CDB - PROJECT NUMBER 818-010-103 PHASE II

REPAIR AND REPLACE ROOFS ILLINOIS BOARD OF HIGHER EDUCATION WESTERN ILLINOIS UNIVERSITY MACOMB, McDONOUGH COUNTY ILLINOIS CDB BUILDING INVENTORY NO. KNOBLAUCH HALL #T4011 MALPASS LIBRARY #T4105

FOR:

STATE OF ILLINOIS CAPITAL DEVELOPMENT BOARD

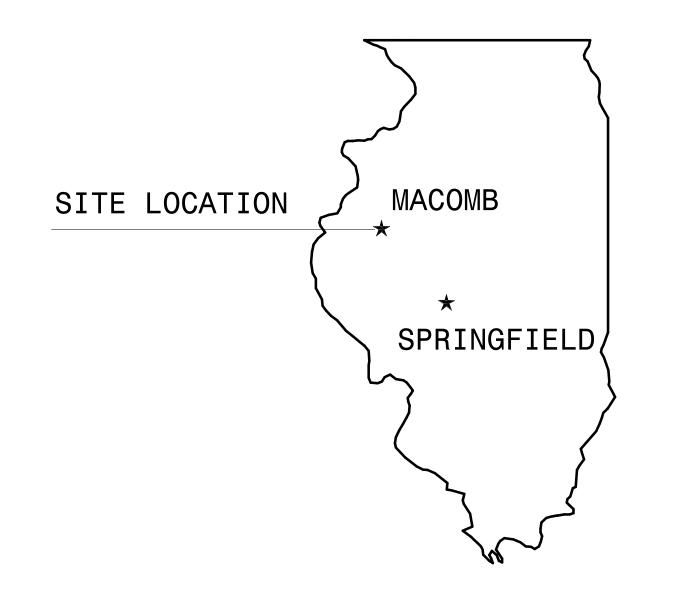
USING AGENCY: ILLINOIS BOARD OF HIGHER EDUCATION

BY:

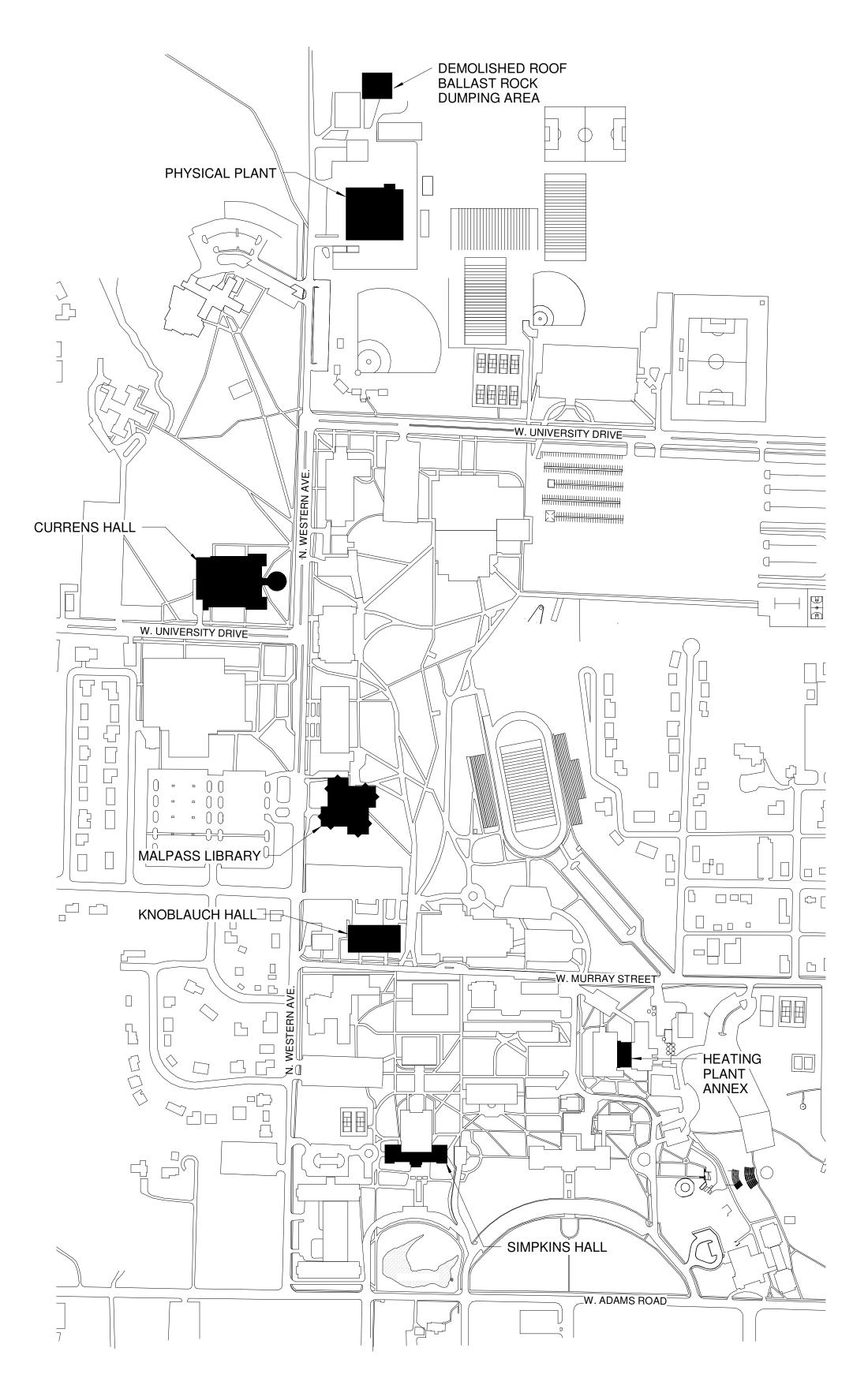
ARCHITECHNICS 510 MAINE STREET, 10TH FLOOR QUINCY, IL 62301 (217) 222-0554

