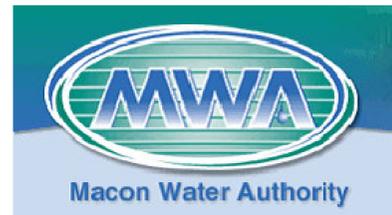


ROCKY CREEK WRF ADMINISTRATION BUILDING REPLACE ROOF AND WALL REPAIR MACON, GEORGIA

FOR THE
MACON WATER AUTHORITY

790 SECOND STREET
MACON, GEORGIA 31206



DATE	REVISIONS



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THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS, DIMENSIONS, AND SITE CONDITIONS PRIOR TO COMMENCEMENT OF WORK.

LOCATION MAP

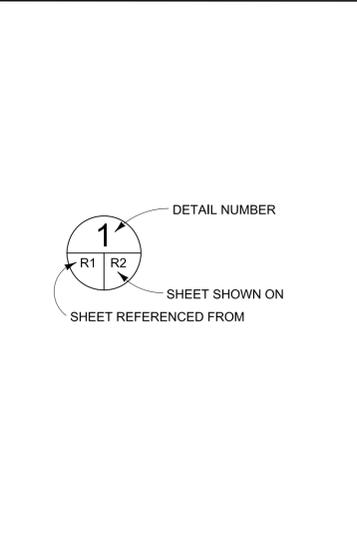


COVER SHEET
ROCKY CREEK WRF ADMINISTRATION BUILDING
REPLACE ROOF AND WALL REPAIR
MACON, GEORGIA 31206

INDEX OF DRAWINGS

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DRAWING SYMBOLS



VICINITY MAP



LOCATION MAP
SCALE: NONE

PROJECT SITE:
ROCKY CREEK WATER RECLAMATION FACILITY
ADMINISTRATION AND POST AERATION BUILDINGS

Drawn By J. WARNER
Checked By M. CLARK
Date 02/11/2026
Job No. 2025-107
Drawing Number

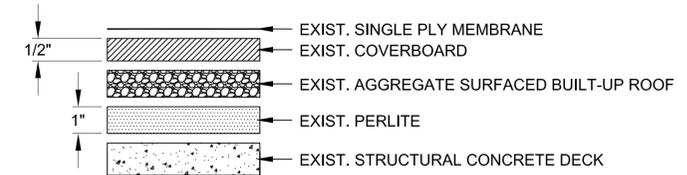
X-1

LEGEND

-  EXISTING CMU-BALLASTED ROOF-MOUNTED ANTENNA
-  1'10" SQ GV
EXISTING GRAVITY VENT (GV) W/ SIZE
-  4'10"x3'9"
RTU
EXISTING ROOFTOP UNIT (RTU) W/ SIZE
-  4"Ø VTR
EXISTING VENT THRU ROOF (VTR) W/ SIZE
-  2'8" SQ HVAC
EXISTING 2'8"x2'8" HVAC UNIT ON SUPPORTS
-  EXISTING 11.5"x7.5" CONDUCTOR HEAD W/ 4"x3" DOWNSPOUT
-  EXISTING THRU-WALL SCUPPER W/ CONDUCTOR HEAD AND DOWNSPOUT
-  EXISTING CAGED LADDER
-  EXISTING CONCRETE-FILLED BUCKET-BALLASTED WEATHER SENSORS
-  9" SQ PP
EXISTING PITCH POCKET W/ CONDUIT & SIZE
-  1
CORE LOCATION

