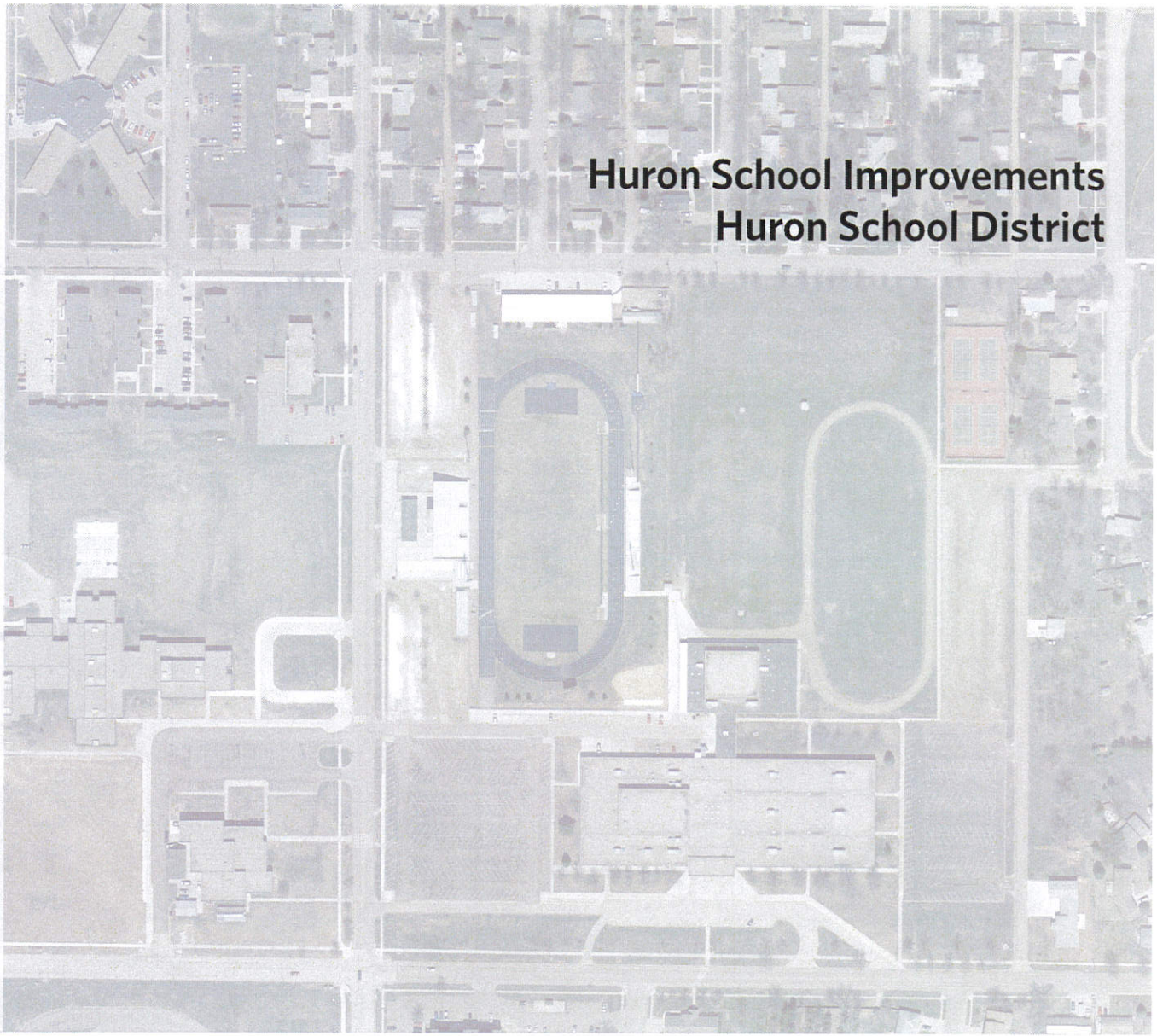
Huron School Improvements
Huron School District



CONTENTS

Koch Hazard Architects

March 11, 2019

EXECUTIVE SUMMARY

The Huron School District engaged Koch Hazard Architects in a multi-facility study to evaluate improvements to be made at several school buildings. The two main goals of the improvements were to retrofit the High School for 1,000 students and enhance security. Koch Hazard representatives toured Huron's High School, Vocational Building, Middle School and Washington Elementary School, reviewed current configurations and utilization with district representatives, then developed plans with design solutions for each project. An implementation timeline and estimate are included on pages 7.1-7.2. All projects within this scope are estimated to be completed by August 2020. High School Auditorium lighting is scheduled for summer 2019.

On December 13, 2018, a project kick-off meeting was held in Huron to review the initial scope and to identify overall District needs and wants for the Facilities Improvements Study. Review progress meetings was conducted with the Huron School District facilities committee on January 14 and 31, 2019. Minutes of these meetings are included in the appendix. In depth narratives regarding mechanical and electrical upgrades, as well as a detailed quote from MAS/Electronic Theatre Controls Inc. (ETC), are also included in the appendix.

A preliminary draft of the report was provided to the committee for review and comments on January 14, 2019. A second draft of the report was reviewed with the committee on February 4, 2019.

A Board Draft of the report was presented to the Huron School District on February 25, 2019.

A final report, addressing Board comments and final committee comments, was delivered to the Huron School District on March 11, 2019.

Projects highlighted within this Facilities Improvements Study, included:

High School:

- Entrance and Office Addition & Renovation
- Commons and Corridors Finishes
- Restroom Updates
- HVAC and Lighting Updates
- New Phone and PA Systems
- Science Lab Counter Top/Sinks Updates
- Interior Door Updates
- Ceiling Tile Replacement
- Auditorium Lighting Updates

Vocational Building:

- Restroom Updates

Middle School:

- Office and Security Renovation
- Canopy Addition
- Auxiliary Gym Floor Replacement
- Restroom Updates
- Locker Room Updates

Washington Elementary:

- Acoustic Upgrades in the Commons

Participants in the process included:

Huron School District:

Terry Nebelsick, Superintendent
Roger Ahlers, Director of Technology
Kelly Christopherson, Business Manager
Jolene Konechne, High School Assistant Principal
Mike Radke, High School Principal
Rex Sawvell, Director of Transportation, Building & Grounds
Laura Willemssen, Middle School Principal

Koch Hazard Architects:

Keith Thompson, Principal-in-Charge
Jeff Hazard, Principal Planner
Chris Brockevelt, Project Manager
Erica Locke, Interior Designer
Brooke Wegener, Principal Document Developer

Associated Consulting Engineering, Inc.:

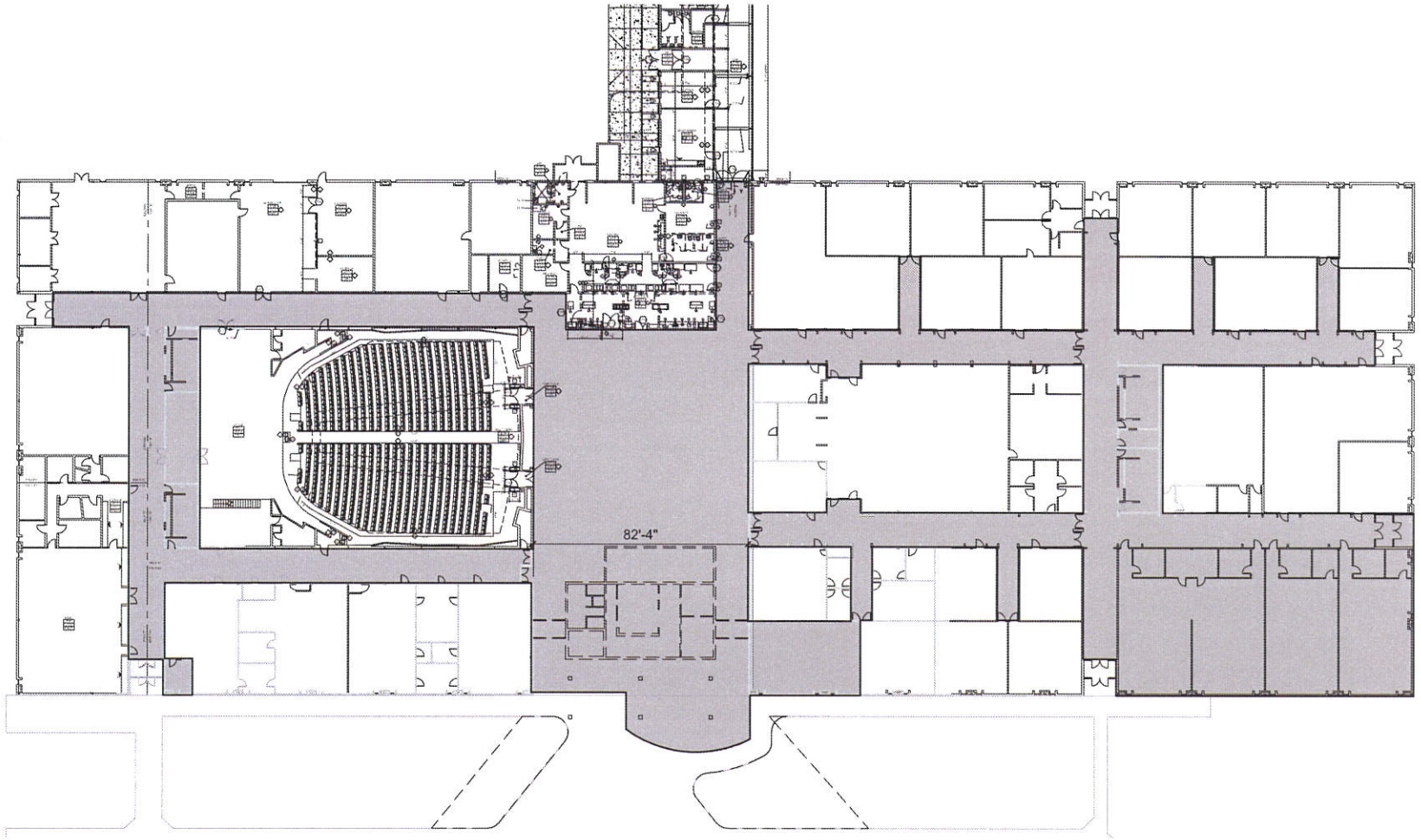
Norm deWit, Mechanical Engineer
Damon deWit, Mechanical Engineer
Brad Shoup, Electrical Engineer

2.2

Building	Area	Description	Construction Timing	*Budget Amount	Reference Page
High School	Entrance/Office	Update entry/office configuration to create secure entrance. Renovate office to meet current and future needs. Commons restrooms	12/19-8/20	$1,520,000	3.3
	Commons & Corridors	Remove asbestos floor tile, replace with VCT or ERT	Summer 2020	$471,000(1)	3.4
	Restrooms	Renovate east and west restrooms, 4 stalls each, supervisible sinks - gain ___ stalls Add privacy stalls at urinals in mens' restroom (2009) Add restroom with changing table for SPED Replace/add EWCs with bottle fillers	Summer 2020	$466,000	3.5-3.6
	Phone/Intercom System	Replace current system with system using phones for intercom in rooms, speakers in halls, commons, restrooms. (Direct with vendor) Middle School and High School separate/some existing copper lines	Summer 2020	$50,000	
		Campus PA System	Summer 2020	$161,000	
	HVAC System	Replace current DXRTUs with new RTU's with zone dampers and new controls	Summer 2020	$773,000	3.7
	Science Labs	Replace all counters and sinks in lab rooms	Summer 2020	(1)	3.8
	Interior Doors	Address impacts of recent addition of panic bars at classroom doors	Summer 2020	(1)	3.9
	Ceiling Tile	Selectively replace aging acoustic tile and grid. Add projector screen in commons	Summer 2020	(1) (100% commons, some rooms)	3.10
	Auditorium	New stage and house lighting	Summer 2019	$339,000	3.11-3.12
Vocational Building	Restrooms	Fully renovate 2 restrooms with 4 stalls each - gain 2 stalls	Summer 2020	$144,000	4.2
Middle School	Entrance/Office	Update entry/office configuration to enhance security, meet current/future office needs	Summer 2020	$178,000	5.3
	Canopy	Add canopy at entrance	Summer 2020	$123,000	5.3
	Auxiliary Gym	Replace 6,200 s.f. of flooring with sports floor	Summer 2020	$81,000	5.4
	Restrooms	Add privacy stalls at 2 urinals in each of 5 men's restrooms	Summer 2020	$46,000	5.5
	Locker Rooms	Replace baskets with locker units, reconfigure to eliminate island lockers/enhance supervision	Summer 2020	$67,000	5.6
Washington Elementary	Commons	Acoustic upgrades	Summer 2020	$29,000	6.1-6.2

Notes:
* base bid budget amount
(1) HS finish costs combined

- not included, 5% owner construction reserve for renovation work
- these include 15% contingency for estimating

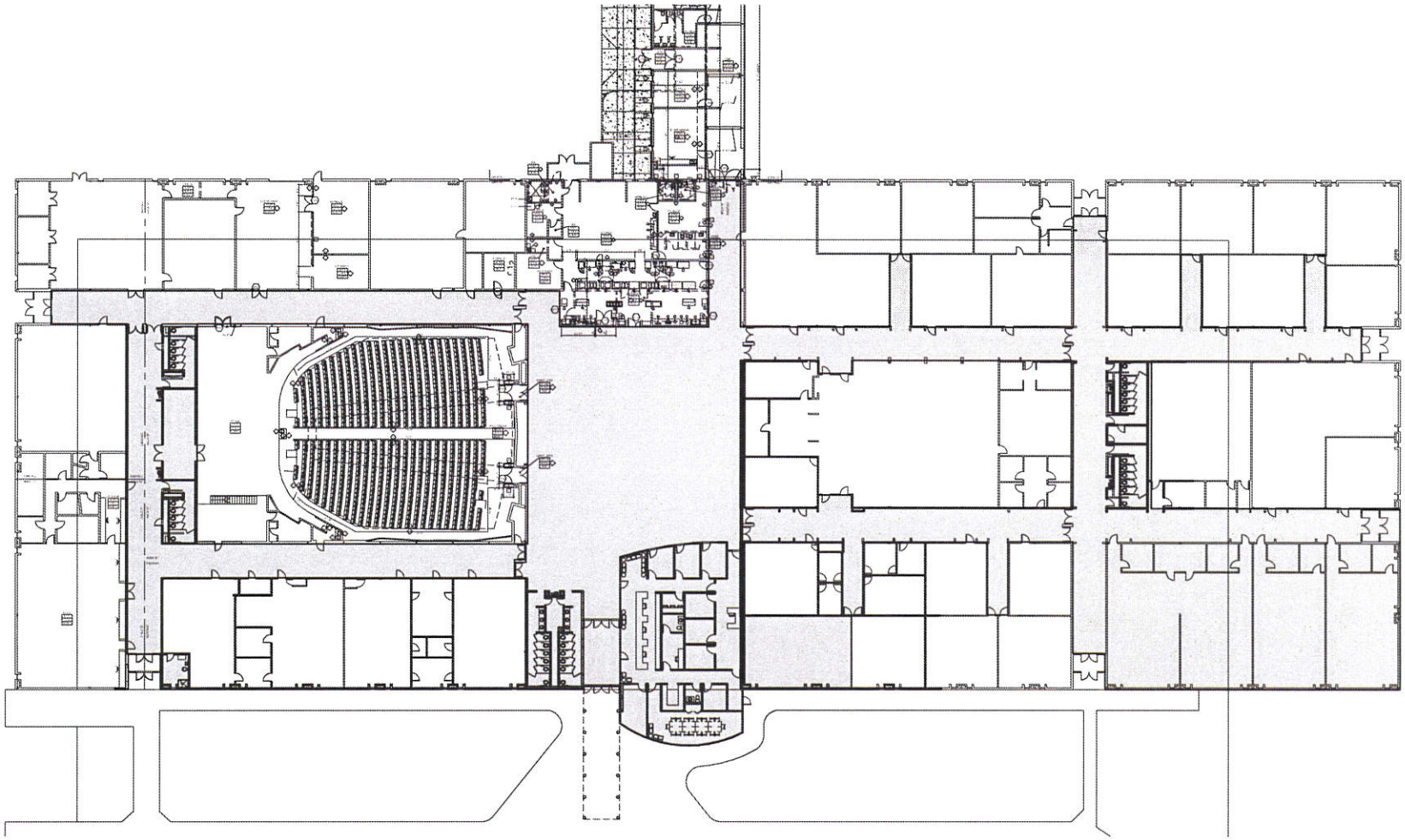


1"=40'-0"

