Infrastructure Committee

AGENDA

Jefferson County Courthouse
320 S. Main Street, Room 112
Jefferson, WI 53549
September 26, 2012

1:30 p.m.

Committee Members

Richard Jones, Rick Kuhlman, Vice Chair, Russell Kutz, Don Reese, Chair, Dick Schultz, Secretary

1. Call to order
2. Roll call
3. Certification of compliance with the Open Meetings Law
4. Review of the Agenda
5. Public Comment
6. Approval of the September 5, 2012 and September 7, 2012 Infrastructure Committee meeting minutes
7. Communications
8. Discussion and possible action on repairs to the Sheriff's Annex building, as recommended by GMA Consulting Engineers
9. Presentation, discussion, and possible action on Security System for Human Services
10. Discussion and possible action on the final design and construction bidding for the Courthouse Security Entrance project
11. Discussion and possible action on the design and bidding for the Courthouse Bathroom Remodeling project
12. Closed Session per §19.85 (1)(e) Deliberating the purchase of public property
13. Reconvene in open session to take possible action on item discussed in closed session
14. Status report on the County's Offer to Purchase the old Countryside Home property
15. Status report on the Highway Department's Lake Mills satellite facility project
16. Potential items for the Committee's next meeting
17. Set tentative next committee meeting time and date
18. Adjourn

2012	2013
October 17th	January 16th
November 21st ?	February 20th
December 19th	March 20th
	April 17th

All meetings in Room 112 at 10:30 a.m. unless noted

The Committee may discuss and/or take action on any item specifically listed on the agenda

Individuals requiring special accommodations for attendance at the meeting should contact the County Administrator 24 hours prior to the meeting at 920-674-7101 so appropriate arrangements can be made

Jefferson County Board
Committee Minutes

#6

September 5, 2012
Infrastructure Committee

1. **Call to order**
   Meeting called to order by Supervisor Reese at 10:00 a.m.
2. **Roll call of Committee Members**
   Richard Jones, Rick Kuhlman, Russell Kutz, Don Reese, and Dick Schultz.

   Others Present: Gary Petre – County Administrator; Phil Ristow – Corporation Counsel;-John Molinaro – County Board Chairman; Karyn Spory, Reporter – Jefferson Daily Union; Tammie Jaeger – Administrative Assistant-Confidential; Supervisor Ed Morse; Mike Marasch – Central Services; Supervisor Walt Christensen; Sgt. Sharee Behm; Bill Kern – Highway Commissioner.

3. **Certification of compliance with the Open Meetings Law**
   The County Administrator reported that the meeting agenda was properly noticed in compliance with the law.
4. **Review of the Agenda**
5. **Public Comment**
   Rick Kuhlman thanked the committee for moving the meeting time to accommodate his schedule.
6. **Approval of the August 15, 2012 Infrastructure Committee meeting minutes**
   Motion made by Supervisor Schultz; Second by Supervisor Kuhlman to approve the August 15, 2012 Infrastructure Committee meeting minutes as printed. Ayes-All (Motion Carried).
7. **Communications**
   - Resolution "Approve contract for Clerk of Court's computer wiring"
8. **Discussion and possible action on bids to replace CCAP wiring for the courts**
   Phil Ristow distributed a resolution with information on bids for the CCAP wiring project. The low bidder was Carroll Electric in the amount $35,529. The Clerk of Courts has sufficient funds in the 2012 budget to pay for this project.

   Motion made by Supervisor Kuhlman; Second by Supervisor Jones to approve Carroll Electric's bid to do the CCAP wiring for the Courts in the amount of $35,529. Ayes-All (Motion Carried).

9. **Security entrance design update**
   Gary Petre told the committee that Pete Weston from Design Alliance is working on final security entrance designs. The final designs should be ready for approval at the next meeting.

10. **Courthouse bathroom remodeling project update**
    Mike Marasch explained that they are waiting for drawings from the design engineer. The women's restroom cannot be extended into the lobby area due to HVAC and other utilities that are located in that area, but the design engineer will attempt to keep the same number of stalls as we currently have.

11. **Closed Session per §19.85 (1)(e) Deliberating the purchase of public property**
    Motion made by Supervisor Reese; Second by Supervisor Schultz to convene in closed session to deliberate the purchase of public property. (Roll Call Vote was taken - Ayes-All) Motion Carried.
12. **Reconvene in open session to take possible action on item discussed in closed session.**
    Motion made by Supervisor Schultz; Second by Supervisor Jones to reconvene in open session to take possible action on item discussed in closed session Ayes-All (Motion Carried).

    Motion made by Supervisor Reese; Second by Supervisor Kuhlman, to meet again on Friday, September 7, 2012 at 7:30 a.m. to convene in closed session to discuss this item.

13. **Potential items for the Committee's next meeting**
    - Approval of the September 5, 2012 Committee meeting minutes
    - Closed Session per §19.85 (1)(e) Deliberating the purchase of public property
    - Reconvene in open session to take possible action on item discussed in closed session.

14. **Set tentative next committee meeting time and date:** September 7th, 2012 at 7:30 a.m.; September 19, 2012 at 1:30 p.m.

15. **Adjourn**
    Supervisor Kuhlman made a motion to adjourn; Second by Supervisor Jones at 10:50 a.m. Ayes – All (Motion Carried).

Jefferson County Board
Committee Minutes

#6

September 7, 2012
Infrastructure Committee

1. **Call to order**
   Meeting called to order by Supervisor Reese at 7:31 a.m.
2. **Roll call of Committee Members**
   Richard Jones, Russell Kutz, Don Reese, and Dick Schultz. Rick Kuhlman arrived at 7:34 a.m.

   Others Present: Gary Petre–County Administrator; Phil Ristow–Corporation Counsel; Supervisor John Molinaro–County Board Chairman; Supervisor Ed Morse; Supervisor Walt Christensen; and Supervisor Greg David.

3. **Certification of compliance with the Open Meetings Law**
   The County Administrator reported that the meeting agenda was properly noticed in compliance with the law.
4. **Review of the Agenda**

   The County Administrator reported that item #6 would need to be rescheduled on the Committee's next agenda.
5. **Public Comment**
   None.
6. **Approval of the August 5, 2012 Infrastructure Committee meeting minutes**
   No action was taken.
7. **Communications**
   None.

8. **Closed Session per §19.85 (1)(e) Deliberating the purchase of public property**
   Motion made by Supervisor Reese; Second by Supervisor Jones to convene in closed session to deliberate the purchase of public property. (Roll Call Vote was taken - Ayes-All) Motion Carried.
9. **Reconvene in open session to take possible action on item discussed in closed session.**
   Motion made by Supervisor Schultz; Second by Supervisor Jones to reconvene in open session to take possible action on item discussed in closed session. Ayes-All (Motion Carried).

   Motion made by Supervisor Kuhlman; Second by Supervisor Schultz, to send a resolution to the County Board with the bank's Counter Offer to approve, without certain contingencies that were in the County's original Offer, and a recommendation not to approve the Counter Offer. Ayes-All (Motion Carried).

   Motion made by Supervisor Schultz; Second by Supervisor Kuhlman, to send a resolution to the County Board to approve a new Offer, with certain contingencies that were in the County's original Offer, and with an acceptance due date of September 25, 2012. Ayes-All (Motion Carried).
10. **Potential items for the Committee's next meeting**
    - Approval of the September 5 and 7, 2012 Committee meeting minutes.
    - Closed Session per §19.85 (1)(e) Deliberating the purchase of public property
    - Reconvene in open session to take possible action on item discussed in closed session.

11. **Set tentative next committee meeting time and date:** The Committee members agreed to change the next meeting date from September 19 to September 26, 2012 at 1:30 p.m.
12. **Adjourn**
    Supervisor Jones made a motion to adjourn; Second by Supervisor Kuhlman at 8:40 a.m. Ayes – All (Motion Carried).

#8

GMA Engineers

GUNNAR MALM & ASSOC INC
CONSULTING ENGINEERS

6402 Odana Road
Madison, WI 53719

STRUCTURAL CONDITION SURVEY

OF

JEFFERSON COUNTY SHERIFF'S ANNEX BUILDING

FOR

JEFFERSON COUNTY

320 SOUTH MAIN STREET

JEFFERSON, WISCONSIN

SEPTEMBER 18, 2012

Jefferson County Sheriffs Annex Building
Structural Condition Study

Table of Contents:

EXECUTIVE SUMMARY

Constructed in 1972, purchased by Jefferson County in 1997, the existing building serves as the Sheriff's Annex Building, providing supplemental office space, large and small item evidence storage and department equipment staging facility.

In the past, the building's roof leaked allowing water to enter the CMU block wall cores, saturating the cavity within the wall. The amount and location of areas of deterioration are dependent upon the source and volume of the water introduced within the walls. Subsequently over the years, the effects of freeze - thaw cycling has caused severe deterioration of portions of the structure. When this deterioration opens pathways on the exterior of the CMU wall, this will concentrate and accelerate the damage both by allowing exterior rain to enter and also allowing water vapor to exit these areas over time. Areas of severe deterioration include the northeast and southeast corners of the garage, the east jamb of the north overhead door, and the southwest corner of the office / storage area.

Our recommendations include the structural demolition and rebuild of portions of the building where severe deterioration has occurred (see locations described above). Isolated replacement of deteriorated CMU block and or face shells, including tuck-pointing of mortar joints, should be performed. Additionally we are proposing installing a new exterior cladding system comprised of a spray applied moisture barrier, rigid insulation and metal panel. This new cladding system will provide a barrier for water and move the current dew point location from the current exterior face of the CMU to outside of the new exterior moisture barrier, isolating the existing block from effects of freezing.

Estimated design and construction costs for this project are $370,000. Of these, $142,000 is for the proposed exterior cladding system, and if installed would reduce the amount and total cost of tuck-pointing required on the project.

By comparison the cost to demolish and rebuild a similarly size and type of building would be an estimated $1.56 million. (See the Estimate of Probable Costs for the complete breakdown of costs.)

INTRODUCTION

The building is located at the intersection of County Highway N and Bark River Road in the town of Fort Atkinson, Jefferson County, Wisconsin.

The building was constructed in 1972 for Wisconsin Telephone Company as a service garage for their truck fleet. Jefferson County purchased the building in January of 1997, for use by the Sheriff's Department providing supplemental office space, large and small item evidence storage and department equipment staging facility.

The building's leaking roof was replaced in July of 2003 with a Carlisle 60 mil. membrane, with an assumed 2" of rigid insulation. Deterioration of the wall systems was first observed around this time.

GMA Engineers was hired by Jefferson County Sheriff's Department to perform a structural conditions study of the building, including the investigation of the damage that has occurred to the exterior CMU walls and their related components. GMA performed site visits on March 30th and June 20th of 2012.

REVIEW OF DRAWINGS

Existing drawings by Collings Engineers, Inc. are dated April 17, 1972. Drawings were provided by Jefferson County Facilities Department for GMA use in this report. These drawings consist of a site plan, architectural plans, sections and elevations, a structural roof framing plan and M,E,P drawings.

The total building footprint is 12,848 square feet with overall dimensions of 146'-0" x 88'-0". The building can be divided into two separate areas. The main garage building's area is 9,685 square foot, with a footprint of 146'-0" x 66'-4". An office / storage portion with a low shed roof is attached to the entire west side of main building, 21'-8", with an area of 3,163 square feet.

The existing building reflects the layout and configuration of the design drawings, with only minor modifications including the removal of interior partition walls in the office area, the infill of a man door on the east elevation, and window modifications on the west elevation.

EXISTING BUILDING CONSTRUCTION DESCRIPTION

The building's structural system includes the following:

- Foundations:

  Continuous cast-in-place, steel reinforced concrete strip footings support bearing walls above. Exterior footings are 4'-0" below grade, interior footings are 1'-8" below the interior slab-on-grade. (Information on foundation elements hidden from view, are taken from original building documents)

- Bearing / Foundation walls:

  Main garage building walls are single wythe, stacked bond, partially reinforced 12" Concrete Masonry Units (CMU) extending from top of foundation footings to underside of roof deck. Height of east and west exterior bearing walls is 16'-5" above interior slab-on-grade. The top of north / south walls match the 1/8" per foot double pitched roof joist profile and terminate at the underside of the roof deck.

  The common wall which divides the garage from the office / storage area, is constructed identical to those described above, with bearing pockets supporting the west side of the low roof joists.

  The Office / storage building walls are constructed similar to the garage building described above only using 8" wide CMU block. Height of west exterior bearing walls is 11'-0" above interior slab-on-grade. The top of north / south walls follow the 1/8" per foot single pitched roof joist profile and terminate at the underside of the roof deck.