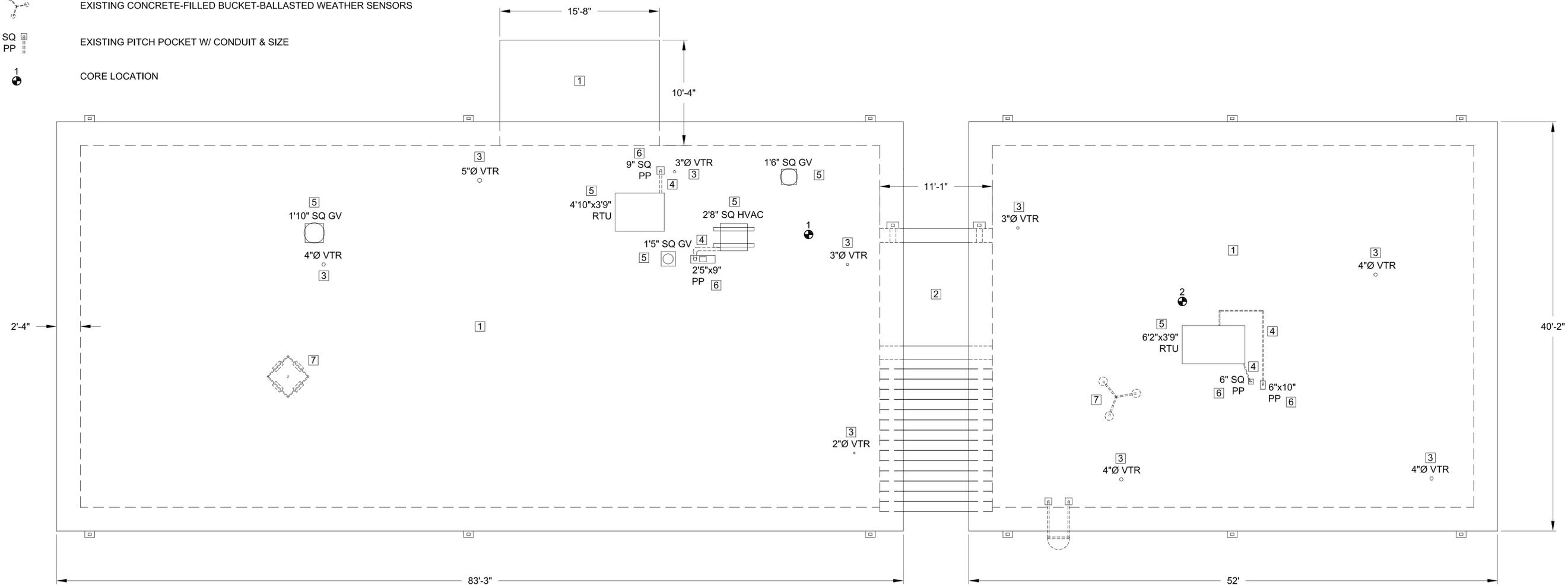
DEMOLITION NOTES (THIS SHEET ONLY)

- 1 EXISTING SINGLE-PLY MEMBRANE, COVERBOARD, AGGREGATE SURFACED BUILT-UP ROOF SYSTEM, AND PERLITE INSULATION TO BE REMOVED DOWN TO THE EXISTING PRE-CAST CONCRETE DECK. ALL SHEET METAL PERIMETER FLASHING, WOOD NAILERS, CONDUCTORS HEADS, AND DOWNSPOUTS TO BE REMOVED.
- 2 EXISTING SINGLE-PLY MEMBRANE, WOOD FIBERBOARD, AGGREGATE SURFACED BUILT-UP ROOF SYSTEM, AND PERLITE TO BE REMOVED DOWN TO THE EXISTING METAL DECK. METAL DECK TO REMAIN.
- 3 EXISTING PLUMBING VENT THRU ROOF (VTR) FLASHINGS TO BE REMOVED. EXTEND PIPE AS REQUIRED TO MEET 8" MINIMUM FLASHING HEIGHT (TYP.).
- 4 EXISTING ELECTRICAL AND HVAC EQUIPMENT TO BE TEMPORARILY SUPPORTED DURING ROOF CONSTRUCTION.
- 5 EXISTING ROOFTOP UNIT (RTU) AND GRAVITY VENT (GV) TO BE TEMPORARILY SUPPORTED (TYP.), EXISTING CURB AND FLASHINGS TO BE REMOVED (TYP.). EXISTING EQUIPMENT SUPPORTS TO BE REMOVED (TYP.).
- 6 EXISTING PITCH POCKET FLASHINGS TO BE REMOVED (TYP.).
- 7 EXISTING BALLASTED ROOFTOP EQUIPMENT TO BE TEMPORARILY SUPPORTED DURING ROOF REMOVAL (TYP.).