Overall Floor Plan | Before
High School Improvements

HURON SCHOOL IMPROVEMENTS
HURON SCHOOL DISTRICT
3/11/19

3.2

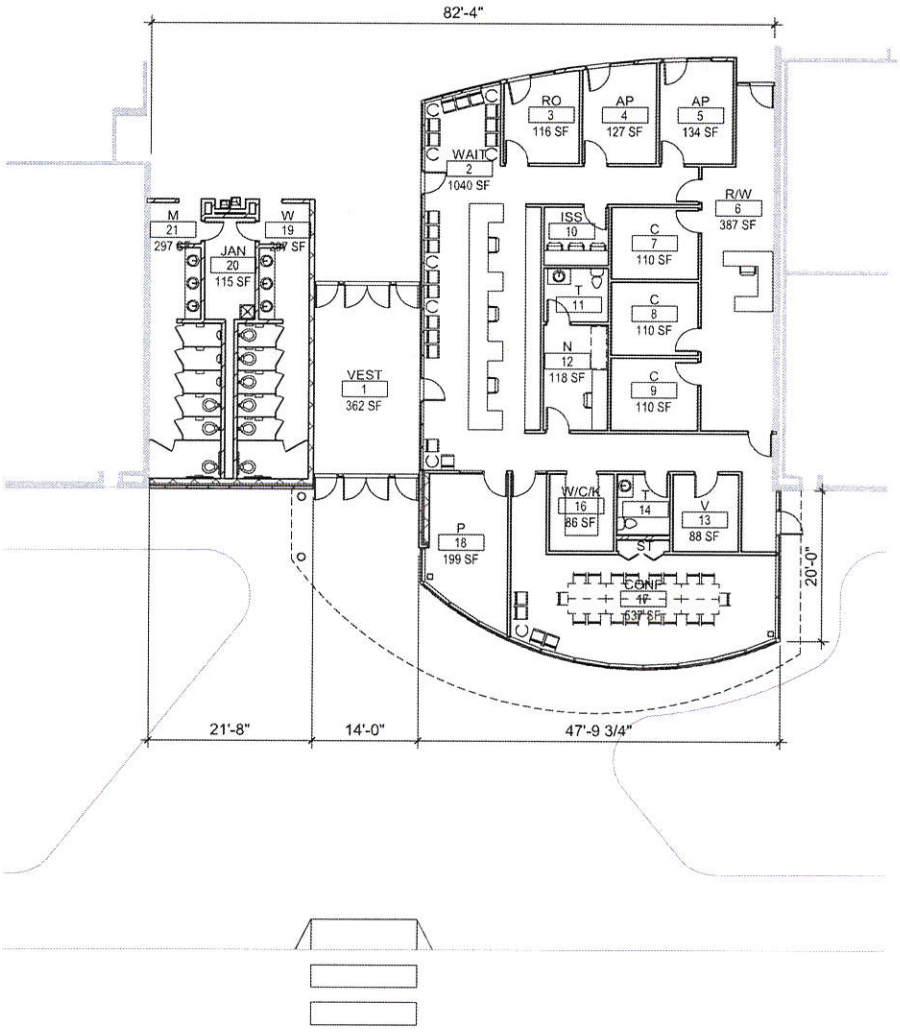


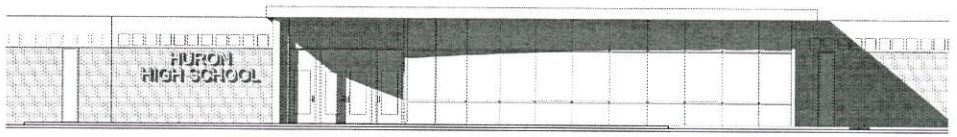
1"= 40'-0"

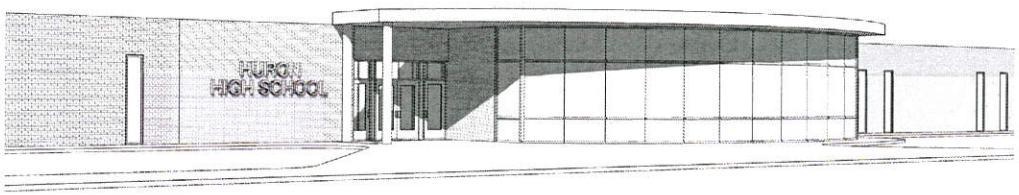
Overall Floor Plan | After
High School Improvements

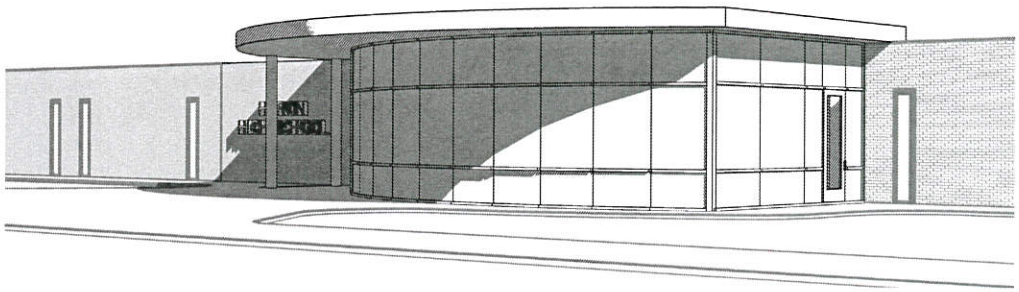
HURON SCHOOL IMPROVEMENTS
HURON SCHOOL DISTRICT
3/11/19

Scope: Update entry/office configuration to create a secure entrance.
Renovate office to meet current and future needs.
Update commons restrooms.





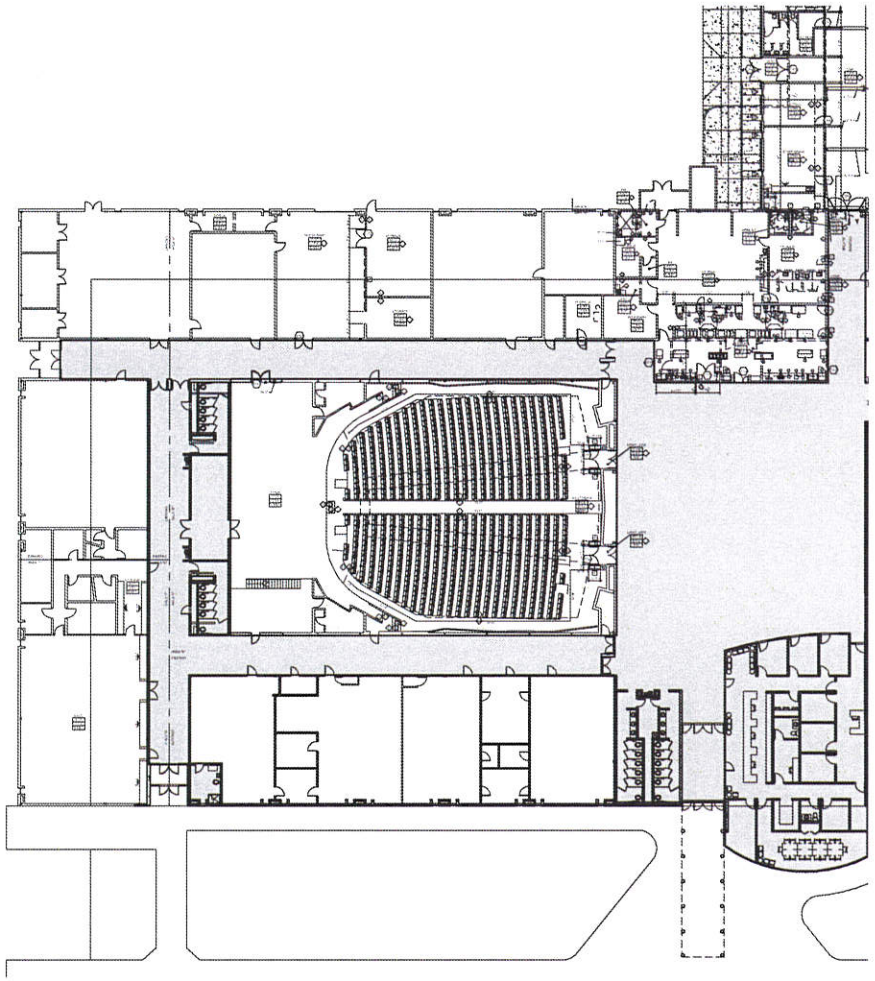




1/16"=1'-0"

3.4

Scope: Remove asbestos floor tile, replace with VCT or ERT.



1"= 40'-0"

EXISTING | COMMONS

PRODUCT SPEC PAGE

STANDARD EXCELON® Imperial® Texture | MultiColor™

Vinyl Composition Tile (VCT)

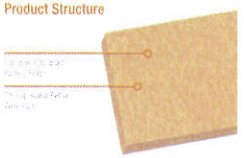
Product Information

Construction	Product Line	International Product Specifications	Overall Thickness Wear Layer Thickness	Factory Finish	Installation	Maintenance Options

Packaging

Tile Size	Tile per Carton/Coverage	Shipping Weight per Carton

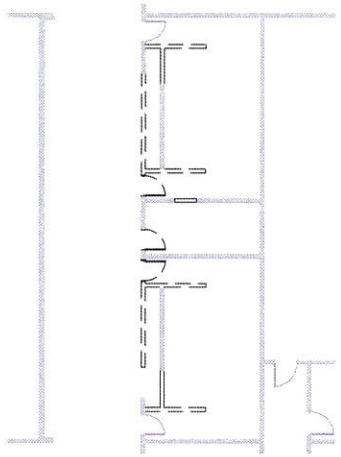
Product Structure



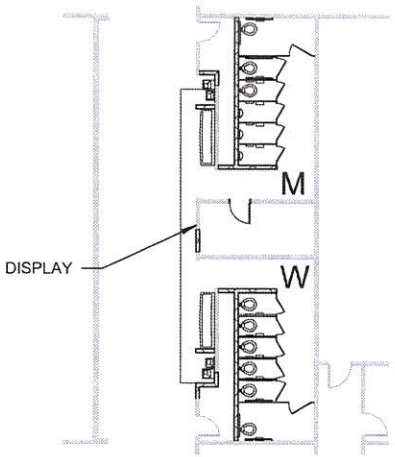
PROPOSED | VCT

3.5

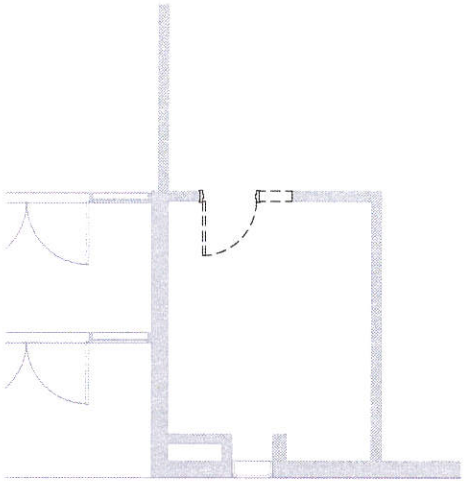
Scope: Renovate east and west restrooms. Add commons restrooms and privacy stalls. Renovate SPED restrooms.