  Original plans shows insulation filled cores of the exterior CMU walls

- Roof Structure:

  The main garage roof framing is top chord bearing, steel bar joists @ 4'-0" O.C. spacing, with a single span of 64'-4". The steel joist bottom chord is horizontal with double pitched top chords sloping @ 1/8" per foot to a ridge at the centerline of the building. Bridging consisting of steel angles, brace the joists chords.

  The office / storage area roof framing is top chord bearing, parallel top & bottom chords, 14" deep steel bar joists @ 6'-0" O.C.. Roof framing members slope at 1/8" per foot. Bridging consisting of steel angles, brace the joists chords.

  Integrated into the low shed roof, over a mechanical room, is a section of 8" precast hollow core plank, with the top of plank matching the slope of the adjacent metal roof deck. This precast framing is to satisfy fire rating code requirements.

  Roof deck of both of the garage and office / storage buildings is 1 ½" thick corrugated decking, spanning the both the high and low roof bar joists framing. The only exception is over the mechanical room described above.

- Related building components:

  Interior non-bearing partition walls dividing the office / storage area are 8" CMU that terminate at the underside of the roof deck. The main garage building has no interior partition walls.

  Lintels within all CMU walls above doors and windows are typically reinforced CMU bond beams, with the exception at the north and south overhead doors are welded composite structural steel shapes.

  Interior office walls are furred out with studs, insulated and finished with drywall. Suspended acoustic ceiling complete the interior office finishes. All other interior room finishes are painted CMU walls.

  The exterior of building walls have unknown white coating.

OBSERVATIONS

The majority of the deterioration observed is confined to the exterior CMU block walls, which can be directly attributed to the previously leaking roof allowing water and migrating water vapor infiltration, saturating the wall cavity. The amount and location of areas of deterioration are dependent upon the source and volume of the water introduced within the walls. Subsequently over the years, the effects of freeze - thaw cycling has caused severe deterioration of portions of the structure. Areas of severe deterioration include the northeast and southeast corners of the garage, the east jamb of the north overhead door, and the southwest corner of the office / storage area.

The preceding areas are classified in two distinct conditions. First at low edge of the roof outside corners where flashing installation is complex. Second adjacent to the composite structural steel lintel, with two outside vertical members welded to a bottom plate, creating a gutter directing the water to adjacent opening jambs.

Trapped water and water vapor within the CMU wall's hollow cores are exposed to the dynamics attributed to the Wisconsin climate. Water inside the cavity wall can freeze in winter conditions causing damage due to the increased volume of ice. Additionally, in fall, winter and spring seasons where the outside ambient air is cool with low humidity, water vapor trapped inside walls is driven by the heated interior space to the exterior outermost face of the CMU wall. Water vapor concentrated here is exposed to cyclical freeze - thaw and the resulting damage. Failure of exterior coating, cracks in mortar joint and block, opens pathways on the exterior of the CMU wall. This will concentrate and accelerate the damage both by allowing exterior rain to enter and also allowing water vapor to exit these areas over time. The existing drawing shows wall cores to be filled with insulation, depending upon the type of insulation this may hold water adding to the problem.

Direct observations of foundation footings and walls hidden below grade are not included in this report. No signs of settlement, distress caused by foundation or soil bearing failure was observed.

RECOMMENDATIONS

- Bearing walls

  In general there are areas severe deterioration of the exterior walls incudes; cracked mortar joints, cracked CMU blocks, spalled or degraded exterior face of CMU block(s) caused by freeze / thaw action. These areas of severe deterioration are concentrated at the northeast and southeast corners, and the east jamb of the north overhead door of the garage, and the southwest corner of the office / storage area. A rebuild of these areas is required with shoring of the roof structure, bracing of adjacent walls to remain. Severely damaged CMU wall sections can then be demolished and rebuilt with new. The condition of the structural steel lintels above the overhead doors located on the north and south elevation need to be investigated once the Contractor can open portions of the wall for further inspections.

  The remainder of the building has moderate damage mostly confined to the exterior face of the CMU walls. These areas have large areas of cracked, deteriorated or failed mortar joints requiring tuck-pointing. Isolated CMU block deterioration is scattered throughout all walls. Restoration masons can repair these blocks by removal and replacement of the exterior face shell.

  The white coating on the exterior walls has extensive areas of blistering, cracking. The unknown coating product should be tested by a laboratory to identify the type of coating and possible lead content. The analysis of this coating will be required to establish the lead content to conform environmental regulations and OSHA requirements for the removal of damaged coating areas. Field testing of different types of surface preparation and removal operations, including pull off tests, will be required to assure bonding of the recommended spray applied moisture barrier to the existing coating.

The Interior face of the CMU walls are in good condition with some mortar joints requiring tuck-pointing. Water vapor drive has blistered areas of the interior paint coating concentrated lower 1/3 the wall, with efflorescent deposits on the underlying CMU. The efflorescent deposits can be removed for recoating with chemical washes available from masonry restoration chemical suppliers.

Mildew is present in the deteriorated corner of the evidence room. This most likely is caused by the excessive moisture within the wall. The existing HVAC system service to this room should be reviewed, monitored and if required modifications should be made to increase air flow to reduce humidity in this room.

- New Exterior Cladding System

  Additionally, we are proposing installing a new exterior cladding system comprised of a spray applied moisture barrier, rigid insulation and a metal panel. This new cladding system will provide a barrier for water and move the current dew point location from the current exterior face of the CMU to outside of the new exterior moisture barrier, thus isolating the existing block from effects of freezing.

- Gutters and Downspouts

  Leaking of gutters and damaged sections of downspouts have caused damage to the wall system. These systems should be replaced.

- Roof structure

  No damage is apparent to the steel bar joist or metal deck.

- Roofing

  Due to the recent installation of the roof system this was not inspected, no leaks were reported by facilities staff. Condition of the roof should be inspected by Carlisle product representative during the design of the roof edge extension required for the installation of the metal panel cladding system.

ESTIMATE OF PROBABLE COSTS

Due to the high security nature of the evidence stored on site, we have included in the construction estimate 2 shipping containers for temporary evidence storage while the exterior walls are being rebuilt. The estimate also includes post driven security fencing on the enclosing the construction site on the north, east and south sides, with two gates at the overhead doors. These items may need to be modified or eliminated to Owner's requirements.

The new exterior cladding system is based on site built components consisting of cold formed steel furring members, sheet rigid insulation and corrugated metal panels. Composite insulated metal panels or closed cell, spray applied polyurethane insulation are available and may reduce the total cost of system, these can be priced during design to verify. Additional cost reduction if exterior cladding system is installed would reduce the amount of tuck-pointing required on the project.

By comparison the cost to demolish and rebuild a similarly size (13,000 sf) and type of building on the same site would be as follows:

- Demolition and disposal are estimated at $290,000.
- A new building based on a per square foot construction cost of $97.50, would be $1.27 million.
- Total cost for demo and construction would be an estimated $1.56 million

OWNER'S MODIFICATIONS

During the design and construction of this project will provide an ideal opportunity to add features to the building that the users may need. These may include a corridor extending from the exterior door to the office area, isolating the visiting public from the main garage area. Possible security upgrades of vehicular barriers, new security doors and windows, or removal of windows from the evidence room. No modification costs are included within the attached estimate.

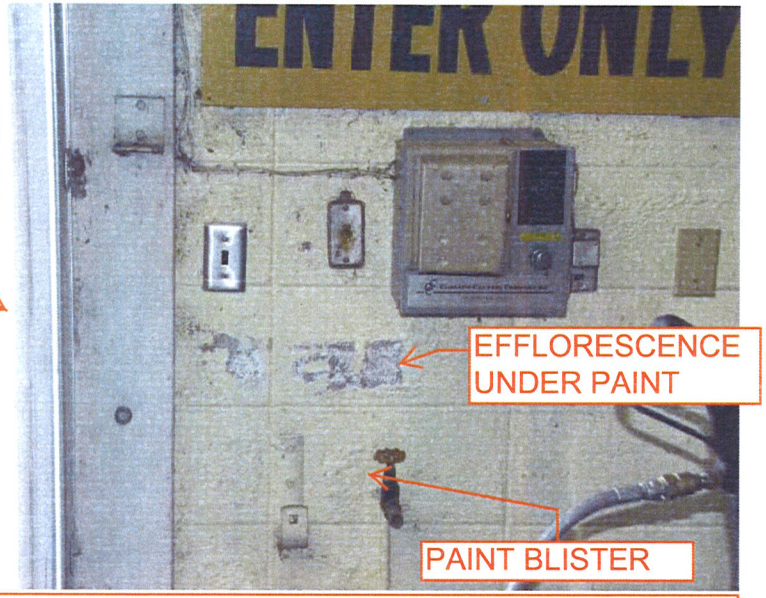
Masonry Restoration & Cladding - Estimate of Probable Costs

Jefferson County Sherrifs Annex Building
September 18, 2012

GMA Engineers

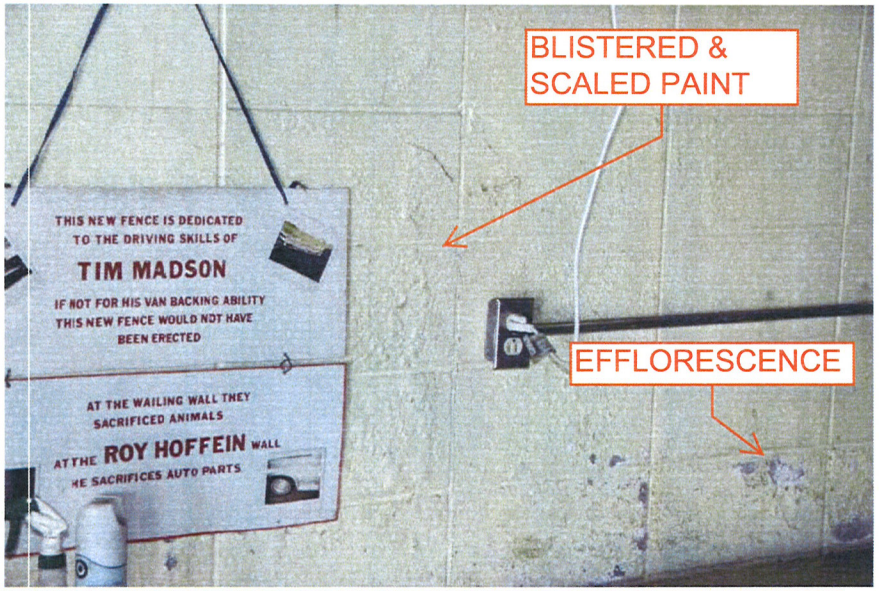
Type of Work	Repair Area	Unit	Unit Cost	Total
A. Conditions of the Contract				
1. General Conditions *Including Shoring, Bracing, Scaffolding & Lifts*				$65,500
2. Mobilization				$8,500
3. Performance Bond (Typically 3% of construction cost @ Owners option)				$8,500
4. Site and Laboratory Testing				$1,000
			Subtotal	**$83,500**
B. Logistics	Repair Area	Unit	Unit Cost	Total
1. Temporary Security Chain Link Fencing *See attached quote for additional information*				$4,800
2. Storage Containers *(2) Shipping containers 40'x8'x8' (rental for 30 days)*				$850
			Subtotal	**$5,650**
C. General Repairs	Repair Area	Unit	Unit Cost	Total
1. Miscellaneous Electrical & Mechanical work				$5,000
2. Landscape & Re-grading				$6,500
			Subtotal	**$11,500**
D. Masonry Repairs	Repair Area	Unit	Unit Cost	Total
1. Interior CMU Tuckpointing	650	LF	$8.00 LF	$5,200
2. Exterior Control Joint Sealant Removal & Replacement	280	LF	$10.00 LF	$2,800
3. Remove and Rebuild Deteriorated Masonry *Remove deteriorated masonry, tooth new into existing*	984	SF	$38.00 SF	$37,392
4. CMU Face Shell Removal and replacement	100	BLK	$25.00 EA	$2,500
5. Repoint Exterior CMU joints	5242	SF	$10.00 SF	$52,420
			Subtotal	**$100,312**
Exterior Cladding System	Repair Area	Unit	Unit Cost	Total
1. Powerwash Preparation for Air Barrier	7980	SF	$0.75 SF	$5,985
2. Spray Applied Air & Vapor Barrier	7980	SF	$3.00 SF	$23,940
3. 2" Rigid Insulation	7980	SF	$2.00 SF	$15,960
4. Painted, Corrigated Metal Wall Panel over Z girt furring	7980	SF	$8.50 SF	$67,830
5. Roofing & Flashing work	618	LF	$35.00 LF	$21,630
6. Gutter and Downspout Replacement				$6,000
			Subtotal	**$141,345**

