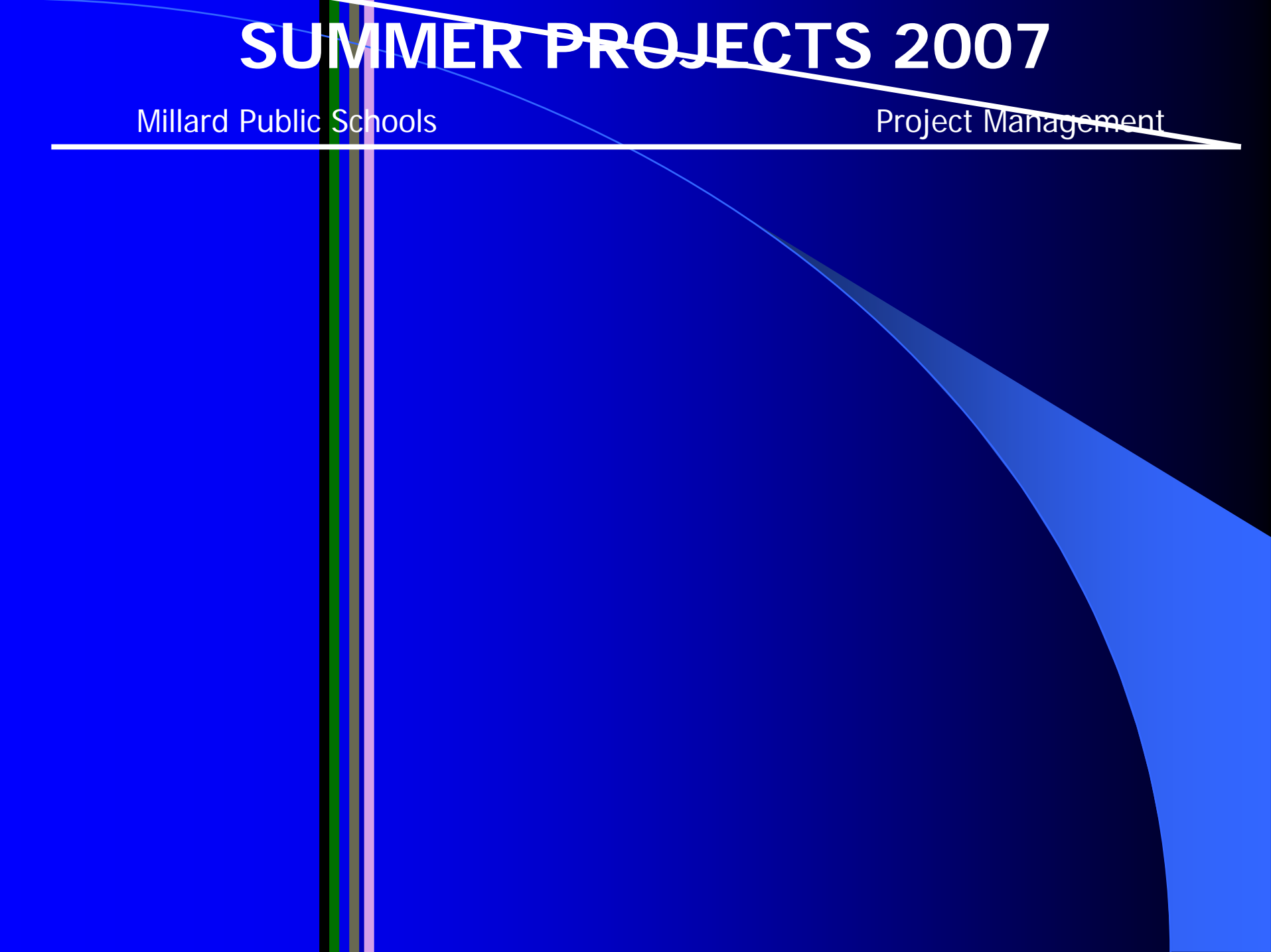
Bleacher Aisle Steps: AMS, RMS, NHS



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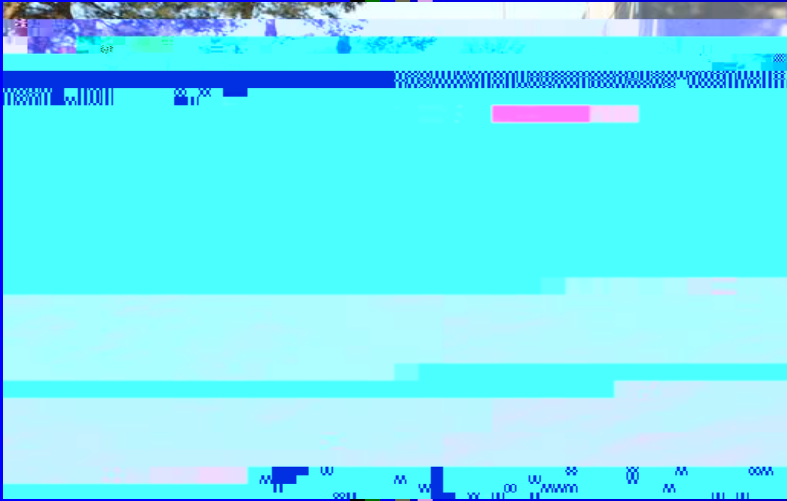


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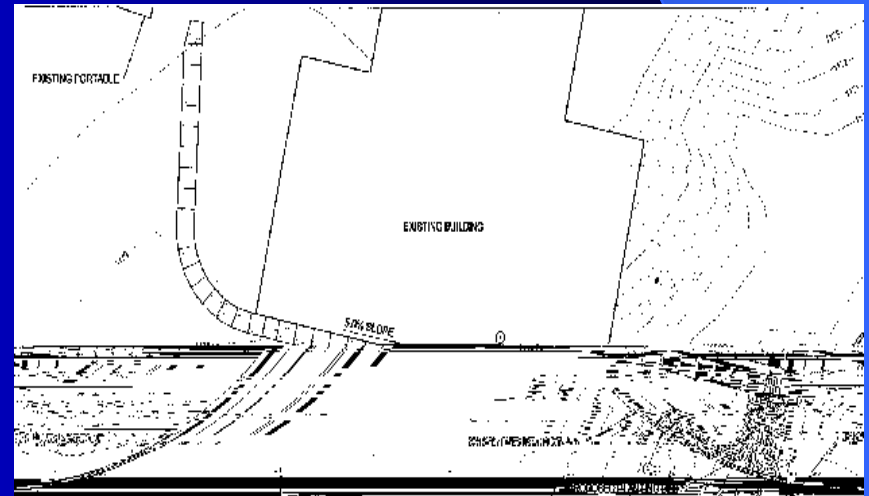
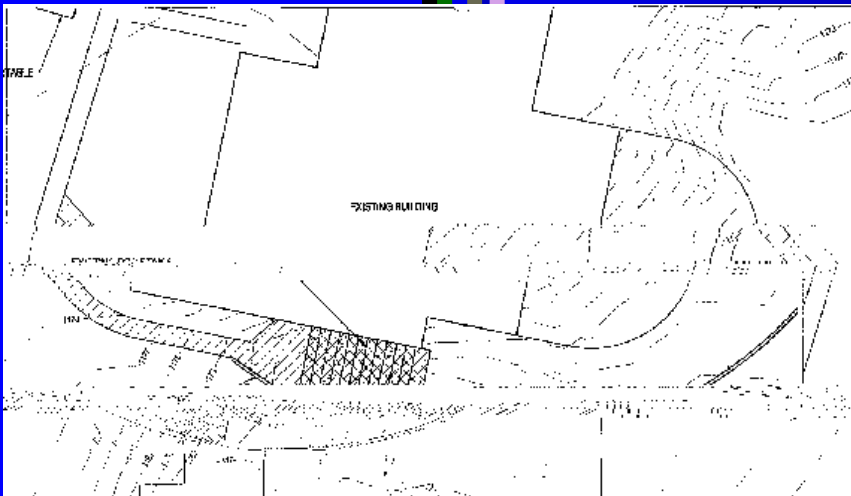
Rockwell Concrete Steps