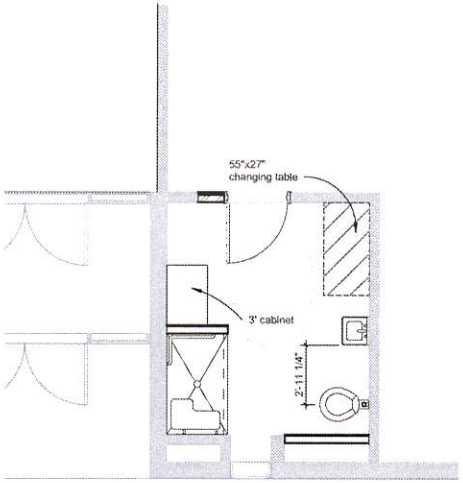
EXISTING | RESTROOM I



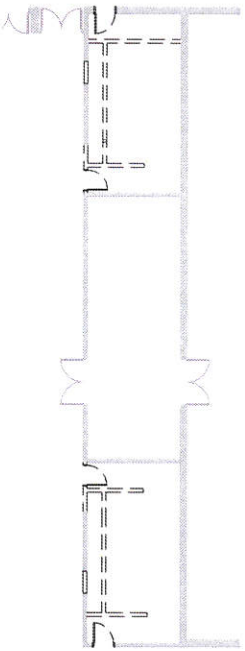
PROPOSED | RESTROOM I



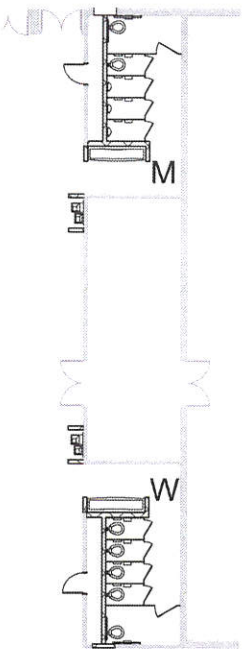
EXISTING | SPED RESTROOM



PROPOSED| SPED RESTROOM

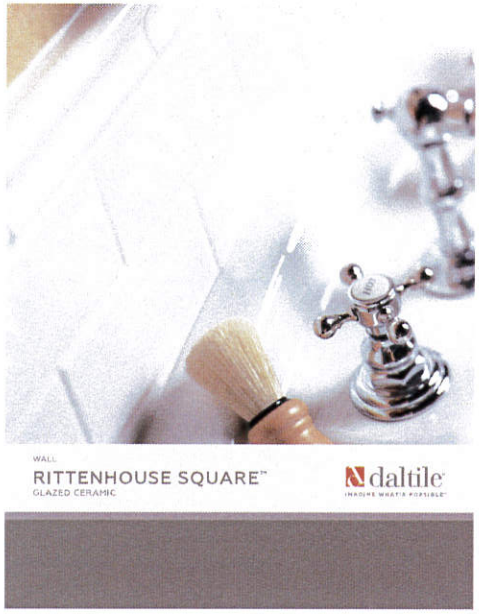


EXISTING | RESTROOM II



PROPOSED | RESTROOM II

3.6
Potential materials for restroom updates.

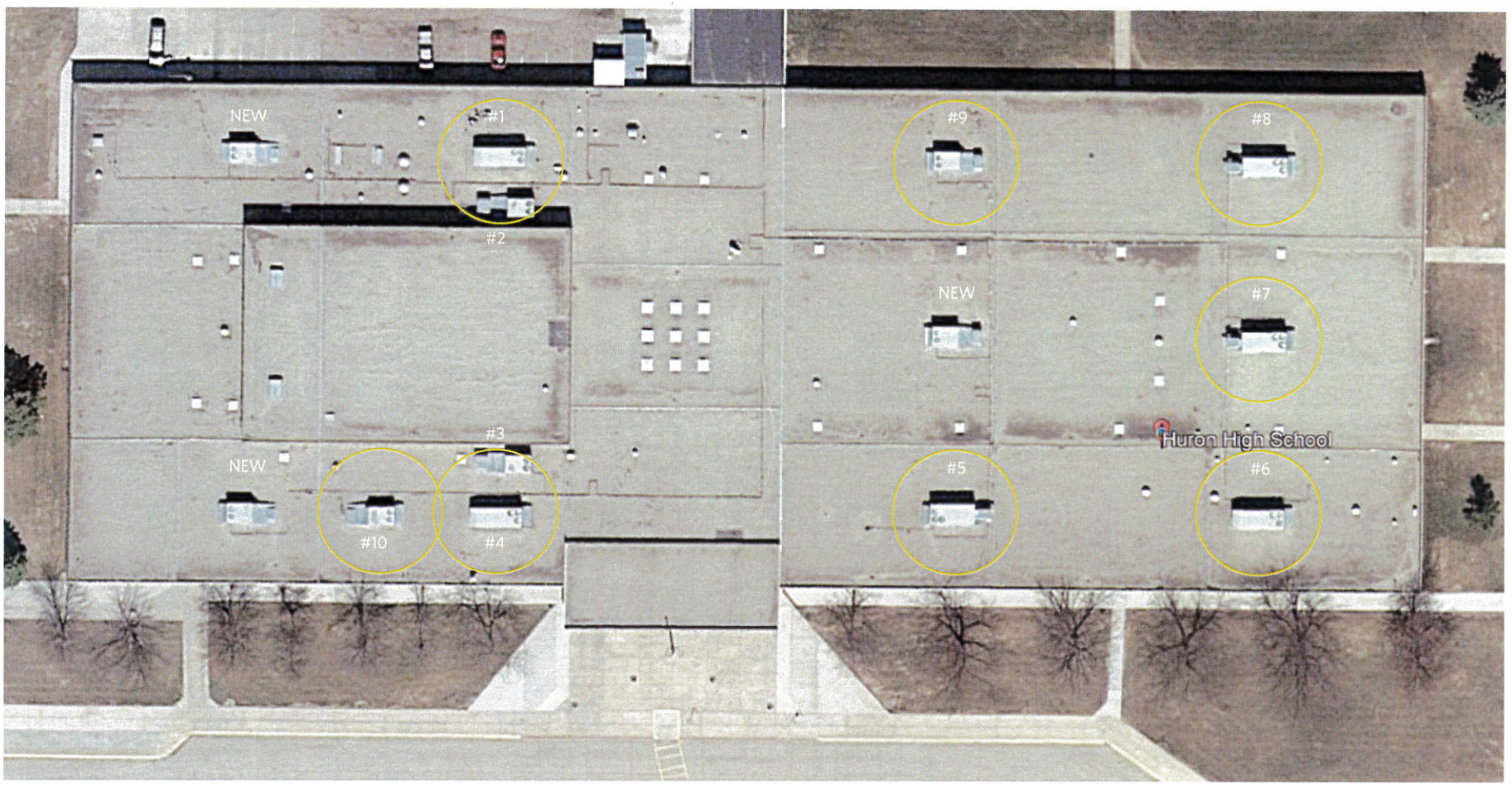


RESTROOM WALL TILE

RESTROOM FLOOR TILE

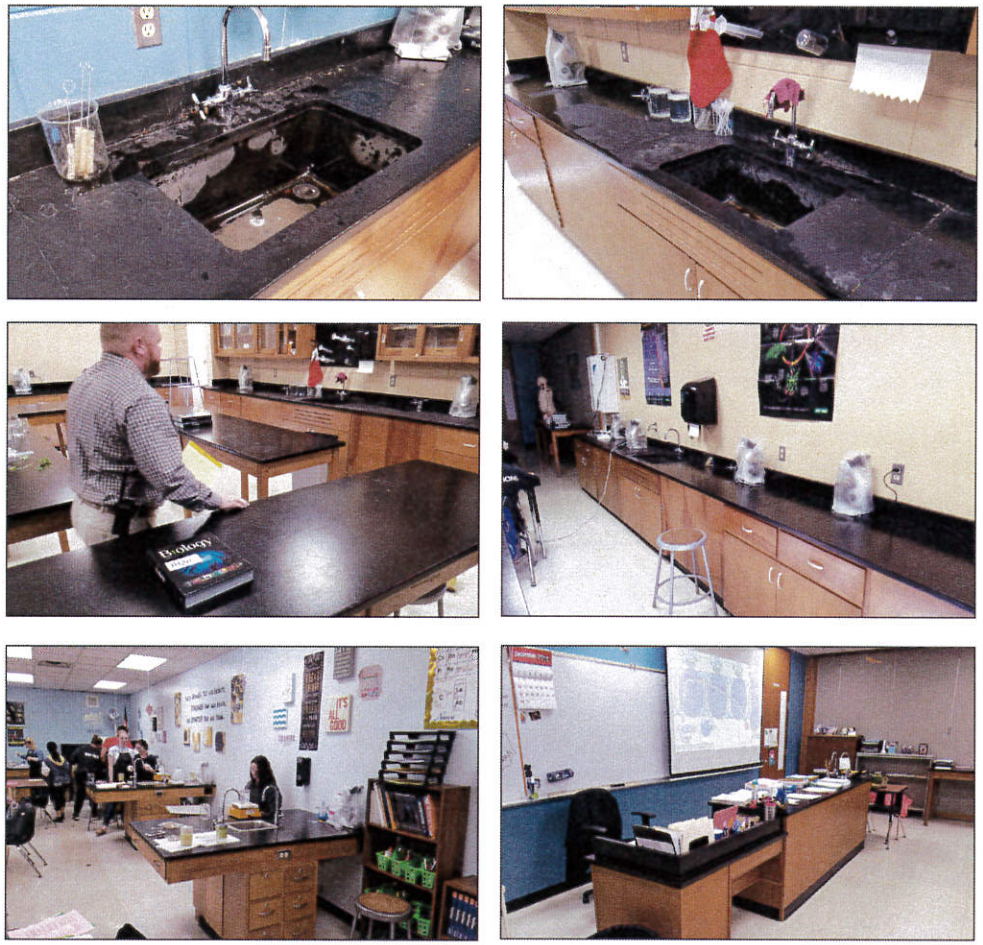
RESTROOM FLOOR TILE

Scope: Replace current DXRTUs with new RTU's with zone dampers and new controls.
The complete Mechanical Upgrades Reports is located in the appendix section of this document.



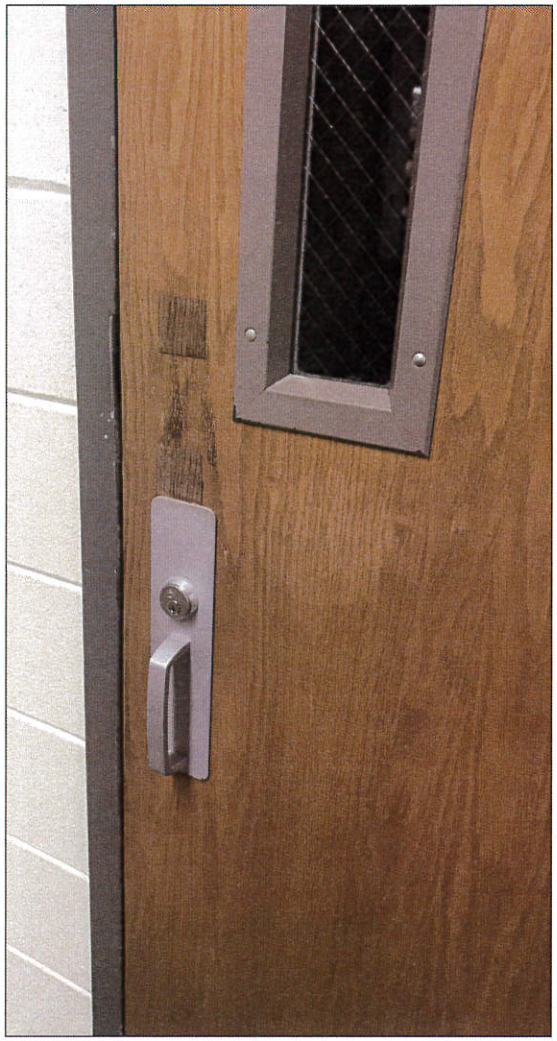
3.8

Scope: Replace all counters and sinks in lab rooms.

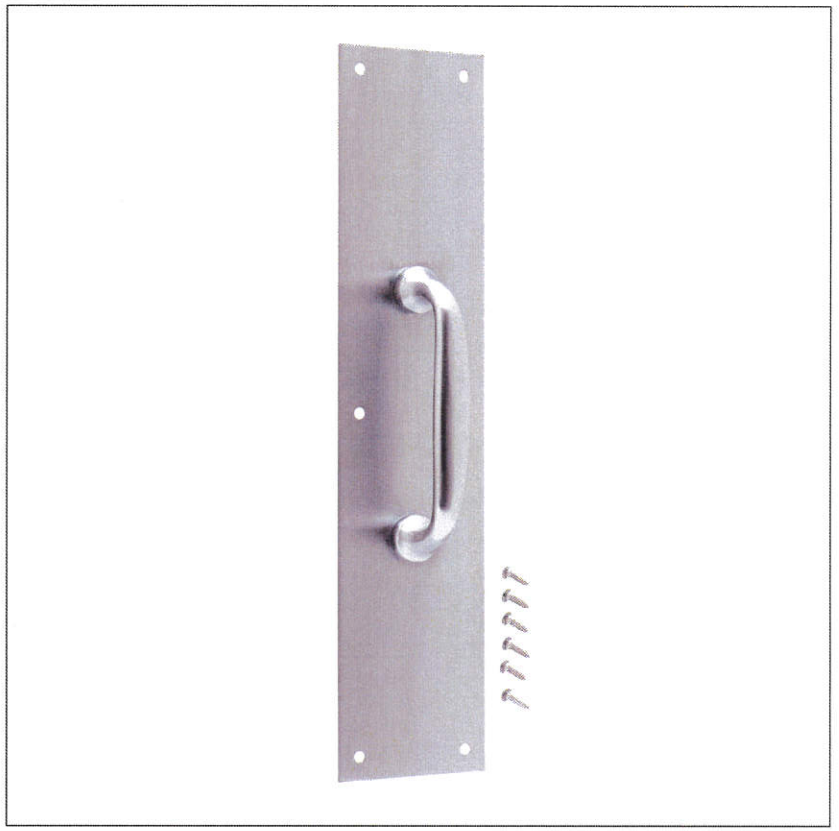


EXISTING | COUNTER TOPS

Scope: Address impacts of recent addition of panic bars at classroom doors.



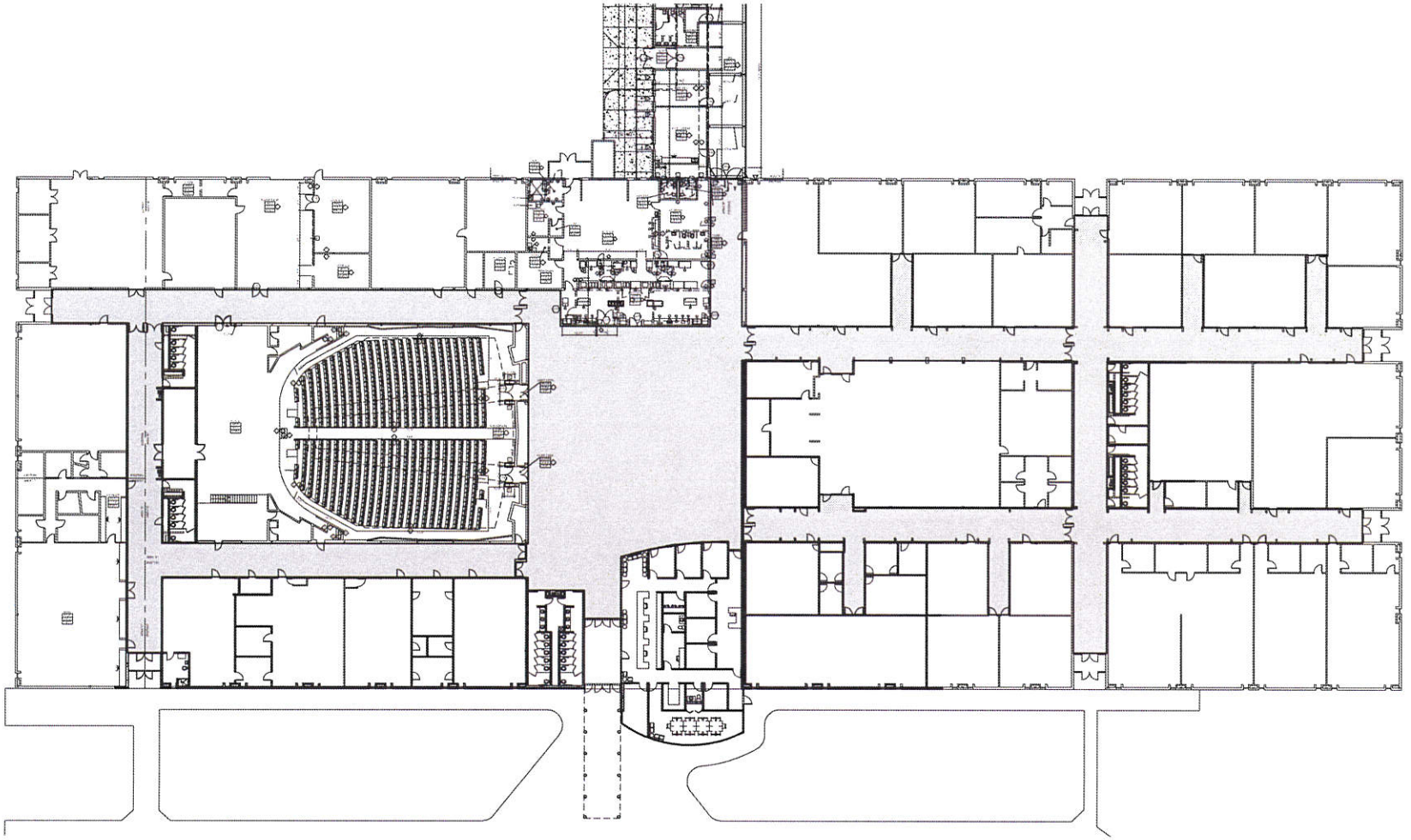
EXISTING | INTERIOR DOORS



PROPOSED

3.10

Scope: Selectively replace aging acoustic tile and grid.



EXISTING COMMONS CEILING

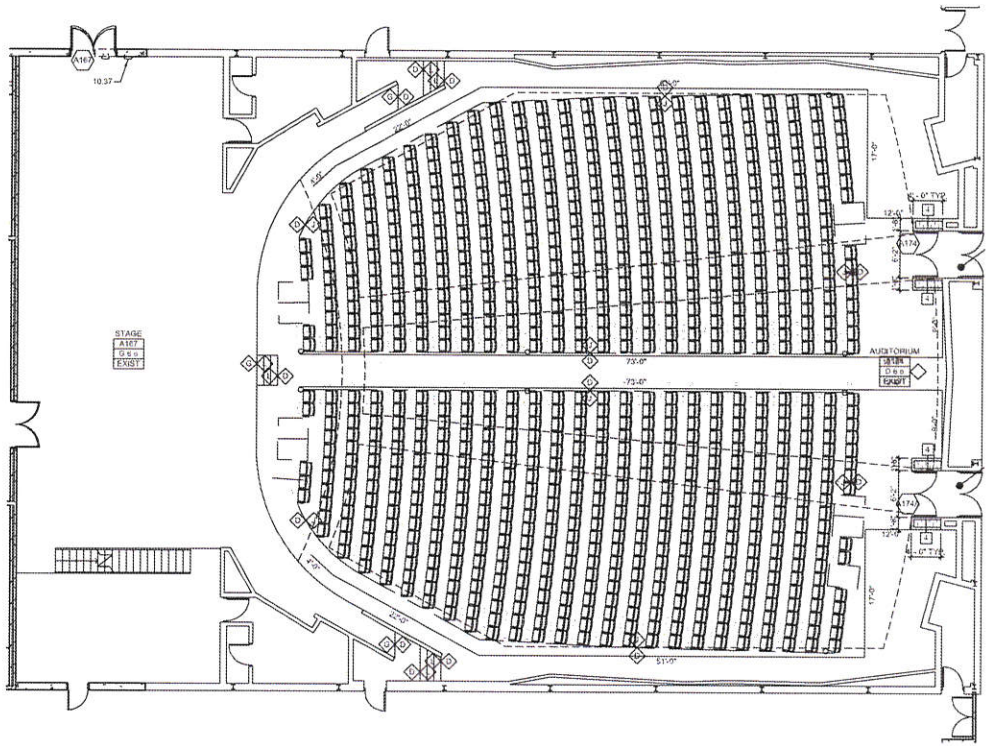
EXISTING HALL CEILING

Ceiling Tile | Floor Plan
High School Improvements

HURON SCHOOL IMPROVEMENTS
HURON SCHOOL DISTRICT
3/11/19

3.11

Scope: New stage and updated house lighting.



