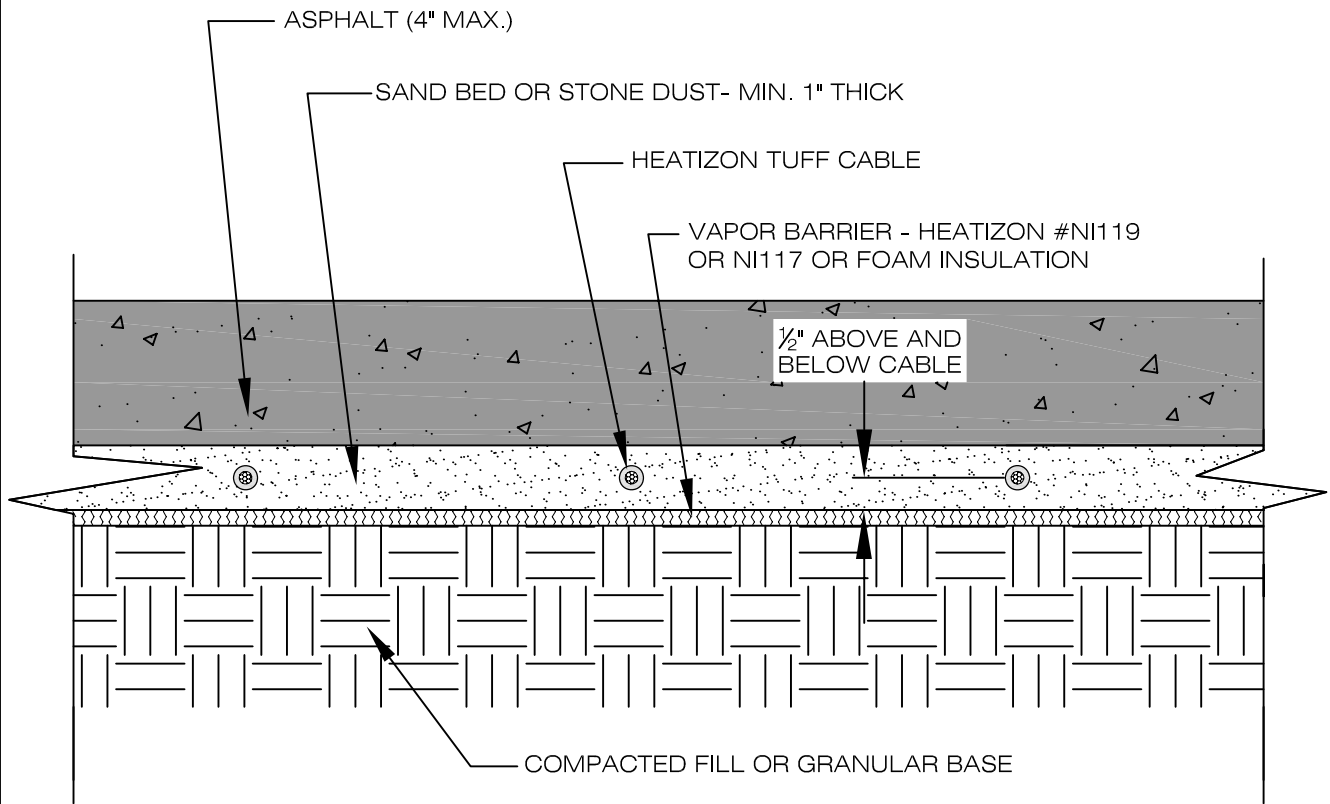


WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
IT'S INSULATOR IN ANY WAY



DRAWING NO.:

SM-2

HEATIZON TUFF CABLE ELEMENT UNDER ASPHALT

DRAWING BY:

RJB

DATE:

JAN, 2014

HEATIZON SYSTEMS

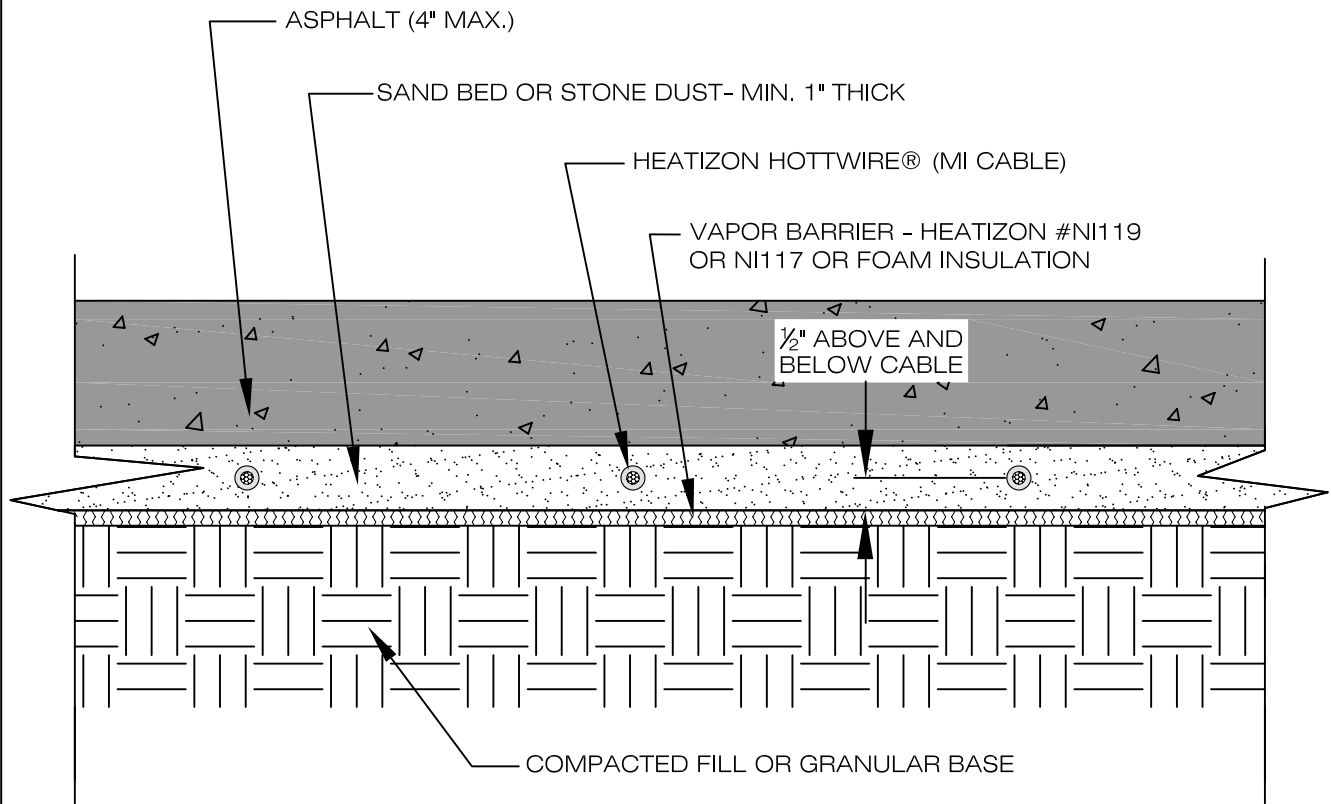
advanced floor heating/ snow and ice removal systems

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©2014

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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
IT'S INSULATOR IN ANY WAY



DRAWING NO.:

SM-2MI

HEATIZON HOTTWIRE® (MICABLE) ELEMENT UNDER ASPHALT

DRAWING BY:

JNL, ACI

DATE:

SEP. 2010

HEATIZON SYSTEMS

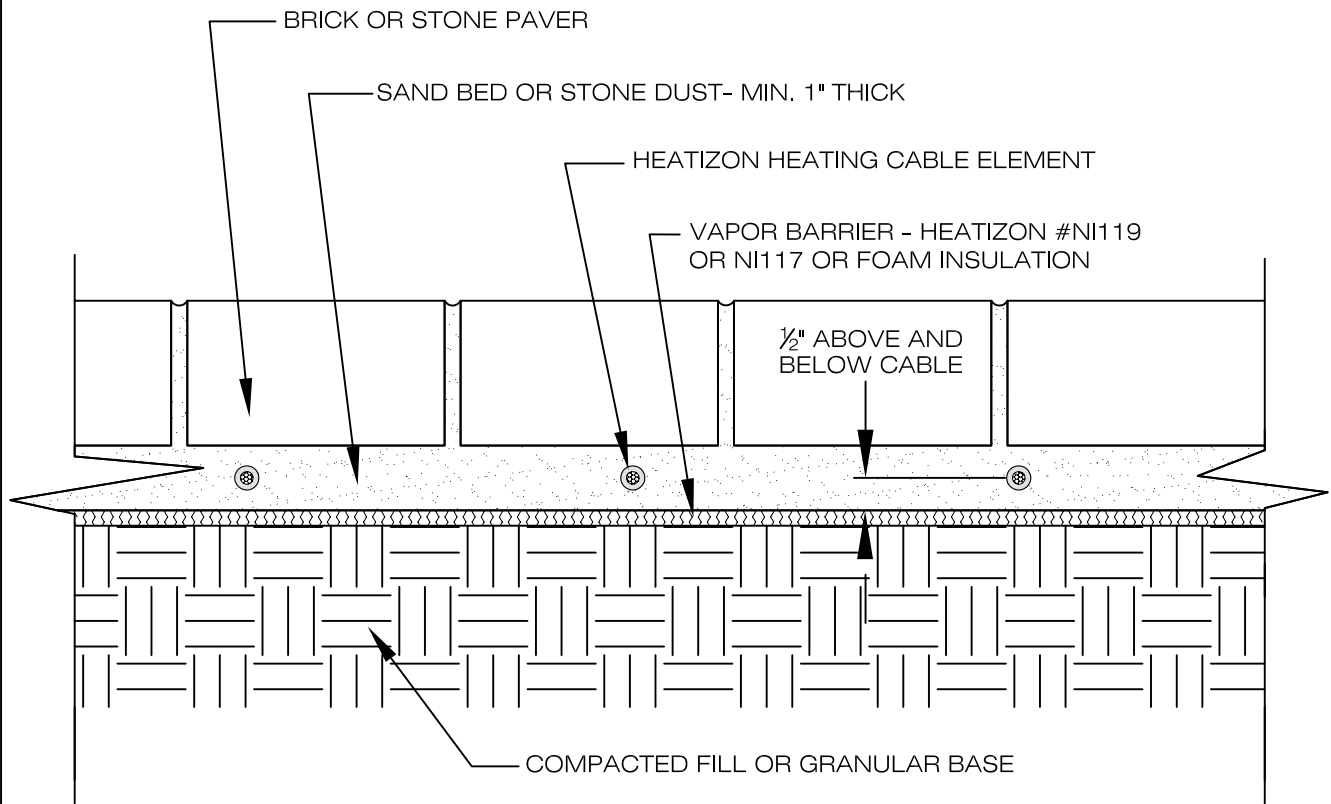
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©2010

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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
IT'S INSULATOR IN ANY WAY



DRAWING NO.:

SM-3

HEATIZON HEATING CABLE ELEMENT IN SAND BED UNDER PAVERS

DRAWING BY:

JNL, ACI

DATE:

NOV 2009

HEATIZON SYSTEMS

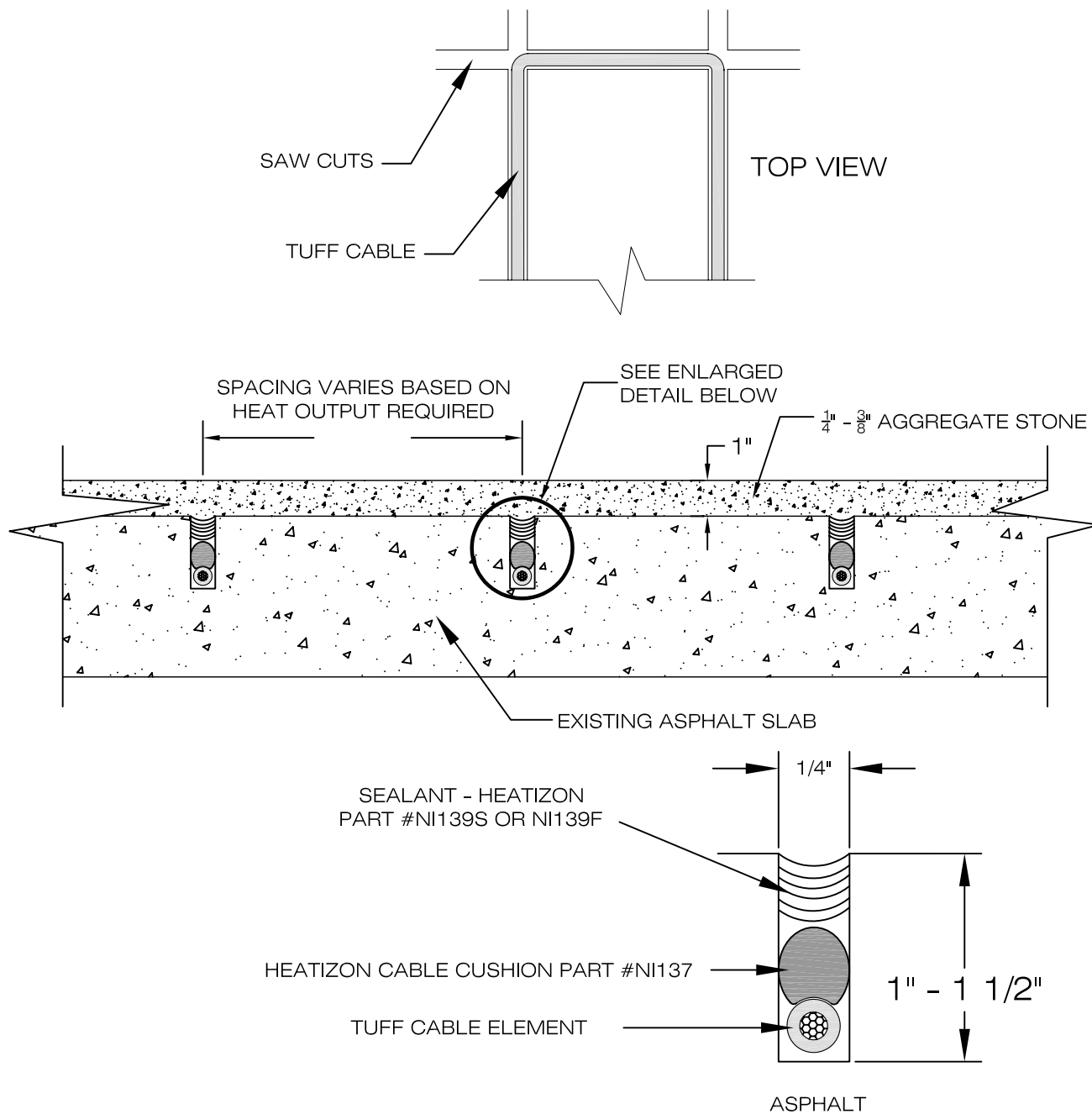
advanced floor heating/ snow and ice removal systems

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©2009

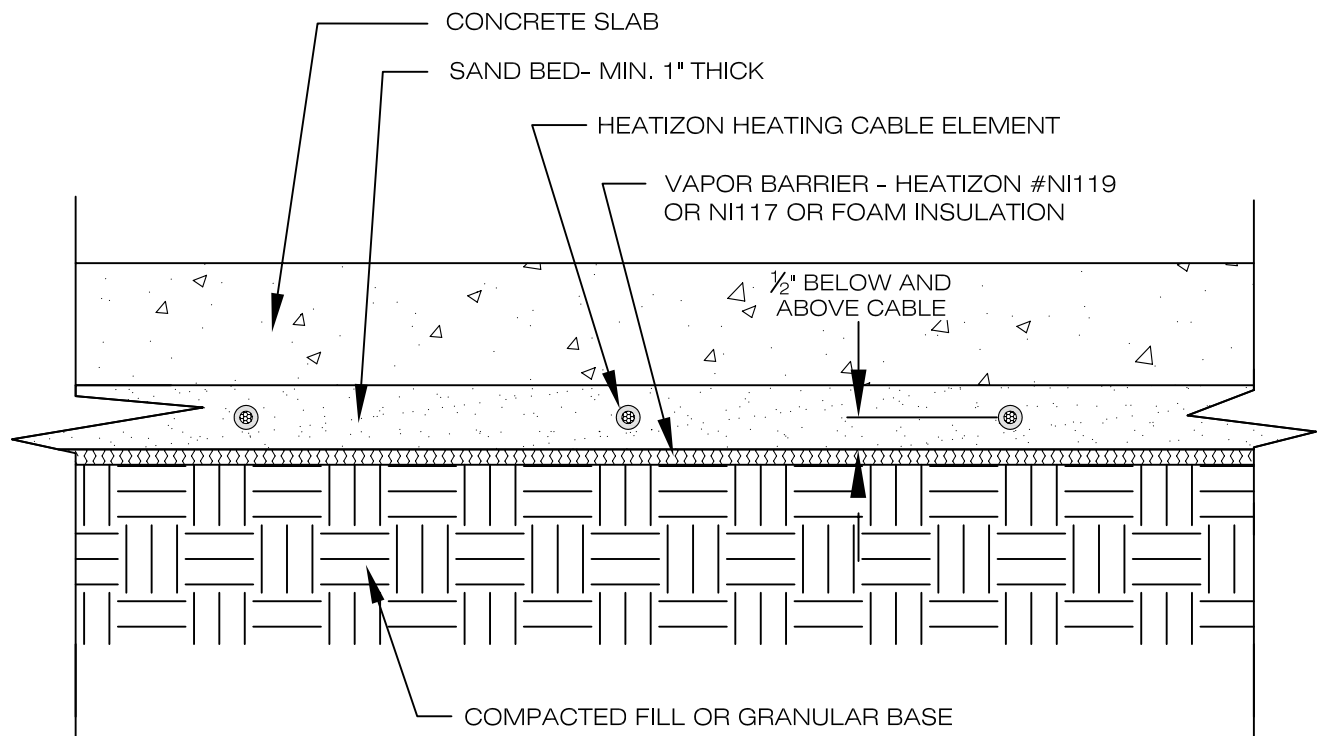
When installing Heatizon Systems products, strict compliance with the National Electrical Code, the Canadian Electrical Code, state and local buildings codes, and Heatizon Systems Design and Installation Manual is essential.

WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
IT'S INSULATOR IN ANY WAY



DRAWING NO.: SM-4R	 TUFF CABLE ELEMENT RETROFIT IN ASPHALT w/ AGGREGATE TOP COAT	DRAWING BY: ACI
		DATE: SEP 2010
<div>HEATIZON SYSTEMS</div> <div>advanced floor heating/ snow and ice removal systems</div> <div>4137 SOUTH 500 WEST, MURRAY, UTAH 84123 PH (801) 293-1232 FAX (801) 293-3077</div> <div>©2010</div>		
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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
IT'S INSULATOR IN ANY WAY



DRAWING NO.:

SM-5

HEATIZON HEATING CABLE ELEMENT IN SAND BED UNDER CONCRETE SLAB

DRAWING BY:

ACI

DATE:

NOV 2009

HEATIZON SYSTEMS

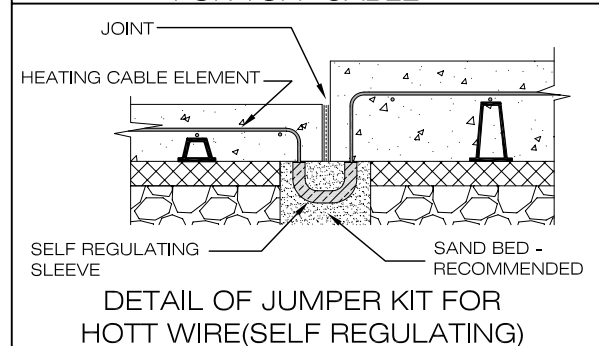
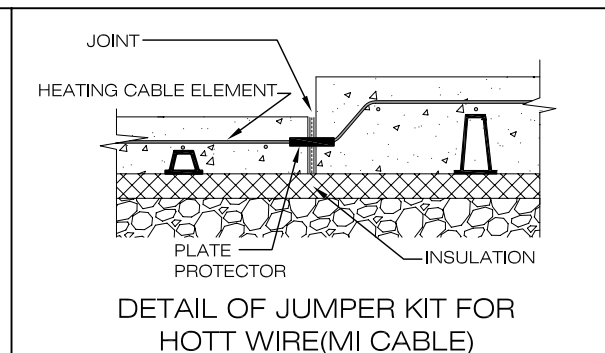
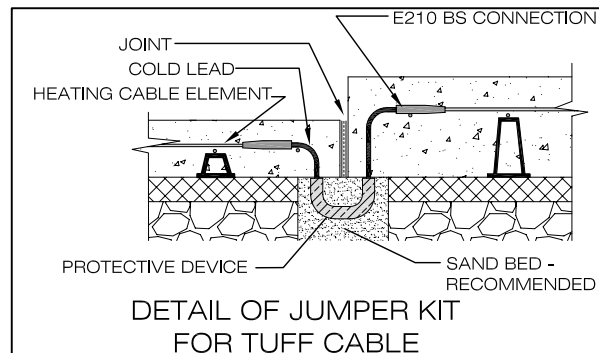
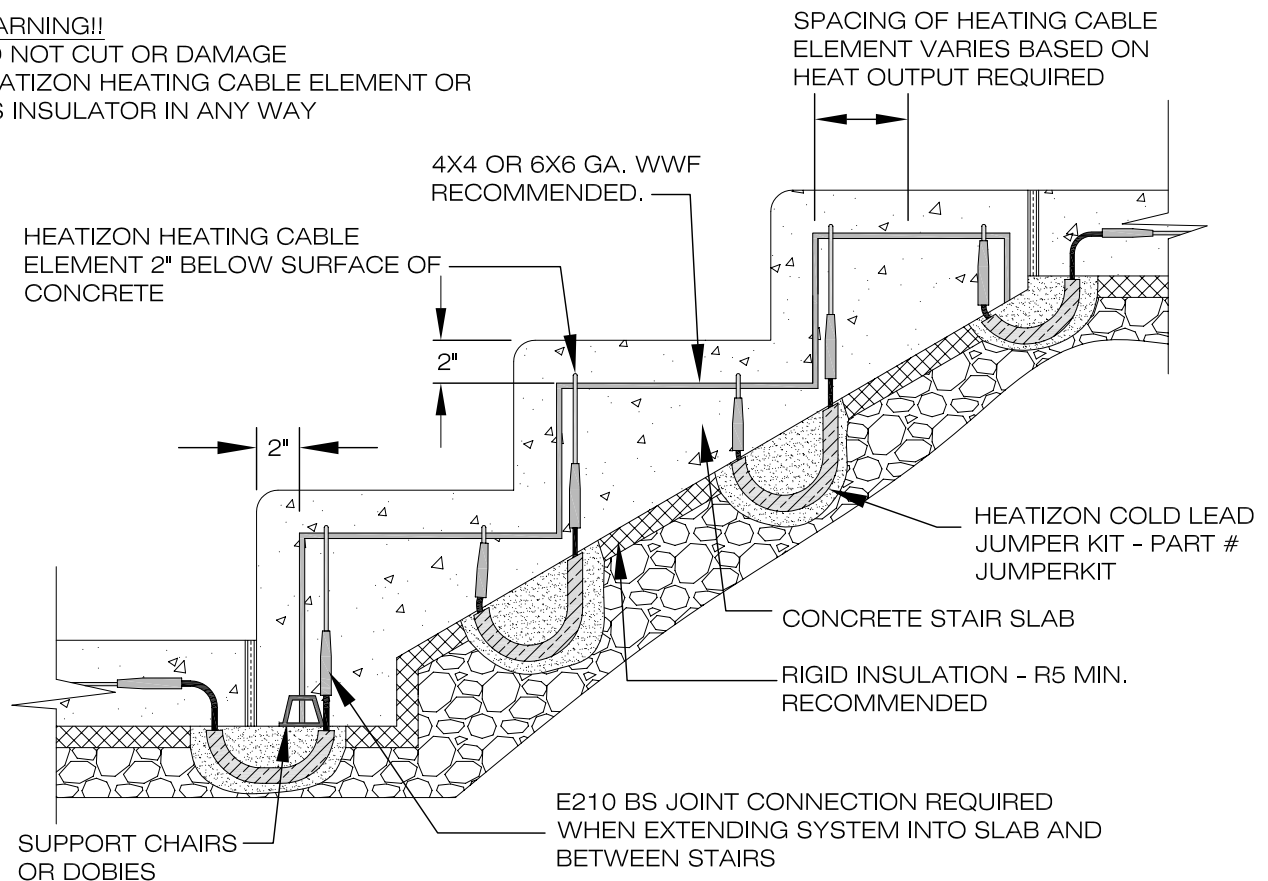
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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
IT'S INSULATOR IN ANY WAY



NOTE:
PROTECTIVE DEVICE IS TO PREVENT CONCRETE ENCASEMENT. PROTECTIVE DEVICE SHOULD NOT EXTEND INTO CONCRETE

SLABS w/ELEV. DIFFERENTIALS

DRAWING NO.:

SM-6

HEATIZON HEATING CABLE ELEMENT IN CONCRETE STAIR SLAB & SLABS w/ELEVATION DIFFERENTIALS

DRAWING BY:

ACI

DATE:

NOV 2009

HEATIZON SYSTEMS

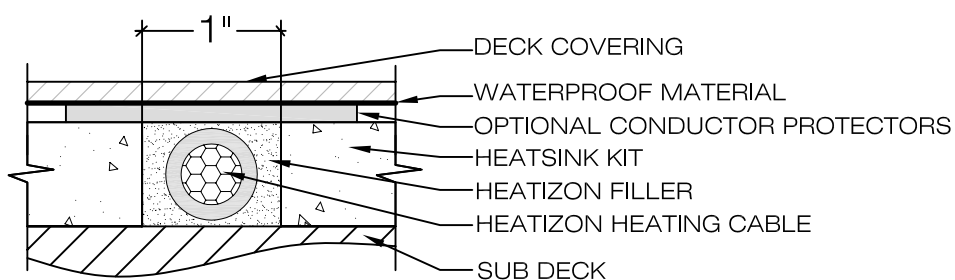
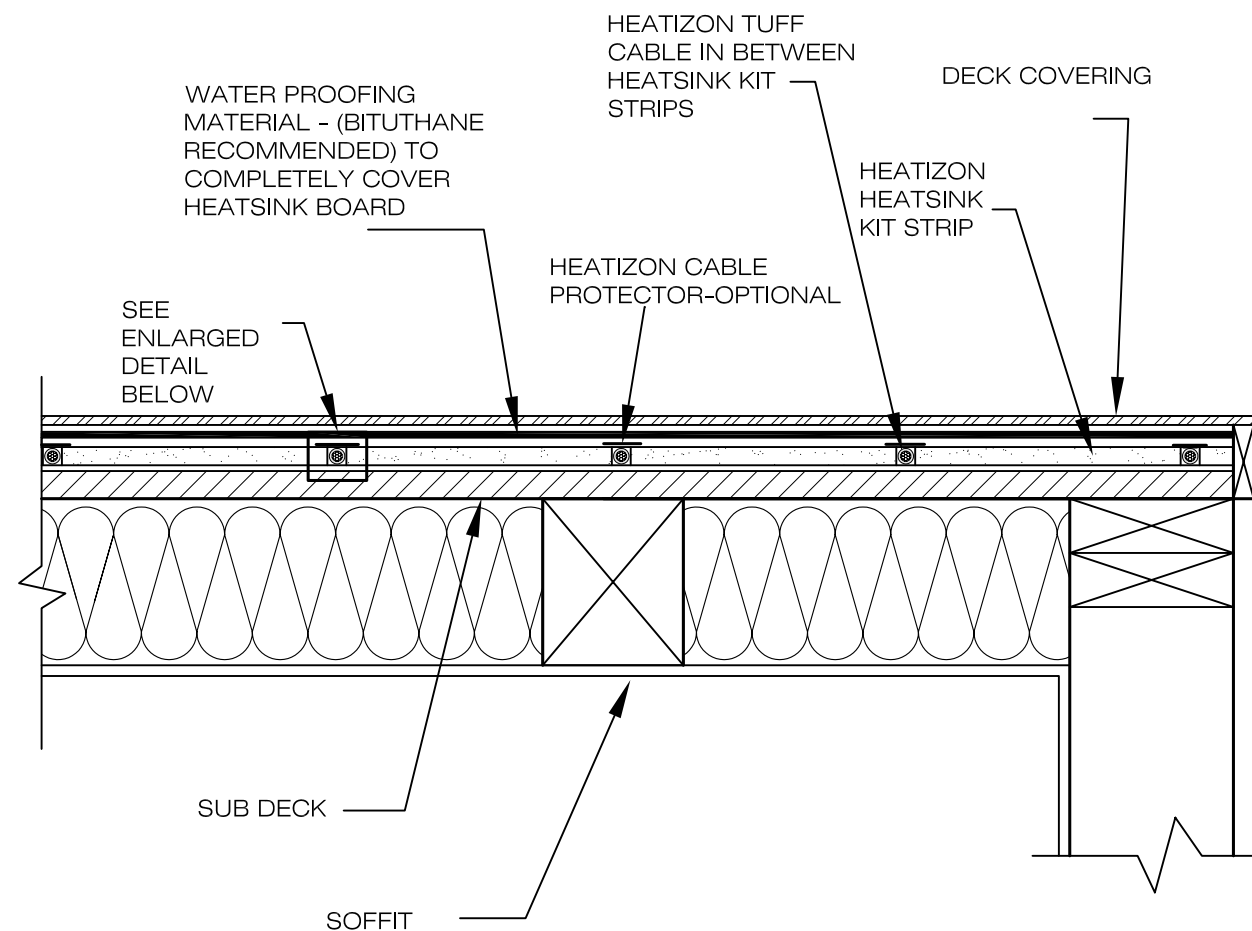
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WARNING!!
DO NOT CUT OR DAMAGE HEATIZON HEATING
CABLE ELEMENT OR IT'S INSULATOR IN ANY WAY



DETAIL
NOT TO SCALE

NOTE:
ALL ATTACHMENTS FOR
DECK SYSTEM OR OTHER
COMPONENTS SHOULD
BE MADE PRIOR TO
INSTALLATION OF
WATER-PROOFING
COVERING

DRAWING NO.:

SM-7

HEATIZON HEATING CABLE ELEMENT IN A HEATSINK KIT ON A DECK

DRAWING BY:

ACI

DATE:

NOV 2009

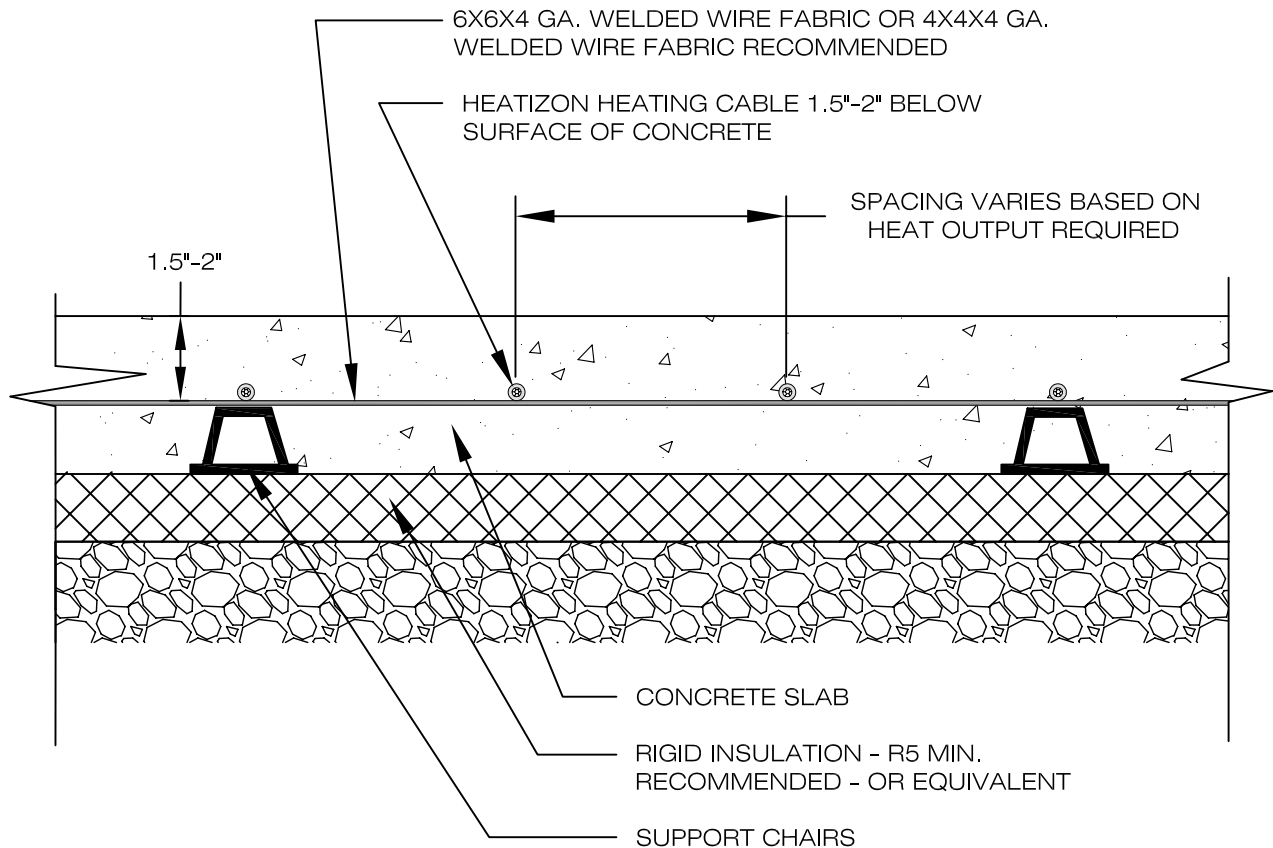
HEATIZON SYSTEMS

advanced floor heating/ snow and ice removal systems

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©2009

WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE OR
IT'S INSULATOR IN ANY WAY



NOTE:
HEATIZON HEATING CABLE SHALL NOT EXTEND THROUGH
EXPANSION, CONTROL OR ANY OTHER JOINTS. "JUMPER" TO
BE USED AT ALL JOINTS. SEE HEATIZON DRAWING NO. SM-9M
FOR DETAILS.

