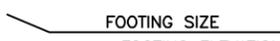


SYMBOLS LEGEND

 SECTION LABEL	 COLUMN GRID LINE
 SHEET NUMBER	 ROOM NUMBER
DETAIL NUMBER — 	STAIRS — ROOM NAME
SHEET NUMBER — 	 FOOTING SIZE
 OPENING NUMBER	 FOOTING ELEVATION
 WALL TYPE CALLOUT	 BENCH MARK
 NEW FINISH GRADE CONTOURS	 ELEVATION IN SECTION
 UNCHANGED EXISTING GRADES	 NEW ELEVATION
 ALTERED EXISTING GRADES	 EXISTING ELEVATION

**DCA MON
MAIN HOUSE SITE WORK
AND OUTBUILDING REPAIRS**

**26223 HARDING RD
CLERMONT, IOWA**

**DAS PROJECT # 9226.00
GENESIS PROJECT # 2114.02**

CONTACT INFORMATION

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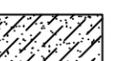
CONSTRUCTION MANAGER
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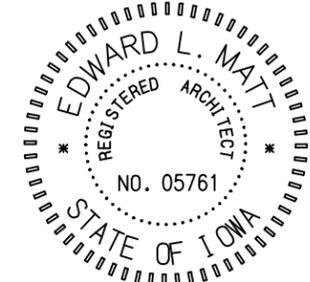
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CIVIL ENGINEER
FEHR GRAHAM
JON BIEDERMAN, P.E.
128 SOUTH VINE STREET
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MATERIALS LEGEND

 EARTH	 CONTINUOUS WOOD
 CONCRETE	 WOOD TREATED BLKG.
 COMPACTED FILL	 BRICK
 GYPSUM BOARD/ PLASTER	 CONCRETE BLOCK
 BATT INSULATION	 STONE
 PLYWOOD	 EXISTING MATERIAL



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 Digitally signed by Edward L. Matt
DN: c=US, E=ematt@genesis.com, OU=*,
O=GENESIS Design, CN=Edward L. Matt
Date: 2022.03.25 14:54:11-0500' 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

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A5.0	PAVER PLAN - NORTH & SOUTH
A5.1	PAVER PLAN - RELOCATED
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C.02	GEN. NOTES + SUPPLEMENTAL SPECIFICATIONS
C.03	EXISTING CONDITIONS PLAN
C.04	BASE BID SITE PLAN
C.05	ALTERNATE BID SITE PLAN
C.06	SUDAS DETAILS
E1.0	ELECTRICAL PLAN

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

COVER SHEET

DAS NO. 9226.00

PROJECT NO. 2114

ISSUE DATE 3/21/22

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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		
		OC	ON CENTER
CC	CENTER TO CENTER	OPNG	OPENING
CJ	CONTROL JOINT	ORIG	ORIGINAL
☉	CENTER LINE	OS	OUTSIDE
CMU	CONCRETE MASONRY UNIT		
COL	COLUMN	PR	PAIR
CONC	CONCRETE	PROT	PROTECTION
CONT	CONTINUOUS	PT	PAINT
CONTR	CONTRACTOR		
CRS	COURSES	R&R	REMOVE AND REPLACE
CTR	CENTER	RAD	RADIUS
		RCJ	REINFORCED CONTROL JOINT
D	DEPTH	RCMU	REINFORCED CONC. MASONRY JT.
DEMO	DEMOLITION	REBAR	REINFORCING BAR
DTL	DETAIL	REINF	REINFORCED
DIA	DIAMETER	REJ	ROOF EXPANSION JOINT
DIM	DIMENSION	REQ'D	REQUIRED
DN	DOWN	RQMT	REQUIREMENT
DO	REPEAT		
DWG	DRAWING	SECT	SECTION
		SF	SQUARE FOOT OR FEET
EA	EACH	SHT	SHEET
EJ	EXPANSION JOINT	SIM	SIMILAR
EJF	EXPANSION JOINT FILLER	SPEC	SPECIFICATION
ELEV	ELEVATION	SQ	SQUARE
ENGR	ENGINEER	STD	STANDARD
EQ	EQUAL	STL	STEEL
EX/EXST	EXISTING		
EXT	EXTERIOR	T&B	TOP AND BOTTOM
		TOW	TOP OF WALL
FND	FOUNDATION	T.P.	TUCK POINT
FIN	FINISH	TWF	THROUGH WALL FLASHING
FLR	FLOOR	TYP	TYPICAL
FT	FOOT OR FEET		
		UNO	UNLESS NOTED OTHERWISE
GA	GAUGE	VERT	VERTICAL
GALV	GALVANIZED		
GND	GROUND	W	WIDTH
		W/	WITH
H	HIGH	W/O	WITHOUT
HGT	HEIGHT	WCJ	WALL CONTROL JOINT
HORIZ	HORIZONTAL	WD	WOOD
		WEJ	WALL EXPANSION JOINT
IAW	IN ACCORDANCE WITH	WGT	WEIGHT
INCL	INCLUDED		
INT	INTERIOR		
IS	INSIDE		
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.

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MONTAUK HISTORIC SITE
26223 HARDING RD, CLERMONT, IA 52135

PRESERVATION
NOTES AND
ABBREVIATIONS

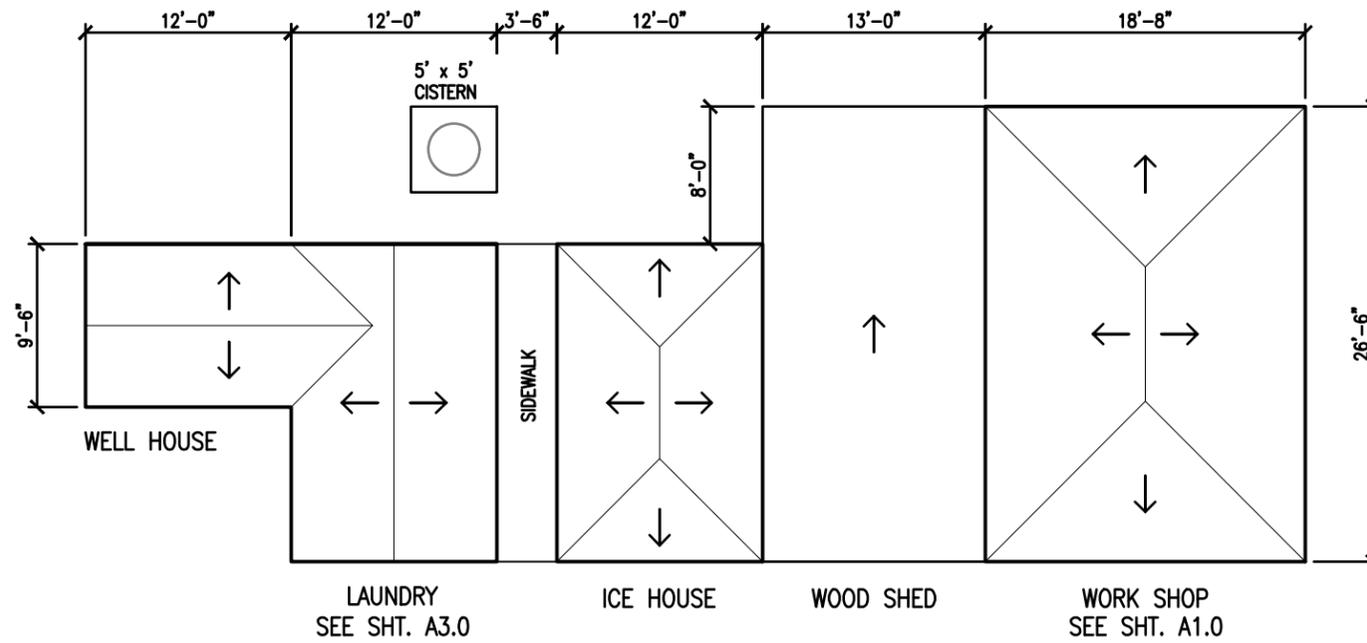
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9226.00

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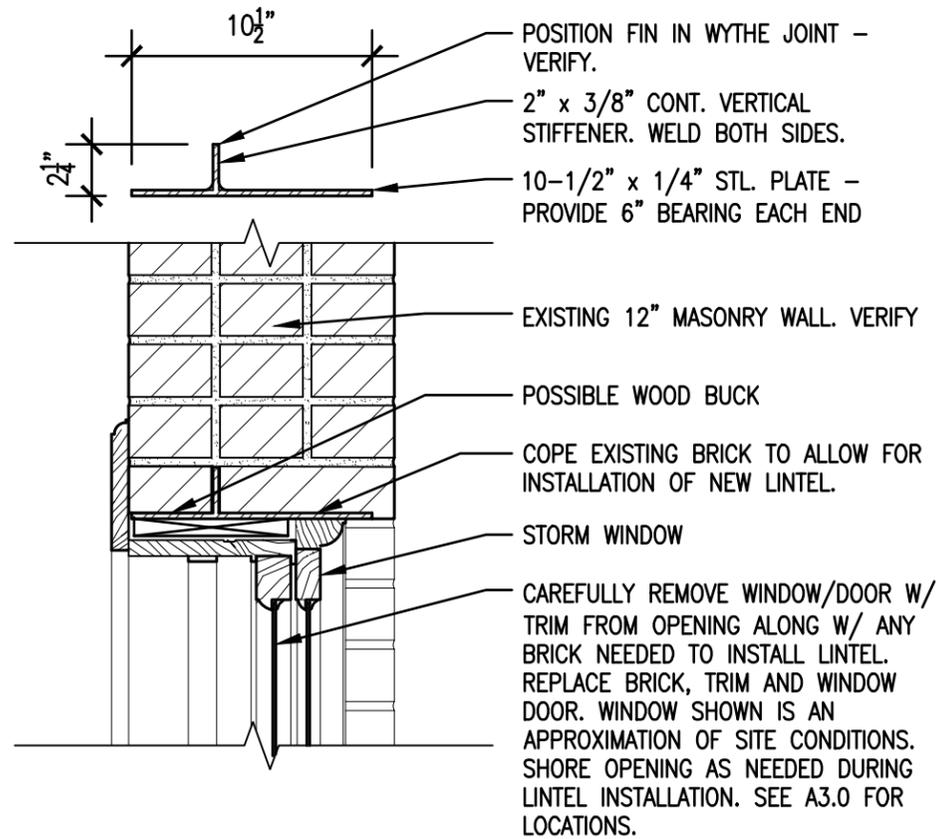
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PLAN OF OUTBUILDINGS

SCALE: 3/32" = 1'-0"



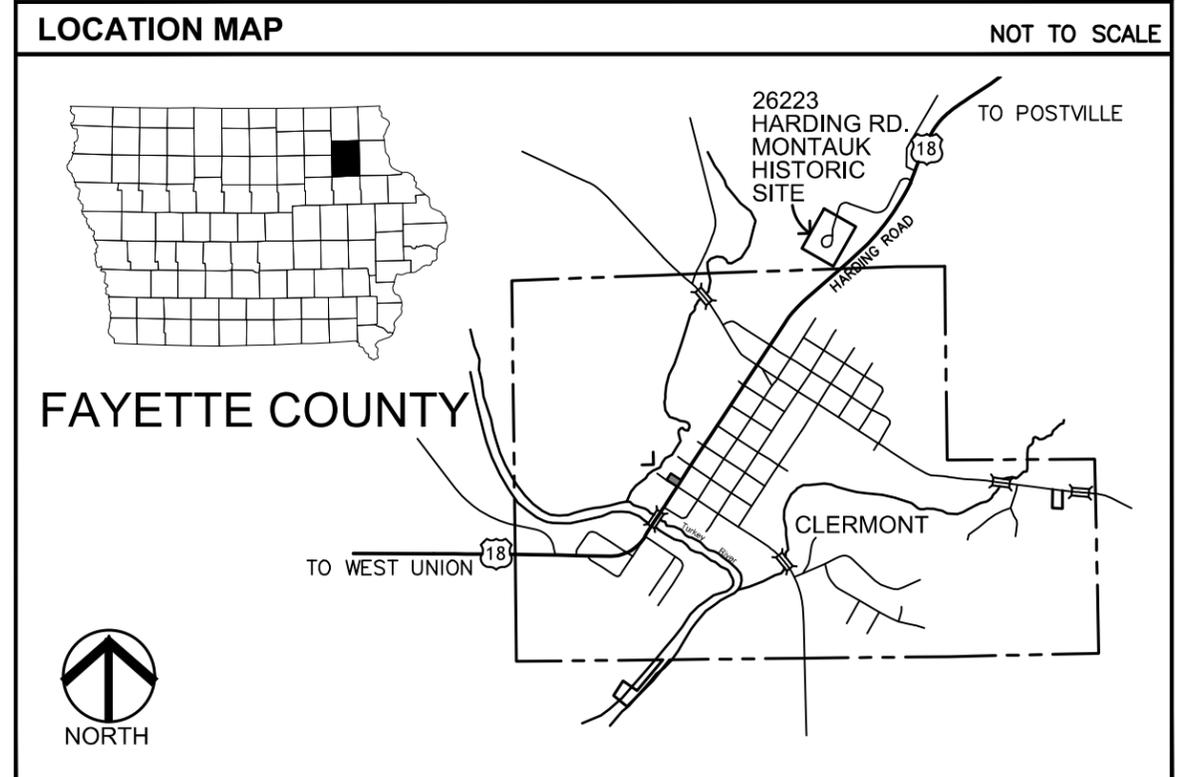
STEEL LINTEL DETAIL

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



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.
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LOCATION MAP AND
OUTBUILDINGS

