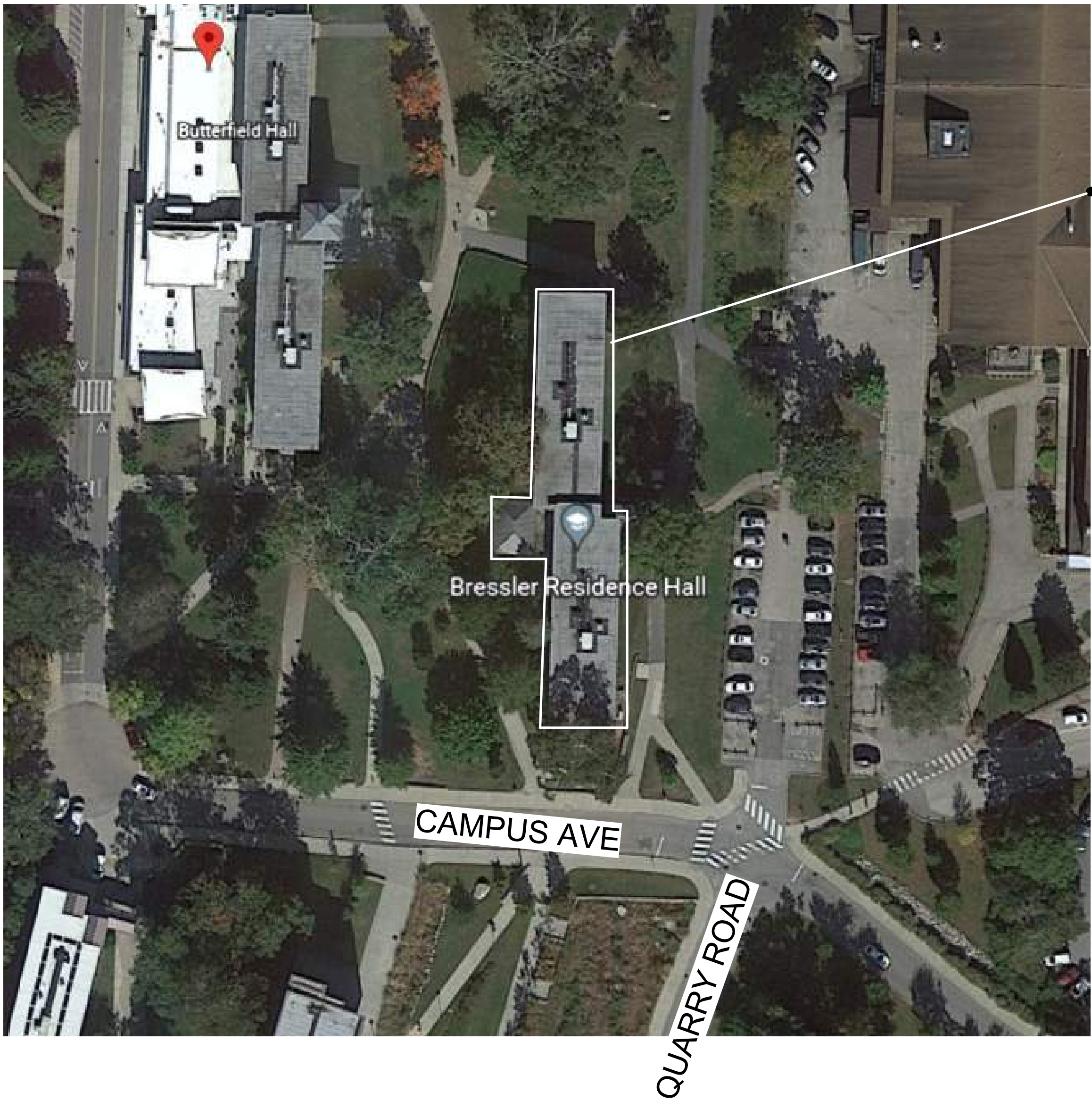


# HRL BRESSLER RESIDENCE HALL ROOF REPLACEMENT

141 CAMPUS AVE  
KINGSTON, RI 02881  
KC.R.BRES.2022.001



PROJECT  
LOCATION

DRAWING LIST	
GENERAL	
G0.0	COVER SHEET
ARCHITECTURAL	
A0.10	GENERAL INFORMATION
A1.02	ROOF DEMOLITION PLAN
A2.03	ROOF PLAN
A3.10	ROOF DETAILS
A3.11	ROOF DETAILS
A3.12	STANDING SEAM METAL ROOF DETAILS

THE  
UNIVERSITY  
OF RHODE ISLAND

THINK BIG  WE DO



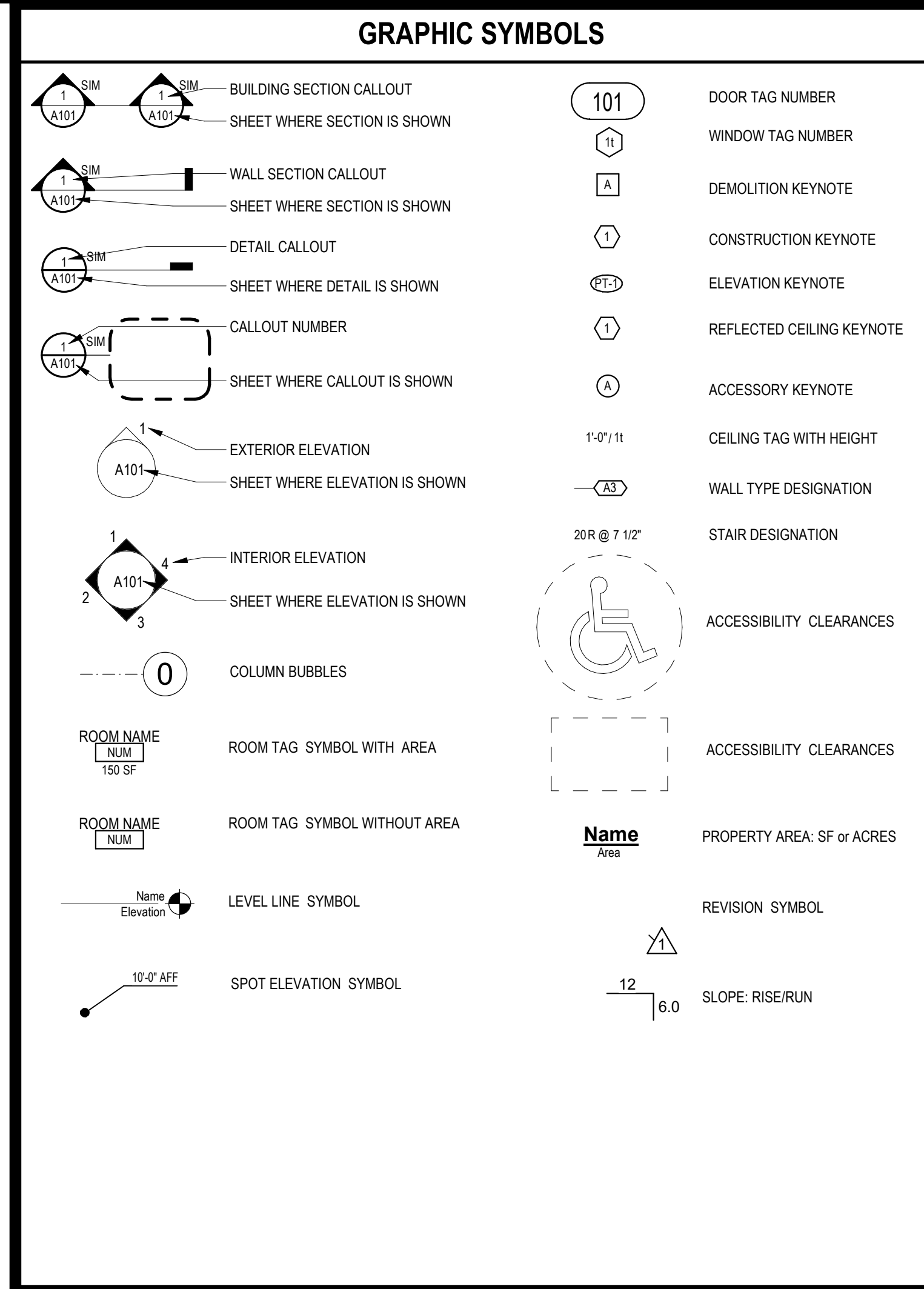
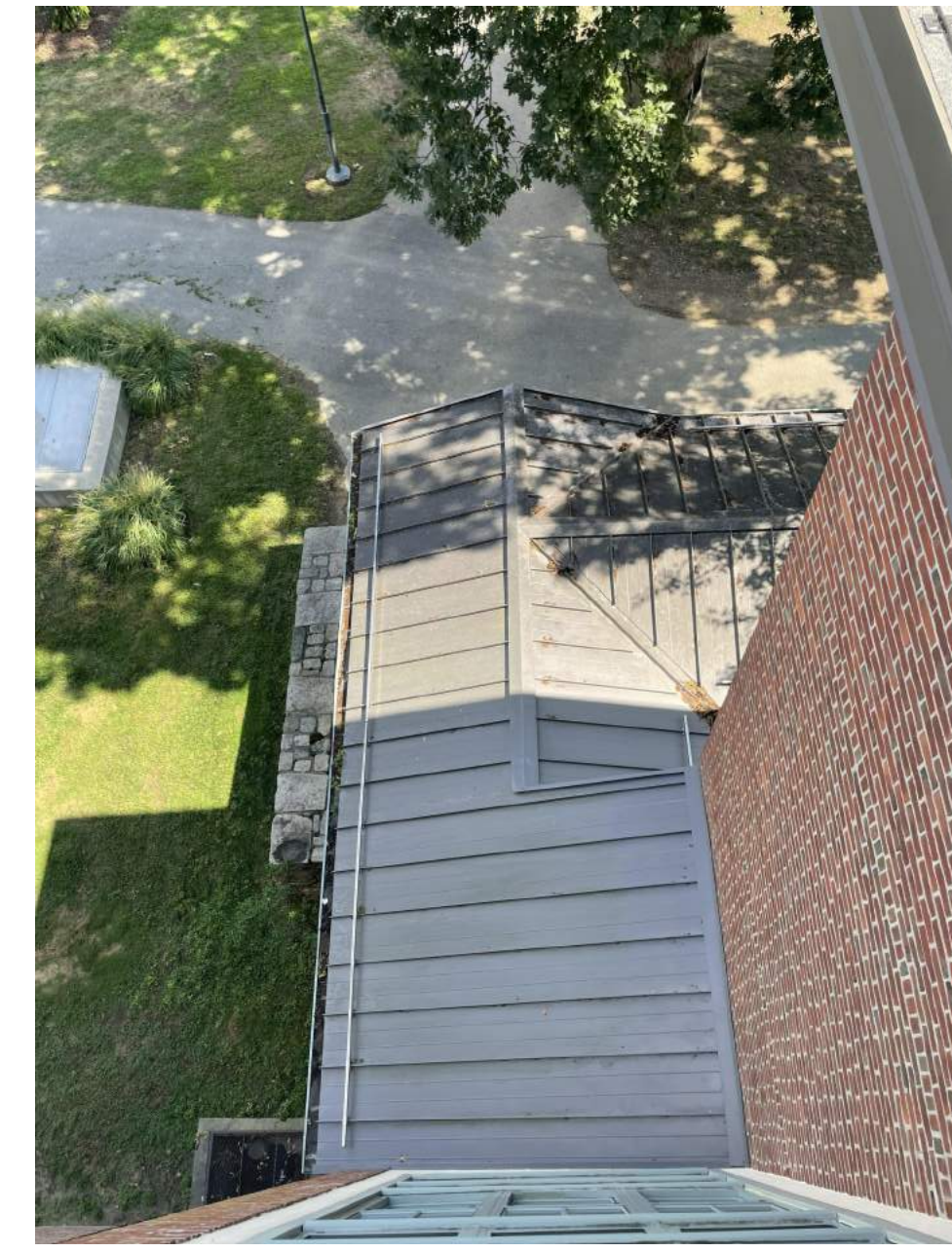
Tecton  
ARCHITECTS

TECTON  
ARCHITECTS  
17 RAILROAD AVENUE  
WESTERLY, RI 02891



ISSUED FOR CONSTRUCTION  
01/03/2023





## PROJECT SYNOPSIS

THE SCOPE OF THE WORK AT THE UNIVERSITY OF RHODE ISLAND BRESSLER HALL FOUR STORY DORMITORY IS SUMMARIZED AS FOLLOWS:

1. REMOVE AND REPLACE UP TO .5250 QUANTITY PER SQUARE FOOT OF BITUMINOUS LOW SLOPE ROOFING SYSTEM FOR THE ENTIRE BUILDING. REMOVE AND REPLACE UP TO .1306 SQUARE FOOT OF STANDING SEAM METAL ROOFING SYSTEM FOR THE ENTIRE BUILDING.
2. BITUMINOUS LOW SLOPE ROOFING SYSTEM: PROVIDE NEW CONSTRUCTION CONSISTING OF A NEW FULLY ADHERED MULTIPLE LAYER MODIFIED BITUMEN ROOFING SYSTEM WITH A MINIMUM OF THREE LAYERS AND A MINIMUM OF 1/8" THICKNESS (WITH 10 YEAR WARRANTY). COVER OVER BOARD, NEW RIGID INSULATION (R-30 MINIMUM), VAPOR BARRIER AND REINSTALLATION OF LIGHTNING PROTECTION SYSTEM. PROVIDE PROTECTION WITHIN THE AREA OF THE ROOF CUTOUTS TO REMAIN. PROVIDE PROTECTION WITHIN THE AREA OF THE ROOF EXTENSION SYSTEM DRAIN BOARDS. ALL OTHER MECHANICAL EQUIPMENT ARE TO BE SALVAGED AND RE-INSTALLED. RTU TO REMAIN IN PLACE. FALL PROTECTION IS TO BE INSTALLED AT ROOF TOP EQUIPMENT WITHIN TEN FEET OF A ROOF EDGE. ROOF ACCESS HATCH IS TO BE REMOVED AND RE-INSTALLED.
3. STANDING SEAM METAL ROOFING SYSTEM: PROVIDE NEW CONSTRUCTION CONSISTING OF A NEW METAL ROOFING SYSTEM WITH SNOW GUARDS, GUTTERS AND LEADERS, REFER TO SPECIFICATIONS FOR WARRANTY. REINSTALLATION OF LIGHTNING PROTECTION SYSTEM.