DRAWING NO.:

SM-9

HEATIZON HEATING CABLE IN CONCRETE

DRAWING BY:

ACI

DATE:

NOV 2009

HEATIZON SYSTEMS

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©2009

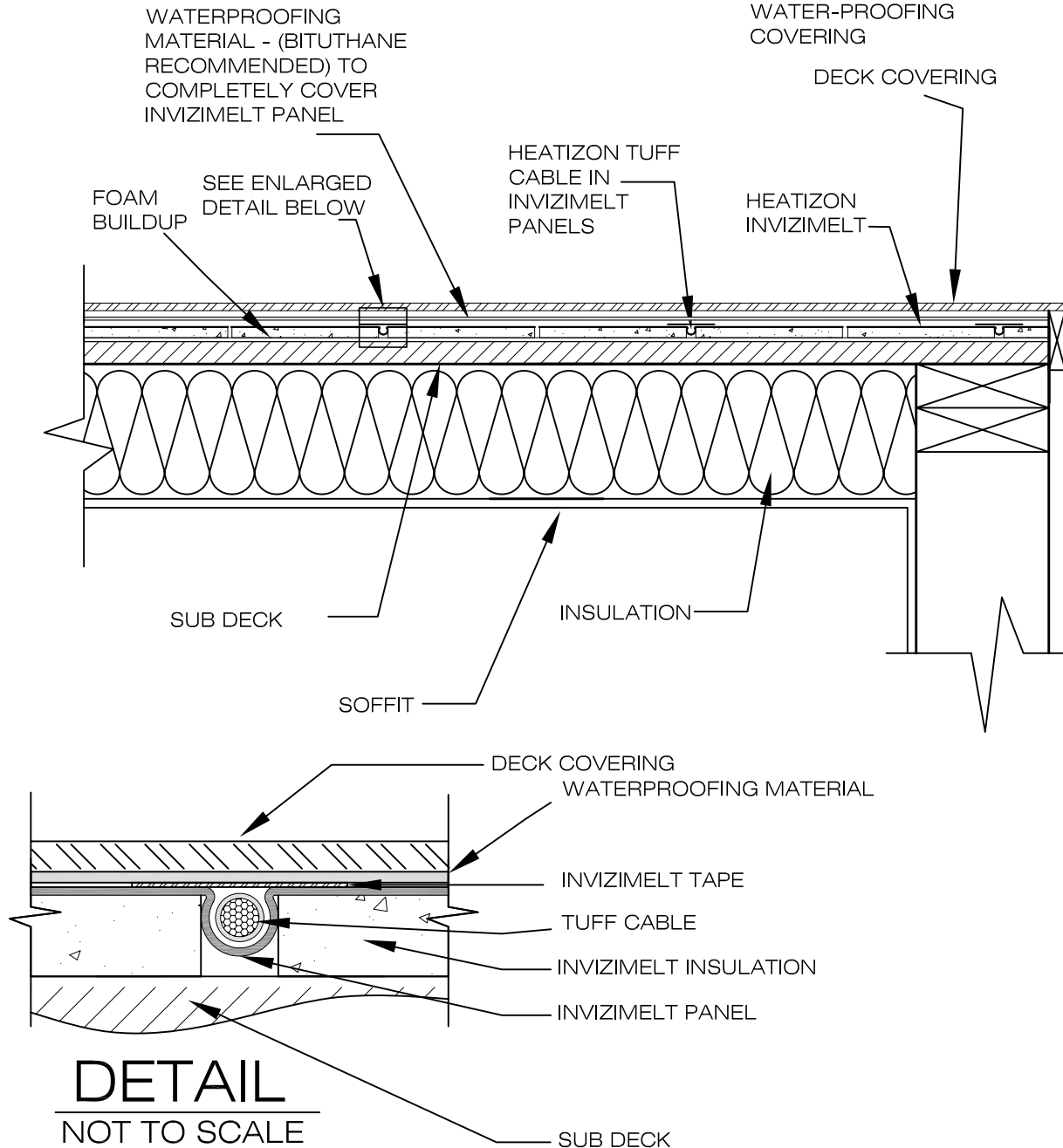
When installing Heatizon Systems products, strict compliance with the National Electrical Code, the Canadian Electrical Code, state and local buildings codes, and Heatizon Systems Design and Installation Manual is essential.

WARNING!!

DO NOT CUT OR DAMAGE HEATIZON TUFF CABLE OR IT'S INSULATOR IN ANY WAY

NOTE:

ALL ATTACHMENTS FOR DECK SYSTEM OR OTHER COMPONENTS SHOULD BE MADE PRIOR TO INSTALLATION OF WATER-PROOFING COVERING



DRAWING NO.:

SM-7A

**HEATIZON TUFF CABLE IN
INVIZIMELT PANEL ON A DECK**

DRAWING BY:

RJB

DATE:

MAR 2013

HEATIZON SYSTEMS

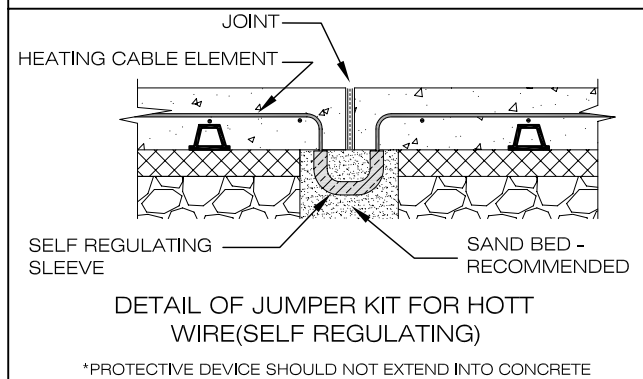
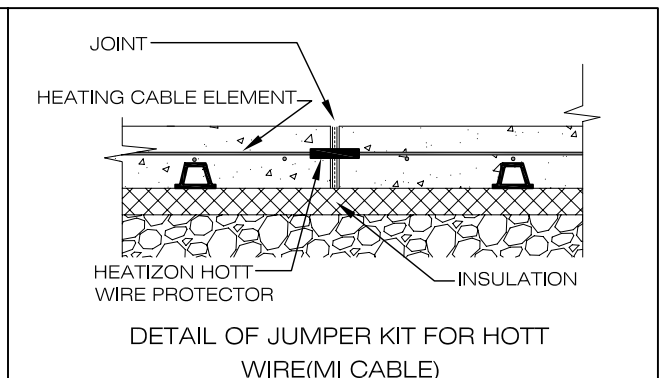
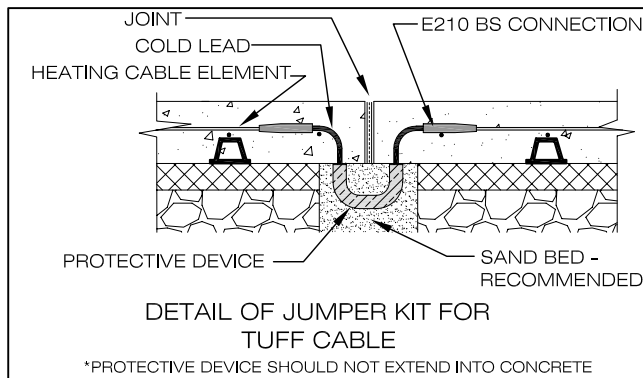
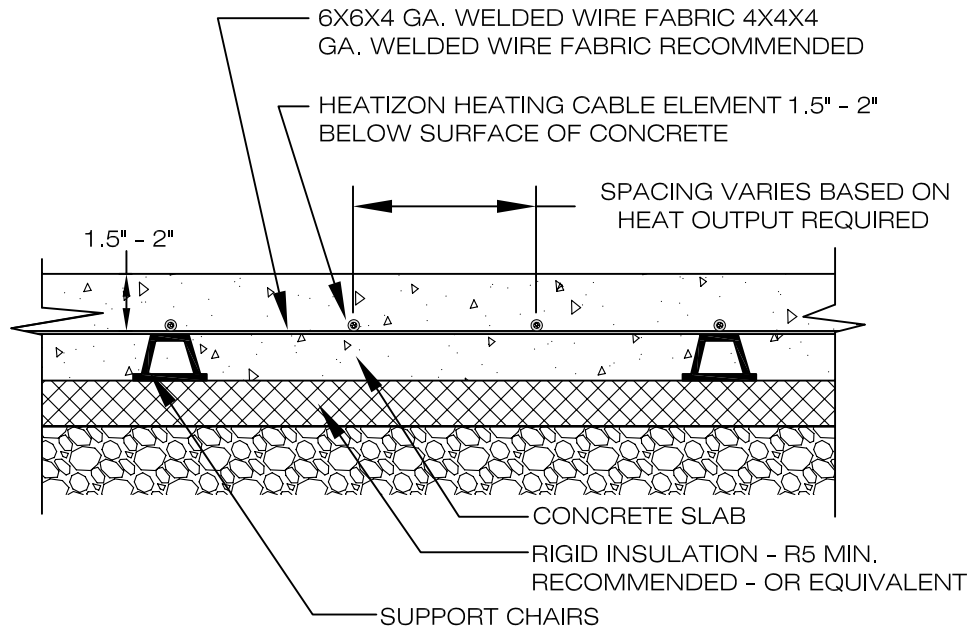
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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
IT'S INSULATOR IN ANY WAY

NOTE:
HEATIZON HEATING CABLE ELEMENT SHALL
NOT EXTEND THROUGH EXPANSION,
CONTROL OR ANY OTHER JOINTS. "JUMPER"
TO BE USED AT ALL JOINTS.



NOTE:
PROTECTIVE DEVICE IS TO
PREVENT CONCRETE
ENCASEMENT.

**SLABS w/ELEV.
DIFFERENTIALS**

DRAWING NO.:
SM-9M

HEATIZON HEATING CABLE ELEMENT IN CONCRETE & JOINT DETAIL

DRAWING BY:
ACI

DATE:
NOV 2009

HEATIZON SYSTEMS

advanced floor heating/ snow and ice removal systems

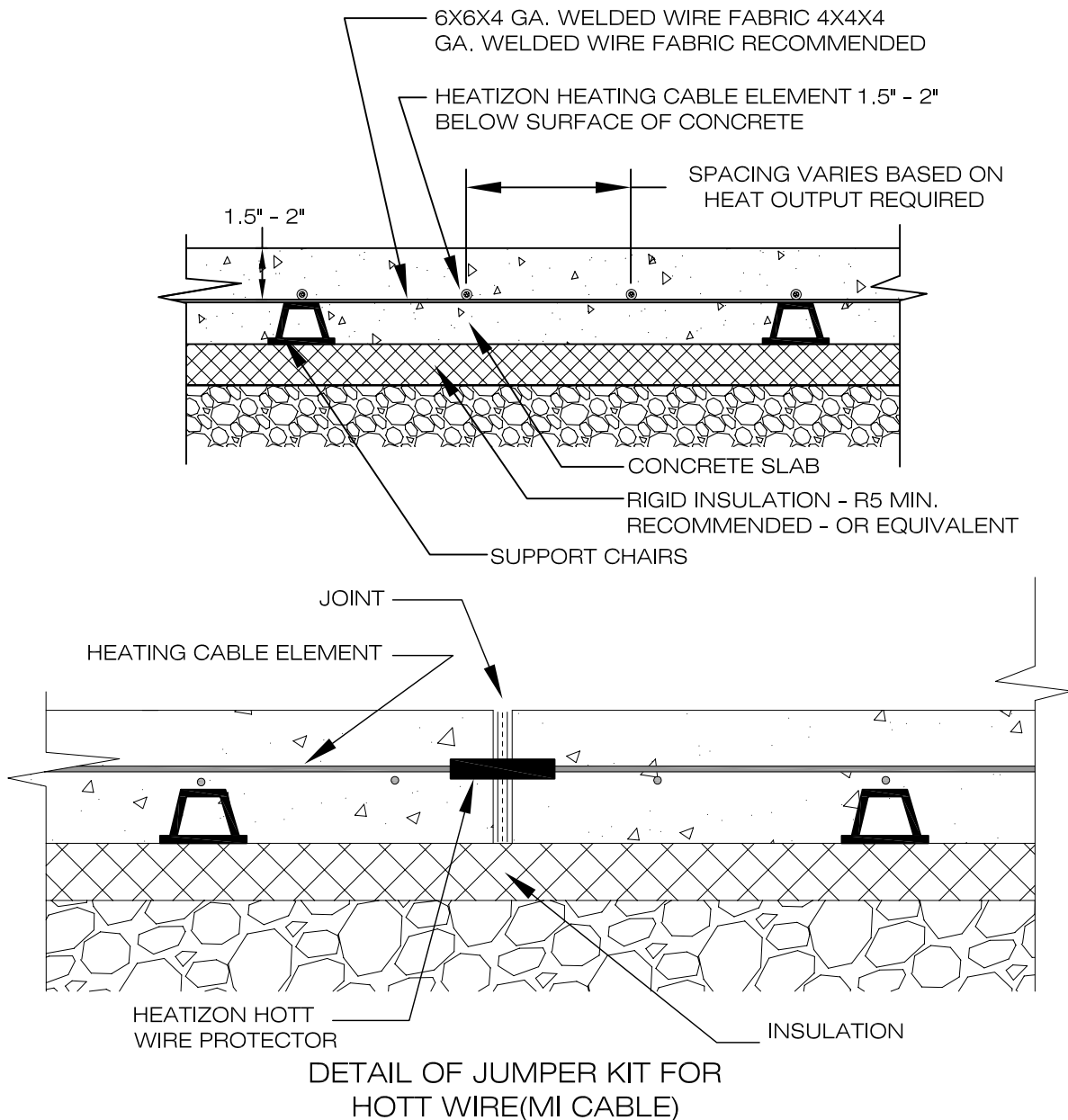
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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
IT'S INSULATOR IN ANY WAY

NOTE:
HEATIZON HEATING CABLE ELEMENT
SHALL NOT EXTEND THROUGH
EXPANSION, CONTROL OR ANY
OTHER JOINTS. "JUMPER" TO BE
USED AT ALL JOINTS.

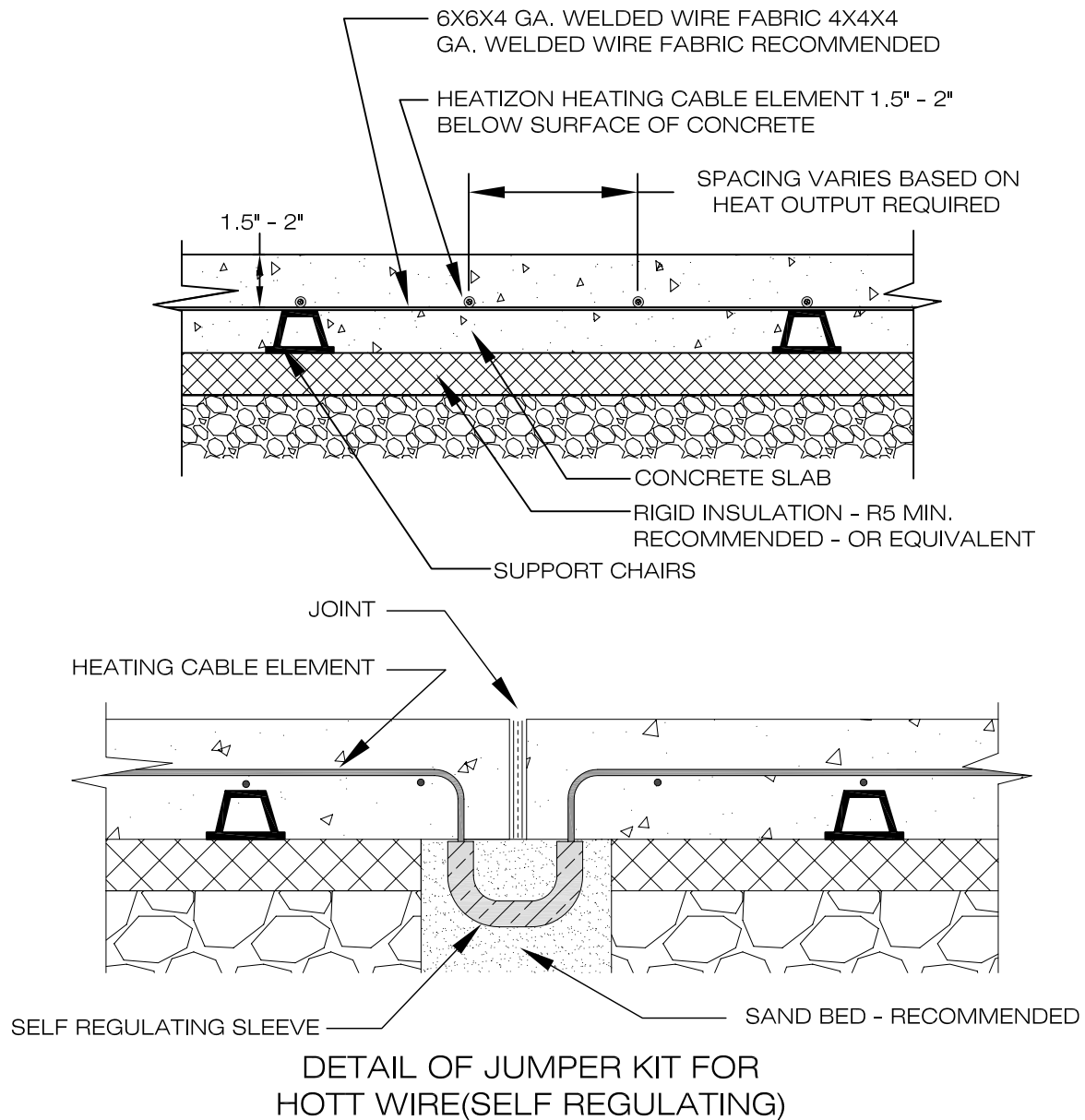


NOTE:
PROTECTIVE DEVICE IS TO PREVENT CONCRETE ENCASEMENT.

DRAWING NO.: SM-9MI	<div>HEATIZON HOTT WIRE(MI CABLE) IN CONCRETE & JOINT DETAIL</div>	DRAWING BY: ACI
		DATE: NOV 2009
<div>HEATIZON SYSTEMS</div> <div>advanced floor heating/ snow and ice removal systems</div> <div>4137 SOUTH 500 WEST, MURRAY, UTAH 84123 PH (801) 293-1232 FAX (801) 293-3077</div> <div>©2009</div>		
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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
IT'S INSULATOR IN ANY WAY

NOTE:
HEATIZON HEATING CABLE ELEMENT
SHALL NOT EXTEND THROUGH
EXPANSION, CONTROL OR ANY
OTHER JOINTS. "JUMPER" TO BE
USED AT ALL JOINTS.



NOTE:
PROTECTIVE DEVICE IS TO PREVENT CONCRETE ENCASEMENT.
PROTECTIVE DEVICE SHOULD NOT EXTEND INTO CONCRETE

DRAWING NO.: SM-9SR	HEATIZON HOTT WIRE(SELF REGULATING) IN CONCRETE & JOINT DETAIL	DRAWING BY: ACI DATE: NOV 2009
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HEATIZON SYSTEMS

advanced floor heating/ snow and ice removal systems

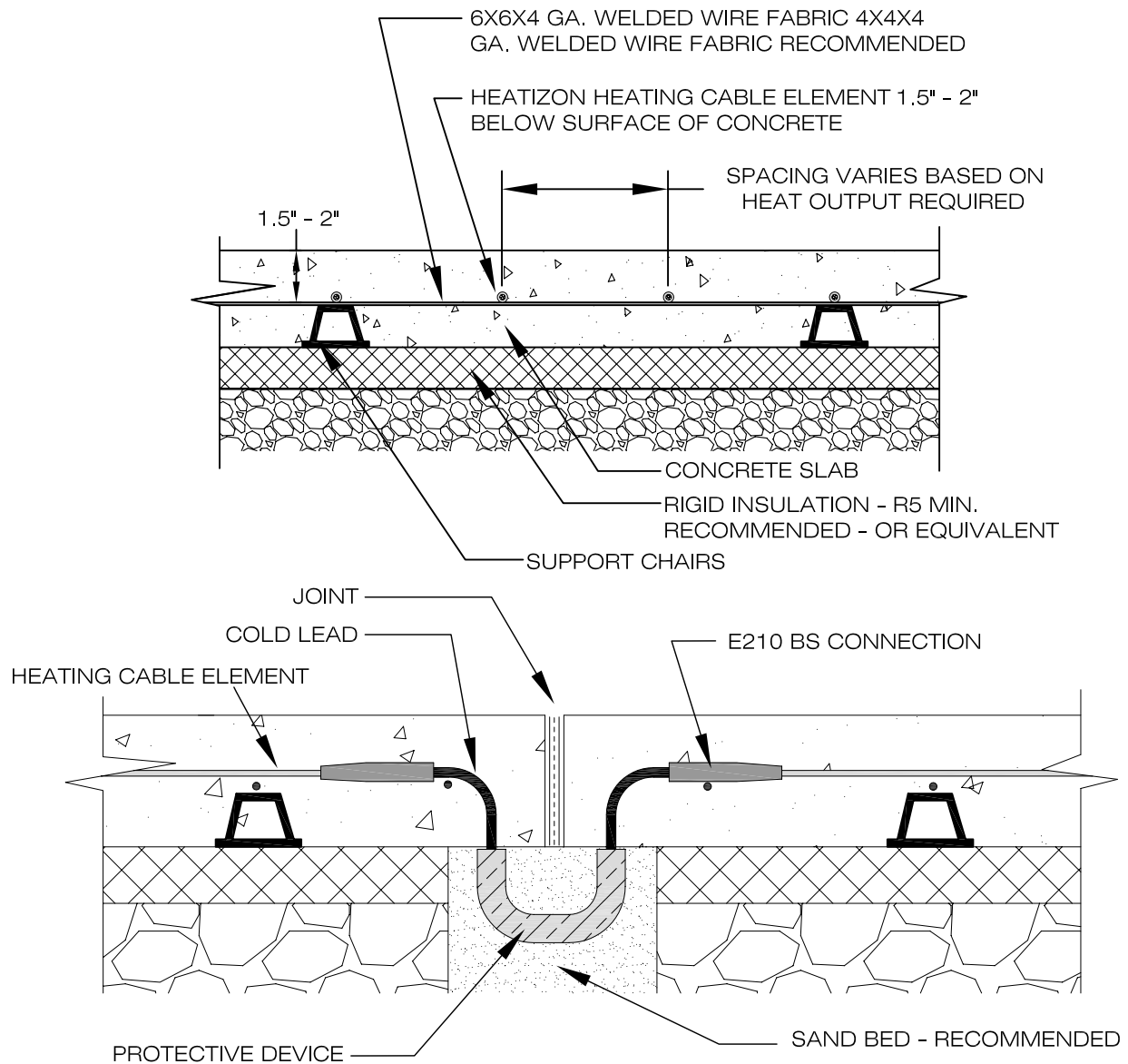
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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
IT'S INSULATOR IN ANY WAY

NOTE:
HEATIZON HEATING CABLE ELEMENT
SHALL NOT EXTEND THROUGH
EXPANSION, CONTROL OR ANY
OTHER JOINTS. "JUMPER" TO BE
USED AT ALL JOINTS.



**DETAIL OF JUMPER KIT
FOR TUFF CABLE**

NOTE:
PROTECTIVE DEVICE IS TO PREVENT CONCRETE ENCASEMENT.
PROTECTIVE DEVICE SHOULD NOT EXTEND INTO CONCRETE

DRAWING NO.:

SM-9T

HEATIZON TUFF CABLE IN CONCRETE & JOINT DETAIL

DRAWING BY:
ACI

DATE:
NOV 2009

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©2009

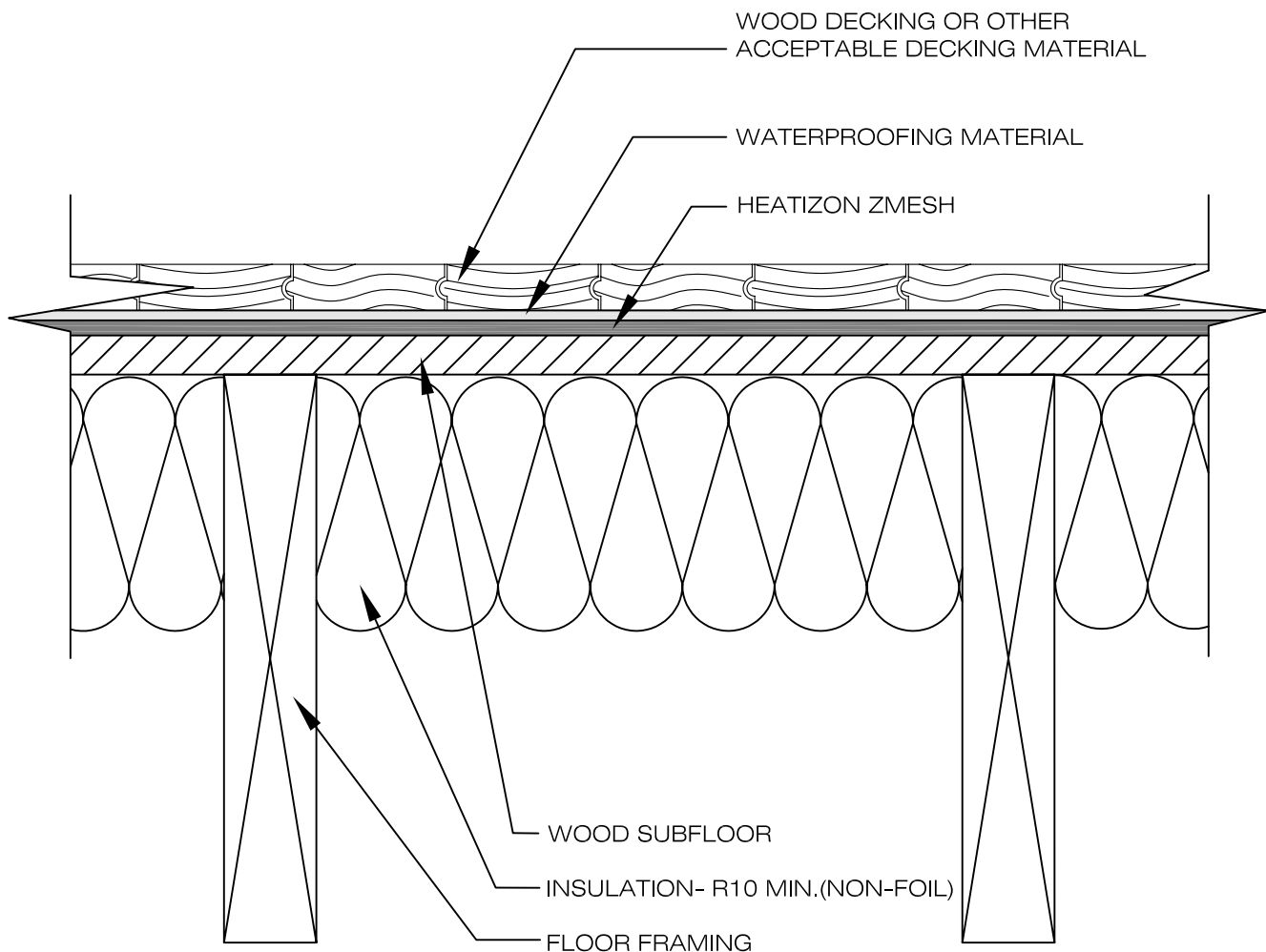
When installing Heatizon Systems products, strict compliance with the National Electrical Code, the Canadian Electrical Code, state and local buildings codes, and Heatizon Systems Design and Installation Manual is essential.

WARNING!!

DO NOT CUT OR DAMAGE ZMESH. DO NOT ALLOW ZMESH TO COME INTO CONTACT WITH ANY OTHER ELECTRICALLY CONDUCTIVE MATERIAL. DO NOT FASTEN THROUGH ANY ELECTRICALLY CONDUCTIVE MATERIAL AND ZMESH SIMULTANEOUSLY.

NOTE:

HEATIZON SYSTEMS RECOMMENDS THAT THE RADIANT FLOORING GUIDE, PUBLISHED BY THE RADIANT PANEL ASSOCIATION BE CONSULTED PRIOR TO SELECTING FLOOR COVERINGS. IN ADDITION, ALWAYS CONSULT YOUR FLOOR COVERING SUPPLIER ABOUT THE SUITABILITY OF FLOOR COVERINGS FOR INSTALLATION OVER IN-FLOOR RADIANT HEATING PRODUCTS.