FUHRMANN ENGINEERING 2852 SOUTH 11TH STREET SPRINGFIELD, IL 62703 (217) 529-5577

EVANS CONSULTING SERVICES 10891 CONESTOGA DRIVE GLENARM, IL 62536 (217) 720-0217



STATE LOCATION PLAN



CAMPUS MAP

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TITLE

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DEMOLITION

D101 ROOF DEMOLITION PLAN - KNOBLAUCH HALL

ARCHITECTURE

A101 ROOF PLAN - KNOBLAUCH HALL

NORTH ELEVATION - MALPASS LIBRARY

EAST ELEVATION - MALPASS LIBRARY

SOUTH ELEVATION - MALPASS LIBRARY

WEST ELEVATION - MALPASS LIBRARY

ROOFING DETAILS

A502 ROOFING DETAILS

GENERAL NOTES

- CONTRACTOR TO VERIFY ALL DIMENSIONS.
- ANY DISCREPANCIES BETWEEN STATED AND EXISTING CONDITIONS SHALL BE REPORTED IMMEDIATELY TO THE ARCHITECT
- DISCREPANCIES OR CONFLICTS BETWEEN SPECIFICATIONS AND DRAWINGS
- SHALL BE MADE KNOWN TO THE ARCHITECT FOR CLARIFICATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THOSE AREAS
- THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS, AS PER THE CONTRACTOR IS ALSO SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS
- THE CONTRACTOR SHALL CONFORM TO ALL LOCAL AND STATE CODES AND RECEIVE LOCAL AND STATE APPROVAL WHERE NECESSARY PRIOR TO
- THE CONTRACTOR SHALL GIVE ALL NECESSARY NOTICES AND OBTAIN ALL PERMITS AND PAY ALL LEGAL FEES. HE SHALL ALSO COMPLY WITH ALL CITY
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE TO THE
- THE CONTRACTOR MUST UNDERSTAND THAT THE WORK IS ENTIRELY AT HIS RISK UNTIL SAME IS ACCEPTED, AND HE WILL BE HELD RESPONSIBLE FOR ITS
- 10 THE CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY TEMPORARY MEASURES FOR THE PROTECTION OF THE WORK, INCLUDING BARRICADES, WARNING SIGNS, LIGHTS, ETC.
- 11 ANY WELDING REQUIRED ONSITE WILL REQUIRE A "HOT WORK PERMIT" FROM
- 12 THE CONTRACTOR SHALL FOLLOW ALL CURRENT COVID RESTRICTIONS AND GUIDELINES AS REQUIRED BY THE STATE OF ILLINOIS

ISSUED FOR BIDDING

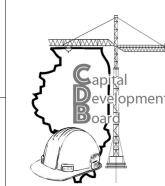
NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS PTWREMARKS DATE CHECKED PTW

SPRINGFIELD, IL 62703

CURRENT DATE: 04/12/2021 | ARCHITECT OF RECORD: ARCHITECHNICS 510 MAINE STREET, 10TH FLOOR QUINCY, IL 62301 CONSULTING ENGINEER: FUHRMANN ENGINEERING 2852 SOUTH 11TH STREET