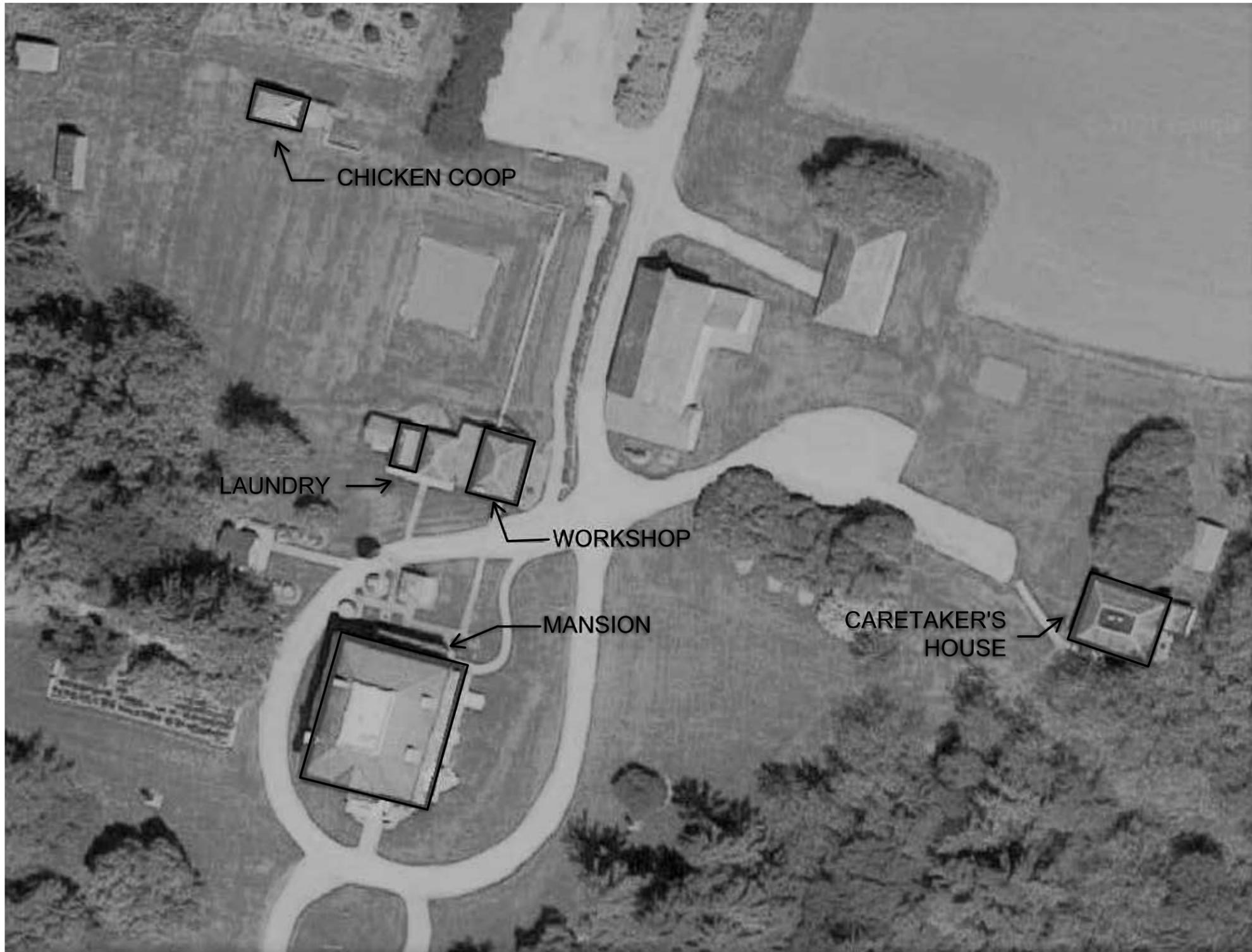
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AERIAL SITE MAP

NO SCALE

GENERAL NOTES:

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- 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.

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 MONTAUK HISTORIC SITE
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AERIAL
 SITE MAP

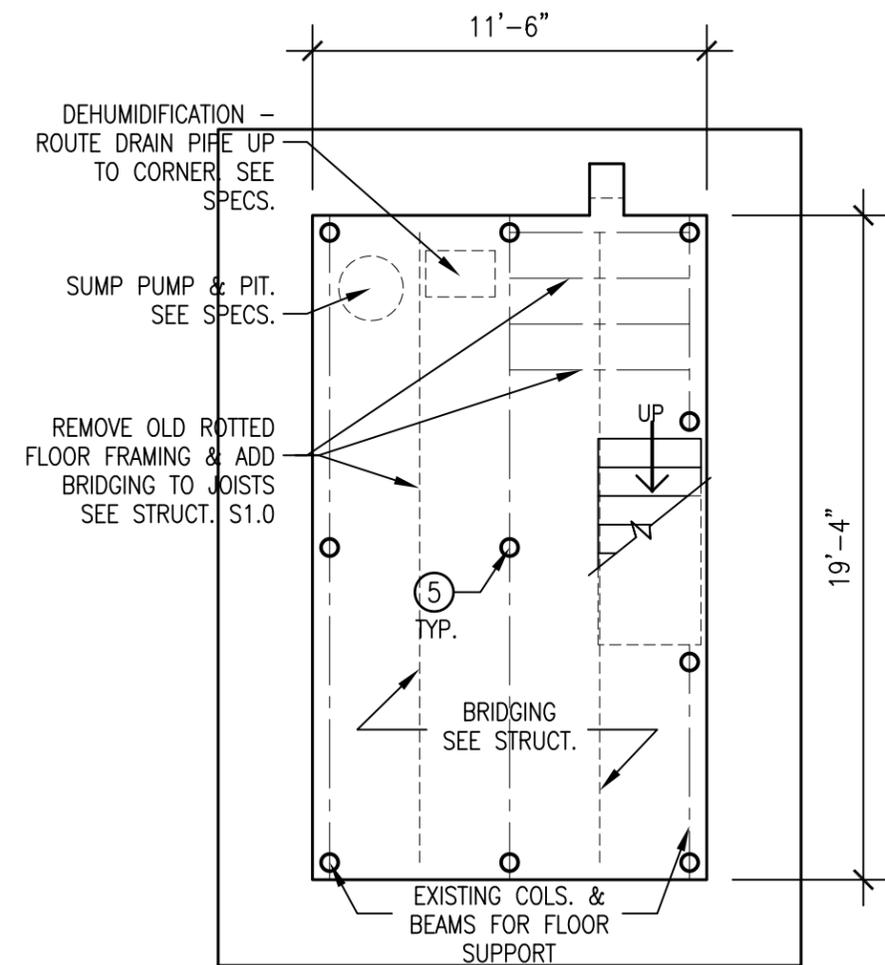
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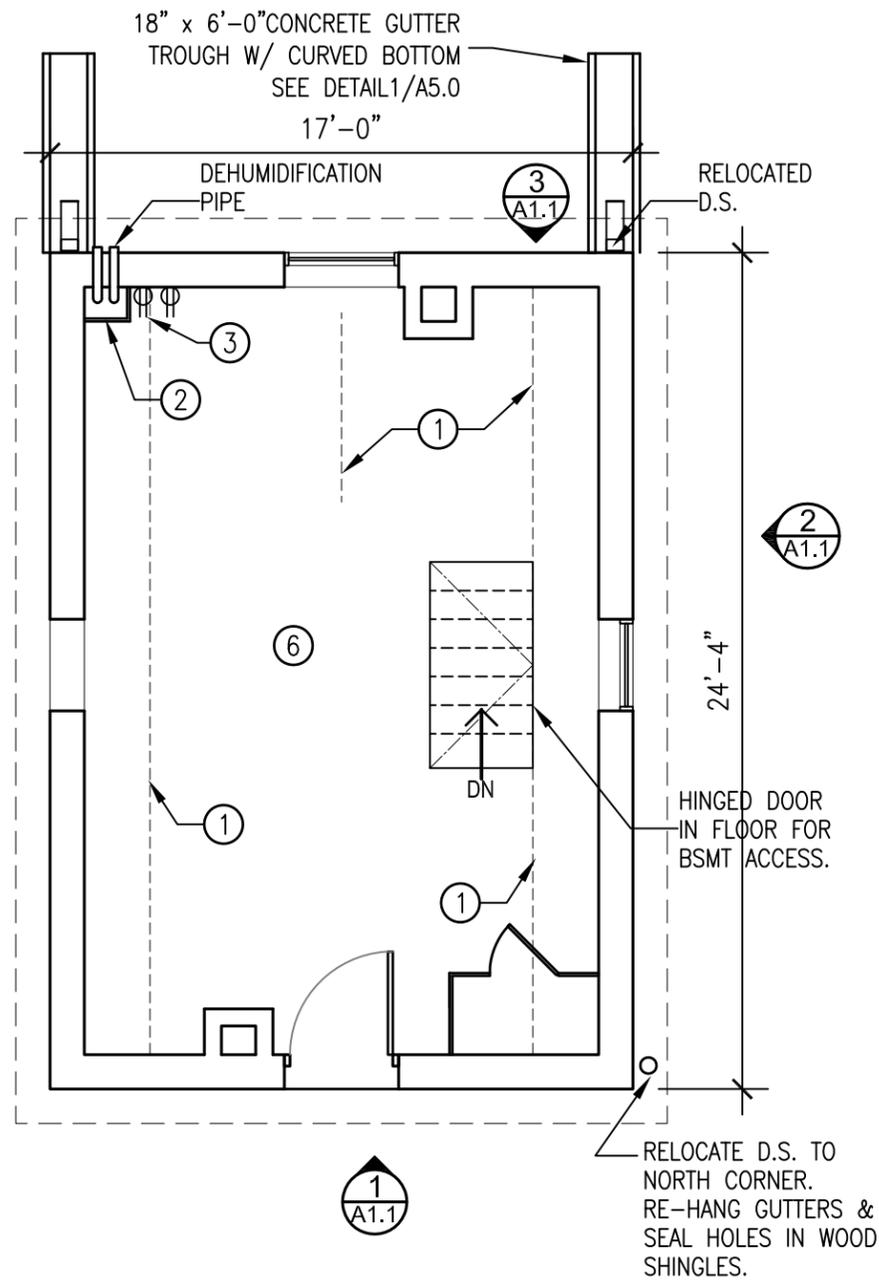
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WORKSHOP BASEMENT PLAN

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



WORKSHOP FLOOR PLAN

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



NORTH

FLOOR PLAN NOTES:

- ① RIP EDGES OF 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 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

