Crawford County R-II School District

Facility Maintenance Master Plan

March 2025

Book 3 of 3

NAVIGATE
BUILDING SOLUTIONS

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NAVIGATE
BUILDING SOLUTIONS

Tab 12:	Demo Old Maintenance Facility

NAVIGATE
BUILDING SOLUTIONS

Demo Old Maintenance Facility

FACILITY MAINTENANCE MASTER PLAN

1.6.12 - Demo Old Maintenance Facility at Main Campus

Lump Sum		$	82,000
General Conditions	11.0%	$	9,020
Insurance	1.0%	$	910
Overhead and Profit	8.0%	$	7,354
Performance and Payment Bond	1.0%	$	993
Escalation per year	3.0%	$	3,008
Soft Costs (Includes Contingency)	25.0%	$	25,821
TOTAL		**$**	**129,107**

Description	Quantity	Unit	Price	Extension
Cut / Cap Mechanical & Electrical	16	hrs	$125.00	$2,000
Asbestos Abatement and Air Monitoring	2,500	sf	$6.00	$15,000
Demolish Structure / Slab / Gravel	1	ls	$30,000.00	$30,000
Remove Underground Fuel Tank, Backfill	1	ea	$5,000.00	$5,000
Slab On Grade, Rock Base	2,500	sf	$12.00	$30,000
			Subtotal*	**$82,000**

**** does not include markup percentages shown above***

NAVIGATE
BUILDING SOLUTIONS

1.6.12 – Demo Old Maintenance Facility at Main Campus

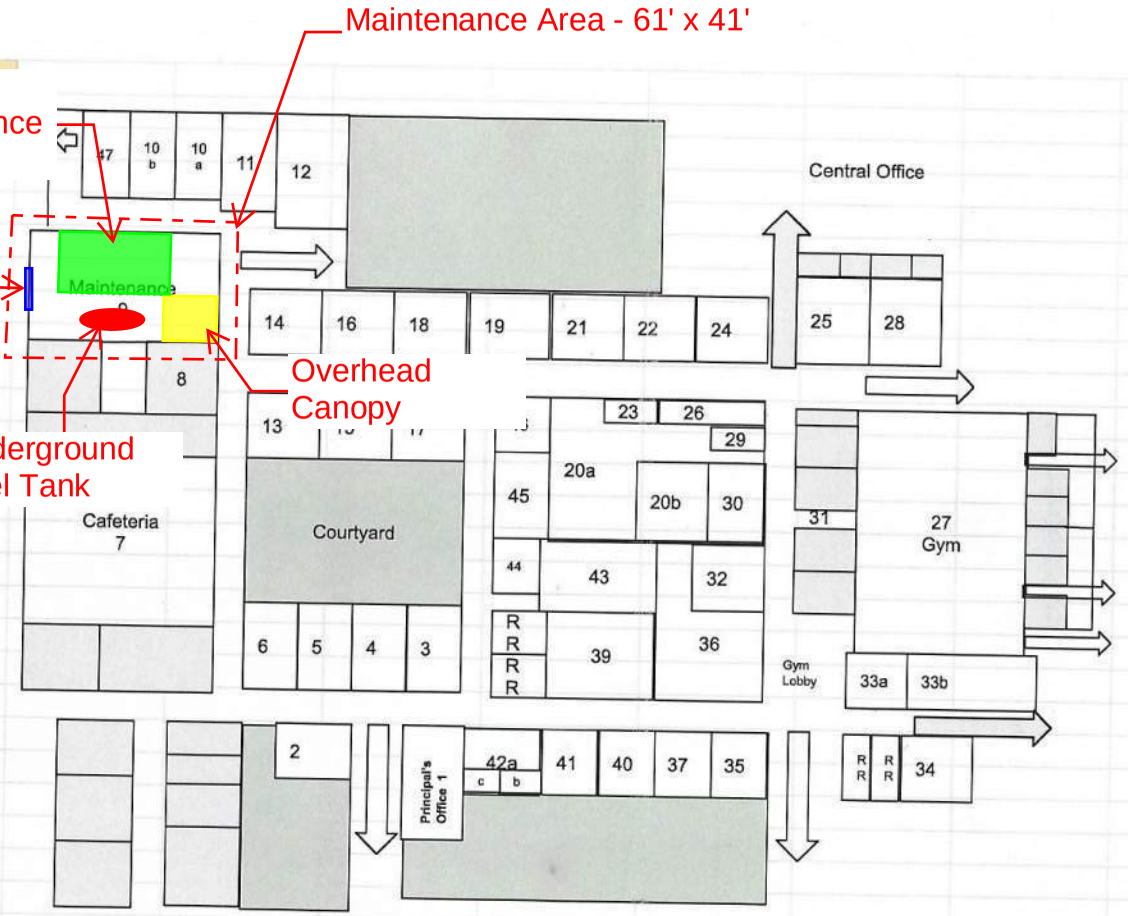
1. Existing Condition
    a. The former Maintenance Building is located completely inside of a newer structure used for material and equipment storage. Structural steel posts and footings have been provided to support the new structure and have been incorporated within the former Maintenance Building.
    b. The former Maintenance Building is wood framed, and includes a concrete slab, roof framing, windows, and flooring. There is a wood overhead canopy supported by still posts outside the former Maintenance Building.
    c. Based on the age of the former Maintenance Building it is assumed that it contains hazardous materials which will likely need to be abated.
    d. The larger, newer structure has been built over the former Maintenance Building and also overhangs portions of the existing school building.
    e. There is gravel rock outside of the former Maintenance Building in lieu of concrete.
    f. An abandoned underground fuel tank is below the gravel rock.

2. Scope of Work
    a. The scope of work will include:
        i. Selective MEP demolition, including cut and cap electrical.
        ii. Complete demolition and removal of former Maintenance Building, including walls, concrete flooring, roof, and equipment.
        iii. Asbestos abatement premium for floor tile.
        iv. Remove and dispose of existing underground fuel storage tank.
        v. Remove and dispose of existing gravel rock.
        vi. Pour new 5” concrete slab (W.W.F. reinforcing) over 4” thick base rock.

3. Other Considerations
    a. Based on the age of the former Administration Building it is assumed that it was constructed using hazardous materials. The Missouri Department of Natural Resources regulates demolition and renovation projects for institutional, commercial, public, and industrial structures. Any entity beginning demolition should be aware of the various state regulations and local ordinances that apply.
    b. If it is not already completed, it is recommended that the district conduct a Phase 1 and Phase 2 Environmental Study of the existing building to identify any hazardous materials.
    c. Missouri Department of Natural Resources will need to be notified of removing the underground fuel tank.

Cuba Middle School

1. Prinicpal's Office (Shoemaker /
2. 7th Grade Science (Kohler)
3. 7th Grade Resource Room
4. 7th Grade Math (Ettinger)
5. 7th Grade
6. 7th Grade
7. Cafeteria
8. Food Services Director
9. Maintenance
10a. Weight Room
10b. School Based Social Worker (Weber)
11. Teacher's Lounge
12. Music/Band Room (Moore)
13. 6th Grade Science (Jackson)
14. 6th Grade ELA (Giuliani)
15. 6th Grade Social Studies/ELA (Jones)
16. 6th Grade Math (Roberts)
17. Sped Resource Room
18. 5/6th Grade SPED (Mihlfeld)
19. 5th Grade (Edwards)
20a. Library (Pollack)
20b. STEM Lab
21. 5th Grade Math/ELA (Miller)
22. 5th Grade Math/Social Studies (Pfieffer)
23. Conference Room
24. 5th Grade Social Studies (Barazza)
25. 5th Grade Math/Science (Bailey)
26. Counselor's Office (Clark)
27. Gym (Pohlman/Farris)
28. 5-8th Grade SPED (Beakley)
29. Fire Alarm Closet
30. Computer Class (Callahan)
31. Gym Hallway
32. Music (Sherrill)
33a. ISS/ ALC (Lewis)
33b. Health Room (Pohlman/E. Farris)
34. 8th Grade Social Studies (Mr. Giulani)
35. 8th Grade SPED (Harmon)



36. FACS (Haist)
37. 8th Grdae ELA (Mabe)
38. Electrical Closet
39. 8th Grade Science (McMullin)
40. 8th Grade Math (Lanham)
41. Faculty Workroom
42a. A.P. Secretary (Whelan)
42b. Assistant Principal Office (Williamson)
42c. Officer Post

43. Art Room (Williams, A)
44. Storage
45. 7th Grade SPED (Jenkerson)
46. Technology Office (Jacob)
47. Special Education Office (Gorsuch/Ray/Gibson)



Maintenance Facility - 61'x41'

Scope includes:

1) Asbestos abatement premium, if required.

2) Removal and disposal of existing underground fuel tank

3) Demo former maintenance building currently located under new shelter, including removal of mechanical and electrical devices that serve the former maintenance building.

4) Pour a new interior concrete slab - 5" thick with WWF reinforcing.



Provide dumpster and labor to assist school district with cleanout



Existing Maintenance Facility - Interior



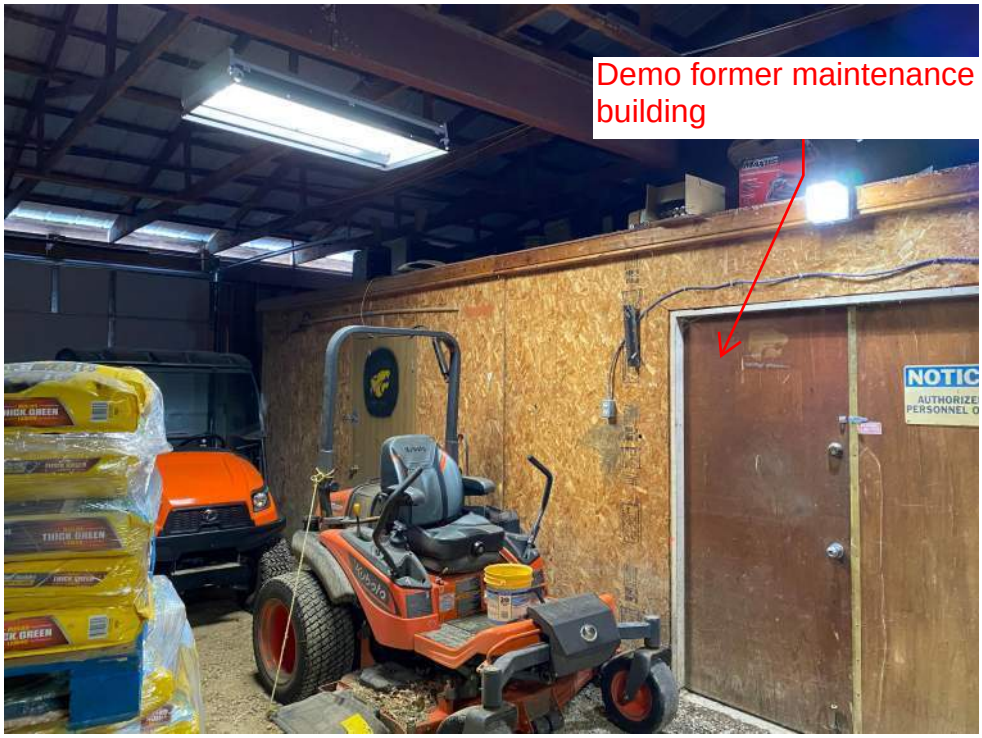
Existing Maintenance Facility - Interior



Existing Maintenance Facility - Interior

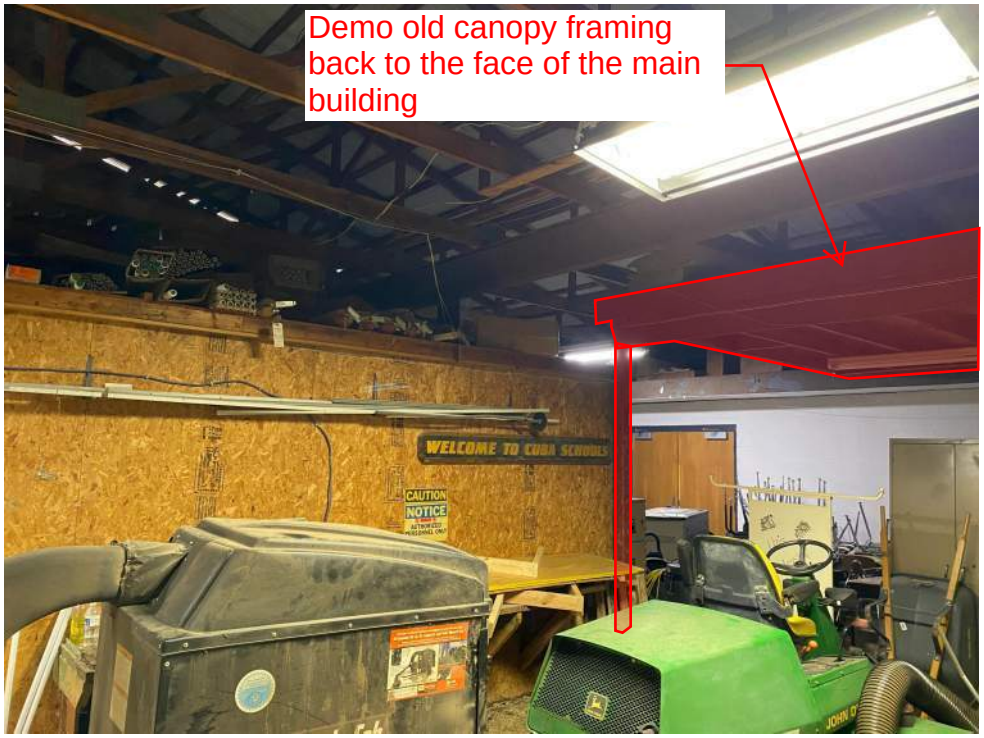



Existing overhead door to remain and be used for access.
Demo former maintenance building
Underground fuel tank is buried below gravel rock floor

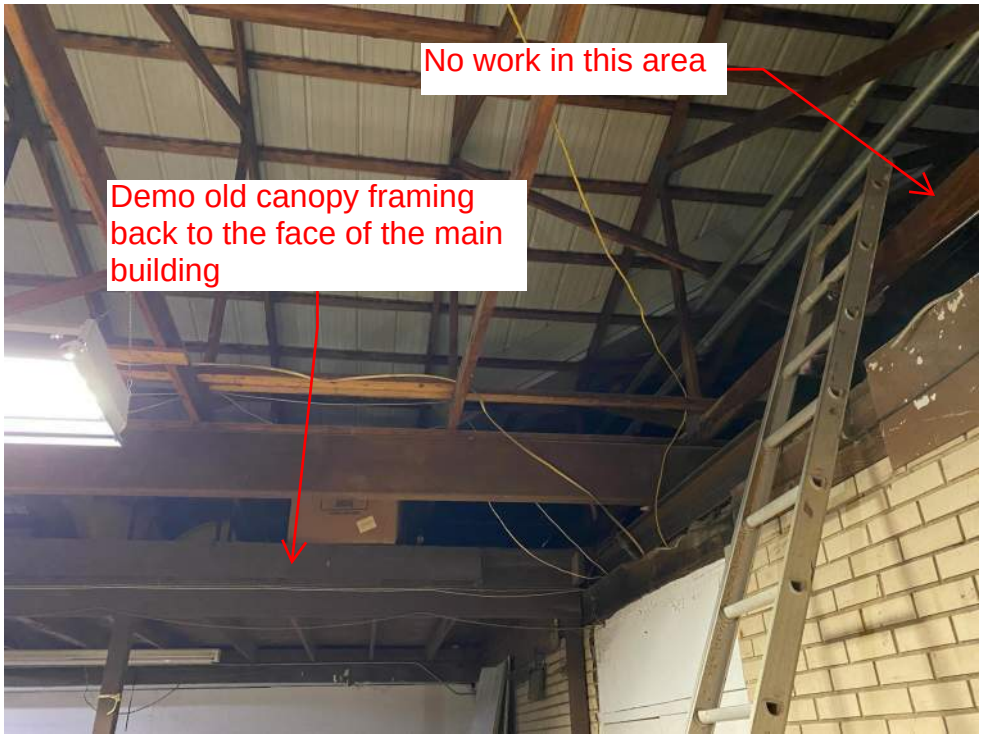

Demo former maintenance building


Demo former maintenance building
NOTICE
AUTHORIZED PERSONNEL ONLY
GRAINGER


Demo former maintenance building
GRAINGER
WELCOME TO CUBA SCHOOLS
CAUTION
NOTICE
AUTHORIZED PERSONNEL ONLY


Demo old canopy framing back to the face of the main building
WELCOME TO CUBA SCHOOLS
CAUTION
NOTICE


WELCOME TO CUBA SCHOOLS


No work in this area
Demo old canopy framing back to the face of the main building


Demo old canopy framing back to the face of the main building
Demo former maintenance building









Tab 13:	Cafeteria Storefront

NAVIGATE
BUILDING SOLUTIONS

Cafeteria Storefront and Doors

FACILITY MAINTENANCE MASTER PLAN

1.6.13 - Enclose Cafeteria with Storefront and Doors

Lump Sum		$	43,300
General Conditions	11.0%	$	4,763
Insurance	1.0%	$	481
Overhead and Profit	8.0%	$	3,883
Performance and Payment Bond	1.0%	$	524
Escalation per year	3.0%	$	1,589
Soft Costs (Includes Contingency)	25.0%	$	13,635
TOTAL		**$**	**68,175**

Description	Quantity	Unit	Price	Extension
Drywall Partition	300	sf	$15.00	$4,500
Interior Storefront	160	sf	$75.00	$12,000
Interior Glass & Aluminum Doors, Hardware	6	ea	$3,500.00	$21,000
Ceiling Structure / Drywall	72	sf	$25.00	$1,800
Rework / Patch Flooring & Base	1	ls	$1,000.00	$1,000
Painting	1	ls	$1,000.00	$1,000
Lighting & Power	1	ls	$2,000.00	$2,000
			Subtotal*	**$43,300**

**** does not include markup percentages shown above***

NAVIGATE
BUILDING SOLUTIONS

1.6.13 – Enclose Cafeteria with Storefront and Doors

1. Existing Condition
    a. The Middle School Cafeteria is located directly off a hallway without separation.
    b. The Cafeteria is currently conditioned with two (2) rooftop units. However, when the Gymnasium exhaust fans are turned on, air is extracted from the Cafeteria causing the units to work harder to keep the space conditioned.
    c. The Cafeteria-Hallway wall opening measures 18'-8" x 8'-0". The Cafeteria ceiling height is 11'-4".

2. Scope of Work
    a. The scope of work includes separating the Cafeteria from the Hallway, and inherently the Gymnasium to maintain space temperature in the Cafeteria.
    b. The separation will include a new aluminum storefront system and drywall partitions.
    c. Due to egress requirements, the aluminum doors must swing into the Hallway. To avoid impeding on the Hallway egress path, the storefront and doors must be offset inside the Cafeteria. Partial height drywall partitions will be constructed to return the storefront back to the existing CMU wall.
    d. In addition to the scope listed above, other scope inclusions will include acoustical ceilings, paint, rubber wall base, light fixtures, and exit signs.

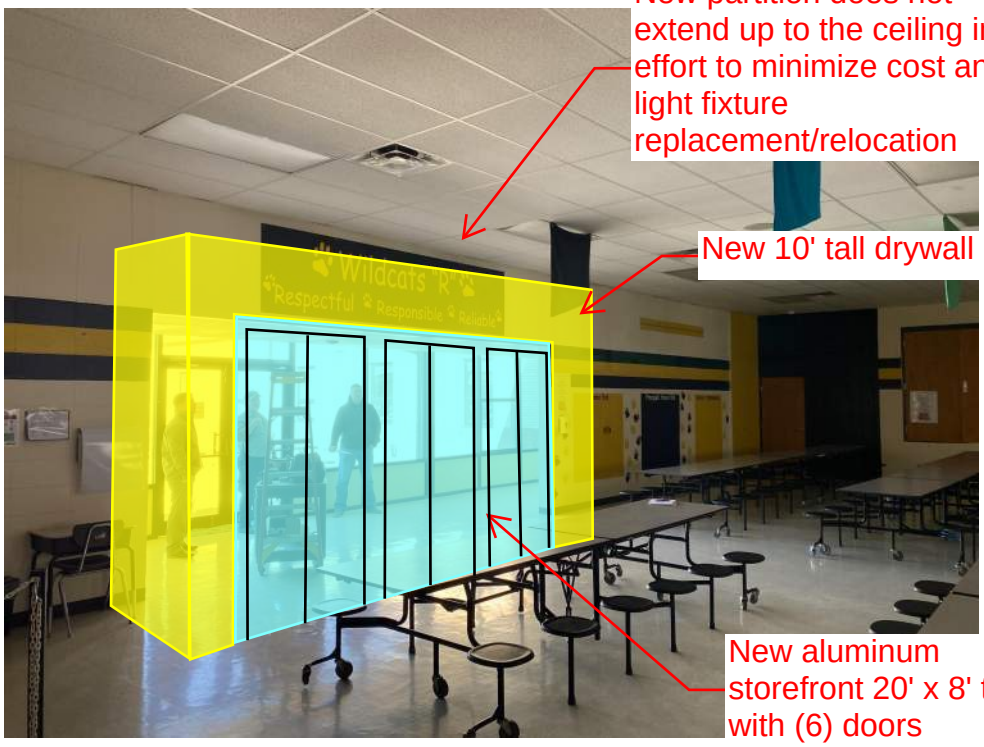
3. Considerations
    a. School cafeterias are generally classified as "Assembly" which have stricter egress requirements. These requirements include multiple exit doors based on occupant load that are strategically located to allow rapid evacuation. The doors should swing outward to clear and unobstructed exit paths and should have suitable door hardware that complies with accessibility standards. Doors should also be clearly marked with visible signage and emergency lighting.

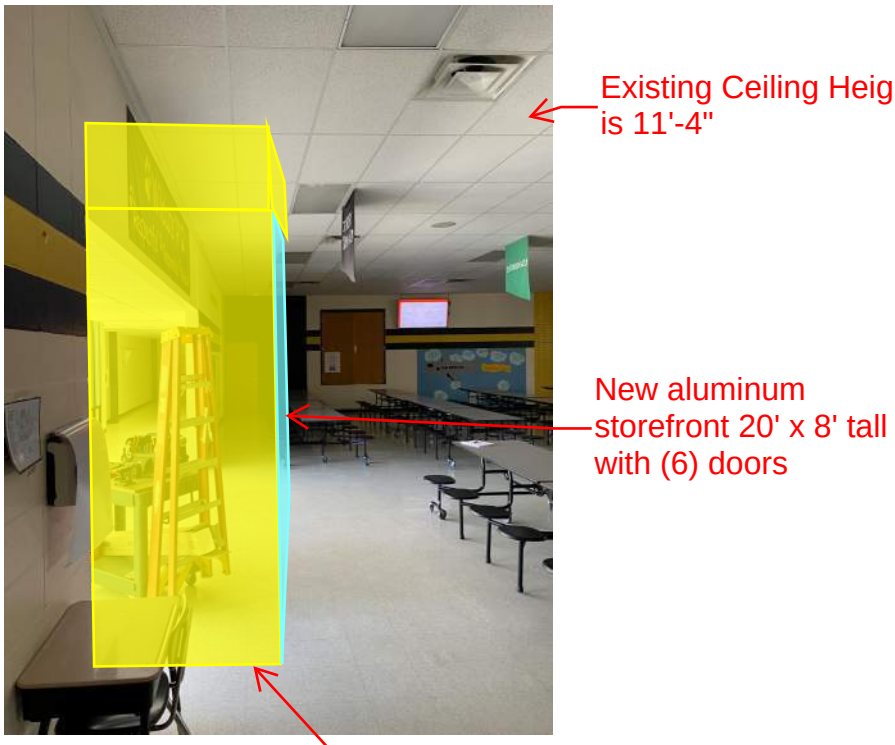
NAVIGATE Building Solutions

Crawford County R-II
1.6.13 - Cafeteria Storefront

Middle School Cafeteria Storefront

Scope of work includes new drywall partition framing, acoustical ceiling, storefront, paint, rubber wall base, door hardware, light fixtures, andexit lights.





NAVIGATE Building Solutions

Crawford County R-II
1.6.13 - Cafeteria Storefront



Tab 14:	Middle School Restroom Renovation and Addition

NAVIGATE
BUILDING SOLUTIONS

Middle School Restroom Renovations

FACILITY MAINTENANCE MASTER PLAN

1.6.14 - Renovate Restrooms at Middle School

Lump Sum		$	269,710
General Conditions	11.0%	$	29,668
Insurance	1.0%	$	2,994
Overhead and Profit	8.0%	$	24,190
Performance and Payment Bond	1.0%	$	3,266
Escalation per year	3.0%	$	9,895
Soft Costs (Includes Contingency)	25.0%	$	84,931
TOTAL		**$**	**424,653**

Description	Quantity	Unit	Price	Extension
Remove Floor Tile, Prep for New Flooring	734	sf	$10.00	$7,340
Prep For New Flooring @ Sealer	694	sf	$5.00	$3,470
Remove Toilet Partitions	22	ea	$125.00	$2,750
Remove Toilet Accessories	24	hrs	$90.00	$2,160
Cut / Cap Plumbing	56	hrs	$125.00	$7,000
Remove Plumbing Fixtures	49	ea	$60.00	$2,940
Remove Concrete Curb, Patch Slab	2	ea	$3,000.00	$6,000
Resinous Flooring	1,428	sf	$15.00	$21,420
Resinous Base	449	lf	$15.00	$6,735
Toilet Partitions	22	ea	$1,200.00	$26,400
Urinal Screens	10	ea	$750.00	$7,500
Toilet Accessories	82	ea	$175.00	$14,350
Electric Hand Dryers	6	ea	$1,000.00	$6,000
Paint Walls	3,600	sf	$1.25	$4,500
Paint Plaster Ceilings	734	sf	$1.50	$1,101
Drywall Plumbing Chase	448	sf	$10.00	$4,480
Wall Tile	448	sf	$18.00	$8,064
Water Heater, Power	6	ea	$2,500.00	$15,000
Replace Plumbing Fixtures	49	ea	$2,500.00	$122,500
			Subtotal*	**$269,710**

**** does not include markup percentages shown above***

NAVIGATE
BUILDING SOLUTIONS

Middle School Restroom Addition

FACILITY MAINTENANCE MASTER PLAN

1.6.14a - Restroom Additions at Middle School

Lump Sum		$	153,175
General Conditions	11.0%	$	16,849
Insurance	1.0%	$	1,700
Overhead and Profit	8.0%	$	13,738
Performance and Payment Bond	1.0%	$	1,855
Escalation per year	3.0%	$	5,620
Soft Costs (Includes Contingency)	25.0%	$	48,234
TOTAL		**$**	**241,171**

Description	Quantity	Unit	Price	Extension
Sanitary Sewer	285	lf	$75.00	$21,375
Manholes	2	ea	$4,500.00	$9,000
Cleanout	1	ea	$500.00	$500
Tie-In Sewer	1	ea	$2,000.00	$2,000
Site Restoration	1	ls	$7,500.00	$7,500
Remove Lockers	30	ea	$50.00	$1,500
Saw Cut Exterior Wall	1	ls	$750.00	$750
Remove Exterior Wall, Temporary Closure	384	sf	$10.00	$3,840
Temporary Shoring	1	ls	$5,000.00	$5,000
Saw Cut CMU, Remove, Patch	1	ls	$2,200.00	$2,200
Steel Lintel	10	lf	$275.00	$2,750
CMU Backup, RI, AB, Brick Veneer	384	sf	$75.00	$28,800
Remove Door, Frame, Infill CMU	25	sf	$50.00	$1,250
CMU Partitions	1,428	sf	$25.00	$35,700
Door, Frame, Hardware	1	ea	$2,000.00	$2,000
Saw Cut, Remove, Patch Slab	1	ls	$10,000.00	$10,000
Resinous Flooring	768	sf	$15.00	$11,520
Resinous Base	213	lf	$15.00	$3,195
ACT	768	sf	$6.00	$4,608
Paint CMU	1,700	sf	$2.00	$3,400
Toilet Partitions	7	ea	$1,200.00	$8,400
Urinal Screens	3	ea	$750.00	$2,250
Lav Top	28	lf	$300.00	$8,400
Toilet Accessories	33	ea	$175.00	$5,775
Electric Hand Dryers	3	ea	$1,000.00	$3,000
Plumbing Fixtures, Branch Piping	16	ea	$4,000.00	$64,000
Floor Drains	3	ea	$2,000.00	$6,000
Extend Water to Restroom	150	lf	$125.00	$18,750
Rework HVAC, Add Exhaust	1	ls	$25,000.00	$25,000
Power, Lighting, F/A, HVAC Connections	1	ls	$20,000.00	$20,000
			Subtotal*	**$153,175**

**** does not include markup percentages shown above***

NAVIGATE
BUILDING SOLUTIONS

Middle School Sanitary Sewer
FACILITY MAINTENANCE MASTER PLAN

1.6.14b - Replace Portion of Existing Sanitary Sewer

Lump Sum		$	13,250
General Conditions	11.0%	$	1,458
Insurance	1.0%	$	147
Overhead and Profit	8.0%	$	1,188
Performance and Payment Bond	1.0%	$	160
Escalation per year	3.0%	$	486
Soft Costs (Includes Contingency)	25.0%	$	4,172
TOTAL		**$**	**20,862**

Description	Quantity	Unit	Price	Extension
Cut / Cap Existing Sanitary Sewer	1	ls	$2,500.00	$2,500
Sanitary Sewer	120	lf	$75.00	$9,000
Cleanout	1	ea	$500.00	$500
Tie-In Sewer	1	ea	$1,250.00	$1,250
			Subtotal*	**$13,250**

**** does not include markup percentages shown above***

NAVIGATE BUILDING SOLUTIONS

1.6.14 – Renovate Restrooms and Add Middle School Restrooms

1. Existing Condition – Restroom Renovation
    a. There are currently three (3) sets of Boys and Girls Restrooms at the Middle School.
    b. The restroom interior finishes include painted or glazed CMU block walls, sealed concrete floors or tile floors, plaster ceilings or acoustical ceilings, floor mounted toilet partitions, floor mounted toilets, urinals, wall mounted lavatories, hand dryers, mirrors, and toilet accessories.
    c. Boys restrooms #3 and #5 include a concrete curb below the urinals.
    d. There is no hot water to any of the existing restrooms.

