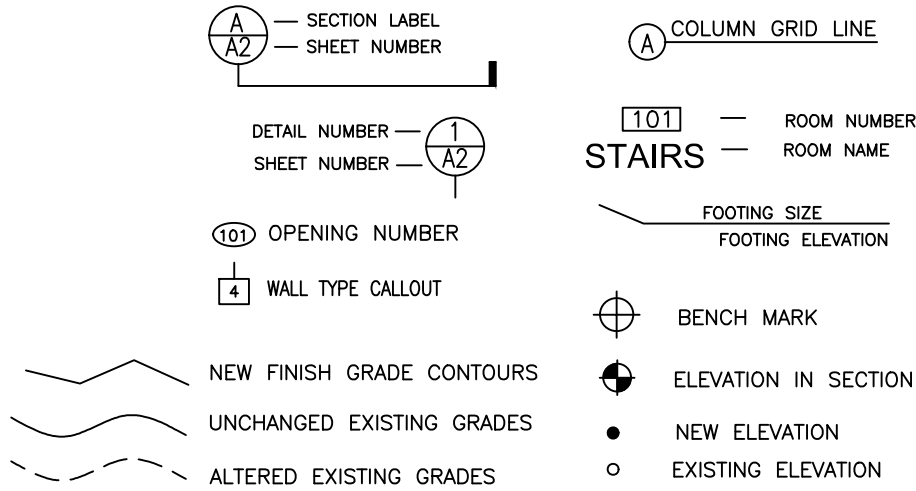
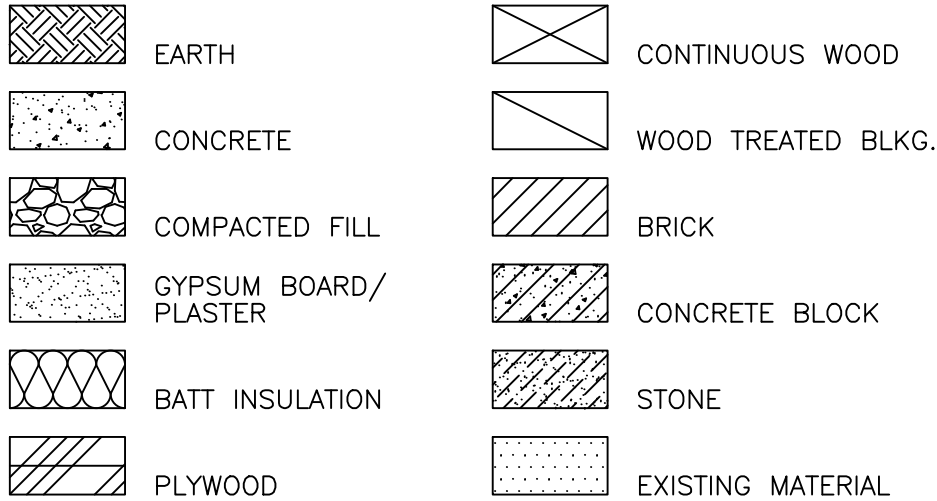


SYMBOLS LEGEND



MATERIALS LEGEND



DCA MON  
MAIN HOUSE SITE WORK  
AND OUTBUILDING REPAIRS

26223 HARDING RD  
CLERMONT, IOWA

DAS PROJECT # 9226.00  
GENESIS PROJECT # 2114.02

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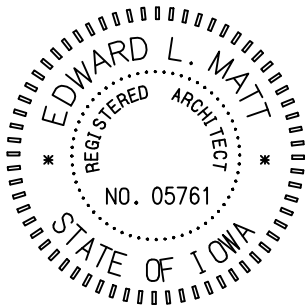
I hereby certify that the portion of this technical submission described below was prepared by me or under my supervisor and responsible charge. I am a duly registered Architect under the laws of the State of Iowa.

Signature **Edward L Matt** 05761

Edward L. Matt Reg. No.

Pages or Sheets covered in part or whole by this seal:  
A0, A0.1, A0.2, A0.3, A1.0, A1.1, A2.0, A2.1, A3.0,  
A4.0, A5.0 & A5.1

Date Issued: 3-22-22



DCA MON MAIN HOUSE SITE WORK  
AND OUTBUILDING REPAIRS  
MONTAUK HISTORIC SITE  
26223 HARDING RD, CLERMONT, IA 52135

COVER SHEET

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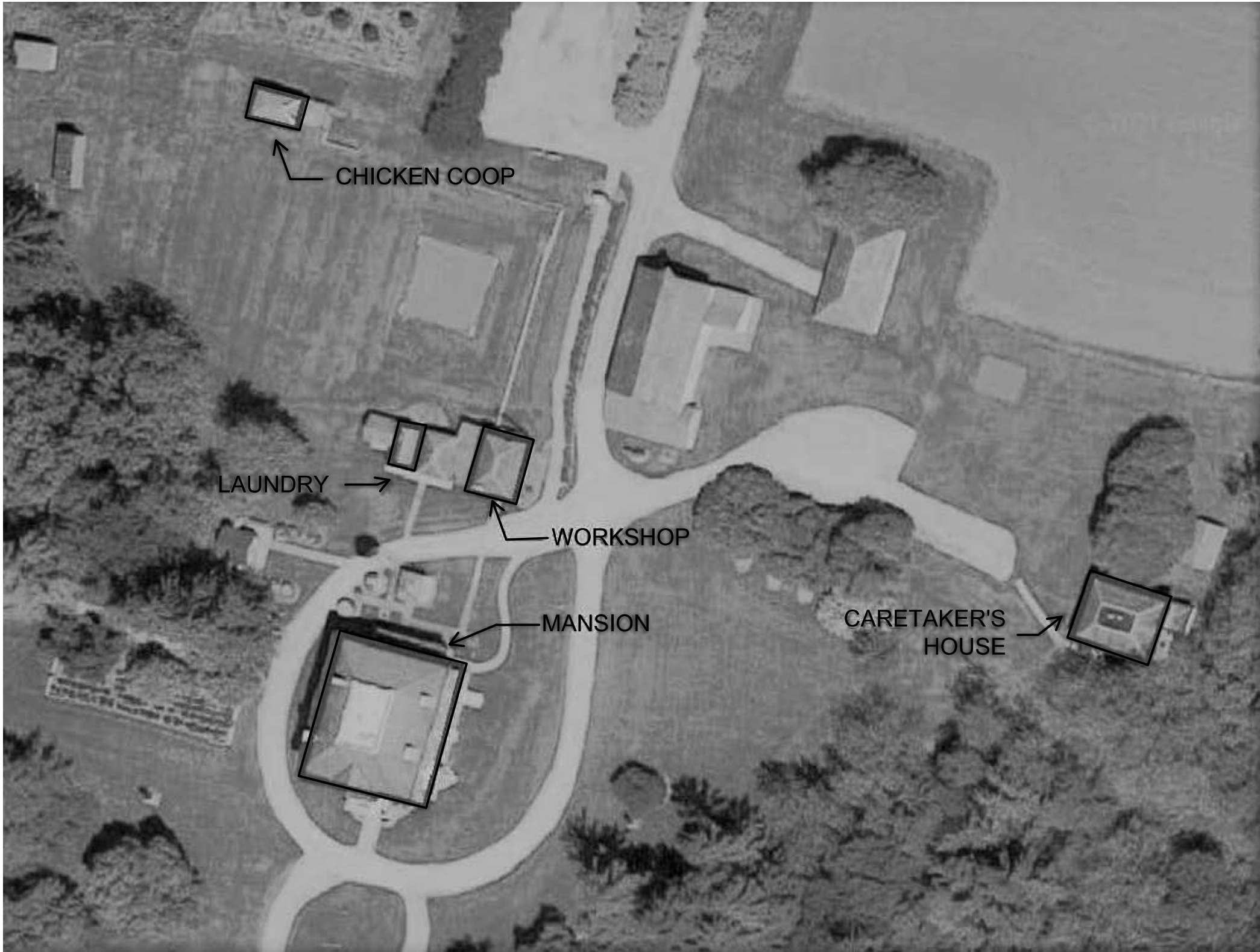
ABBREVIATIONS

ADJ	ADJUSTABLE	KW	KEY WALL
A/E	ARCHITECT / ENGINEER	MAS	MASONRY
AMT	AMOUNT	MTL	METAL
APPROX	APPROXIMATELY	MFR	MANUFACTURER
ARCH	ARCHITECT	MIN	MINIMUM
AVE	AVERAGE	MISC	MISCELLANEOUS
		MO	MASONRY OPENING
BD	BOARD	NIC	NOT IN CONTRACT
BLDG	BUILDING	NO	NUMBER
BLK	BLOCK	NOM	NOMINAL
BRK	BRICK	NTS	NOT TO SCALE
BSMT	BASEMENT		
CC	CENTER TO CENTER	OC	ON CENTER
CJ	CONTROL JOINT	OPNG	OPENING
CL	CENTER LINE	ORIG	ORIGINAL
CMU	CONCRETE MASONRY UNIT	OS	OUTSIDE
COL	COLUMN		
CONC	CONCRETE	PR	PAIR
CONT	CONTINUOUS	PROT	PROTECTION
CONTR	CONTRACTOR	PT	PAINT
CRS	COURSES		
CTR	CENTER	R&R	REMOVE AND REPLACE
		RAD	RADIUS
D	DEPTH	RCJ	REINFORCED CONTROL JOINT
DEMO	DEMOLITION	RCMU	REINFORCED CONC. MASONRY JT.
DTL	DETAIL	REBAR	REINFORCING BAR
DIA	DIAMETER	REINF	REINFORCED
DIM	DIMENSION	REJ	ROOF EXPANSION JOINT
DN	DOWN	REQ'D	REQUIRED
DO	REPEAT	RQMT	REQUIREMENT
DWG	DRAWING		
EA	EACH	SECT	SECTION
EJ	EXPANSION JOINT	SF	SQUARE FOOT OR FEET
EJF	EXPANSION JOINT FILLER	SHT	SHEET
ELEV	ELEVATION	SIM	SIMILAR
ENGR	ENGINEER	SPEC	SPECIFICATION
EQ	EQUAL	SQ	SQUARE
EX/EXST	EXISTING	STD	STANDARD
EXT	EXTERIOR	STL	STEEL
FND	FOUNDATION	T&B	TOP AND BOTTOM
FIN	FINISH	TOW	TOP OF WALL
FLR	FLOOR	T.P.	TUCK POINT
FT	FOOT OR FEET	TWF	THROUGH WALL FLASHING
		TYP	TYPICAL
GA	GAUGE		
GALV	GALVANIZED	UNO	UNLESS NOTED OTHERWISE
GND	GROUND		
		VERT	VERTICAL
H	HIGH	W	WIDTH
HGT	HEIGHT	W/	WITH
HORIZ	HORIZONTAL	W/O	WITHOUT
IAW	IN ACCORDANCE WITH	WCJ	WALL CONTROL JOINT
INCL	INCLUDED	WD	WOOD
INT	INTERIOR	WEJ	WALL EXPANSION JOINT
IS	INSIDE	WGT	WEIGHT
JT	JOINT		

PRESERVATION NOTES:

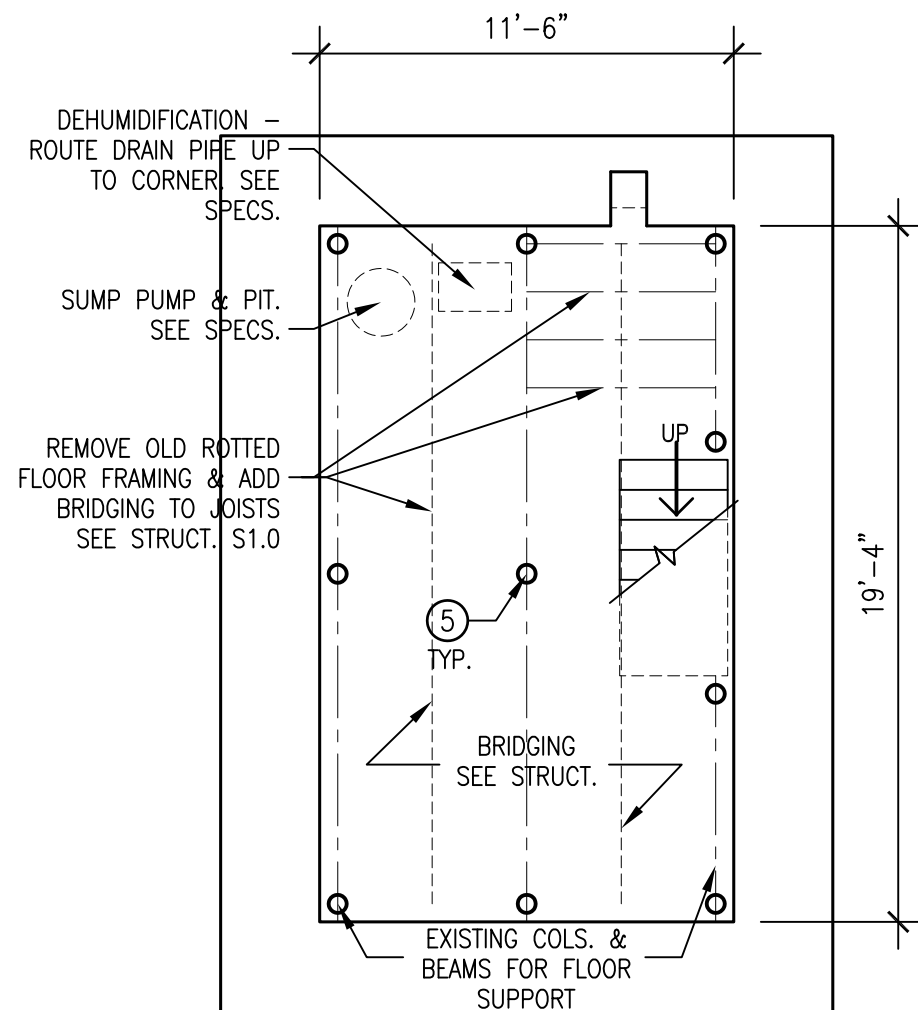
- A. MONTAUK IS A HISTORIC SITE THAT IS OWNED AND MAINTAINED BY THE STATE OF IOWA. IT WAS LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES IN 1973. THE MANSION AND OUTBUILDINGS ON THIS SITE ALL CONTRIBUTE TO THE SITE'S HISTORIC SIGNIFICANCE, AND THEREFORE ALL WORK MUST BE PERFORMED IN KEEPING WITH THE SECRETARY OF INTERIOR'S STANDARDS FOR HISTORIC PRESERVATION.
- B. PRESERVATION: TO APPLY MEASURES NECESSARY TO SUSTAIN THE EXISTING FORM, INTEGRITY, AND MATERIALS OF A HISTORIC PROPERTY. THE GOAL OF PRESERVATION IS TO HALT THE PROCESS OF DETERIORATION AND STABILIZE THE ITEM'S CONDITION.
- C. REHABILITATION: TO MAKE POSSIBLE A COMPATIBLE USE FOR A PROPERTY THROUGH REPAIR, ALTERATIONS, AND ADDITIONS WHILE PRESERVING THOSE PORTIONS OR FEATURES THAT CONVEY ITS HISTORICAL, CULTURAL, OR ARCHITECTURAL VALUES.
- D. PROTECT AND MAINTAIN: TO REMOVE DETERIORATING MATERIALS, APPLY PROTECTIVE PRODUCTS, AND INSTALL PROTECTIVE MEASURES TO PROVIDE THE LEAST DEGREE OF INTERVENTION.
- E. MATERIAL IN KIND: MATERIAL THAT MATCHES EXISTING MATERIALS, AS MUCH AS POSSIBLE, IN SPECIES, CUT, COLOR, GRAIN, TEXTURE, AND FINISH.
- F. REPAIR: TO STABILIZE, CONSOLIDATE, OR CONSERVE; TO RETAIN EXISTING MATERIALS AND FEATURES WHILE EMPLOYING AS LITTLE NEW MATERIAL AS POSSIBLE. REPAIR INCLUDES PATCHING, PIECING-IN, SPLICING, CONSOLIDATING, OR OTHERWISE REINFORCING OR UPGRADING MATERIALS. WITHIN RESTORATION, REPAIR ALSO INCLUDES LIMITED REPLACEMENT IN KIND, REHABILITATION, AND RECONSTRUCTION, WITH COMPATIBLE SUBSTITUTE MATERIALS FOR DETERIORATED OR MISSING PARTS OF FEATURES WHEN THERE ARE SURVIVING PROTOTYPES.
- G. REPLACE: TO DUPLICATE AND REPLACE ENTIRE FEATURES WITH NEW MATERIAL IN KIND. REPLACEMENT INCLUDES THE FOLLOWING CONDITIONS:
1. DUPLICATION: INCLUDES REPLACING ELEMENTS DAMAGED BEYOND REPAIR OR MISSING. ORIGINAL MATERIAL IS INDICATED AS THE PATTERN FOR CREATING NEW DUPLICATED ELEMENTS.
  2. REPLACEMENT WITH NEW MATERIALS: INCLUDES REPLACEMENT WITH NEW MATERIAL WHEN ORIGINAL MATERIAL IS NOT AVAILABLE AS PATTERNS FOR CREATING NEW DUPLICATED ELEMENTS.
  3. REPLACEMENT WITH SUBSTITUTE MATERIALS: INCLUDES REPLACEMENT WITH COMPATIBLE SUBSTITUTE MATERIALS. SUBSTITUTE MATERIALS ARE NOT ALLOWED, UNLESS OTHERWISE INDICATED.
- H. RESTORE: TO CONSOLIDATE, REPLICATE, REPRODUCE, REPAIR, AND REFINISH AS REQUIRED TO ACHIEVE THE INDICATED RESULTS.
- I. WHERE REPAIR WORK IS REQUIRED OR SPECIFICALLY INDICATED, THE FOLLOWING PROCEDURES SHALL BE FOLLOWED:
1. RETAIN AS MUCH EXISTING MATERIAL AS POSSIBLE; REPAIR AND CONSOLIDATE RATHER THAN REPLACE.
  2. USE ADDITIONAL MATERIAL OR STRUCTURE TO REINFORCE, STRENGTHEN, PROP, TIE, AND SUPPORT EXISTING MATERIAL OR STRUCTURE.
  3. USE REVERSIBLE PROCESSES WHEREVER POSSIBLE.
  4. USE TRADITIONAL REPLACEMENT MATERIALS AND TECHNIQUES. NEW WORK SHALL BE DISTINGUISHABLE TO THE TRAINED EYE, ON CLOSE INSPECTION, FROM OLD WORK.
  5. RECORD THE WORK BEFORE THE PROCEDURE WITH PRECONSTRUCTION PHOTOGRAPHS AND DURING THE WORK WITH PERIODIC CONSTRUCTION PHOTOS.
- J. WHERE WORK REQUIRES EXISTING FEATURES TO BE REMOVED, CLEANED, AND REUSED, PERFORM THESE OPERATIONS WITHOUT DAMAGE TO THE MATERIAL ITSELF, TO ADJACENT MATERIALS, OR TO THE SUBSTRATE.
- K. REFER TO THE SPECIFICATIONS MANUAL FOR SECTIONS ON SPECIFIC HISTORIC TREATMENT PROCEDURES.



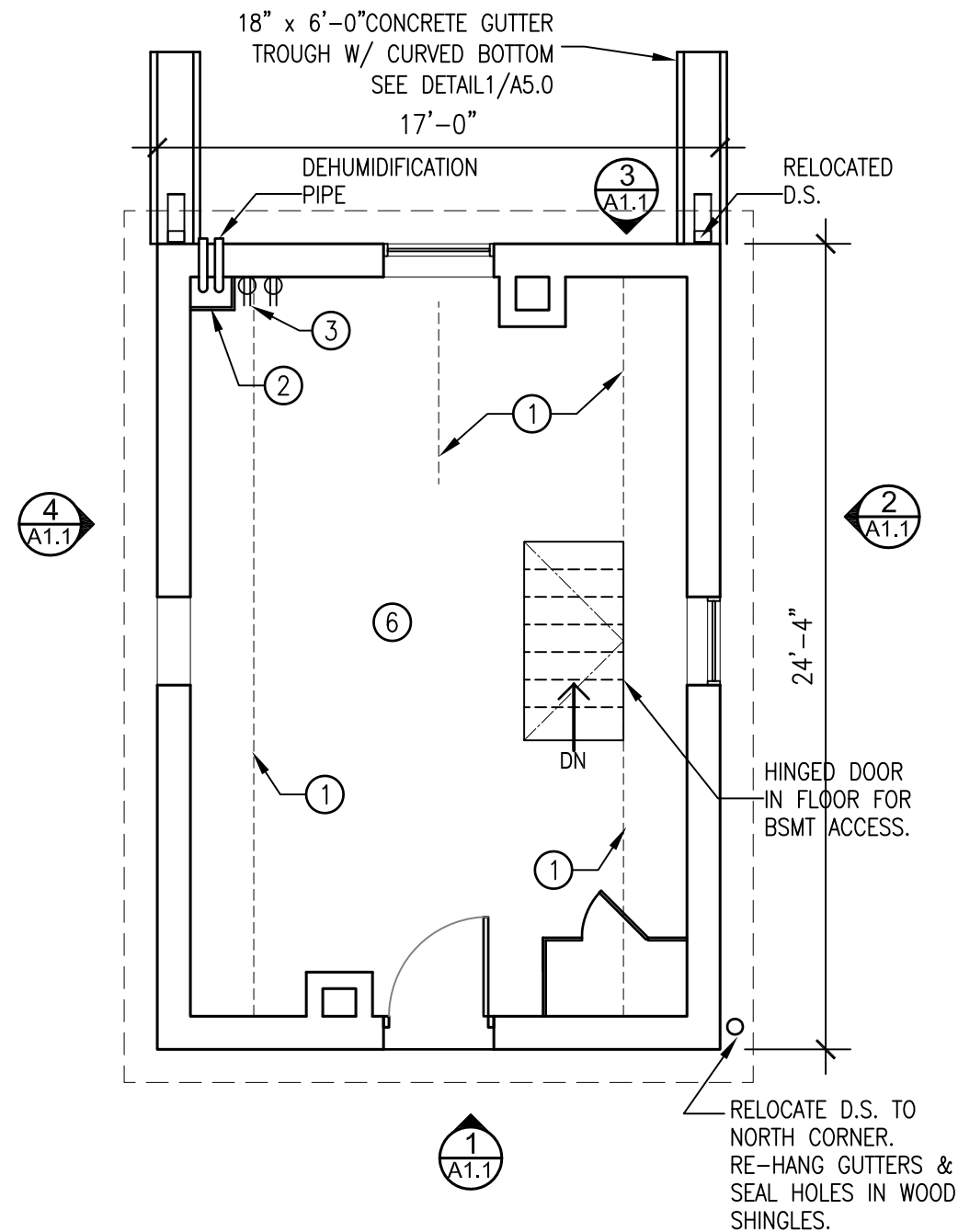


**AERIAL SITE MAP**  
NO SCALE

- GENERAL NOTES:**
- A. CONTRACTOR TO FIELD VERIFY ALL BUILDING AND SITE CONDITIONS. REPORT ANY DISCREPANCIES TO ARCHITECT PRIOR TO PROCEEDING WITH ANY WORK. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL DIMENSIONS AND QUANTITIES.
  - B. CONTRACTOR TO COORDINATE ALL WORK WITH OTHER TRADES AND COORDINATE SCHEDULE WITH OWNER, DAS AND CONSTRUCTION MANAGER.
  - C. PRIOR TO DEMOLITION, CONTRACTOR SHALL NOTIFY THE FOLLOWING: OWNER AND CONSTRUCTION MANAGER.
  - D. ALL CONSTRUCTION/DEMOLITION DEBRIS SHALL BE DISPOSED OF OFFSITE IN FULL COMPLIANCE WITH CURRENT ENVIRONMENTAL REGULATIONS.
  - E. ALL PERMITS AND ADDITIONAL FEES REQUIRED TO COMPLETE THE WORK SHALL BE INCLUDED IN THE CONTRACTOR BID.
  - F. PROTECT ADJACENT BUILDING ELEMENTS, I.E. ROOFS, FLASHINGS, WINDOWS AND DOORS FROM DAMAGE
  - G. PROTECT LAWN AND LANDSCAPING. REPAIR DAMAGED LAWN AREAS. GRADE ANY RUTS SMOOTH, RESEED AND WATER TO RE-ESTABLISH LAWN.



**WORKSHOP BASEMENT PLAN**  
SCALE: 3/16" = 1'-0"



**WORKSHOP FLOOR PLAN**  
SCALE: 3/16" = 1'-0"



- FLOOR PLAN NOTES:**
1. RIP EDGES OF  $\frac{3}{4}$ " T & G FLOOR BOARDS TO LAY FLAT WHERE BUCKLED UP. RE-NAIL TO FLOOR JOISTS.
  2. PROVIDE 16"W X 12"D x 12" H WOOD BOX ENCLOSURE IN CORNER TO COVER BSMT DRAIN PIPES. FINISH BOX ENCLOSURE WITH WHITE WASH.
  3. GFCI OUTLETS +18". SEE ELECTRICAL SHT. E1.0. DRILL (2) 1  $\frac{1}{4}$ " DIA. HOLES IN FLOOR FOR CORDS FROM BASEMENT.
  4. EXTEND PVC DEHUMIDIFIER AND SUMP PIPES THROUGH BRICK WALL AT CORNER. ELBOW PIPES TO DISCHARGE INTO CONCRETE GRADE TROUGH. PRIME AND PAINT PVC PIPES TERRA COTTA COLOR TO MATCH BRICK.
  5. REMOVE AND REPLACE EXISTING BASEMENT STEEL POSTS WITH GALVANIZED PIPE COLUMNS. SEE STRUCTURAL.
  6. SEE BID ALTERNATE #1 FOR COMPLETE SUBFLOOR REPLACEMENT.

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WORKSHOP  
PLANS

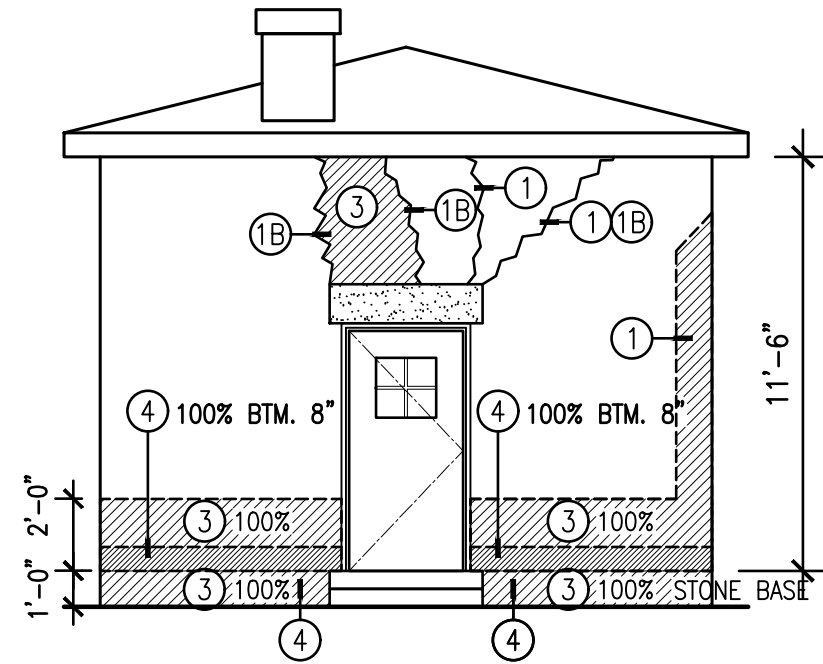
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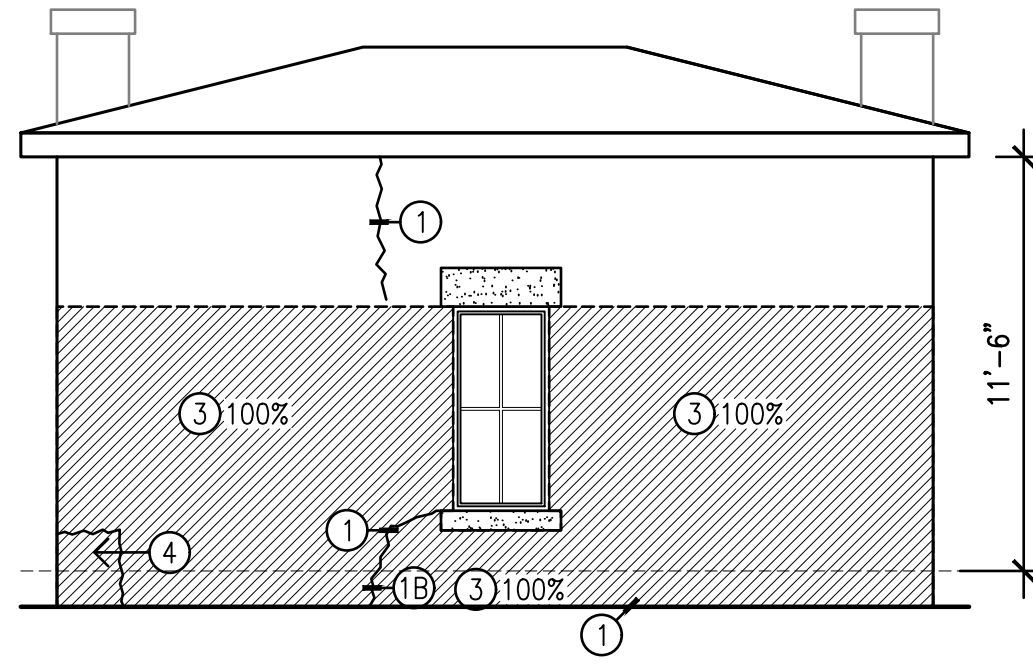
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**WORKSHOP ELEVATION - SOUTH**