DAS NO.
9226.00

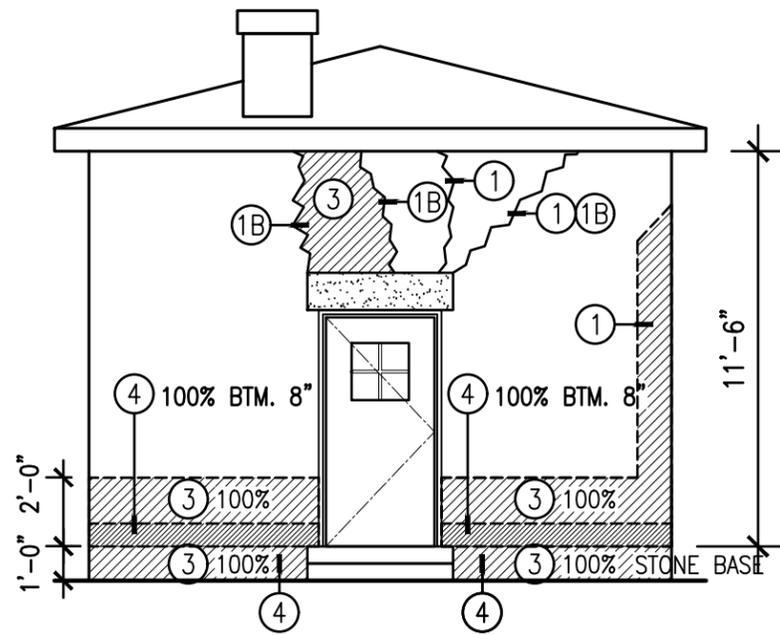
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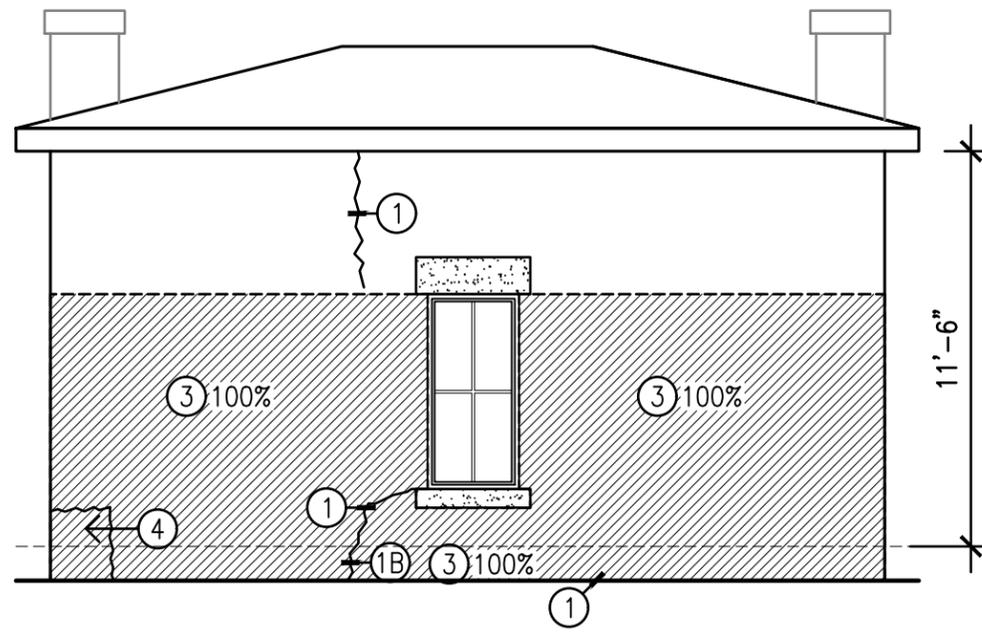
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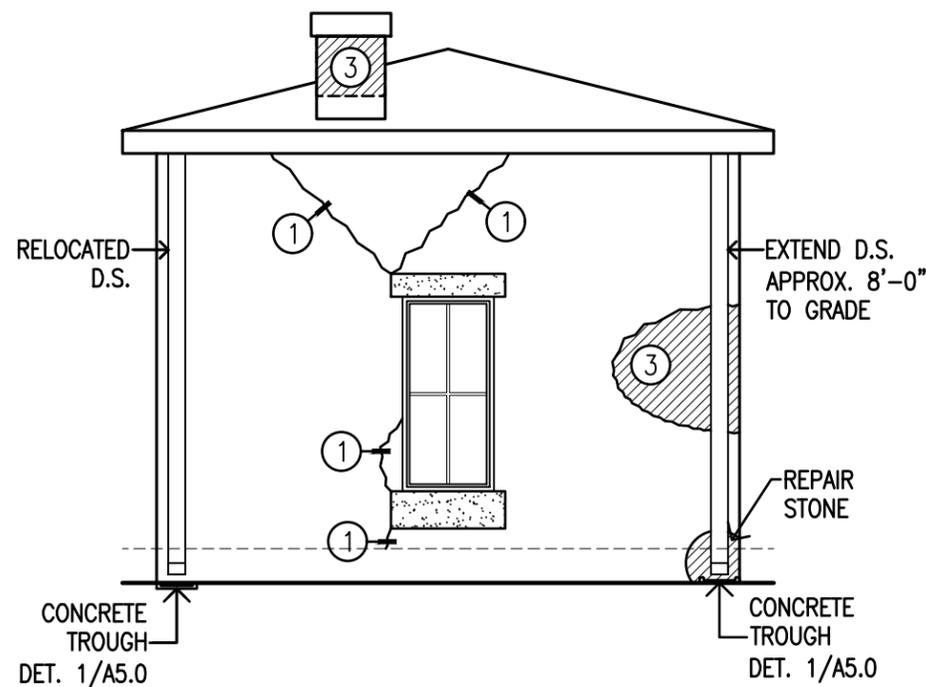
5 OF 20



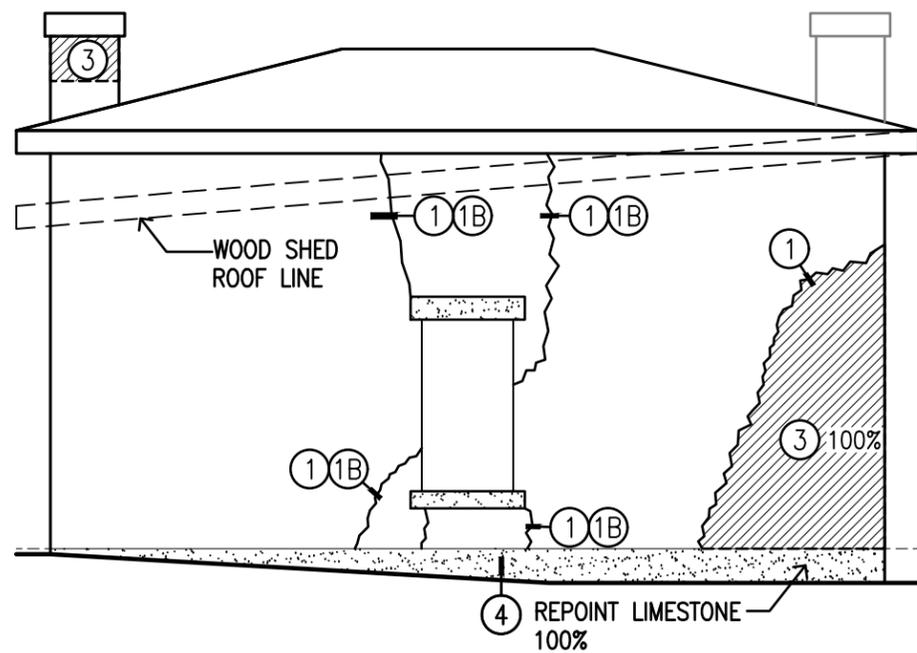
WORKSHOP ELEVATION - SOUTH ①
SCALE: 3/16" = 1'-0"



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



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



WORKSHOP ELEVATION - WEST ④
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 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.

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WORKSHOP
ELEVATIONS

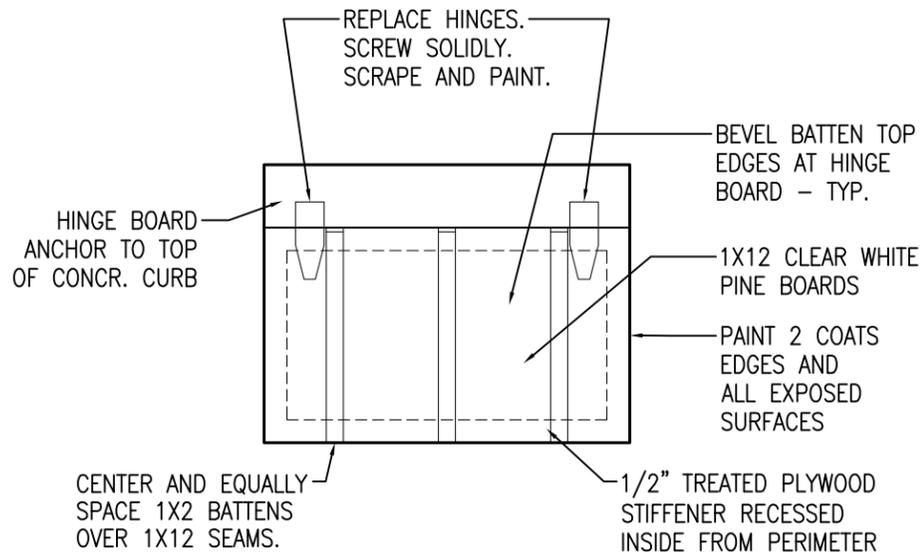
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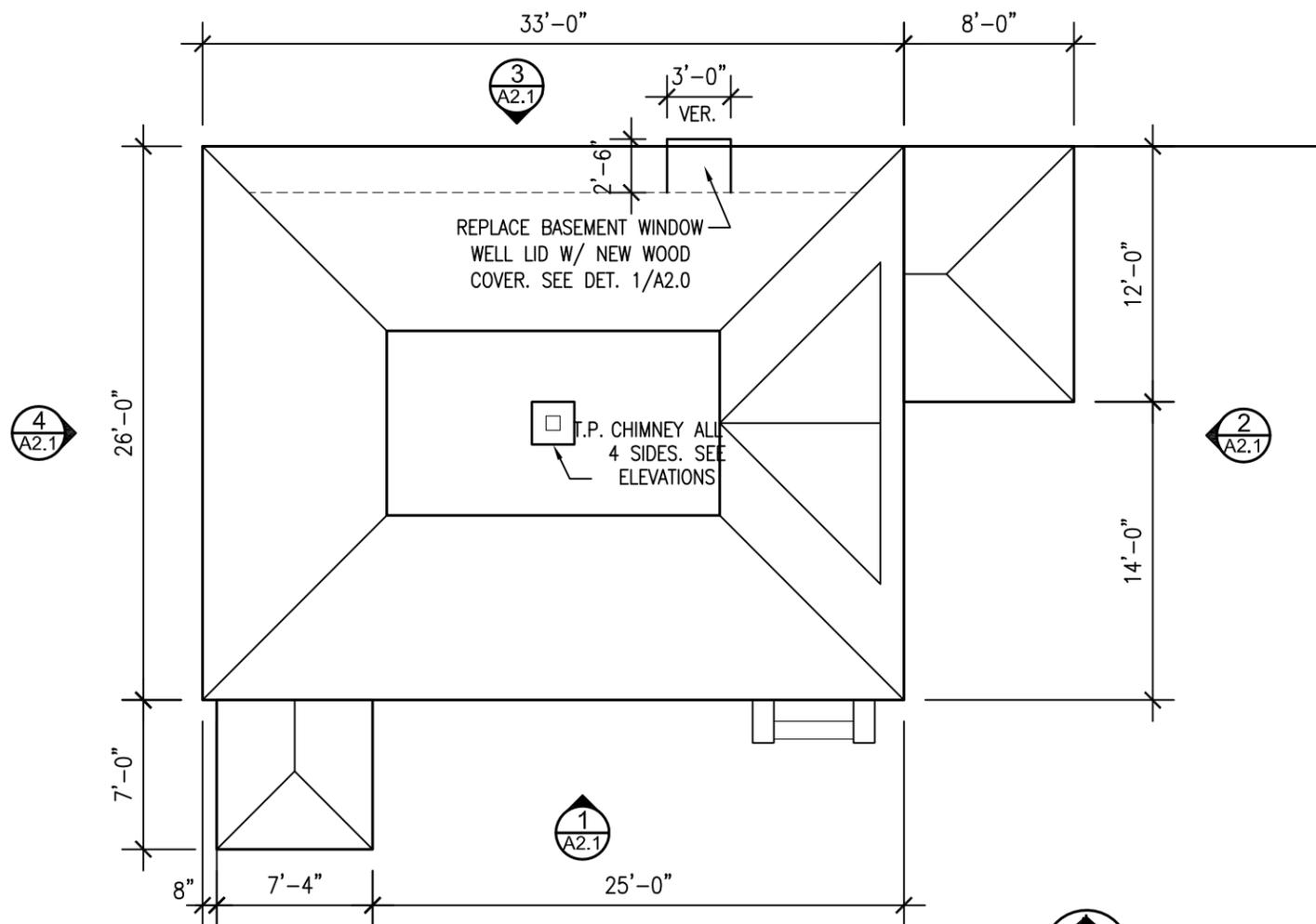
A1.1
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**BASEMENT WINDOW COVER DETAIL -
SEE BID ALTERNATE #2**

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

1
A2.0



CARETAKER'S HOUSE PLAN

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



GENERAL NOTES:

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BUILDING SPECIFIC NOTES:

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

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CARETAKER'S
HOUSE
PLAN

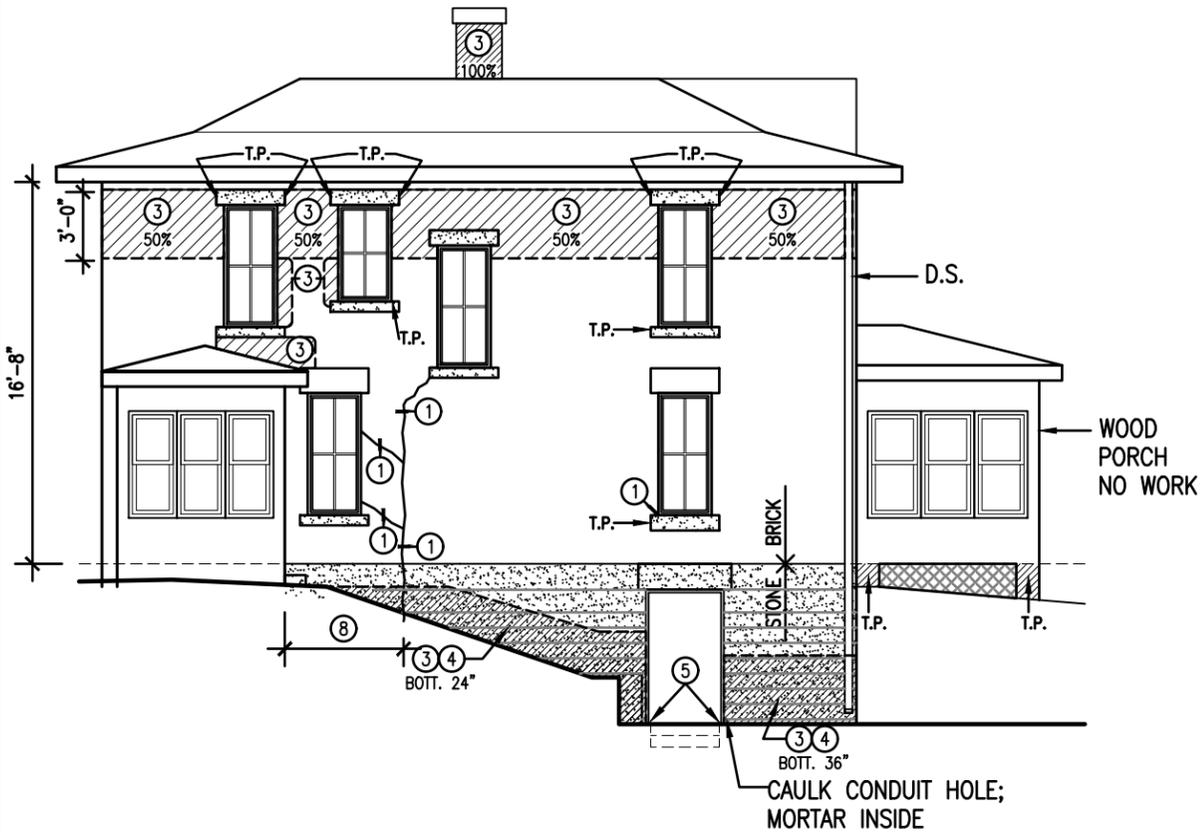
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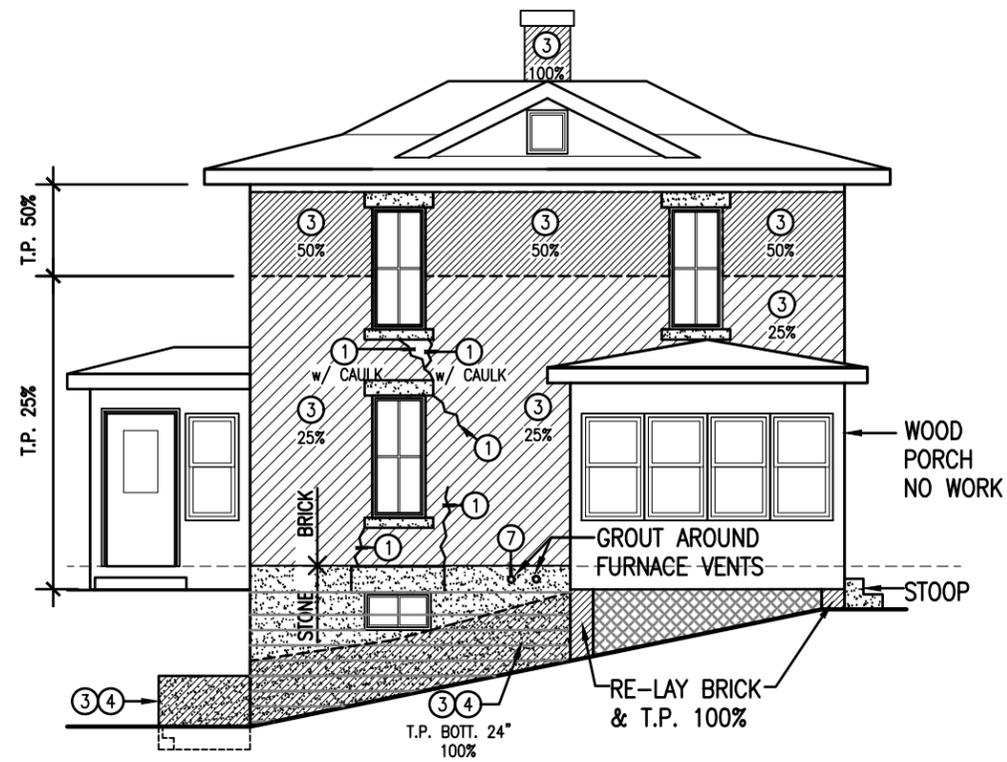
A2.0
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HOUSE ELEVATION - SOUTH

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

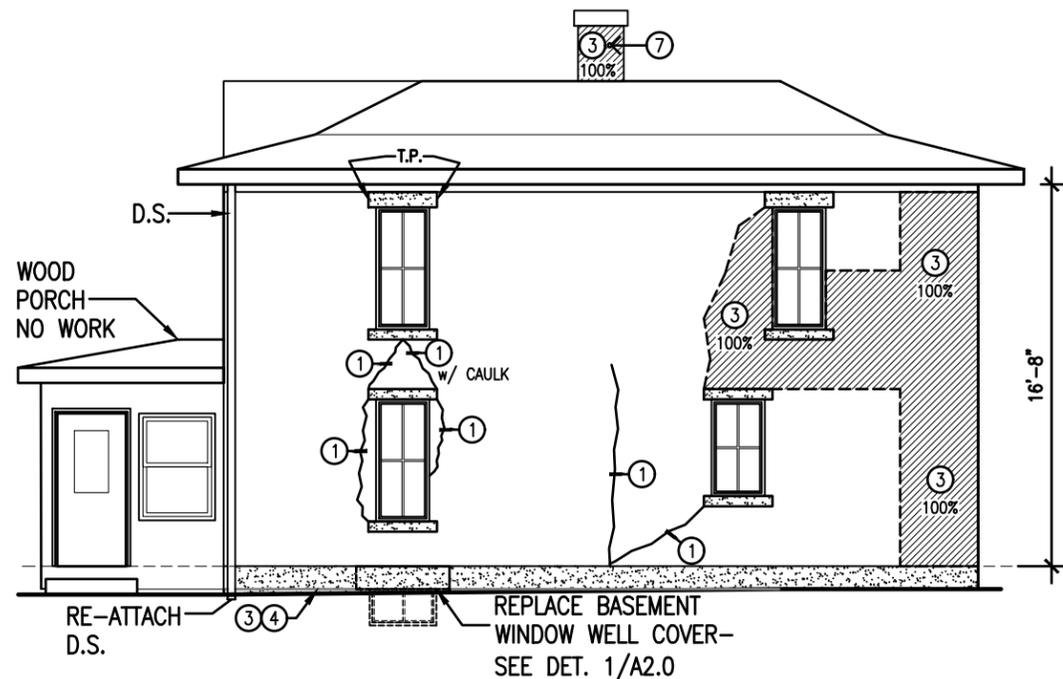
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HOUSE ELEVATION - EAST

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

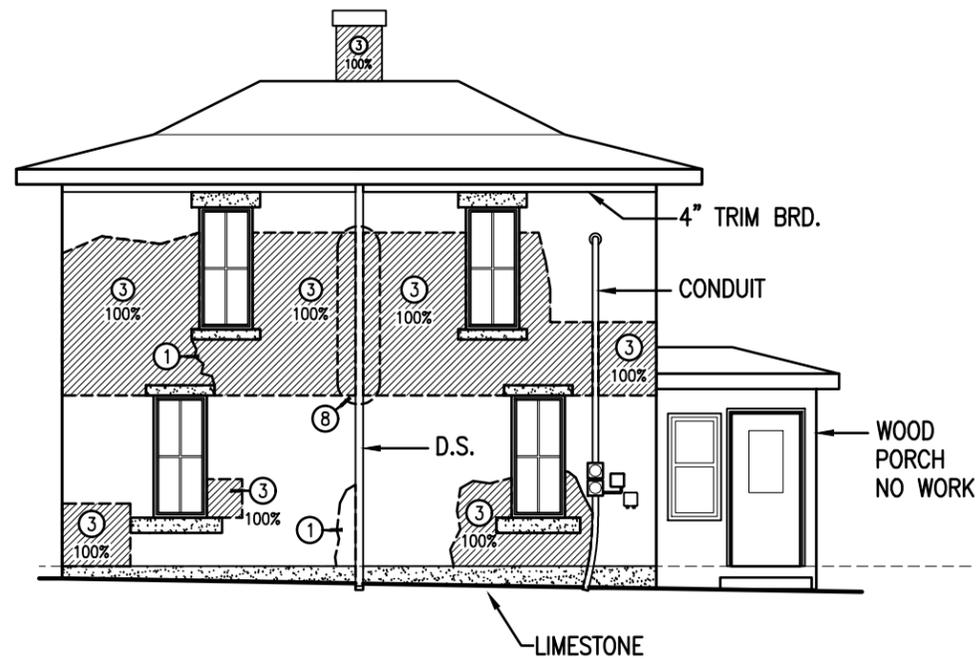
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HOUSE ELEVATION - NORTH

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

3



HOUSE ELEVATION - WEST

SCALE: 1/8" = 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.

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

CARETAKER'S
 HOUSE
 ELEVATIONS

DAS NO.
9226.00

PROJECT NO.
2114

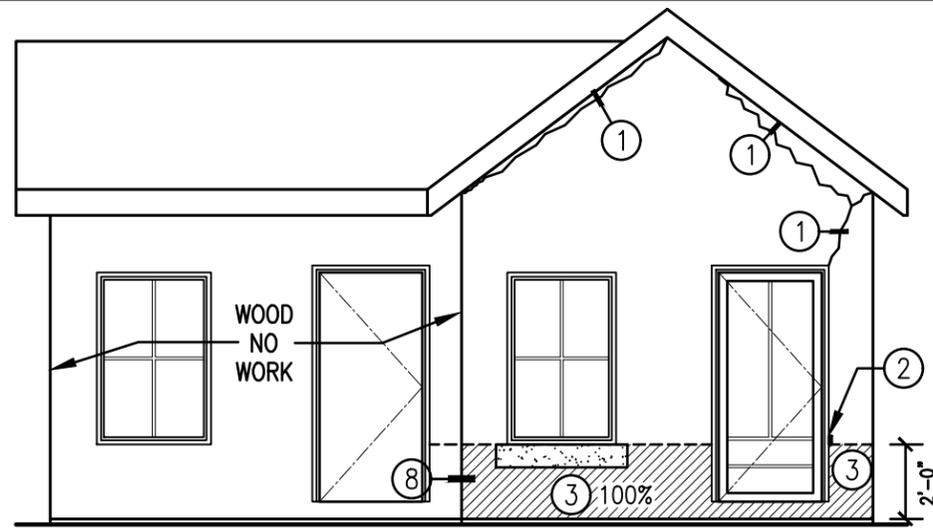
ISSUE DATE
3/21/22

SHEET NUMBER

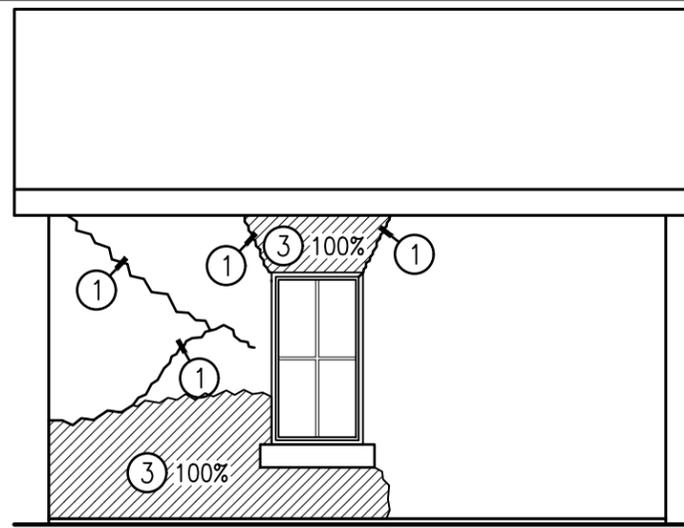
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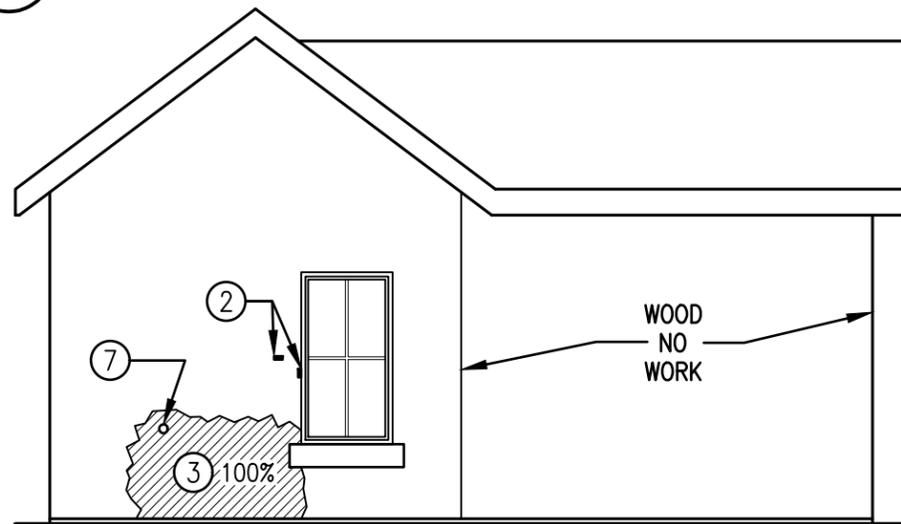
939 OFFICE PARK RD., #101
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 FAX: 515-440-1687
GENESIS
 ARCHITECTURAL DESIGN