	Identifier	Lavs	Toilets	Urinals	Flooring	Ceiling
RR #1 (B)	Black and Yellow Paint	2	2	5	SC	ACT
RR #2 (G)	Rainbow	3	8	0	SC	ACT
RR #3 (B)	Yellow Glaze	3	3	4	Tile	Plaster
RR #4 (G)	Yellow Glaze	2	4	0	Tile	Plaster
RR #5 (B)	Green Glaze	2	2	4	Tile	Plaster
RR #6 (G)	Green Glaze	2	3	0	Tile	Plaster

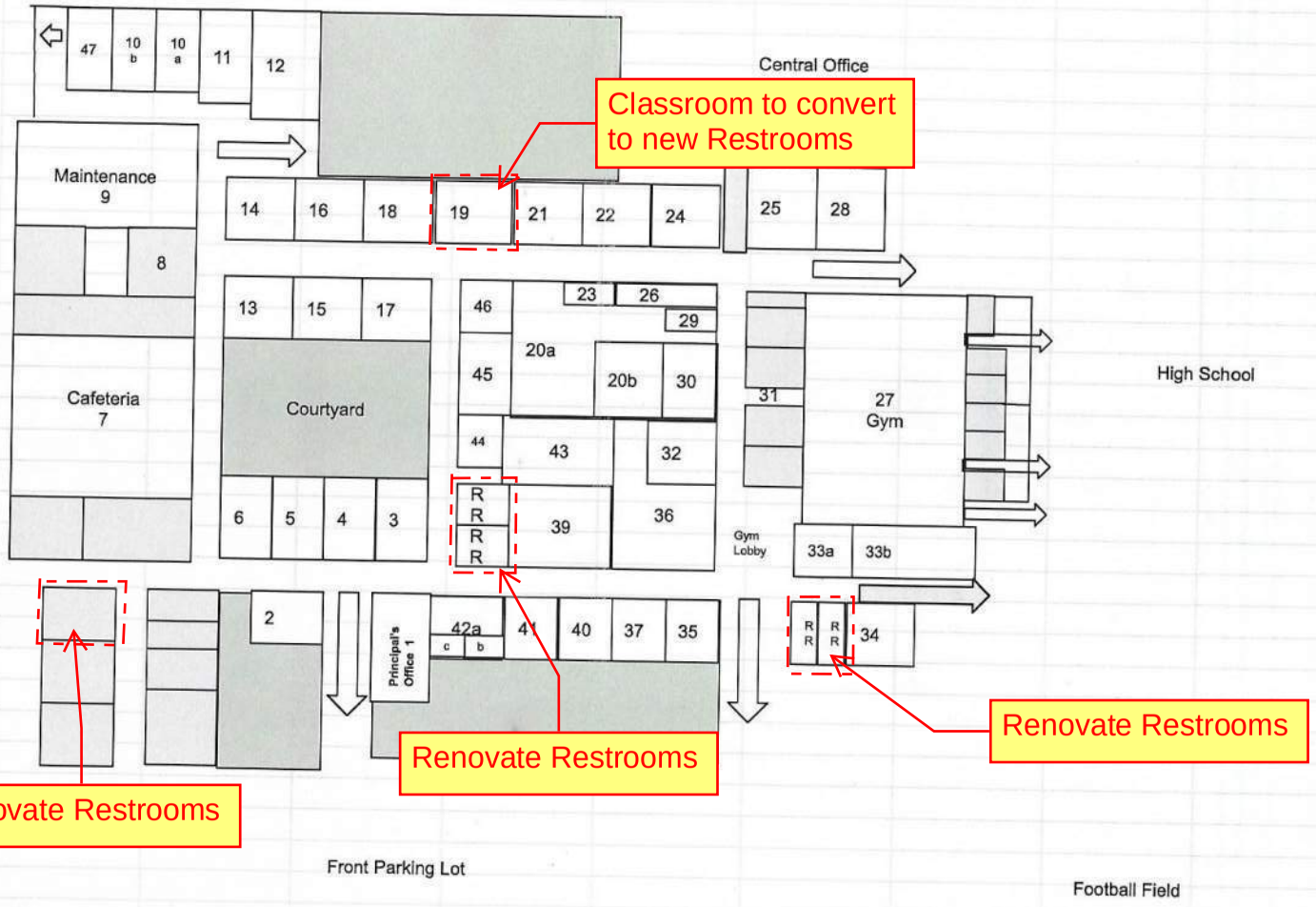
2. Scope of Work – Restroom Renovation
    a. The scope of work includes cosmetic upgrades of existing Middle School restrooms.
    b. There are a total of six (6) restrooms.
    c. The general scope of work will include flooring removal, and selective demolition of existing toilet partitions, toilet accessories, and plumbing fixtures. New resinous flooring will be provided with integral cove base. New floor mounted toilet partitions and wall mounted urinal screens. New plumbing fixtures to replace existing, including existing locations where existing fixtures may have been removed (i.e. lavatory). New toilet accessories including electric hand dryers will be provided. It is assumed that the existing electrical service is in good working condition and modifications are not required. CMU walls will be prepped and painted. Plaster ceilings will be painted.
    d. In addition to cosmetic repairs, each group of restrooms will receive a small wall mounted electric water heater. A new drywall partition will be required at the sink locations to conceal plumbing piping. This new wall will receive new wall tile.

3. Existing Condition – Restroom Addition
    a. Middle School classroom #19 is approximately 24’ x 32’. There is one (1) hollow metal door to the space. The exterior walls are thin panels set within a steel framed type system.
    b. There is an existing rooftop unit above the classroom that distributes and returns air from a single oversized grille.
    c. The nearest sanitary sewer is located approximately 285 LF from the proposed location near the Maintenance Building.

4. Scope of Work – Restroom Addition
    a. The scope of work includes dividing Classroom #19 into multiple spaces including, a Boys Restroom, Girls Restroom, and Staff Restroom.
    b. The School District would like to maximize the number of toilets within the space.
    c. Provide new 6” underground sanitary sewer and extend to existing sanitary structure new the Special Education Office.
    d. Remove Hallway lockers in front of Classroom #19.
    e. Demo and remove the exterior wall to construct a new exterior CMU wall. Demo and remove a portion of the Hallway CMU to create entry to new restrooms.
    f. Structural steel lintel will be required at new restroom entry.
    g. Construct a new CMU exterior wall with fluid applied weather barrier, insulation, and masonry brick veneer.
    h. Construct new CMU interior wall partitions.
    i. Re-use existing RTU and provide ductwork to restrooms.
    j. Provide HVAC restroom exhaust fans.
    k. Provide plumbing rough-ins underground and overhead for new restrooms.
    l. Provide new acoustic ceiling system with 2x4 lay-in fixtures.
    m. Provide new resinous flooring.
    n. Provide new floor mounted toilet partitions and urinal screens, along with new toilet accessories, including electric hand dryers.
    o. Provide new plumbing fixtures.

Cuba Middle School Map

1. Prinicpal's Office (Shoemaker / Parks)
2. 7th Grade Science (Kohler)
3. 7th Grade Resource Room
4. 7th Grade Math (Ettinger)
5. 7th Grade Social Studies (Emmons)
6. 7th Grade ELA (Williams, M.)
7. Cafeteria
8. Food Services Director
9. Maintenance
10a. Weight Room
10b. School Based Social Worker (Weber)
11. Teacher's Lounge
12. Music/Band Room (Moore)
13. 6th Grade Science (Jackson)
14. 6th Grade ELA (Giuliani)
15. 6th Grade Social Studies/ELA (Jones)
16. 6th Grade Math (Roberts)
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19. 5th Grade (Edwards)
20a. Library (Pollack)
20b. STEM Lab
21. 5th Grade Math/ELA (Miller)
22. 5th Grade Math/Social Studies (Pfieffer)
23. Conference Room
24. 5th Grade Social Studies (Barazza)
25. 5th Grade Math/Science (Bailey)
26. Counselor's Office (Clark)
27. Gym (Pohlman/Farris)
28. 5-8th Grade SPED (Beakley)
29. Fire Alarm Closet
30. Computer Class (Callahan)
31. Gym Hallway
32. Music (Sherrill)
33a. ISS/ ALC (Lewis)
33b. Health Room (Pohlman/E. Farris)
34. 8th Grade Social Studies (Mr. Giulani)
35. 8th Grade SPED (Harmon)



36. FACS (Haist)
37. 8th Grdae ELA (Mabe)
38. Electrical Closet
39. 8th Grade Science (McMullin)
40. 8th Grade Math (Lanham)
41. Faculty Workroom
42a. A.P. Secretary (Whelan)
42b. Assistant Principal Office (Williamson)
42c. Officer Post

43. Art Room (Williams, A)
44. Storage
45. 7th Grade SPED (Jenkerson)
46. Technology Office (Jacob)
47. Special Education Office (Gorsuch/Ray/Gibson)

1.6.14 - Middle School Restroom Renovation and Addition

Courtyard

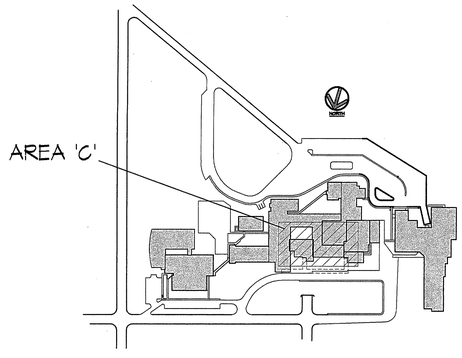
Restroom Renovation

FLOOR PLAN - AREA 'C'

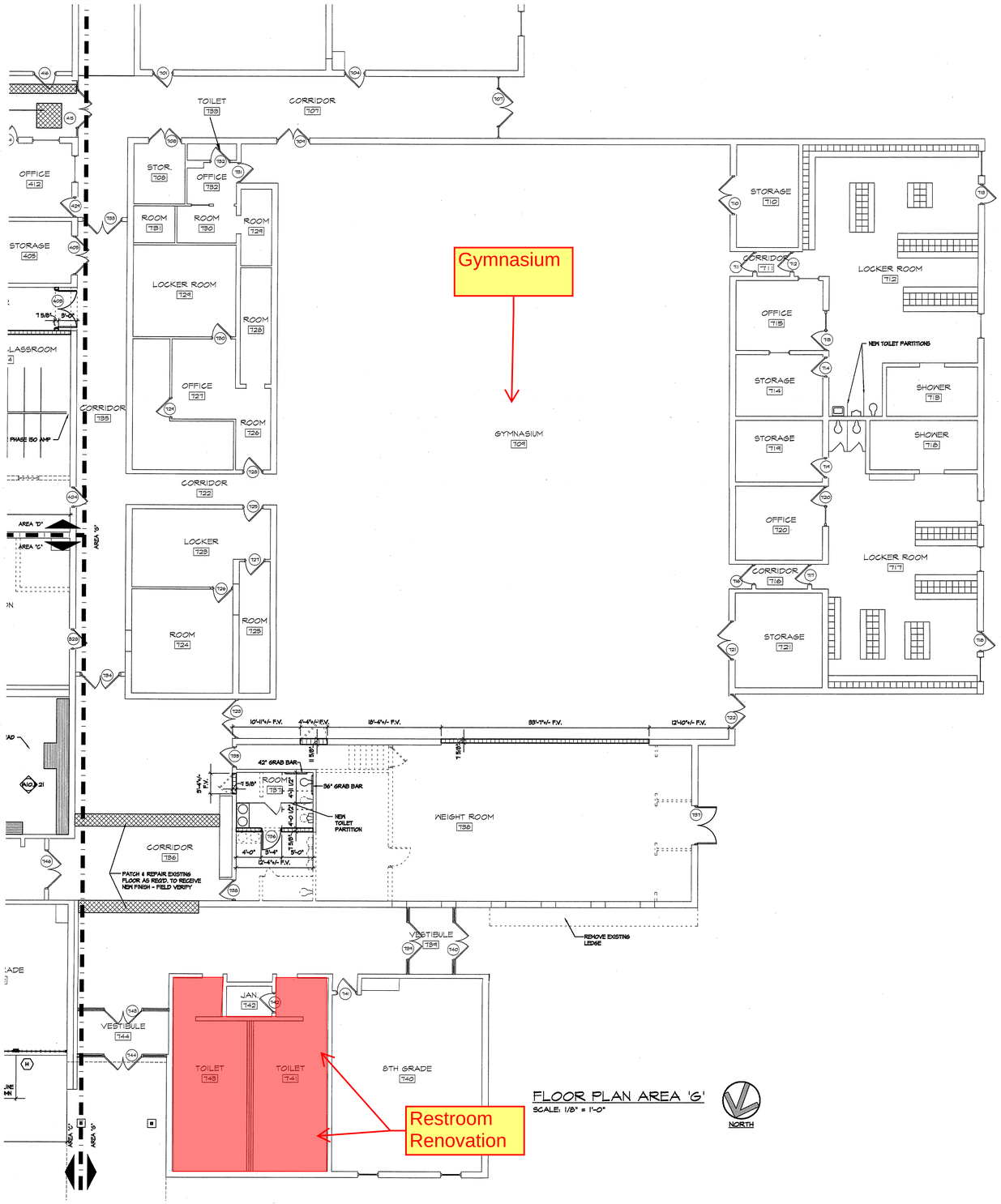
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NORTH

AREA 'C'



1.6.14 - Middle School Restroom Renovation and Addition

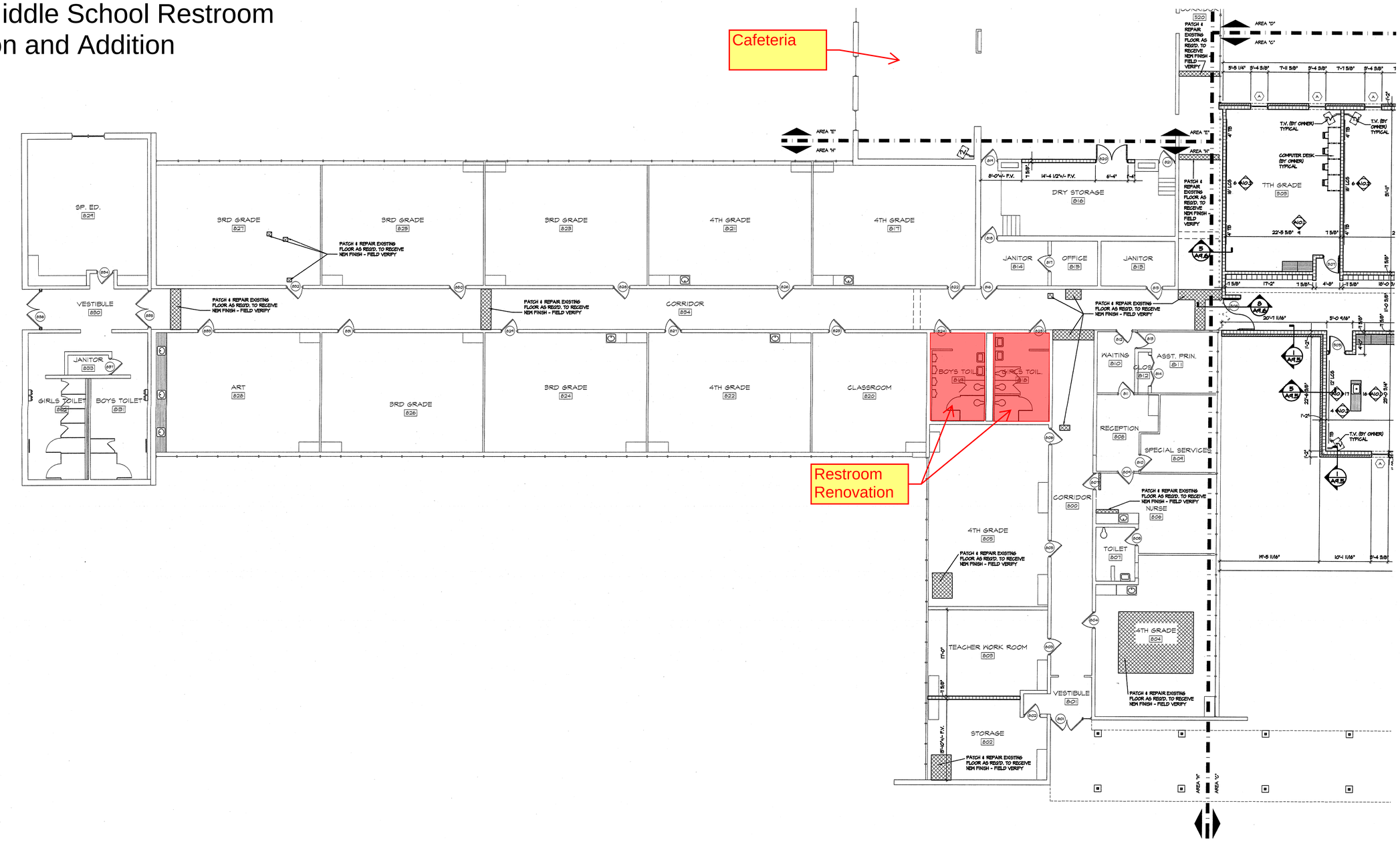


FLOOR PLAN AREA 'G'

SCALE: 1/8" = 1'-0"

Restroom Renovation

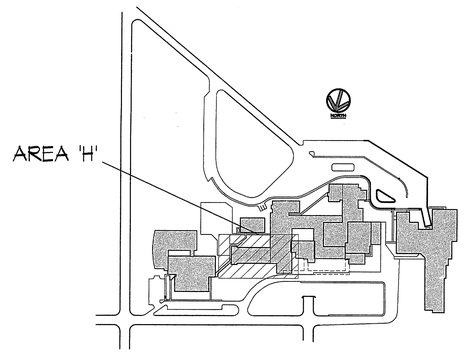
1.6.14 - Middle School Restroom Renovation and Addition



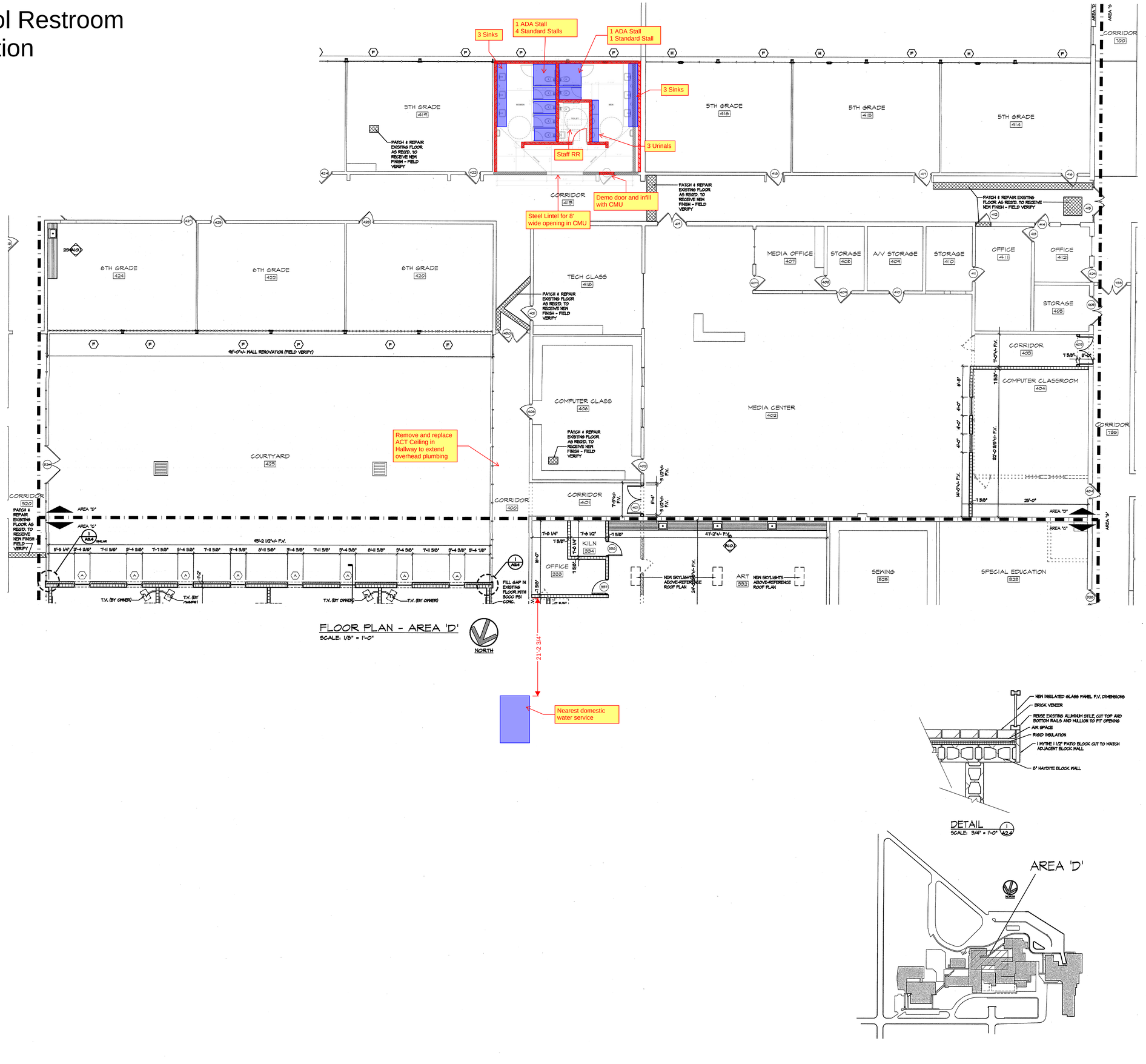
FLOOR PLAN - AREA 'H'

SCALE: 1/8" = 1'-0"

NORTH



1.6.14 - Middle School Restroom Renovation and Addition



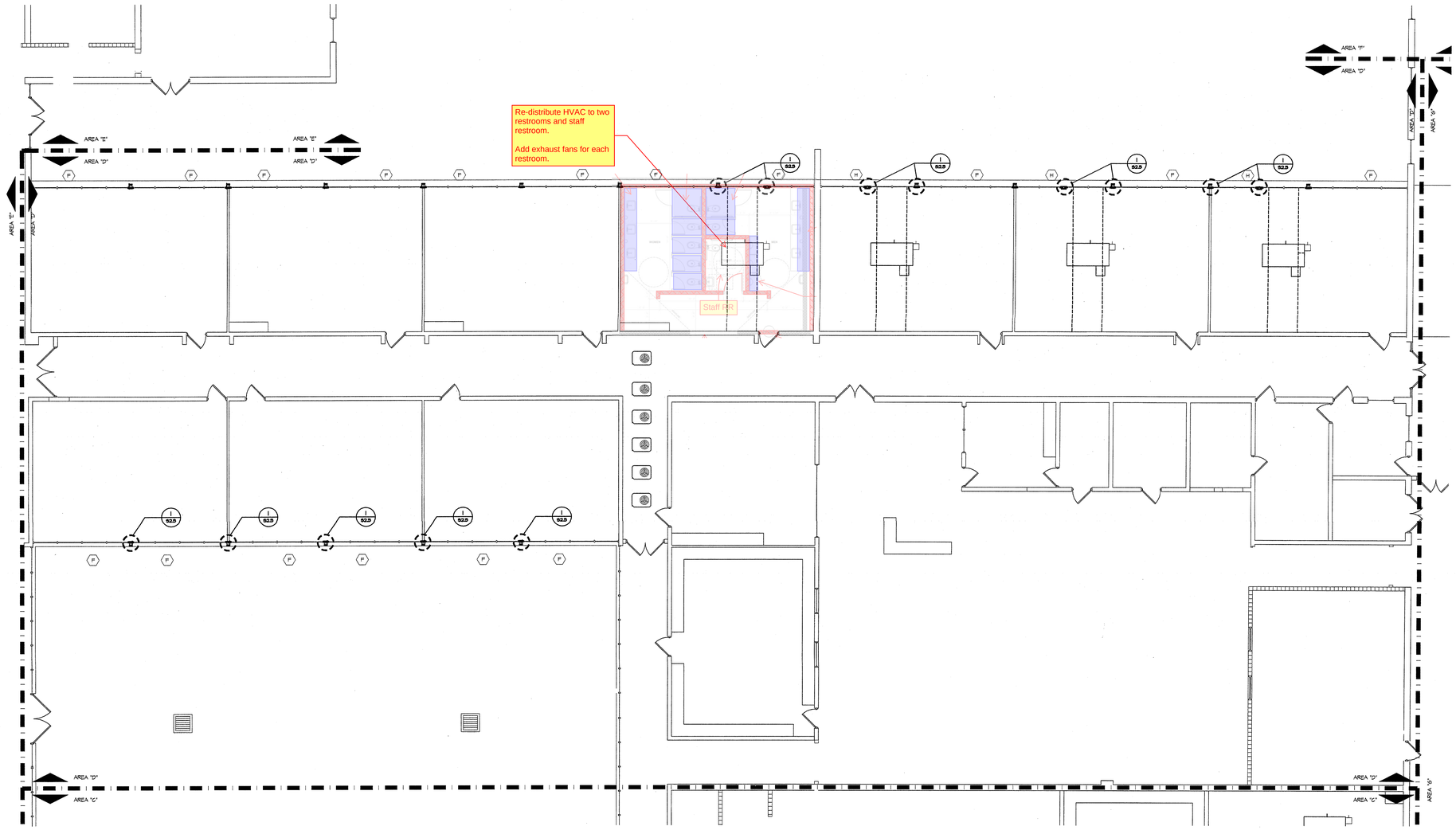
FLOOR PLAN - AREA 'D'

SCALE: 1/8" = 1'-0"

DETAIL

SCALE: 3/4" = 1'-0"

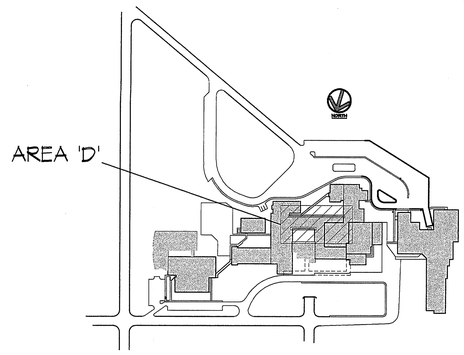
1.6.14 - Middle School Restroom Renovation and Addition



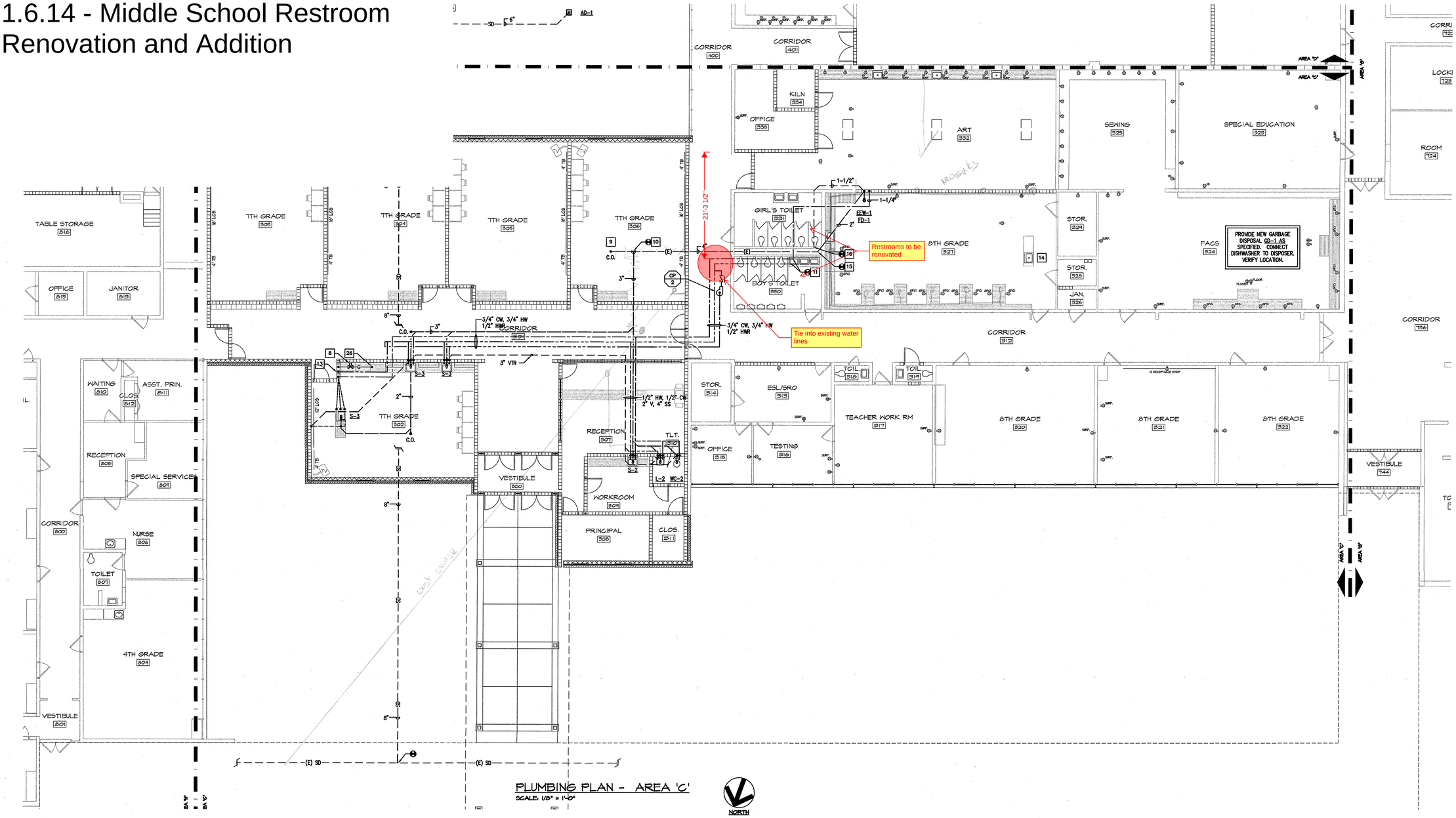
PARTIAL FRAMING PLAN - AREA 'D'

