

GL-22-009

INSTALLATION OF ROOFING AND GUTTERS ON HOUSE 360

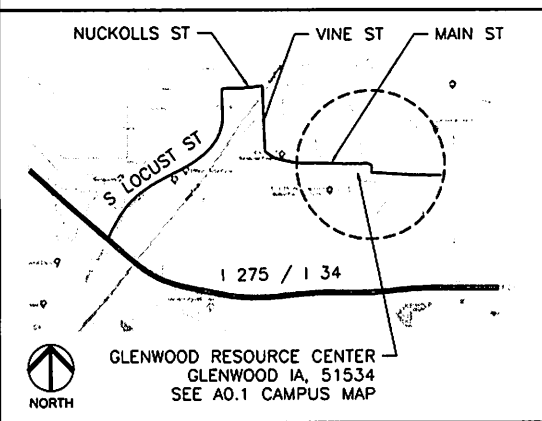
ATTACHMENT A

GENESIS PROJECT NO. 2102

Please see the following four (4) pages.

LOCATION MAP:

SCALE: NTS



GRC BUILDING 360 ROOF REPLACEMENT AT GLENWOOD RESOURCE CENTER GLENWOOD, IA 51534

GENESIS PROJECT NO. 2102

SHEET INDEX

A0.0	COVER, SHEET INDEX, & CONTACTS
A0.1	CAMPUS MAP & AERIAL
A1.0	ROOF PLAN
A1.1	DETAILS
A1.2	GENERAL & ROOF CONSTRUCTION NOTES

CONTACT INFO:

OWNER

IOWA DEPT OF ADMIN. SERVICES
OWNER'S REPRESENTATIVE:
STATE BLDG. & CONSTRUCTION RESOURCE
BUREAU, G.S.E.
109 S.E. 13TH STREET
DES MOINES, IA 50319

ON-SITE CONTACT

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PLANT OPERATIONS MANAGER
GLENWOOD RESOURCE CENTER
711 S. VINE ST.
GLENWOOD, IA 51534
PHONE: 712-525-1485

TENANT

GLENWOOD COMMUNITY SCHOOL DISTRICT
SUPERINTENDENT: DEVIN EMBRAY
OFFICE: 712-527-9034

ARCHITECT

GENESIS ARCHITECTURAL DESIGN
PROJECT ARCHITECT:
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SUITE 101
WEST DES MOINES, IA 50265
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FAX: 515.440.1687



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 _____ 05761
Edward L. Matt Reg. No.

Pages or Sheets covered in part or whole by this seal:
A0.0, A0.1, A1.0, A1.1 & A1.2.

Date Issued: _____



GRC BUILDING 360 ROOFING REPLACEMENT
GLENWOOD RESOURCE CENTER
GLENWOOD, IA 51534

COVER, SHEET INDEX,
MAP, & CONTACTS

DWG PROJECT NO.