DRAWING NO.:

SM-10

**ZMESH UNDER WOOD DECKING ON
WOOD SUBFLOOR**

DRAWING BY:

ACI

DATE:

NOV 2010

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©2010

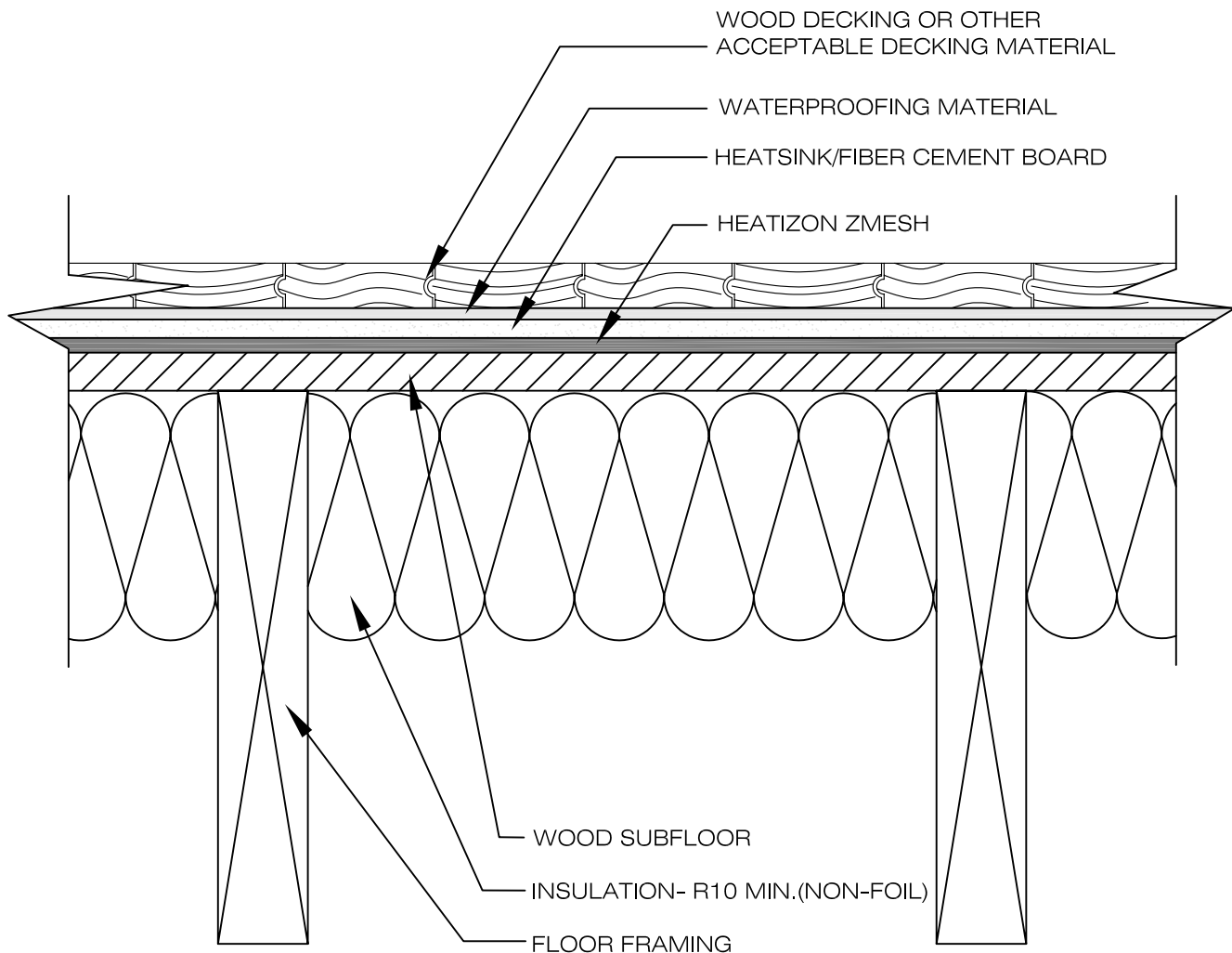
When installing Heatizon Systems products, strict compliance with the National Electrical Code, the Canadian Electrical Code, state and local buildings codes, and Heatizon Systems Design and Installation Manual is essential.

WARNING!!

DO NOT CUT OR DAMAGE ZMESH. DO NOT ALLOW ZMESH TO COME INTO CONTACT WITH ANY OTHER ELECTRICALLY CONDUCTIVE MATERIAL. DO NOT FASTEN THROUGH ANY ELECTRICALLY CONDUCTIVE MATERIAL AND ZMESH SIMULTANEOUSLY.

NOTE:

HEATIZON SYSTEMS RECOMMENDS THAT THE RADIANT FLOORING GUIDE, PUBLISHED BY THE RADIANT PANEL ASSOCIATION BE CONSULTED PRIOR TO SELECTING FLOOR COVERINGS. IN ADDITION, ALWAYS CONSULT YOUR FLOOR COVERING SUPPLIER ABOUT THE SUITABILITY OF FLOOR COVERINGS FOR INSTALLATION OVER IN-FLOOR RADIANT HEATING PRODUCTS.



DRAWING NO.:

SM-11

**ZMESH UNDER WOOD DECKING ON
WOOD SUBFLOOR w/ HEATSINK**

DRAWING BY:

ACI

DATE:

NOV 2010

HEATIZON SYSTEMS

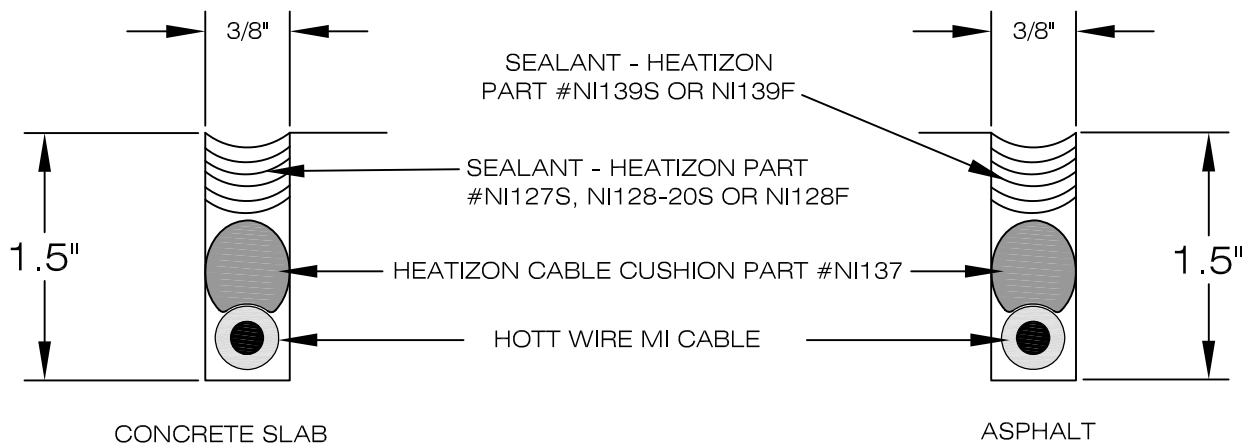
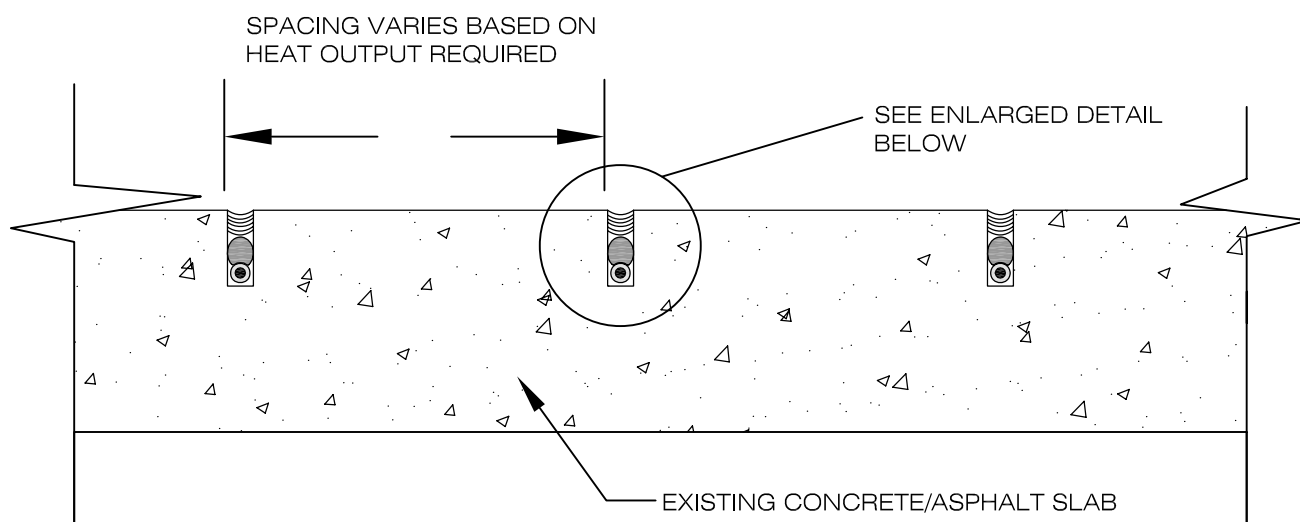
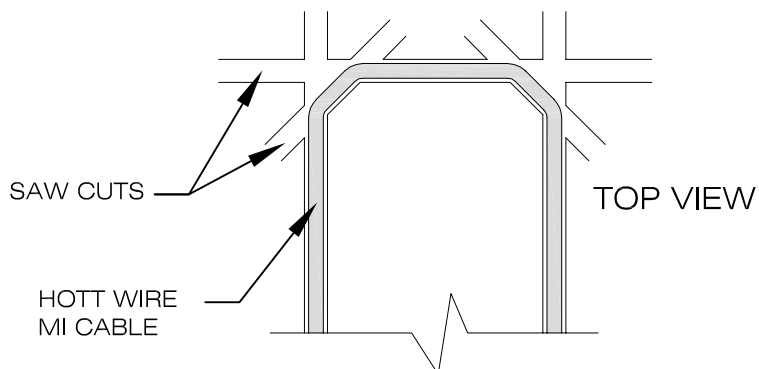
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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
ITS INSULATOR IN ANY WAY



DRAWING NO.:
SM-13H

HOTT WIRE MI CABLE RETROFIT IN CONCRETE OR ASPHALT

DRAWING BY:
RJB
DATE:
JUNE 2013

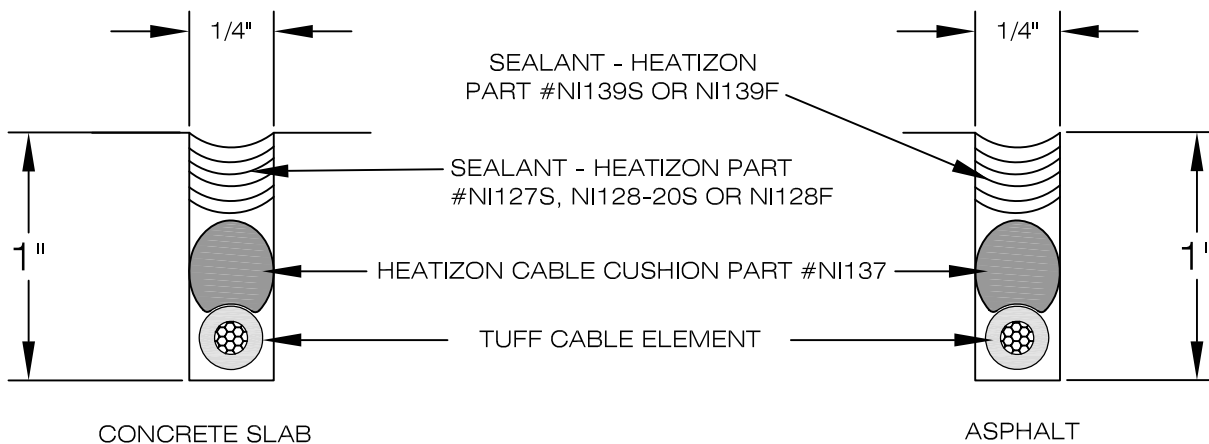
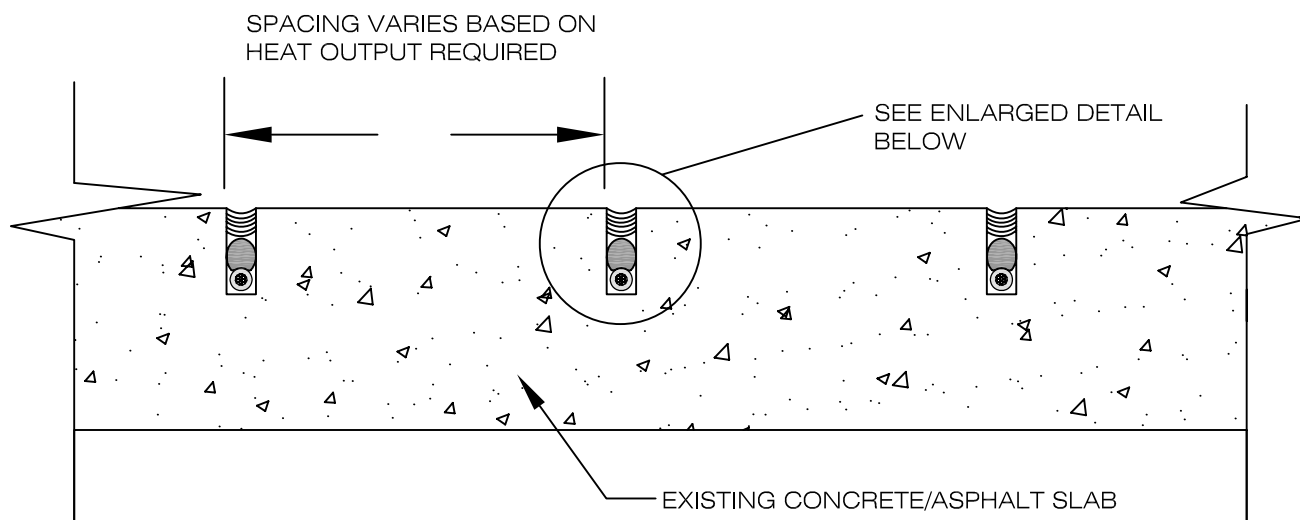
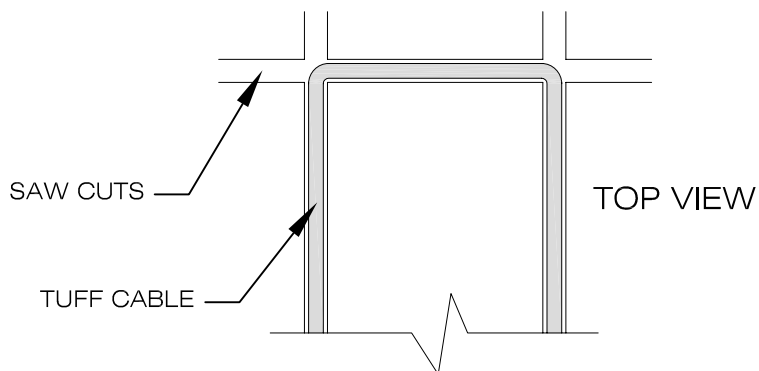
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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
ITS INSULATOR IN ANY WAY



DRAWING NO.:

SM-13

TUFF CABLE ELEMENT RETROFIT IN CONCRETE OR ASPHALT

DRAWING BY:

RJB

DATE:

JUNE 2013

HEATIZON SYSTEMS

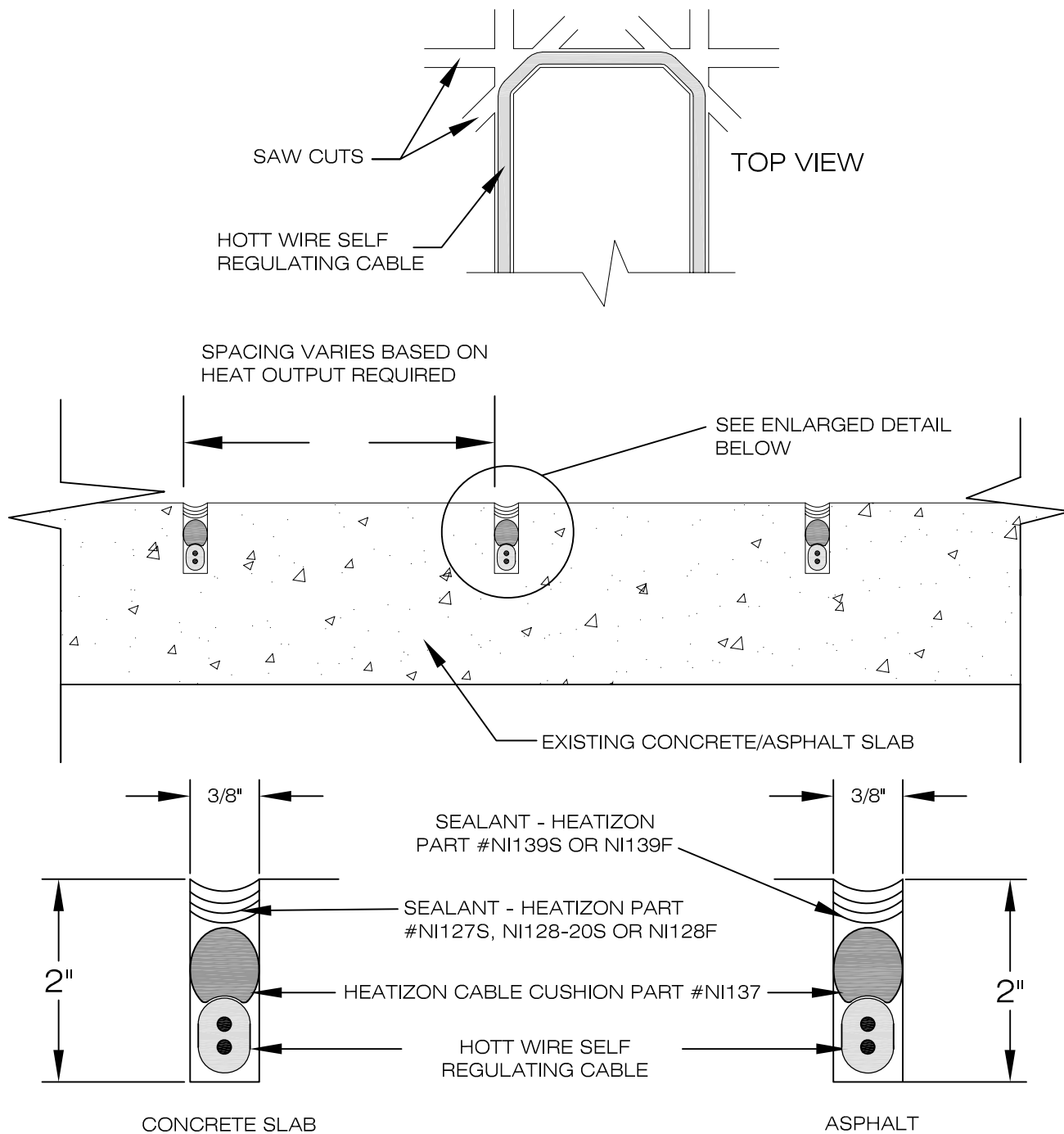
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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
ITS INSULATOR IN ANY WAY



DRAWING NO.:
SM-13HS

HOTT WIRE SELF REGULATING CABLE RETROFIT IN CONCRETE OR ASPHALT

DRAWING BY:
RJB

DATE:
JUNE 2013

HEATIZON SYSTEMS

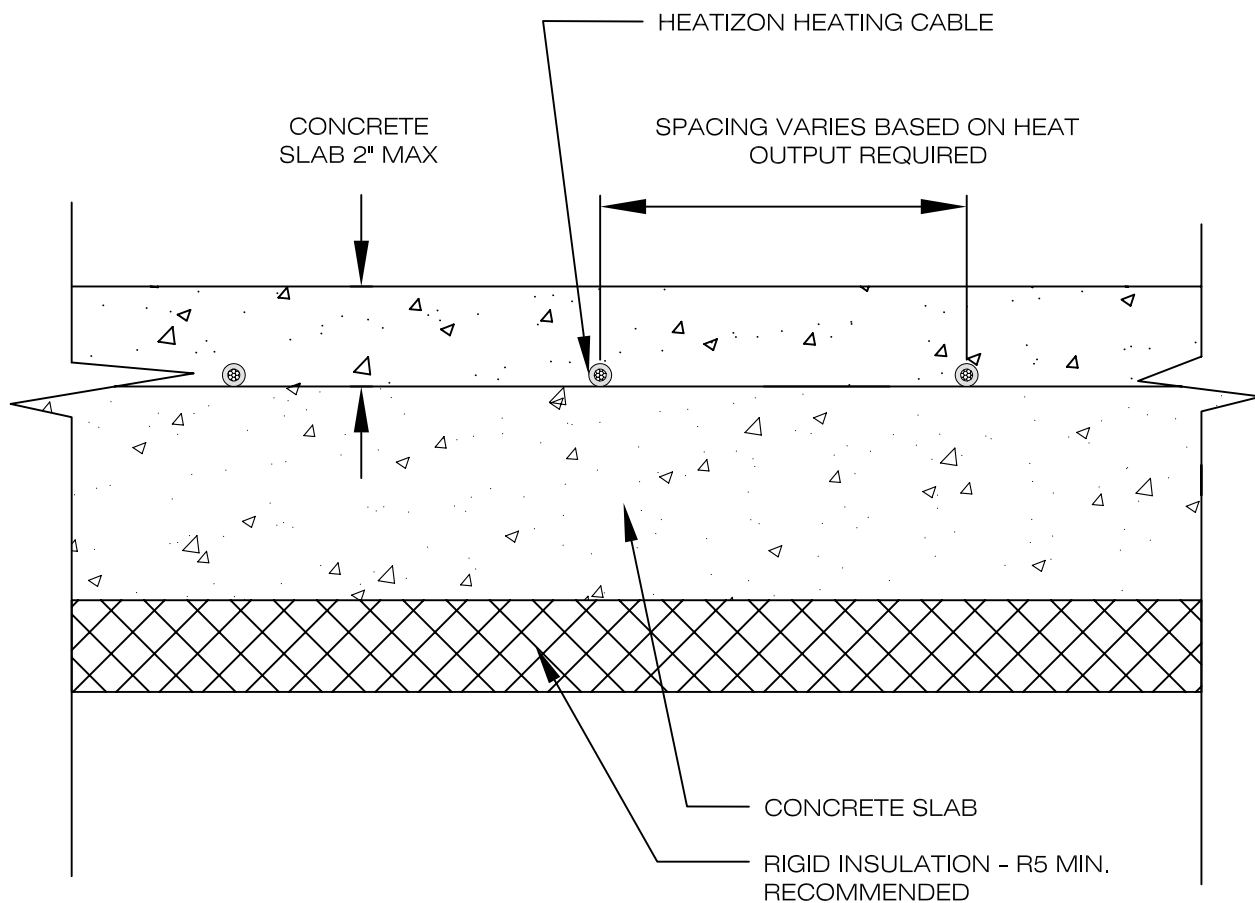
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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE
ELEMENT OR ITS INSULATOR
IN ANY WAY



DRAWING NO.:
SM-22

**HEATIZON HEATING CABLE ELEMENT IN
CONCRETE ON CONCRETE SLAB**

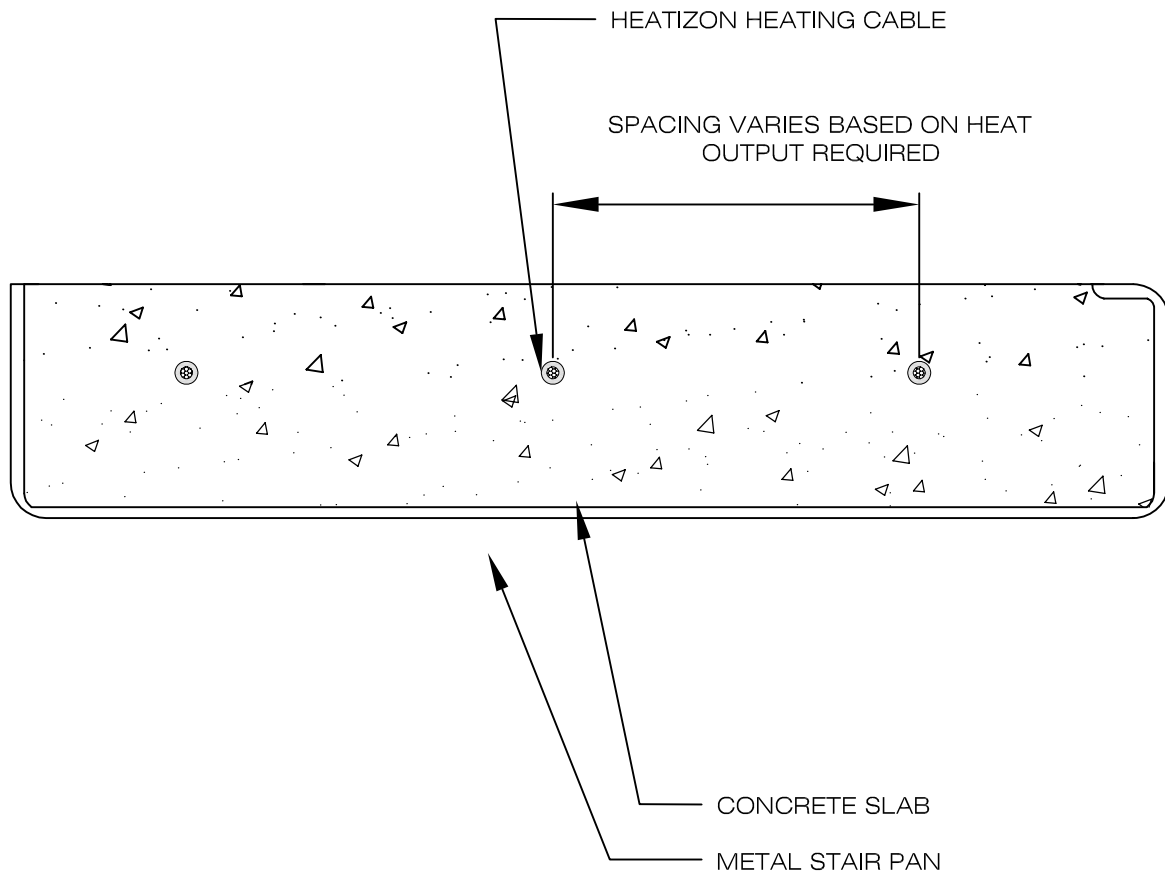
DRAWING BY:
ACI
DATE:
NOV 2009

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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE
ELEMENT OR ITS INSULATOR
IN ANY WAY



DRAWING NO.:
SM-22A

HEATIZON HEATING CABLE ELEMENT IN CONCRETE IN METAL STAIR PAN

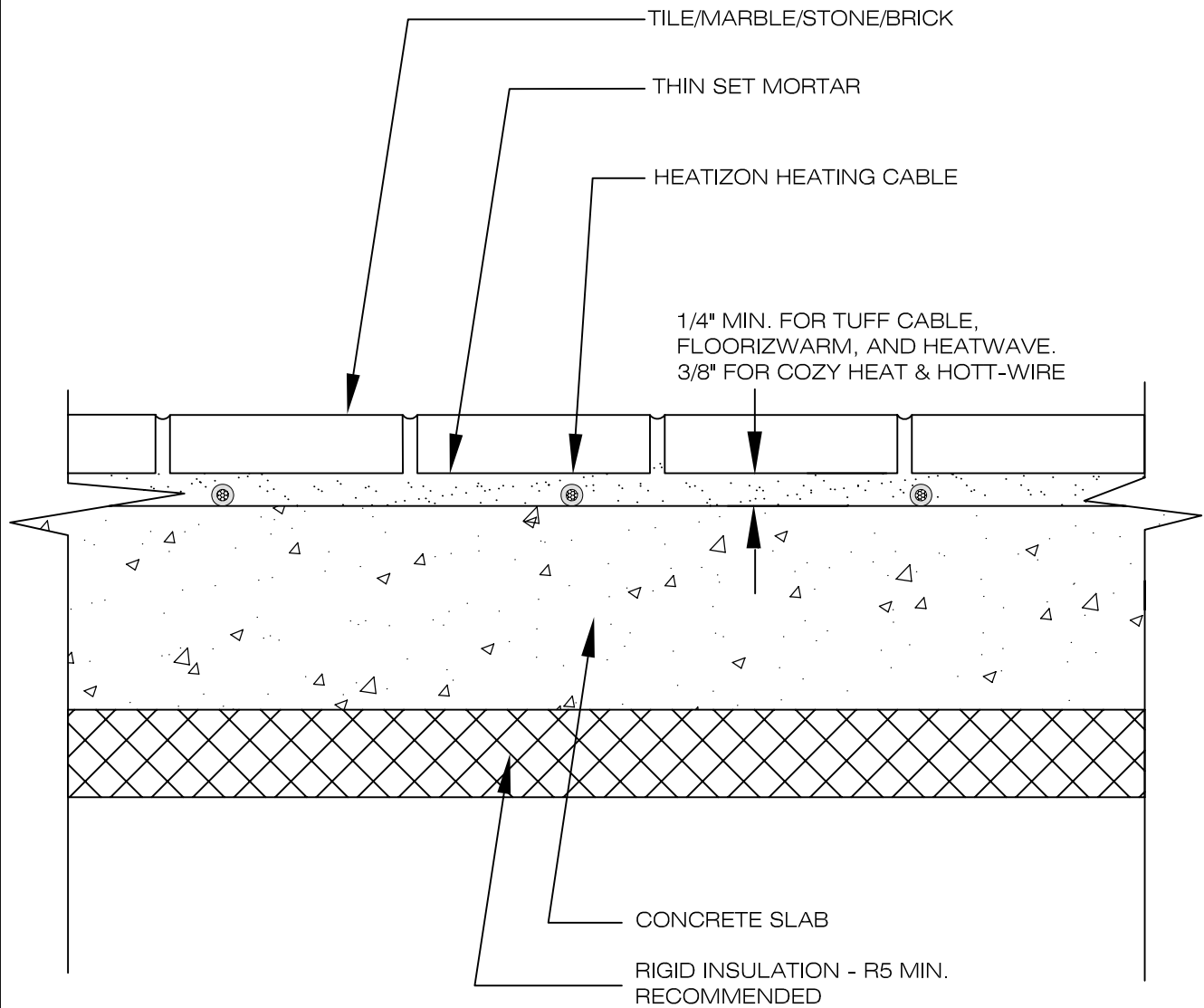
DRAWING BY:
JL

DATE:
JUNE 2011

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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
IT'S INSULATOR IN ANY WAY

DRAWING NO.:
SM-23

**HEATIZON HEATING CABLE ELEMENT UNDER
TILE/STONE/BRICK - CONCRETE SLAB**

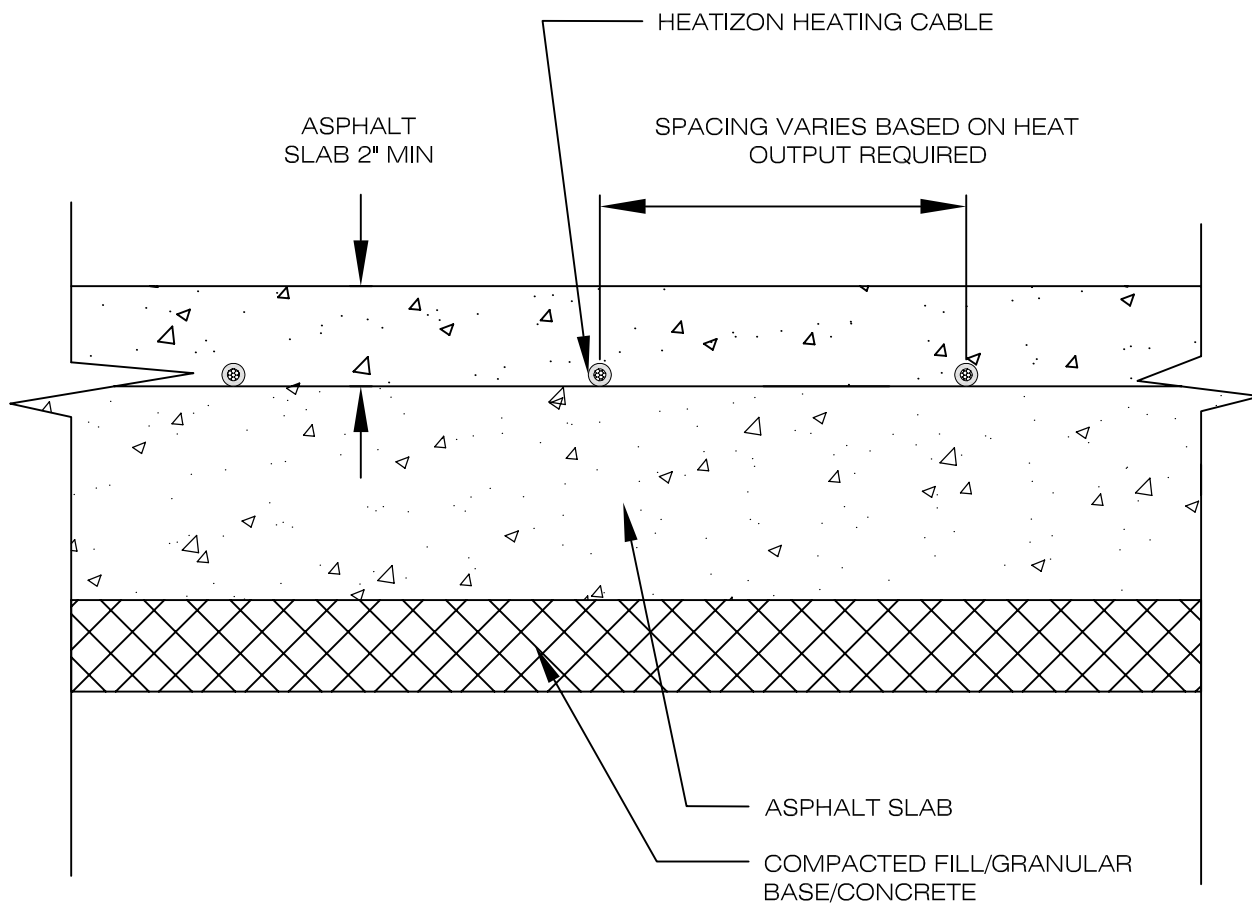
DRAWING BY:
RJB
DATE:
OCT 2012

HEATIZON SYSTEMS

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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE
ELEMENT OR ITS INSULATOR
IN ANY WAY