SCALE: 3/16" = 1'-0"

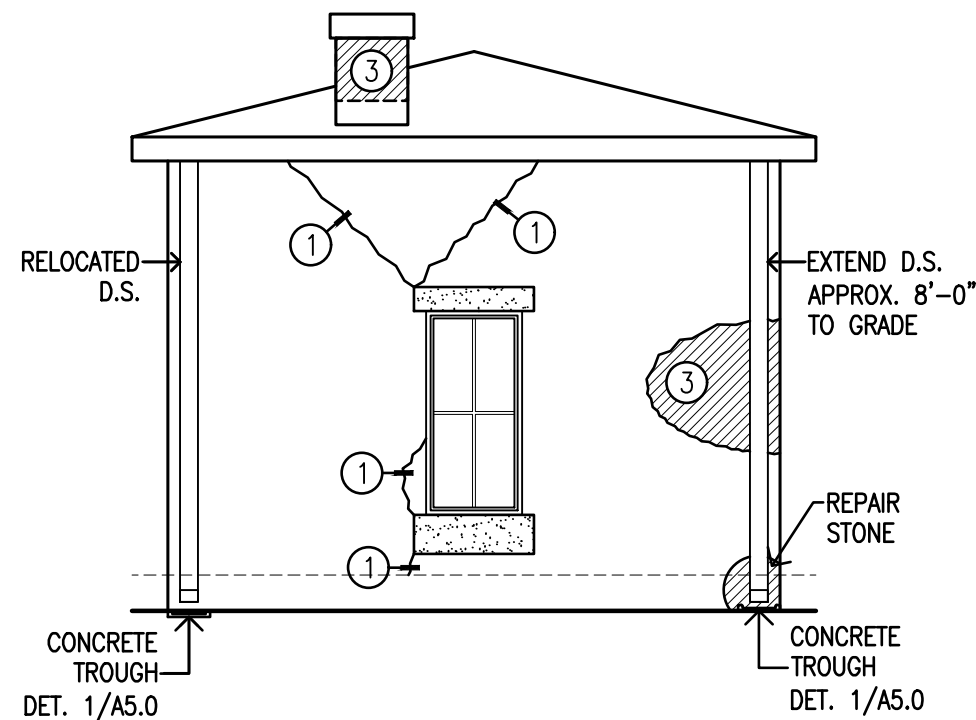
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**WORKSHOP ELEVATION - EAST**

SCALE: 3/16" = 1'-0"

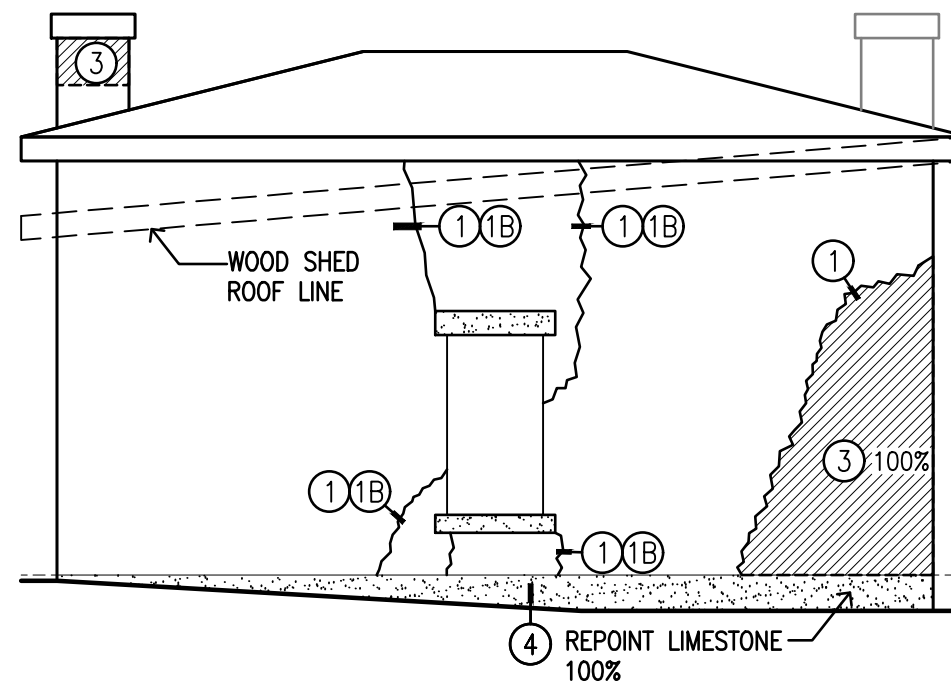
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**WORKSHOP ELEVATION - NORTH**

SCALE: 3/16" = 1'-0"

3



**WORKSHOP ELEVATION - WEST**

SCALE: 3/16" = 1'-0"

4

**MASONRY REPAIR SCOPE NOTES:**

- ① MASONRY CRACK. REPLACE BRICK THAT ARE CRACKED THROUGH – SEE #2. FULL DEPTH CRACKS IN MORTAR ARE TO BE REPOINTED FULL DEPTH OF BRICK. INSTALL BED JOINT MORTAR PRIOR TO POINTING. REMOVE ANY SEALANT THAT IS IN ANY CRACKS.
- ② REPLACE BRICK. CUT OUT AND REPLACE DAMAGED BRICK WITH MATCHING BRICK. INSTALL BED JOINT MORTAR PRIOR TO POINTING.
- ③ REPOINT AREA OF BRICK. REPOINT MASONRY PER THE PERCENTAGE OF JOINTS INDICATED IN AREA INDICATED BY HATCH. 100% UNLESS NOTED OTHERWISE.
- ④ DEEP BED JOINT REPAIR AREA. PERFORM DEEP BED JOINT REPAIRS PER THE AREA INDICATED BY HATCH. ADD AN ADDITIONAL 10% OVER AREAS INDICATED.
- ⑤ REPAIR DAMAGED OR SPALLED STONE WITH STONE PATCHING COMPOUND. BUILD OUT PER MANUFACTURER'S RECOMMENDATIONS. MATCH EXISTING STONE TEXTURE AND PROFILE.
- ⑥ FOUNDATION CRACK. ROUT OUT CRACK AND REPAIR WITH CONCRETE PATCHING COMPOUND. DEEP CRACKS TO HAVE INJECTION REPAIR GROUT W/ 1" CONCR. PATCHING COMPOUND ON EXTERIOR.
- ⑦ GROUT PATCH HOLE WITH GROUT COLORED TO MATCH MASONRY.
- ⑧ CLEAN MASONRY AT WORK AREAS.
- ⑨ REMOVE ALL UNUSED ANCHORS. PATCH ALL HOLES IN MASONRY; SEE ITEM #7.

**BUILDING SPECIFIC NOTES:**

- A. WALLS ARE SOLID BRICK. FOUNDATION AND OPENING HEAD & SILLS ARE LIMESTONE.
- B. CRACKS NOTED AS 1B ARE CRACKS ON THE INSIDE OF BLDG. TO BE REPOINTED. TOUCH UP CRACKS INSIDE WITH WHITE WASH.

DCA MON MAIN HOUSE SITE WORK

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MONTAUK HISTORIC SITE

26223 HARDING RD, CLERMONT, IA 52135

WORKSHOP  
ELEVATIONS

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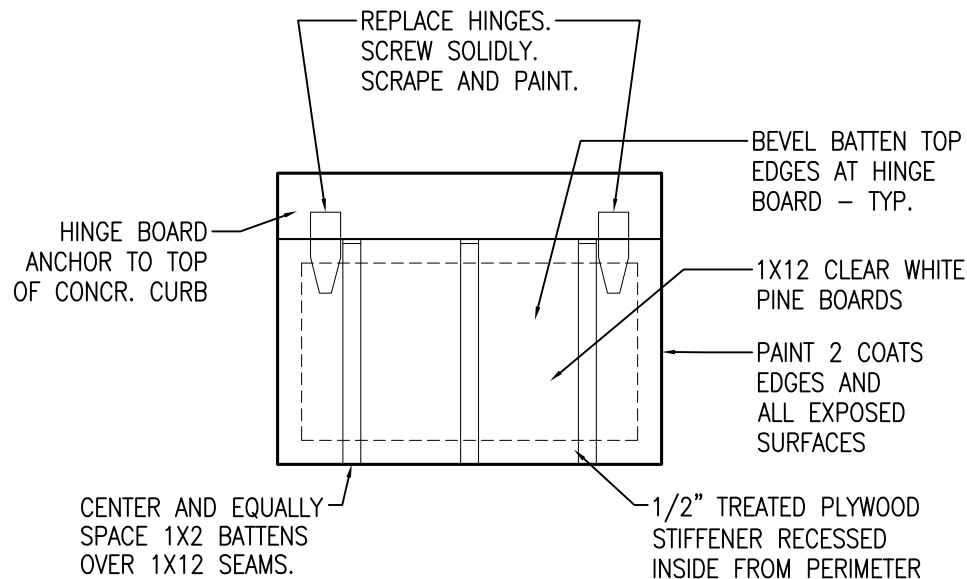
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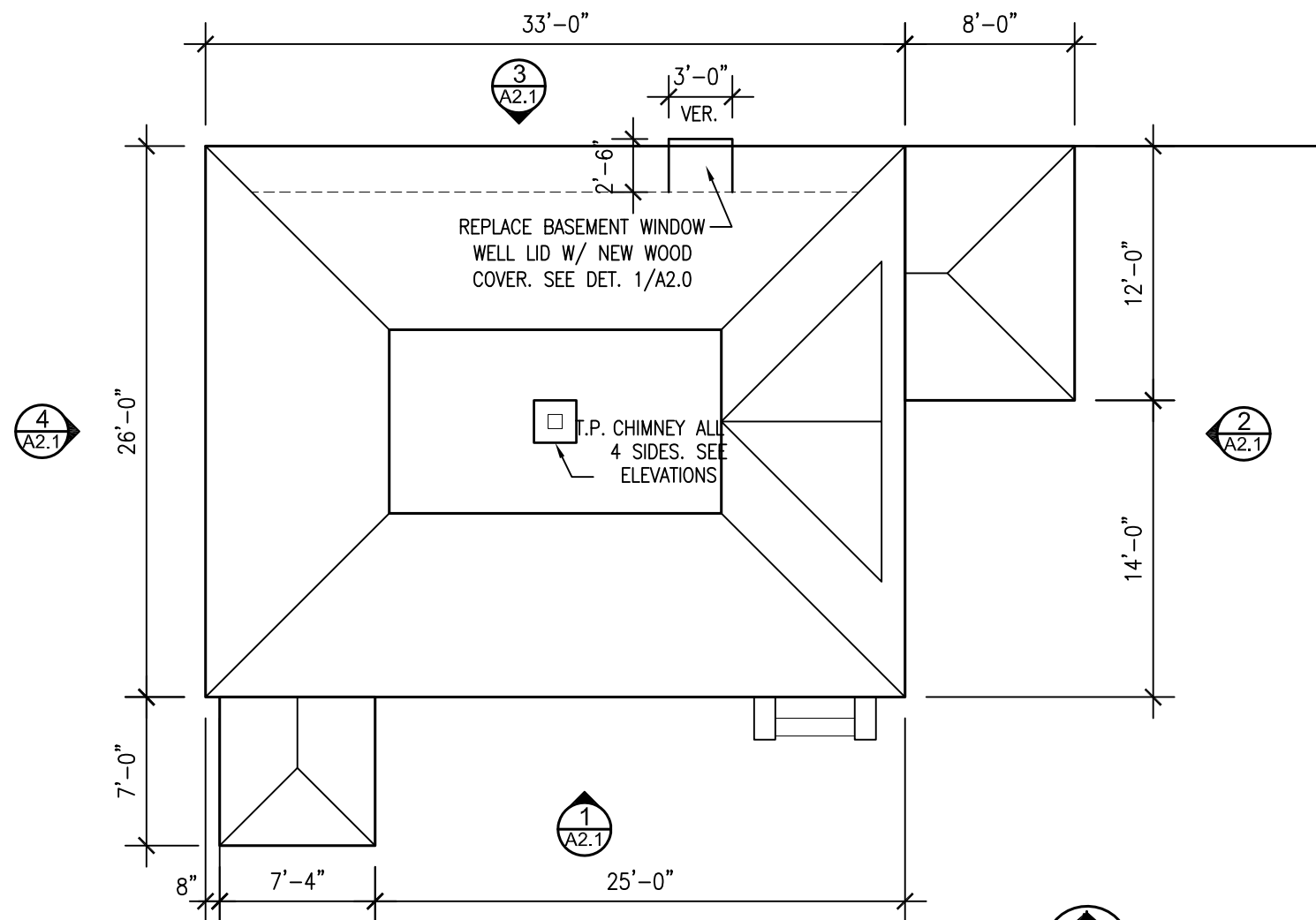
**GENESIS**  
ARCHITECTURAL DESIGN



**BASEMENT WINDOW COVER DETAIL -  
SEE BID ALTERNATE #2**

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

1  
A2.0



**CARETAKER'S HOUSE PLAN**

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



NORTH

**GENERAL NOTES:**

- CONTRACTOR TO FIELD VERIFY ALL BUILDING AND SITE CONDITIONS. REPORT ANY DISCREPANCIES TO ARCHITECT PRIOR TO PROCEEDING WITH ANY WORK. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL DIMENSIONS AND QUANTITIES.
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- ALL PERMITS AND ADDITIONAL FEES REQUIRED TO COMPLETE THE WORK SHALL BE INCLUDED IN THE CONTRACTOR BID.