CONSULTING ARCHITECT: EVANS CONSULTING SERVICES 10891 CONESTOGA DRIVE GLENARM, IL 62536



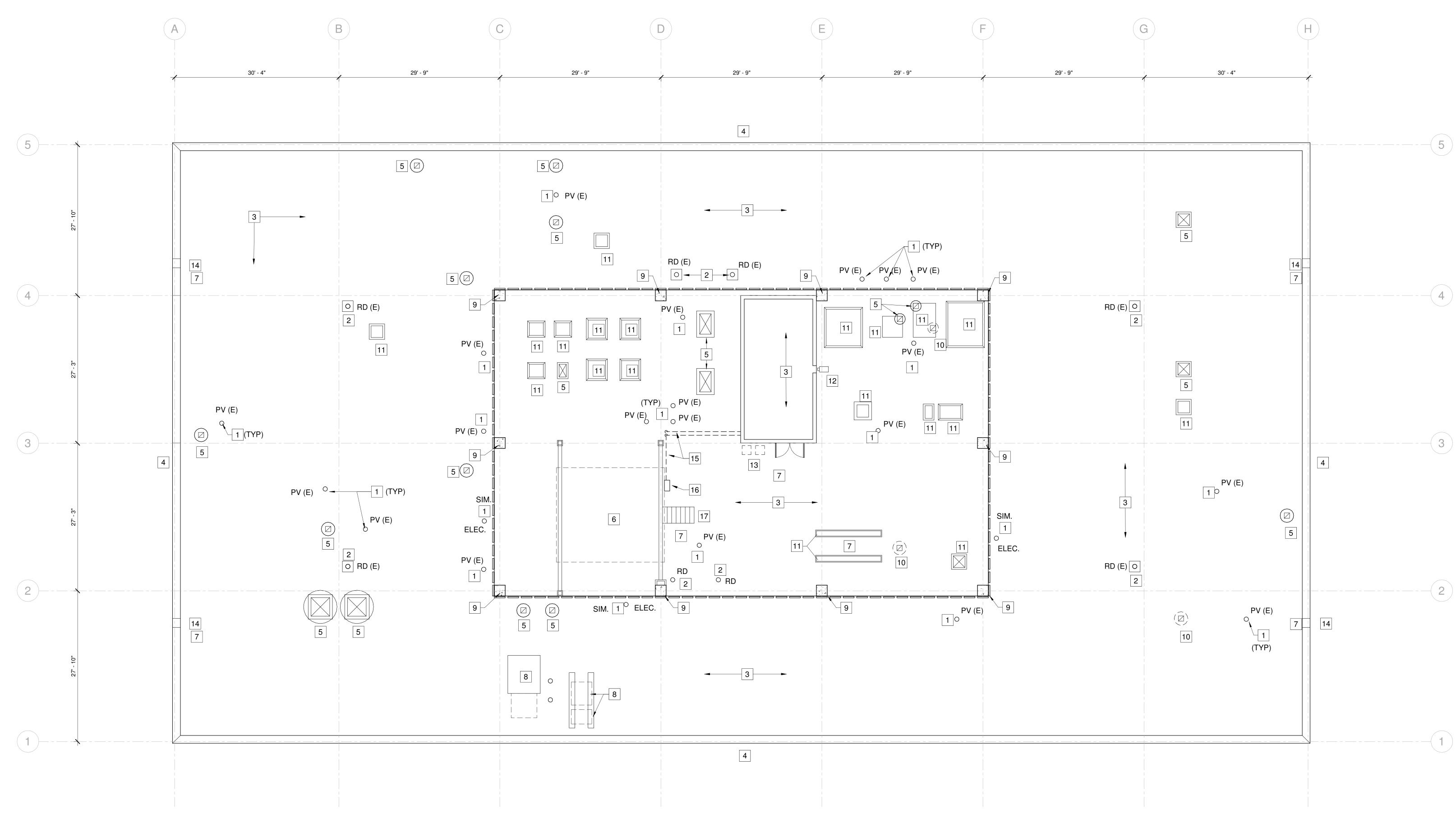


COVER SHEET

REPAIR AND REPLACE ROOFS - PHASE II ILLINOIS BOARD OF HIGHER EDUCATION WESTERN ILLINOIS UNIVERSITY MACOMB, McDONOUGH COUNTY

818-010-103 04/12/21

G001 OF () SHEETS



KEYED DEMOLITION NOTES - KNOBLAUCH HALL

EXISTING PLUMBING VENT TO REMAIN.

EXISTING ROOF DRAIN TO REMAIN. EXISTING MEMBRANE ROOF AND INSULATION TO BE REMOVED DOWN TO EXISTING CONCRETE ROOF DECK.

EXISTING STONE BALLAST TO BE REMOVED AND STOCKPILED AT THE LOCATION INDICATED ON DRAWING G001.

EXISTING METAL EDGE COPING TO BE REMOVED

EXISTING EXHAUST FAN TO BE REMOVED AND REINSTALLED. MODIFY EXISTING CURB AS REQUIRED, SEE DETAIL 5/A501 FOR FLASHING AT EXISTING CURB.

EXISTING COOLING TOWER TO REMAIN. PROTECT EXISTING TOWER SUPPORTS, PIPING AND ELECTRICAL CONNECTIONS DURING EXISTING ROOFING REMOVAL. MODIFY EXISTING CURB AS REQUIRED, SEE DRAWING A101

EXISTING LOOSE WALK PADS AND OTHER MISCELLANEOUS ITEMS IN THIS AREA TO BE REMOVED.

EXISTING ROOFTOP UNIT TO REMAIN. MODIFY EXISTING CURB AS REQUIRED, SEE DRAWING A101 CONCRETE PANEL FENCE TO REMAIN. MODIFY EXISTING FENCE BASES AS REQUIRED, SEE DRAWING A101

EXISTING EXHAUST FAN TO BE REMOVED, SEE DRAWING A101

EXISTING RAISED CURB TO REMAIN.

EXISTING COLLECTION BOX AND DOWNSPOUT TO BE REMOVED, EXISTING SPLASH BLOCK TO BE REMOVED AND REINSTALLED AS REQUIRED, SEE DWG. A101.

EXISTING SATELLITE DISHES, BASES, WIRING, ETC. TO BE REMOVED

EXISTING ROOF OVERFLOW SCUPPER TO REMAIN, SEE DRAWING A101

EXISTING ELECTRICAL SERVICE AND CONDUIT TO REMAIN, MODIFY AS REQUIRED FOR INSTALLATION OF NEW ROOF,

SEE DRAWING A101

EXISTING ELECTRICAL CABINET TO REMAIN, SEE DRAWING A101

EXISTING WOOD ACCESS STAIR TO REMAIN - MODIFY AND REINSTALL AS REQUIRED, SEE DRAWING A101

SCOPE OF DEMOLITION WORK

DEMOLITION AND REMOVAL OF ORIGINAL ROOF MEMBRANE, ROOF BALLAST, ROOF DECK INSULATION, AND ANY EXISTING UNDERLAYMENT IN-PLACE.

2. THE PHASE OF SELECTIVE DEMOLITION SHALL BE CLOSELY COORDINATED WITH REQUIRED ASBESTOS ABATEMENT ACTIVITIES, SEE SPECIFICATION SECTION 02 26 25.

3. PROVIDE PROTECTION OF CERTAIN ROOF MOUNTED ITEMS THAT ARE TO REMAIN IN PLACE, IE., EXISTING ROOF HATCHES, MECHANICAL EQUIPMENT, ITEMS MOUNTED TO THE EXISTING BUILDING, CERTAIN GAS VENT PIPES, ETC.

4. CERTAIN ITEMS TO BE REMOVED, REUSED AND REINSTALLED, IE., ROOF LADDERS, PLUMBING VENTS, PLUMBING PIPING, EXHAUST FANS, EXHAUST HOODS, AIR-INTAKE HOODS, RELATED DUCT WORK, MECHANICAL DEVICES, AND ELECTRICAL POWER DEVICES, AS NOTED ON THE PROJECT DRAWINGS. VERIFY WITH OWNER IF OTHER ITEMS TO BE DEMOLISHED AND REMOVED ARE TO BE SALVAGED AND / OR REUSED.

DEMOLITION ACTIVITIES SHALL BE PERFORMED TO MAINTAIN CONTINUOUS OPERATIONS OF THE EXISTING FACILITY. MINIMAL SHUT-DOWN TIME FOR EQUIPMENT IS REQUIRED.

6. DEMOLITION OF THE EXISTING ROOF SYSTEM NOT PROCEED UNTIL ALL TEMPORARY ROOFING AND TIE INS ARE IN PLACE. THE QUANTITY OF ROOFING DEMOLITION TO BE COORDINATED BY THE ROOFING CONTRACTOR. DO NOT EXPOSE THE EXISTING CONCRETE DECKING FOR MORE THAN ONE WORK DAY.