DATA FOR CORES #1 AND #2

SCALE: NONE



DEMOLITION ROOF PLAN - ADMINISTRATION BUILDING

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

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DEMOLITION ROOF PLAN
 ROCKY CREEK WRF ADMINISTRATION BUILDING
 REPLACE ROOF AND WALL REPAIR
 MACON, GEORGIA 31206

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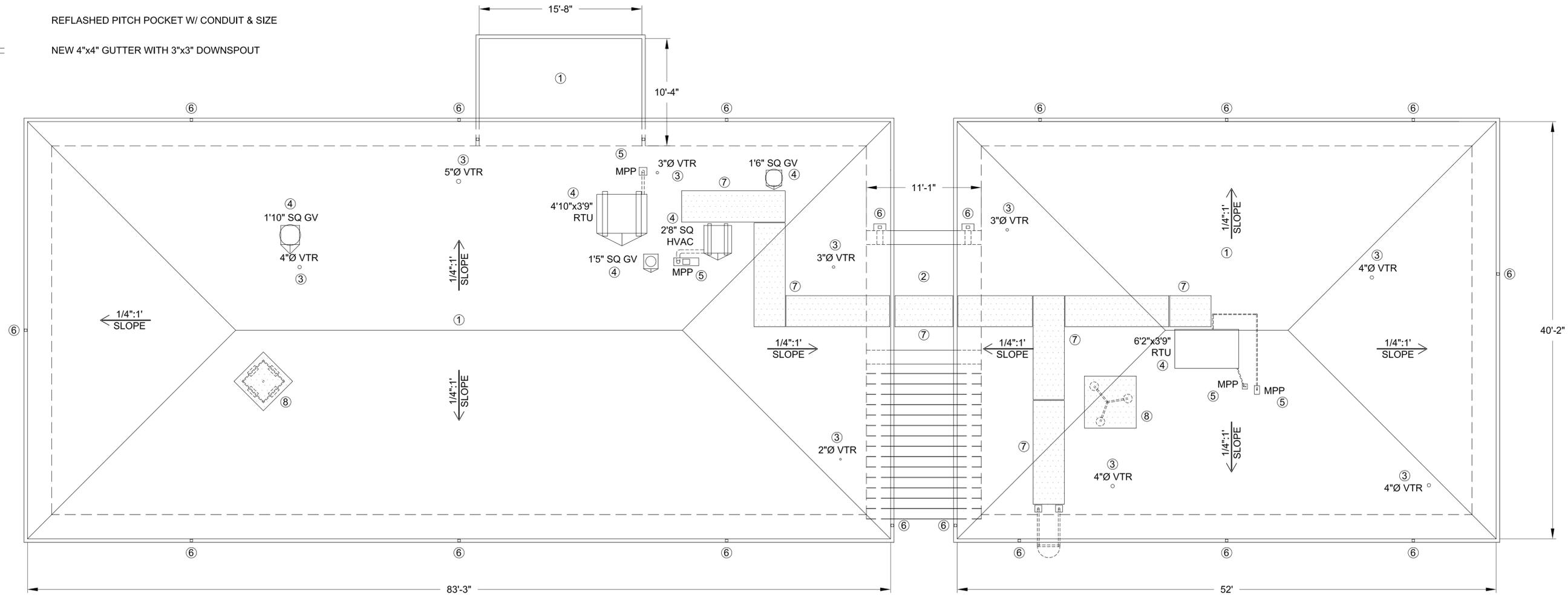
R-1