**BUILDING SPECIFIC NOTES:**

- WALLS ARE SOLID BRICK WITH LIMESTONE HEAD & SILLS.
- FOUNDATION IS ROUGH CUT LIMESTONE.
- STIPPLE INDICATES LIMESTONE.

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CARETAKER'S  
HOUSE  
PLAN

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1



2



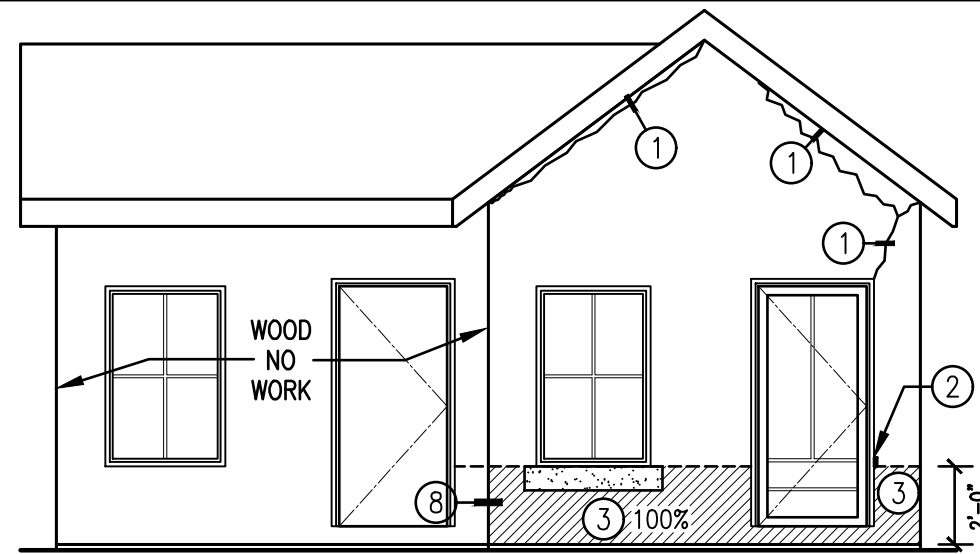
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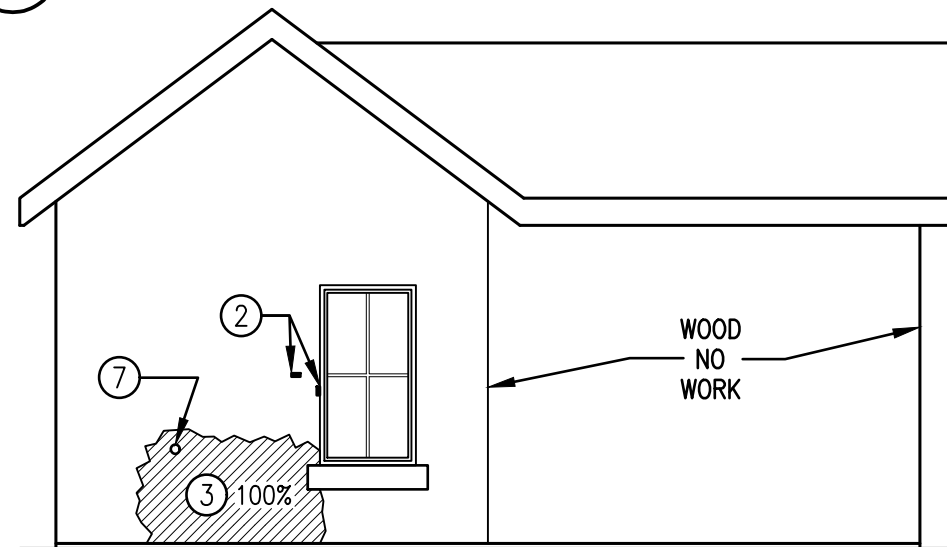
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- ① MASONRY CRACK. REPLACE BRICK THAT ARE CRACKED THROUGH – SEE #2. FULL DEPTH CRACKS IN MORTAR ARE TO BE REPOINTED FULL DEPTH OF BRICK. INSTALL BED JOINT MORTAR PRIOR TO POINTING. REMOVE ANY SEALANT THAT IS IN ANY CRACKS.
- ② REPLACE BRICK. CUT OUT AND REPLACE DAMAGED BRICK WITH MATCHING BRICK. INSTALL BED JOINT MORTAR PRIOR TO POINTING.
- ③ REPOINT AREA OF BRICK. REPOINT MASONRY PER THE PERCENTAGE OF JOINTS INDICATED IN AREA INDICATED BY HATCH. 100% UNLESS NOTED OTHERWISE.
- ④ DEEP BED JOINT REPAIR AREA. PERFORM DEEP BED JOINT REPAIRS PER THE AREA INDICATED BY HATCH. ADD AN ADDITIONAL 10% OVER AREAS INDICATED.
- ⑤ REPAIR DAMAGED OR SPALLED STONE WITH STONE PATCHING COMPOUND. BUILD OUT PER MANUFACTURER'S RECOMMENDATIONS. MATCH EXISTING STONE TEXTURE AND PROFILE.
- ⑥ FOUNDATION CRACK. ROUT OUT CRACK AND REPAIR WITH CONCRETE PATCHING COMPOUND. DEEP CRACKS TO HAVE INJECTION REPAIR GROUT W/ 1" CONCR. PATCHING COMPOUND ON EXTERIOR.
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- ⑧ CLEAN MASONRY AT WORK AREAS.
- ⑨ REMOVE ALL UNUSED ANCHORS. PATCH ALL HOLES IN MASONRY; SEE ITEM #7.

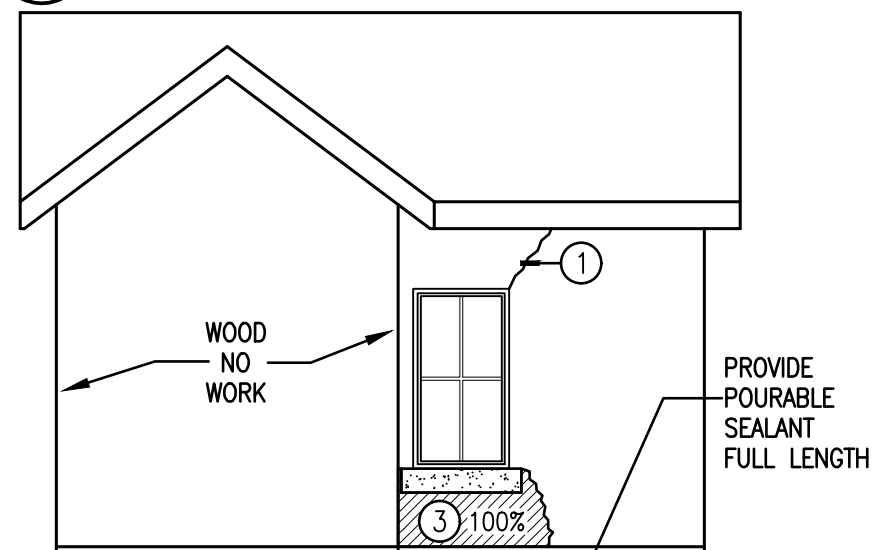




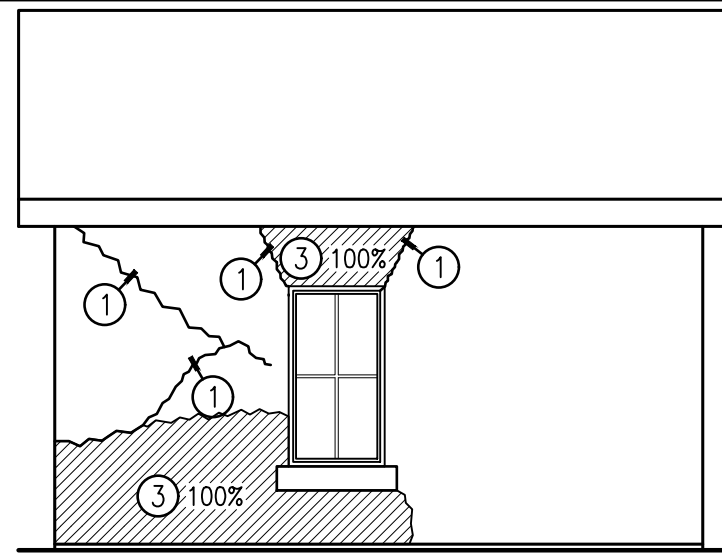
**1 SOUTH ELEVATION**  
SCALE: 3/16" = 1'-0"  
PROVIDE POURABLE SEALANT FULL LENGTH



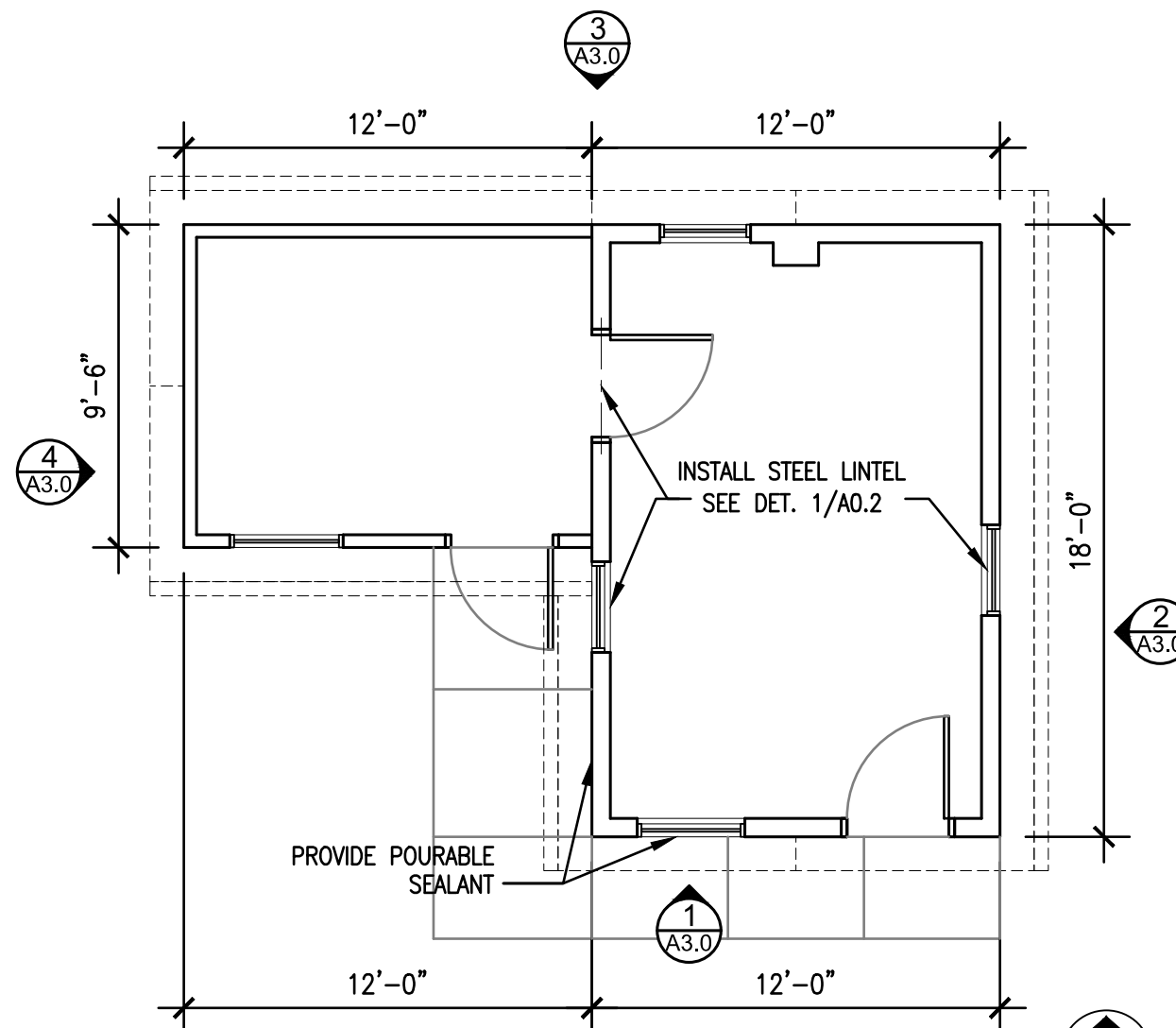
**3 NORTH ELEVATION**  
SCALE: 3/16" = 1'-0"



**4 WEST ELEVATION**  
SCALE: 3/16" = 1'-0"



**2 EAST ELEVATION**  
SCALE: 3/16" = 1'-0"



**5 LAUNDRY PLAN**  
SCALE: 3/16" = 1'-0"

**MASONRY REPAIR SCOPE NOTES:**

- ① MASONRY CRACK. REPLACE BRICK THAT ARE CRACKED THROUGH – SEE #2. FULL DEPTH CRACKS IN MORTAR ARE TO BE REPOINTED FULL DEPTH OF BRICK. INSTALL BED JOINT MORTAR PRIOR TO POINTING. REMOVE ANY SEALANT THAT IS IN ANY CRACKS.
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- ⑧ CLEAN MASONRY AT WORK AREAS.
- ⑨ REMOVE ALL UNUSED ANCHORS. PATCH ALL HOLES IN MASONRY; SEE ITEM #7.

**BUILDING SPECIFIC NOTES:**

- A. ALL CRACKS TO THRU WALLS TO THE INSIDE. TUCKPOINT CRACKS INSIDE. COORDINATE ALL WORK IN ADVANCE WITH OWNER
- B. TUCKPOINT BOTTOM 16" OF WALL INSIDE ON NORTH AND EAST WALLS.
- C. WHITE WASH ALL AREAS OF WORK INSIDE BUILDING.