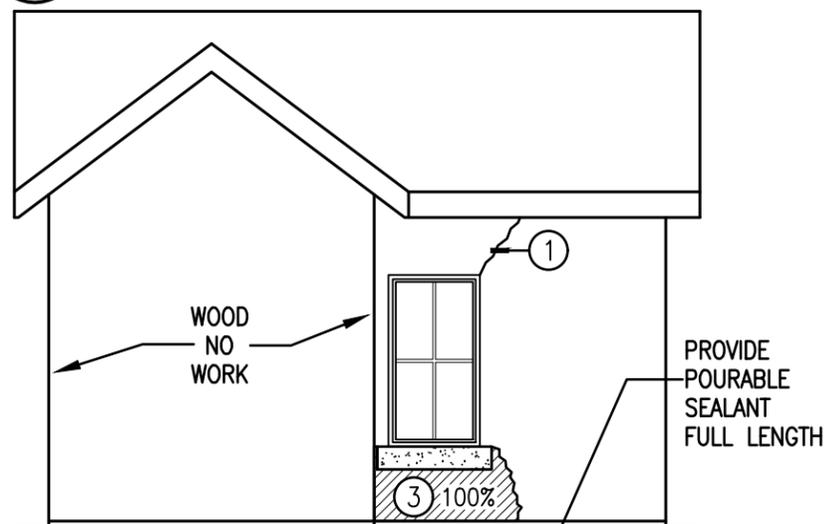
1 SOUTH ELEVATION
SCALE: 3/16" = 1'-0"
PROVIDE POURABLE SEALANT FULL LENGTH



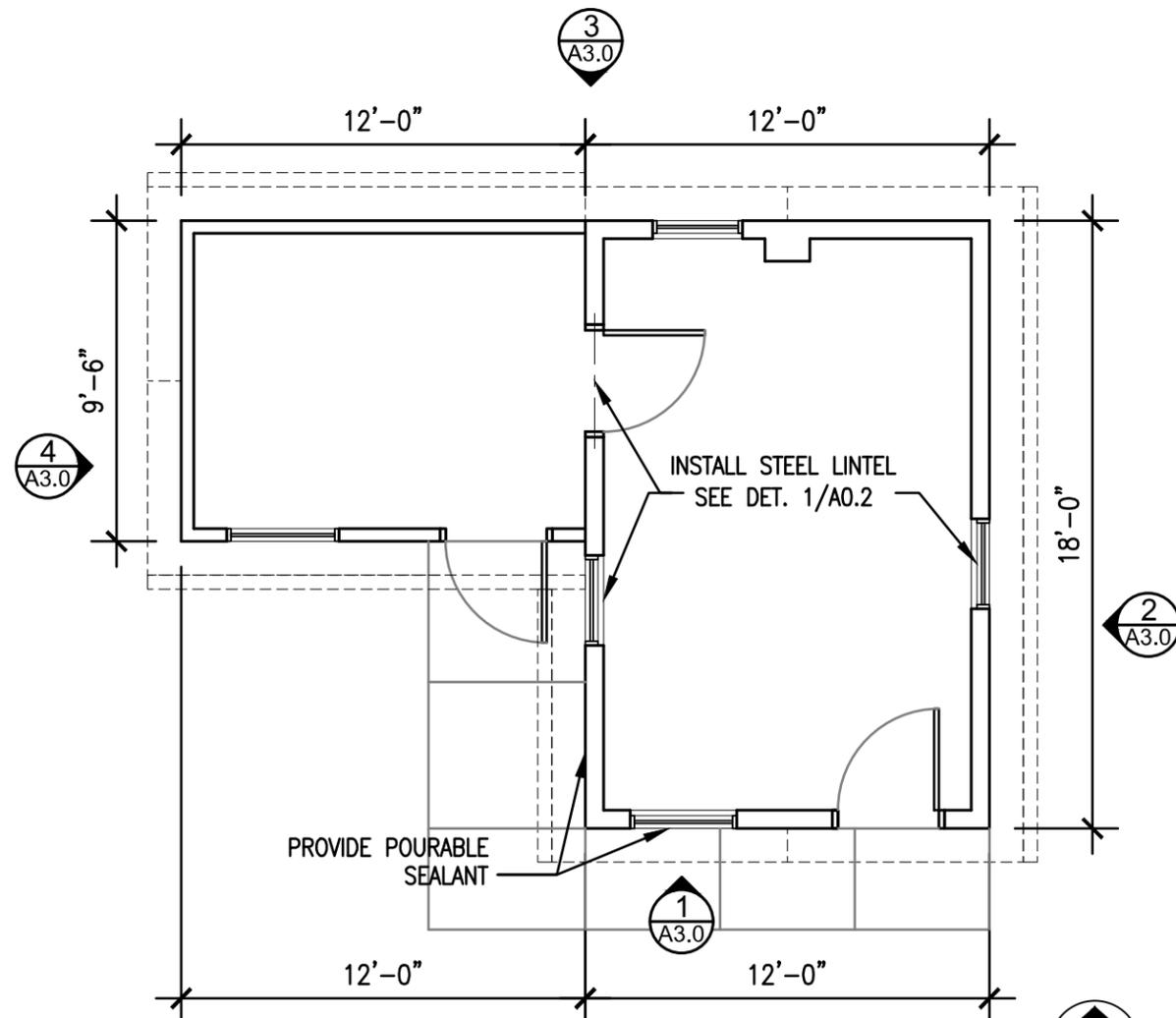
2 EAST ELEVATION
SCALE: 3/16" = 1'-0"



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



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



5 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

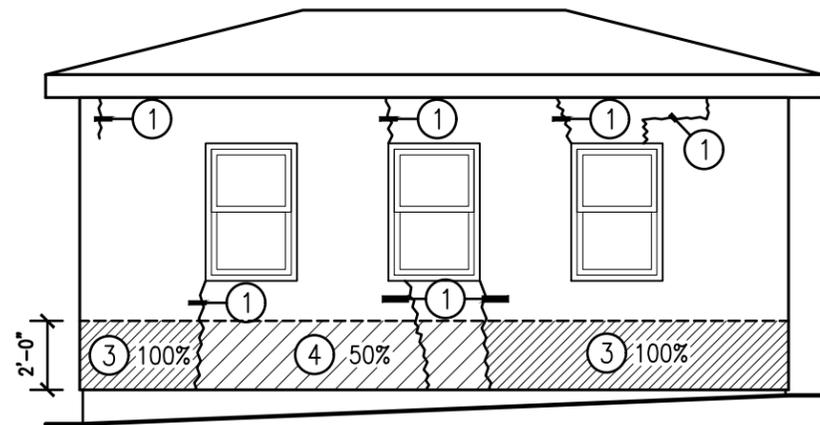
DAS NO.
9226.00

PROJECT NO.
2114

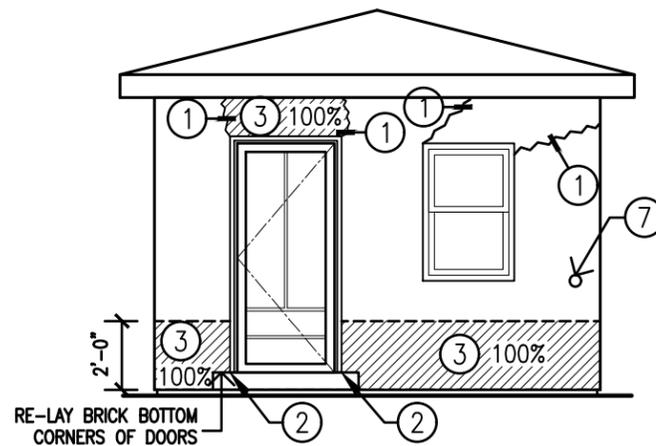
ISSUE DATE
3/21/22

SHEET NUMBER

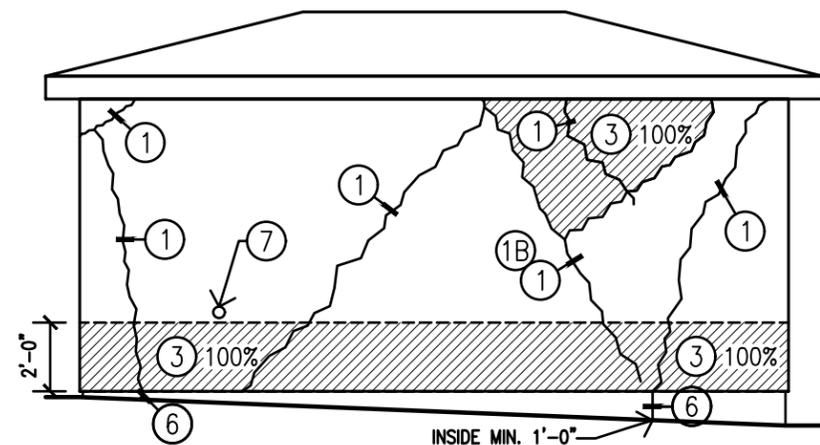
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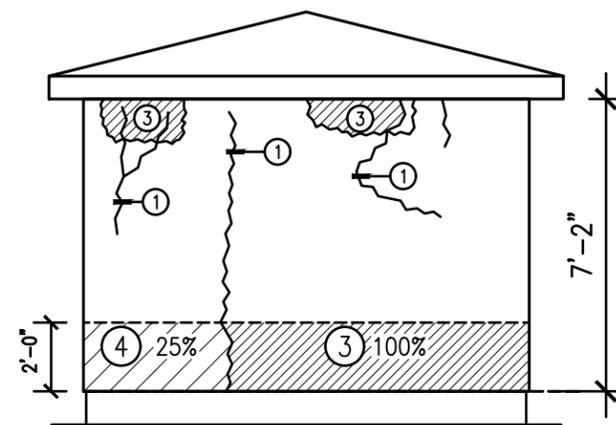
1 SOUTH ELEVATION
SCALE: 3/16" = 1'-0"



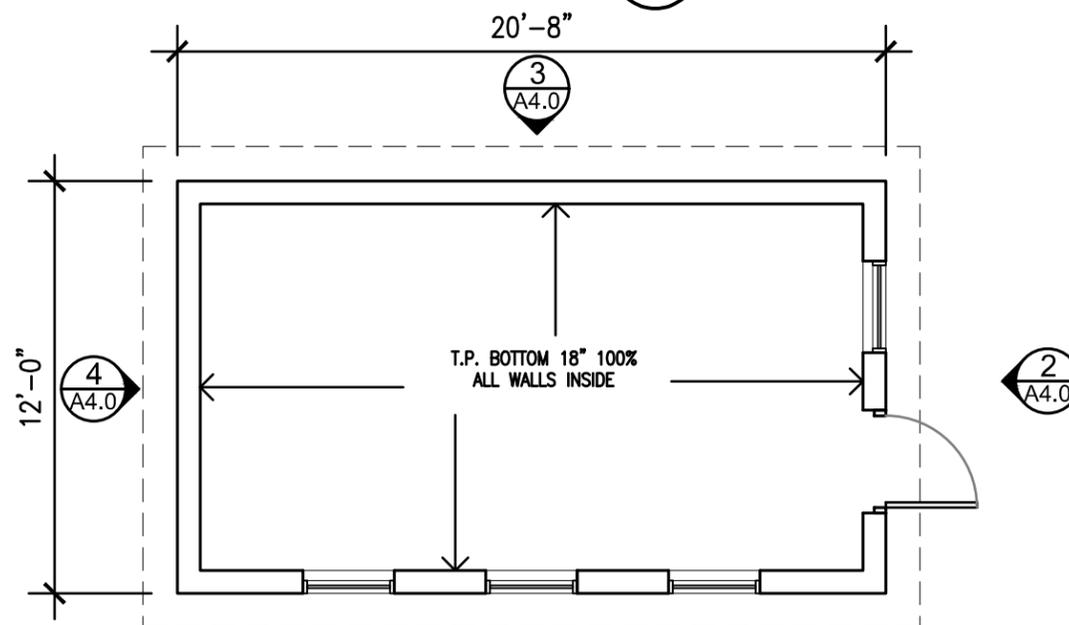
2 EAST ELEVATION
SCALE: 3/16" = 1'-0"



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:

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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. 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.

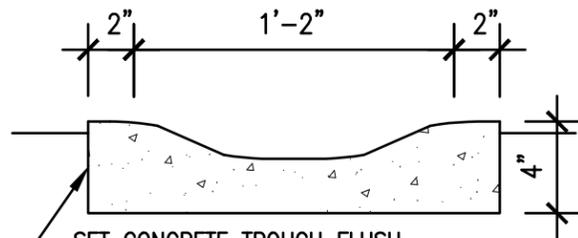
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DCA MON MAIN HOUSE SITE WORK
AND OUTBUILDING REPAIRS
MONTAUK HISTORIC SITE
26223 HARDING RD, CLERMONT, IA 52135

CHICKEN COOP
PLAN & ELEVATIONS

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SET CONCRETE TROUGH FLUSH WITH GRADE. SLOPE DOWN AWAY FROM BUILDING.