3.12

Lighting product options.

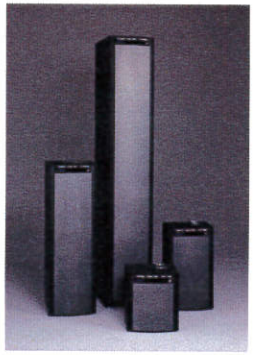
The complete ETC estimate for these products is located in the appendix section of this document.

GENERAL INFORMATION

The ETC ColorSource PAR offers a quality of build and light that has never been seen in an affordable wash fixture. Using ETC's unique RGB-L color system, the ColorSource PAR provides a rich, bright light unlike any other LED washlight in its class. And it was designed and manufactured by ETC.

Rogue R3 Spot

Rogue R3 Spot delivers intense output, crisp optics, sharp focus and maintains a value proposition designed to maximize ROI. This feature-packed moving spot has a bright 300 W LED light engine that produces an even field of light, as well as rotating and static gobos, an 8 position and split-color enabled color wheel, and three facet prism to create stunning looks. A quick moving zoom range of 13 - 37° adds to its flexibility of use by giving the Rogue R3 Spot the ability to cover large areas.



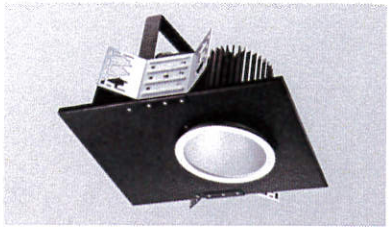
GENERAL INFORMATION

Sensor3 dimming systems provide high density, professional features and exceptional reliability for lighting applications that require the best the entertainment industry can offer.

Specification

ADVANCED HIGH CEILING

6" REV - New Construction

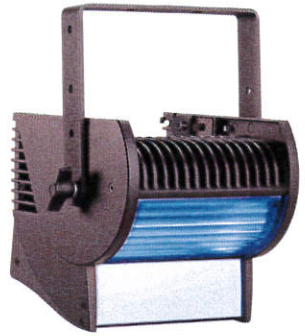


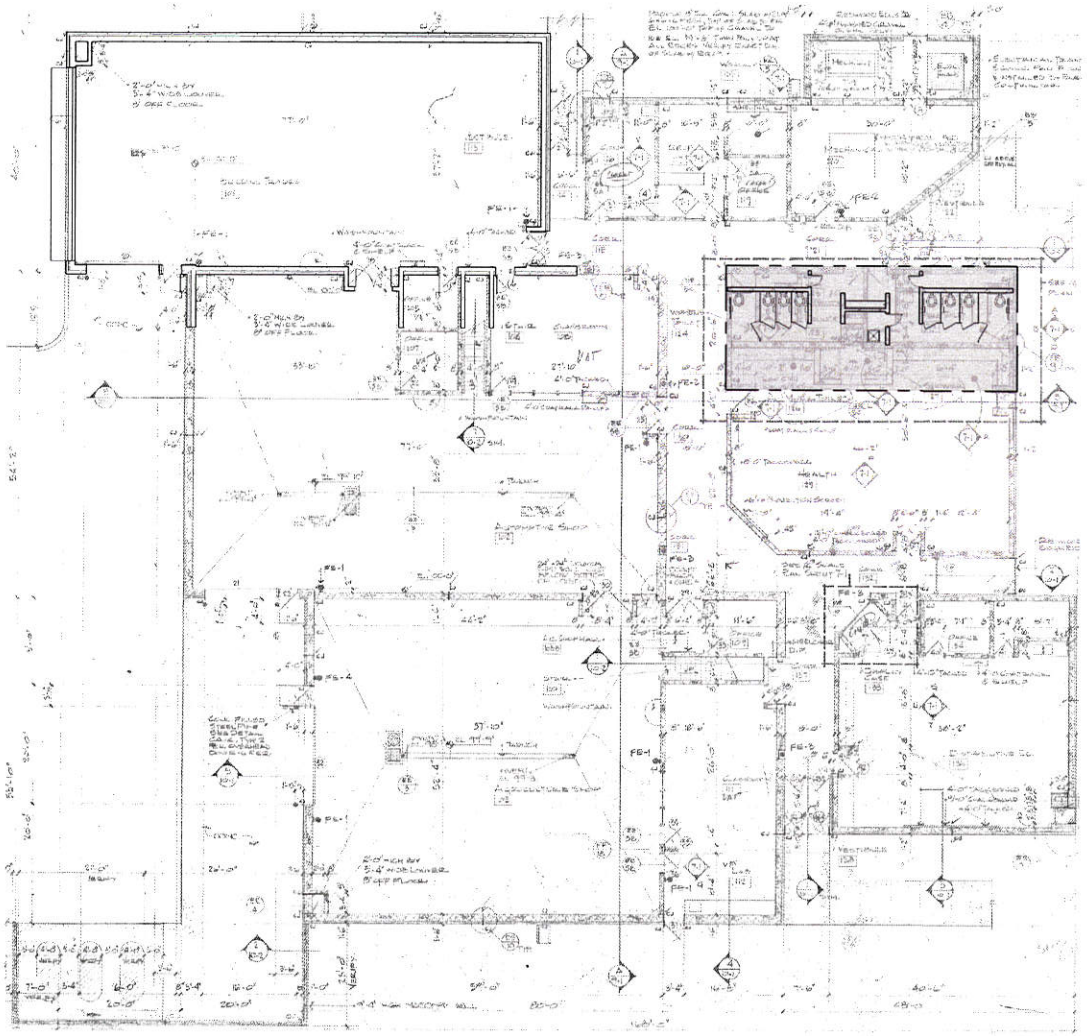
GENERAL INFORMATION

The ETC ColorSource Spot brings together the affordability of a four-color light engine with the build-quality and support of an ETC product. Using a unique mix of red, green, blue and lime LED emitters, the ColorSource spot allows for an amazing range of color and depth, unlike other low-cost LED fixtures. Because it utilizes standard ETC optics, adapters and accessories, it is a versatile solution for any lighting need.

GENERAL INFORMATION

The ColorSource CYC is a dedicated cyclorama fixture designed with the sole purpose of creating beautiful, smooth washes of light on a cyclorama or wall. And it delivers! This is the first ETC fixture to use this innovative five-colour mix of red, green, blue, indigo and lime for expanded range and colour control.





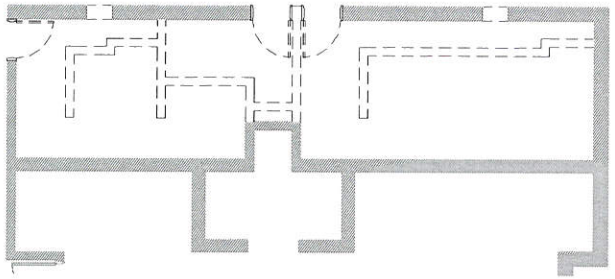
1"=20'-0"

Overall First Floor Plan | Before
Vocational Building

HURON SCHOOL IMPROVEMENTS
HURON SCHOOL DISTRICT
3/11/19

4.2

Scope: Renovate restrooms.



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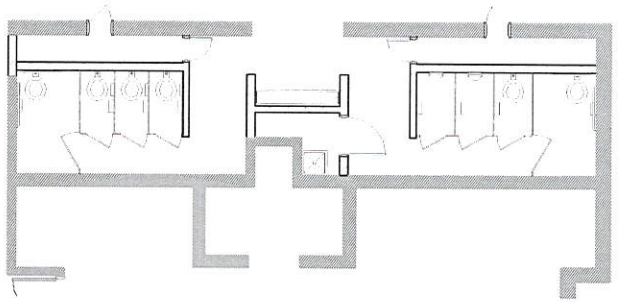
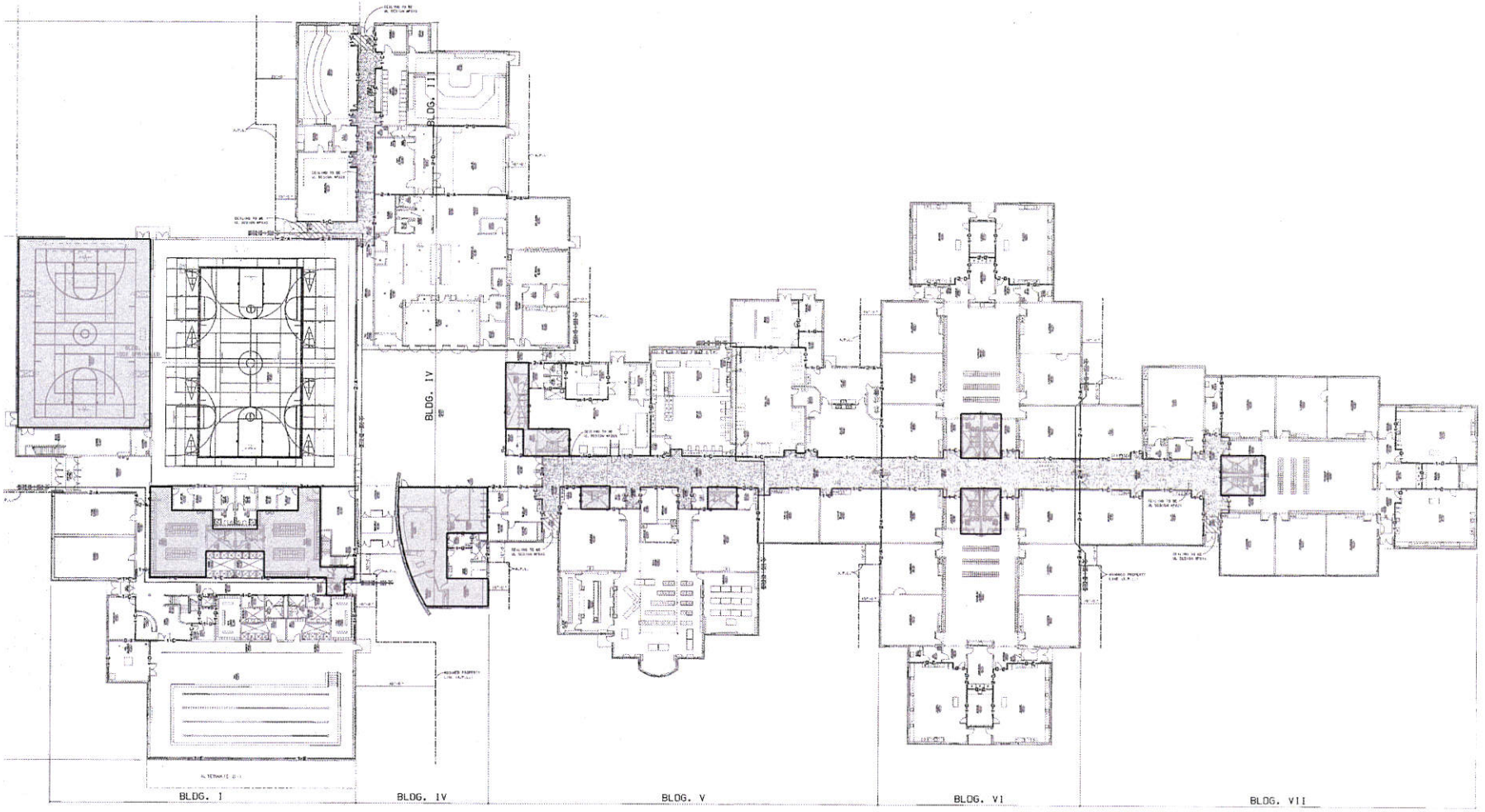


PROPOSED

1/8"= 1'-0"

Restroom Updates | Floor Plan
Vocational Building

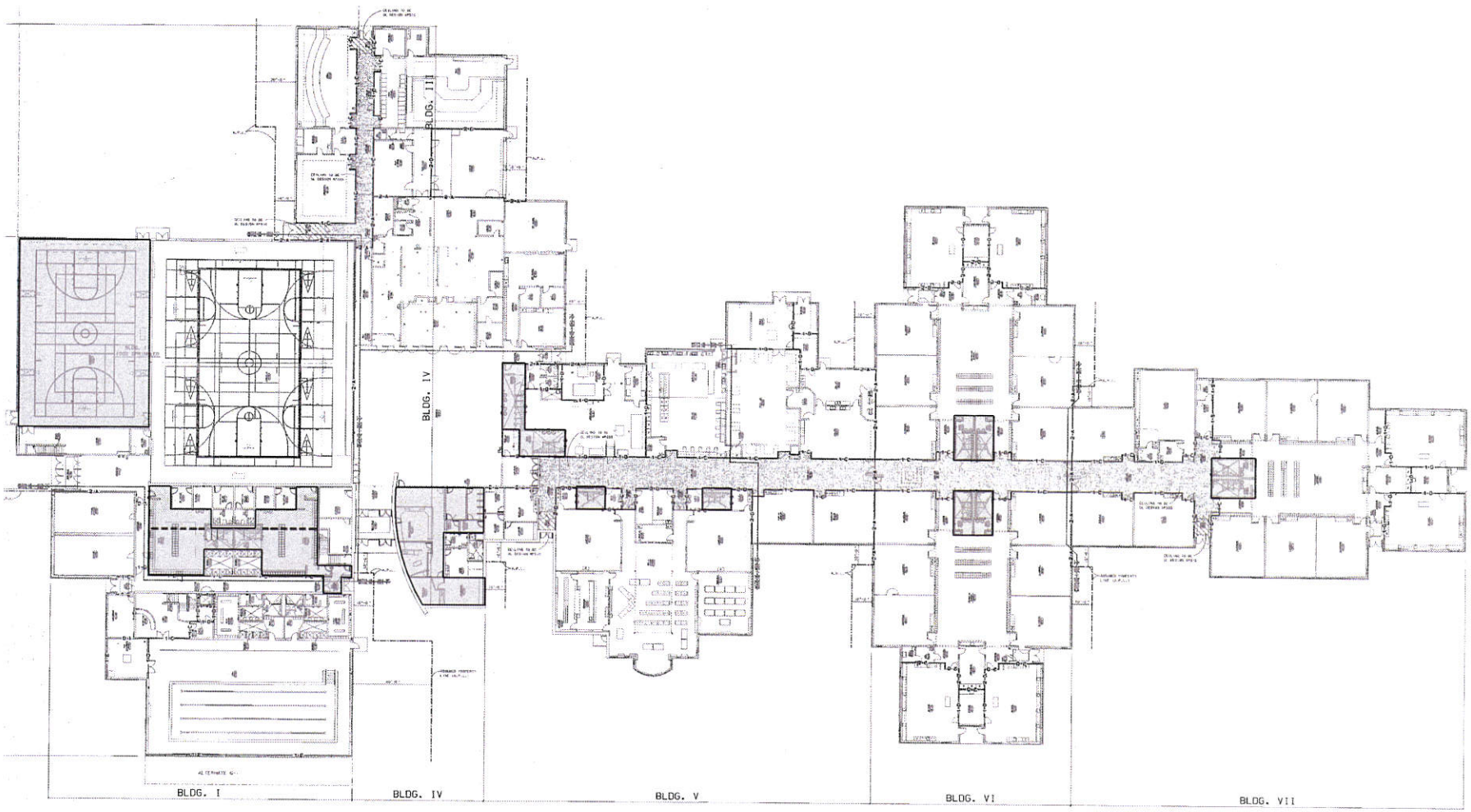


1"=50'-0"