LEGEND

-  REINSTALLED CMU-BALLASTED ROOF-MOUNTED ANTENNA
-  1'10" SQ GV
REFLASHED GRAVITY VENT (GV) W/ SIZE
-  4'10"x3'9"
RTU
REFLASHED ROOFTOP UNIT (RTU) W/ SIZE
-  4"Ø VTR
REFLASHED VENT THRU ROOF (VTR) W/ SIZE
-  2'8" SQ HVAC
REFLASHED 2'8"x2'8" HVAC UNIT ON SUPPORTS W/ PITCH POCKET
-  EXISTING THRU-WALL SCUPPER W/ NEW CONDUCTOR HEAD AND DOWNSPOUT
-  REFLASHED CAGED LADDER
-  REINSTALLED CONCRETE-FILLED BUCKET-BALLASTED WEATHER SENSORS
-  9" SQ PP
REFLASHED PITCH POCKET W/ CONDUIT & SIZE
-  NEW 4"x4" GUTTER WITH 3"x3" DOWNSPOUT

NEW WORK NOTES (THIS SHEET ONLY)

- ① NEW 60 MIL PVC MEMBRANE, 1/2" COVERBOARD, 1/4" TAPERED POLYISO INSULATION, (2) 2" LAYERS OF POLYISO INSULATION, AND VAPOR RETARDER ALL TO BE FULLY ADHERED TO EXISTING PRE-CAST CONCRETE DECK.
- ② NEW 60-MIL PVC MEMBRANE, 1/2" COVERBOARD, 1/4" TAPERED POLYISO INSULATION, AND UPPER LAYER OF (2) 2" POLYISO INSULATION TO BE FULLY ADHERED; LOWER 2" POLYISO INSULATION LAYER TO BE MECHANICALLY ATTACHED TO METAL DECK.
- ③ EXISTING PLUMBING VENT THRU ROOF (VTR) TO BE REFLASHED (TYP.). SEE DETAIL 3 ON SHEET R-6.
- ④ EXISTING ROOFTOP UNIT (RTU) AND GRAVITY VENT (GV) TO BE REINSTALLED AND REFLASHED (TYP.). NEW SLEEPERS AND EQUIPMENT SUPPORTS TO BE INSTALLED (TYP.). SEE DETAILS 1 AND 2 ON SHEET R-6.
- ⑤ NEW MULTI-PIPE PENETRATION HOOD TO BE INSTALLED (TYP.). SEE DETAIL 5 ON SHEET R-6.
- ⑥ NEW 4"x4" GUTTER WITH NEW 3"x3" DOWNSPOUTS AND NEW CONCRETE SPLASH BLOCKS TO BE INSTALLED (TYP.). NEW 24 GA FASCIA METAL TO BE INSTALLED (TYP.). SEE DETAIL 4 ON SHEET R-6. THRU-WALL SCUPPERS ON LOWER ROOF AREA TO BE REFLASHED AND NEW CONDUCTOR HEADS AND DOWNSPOUTS TO BE INSTALLED. SEE DETAIL 6 ON SHEET R-6.
- ⑦ NEW WALKPADS TO BE INSTALLED ON NEW ROOF MEMBRANE TO PROVIDE ACCESS TO ROOFTOP EQUIPMENT.
- ⑧ NEW WALKPADS TO BE INSTALLED ON NEW ROOF MEMBRANE UNDER BALLASTED EQUIPMENT.
- ⑨ EXISTING CAGED LADDER TO BE REFLASHED. SEE DETAIL 3 ON SHEET R-6.



