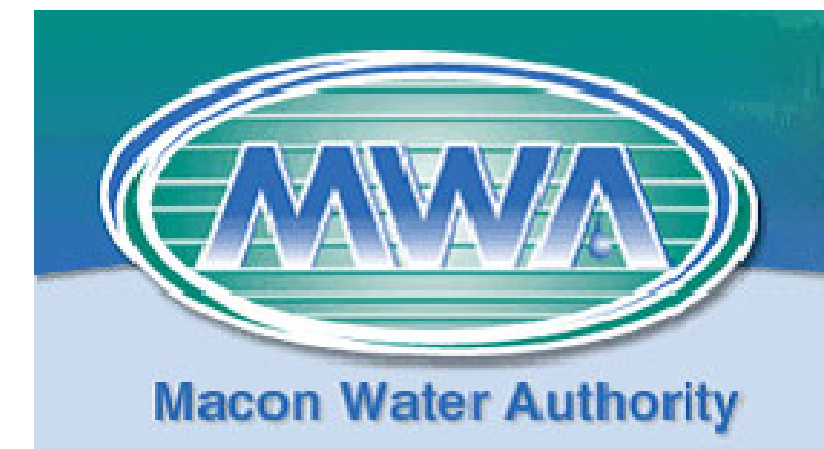


REPLACE ROOF, 1948 WAREHOUSE ROOF AREA 5 MACON, GEORGIA

FOR THE MACON WATER AUTHORITY

790 SECOND STREET
MACON, GEORGIA 31206



PROJECT NARRATIVE:
THE EXISTING SMOOTH SURFACE BUILT-UP ROOF (B.U.R.), INSULATION, GUTTER/DOWNSPOUTS, PERIMETER METAL AND METAL SOFFIT ALONG THE SOUTH, EAST & WEST ROOF EDGES ARE TO BE REMOVED DOWN TO THE EXISTING METAL DECK AND REPLACED WITH A NEW TAPERED PVC MEMBRANE ROOF SYSTEM WITH NEW COVERBOARD, INSULATION, GUTTERS/DOWNSPOUTS PERIMETER EDGE METAL AND SOFFIT ALONG SOUTH ROOF EDGE. NEW PARAPET WALLS ARE TO BE INSTALLED WITH NEW 2-PC. COMPRESSION EDGE METAL ALONG THE HIGH SIDE EAVE AND RAKE CONDITIONS IN ORDER TO FACILITATE DRAINAGE. SEE BELOW FOR LOCATION OF THE MACON WATER AUTHORITY 1948 WAREHOUSE'S ROOF AREA 5.

ALTERNATE BID ITEM:
THE EXISTING CLERESTORY WINDOWS ON THE SOUTH SIDE OF ROOF AREA 5, ADJOINING ROOF AREA 3, ARE TO BE REMOVED AND REPLACED WITH A NEW R-PANEL METAL WALL PANEL SYSTEM AND WOOD SUBFRAME. NEW RECEIVER AND COUNTERFLASHING ARE TO BE INSTALLED AT BASE OF NEW WALL PANELS.

DATE	REVISIONS



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R-2	WIND ZONE ROOF PLAN
R-3	NEW WORK ROOF PLAN
R-4	DETAILS

MACON WATER AUTHORITY OFFICIALS	
GARY BECHTEL	CHAIRMAN
CALDER CLAY	DISTRICT 1
DESMOND D. BROWN	DISTRICT 2
DWIGHT JONES	DISTRICT 3
FRANK PATTERSON	DISTRICT 4 (VICE-CHAIRMAN)
BILL HOWELL	MACON-BIBB COUNTY REPRESENTATIVE
VALERIE WYNN	MACON-BIBB COUNTY REPRESENTATIVE