Overall Floor Plan | Before
Middle School Improvements

HURON SCHOOL IMPROVEMENTS
HURON SCHOOL DISTRICT
3/11/19

5.2

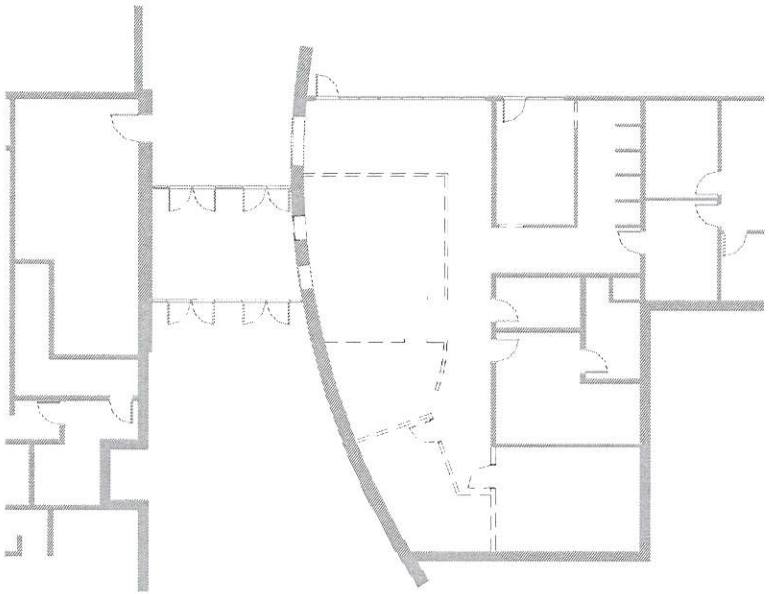


1"= 50'-0"

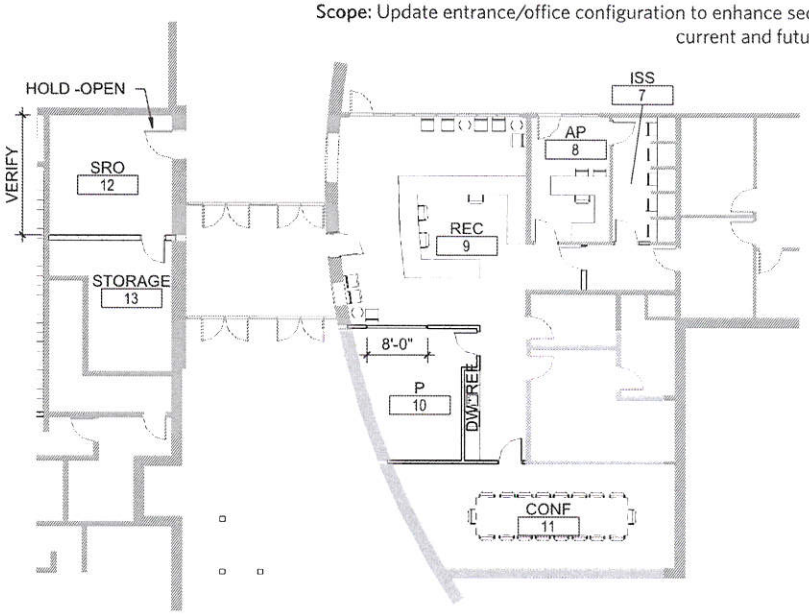
Overall Floor Plan | After Middle School Improvements

HURON SCHOOL IMPROVEMENTS
HURON SCHOOL DISTRICT
3/11/19

Scope: Update entrance/office configuration to enhance security and meet current and future office needs. Add canopy.

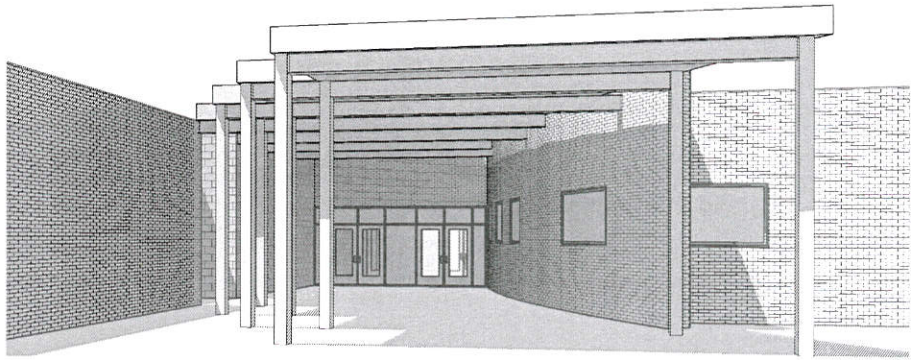


EXISTING ENTRY



PROPOSED ENTRY

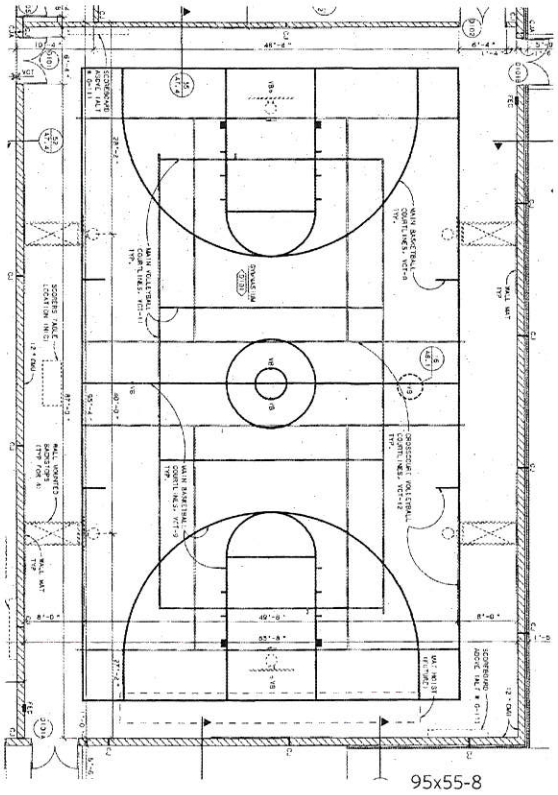
1/16"=1'-0"



PROPOSED CANOPY

5.4

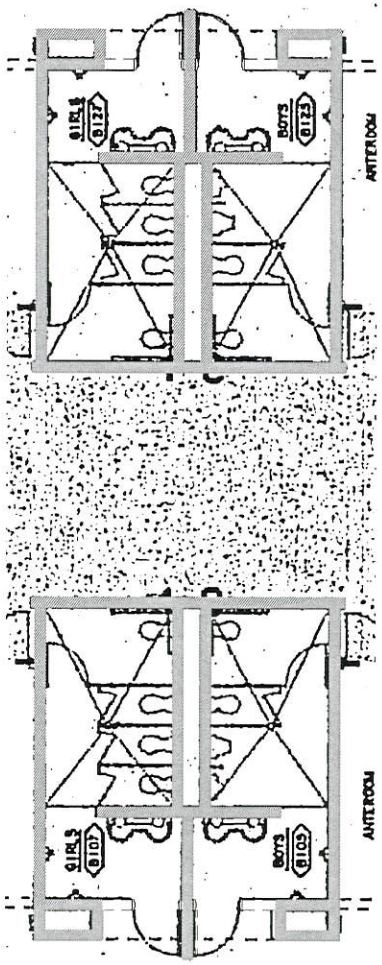
Scope: Replace current flooring with sports floor.



95x55-8

Plan of Auxiliary Gym with Overall Dimensions
Middle School Improvements

Scope: Add privacy stalls.



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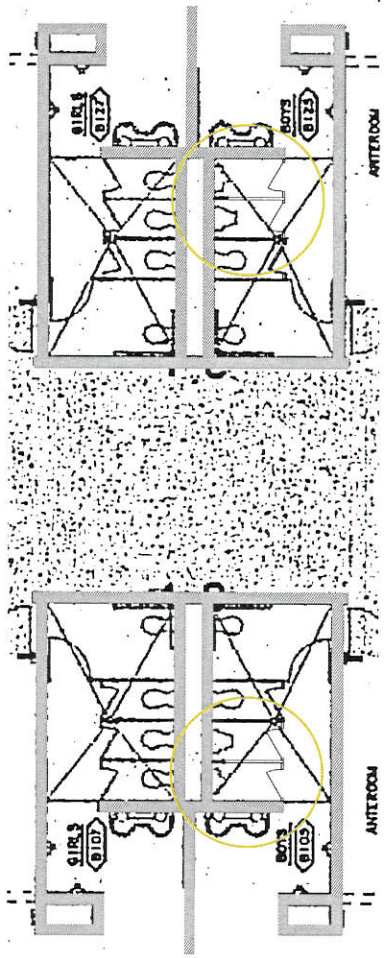
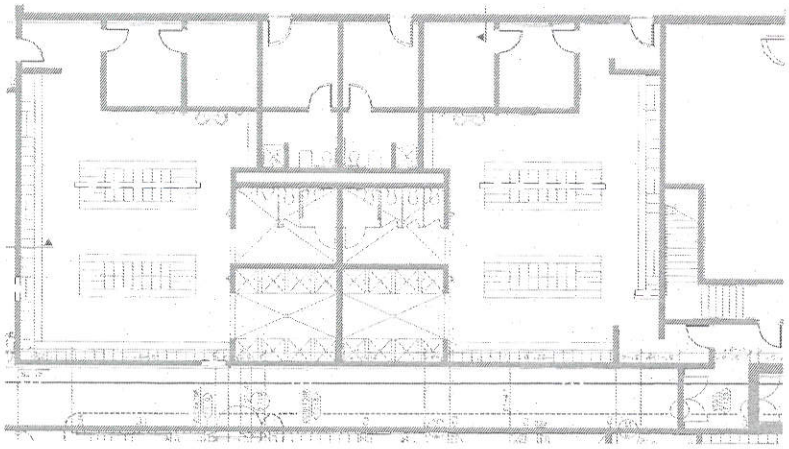


PROPOSED

1/8"=1'-0"

5.6

Scope: Replace baskets with locker units, reconfigure to eliminate island lockers/enhance supervision



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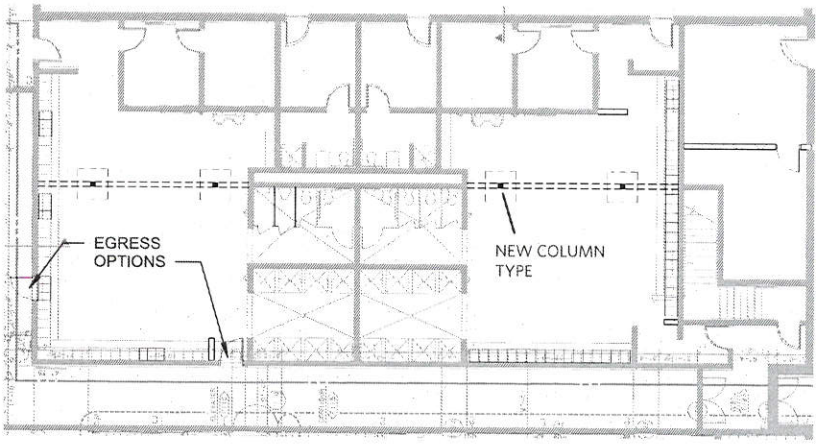
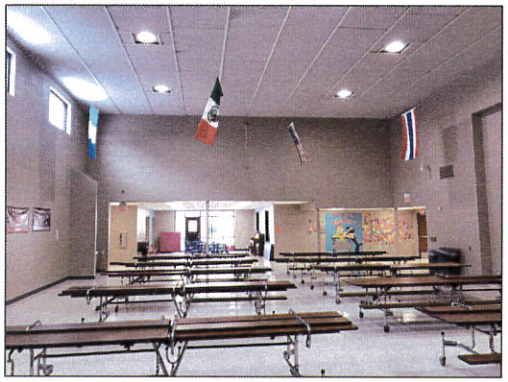
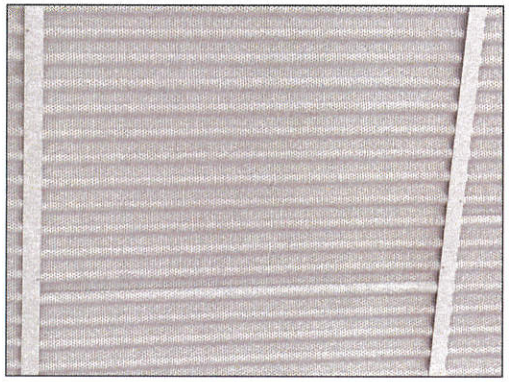


PROPOSED

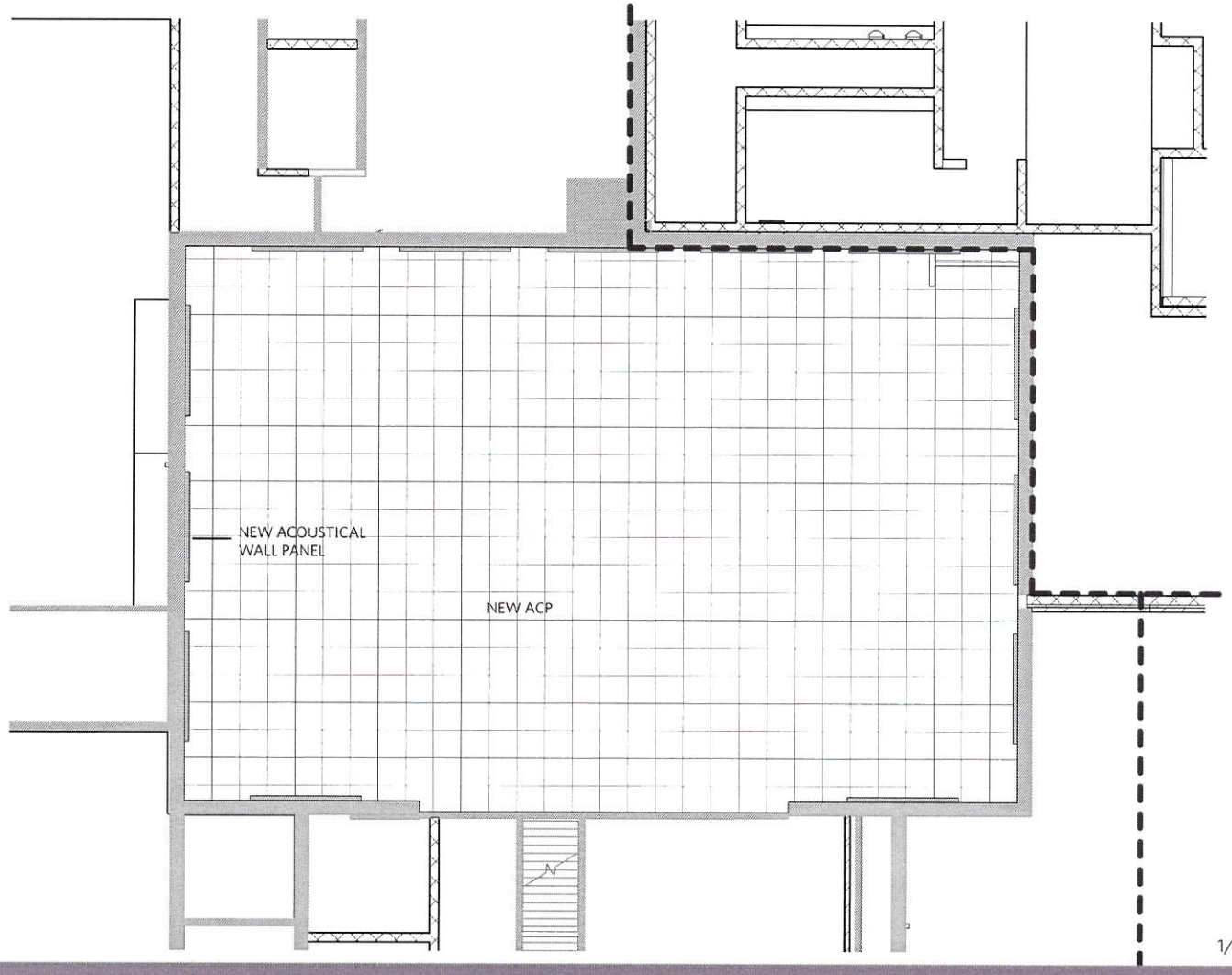
1/16"= 1'-0"

Scope: Replace acoustical ceiling tile in commons area.