CONCRETE GUTTER TROUGH

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

1
A5.0

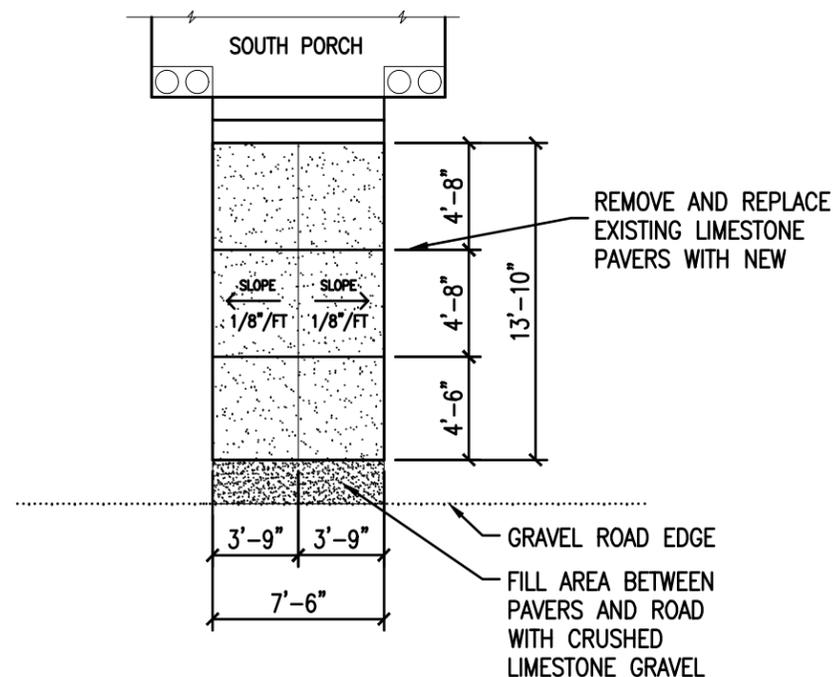
NOTE: SEE SHEET A1.0 FOR LOCATIONS ON NORTH SIDE OF WORKSHOP.

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.

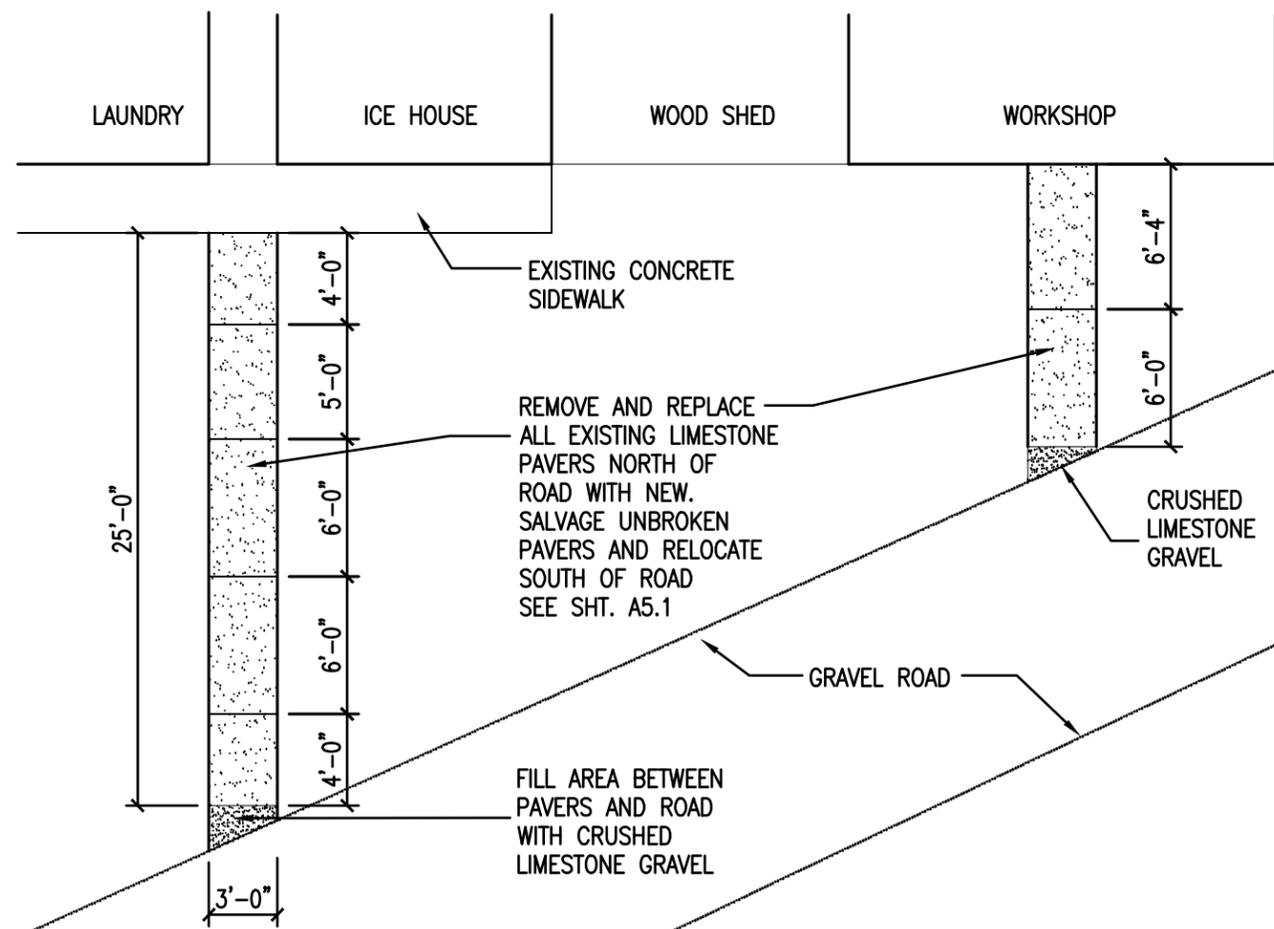
LIMESTONE PAVER NOTES:

- 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

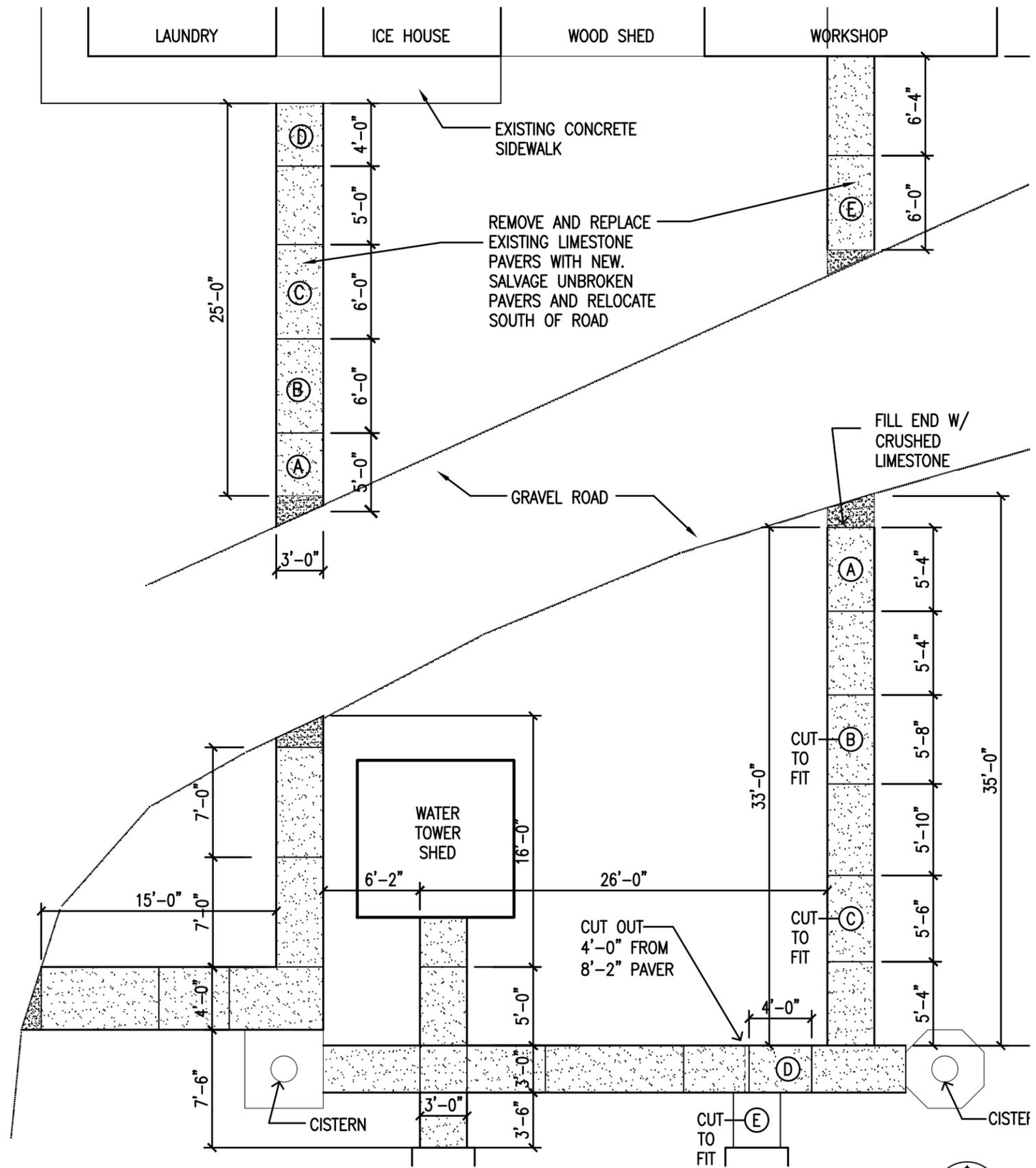
SCALE: 1/8" = 1'-0"



NORTH PAVERS

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





STONE PAVERS - RELOCATED

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



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-LABELED PAVER UNITS FROM NORTH OF ROAD TO CORRESPONDING LABELED LOCATIONS SOUTH OF ROAD. CUT EXISTING PAVERS TO FIT AS NEEDED AT NEW LOCATIONS. REMOVE AND DISPOSE OF CRUMBLED PAVERS IN DESIGNATED RELOCATION AREAS.



STONE PAVERS
 RELOCATED

DAS NO.
 9226.00

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 2114

ISSUE DATE
 3/21/22

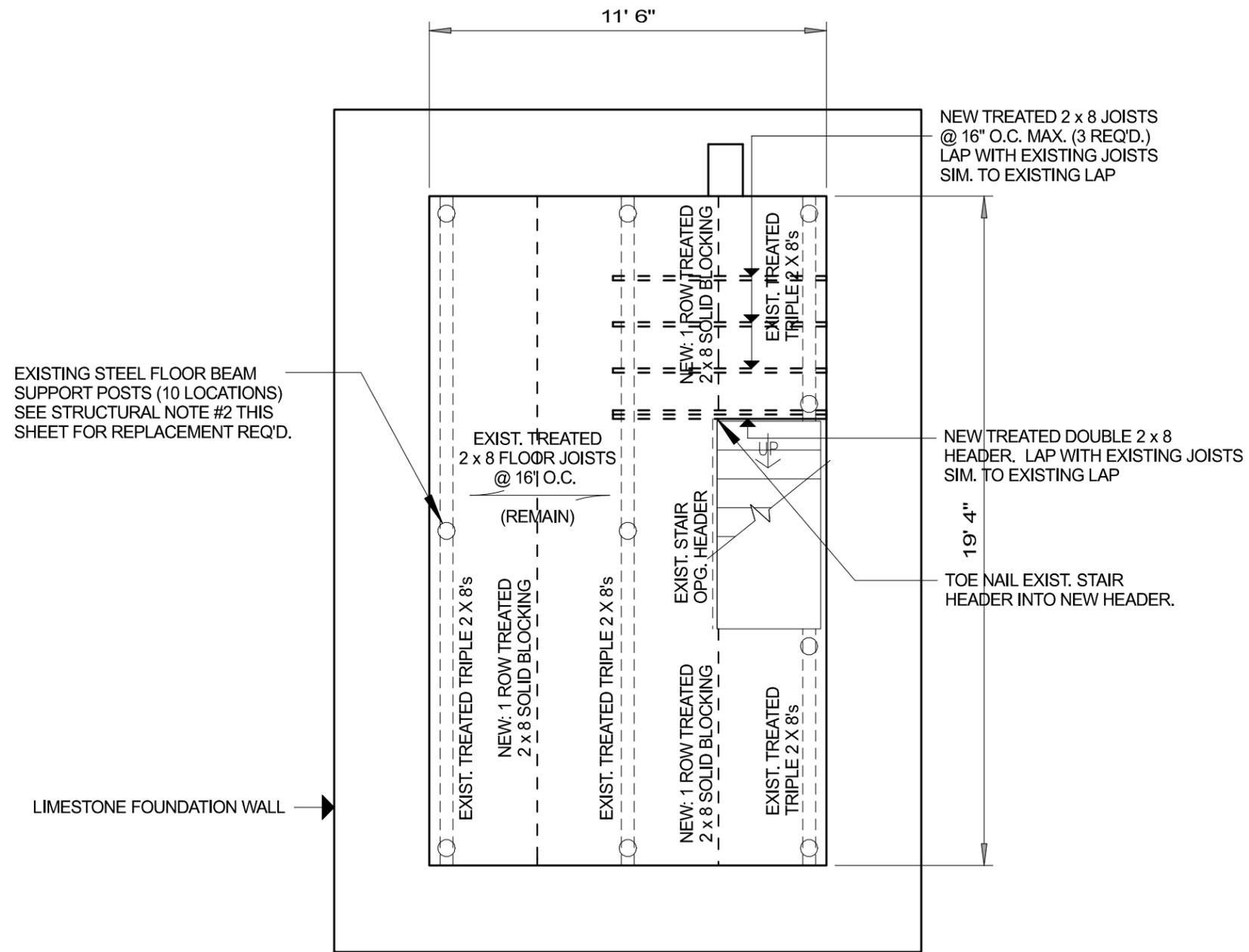
SHEET NUMBER
A5.1
 12 OF 20

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.