LOCATION MAP

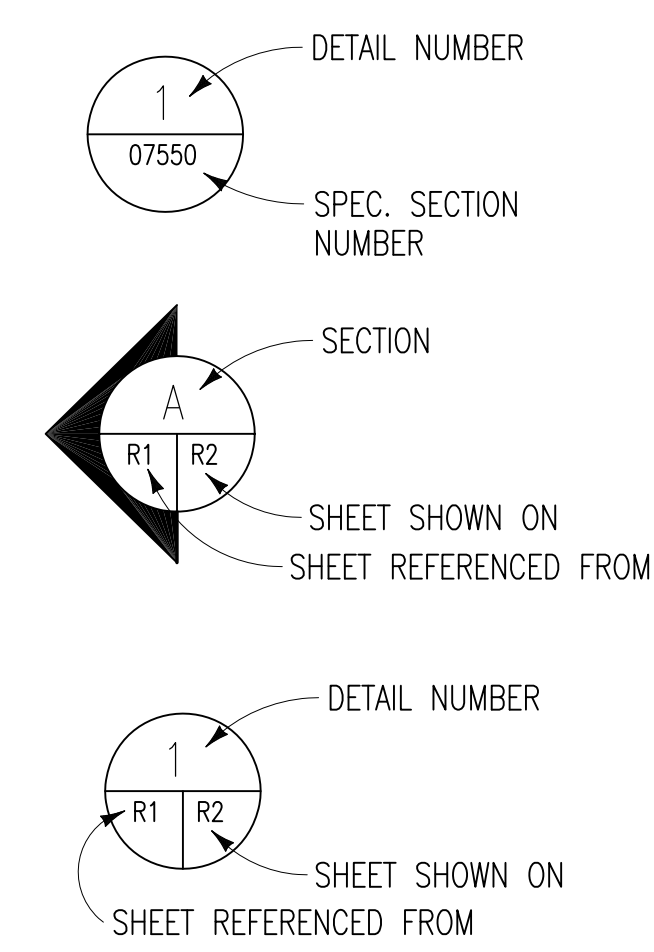


PROJECT SITE:
1948 WAREHOUSE, ROOF AREA 5
951 5TH STREET, MACON, GA

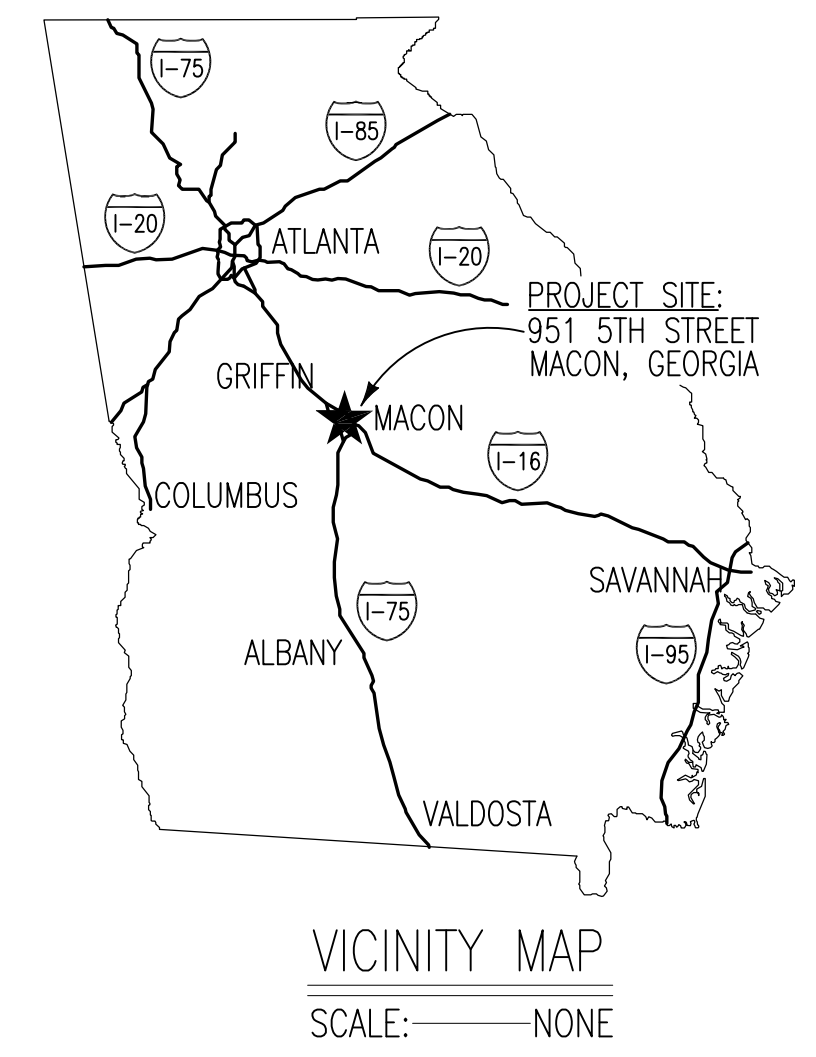


24-HOUR CONTACT:
JOEL HERNDON, CHIEF INSPECTOR
MACON WATER AUTHORITY
MACON, GA 31201
PHONE: 478-464-5639
EMAIL: JHERNDON@MACONWATER.ORG

DRAWING SYMBOLS



VICINITY MAP



DESIGNED BY
MICHAEL E. CLARK & ASSOCIATES, INC.
3643 VINEVILLE AVENUE