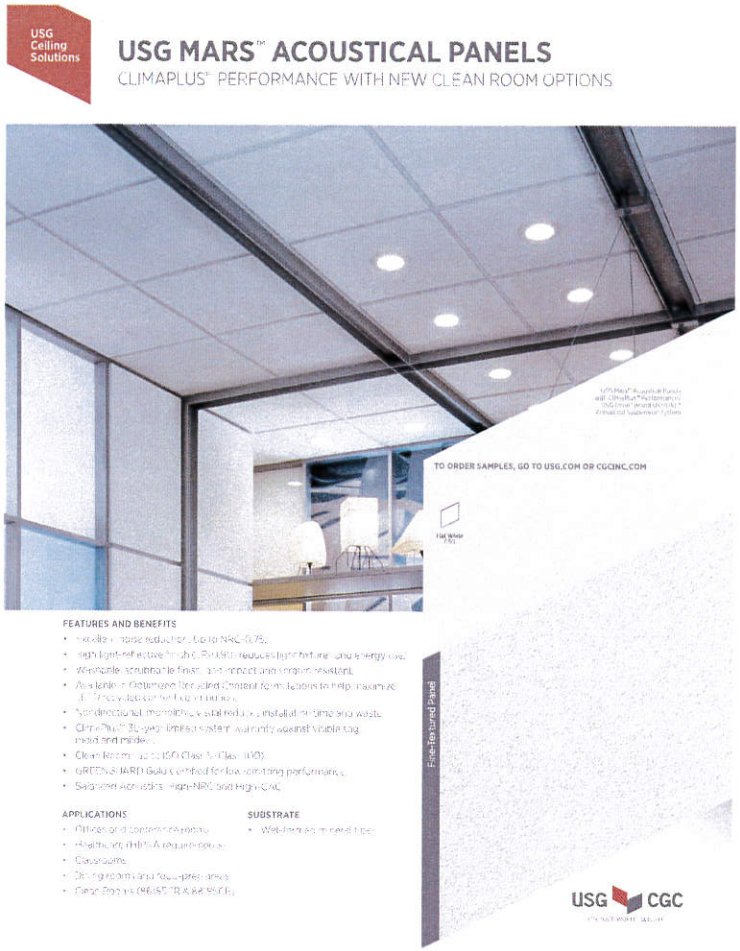


EXISTING

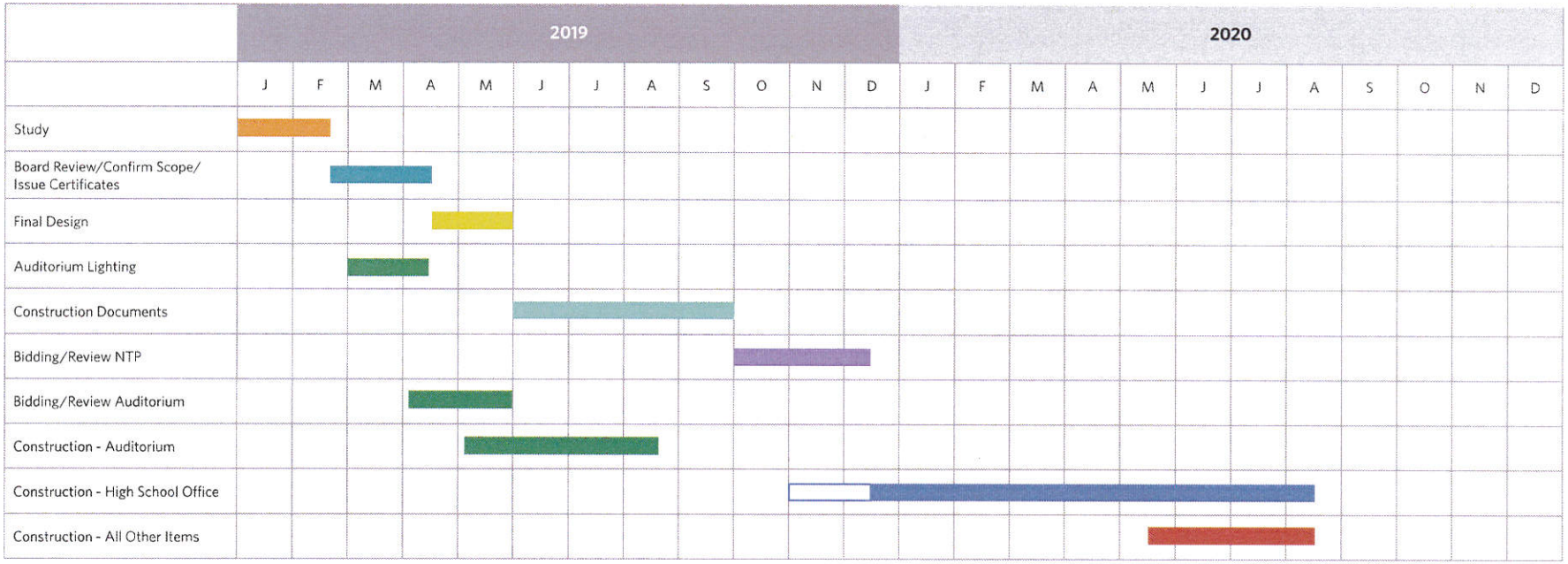


1/8"=1'-0"

6.2
Product options.



EXAMPLE | 1-INCH FABRIC ACOUSTICAL WALL PANEL


2019
2020
J F M A M J J A S O N D J F M A M J J A S O N D
Study
Board Review/Confirm Scope/ Issue Certificates
Final Design
Auditorium Lighting
Construction Documents
Bidding/Review NTP
Bidding/Review Auditorium
Construction - Auditorium
Construction - High School Office
Construction - All Other Items

PRELIMINARY STATEMENT OF PROBABLE COST- TOTAL FACILITIES IMPROVEMENTS
March 11, 2019

New Phone System (direct with vendor)	40,000
CCTV Relocations (direct with vendor)	10,000
High School Entrance/ Office	1,493,745
High School HVAC Replacement	772,757
High School Restrooms (including SPED)	465,706
High School Finishes	471,481
High School Auditorium Lighting	403,490
Campus PA system	161,130
Vocational School Restrooms	143,813
Middle School Offices	177,792
Middle School Restrooms	48,723
Middle School Lockerrooms	67,210
Middle School Auxiliary Gym Flooring	81,102
Middle School Canopy	133,255
Washington Elementary Commons Acoustics	28,703
TOTAL CONSTRUCTION	**4,498,908**

PRELIMINARY STATEMENT OF PROBABLE COST- HIGH SCHOOL RESTROOMS
March 11, 2019

Demolition		28,115
Substructure- patching		3,004
Interior Construction- new restrooms, bar/ prep area, wood floor, paint, misc		136,737
Mechanical- HVAC, plumbing, sprinkler		119,546
Electrical- new power and lighting		30,803
Specialties		36,559
Contingency (15%)		53,215
Construction Reserve	5.0%	20,399
Subtotal Construction		**428,379**
cost per square foot		$245
Testing/Miscellaneous	1%	3,548
Other	1%	3,548
Professional Services (Estimate)	7.0%	29,987
TOTAL CONSTRUCTION		**465,706**

PRELIMINARY STATEMENT OF PROBABLE COST- HIGH SCHOOL OFFICE ADDITION
March 11, 2019

Demolition		83,278
Foundations		43,053
Substructure		10,326
Superstructure		48,150
Exterior Closure		182,532
Roofing		23,921
Interior Construction		290,783
Mechanical- new RTU, plumbing, sprinkler		240,471
Electrical- new power, data, lighting		98,946
Kitchen Equipment- conference		1,173
Specialties		40,074
Sitework		50,400
Contingency (15%)		166,966
Inflation to 2020 (3%)	3.0%	30,895
Construction Reserve	5.0%	64,004
Subtotal Construction		**1,374,973**
cost per square foot		$261
Testing/Miscellaneous	1%	11,131
Other	1%	11,131
Professional Services (estimate)	7.0%	96,248
TOTAL CONSTRUCTION		**1,493,745**

PRELIMINARY STATEMENT OF PROBABLE COST- VOCATIONAL TECH RESTROOMS
March 11, 2019

Demolition		10,153
Substructure- patching		1,502
Interior Construction		48,904
Mechanical- HVAC, plumbing, sprinkler		36,817
Electrical- new power and lighting		5,985
Specialties		13,037
Contingency (15%)		17,460
Construction Reserve	5.0%	6,693
Subtotal Construction		**140,551**
cost per square foot		$276
Testing/Miscellaneous	1%	1,164
Other	1%	1,164
Professional Services (Estimate)	7.0%	658
TOTAL CONSTRUCTION		**143,813**

PRELIMINARY STATEMENT OF PROBABLE COST- MIDDLE SCHOOL OFFICE
March 11, 2019

Demolition		18,184
Substructure- patching		469
Interior Construction		66,347
Mechanical- HVAC, plumbing, sprinkler		22,648
Electrical- new power, data, lighting		22,530
Kitchen Equipment		1,760
Specialties		258
Contingency (15%)		19,830
Inflation to 2020 (3%)	3.0%	3,966
Construction Reserve	5.0%	7,601
Subtotal Construction		**163,595**
cost per square foot		$102
Testing/Miscellaneous	1%	1,322
Other	1%	1,322
Professional Services (Estimate)	7.0%	11,452
TOTAL CONSTRUCTION		**177,792**

PRELIMINARY STATEMENT OF PROBABLE COST- MIDDLE SCHOOL RESTROOMS
March 11, 2019

Demolition		12,707
Structure		4,694
Interior Construction		6,102
Electrical- relocations		1,878
Specialties		11,735
Contingency (15%)		5,567
Construction Reserve	5.0%	2,134
Subtotal Construction		**44,816**
cost per square foot		$28
Testing/Miscellaneous	1%	371
Other	1%	371
Professional Services	7.0%	3,137
TOTAL CONSTRUCTION		**48,723**

PRELIMINARY STATEMENT OF PROBABLE COST- MIDDLE SCHOOL LOCKERROOMS
March 11, 2019

Demolition		9,429
Foundations		5,867
Substructure- patching		1,690
Superstructure		14,082
Interior Construction		5,116
Specialties		15,020
Contingency (15%)		7,681
Construction Reserve	5.0%	2,944
Subtotal Construction		**61,829**
cost per square foot		$29
Testing/Miscellaneous	1%	512
Other	1%	512
Professional Services (Estimate)	7.0%	4,328
TOTAL CONSTRUCTION		**67,210**

PRELIMINARY STATEMENT OF PROBABLE COST- HIGH SCHOOL AUDITORIUM LIGHTING
March 11, 2019

Demolition		10,403
Interior Construction		8,332
Electrical- new lighting and controls		284,564
Contingency (15%)		45,495
Construction Reserve	5.0%	17,440
Subtotal Construction		**366,233**
cost per square foot		$61
Testing/Miscellaneous	1%	3,033
Other	1%	3,033
Professional Services (Estimate)	8.5%	31,130
TOTAL CONSTRUCTION		**403,490**

PRELIMINARY STATEMENT OF PROBABLE COST- HIGH SCHOOL HVAC REPLACEMENT
February 25, 2019

Demolition		8,132
Interior Construction- included with ceiling work		0
Mechanical- RTU's with zone dampers, plumbing, controls		595,531
Electrical		23,469
Contingency (10%)		61,214
Construction Reserve	3.0%	20,693
Subtotal Construction		**710,447**
cost per square foot		$7
Testing/Miscellaneous	1%	6,285
Other	1%	6,285
Professional Services (Estimate)	7.0%	49,731
TOTAL CONSTRUCTION		**772,757**

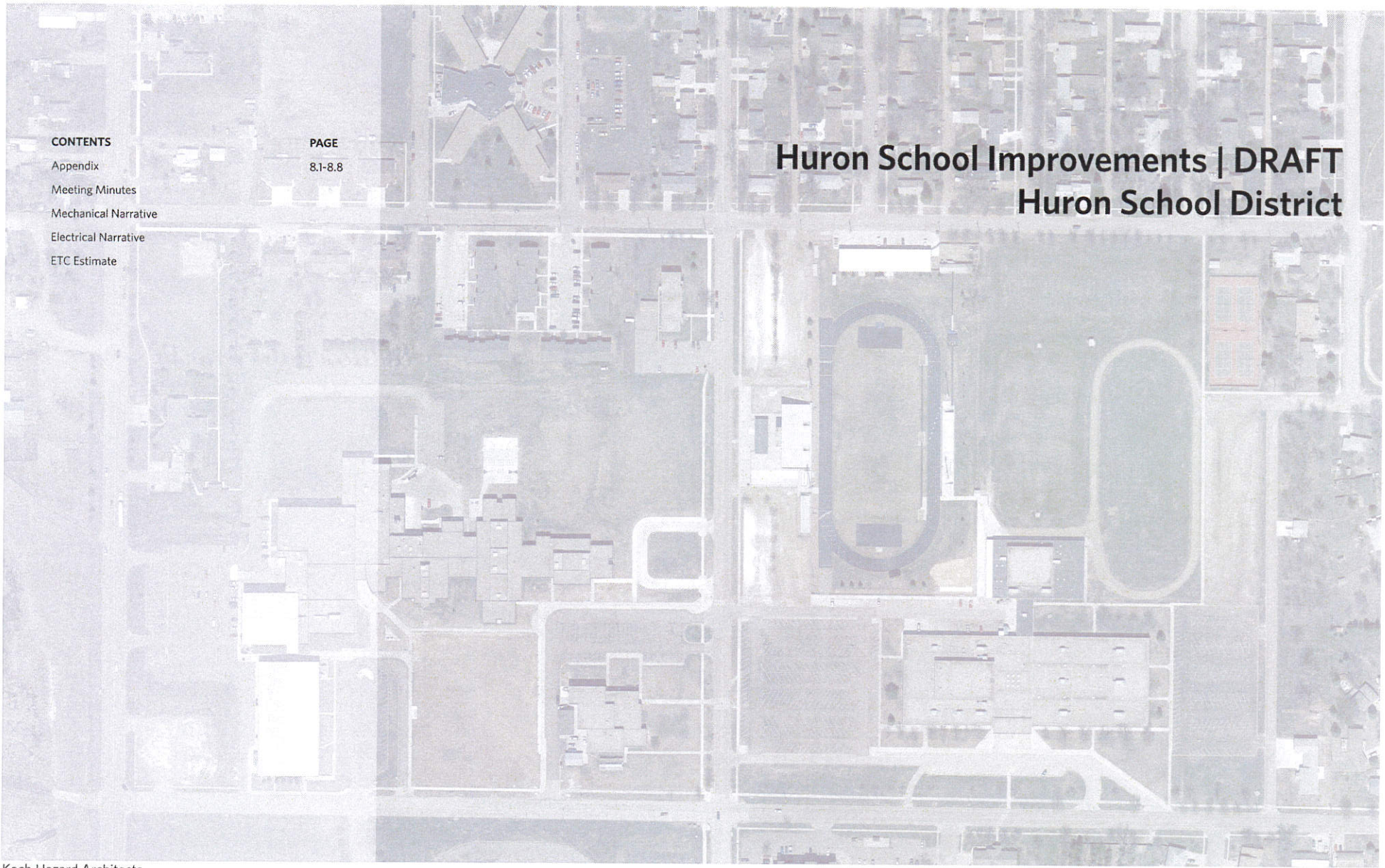
PRELIMINARY STATEMENT OF PROBABLE COST- MIDDLE SCHOOL CANOPY
March 11, 2019