 **NEW WORK ROOF PLAN - ADMINISTRATION BUILDING**
SCALE: 3/16"=1'-0"

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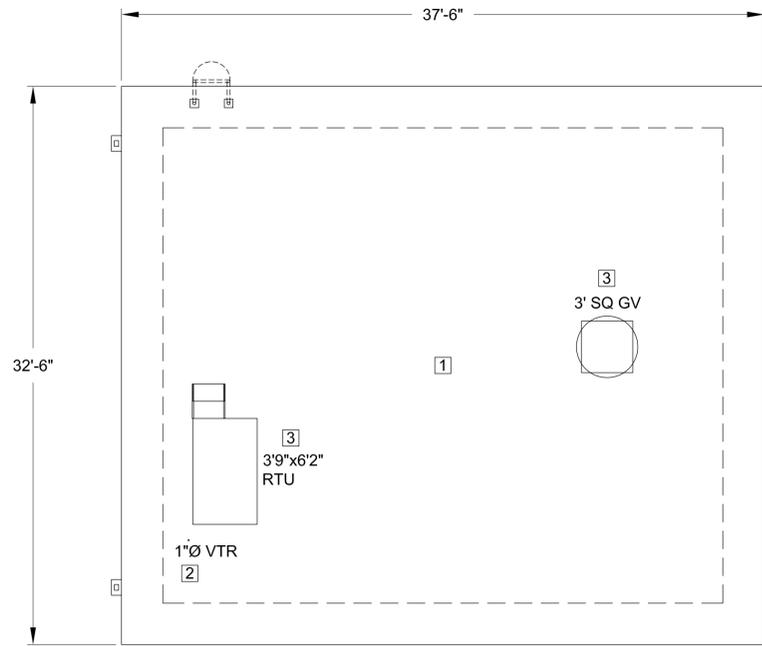
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NEW WORK ROOF PLAN
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REPLACE ROOF AND WALL REPAIR
MACON, GEORGIA 31206

Drawn By	J. WARNER
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LEGEND

-  3'9"x6'2" RTU EXISTING AND REFLASHED ROOFTOP UNIT W/ SIZE
-  EXISTING CAGED LADDER
-  3' SQ GV EXISTING AND REFLASHED 3'x3' GRAVITY VENT
-  1"Ø VTR EXISTING AND REFLASHED 1"Ø VENT THRU ROOF (VTR)
-  EXISTING CONDUCTOR HEAD W/ DOWNSPOUT
-  NEW 4"x4" GUTTER WITH 3"x3" DOWNSPOUT
-  ② PERIMETER ROOF ZONE
-  ③ CORNER ROOF ZONE
-  1/4":1" SLOPE DIRECTION AND APPROXIMATE MAGNITUDE OF NEW ROOF SLOPE
-  NEW WALKPAD



DEMOLITION NOTES (THIS SHEET ONLY)

- ① EXISTING SINGLE-PLY MEMBRANE, WOOD FIBERBOARD, AGGREGATE SURFACED BUILT-UP ROOF SYSTEM, AND PERLITE TO BE REMOVED DOWN TO THE EXISTING PRE-CAST CONCRETE DECK.
- ② EXISTING PLUMBING VENT THRU ROOF (VTR) FLASHING TO BE REMOVED. EXTEND PIPE AS REQUIRED TO MEET 8" MINIMUM FLASHING HEIGHT.
- ③ EXISTING ROOFTOP UNIT (RTU) AND GRAVITY VENT (GV) TO BE REMOVED AND STORED SECURELY FOR REINSTALLATION. EXISTING CURBS AND FLASHINGS TO BE REMOVED (TYP.).



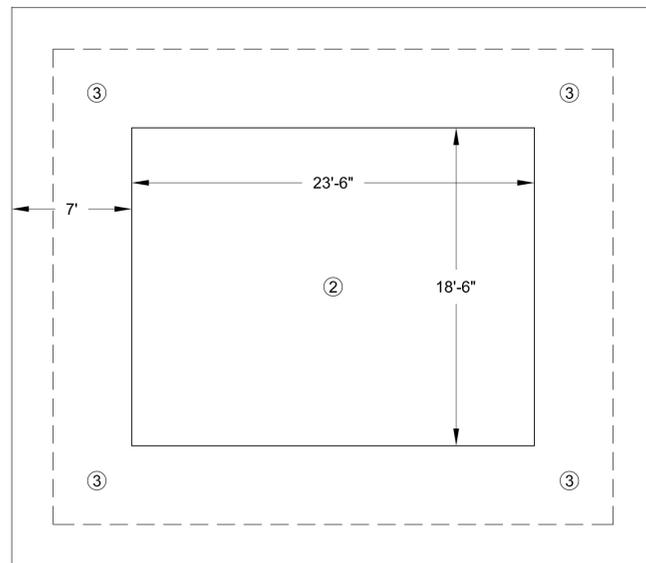
DEMOLITION ROOF PLAN - POST AERATION BUILDING