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LAUNDRY

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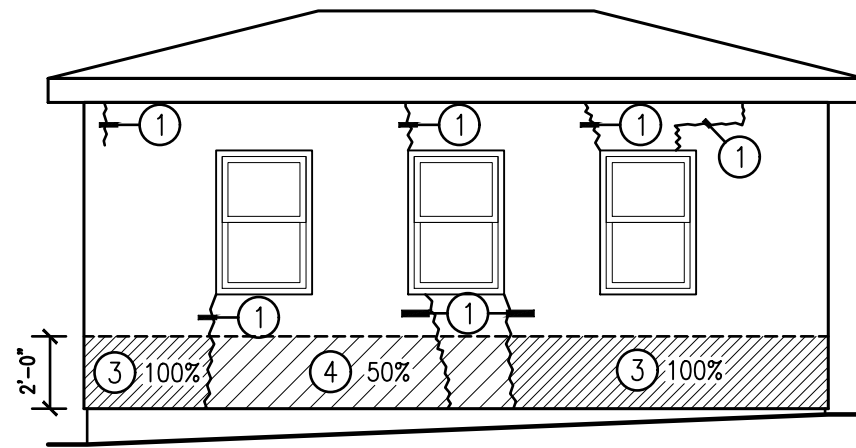
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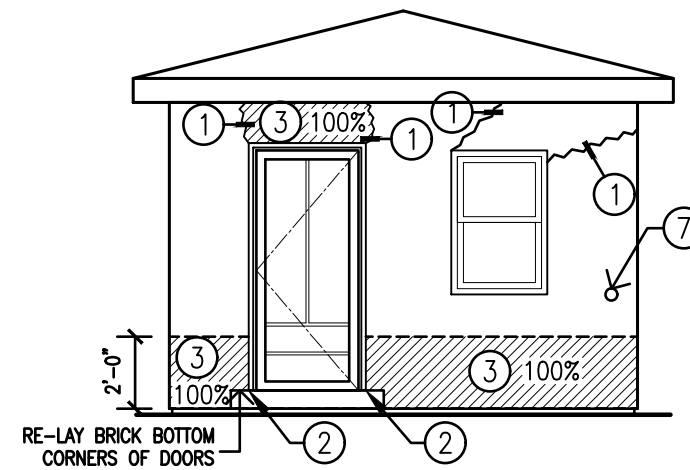
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**GENESIS**  
ARCHITECTURAL DESIGN

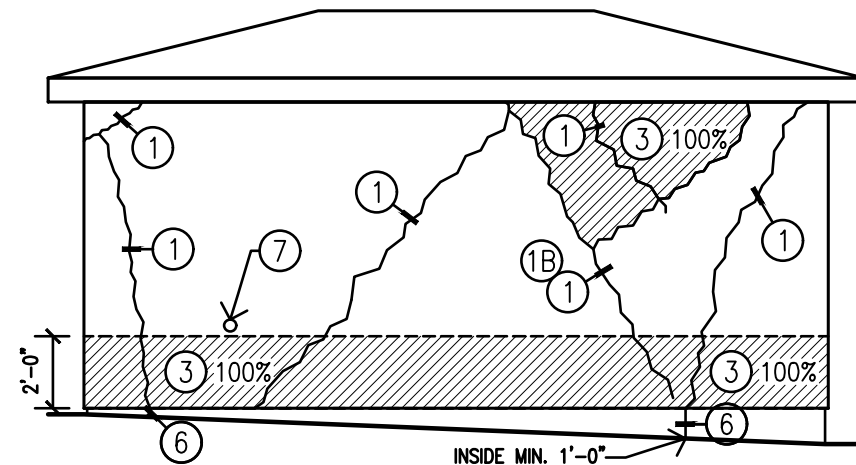




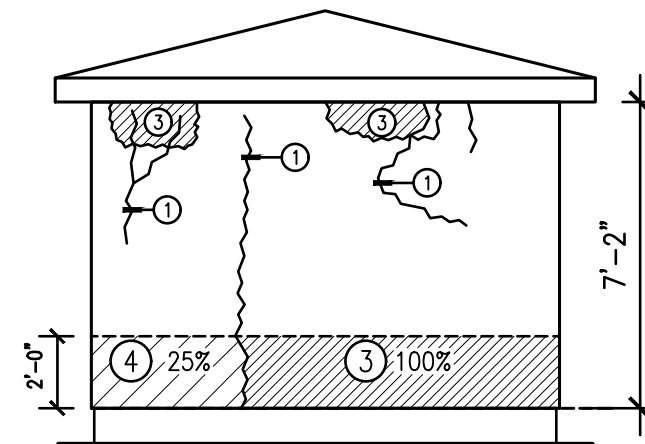
1 **SOUTH ELEVATION**  
SCALE: 3/16" = 1'-0"



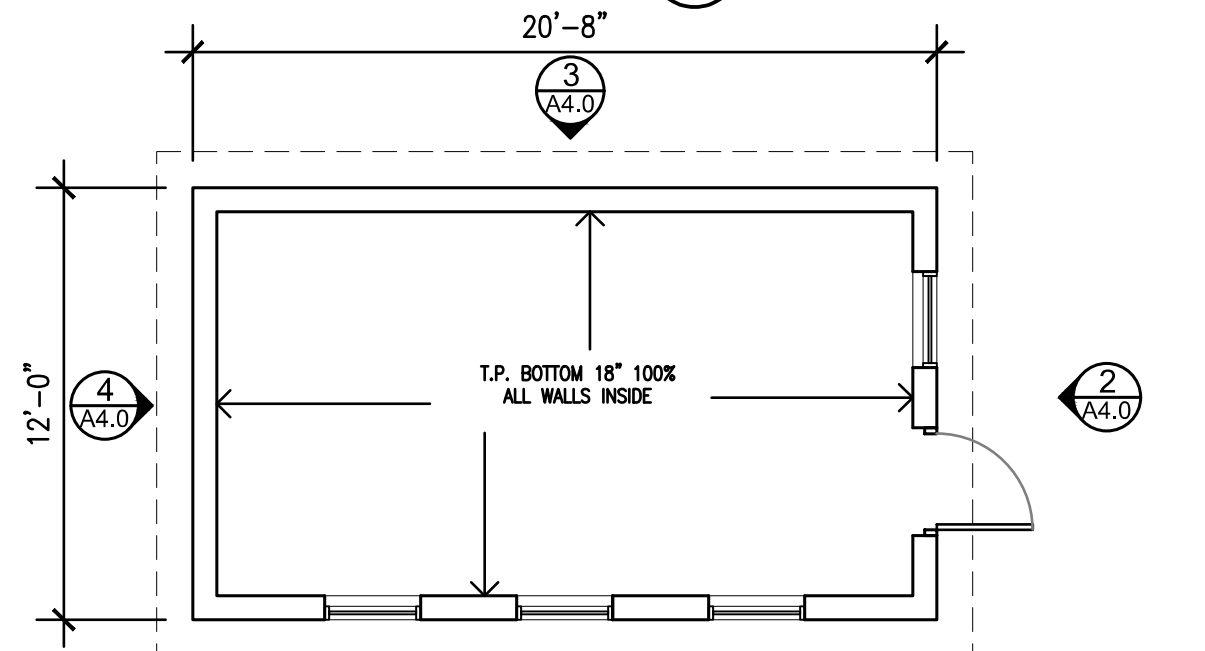
2 **EAST ELEVATION**  
SCALE: 3/16" = 1'-0"



3 **NORTH ELEVATION**  
SCALE: 3/16" = 1'-0"



4 **WEST ELEVATION**  
SCALE: 3/16" = 1'-0"



5 **COOP PLAN**  
SCALE: 3/16" = 1'-0"

# **MASONRY REPAIR SCOPE NOTES:**

- ① MASONRY CRACK. REPLACE BRICK THAT ARE CRACKED THROUGH – SEE #2. FULL DEPTH CRACKS IN MORTAR ARE TO BE REPOINTED FULL DEPTH OF BRICK. INSTALL BED JOINT MORTAR PRIOR TO POINTING. REMOVE ANY SEALANT THAT IS IN ANY CRACKS.
- ② REPLACE BRICK. CUT OUT AND REPLACE DAMAGED BRICK WITH MATCHING BRICK. INSTALL BED JOINT MORTAR PRIOR TO POINTING.
- ③ REPOINT AREA OF BRICK. REPOINT MASONRY PER THE PERCENTAGE OF JOINTS INDICATED IN AREA INDICATED BY HATCH. 100% UNLESS NOTED OTHERWISE.
- ④ DEEP BED JOINT REPAIR AREA. PERFORM DEEP BED JOINT REPAIRS PER THE AREA INDICATED BY HATCH. ADD AN ADDITIONAL 10% OVER AREAS INDICATED.
- ⑤ REPAIR DAMAGED OR SPALLED STONE WITH STONE PATCHING COMPOUND. BUILD OUT PER MANUFACTURER'S RECOMMENDATIONS. MATCH EXISTING STONE TEXTURE AND PROFILE.
- ⑥ FOUNDATION CRACK. ROUT OUT CRACK AND REPAIR WITH CONCRETE PATCHING COMPOUND. DEEP CRACKS TO HAVE INJECTION REPAIR GROUT W/ 1" CONCR. PATCHING COMPOUND ON EXTERIOR.
- ⑦ GROUT PATCH HOLE WITH GROUT COLORED TO MATCH MASONRY.
- ⑧ CLEAN MASONRY AT WORK AREAS.
- ⑨ REMOVE ALL UNUSED ANCHORS. PATCH ALL HOLES IN MASONRY; SEE ITEM #7.

## **BUILDING SPECIFIC NOTES:**

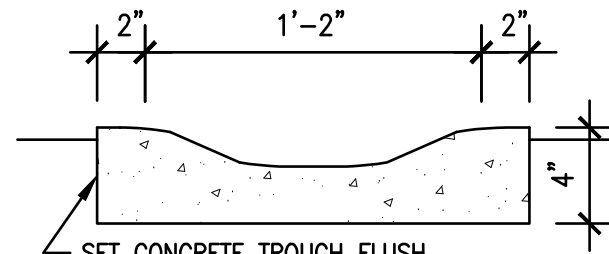
- A. WALLS ARE STRUCTURAL CLAY TILE WITH BRICK CORNERS.
- B. ALL CRACKS GO THRU TO INSIDE. TUCKPOINT INSIDE AND OUTSIDE.
- C. PACK MORTAR INTO TILE AT ALL OPEN JOINTS AND AREAS CALLED FOR DEEP JOINT REPAIRS.
- D. DRILL 1/2" DIA. HOLES (1, EACH) INTO CLAY COURSE OVER EACH WINDOW AND THE DOOR. DRILL FROM INSIDE. INJECT MORTAR GROUT INTO TILES TO CREATE AND BOND BEAM LINTEL.
- E. WHITE WASH ALL AREAS OF WORK INSIDE BUILDING.

DCA MON MAIN HOUSE SITE WORK  
AND OUTBUILDING REPAIRS  
MONTAUK HISTORIC SITE  
26223 HARDING RD, CLERMONT, IA 52135

CHICKEN COOP  
PLAN & ELEVATIONS

DAS NO.  
9226.00  
PROJECT NO.  
2114  
ISSUE DATE  
3/21/22  
SHEET NUMBER  
**A4.0**  
10 OF 20

939 OFFICE PARK RD., #101  
WEST DES MOINES, IA 50265  
TEL: 515-440-1681  
FAX: 515-440-1687  
**GENESIS**  
ARCHITECTURAL DESIGN



### CONCRETE GUTTER TROUGH

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

1  
A5.0

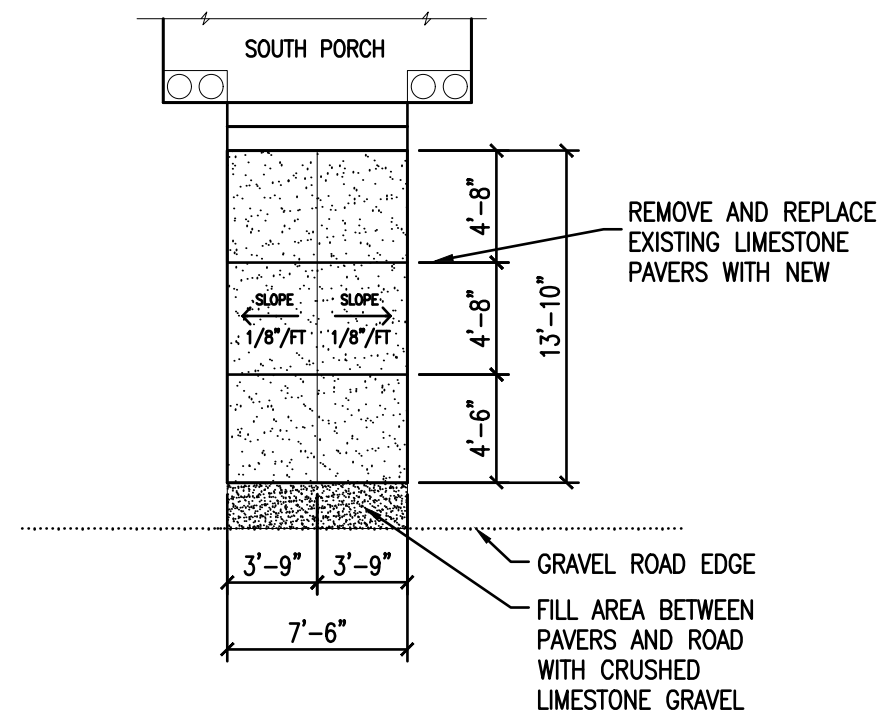
NOTE: SEE SHEET A1.0 FOR LOCATIONS ON NORTH SIDE OF WORKSHOP.

INSTALL AFTER CIVIL GRADING WORK SHOWN ON SHT. C0.5 IS COMPLETED.

- G. PATCH ENDS OF PAVERS ALONG ROAD WITH 3/8" CRUSHED LIMESTONE GRAVEL.
- H. REPAIR AND REGRADE LAWN AREA AROUND ALL PAVER WORK. SEED AND WATER TO RE-ESTABLISH LAWN.