Demolition		13,417
Foundations		21,621
Superstructure		28,926
Exterior Closure		19,949
Roofing		12,820
Electrical- new power, data, lighting		4,048
Sitework		2,934
Contingency (15%)		10,371
Inflation to 2020 (3%)	3.0%	2,709
Construction Reserve	5.0%	5,704
Subtotal Construction		**122,499**
cost per square foot		$107
Testing/Miscellaneous	1%	1,037
Other	1%	1,037
Professional Services (estimate)	7.0%	8,575
TOTAL CONSTRUCTION		**133,255**

PRELIMINARY STATEMENT OF PROBABLE COST- HIGH SCHOOL FINISHES
February 25, 2019

Demolition- assumes no certified asbestos abatement		59,537
Flooring		70,408
Ceilings		136,121
Lab Countertops- solid surface		108,428
Specialties- Door hardware and projection screen		8,214
Contingency (15%)		37,930
Construction Reserve	5.0%	21,032
Subtotal Construction		**441,670**
cost per square foot		$74
Testing/Miscellaneous	1%	3,827
Other	1%	3,827
Professional Services (Estimate)	5.0%	22,083
TOTAL CONSTRUCTION		**471,481**

Alternates:		ADD(DEDUCT)
# & NAME		
#1 Enhanced Resilient Tile		42,509
TOTAL ALTERNATES		**$42,509**
Professional Services	5.0%	2,125
TOTAL CONSTRUCTION AND ALTERNATES		**$513,990**



Huron School Improvements | DRAFT
Huron School District

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Mechanical Narrative	
Electrical Narrative	
ETC Estimate	

Koch Hazard Architects

February 25, 2019

KOCH • HAZARD
ARCHITECTS

Date: 13 December 2018

Project: **Huron Schools Improvements Study/ #1849**

Subject: Kick-off Meeting

Present: Roger Ahlers, HSD
Kelly Christopherson, Business Manager
Jolene Konechne, HSD
Terry Nebelsick, Superintendent
Mike Radke, HSD
Rex Sawvell, HSD
Jeff Hazard, KHA
Keith Thompson, KHA

To: Those Present
Norm deWit, ACEI
Brad Shoup, ACEI

This meeting was held to review initial scope for the Huron School District Facilities Improvements Study.

1. Project funding through capital outlay certificates.

2. HS entry/ office
   a. Addition at office- to south, modify entry at one side
   b. 1000 students projected within 10 years
   c. Add counselors- 3, desk and two guests
      i. Free up space for teachers work- leave walls in place, add copier
      ii. IT room to remain
      iii. Separate waiting/ reception
      iv. Display space in waiting
      v. File cabinet space
   d. 4 admin offices
      i. One assistant principal with view to commons
      ii. Second assistant principal with direct access to ISS
      iii. Principal office with view of drop off
         - Table for 6
         - Connect to main conference if feasible
   e. Admin conference room- 16 at modular tables
   f. Existing IT/ elec closet in admin suite, may be difficult to move
   g. Vault- secure fire protected room, 10 4-drawer cabinets letter-size and equal area for miscellaneous storage
   h. Nurse office to remain, along with restroom and staff restroom
      i. Need space for exam table, shelving and cabinet- existing space works
   i. ADA restrooms- 2 plus nurse
   j. Main office
      i. 3 workstations, includes one student
      ii. Two countertop printers
      iii. ID station
      iv. No need to salvage existing desk
      v. Large copiers in teacher workspace in suite
      vi. Waiting chairs for 8
   k. SRO office with security monitors, two guest chairs
      i. View of commons
      ii. Discrete exit for handcuffed students
   l. ISS room with three cubicles
   m. General storage for supplies
   n. Staff mail like existing, 70 boxes
   o. Secure entrance- eliminate east set of doors
   p. Like appearance of Brookings HS
      i. Consider curve like ES and MS

3. Mechanical
   a. 3 of 15 rooftop units are new
   b. Consolidate remaining units if possible
   c. Update controls
   d. Consider central boiler/ chiller
   e. Separate FACS exhaust from office suite

4. Restrooms
   a. Add privacy stalls at urinals in 2009 addition
   b. Complete replacement of original classroom groups
   c. Consider increasing fixture counts
   d. Consider improving access from auditorium
   e. Add unisex restroom in special ed room, incorporating changing table
      i. Existing room used for programming
   f. Consider visible sinks
   g. Can omit one entry in each classroom wing restroom
   h. Display cases can may be removed
   i. Restroom may expand into corridor
   j. Include new drinking fountains
5. Asbestos tile- remove and replace- VCT or LVT/ ERT

6. Phone/ intercom
   a. Existing not working satisfactorily
   b. Match MS with phones and speakers, confirm announcements work when phone in use
   c. New central systems for both MS and HS/ vocational
   d. Main lines currently at vocational school and serving all three buildings
      i. Caller ID issues

7. Science labs
   a. New counters- no harsh chemicals used
   b. No work in teacher storage
   c. Include new tops for lab tables
   d. New sinks
   e. Gas piping in good condition

8. Interior doors
   a. Existing classroom doors retrofitted with panics per code official , leaving holes
   b. State fire marshal referenced 20 person max- staff will forward report
   c. Consider coverplates or all new doors

9. Ceilings
   a. Replace old tile, grid to be selectively replaced
   b. Coordinate for projector and screen in commons

10. Carpet- no longer necessary due to office renovation
11. Paint- no separate work in this project; district will continue maintenance paint work

12. Vocational building
    a. Restrooms- increase size and provide accessibility
    b. 3 stalls per gender
    c. Consider visible sinks
    d. Request for indoor house construction
       i. Current house 30x54, 1920 sf max

13. Utilities
    a. Soil is corroding iron pipes around all buildings

14. MS
    a. Secure entry
    b. Reconfigure reception layout
    c. Larger conference- combine with principal
       i. Add fridge and counter/ sink
    d. Move principal toward main office, replace kitchenette
    e. No additional restroom
    f. Add door at ISS to office, and door to assistant principal
    g. Sport floor in auxiliary gym to match ES product
    h. Restroom renovation for privacy
    i. Stalls at urinals- may cause accessibility issue
    j. Consider revising locker room restrooms also, except pool area in Nordby Center
    k. Consider general locker room improvements, due to wear and tear
    l. May reduce lockers, eliminate islands
       i. Use traditional lockers

15. ES
    a. Music/ commons noise issues at all 3
16. Next steps:
    a. KH to develop initial concepts
    b. Owner to send vocational school plans and HS original plans
    c. Progress meeting to be scheduled in 2-3 weeks

END OF REPORT

Please carefully review this record and inform us immediately of any inaccuracies.

Sincerely,

KOCH HAZARD ARCHITECTS

Keith Thompson, AIA

KOCH · HAZARD
ARCHITECTS

Date: 14 January 2019

Project: **Huron Schools Improvements Study/ #1849**

Subject: Kick-off Meeting

Present: Roger Ahlers, HSD
Kelly Christopherson, Business Manager
Terry Nebelsick, Superintendent
Mike Radke, HSD
Rex Sawvell, HSD
Laura Willemssen, HSD
Damon deWit, ACEI
Chris Brockevelt, KHA
Keith Thompson, KHA

To: Those Present
Jeff Hazard, KHA
Brad Shoup, ACEI

This meeting was held to review progress for the Huron School District Facilities Improvements Study.

1. HS entry/ office
   a. Tub not required at nurse
   b. Add window to waiting at principal office
   c. Single staff RR is acceptable
   d. Entry addition to move as far south as needed to gain original footprint of commons
   e. Option C (preferred)
      i. No dedicated hall for east exit needed.
      ii. Exit only door ok out of counselor waiting or office or conference – Card access only.
      iii. Consider main entrance on east side, less congestion at entry. Prefer west as shown.
      iv. Need Counselor reception workstation.
      v. Access to main bathrooms to be on the north side.
   f. Option D
      i. Add workstation for counselor
      ii. No restrooms in commons, or make up lost seating spaces
      iii. Like option C RR location
   g. Commons size
      i. Have to clean entire commons for events
      ii. 2 periods starting next year
      iii. Recapture original footprint with new addition.
   h. Acoustic treatments TBD
   i. Existing IT
      i. Existing IT/ Elec closet in admin suite, may be difficult to move
      ii. Existing is cabling only, from closet 20 feet down west corridor
      iii. Existing is punch block type, new will be normal jacks
   j. Mechanical
      i. One for one rooftop unit replacement due to limited space
      ii. Separate FACS exhaust from office suite
      iii. May combine new office with replacement RTU just west of commons
   k. Restrooms
      i. Layout works as shown
      ii. Add privacy stalls at urinals in 2009 addition
      iii. Bottle filler at each high-low water cooler
   l. Phone/ intercom
      i. Scope clarified by email, estimate forthcoming
   m. Ceilings
      i. Replace old tile, grid to be selectively replaced
      ii. Reuse surface mount lights or replace with 2x4 LED lights. Limited ceiling space will likely dictate surface mount fixtures.
      iii. Coordinate for projector and screen in commons

2. Vocational Building Renovations
   a. Restrooms approved as shown, with chase for maintenance. Layout may not meet full ADA but existing space may allow some exceptions.
   b. 32' x 20' hanger door ok, ballpark cost is $50,000.
   c. May need additional pavement for turning radius of house moving trailer.
3. Middle School Renovations
   a. Principal office works next to conference, add window to waiting room
   b. ISS/ AP works
   c. Keep larger waiting room
   d. Future second SRO, pending grant, will use third counselor office- consider adding door to commons.
      i. Build out portion of storage just west of entry for SRO. SRO Conference & Storage
   e. Locker Rooms
      i. Columns ok to allow removal of bearing wall.
      ii. Use traditional lockers (double tier to match existing and fit in basket shelf areas)
      iii. Consider second emergency egress from boys LR, similar to Girls- review locations with Nordby Center administration.
      iv. Omit island lockers
   f. Remove doors and partial walls at house restrooms, along with adding partitions at urinals.
4. Auditorium lighting
   a. Have design ready – district will forward packet and contact
   b. Theatrical and house lighting, and controls
   c. Summer 2019
   d. Will have electrical work due to panel revision for electronic dimming
5. Schedule
   a. 2020 ok for construction documents issuance, except auditorium lighting- work to occur in summer 2019
6. ES
   a. Music/ commons noise issues at all 3 – verify tops of walls are properly sealed.
7. Next steps:
   a. KH to refine concepts and develop rough estimates
   b. Progress meeting to be scheduled in 2 weeks

END OF REPORT

Please carefully review this record and inform us immediately of any inaccuracies.

Sincerely,

KOCH HAZARD ARCHITECTS

Keith Thompson, AIA

KOCH · HAZARD
ARCHITECTS

Date: 31 January 2019

Project: **Huron Schools Improvements Study/ #1849**

Subject: Auditorium Lighting Meeting

Present: Steve Hirsch, MAS
Mark Olson, MAS
Brad Shoup, ACEI
Keith Thompson, KHA

To: Those Present
Damon deWit, ACEI
Chris Brockevelt, KHA

This meeting was held to review initial scope for the Huron School District Facilities Improvements Study- auditorium lighting.

1. Auditorium lighting
   a. Have design ready – district will forward packet and contact
   b. Theatrical and house lighting, and controls
   c. Summer 2019
   d. Will have electrical work due to panel revision for electronic dimming
   e. DMX control
   f. Replace push buttons
   g. Simple stage control
   h. New lighting console at control room
   i. ETC lighting as basis of design
   j. No follow spots planned
   k. Issue 4/1, award by 5/1, shops submit 6/1, order by 6/15, deliver by 8/1, install complete by 8/15
   l. Alternates for moving lights, follow spots
   m. Verify aisle lighting
   n. Check 2006 project photos
   o. Remove stage selector unit, owner will have to purchase wireless Communications system. Verify curtain controls.
   p.
2. Next steps:
   a. MAS to forward initial estimates
   b. Progress meeting to be scheduled after school board approves project

END OF REPORT

Please carefully review this record and inform us immediately of any inaccuracies.

Sincerely,

KOCH HAZARD ARCHITECTS

Keith Thompson, AIA

MECHANICAL SYSTEMS BASIS OF DESIGN
HURON HIGH SCHOOL 2019 IMPROVEMENTS
HURON, SD
FEBRUARY 18, 2019

A. GENERAL REQUIREMENTS:

1. All mechanical work shall comply with the following guidelines:

   a. State and Local Plumbing Codes.
   b. International Mechanical Code.
   c. National Fire Protection Association (NFPA).
   d. Sheet Metal and Air Conditioning Contractors National Association, Inc. (SMACNA).
   e. National Electric Code (NEC).
   f. Underwriters Laboratory (UL).
   g. American Gas Association (AGA) Standards.
   h. Uniform Plumbing Code (UPC).
   i. American Waterworks Association (AWWA).
   j. National Sanitation Foundation (NSF).
   k. Williams-Steiger Occupational Safety and Health Act of 1970 (OSHA).
   l. International Building Code (IBC).
   m. Americans With Disabilities Act (ADA).
   n. ASHRAE Standards 62.1 and 90.1.

2. All permits, licenses, and fees shall be obtained and paid for.

3. All air and water systems shall be properly cleaned, balanced and tested, ready for tenant occupancy.

4. Record drawings will be maintained and submitted to the Owner.

5. Operations and Maintenance Manuals (O&Ms) will be submitted to the Owner.

6. All work and equipment will be guaranteed for a minimum of 1-year

B. UTILITIES:

1. Building systems to be complete with all necessary services such as sanitary sewer and domestic water.

2. All piping material for the utilities shall be as required by the city of Huron, SD.

C. PLUMBING SYSTEMS:

1. Piping Systems - The following pipe material shall be used:

   a. Domestic Water Piping.

      1) In building above ground, 3 inches and smaller - type L hard copper.

   b. Soil, Waste, Rainwater and Vent Piping.

1) In buildings, underground – PVC or cast iron.
2) In buildings, above ground – cast iron, galvanized steel or PVC where allowed by codes.

c. Natural Gas.

1) 2 inch and smaller – schedule 40 black steel with screwed fittings.
2) 2 ½ inch size and larger and all natural gas piping in concealed locations – schedule 40 black steel with welded joints and fittings.

2. Freezeless wall hydrants with vacuum breakers will be provided.

3. Floor drains shall be installed in all toilet rooms, mechanical rooms and utility rooms.

4. Roof drains and overflow roof drains shall be sized and installed per code.

5. A recirculating hot water pump and piping system shall be installed.

6. Plumbing fixtures:

a. Water Closet:
China with flush valves, floor or wall mounted type.
b. Urinal:
China with flush valves, siphon-jet wall mounted type.
c. Lavatories:
Countertop or wall hung with faucet and grid strainer.
d. Electric Water Coolers:
Single level or Two-level wall hung, all stainless steel with electric refrigeration.
e. Mop Sink:
Fiberglass 24" X 24" receptor with wall hung faucet, hose and mop hangers.

7. Plumbing fixtures shall be ADA compliant as required.

D. HEATING, VENTILATING AND AIR CONDITIONING:

1. The existing multi-zone duct systems for the Administrative area shall be modified to accommodate the remodel to that area. Electric radiant panels shall be added to the Principal's office and conference room spaces.

2. The existing rooftop units that have not already been replaced shall be replaced on budget basis (10 total).

3. The controls for the existing rooftop unit zone dampers shall be replaced on a budget basis (13 total).

4. Design Criteria:

Summer Outdoor Temperatures	94/73 deg. F
Summer Indoor Temperatures	75 deg. F / 50% RH
Winter Outdoor Temperature	-15 deg. F
Winter Indoor Temperature	75 deg. F

5. All entrances shall be heated with electric cabinet unit heaters. Utility spaces shall be heated with propeller fan type electric unit heaters.