SCALE: 1/8" = 1'-0"

NORTH



1.6.14 - Middle School Restroom Renovation and Addition



PLUMBING PLAN - AREA 'C'

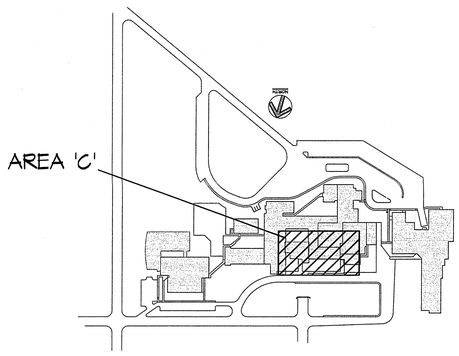
SCALE: 1/8" = 1'-0"

NORTH

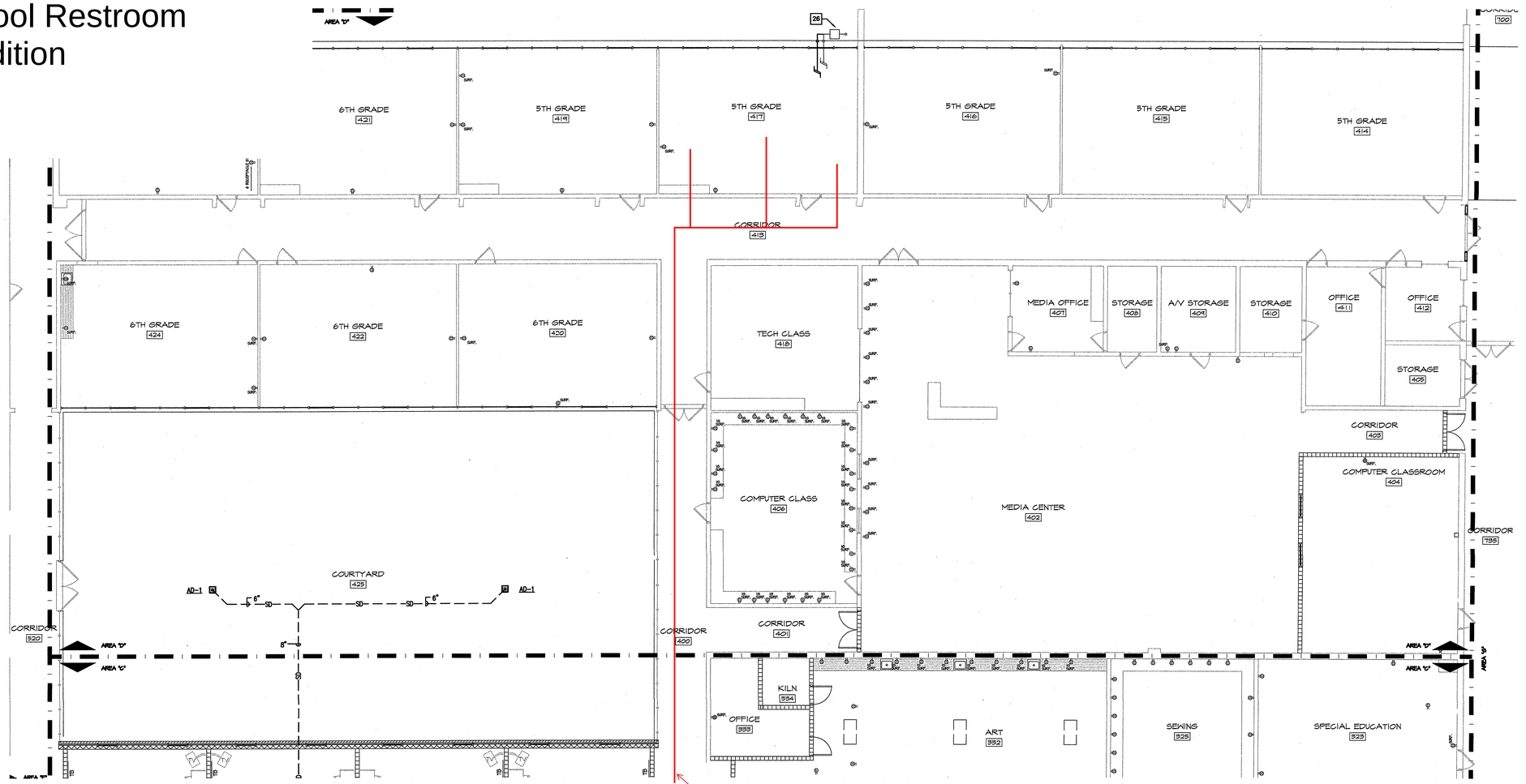
KEYED NOTES

(ALL KEY NOTES MAY NOT BE USED ON EACH PLAN)

1. EMERGENCY GAS SHUT OFF VALVE (NORMALLY CLOSED) SHALL BE ELECTRIC SOLENOID TYPE WITH SPRING RETURN AND 24 VOLT ACUTATOR, SUITABLE FOR USE ON GAS PIPING SYTEMS. PROVIDE RELAYS AS REQUIRED TO ACTIVATE SHUT OFF VALVE IN CONJUNCTION WITH ANY OF THE EXHAUST HOOD FIRE SUPRESSION SYSTEMS.
2. 2" GAS DOWN TO HEADER RUN AT 12"± AFF BEHIND COOK LINE.
3. REDUCE GAS TO MATCH EQUIPMENT CONNECTION SIZE AND CONNECT WITH DIRT LEG, SHUT OFF VALVE, AND UNION.
4. WATER HEATER INSTALLED ON MINIMUM 3" HIGH CONCRETE PAD. PROVIDE & INSTALL PVC VENT & COMBUSTION AIR PIPE FROM WATER HEATER THROUGH EXTERIOR WALL. SIZE AND INSTALL PER WATER HEATER MANUFACTURER'S INSTRUCTIONS. REDUCE GAS TO MATCH EQUIPMENT CONNECTION SIZE AND CONNECT WITH DIRT LEG, SHUT OFF VALVE, AND UNION.
5. HOLD SEWER AS LOW AS POSSIBLE TO ALLOW FOR FUTURE BUILDING EXPANSION.
6. POC 2" CW TO EXISTING 2" CW.
7. SAWCUT, TRENCH, AND CONNECT 4" SS TO EXISTING 4" SS BELOW GRADE. EXTEND NEW AS SHOWN, BACKFILL, COMPACT, AND REPAIR SURFACES TO MATCH SURROUNDING.
8. EMERGENCY GAS SHUT OFF VALVE (NORMALLY CLOSED) SHALL BE ELECTRIC SOLENOID TYPE WITH SPRING RETURN AND 24 VOLT ACUTATOR, SUITABLE FOR USE ON GAS PIPING SYTEMS. PROVIDE RELAYS AS REQUIRED TO ACTIVATE SHUT OFF VALVE IN CONJUNCTION WITH A PUSHBUTTON LOCATED IN THE CLASSROOM.
9. REMOVE EXISTING EXTERIOR TYPE FLOOR CLEANOUT AND REPLACE WITH INTERIOR TYPE CLEANOUT AS SPECIFIED IN FIXTURE SCHEDULE.
10. SAWCUT, TRENCH, AND CONNECT 3" SS TO EXISTING 4" SS BELOW GRADE. EXTEND NEW AS SHOWN, BACKFILL, COMPACT, AND REPAIR SURFACES TO MATCH SURROUNDING.
11. POC 3/4" HW, 3/4" CW TO EXISTING ABOVE CEILING AT EXISTING RESTROOM.
12. DISCONNECT EXISTING KITCHEN WATER HEATER FROM HOT WATER, COLD WATER & GAS PIPING. REMOVE EXISTING WATER HEATER AND FLUE (IF APPLICABLE). REPLACE WATER HEATER WITH WH-2 AS SPECIFIED AND RECONNECT TO WATER & GAS PIPING. PROVIDE & INSTALL PVC VENT & COMBUSTION AIR PIPE FROM WATER HEATER UP THROUGH ROOF. SIZE AND INSTALL PER WATER HEATER MANUFACTURER'S INSTRUCTIONS. REDUCE GAS TO MATCH EQUIPMENT CONNECTION SIZE AND CONNECT WITH DIRT LEG, SHUT OFF VALVE, AND UNION.
13. 1/2" GAS, 1/2" HOT & COLD WATER DOWN TO BELOW GRADE TO ISLAND. PROVIDE SHUT OFF VALVES IN WALL BEHIND ACCESS PANEL.
14. DISCONNECT WATER, WASTE & VENT PIPING FROM EXISTING SINK AND REMOVE SINK. PROVIDE AND INSTALL NEW SINK AS SPECIFIED AND CONNECT TO EXISTING WATER, WASTE & VENT PIPING.
15. SAWCUT, TRENCH, AND CONNECT 2" SS TO EXISTING BELOW GRADE. EXTEND NEW AS SHOWN, BACKFILL, COMPACT, AND REPAIR SURFACES TO MATCH SURROUNDING.
16. POC 1-1/2" VENT TO EXISTING ABOVE RESTROOM CEILING.
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18. DISCONNECT EXISTING LP GAS TANKS AND REGULATOR FROM EXISTING LP GAS PIPE BELOW GRADE. RELOCATE TANKS AND REGULATOR EAST OF NEW BUILDING. REMOVE EXISTING LP GAS PIPING FROM TANKS BELOW GRADE TO BUILDING. FIELD VERIFY SIZE AND LOCATION OF EXISTING TANKS AND PIPE.
19. INSTALL (2) RELOCATED LP TANKS AND REGULATOR TO NEW LOCATION. RUN (1) NEW LP GAS PIPE (SAME SIZE AS EXISTING) BELOW GRADE FROM TANKS TO BUILDING, UP EXTERIOR WALL OF BUILDING, AND ACROSS ROOF CONNECTING TO EXISTING LP GAS PIPE. RUN (1) NEW 3" LP GAS PIPE BELOW GRADE TO BUILDING, UP EXTERIOR WALL, AND ACROSS ROOF TO NEW EQUIPMENT AS SHOWN.
20. REMOVE EXISTING LP GAS PIPE BELOW GRADE AND UP EXTERIOR WALL OF BUILDING TO POINT OF DISCONNECT SHOWN.
21. CONNECT NEW LP GAS PIPE TO EXISTING ON ROOF. FIELD VERIFY SYZE.
22. FIELD VERIFY SIZE OF EXISTING LP GAS PIPE ON ROOF AT POINT OF CONNECTION AND SIZE NEW PIPE FROM RELOCATED LP TANKS TO MATCH.
23. LP GAS PIPE FROM BELOW GRADE UP TO ROOF. SEE ROOF PLANS P3.1-P3.5 FOR CONTINUATION.
24. 2" LP GAS PIPE UP TO ROOF. SEE P3.1 FOR CONTINUATION.
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26. 1/2" GAS UP TO ROOF.
27. EXISTING GAS METER AND REGULATOR. UPGRADE METER AND REGULATOR AS REQUIRED FOR ADDITIONAL LOAD OF 1175 CFH. EXISTING 3" GAS UP SIDE OF BUILDING AND ACROSS ROOF TO EXISTING EQUIPMENT TO REMAIN. PROVIDE NEW 3" GAS FROM OUTLET OF METER UP TO ROOF. SEE ROOF PLANS P3.1-P3.5 FOR CONTINUATION.



1.6.14 - Middle School Restroom Renovation and Addition



PLUMBING PLAN - AREA 'D'

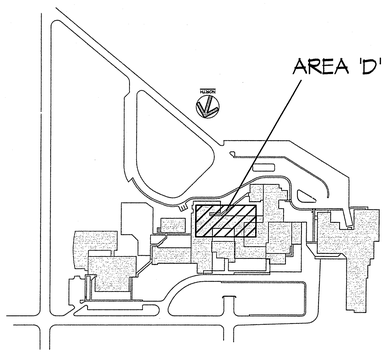
SCALE: 1/8" = 1'-0"

NORTH

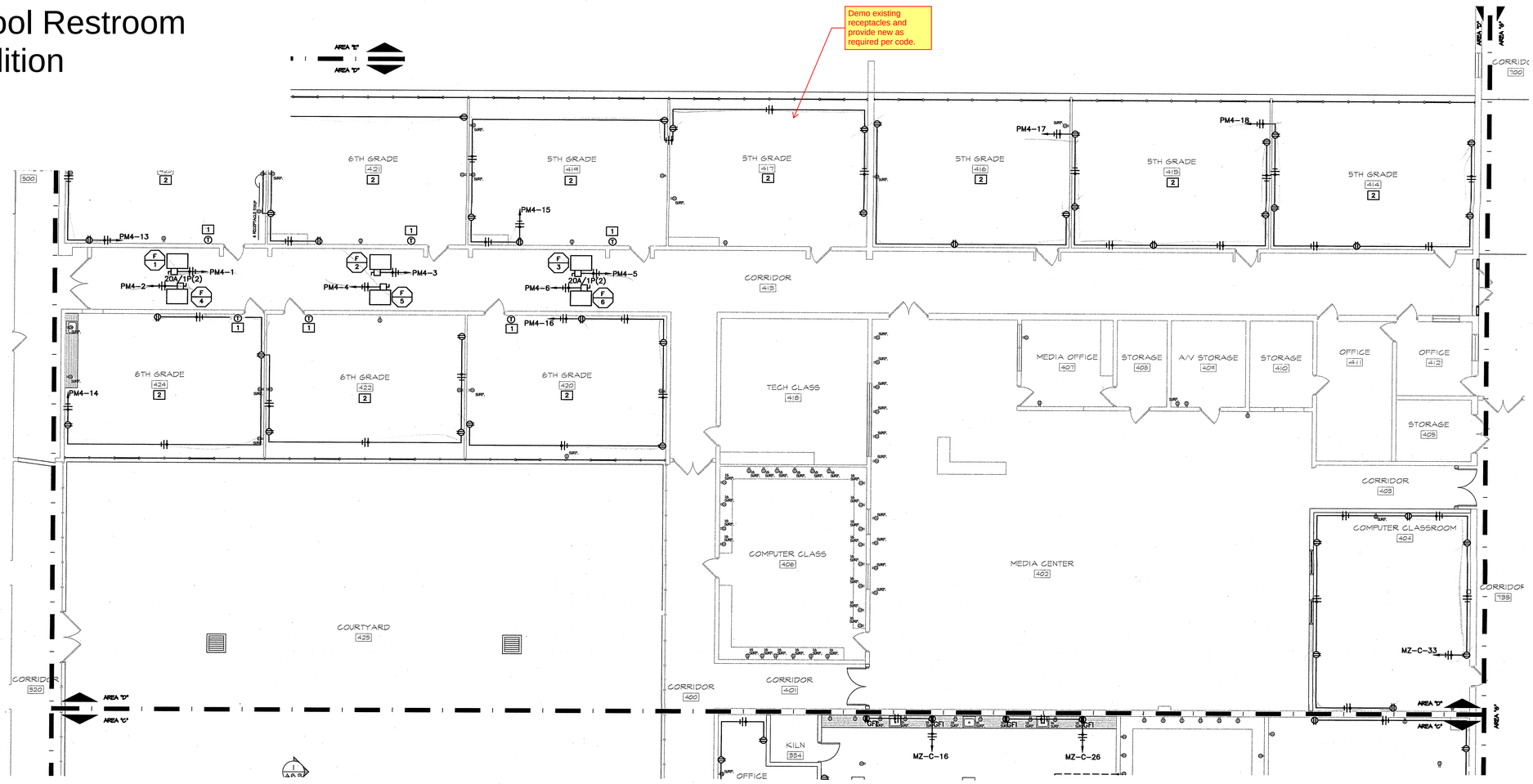
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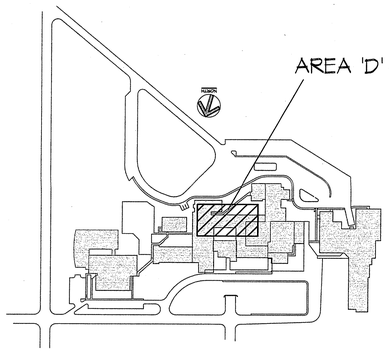
1.6.14 - Middle School Restroom Renovation and Addition



POWER PLAN - AREA 'D'

SCALE: 1/8" = 1'-0"

NORTH



NAVIGATE Building Solutions

Crawford County R-II
1.6.14 - Middle School Restroom Renovations

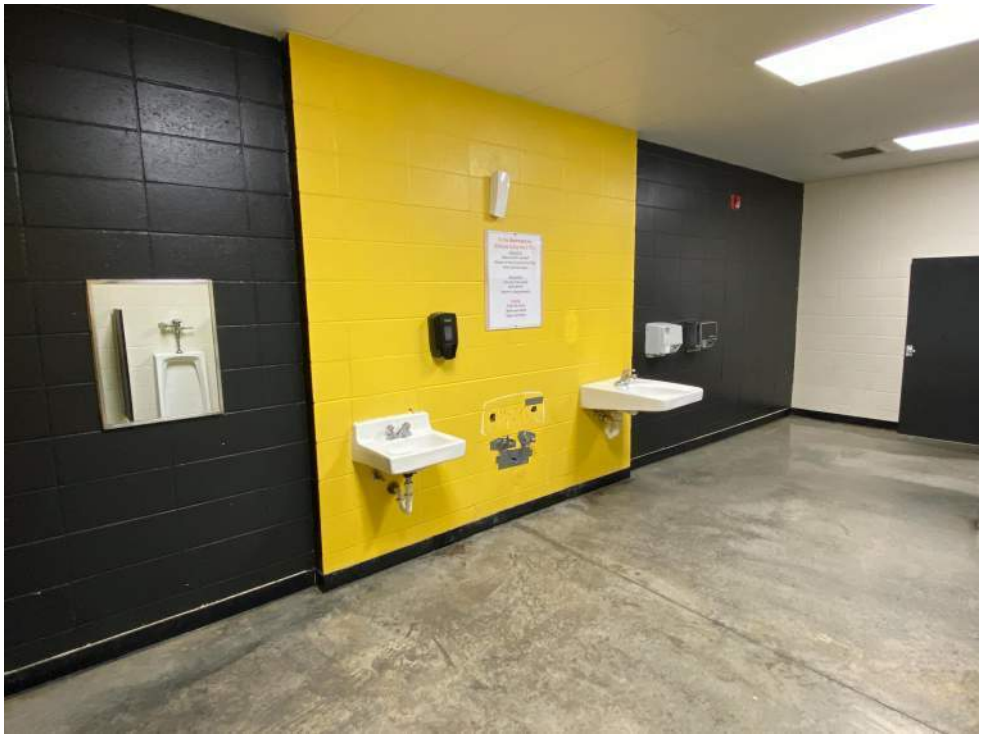
Middle School Restroom Renovations

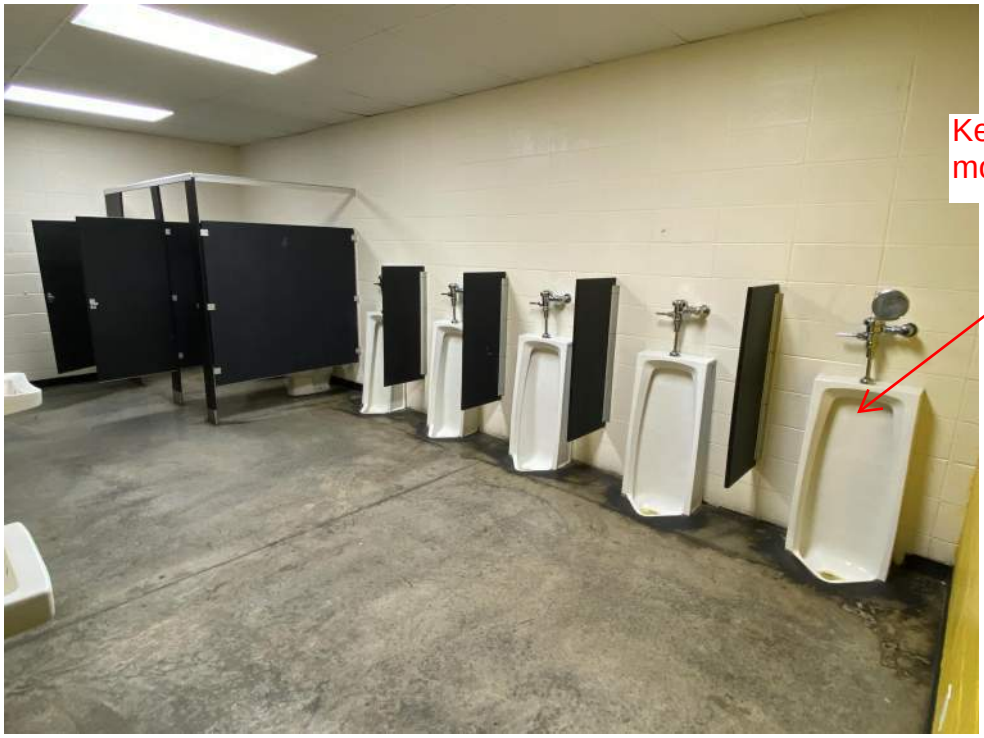
(3) Boys Restrooms
(3) Girls Restrooms

Scope of Work

- Selective Demolition of flooring, toilet partitions, toilet accessories, and plumbing fixtures

- New drywall partitions at sinks to conceal plumbing pipe, wall tile, resinous flooring, new floor mounted toilet partitions and urinal screens, new plumbing fixtures, new toilet accessories, hand dryers, wall paint, and ceiling paint.

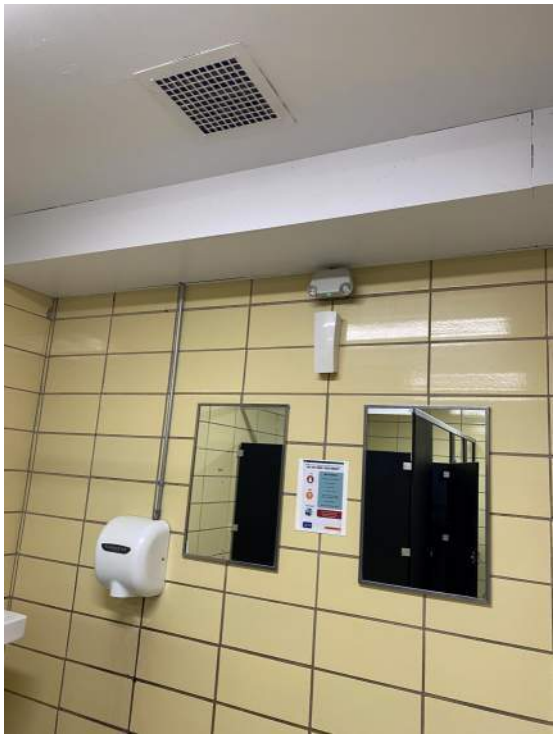





Add drywall partition to conceal plumbing piping. Provide full height wall tile on wall.



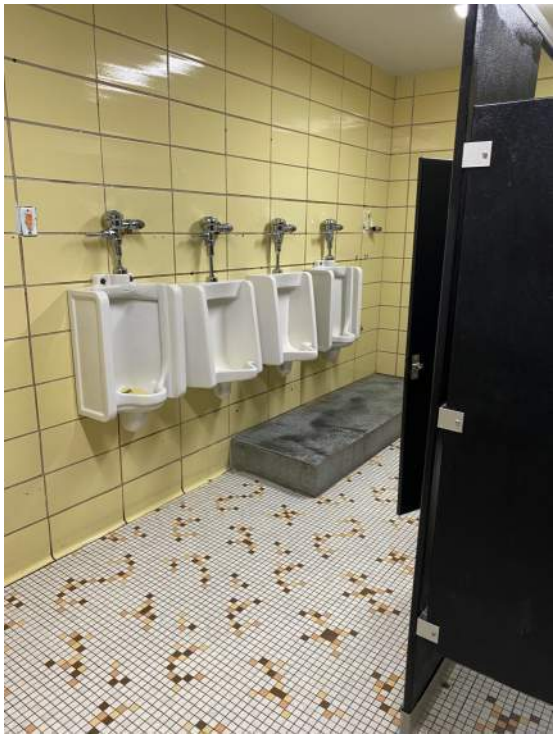

Prep and paint glazed CMU
Demo concrete curb





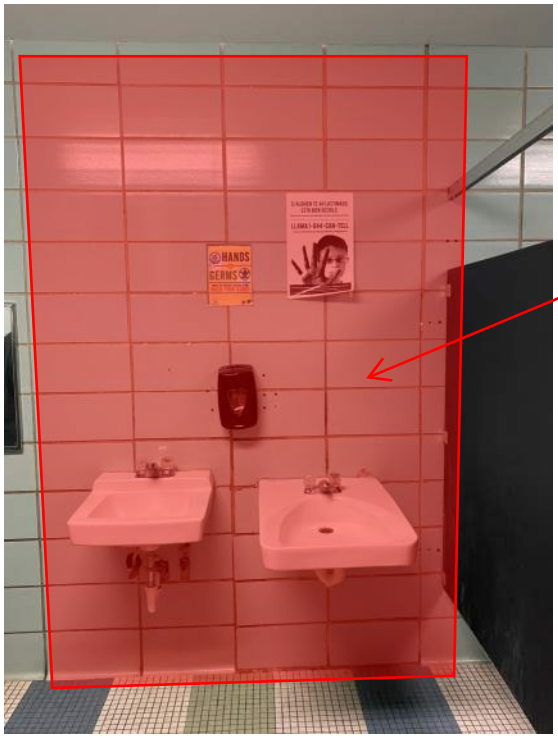
Add drywall partition to conceal plumbing piping for water heater. Provide full height wall tile on wall.






Add drywall partition to conceal plumbing piping for water heater. Provide full height wall tile on wall.





Add drywall partition to conceal plumbing piping for water heater. Provide full height wall tile on wall.







Add drywall partition to conceal plumbing piping for water heater. Provide full height wall tile on wall.