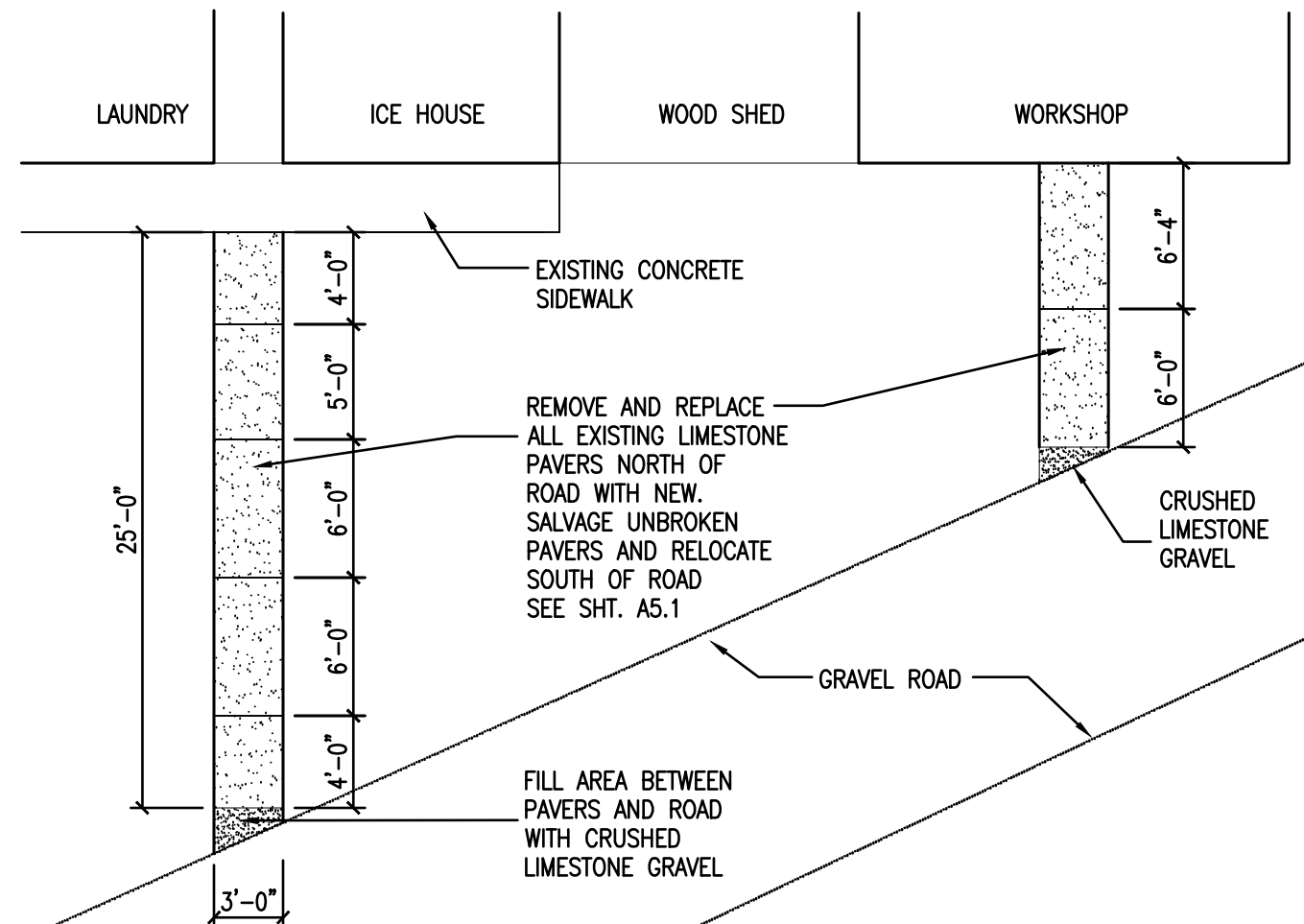
### LIMESTONE PAVER NOTES:

- A. FIELD VERIFY ALL STONE PAVER DIMENSIONS.
- B. CAREFULLY EXCAVATE TO REMOVE EXISTING PAVERS. DO NOT OVER EXCAVATE. MINIMIZE SOIL DISTURBANCE IN WORK AREA.
- C. NEW PAVERS ARE TO BE 4 INCHES THICK.
- D. CAREFULLY EXCAVATE AND REMOVE PAVERS IDENTIFIED TO BE SALVAGED AND RELOCATED. HANDLE WITH CARE TO AVOID DAMAGE. COORDINATE WITH OWNER AND CM FOR TEMPORARY STORAGE OF PAVERS BEFORE RELOCATING.
- E. SET PAVER UNITS IN FLAT AND CONTINUOUS RUNS. FILL GAPS UNDER PAVERS WITH BED OF SAND FOR SOLID BED BEARING.
- F. PROVIDE 3/8" WIDE JOINTS BETWEEN UNITS AND FILL WITH POLYMERIC JOINT SAND.



### SOUTH PAVERS

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



### NORTH PAVERS

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



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STONE PAVERS  
NORTH & SOUTH

DAS NO.  
9226.00

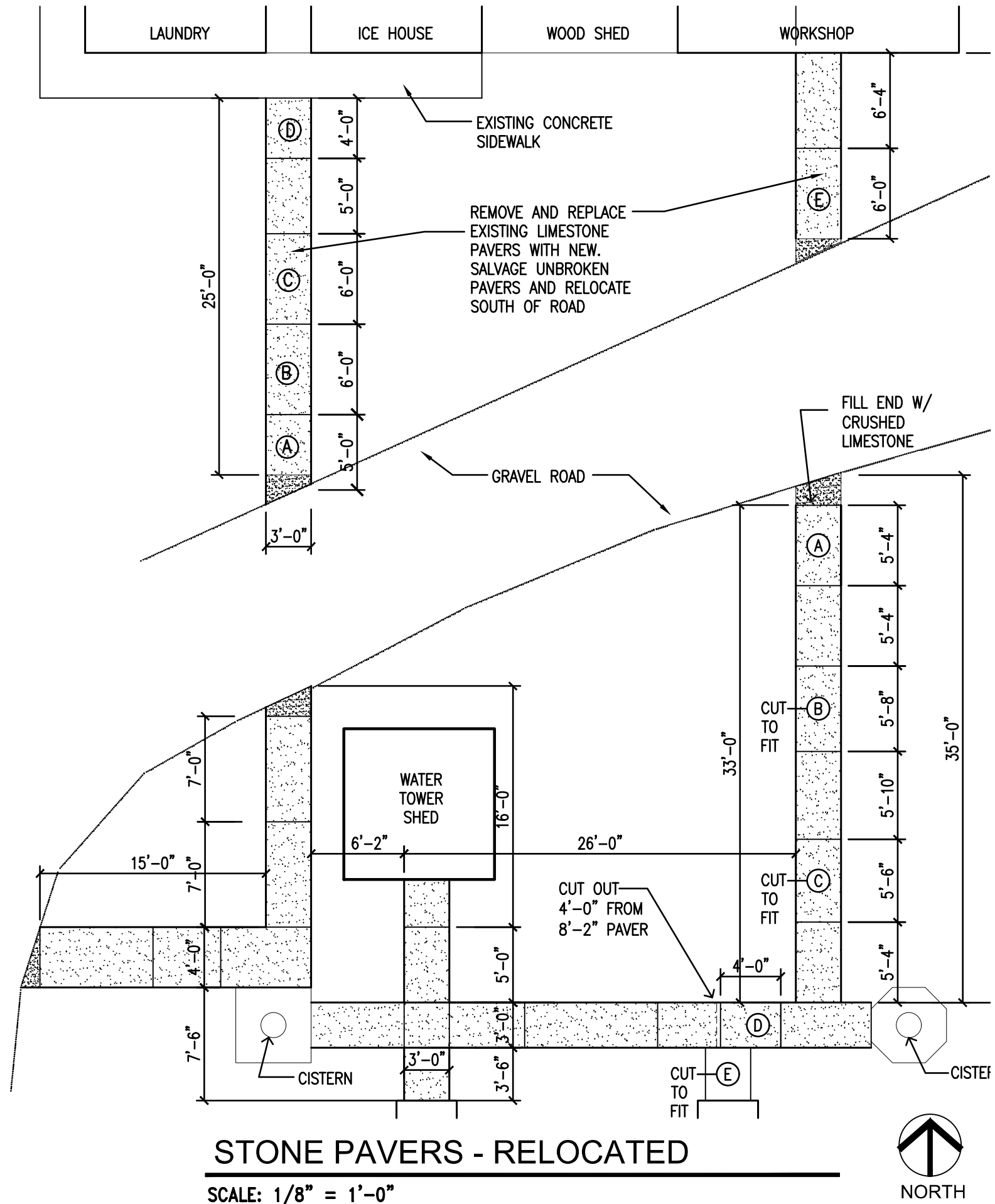
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2114

ISSUE DATE  
3/21/22

SHEET NUMBER  
A5.0

11 OF 20

939 OFFICE PARK RD., #101  
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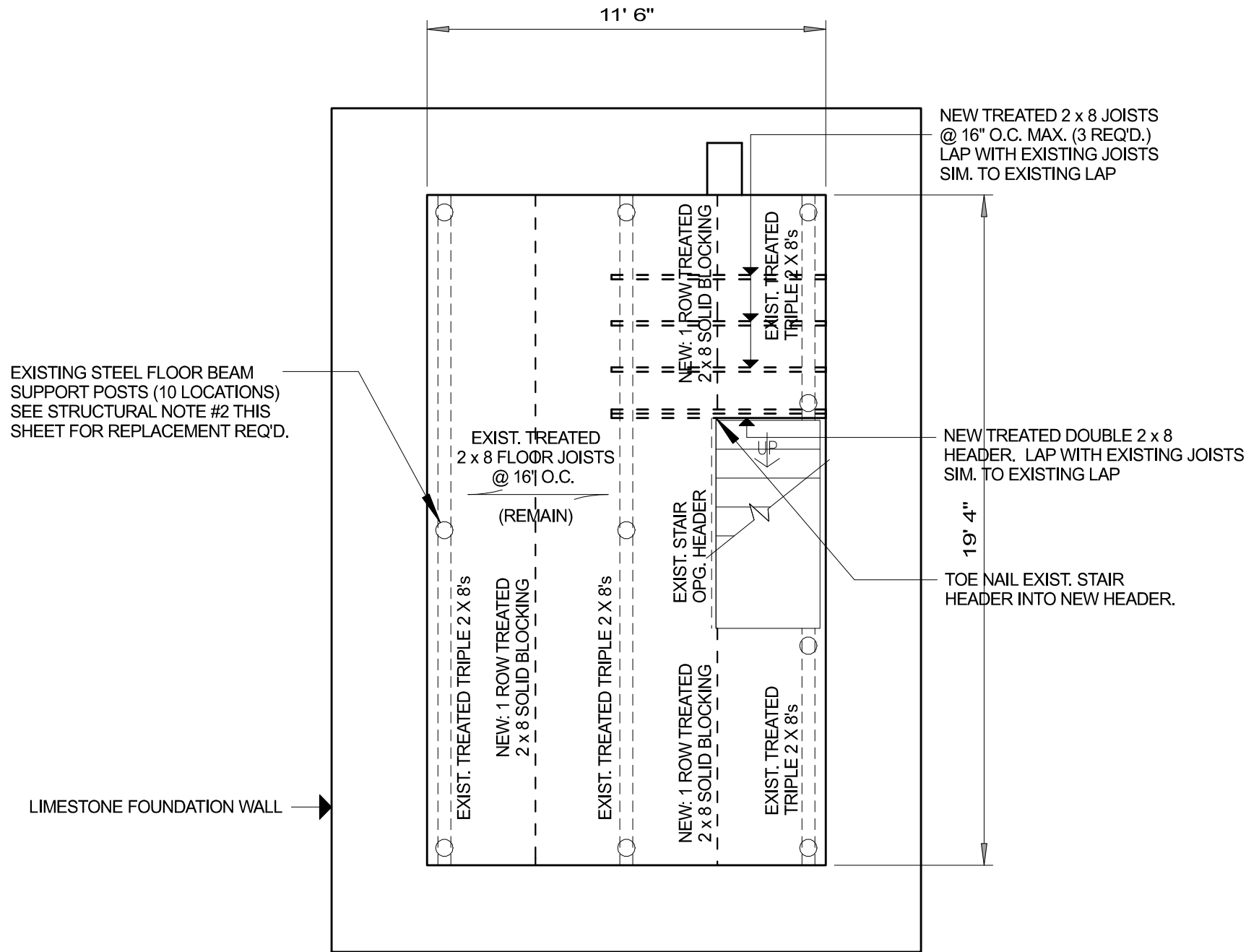


- LIMESTONE PAVER NOTES:**
- A. FIELD VERIFY ALL STONE PAVER DIMENSIONS.
  - B. CAREFULLY EXCAVATE AND REMOVE PAVERS IDENTIFIED TO BE SALVAGED AND RELOCATED TO AVOID DAMAGE. COORDINATE WITH OWNER AND CM FOR TEMPORARY STORAGE OF PAVERS BEFORE RELOCATING.
  - C. NEW PAVERS ARE TO BE 4 INCHES THICK.
  - D. OVER EXCAVATE AND SET NEW PAVERS ON 4 INCH THICK BED OF CRUSHED GRAVEL. COORDINATE OVER EXCAVATION WITH CM.
  - E. REPAIR AND REGRADE LAWN AREA AROUND ALL PAVER WORK. SEED AND WATER TO RE-ESTABLISH LAWN.

**NOTE:** RELOCATE LETTER-LABLED PAVER UNITS FROM NORTH OF ROAD TO CORRESPONDING LABLED LOCATIONS SOUTH OF ROAD. CUT EXISTING PAVERS TO FIT AS NEEDED AT NEW LOCATIONS. REMOVE AND DISPOSE OF CRUMBLD PAVERS IN DESIGNATED RELOCATION AREAS.

DCA MON MONTAUK MAIN HOUSE SITE WORK  
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26223 HARDING RD, CLERMONT, IA 52135

STONE PAVERS RELOCATED
DAS NO. 9226.00
PROJECT NO. 2114
ISSUE DATE 3/21/22
SHEET NUMBER A5.1 12 OF 20



WORKSHOP FLOOR FRAMING PLAN

SCALE: 1/4" = 1' 0"

DESIGN DATA:

- DESIGN STRESSES FOR NEW WOOD JOISTS:  
BENDING STRESS:  $F_b = 900$  P.S.i.  
TREATED DOUGLAS FIR OR SYP, #2 OR BETTER.
- DESIGN LIVE LOADS:  
WORKSHOP FLOOR - 100 P.S.F. (MUSEUM/OFFICE LOADING)

STRUCTURAL NOTES:

- CONTRACTOR SHALL CORRELATE ALL DIMENSIONS ON STRUCTURAL DRAWINGS WITH ARCH. DRAWINGS AND VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS THAT AFFECT NEW WORK. NOTIFY ARCHITECT OF ALL DISCREPANCIES.
- INSTALL TEMPORARY SHORING TO SUPPORT EXISTING BEAMS TO ALLOW REMOVAL OF THE EXISTING FLOOR SUPPORT POSTS. REPLACE ALL TEN EXISTING POSTS WITH A GALVANIZED 3" DIAMETER STANDARD PIPE COLUMN WITH A 1/2" THICK GALVANIZED STEEL BASE PLATE AND CAP PLATE.
- INSTALL NEW COLS. TIGHT TO BOTTOM OF EXISTING BEAMS AND GROUT BETWEEN TOP OF EXISTING CONCRETE PIER AND BOTTOM OF BASE PLATE WITH NON-METALLIC, NON-SHRINK GROUT. 1" MINIMUM GROUT THICKNESS. AFTER GROUT HAS CURED, ANCHOR BASE PLATE TO EXISTING PIER WITH A MINIMUM OF 2 - 5/8" DIA. EPOXY OR WEDGE ANCHORS AT EACH COLUMN.