DRAWING NO.:
SM-24

**HEATIZON HEATING CABLE ELEMENT IN
ASPHALT ON ASPHALT SLAB**

DRAWING BY:
RJB
DATE:
NOV 2012

HEATIZON SYSTEMS

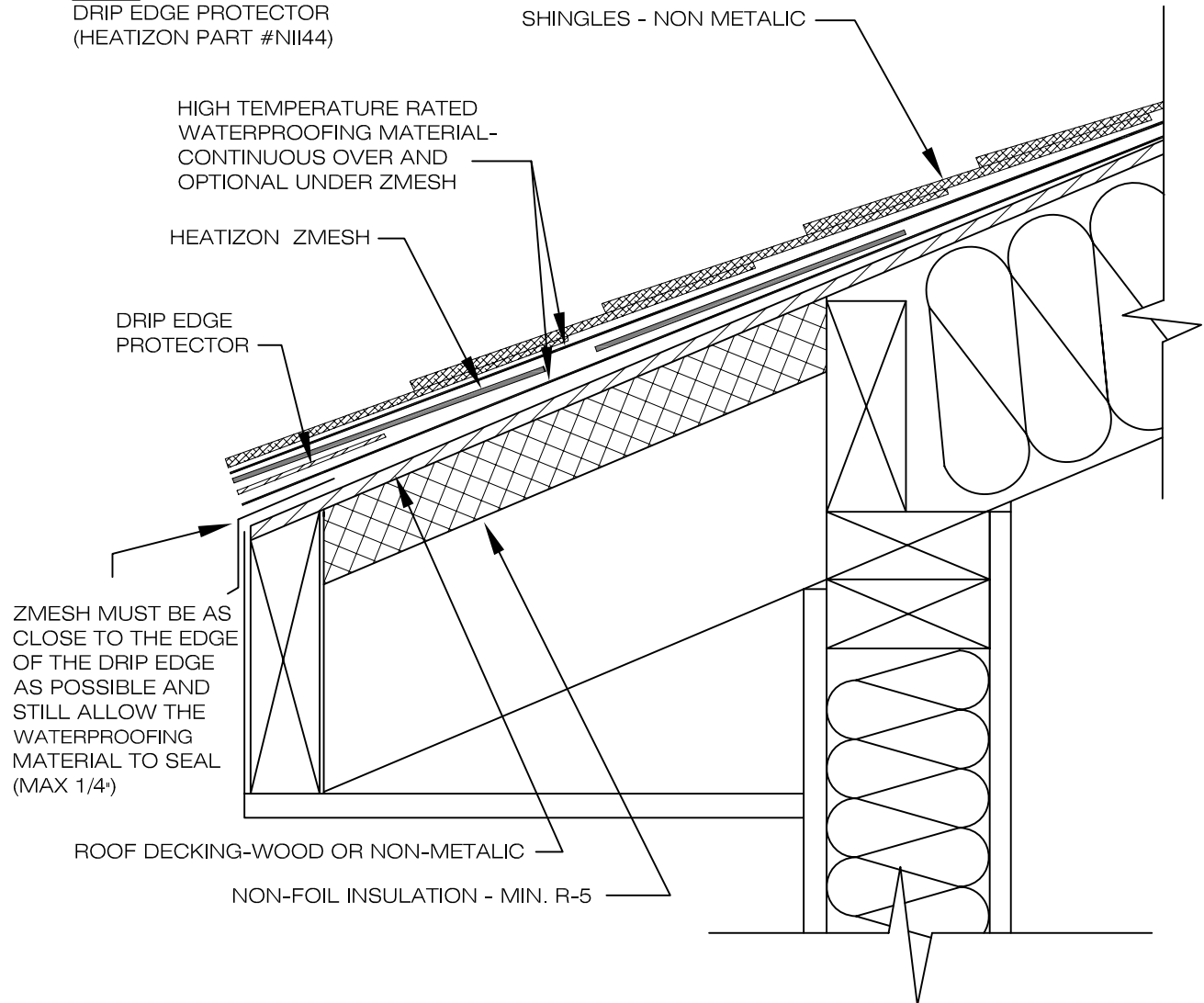
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SOLUTIONS:
 PREVENTS ICE DAMS
 MELTS SNOW AND ICE
 REDUCES ICICLES
 MANAGES SNOW LOADS
 MELTS SNOW TO PREVENT SLIDING

WARNING!!
 DO NOT CUT OR DAMAGE ZMESH.
 DO NOT ALLOW ZMESH TO COME
 INTO CONTACT WITH ANY OTHER
 ELECTRICALLY CONDUCTIVE
 MATERIAL. DO NOT FASTEN
 THROUGH ANY ELECTRICALLY
 CONDUCTIVE MATERIAL AND
 ZMESH SIMULTANEOUSLY.

NOTE:
 DRIP EDGE PROTECTOR
 (HEATIZON PART #NII44)



DRAWING NO.:

RD-1

EAVE DETAIL - ZMESH UNDER ASPHALT SHINGLES

DRAWING BY:

RJB

DATE:

FEB 2013

HEATIZON SYSTEMS

advanced floor heating/ snow and ice removal systems

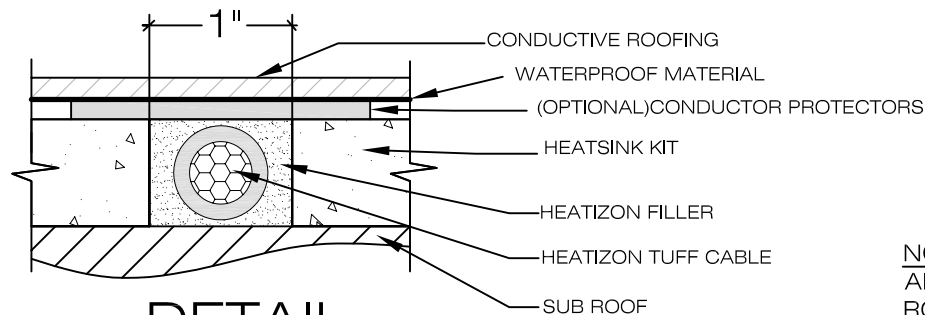
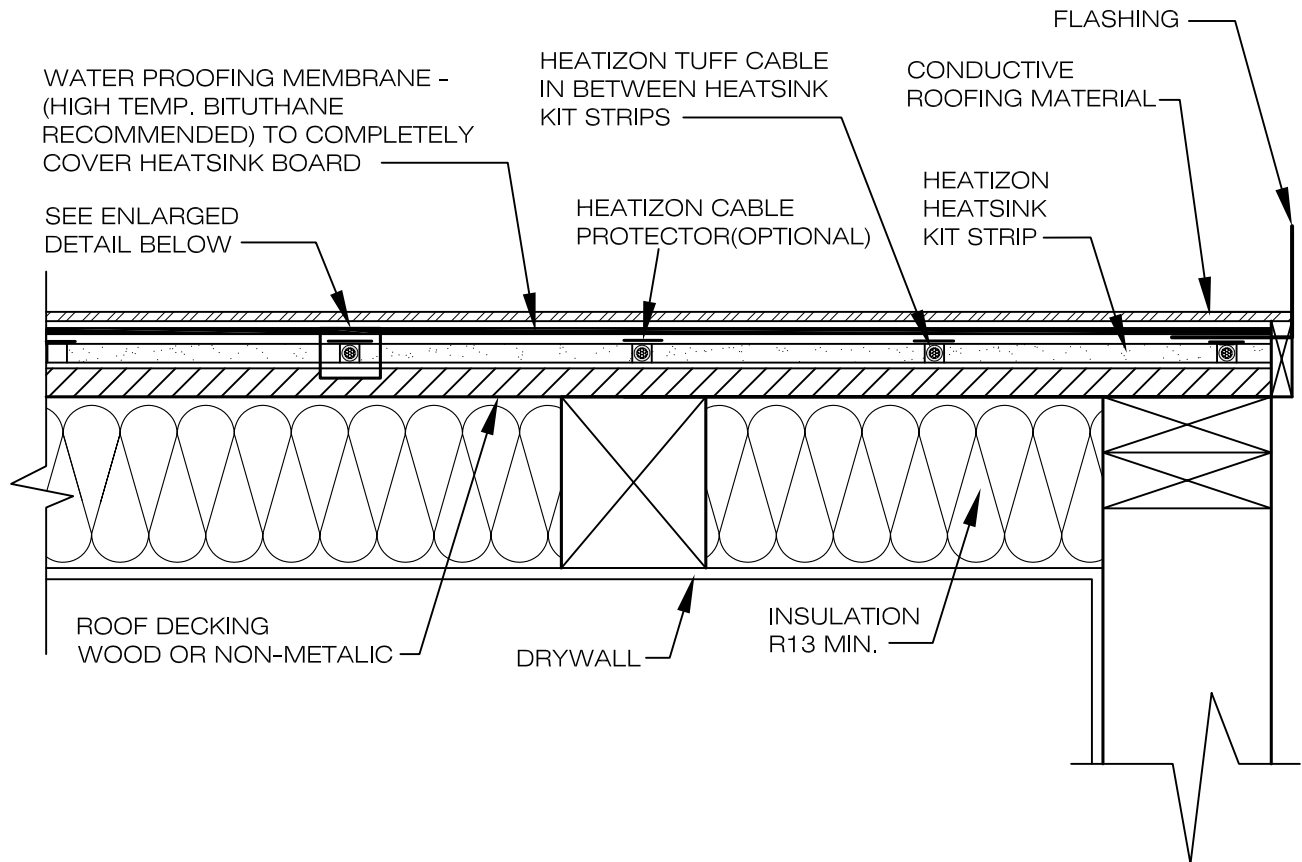
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WARNING!!

DO NOT CUT OR DAMAGE HEATIZON HEATING
CABLE ELEMENT OR IT'S INSULATOR IN ANY
WAY



DETAIL
NOT TO SCALE

NOTE:
ALL ATTACHMENTS FOR
ROOFING SYSTEM OR OTHER
COMPONENTS SHOULD BE
MADE PRIOR TO INSTALLATION
OF WATER-PROOFING
COVERING

DRAWING NO.:

RD-3

**FLAT ROOF - HEATIZON TUFF CABLE IN
HEATSINK KIT UNDER CONDUCTIVE
ROOFING MATERIALS**

DRAWING BY:

ACI

DATE:

NOV 2009

HEATIZON SYSTEMS

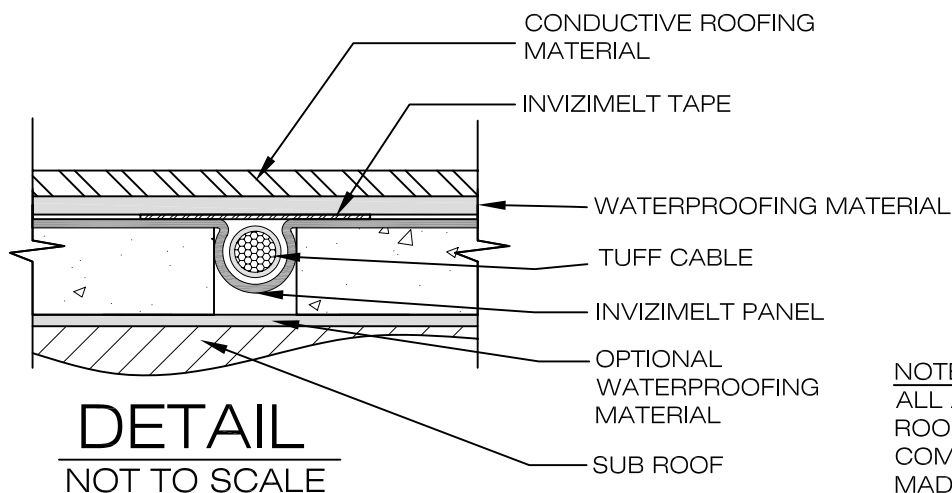
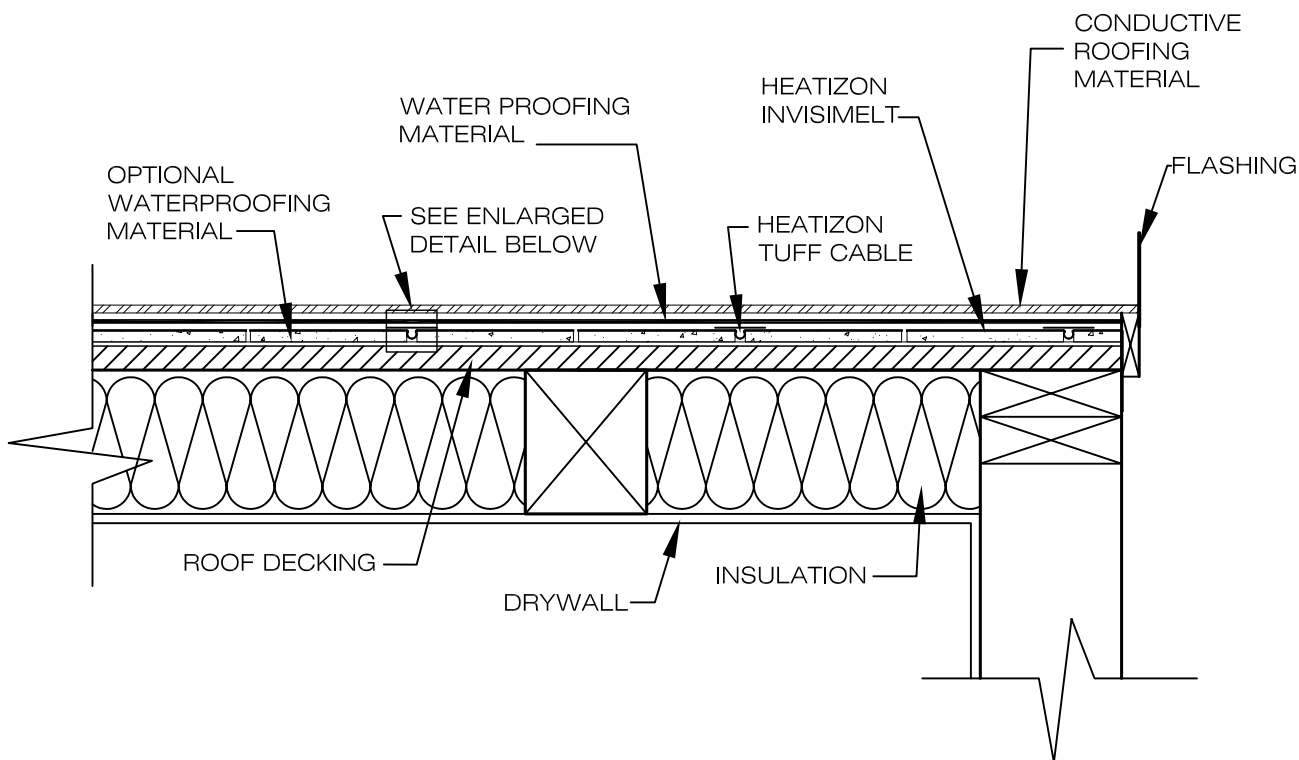
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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON TUFF CABLE OR ITS
INSULATOR IN ANY WAY



NOTE:
ALL ATTACHMENTS FOR
ROOFING SYSTEM OR OTHER
COMPONENTS SHOULD BE
MADE PRIOR TO INSTALLATION
OF WATERPROOFING COVERING

DRAWING NO.:

RD-3I

FLAT ROOF - TUFF CABLE IN INVIZIMELT UNDER CONDUCTIVE ROOF

DRAWING BY:

ACI

DATE:

NOV 2009

HEATIZON SYSTEMS

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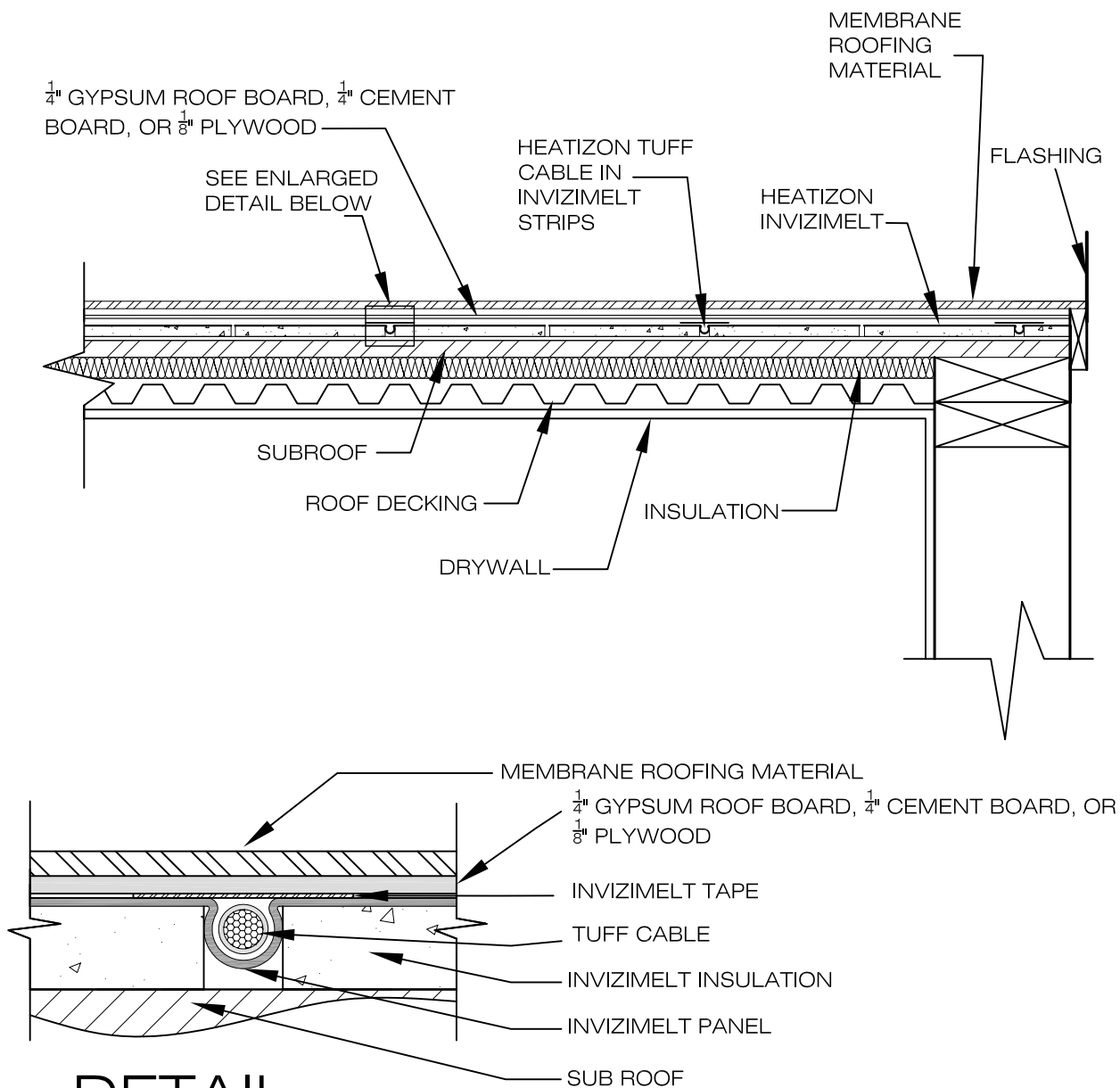
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WARNING!!
DO NOT CUT OR DAMAGE HEATIZON
TUFF CABLE OR IT'S INSULATOR IN
ANY WAY

NOTE:
ALL ATTACHMENTS FOR
ROOFING SYSTEM OR
OTHER COMPONENTS
SHOULD BE MADE PRIOR TO
INSTALLATION OF
WATERPROOFING
COVERING



DETAIL
NOT TO SCALE

DRAWING NO.:
RD-3IM

**FLAT ROOF - TUFF CABLE IN INVIZIMELT
UNDER MEMBRANE ROOF**

DRAWING BY:
ACI

DATE:
NOV 2009

HEATIZON SYSTEMS

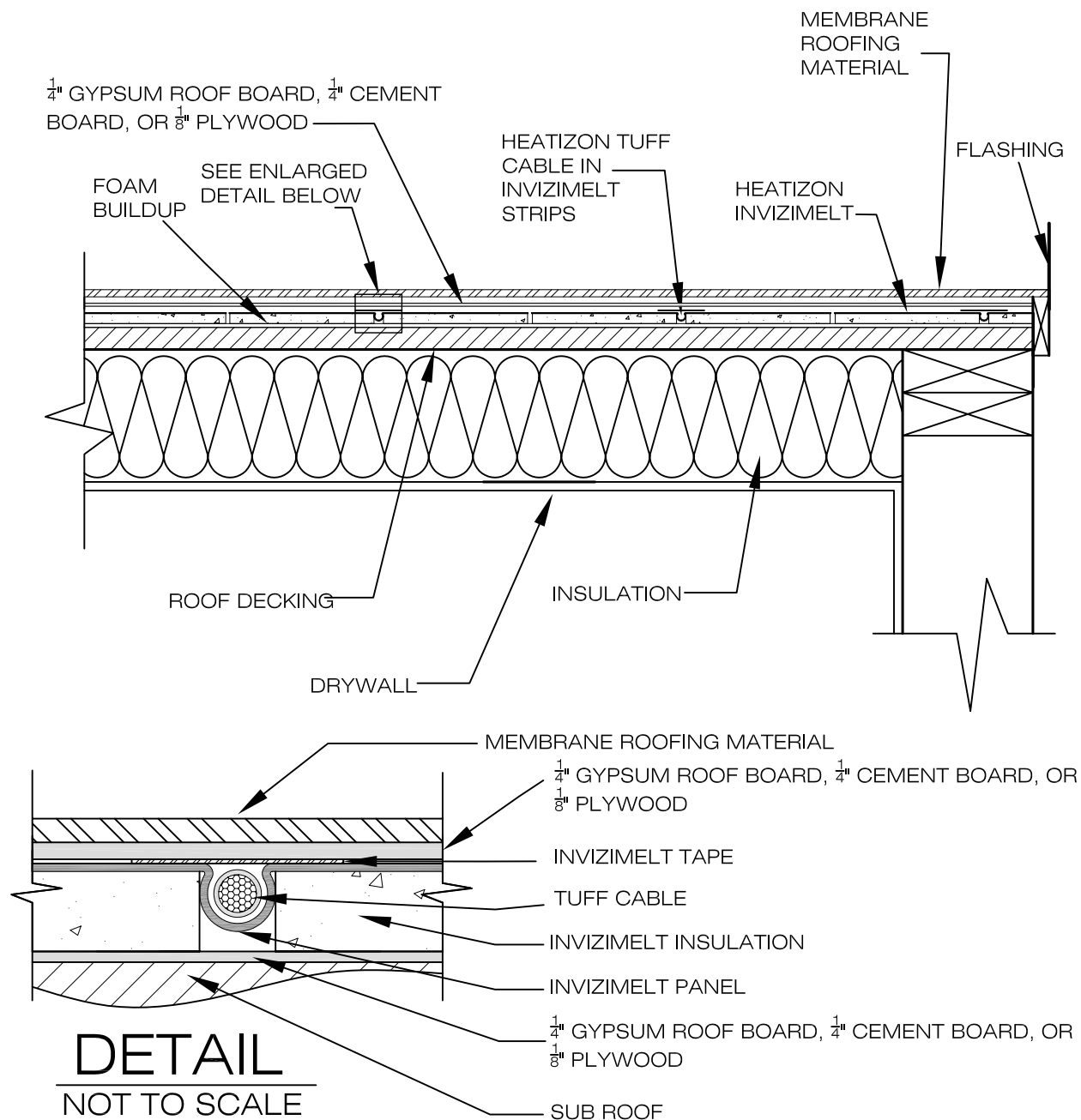
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WARNING!!
DO NOT CUT OR DAMAGE HEATIZON
TUFF CABLE OR IT'S INSULATOR IN
ANY WAY

NOTE:
ALL ATTACHMENTS FOR
ROOFING SYSTEM OR
OTHER COMPONENTS
SHOULD BE MADE PRIOR TO
INSTALLATION OF
WATERPROOFING
COVERING



DRAWING NO.: RD-3IW	FLAT ROOF - TUFF CABLE IN INVIZIMELT UNDER MEMBRANE ROOF	DRAWING BY: ACI
		DATE: NOV 2009

HEATIZON SYSTEMS

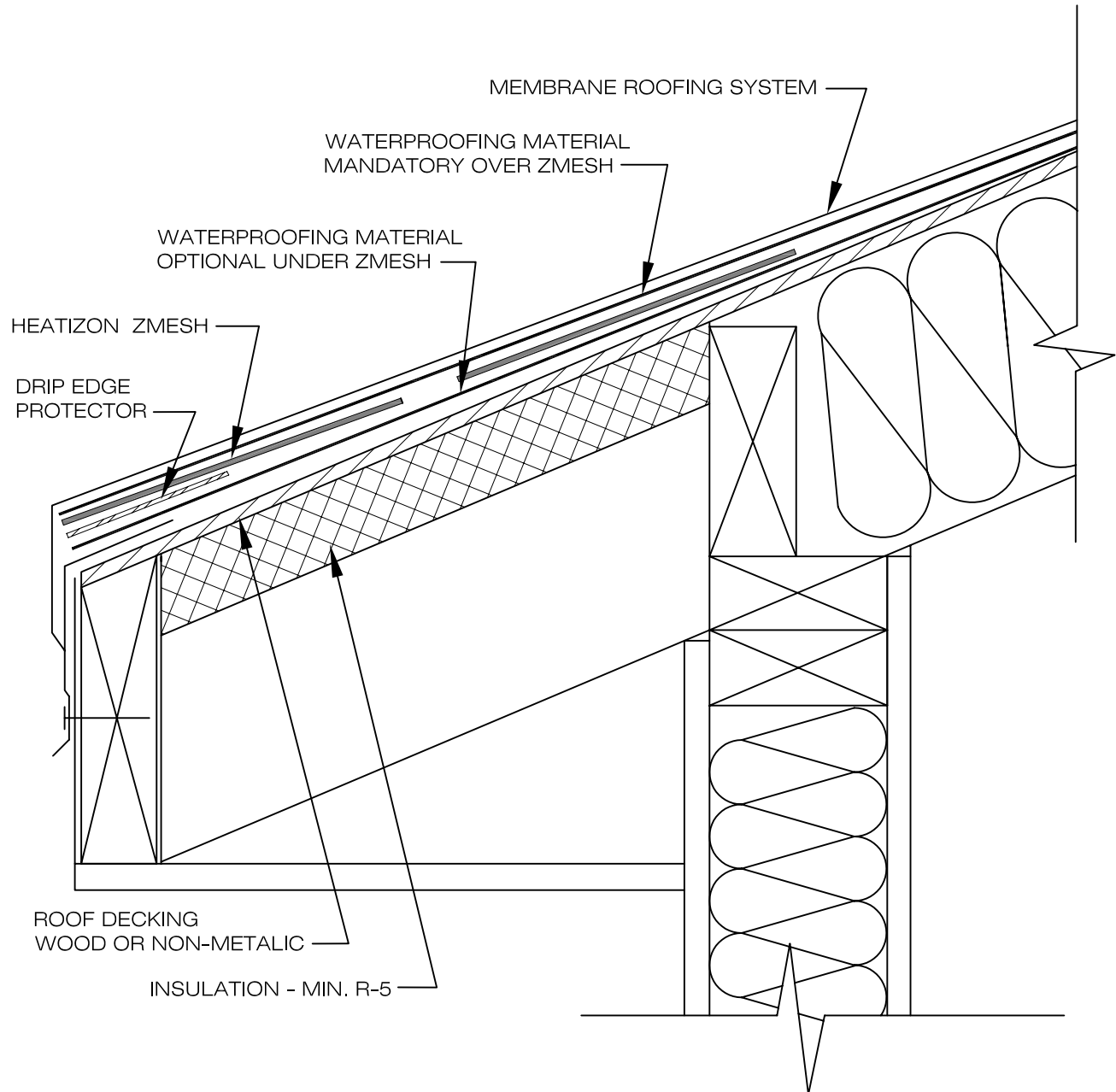
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WARNING!!
DO NOT CUT OR DAMAGE ZMESH.
DO NOT ALLOW ZMESH TO COME
INTO CONTACT WITH ANY OTHER
ELECTRICALLY CONDUCTIVE
MATERIAL. DO NOT FASTEN
THROUGH ANY ELECTRICALLY
CONDUCTIVE MATERIAL AND
ZMESH SIMULTANEOUSLY.