## BUILDING CODES

ALL CONSTRUCTION SHALL CONFORM WITH THE FOLLOWING CODES

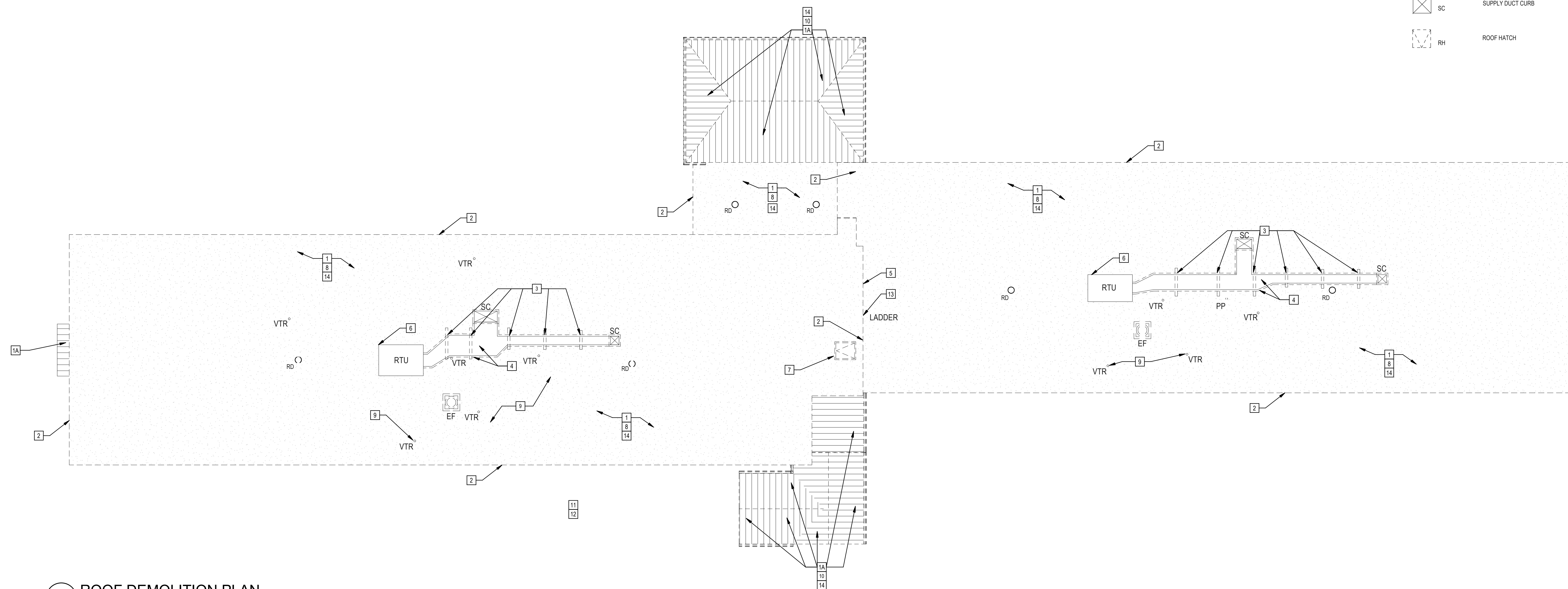
2019 RHODE ISLAND STATE FIRE SAFETY CODE

1. RHODE ISLAND LIFE SAFETY CODE (NFPA 101 - 2018 EDITION) OF THE RHODE ISLAND FIRE SAFETY CODE  
2. R.I.G.L. chapters 23-28.1

2021 RHODE ISLAND STATE BUILDING CODE

- 1. SBC-1 INTERNATIONAL BUILDING CODE/2018 (IBC)
- 2. SBC-3 INTERNATIONAL PLUMBING CODE/2018 (IPC)
- 3. SBC-4 INTERNATIONAL MECHANICAL CODE/2018 (IMC)
- 4. SBC-5 NATIONAL ELECTRICAL CODE/2020, NFPA 70/2018 (NEC)
- 5. SBC-8 INTERNATIONAL ENERGY CONSERVATION CODE/2018 (IECC)
- 6. ICC/ANSI A117.1/2009 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES (ANSI)








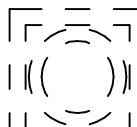




## KEYNOTES - DEMOLITION

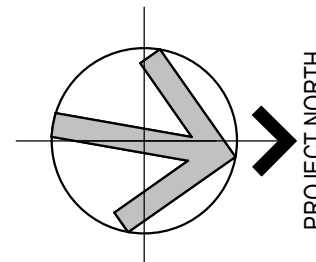
1	REMOVE ROOF SYSTEM IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO ROOF MEMBRANE, INSULATION, FIBERBOARD, DRAIN BODIES, AND MEMBRANE FLASHING DOWN TO CONCRETE ROOF DECK.
1A	REMOVE ALL COMPONENTS OF STANDING SEAM METAL ROOF SYSTEM IN ITS ENTIRETY, INCLUDING ICE AND WATER BARRIER DOWN TO PLYWOOD DECK.
2	REMOVE ALUMINUM COPING / ROOF EDGE, INCLUDING BUT NOT LIMITED TO WOOD BLOCKING, WOOD FASCHA, METAL Drip EDGE, MEMBRANE FLASHING, TYP.
3	REMOVE SHEET METAL AND FLASHING FROM SLEEPERS SUPPORTING DUCT WORK AND MECHANICAL EQUIPMENT. EXISTING BLOCKING TO REMAIN.
4	REMOVE EXISTING EXTERIOR DUCT/WRAP AND INSULATION AROUND DUCTWORK FROM RTU TO VERTICAL DUCTWORK LOCATIONS. EXISTING DUCTWORK TO REMAIN.
5	REMOVE WALL FLASHING INCLUDING BUT NOT LIMITED TO MEMBRANE FLASHING, TERMINATION BARS AND SEALANT
6	REMOVE SHEET METAL AND FLASHING FROM SLEEPERS SUPPORTING MECHANICAL EQUIPMENT. EXISTING BLOCKING AND RTU TO REMAIN.
7	REMOVE ROOF HATCH AND WOOD BLOCKING.
8	REMOVE ANY LOOSE/ DETERIORATED OR SPALLED CONCRETE DECK. PREP FOR PATCHING TYP.
9	REMOVE PIPE FLASHING AND VENT STACK IN ITS ENTIRETY. EXISTING CAST IRON HUB BELOW CONCRETE DECK TO REMAIN. VERIFY CONDITIONS MATCH DETAIL C7/A3.10. REPORT ANY DISCREPANCIES TO ARCHITECT AND OWNER, CIRCULAR.
10	REMOVE GUTTERS AND DOWNSPOUTS
11	NOT USED
12	NOT USED
13	REMOVE LADDER
14	REMOVE LIGHTNING GROUNDING EQUIPMENT. SALVAGE FOR REINSTALLATION AND RECERTIFICATION

### GENERAL NOTES - DEMOLITION

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL NECESSARY TO COMPLETE THE WORK. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE REMOVAL OF ALL MATERIALS, INCLUDING BUT NOT LIMITED TO, CARRYING AND DUMPING, OF ALL MATERIAL DEMOLISHED FROM THE PROJECT. THE CONTRACTOR SHALL PROVIDE OWNER WITH FIRST RIGHTS TO ALL MATERIALS, INCLUDING DEBRIS, HARDWARE, ETC., BEFORE REMOVING FROM SITE.
2. ALL ROOF-CEILING EQUIPMENT SHOWN DASHED TO BE REMOVED. SALVAGE AND STORAGE ARE THE CONTRACTOR'S RESPONSIBILITY. SEE PROPOSED PLANS AND VERIFY WITH OWNER FOR ANY LAST MINUTE CHANGES.
3. PROVIDED ROOF PLAN DIMENSIONS ARE 4'-0" DIMENSIONS FOR REFERENCE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY EXISTING FIELD DIMENSIONS.
4. THE CONTRACTOR SHALL MAINTAIN A WATER TIGHT ENVIRONMENT AT THE ROOF DURING THE COURSE OF CONSTRUCTION.
5. THE CONTRACTOR SHALL MAINTAIN THE MEANS OF EGRESS AND FIRE PROTECTION SYSTEMS FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL NOT CLOSELY CONDUCT ANY WORK THAT WOULD OBSTRUCT OR INTERFERE WITH THE PERMIT FROM THE AUTHORITIES HAVING JURISDICTION. THE MEANS OF EGRESS SHALL BE KEPT FREE OF OBSTRUCTION, SAFE, AND USABLE AS DETERMINED BY THE GOVERNING AUTHORITIES.
6. WHEN WALLS, COLUMNS, ROOF CONSTRUCTION, OR OTHER SUPPORTING AND BRACING MEMBERS ARE UNDER CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE STAYS AND BRACING FOR THE ADJACENT CONSTRUCTION SHALL BE PROVIDED AND MAINTAINED UNTIL THE PERMANENT SUPPORTING STRUCTURES ARE IN PLACE AND CAPABLE OF SUPPORTING THE ADJACENT STRUCTURES.
7. CONTRACTOR TO VERIFY JOINTS BETWEEN PLANS ARE FILLED AFTER DEMOLITION AND BEFORE NEW CONSTRUCTION. SHOULD ADDITIONAL WORK BE REQUIRED TO ROOF THE JOINTS, IT WILL BE CONSIDERED A CHANGE ORDER AGAINST THE RELATED ALLOWANCE.
8. IF IT IS NOT THE INTENT TO SHOW EVERY PIECE OR ITEM TO BE REMOVED IN DEMOLITION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF AN AREA SCHEDULED FOR DEMOLITION AND REMOVAL SHALL BE PERFORMED WHETHER SO NOTED OR NOT. PROTECT ALL ITEMS INTENDED FOR SALVAGE AND REUSE OR SCHEDULED TO REMAIN.
9. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT PRIOR TO COMMENCEMENT AND REQUEST CLARIFICATIONS OF ANY DISCREPANCIES, CONFLICTS OR OMISSIONS IN THE CONSTRUCTION DOCUMENTS AND BETWEEN CONSTRUCTION DOCUMENTS AND FIELD CONDITIONS. FOR THOSE DISCREPANCIES NOT BROUGHT TO THE ATTENTION OF THE ARCHITECT, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE THE MORE EXPENSIVE METHOD OF CONSTRUCTION WORK UNDERTAKEN PRIOR TO NOTIFICATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTRACTOR'S OWN RESPONSIBILITY.
10. CONTRACTOR SHALL MAINTAIN THE FUNCTION OF ALL VENTS AND DRAINAGE DURING CONSTRUCTION. WHERE EQUIPMENT OR OTHER IS REMOVED, LIGHTENING PROTECTION, ETC., THE CONTRACTOR SHALL COORDINATE WITH THE DIRECTOR OF FACILITIES AND PROVIDE A PROPOSED PLAN. A PLAN SHALL BE SUBMITTED TO THE OWNER AND APPROVED PRIOR TO ANY DEMOLITION AND/OR CONSTRUCTION WORK.

### DEMOLITION LEGEND

EXISTING ITEMS	ITEMS TO BE REMOVED AND SALVAGE FOR REINSTALLATION
 PP	PITCH POCKET - REMOVE AND PREP FOR INFILL
 RD	ROOF DRAIN
 VTR	VENT THROUGH ROOF
 EF	EXHAUST FAN ON CURB - REMOVE AND SALVAGE FOR REINSTALLATION
	ROOF LADDER
	ROOF TOP UNIT
 SC	SUPPLY DUCT CURB
 RH	ROOF HATCH



## Seals

**ISSUED FOR CONSTRUCTION**



Issues / Revisions

[illegible]

Drawing Title

# ROOF DEMOLITION PLAN

Project Manager:	MT	Project No:	URI66IN
Project Architect:	MT	Production Leader:	CB
Project Designer:	CB	Peer Reviewer:	RA

Drawing Number

## A1.02

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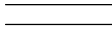

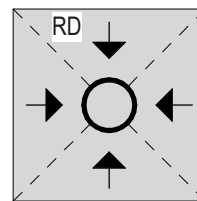


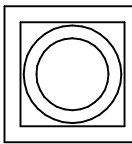

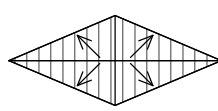




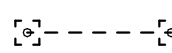






## KEYNOTES - CONSTRUCTION

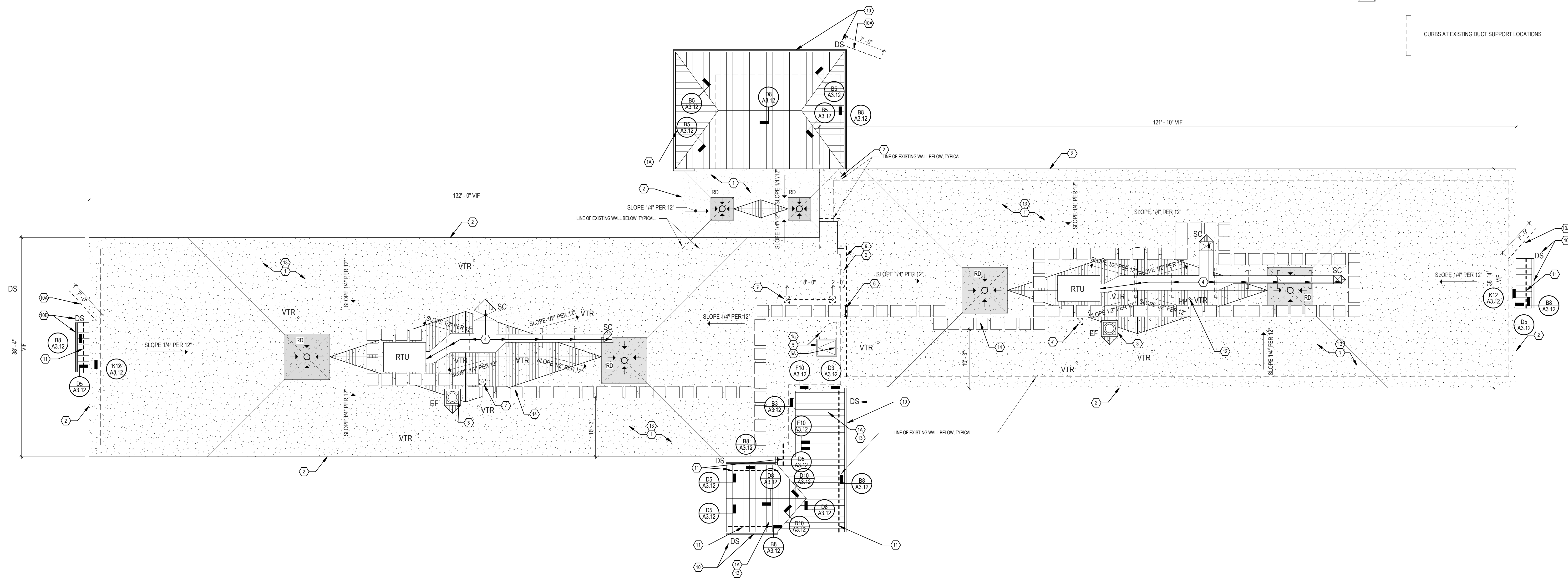
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### GENERAL NOTES - CONSTRUCTION

- ALL DIMENSIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND ANY DISCREPANCIES SHALL BE PROMPTLY REPORTED TO THE ARCHITECT.
- WHERE THE DRAWINGS AND SPECIFICATIONS CONFLICT THE MOST STRINGENT GREATEST QUALITY OR BEST QUALITY SHALL BE USED.
- PATCH, REPAIR, AND REFRESH ALL SURFACES EXPOSED BY DEMOLITION WORK OR CUTTING TO ALIGN WITH EXISTING SURFACES SCHEDULED TO REMAIN OR NEW FINISHES SPECIFIED. THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND REPAIR ALL WORK TO CONFORM TO THE CONTRACT REQUIREMENTS IN NEED OF PATCHING AND REPAIRING PRIOR TO INSTALLATION OF ROOFING SYSTEM.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING, REPAIRING AND/OR CAULKING OF ALL EXISTING AND NEW ROOF DECK PENETRATIONS.
- REUSE OF SALVAGED MATERIALS, NOT SPECIFICALLY SCHEDULED FOR REUSE, SHALL BE AT THE SOLE DISCRETION OF THE OWNER. MATERIALS WHICH DO NOT MEET MINIMUM REQUIREMENTS OF STATE AND LOCAL CODES AND REGULATIONS SHALL NOT BE REUSED. NO REUSE OF MATERIALS WHICH DO NOT MEET MINIMUM WILL ALLOW FOR A CERTIFIED AND WARRANTED FINISHED PRODUCT.