MACON, GA 31204
PHONE: 478-471-6661

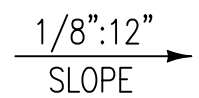

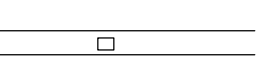
COVER SHEET
MACON WATER AUTHORITY 1948 WAREHOUSE ROOF AREA 5
951 5TH STREET
MACON, GA 31201

Drawn By	C.BELL
Checked By	CLARK
Date	05/23/2024
Job No.	2024-33
Drawing Number	

X-1
SHEET 1 OF 5

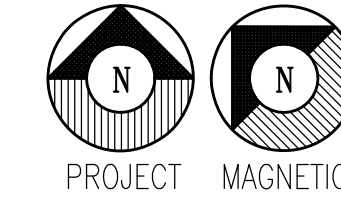
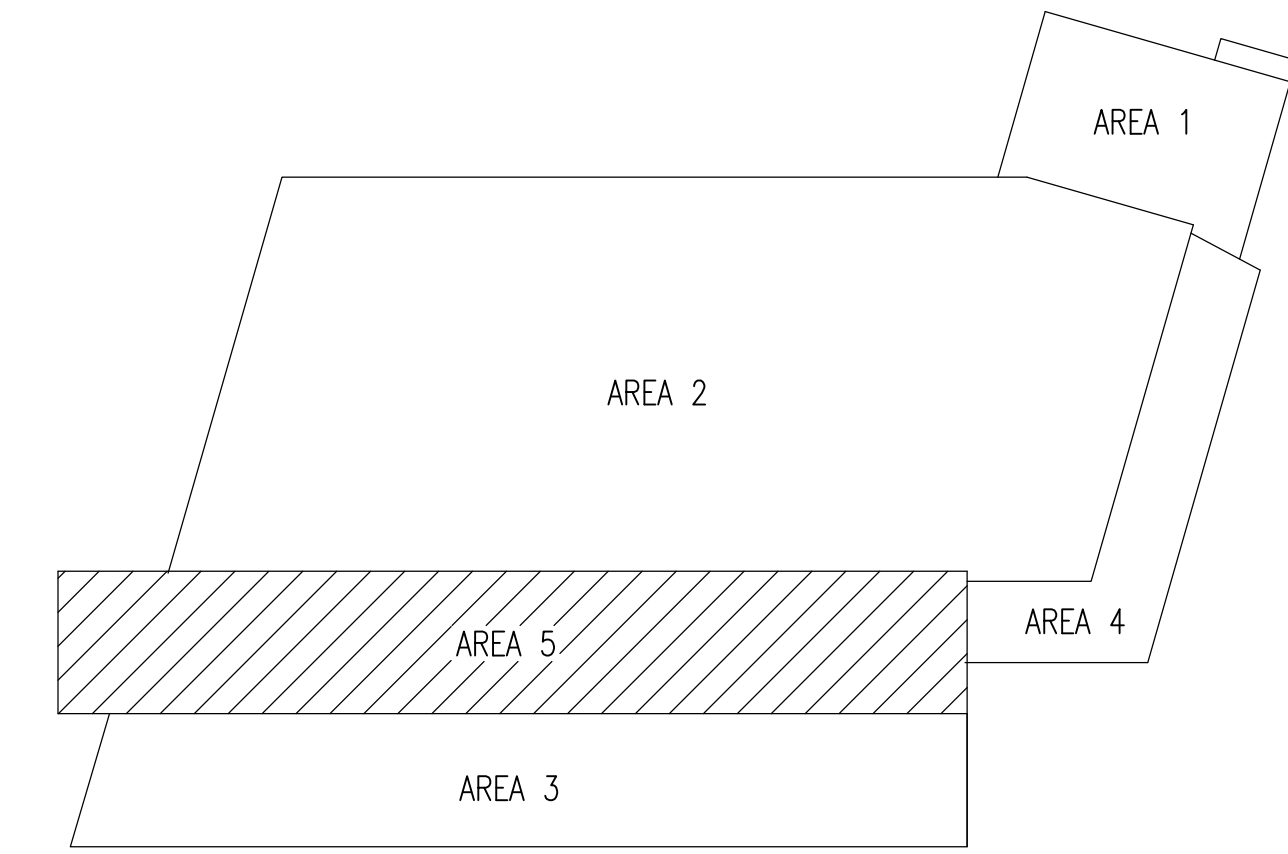
ISSUED FOR CONSTRUCTION