Existing Plan



New Plan



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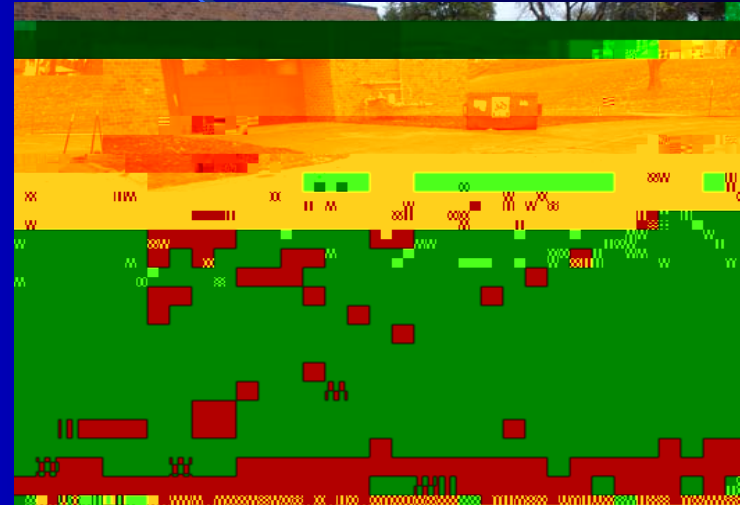
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NMS Paving

Dock & West Drive: Base Bid

South Drive: Alternate 1



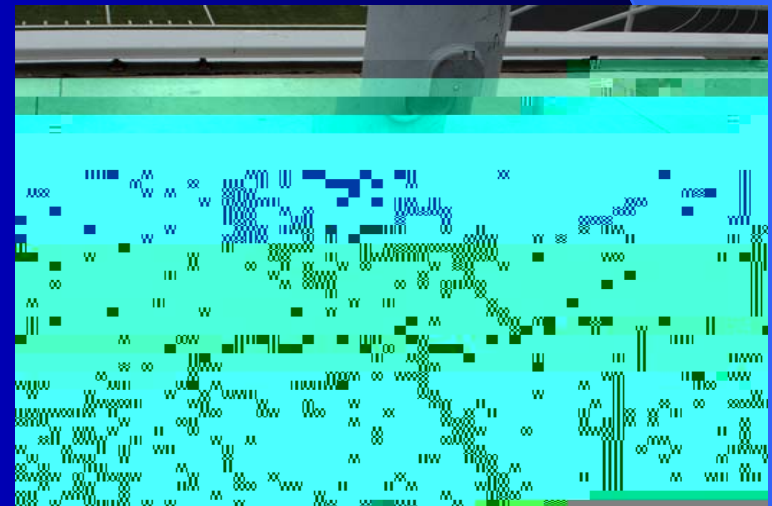
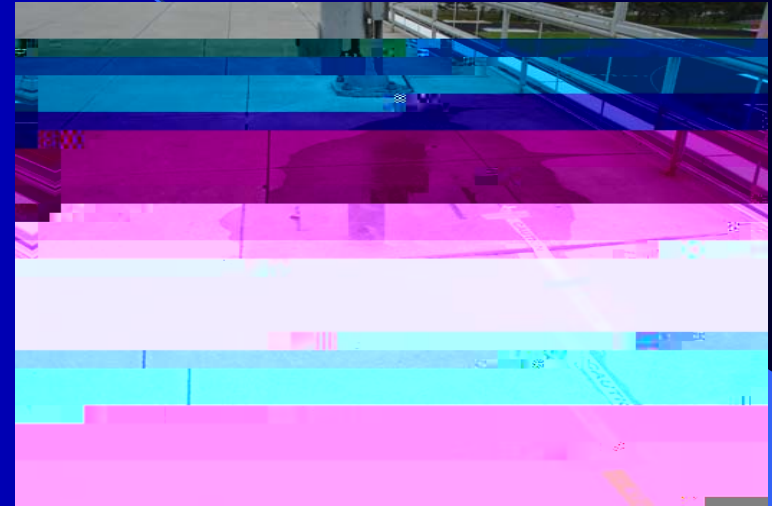
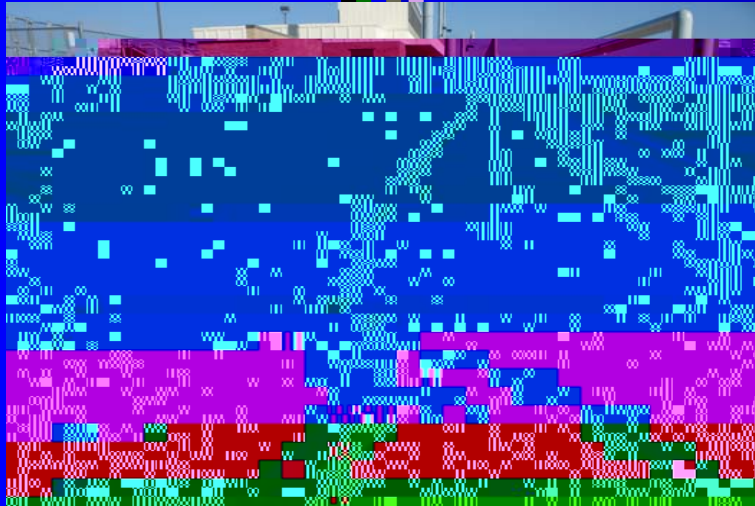
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Buell Stadium Upper Deck



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Irrigation Management System AMS, BMS, CMS, NMS

Connects local, independent irrigation controls to the computers of centrally-based managers through existing radio frequency and data network systems. Three high schools were completed and brought on-line in summer 2006.

Benefits

- Provides full remote control of significant irrigation systems by district-level managers
- Reduces water consumption
- Ensures district-wide continuity for irrigation practices, quantities, start/stop times, etc.