### CONSTRUCTION LEGEND

- |                                                                                       |                                                                                                          |                                                                                     |                                               |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|
|    | EXISTING ITEMS                                                                                           |  | NEW CONSTRUCTION                              |
|    | HATCH DENOTES AREAS NOT IN CONTRACT                                                                      |                                                                                     |                                               |
|    | ROOF DRAIN AND SUMP WITH SLOPE ARROWS.<br>TYPICAL SUMP SIZES, 8'X8' & 4'X4'<br>REFER TO DETAIL E10/A3.10 |                                                                                     |                                               |
|    | VTR                                                                                                      |  | VENT THROUGH ROOF<br>REFER TO DETAIL C7/A3.10 |
|    | EF                                                                                                       |                                                                                     | EXHAUST FAN ON CURB                           |
|    | DIRECTION OF DRAINAGE                                                                                    |                                                                                     |                                               |
|    | TAPERED ROOF CRICKET 1/2" - 1'-0" SLOPE                                                                  |                                                                                     |                                               |
|    | RL                                                                                                       |  | ROOF LADDER                                   |
|    | DS                                                                                                       |  | DOWN SPOUT LOCATION                           |
|    | AP                                                                                                       |  | ANCHOR POST                                   |
|    | ANCHOR POST WITH HORIZONTAL LIFELINE ASSEMBLY                                                            |                                                                                     |                                               |
|    | WALKWAY PAD                                                                                              |                                                                                     |                                               |
|    | RTU                                                                                                      |                                                                                     | ROOF TOP UNIT                                 |
|  | SC                                                                                                       |                                                                                     | SUPPLY DUCT CURB                              |
|  | CURBS AT EXISTING DUCT SUPPORT LOCATIONS                                                                 |                                                                                     |                                               |



K12 ROOF PLAN  
1/8" = 1'-0"

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Client/ Contractor

UNIVERSITY OF  
RHODE ISLAND

Project

**HRL BRESSLER  
RESIDENCE HALL  
ROOF REPLACEMENT**  
141 CAMPUS AVE  
KINGSTON, RI 02881  
KC.R.BRES.2022.001

## Seals

**ISSUED FOR CONSTRUCTION**



Issues / Revisions

[illegible]

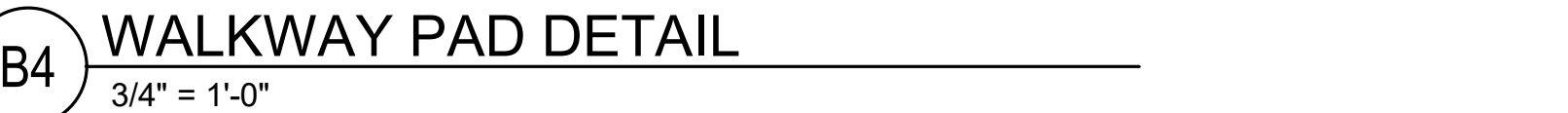
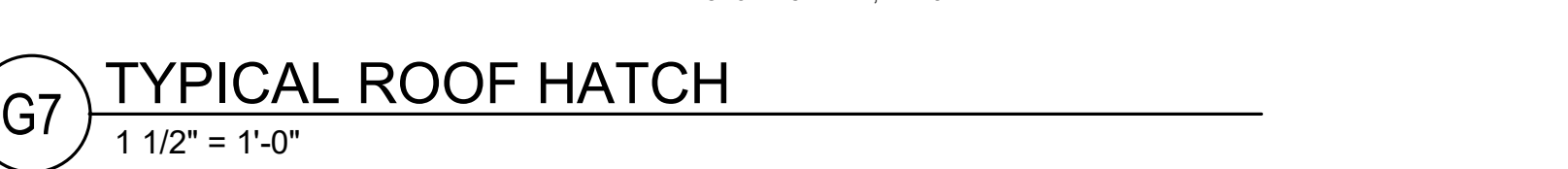
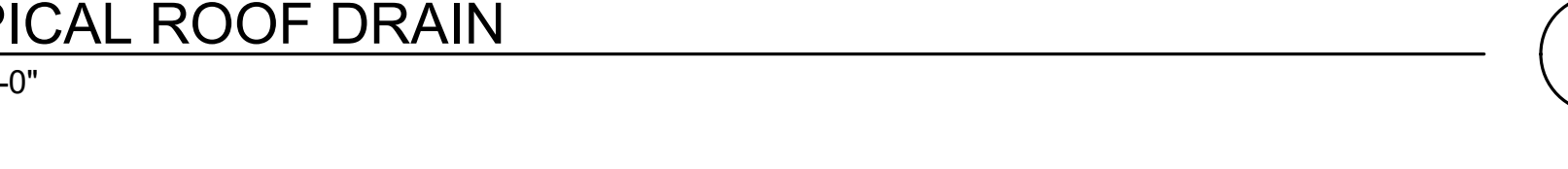
Drawing Title  
**ROOF PLAN**

Project Manager:	MT	Project No:	URI66IN
Project Architect:	MT	Production Leader:	CB
Project Designer:	CB	Peer Reviewer:	RA

Drawing Number

## A2.03







UNIVERSITY OF  
RHODE ISLAND

**HRL BRESSLER  
RESIDENCE HALL  
ROOF REPLACEMENT**  
141 CAMPUS AVE  
KINGSTON, RI 02881  
KC.R.BRES.2022.001

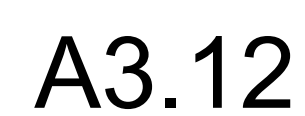
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Project Manager:	MT	Project No:	URI66IN
Project Architect:	MT	Production Leader:	CB

### A3.11



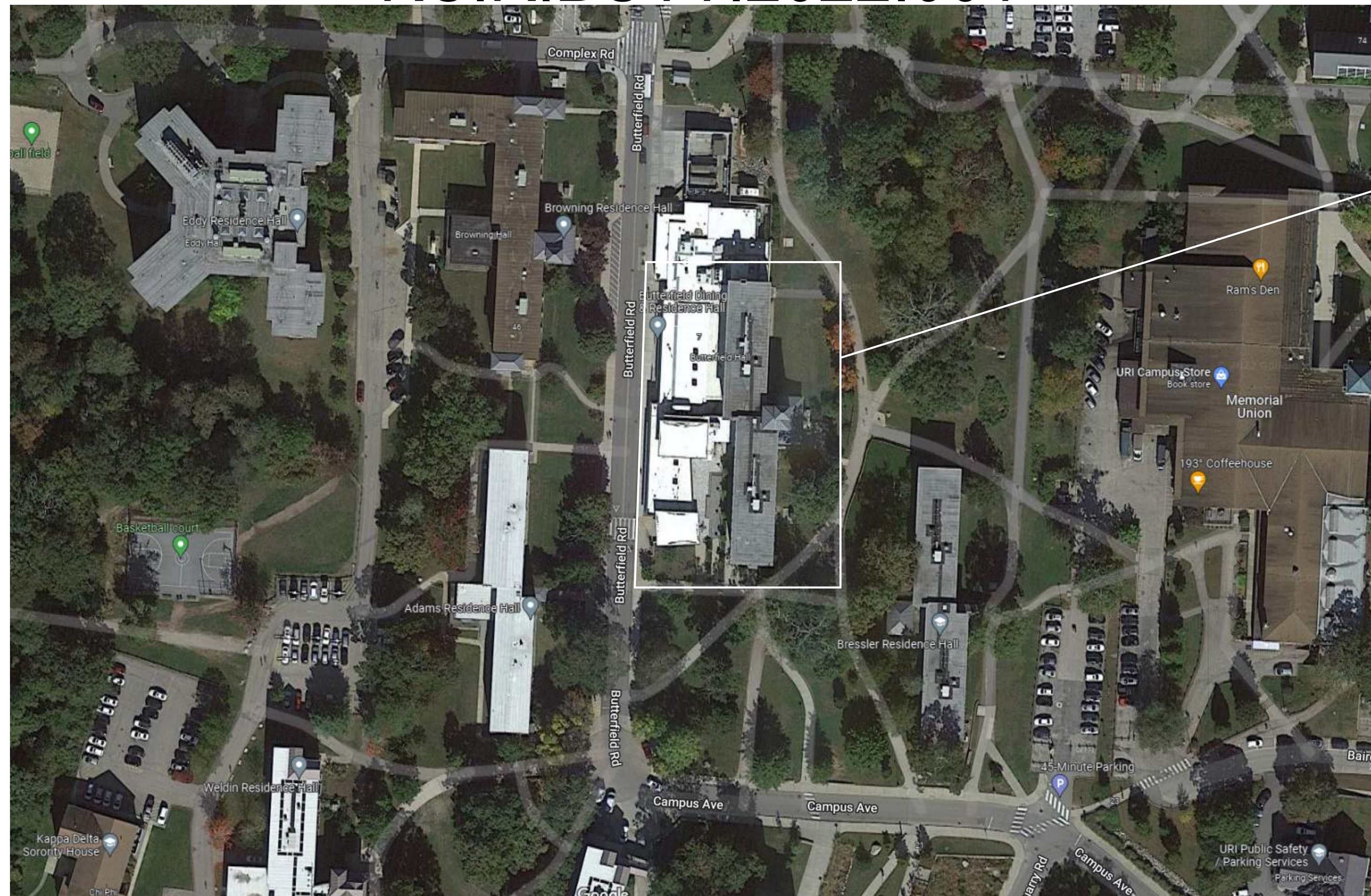






# HRL BUTTERFIELD RESIDENCE HALL ROOF REPLACEMENT

1 BUTTERFIELD ROAD  
KINGSTON, RI 02881  
KC.R.BUTT.2022.001



PROJECT  
LOCATION

## DRAWING LIST

### DRAWING LIST

G0.0	COVER SHEET
ARCHITECTURAL	
A0.10	GENERAL INFORMATION
A1.02	ROOF DEMOLITION PLAN
A1.03	ROOF PLAN
A3.10	ROOF DETAILS
A3.11	ROOF DETAILS
A3.12	STANDING SEAM METAL ROOF DETAILS

THE  
UNIVERSITY  
OF RHODE ISLAND



**Tecton**  
ARCHITECTS

TECTON  
ARCHITECTS  
17 RAILROAD AVENUE  
WESTERLY, RI 02891

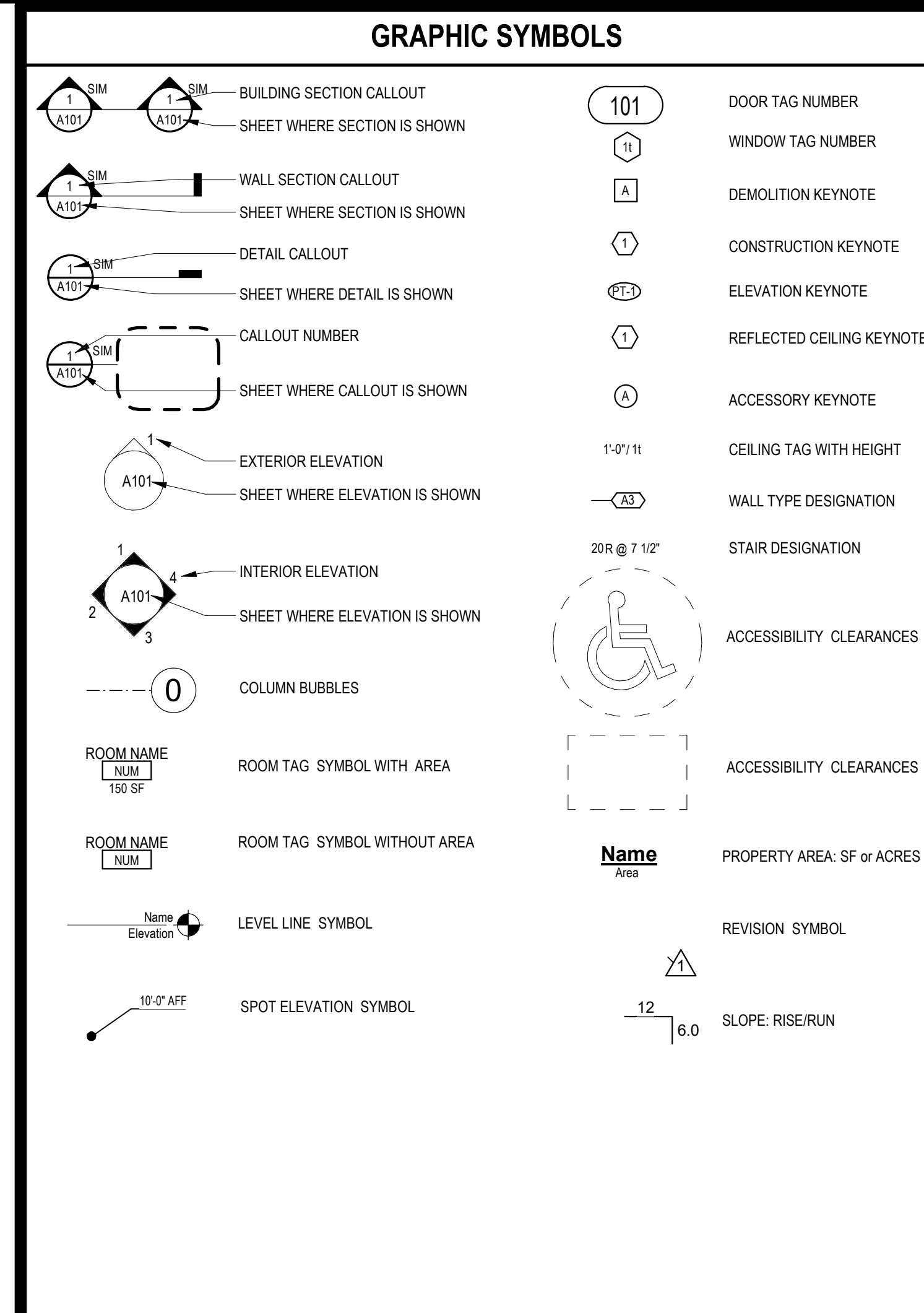


ISSUED FOR CONSTRUCTION  
01/03/2023

PROJECT NAME: HRL BUTTERFIELD RESIDENCE HALL ROOF REPLACEMENT

PROJECT NUMBER: URI671N





## PROJECT SYNOPSIS

THE SCOPE OF THE WORK AT THE UNIVERSITY OF RHODE ISLAND BUTTERFIELD HALL FOUR STORY DORMITORY IS SUMMARIZED AS FOLLOWS:

1. REMOVE AND REPLACE  $\approx 5,441$  SQUARE FEET OF BITUMINOUS LOW SLOPE ROOFING SYSTEM FOR THE ENTIRE BUILDING. REMOVE AND REPLACE  $\approx 1,458$  SQUARE FEET OF STANDING SEAM METAL ROOFING SYSTEM FOR THE ENTIRE BUILDING.
2. BITUMINOUS LOW ROOFING SYSTEM: PROVIDE NEW CONSTRUCTION CONSISTING OF A NEW FULLY ADHESED MULTI-PLY MEMBRANE ROOFING SYSTEM WITH 30 YEAR WARRANTY, 1/8" MINIMUM INSULATION, 1/2" MINIMUM INSULATION OVER COVER BOARD, NEW RIGID INSULATION (10 MINIMUM), VAPOR BARRIER AND RENOVATION OF LIGHTENING PROTECTION WALKWAY PADS. EXISTING ROOF DRAIN LOCATIONS WITHIN THE AREA OF WORK ARE TO BE RE-USED AND PROVIDED WITH NEW 18" DIA. DRAIN COVERS. EXISTING ROOF DRAIN LOCATIONS OUTSIDE THE AREA OF WORK ARE TO BE RE-USED AND PROVIDED IN PLACE. FULL PROTECTION IS TO BE INSTALLED AT ROOF TOP EQUIPMENT WITHIN TEN FEET OF A ROOF EDGE. ROOF ACCESS HATCH TO BE RE-INSTALLED AND RE-SEAL. EXISTING ROOF ACCESS HATCH TO BE RE-INSTALLED AND RE-SEAL.
3. STANDING SEAM METAL ROOFING SYSTEM: PROVIDE NEW CONSTRUCTION CONSISTING OF A NEW METAL ROOFING SYSTEM WITH SNOW GUARDS, BUTTERS AND LEAKS, REPAIRS TO SPECIFICATIONS FOR WARRANTY. REINSTALLATION OF LIGHTENING PROTECTION WALKWAY PADS.

## BUILDING CODES

ALL CONSTRUCTION SHALL CONFORM WITH THE FOLLOWING CODES

- 2019 RHODE ISLAND STATE FIRE SAFETY CODE

- 2021 RHODE ISLAND STATE BUILDING CODE**
1. SBC-1 INTERNATIONAL BUILDING CODE/2018 (ICC)
  2. SBC-3 INTERNATIONAL PLUMBING CODE/2018 (IPC)
  3. SBC-4 INTERNATIONAL MECHANICAL CODE/2018 (IMC)
  4. SBC-5 NATIONAL ELECTRICAL CODE/2020, NFPA 70/2018 (NEC)
  5. SBC-8 INTERNATIONAL ENERGY CONSERVATION CODE/2018 (IECC)
  6. IC(ANSI) A117.1/2009 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES (ANSI)



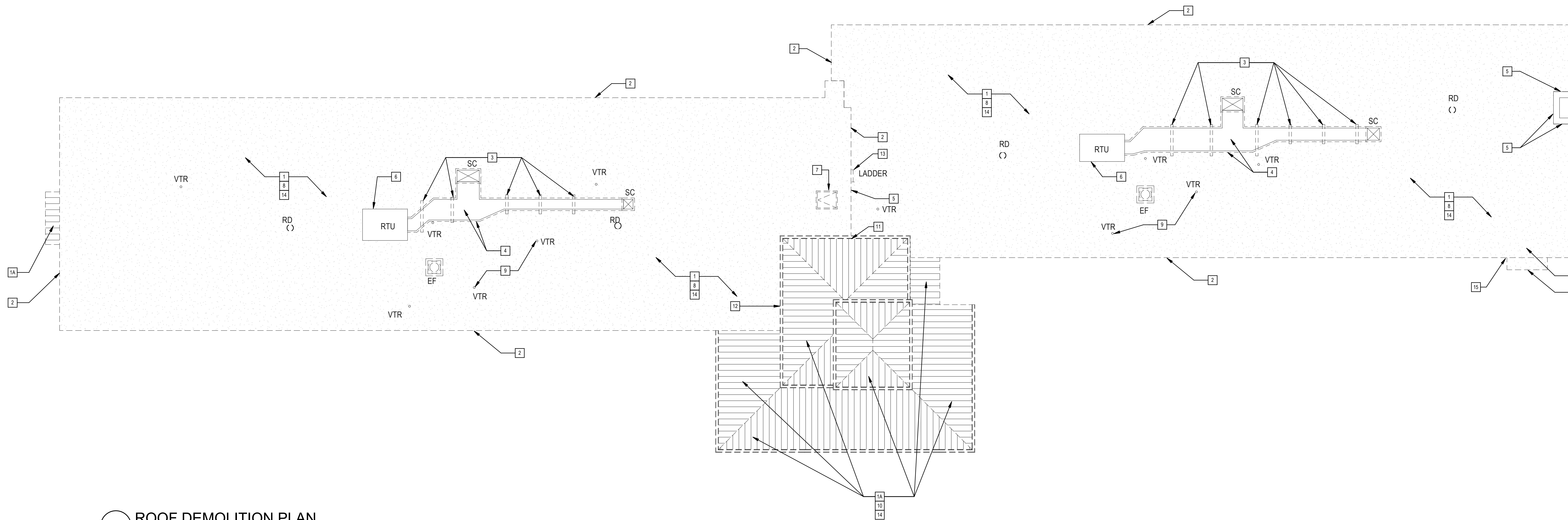
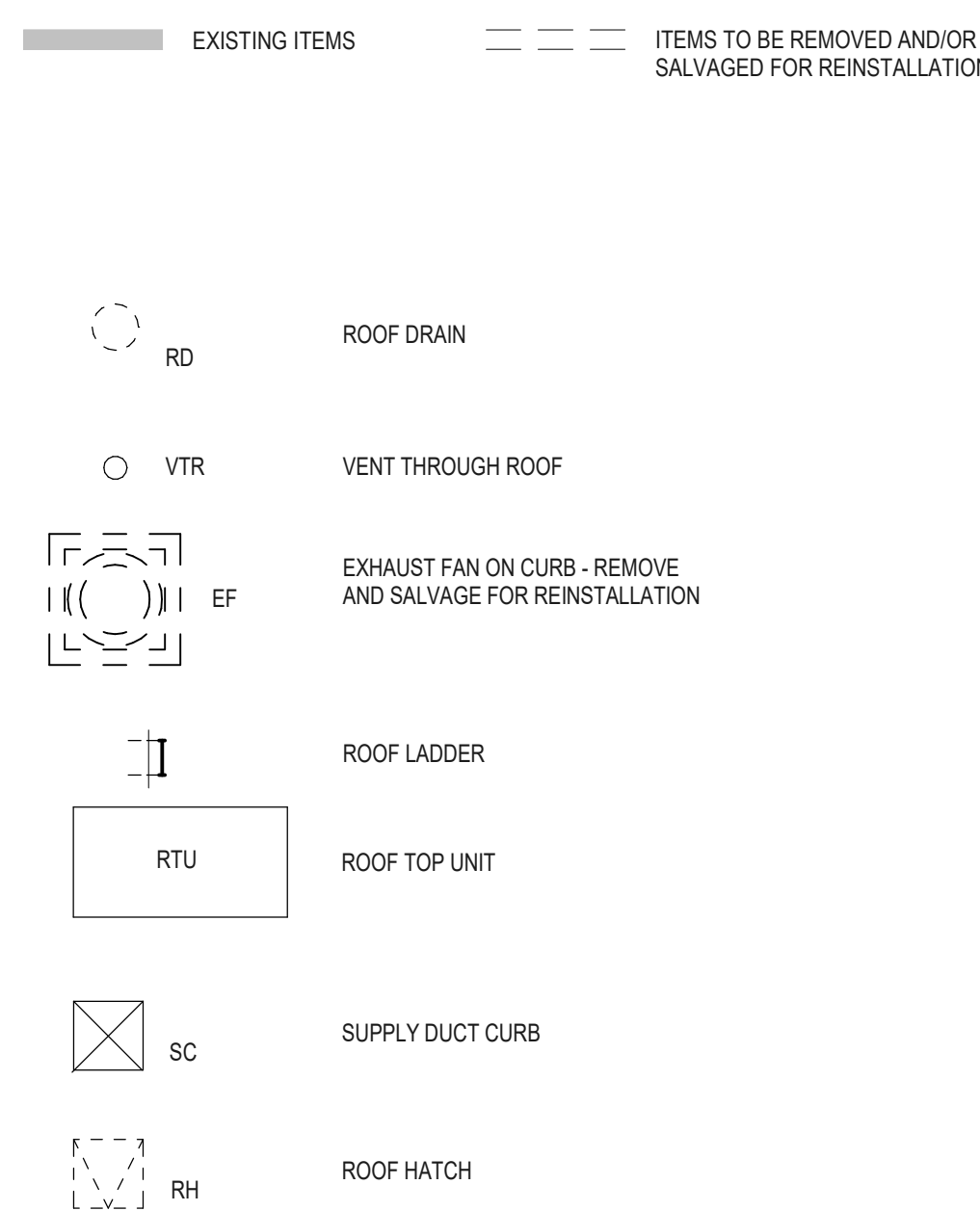
# KEYNOTES DEMOLITION

1	REMOVE ROOF SYSTEM IN THIS ENTRY. METAL ROOF NOT LIMITED TO ROOF MEMBRANE, INSULATION, FIBERGLASS, DRAIN PIPES AND FLASHING. REMOVE FLASHING DOWN TO CONCRETE ROOF DECK.
2	REMOVE ALL COMPONENTS OF STANDING SEAM METAL ROOF SYSTEM IN THIS ENTRY, INCLUDING ICE AND WATER BARRIER DOWN TO PLYWOOD DECK.
3	REMOVE ALUMINUM COPING, ROOF EDGE, INCLUDING BUT NOT LIMITED TO WOOD BLOCKING, WOOD FLASH, METAL EDGE, MEMBRANE FLASHING, TYP.
3	REMOVE SHEET METAL AND FLASHING FROM SLEEPERS SUPPORTING DUCT WORK AND MECHANICAL EQUIPMENT. EXISTING BLOCKING TO REMAIN.
4	REMOVE EXISTING EXTERIOR DUCTWORK AND INSULATION AROUND DUCTWORK FROM RUTO TO EXISTING EXTERIOR LOCATION.
5	REMOVE WALL FLASHING INCLUDING BUT NOT LIMITED TO MEMBRANE FLASHING, TERMINATION FLASHING, AND SEALANT.
5A	AT C/TOYR, REMOVE WALL FLASHING INCLUDING BUT NOT LIMITED TO MEMBRANE FLASHING, TERMINATION FLASH, AND SEALANT.
6	REMOVE SHEET METAL AND FLASHING FROM SLEEPERS SUPPORTING MECHANICAL EQUIPMENT. EXISTING BLOCKING AND RUTO TO REMAIN.
7	REMOVE ROOF FLASHING AND INSULATION FROM EXISTING BLOCKING.
8	REMOVE ANY PIPE, GROUND, DECONTAMINATED OR SPALL CRACKED CONCRETE, PREP FOR PATCHING TYP.
9	REMOVE PIPE FLASHING AND SINK DRAIN INTO ENTRY. EXISTING CAST RUB HUB BELLOWS TO REMAIN. W/IN 10' OF EXISTING DRAIN, REMOVE EXISTING DRAIN, CLOS. TO CONDUIT AND DISCONNECTS TO ARCHITECT AND OWNER. TYP.
10	REMOVE CUTTING AND PATCHING.
11	REMOVE WHITE TRIM PANEL.
12	REMOVE EXISTING ACCESS PANEL, PREP FORING FOR INSTALLATION OF NEW ACCESS PANEL. REFERS TO RUTO FOR DRAIN ID.
13	REMOVE LAUNDER.
14	REMOVE EXISTING GROUNDING EQUIPMENT, SALVAGE FOR REINSTALLATION AND REGENERATION.
15	REMOVE STAINLESS STEEL PROTECTIVE COVER, CONDUIT, SALVAGE FOR REINSTALLATION IN SAME LOCATION.