I HEREBY CERTIFY THAT I HAVE PERSONALLY PREPARED THIS ENGINEERING DOCUMENT, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

DONALD G. PETERSON, P.E., IOWA #7845  
LICENSE RENEWAL DATE: 12/31/2022  
CERTIFICATION FOR STRUCTURAL ENGINEERING, SHEET S1.0

3/17/22

DATE

939 OFFICE PARK RD., #101  
WEST DES MOINES, IA 50265  
TEL: 515-440-1681



STRUCTURAL  
ENGINEER:

PETERSON ENGINEERS  
1200 VALLEY WEST DRIVE SUITE 100  
WEST DES MOINES, IA 50266-1806  
TEL: 515-440-1681  
FAX: 515-440-1682  
www.petersoneng.com  
pet@petersoneng.com

PROJECT TITLE:

DCA MON MAIN HOUSE SITE WORK  
AND OUTBUILDING REPAIRS  
MONTAUK HISTORIC SITE  
26223 HARDING RD., CLERMONT, IA.

SHEET CONTENTS:

WORKSHOP  
STRUCTURAL PLANS  
AND DETAILS

REVISIONS:

NOTE:	DATE:

DAS NO.  
9226.00

GENESIS PROJECT NO.  
2114

ISSUE DATE  
3-14-2022

SHEET NUMBER

S1.0

ABC	ANGLE	FE	POLYETHYLENE PIPE
AC	AGGREGATE BASE COURSE	FI	POINT OF INTERSECTION
ACI	ACRE(S)	FL	PLATE
AGR	AMERICAN CONCRETE INSTITUTE	FLG	PLUG VALVE
AISC	AGGREGATE	PLP	POLYPROPYLENE PIPE
ALT	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	PLYWD	PLYWOOD
ARCH	ALTERNATE	PM	PRINCIPAL MERIDIAN
ASPH	ARCHITECT	PR	PRESSURE REGULATORS
ASTM	ASPHALT	PRC	POINT OF REVERSE CURVATURE
B	AMERICAN SOCIETY OF TESTING AND MATERIALS	PRESS	PRESSURE
BFP	BALL VALVE	PR, PROP	PROPOSED
BIT	BACKFLOW PREVENTER	PRV	PRESSURE REDUCING VALVE
BLDG	BITUMINOUS	PSF	POUNDS PER SQUARE FOOT
BLK	BUILDING	PSI	POUNDS PER SQUARE INCH
BM	BLOCKING	PSL	PIPE SLEEVE
BOT	BENCHMARK	PT	POINT OF TANGENCY
BSMT	BOTTOM	PLG	PLUG VALVE
BV	BASEMENT	PVC	POLYVINYL CHLORIDE (PLASTIC) PIPE
B-W	BUTTERFLY VALVE	R	RADIUS
C	BACK-TO-BACK OF CURB DIMENSION	RDCR	REDUCER
C or G	CENTERLINE	RCCP	REINFORCED CONCRETE CYLINDER PIPE
C to C	CENTER TO CENTER	RCP	REINFORCED CONCRETE PIPE
C & G	CURB AND GUTTER	RD	ROOF DRAIN
CF	CUBIC FEET	REINF	REINFORCING
CHD	CHORD LENGTH	REQD	REQUIRED
CI	CAST IRON PIPE	ROW	RIGHT OF WAY
CHK	CHECK VALVE	RFT	RAFTER
CLR	CLEAR	RND	ROUND
CMF	CORRUGATED METAL PIPE	RR	RAILROAD
CMU	CONCRETE MASONRY UNIT	RRESP	RAILROAD SPIKE
CTY	COUNTY	RT	RIGHT
CONC	CONCRETE	R&R	REMOVE AND REPLACE
C-B	CONTINUOUS	S	SOUTH
C-NT	CENTERLINE TO BACK OF CURB DIMENSION	SB	STREAM BED
COORD	COORDINATE	SCHED	SCHEDULE
CU	COPPER PIPING	SEC	SECTION
CTRS	CENTERS	SF	SQUARE FEET
CY	CUBIC YARDS	SHR	SHOWER
CS	CORPORATION STOP	SHI	SHEET
D	DEGREE OF CURVE	SHG	SHEATHING
DEP	DEPRESSED	SP	SANITARY PIPE
DET	DETAIL	SPA	SPACING OR SPACES
DIAG	DIAGONAL	SPEC	SPECIFICATION
DIM	DIMENSION	SQ	SQUARE
DI	DUCTILE IRON PIPE	SS	SANITARY SERVICE
DN	DOWN	STA	STATION
DNSTR	DOWNSTREAM	STD	STANDARD
DP	DRAINAGE PIPE/STORM PIPE	STL	STEEL
DWG	DRAWING	STRUCT	STRUCTURAL
E	EAST	SW	SIDEWALK
EJ	EXPANSION JOINT	SY	SQUARE YARDS
EL	ELEVATION	SYM	SYMMETRICAL
EP	EDGE OF PAVEMENT	TAN	TANGENT LENGTH
EQUIP	EQUIPMENT	TBC	TCP BACK OF CURB
EQUIV	EQUIVALENT	TBM	TEMPORARY BENCH MARK; BASED ON BENCHMARK DATUM
EW	EACH WAY	TD	TILE DRAIN
EXP	EXPANSION	THK	THICK
EX, EXIST	EXISTING	TR	TREAD
EXT	EXTERIOR	TY	TYPE
E =	EXTERNAL DISTANCE	TYP	TYPICAL
FD	FLOOR DRAIN	U.O.N.	UNLESS OTHERWISE NOTED
FCN	FOUNDATION	UP	UTILITY POLE
FE	FIELD ENTRANCE	UPSTR	UPSTREAM
FF	FINISH FLOOR	UR	URINAL
FIL	FILLET	USGS	US GEOLOGICAL SURVEY
FIN	FINISH	VC	VERTICAL CURVE
FL	FLOW LINE	VCP	VITRIFIED CLAY PIPE
FLR	FLOOR	VERT	VERTICAL
FM	FORCE MAIN	VOL	VOLUME
FND	FOUND	VPC	VERTICAL POINT OF CURVATURE
FRMG	FRAMING	VPI	VERTICAL POINT OF INTERSECTION
FTG	FOOTING	VPRC	VERTICAL POINT OF REVERSE CURVATURE
F-F	FACE TO FACE	VPT	VERTICAL POINT OF TANGENCY
GA	GAUGE	W	WEST
GI	GALVANIZED IRON PIPE	WC	WATER CLOSET
GRD	GRADE	WF	WIDE FLANGE
GRS	GRATING SUPPORT	WM	WATER MAIN
GRT	GROUT	WMQ	WATER MAIN QUALITY
GV	GAS VALVE	WV	WATER VALVE
GYP	GYP(S)UM	WGT	WEIGHT
HSE	HOUSE	WP	WEATHER PROOF
HC	HORIZONTAL CURVE	WS	WATER SERVICE
HMA	HOT MIX ASPHALT	WWF	WELDED WIRE FABRIC
HNGR	HANGER	W/	WITH
HORIZ	HORIZONTAL	W/C	WITHOLT
H.P.	HIGH POINT	XP	EXPLOSION PROOF
HW	HOT WATER		
HWH	HOT WATER HEATER		
Δ	CENTRAL ANGLE		
I	MOMENT OF INERTIA		
ID	INSIDE DIAMETER		
INT	INTERIOR		
INV	INVERT ELEVATION; BASED ON BENCH MARK DATUM		
IP	IRON PIPE		
JST	JOIST		
L	LENGTH OF CURVE		
LAT	LATERAL		
LAV	LAVATORY		
LF	LINEAL FEET		
L.P.	LOW POINT		
LT	LEFT OF SURVEY BASE LINE		
MAX	MAXIMUM		
ME	MATCH EXISTING		
MF	MANHOLE		
MIN	MINIMUM		
MJ	MECHANICAL JOINT		
MTL	METAL		
N	NORTH		
No. or #	NUMBER		
NCM	NOMINAL		
NTS	NOT TO SCALE		
OC	ON CENTER		
OD	OUTSIDE DIAMETER		
OD	OUTSIDE TO OUTSIDE		
OPNG	OPENING		
OPP	OPPOSITE		
PC	POINT OF CURVATURE		
PCC	PORTLAND CEMENT CONCRETE		
PCF	POUNDS PER CUBIC FOOT		
PDP	PERFORATED DRAIN PIPE		

EXISTING		CIVIL		PROPOSED	
EXISTING R.O.W.		RIGHT-OF-WAY LINE		PROPOSED R.O.W.	
		PROPERTY LINE			
		CENTERLINE			
		SETBACK LINE			
		EASEMENT LINE			
		SECTION LINE			
		SECTION CORNER			
N 1000.00 E 1000.00		COORDINATE POINT ON GRID SYSTEM			
• FND		FOUND OR SET PROPERTY PIN		○ SET	
⊕		RIGHT-OF-WAY MARKER		⊕	
⊕		BENCHMARK			
600		CONTOUR LINE		600	
SPOT ELEVATION (AT)		SPOT ELEVATION (AT)		600.00	
X		FENCE LINE		X	
SILT FENCE LINE		SILT FENCE LINE		O O	
CURB AND GUTTER		CURB AND GUTTER			
TIP OUT CURB AND GUTTER		TIP OUT CURB AND GUTTER			
SAWCUT, LIMITS OF PAVEMENT REMOVAL & REPLACEMENT		SAWCUT, LIMITS OF PAVEMENT REMOVAL & REPLACEMENT			
X"		DECIDUOUS TREE W/ SIZE		X"	
X"		CONIFEROUS TREE W/ SIZE		X"	
X"		TREE STUMP			
HEDGEROW		HEDGEROW			
BUSH OR SHRUB		BUSH OR SHRUB			
TREE LINE		TREE LINE		CL	
CONSTRUCTION LIMIT LINE		CONSTRUCTION LIMIT LINE		CL	
SIGN (MULTIPLE POST, SINGLE POST, STREET SIGN)		SIGN (MULTIPLE POST, SINGLE POST, STREET SIGN)			
SIGN (PYLON)		SIGN (PYLON)			
GUARD RAIL		GUARD RAIL			
RAILROAD TRACKS		RAILROAD TRACKS			
BUILDING		BUILDING			
MAILBOX		MAILBOX			
FLAGPOLE		FLAGPOLE			
BOLLARD		BOLLARD			
AIR CONDITIONER		AIR CONDITIONER			

EXISTING		WATER		PROPOSED	
WATER SERVICE		WATER SERVICE			
WATER PIPE		WATER PIPE			
FIRE HYDRANT		FIRE HYDRANT			
YARD HYDRANT		YARD HYDRANT			
WATER VALVE WITH BOX		WATER VALVE WITH BOX			
CURB STOP W/CURB BOX		CURB STOP W/CURB BOX			
REDUCER		REDUCER			
WATER VALVE VAULT		WATER VALVE VAULT			
11.25° BEND		11.25° BEND			
22.50° BEND		22.50° BEND			
45° BEND		45° BEND			
90° BEND		90° BEND			
TEE		TEE			
CAP		CAP			
WATER METER		WATER METER			
SPRINKLER HEAD		SPRINKLER HEAD			
TRACER WIRE BOX		TRACER WIRE BOX			

EXISTING		STORM SEWER		PROPOSED	
STORM SEWER		STORM SEWER			
DRAIN TILE		DRAIN TILE			
DITCH LINE (PAVED)		DITCH LINE (PAVED)			
DITCH LINE (UNPAVED)		DITCH LINE (UNPAVED)			
STORM MANHOLE		STORM MANHOLE			
CATCH BASIN		CATCH BASIN			
STORM SEWER INLET		STORM SEWER INLET			
STORM SEWER INLET - BEHIND CURB		STORM SEWER INLET - BEHIND CURB			
DOWNSPOUT		DOWNSPOUT			
CULVERT AND SIZE		CULVERT AND SIZE		X" TYPE	
RCPP OR RCP EQRS (RCAP) END SECTION		RCPP OR RCP EQRS (RCAP) END SECTION		B	
METAL OR HDPE END SECTION		METAL OR HDPE END SECTION		D	
FLOW DIRECTION		FLOW DIRECTION		→	

EXISTING		EROSION CONTROL		PROPOSED	
EROSION CONTROL BLANKET		EROSION CONTROL BLANKET			
TEMPORARY AND PERMANENT SEEDING AREA		TEMPORARY AND PERMANENT SEEDING AREA			
UNDISTURBED AREA		UNDISTURBED AREA			
STABILIZED CONSTRUCTION ENTRANCE		STABILIZED CONSTRUCTION ENTRANCE			
SILT FENCE		SILT FENCE			
INLET PROTECTION		INLET PROTECTION			
TEMPORARY SEDIMENT TRAP		TEMPORARY SEDIMENT TRAP			
CULVERT INLET PROTECTION		CULVERT INLET PROTECTION			
ROCK OUTLET PROTECTION		ROCK OUTLET PROTECTION			
ROCK CHECK DAM - COURSE AGGREGATE		ROCK CHECK DAM - COURSE AGGREGATE			
ROCK CHECK DAM - RIP RAP		ROCK CHECK DAM - RIP RAP			
DITCH CHECK		DITCH CHECK			

EXISTING		UTILITY		PROPOSED	
FIBER OPTIC LINE		FIBER OPTIC LINE		FO	
UNDERGROUND TV CABLE		UNDERGROUND TV CABLE		TV	
CABLE TV RISER PEDESTAL		CABLE TV RISER PEDESTAL		⊕	
OVERHEAD UTILITY		OVERHEAD UTILITY		OU	
UNDERGROUND ELECTRIC		UNDERGROUND ELECTRIC		UE	
ELECTRIC RISER PEDESTAL		ELECTRIC RISER PEDESTAL		⊕	
ELECTRIC MANHOLE		ELECTRIC MANHOLE		⊕	
UNDERGROUND TELEPHONE		UNDERGROUND TELEPHONE		T	
TELEPHONE RISER PEDESTAL					


**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL

## LEGEND & CERTIFICATION

DAS NO.	9226.00
PROJECT NO.	2114
ISSUE DATE	03/14/2022
SHEET NUMBER	C.01
	14 OF 20



I hereby certify that this engineering document was prepared by me  
or under my direct personal supervision and that I am a duly  
licensed Professional Engineer under the laws of the State of Iowa.

