



OXFORD COMMUNITY SCHOOLS

BOND 2017

Scope of Work – Series 1
08-15-2018

PROPOSED RENOVATION SCOPE:

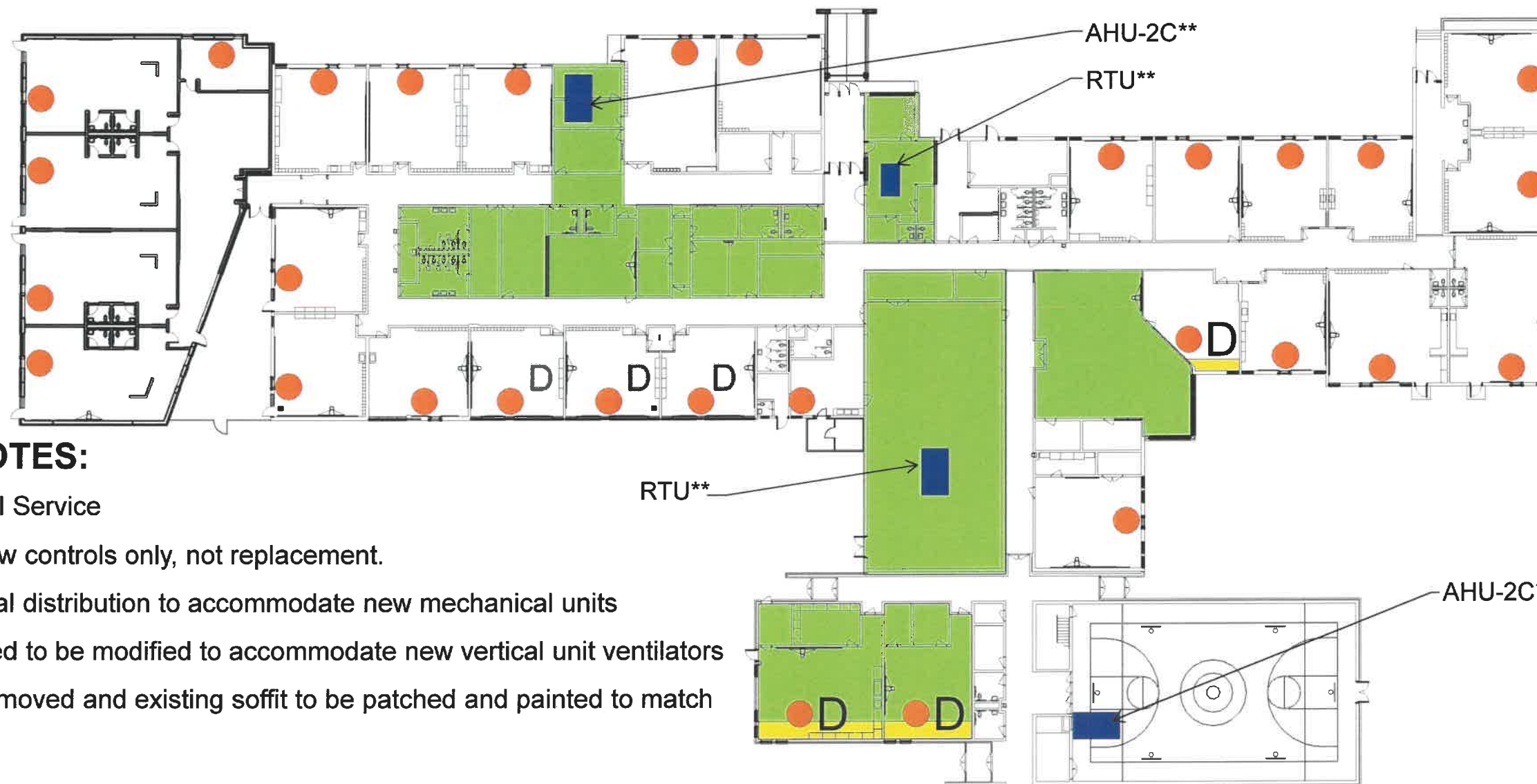
- Add air conditioning to entire building (except gymnasium)