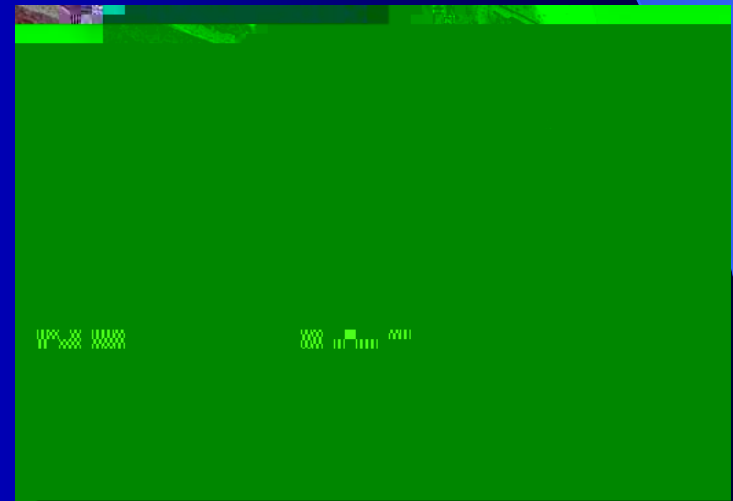
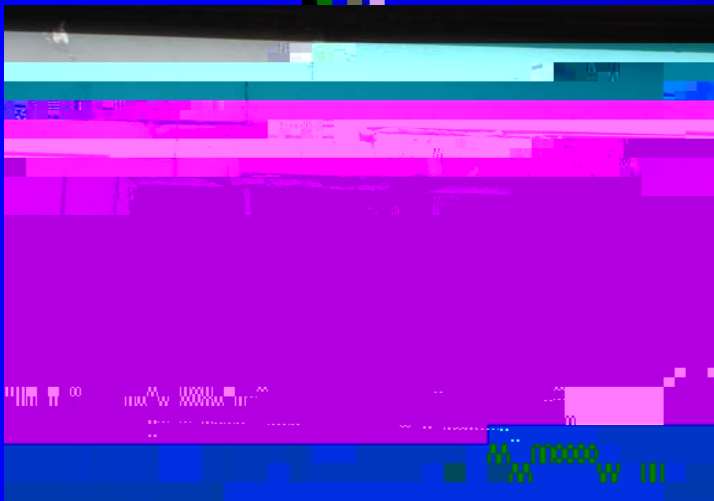
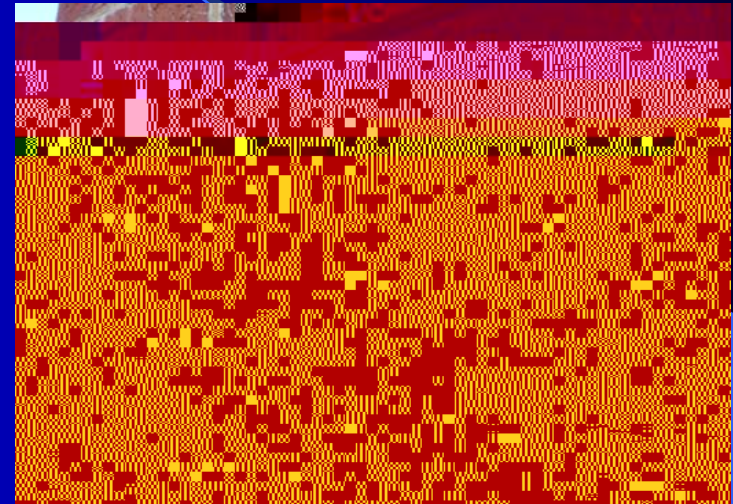
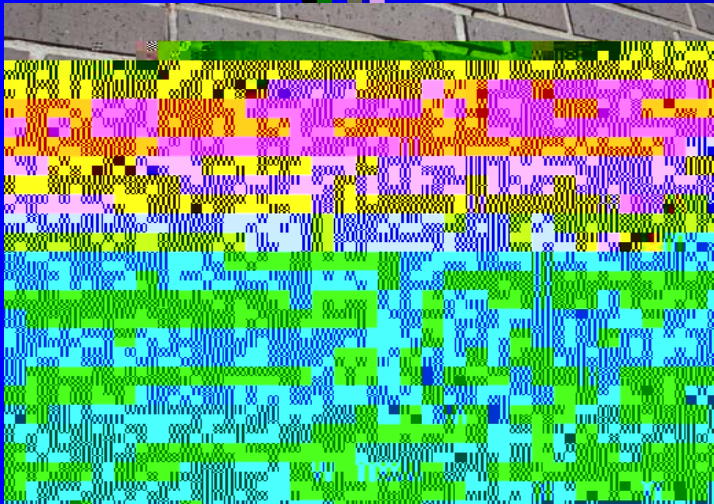
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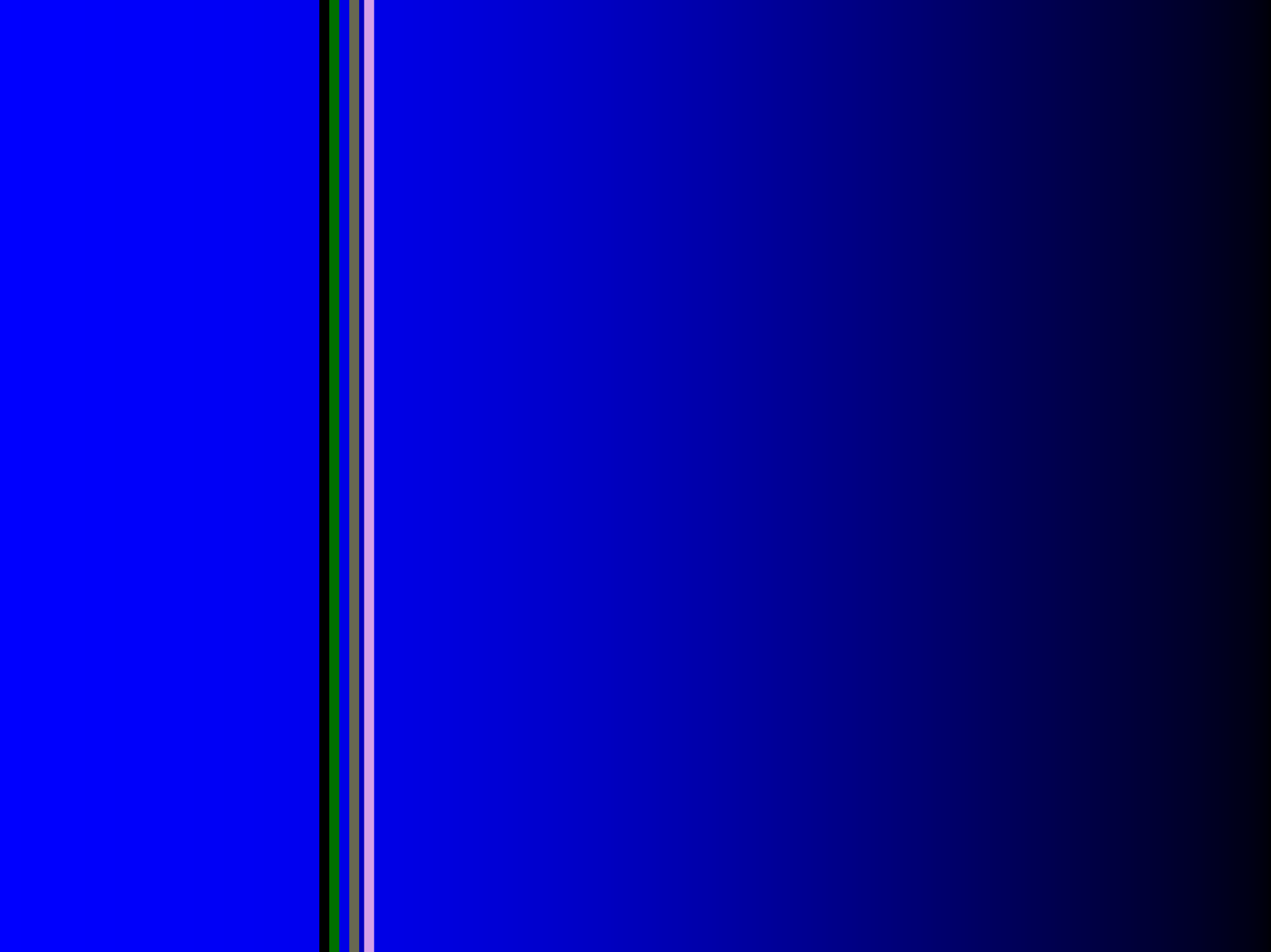
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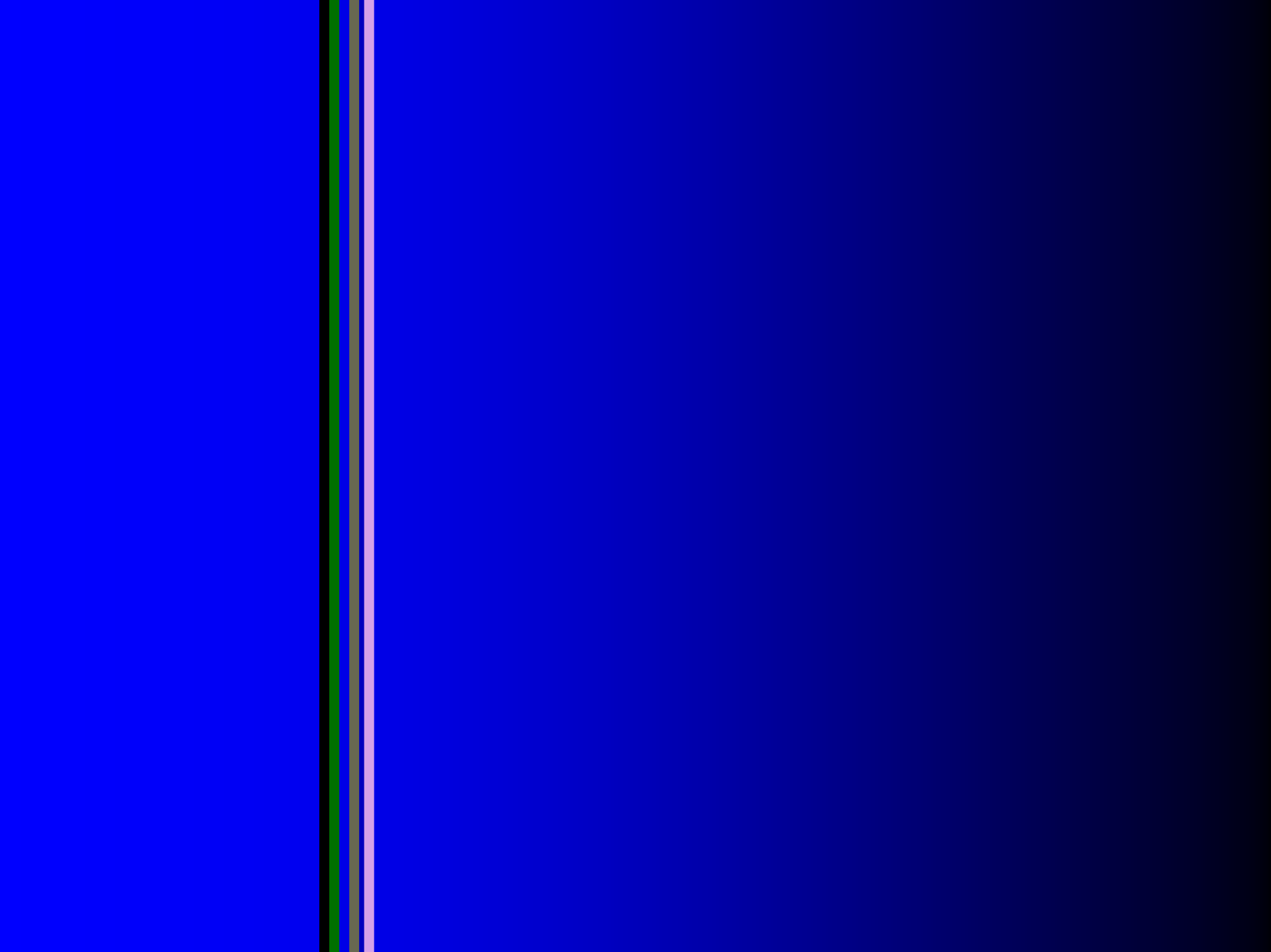
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Weatherproofing Projects Bryan, Harvey Oaks, Holling Heights, KMS