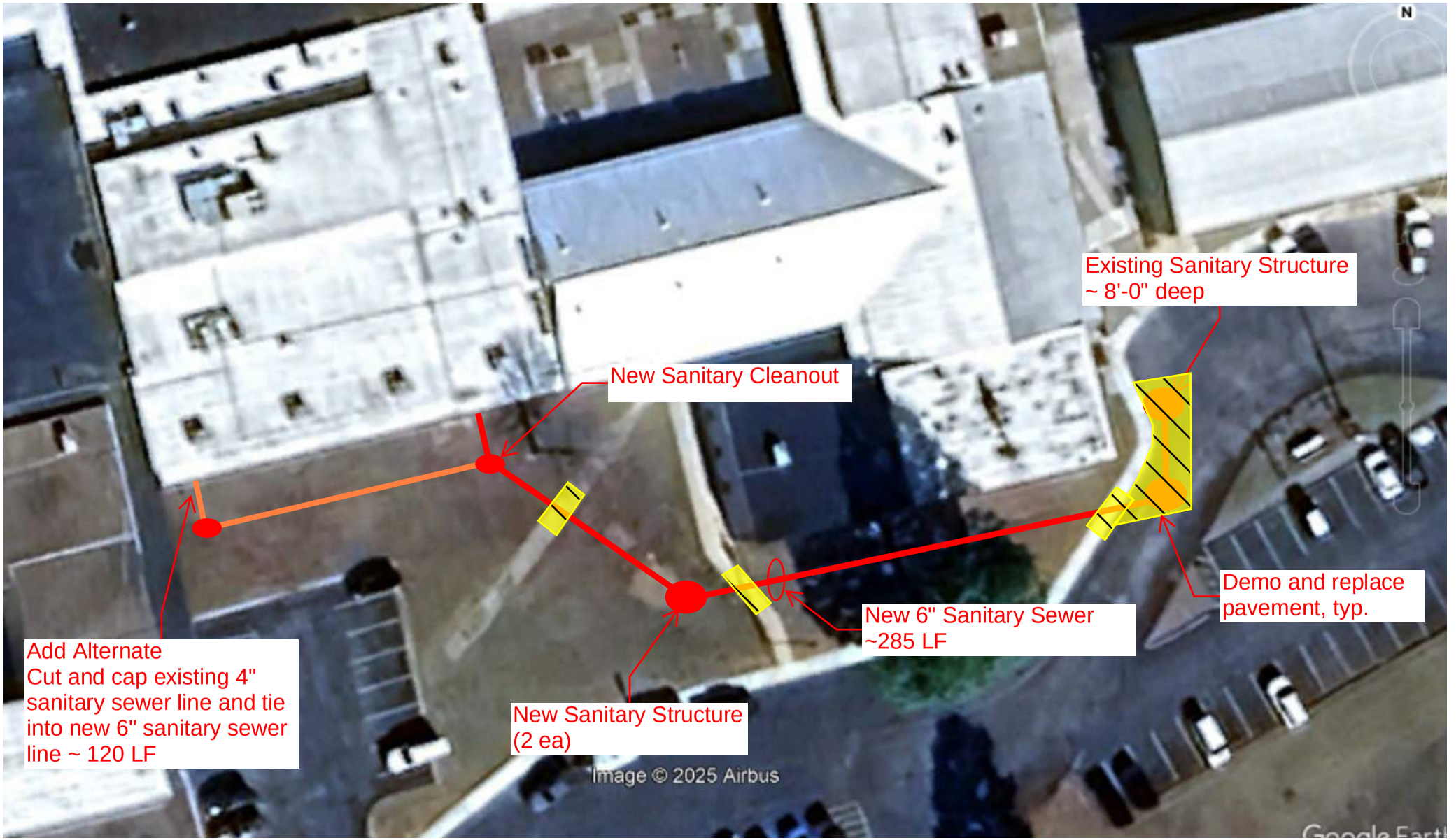










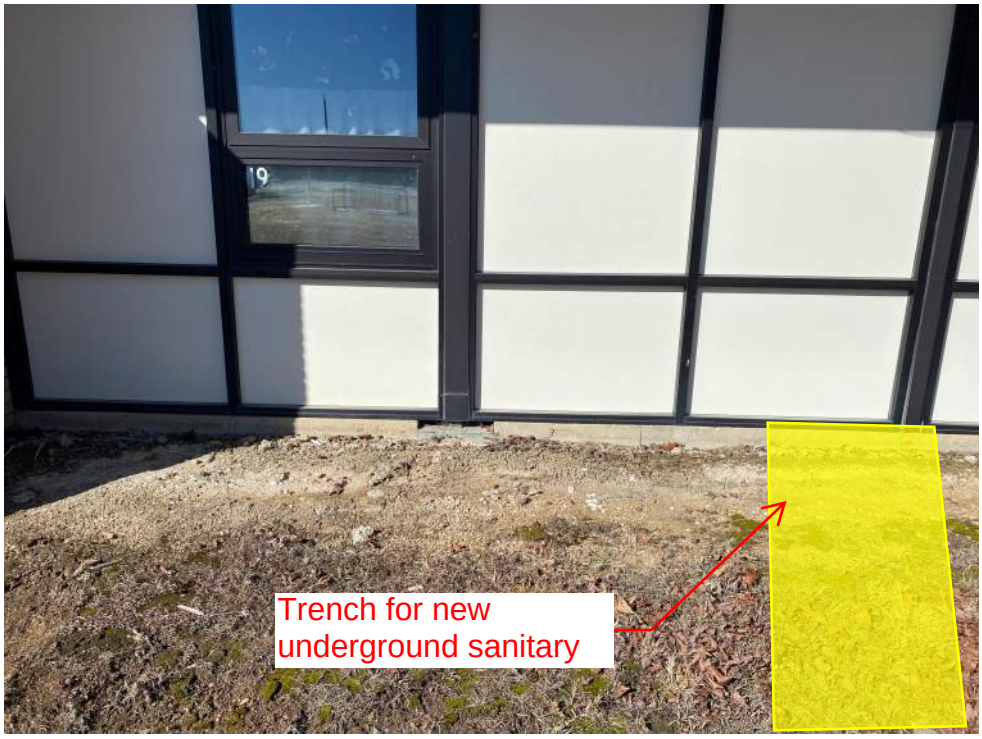

Existing Sanitary Structure
~ 8'-0" deep
New Sanitary Cleanout
Demo and replace
pavement, typ.
New 6" Sanitary Sewer
~285 LF
Add Alternate
Cut and cap existing 4"
sanitary sewer line and tie
into new 6" sanitary sewer
line ~ 120 LF
New Sanitary Structure
(2 ea)
Image © 2025 Airbus
N

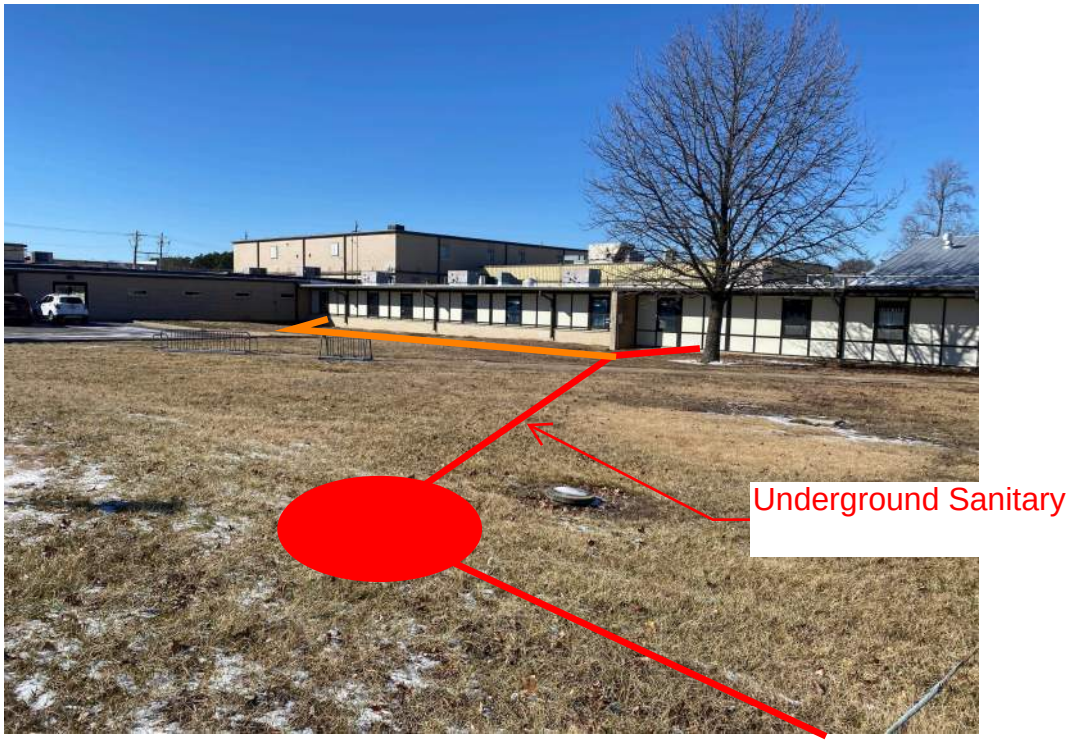
NAVIGATE Building Solutions

Middle School Restroom Addition

Scope of Work

Re-purpose classroom #19 into new restroom facilities, including boys, girls, a staff restroom, and janitor closet.





NAVIGATE Building Solutions





NAVIGATE Building Solutions



Middle School Restroom Addition

Classroom #19 will be re-purposed to a restroom complex.

Existing domestic water lines are located below the floor.

Each restroom will need to include a small electric water heater.



NAVIGATE Building Solutions

Middle School Restroom Addition

Classroom #19 is served by its own rooftop HVAC equipment. No other grille or diffusers were observed in this space. It appears that this oversized grille is for both supply and return. HVAC distribution will need to be considered with converting this space.

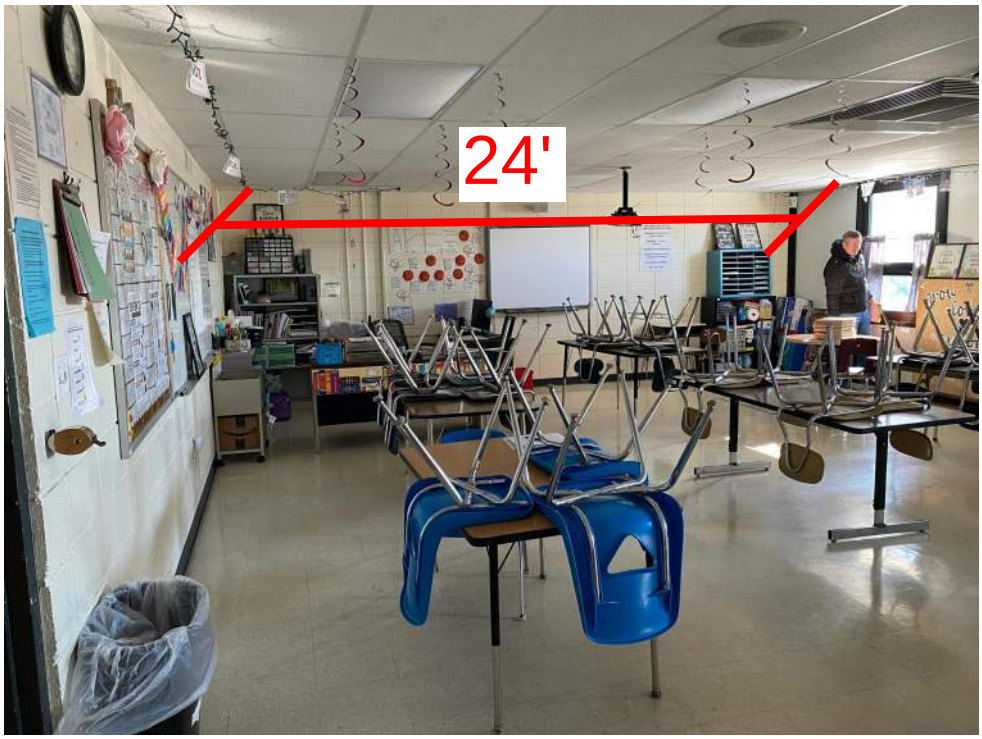


Middle School Restroom Addition

Classroom #19 measures 24' x 32'

Space layout considerations need to include:

- No direct line of sight
- Add a Staff Restroom
- Add a Janitor Closet
- Maximize the number of toilets/urinals



NAVIGATE Building Solutions





Tab 15:	Exterior Masonry Wall Repairs

NAVIGATE
BUILDING SOLUTIONS

Existing Masonry Exterior Walls
FACILITY MAINTENANCE MASTER PLAN

1.6.15 - Evaluate Existing Masonry Exterior Walls

Lump Sum		$	990,110
General Conditions	11.0%	$	108,912
Insurance	1.0%	$	10,990
Overhead and Profit	8.0%	$	88,801
Performance and Payment Bond	1.0%	$	11,988
Escalation per year	3.0%	$	36,324
Soft Costs (Includes Contingency)	25.0%	$	311,781
TOTAL		**$**	**1,558,907**

Description	Quantity	Unit	Price	Extension
Elementary / Primary School		ls		$174,960
Intermediate School		ls		$147,600
High School		ls		$451,100
Middle School		ls		$216,450
			Subtotal*	**$990,110**

**** does not include markup percentages shown above***

NAVIGATE
BUILDING SOLUTIONS

Existing Masonry Exterior Walls

FACILITY MAINTENANCE MASTER PLAN

Elementary / Primary School

Lump Sum		$	174,960
General Conditions	11.0%	$	19,246
Insurance	1.0%	$	1,942
Overhead and Profit	8.0%	$	15,692
Performance and Payment Bond	1.0%	$	2,118
Escalation per year	3.0%	$	6,419
Soft Costs (Includes Contingency)	25.0%	$	55,094
TOTAL		**$**	**275,471**

Description	Quantity	Unit	Price	Extension
Staat Tuckpointing	1	ea	$174,960.00	$174,960
			Subtotal*	**$174,960**

**** does not include markup percentages shown above***

NAVIGATE
BUILDING SOLUTIONS

Existing Masonry Exterior Walls

FACILITY MAINTENANCE MASTER PLAN

Intermediate School

Lump Sum		$	147,600
General Conditions	11.0%	$	16,236
Insurance	1.0%	$	1,638
Overhead and Profit	8.0%	$	13,238
Performance and Payment Bond	1.0%	$	1,787
Escalation per year	3.0%	$	5,415
Soft Costs (Includes Contingency)	25.0%	$	46,479
TOTAL		**$**	**232,393**

Description	Quantity	Unit	Price	Extension
Staat Tuckpointing	1	ls	$147,600.00	$147,600
			Subtotal*	**$147,600**

**** does not include markup percentages shown above***

NAVIGATE
BUILDING SOLUTIONS

Existing Masonry Exterior Walls

FACILITY MAINTENANCE MASTER PLAN

High School

Lump Sum		$	451,100
General Conditions	11.0%	$	49,621
Insurance	1.0%	$	5,007
Overhead and Profit	8.0%	$	40,458
Performance and Payment Bond	1.0%	$	5,462
Escalation per year	3.0%	$	16,549
Soft Costs (Includes Contingency)	25.0%	$	142,049
TOTAL		**$**	**710,247**

Description	Quantity	Unit	Price	Extension
Staat Tuckpointing	1	ls	$345,600.00	$345,600
Geotechnical Engineer	1	ls	$5,000.00	$5,000
Structural Engineer	1	ls	$7,500.00	$7,500
Perimeter Drainage at NW Corner	200	lf	$90.00	$18,000
Foundation Stabilization (i.e. underpinning, helical piers, etc.)	1	allow	$75,000.00	$75,000
			Subtotal*	**$451,100**

**** does not include markup percentages shown above***

NAVIGATE
BUILDING SOLUTIONS

Existing Masonry Exterior Walls

FACILITY MAINTENANCE MASTER PLAN

Middle School

Lump Sum		$	216,450
General Conditions	11.0%	$	23,810
Insurance	1.0%	$	2,403
Overhead and Profit	8.0%	$	19,413
Performance and Payment Bond	1.0%	$	2,621
Escalation per year	3.0%	$	7,941
Soft Costs (Includes Contingency)	25.0%	$	68,159
TOTAL		**$**	**340,796**

Description	Quantity	Unit	Price	Extension
Staat Tuckpointing	1	ls	$216,450.00	$216,450
			Subtotal*	**$216,450**

**** does not include markup percentages shown above***

NAVIGATE
BUILDING SOLUTIONS

1.6.15 – Evaluate Existing Masonry Exterior Walls

1. Evaluation
    a. On March 12, 2025, Dustin Roberts (NAVIGATE) met with Paul Hatton (Staat Tuckpointing) to review the exterior masonry walls at each of the school buildings.
    b. Doug Shockley, Maintenance Supervisor, assisted with the site visit and pointed out known issues, specifically at the high school and Central Office. The specific issues included:
        i. Failed construction joint near the high school main entrance.
        ii. Repeated CMU cracking at the stacked bond near the northwest corner of the high school.
        iii. CMU cracking on the west elevation of the high school near the concrete stairs.
        iv. Brick buckling and staining on the south face of the Central Office Building.
    c. The High School exterior wall is in overall good condition except for failing caulk joints and a few specific issues related to control joints and cracking at the stacked bond CMU.
    d. The Middle School / Intermediate School brick veneer includes a “raked” mortar joint. This style of mortar joint is common with older brick and mortar walls. The disadvantage of a raked mortar joint is that it allows water to pool on the ledge leading to deterioration of the mortar and brick. Most of the mortar joints are intact and could use minor spot tuckpointing. The masonry columns at the covered walkway are showing signs of deterioration and could use replacement and caulking.
    e. The Elementary / Primary School masonry veneer is in overall good condition. There appears to be some tuckpointing required at the steel lintels on the north elevation near the windows and building signage.

2. Scope of Work
    a. The general scope of work for each building is the same, and includes:
        i. Cleaning the existing masonry veneer.
        ii. Tuckpointing a certain percentage of each elevation.
        iii. Minor brick and/or block replacement.
        iv. Removing and re-caulking exterior windows, expansion joints, building-to-sidewalk joints, exterior hollow metal door frames.
        v. Prepping and painting exterior exposed steel window lintels.
        vi. Prepping and painting exterior hollow metal doors and frames.
        vii. Apply an elastomeric coating on the existing EIFS and soffits.
        viii. Apply a masonry sealer to help protect the masonry surface and extend its lifespan.
    b. Refer to the James G. Staat Tuckpointing & Waterproofing Scope of Work documents for further information.

3. Additional Considerations
    a. The northwest corner of the high school building has a crack that appears to start at the foundation level and migrates through the CMU stacked bond. Doug Shockley mentioned that this crack had been previously reviewed by an engineer. The crack is continuing to open which could indicate that the building is continuing to settle or the possibility of soil movement. This corner of the high school appears to have been constructed on fill material, and there is a steep slope not too far from the corner of the building.
    b. Additional geotechnical and structural research and evaluation is recommended. It is recommended that the school district engage a geotechnical engineer and structural engineer to review the subgrade and foundation at this location. Budgets for these services, along with adding perimeter drain tile and some type of local foundation stabilization is accounted for in the high school budget.

8177 Gravois Road
St Louis, Mo 63123

DATE: 03/18/2025

Tel 314-743-0669
Fax 314-743-0671

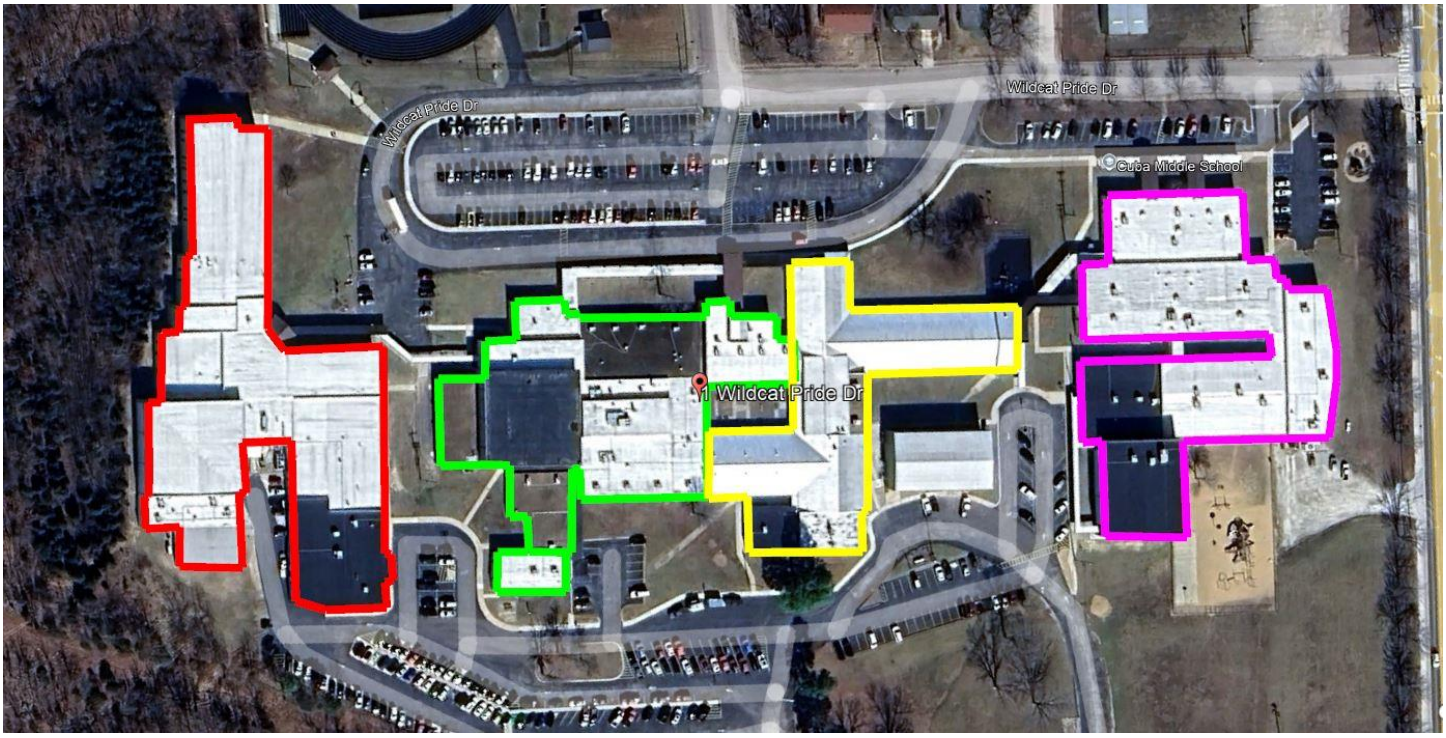
PROJECT: Crawford County Elementary/Primary School (#1 Wildcat Pride Drive, Cuba, MO)

Crawford County Elementary/Primary School

Scope of Work and Bid Proposal

By: Staat Tuck-pointing & Waterproofing

We are pleased to submit our bid for the work outlined below, according to plans, specifications and clarifications noted hereafter:



Scope

- **Scope of Work-MAGENTA AREA**
  - **Bio clean**
    - Bio Clean all masonry with Enviro Klean by Prosoco and hot water approx. 180 degrees at no more than 400 p.s.i.
  - **Tuckpoint 10% of Brick**
    - Grind with dustless vacuum per Osha Guidelines
    - Grind min. ½" in depth or to sound mortar
    - Lightly rinse ground mortar joints to remove any contaminates or loose material

- Install Type “N” mortar
- Tooling, texture and color to match existing
- Mortar to set no less than seven (7) days prior to washing with detergents to expose sand

- **Cutout and recaulk window perimeters**
  - Remove existing sealant
  - Clean and prep both edges
  - Solvent wipe
  - Install backing to proper depth
    - Apply silicone sealant with no less than 100% elasticity, tooled to a concave finish
    - Pending on manufacturer sealant priming may be required
  - Pull and adhesion testing of sealant will be required prior to installation
- **Cut out and re-caulk all expansion joints**
  - Remove existing sealant
  - Clean and prep both edges
  - Solvent wipe
  - Install backing to proper depth
  - Apply silicone sealant with no less than 100% elasticity, tooled to a concave finish
    - Pending on manufacturer sealant priming may be required
  - Pull and adhesion testing of sealant will be required prior to installation
- **Caulk building perimeter to sidewalk**
  - Mechanically remove existing urethane sealant
  - Clean and prep both edges
  - Solvent wipe
  - Install backing to proper depth
  - Apply sealant tooled to a concave finish
  - Pull and adhesion testing of sealant will be required prior to installation
- **Caulk around all man doors**
- **At Columns**
  - Replace up to six (6) block *(columns located in the front of the Elem. and Primary School only)*
  - Caulk sidewalk to block
  - Caulk top of stone caps to metal columns
- **Caulk existing louver perimeters**
- **Paint exposed steel angles with DTM**
- **Paint Exterior hollow metal doors**
- **Coat Eifs, Soffits, Gym walls above roofs**
  - Coat with elastomeric coating
- **Replace 10 brick**
  - Tooth out existing damaged brick, install new to match existing as close as possible
- **Seal Masonry**
  - Seal with clear penetrating sealer

- Sealer should be applied from lower level up, once you have a 3" rundown you can proceed to seal vertically for proper application (Do not start from top and work down, this will incur streaking)

TOTAL BUDGET AMOUNT: $174,960.00

EXCLUSIONS:

We exclude any work (ex: furnishing, installing, structurally supporting...) with the following items
- Flashing repair or replacement
- We exclude any premium time or shift work to meet or maintain the job schedule or meet project completion dates
- This proposal does not include the cost of permits.
NO BUILDING PERMITS INCLUDED
-Water and Electric by owner
-No abatement included
-Excludes any/all permits
-No MBE participation in the above pricing
Any orientations and badging to be paid for by others

- This proposal excludes any and all time delays and cost increases arising from or related to the COVID-19 virus and any government or third party action in response thereto.

We look forward to the opportunity to work with you. If you have any questions, please call.
Thank You,

Steve White/js
Estimating
James G Staat Tuck-pointing

Failure of this contractor to pay those persons supplying material or services to complete this contract can result in the filing of a mechanic's lien on the property which is subject of this contract pursuant to chapter 429, RSMo. To avoid this result you may ask this contractor for "lien waivers", from all persons supplying material or services for the work described in this contract. Failure to secure lien waivers may result in your paying for labor and material twice. Any alteration or deviation from above specifications involving extra costs will be executed only upon written order, and will become an extra charge over and above this estimate. All agreements contingent upon strikes, accidents, or delays beyond our control. For this bid to be valid we must be considered or rejected within 24 hours of bid. Amount subject to change after 20 days. We exclude any and all liquidated damages. This quotation is to become a part of any contract/subcontract agreement.

8177 Gravois Road
St Louis, Mo 63123

DATE: 03/18/2025

Tel 314-743-0669
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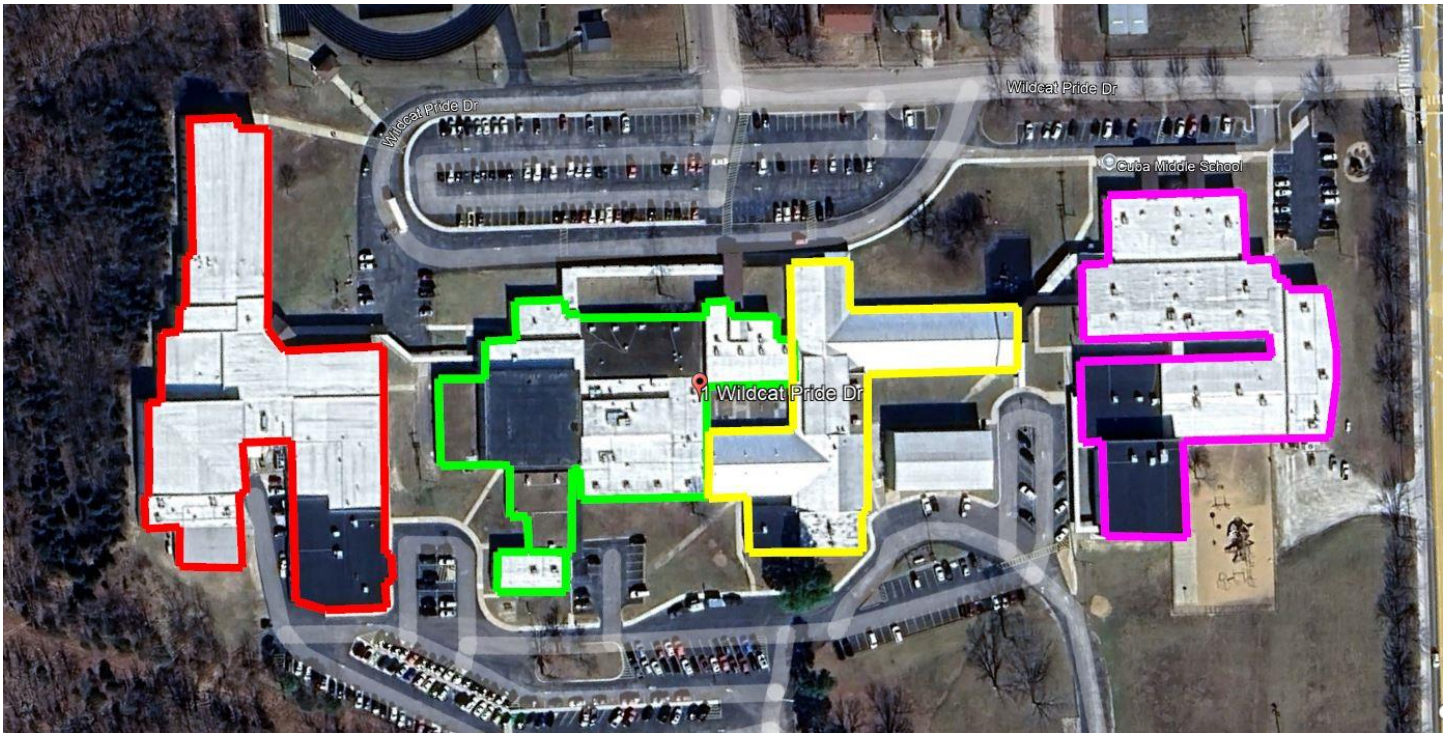
PROJECT: Crawford County Intermediate School (#1 Wildcat Pride Drive, Cuba, MO)

Crawford County Intermediate School

Scope of Work and Bid Proposal

By: Staat Tuck-pointing & Waterproofing

We are pleased to submit our bid for the work outlined below, according to plans, specifications and clarifications noted hereafter:



Scope

- **Scope of Work-YELLOW AREA**
  - **Bio clean**
    - Bio Clean all masonry with Enviro Klean by Prosoco and hot water approx. 180 degrees at no more than 400 p.s.i.
  - **Tuckpoint 5% of Brick (Contractor to Field Verify Quantity)**
    - Grind with dustless vacuum per Osha Guidelines
    - Grind min. ½" in depth or to sound mortar
    - Lightly rinse ground mortar joints to remove any contaminates or loose material

- Install Type “N” mortar
- Tooling, texture and color to match existing
- Mortar to set no less than seven (7) days prior to washing with detergents to expose sand

- **Cutout and recaulk window perimeters**
- **Reglaze storefronts**
  - Remove existing sealant
  - Clean and prep both edges
  - Solvent wipe
  - Install backing to proper depth
    - Apply silicone sealant with no less than 100% elasticity, tooled to a concave finish
    - Pending on manufacturer sealant priming may be required
  - Pull and adhesion testing of sealant will be required prior to installation
- **Cut out and re-caulk all expansion joints**
  - Remove existing sealant
  - Clean and prep both edges
  - Solvent wipe
  - Install backing to proper depth
  - Apply silicone sealant with no less than 100% elasticity, tooled to a concave finish
    - Pending on manufacturer sealant priming may be required
  - Pull and adhesion testing of sealant will be required prior to installation
- **Caulk building perimeter to sidewalk**
  - Mechanically remove existing urethane sealant
  - Clean and prep both edges
  - Solvent wipe
  - Install backing to proper depth
  - Apply sealant tooled to a concave finish
  - Pull and adhesion testing of sealant will be required prior to installation
- **Caulk around all man doors**
- **At Columns**
  - Replace up to six (6) block *(columns located in the front of the Intermediate School only)*
  - Caulk sidewalk to block
  - Caulk top of stone caps to metal columns
- **Caulk existing louver perimeters**
- **Paint exposed steel angles with DTM**
- **Paint Exterior hollow metal doors**
- **Coat Eifs, Soffits, Gym walls above roofs**
  - Coat with elastomeric coating
- **Replace 12 brick**
  - Tooth out existing damaged brick, install new to match existing as close as possible
- **Seal Masonry**
  - Seal with clear penetrating sealer

- Sealer should be applied from lower level up, once you have a 3" rundown you can proceed to seal vertically for proper application (Do not start from top and work down, this will incur streaking)

TOTAL BUDGET AMOUNT: $147,600.00

EXCLUSIONS:

We exclude any work (ex: furnishing, installing, structurally supporting...) with the following items
- Flashing repair or replacement
- We exclude any premium time or shift work to meet or maintain the job schedule or meet project completion dates
- This proposal does not include the cost of permits.

NO BUILDING PERMITS INCLUDED
-Water and Electric by owner
-No abatement included
-Excludes any/all permits
-No MBE participation in the above pricing
Any orientations and badging to be paid for by others

- This proposal excludes any and all time delays and cost increases arising from or related to the COVID-19 virus and any government or third party action in response thereto.

We look forward to the opportunity to work with you. If you have any questions, please call.
Thank You,

Steve White/js
Estimating
James G Staat Tuck-pointing

Failure of this contractor to pay those persons supplying material or services to complete this contract can result in the filing of a mechanic's lien on the property which is subject of this contract pursuant to chapter 429, RSMo. To avoid this result you may ask this contractor for "lien waivers", from all persons supplying material or services for the work described in this contract. Failure to secure lien waivers may result in your paying for labor and material twice. Any alteration or deviation from above specifications involving extra costs will be executed only upon written order, and will become an extra charge over and above this estimate. All agreements contingent upon strikes, accidents, or delays beyond our control. For this bid to be valid we must be considered or rejected within 24 hours of bid. Amount subject to change after 20 days. We exclude any and all liquidated damages. This quotation is to become a part of any contract/subcontract agreement.