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

WIND UPLIFT PARAMETERS:
 ASCE VERSION: ASCE 17-22
 BASIC WIND SPEED: 115 MPH
 BUILDING CONFIGURATION: ENCLOSED
 EXPOSURE CATEGORY: C
 RISK CATEGORY: III

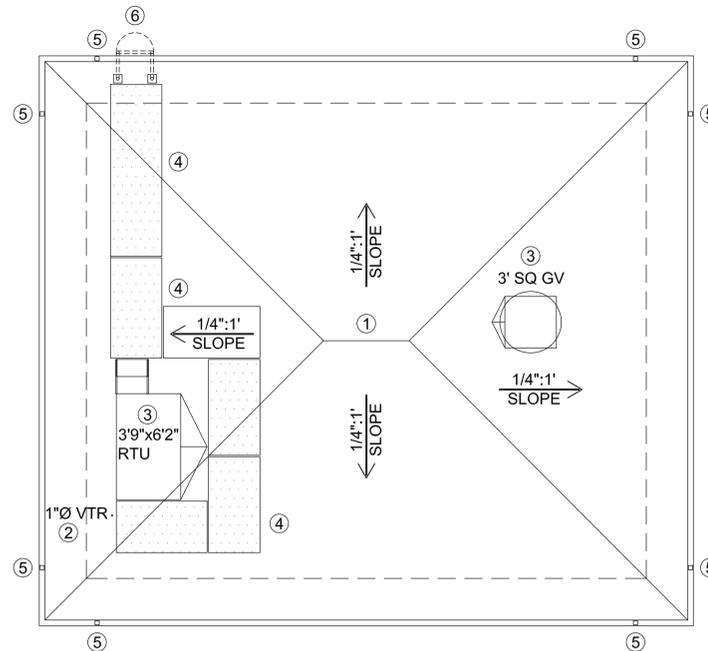
ROOF AREA DESIGN WIND UPLIFT PRESSURES:
 ZONE 2 = -62.32 PSF
 ZONE 3 = -84.93 PSF

NOTE: THE VALUES SHOWN ON THIS SHEET ARE UNFACTORED LRFD MAXIMUM UPLIFT PRESSURES, BY ZONE, AND DO NOT INCLUDE AN ASD LOAD REDUCTION FACTOR OF 0.6 NOR A FACTOR OF SAFETY.



WIND ZONE ROOF PLAN - POST AERATION BUILDING

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



NEW WORK NOTES (THIS SHEET ONLY)

- ① NEW 60-MIL PVC ROOFING MEMBRANE, 1/2" COVERBOARD, 1/4" PER FOOT TAPERED POLYISO INSULATION, (2) LAYERS OF 2" POLYISO INSULATION, VAPOR RETARDER, ALL TO BE FULLY ADHERED TO EXISTING PRE-CAST CONCRETE DECK.
- ② EXISTING PLUMBING VENT THRU ROOF (VTR) TO BE REFLASHED. SEE DETAIL 3 ON SHEET R-6.
- ③ EXISTING ROOFTOP UNIT (RTU) AND GRAVITY VENT (GV) TO BE REINSTALLED ON NEW CURBS AND FLASHED (TYP.). SEE DETAIL 1 ON SHEET R-6.
- ④ NEW WALKPADS TO BE INSTALLED ON NEW ROOF MEMBRANE TO PROVIDE ACCESS TO ROOFTOP EQUIPMENT.
- ⑤ NEW 4"x4" GUTTER WITH NEW 3"x3" DOWNSPOUTS AND NEW CONCRETE SPLASH BLOCKS TO BE INSTALLED (TYP.). NEW 24 GA FASCIA METAL TO BE INSTALLED (TYP.). SEE DETAIL 4 ON SHEET R-6.
- ⑥ EXISTING LADDER AND ATTACHMENT TO BE MODIFIED AS REQUIRED TO ACCOMMODATE NEW GUTTER INSTALLATION.



NEW WORK ROOF PLAN - POST AERATION BUILDING

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

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R-5