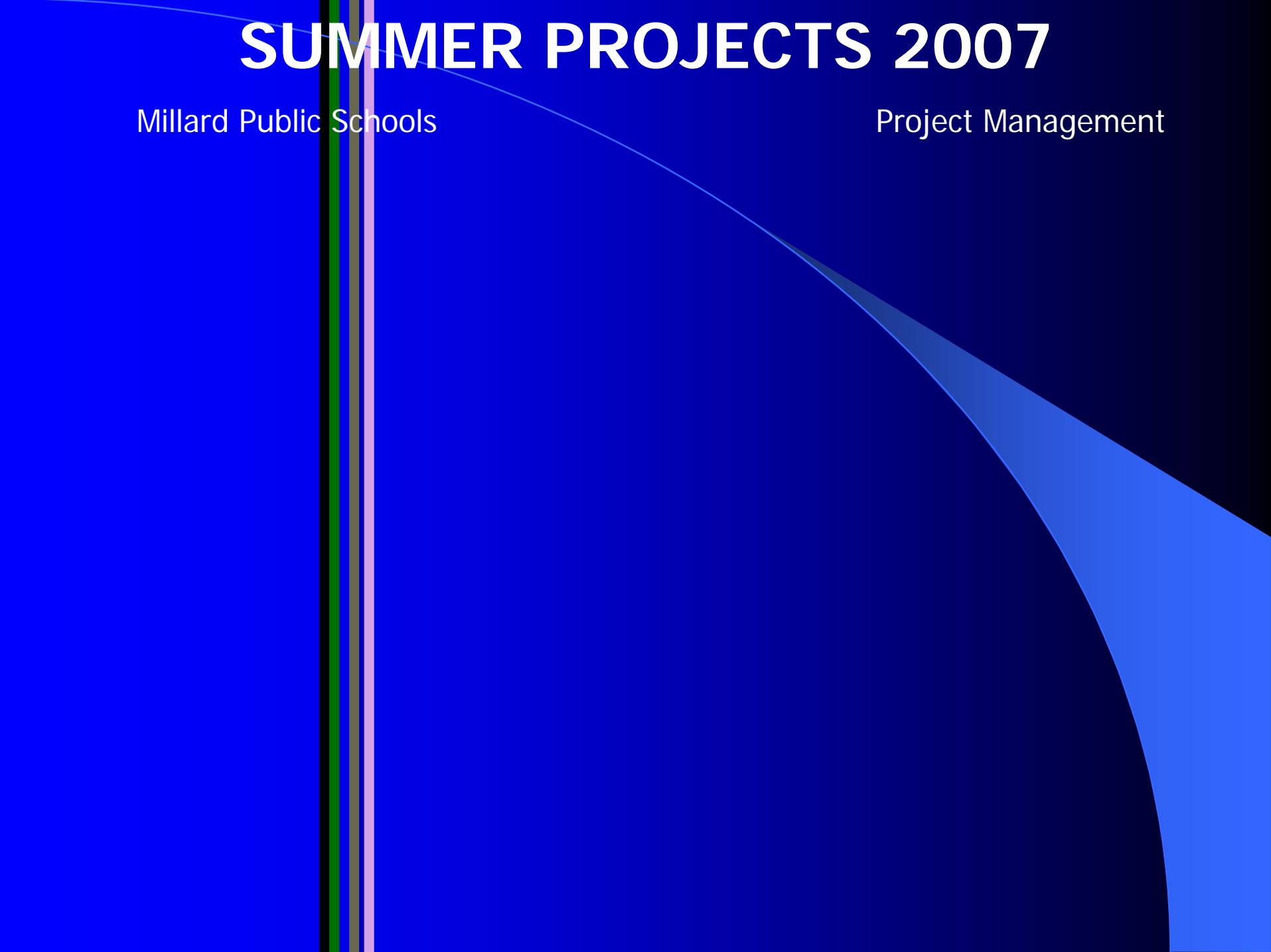




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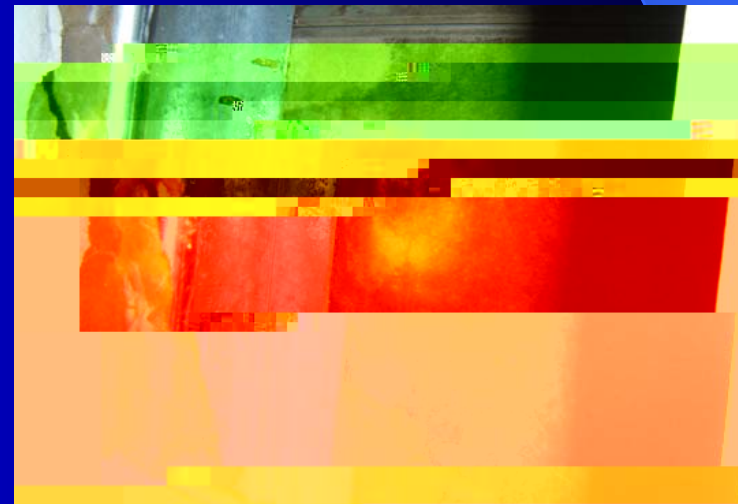
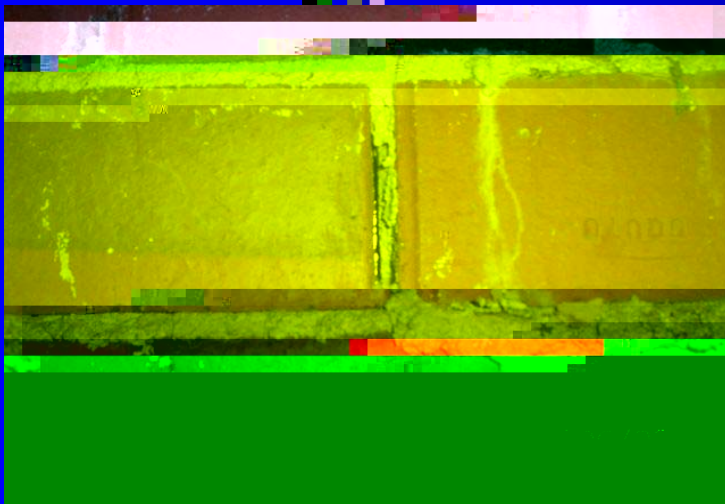
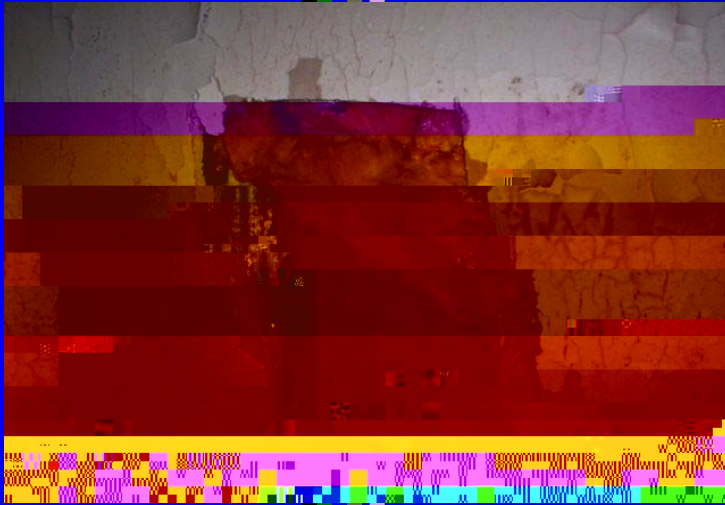
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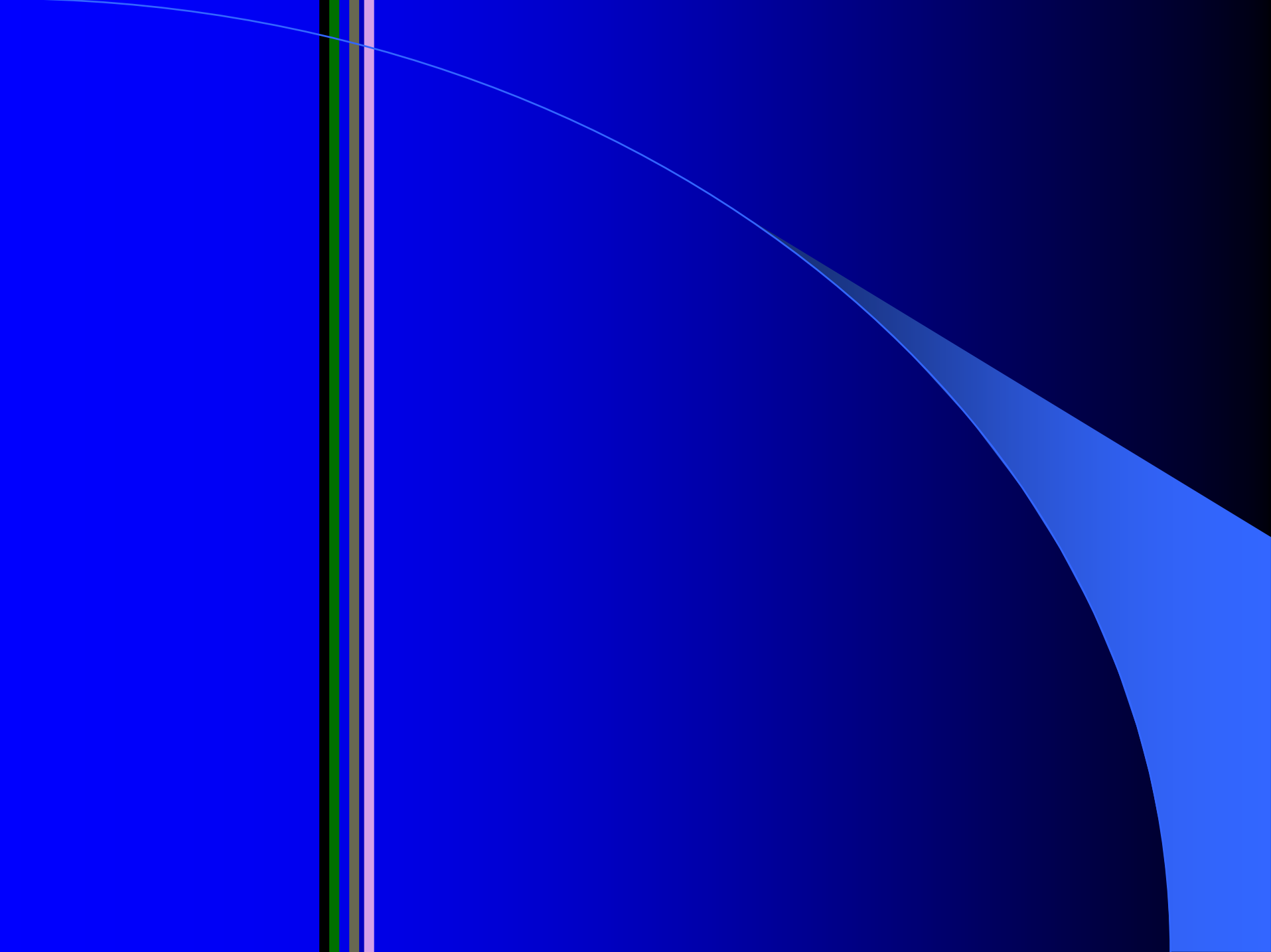
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North High School Mold Remediation