8177 Gravois Road
St Louis, Mo 63123

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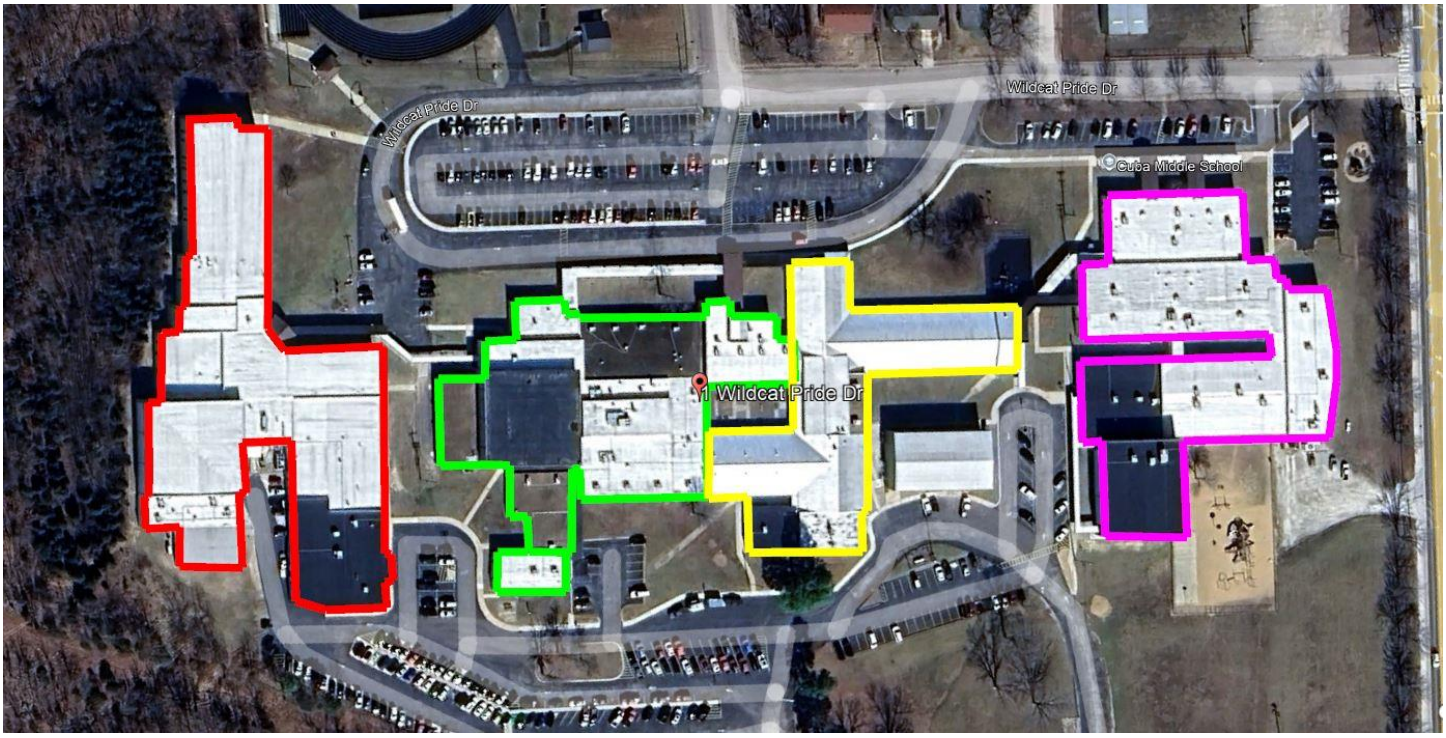
PROJECT: Crawford County High School (#1 Wildcat Pride Drive, Cuba, MO)

Crawford County High School

Scope of Work and Bid Proposal

By: Staat Tuck-pointing & Waterproofing

We are pleased to submit our bid for the work outlined below, according to plans, specifications and clarifications noted hereafter:



Scope

- **Scope of Work- RED AREA**
  - **Bio clean**
    - Bio Clean all masonry with Enviro Klean by Prosoco and hot water approx. 180 degrees at no more than 400 p.s.i.
  - **Tuckpoint 10% of Brick (Contractor to Field Verify Quantity)**
  - **Tuckpoint 10% of Block (Contractor to Field Verify Quantity)**
    - Grind with dustless vacuum per Osha Guidelines
    - Grind min. ½" in depth or to sound mortar

- Lightly rinse ground mortar joints to remove any contaminates or loose material
- Install Type "N" mortar
- Tooling, texture and color to match existing
- Mortar to set no less than seven (7) days prior to washing with detergents to expose sand

- **Cutout and recaulk window perimeters**
  - Remove existing sealant
  - Clean and prep both edges
  - Solvent wipe
  - Install backing to proper depth
    - Apply silicone sealant with no less than 100% elasticity, tooled to a concave finish
    - Pending on manufacturer sealant priming may be required
  - Pull and adhesion testing of sealant will be required prior to installation
- **Cut in New Control Joints**
  - Cut three (3) new vertical control joints
    - Prep joint
    - Install proper size backing rod
    - Install new sealant (Paintable)
      - Or may have to install Emseal (preformed expansion Joint)
- **Cut out and re-caulk all expansion joints**
  - Remove existing sealant
  - Clean and prep both edges
  - Solvent wipe
  - Install backing to proper depth
  - Apply silicone sealant with no less than 100% elasticity, tooled to a concave finish
    - Pending on manufacturer sealant priming may be required
  - Pull and adhesion testing of sealant will be required prior to installation
- **Caulk building perimeter to sidewalk**
  - Mechanically remove existing urethane sealant
  - Clean and prep both edges
  - Solvent wipe
  - Install backing to proper depth
  - Apply sealant tooled to a concave finish
  - Pull and adhesion testing of sealant will be required prior to installation
- **Caulk around all man doors**
- **At Columns**
  - Replace up to twelve (12) block *(columns located in the front of the High School only)*
  - Caulk sidewalk to block
  - Caulk top of stone caps to metal columns
- **Caulk existing louver perimeters**
- **Paint exposed steel angles with DTM**
- **Paint Exterior hollow metal doors**

- **Coat Eifs, Soffits, Gym walls above roofs**
  - Coat with elastomeric coating
- **Replace 20 brick**
  - Tooth out existing damaged brick, install new to match existing as close as possible
- **Seal Masonry**
  - Seal with clear penetrating sealer
  - Sealer should be applied from lower level up, once you have a 3" rundown you can proceed to seal vertically for proper application (Do not start from top and work down, this will incur streaking)

TOTAL BUDGET AMOUNT: $345,600.00

EXCLUSIONS:

We exclude any work (ex: furnishing, installing, structurally supporting...) with the following items
- Flashing repair or replacement
- We exclude any premium time or shift work to meet or maintain the job schedule or meet project completion dates
- This proposal does not include the cost of permits.

NO BUILDING PERMITS INCLUDED
-Water and Electric by owner
-No abatement included
-Excludes any/all permits
-No MBE participation in the above pricing
Any orientations and badging to be paid for by others

- This proposal excludes any and all time delays and cost increases arising from or related to the COVID-19 virus and any government or third party action in response thereto.

We look forward to the opportunity to work with you. If you have any questions, please call.
Thank You,

Steve White/js
Estimating
James G Staat Tuck-pointing

_____

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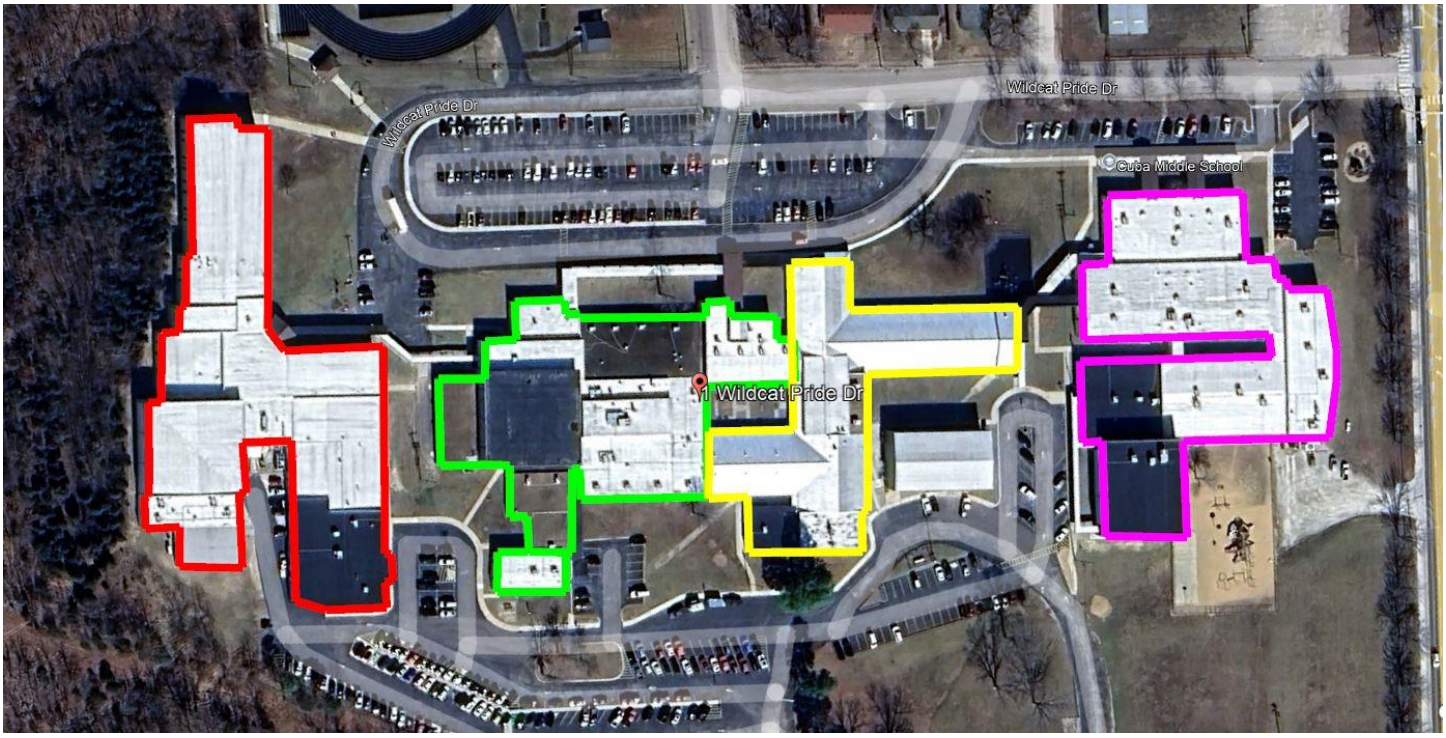
PROJECT: Crawford County Middle School (#1 Wildcat Pride Drive, Cuba, MO)

Crawford County Middle School

Scope of Work and Bid Proposal

By: Staat Tuck-pointing & Waterproofing

We are pleased to submit our bid for the work outlined below, according to plans, specifications and clarifications noted hereafter:



Scope

- **Scope of Work-GREEN AREA**
  - **Bio clean**
    - Bio Clean all masonry with Enviro Klean by Prosoco and hot water approx. 180 degrees at no more than 400 p.s.i.
  - **Tuckpoint 10% of Brick (Contractor to Field Verify Quantity)**
  - **Tuckpoint 10% of Block (Contractor to Field Verify Quantity)**
    - Grind with dustless vacuum per Osha Guidelines
    - Grind min. ½" in depth or to sound mortar

- Lightly rinse ground mortar joints to remove any contaminates or loose material
- Install Type “N” mortar
- Tooling, texture and color to match existing
- Mortar to set no less than seven (7) days prior to washing with detergents to expose sand

- **Cutout and recaulk window perimeters**
  - Remove existing sealant
  - Clean and prep both edges
  - Solvent wipe
  - Install backing to proper depth
    - Apply silicone sealant with no less than 100% elasticity, tooled to a concave finish
    - Pending on manufacturer sealant priming may be required
  - Pull and adhesion testing of sealant will be required prior to installation
- **Cut out and re-caulk all expansion joints**
  - Remove existing sealant
  - Clean and prep both edges
  - Solvent wipe
  - Install backing to proper depth
  - Apply silicone sealant with no less than 100% elasticity, tooled to a concave finish
    - Pending on manufacturer sealant priming may be required
  - Pull and adhesion testing of sealant will be required prior to installation
- **Caulk building perimeter to sidewalk**
  - Mechanically remove existing urethane sealant
  - Clean and prep both edges
  - Solvent wipe
  - Install backing to proper depth
  - Apply sealant tooled to a concave finish
  - Pull and adhesion testing of sealant will be required prior to installation
- **Caulk around all man doors**
- **At Columns**
  - Replace up to six (6) block *(columns located in the front of the Middle School only)*
  - Caulk sidewalk to block
  - Caulk top of stone caps to metal columns
- **Caulk existing louver perimeters**
- **Paint exposed steel angles with DTM**
- **Paint Exterior hollow metal doors**
- **Coat Eifs, Soffits, Gym walls above roofs**
  - Coat with elastomeric coating
- **Replace 10 brick**
  - Tooth out existing damaged brick, install new to match existing as close as possible
- **Seal Masonry**
  - Seal with clear penetrating sealer

- Sealer should be applied from lower level up, once you have a 3" rundown you can proceed to seal vertically for proper application (Do not start from top and work down, this will incur streaking)

TOTAL BUDGET AMOUNT: $216,450.00

EXCLUSIONS:

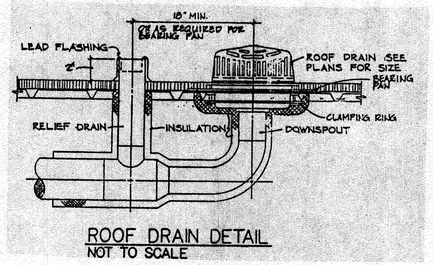
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NO BUILDING PERMITS INCLUDED
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Thank You,

Steve White/js
Estimating
James G Staat Tuck-pointing

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ROOF DRAIN DETAIL
NOT TO SCALE

Wall of Concern

Wall of Concern

Existing
Construction Joint
Pulling Away

RD-1: "JOSAM" #21506-12466 ROOF DRAIN
RD-2: "JOSAM" #21804-12HA-6 ROOF DRAIN

NOTE:
REFER TO PLUMBING, MECHANICAL & ELECTRICAL PLANS FOR ROOF PENETRATION REQUIREMENTS & LOCATION.

ROOF PLAN - BUILDING "A"

SCALE: 1/16" = 1'-0" (HIGH SCHOOL)

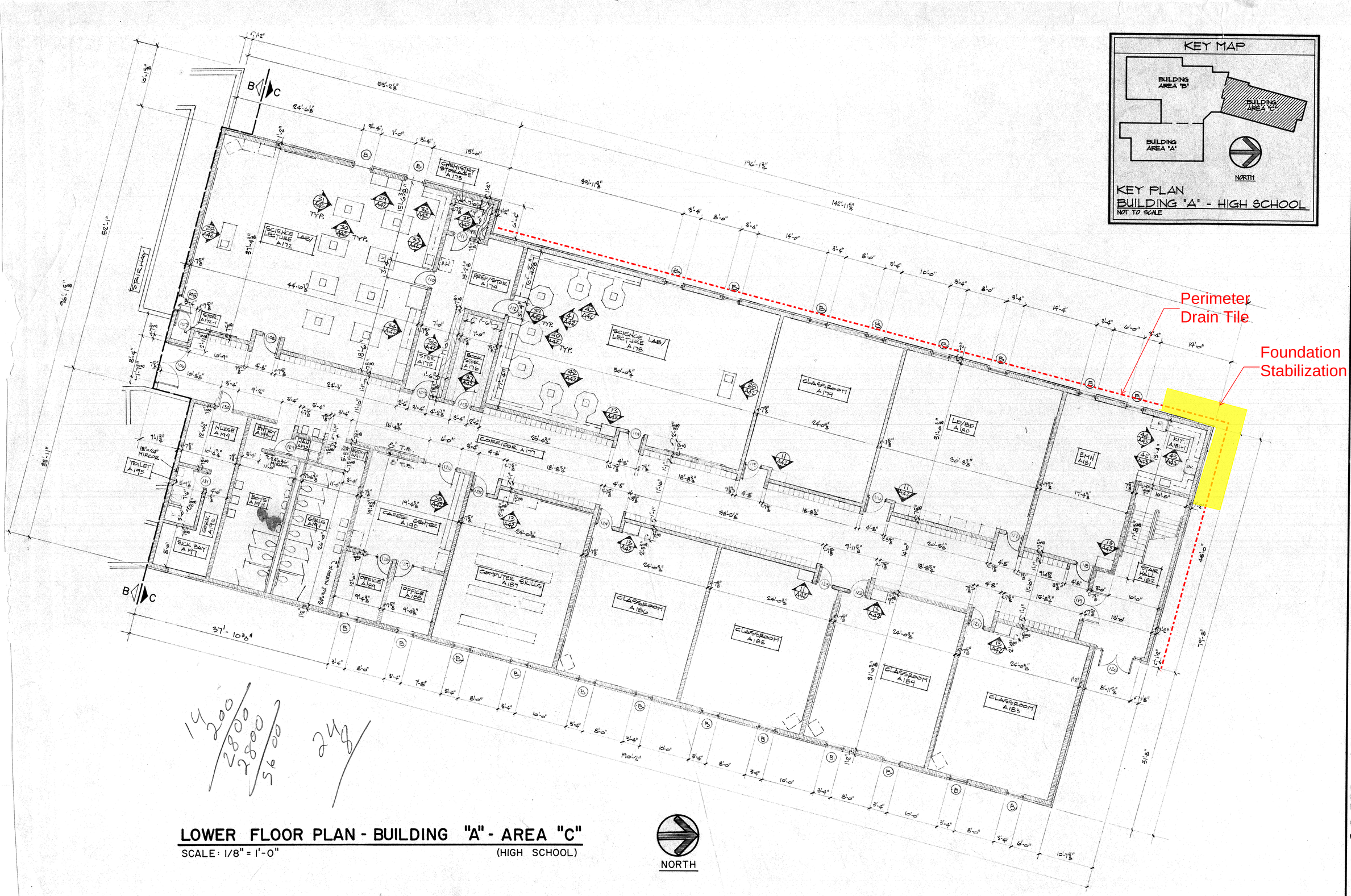
NORTH

SAM A. WINN NUMBER A-2465
REGISTERED ARCHITECT
STATE OF MISSOURI

SAW SAM A. WINN & ASSOCIATES * ARCHITECTS AIA
1949 EAST SUNSHINE - SUITE 4-400 SPRINGFIELD, MISSOURI 65804
telephone 417/882-7821
417/882-1870 Fax

proj. no: 9415 NEW HIGH SCHOOL FACILITY AND ADDITIONS & ALTERATIONS TO EXISTING SCHOOL FACILITIES FOR REORGANIZED SCHOOL DISTRICT R-II
date: MAY 9, 1994 CRAWFORD COUNTY, CUBA, MISSOURI

A22
sht. no.
set no.



14200
2800
2800
5600

24

LOWER FLOOR PLAN - BUILDING "A" - AREA "C"

SCALE: 1/8" = 1'-0" (HIGH SCHOOL)

NORTH

STATE OF MISSOURI * REGISTERED ARCHITECT
SAM A. WINN NUMBER A-2

SAW SAM A. WINN & ASSOCIATES * ARCHITECTS
1949 EAST SUNSHINE - SUITE 4-400
SPRINGFIELD, MISSOURI 65804
telephone 417/882-7821
417/882-1870 Fax

proj. no.: 9415 NEW HIGH SCHOOL FACILITY AND ADDITIONS AND ALTERATIONS TO EXISTING SCHOOL FACILITIES FOR REORGANIZED SCHOOL DISTRICT R-II

date: MAY 9, 1994 CRAWFORD COUNTY, MISSOURI

A10
sht. no.
set no.

CODE DATA

BUILDING CODES
- IBC - 2000
- INTERNATIONAL MECHANICAL - 2000
- INTERNATIONAL PLUMBING - 2000
- NATIONAL ELECTRICAL CODE - 2000

OCCUPANCY - E
CONSTRUCTION - 2B
PROPOSED STRUCTURE - NEW BUILDING ADDITION
- PARTIAL EXISTING RENOVATION

SQUARE FOOTAGE
- NEW ADDITION = 6,700 SQ. FT.
- RENOVATION = 25,000 SQ. FT.
- (NOTE SQUARE FOOTAGES INCLUDES AREAS OUTSIDE OF THE EXTERIOR WALLS THAT ARE UNDER COVERED ROOF I.E. CANOPIES.)

LEGEND

- INDICATES 1 HOUR FIRE RATED ASSEMBLY
- INDICATES 2 HOUR FIRE RATED ASSEMBLY
- INDICATES 1 HOUR FIRE RATED ASSEMBLY METAL STUDS @ 16" O.C. AND 5/8" TYPE "X" GYPSUM BOARD - SEE DETAILS

FIRE WALL INFORMATION

- A — ONE MYTH 8" CMU TO JOIST BRG. ELEV. CLOSE AT METAL DECK WITH FIRE SAFING. 1 HOUR RATED ASSEMBLY
- B — ONE MYTH 8" CMU TO CLOSE AT METAL DECK ABOVE. 2 HOUR RATED ASSEMBLY

OCCUPANT LOAD INFORMATION:

ROOM — OO — OCCUPANT LOAD

EGRESS (CORRIDOR) — OOO / OOO — OCCUPANT LOAD (ACTUAL) / OCCUPANT LOAD (ALLOWED)

EGRESS (DOOR) — OO / OOO — OCCUPANT LOAD (ACTUAL) / OCCUPANT LOAD (ALLOWED)

DOOR	36" - 2" = 34"	34" / .2 = 170 OCCUPANTS
DOOR	48" - 2" = 46"	46" / .2 = 230 OCCUPANTS
DOOR (PAIR)	124" - 4" = 68"	68" / .2 = 340 OCCUPANTS
DOOR (PAIR) W/ MULLION	96" - 4" = 92"	92" / .2 = 460 OCCUPANTS
DOOR (PAIR) W/ MULLION	124" - 5" = 87"	87" / .2 = 335 OCCUPANTS
DOOR (PAIR) W/ MULLION	96" - 5" = 91"	91" / .2 = 455 OCCUPANTS
STAIRWAY	WIDTH / .3 = OCCUPANTS	

Wall of Concern

AREA 'E' AREA 'H'

AREA 'D' AREA 'C'

AREA 'F' AREA 'D'

AREA 'F' AREA 'G'

AREA 'E' AREA 'H'

AREA 'D' AREA 'C'

AREA 'G' AREA 'C'

606'-0 3/4"

OVERALL MIDDLE SCHOOL FLOOR PLAN - AREAS "C", "D", "E", "F", "G" & "H"
SCALE: 1" = 20'-0"

NORTH

AREAS 'C', 'D', 'E', 'F', 'G' & 'H'

Revision Number	Revision Date

STATE OF MISSOURI — SAM A. WINN — NUMBER A-4469 — REGISTERED ARCHITECT

Additions and Alterations to Existing Elementary and Middle School Facilities for

Crawford County R-II School District

Crawford County Cuba, Missouri

COPYRIGHT 2004 SAM A. WINN and ASSOCIATES ARCHITECTS, P.C.

SAW
Sam A. Winn & Associates
ARCHITECTS, P.C.
A.I.A.
1643 SOUTH ENTERPRISE
SPRINGFIELD, MO 65804
(417) 882-7821
FAX (417) 882-1876

OVERALL MIDDLE SCHOOL FLOOR PLAN

Comm. No. #0513
Date: 04/22/2005

A1.2

PLOTTED: Aug 15, 2005

FILE: G:\Cubo\0513 - Elementary-Middle Addn & Alts\0513D025-05\BASIS-2 ELEM-MS OA FLAN.dwg

NAVIGATE Building Solutions

Crawford County

Description

Taken Date
03/12/2025 at 11:27 am

Upload Date
03/19/2025 at 10:50 am

Uploaded By
Dustin Roberts

File Name
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Crawford County

Description

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03/12/2025 at 11:23 am

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03/19/2025 at 10:50 am

Uploaded By
Dustin Roberts

File Name
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NAVIGATE Building Solutions

Crawford County

Description

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03/12/2025 at 11:19 am

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03/19/2025 at 10:50 am

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Dustin Roberts

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Crawford County

Description

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03/12/2025 at 11:15 am

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03/19/2025 at 10:50 am

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Dustin Roberts

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Crawford County

Description

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03/12/2025 at 11:12 am

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03/19/2025 at 10:50 am

Uploaded By
Dustin Roberts

File Name
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Crawford County

Description

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Crawford County

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File Name
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Crawford County

Description

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Crawford County

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Crawford County

Description

Taken Date
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Dustin Roberts

File Name
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Crawford County

Description

Taken Date
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Crawford County

Description

Taken Date
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Crawford County

Description

Taken Date
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Upload Date
03/19/2025 at 10:50 am

Uploaded By
Dustin Roberts

File Name
IMG_0402.JPG

High School Building

Discoloration is due to moisture trapped in the wall cavity and evaporating out.



Crawford County

Description

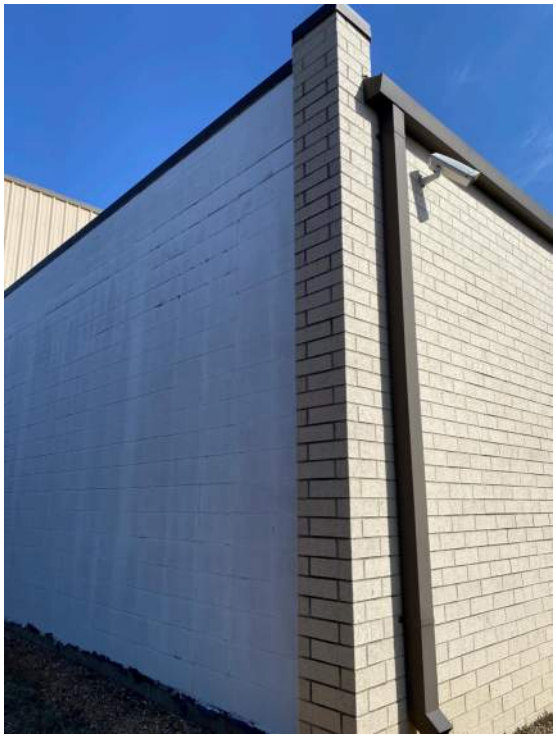
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File Name
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High School Building



Crawford County

Description

Taken Date
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Uploaded By
Dustin Roberts

File Name
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High School Building



Crawford County

Description

Taken Date
03/12/2025 at 10:54 am

Upload Date
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Uploaded By
Dustin Roberts

File Name
IMG_0399.JPG

High School Building



Crawford County

Description

Taken Date
03/12/2025 at 10:53 am

Upload Date
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Uploaded By
Dustin Roberts

File Name
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High School Building



Crawford County

Description

Taken Date
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Dustin Roberts

File Name
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High School Building



Crawford County

Description

Taken Date
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Upload Date
03/19/2025 at 10:50 am

Uploaded By
Dustin Roberts

File Name
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High School Building - Northwest Corner



Crawford County

Description

Taken Date
03/12/2025 at 10:48 am

Upload Date
03/19/2025 at 10:50 am

Uploaded By
Dustin Roberts

File Name
IMG_0395.JPG

High School Building - Northwest Corner



Crawford County

Description

Taken Date
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Upload Date
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Uploaded By
Dustin Roberts

File Name
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High School Building



Crawford County

Description

Taken Date
03/12/2025 at 10:40 am

Upload Date
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Uploaded By
Dustin Roberts

File Name
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NAVIGATE Building Solutions

Crawford County

Description

Taken Date
03/12/2025 at 10:39 am

Upload Date
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Uploaded By
Dustin Roberts

File Name
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Crawford County

Description

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File Name
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Crawford County

Description

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Upload Date
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Uploaded By
Dustin Roberts

File Name
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Central Office Building



Crawford County

Description

Taken Date
03/12/2025 at 10:32 am

Upload Date
03/19/2025 at 10:50 am

Uploaded By
Dustin Roberts

File Name
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Central Office Building



Crawford County

Description

Taken Date
03/12/2025 at 10:31 am

Upload Date
03/19/2025 at 10:50 am

Uploaded By
Dustin Roberts

File Name
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Central Office Building



Crawford County

Description

Taken Date
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Crawford County

Description

Taken Date
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Crawford County

Description

Taken Date
03/12/2025 at 10:29 am

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Dustin Roberts

File Name
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Raked Joint

NAVIGATE Building Solutions

Crawford County

Description

Taken Date
03/12/2025 at 10:22 am

Upload Date
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Uploaded By
Dustin Roberts

File Name
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Intermediate / Middle School



Tab 16:	Replace Exterior Windows

NAVIGATE
BUILDING SOLUTIONS

Replace Exterior Windows
FACILITY MAINTENANCE MASTER PLAN

1.6.16 - Replace Exterior Windows

Lump Sum		$	32,274
General Conditions	11.0%	$	3,550
Insurance	1.0%	$	358
Overhead and Profit	8.0%	$	2,895
Performance and Payment Bond	1.0%	$	391
Escalation per year	3.0%	$	1,184
Soft Costs (Includes Contingency)	25.0%	$	10,163
TOTAL		**$**	**50,815**

Description	Quantity	Unit	Price	Extension
Remove Windows	9	ea	$275.00	$2,475
Salvage Blinds, Reinstall	9	ea	$135.00	$1,215
Temporary Closures	258	sf	$5.00	$1,290
New Windows	258	sf	$85.00	$21,930
Prep Openings	218	lf	$10.00	$2,180
Touch-Up Paint	9	ea	$160.00	$1,440
Caulking	436	lf	$4.00	$1,744
			Subtotal*	**$32,274**

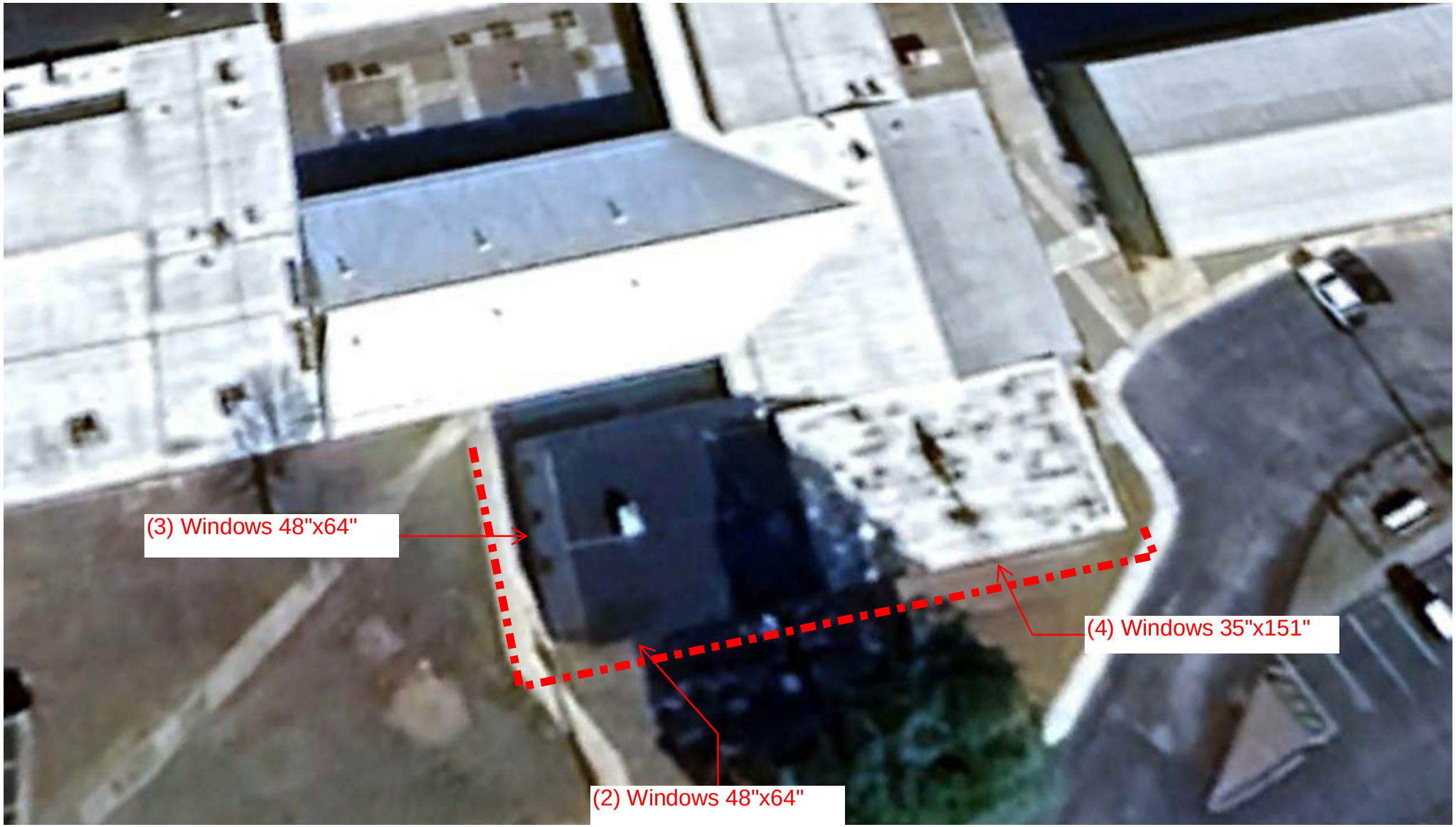
**** does not include markup percentages shown above***

NAVIGATE
BUILDING SOLUTIONS

1.6.16 – Replace Exterior Windows

1. Existing Condition
    a. See the Cuba Middle School Map for location of existing windows to be removed and replaced.
    b. Existing windows appear to be plexiglass in an aluminum frame. Frames are attached to the CMU block walls.
    c. Window head mounted ceiling blinds are installed.