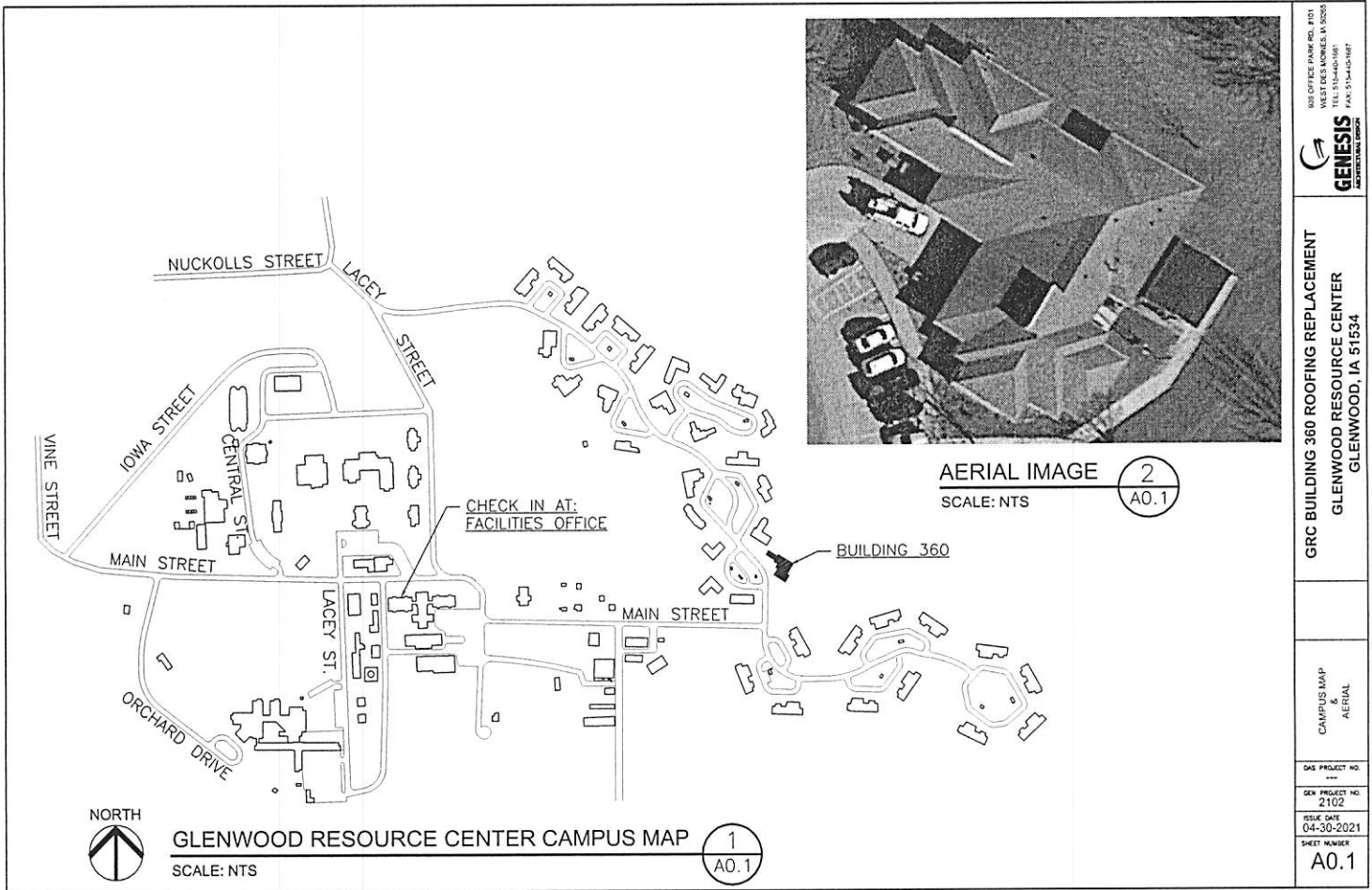
2102

DATE DATE

04-30-2021

SHEET NUMBER

A0.0



800 OFFICE PARK RD. #101
WEST DES MOINES, IA 50265
TEL: 515-440-1861
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GENESIS
ADMINISTRATIVE

GRC BUILDING 360 ROOFING REPLACEMENT
GLENWOOD RESOURCE CENTER
GLENWOOD, IA 51534

CAMPUS MAP
&
AERIAL

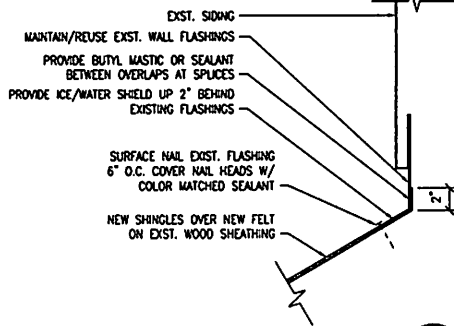
DAS PROJECT NO.
2102

GEN PROJECT NO.
2102

ISSUE DATE
04-30-2021

SHEET NUMBER
A0.1

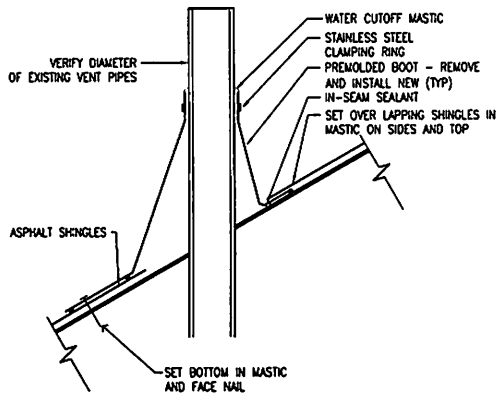
NOTE: CONTRACTOR TO EXERCISE CAUTION WHEN BENDING UP EXISTING WALL FLASHING TO NOT DAMAGE EXISTING SIDING.