WORKSHOP FLOOR FRAMING PLAN

SCALE: 1/4" = 1' 0"



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

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



STRUCTURAL ENGINEER:



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

ABBREVIATIONS

<	ANGLE
ABC	AGGREGATE BASE COURSE
AC	ACRE(S)
ACI	AMERICAN CONCRETE INSTITUTE
AGR	AGGREGATE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT	ALTERNATE
ARCH	ARCHITECT
ASPH	ASPHALT
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
B	BALL VALVE
BFP	BACKFLOW PREVENTER
BIT	BITUMINOUS
BLDG	BUILDING
BLK	BLOCKING
BM	BENCHMARK
BOT	BOTTOM
BSMT	BASEMENT
B-V	BUTTERFLY VALVE
E-B	BACK-TO-BACK OF CURB DIMENSION
CL or C	CENTERLINE
C to C	CENTER TO CENTER
C & G	CURB AND GUTTER
CF	CUBIC FEET
CHD	CHORD LENGTH
CI	CAST IRON PIPE
CHK	CHECK VALVE
CLR	CLEAR
CMF	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CTY	COUNTY
CONC	CONCRETE
CONT	CONTIGUOUS
C-B	CENTERLINE TO BACK OF CURB DIMENSION
COORD	COORDINATE
CU	COPPER PIPING
CTRS	CENTERS
CY	CUBIC YARDS
CS	CORPORATION STOP
D	DEGREE OF CURVE
DEP	DEPRESSED
DET	DETAIL
DIAG	DIAGONAL
DIM	DIMENSION
DI	DUCTILE IRON PIPE
DN	DOWN
DNSTR	DOWNSTREAM
DP	DRAINAGE PIPE/STORM PIPE
DWG	DRAWING
E	EAST
EJ	EXPANSION JOINT
EL, ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
EW	EACH WAY
EXP	EXPANSION
EX, EXIST	EXISTING
EXT	EXTERIOR
E =	EXTERNAL DISTANCE
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIELD ENTRANCE
FF	FINISH FLOOR
FIL	FILLET
FIN	FINISH
FL	FLOW LINE
FLR	FLOOR
FM	FORCE MAIN
FND	FOUND
FRMG	FRAMING
FTG	FOOTING
F-F	FACE TO FACE
GA	GAUGE
GI	GALVANIZED IRON PIPE
GRD	GRADE
GRS	GRATING SUPPORT
GRT	GROUT
GV	GAS VALVE
GYP	GYPSONIUM
HSE	HOUSE
HC	HORIZONTAL CURVE
HMA	HOT MIX ASPHALT
HNGR	HANGER
HORIZ	HORIZONTAL
H.P.	HIGH POINT
HW	HOT WATER
HWH	HOT WATER HEATER
Δ =	CENTRAL ANGLE
I	INSIDE DIAMETER
INT	INTERIOR
INV	INVERT ELEVATION; BASED ON BENCH MARK DATUM
IP	IRON PIPE
JST	JOIST
LAT	LENGTH OF CURVE
LAV	LAVATORY
LF	LINEAL FEET
LP	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
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OO	OUTSIDE TO OUTSIDE
OPNG	OPENING
OPP	OPPOSITE
PC	POINT OF CURVATURE
PCC	PORTLAND CEMENT CONCRETE
PCF	POUNDS PER CUBIC FOOT
PDP	PERFORATED DRAIN PIPE

PE	POLYETHYLENE PIPE
PI	POINT OF INTERSECTION
PL	PLATE
PLG	PLUG VALVE
PLP	POLYPROPYLENE PIPE
PLYWD	PLYWOOD
PM	PRINCIPAL MERIDIAN
PR	PRESSURE REGULATORS
PRC	POINT OF REVERSE CURVATURE
PRESS	PRESSURE
PR, PROP	PROPOSED
PRV	PRESSURE REDUCING VALVE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSL	PIPE SLEEVE
PT	POINT OF TANGENCY
PLG	PLUG VALVE
PVC	POLYVINYL CHLORIDE (PLASTIC) PIPE
R	RADIUS
RODR	REDUCER
RCCP	REINFORCED CONCRETE CYLINDER PIPE
ROP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
REINF	REINFORCING
REQD	REQUIRED
ROW	RIGHT OF WAY
RFTR	RAFTER
RND	ROUND
RR	RAILROAD
RRSP	RAILROAD SPIKE
RT	RIGHT
R&R	REMOVE AND REPLACE
S	SOUTH
S	STREAM BED
SCHED	SCHEDULE
SEC	SECTION
SF	SQUARE FEET
SHR	SHOWER
SHT	SHEET
SHTG	SHEATHING
SPA	SANITARY PIPE
SP	SPACING OR SPACES
SPEC	SPECIFICATION
SQ	SQUARE
SS	SANITARY SERVICE
STA	STATION
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
SW	SIDEWALK
SY	SQUARE YARDS
SYM	SYMMETRICAL
TAN	TANGENT LENGTH
TBC	TOP BACK OF CURB
TBM	TEMPORARY BENCH MARK; BASED ON BENCHMARK DATUM
TD	TILE DRAIN
THK	THICK
TR	TREAD
TR	TYPE
TYP	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
UP	UTILITY POLE
UPSTR	UPSTREAM
UR	URINAL
USGS	US GEOLOGICAL SURVEY
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
VOLUME	VOLUME
VPC	VERTICAL POINT OF CURVATURE
VPI	VERTICAL POINT OF INTERSECTION
VPRC	VERTICAL POINT OF REVERSE CURVATURE
VPT	VERTICAL POINT OF TANGENCY
W	WEST
WC	WATER CLOSET
WF	WIDE FLANGE
WM	WATER MAIN
WMO	WATER MAIN QUALITY
WV	WATER VALVE
WGT	WEIGHT
WP	WEATHER PROOF
WS	WATER SERVICE
WWF	WELDED WIRE FABRIC
W	WITH
W/C	WITHOUT
XP	EXPLOSION PROOF

HATCH PATTERNS

	EARTH - FILL		BRICK
	EARTH - UNDISTURBED		STEEL
	ROCK (GEOLOGICAL)		INSULATION (LOOSE/BATT)
	STONE OR RIP RAP		INSULATION (RIGID)
	GRAVEL		WOOD (ROUGH)
	CONCRETE		WOOD (BLOCKING)
	CONCRETE BLOCK		WOOD (FINISH)
	CMU		DETECTABLE WARNING
	ASPHALT PAVEMENT		

EXISTING	CIVIL	PROPOSED
	EXISTING R.O.W.	
	RIGHT-OF-WAY LINE	
	PROPERTY LINE	
	CENTERLINE	
	SETBACK LINE	
	EASEMENT LINE	
	SECTION LINE	
	SECTION CORNER	
	COORDINATE POINT ON GRID SYSTEM	
	FOUND OR SET PROPERTY PIN	
	RIGHT-OF-WAY MARKER	
	BENCHMARK	
	CONTOUR LINE	
	SPOT ELEVATION (AT)	
	FENCE LINE	
	SILT FENCE LINE	
	CURB AND GUTTER	
	TIP CUT CURB AND GUTTER	
	SAWCUT, LIMITS OF PAVEMENT REMOVAL & REPLACEMENT	
	DECIDUOUS TREE W/ SIZE	
	CONIFEROUS TREE W/ SIZE	
	TREE STUMP	
	HEDGEROW	
	BUSH OR SHRUB	
	TREE LINE	
	CONSTRUCTION LIMIT LINE	
	SIGN (MULTIPLE POST, SINGLE POST, STREET SIGN)	
	SIGN (PYLON)	
	GUARD RAIL	
	RAILROAD TRACKS	
	BUILDING	
	MAILBOX	
	FLAGPOLE	
	BOLLARD	
	AIR CONDITIONER	
	SOIL BORING LOCATION AND NUMBER	
	MONITORING WELL	
	REVISION NUMBER	
	OUTLINE OF DETAILED AREA	
	SECTION NUMBER SHEET WHERE SHOWN	
	SANITARY SEWER	
	SANITARY SEWER SERVICE	
	SANITARY SEWER FORCE MAIN	
	SANITARY CLEANOUT	
	SANITARY MANHOLE	
	WYE FITTING	

SYMBOLS

EXISTING	WATER	PROPOSED
	WATER SERVICE	
	WATER PIPE	
	FIRE HYDRANT	
	YARD HYDRANT	
	WATER VALVE WITH BOX	
	CURB STOP W/CURB BOX	
	REDUCER	
	WATER VALVE VAULT	
	11.25° BEND	
	22.50° BEND	
	45° BEND	
	90° BEND	
	TEE	
	CAP	
	WATER METER	
	SPRINKLER HEAD	
	TRACER WIRE BOX	
	STORM SEWER	
	DRAIN TILE	
	DITCH LINE (PAVED)	
	DITCH LINE (UNPAVED)	
	STORM MANHOLE	
	CATCH BASIN	
	STORM SEWER INLET	
	STORM SEWER INLET - BEHIND CURB	
	DOWNSPOUT	
	CULVERT AND SIZE	
	RCCP OR RCP EDGES (RCAP) END SECTION	
	METAL OR HDPE END SECTION	
	FLOW DIRECTION	
	EROSION CONTROL BLANKET	
	TEMPORARY AND PERMANENT SEEDING AREA	
	UNDISTURBED AREA	
	STABILIZED CONSTRUCTION ENTRANCE	
	SILT FENCE	
	INLET PROTECTION	
	TEMPORARY SEDIMENT TRAP	
	CULVERT INLET PROTECTION	
	ROCK OUTLET PROTECTION	
	ROCK CHECK DAM - COURSE AGGREGATE	
	ROCK CHECK DAM - RIP RAP	
	DITCH CHECK	

EXISTING	UTILITY	PROPOSED
	FIBER OPTIC LINE	
	UNDERGROUND TV CABLE	
	CABLE TV RISER PEDESTAL	
	OVERHEAD UTILITY	
	UNDERGROUND ELECTRIC	
	ELECTRIC RISER PEDESTAL	
	ELECTRIC MANHOLE	
	UNDERGROUND TELEPHONE	
	TELEPHONE RISER PEDESTAL	
	TELEPHONE MANHOLE	
	UTILITY POLE	
	UTILITY POLE W/ METER	
	UTILITY POLE W/ TRANSFORMER	
	UTILITY POLE W/ LIGHT	
	UTILITY POLE WITH GUY WIRE AND ANCHOR	
	LIGHT (MAST MOUNTED)	
	LIGHT POLE (SINGLE FIXTURE)	
	YARD LIGHT	
	GAS MAIN	
	GAS METER	
	GAS VALVE	
	GAS STRUCTURE	
	TRANSFORMER	
	GENERATOR	
	TRAFFIC RELATED CONTROLLER	
	MAST ARM ASSEMBLY AND POLE	
	SIGNAL HEAD AND POST	
	SIGNAL HEAD	
	PEDESTRIAN HEAD	
	PEDESTRIAN PUSH-BUTTON	
	HAND HOLE	
	DOUBLE HAND HOLE	
	HAND HOLE OR JUNCTION BOX	
	HEAVY-DUTY HAND HOLE	
	EXISTING CONDUIT (LENGTH AND SIZE) PROP GALVANIZED STEEL OR PVC CONDUIT	
	UPPER NUMERICAL INDICATES LENGTH	
	T INDICATES CONDUIT IN TRENCH	
	P INDICATES CONDUIT PUSHED	
	LOWER NUMERICAL INDICATES SIZE AND TYPE	
	LUMINAIRE	
	ARROW - THROUGH, TURN LEFT	
	ARROW - THROUGH	

GENERAL NOTES

1. All work shall conform to and be performed in accordance with all applicable codes and ordinances.
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.
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.
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.
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.
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.
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.
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.
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.
10. The CONTRACTOR shall be responsible for any damage to existing facilities outside the construction limits resulting from negligence.
11. CONTRACTOR shall protect existing facilities, buildings, and other appurtenances not to be removed from the site during the construction activities.
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.
13. CONTRACTOR shall submit a detailed construction schedule and staging plan a minimum of two (2) days prior to the preconstruction meeting.
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.
15. CONTRACTOR shall submit for acceptance work plans and schedules for accomplishment of temporary and permanent erosion control prior to the start of construction.
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.

SUPPLEMENTAL SPECIFICATIONS

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.