2. Scope of Work
    a. The scope of work includes removing the existing window systems and replacing with new insulated glass windows to match the adjacent window finishes (black frame).
    b. There are five (5) 48”x64” windows.
    c. There are four (4) 35”x151” windows.
    d. Other work includes reinstalling existing window blinds, and perimeter caulking of window frame to adjacent material.


(3) Windows 48"x64"
(4) Windows 35"x151"
(2) Windows 48"x64"

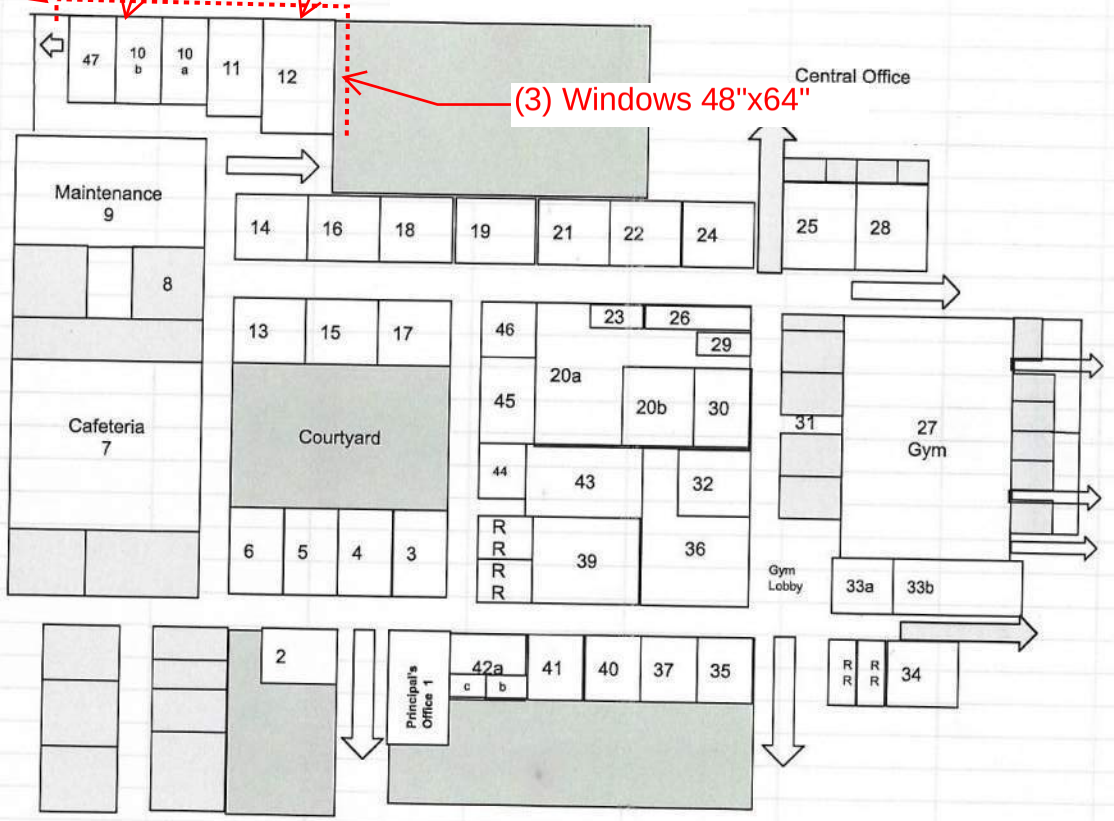
Area of window replacement

(4) Windows 35"x151"

(2) Windows 48"x64"

(3) Windows 48"x64"

Cuba Middle School Map



1. Prinicpal's Office (Shoemaker / Parks)
2. 7th Grade Science (Kohler)
3. 7th Grade Resource Room
4. 7th Grade Math (Ettinger)
5. 7th Grade Social Studies (Emmons)
6. 7th Grade ELA (Williams, M.)
7. Cafeteria
8. Food Services Director
9. Maintenance
10a. Weight Room
10b. School Based Social Worker (Weber)
11. Teacher's Lounge
12. Music/Band Room (Moore)
13. 6th Grade Science (Jackson)
14. 6th Grade ELA (Giuliani)
15. 6th Grade Social Studies/ELA (Jones)
16. 6th Grade Math (Roberts)
17. Sped Resource Room
18. 5/6th Grade SPED (Mihlfeld)
19. 5th Grade (Edwards)
20a. Library (Pollack)
20b. STEM Lab
21. 5th Grade Math/ELA (Miller)
22. 5th Grade Math/Social Studies (Pfieffer)
23. Conference Room
24. 5th Grade Social Studies (Barazza)
25. 5th Grade Math/Science (Bailey)
26. Counselor's Office (Clark)
27. Gym (Pohlman/Farris)
28. 5-8th Grade SPED (Beakley)
29. Fire Alarm Closet
30. Computer Class (Callahan)
31. Gym Hallway
32. Music (Sherrill)
33a. ISS/ ALC (Lewis)
33b. Health Room (Pohlman/E. Farris)
34. 8th Grade Social Studies (Mr. Giulani)
35. 8th Grade SPED (Harmon)
36. FACS (Haist)
37. 8th Grdae ELA (Mabe)
38. Electrical Closet
39. 8th Grade Science (McMullin)
40. 8th Grade Math (Lanham)
41. Faculty Workroom
42a. A.P. Secretary (Whelan)
42b. Assistant Principal Office (Williamson)
42c. Officer Post
43. Art Room (Williams, A)
44. Storage
45. 7th Grade SPED (Jenkerson)
46. Technology Office (Jacob)
47. Special Education Office (Gorsuch/Ray/Gibson)

NAVIGATE Building Solutions



Existing Window to be removed and replaced.

Size 35" x 151"



Existing Window to be removed and replaced.

Size 48 x 64"

NAVIGATE Building Solutions



(3) Existing Windows to be removed and replaced.

Size 48 x 64"



(4) Existing Windows to be removed and replaced.

Size 35" x 151"

(3) Existing Windows to be removed and replaced.

Size 48 x 64"

(2) Existing Windows to be removed and replaced.

Size 48 x 64"

NAVIGATE Building Solutions



Example of existing window to match.



Interior view of window which needs to be replaced.

NAVIGATE Building Solutions





Tab 17:	Interior Painting Renovations

NAVIGATE
BUILDING SOLUTIONS

Interior Painting Renovations
FACILITY MAINTENANCE MASTER PLAN

1.6.17 - Interior Painting Renovations

Lump Sum		$	166,460
General Conditions	11.0%	$	18,311
Insurance	1.0%	$	1,848
Overhead and Profit	8.0%	$	14,929
Performance and Payment Bond	1.0%	$	2,015
Escalation per year	3.0%	$	6,107
Soft Costs (Includes Contingency)	25.0%	$	52,418
TOTAL		**$**	**262,088**

Description	Quantity	Unit	Price	Extension
Prep / Paint Walls, Frames	70,400	sf	$1.65	$116,160
Prep / Paint Exposed Structure	16,800	sf	$2.25	$37,800
Temporary Protection	50,000	sf	$0.25	$12,500
			Subtotal*	**$166,460**

**** does not include markup percentages shown above***

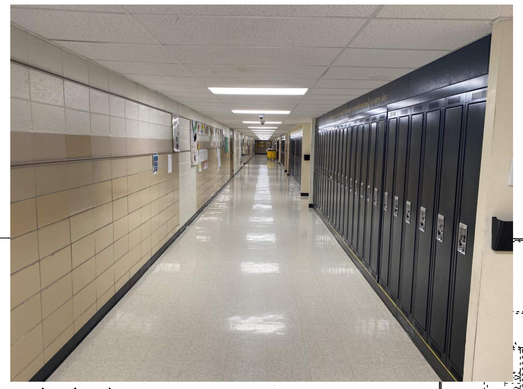
NAVIGATE
BUILDING SOLUTIONS

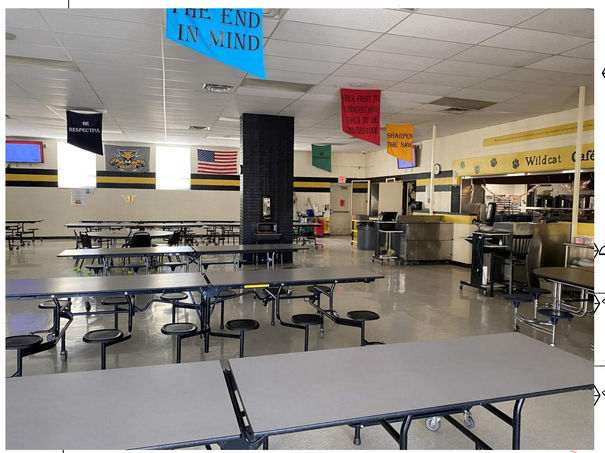
1.6.17 – Interior Painting Renovations

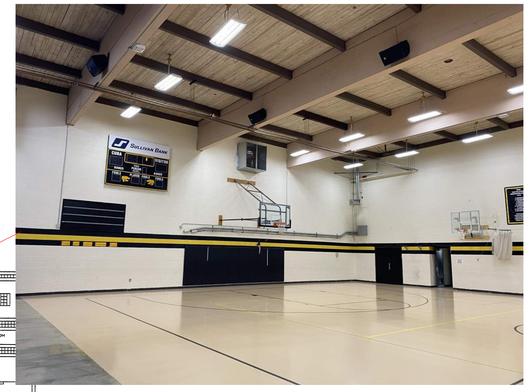
1. Existing Condition
    a. The existing Hallways and Common Areas consist of a combination of glazed CMU block, regular CMU block, painted gypsum board, and painted wood paneling.

2. Scope of Work
    a. The general scope of work includes painting Hallway and Common Area walls throughout the Middle School and High School.
    b. Wall surfaces to be cleaned and prepped to receive new wall paint.
    c. Hollow metal door frames and door glazed lite will be painted on the Hallway side only.
    d. A premium is included to include paint accents and striping, if necessary.

1.6.17 - Interior Painting Renovations







Option Pricing

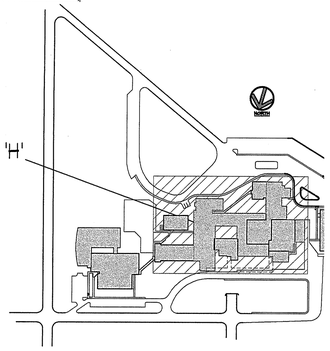
AREA 'E'
AREA 'D'
AREA 'C'
AREA 'F'
AREA 'G'
AREA 'H'

606'-0 3/4"

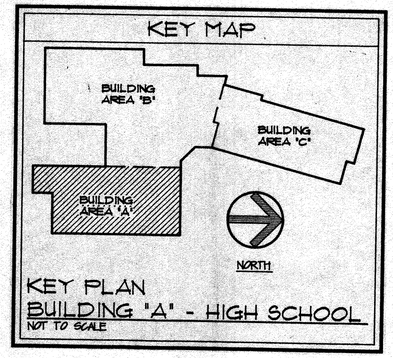
OVERALL MIDDLE SCHOOL FLOOR PLAN - AREAS "C", "D", "E", "F", "G" & "H"

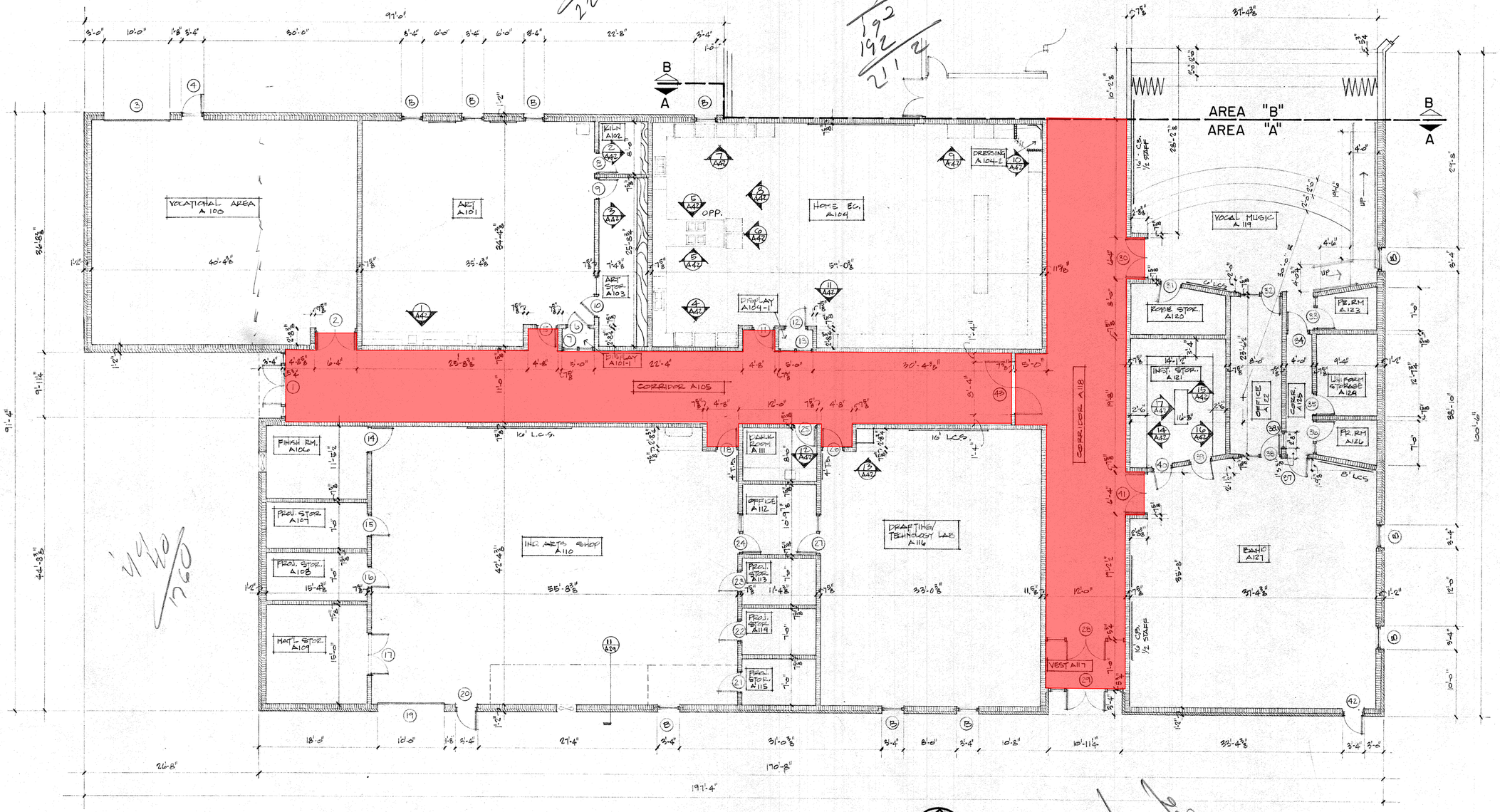
SCALE: 1" = 20'-0"

NORTH



1.6.17 - Interior Painting Renovations

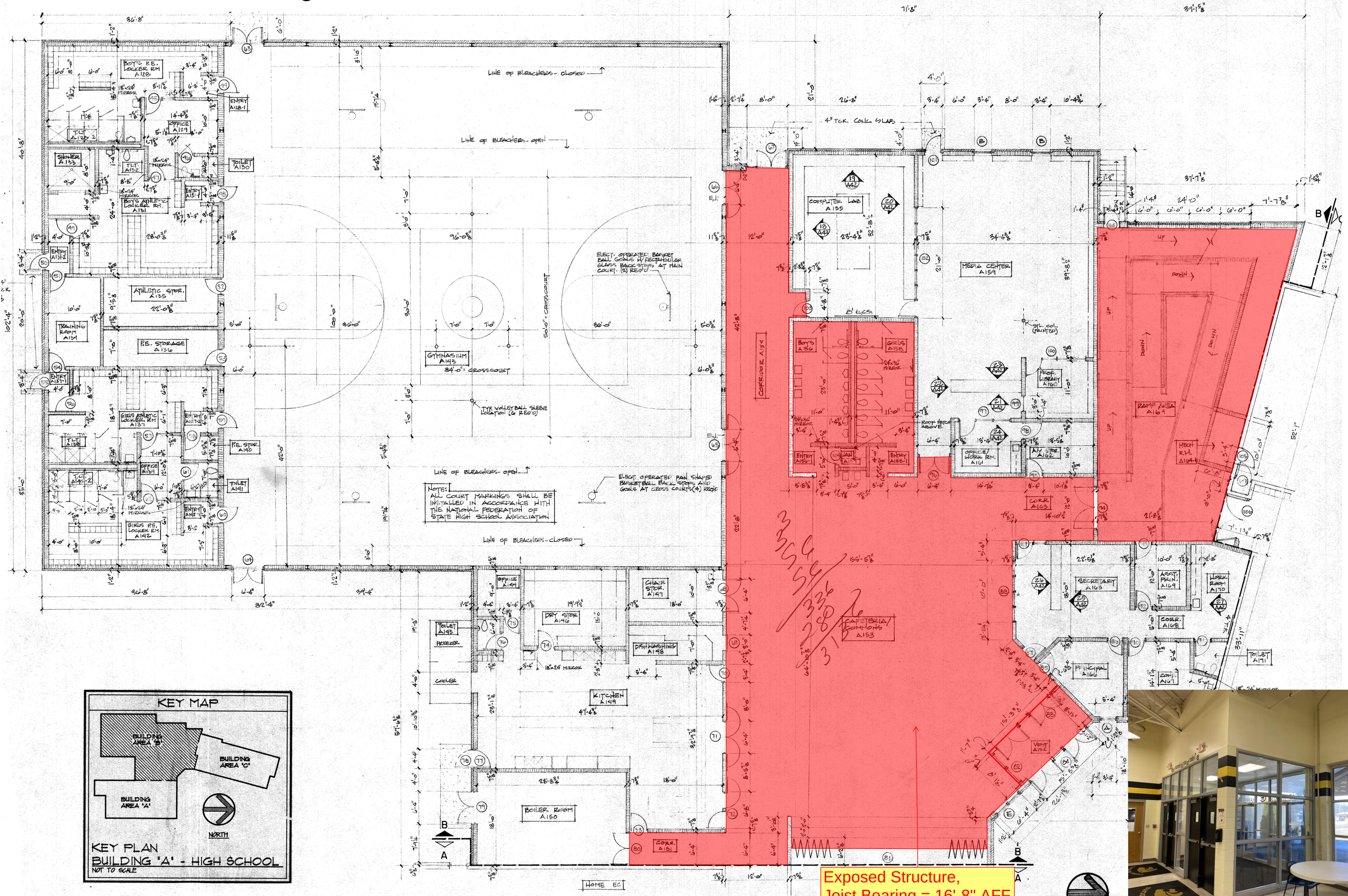




FLOOR PLAN - BUILDING "A" - AREA "A"

SCALE: 1/8"= 1'-0" (HIGH SCHOOL)

1.6.17 - Interior Painting Renovations

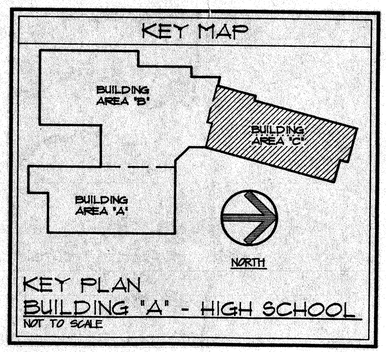


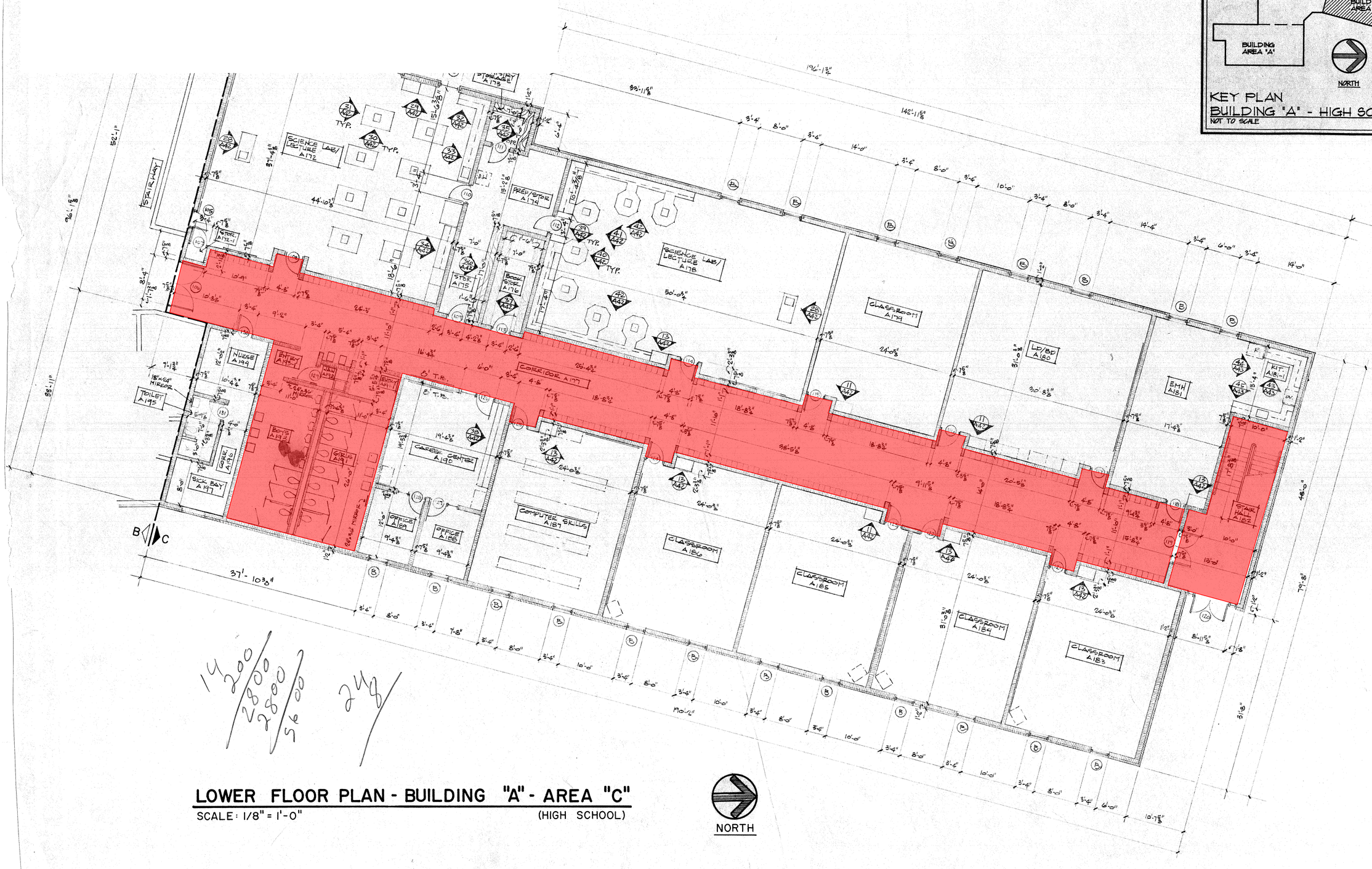
FLOOR PLAN - BUILDING "A - AREA "B"

SCALE: 1/8" = 1'-0" (HIGH SCHOOL)

Exposed Structure,
Joist Bearing = 16'-8" AFF

1.6.17 - Interior Painting Renovations

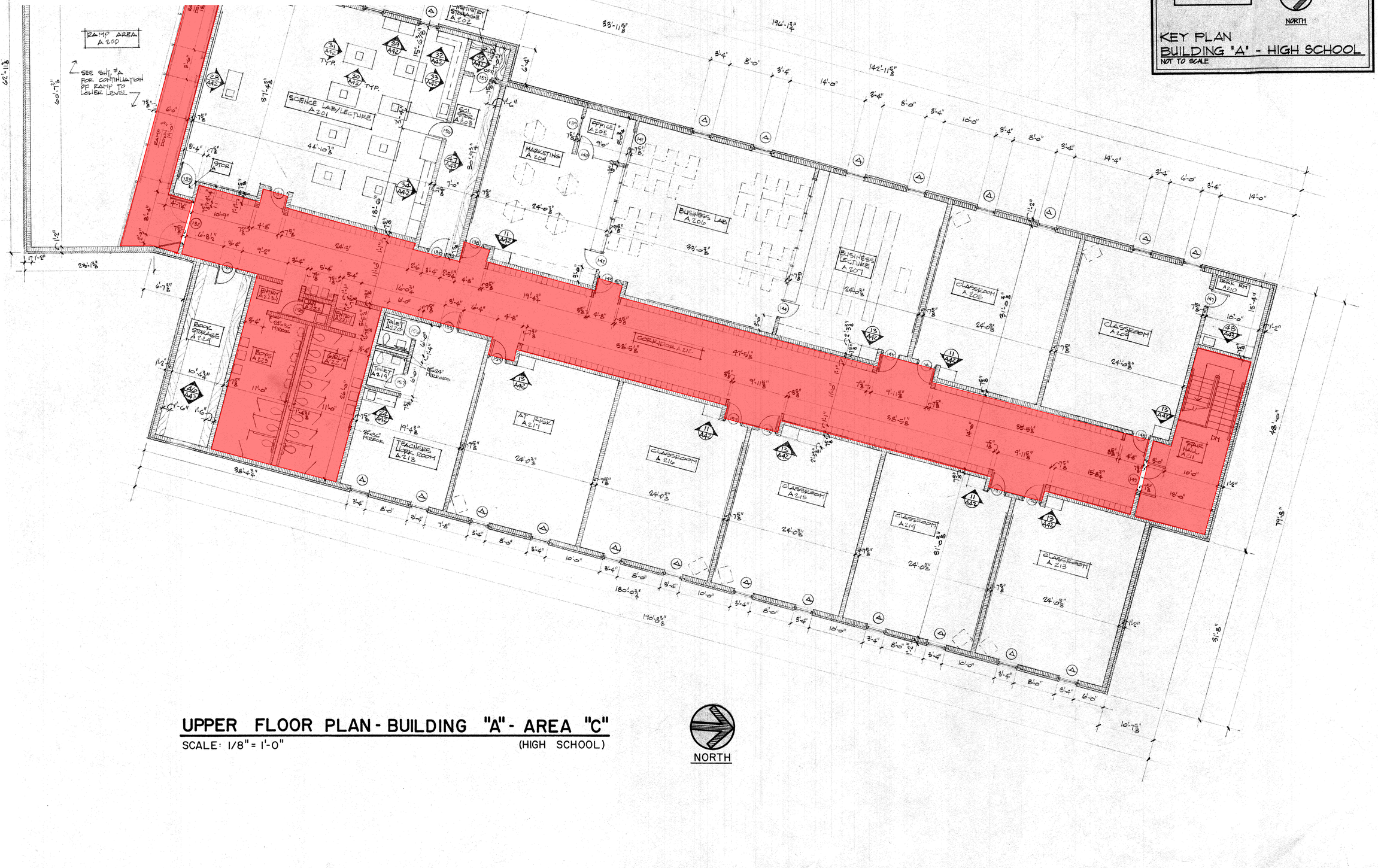


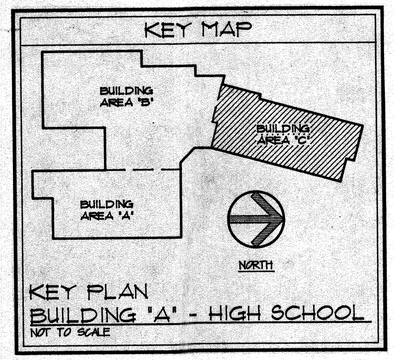


LOWER FLOOR PLAN - BUILDING "A" - AREA "C"