NOTE:
DRIP EDGE PROTECTOR (HEATIZON PART #NII44)



DRAWING NO.:

RD-4E

EAVE DETAIL - ZMESH UNDER MEMBRANE ROOF

DRAWING BY:

ACI

DATE:

NOV 2009

HEATIZON SYSTEMS

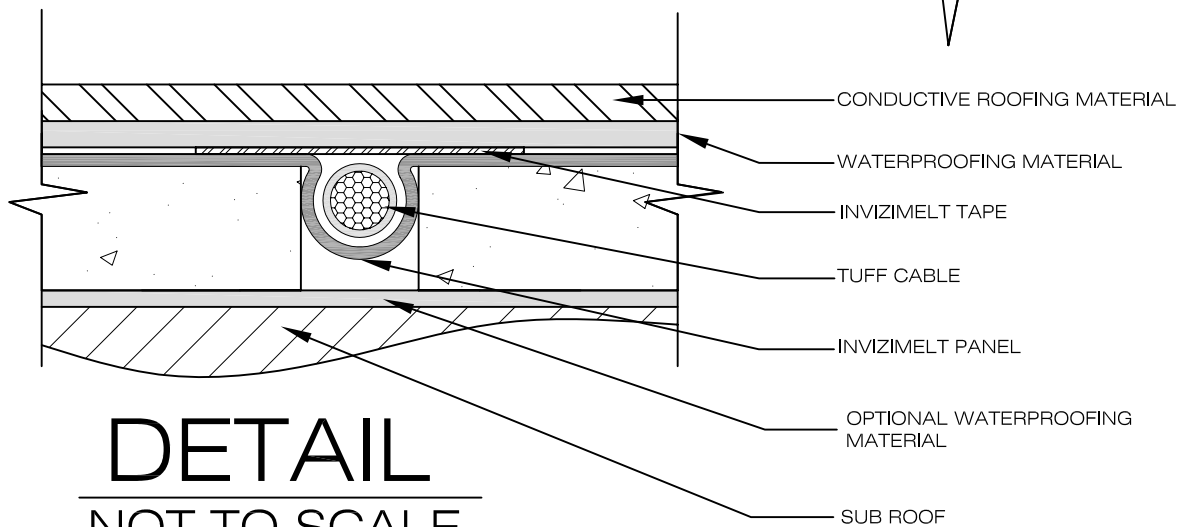
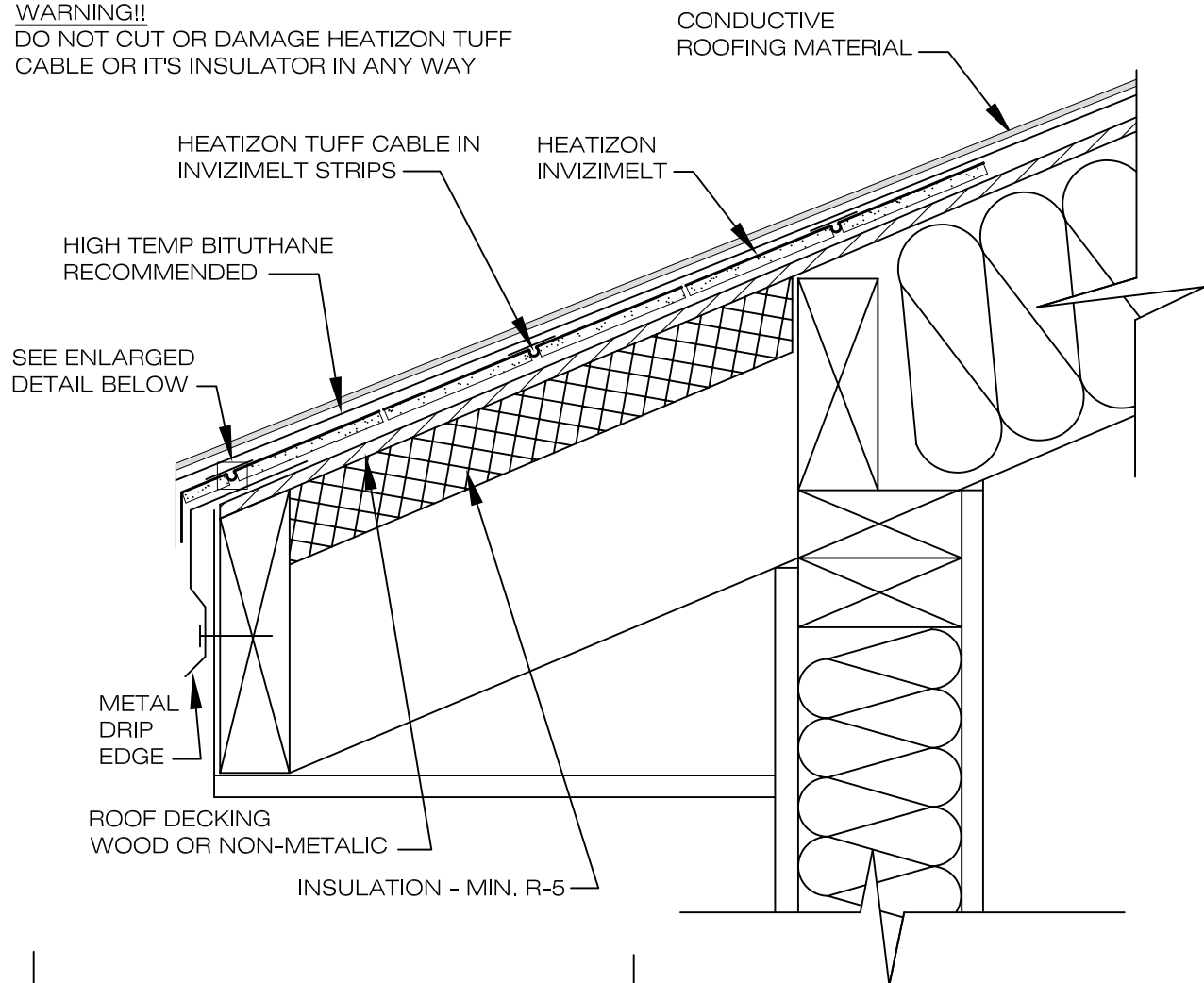
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WARNING!!
DO NOT CUT OR DAMAGE HEATIZON TUFF CABLE OR ITS INSULATOR IN ANY WAY



DETAIL
NOT TO SCALE

DRAWING NO.:

RD-4I

**EAVE DETAIL - TUFF CABLE IN INVIZIMELT
UNDER CONDUCTIVE ROOF**

DRAWING BY:

ACI

DATE:

NOV 2009

HEATIZON SYSTEMS

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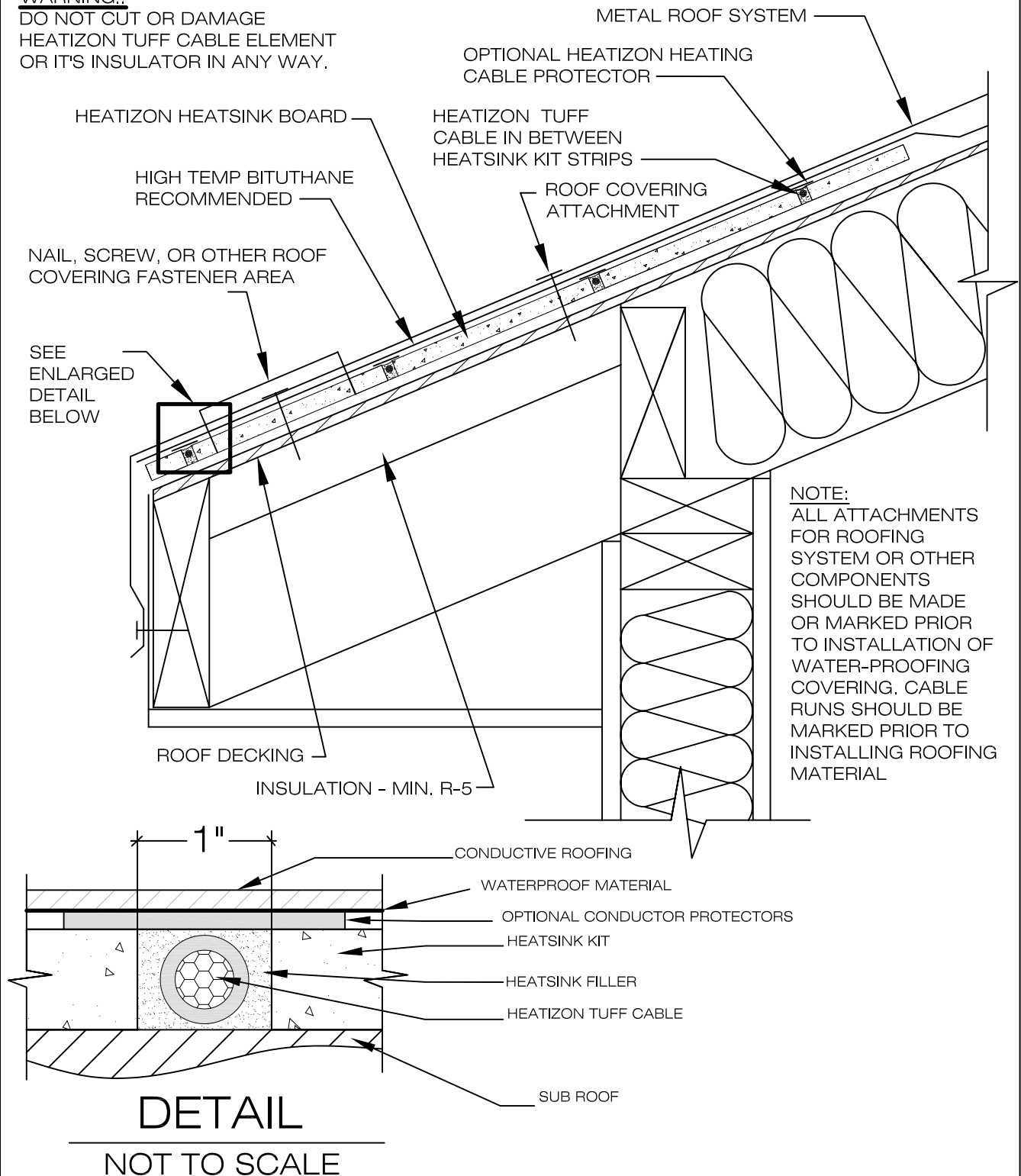
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WARNING!!

DO NOT CUT OR DAMAGE
HEATIZON TUFF CABLE ELEMENT
OR IT'S INSULATOR IN ANY WAY.



DRAWING NO.:

RD-5

**EAVE DETAIL - TUFF CABLE IN A HEATSINK
KIT UNDER CONDUCTIVE ROOFING
MATERIAL**

DRAWING BY:

ACI

DATE:

NOV 2009

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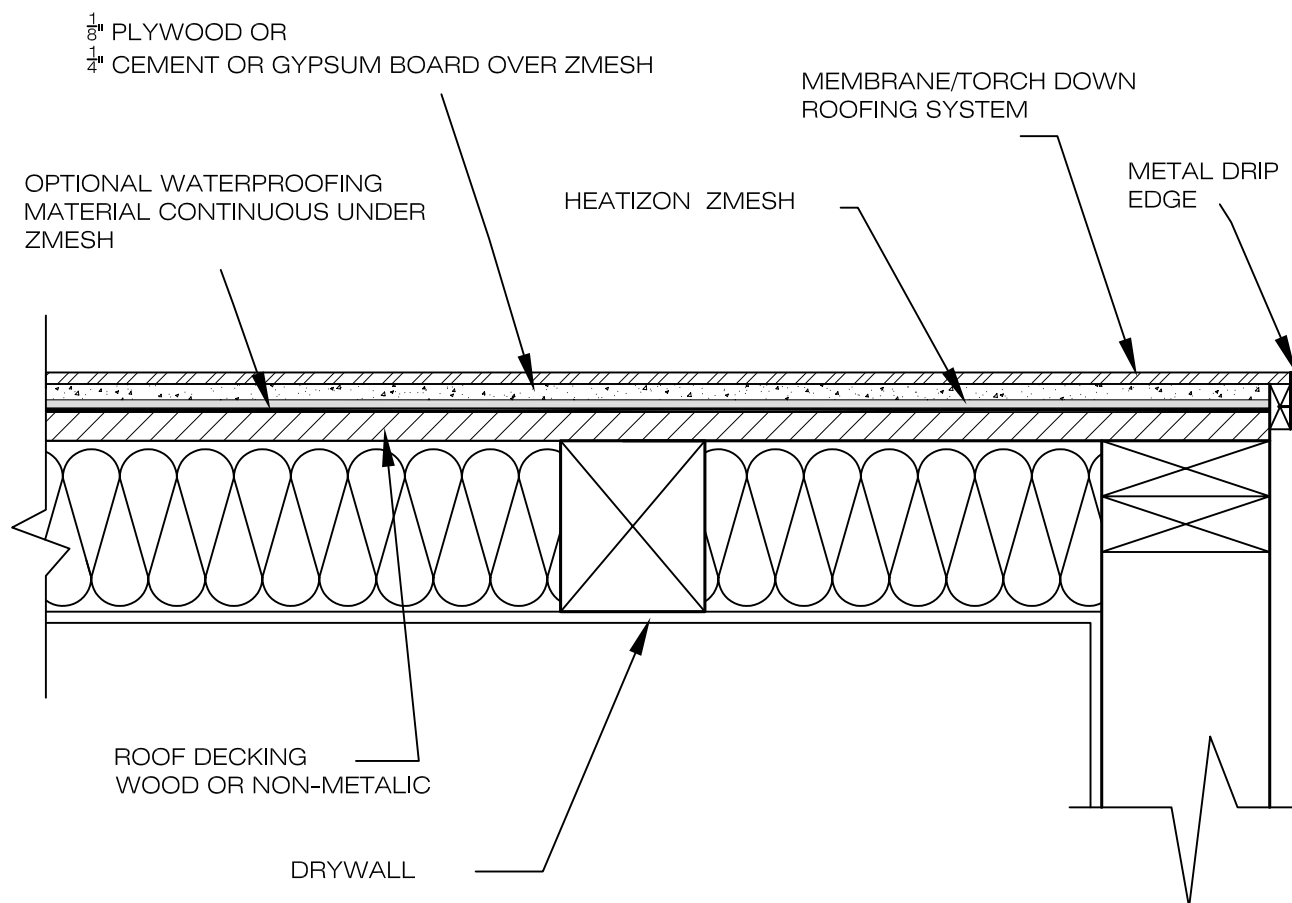
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WARNING!!

DO NOT CUT OR DAMAGE ZMESH. DO NOT ALLOW ZMESH TO COME INTO CONTACT WITH ANY OTHER ELECTRICALLY CONDUCTIVE MATERIAL. DO NOT FASTEN THROUGH ANY ELECTRICALLY CONDUCTIVE MATERIAL AND ZMESH SIMULTANEOUSLY.



NOTE:
SINGLE PLY MEMBRANE (EPDM RECOMMENDED)
OR 1/8" WOOD SHEATING TO COMPLETELY COVER
ANY METAL AND SEPARATE METAL FROM ZMESH

DRAWING NO.:

RD-6

**FLAT ROOF - ZMESH UNDER
MEMBRANE**

DRAWING BY:

ACI

DATE:

NOV 2009

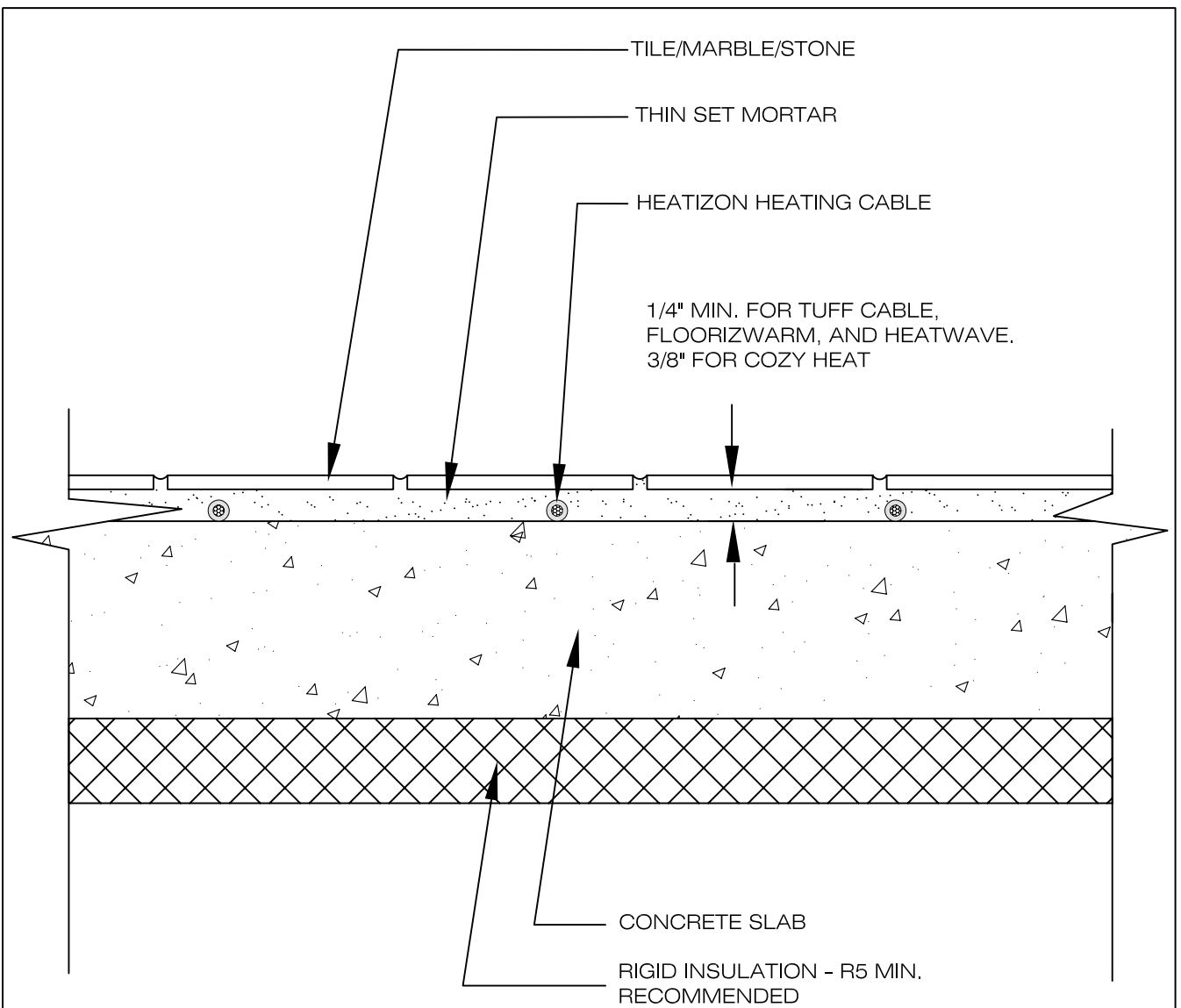
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WARNING!!
DO NOT CUT OR DAMAGE
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ITS INSULATOR IN ANY WAY

DRAWING NO.:

FH-6

HEATIZON HEATING CABLE ELEMENT UNDER TILE/STONE ON CONCRETE SLAB

DRAWING BY:

ACI

DATE:

NOV 2009

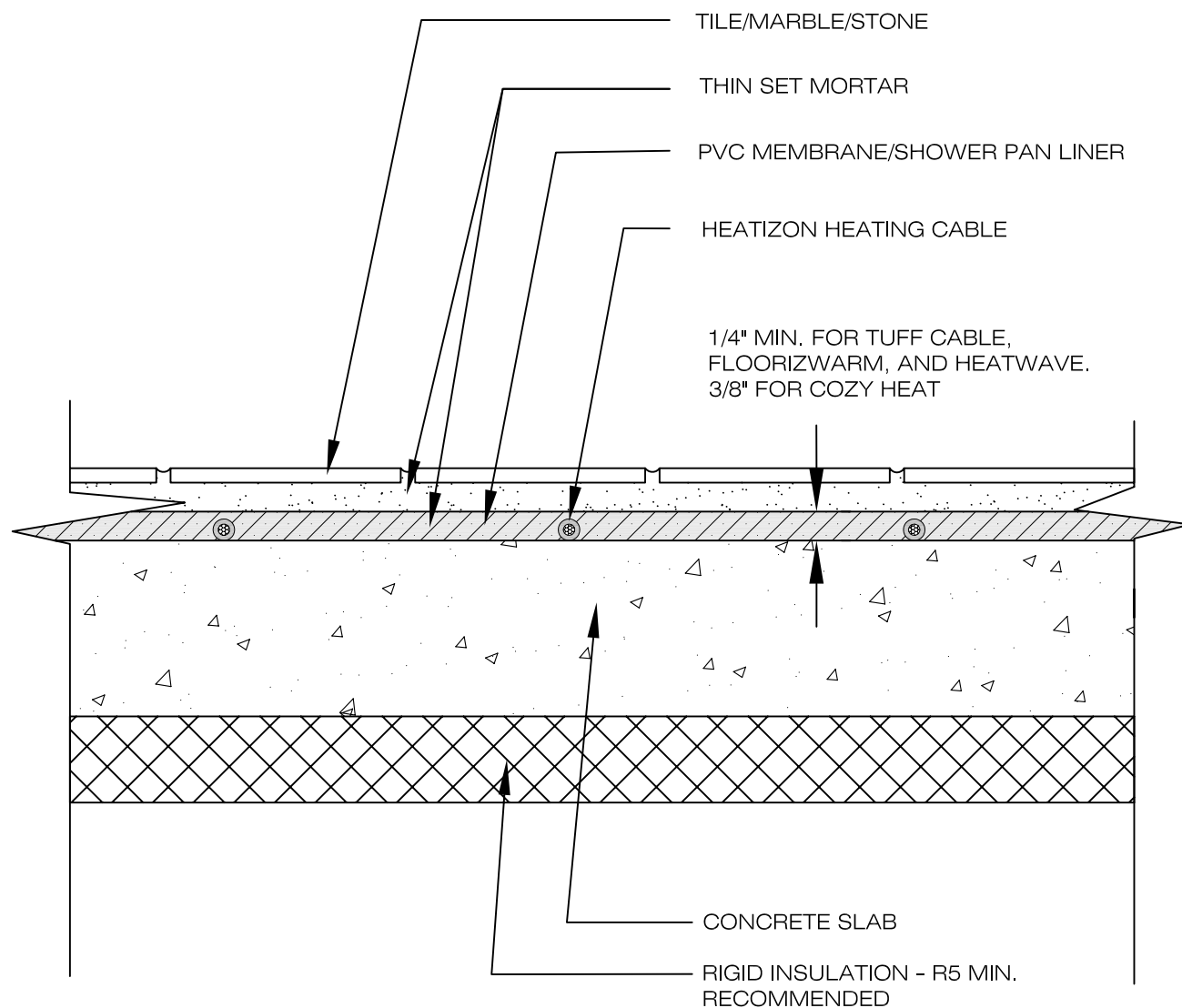
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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
IT'S INSULATOR IN ANY WAY

NOTE:
HEATING CABLE IS EMBEDDED IN THIN
SET MORTAR UNDER THE SHOWER PAN

DRAWING NO.:

FH-7

HEATIZON HEATING CABLE ELEMENT IN SHOWER PAN ON CONCRETE SLAB

DRAWING BY:

ACI

DATE:

NOV 2009

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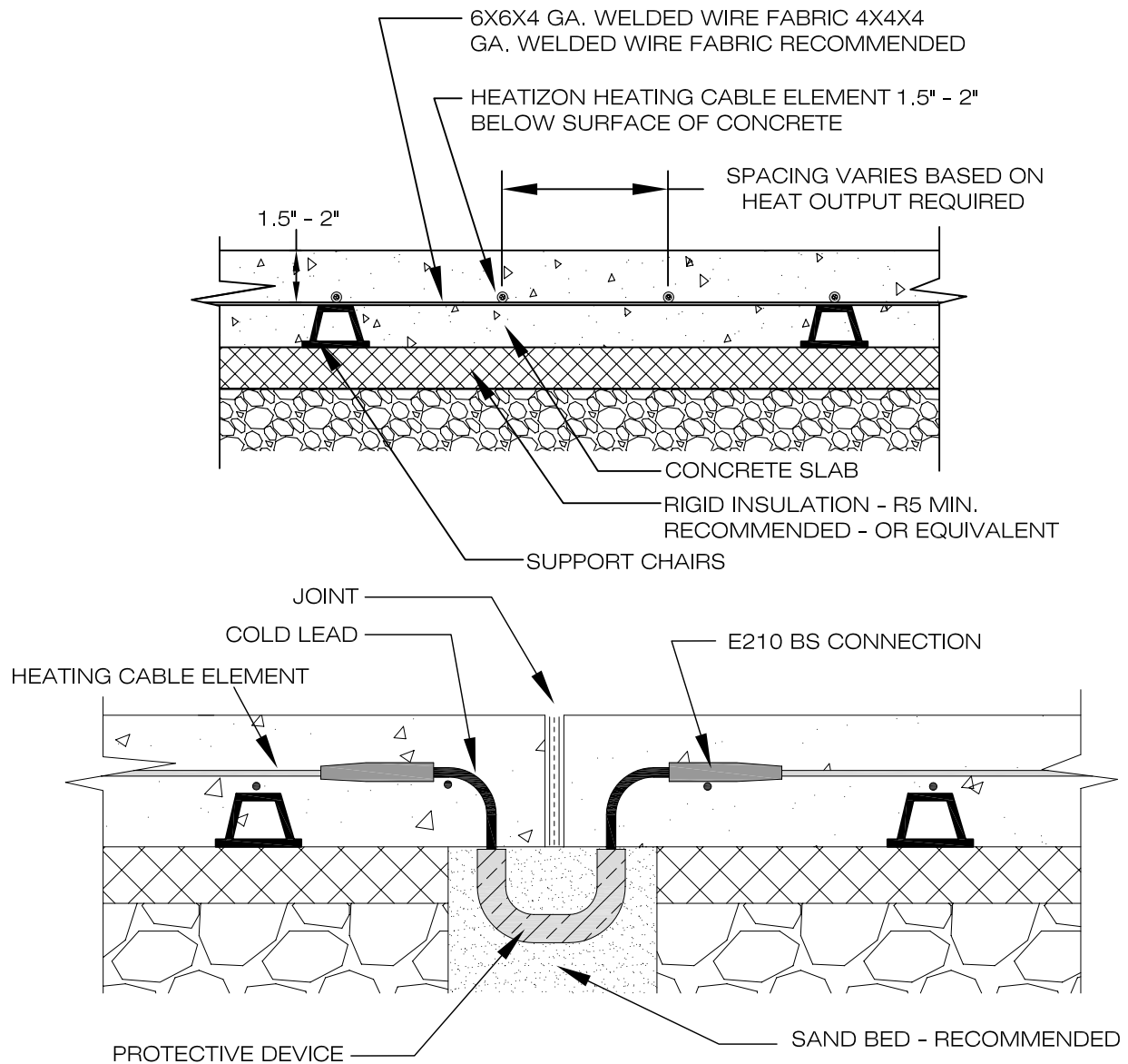
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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
IT'S INSULATOR IN ANY WAY

NOTE:
HEATIZON HEATING CABLE ELEMENT
SHALL NOT EXTEND THROUGH
EXPANSION, CONTROL OR ANY
OTHER JOINTS. "JUMPER" TO BE
USED AT ALL JOINTS.



**DETAIL OF JUMPER KIT
FOR TUFF CABLE**

NOTE:
PROTECTIVE DEVICE IS TO PREVENT CONCRETE ENCASEMENT.
PROTECTIVE DEVICE SHOULD NOT EXTEND INTO CONCRETE

DRAWING NO.:

FH-9T

HEATIZON TUFF CABLE IN CONCRETE & JOINT DETAIL

DRAWING BY:
ACI

DATE:
NOV 2009

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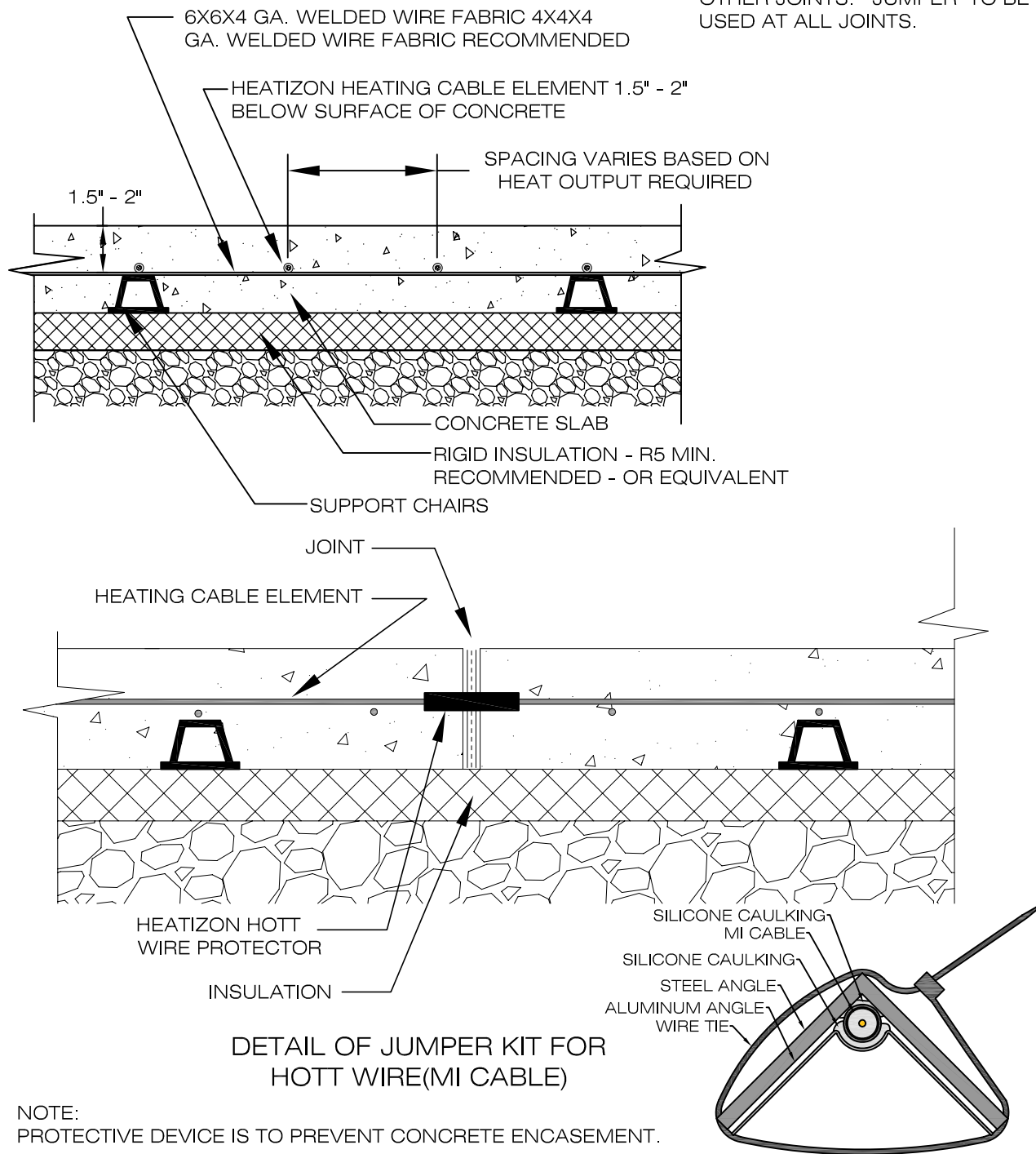
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WARNING!!

DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
IT'S INSULATOR IN ANY WAY

NOTE:

HEATIZON HEATING CABLE ELEMENT
SHALL NOT EXTEND THROUGH
EXPANSION, CONTROL OR ANY
OTHER JOINTS. "JUMPER" TO BE
USED AT ALL JOINTS.



NOTE:

PROTECTIVE DEVICE IS TO PREVENT CONCRETE ENCASEMENT.

DRAWING NO.:

FH-9MI

**HEATIZON HOTT WIRE(MI CABLE) IN
CONCRETE & JOINT DETAIL**

DRAWING BY:

ACI

DATE:

AUG. 2010

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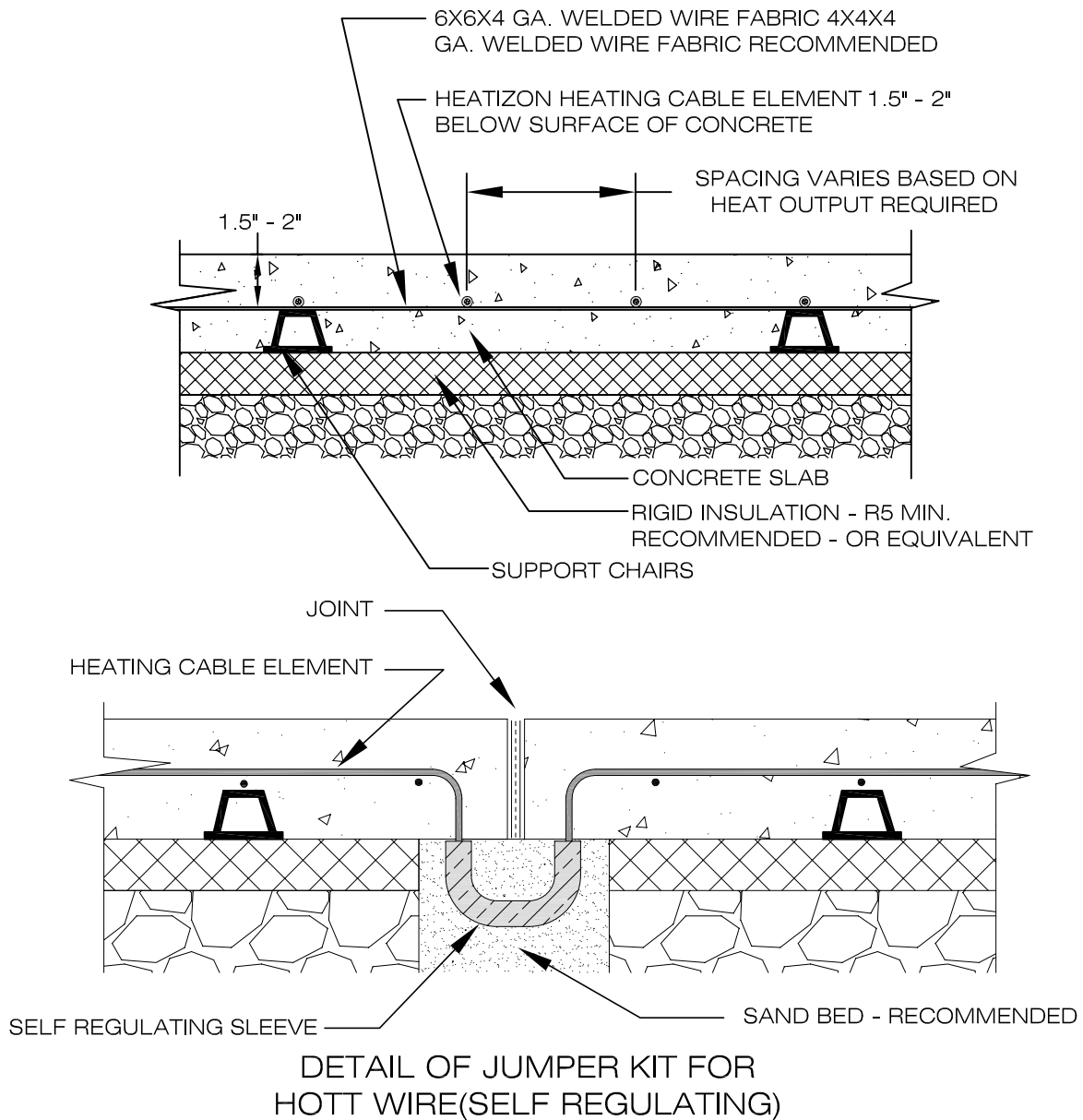
When installing Heatizon Systems products, strict compliance with the National Electrical Code, the Canadian Electrical Code, state and local buildings codes, and Heatizon Systems Design and Installation Manual is essential.