MACOMB, McDONOUGH COUNTY

NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

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ARCHITECHNICS

CONSULTING ENGINEER:

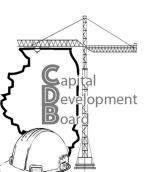
FUHRMANN ENGINEERING

2852 SOUTH 11TH STREET

SPRINGFIELD, IL 62703

510 MAINE STREET, 10TH FLOOR QUINCY, IL 62301

CONSULTING ARCHITECT: EVANS CONSULTING SERVICES 10891 CONESTOGA DRIVE GLENARM, IL 62536



State of Illinois

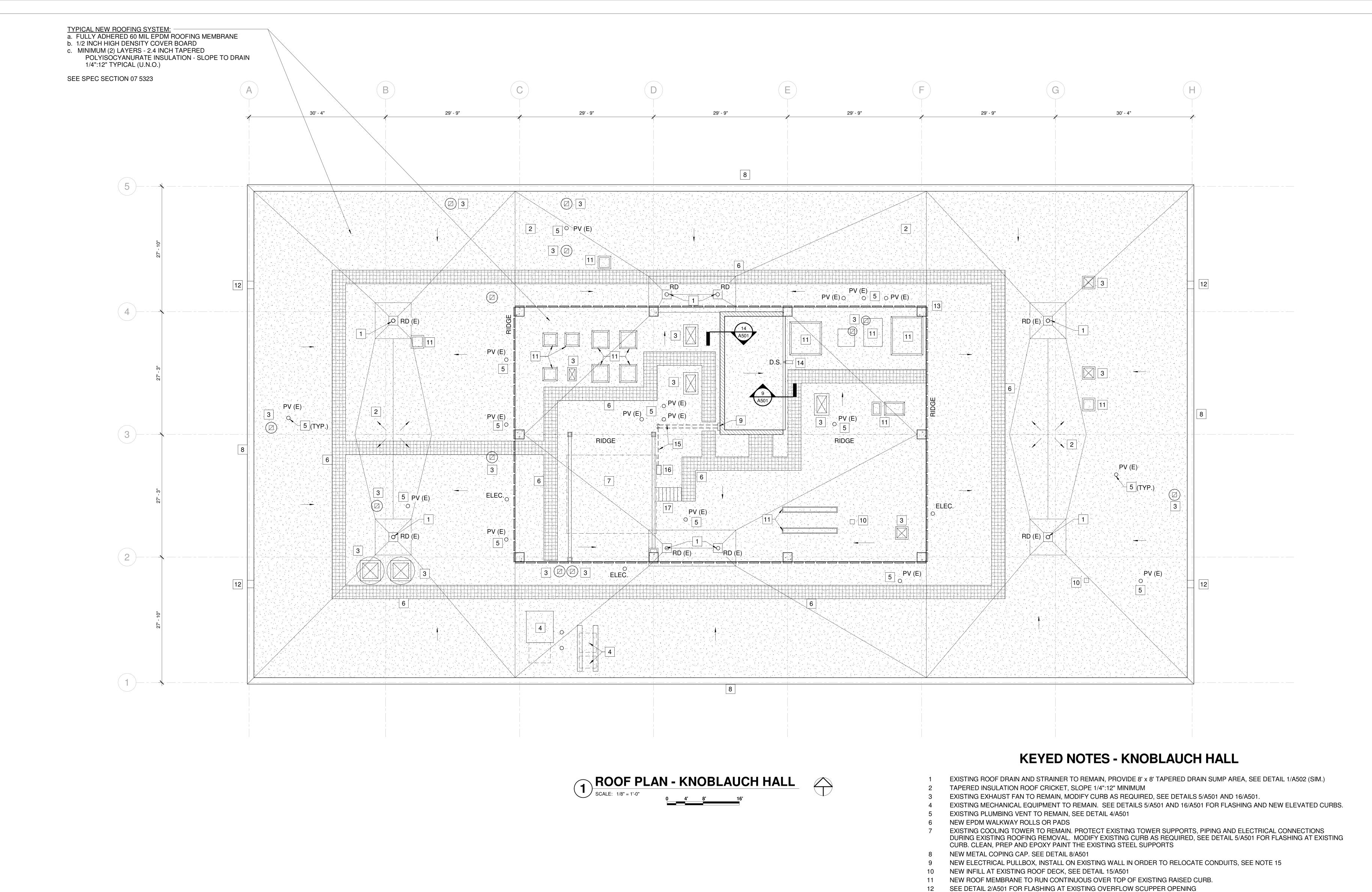
ROOF DEMOLITION PLAN - KNOBLAUCH HALL REPAIR AND REPLACE ROOFS - PHASE II ILLINOIS BOARD OF HIGHER EDUCATION WESTERN ILLINOIS UNIVERSITY

818-010-103 04/12/21 SHEET NO. D101

OF () SHEETS

ISSUED FOR BIDDING

PREPARED | CURRENT DATE: 04/12/2021



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

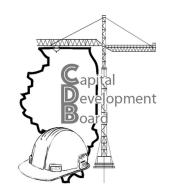
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CURRENT DATE: 04/12/2021 | ARCHITECT OF RECORD: ARCHITECHNICS 510 MAINE STREET, 10TH FLOOR QUINCY, IL 62301 CONSULTING ENGINEER: FUHRMANN ENGINEERING

2852 SOUTH 11TH STREET

SPRINGFIELD, IL 62703

CONSULTING ARCHITECT: EVANS CONSULTING SERVICES 10891 CONESTOGA DRIVE GLENARM, IL 62536



State of Illinois JB PRITZKER, GOVERNOR Illinois Capital Development Board ROOF PLAN - KNOBLAUCH HALL

RELOCATE/REINSTALL EXISTING ELECTRICAL SERVICE AND CONDUIT AS REQUIRED FOR INSTALLATION OF NEW ROOF

EXISTING ELECTRICAL CABINET TO REMAIN - MODIFY EXISTING CONDUITS, CIRCUTS, ETC. AS REQUIRED AND RELOCATE

17 EXISTING WOOD ACCESS STAIR, REWORK AND REINSTALL AS REQUIRED TO ACCOMMODATE NEW ROOF ELEVATION

SYSTEM, COORDINATE WITH USING AGENCY FOR INTERRUPTION TO SERVICE. PROVIDE CONDUIT SUPPORTS AS REQUIRED.