LEGEND

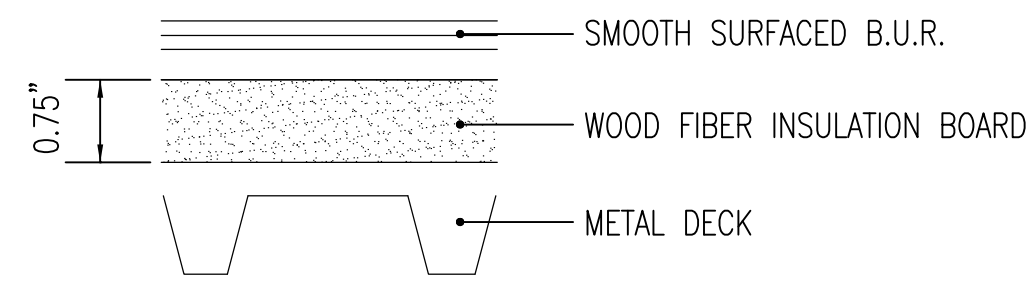
-  DIRECTION AND APPROXIMATE MAGNITUDE OF EXISTING ROOF SLOPE (BUILT INTO STRUCTURE U.N.O.)
-  EXISTING "RAINWISE" RAIN GAUGE AND PLYWOOD SUPPORT PAD
-  EXISTING GUTTER AND DOWNSPOUT(S)

DEMOLITION NOTES (THIS SHEET ONLY)