Construction Subtotal	$342,307
Engineering, Design & Construction Administration	$27,385
Project Total	$369,692

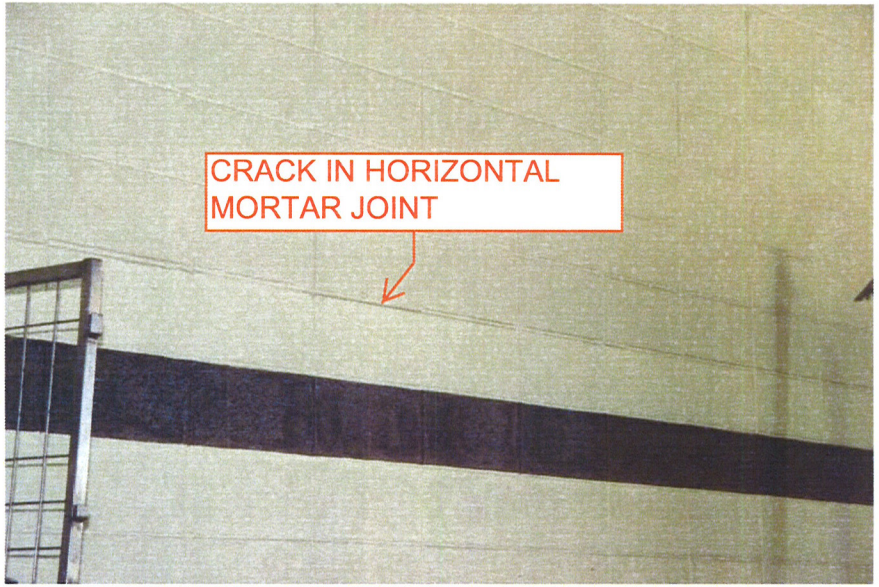


1.1 INTERIOR OF GARAGE BUILDING-NORTH WALL

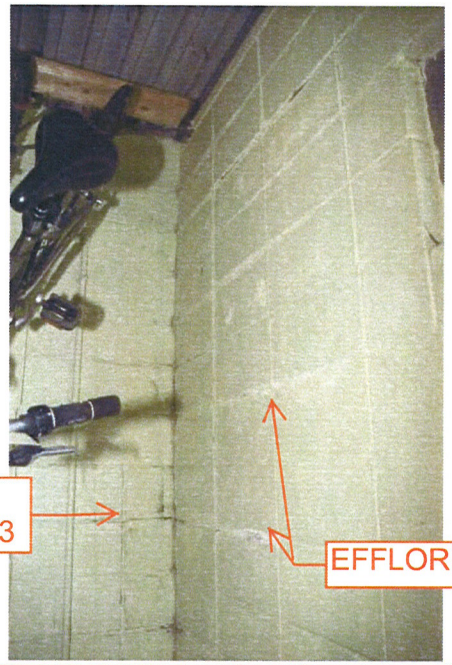
1.2 INTERIOR OF GARAGE BUILDING-NORTH WALL



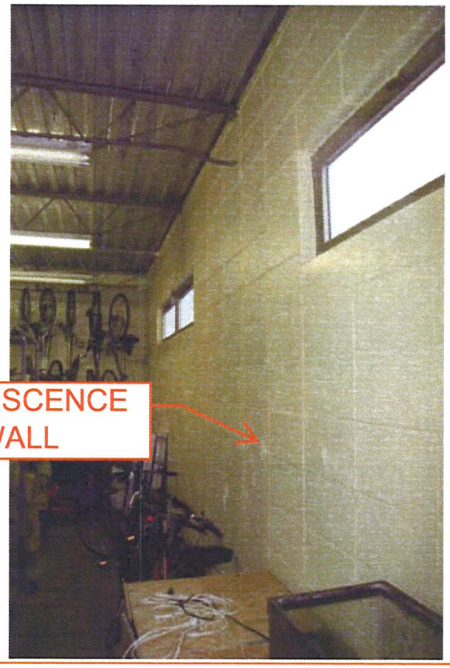
1.3 INTERIOR OF GARAGE BUILDING-EAST WALL