SCALE: 1/8" = 1'-0" (HIGH SCHOOL)

1.6.17 - Interior Painting Renovations





UPPER FLOOR PLAN - BUILDING "A" - AREA "C"

SCALE: 1/8" = 1'-0" (HIGH SCHOOL)

1.6.17 - Interior Painting Renovations

DOOR SCHEDULE

MARK	DOOR DIMENSION		OPENING DIMENSION		FRAME			DOORS			SECTIONS			REMARKS
	WIDTH	HEIGHT	WIDTH	HEIGHT	TYPE	GLAZING	MATERIAL	TYPE	GLAZING	MATERIAL	HEAD	JAMB	SILL	
BUILDING "A" - AREA "A"														
A1	PR 3'-0"	7'-0"	9'-11 1/4"	9'-0"	1	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	A	1/4" SAFETY PLATE	HOLLOW METAL	1/A27	10/A36		
A2	PR 3'-0"	7'-0"	6'-4"	7'-4"	10	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A3	—	—	10'-0"	9'-0"	—	—	BY MANUFACTURER	C	—	SEE SPECIFICATIONS	18/A29	17/A29		OVERHEAD DOOR
A4	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	D	—	HOLLOW METAL	3/A36	5/A36		
A5	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	8/A36		20 MINUTE DOOR AND FRAME
A6	3'-0"	5'-8"	3'-4"	6'-0"	5	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	28/A36	8/A36		20 MINUTE DOOR AND FRAME UNDERCUT DOOR AS REQUIRED
A7	—	—	5'-0"	6'-0"	6	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	—	—	—	28/A36	7/A36		DISPLAY CASE
A8	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		
A9	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		
A10	3'-0"	7'-0"	6'-4"	9'-0"	8	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	8/A36		
A11	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	8/A36		20 MINUTE DOOR AND FRAME
A12	3'-0"	5'-8"	3'-4"	6'-0"	5	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	28/A36	8/A36		20 MINUTE DOOR AND FRAME
A13	—	—	5'-0"	6'-0"	6	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	—	—	—	28/A36	7/A36		DISPLAY CASE
A14	4'-0"	7'-0"	4'-4"	7'-4"	9	—	5 3/4" HOLLOW METAL	D	—	HOLLOW METAL	1/A36	7/A36		1 1/2 HOUR DOOR AND FRAME
A15	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	D	—	HOLLOW METAL	1/A36	8/A36		
A16	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	D	—	HOLLOW METAL	1/A36	8/A36		
A17	PR 3'-0"	7'-0"	6'-4"	7'-4"	10	—	5 3/4" HOLLOW METAL	D	—	HOLLOW METAL	1/A36	8/A36		
A18	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		
A19	—	—	10'-0"	9'-0"	—	—	BY MANUFACTURER	C	—	SEE SPECIFICATIONS	18/A29	17/A29		OVERHEAD DOOR
A20	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	D	—	HOLLOW METAL	3/A36	5/A36		
A21	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	D	—	HOLLOW METAL	1/A36	8/A36		45 MINUTE DOOR AND FRAME
A22	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	D	—	HOLLOW METAL	1/A36	8/A36		45 MINUTE DOOR AND FRAME
A23	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	D	—	HOLLOW METAL	1/A36	8/A36		45 MINUTE DOOR AND FRAME
A24	3'-0"	7'-0"	6'-4"	9'-0"	8	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	8/A36		
A25	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	2/A36	7/A36		20 MINUTE DOOR AND FRAME
A26	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A27	2'-0"	7'-0"	6'-4"	9'-0"	8 OPP.	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	8/A36		
A28	PR 3'-0"	7'-0"	12'-0"	9'-0"	11	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	F	1/4" SAFETY PLATE	SOLID CORE WOOD	2/A31	9/A36		
A29	PR 3'-0"	7'-0"	10'-11 1/4"	9'-0"	12	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	A	1/4" SAFETY PLATE	HOLLOW METAL	1/A27	10/A36		
A30	PR 3'-0"	7'-0"	6'-4"	7'-4"	10	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	2/A36	7/A36		20 MINUTE DOOR AND FRAME
A31	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	8/A36		1 HOUR DOOR AND FRAME
A32	3'-0"	7'-0"	6'-9"	7'-4"	15 OPP	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		
A33	3'-0"	7'-0"	5'-0"	7'-4"	16	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	8/A36		
A34	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	F	1/4" SAFETY PLATE	SOLID CORE WOOD	1/A36	7/A36		
A35	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A36	3'-0"	7'-0"	5'-0"	7'-4"	16 OPP.	1/4" WIRE GLASS	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A37	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	F	1/4" SAFETY PLATE	SOLID CORE WOOD	1/A36	7/A36		
A38	3'-0"	7'-0"	6'-9"	7'-4"	15	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	F	1/4" SAFETY PLATE	SOLID CORE WOOD	1/A36	7/A36		
A38.1	—	—	2'-8"	4'-0"	40	1/4" WIRE GLASS	5 3/4" HOLLOW METAL	—	—	—	1/A36	8/A36	11/A36	BORROW LITE. 20 MINUTE FRAME
A39	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	8/A36		
A40	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	8/A36		
A41	PR 3'-0"	7'-0"	6'-4"	7'-4"	10	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	2/A36	7/A36		20 MINUTE DOOR AND FRAME
A42	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	D	—	HOLLOW METAL	3/A36	5/A36		
A43	PR 4'-0"	7'-0"	8'-4"	7'-4"	18	—	5 3/4" HOLLOW METAL	G	1/4" WIRE GLASS	SOLID CORE WOOD	2/A36	8/A36		1 1/2 HOUR DOOR AND FRAME
BUILDING "A" - AREA "B"														
A44	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	2/A36	8/A36		
A45	3'-0"	7'-0"	5'-11 3/4"	7'-4"	19	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		
A46	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		
A47	3'-0"	7'-0"	5'-1 1/8"	7'-4"	20	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		
A48	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	2/A36	8/A36		
A49	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		
A50	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	D	—	HOLLOW METAL	3/A36	5/A36		
A51	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		
A52	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	2/A36	8/A36		
A53	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	2/A36	8/A36		
A54	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		
A55	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	D	—	HOLLOW METAL	3/A36	5/A36		
A56	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	5/A36		
A57	3'-0"	7'-0"	6'-0"	7'-4"	19	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		
A58	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	8/A36		
A59	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	2/A36	8/A36		
A60	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	2/A36	8/A36		
A61	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	8/A36		
A62	3'-0"	7'-0"	6'-0"	7'-4"	19	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		
A63	PR 3'-0"	7'-0"	6'-4"	7'-4"	10	—	5 3/4" HOLLOW METAL	D	—	HOLLOW METAL	3/A36	5/A36		
A64	PR 3'-0"	7'-0"	6'-4"	7'-4"	10	—	5 3/4" HOLLOW METAL	D	—	HOLLOW METAL	3/A36	5/A36		
A65	PR 3'-0"	7'-0"	6'-4"	7'-4"	10	—	5 3/4" HOLLOW METAL	G	1/4" WIRE GLASS	SOLID CORE WOOD	2/A36	8/A36		1 1/2 HOUR DOOR AND FRAME
A66	PR 3'-0"	7'-0"	6'-4"	7'-4"	10	—	5 3/4" HOLLOW METAL	G	1/4" WIRE GLASS	SOLID CORE WOOD	2/A36	8/A36		1 1/2 HOUR DOOR AND FRAME
A67	PR 3'-0"	7'-0"	8'-0"	9'-0"	21 OPP.	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	A	1/4" SAFETY PLATE	HOLLOW METAL	8/A27	10/A36		
A68	PR 3'-0"	7'-0"	6'-4"	7'-4"	10	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	2/A36	8/A36		1 1/2 HOUR DOOR AND FRAME
A69	—	—	3'-0"	5'-4"	—	—	—	H	—	SEE SPECIFICATIONS	15/A36	16/A36	14/A36	ROLLING COUNTER DOOR 3'-4" SILL 1 1/2 HOUR DOOR AND FRAME
A70	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	2/A36	8/A36		1 1/2 HOUR DOOR AND FRAME
A71	PR 3'-0"	7'-0"	6'-4"	7'-4"	10	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	2/A36	8/A36		1 1/2 HOUR DOOR AND FRAME
A72	PR 3'-0"	7'-0"	6'-8"	7'-4"	22	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	2/A36	7/A36		1 1/2 HOUR DOOR AND FRAME
A73	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		1 1/2 HOUR DOOR AND FRAME
A74	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	8/A36		
A75	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	F	1/4" SAFETY PLATE	SOLID CORE WOOD	1/A36	7/A36		
A76	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		
A77	4'-0"	7'-0"	4'-4"	7'-4"	9	—	8 3/4" HOLLOW METAL	D	—	HOLLOW METAL	4/A36	6/A36		
A78	4'-0"	7'-0"	FRAME SHARED WITH DOOR NUMBER 77					I	—	SCREEN DOOR	4/A36	6/A36		SEE SPECIFICATIONS
A79	PR 3'-0"	7'-0"	6'-4"	7'-4"	10	—	5 3/4" HOLLOW METAL	D	—	HOLLOW METAL	3/A36	5/A36		
A80	PR 3'-0"	7'-0"	6'-4"	7'-4"	10	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		1 1/2 HOUR DOOR AND FRAME
A81	—	—	37'-4 3/8"	10'-0"	—	—	BY MANUFACTURER	J	—	FOLDING PARTITION SEE SPECIFICATIONS	16/A27	4/A31		ALTERNATE BID # 2
A82	—	—	8'-0"	10'-0"	23	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	—	—	—	17/A31 SIM	5/A31		
BUILDING "A" - AREA "B" - CONTINUED														
A83	(2) PR 3'-0"	7'-0"	15'-3 5/8"	10'-0"	24	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	F	1/4" SAFETY PLATE	SOLID CORE WOOD	12/A33	5/A31		
A84	(2) PR 3'-0"	7'-0"	15'-3 5/8"	10'-0"	24	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	A	1/4" SAFETY PLATE	HOLLOW METAL	1/A28	5/A36		
A85	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A86	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	F	1/4" SAFETY PLATE	SOLID CORE WOOD	1/A36	7/A36		
A87	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A88	—	—	10'-0"	6'-8"	41	1/4" WIRE GLASS	5 3/4" HOLLOW METAL	—	—	—	12/A36 SIM	8/A36	11/A36	BORROW LITE-20 MINUTE FRAME
A89	3'-0"	7'-0"	6'-0"	7'-4"	25	1/4" WIRE GLASS	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A90	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	F	1/4" SAFETY PLATE	SOLID CORE WOOD	1/A36	7/A36		
A91	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	8/A36		
A92	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	F	1/4" SAFETY PLATE	SOLID CORE WOOD	1/A36	7/A36		
A93	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	G	1/4" WIRE GLASS	SOLID CORE WOOD	2/A36	8/A36		1 1/2 HOUR DOOR AND FRAME
A94	PR 4'-0"	7'-0"	8'-4"	7'-4"	18	—	5 3/4" HOLLOW METAL	G	1/4" WIRE GLASS	SOLID CORE WOOD	2/A36	8/A36		1 1/2 HOUR DOOR AND FRAME
A95	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	2/A36	8/A36		20 MINUTE DOOR AND FRAME
A96	PR 3'-0"	7'-0"	6'-4"	7'-4"	10	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A97	3'-0"	7'-0"	9'-2"	10'-0"	48	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	12/A36	8/A36		
A98	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	8/A36		
A99	—	—	3'-0"	4'-0"	44	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	—	—	—	1/A36	8/A36	11/A36	BORROW LITE
A100	3'-0"	7'-0"	12'-1 1/8"	10'-0"	42	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	12/A36	7/A36		
A101	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	D	—	HOLLOW METAL	3/A36	5/A36		
A102	3'-0"	7'-0"	21'-0"	10'-0"	49	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	12/A36	8/A36		
A103	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A104	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		
BUILDING "A" - AREA "C"														
A105	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	2/A36	8/A36		1 1/2 HOUR DOOR AND FRAME
A106	PR 4'-0"	7'-0"	8'-4"	7'-4"	18	—	5 3/4" HOLLOW METAL	G	1/4" WIRE GLASS	SOLID CORE WOOD	2/A36	8/A36		1 1/2 HOUR DOOR AND FRAME
A107	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	2/A36	7/A36		
A108	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A109	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	2/A36	8/A36		20 MINUTE DOOR AND FRAME
A110	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	8/A36		
A111	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	8/A36		
A112	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	8/A36		
A113	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	2/A36	8/A36		20 MINUTE DOOR AND FRAME
A114	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A115	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A116	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A117	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A118	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	2/A36	8/A36		20 MINUTE DOOR AND FRAME
A119	PR 3'-0"	7'-0"	6'-4"	7'-4"	10	—	5 3/4" HOLLOW METAL	G	1/4" WIRE GLASS	SOLID CORE WOOD	2/A36	8/A36		1 1/2 HOUR DOOR AND FRAME
A120	PR 3'-0"	7'-0"	8'-11 5/8"	10'-0"	43	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	A	1/4" SAFETY PLATE	HOLLOW METAL	1/A27	5/A36		
A121	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A122	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A123	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A124	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A125	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A126	3'-0"	7'-0"	6'-0"	7'-4"	25	1/4" WIRE GLASS	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	2/A36	8/A36		20 MINUTE DOOR AND FRAME
A127	3'-0"	7'-0"	5'-1 1/8"	7'-4"	20	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		
A128	3'-0"	7'-0"	5'-1 1/8"	7'-4"	20 OPP.	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		
A129	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		
A130	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	2/A36	8/A36		20 MINUTE DOOR AND FRAME
A131	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		
A132	PR 4'-0"	7'-0"	8'-4"	7'-4"	18	—	5 3/4" HOLLOW METAL	G	1/4" WIRE GLASS	SOLID CORE WOOD	2/A36	8/A36		1 1/2 HOUR DOOR AND FRAME
A133	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	2/A36	7/A36		
A134	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A135	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	8/A36		20 MINUTE DOOR AND FRAME
A136	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	8/A36		
A137	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	8/A36		
A138	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A139	—	—	3'-4"	4'-0"	44	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	—	—	—	1/A36	8/A36	11/A36	BORROW LITE
A140	3'-0"	7'-0"	6'-4"	9'-0"	8 OPP.	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	13/A36	7/A36		
A141	—	—	6'-0"	5'-8"	45	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	—	—	SOLID CORE WOOD	13/A36	8/A36		BORROW LITE
A142	3'-0"	7'-0"	13'-4"	9'-0"	46	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	13/A36	8/A36		
A143	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A144	3'-0"	7'-0"	26'-0"	7'-4"	47	1/4" SAFETY PLATE	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	13/A36	8/A36		
A145	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A146	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A147	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	8/A36		
A148	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	2/A36	8/A36		20 MINUTE DOOR AND FRAME
A149	PR 3'-0"	7'-0"	6'-4"	7'-4"	10	—	5 3/4" HOLLOW METAL	G	1/4" WIRE GLASS	SOLID CORE WOOD	2/A36	8/A36		1 1/2 HOUR DOOR AND FRAME
A150	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A151	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A152	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A153	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A154	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	1/A36	7/A36		20 MINUTE DOOR AND FRAME
A155	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	B	1/4" WIRE GLASS	SOLID CORE WOOD	2/A36	8/A36		20 MINUTE DOOR AND FRAME
A156	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		
A157	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		
A158	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	1/A36	7/A36		
A159	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	E	—	SOLID CORE WOOD	2/A36	8/A36		20 MINUTE DOOR AND FRAME
A160	3'-0"	7'-0"	3'-4"	7'-4"	3	—	5 3/4" HOLLOW METAL	D	—	HOLLOW METAL	3/A36	5/A36		

1.6.17 - Interior Painting Renovations

ROOM FINISH SCHEDULE

ROOM NUM.	ROOM NAME	FLOOR	BASE	WALLS				CEILING	CEILING HEIGHT	REMARKS
				NORTH	SOUTH	EAST	WEST			
BUILDING "A" - AREA "A"										
A100	VOCATIONAL AREA	SEAL CONCRETE	———	———	———	———	———	———	———	
A101	ART	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A101-1	DISPLAY	SEAL CONCRETE	———	———	———	———	———	EXPOSED PLYWOOD	5'-8"	
A102	KILN AREA	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A103	ART STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A104	HOME ECONOMICS	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A104-1	DISPLAY	SEAL CONCRETE	———	———	———	———	———	EXPOSED PLYWOOD	5'-8"	
A104-2	DRESSING	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A105	CORRIDOR	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A106	FINISH ROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A107	PROJECT STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A108	PROJECT STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A109	MATERIAL STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A110	INDUSTRIAL ART SHOP	SEAL CONCRETE	———	———	———	———	———	———	———	
A111	DARK ROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A112	OFFICE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A113	PROJECT STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A114	PROJECT STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A115	PROJECT STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A116	DRAFTING/TECHNOLOGY LAB	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A117	VESTIBULE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A118	CORRIDOR	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A119	VOCAL MUSIC	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	10'-0"	
A120	ROBE STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A121	INSTRUMENT STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A122	OFFICE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A123	PROP ROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A124	UNIFORM STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A125	CORRIDOR	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A126	PROP ROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A127	BAND	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	10'-0"	
BUILDING "A" - AREA "B"										
A128	BOYS PHYSICAL EDUCATION LOCKER ROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A128-1	ENTRY	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A128-2	TOILET	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A129	OFFICE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A130	TOILET	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A131	BOYS ATHLETIC LOCKER ROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A131-1	ENTRY	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A131-2	ENTRY	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A132	TOILET	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A133	SHOWER	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A133-1	DRYING	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A134	TRAINING ROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A135	ATHLETIC STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A136	PHYSICAL EDUCATION STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A137	GIRLS ATHLETIC LOCKER ROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A137-1	ENTRY	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A137-2	ENTRY	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A138	TOILET	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A139	OFFICE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A140	PHYSICAL EDUCATION STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A141	TOILET	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A142	GIRLS PHYSICAL EDUCATION LOCKER ROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A142-1	ENTRY	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A142-2	TOILET	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A143	GYMNASIUM	SEAL CONCRETE	———	———	———	———	———	PAINT EXPOSED STRUCTURE	———	
A144	OFFICE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A145	TOILET	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A146	DRY STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A147	CHAIR STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A148	DISHWASHING	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A149	KITCHEN	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A150	BOILER ROOM	SEAL CONCRETE	———	———	———	———	———	PAINT EXPOSED STRUCTURE	———	
A151	CORRIDOR	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A152	VESTIBULE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	10'-0"	
A153	CAFETERIA	SEAL CONCRETE	———	———	———	———	———	PAINT EXPOSED STRUCTURE	———	
A154	CORRIDOR	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A155	COMPUTER LABS	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A156	BOYS TOILET	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A156-1	ENTRY	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A157	JANITOR	SEAL CONCRETE	———	———	———	———	———	PAINT EXPOSED STRUCTURE	9'-0"	
A158	GIRLS TOILET	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A158-1	ENTRY	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A159	MEDIA CENTER	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A160	PROF. LIBRARY	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A161	OFFICE/WORK ROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A162	AUDIO/VISUAL STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A163	CORRIDOR	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	10'-0"	
A164	RAMP AREA	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A164-1	MECHANICAL ROOM	SEAL CONCRETE	———	———	———	———	———	PAINT EXPOSED STRUCTURE	———	
A165	SECRETARY	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A166	PRINCIPAL	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A167	CONFERENCE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A168	CORRIDOR	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A169	ASSISTANT PRINCIPAL	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A170	WORK ROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A171	TOILET	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
BUILDING "A" - AREA "C" - LOWER LEVEL										
A172	SCIENCE LAB/LECTURE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A172-1	STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A173	CHEMISTRY STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A174	PREP./STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A175	STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	

1.6.17 - Interior Painting Renovations

BUILDING "A" - AREA "C" - LOWER LEVEL - CONTINUED

								CEILING	CEILING HEIGHT	REMARKS
A176	BOOK STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A177	CORRIDOR	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A178	SCIENCE LAB/LECTURE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A179	CLASSROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A180	LD./DD.	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A181	EMH	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A181-1	LIFE SKILLS LAB	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A182	STAIR HALL	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A183	CLASSROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A184	CLASSROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A185	CLASSROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A186	CLASSROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A187	COMPUTER SKILLS	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A188	OFFICE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A189	OFFICE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A190	CAREER CENTER	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A191	GIRLS TOILET	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A191-1	ENTRY	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A192	JANITOR	SEAL CONCRETE	———	———	———	———	———	PAINT EXPOSED STRUCTURE	———	
A193	BOYS TOILET	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A193-1	ENTRY	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A194	NURSE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A195	TOILET	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A196	CORRIDOR	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A197	SICK BAY	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	

BUILDING "A" - AREA "C" - UPPER LEVEL

A200	RAMP AREA	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A201	SCIENCE LAB/LECTURE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A201-1	STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A202	CHEMISTRY STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A203	SCIENCE STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A204	MARKETING	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A205	OFFICE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A206	BUSINESS LAB	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A207	BUSINESS LECTURE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A208	CLASSROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A209	CLASSROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A210	DARK ROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A211	STAIR HALL	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A212	CORRIDOR	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A213	CLASSROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A214	CLASSROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A215	CLASSROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A216	CLASSROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A217	AT RISK	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	

ROOM FINISH SCHEDULE

ROOM NUM.	ROOM NAME	FLOOR	BASE	WALLS NORTH	WALLS SOUTH	WALLS EAST	WALLS WEST	CEILING	CEILING HEIGHT	REMARKS

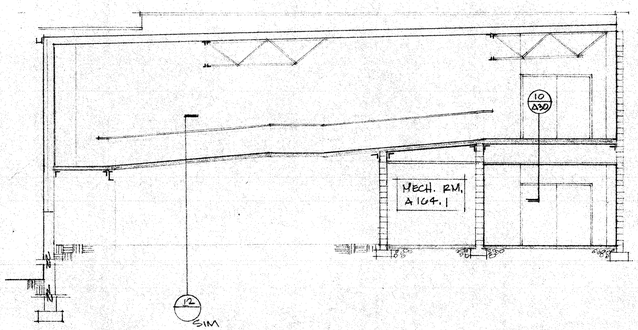
BUILDING "A" - AREA "C" - UPPER LEVEL - CONTINUED

A218	TEACHER WORK ROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A219	TOILET	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A220	TOILET	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A221	GIRLS TOILET	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A221-1	ENTRY	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A222	JANITOR	SEAL CONCRETE	———	———	———	———	———	PAINT EXPOSED STRUCTURE	———	
A223	BOYS TOILET	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
A223-1	ENTRY	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
A224	BOOK STORAGE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	

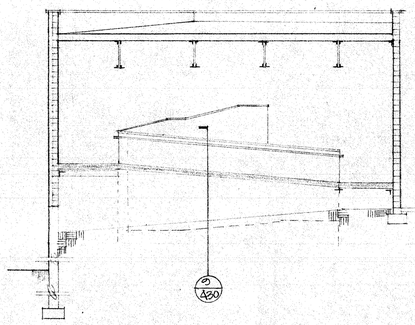
BUILDING "B" - AREA "B1"

B100	VESTIBULE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
B101	LOBBY	SEAL CONCRETE	———	———	———	———	———		9'-0"	
B102	ENTRY	SEAL CONCRETE	———	———	———	———	———		9'-0"	
B103	GIRLS	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
B104	JANITOR	SEAL CONCRETE	———	———	———	———	———	PAINT EXPOSED STRUCTURE	———	
B105	ENTRY	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
B106	BOYS	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED VINYL ROCK	9'-0"	
B107	CORRIDOR	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
B108	CLASSROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
B109	ALTERNATE CLASSROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
B110	ALTERNATE CLASSROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
B111	ALTERNATE CLASSROOM	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
B112	VESTIBULE	SEAL CONCRETE	———	———	———	———	———	2'x2' SUSPENDED ACOUSTICAL TILE	9'-0"	
B113	LOBBY	SEE NOTE #A	SEE NOTE #A	EPOXY PAINT EXISTING	EPOXY PAINT EXISTING	EPOXY PAINT EXISTING	EPOXY PAINT EXISTING	SEE NOTE #5 2'x2' SUSPENDED ACOUST. TILE	9'-0"	
B114	CORRIDOR	———	———	———	———	———	———	SEE NOTE #5 2'x2' SUSPENDED ACOUST. TILE	9'-0"	
B115	CONCESSION	SEE NOTE #A	SEE NOTE #A	PAINT EXISTING	PAINT EXISTING	PAINT EXISTING	PAINT EXISTING	SEE NOTE #5 2'x2' SUSPENDED ACOUST. TILE	9'-0"	
B116	STORAGE	SEE NOTE #A	SEE NOTE #A	PAINT EXISTING	PAINT EXISTING	PAINT EXISTING	PAINT EXISTING	SEE NOTE #5 2'x2' SUSPENDED ACOUST. TILE	9'-0"	
B117	STAGE									
B118	MULTI-PURPOSE	———	———	———	———	———	———	SEE NOTE #A	EXISTING	
B119	CORRIDOR	SEE NOTE #6		———	———	———	EPOXY PAINT NEW CONCRETE BLOCK TO MATCH EXISTING	SEE NOTE #6	EXISTING	
B120	ENTRY	———	———	———	———	———	———	———	———	
B121	STORAGE	SEE NOTE #6		———	———	PAINT NEW CONCRETE BLOCK TO MATCH EXISTING	———	SEE NOTE #6	EXISTING	
B122	COPY ROOM	SEE NOTE #A	SEE NOTE #A	PAINT NEW AND EXISTING	PAINT EXISTING	PAINT NEW AND EXISTING	PAINT EXISTING	SEE NOTE #A	EXISTING	
B123	SUPPLY STORAGE	SEE NOTE #6		PAINT EXISTING	PAINT NEW AND EXISTING	PAINT NEW AND EXISTING	PAINT NEW AND EXISTING	SEE NOTE #6	EXISTING	
B124	ENTRY	———	———	———	———	———	———	———	———	
B125	STORAGE	SEE NOTE #6		PAINT EXISTING	PAINT EXISTING	PAINT NEW AND EXISTING	PAINT EXISTING	SEE NOTE #6	EXISTING	
B126	STORAGE	SEE NOTE #A	———	PAINT EXISTING	PAINT EXISTING	PAINT EXISTING	PAINT EXISTING	———	EXISTING	
B127	STORAGE	SEE NOTE #A	———	PAINT EXISTING	PAINT EXISTING	PAINT NEW AND EXISTING	PAINT NEW AND EXISTING	———	EXISTING	
B128	I.S.S.	SEE NOTE #6	SEE NOTE #A	PAINT EXISTING	PAINT NEW AND EXISTING	PAINT NEW AND EXISTING	PAINT NEW AND EXISTING	SEE NOTE #6	EXISTING	
B129	STORAGE	———	———	———	———	———	———	———	———	
B130	COACHES OFFICE	———	———	———	———	———	———	———	———	
B131	SHOWER	———	———	———	———	———	———	———	———	
B132	BOILER	SEE NOTE #6	SEE NOTE #A	EPOXY PAINT EXISTING	EPOXY PAINT EXISTING	EPOXY PAINT EXISTING	EPOXY PAINT EXISTING	———	EXISTING	
B133	JUNIOR HIGH COUNSELOR	SEE NOTE #6	SEE NOTE #A	PAINT EXISTING	PAINT EXISTING	PAINT EXISTING	PAINT NEW AND EXISTING	———	EXISTING	