### GENERAL NOTES - DEMOLITION

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL NECESSARY TO COMPLETE THE WORK. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY CONTAINMENT COSTS FOR CARRYING AND DUMPING, OF ALL MATERIAL DERIVED FROM THE PROJECT. THE CONTRACTOR SHALL PROVIDE OWNER WITH FIRST RIGHTS TO ALL MATERIALS, INCLUDING DEBRIS, HARDBARE, ETC., BEFORE REMOVING FROM THE SITE.
2. ALL ROOF TOPPING EQUIPMENT (SUCH AS CRANES) TO BE REMOVED, SALVAGED, AND REINSTALLED OR RELOCATION. UNLESS OTHERWISE SPECIFIED, PLANS AND VERIFY WITH OWNER FOR ANY LAST NUNITE CHANGES.
3. PROVIDED ROOF PLAN DIMENSIONS ARE +/- DIMENSIONS FOR REFERENCE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY EXISTING FIELD DIMENSIONS.
4. THE CONTRACTOR SHALL MAINTAIN A WATER TIGHT ENVIRONMENT AT THE ROOF DURING THE COURSE OF CONSTRUCTION.
5. THE CONTRACTOR SHALL MAINTAIN THE MEANS OF EGRESS AND FIRE PROTECTION SYSTEMS FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL NOT OBTAIN ANY PERMITS OR VARIATIONS FROM ANY AGENCIES WITHOUT THE WRITTEN PERMISSION FROM THE AUTHORITIES HAVING JURISDICTION. THE MEANS OF EGRESS SHALL BE KEPT FREE OF DEBRIS, SAFE, AND USABLE AS DETERMINED BY THE GOVERNING JURISDICTION.
6. WHEN WALLS, COLUMNS, ROOF CONSTRUCTION, OR OTHER SUPPORTING AND BRACING ELEMENTS ARE TO BE REMOVED, THE CONTRACTOR SHALL PROVIDE STRUCTURAL SUPPORTS AND BRACING FOR THE ADJACENT CONSTRUCTION SHALL BE PROVIDED AND MAINTAINED UNTIL THE PERMANENT SUPPORTING STRUCTURES ARE IN PLACE AND CAPABLE OF SUPPORTING THE REMOVED ELEMENTS.
7. CONTRACTOR TO VERIFY JOINTS BETWEEN PLANKS ARE FILLED AFTER DEMOLITION AND BEFORE NEW CONSTRUCTION. SHOULD ADDITIONAL WORK BE REQUIRED TO GROUT THE JOINTS, IT WILL BE CONSIDERED A CHANGE ORDER AGAINST THE RELATIONED ALLOWANCE.
8. IT IS NOT THE INTENT TO SHOW EVERY PIECE OR ITEM TO BE REMOVED IN THIS SCHEDULE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE WORK RELATED TO AN AREA SCHEDULED FOR DEMOLITION AND REMOVAL. SHALL BE PERFORMED WHETHER OR NOT TO NOT. PROTECT ALL ITEMS INTENDED FOR SALVAGE AND REUSE OR NOT TO BE REMOVED.
9. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT PRIOR TO COMMENCING WORK AND SHALL CLARIFY ANY OF ANY DISCREPANCIES, CONFLICTS OR OMISSIONS IN THE CONSTRUCTION DOCUMENTS AND BETWEEN CONSTRUCTION DOCUMENTS AND FIELD CONDITIONS. FOR THOSE DISCREPANCIES NOT BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO COMMENCEMENT, THE CONTRACTOR HAS BID THE MORE EXPENSIVE METHOD OF CONSTRUCTION WORK (UNTAKEN PRIOR TO NOTIFICATION) AND WILL BE AT THE CONTRACTORS SOLE EXPENSE AND RISK.
10. CONTRACTOR SHALL MAINTAIN THE FUNCTION OF ALL VENTS AND DRAINAGE DURING CONSTRUCTION. WHERE EQUIPMENT OR ITEMS ARE REMOVED/IF LIGHTENING PROTECTION AND ETC., THE CONTRACTOR SHALL COORDINATE WITH THE DIRECTOR OF THE PROJECT PROVIDE THE NECESSARY INFORMATION. A PLAN SHALL BE SUBMITTED TO THE OWNER AND APPROVED PRIOR TO ANY DEMOLITION AND/OR CONSTRUCTION WORK.

### DEMOLITION LEGEND



**H11 ROOF DEMOLITION PLAN**  
1/8" = 1'-0"

**Tecton**  
ARCHITECTS

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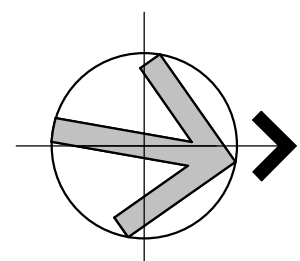
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Client/ Contracto

UNIVERSITY OF  
RHODE ISLAND

Projec

**HRL BUTTERFIELD  
RESIDENCE HALL  
ROOF REPLACEMENT**  
1 BUTTERFIELD ROAD  
KINGSTON, RI 02881  
KC.R.BUTT.2022.001



Seal

**ISSUED FOR CONSTRUCTION**



Issues / Revisions

[illegible]

Drawing Title

# ROOF DEMOLITION PLAN

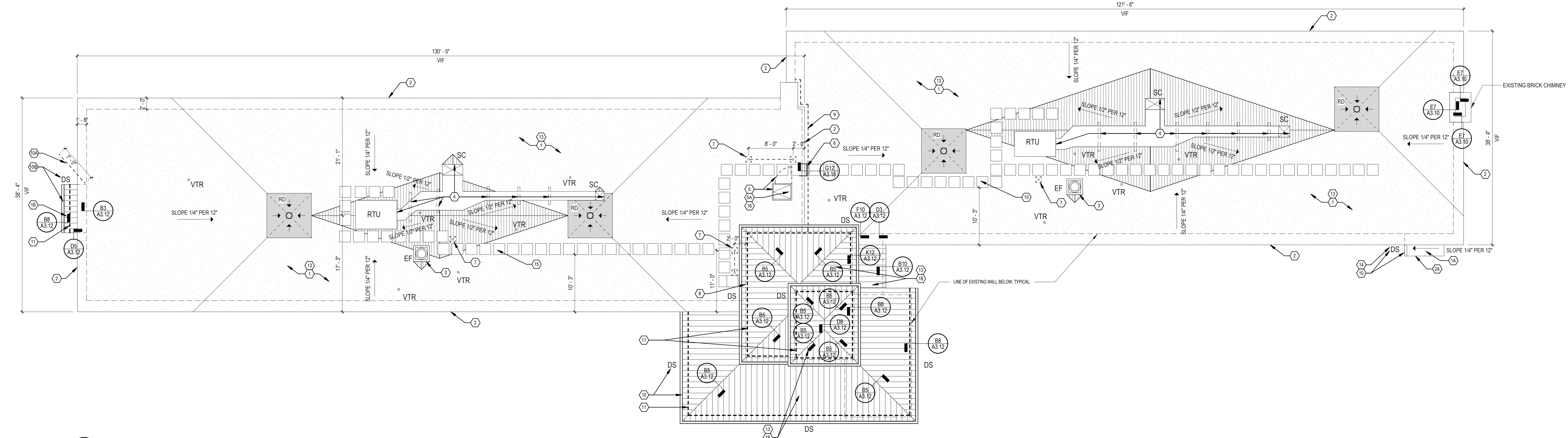
Project Manager:	MT	Project No:	URI67IN
Project Architect:	MT	Production Leader:	CB
Project Designer:	CB	Peer Reviewer:	RA

Drawing Number

## A1.02



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**K12** ROOF PLAN  
1/8" = 1'-0"

**E12** ACCESS HATCH - DEMOLITION  
1 1/2" = 1'-0"

**E9** ACCESS HATCH - CONSTRUCTION  
1 1/2" = 1'-0"

**KEYNOTES - CONSTRUCTION**

1	PROVIDE ROOFING SYSTEM. REFER TO DETAIL K4A3.10.
1A	PROVIDE ROOFING SYSTEM AT LOWER ROOF. REFER TO DETAIL K4A3.10.
1B	PROVIDE STANDING SEAM METAL ROOFING SYSTEM. ATTACH CLIPS FOR ROOFING SYSTEM TO EXISTING FLYWOOD. REFER TO DETAILS ON SHEET A3.12.
2	PROVIDE ALUMINUM COPING. REFER TO DETAIL K4A3.10. COLOR TBD AS SELECTED BY ARCHITECT.
2A	PROVIDE ALUMINUM COPING AT LOWER ROOF. REFER TO DETAIL K4A3.10. COLOR TBD AS SELECTED BY ARCHITECT.
3	INSTALL SALVAGED ROOF TOP EQUIPMENT AT NEW ROOF HEIGHT. FABRICATE INSULATED ALUMINUM CURB CAP TO TRANSITION BETWEEN EXISTING EXHAUST FAN AND CURB. REFER TO DETAIL C10A3.10.
4	PROVIDE AND INSTALL CURBS AT EXISTING DUCT SUPPORT LOCATIONS. REFER TO TYPICAL SLEEPER DETAIL. PROVIDE AND INSTALL MINIMUM 3" CLOSED CELL POLYISOCYANURATE INSULATION AROUND EXISTING ROOF TOP DUCT. MINIMUM OF R-12. PROVIDE AND INSTALL FIELD APPLIED SELF-ADHESIVE OUTDOOR JACKETS. BASIS OF DESIGN: POLYGUARD PRODUCTS, INC. ALUMAGUARD ALL WEATHER. PROVIDE TO SUPPLY DUCT CURB. INCLUSIVE OF METAL DUCTWORK, EXTERIOR-PAINTED DUCT INSULATION WRAP, OUTDOOR JACKET WATERPROOFING MEMBRANE AND FLASHING.
5	PROVIDE AND INSTALL NEW ROOF HATCH WITH GUARD RAIL SYSTEM ATTACHED TO ROOF HATCH. SWING GATE SHOWN DASHED. REFER TO DETAIL G7.1 A3.11.
5A	PROVIDE AND INSTALL LADDER EXTENSION WITH ONE ADDITIONAL RUNG. EXTENSION OVERLAP TO BE 8". TWO BOLTS PER RAIL. 4" SPACING BETWEEN HOLES. 2" FROM EACH END FOR RAIL. FOUR BOLTS TOTAL. 1/2" BOLT. NEW RAILS TO BE ON OUTSIDE OF EXISTING RAIL. TOP RUNG TO BE 12" MINIMUM FROM FROM TOP EDGE OF ROOF HATCH. MATCH RUNG SPACING.
6	PROVIDE AND INSTALL NEW LADDER. FILL HOLES IN BRICK WALL FROM REMOVED LADDER WITH MORTAR. MATCH EXISTING.
7	ANCHOR POST LOCATION. CONTRACTOR TO PROVIDE STAMPED ENGINEERED CALCULATIONS WITH A SIGNED STRUCTURAL ENGINEERED STATEMENT THAT POST FASTENERS MEET CODE REQUIREMENTS FOR PULL RESISTANCE. REFER TO RITCH POCKET DETAIL K7A3.10 AND ANCHOR POINT DETAIL K9A3.11. ADJUST QUANTITIES AND LOCATIONS IN THE FIELD AS REQUIRED. TYPICAL.
8	PROVIDE AND INSTALL ALUMINUM INSULATED ACCESS PANEL. REFER TO DETAIL E6A1.03.
9	LOCATION OF KEE MEMBRANE SHOWN DASHED. REFER TO DETAIL G12A3.10. AT BRICK AND EPS ENDS OF KEE MEMBRANE, TERMINATE WITH VERTICAL TERMINATION BAR. BUTYL TAPE AND SEALANT. SIMILAR TO DETAIL E7A3.10.
10	REPLACE ALL GUTTERS AND DOWNSPOUTS. TYP. THE W/O EXISTING. COLOR TO MATCH EXISTING AS APPROVED BY ARCHITECT.
10A	PROVIDE AND INSTALL FLEXIBLE DOWNSPOUT EXTENSION AND SPLASHBLOCK WITHIN EXISTING LANDSCAPING AS SHOWN. COORDINATE ROUTING WITH ARCHITECT.
10B	INSTALL NEW OUTER AND DOWNSPOUT TYP. COLOR TO MATCH EXISTING AS APPROVED BY ARCHITECT.
11	SNOW GUARD. SHOWN DASHED. SEE DETAIL K9A3.12.
12	NOT USED.
13	REMOVE LIGHTNING GROUNDING EQUIPMENT. SALVAGE FOR REINSTALLATION AND RECERTIFICATION.
14	REINSTALL SALVAGED STAINLESS STEEL DOWNSPOUT COVER IN ORIGINAL LOCATION.
15	PROVIDE AND INSTALL WALKWAY PADS. REFER TO DETAIL B4A3.10.
16	PROVIDE AND INSTALL WALL MOUNTED SIGN. COORDINATE LOCATION WITH ARCHITECT. ON WALL ADJACENT TO ROOF HATCH STATING, "ANYONE WHO ACCESS'S THE ROOF IS REQUIRED TO WEAR A HARNESS, WHICH HAS TO BE SECURED TO THE ANCHOR POINT LIFE LINE ADJACENT TO THE ROOF HATCH PRIOR TO STEPPING OFF LADDER."

**GENERAL NOTES - CONSTRUCTION**

- ALL DIMENSIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND ANY DISCREPANCIES SHALL BE PROMPTLY REPORTED TO THE ARCHITECT.
- WHERE THE DRAWINGS AND SPECIFICATIONS CONFLICT THE MOST STRINGENT, GREATEST QUANTITY AND OR BEST QUALITY SHALL BE USED.
- PATCH, REPAIR, AND REFINISH ALL SURFACES EXPOSED BY DEMOLITION WORK OR CUTTING TO ALIGN WITH SPECIFICATIONS SCHEDULED TO REMAIN OR NEW FINISHES SPECIFIED. THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND REPAIR ALL ROOF DECK CONDITIONS DISTURBED OR OTHERWISE IN NEED OF PATCHING AND REPAIRING PRIOR TO INSTALLATION OF ROOFING SYSTEM.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING, REPAIRING AND/OR CAULKING OF ALL EXISTING AND NEW ROOF DECK PENETRATIONS.
- REUSE OF SALVAGED MATERIALS, NOT SPECIFICALLY SCHEDULED FOR REUSE, SHALL BE AT THE SOLE DISCRETION OF THE OWNER. MATERIALS WHICH DO NOT MEET MINIMUM REQUIREMENTS OF STATE AND LOCAL CODES AND REGULATIONS SHALL NOT BE USED. NO MATERIAL SHALL BE REUSED IF SAID MATERIAL WILL NOT ALLOW FOR A CERTIFIED AND WARRANTED FINISHED PRODUCT.