1.4 INTERIOR OF GARAGE BUILDING-EAST WALL



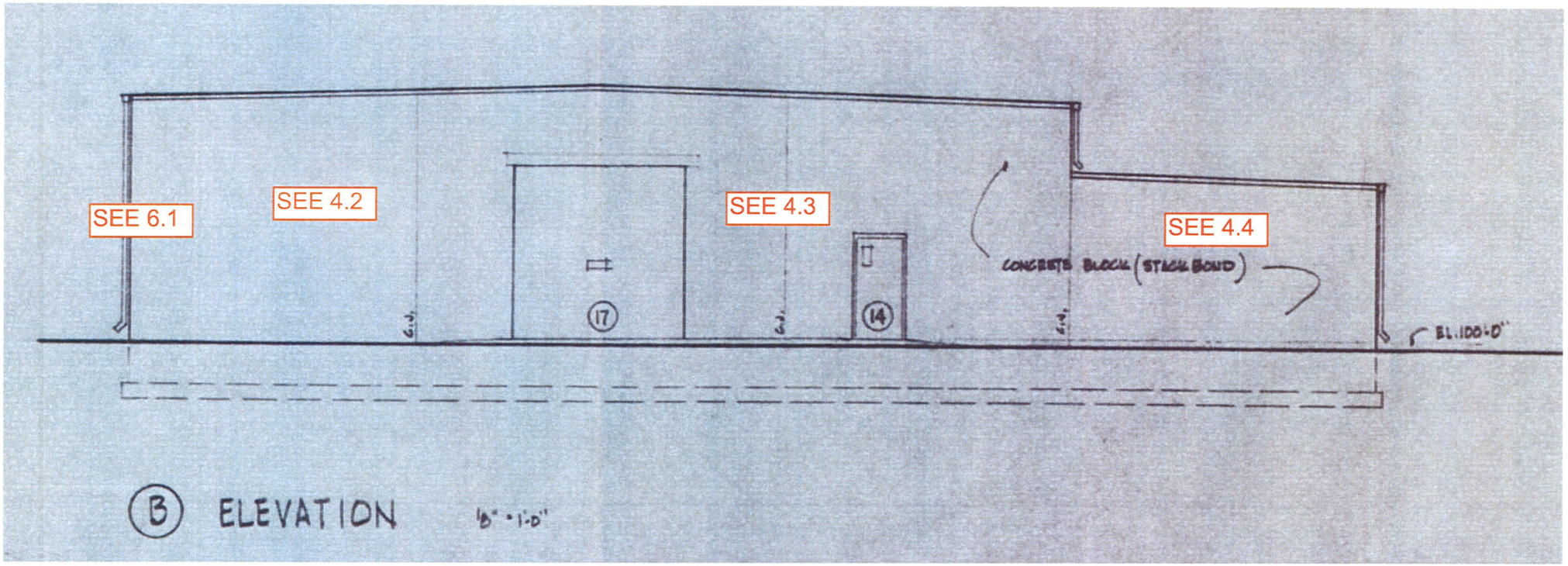
2.1 INTERIOR-SW CORNER OF EVIDENCE ROOM



2.2 INTERIOR-W WALL OF EVIDENCE ROOM

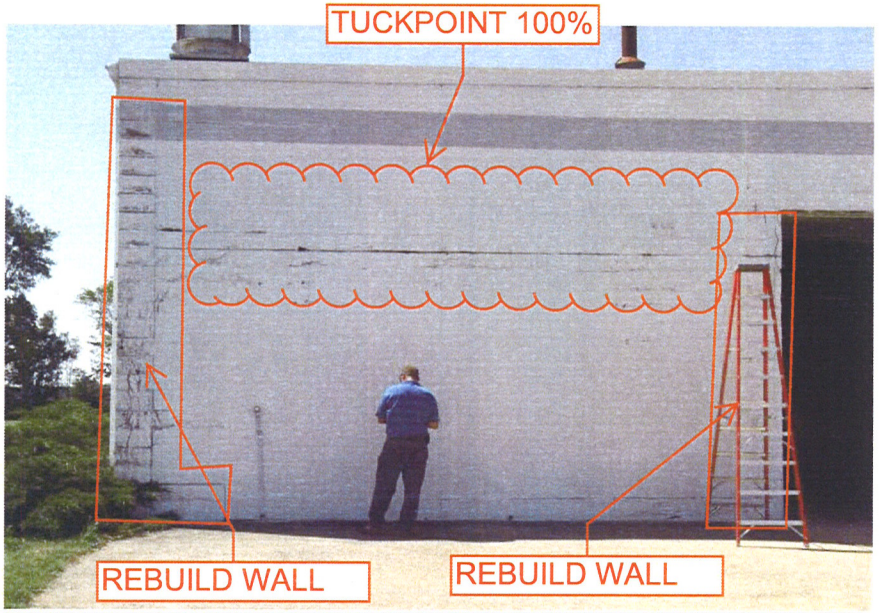
2.1 INTERIOR-SW CORNER OF EVIDENCE ROOM

2.2 INTERIOR-W WALL OF EVIDENCE ROOM

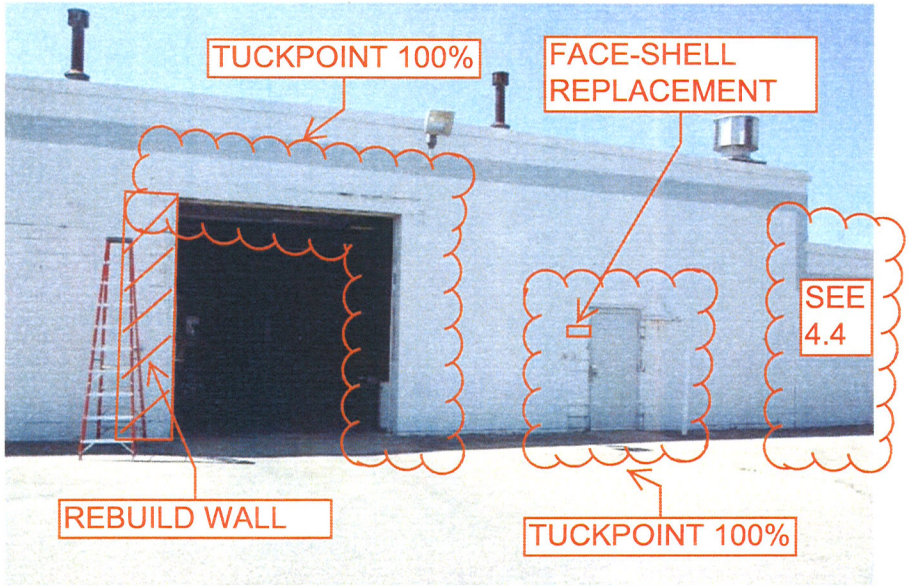


3.1 NORTH ELEVATION - ORIGINAL DRAWING (N.T.S.)

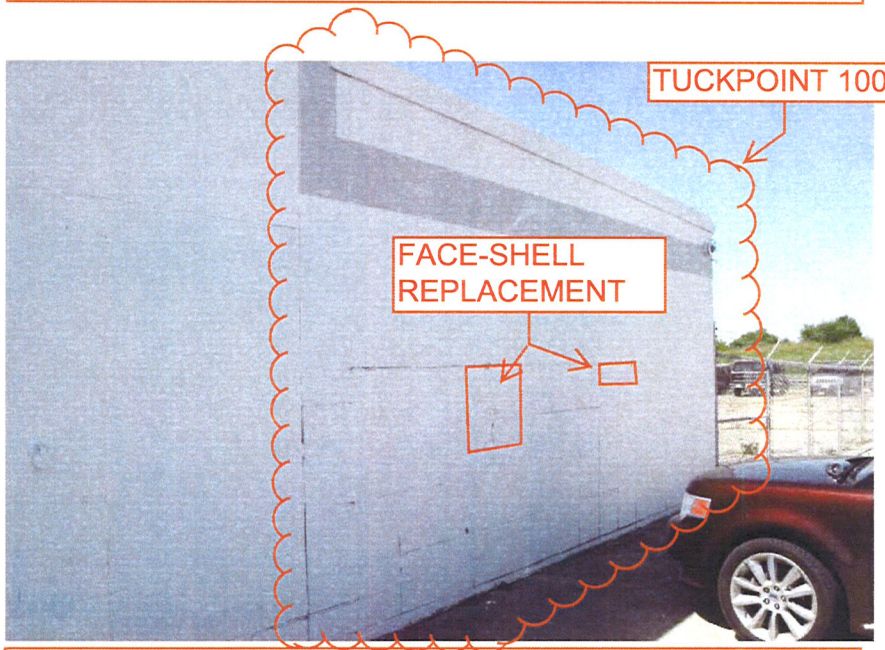
4.1 PARTIAL NORTH ELEVATION



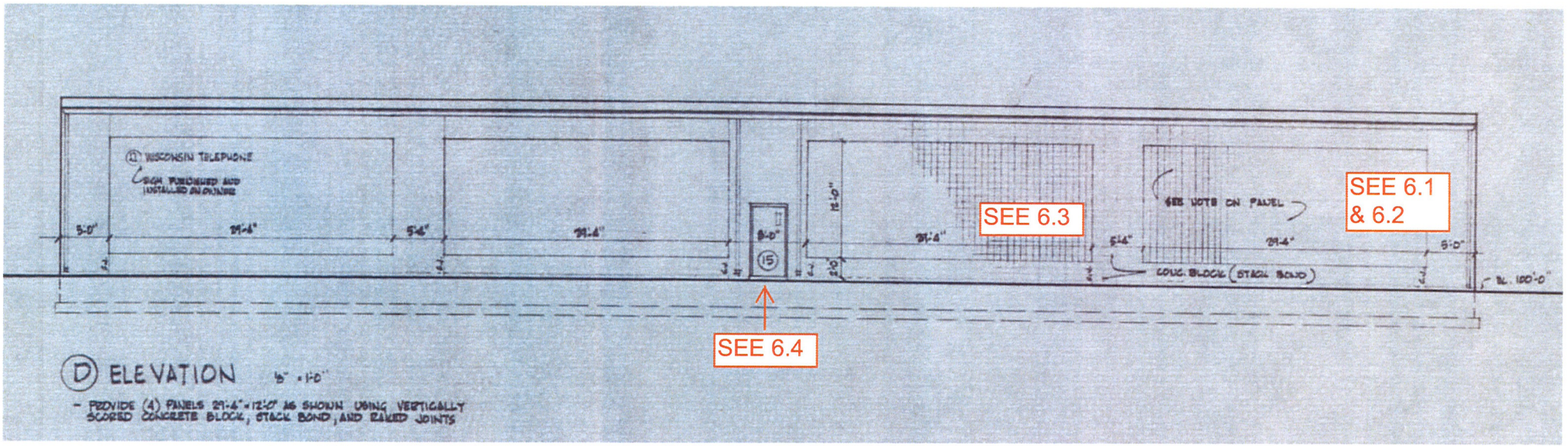
4.2 PARTIAL NORTH ELEVATION



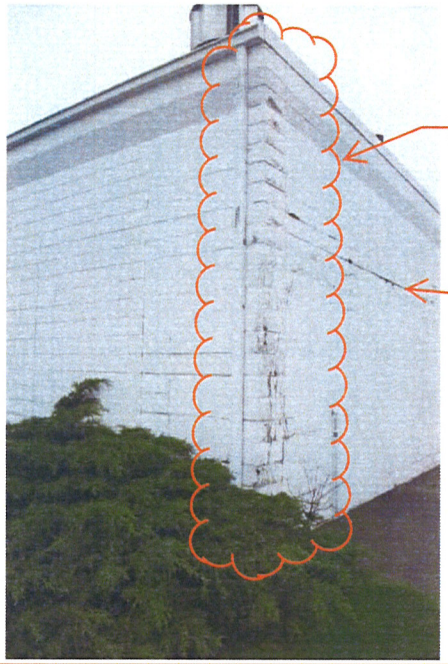
4.3 PARTIAL NORTH ELEVATION



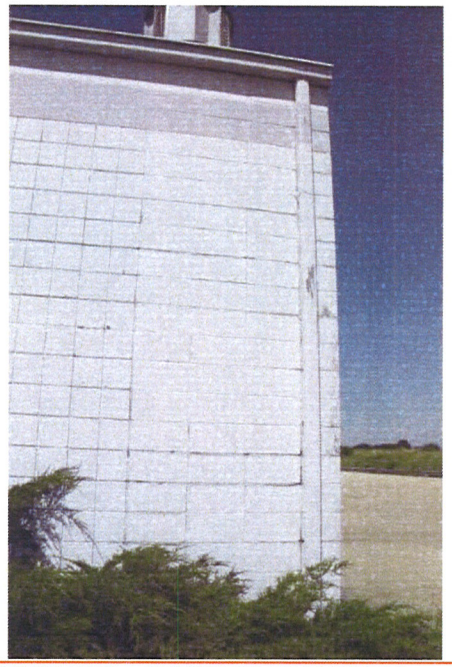
4.4 PARTIAL NORTH ELEVATION



5.1 EAST ELEVATION - ORIGINAL DRAWING (N.T.S.)

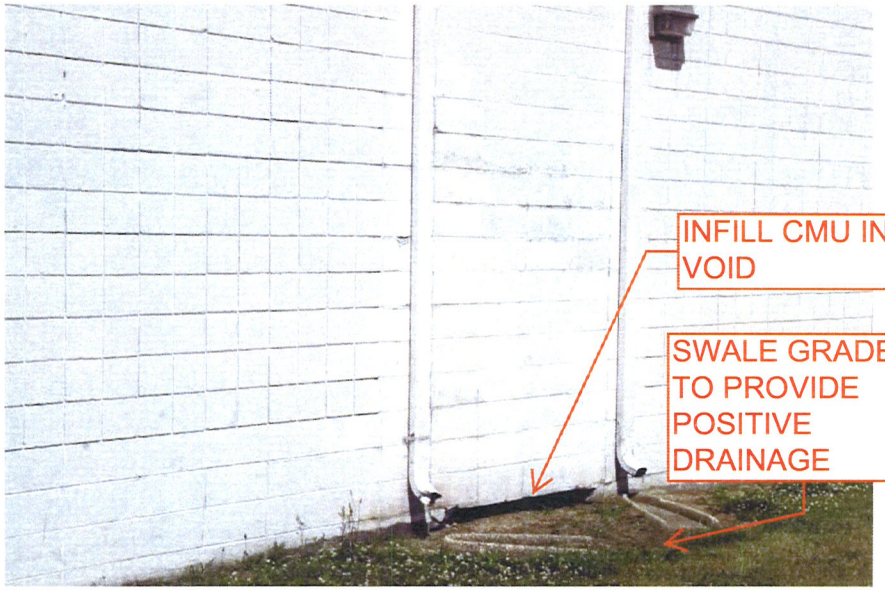


6.1 NE CORNER OF GARAGE

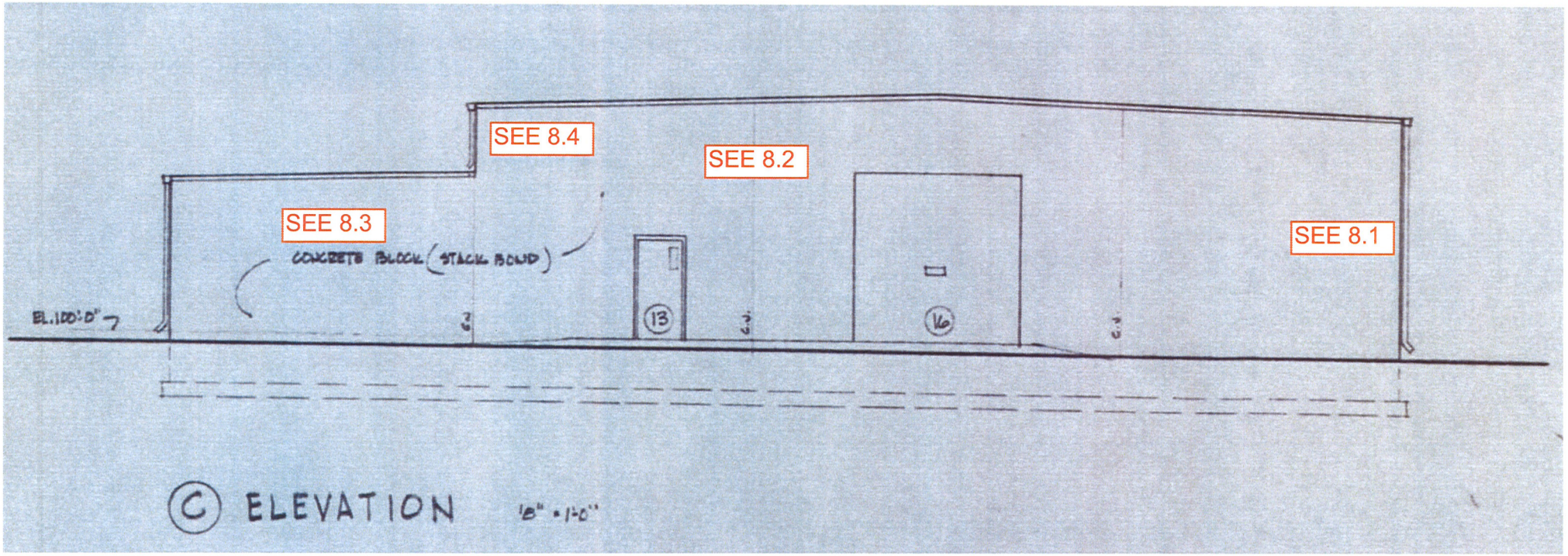


6.2 N CORNER - EAST ELEVATION

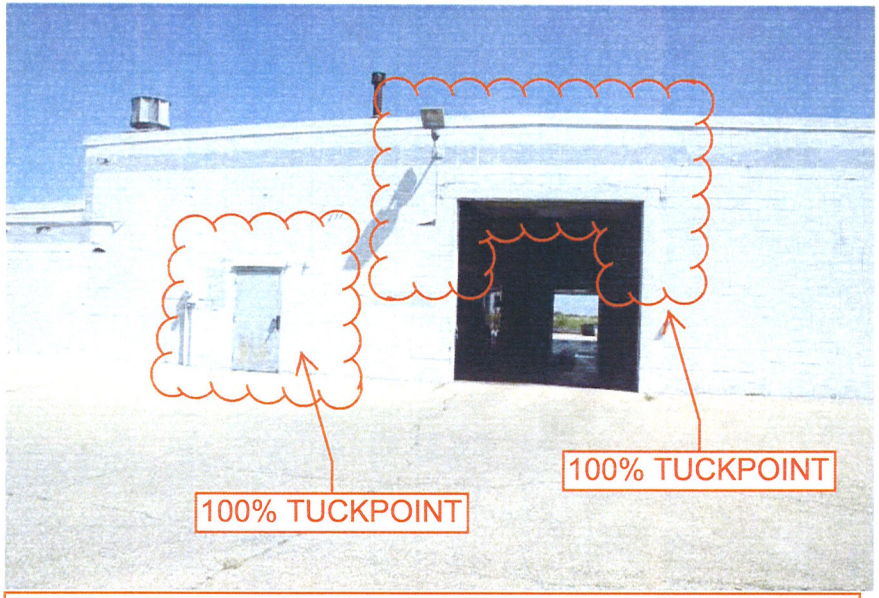
6.3 EAST ELEVATION -BLISTERING & CRACKED PAINT