BUDGET ESTIMATE: \$935,770 (Construction Costs)

- Replace rooftop unit to provide A/C (6 ton unit) \$31,350
- Replace rooftop unit to provide A/C (12.5 ton unit) \$367,950
- Replace H&V Unit (6,000 cfm unit) \$41,470
- Replace Classroom Unit Ventilators to Provide A/C \$495,000

LEGEND:

- Replace vertical classroom unit ventilator to provide A/C
- D Replace horiz classroom unit ventilator to provide A/C and provide new ductwork, ceiling, and lights
- Existing unit to be replaced
- Existing unit to remain
- Existing area of A/C
- Area of Carpet Replacement



GENERAL NOTES:

- Upgrade electrical Service
- ** Unit requires new controls only, not replacement.
- Modifying electrical distribution to accommodate new mechanical units
- Casework will need to be modified to accommodate new vertical unit ventilators
- Louvers will be removed and existing soffit to be patched and painted to match existing adjacent.
- Floor patching required in classrooms where vertical UV are replacing horizontal units (3 Locations)

BUDGET ESTIMATE:







\$632,390
(Construction Costs)

- Replace PK Boilers \$165,000
- Replace Classroom Unit Ventilators to Provide A/C \$115,500
- Replace Classroom Unit Ventilators to Provide A/C And new ductwork \$237,600
- Replace Unit to Provide A/C \$62,700
- Replace Corridor Carpet (6,700 sq.ft.) \$51,590

PROPOSED RENOVATION SCOPE

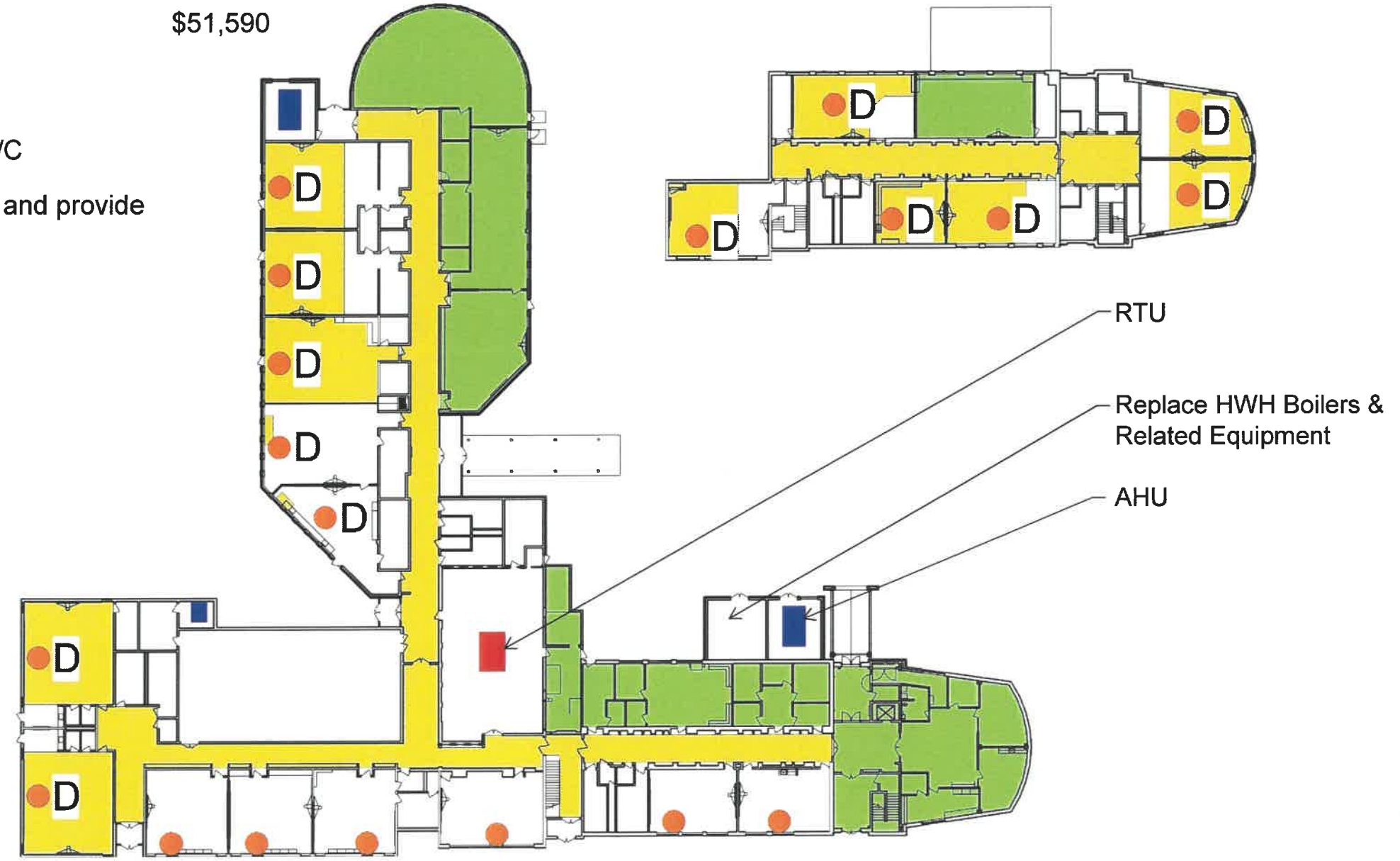
- Add air conditioning to entire building (except gymnasium)
- Carpet replacement in corridors
- Replace building boiler system