**CONSTRUCTION LEGEND**

EXISTING ITEMS

NEW CONSTRUCTION

HATCH DENOTES AREAS NOT IN CONTRACT

RD

ROOF DRAIN AND SUMP WITH SLOPE ARROWS. TYPICAL SUMP SIZES: 8'X6' & 4'X4'. REFER TO DETAIL E10A3.10

VTR

VENT THROUGH ROOF. REFER TO DETAIL C7A3.10

EF

EXHAUST FAN ON CURB

SLOPE

1/4" - 1'-0"

DIRECTION OF DRAINAGE

TAPERED INSULATION ROOF CRICKET

1/2" - 1'-0" SLOPE

ROOF LADDER

DS

DOWNSPOUT LOCATION

ANCHOR POST

ANCHOR POST WITH HORIZONTAL LIFELINE ASSEMBLY

WALKWAY PAD

RTU

ROOF TOP UNIT

SC

SUPPLY DUCT CURB

CURBS AT EXISTING DUCT SUPPORT LOCATIONS

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Client/ Contractor  
**UNIVERSITY OF RHODE ISLAND**  
Project  
**HRL BUTTERFIELD RESIDENCE HALL ROOF REPLACEMENT**  
1 BUTTERFIELD ROAD  
KINGSTON, RI 02881  
KC.R.BUTT.2022.001

Seals  
**ISSUED FOR CONSTRUCTION**



Issues / Revisions	
No.	Description
01/03/2023	ISSUED FOR CONSTRUCTION

Drawing Title  
**ROOF PLAN**

Project Manager:	MT	Project No:	UR167IN
Project Architect:	MT	Production Leader:	CB
Project Designer:	CB	Peer Reviewer:	RA

Drawing Number  
**A1.03**



Project

**HRL BUTTERFIELD  
RESIDENCE HALL  
ROOF REPLACEMENT**

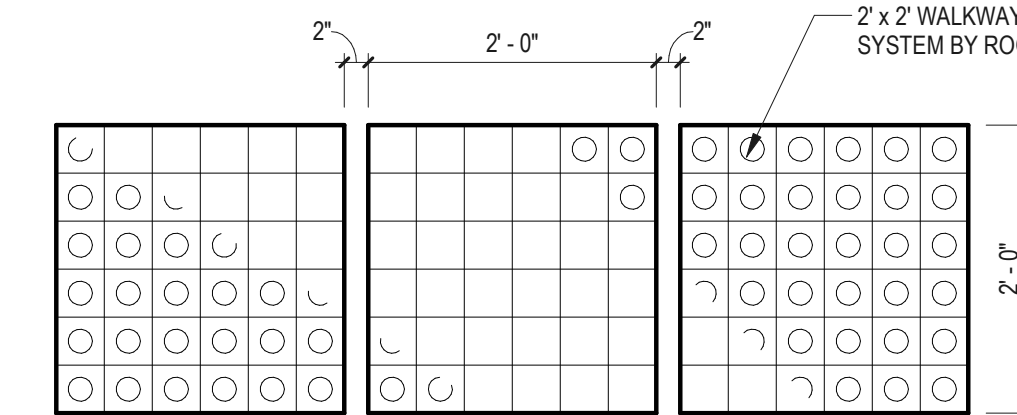
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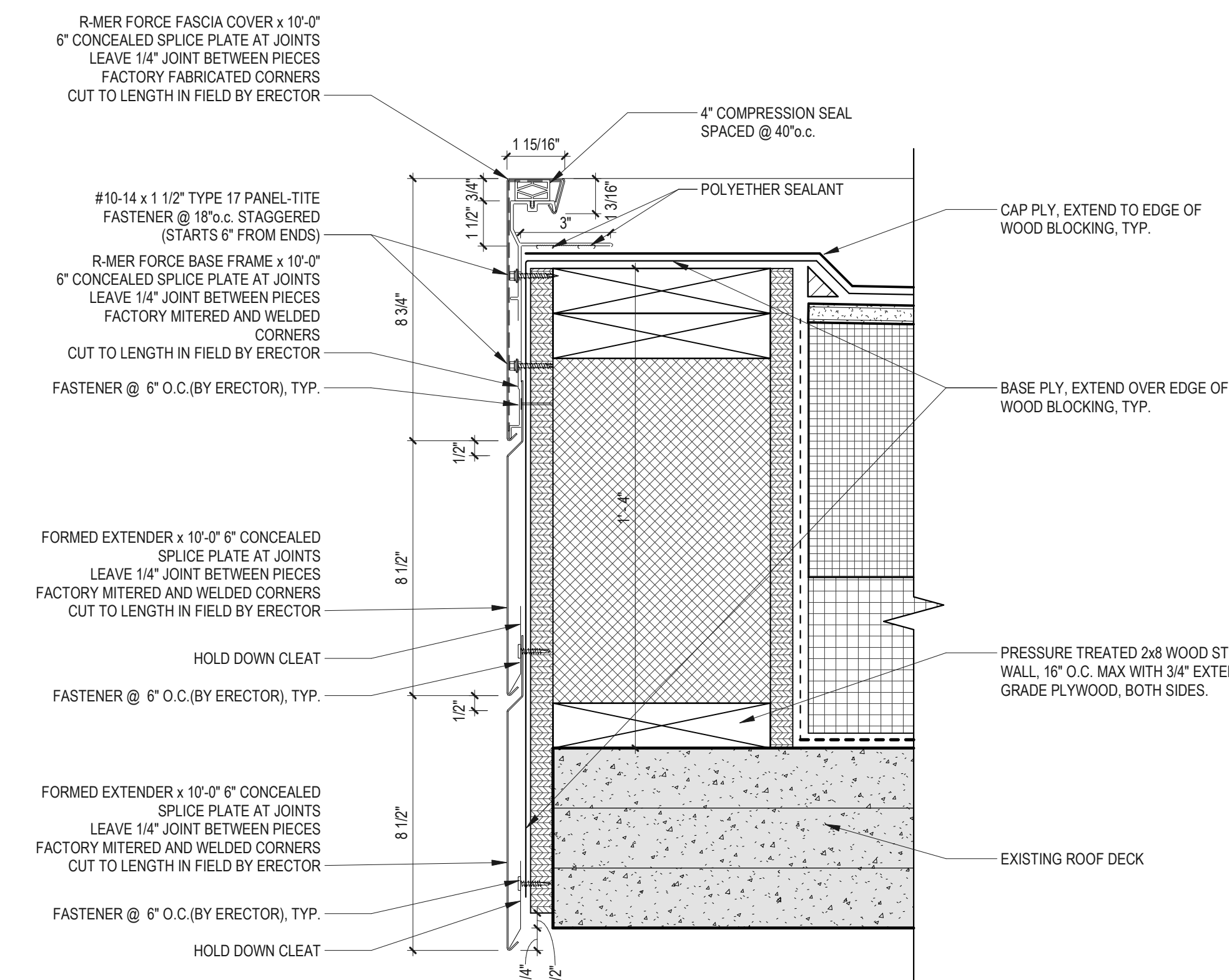
Drawing Title  
**ROOF DETAILS**

Project Manager:	MT	Project No:	URI67IN
Project Architect:	MT	Production Leader:	CB
Project Designer:	CB	Peer Reviewer:	RA

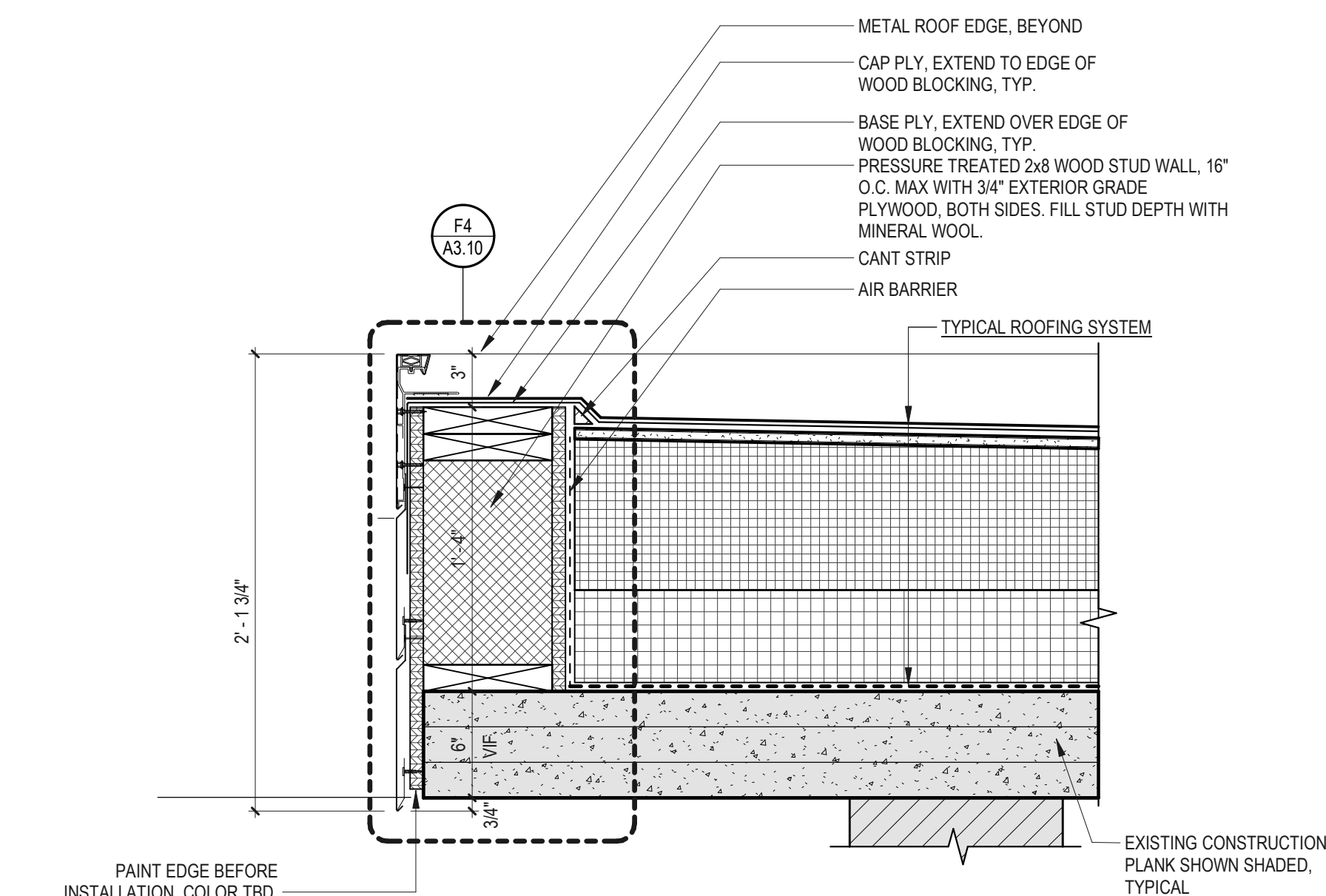
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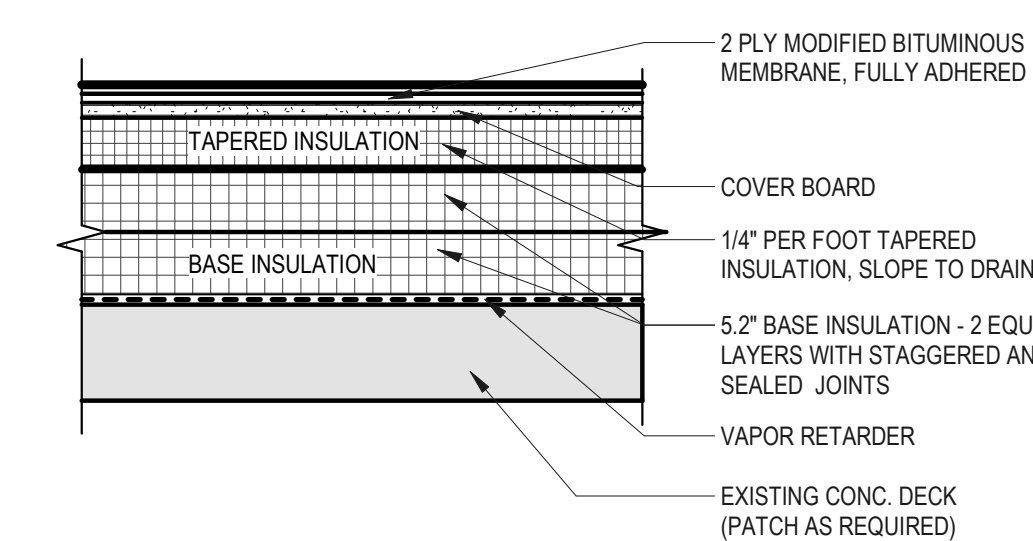
**B4 WALKWAY PAD DETAIL**  
3/4" = 1'-0"



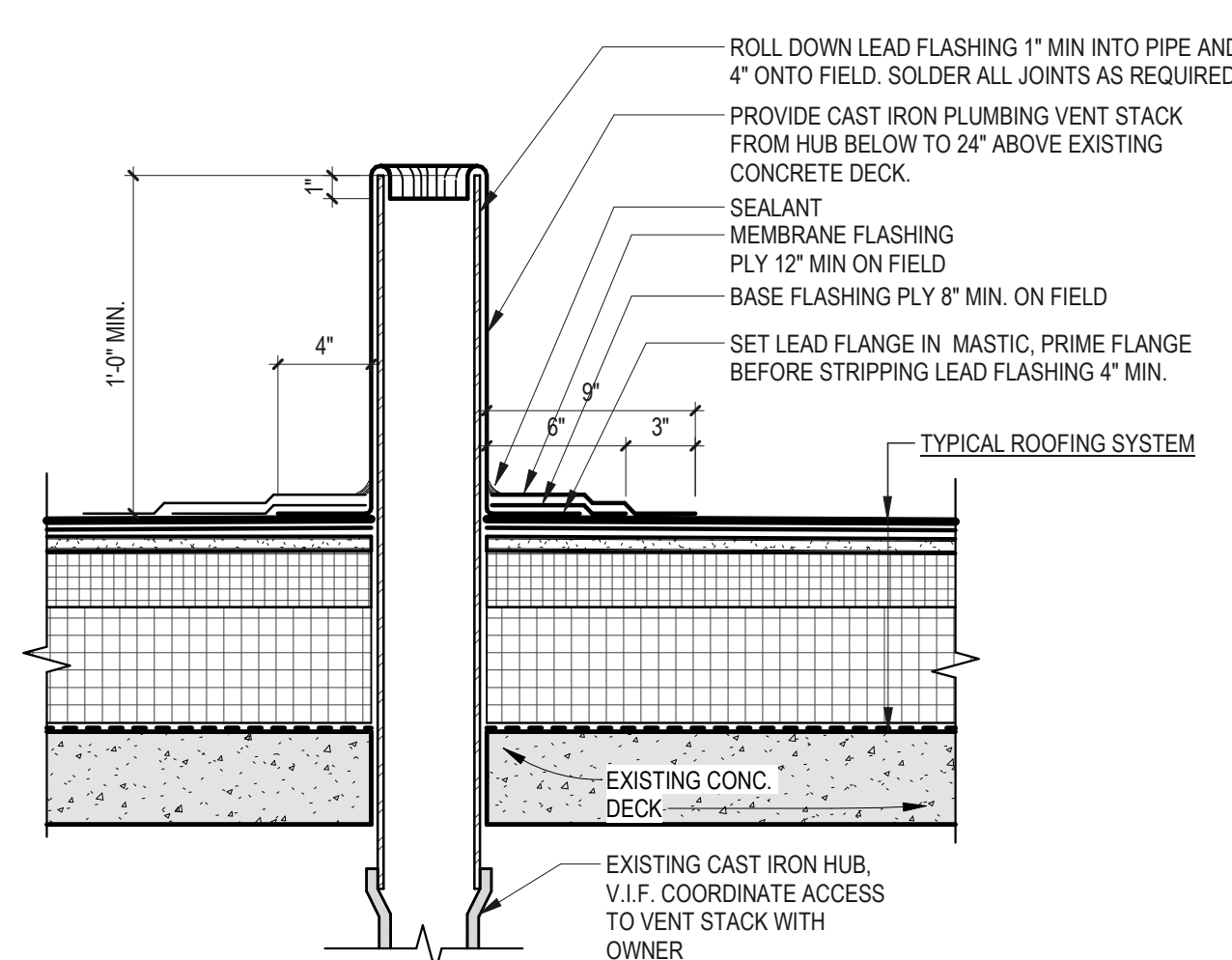
**F4 METAL ROOF EDGE FLASHLESS**  
3" = 1'-0"