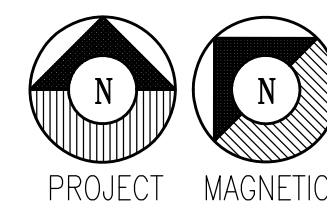
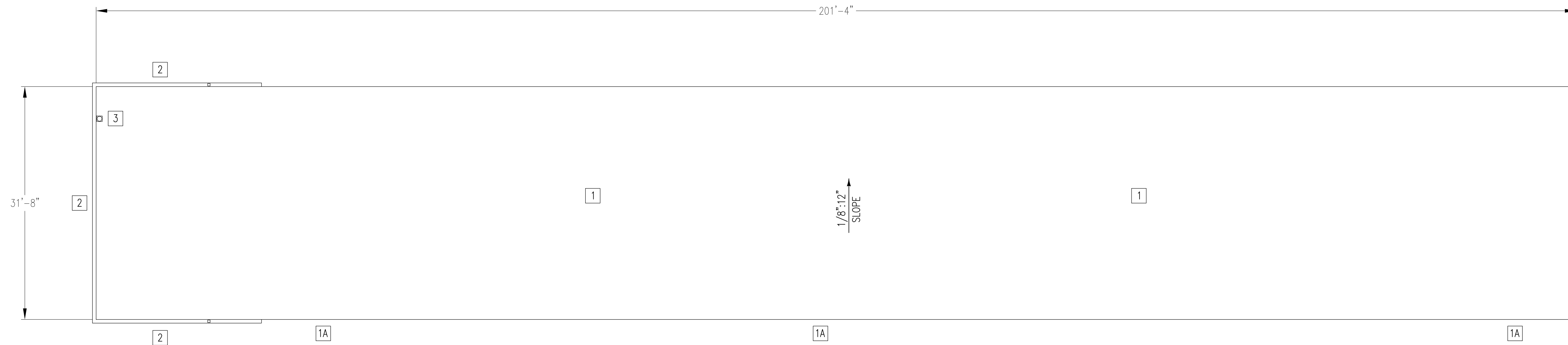
- 1 EXISTING SMOOTH SURFACE BUILT-UP ROOF (B.U.R.), WOOD BLOCKING, AND WOOD FIBER INSULATION TO BE REMOVED DOWN TO THE EXISTING METAL DECK. EXISTING PERIMETER METAL TO BE REMOVED. REMOVE THE EXISTING METAL SOFFIT ALONG THE HIGH-SIDE EAVE AND RAKES (I.E., THE EAST, WEST, AND SOUTH SIDES).
- 2 EXISTING GUTTER AND DOWNSPOUTS TO BE REMOVED.
- 3 EXISTING "RAINWISE" RAIN GAUGE AND PLYWOOD SUPPORT PAD TO BE REMOVED.
- 1A ALTERNATE BID ITEM:
EXISTING CLERESTORY WINDOWS TO BE REMOVED ALONG SOUTH WALL IN PREPARATION FOR INSTALLATION OF NEW R-PANEL METAL WALL PANEL SYSTEM AND WOOD SUBFRAME.



KEY PLAN – 1948 WAREHOUSE ADMIN BLDG
SCALE: N.T.S.



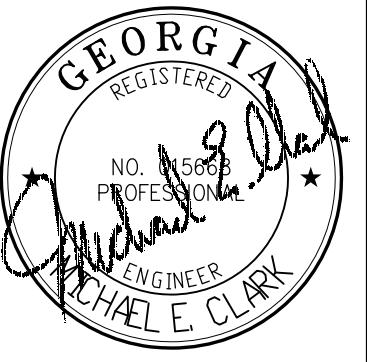
ROOF CORE (TYP.)
SCALE: N.T.S.



DEMOLITION ROOF PLAN – 1948 WAREHOUSE ROOF AREA 5
SCALE: 1/8"=1'-0"

GENERAL NOTE: THE CONTRACTOR SHALL NOTIFY THE MACON WATER AUTHORITY INSPECTIONS DEPARTMENT 48 HOURS PRIOR TO BEGINNING CONSTRUCTION. CALL CHIEF INSPECTOR JOEL HERNDON (478) 464-5639.

DATE	REVISIONS



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DEMOLITION ROOF PLAN
MACON WATER AUTHORITY 1948 WAREHOUSE ROOF AREA 5
951 5TH STREET
MACON, GA 31201

Drawn By	C.BELL
Checked By	CLARK
Date	05/23/2024
Job No.	2024-33
Drawing Number	

R-1
SHEET 2 OF 5

LEGEND

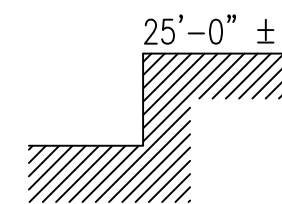
1/4":1' SLOPE → APPROXIMATE DIRECTION AND MAGNITUDE OF NEW (FINISHED) ROOF SLOPE