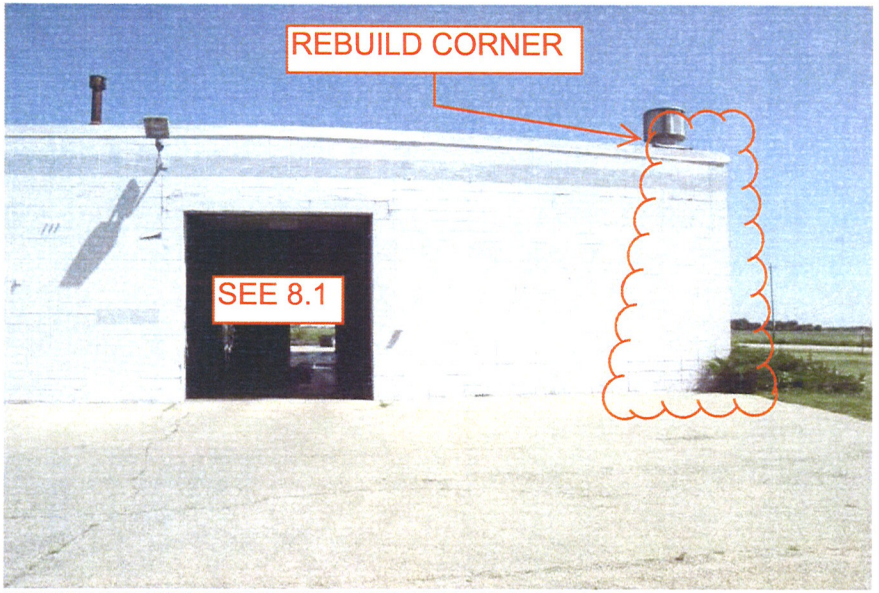
6.4 EAST ELEVATION @ DOOR INFILL



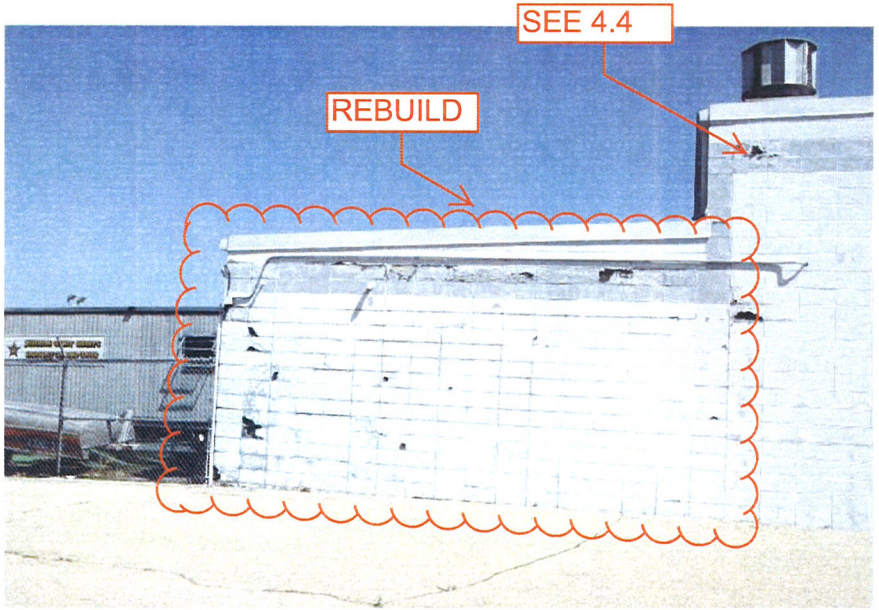
7.1 SOUTH ELEVATION - ORIGINAL DRAWING (N.T.S.)



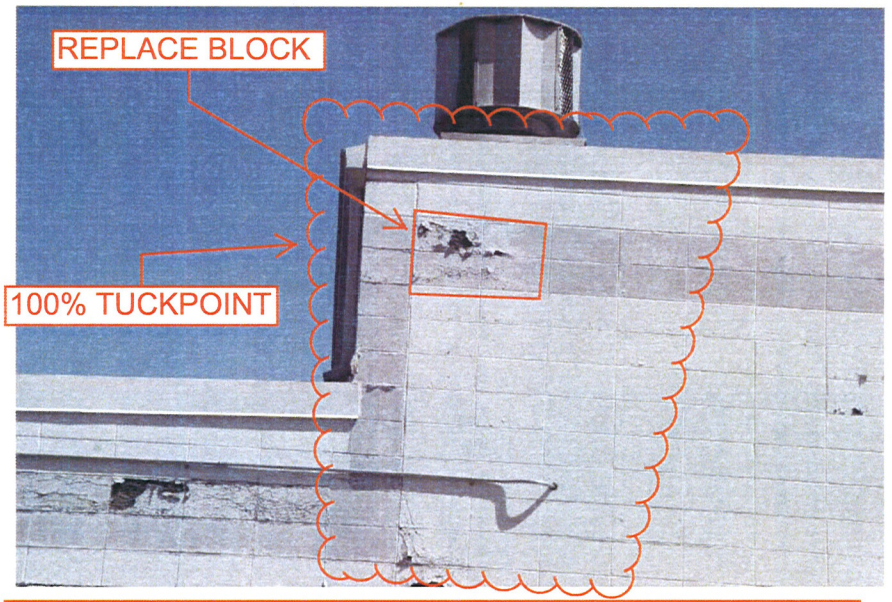
8.1 PARTIAL SOUTH ELEVATION



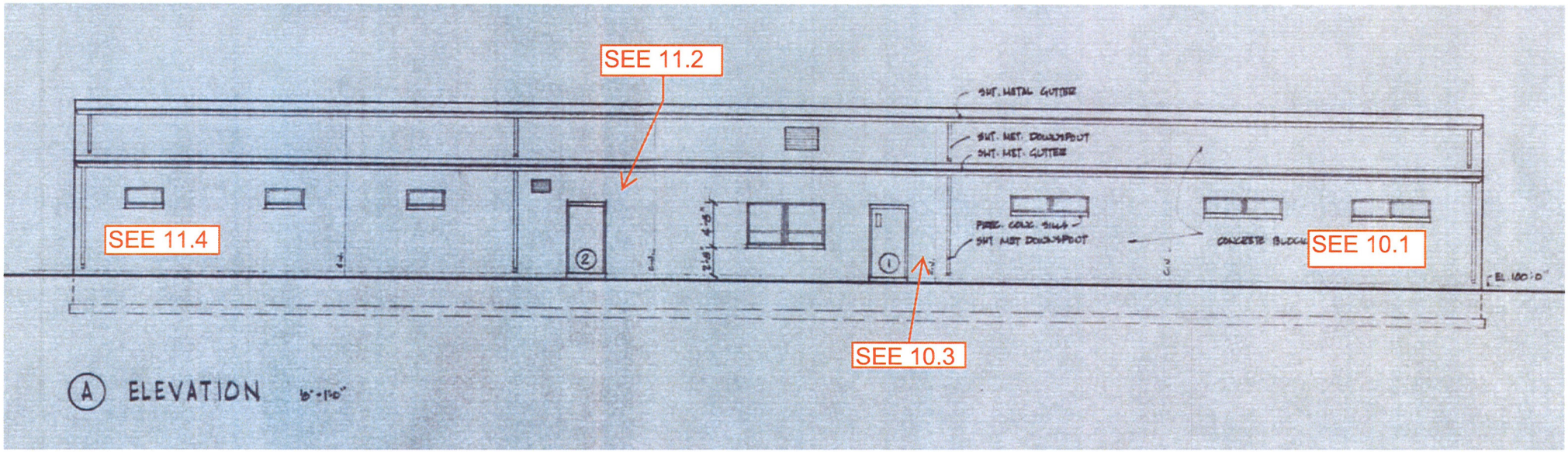
8.2 PARTIAL SOUTH ELEVATION



8.3 PARTIAL SOUTH ELEVATION - EVIDENCE ROOM

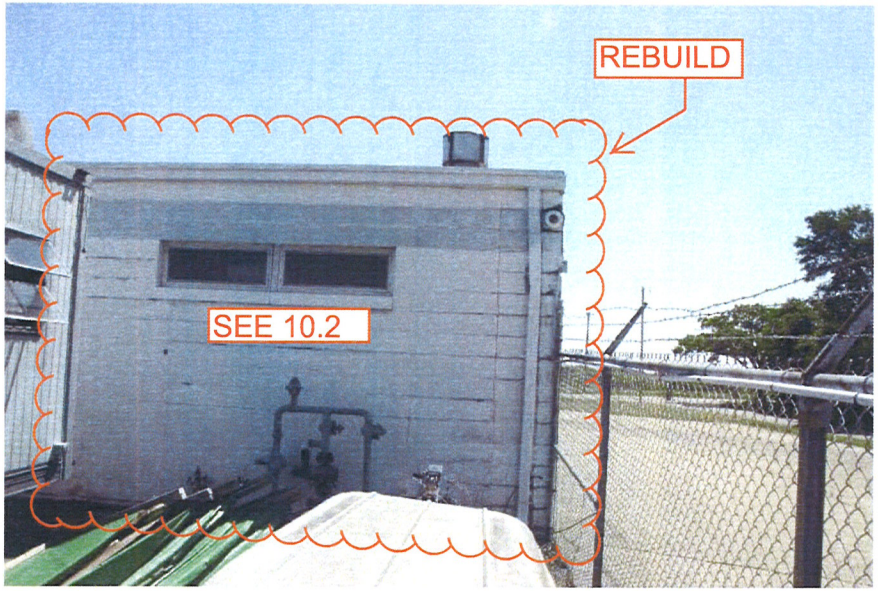


8.4 PARTIAL SOUTH ELEVATION

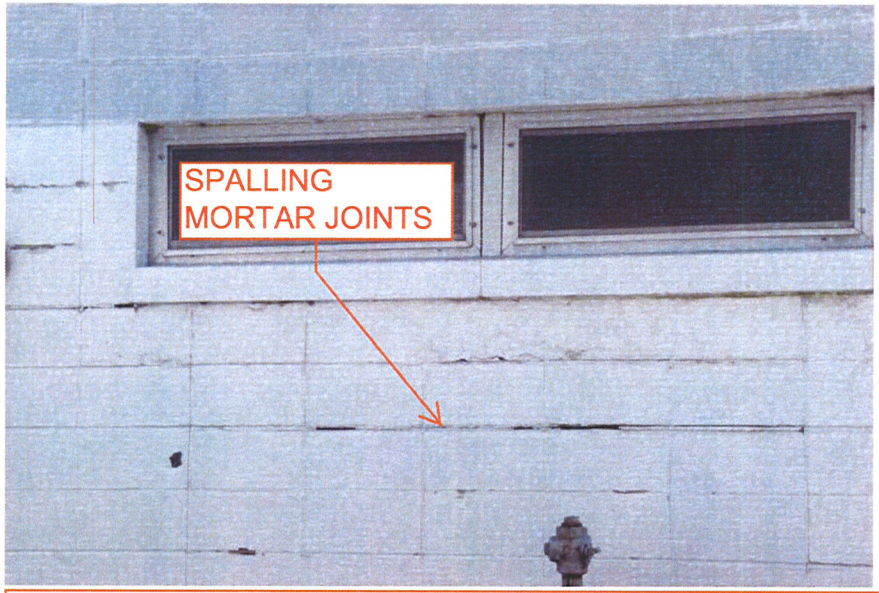


9.1 WEST ELEVATION - ORIGINAL DRAWING (N.T.S.)

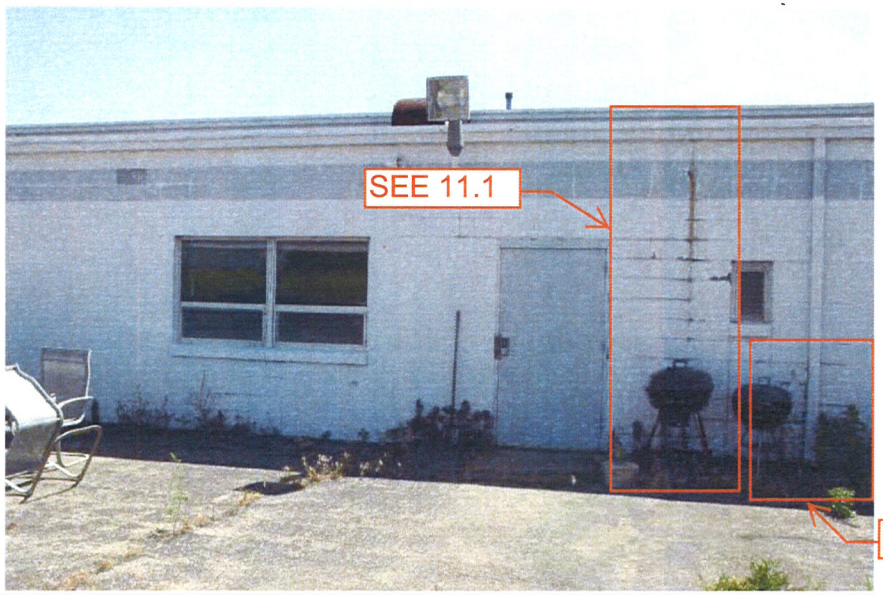
SEE 4.2



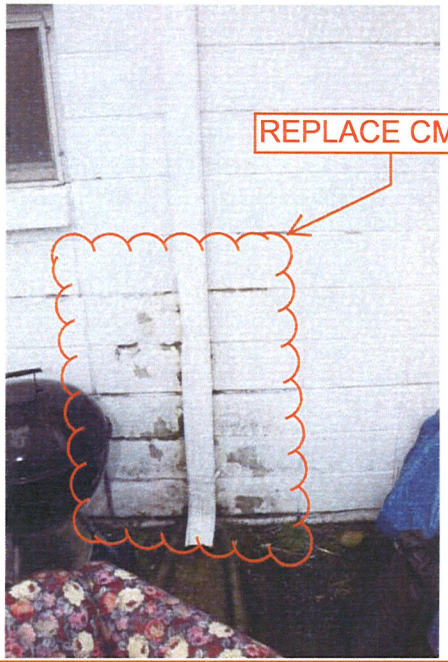
10.1 PARTIAL WEST ELEVATION - EVIDENCE ROOM