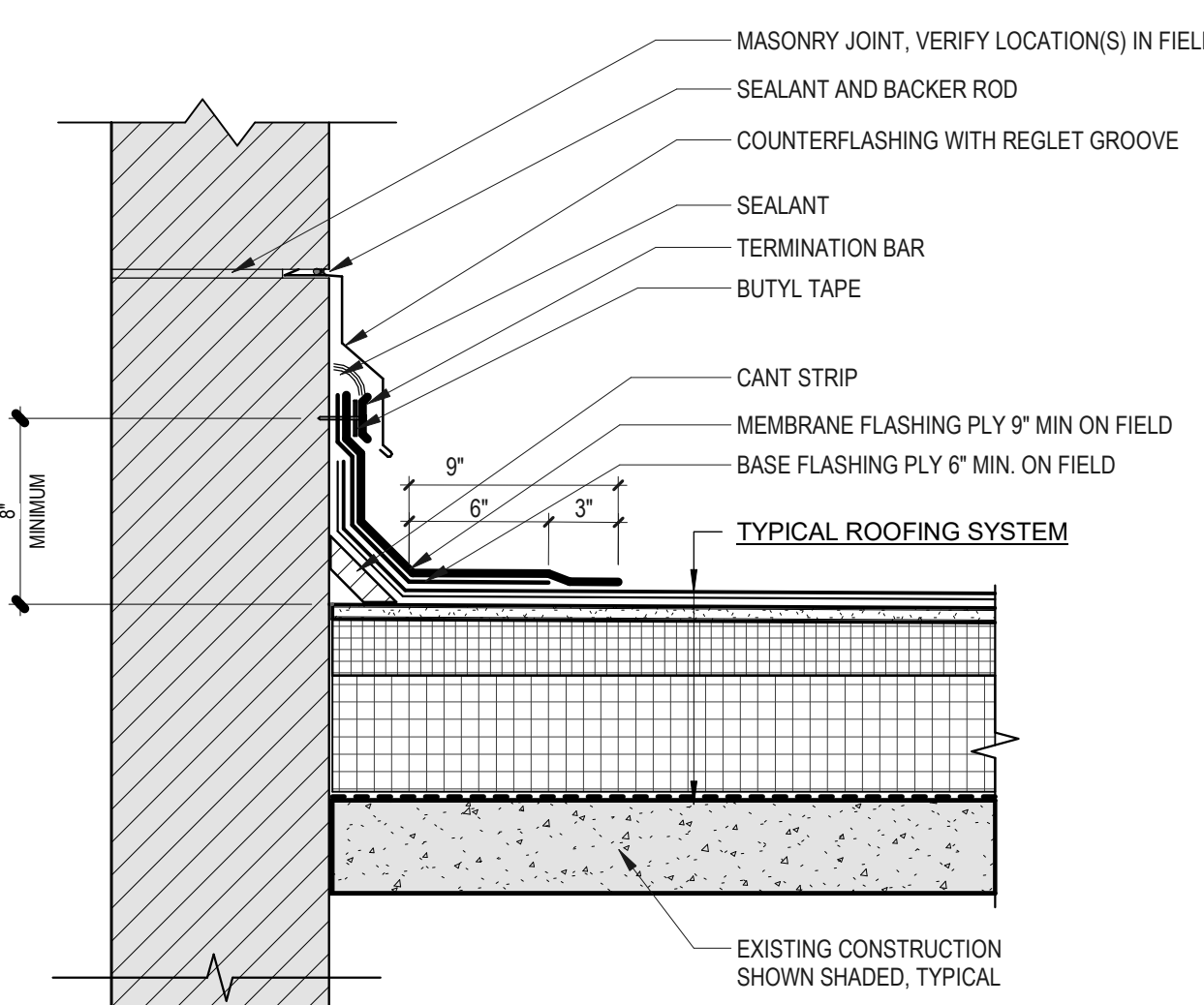
**J4** TYPICAL PERIMETER WALL CONDITION  
1 1/2" = 1'-0"



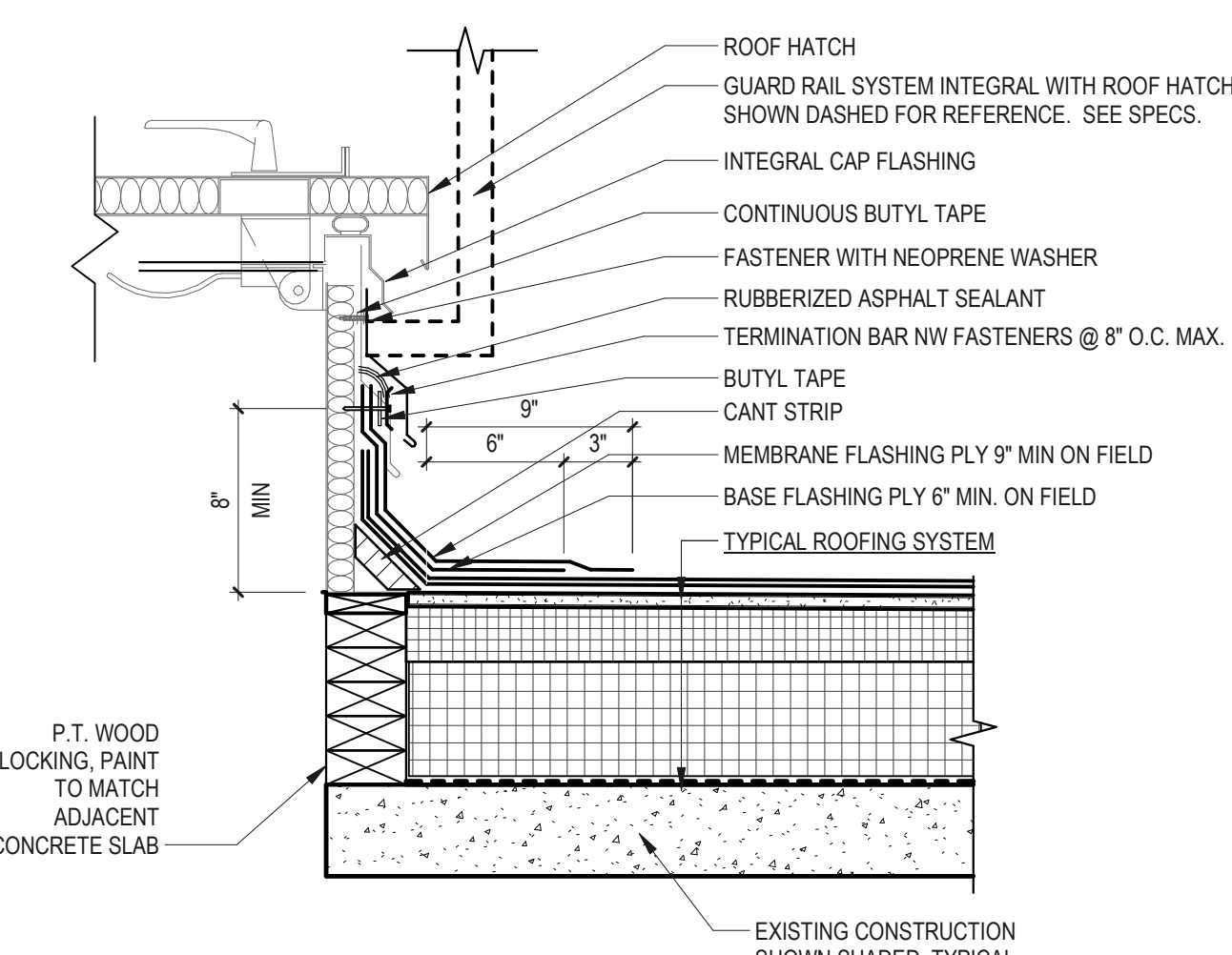
**K4** TYPICAL ROOF MEMBRANE SYSTEM  
1 1/2" = 1'-0"



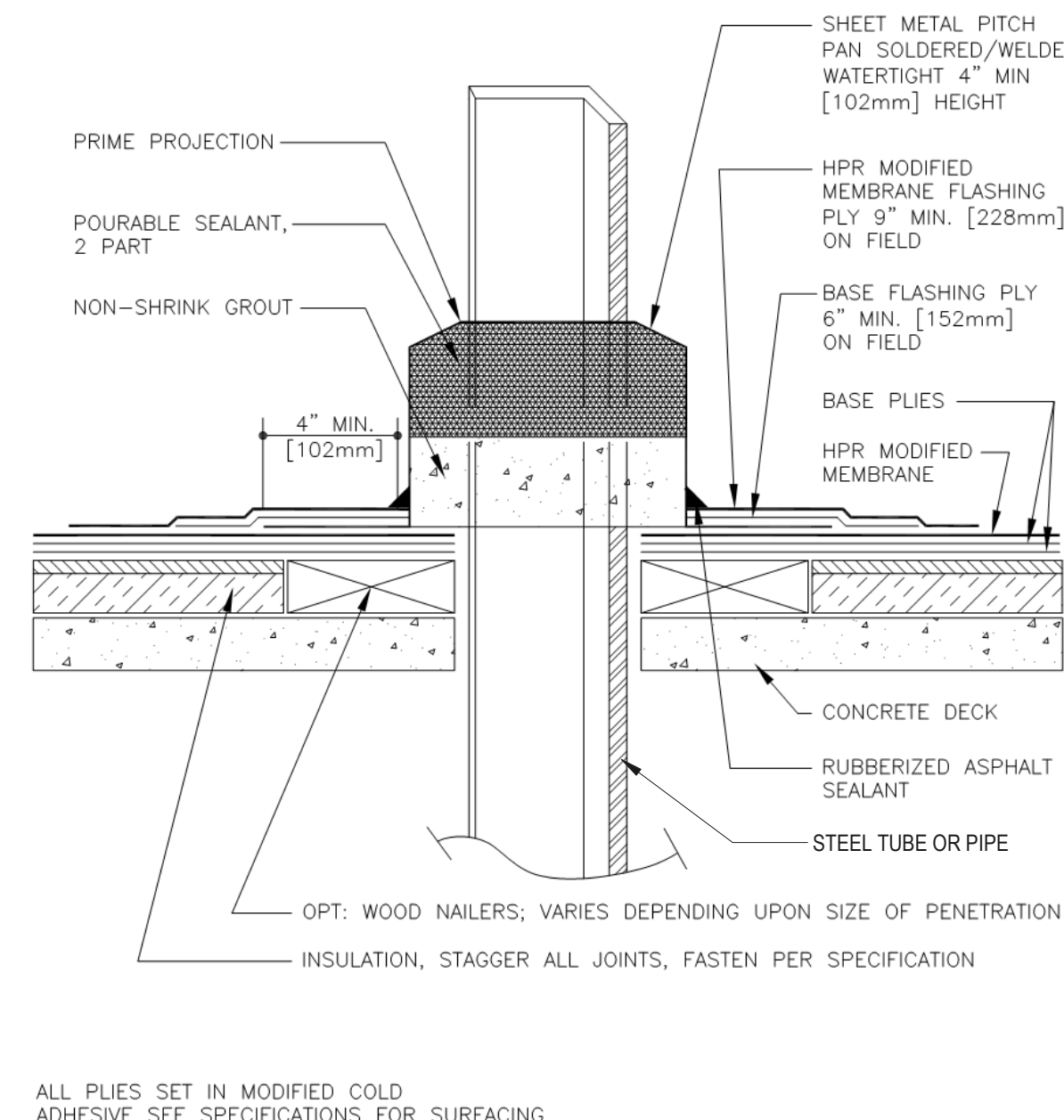
**C7 TYPICAL VENT THROUGH ROOF**  
1 1/2" = 1'-0"