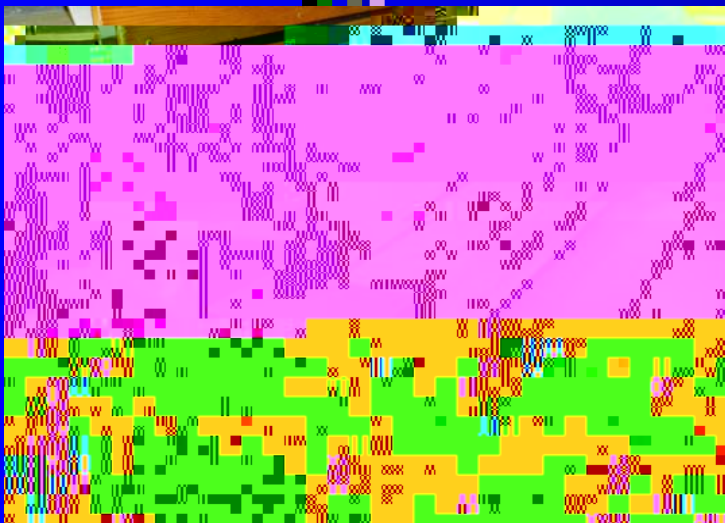
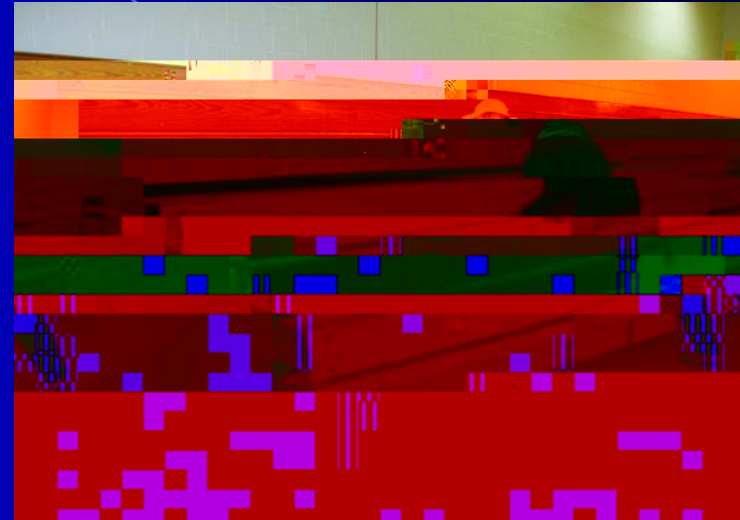
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NMS Bleacher Power Drive System



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Exterior Door and Frame Replacements

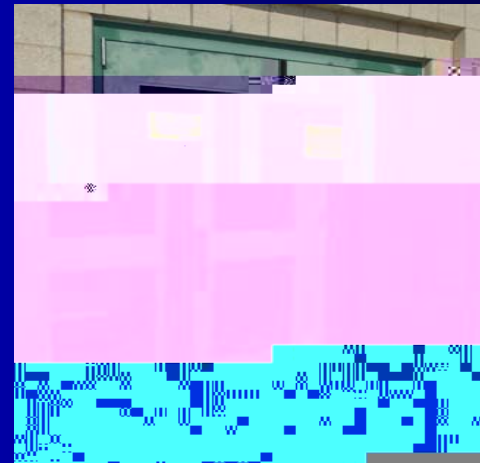
Cather, Cody, Harvey Oaks, Neihardt, KMS, RMS, NHS, SHS
Cather Neihardt