WALL FLASHING DETAIL

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

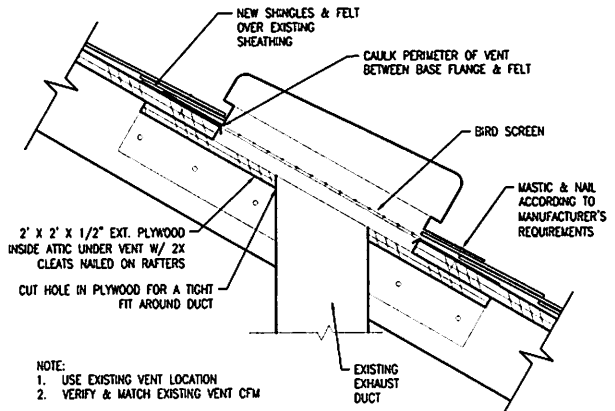
4
A1.1



VENT THROUGH ROOF DETAIL

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

3
A1.1

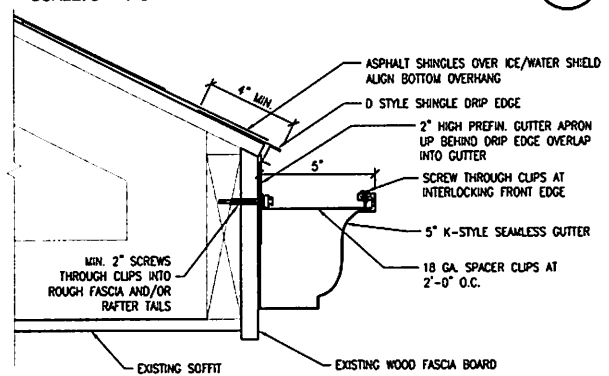


NOTE:
1. USE EXISTING VENT LOCATION
2. VERIFY & MATCH EXISTING VENT CFM

HAT VENT DETAIL

SCALE: 3" = 1'-0"

2
A1.1



GUTTER DETAIL

SCALE: 3" = 1'-0"

1
A1.1

PREFINISHED METAL TRIM:

WHEN SMELTING D-5-STEP DRIP EDGE AND GUTTER APRON, FULL LENGTHS OF MATERIAL SHALL BE USED, NO USE OF MULTIPLE SHORT PIECES ON LONG RUNS.

OUT AROUND CUTTER HANDLES.
WHEN PUTTING CUTTER UP, PROPER PITCH SHALL BE RE-ESTABLISHED FOR
DRAINAGE AND BE TUCKED UP BEHIND CUTTER APRON.
WHEN CUTTER APRON AND D-STYLE DRAP EDGE IS DISTORTED, IT SHALL NOT
BE BENT OR CROSSED. -D-STYLE DRAP EDGE SHALL HAVE A 2" ROUNDED
OVERLAP BETWEEN PITCHES.

DOWN TO PROPERLY COVER THE EDGE OF THE SHEETING AND THE UPPER
-WELD D-SIDE DRIP EDGE OR CUTTER APRON SHALL LAY FLAT AND EXTEND
EDGE OF THE FASCIA
-CUTTER APRONS SHALL HAVE 2 VERTICAL WITH BOTTOM BEADED EDGE.
-ALL CUTTERS ARE TO BE CONTINUOUS LENGTH SEAMLESS CUTTER.

SHINGLES:

STARTER STRIP SHALL OVERLAP EAVES AND RAKES 1/4" TO 3/4" FOR
DAMP EDGE.
STARTER STRIP SHALL OVERLAP RAKE STARTER. IT NEEDS TO OVERLAP EAVE STARTER A
MINIMUM OF 5".
AGENCY SHALL SPECIFY SHADE COLOR AS PER JOB.
STARTER STRIP AND FIRST ROW OF SHingles NEED TO BE OFFSET.
STARTER STRIP NEEDS TO BE INSTALLED ON ALL EAVES AND RAKES. IT

SHALL LAY FLAT, -THE STARTER STRIP WILL NOT HAVE BELOW SHINGLES. -SHINGLES WILL NOT OVERHANG EAVES AND RAFTERS MORE THEN 3/4" FOR DEEP EOOD. -ALL SHINGLES ALONG EAVES AND RAFTERS SHOULD HAVE A CLEAN LOOK (STRIPED BRIMS AND GUTS)

THESE SHAPES SHOULD BE INSTALLED FACTORY EDGE TO FACTORY EDGE. ANY SHAPES THAT ARE TORN OR SCARRED (SURFACE SCABBING OR DAMAGED EDGES) SHALL BE REPLACED UPON INSPECTION. THE THINNING SIZE SHAPES NEED TO BE RATED DOWN WITHIN NO LESS THAN SIX DAYS ON SIX STATES.

UNDERLAYMENT:

OVERLAP MORE THEN 1/4"
UNDERLAPMENT NEEDS TO OVERLAP WATER/ICE/WATER SHIELD BY AT
LEAST 6"
-INSTALL ICE AND WATER SHIELD FROM EAVE TO A MINIMUM 24" BEYOND
THE INSIDE WALL LINE. -ICE AND WATER SHIELD NEEDS TO BE INSTALLED

IN EVERY VALLEY.
-A MINIMUM OF 20" WIDE, 24-GAUGE PREPARED STEEL, WITH KNAR
FINISH SHALL BE USED FOR THE VALLEYS. NO LACING OF SHAPES.
VALLEY WALL SHALL BE INSTALLED WITH JUST THE HEADS OF NAILS
HOLDING IT IN PLACE. THERE SHALL BE NO NAILS DRIVEN THROUGH THE
EXPOSED PORTION OF THE VALLEY FLASHING.