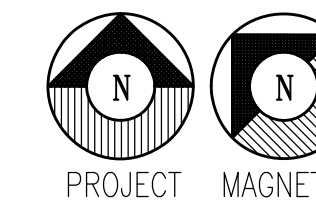
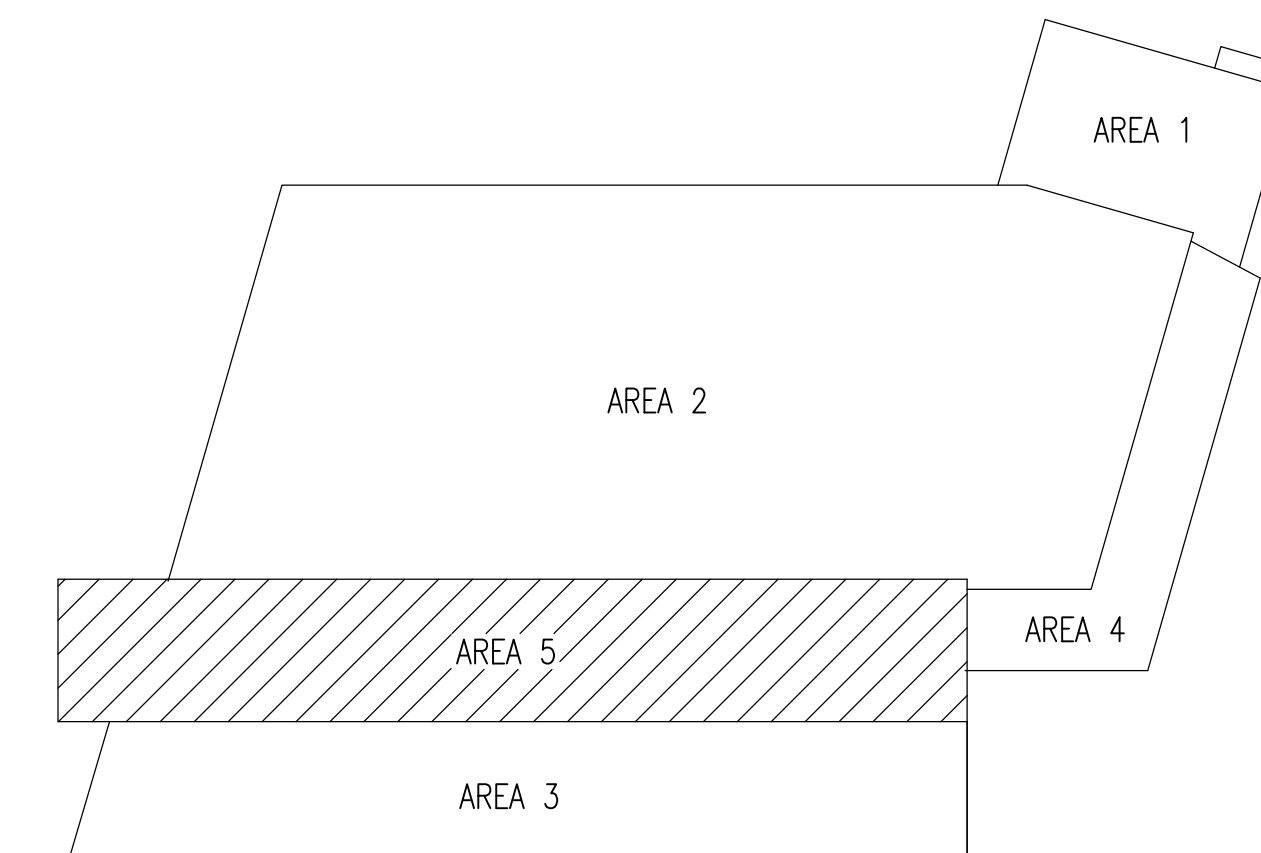
② PERIMETER ROOF ZONE

③ CORNER ROOF ZONE

④ WALL FIELD ZONE

⑤ WALL CORNER ZONE

25'-0" ±
 APPROXIMATE DIFFERENCE BETWEEN EXISTING GRADE AND THE EXISTING ROOF SURFACE AT THE EAVE.