LEGEND:

-  Replace vertical classroom unit ventilator to provide A/C
-  Replace horiz classroom unit ventilator to provide A/C and provide new ductwork, ceiling, and lights
-  Existing unit to be replaced
-  Existing unit to remain
-  Existing area of A/C
-  Area of carpet replacement

GENERAL NOTES:

- Floor replacement in classrooms where vertical UV are replacing horizontal units.
- Casework modifications are required due to new ventilator in Art Room
- Second floor Classroom headers to be removed to accommodate new unit ventilators
- Modifying electrical distribution to accommodate new mechanical units.



PROPOSED RENOVATION SCOPE:

- Add air conditioning to entire building (except gymnasium)



LEGEND:

- Replace vertical classroom unit ventilator to provide A/C
- Existing unit to be replaced
- Existing unit to remain, new controls only.
- Existing area of A/C
- Area of carpet replacement

BUDGET ESTIMATE:

\$539,770

(Construction Costs)

• Replace Classroom Unit Ventilators to Provide A/C	\$396,000
• Replace Ceiling Hung UV to Provide A/C	\$62,700
• Replace Rooftop Unit to Provide A/C	\$37,950
• Replace HVAC / DX Unit (10,000 cfm unit)	\$43,120

GENERAL NOTES:

- Both RTU's in the gym and cafeteria are to be replaced (4 in total).
- Ceiling hung unit will be replaced with a rooftop unit.
- Interior UV's require rooftop condensers (curb exist).
- Modifying electrical distribution to accommodate new mechanical units
- Walk-in units are to be added to the generator

BUDGET ESTIMATE:







\$803,000
(Construction Costs)

- Replace Building HVAC controls for Classroom Unit Ventilators & AHU's \$185,900
- Replace Classroom Ventilator to Provide A/C \$429,000
- Replace Rooftop Unit to Provide A/C (7.5 ton unit) \$188,100

PROPOSED RENOVATION SCOPE:

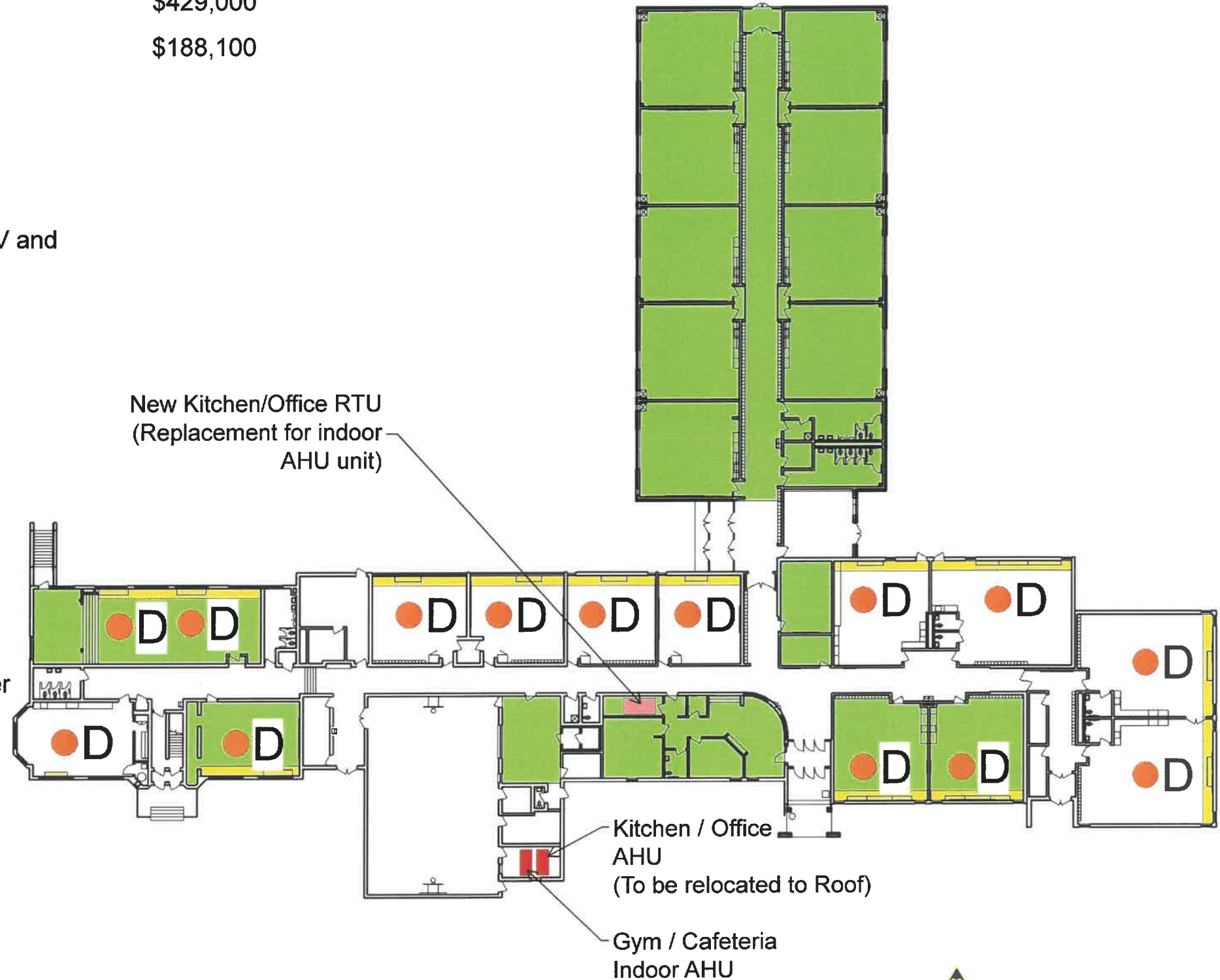
- Add air conditioning to entire building (except gymnasium)

LEGEND:







-  Replace vertical classroom unit ventilator to provide A/C
-  Replace horiz unit ventilator (HWH / DX) with vertical UV and provide new ductwork, ceiling, and lights
-  Existing unit to be replaced
-  Existing unit to remain
-  Existing area of A/C
-  Area of carpet replacement

GENERAL NOTES:

- Kitchen/Office unit to be replaced and relocated to the roof, as indicated.
- Gym/Café H&V unit to be replaced and moved (in order to access the adjacent HVAC unit.)
- Floor patching required in classrooms where vertical UV are replacing horizontal units.
- Modifying electrical distribution to accommodate new mechanical units