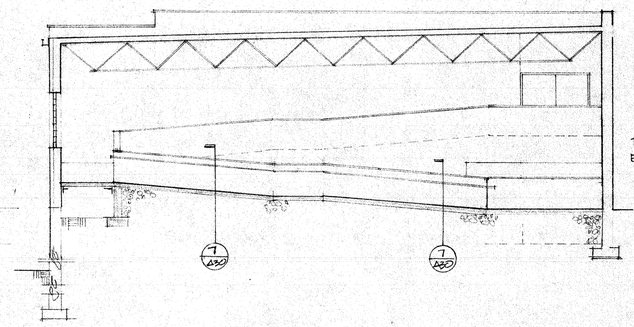
1.6.17 - Interior Painting Renovations



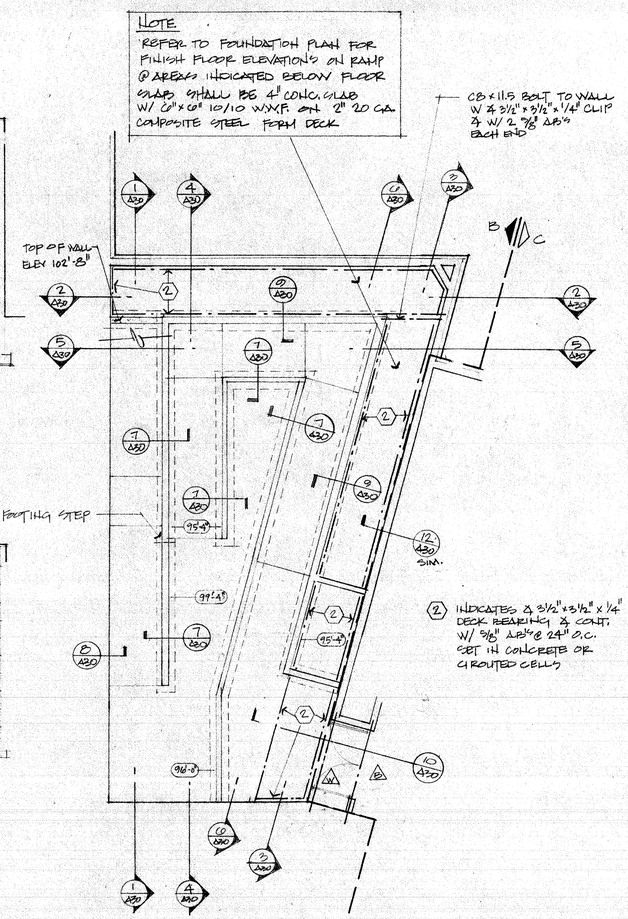
SECTION 3 / A520
1/8" = 1'-0"

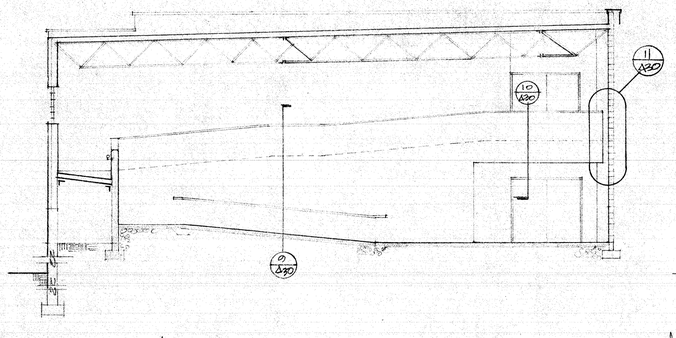


SECTION 2 / A520
1/8" = 1'-0"

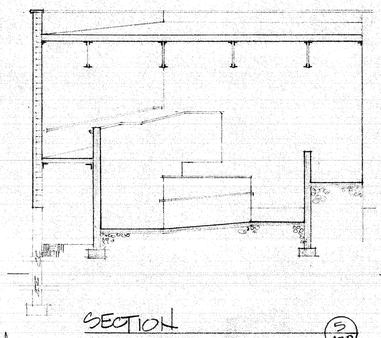


SECTION 1 / A520
1/8" = 1'-0"

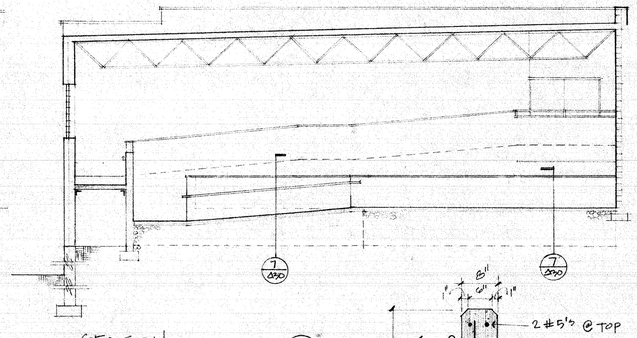




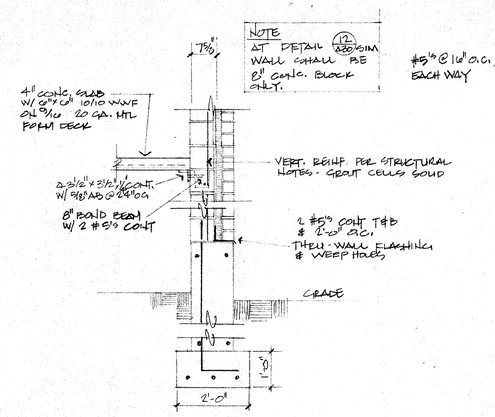
SECTION 6 / A520
1/8" = 1'-0"



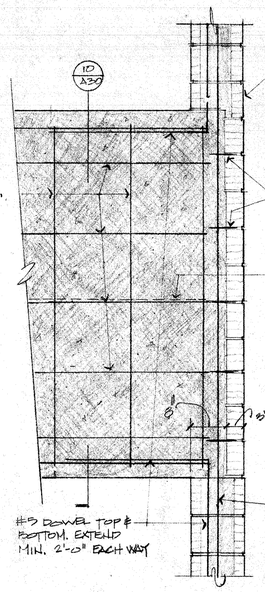
SECTION 5 / A520
1/8" = 1'-0"



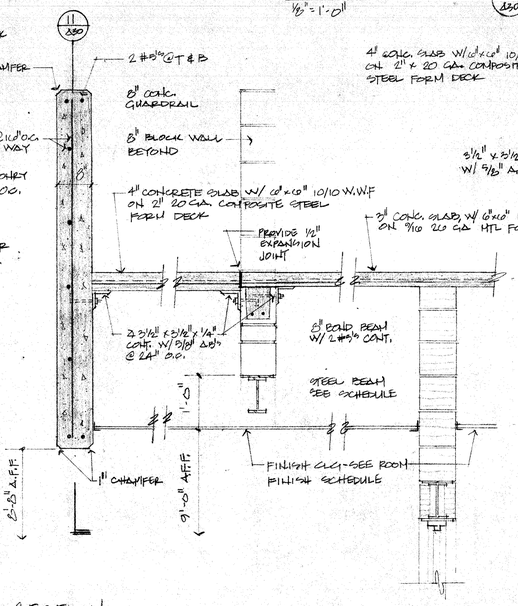
SECTION 4 / A520
1/8" = 1'-0"



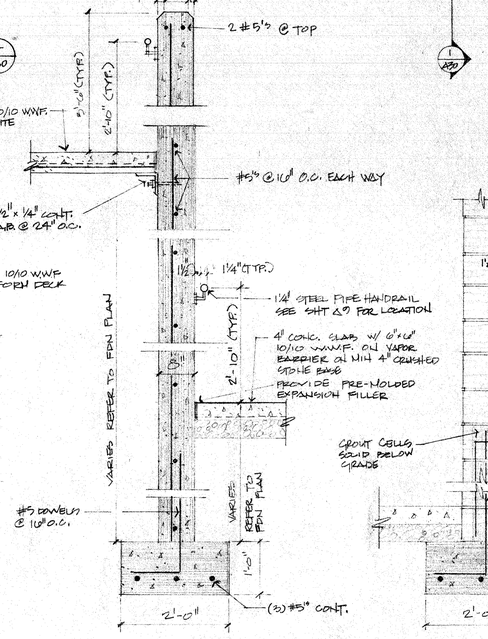
SECTION 12 / A520
1/2" = 1'-0"



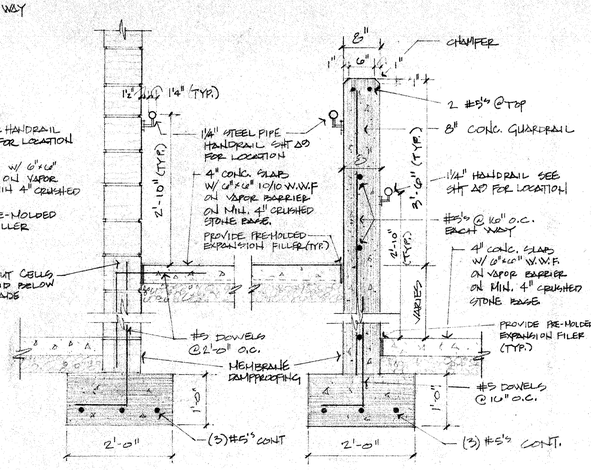
SECTION 11 / A520
3/4" = 1'-0"



SECTION 10 / A520
3/4" = 1'-0"



SECTION 9 / A520
3/4" = 1'-0"

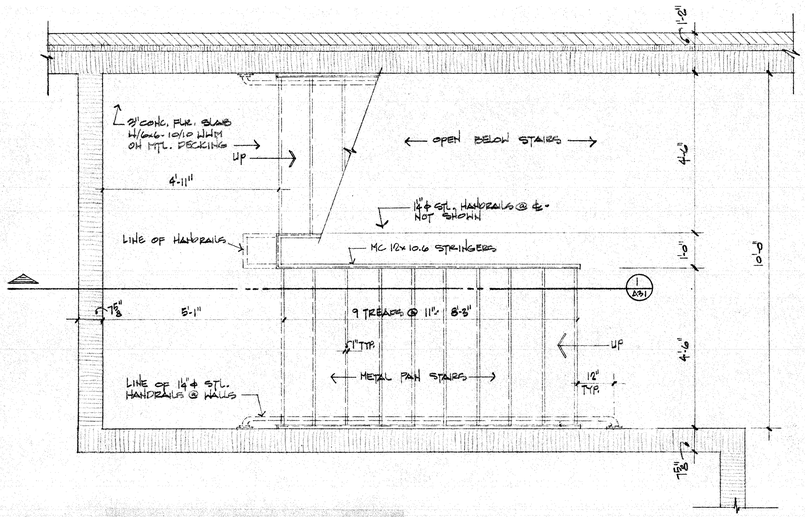


SECTION 8 / A520
3/4" = 1'-0"

SECTION 7 / A520
3/4" = 1'-0"

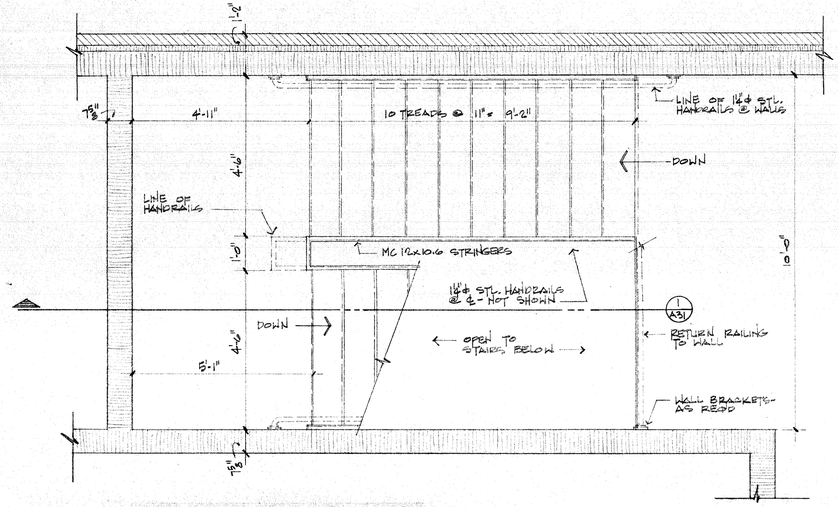
ENGINEERS REPRO 934605

1.6.17 - Interior Painting Renovations



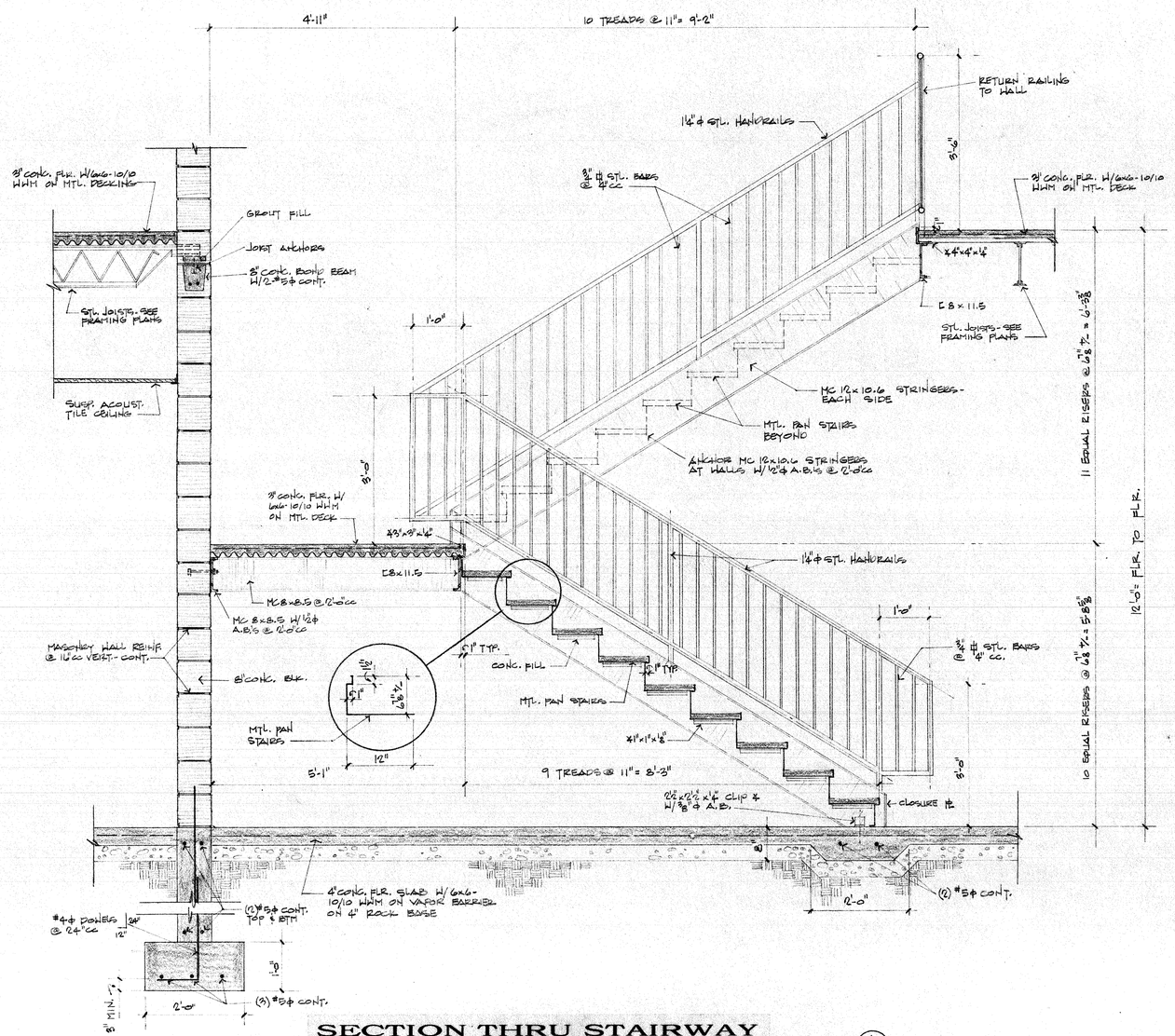
LOWER PLAN AT STAIRS

SCALE: 1/2" = 1'-0"



UPPER PLAN AT STAIRS

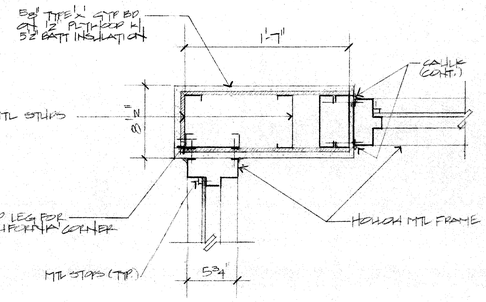
SCALE: 1/2" = 1'-0"



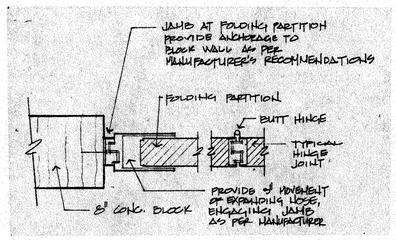
SECTION THRU STAIRWAY

SCALE: 3/4" = 1'-0"

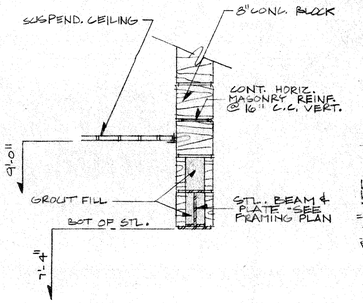
(1 / A3.1)



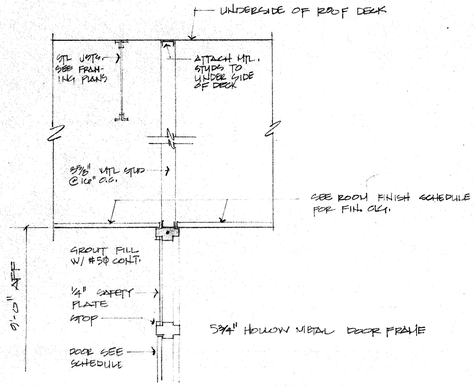
DETAIL
1"=1'-0"
(5 / A3.1)



DETAIL
1½" = 1'-0"
(4 / A3.1)



DETAIL
3/4" = 1'-0"
(3 / A3.1)



DETAIL
3/4" = 1'-0"
(2 / A3.1)

ENGINEERS REPRO 559905

NAVIGATE Building Solutions

Crawford County R-II
1.6.17 - Interior Painting Renovations

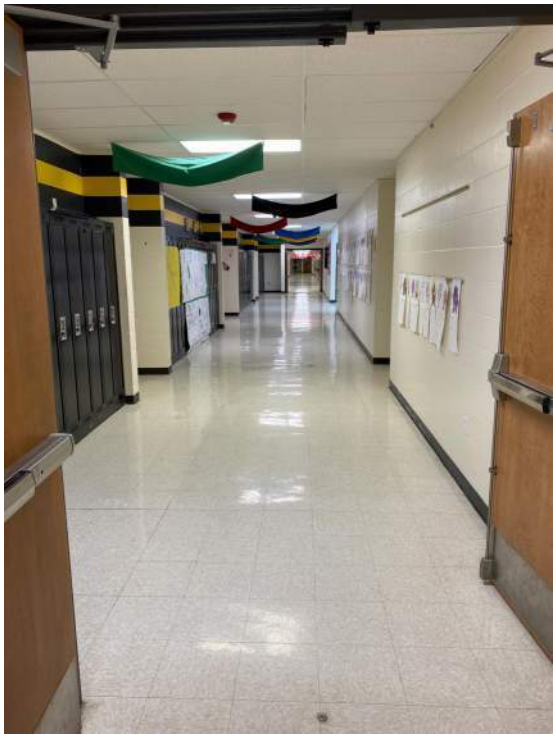
High School - Entrance / Common Space



Middle School - Gym Lobby



Middle School - Corridor



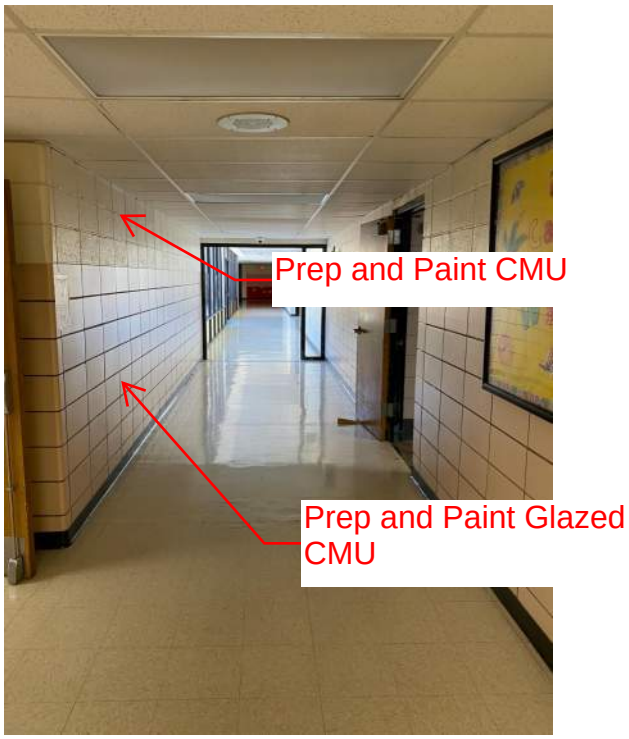
Middle School - Cafeteria



Middle School - Hallway



Middle School - Hallway



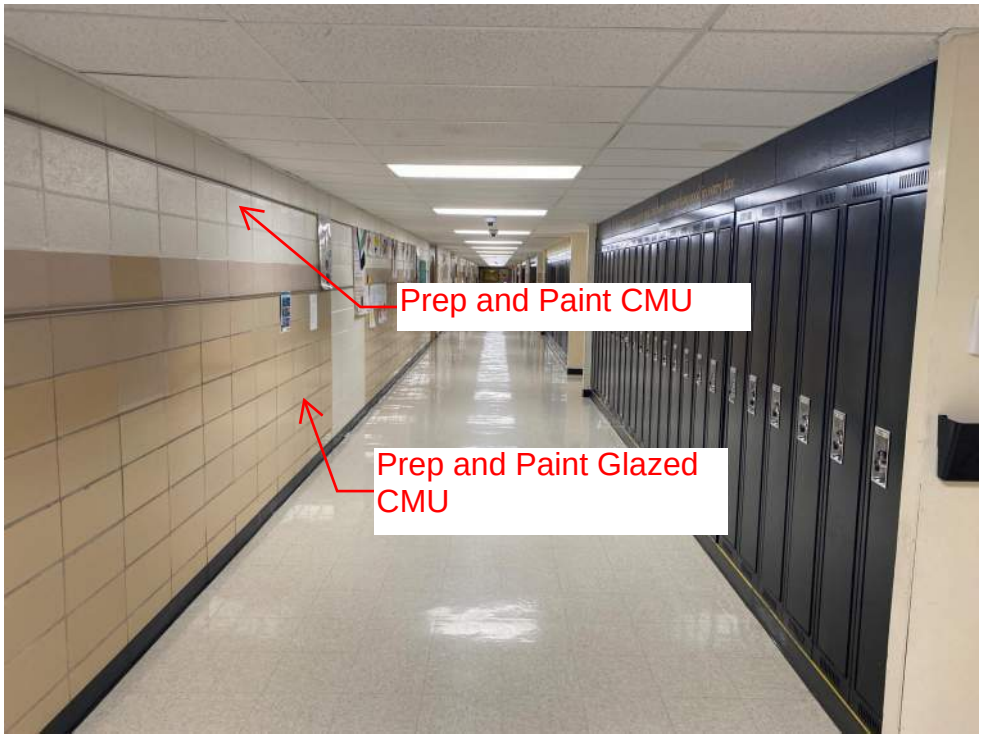
Middle School - Hallway



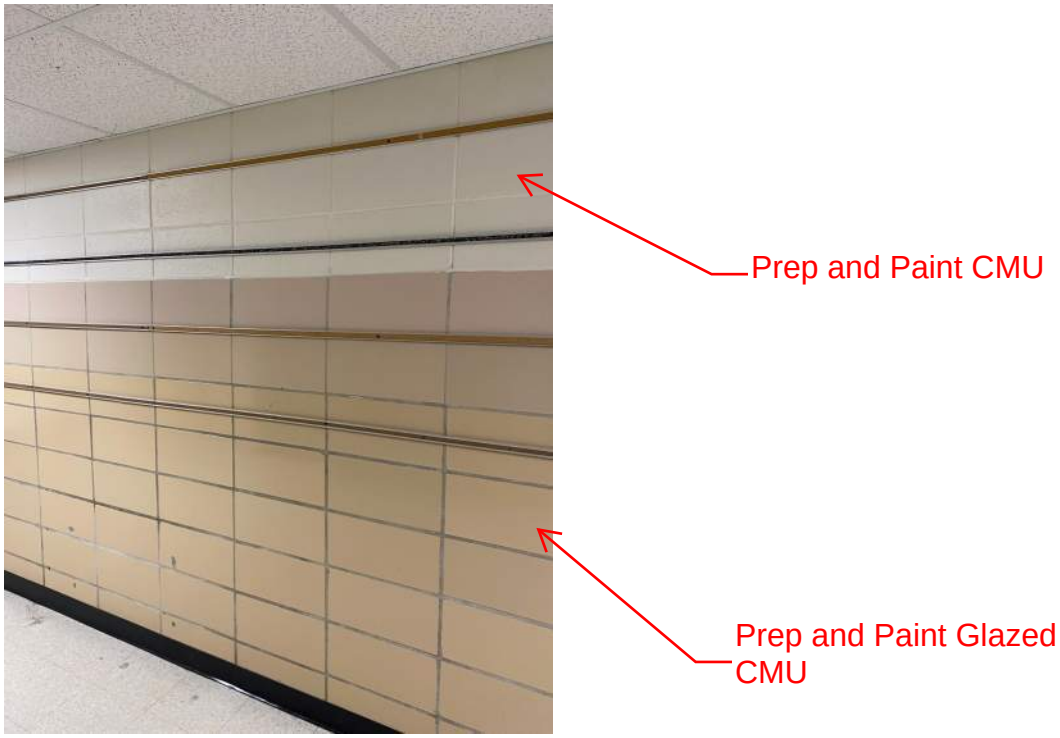
Middle School - Hallway/Door Frame



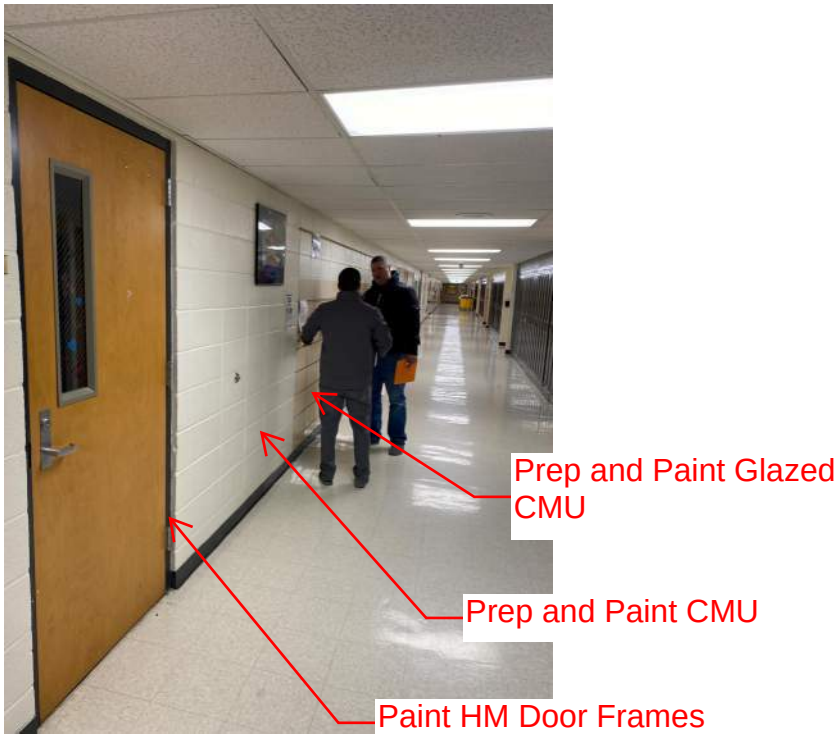
Middle School - Hallway



Middle School - Hallway



Middle School - Hallway



Tab 18:	Remove Existing Fuel Tanks

NAVIGATE
BUILDING SOLUTIONS

Remove Underground Fuel Tank

FACILITY MAINTENANCE MASTER PLAN

1.6.18 - Remove Underground Fuel Tank

Lump Sum		$	10,500
General Conditions	11.0%	$	1,155
Insurance	1.0%	$	117
Overhead and Profit	8.0%	$	942
Performance and Payment Bond	1.0%	$	127
Escalation per year	3.0%	$	385
Soft Costs (Includes Contingency)	25.0%	$	3,306
TOTAL		**$**	**16,532**

Description	Quantity	Unit	Price	Extension
Remove Fuel Tank	1	ea	$5,000.00	$5,000
Backfill	1	ls	$2,500.00	$2,500
Site Restoration	1	ls	$3,000.00	$3,000
			Subtotal*	**$10,500**

**** does not include markup percentages shown above***

NAVIGATE BUILDING SOLUTIONS

1.6.18 – Remove Underground Fuel Tank

1. Existing Condition
    a. There is an abandoned underground fuel tank located within the landscaped space at the south parking lot. See the map for the specific location.

2. Scope of Work
    a. Remove and dispose of existing underground fuel storage tank.
    b. Backfill excavation and re-grade.
    c. Restore disturbed landscape area with sod.


Underground fuel tank location

NAVIGATE Building Solutions

Crawford County R-II
1.6.18 - Remove Existing Fuel Tank



Tab 19:	Locker Room Ventilation

NAVIGATE
BUILDING SOLUTIONS

Locker Room HVAC
FACILITY MAINTENANCE MASTER PLAN

1.6.19 - Locker Room Ventilation

Lump Sum		$	15,000
General Conditions	11.0%	$	1,650
Insurance	1.0%	$	167
Overhead and Profit	8.0%	$	1,345
Performance and Payment Bond	1.0%	$	182
Escalation per year	3.0%	$	550
Soft Costs (Includes Contingency)	25.0%	$	4,723
TOTAL		**$**	**23,617**

Description	Quantity	Unit	Price	Extension
Exhaust Fans, Power, Patch	2	ea	$7,500.00	$15,000
			Subtotal*	**$15,000**

**** does not include markup percentages shown above***

NAVIGATE
BUILDING SOLUTIONS

1.6.19 – Locker Room Ventilation

1. Existing Condition
    a. The locker room/concession complex is located in the northwest corner of the football field.
    b. There is inadequate ventilation of the locker room which is resulting in a musty and smelly space.

2. Scope of Work
    a. Furnish and install two (2) new rooftop exhaust fans.
    b. Patch and flash penetrations in existing roof system.
    c. Provide electrical circuits to new exhaust fans.

Crawford County R-II
1.6.19 - Locker Room Ventilation