WARNING!!

DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
IT'S INSULATOR IN ANY WAY EXCEPT FOR
CONNECTIONS

NOTE:

HEATIZON HEATING CABLE ELEMENT
SHALL NOT EXTEND THROUGH
EXPANSION, CONTROL OR ANY
OTHER JOINTS. "JUMPER" TO BE
USED AT ALL JOINTS.



NOTE:

PROTECTIVE DEVICE IS TO PREVENT CONCRETE ENCASEMENT.
PROTECTIVE DEVICE SHOULD NOT EXTEND INTO CONCRETE

DRAWING NO.:

FH-9SR

**HEATIZON HOTT WIRE(SELF REGULATING)
IN CONCRETE & JOINT DETAIL**

DRAWING BY:

ACI

DATE:

NOV 2009

HEATIZON SYSTEMS

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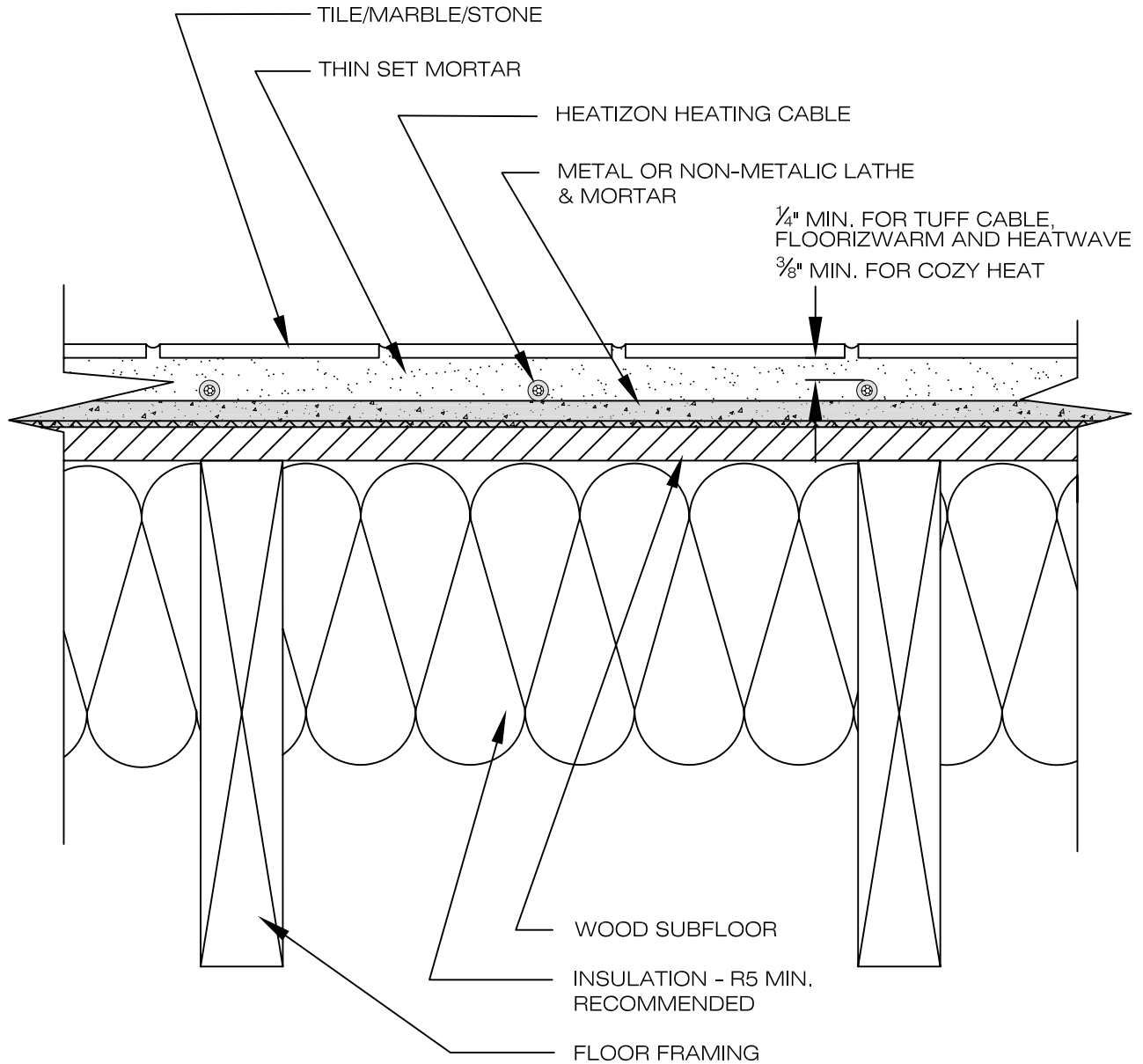
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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
IT'S INSULATOR IN ANY WAY.

NOTE:
METAL LATHE NEEDS TO BE COVERED
WITH THIN SET BEFORE HEATING
CABLE ELEMENT GOES OVER IT.



DRAWING NO.:
FH-10

**HEATIZON HEATING CABLE ELEMENT UNDER
TILE/STONE w/LATHE ON WOOD SUBFLOOR**

DRAWING BY:
ACI
DATE:
NOV 2009

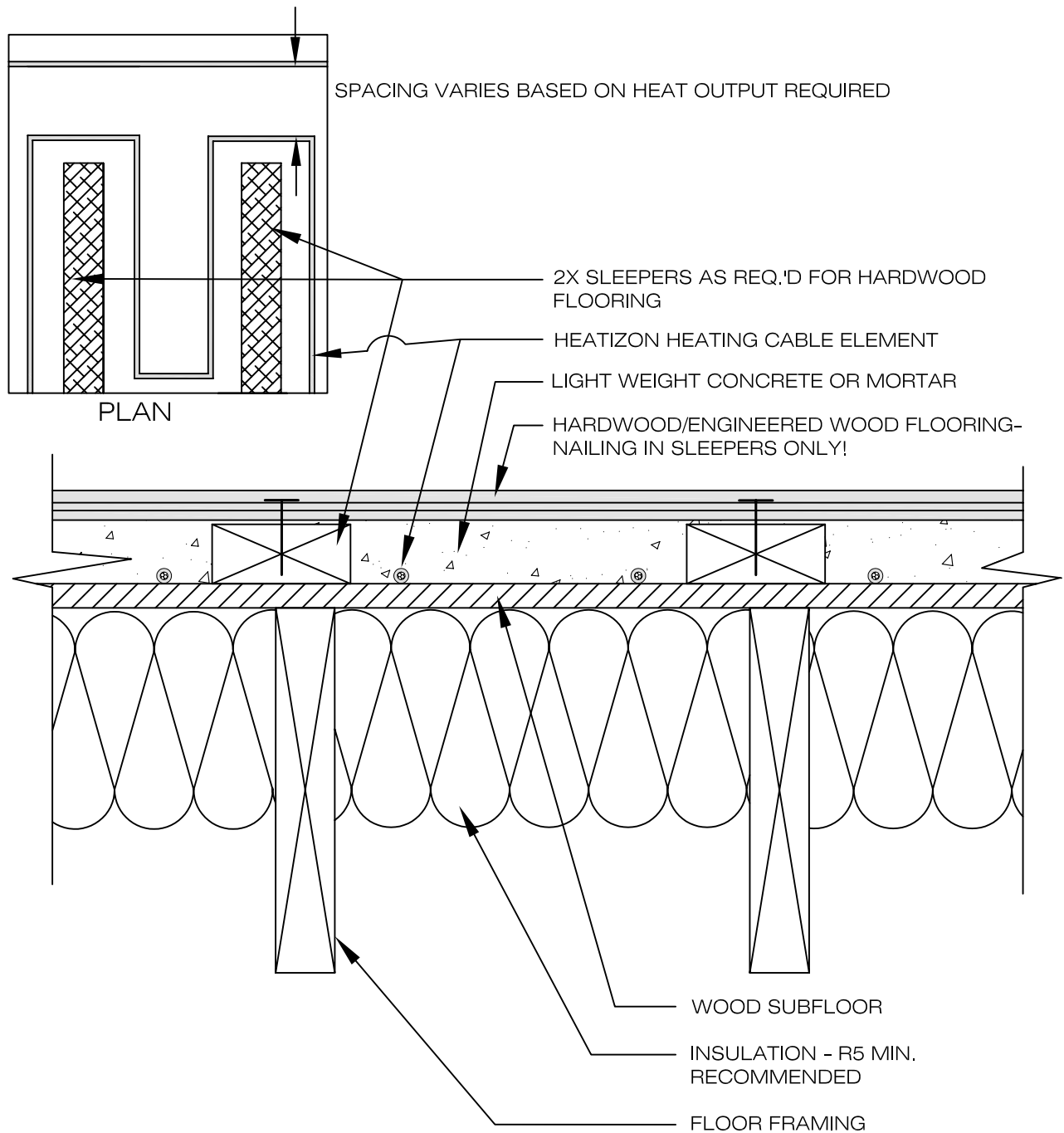
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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
IT'S INSULATOR IN ANY WAY

DRAWING NO.:	HEATIZON HEATING CABLE ELEMENT UNDER HARDWOOD/ENGINEERED WOOD IN LIGHT WEIGHT CONCRETE ON WOOD SUBFLOOR
FH-11	

DRAWING BY:
ACI

DATE:
NOV 2009

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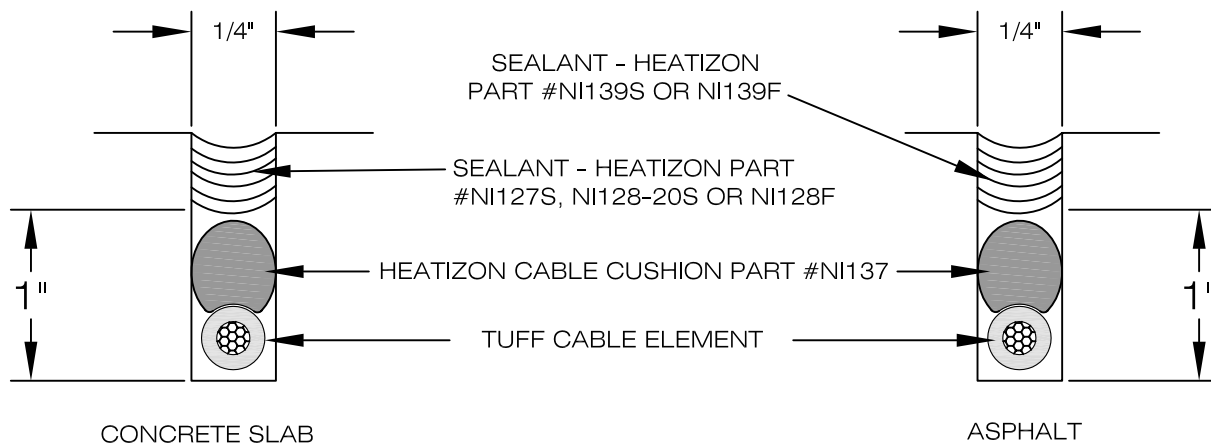
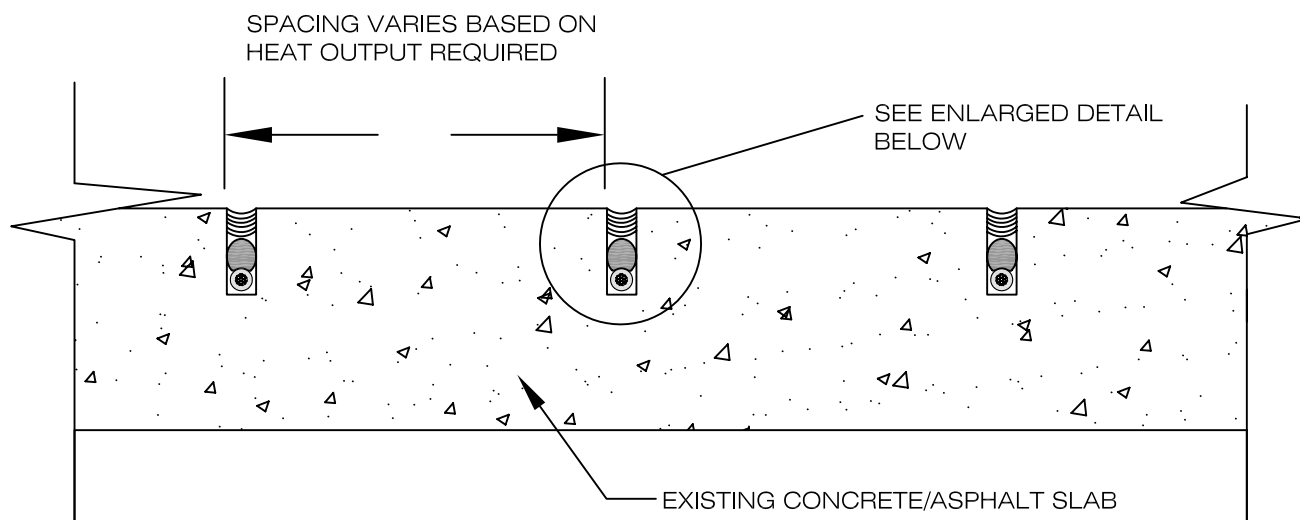
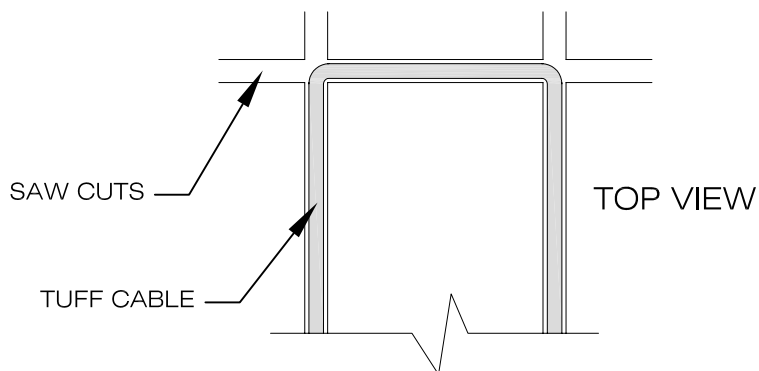
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WARNING!!
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IT'S INSULATOR IN ANY WAY



DRAWING NO.:

FH-13

TUFF CABLE ELEMENT RETROFIT IN CONCRETE OR ASPHALT

DRAWING BY:

ACI

DATE:

NOV 2009

HEATIZON SYSTEMS

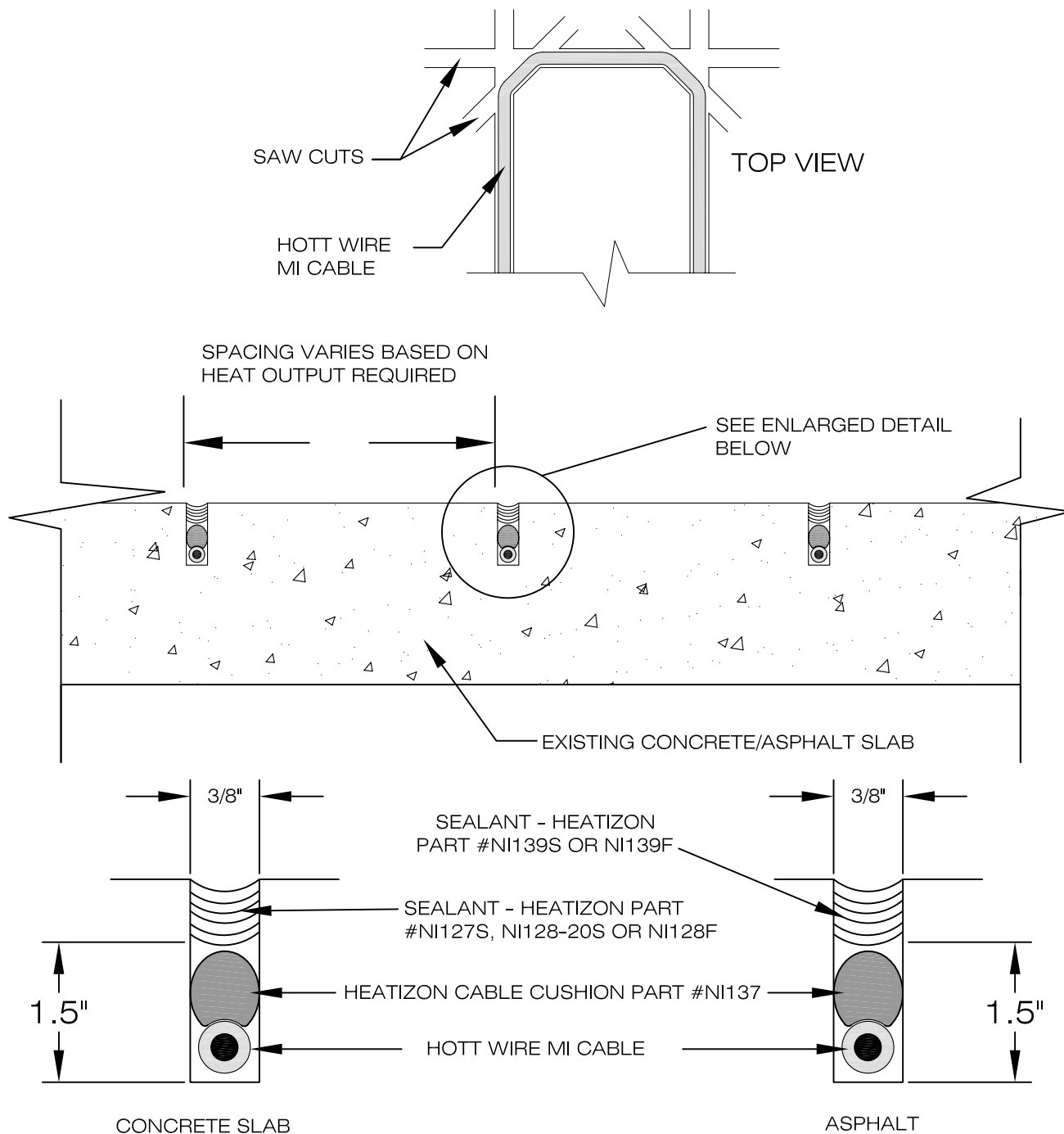
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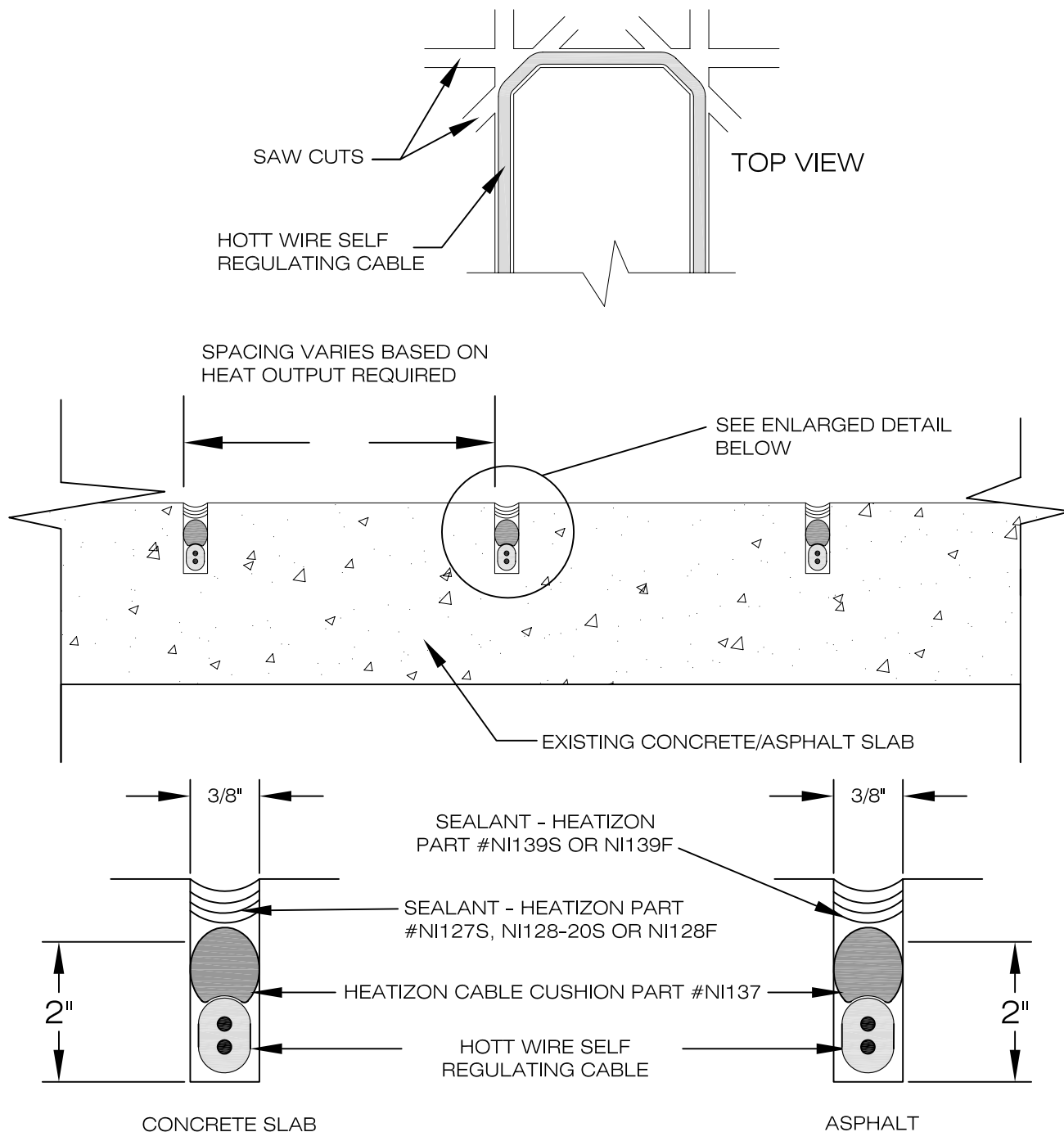
WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
IT'S INSULATOR IN ANY WAY



DRAWING NO.: FH-13H	 HOTT WIRE MI CABLE RETROFIT IN CONCRETE OR ASPHALT	DRAWING BY: ACI
		DATE: NOV 2009
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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
IT'S INSULATOR IN ANY WAY



DRAWING NO.:
FH-13HS

HOTT WIRE SELF REGULATING CABLE RETROFIT IN CONCRETE OR ASPHALT

DRAWING BY:
ACI

DATE:
NOV 2009

HEATIZON SYSTEMS

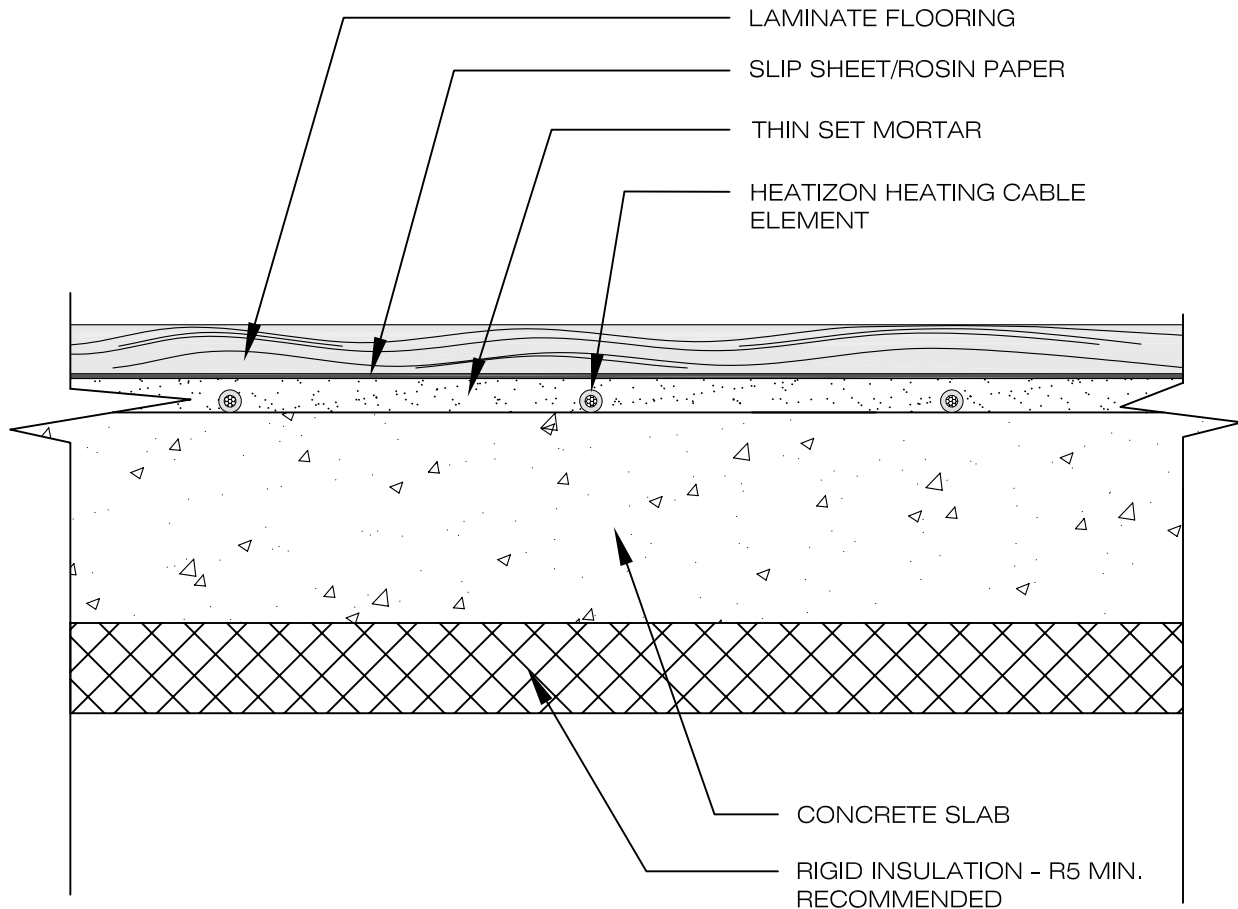
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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
IT'S INSULATOR IN ANY WAY



DRAWING NO.:

FH-21

TUFF CABLE UNDER LAMINATE FLOORING ON CONCRETE SLAB

DRAWING BY:

ACI

DATE:

NOV 2009

HEATIZON SYSTEMS

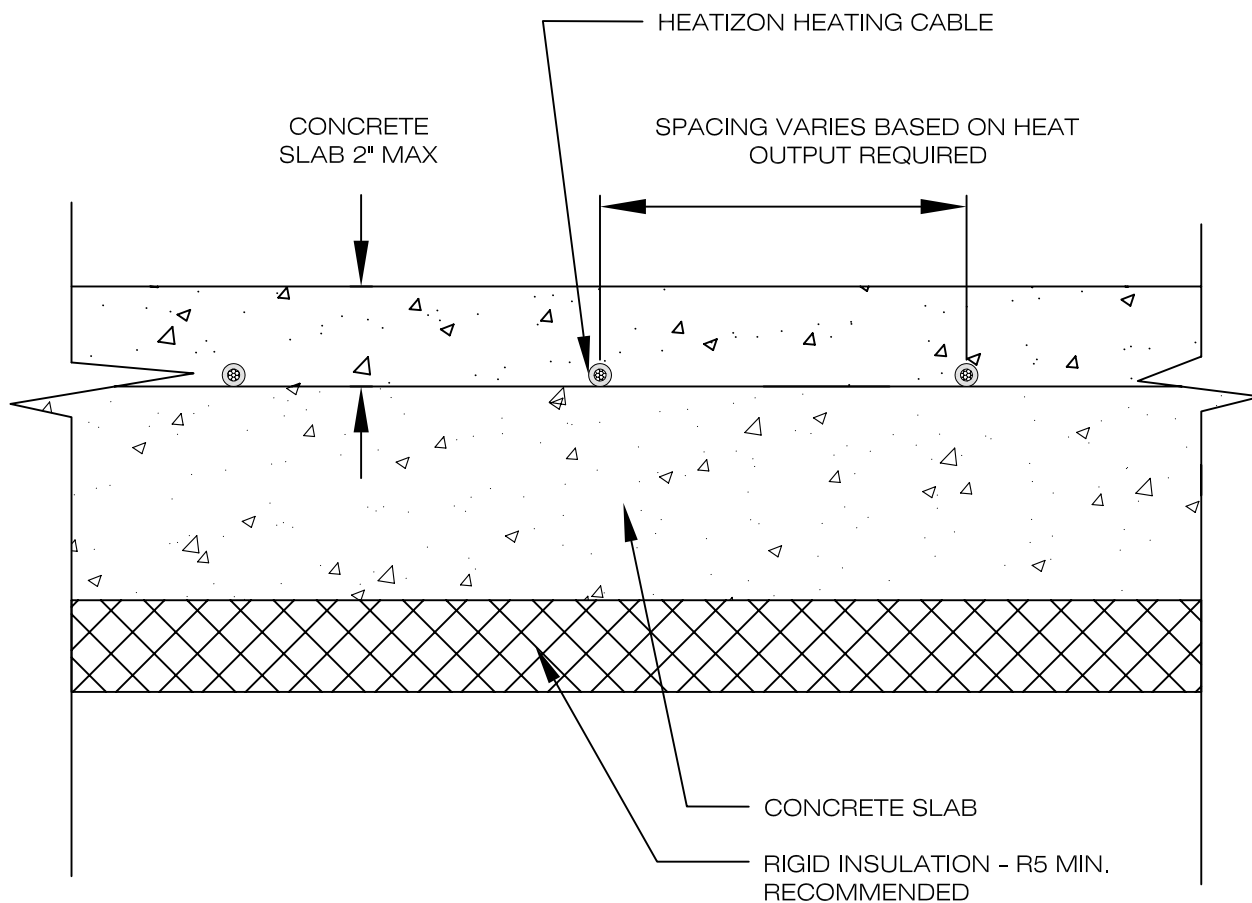
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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE
ELEMENT OR ITS INSULATOR
IN ANY WAY