 3/14/2022

\_\_\_\_\_  
Jon G. Biederman, P.E. Date


License Number 13868

My license renewal date is December 31, 2022.  
Pages or sheets covered by this seal: C.01-C.06



<div>GENERAL NOTES</div> <div><div>1. All work shall conform to and be performed in accordance with all applicable codes and ordinances.</div><div>2. The Urban Standard Specifications for Public Improvements (SUDAS), 2022 edition plus Supplemental Specifications and Special Provisions as prepared by Fehr Graham shall be considered a part of these documents as if bound herein.</div><div>3. Any quantities shown on the Civil Sheets C.01 through C.06 are to assist the Bidder. The Bidder/Contractor shall make a final determination of the quantities required to complete the work and the bid shall be on the basis of the Bidder/Contractor's own calculations. Payment for work specified on Sheets C.01 through C.06 shall be per the project contract documents and not that listed in SUDAS. Any comment related to quantity or payment on the C Sheets is solely provided to assist the Bidder/Contractor in the preparation of bidding and shall not be cause for change order request.</div><div>4. Construction Survey for this project to be provided by the OWNER. The Contractor is required to provide minimum of two business days' notice to the Engineer when requesting stakes. or CONTRACTOR.</div><div>5. The CONTRACTOR shall notify all appropriate engineering departments and utility companies prior to construction. All necessary precautions shall be taken to avoid damage to any existing utility. Iowa Code 480, Underground Facilities Information, requires notice to Iowa One Call (1-800-292-8989) not less than 48 hours before excavation, excluding weekends and legal holidays.</div><div>6. The location of existing underground utilities and rock elevations are shown in an approximate way only and have not been independently verified by the OWNER or its representative. The CONTRACTOR shall determine the exact location of all existing utilities and rock elevations before commencing work, and agrees to be fully responsible for any and all damages which might be occasioned by the CONTRACTOR'S failure to locate and preserve any and all underground utilities and rock elevations.</div><div>7. The CONTRACTOR shall visit the site and inspect the project area and become thoroughly familiar with the actual job conditions prior to bidding and the start of any work. Failure to visit the site shall not relieve the CONTRACTOR from performing the work in accordance with these drawings.</div><div>8. The CONTRACTOR shall verify at the site, all dimensions and conditions shown on the drawings, and shall notify the ENGINEER of any discrepancies, omissions, and/or conflict prior to proceeding with the work.</div><div>9. The CONTRACTOR shall not scale drawings. Dimensions shall govern. Large scale drawings shall govern over small scale drawings. Notes and details on the drawings shall apply to all similar conditions whether they are repeated or not.</div><div>10. The CONTRACTOR shall be responsible for any damage to existing facilities outside the construction limits resulting from negligence.</div><div>11. CONTRACTOR shall protect existing facilities, buildings, and other appurtenances not to be removed from the site during the construction activities.</div><div>12. CONTRACTOR shall confine his work to the construction limits and easements. If the CONTRACTOR obtains additional easement for the storage of equipment and materials, copies of the agreements with the property Owners shall be provided to the OWNER.</div><div>13. CONTRACTOR shall submit a detailed construction schedule and staging plan a minimum of two (2) days prior to the preconstruction meeting.</div><div>14. CONTRACTOR shall be responsible to maintain access to individual properties during construction whenever practical. CONTRACTOR shall notify residents of access restrictions minimum of 24 hours prior to removal of existing access.</div><div>15. CONTRACTOR shall submit for acceptance work plans and schedules for accomplishment of temporary and permanent erosion control prior to the start of construction.</div><div>16. CONTRACTOR shall coordinate temporary disruption of utility services with the affected utility companies and/or affected property owners when relocating existing facilities, connecting to existing facilities and placing new services.</div></div>	<div><div>SUPPLEMENTAL SPECIFICATIONS</div><div>Statewide Urban Design and Specifications (SUDAS) are the base specification for this project. The following supplemental specifications modify the standard specifications. SUDAS method of measurement and payment does not apply for this project. All costs shall be included in the overall bid as specified in the contract documents.</div><div>DIVISION 3 – TRENCH AND BACKFILL</div><div>2.02 – BEDDING MATERIAL<div>A. 1. Use clean stone for pipe envelope in wet trench or as directed by the Engineer. IDOT gradation no. 11, 12 or 31 shall be used for pipe envelope in dry trench unless otherwise directed by the Engineer.</div></div><div>3.05 – PIPE BEDDING AND BACKFILL<div>Pipe Embedment Requirements for Rigid Gravity Pipe:<div>RCP: Class R-1</div><div>RCAP and RCEP: Class R-5</div></div><div>Pipe Embedment Requirements for Flexible Gravity Pipe:<div>DIP: Class F-1</div><div>PVC Truss Pipe and DR18: Class F-2</div><div>HDPE Single &amp; Dual Wall, PVC Gravity Pipe (SDR 23.5, 26, 35): Class F-3</div></div><div>Pipe Embedment Requirements for Pressure Pipe:<div>DIP: Class P-3</div><div>PVC DR18: Class P-3</div></div></div><div>DIVISION 4 – SEWERS AND DRAINS</div><div>SECTION 4020<div>1.03 – SUBMITTALS<div>A. The Jurisdictional Engineer hereby requests that all materials to be incorporated into the work have certifications furnished which show that the materials comply with Specifications prior to any construction.</div></div><div>2.01 – STORM SEWERS<div>A. 2. Storm sewer main to be HDPE dual wall.</div></div><div>SECTION 4030<div>2.02 – PIPE APRONS<div>CMP pipe apron required for this project, attach to HDPE dual wall pipe.</div></div></div></div><div>DIVISION 5 – WATER MAINS AND APPURTENANCES</div><div>SECTION 5010<div>1.03 – SUBMITTALS<div>A. The Jurisdictional Engineer hereby requests that all materials to be incorporated into the work have certifications furnished which show that the materials comply with Specifications prior to any construction.</div></div><div>3.13 Insulation<div>999-B. Rigid insulation board with minimum total R=16 shall be placed 6" above existing water service line. Excavate an 8'x16' area, centered on the service line, level, place rigid insulation (4" thick will typically have total R greater than 16, verify), and backfill. Stagger, or rotate, layers of insulation board so joints do not align.</div></div></div><div>DIVISION 6 – STRUCTURES FOR SANITARY AND STORM</div><div>SECTION 6010<div>1.03 – SUBMITTALS<div>The Jurisdictional Engineer hereby requests that all materials to be incorporated into the work have certifications furnished which show that the materials comply with Specifications prior to any construction.</div></div></div><div>DIVISION 7 – STREETS &amp; RELATED WORK</div><div>SECTION 7030<div>2.08 – GRANULAR DRIVEWAY SURFACING<div>Use Class A crushed stone.</div></div></div><div>DIVISION 9 – SITE WORK &amp; LANDSCAPING</div><div>SECTION 9010<div>2.02 – SEED MIXTURES<div>All seeding shall be Type 1 (Permanent Lawn Mixture). Contractor is responsible for obtaining full grass coverage, including reseeding as may be necessary. Fertilizing and mulching is required. Hydroseeding is recommended.</div></div><div>SECTION 9040<div>3.13 – RIP RAP<div>1. Install rip rap (revetment stone or erosion stone) as shown on Figures 9040.110 and 9040.111. Place rip rap on engineering fabric.</div></div></div></div></div> <div><div>939 OFFICE PARK RD., #101 WEST DES MOINES, IA 50265 TEL: 515-440-1681 FAX: 515-440-1687</div><div>GENESISARCHITECTURAL DESIGN</div><div>FEHR GRAHAMENGINEERING &amp; ENVIRONMENTAL</div><div>MONTAUK BUILDING REPAIRS AND SITE WORK</div><div>MONTAUK HISTORIC SITE 26223 HARDING RD, CLERMONT, IA 52135</div><div>GENERAL NOTES &amp; SUPPLEMENTAL SPECIFICATIONS</div><div>DAS NO. 9226.00</div><div>PROJECT NO. 2114</div><div>ISSUE DATE 03/14/2022</div><div>SHEET NUMBER C.02 15 OF 20</div></div>
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CP#1 

CP#1 = ALUMINUM CAP ON REBAR (Pt#1)  
N-9031198.04, E-15660913.62, ELEV-1039.90

CP#2 = ALUMINUM CAP ON REBAR (Pt#2)  
N-9031386.78, E-15660901.59, ELEV-1039.22

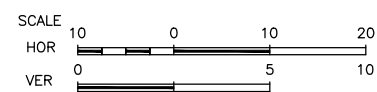
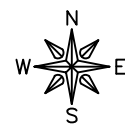
BM#1 

BM#1 = S. BOLT ON CISTERN LID (Pt# 1234)  
N-9031221.89, E-15660872.44, ELEV-1040.04'

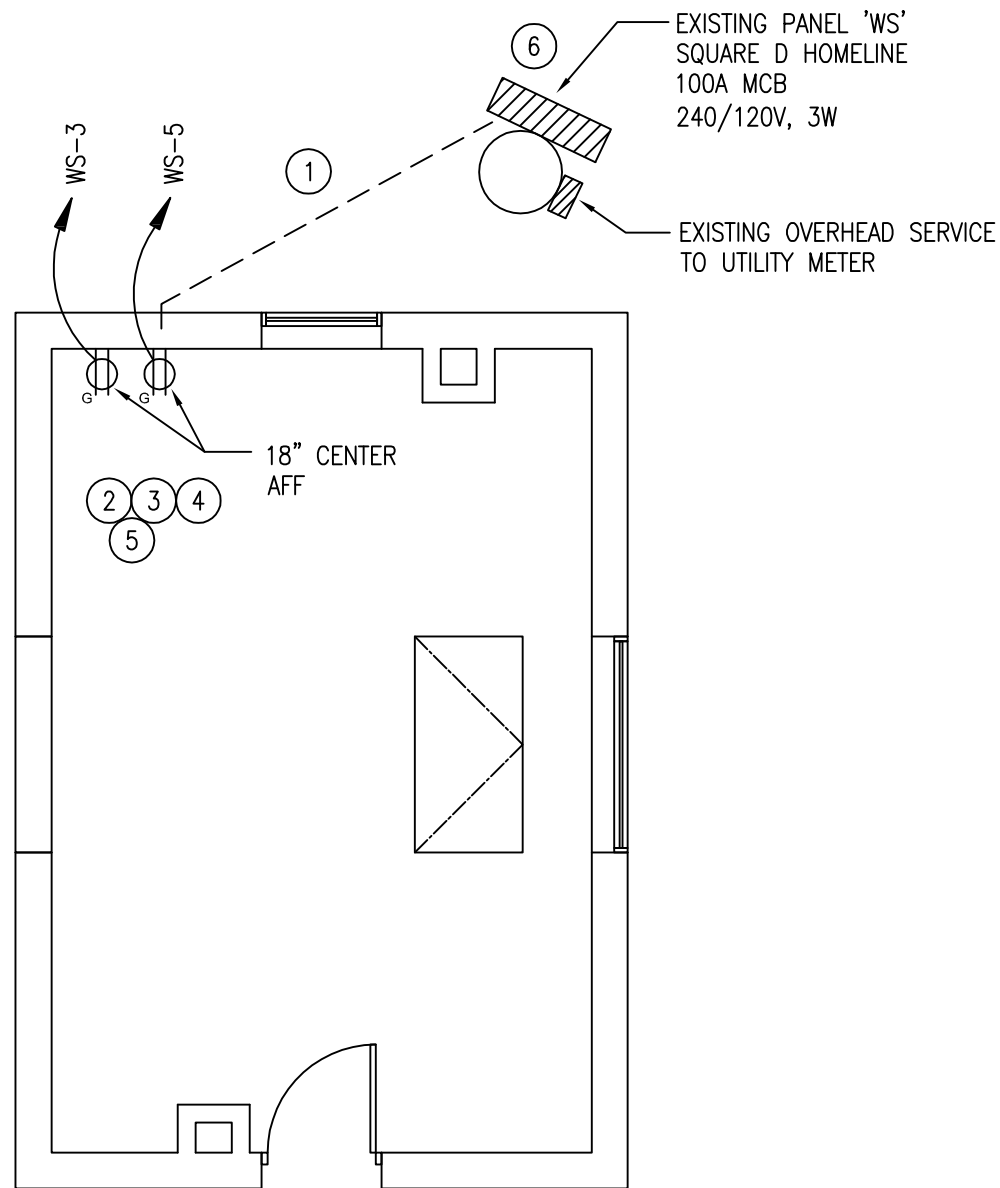
BM#2 = TOP CENTER OF METAL STRUCTURE (Pt# 1235)  
N-9031266.99, E-15660958.75, ELEV-1044.87'





[illegible]





# WORKSHOP ELECTRICAL PLAN

SCALE:3/16" = 1'-0"



NORTH



I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Matthew R. Pross 02/24/2022  
Matthew R. Pross Date

My license expiration date is: December 31, 2023

Sheets covered by this seal: E1.0

## ELECTRICAL GENERAL NOTES:

- ELECTRICAL CONTRACTOR TO VERIFY GROUNDING OF PANEL 'WS'. PANEL NEUTRAL TO GROUND SHALL BE BONDED. GROUNDING ELECTRODE CONDUCTOR TO BE INSTALLED IN ACCORDANCE WITH NEC TABLE 250.66.
- UNDERGROUND MINIMUM CONDUIT COVER TO BE INSTALLED IN ACCORDANCE WITH NEC TABLE 300.5.

## ELECTRICAL KEY NOTES:

- EXTEND BRANCH CIRCUITS IN NEW UNDERGROUND CONDUIT TO INTERIOR WALL OF WORKSHOP. CONDUIT SHALL BE 3/4" TRADE SIZE.
- BRANCH CIRCUIT CONDUCTORS SHALL BE STRANDED #12 AWG THHN.
- RECEPTACLES SHALL BE SURFACE MOUNTED WITH STAINLESS STEEL COVER PLATE.
- RECEPTACLES SHALL BE 20A, GFCI TYPE.
- INSTALL DUCT SEAL IN CONDUIT AT INTERIOR SIDE OF WALL.
- INSTALL TWO (2) 20A CIRCUIT BREAKERS IN EXISTING PANEL.

MONTAUK BUILDING REPAIRS AND SITE WORK

MONTAUK HISTORIC SITE  
26223 HARDING RD, CLERMONT, IA 52135

WORKSHOP  
PLANS

DAS NO.  
9226.00

PROJECT NO.  
2114

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20 of 20



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