Cody



RMS



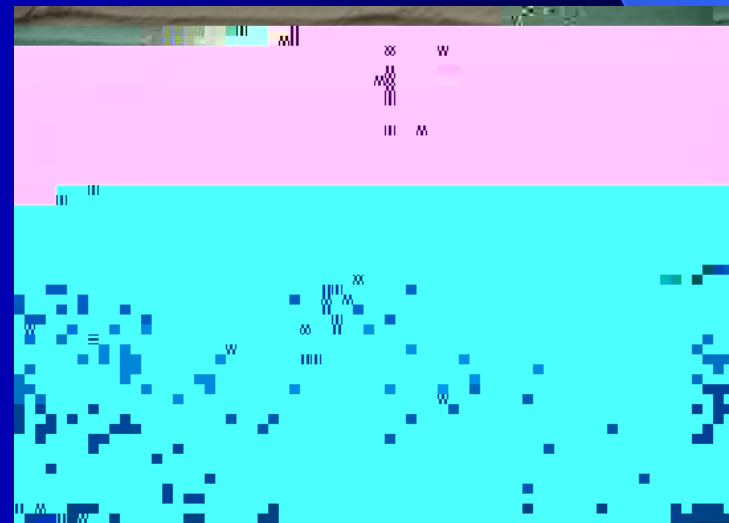
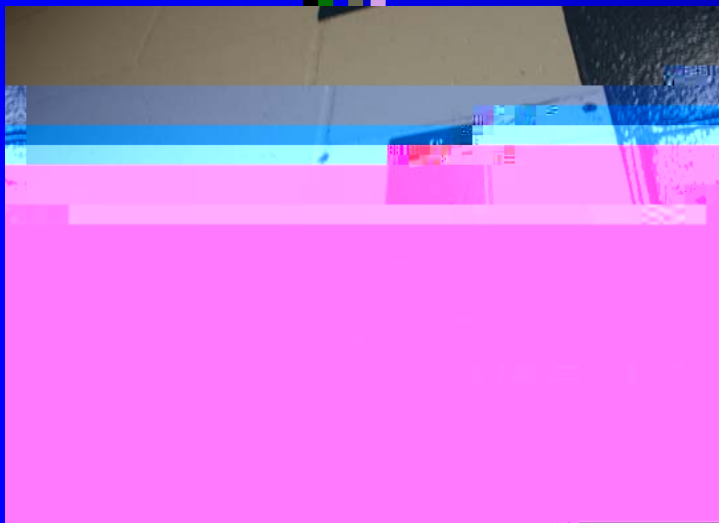
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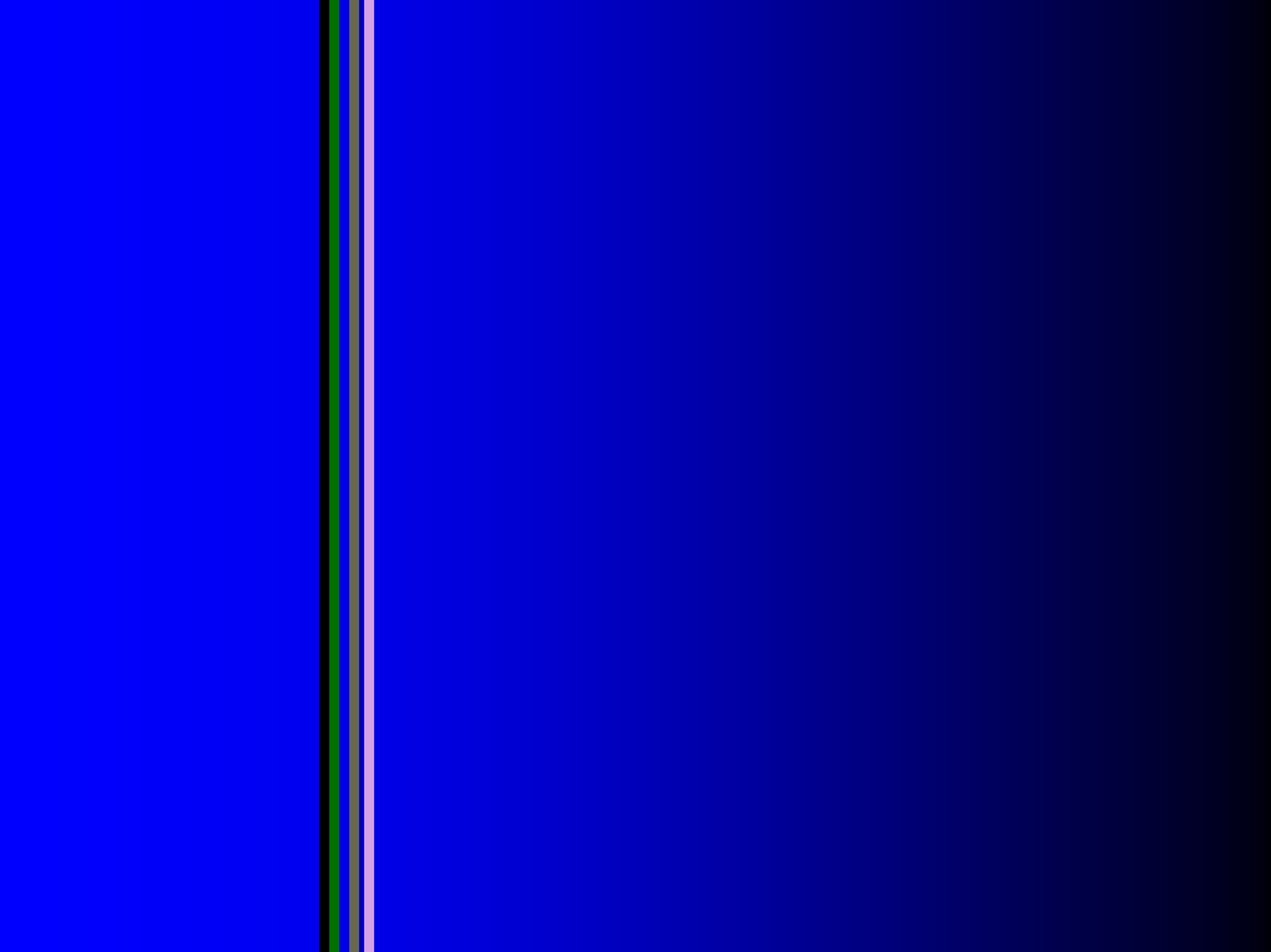
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AMS Painting at Corridors & Commons





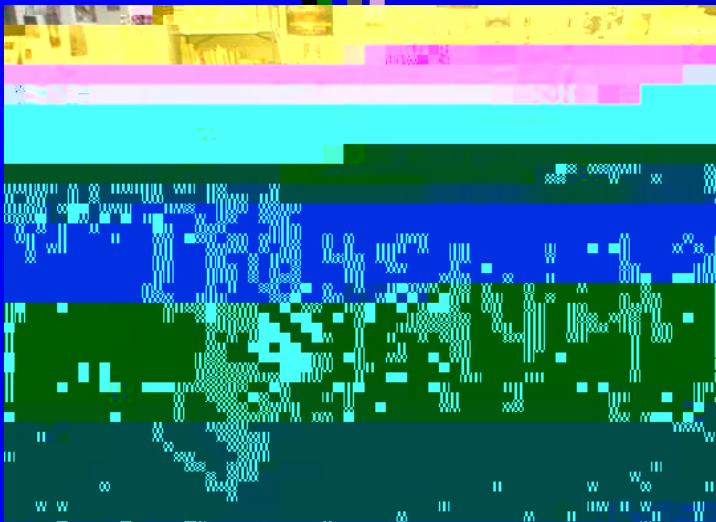
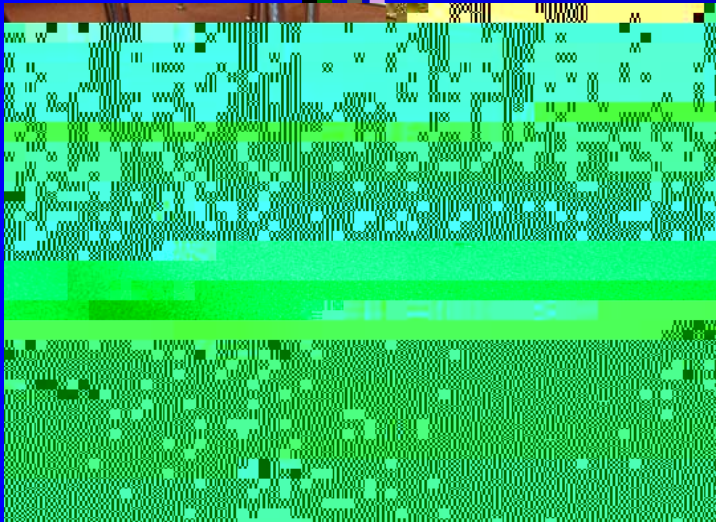
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WHS Carpet Replacement Phase I of III