6. Air distribution shall be by means of overhead duct system, with distribution of air flow by means of ceiling registers and diffusers and with return air grilles in the return air plenum.

Electric radiant ceiling panels shall be provided at perimeter locations.

Each conference room, training room, unique room shall be a separate HVAC zone. Private offices of similar use and exposure will be grouped into a single HVAC zone.

All equipment, ductwork, etc., shall be selected and arranged to fit with ample space provided for proper maintenance, such as filter changing, etc.

A central building exhaust system shall be provided for toilet rooms.

Fire/smoke dampers or fire dampers and access panels shall be provided at all penetrations of fire and smoke separations as required.

7. Ductwork Systems:

a. All ductwork shall be installed per SMACNA Standards.

1) Supply and Return Ductwork:
Sheet metal lined with 1" ductliner and round ductwork with 1" external insulation.
Flexible duct connections shall be 8 feet maximum length.
2) Ventilation System Outside Air:
Sheet metal with 1-1/2" rigid external insulation. Provide drains in the ductwork adjacent to outside intake louvers.
3) Exhaust Systems:
Sheet metal with 1-1/2" blanket external insulation within 4 feet of the discharge through the building envelope. Provide drains in the ductwork adjacent to exhaust air louvers.
4) Ducts Exposed to Weather:
Sheet metal with 2" external rigid insulation with weatherproof jacket.
5) Underfloor Ducts:
PVC coated galvanized sheet metal.

8. Exhaust Units:

a. Roof mounted units shall be centrifugal units with weatherproof housing, backward curved aluminum wheel, rubber vibration isolators, bird screen, factory wired disconnect switch, heave-duty aluminum gravity backdraft damper, either adjustable pitch V-belt drive (over 300 cfm) or direct drive as required and AMCA certified ratings.

9. All motors larger than 1 horsepower shall be premium efficiency motors sized for non-overloading (pumps) or at 120 percent of the brake horsepower requirement.

10. Air Dampers:

a. Air damper blade edge seals shall be EPDM rubber and jamb seals shall be of the flexible

metal compression type. Dampers shall be AMCA certified for leakage. Modulating dampers shall be opposed blade.

E. PIPING INSULATION:

1. All pipe covering shall be furnished with a factory-applied all service jacket.
2. All piping exposed to outdoor weather conditions shall be additionally covered with 20 mil PVC jacket sealed watertight.
3. All insulation installations shall conform to ASHRAE Standard 90.1.
4. All fittings, valves, flanges and strainers shall be insulated and covered with premolded PVC plastic covers.

F. PIPING AND DUCT IDENTIFICATION:

1. Piping and ducts, insulated and non-insulated, except where concealed inside walls or below floors, shall have 1 inch high black letters designating the type of service and an arrow in the direction of flow.

G. BUILDING AUTOMATION:

1. Complete automatic temperature control and DDC building automation systems complete with a personal computer workstation and color graphics shall be provided as manufactured by Seimens. Contractor installed systems purchased from a distributor will not be acceptable.

ELECTRICAL SYSTEMS NARRATIVE
Huron High School 2019 Improvements
ACEI Project No. 119003

A. CODES AND REGULATIONS:

1. Design of the facility will comply with the current edition of the National Electrical Code (NEC) and with local codes and regulations. Apparatus, equipment, materials, and installation will conform with standards of the National Electrical Manufacturers Association (NEMA), Underwriters Laboratories, Inc. (UL), Institute of Electrical and Electronic Engineers (IEEE), Illuminating Engineering Society (IES), The National Board of Fire Underwriters (NBFU), the National Fire Protection Association (NFPA), Occupational Safety and Health Act (OSHA), and the Department of Energy, 10 CFR Part 435.

B. MAIN SERVICE EQUIPMENT:

1. The existing service has adequate spare capacity to service the renovation/addition.

C. POWER DISTRIBUTION EQUIPMENT:

1. 480/277V. Panelboards will be provided to serve lighting and equipment loads. The distribution over-current devices will be circuit breakers. Spare circuit breakers and space for future devices will be provided.
2. 208/120V. Panelboards will be provided to serve general receptacle and equipment loads. The distribution over-current devices will be circuit breakers. Spare circuit breakers and space for future devices will be provided.

D. AUDITORIUM THEATRICAL DIMMING SYSTEM:

1. The existing theatrical dimming system and house lights shall be removed. New electrical systems include an architectural/theatrical dimming system with associated devices and wiring, LED house lighting, and LED theatrical lighting fixtures.

E. WIRING METHODS AND MATERIALS:

1. All 120V and higher power circuits shall be run be run in metallic raceways. Low voltage control and system wiring may be run "free-air" where not exposed. Where cable is run "free air" in accessible lay-in tile ceiling spaces, the cable shall be rated for the intended use (plenum rated), run in cable tray where possible or shall be neatly run and supported, using acceptable means to ensure reliable installation and performance.
   a. Install exposed cable parallel and perpendicular to surfaces or exposed structural members, and follow surface contours where possible.
   b. Install sleeves for cable penetrations of concrete slabs and walls unless core-drilled holes are used. Install sleeves for cable penetrations of masonry and fire-rated gypsum walls and of all other fire-rated floor and wall assemblies. Install sleeves during erection of concrete and masonry walls.

c. Secure and support cable at intervals not exceeding 8 feet and not more than 12 inches from cabinets, boxes, fittings, outlets, racks, frames, and terminals.

d. Cables shall not be laid on or draped across any ceiling tiles, grids, electrical or mechanical fixtures. Maintain at least a 2 foot separation between the communications cables and fluorescent or HID lighting circuits.

2. Conduit: Rigid steel, EMT, PVC and flexible metallic conduit shall be used per NEC limitations. PVC will only be used underground with rigid metallic ells through floor slabs. Flexible metallic conduit will only be used for connections to motorized equipment, transformers and lighting fixture whips. Liquid-tight flexible conduit shall be used where appropriate.

3. Conductors: Minimum size of wire for power and lighting will be No. 12 AWG. Design will be based on use of copper conductors. Aluminum conductors will generally not be permitted. Conductors for light and power wiring shall be color coded per industry standards.

F. WIRING DEVICES

1. Convenience Outlets:

a. General: Two pole, 3 wire, 20 ampere, 125 volt, specification grade duplex receptacle, grounding type, gray outlets will be provided for general convenience receptacles. Receptacles shall be tamper resistant where required by the NEC. Special outlet provisions will be specifically addressed on the drawings.

2. Switches:

a. General: Toggle switches will be gray, 20 ampere, specification grade.

3. Coverplates:

a. General: Coverplates for devices shall be satin finished stainless steel in all finished areas. Galvanized plates may be used for equipment rooms and unfinished spaces.

G. INTERIOR LIGHTING:

1. General: Facility lighting will be designed with conventional lighting units using IES recommended foot-candles for tasks to be performed.

2. Lighting Fixtures: Selection of commercial lighting fixtures for various rooms and areas will be in accordance with industry standards. Luminaires shall be LED type.

3. Switching: Lights will generally be controlled from local wall switches.

4. Emergency Lighting: Emergency lighting will be provided at exits, paths of egress, and elsewhere required by code. Emergency power will be provided through the use of the existing emergency lighting system (generator).

5. Exit Signs: Internally illuminated LED exit signs will be provided to mark locations of exits and exit routes as required to comply with fire code requirements. Exit signs shall be cast aluminum with black housing and brushed aluminum face(s).

H. MECHANICAL EQUIPMENT CONNECTIONS:

1. Feeders, branch circuits and connections will be provided for all mechanical equipment.

I. VOLTAGE DROPS:

1. Feeders and branch circuit conductors shall be sized for a maximum combined voltage drop of 5% from power source to the farthest load.

J. FIRE ALARM SYSTEM (Conventional Type):

1. Method of Fire Protection: The existing system will be expanded and consist of pull stations, detectors and appropriate signal devices as required per appropriate codes.

K. PUBLIC ADDRESS SOUND SYSTEM:

1. A mixer/amplifier will be provided and be interfaced with the owner's telephone system. Paging speakers will be provided in public spaces (hallways, gym, auditorium, restrooms, commons, etc…).

L. CLOCK AND CLASS CHANGE SIGNALING SYSTEM:

1. A new masterclock and wireless synchronized clocks shall be provided. Class change bells will be provided in public spaces (hallways, gym, auditorium, commons, etc…).

M. TELEPHONE/DATA CABLING AND TERMINATION SYSTEM:

1. New cabling and outlets will be provided as required for the renovation/addition. The system shall be a category 6 certified system.

END OF SYSTEMS NARRATIVE

Bill of Materials

For

Huron High School

Huron, South Dakota

February 20, 2019

Quotation # 130046787.1.0

All equipment where applicable standards have been established shall be built to the standards of Underwriters Laboratories Inc., the National Electrical Code, the United States Institute for Theatre Technology and the American National Standards Institute. Approved equipment shall be so labeled on delivery to the job site.

This quotation is based on a bill of materials received from Mark Huron with MAS Productions on February 1st, 2019.

I. Power Control Devices to consist of:

A. Echo Relay Panel to consist of:

1	7123A1012	**ERP24** - Unison Echo Relay Panel with: Painted Steel Enclosure (no door) 120/208V three-phase main lug input 24-space relay sub-panel (24 installed one pole relays) 30-space breaker sub-panel (24 installed one pole breakers) Breaker sub-panel includes 1 installed one pole breaker for control electronics Integral control processor w / 1 DMX input UL924-listed control bypass input 3 option card spaces 1 - Net interface
1	7123A1703	**ERPA-SMD** - Unison Echo Relay Panel Surface Mount Door Front panel and door assembly with no overhang For 277V ERP

B. SC1008 – Branch Circuit Emergency Lighting Transfer Switch (BCELTS) to consist of:

1	7180A1210	**SC1008** - Branch Circuit Emergency Lighting Transfer Switch (BCELTS) to consist of: Single 20A circuit UL1008 emergency transfer 120-277V input Control loop for 0-10V or DALI Closed contact fire alarm input Test button and Laser Test light sensor

C. Emergency Accessories to consist of:

1	7180A1200	**EBDK** - Emergency Bypass Detection Kit

II. Distribution Devices to consist of:

A. ColorSource Connector Strips to consist of:

4	QUOTE-30061	**CRS-9950-(12BO/6)(3X/1)-R-115** - ColorSource Connector strip 50'-0" long with: 12 – panel mount 20A Stage Pin (2P&G/GPC) connectors wired on 6 - 20A circuits 3 – XLR-5FDM3 DMX out connectors wired on 1 universe 11 – hanging brackets
3	QUOTE-30061	**CRS-9908-(4BO/4)(2X/1)-R-115** - ColorSource Connector strip 8'-0" long with: 4 – panel mount 20A Stage Pin (2P&G/GPC) connectors wired on 4 - 20A circuits 2 – XLR-5FDM3 DMX out connectors wired on 1 universe 3 – hanging brackets
7	7199A2106	**CSR GIJB** - Gridiron Junction Box with mounting hardware and terminals for (6) 20A circuits

III. Equipment Racks to consist of:

A. Control Equipment Rack to consist of:

1	QUOTE-10031	**RACK** - Black 19" rack sized as job requires and to include: quad power box, and blank panels to fill
1	QUOTE-10032	**DOOR** - Door for Rack
1	SGN1256-M	**CISCO SG350-28P** - Cisco Switch - 24 RJ-45 ports of 10/100/1000 PoE+ (195W total allowance) - 2 combo ports of RJ-45 or mini-GBIC/SFP - 2 ports of mini-GBIC/SFP
1	QUOTE-10033	**PATCH PANEL** - 1U, 19" rack-mount custom patch panel (use for custom labeling and mixed fiber optic and UTP networks)
24	N2027	Cat5e Modular Jack for above Patch Panel
1	SGE1061	**MAP BR1** - 1U Brush Grommet Panel
24	N4035	2' CAT5 Patch cable, black
1	4267A1024	**RSN-TERM** - Response Four Port DMX\RDM Gateway with 4 terminal connectors
2	4267A1026	**RSN-TERM-RR** - Response Four Port DMX\RDM Gateway with 4 terminal connectors - With rack-mount kit
1	PJPS1012	**MAP 1000R** - 1000VA / 750W rack-mount UPS

IV. Architectural Control Devices to consist of:

A. Echo Inspire Control Stations to consist of:

2	7186A1006-4	**E1006-4** - Echo Inspire Button Station (Black) to include: - 6-button electronics assembly - Single gang decorator faceplate - Button label sheet - Installation hardware

V. Control Devices to consist of:

A. Element 2 – 1K control console to include the following:

1	4331A1011-US	**ELEMENT 2 1K** - Element 2 Console with 1024 Outputs to Include: 32,768 Control Channels 10,000 Cues 1 - Master Crossfader Pair 1 - High Resolution Level Wheel 40 - Pageable Channel/Playback Faders 2 - Ethernet Ports 4 - DMX Output Connectors Supports 2 External Display Port monitors Solid State Hard Drive USB Ports 1 – Element 2 - Dust Cover 1 - 6' Locking Power Cord Edison 1 - 3 Button Mouse

B. Control Console Accessories to consist of:

2	1094A1010	**ECPB DMXOUT / NET** - DMX Output / ETCNet Control Plug-in Station with: 1 - XLR-5FDM3 DMX Out Connector 1 - RJ-45 (568B) Connector in XLR case
2	QUOTE-10024	**ECPB DMXIN/DMXOUT/NET** - DMX Input / DMX Output / Net Control Plug-in Station with: 1 - XLR-5MDM3 DMX In Connector 1 - XLR-5FDM3 DMX Out Connector 1 - RJ-45 (568B) Connector in XLR case
4	1094A1034	**ECPB DMXOUT** - DMX Output Control Plug-in Station with: 1 - XLR-5FDM3 DMX Out Connector (labeled DMX OUTPUT)

VI. Manufacturer's Services to consist of:

- **A. Drawings for approval submitted within 6-8 weeks of receipt of order**
- **B. Two (2) year limited warranty on parts and workmanship with the exceptions called out in ETC's Terms and Conditions**
- **C. The services of a factory engineer to startup system are not included.**
- **D. The services of a factory engineer to startup system and instruct user personnel - such services to be supplied on 21 day notice**
- **E. Startup services do not include CCIP and OCIP claims**
- **F. Production requires 1-6 weeks for delivery of equipment after receipt of written approval and release**
- **G. Operation Manuals as required**
- **H. Complete As-Built drawings as required**
- **I. Eight hours of console training**
- **J. Four hours of console training**
- **K. One day of LightDesigner training**

VII. Notes and Clarifications

- **A. All flush mount back boxes, except for touchscreens, theatrical wiring devices, and where specifically noted are provided by others.**
- **B. This quotation excludes all installed cabling, interconnecting cables, and back boxes unless specifically listed.**
- **C. Delivery lead times will be advised at date of order.**
- **D. Please check with factory at time of order for ColorSource Connector Strips availability.**
- **E. Dimming systems utilizing the Emergency Bypass Detection Kit (EBDK) require normal/emergency feeds.**
- **F. Overcurrent protection of sense circuitry is to be installed in compliance with local electrical codes.**
- **G. Monitor(s), Control Cables, Control Plug in Stations, Console Worklights and all other console accessories not specifically listed herein are to be provided by others.**
- **H. Addressing of DMX controlled fixtures is not included. ETC shall be responsible for the origination of the control signal output from the last ETC supplied device. The integrity of the control signal between third party devices shall not be maintained or guaranteed by ETC.**
- **I. Pipe, rigging, multi-conductor cable and all other distribution accessories not specifically listed herein are to be provided by others.**
- **J. Fixtures and any accessories not listed herein are to be provided by others.**
- **K. Offline software shall be available via www.etcconnect.com.**
- **L. Please note that ETC specifically excludes prevailing wage reporting. Such reporting is the responsibility of the contractor, not ETC.**

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Visual Environment Technologies
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