SEE DETAIL 3/A501 (SIM.) FOR ROOF FLASHING AT EXISTING CONCRETE COLUMN

DISCONNECT / CONTROL PANEL CLEAR OF NEW ROOF CONSTRUCTION.

NEW LOCATION FOR EXISTING SPLASHBLOCK

REPAIR AND REPLACE ROOFS - PHASE II ILLINOIS BOARD OF HIGHER EDUCATION WESTERN ILLINOIS UNIVERSITY MACOMB, McDONOUGH COUNTY

A101

PROJECT NO. 818-010-103 04/12/21

ISSUED FOR BIDDING



MALPASS LIBRARY
NORTH ELEVATION
SCALE: 1/8" = 1'-0"

16'

KEYED DRAWING NOTES

- 1 AREA OF EXISTING BRICK VENEER TO BE COMPLETELY TUCKPOINTED, SEE SPEC. 04 01 20.64 (APPROXIMATELY 600 S.F. THIS FACADE)
- 2 AREA OF EXISTING BRICK VENEER TO BE PARTIALLY TUCKPOINTED, SEE SPEC. 04 01 20.64 (APPROXIMATELY 1200 S.F. THIS FACADE)

NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS

NO. DATE REMARKS

TRACED

APPROVED

CHECKED

PTW

CURRENT DATE: 04/12/2021

PAUL MEST BLOOM

PAUL MEST BLOOM

LICENSE EXP.: 11/30/2022

ARCHITECT OF RECORD:

ARCHITECHNICS, INC.

510 MAINE STREET, 10TH FLOOR
QUINCY, IL 62301

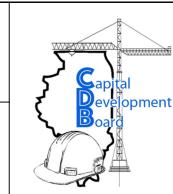
CONSULTING ENGINEER:

FUHRMANN ENGINEERING

SPRINGFIELD, IL 62703

2852 SOUTH 11TH STREET

consulting Architect:
EVANS CONSULTING SERVICES
10891 CONESTOGA DRIVE
GLENARM, IL 62536



State of Illinois JB PRITZKER, GOVERNOR Illinois Capital Development Board

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NORTH ELEVATION - MALPASS LIBRARY

REPAIR AND REPLACE ROOFS - PHASE II

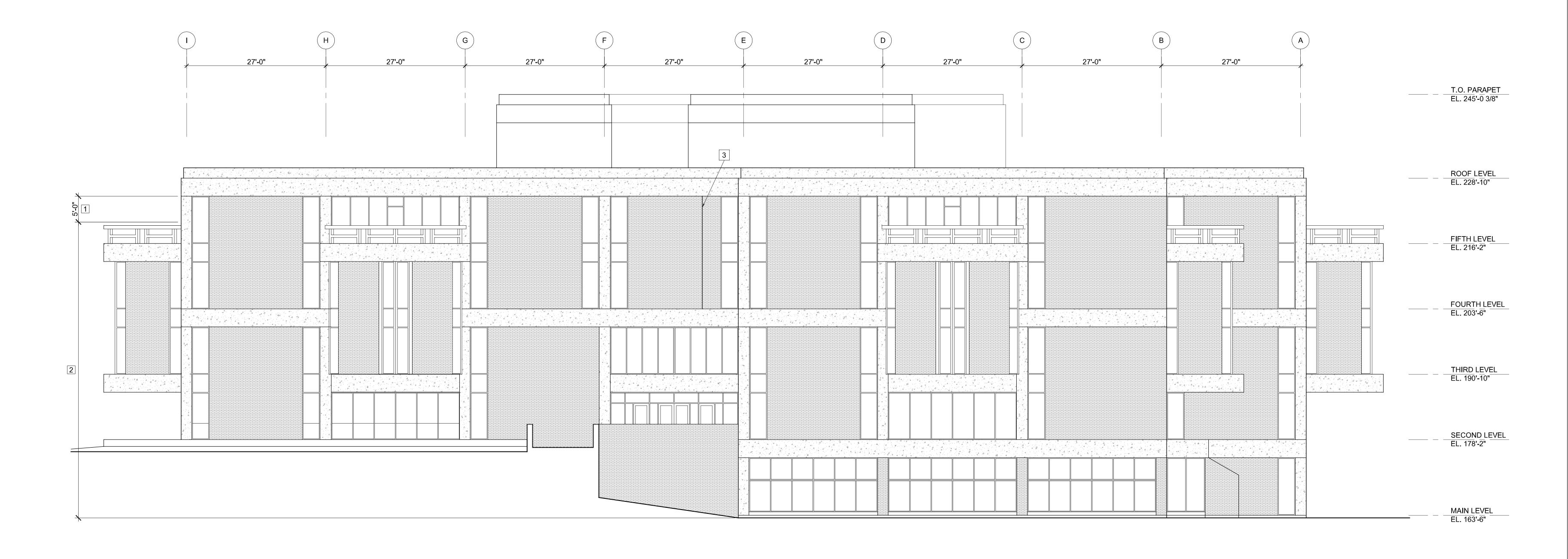
PROJECT NO.
818-010-103

DATE
04/12/21

REPAIR AND REPLACE ROOFS - PHASE II ILLINOIS BOARD OF HIGHER EDUCATION WESTERN ILLINOIS UNIVERSITY MACOMB, McDONOUGH COUNTY