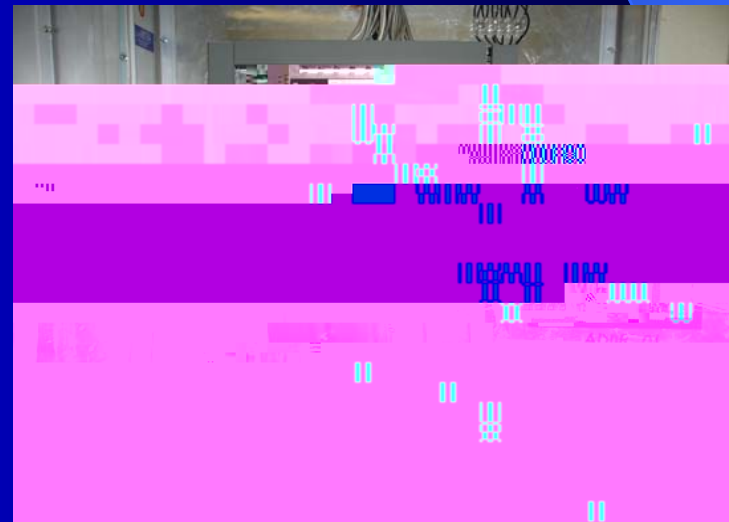
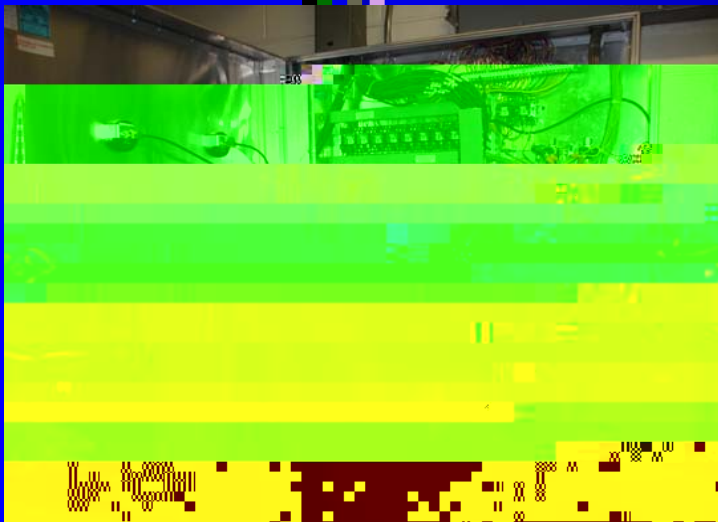
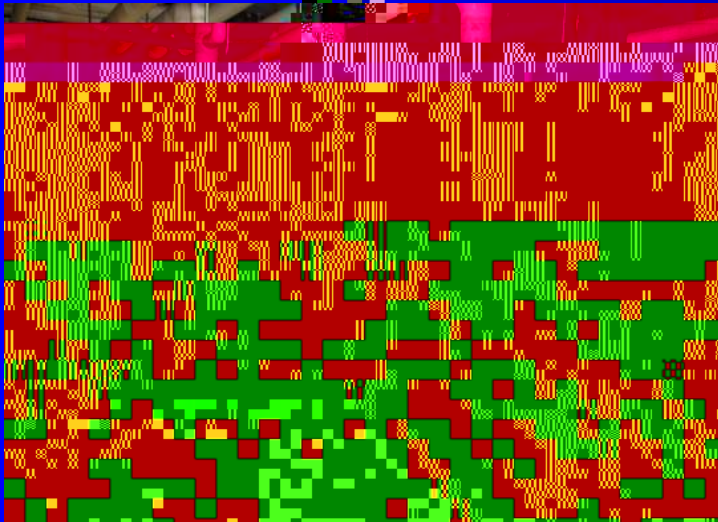
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Ezra HVAC Improvements

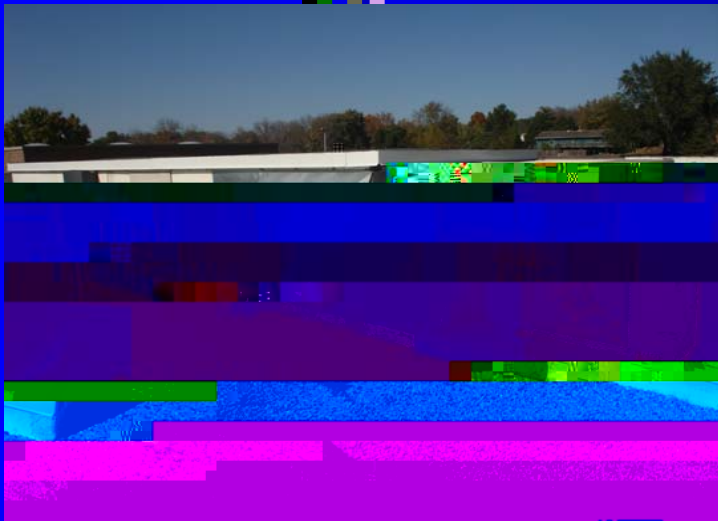
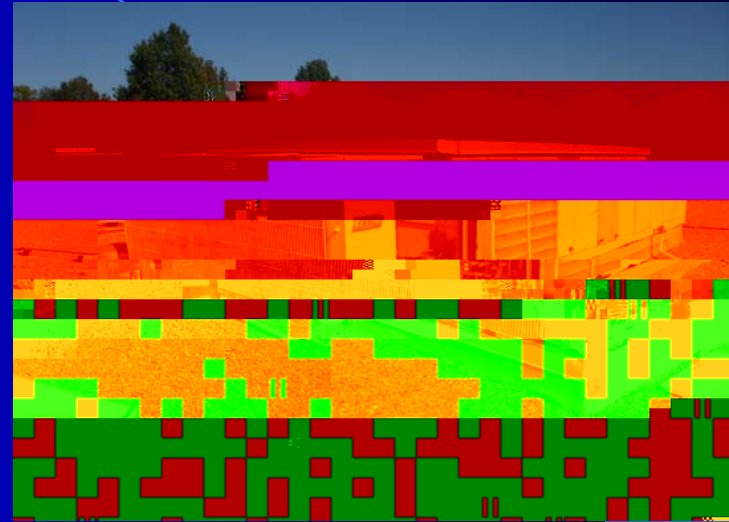


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Sandoz Replacement Roof Top HVAC Units



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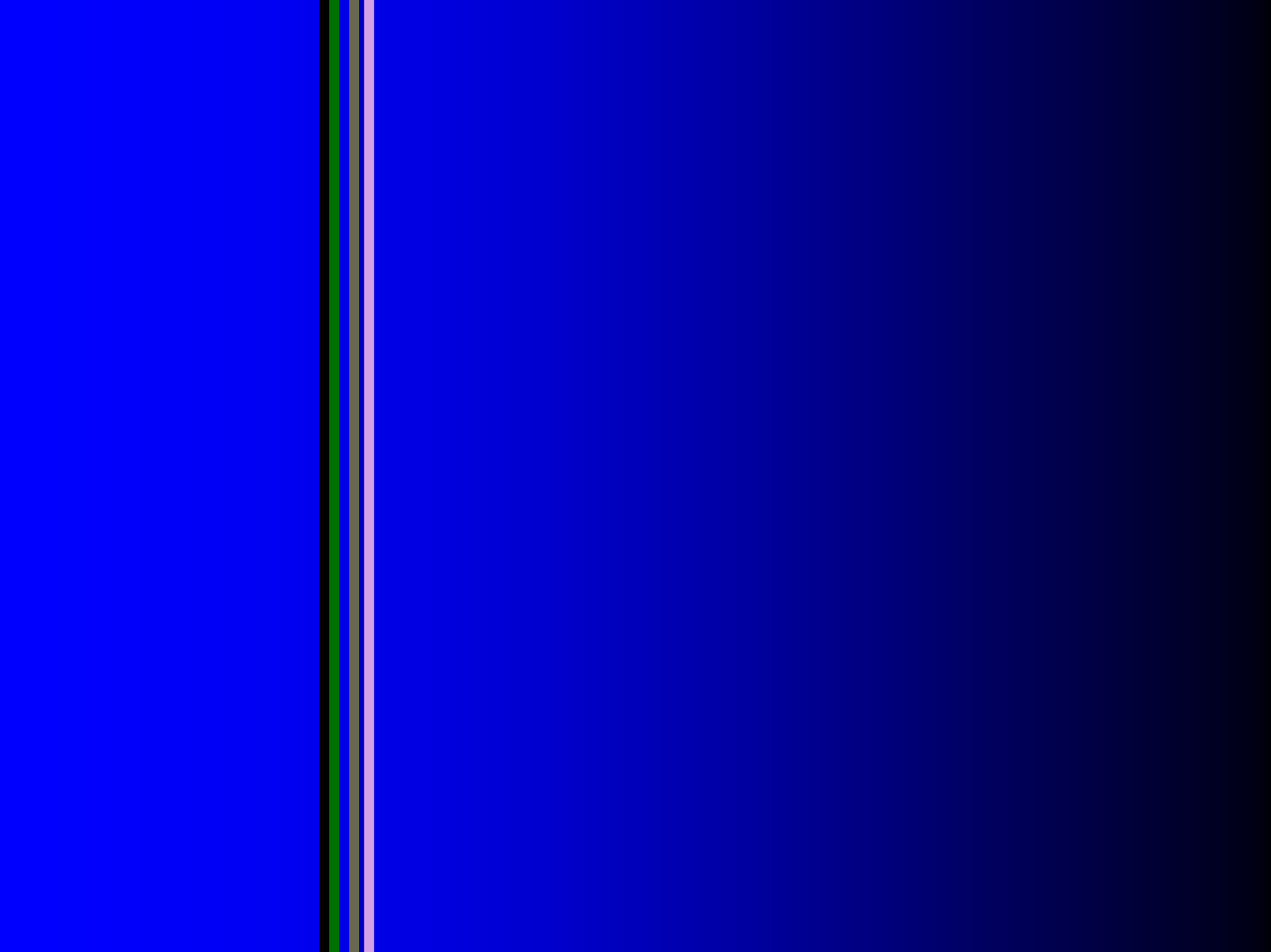
AMS HVAC Improvements Phase II of II

An HVAC study, DDC control installation, mechanical repairs, re-balancing and re-commissioning were all completed in summer 2006. Results clearly indicated the need for Phase II.