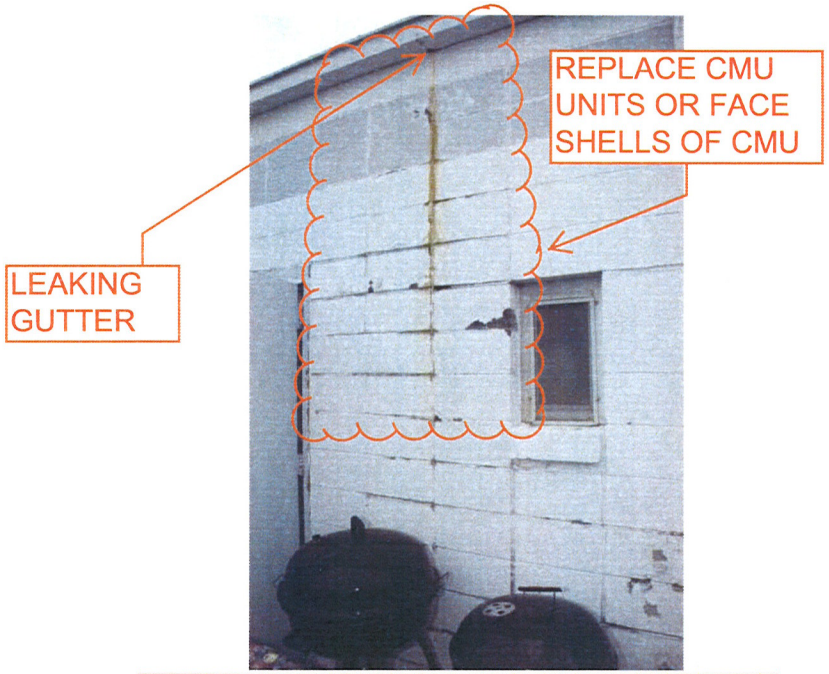
10.2 PARTIAL WEST ELEVATION - EVIDENCE ROOM



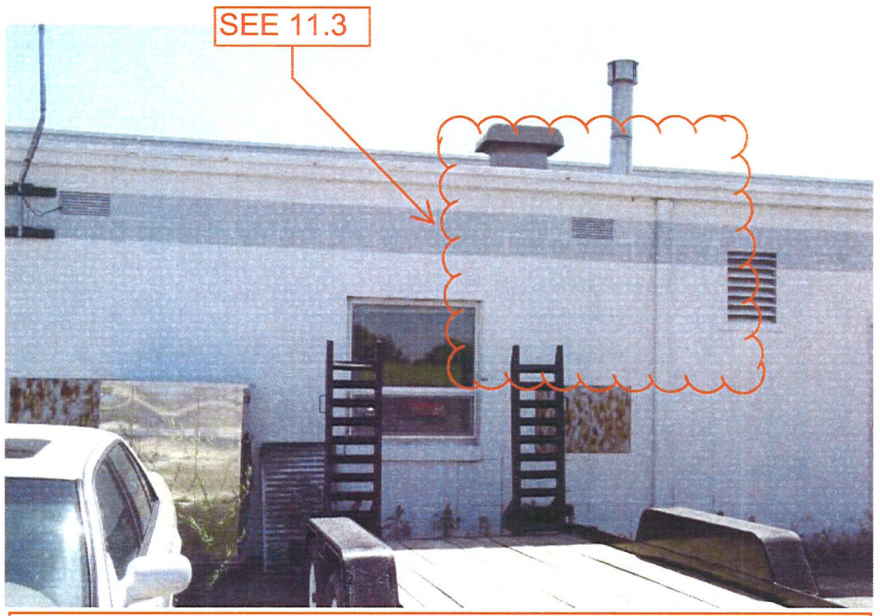
10.3 PARTIAL WEST ELEVATION



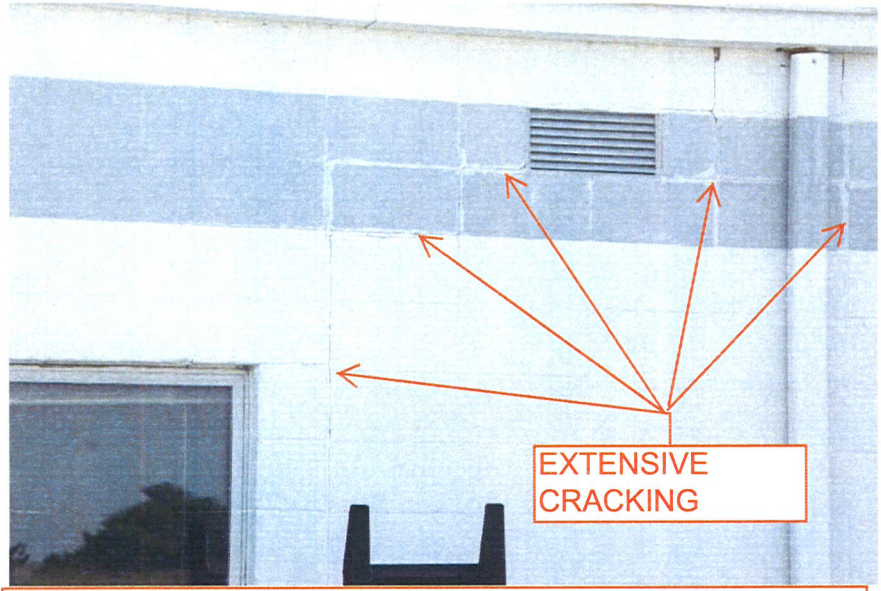
10.4 PARTIAL WEST ELEVATION



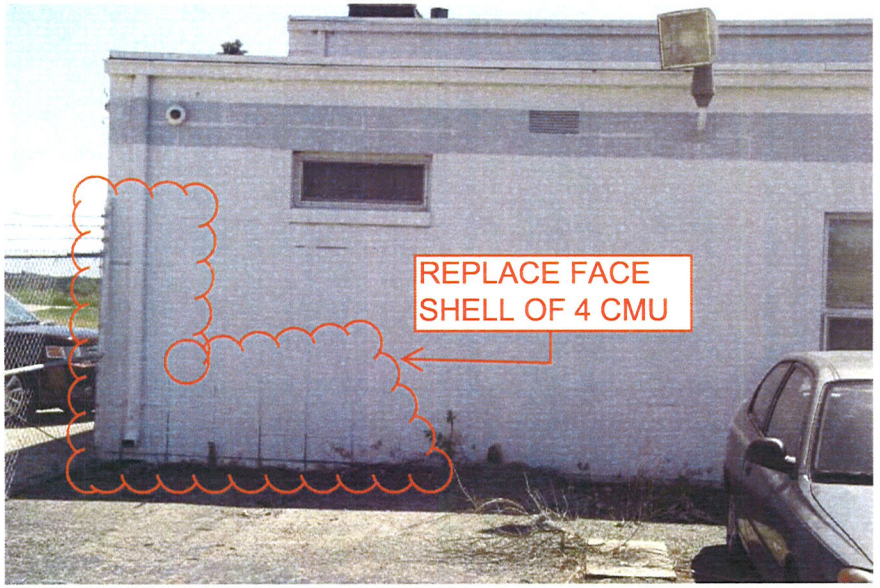
11.1 DAMAGE FROM LEAKING GUTTER



11.2 PARTIAL WEST ELEVATION



11.3 ENLARGED DETAIL PHOTO



11.4 PARTIAL WEST ELEVATION

APPENDIX A

NATIONAL CONSTRUCTION RENTALS
4501 W. 46th St.
Chicago, IL 60632
jagosto@rentnational.com

QUOTATION FOR SERVICES

Phone : 773-376-8352 ***Prepared by Julia Agosto*** **Fax: 773-376-8504**

Customer:	**Jefferson County Sheriff's Dept**			**Job Site:**	**Jefferson Sherrifs Annex**	
Ron Bernhagen - GMA Engineers				Jefferson, WI 53549		
Phn:				Email Address:	rbernhagen@gmaengineers.com	
Fax:				**Prevailing Wage:**	**$26.49**	
Contact	**Date Prepared**	**Bid Expiration Date**	**Estimated Installation Date**	**Length of Contract**	**Terms**	**Ship From**
Ron	09/14/12	10/14/12		Up to 6 months	COD	5001 - Z2

Line Item	Order Qty	Description	Unit of Measure	Unit Price	Extended Price
1	500	8 Ft. Temporary Fence Post Driven (part asphalt)	PLF	$ 3.99	$ 1,995.00
2	200	Core Drill (Posts into asphalt)	PLF	$ 0.75	$ 150.00
3	2	8 x 24 double gate	ea	$ 305.00	$ 610.00
4	500	8 ft windscreen	PLF	$ 3.50	$ 1,750.00
5					$ -
6					$ -
7	If Any	Core Drill, Hand Carry, Hillside Work, Hand Rolling TBD on site	PLF	$ 0.75	
8	If Any	Wait Time	Hr	$ 150.00	
9					
10					
11					
12		**Minimum for this fence job is: $ 850.00**			
13					
14		***Prices are based on actual footage installed.***		Estimated Sub Total	$ 4,505.00
15		*Taxes will apply at the appropriate tax rate*	Taxes	5.60%	$ 252.28
		National is not responsible for placement of fence if contractor is not on site. Additional Charges may apply to move fence once installed.		**Estimated Total**	$ 4,757.28

WE ARE AN OPEN SHOP

Extra Charges Include: **Trip Charges, Hard Ground, Hillside, Core Drilling, Hand Carry, Inaccessible, Weekend Work, and Barbed Wire.**

The pricing on this quotation includes a one-time installation and one-time removal.

Scheduling Questions? Call 773-376-8352 • Billing Inquiries? Call 800-352-5675

To accept this bid, complete the section below and fax back to the fax number at the top of the page.

Signature	Print Name	Title	Date

Check us out online at www.rentnational.com

Note: Once the rental period for your fencing expires, you will receive monthly invoices in the amount of approximately 18% of the original rental invoice per month until the fencing is returned or renewed.

everbridge | Aware™

technology + expertise

#9

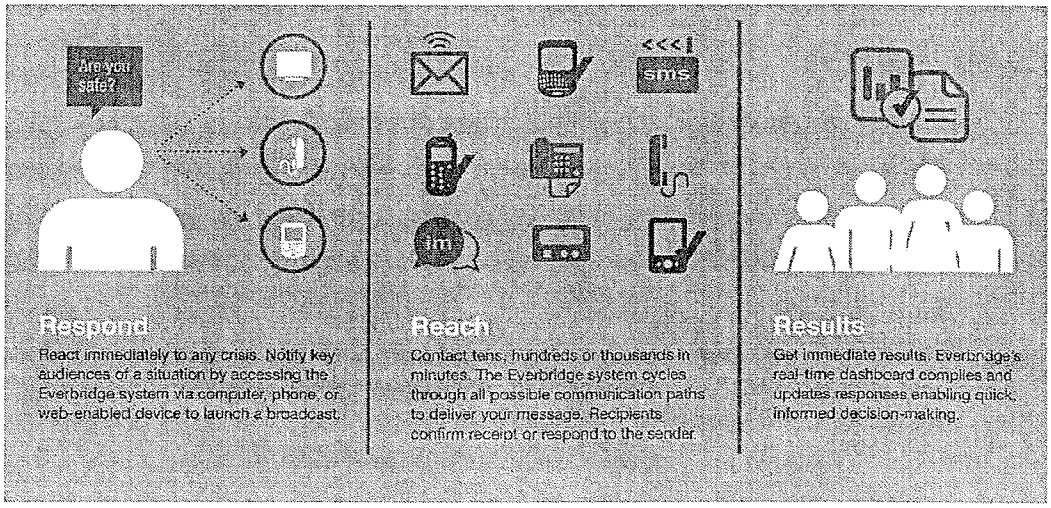
$3,995 / 15 Empl. 150 Empl.

Day-to-day miscommunication costs organizations billions of dollars annually. Emergency communication failures or misunderstandings have much broader implications. Public and shareholder scrutiny forces executives and key personnel out of jobs. Businesses lose money. Many won't survive a significant disruption.

Communication plays a pivotal role in determining whether your organization sinks or swims. The Everbridge Aware mass notification system provides the effective and reliable communications backbone of a solid emergency response plan.