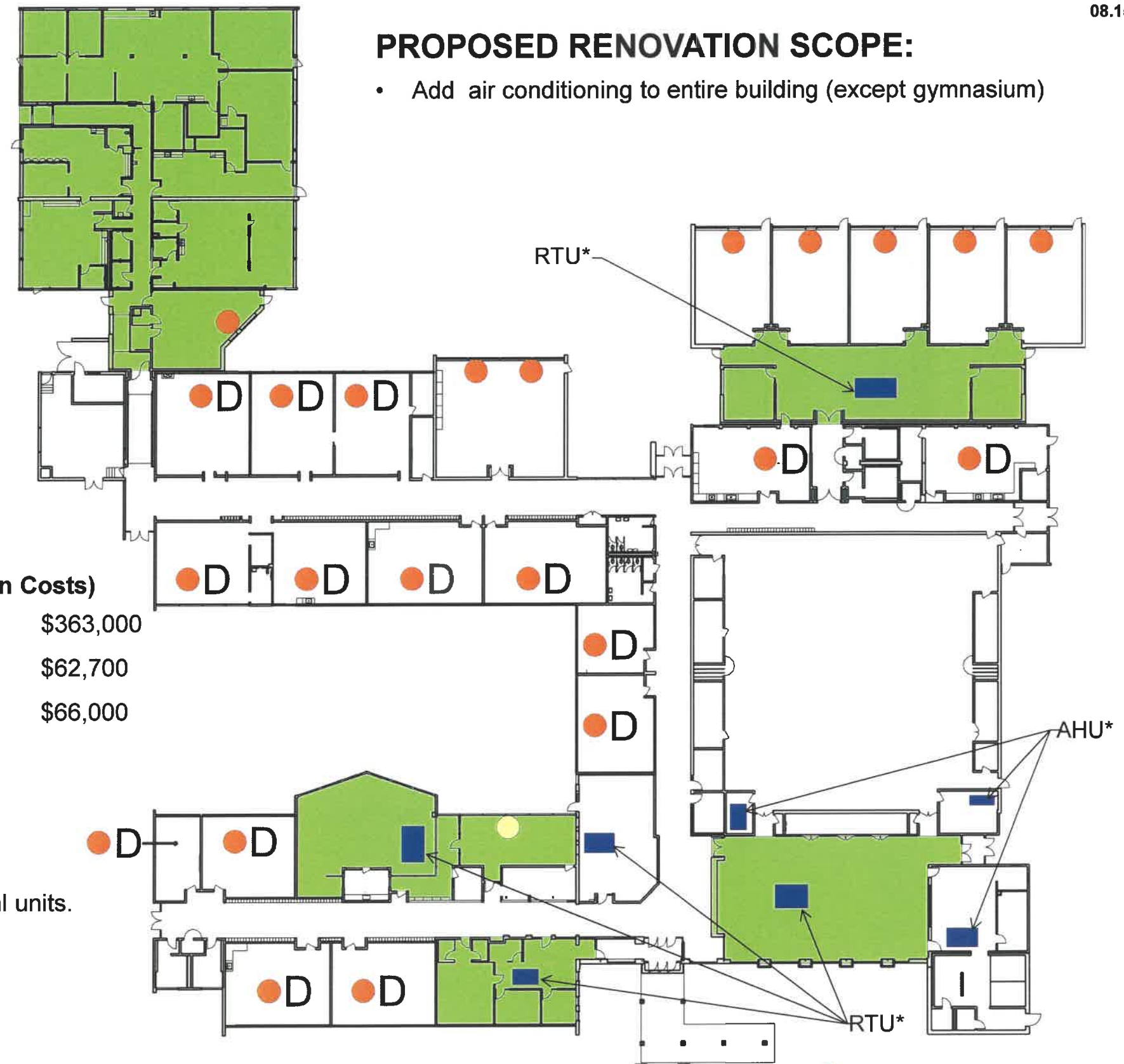


LEGEND:

-  Replace vertical classroom unit ventilator to provide A/C
-  Replace vertical unit ventilator with new vertical DX unit and provide new ductwork, ceiling, and lights
-  Existing unit to be replaced
-  Existing unit to remain
-  Existing area of A/C
-  Existing vertical unit ventilator (HWH / DX). Alternate pricing requested for replacement costs.