Phase II scope will upgrade the ventilation equipment and install additional dehumidification capability for outside air.

The criteria for the Phase I work were:

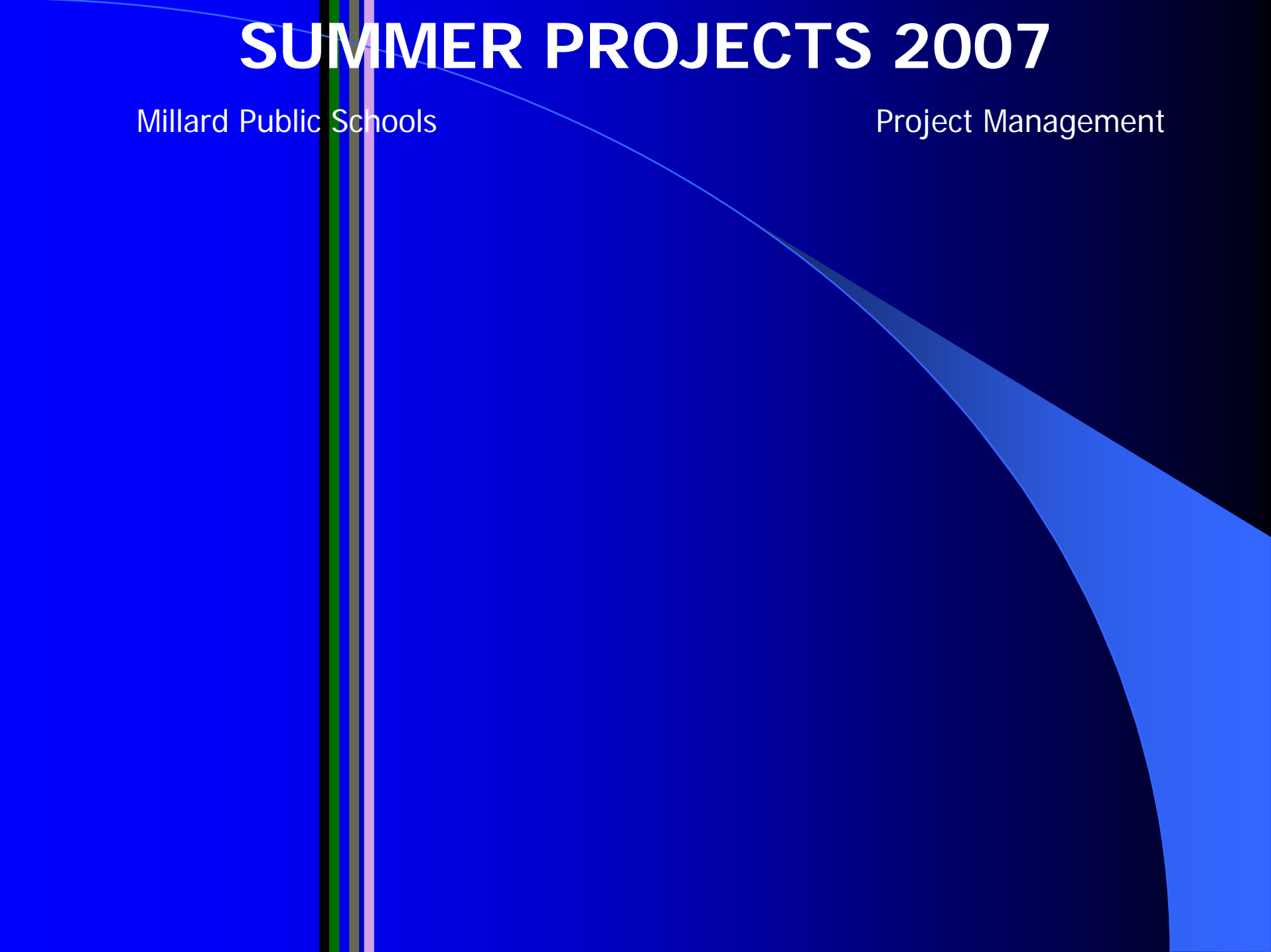
- 1986 Original equipment does not condition outside air
- Humid outside air creates comfort and mold issues
- Rooms below-grade require higher-quality ventilation
- Conditions are worst when outside air is cool and humid
- Humidity control is essential to prevent mold growth



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RMS HVAC Improvement Study for I.A.Q.

Indoor Air Quality (I.A.Q.) Study criteria to include:

- **Air flow and volume**
- **Need to dehumidify make-up air**
- **Increase fresh air to indoor spaces (lower CO₂ levels)**
- **Prevent mold growth**
- **Improve HVAC control system**

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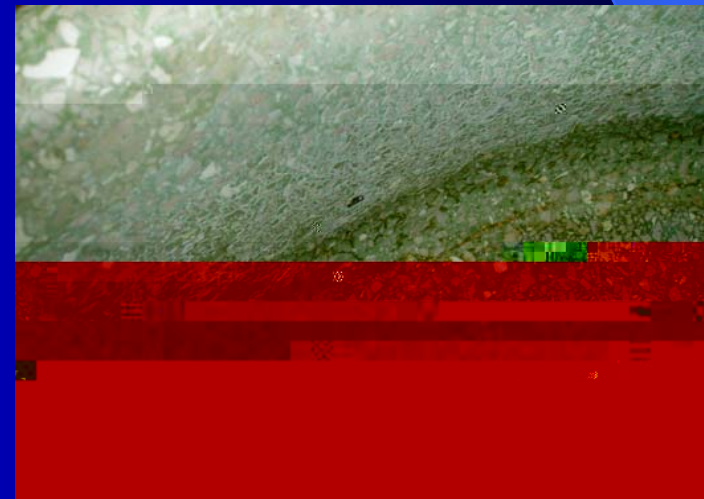
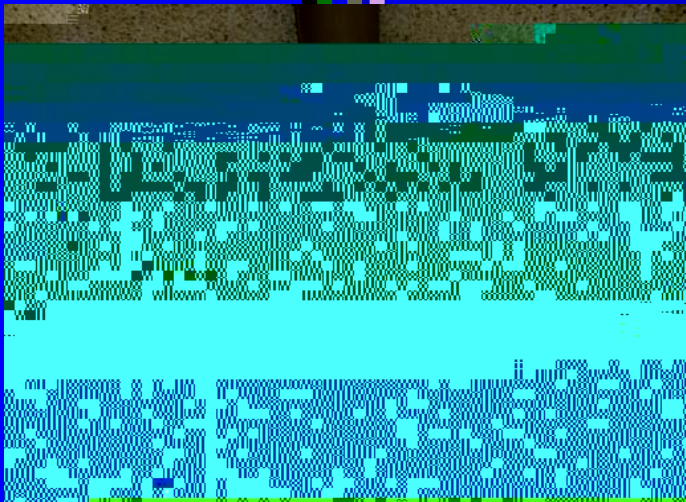
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Cottonwood & Hitchcock Wash Fountains

Cottonwood

Hitchcock



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Cost Total Definitions

(A) Estimated Total Construction Costs: Anticipated amount of bid award

(B) Construction Cost Contingency: = 10% of (A)

(C) Estimated Total Soft Costs include:

- Architect's and engineer's fees, including contract administration
- Document printing and postage
- Survey, geotechnical, and construction testing fees
- HVAC air and water balancing, HVAC commissioning fees
- Project support costs to MPS vendors and sub-contractors

(D) Estimated Total Project Requests: Sum of (A+B+C)

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Total Project Cost Summary by Discipline

Civil Projects	579,115
Architectural Projects	2,850,998
Mechanical Projects	1,909,108
10% Contingency	<u>452,476</u>
Total Capital Requests	\$5,791,697