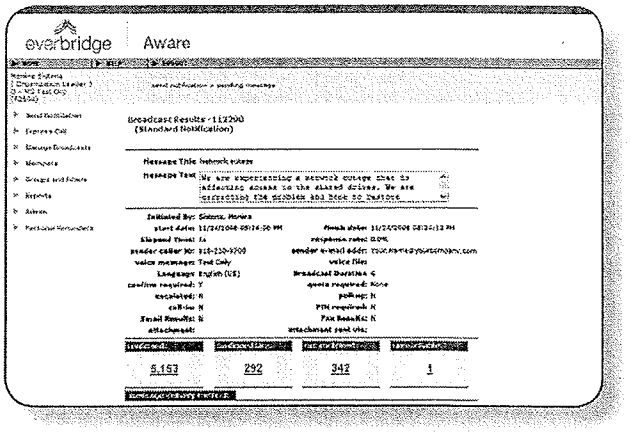
Everbridge Aware In Action

Pepperdine University used Everbridge Aware during the Southern California Wildfires to relocate students and faculty to shelter-in-place locations and coordinate efforts to prevent loss of life and property. Pepperdine issued notifications throughout the disaster to inform students and faculty of safe areas, class cancellations, travel safety warnings, and updates on road closings. The on- and off-campus community applauded the way Pepperdine' managed the crisis, commenting that Pepperdine kept students and faculty safe and informed in a stressful situation through its use of Everbridge Aware.



How Everbridge Aware Works

Everbridge Aware enables one person to communicate with tens, hundreds, or thousands of people anywhere, anytime via any communication device, including phone, email, text messaging, instant messaging, desktop alerting over IM, fax, BlackBerry and other smartphones, PDAs, pagers, and more.



Industry-leading organizations in more than 100 countries rely on Everbridge for critical communications with employees, customers and other key audiences during emergencies and unforeseen business disruptions. This comprehensive emergency notification system keeps individuals informed before, during and after incidents in a timely, effective and reliable manner.

Key Features

Sending Messages

- **Easy message initiation.** Initiate broadcasts from anywhere, anytime by phone, internet, or web-enabled portable device. Send voice and text messages in one broadcast. Even untrained users can quickly send a message using Everbridge's intuitive interface.

- **Unlimited contact devices.** Broadcast messages using all common communication paths, such as phone, email, text messaging, instant messaging, fax, BlackBerry, smartphones, pagers, and more.

- **Intelligent, personalized message delivery.** The Everbridge system delivers messages in your contacts' order of preference and stops once a recipient confirms receipt.

- **Global reach.** The Everbridge system works globally, broadcasts messages in any language, and features a user interface in multiple languages.

- **Surveying and data collection.** Survey contacts by sending a multiple-choice question with up to nine different responses and the option to collect data, such as alternate phone numbers.

- **Scenario management and message library.** Build scenarios for one-click sending during incidents such as earthquakes, hurricanes, and workplace violence. Set up broadcasts with pre-determined contact lists and pre-recorded messages for faster communications in a crisis.

The Recipient Experience

- **Custom greetings.** Include customized greetings for all voice notifications, eliminating confusion with telemarketing calls.

> Everbridge has a superior infrastructure unmatched by the numerous other products we researched. Many companies claimed to provide the most reliable service, but only Everbridge could back it up.
>
> **Jim Tabor**
> Vice President of Operations
> AirTran Airways

- **Customizable caller ID and email sender.** A recognizable phone number and email of your choice display in the recipient's caller ID or email message sender fields, increasing the likelihood recipients answer their phones or read your message.

- **Personalized recipient contact order.** Members can update their contact information and prioritize the device order in which they are contacted.

- **Live call transfer.** Message recipients can connect to one of your representatives on any phone number you specify in your notification.

Tracking Results

- **Real-time broadcast dashboard.** The Everbridge system's real-time dashboard displays updated broadcast results every 60 seconds for at-a-glance broadcast results.

- **Advanced reporting.** Ad-hoc reporting enables users to easily create customized reports for analysis and trending information across the organization.

Managing Contact Data

- **Fast data uploads.** Add, update, and delete members quickly and easily through an online upload process.

- **Flexible data management options.** Maintain contact data in your own system and automatically synchronize it with the Everbridge system.

- **Unlimited groups and subgroups.** Organize contacts into groups and subgroups. The Everbridge system will not send duplicate messages to individuals belonging to multiple groups assigned to a broadcast.

- **User-defined fields.** Create customized fields to store information specific to your organization, such as department numbers or building locations.

Security and Reliability

- **Optimum reliability.** Everbridge Aware is the only mass notification system delivered via an ACT-SaaS℠ architecture, an advanced Software-as-a-Service (SaaS) delivery model with multiple data centers in an active-active configuration, ensuring that a large disaster will not disrupt the Everbridge service.

- **Mission-critical security.** Everbridge implements rigorous security measures at all levels to protect all facets of customer information.

- **Scalability and flexibility.** Everbridge's ACT-SaaS solution provides customers with extraordinary scalability, unparalleled availability and security, lower implementation and maintenance costs, Everbridge-delivered maintenance, and fast implementation. There is no hardware or software to purchase and maintain.

Contact Us

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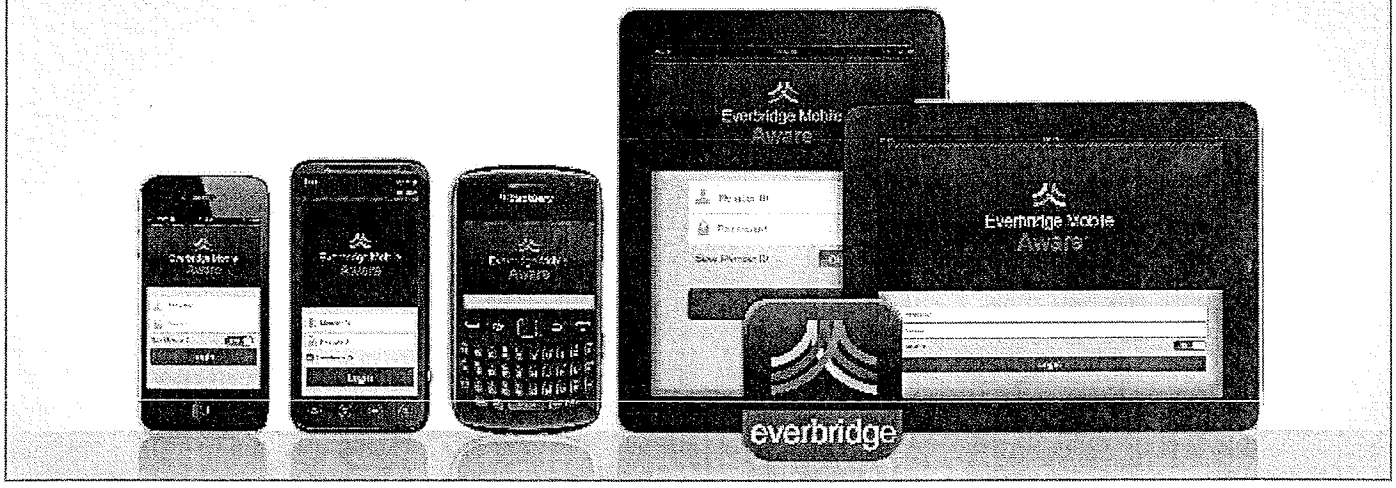
everbridge MOBILE



EVERBRIDGE MOBILE AWARE™
Advanced Connectivity for a Mobile World

+ INSIDE THE APPLICATION

- Utilize message templates or create new notifications on the fly
- Easily select targeted recipient groups within your organization
- Control message delivery schedules, message types and device modes
- Review message delivery details and real-time reporting analytics
- Simple, easy-to-use native interface designed for the device's operating system

In critical and time-sensitive situations, the ability to notify and communicate with members of your organization is essential, especially when you are in a remote location or on the move. Sending critical messages out to mitigate risks should be available to you anytime, anywhere.

Everbridge Mobile Aware brings the power, versatility and ease-of-use of the Everbridge Aware service to multi-platform smart phones and tablets, including Apple® iOS, Android™, and BlackBerry® devices. Built as a native application, Everbridge Mobile Aware will reliably work under adverse network conditions. Whether you are on-site responding to an incident in real time, or just away from your desk, Everbridge Mobile Aware provides you with the communication power of Everbridge Aware — anytime, anywhere.

NOW AVAILABLE AT THE:

ITUNES APP STORE℠ | ANDROID MARKET™ | BLACKBERRY APP WORLD™

EVERBRIDGE MOBILE AWARE gives you the power and security of incident management, all on your mobile device.

Simple

- Easy-to-use interface built for specific mobile operating systems
- Vivid interface design that works in low-bandwidth conditions
- Record and playback voice broadcasts

Secure

- Save your member ID, but not your password
- Session automatically times out after 30 minutes

Personal

- Synchronized to your current Everbridge Aware account
- View contact lists, broadcast history, scenarios and reports
- Easily create and modify default broadcast settings

Informative

- Real-time reporting provides dynamic broadcast summary
- Instantly display active and past broadcast reports
- Track message receipt confirmations

APPLICATION REQUIREMENTS

- Active Everbridge Aware service agreement
- Designed for designated message senders
- 3G or Wi-Fi network access is required

THE EVERBRIDGE DIFFERENCE

Everbridge empowers better decisions with interactive communications throughout the incident lifecycle to protect your most important assets. The world's recognized leader in incident communication and management solutions, Everbridge helps more than 30 million people communicate in a crisis and connect on a daily basis. The company's notification platform is backed by an elastic infrastructure model that delivers near infinite scale, advanced mobile connectivity, and real-time reporting and analytics.

Contact us to learn how Everbridge can help your business meet its emergency and incident notification needs.

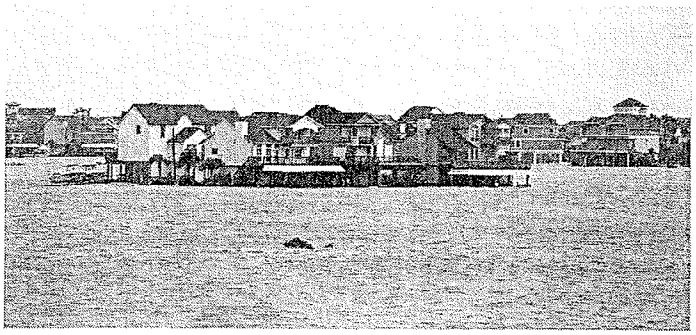
everbridge

technology + expertise

Case Study: City of Galveston

Background

Located on the Gulf of Mexico, 50 miles South of Houston, Galveston Island is one of the most popular beach destinations in Texas. With a population of nearly 60,000, Galveston is famous for the landmark tragedy, the Great Galveston Hurricane of 1900, which resulted in more than 6,000 fatalities. Following the deadliest natural disaster in this nation's history, the city built the famous 10-mile long, 17-foot high seawall to withstand future hurricane storm surges.



The City of Galveston relied on Everbridge to keep residents safe and informed before, during and after Hurricane Ike

> Living on the coast, hurricane evacuations are a matter of life and death. The Everbridge system allowed us to quickly contact thousands of residents who were affected by Hurricane Ike. Rapidly communicating warnings and mandatory evacuation orders within minutes was critical for public safety as Hurricane Ike approached Galveston Island.
>
> **Alicia Cahill**
> Public Information Officer
> City of Galveston

Challenge

On September 13, 2008, Hurricane Ike, the third most destructive hurricane to hit the U.S., made landfall on Galveston Island. Hurricane Ike is blamed for 82 deaths in the U.S.—200 victims are still unaccounted for—and caused more than $27 billion in estimated financial damages. With limited roadway access points exiting the island, the evacuation posed obvious challenges. Because emergency officials had used a notification system with limited functionality in the past, they recognized the need for a faster, reliable and more efficient way to communicate emergency information to residents and businesses during a crisis.

Solution

Prior to implementing Everbridge, the City of Galveston's primary emergency communication tool was an inefficient and unreliable call-tree notification system that was prone to vulnerabilities such as missed messages and single point of failure. After carefully evaluating several ENS providers, Galveston selected Everbridge SmartGIS™ for Citizen Alerts for its robust and reliable emergency communication platform. In addition, the City needed a service that supported multiple communication channels, which enabled recipients to receive emergency messages across numerous devices in the event of power loss.

"The city wanted a faster, more efficient way to communicate news to our residents. Primarily, we were looking for technology that would allow us to rapidly communicate emergency information with our residents and business owners," said Alicia Cahill, Public Information Officer, City of Galveston. "The Everbridge system provides the performance, reliability, speed, and ease-of-use we need to keep our residents informed before, during and after an emergency."

As the severity of Hurricane Ike's imminent danger became clear, Everbridge SmartGIS for Citizen Alerts allowed us to notify all of the affected residents and business owners about the storm's projected path and deliver potentially lifesaving information within minutes.

Alicia Cahill
Public Information Officer
City of Galveston

Government organizations and enterprises alike have embraced emergency notification system (ENS) technologies and have included them as a necessity in their overall communications and emergency response strategies. ENS applications are no longer a "nice to have," they are an indispensable tool for emergency communications.