PROPOSED RENOVATION SCOPE:

- Add air conditioning to entire building (except gymnasium)



BUDGET ESTIMATE:

\$491,700	
(Construction Costs)	
• Replace Classroom Ventilator to Provide A/C	\$363,000
• Replace Rooftop Unit to Provide A/C (4 ton unit)	\$62,700
• Replace Rooftop Unit to Provide A/C	\$66,000

GENERAL NOTES:

- * Units require new controls only, not replacement.
- Modifying electrical distribution to accommodate new mechanical units.

PROPOSED RENOVATION SCOPE

- Replace rooftop air handling unit serving 300, 400, & 500 classroom wings
- Replace roofing at end of their life cycle

BUDGET ESTIMATE:

\$3,080,000
(Construction Costs)

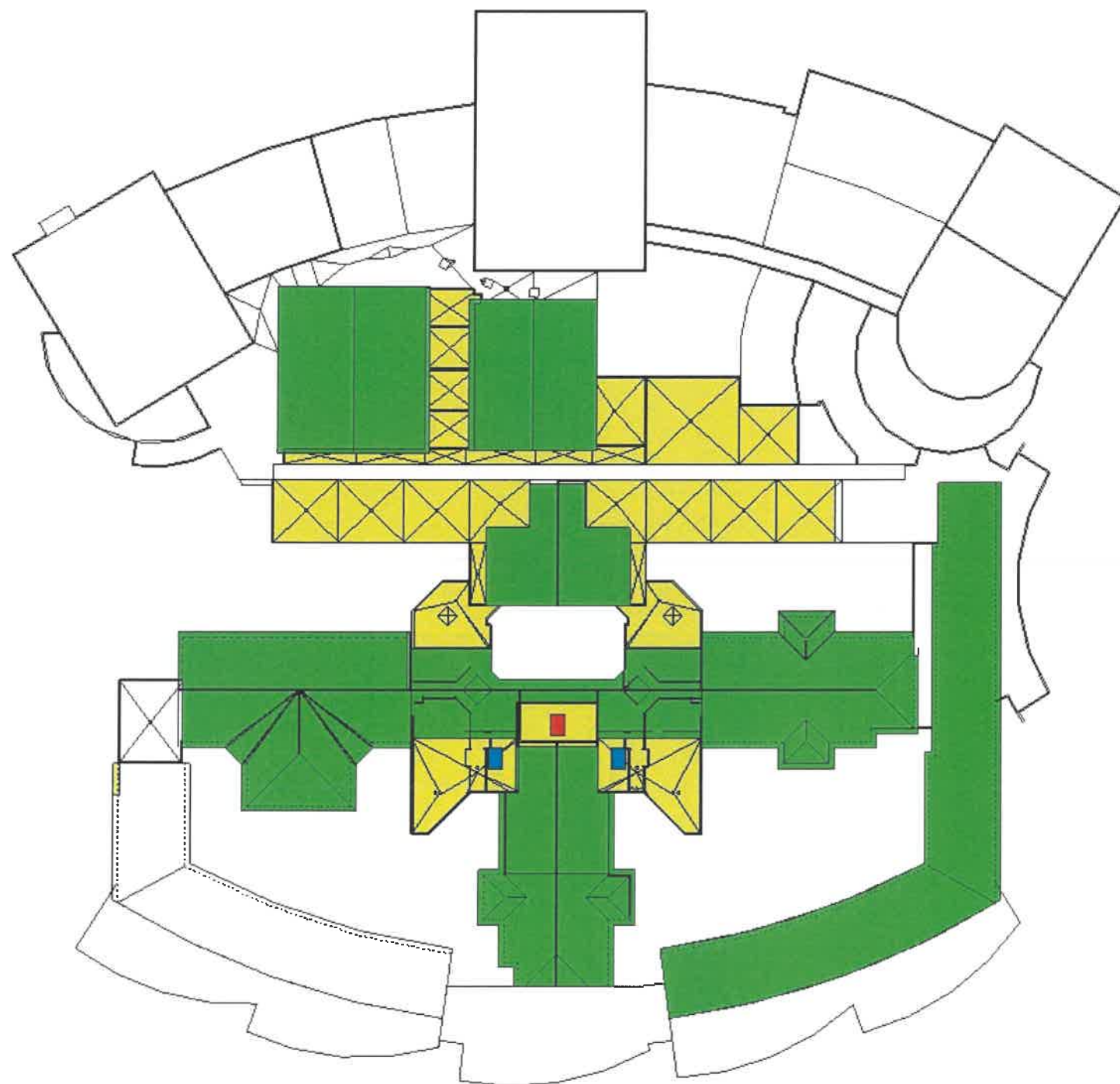
- Replace Roofing \$2,310,000
- Replace AHU #1 that supplies 300, 400 & 500 Wings \$770,000