DRAWING NO.:
FH-22

**HEATIZON HEATING CABLE ELEMENT IN
CONCRETE ON CONCRETE SLAB**

DRAWING BY:
ACI
DATE:
NOV 2009

HEATIZON SYSTEMS

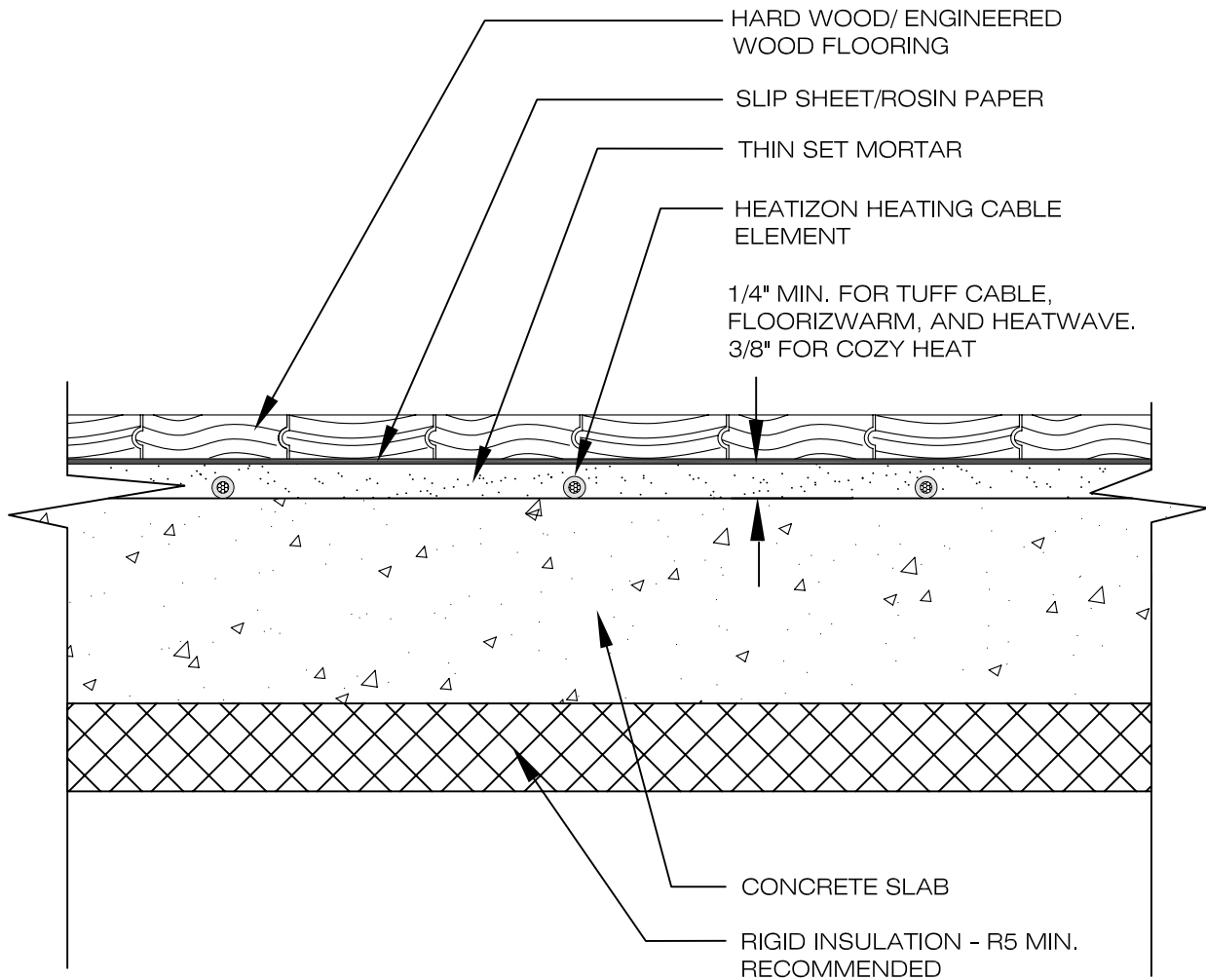
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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT
OR ITS INSULATOR IN ANY WAY



DRAWING NO.:
FH-23

**HEATIZON HEATING CABLE ELEMENT UNDER
FLOATING WOOD/ENGINEERED WOOD
FLOORING ON CONCRETE SLAB**

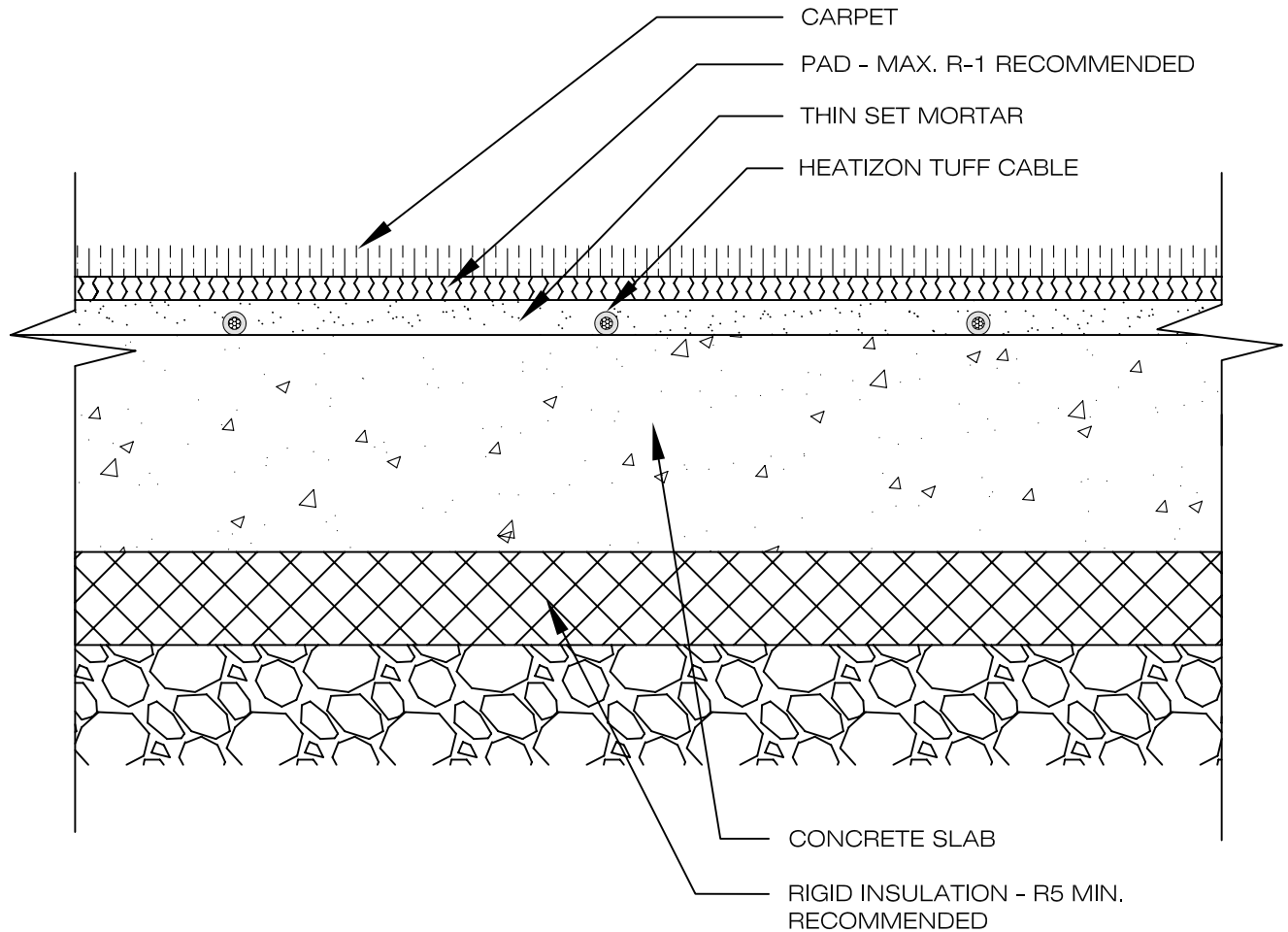
DRAWING BY:
ACI
DATE:
NOV 2009

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WARNING!!
DO NOT CUT OR DAMAGE
HEATIZON HEATING CABLE ELEMENT OR
ITS INSULATOR IN ANY WAY



DRAWING NO.:
FH-24

**TUFF CABLE UNDER CARPET & PAD ON
CONCRETE SLAB**

DRAWING BY:
ACI
DATE:
NOV 2009

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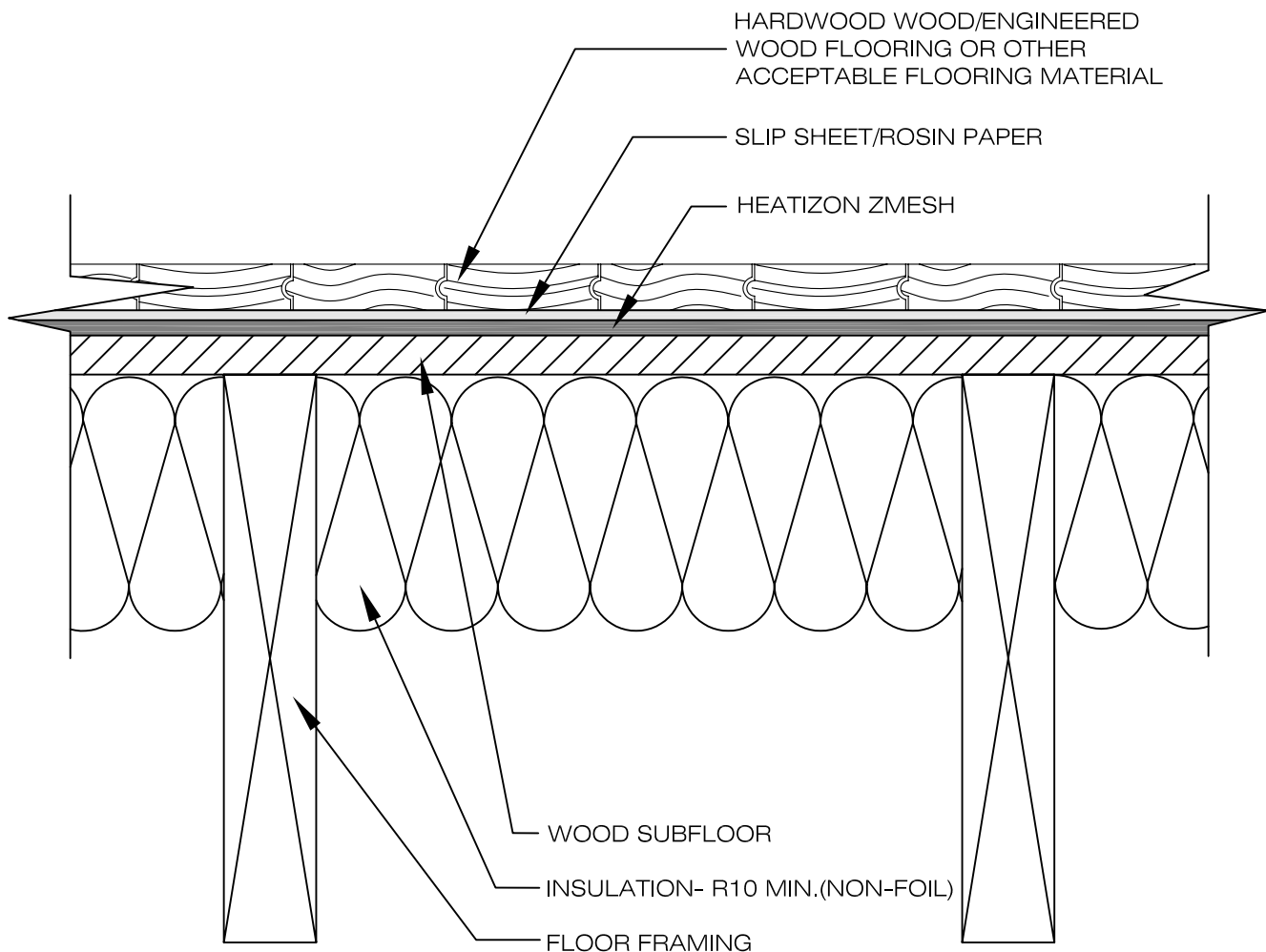
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WARNING!!

DO NOT CUT OR DAMAGE ZMESH. DO NOT ALLOW ZMESH TO COME INTO CONTACT WITH ANY OTHER ELECTRICALLY CONDUCTIVE MATERIAL. DO NOT FASTEN THROUGH ANY ELECTRICALLY CONDUCTIVE MATERIAL AND ZMESH SIMULTANEOUSLY.

NOTE:

HEATIZON SYSTEMS RECOMMENDS THAT THE RADIANT FLOORING GUIDE, PUBLISHED BY THE RADIANT PANEL ASSOCIATION BE CONSULTED PRIOR TO SELECTING FLOOR COVERINGS. IN ADDITION, ALWAYS CONSULT YOUR FLOOR COVERING SUPPLIER ABOUT THE SUITABILITY OF FLOOR COVERINGS FOR INSTALLATION OVER IN-FLOOR RADIANT HEATING PRODUCTS.



DRAWING NO.:

FH-1

**ZMESH UNDER HARDWOOD
FLOORING ON WOOD SUBFLOOR**

DRAWING BY:

ACI

DATE:

NOV 2009

HEATIZON SYSTEMS

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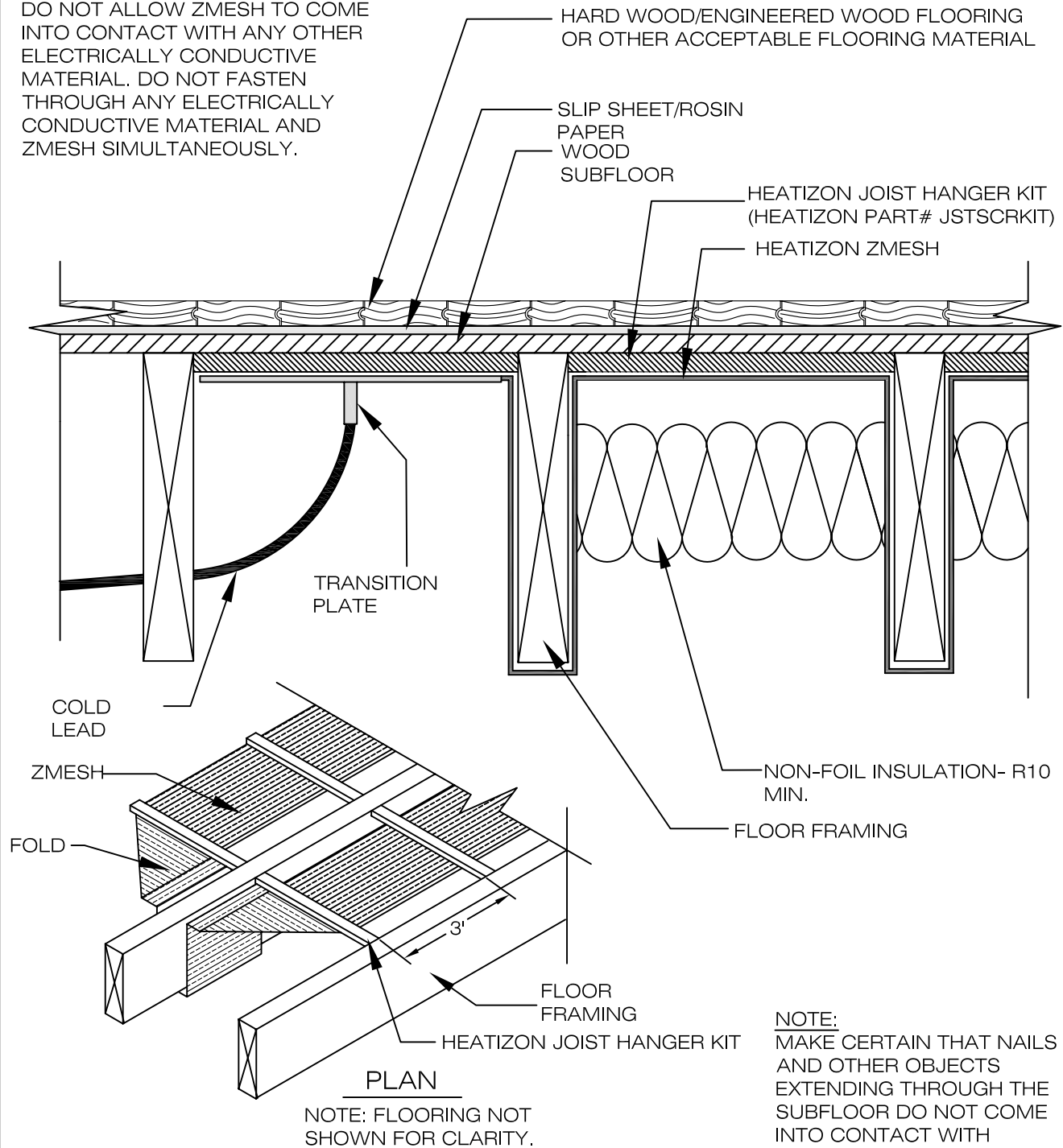
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WARNING!!

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DO NOT ALLOW ZMESH TO COME
INTO CONTACT WITH ANY OTHER
ELECTRICALLY CONDUCTIVE
MATERIAL. DO NOT FASTEN
THROUGH ANY ELECTRICALLY
CONDUCTIVE MATERIAL AND
ZMESH SIMULTANEOUSLY.



DRAWING NO.:

FH-1M

**ZMESH RETROFIT UNDER
WOOD SUBFLOOR**

DRAWING BY:

ACI

DATE:

NOV 2009

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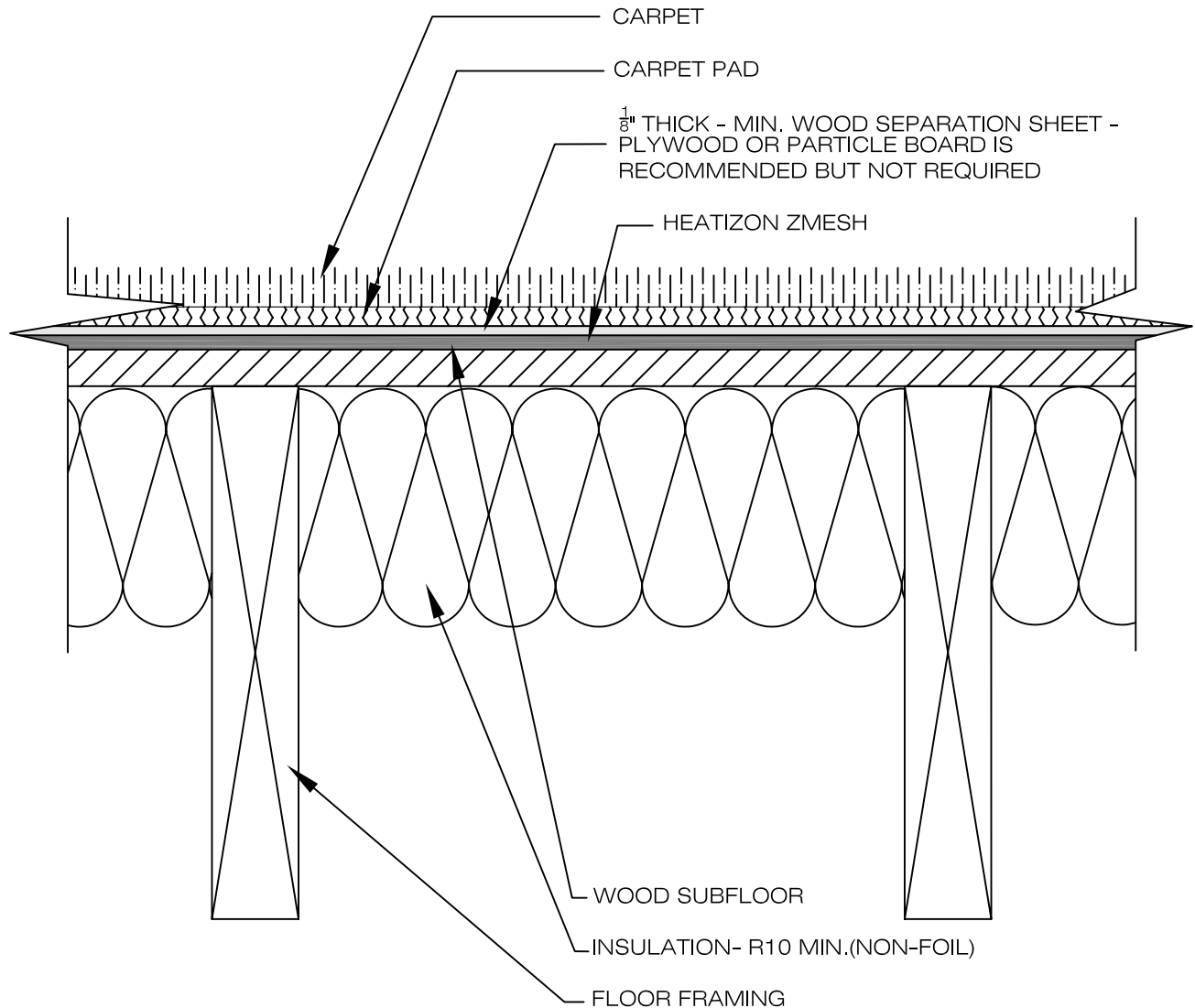
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WARNING!!
DO NOT CUT OR DAMAGE ZMESH.
DO NOT ALLOW ZMESH TO COME
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CONDUCTIVE MATERIAL AND
ZMESH SIMULTANEOUSLY.

NOTE:
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RADIANT FLOORING GUIDE, PUBLISHED BY
THE RADIANT PANEL ASSOCIATION BE
CONSULTED PRIOR TO SELECTING FLOOR
COVERINGS. IN ADDITION, ALWAYS CONSULT
YOUR FLOOR COVERING SUPPLIER ABOUT
THE SUITABILITY OF FLOOR COVERINGS FOR
INSTALLATION OVER IN-FLOOR RADIANT
HEATING PRODUCTS.



DRAWING NO.:

FH-2

ZMESH UNDER CARPET ON WOOD SUBFLOOR

DRAWING BY:

ACI

DATE:

NOV 2009

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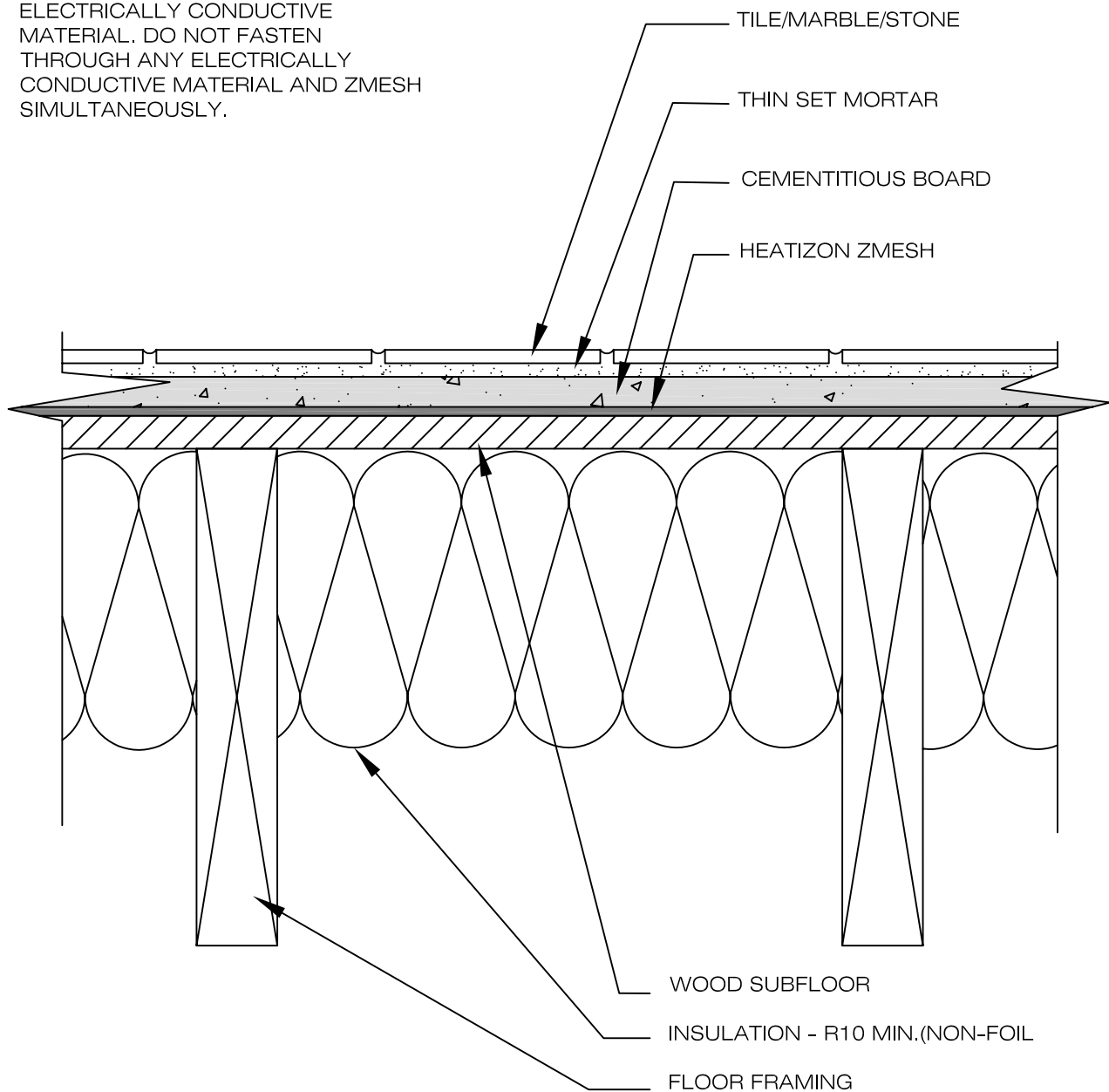
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 SIMULTANEOUSLY.



DRAWING NO.:

FH-3

**ZMESH UNDER TILE/STONE & FIBER
 CEMENT BOARD ON WOOD SUBFLOOR**

DRAWING BY:

ACI

DATE:

NOV 2009

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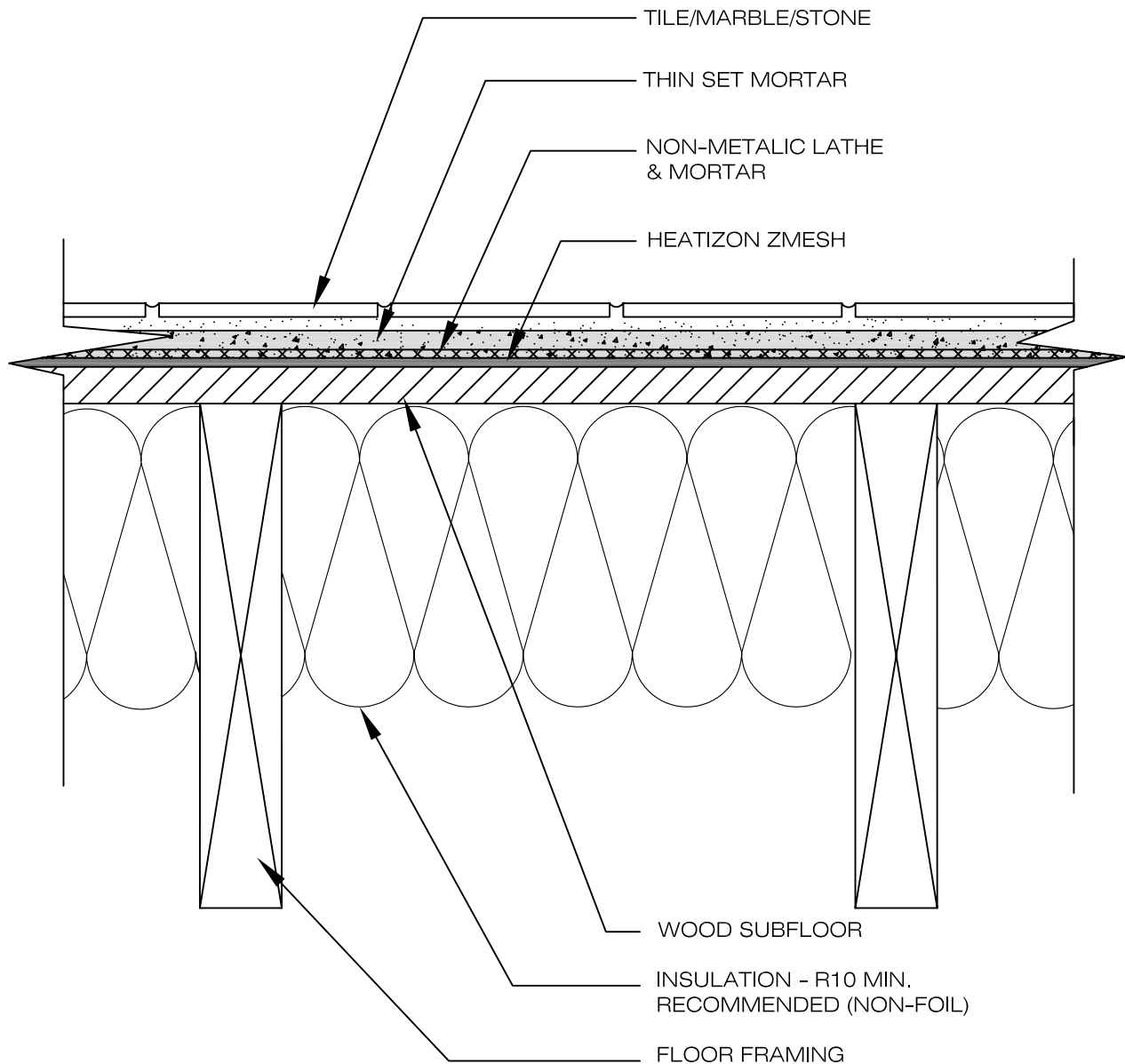
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WARNING!!

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DRAWING NO.:

FH-4

**ZMESH UNDER TILE/STONE w/PLASTIC
LATHE ON WOOD SUBFLOOR**

DRAWING BY:

ACI

DATE:

NOV 2009

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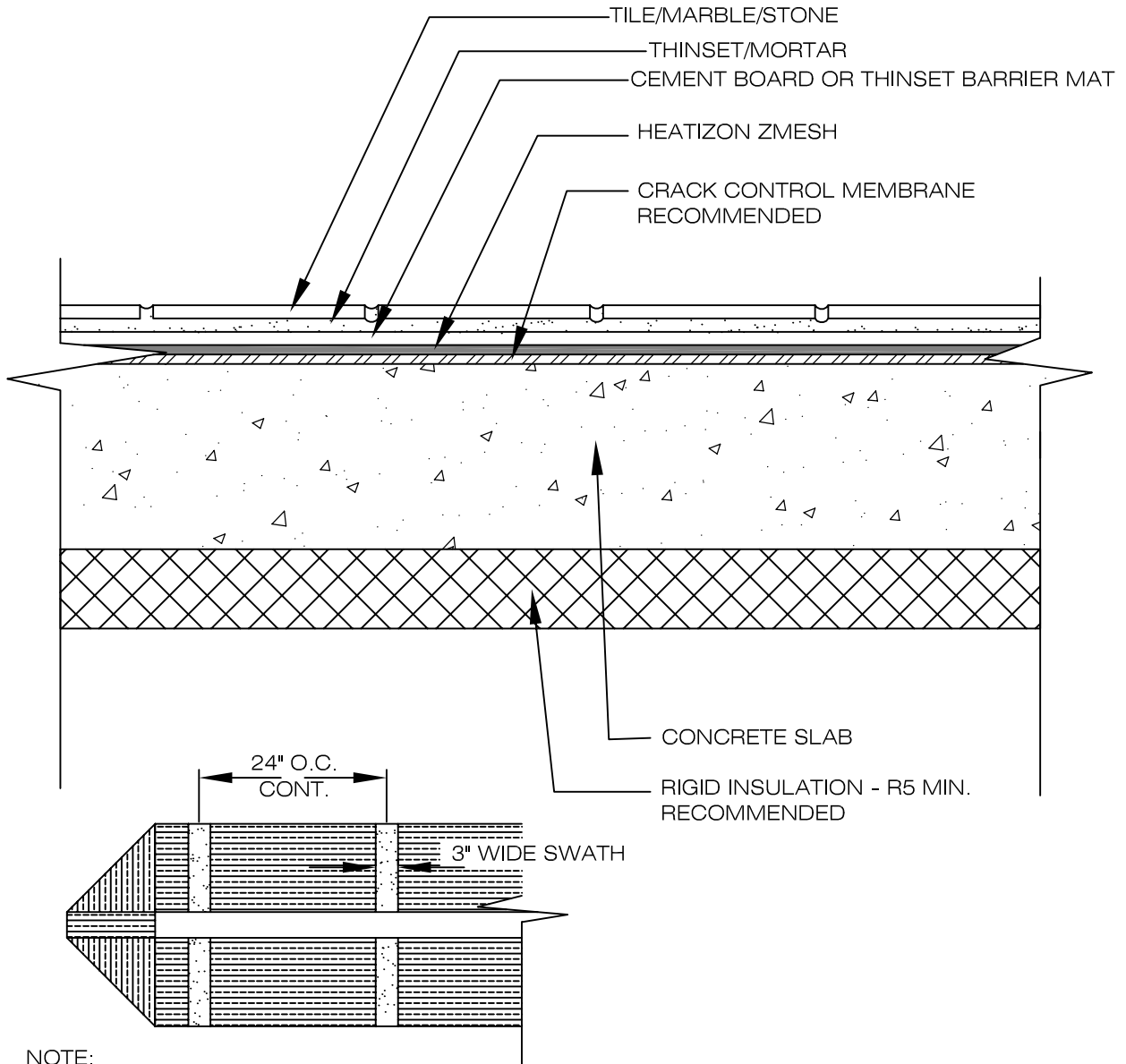
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NOTE:

IF INSTALLATION OF ZMESH IS ON CONCRETE, USE A FLOORING ADHESIVE TO HOLD THE ZMESH IN PLACE. PLACE 3" WIDE SWATHS OF ADHESIVE ACROSS THE ZMESH.