The State of Business Continuity Preparedness, Disaster Recovery Journal and Forrester Research, Inc., January 2009

Results

Throughout Hurricane Ike, Galveston used Everbridge SmartGIS for Citizen Alerts to inform its residents, emergency personnel and key officials about evacuations, road closures and deployments. Officials used the platform's voice and text message capabilities to mobilize staff and deliver essential public safety information—including hurricane warnings, evacuation orders and reentry instructions—to its residents and businesses.

The Everbridge system enabled Galveston to successfully execute its emergency response plan during Hurricane Ike by providing:

Immediate emergency notification
With real-time reporting of message delivery and receipt confirmation, emergency managers in Galveston were able to verify the safety of residents in a quick and efficient manner.

Improved response capability
Leveraging Everbridge SmartGIS for Citizen Alerts, Galveston sent emergency messages via multiple contact paths and confirmed message receipt, which accelerated the ability to reach mass numbers of people successfully; the platform's built-in notification tools were an absolute necessity for delivering potentially life-saving information quickly and reliably.

Geographically targeted notifications
To prevent alerting non-impacted residents, the City used Everbridge SmartGIS to accurately target specific areas (by zip code, street address or radius) and notify residents with updated information, allowing first responders to focus on other on mission-critical tasks.

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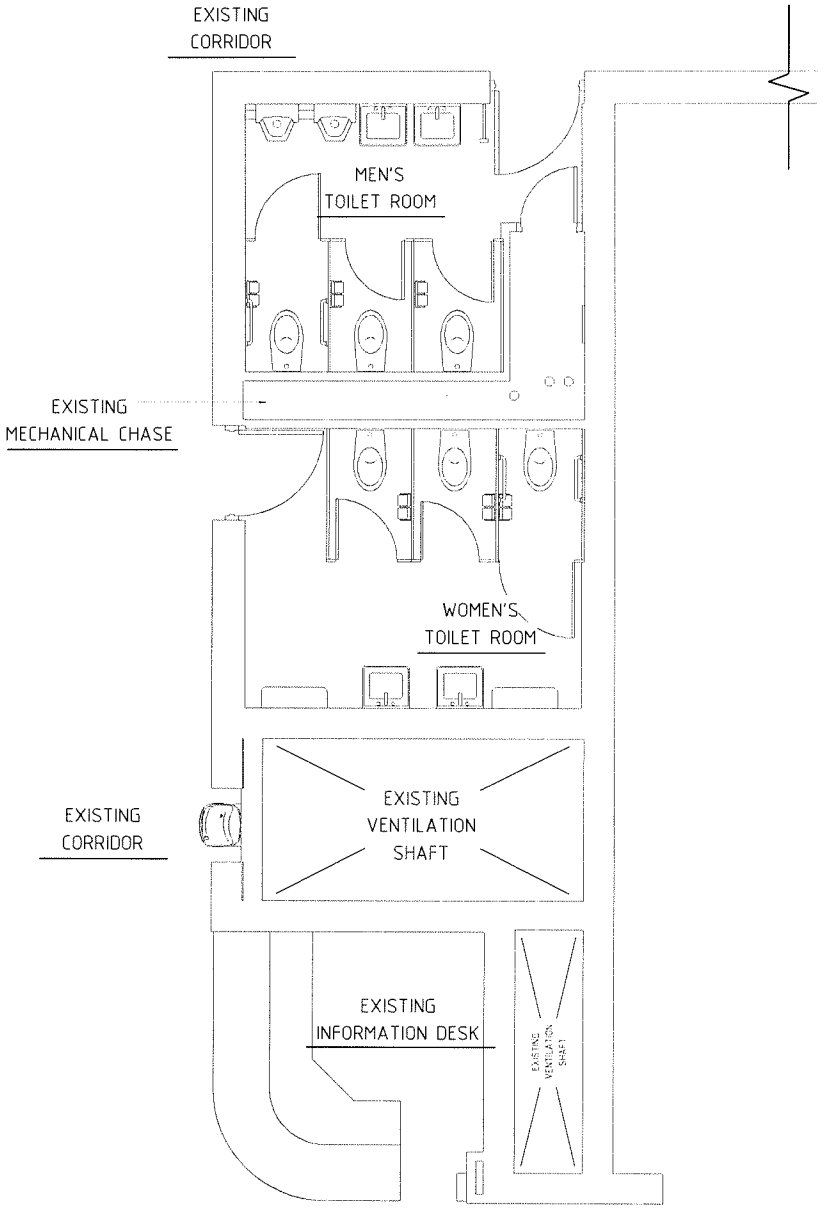
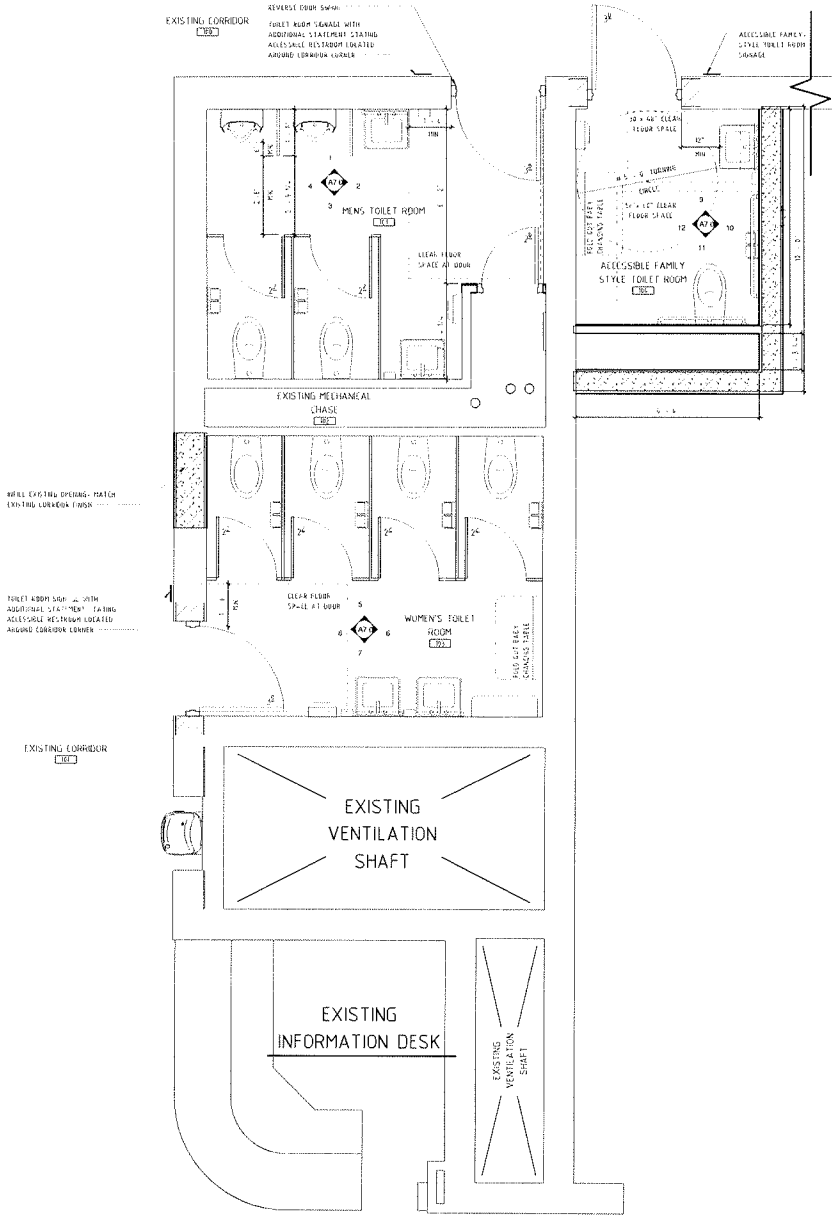
www.everbridge.com



2 EXISTING TOILET ROOM PLAN
Scale: 1/2" = 1'-0"



1 PROPOSED TOILET ROOM PLAN
Scale: 1/2" = 1'-0"

BARRIENTOS
DESIGN, ARCHITECTS, ENGINEERS

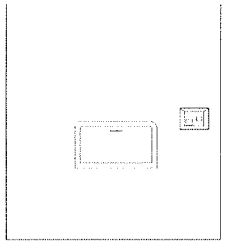
Jefferson County Courthouse
Restroom Renovation
320 South Main Street
Jefferson, WI 53549

Design Development

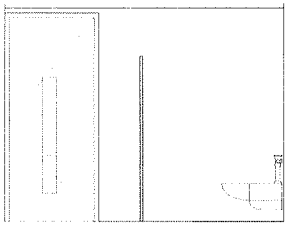
90656

JULY 31, 2019

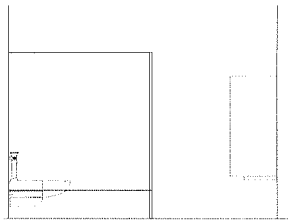
A1.0



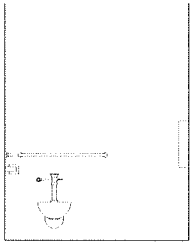
12 ACCESSIBLE TOILET ROOM ELEVATION - 104 WEST
Scale: 1/2" = 1'-0"



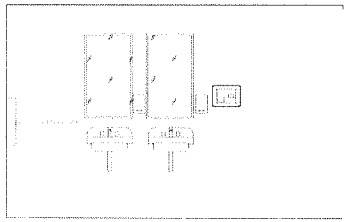
8 WOMEN'S ROOM ELEVATION - 103 WEST
Scale: 1/2" = 1'-0"



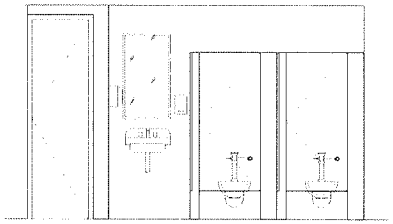
4 MEN'S ROOM ELEVATION - 103 WEST
Scale: 1/2" = 1'-0"



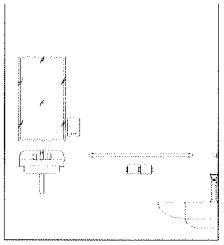
11 ACCESSIBLE TOILET ROOM ELEVATION - 104 SOUTH
Scale: 1/2" = 1'-0"



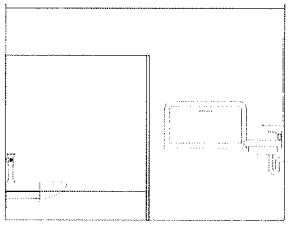
7 WOMEN'S ROOM ELEVATION - 103 SOUTH
Scale: 1/2" = 1'-0"



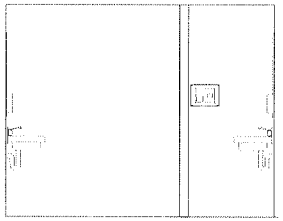
3 MEN'S ROOM ELEVATION - 101 SOUTH
Scale: 1/2" = 1'-0"



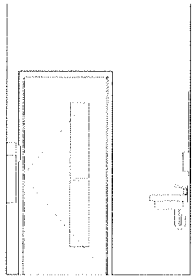
10 ACCESSIBLE TOILET ROOM ELEVATION - 104 EAST
Scale: 1/2" = 1'-0"



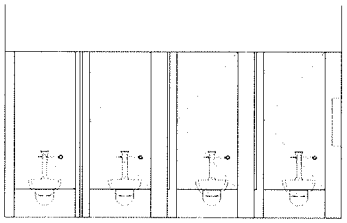
6 WOMEN'S ROOM ELEVATION - 103 EAST
Scale: 1/2" = 1'-0"



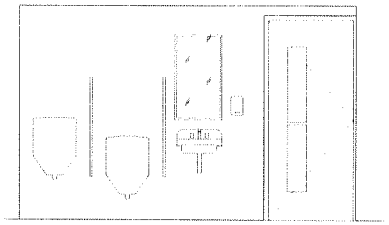
2 MEN'S ROOM ELEVATION - 101 EAST
Scale: 1/2" = 1'-0"



9 ACCESSIBLE TOILET ROOM ELEVATION - 104 NORTH
Scale: 1/2" = 1'-0"



5 WOMEN'S ROOM ELEVATION - 103 NORTH
Scale: 1/2" = 1'-0"



1 MEN'S ROOM ELEVATION - 101 NORTH
Scale: 1/2" = 1'-0"

BARRIENTOS
DESIGN ARCHITECTS ENGINEERS

Jefferson County Courthouse
Restroom Renovation
320 South Main Street
Jefferson, WI 53549

Design Development

3065e

10/21/15

Permit Submission

A7.0