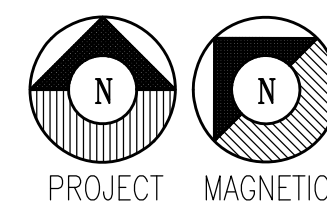
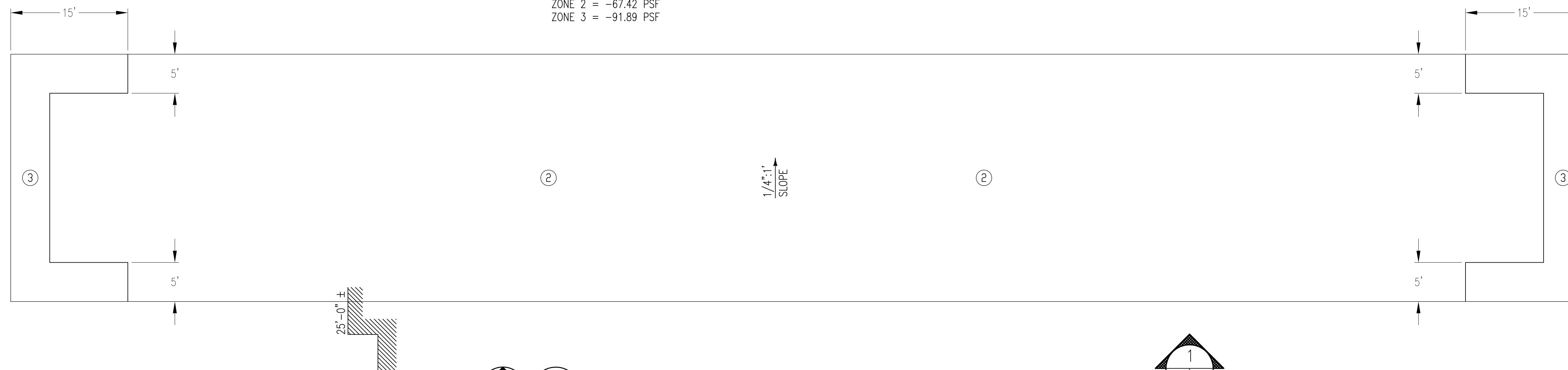
KEY PLAN – 1948 WAREHOUSE ADMIN BLDG

SCALE: N.T.S.

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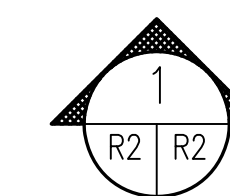
NOTE: THESE VALUES ARE UNFACTORED UP-LIFT PRESSURES AND DO NOT INCLUDE A LOAD-REDUCTION FACTOR OR FACTOR OF SAFETY.

ROOF AREA STRENGTH DESIGN WIND
 UP-LIFT PRESSURES:
 ZONE 2 = -67.42 PSF
 ZONE 3 = -91.89 PSF



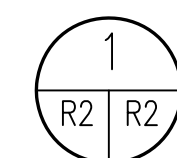
WIND ZONE ROOF PLAN – 1948 WAREHOUSE ROOF AREA 5

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



WALL AREA STRENGTH DESIGN WIND
 UP-LIFT PRESSURES:
 ZONE 4 = -31.81 PSF
 ZONE 5 = -39.15 PSF

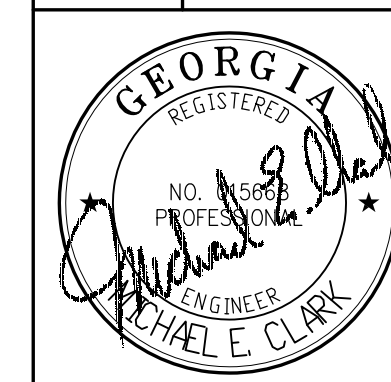
NOTE: THESE VALUES ARE UNFACTORED UP-LIFT PRESSURES AND DO NOT INCLUDE A LOAD-REDUCTION FACTOR OR FACTOR OF SAFETY.



WIND ZONE WALL ELEVATION– ROOF AREA 5 SOUTH CLERESTORY WALL

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

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WIND ZONE ROOF PLAN AND WALL ELEVATION
 MACON WATER AUTHORITY 1948 WAREHOUSE ROOF AREA 5
 951 5TH STREET
 MACON, GA 31201

Drawn By	C.BELL
Checked By	CLARK
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