A201

OF (13) SHEETS





KEYED DRAWING NOTES

- 1 AREA OF EXISTING BRICK VENEER TO BE COMPLETELY TUCKPOINTED, SEE SPEC. 04 01 20.64 (APPROXIMATELY 580 S.F. THIS FACADE)
- 2 AREA OF EXISTING BRICK VENEER TO BE PARTIALLY TUCKPOINTED, SEE SPEC. 04 01 20.64 (APPROXIMATELY 1050 S.F. THIS FACADE)
- 3 EXISTING WALL CRACK TO BE REPAIRED (APPROX. 22' LONG) REMOVE AND REPLACE EXISTING BRICK VENEER AS REQUIRED

NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

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CURRENT DATE: 04/12/2021

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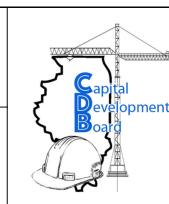
510 MAINE STREET, 10TH FLOOR

QUINCY, IL 62301

QUINCY, IL 62301

CONSULTING ENGINEER:
FUHRMANN ENGINEERING
2852 SOUTH 11TH STREET
SPRINGFIELD, IL 62703

consulting architect:
EVANS CONSULTING SERVICES
10891 CONESTOGA DRIVE
GLENARM, IL 62536



State of Illinois

JB PRITZKER, GOVERNOR

Illinois Capital Development Board

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EAST ELEVATION - MALPASS LIBRARY

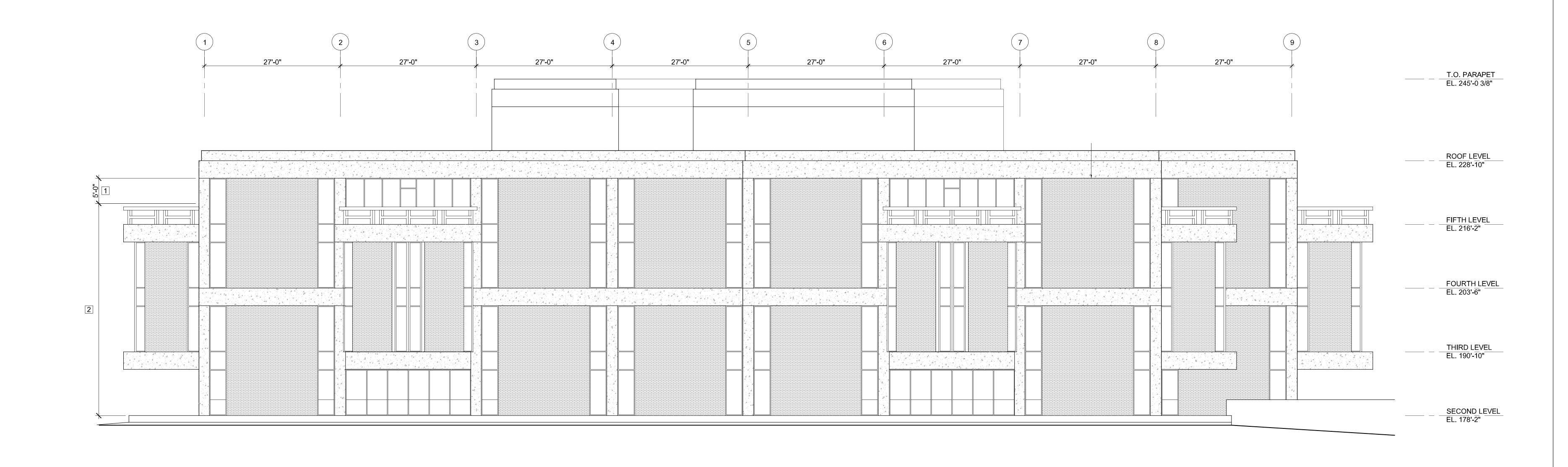
REPAIR AND REPLACE ROOFS - PHASE II

DATE 04/12/21

REPAIR AND REPLACE ROOFS - PHASE II
ILLINOIS BOARD OF HIGHER EDUCATION
WESTERN ILLINOIS UNIVERSITY
MACOMB, McDONOUGH COUNTY

04/12/21
SHEET NO.
A202

OF (13) SHEETS



MALPASS LIBRARY SOUTH ELEVATION 0 4' 8' 16' SCALE: 1/8" = 1'-0"

KEYED DRAWING NOTES

- AREA OF EXISTING BRICK VENEER TO BE COMPLETELY TUCKPOINTED, SEE SPEC. 04 01 20.64 (APPROXIMATELY 540 S.F. THIS FACADE)
- AREA OF EXISTING BRICK VENEER TO BE PARTIALLY TUCKPOINTED, SEE SPEC. 04 01 20.64 (APPROXIMATELY 1020 S.F. THIS FACADE

NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

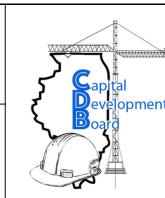
REVISIONS NO. DATE REMARKS TRACED CHECKED

CURRENT DATE: 04/12/2021 ARCHITECT OF RECORD: ARCHITECHNICS, INC. 510 MAINE STREET, 10TH FLOOR QUINCY, IL 62301 CONSULTING ENGINEER:

FUHRMANN ENGINEERING 2852 SOUTH 11TH STREET

SPRINGFIELD, IL 62703

CONSULTING ARCHITECT: EVANS CONSULTING SERVICES 10891 CONESTOGA DRIVE GLENARM, IL 62536



State of Illinois JB PRITZKER, GOVERNOR Illinois Capital Development Board

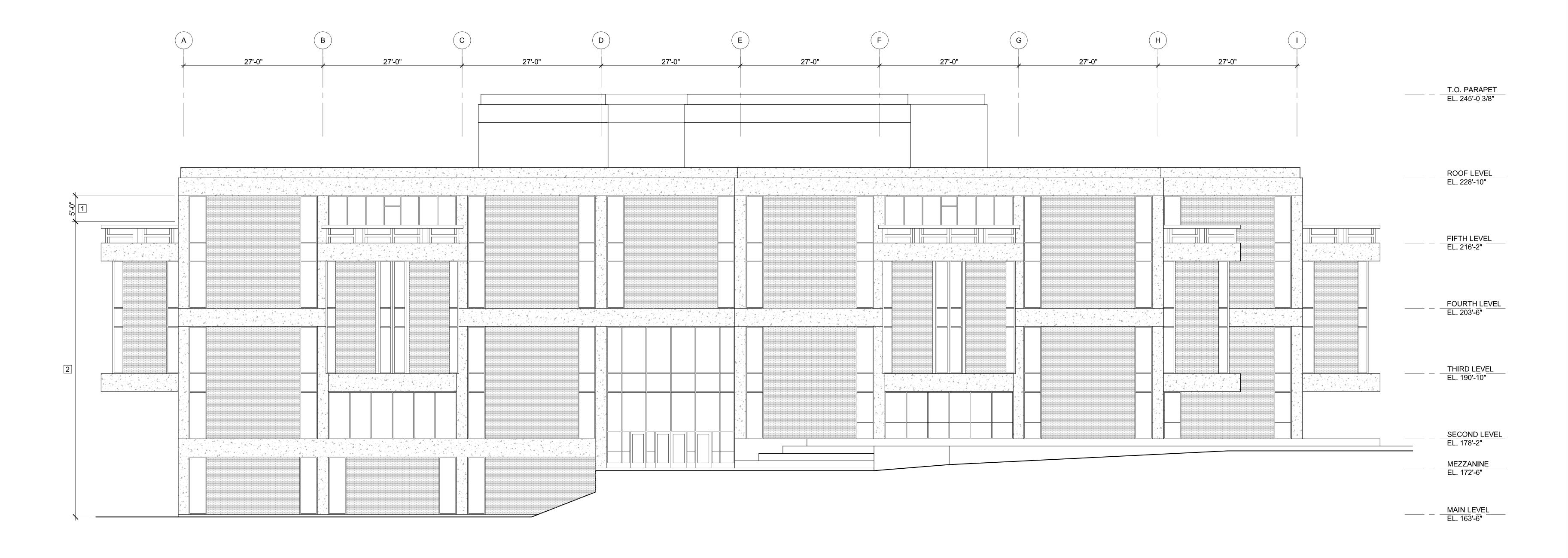
ISSUED FOR BIDDING SOUTH ELEVATION - MALPASS LIBRARY 818-010-103

REPAIR AND REPLACE ROOFS - PHASE II ILLINOIS BOARD OF HIGHER EDUCATION WESTERN ILLINOIS UNIVERSITY MACOMB, McDONOUGH COUNTY

A203 OF (13) SHEETS

04/12/21

MAIN LEVEL EL. 163'-6"



MALPASS LIBRARY WEST ELEVATION 0 4' 8' 16' SCALE: 1/8" = 1'-0"

KEYED DRAWING NOTES

- 1 AREA OF EXISTING BRICK VENEER TO BE COMPLETELY TUCKPOINTED, SEE SPEC. 04 01 20.64 (APPROXIMATELY 550 S.F. THIS FACADE)
 - AREA OF EXISTING BRICK VENEER TO BE PARTIALLY TUCKPOINTED, SEE SPEC. 04 01 20.64 (APPROXIMATELY 1080 S.F. THIS FACADE

NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

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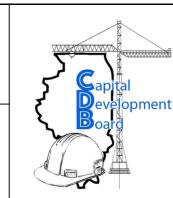
CURRENT DATE: 04/12/2021 ARCHITECT OF RECORD: ARCHITECHNICS, INC. 510 MAINE STREET, 10TH FLOOR QUINCY, IL 62301 CONSULTING ENGINEER:

FUHRMANN ENGINEERING

SPRINGFIELD, IL 62703

2852 SOUTH 11TH STREET

CONSULTING ARCHITECT: EVANS CONSULTING SERVICES 10891 CONESTOGA DRIVE GLENARM, IL 62536

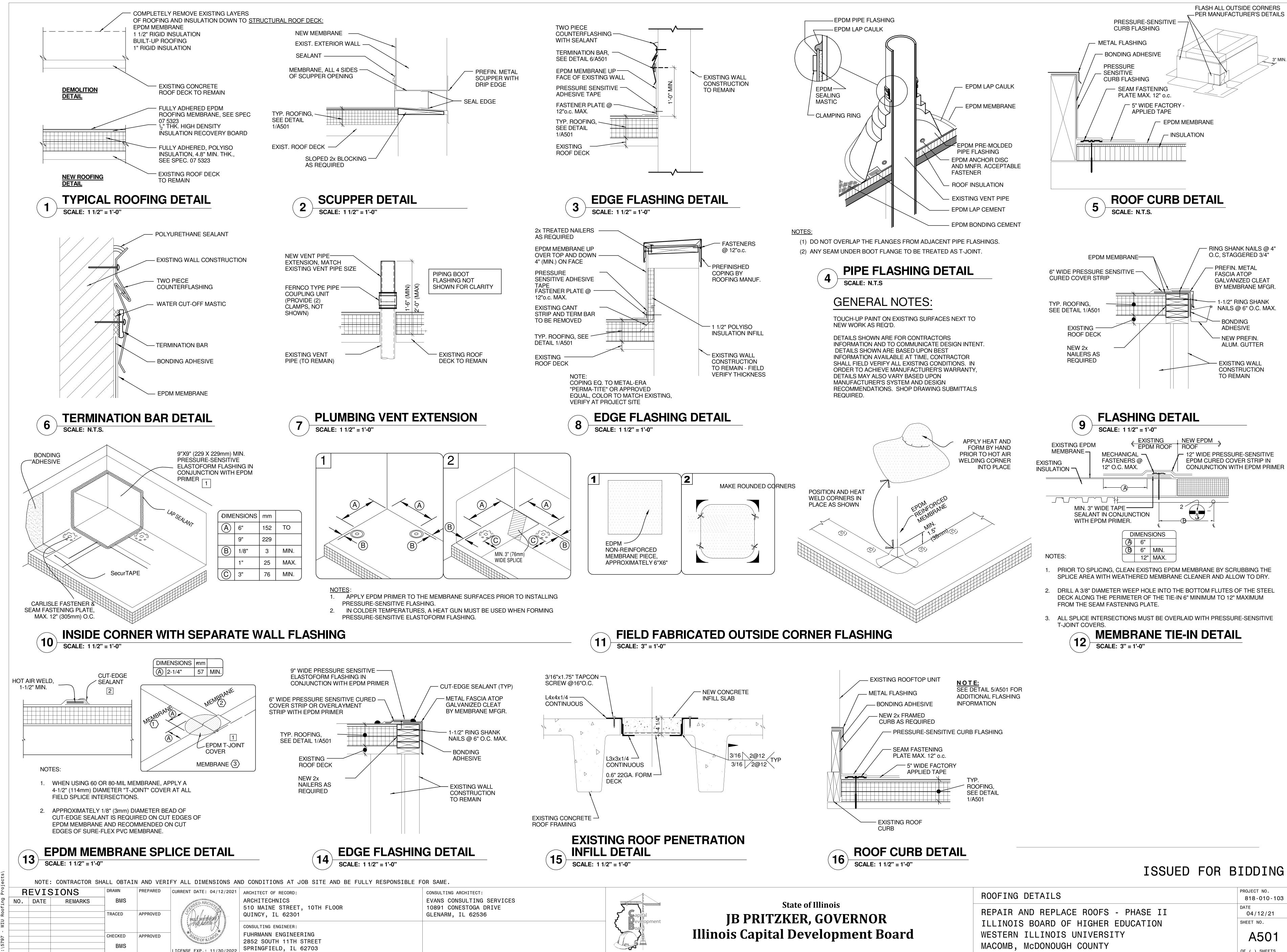


State of Illinois JB PRITZKER, GOVERNOR Illinois Capital Development Board

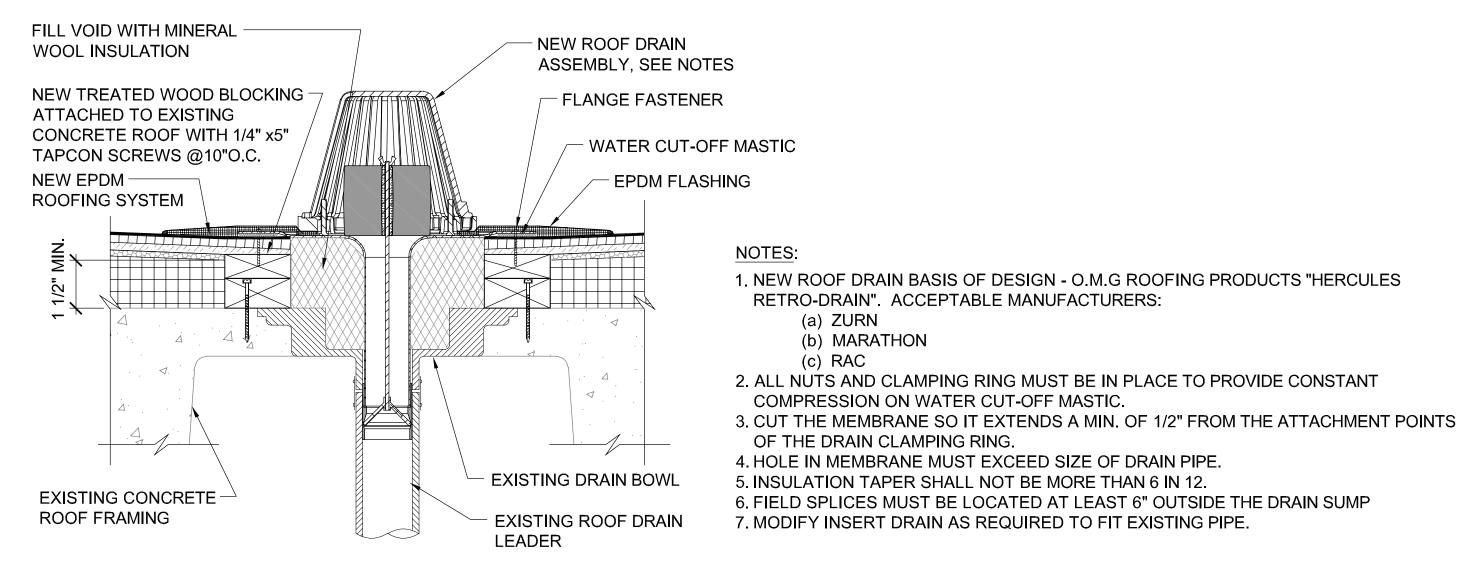
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REPAIR AND REPLACE ROOFS - PHASE II ILLINOIS BOARD OF HIGHER EDUCATION WESTERN ILLINOIS UNIVERSITY MACOMB, McDONOUGH COUNTY

A204 OF (13) SHEETS



OF () SHEETS



ROOF DRAIN DETAIL

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

NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

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PAUL WEST BOR ILLING

CURRENT DATE: 04/12/2021

ARCHITECT OF RECORD:

ARCHITECT OF RECORD:

510 MAINE STREET, 10TH FLOOR

QUINCY, IL 62301

CONSULTING ENGINEER:
FUHRMANN ENGINEERING
2852 SOUTH 11TH STREET
SPRINGFIELD, IL 62703

consulting architect:
EVANS CONSULTING SERVICES
10891 CONESTOGA DRIVE
GLENARM, IL 62536



State of Illinois JB PRITZKER, GOVERNOR Illinois Capital Development Board

ROOF DETAILS

REPAIR AND REPLACE ROOFS - PHASE II
ILLINOIS BOARD OF HIGHER EDUCATION
WESTERN ILLINOIS UNIVERSITY
MACOMB, McDONOUGH COUNTY

DATE 04/12/21
SHEET NO.

A502

OF (13) SHEETS

ISSUED FOR BIDDING