DIVISION 3 – TRENCH AND BACKFILL

- 2.02 – BEDDING MATERIAL
 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.
- 3.05 – PIPE BEDDING AND BACKFILL
 Pipe Embedment Requirements for Rigid Gravity Pipe:
 RCP: Class R-1
 RCAP and RCEP: Class R-5
 Pipe Embedment Requirements for Flexible Gravity Pipe:
 DIP: Class F-1
 PVC Truss Pipe and DR18: Class F-2
 HDPE Single & Dual Wall, PVC Gravity Pipe (SDR 23.5, 26, 35): Class F-3
 Pipe Embedment Requirements for Pressure Pipe:
 DIP: Class P-3
 PVC DR18: Class P-3

DIVISION 4 – SEWERS AND DRAINS

- SECTION 4020
 1.03 – SUBMITTALS
 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.
- 2.01 – STORM SEWERS
 A. 2. Storm sewer main to be HDPE dual wall.
- SECTION 4030
 2.02 – PIPE APRONS
 CMP pipe apron required for this project, attach to HDPE dual wall pipe.

DIVISION 5 – WATER MAINS AND APPURTENANCES

- SECTION 5010
 1.03 – SUBMITTALS
 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.
- 3.13 Insulation
 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.

DIVISION 6 – STRUCTURES FOR SANITARY AND STORM

- SECTION 6010
 1.03 – SUBMITTALS
 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.

DIVISION 7 – STREETS & RELATED WORK

- SECTION 7030
 2.08 – GRANULAR DRIVEWAY SURFACING
 Use Class A crushed stone.

DIVISION 9 – SITE WORK & LANDSCAPING

- SECTION 9010
 2.02 – SEED MIXTURES
 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.

- SECTION 9040
 3.13 – RIP RAP
 1. Install rip rap (revetment stone or erosion stone) as shown on Figures 9040.110 and 9040.111. Place rip rap on engineering fabric.

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WEST DES MOINES, IA 50265
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MONTAUK BUILDING REPAIRS AND SITE WORK

MONTAUK HISTORIC SITE
26223 HARDING RD, CLERMONT, IA 52135

GENERAL NOTES
& SUPPLEMENTAL
SPECIFICATIONS

DAS NO.
9226.00

PROJECT NO.
2114

ISSUE DATE
03/14/2022

SHEET NUMBER
C.02
15 OF 20



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'

MONTAUK BUILDING REPAIRS AND SITE WORK

EXISTING
 CONDITIONS
 PLAN

DAS NO.
 9226.00

PROJECT NO.
 2114

ISSUE DATE
 03/14/2022

SHEET NUMBER

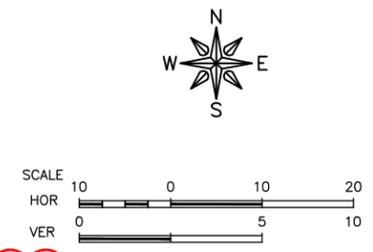
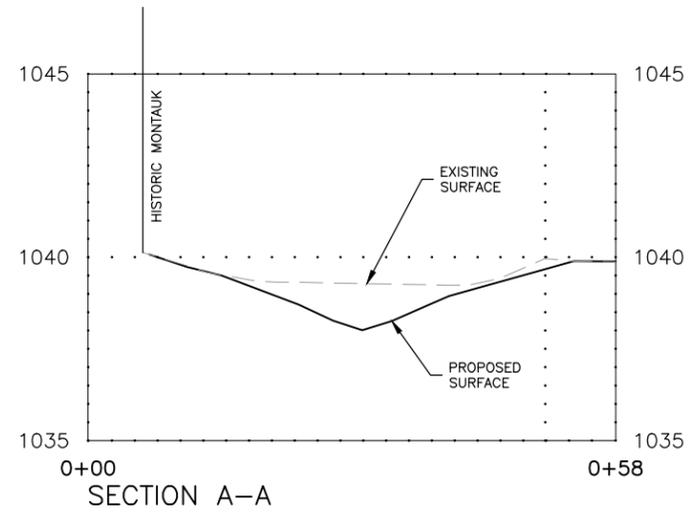
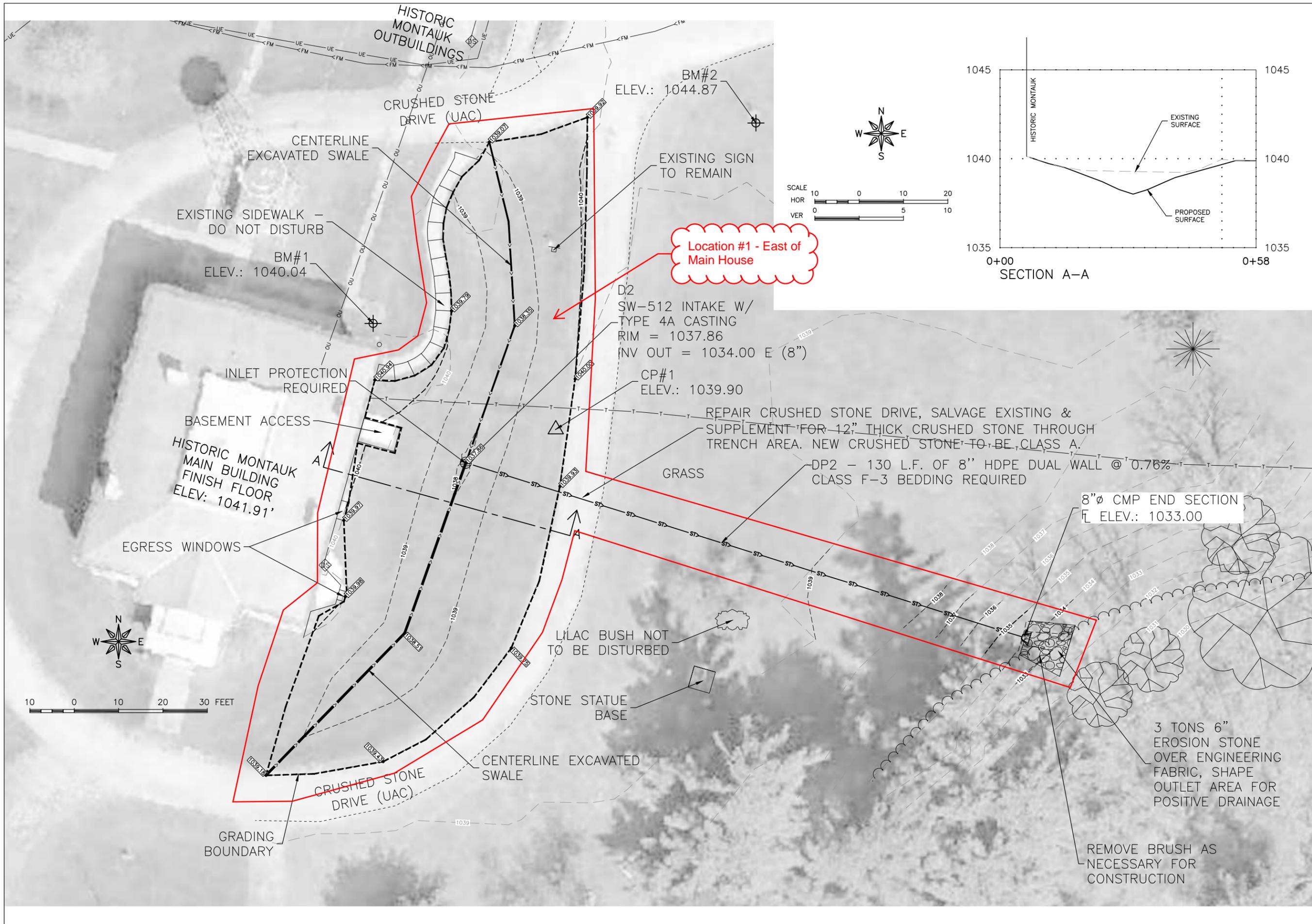
C.03
 16 OF 20

FEHR GRAHAM
 ENGINEERING ENVIRONMENTAL
 ARCHITECTURAL DESIGN

GENESIS
 ARCHITECTURAL DESIGN

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MONTAUK BUILDING REPAIRS AND SITE WORK

MONTAUK HISTORIC SITE
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BASE BID
 SITE PLAN

DAS NO.
 9226.00

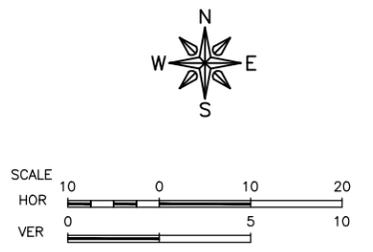
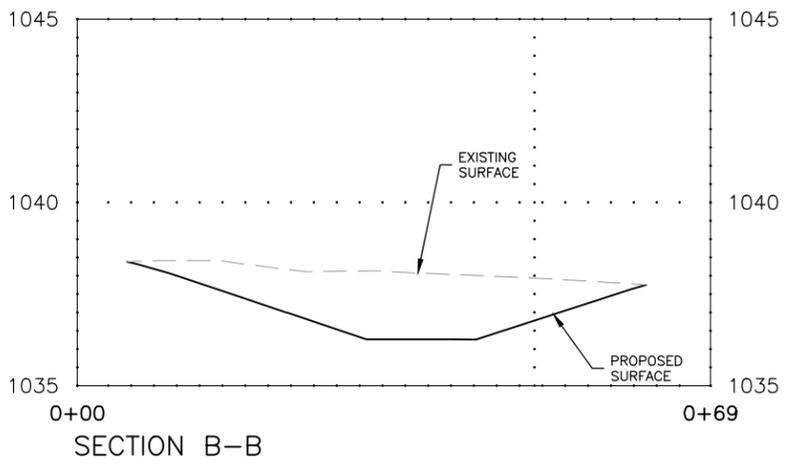
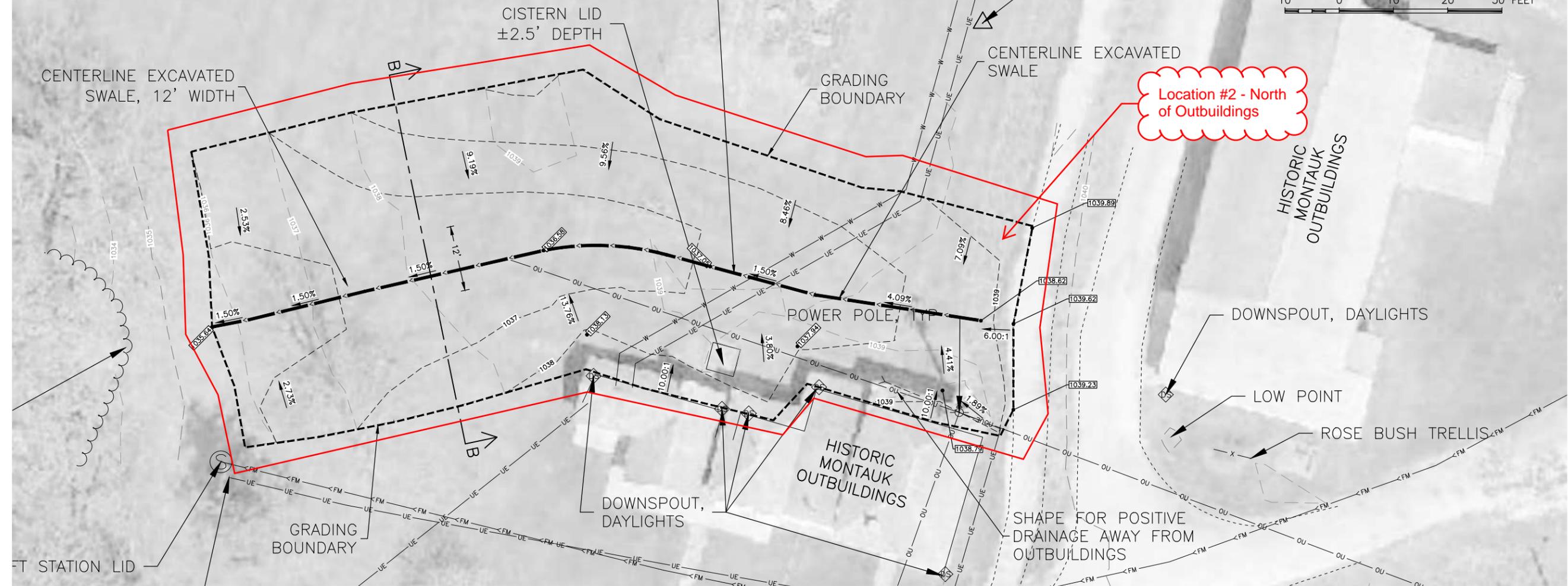
PROJECT NO.
 2114

ISSUE DATE
 03/14/2022

SHEET NUMBER

C.04
 17 OF 20

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.



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MONTAUK BUILDING REPAIRS AND SITE WORK

MONTAUK HISTORIC SITE
26223 HARDING RD, CLERMONT, IA 52135

ALTERNATE BID
SITE PLAN

DAS NO.
9226.00

PROJECT NO.
2114

ISSUE DATE
03/14/2022

SHEET NUMBER

C.05
18 OF 20