LEGEND:

- Replace rooftop unit to provide a/c (Replace existing unit, add 2 additional units)
- New rooftop unit locations
- Existing Flat Roof Area to be re-surfaced
- Existing shingled roof area to be replaced

GENERAL NOTES:

- All VAV boxes and controls to be replaced in original section of building (area that new RTUs will serve).
- (15) Cabinet unit heaters to be replaced. Locations TBD



Milestones & Dates	2018																																												2019																			
	March				April				May				June				July				August				September				October				November				December				January				February																			
	3/5	3/16	3/23	3/30	4/6	4/13	4/20	4/27	5/4	5/11	5/18	5/25	6/1	6/8	6/15	6/22	6/29	7/6	7/13	7/20	7/27	8/3	8/10	8/17	8/24	8/31	9/7	9/14	9/21	9/28	10/5	10/12	10/19	10/26	11/2	11/9	11/16	11/23	11/30	12/7	12/14	12/21	12/28	1/4	1/11	1/18	1/25	2/1	2/8	2/15	2/22													
Milestones & Dates																																													T-plant				HOLIDAY PERIOD															
Meetings & Presentations																																																																
Board Meetings (presentations in yellow)	3/13, 3/20				4/10, 4/24				5/8, 5/22				6/12, 6/26				Need to determine estimated Board meeting dates for 2018 school year																																															
Board Update Presentation					4/24				6/12				8/21				11/6																																															
Facility Planning Committee Meetings					4/3				5/1				6/5				7/10				8/14				9/11				10/9				11/6																															
OHS & Elementary Schools HVAC Renovations																																																																
Daniel Axford Elementary 17236-1001																																																																
Infrastructure Improvements for adding A/C																																																																
Replace Corridor carpet																																																																
Boiler Replacement																																																																
Clearlake Elementary 17236-1002																																																																
Infrastructure Improvements for adding A/C																																																																
Lakeville Elementary 17236-1003																																																																
Infrastructure Improvements for adding A/C																																																																
Leonard Elementary 17236-1004																																																																
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Oxford Elementary 17236-1005																																																																
Infrastructure Improvements for adding A/C																																																																
Oxford High School 17236-2000																																																																
Roofing Replacement																																																																
AHU #1 Replacement (300, 400 & 500 wing)																																																																
Schematic Design	SCHEMATIC DESIGN																																																															
Develop design concepts																																																																
Site Visits to review Scope																																																																
Print SD Package for review & estimating (IDS)	5/11																																																															
Estimating Development (CLARK)																																																																
Estimate Reconciliation	6/8																																																															
Design Development	DESIGN DEVELOPMENT																																																															
Print DD Package for review & estimating (IDS)	8/9																																																															
Estimating Development (CLARK)																																																																
Estimate Reconciliation	8/28																																																															
Construction Documents	CONSTRUCTION DOCUMENTS DEVELOPMENT																																																															
Print 95% Package for review & estimating (IDS)	10/12																																																															
Estimating Development (CLARK)																																																																
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Bid and Award	BIDDING PERIOD																																																															
Construction	REVIEW & AWARD																																																															
Construction Timeframe																																																																

PROJECT SCHEDULE





THANK YOU