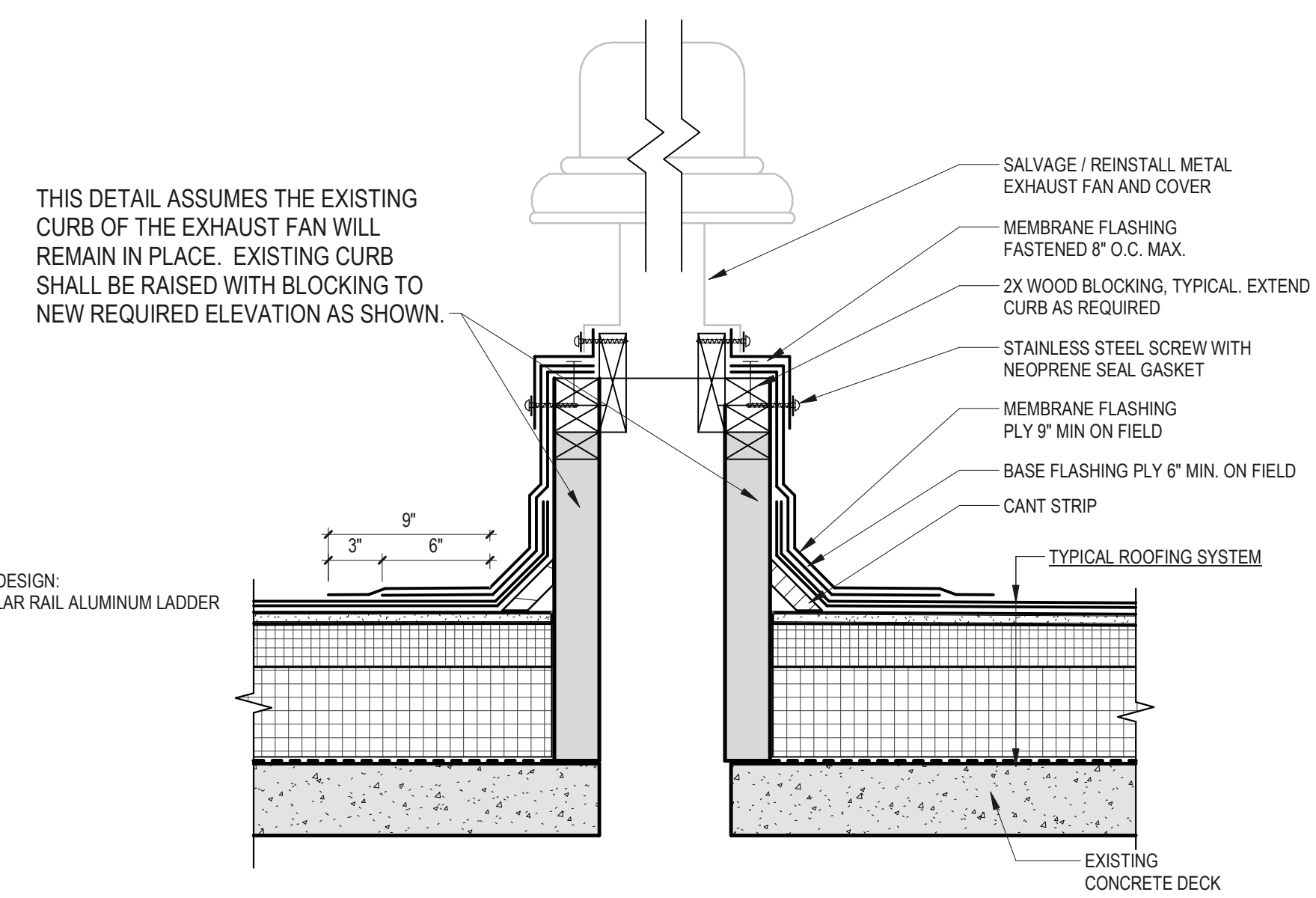
**E7** TYPICAL REGLET AND BASE FLASHING



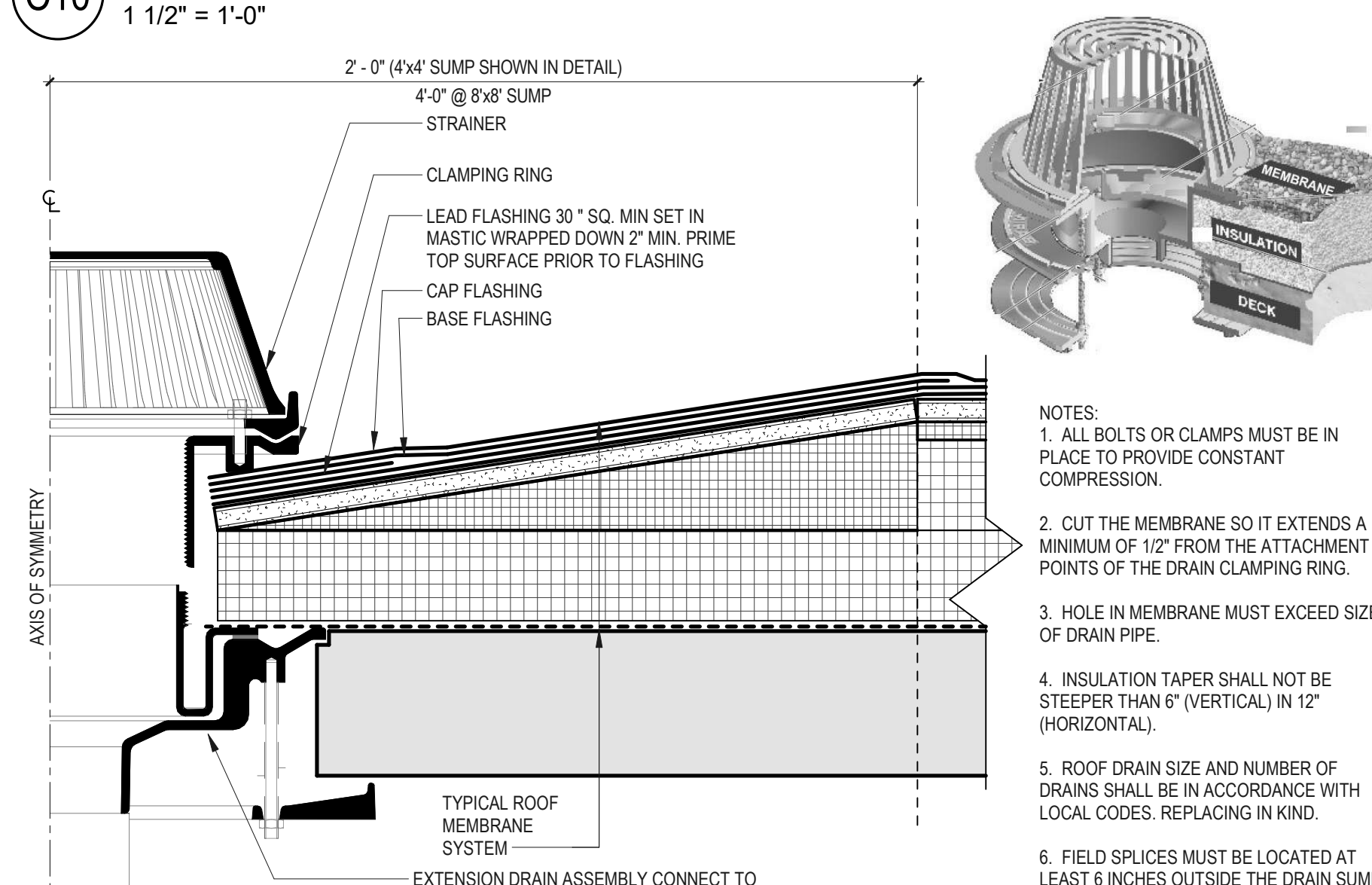
**G7** TYPICAL ROOF HATCH



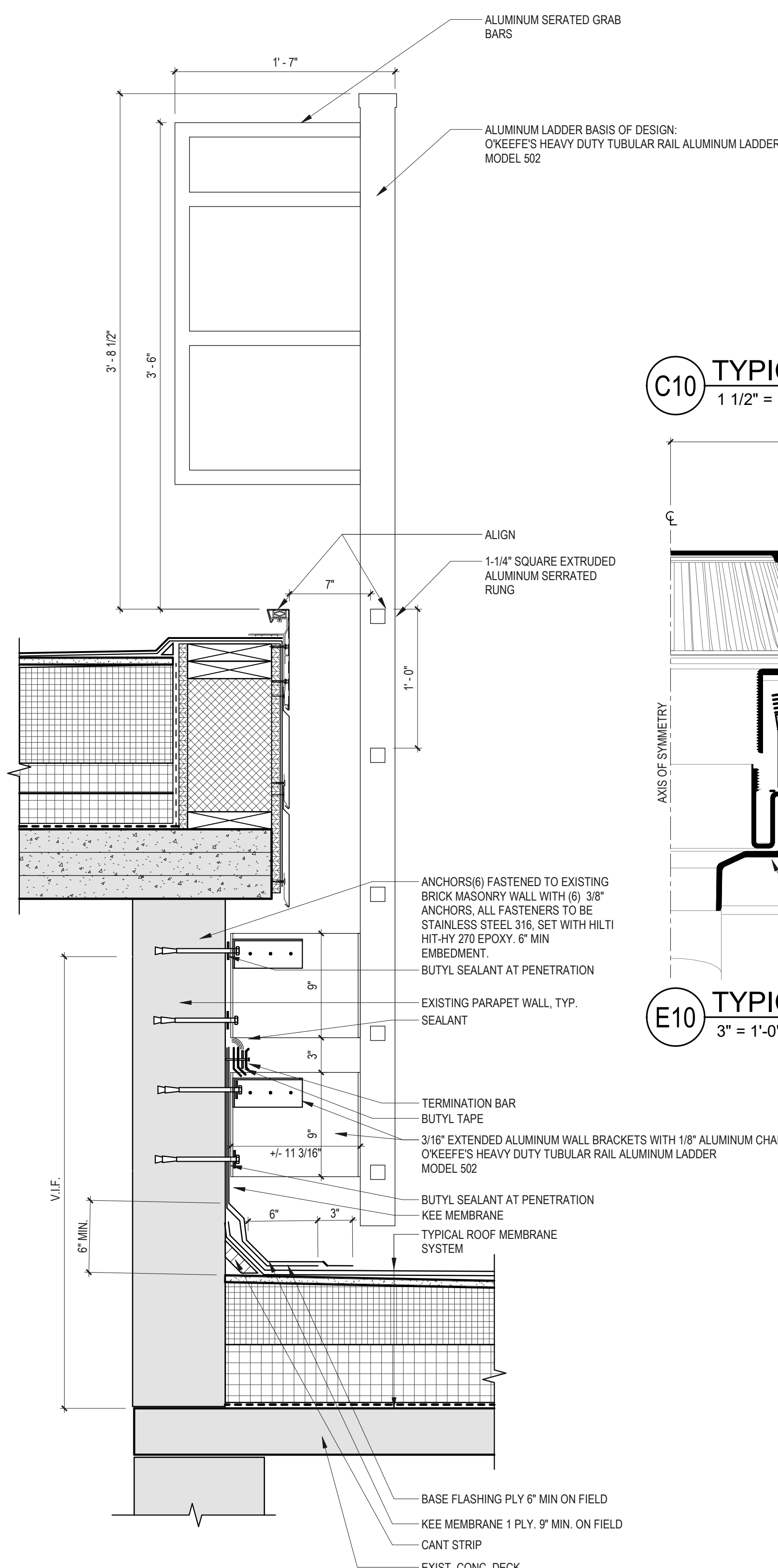
**K7 PITCH POCKET**  
1 1/2" = 1'-0"



**C10** TYPICAL EXHAUST VENT  
1 1/2" = 1'-0"



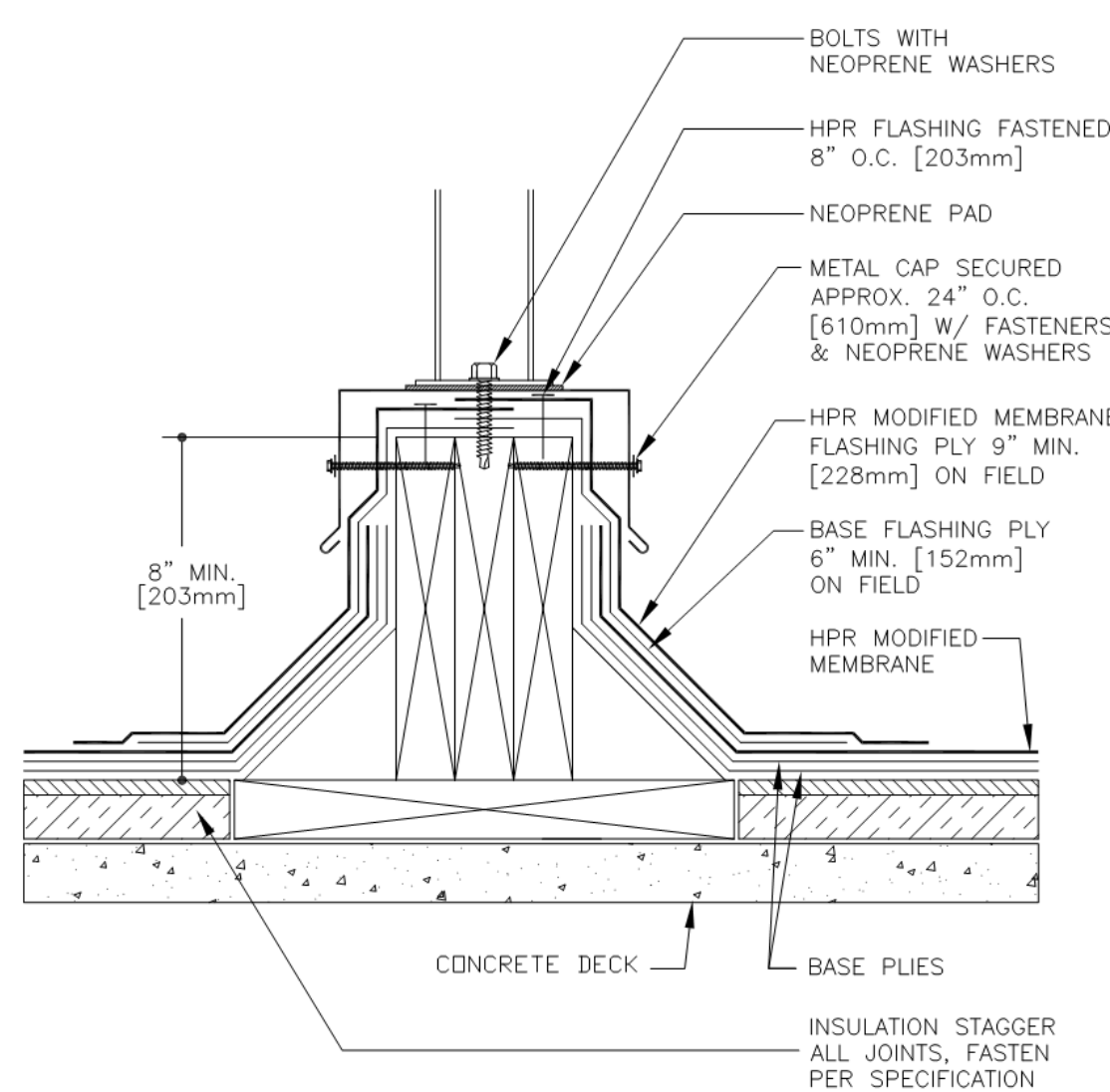
**E10** TYPICAL ROOF DRAIN  
3" = 1'-0"



EXIST. CONC. D

G12 WALL SECTION - ROOF LADDER

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



K12 SLEEPER DETAIL  
1 1/2" = 1'-0"