MAILING:

MAIS MUST BE DRYEN FLUSH WITH SURFACE OF SHINGLE IF MAIS ARE DRAWN INTO OR THROUGH THE SHINGLE. IT SHALL BE REMOVED AND REPLACED.

IF ANY NAILS ARE EXPOSED IN THE PREVIOUS ROW, WHEN NEXT ROW OF SHINGLES ARE INSTALLED THE SHINGLE WITH THE EXPOSED NAIL OR NAILS SHALL BE REMOVED AND REPLACED WITH A NEW SHINGLE AND PROPERLY Nailed.

ALL EXPOSED NAILS IN RIDGE CAP, VENTS OR FLASHING SHALL BE PROPERLY SEALED WITH AN APPROVED ROOFER'S CAULK IS MATCHING COLOR.

EXISTING ROOF CONSTRUCTION:

EXISTING ROOF AREAS, SLOPES AND DETAILS HAVE BEEN REPRESENTED AS ACCURATELY AS POSSIBLE. VARIATIONS MAY OCCUR.

3. EXISTING WOOD TRUSSES AT 24" O.C.

NEW ROOF CONSTRUCTION:

1. ASPHALT SHIMMERS
2. ICE AND WATER SHEILD AND 30 LB FELT
3. EXISTING WOOD PLYWOOD SHEATHING
4. EXISTING WOOD TRUSSES AT 24" O.C.

MATERIAL COLORS:

PREPUNISHED METAL TRAIL WHITE
CUTTERS & DOWNSPOUTS: WHITE
WALLY FLASHING: TO BE SELECTED BY OWNER

GENERAL NOTES:

9. CONTRACTOR TO FIELD REPORT ALL HOUR SLIPS, DEMANDS AND SITE CONDITIONS, REPORT ANY DISCREPANCIES TO ARCHITECT PRIOR TO PROCEEDING WITH ANY WORK.

8. CONTRACTOR TO COORDINATE ALL WORK WITH OTHER TRADES AND COORDINATE SCHEDULE WITH OWNER.

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.

H. REMOVE AND DISPOSE OFF SITE ALL EXISTING METAL FLASHING, SHINGLES, AND DAMAGED SHEATHING/TRIM.

NOTIFY OWNER IF THERE IS DAMAGED SHEATHING THAT NEEDS TO BE REPLACED.

J. CONTRACTOR TO VERIFY ALL DIMENSIONS, QUANTITIES, AREA & SLOPE.

K. SF QUANTITIES ARE ESTIMATES ONLY, CONTRACTOR TO FIELD VERIFY ACTUAL SF.

7. CONTRACTOR TO VERIFY CONDITION OF EXISTING SHEATHING MATERIAL AND NOTIFY ARCHITECT IF REPAIR OR REPLACEMENT IS NEEDED. NOTIFY OWNER IF THERE IS DAMAGED SHEATHING THAT NEEDS TO BE REPLACED.

FLASHED VALLEY FLASHING SHALL BE 12 INCHES WIDE, 6 INCHES ON EACH SIDE OF A SINGLE CENTER CREASE.

o. HAT VENTS TO HAVE INTEGRAL BIRD SCREEN MESH APPLIED DIRECTLY TO SHEATHING OPENING. REMOVE AND INSTALL NEW ROOF VENTS (COLOR WILL BE DETERMINED AT TIME OF SITE VISIT).

R. CONTRACTOR IS RESPONSIBLE FOR A THOROUGH FINAL JOB SITE CLEAN UP. REMOVE ALL NAILS AND DEBRIS FROM ROOF, CUTTERS AND GROUND SURROUNDING THE SITE. USE A MAGNET TO REMOVE NAILS FROM LAWN AND LANDSCAPE AREA. ANY DAMAGE TO LAWN OR LANDSCAPE

SHALL BE REPAIRED TO INCLUDE FILLING OF ROTS AND RESEEDING.

1. PROVIDE A SEPARATE LINE ITEM WITH BIDS FOR UNIT COST TO REPLACE ANY DAMAGED SHEATHING. UNIT COST IS FOR 4' X 8' SHEET OF 1/2" EXTERIOR GRADE PLYWOOD WITH "H" CLIPS BETWEEN TRUSSES.