DRAWING NO.:

FH-5

**ZMESH UNDER TILE/STONE
ON CONCRETE SLAB**

DRAWING BY:

RJB

DATE:

DEC 2012

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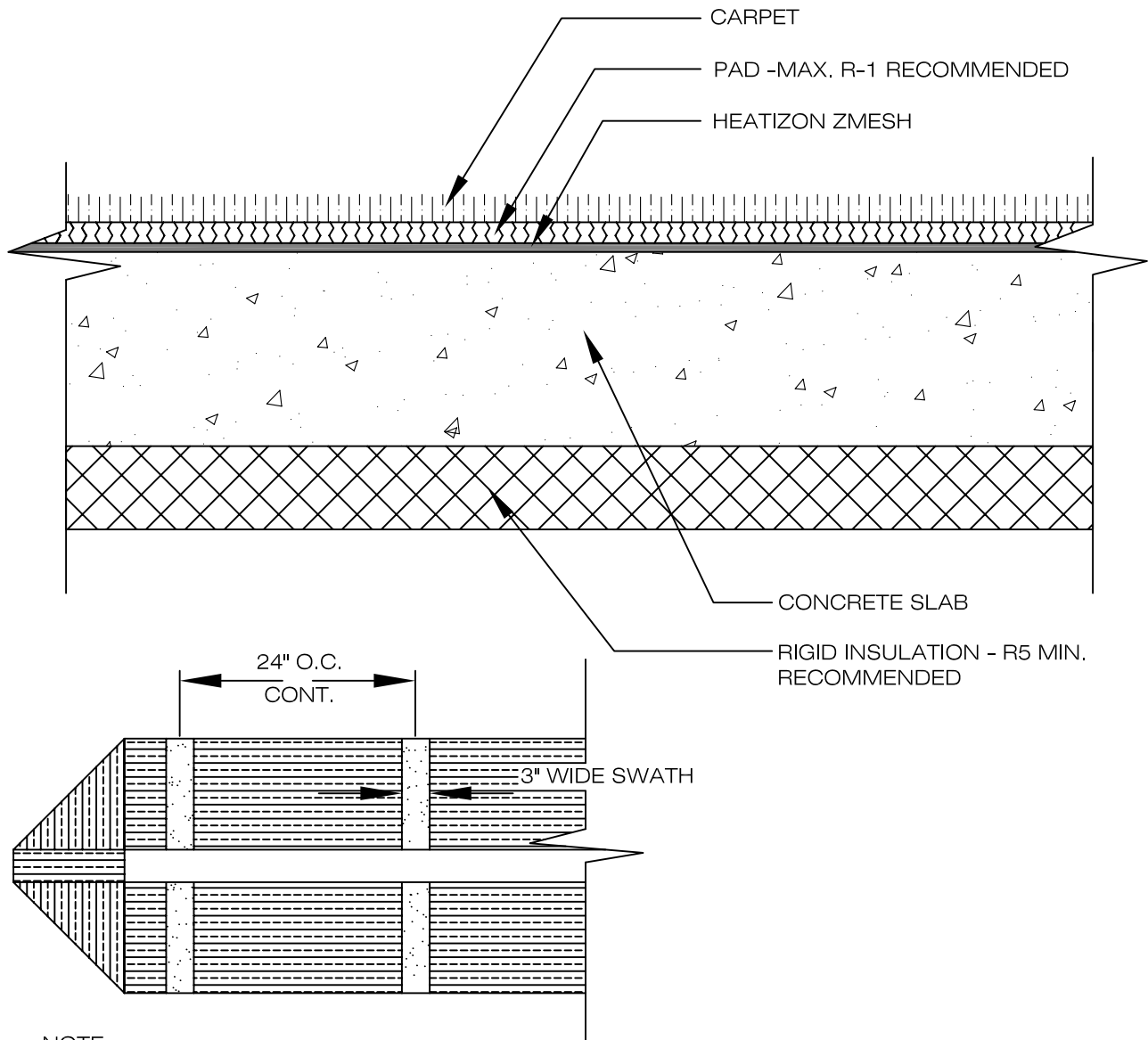
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DRAWING NO.:

FH-8

**ZMESH UNDER CARPET & PAD ON
CONCRETE SLAB**

DRAWING BY:

ACI

DATE:

NOV 2009

HEATIZON SYSTEMS

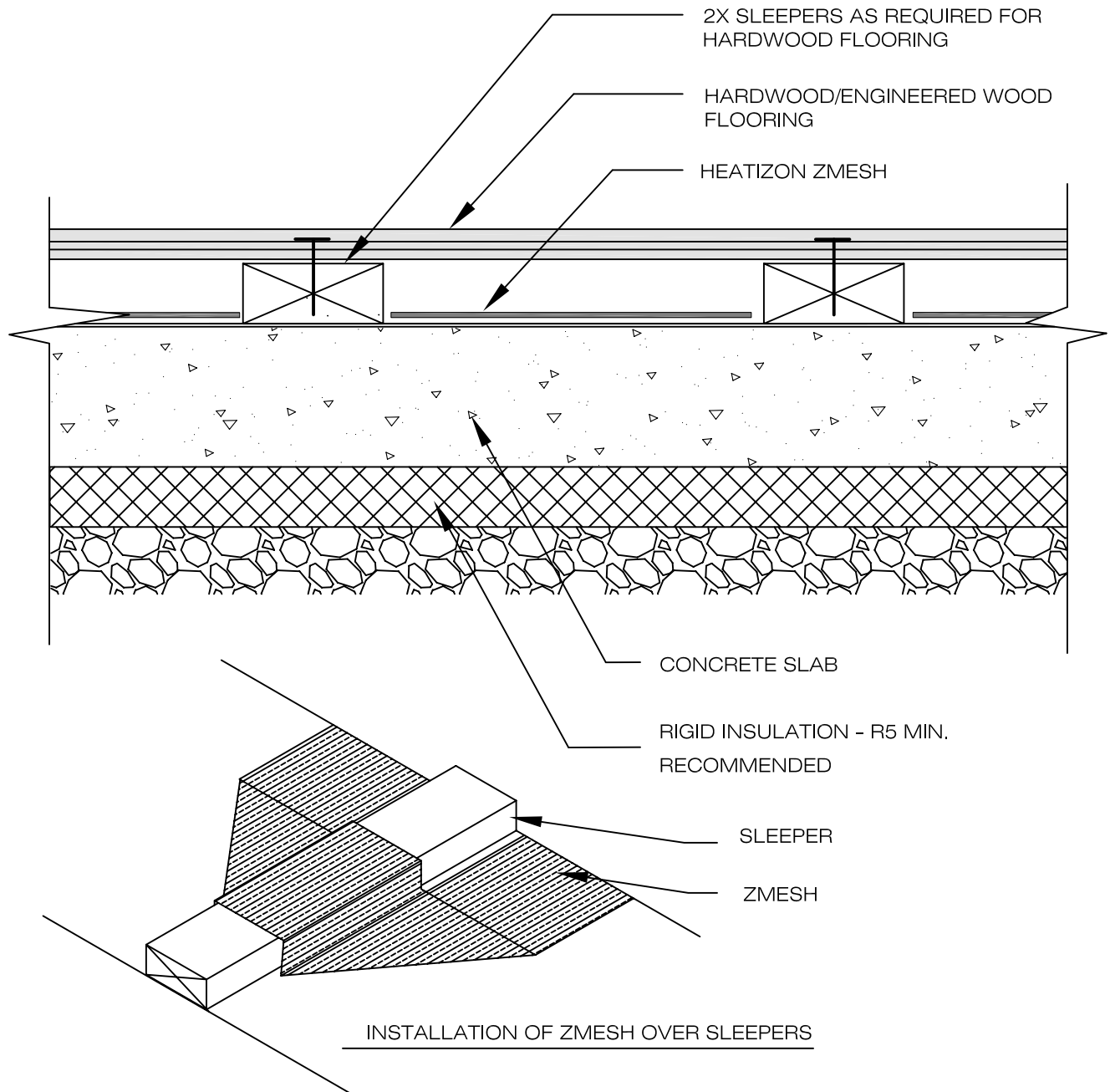
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MATERIAL AND ZMESH
SIMULTANEOUSLY.



DRAWING NO.:

FH-12

**ZMESH ON CONCRETE
UNDER HARDWOOD/ENGINEERED WOOD**

DRAWING BY:

ACI

DATE:

NOV 2009

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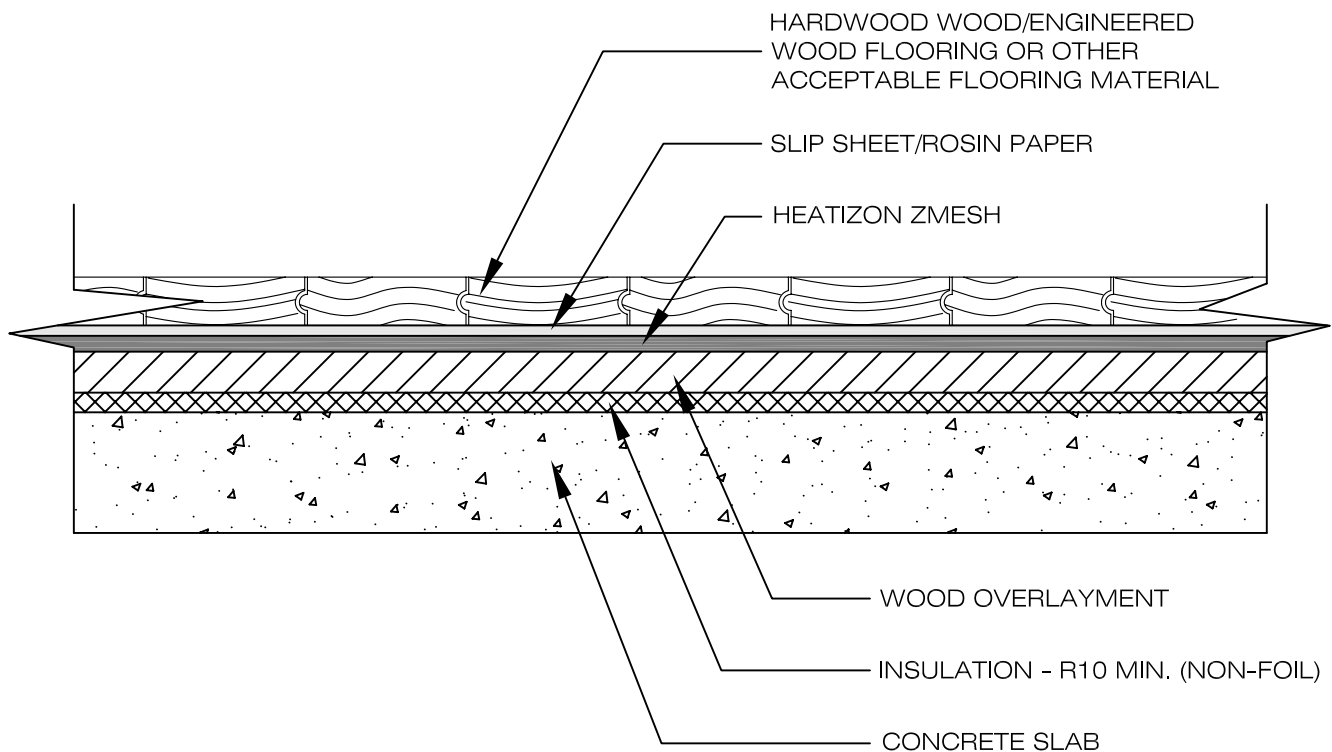
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DRAWING NO.:

FH-12A

**ZMESH UNDER HARDWOOD FLOORING
ON WOOD SUBFLOOR ON CONCRETE**

DRAWING BY:

ACI

DATE:

JAN 2011

HEATIZON SYSTEMS

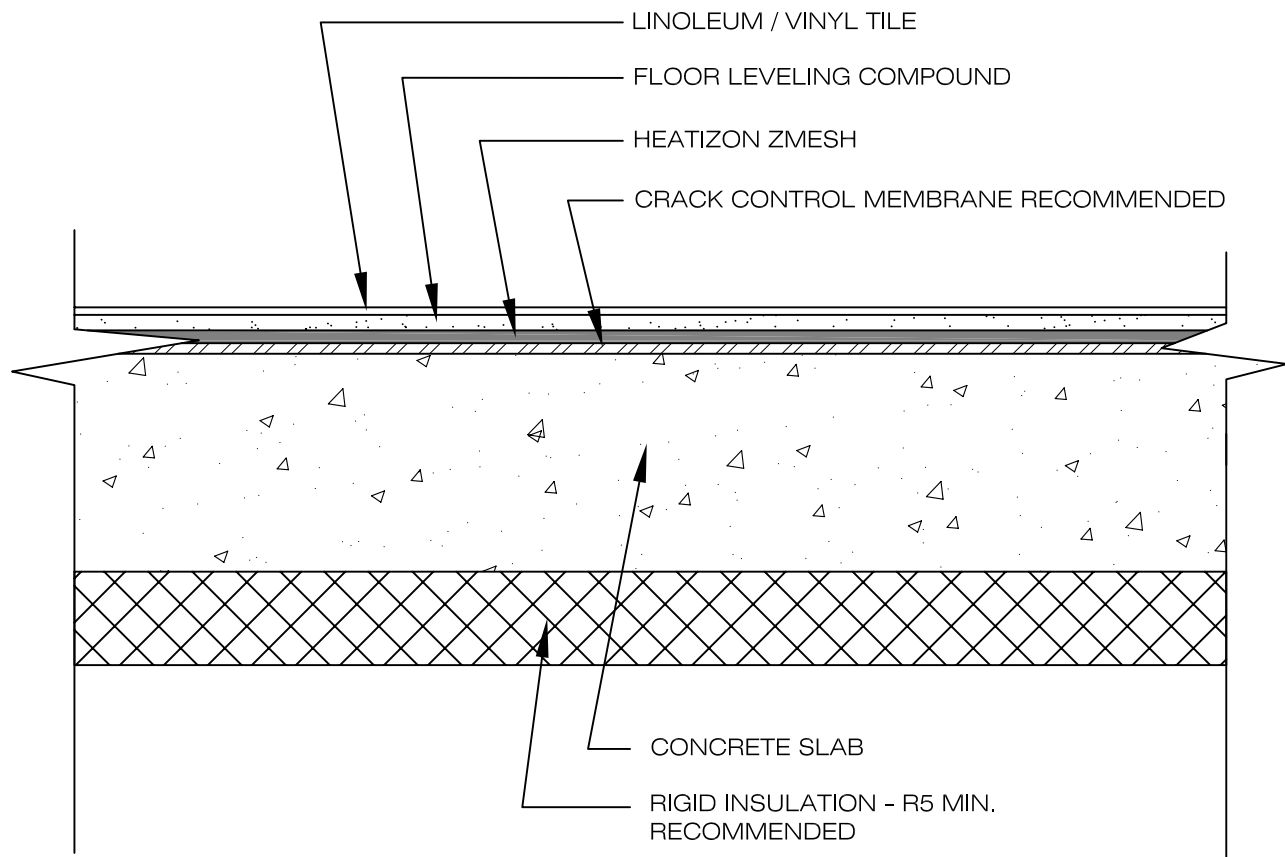
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AND ZMESH SIMULTANEOUSLY.



DRAWING NO.:

FH-14

**ZMESH UNDER LINOLEUM/VINYL
ON CONCRETE SLAB**

DRAWING BY:

ACI

DATE:

NOV 2009

HEATIZON SYSTEMS

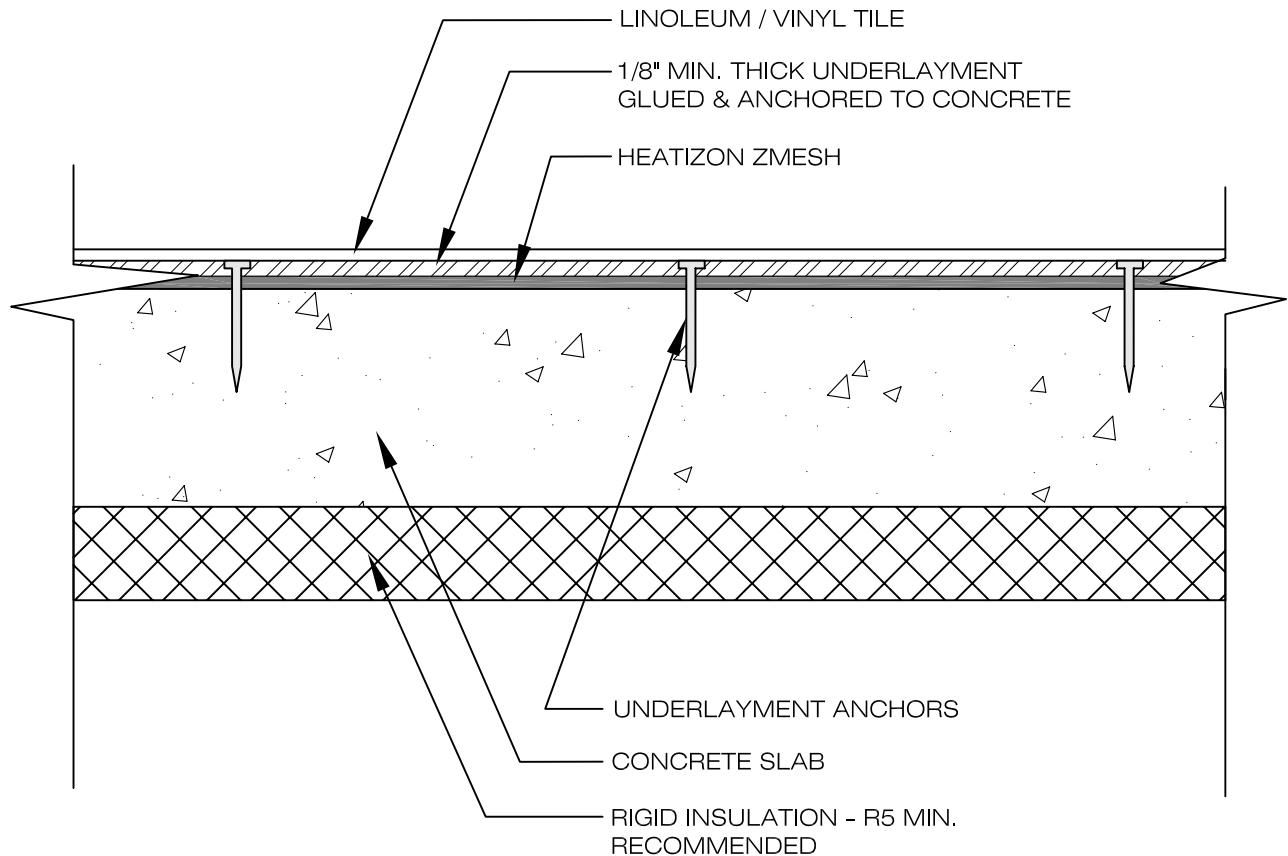
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SIMULTANEOUSLY.



DRAWING NO.:

FH-15

**ZMESH w/UNDERLAYMENT UNDER
LINOLEUM/VINYL ON CONCRETE SLAB**

DRAWING BY:

ACI

DATE:

NOV 2009

HEATIZON SYSTEMS

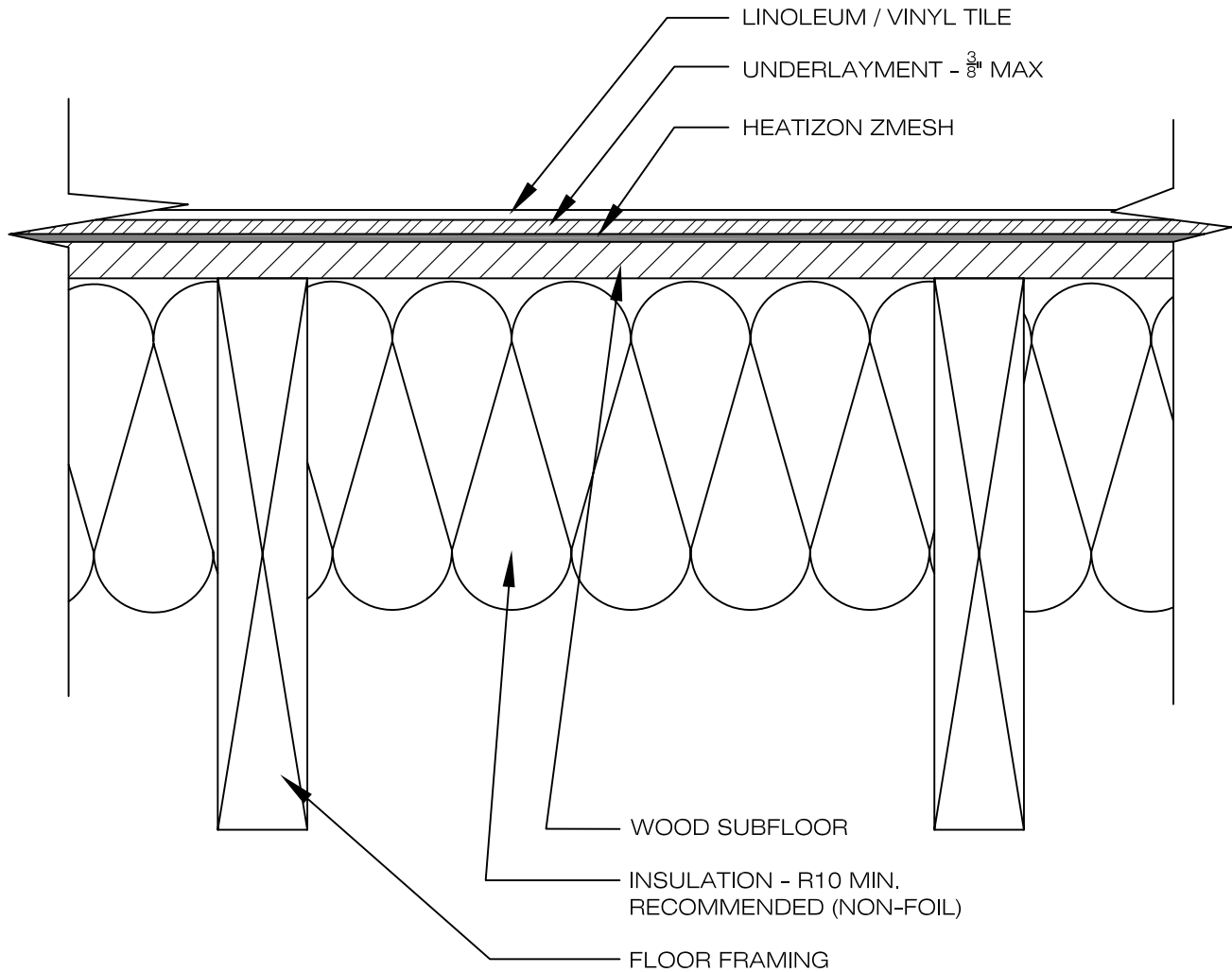
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 SIMULTANEOUSLY.
 METAL LATHE SHALL NOT BE
 USED IN SAME INSTALLATION AS
 HEATIZON ZMESH.



DRAWING NO.:

FH-16

**ZMESH BELOW LINOLEUM/VINYL &
 UNDERLAYMENT ON WOOD SUBFLOOR**

DRAWING BY:

ACI

DATE:

NOV 2009

HEATIZON SYSTEMS

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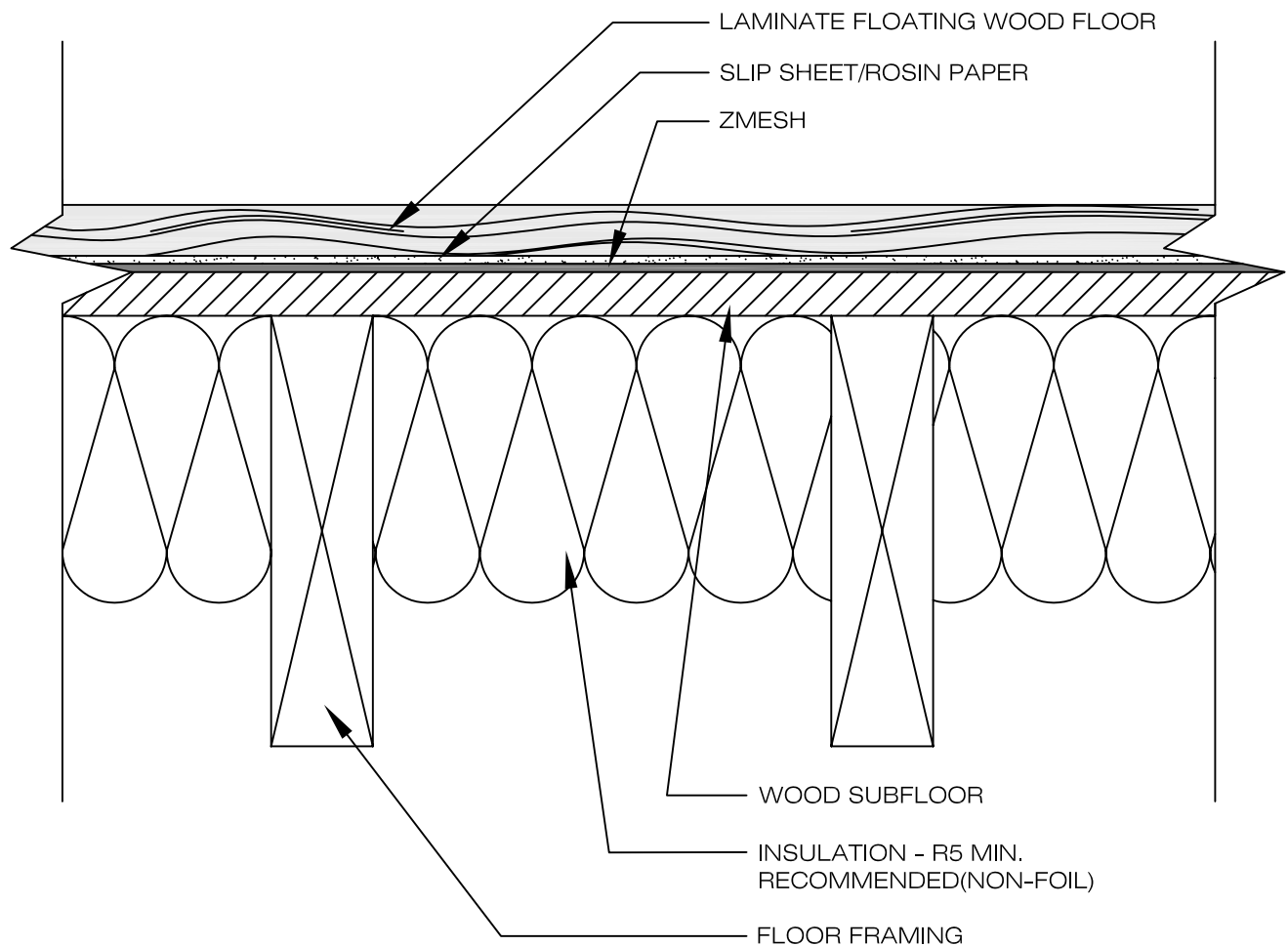
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ZMESH SIMULTANEOUSLY.



DRAWING NO.:

FH-17

**ZMESH UNDER LAMINATE FLOATING
WOOD FLOORING ON WOOD SUBFLOOR**

DRAWING BY:

ACI

DATE:

NOV 2009

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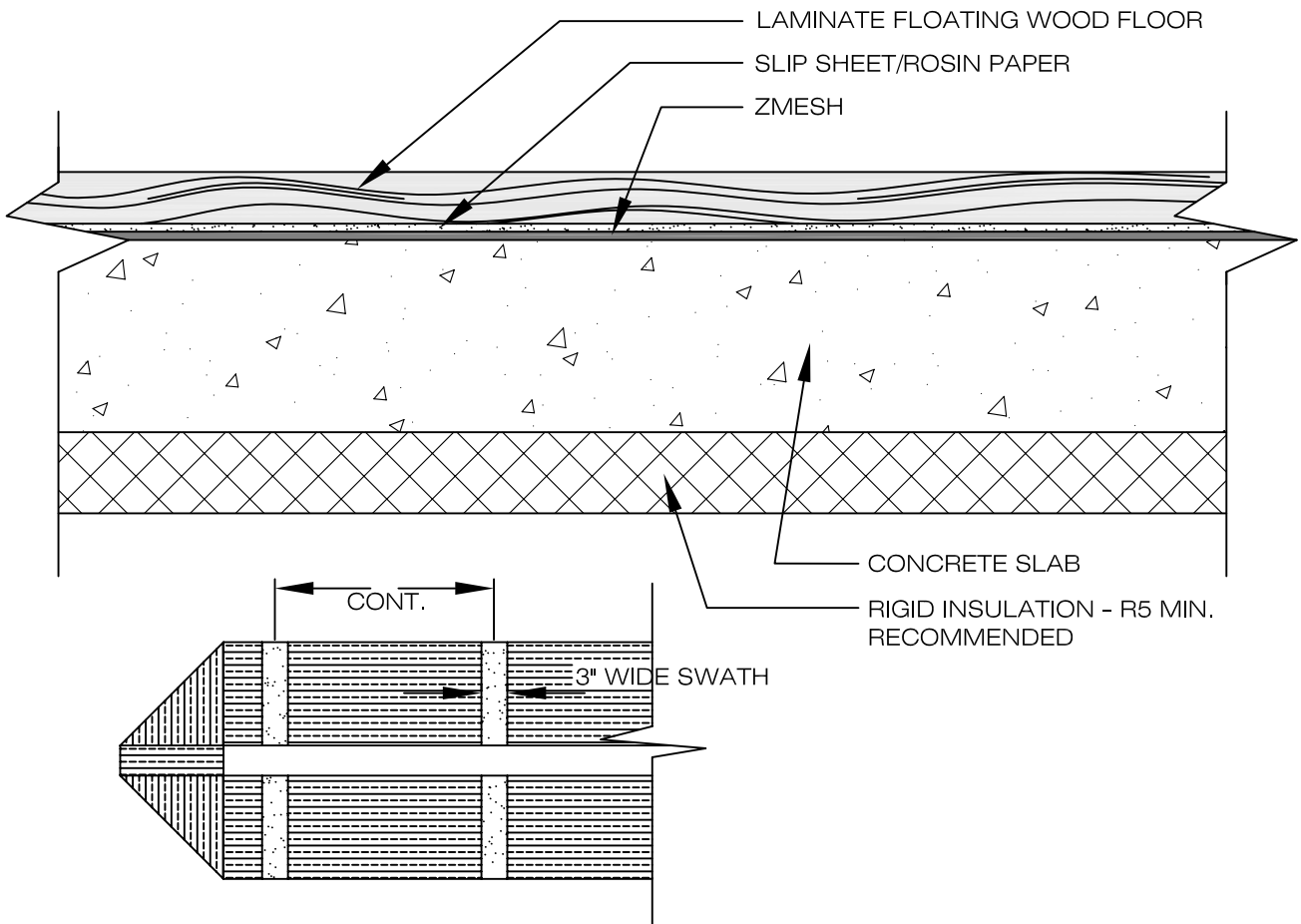
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NOTE:

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DRAWING NO.:

FH-18

**ZMESH UNDER LAMINATE FLOATING
WOOD FLOORING ON CONCRRETE SLAB**

DRAWING BY:

ACI

DATE:

NOV 2009

HEATIZON SYSTEMS

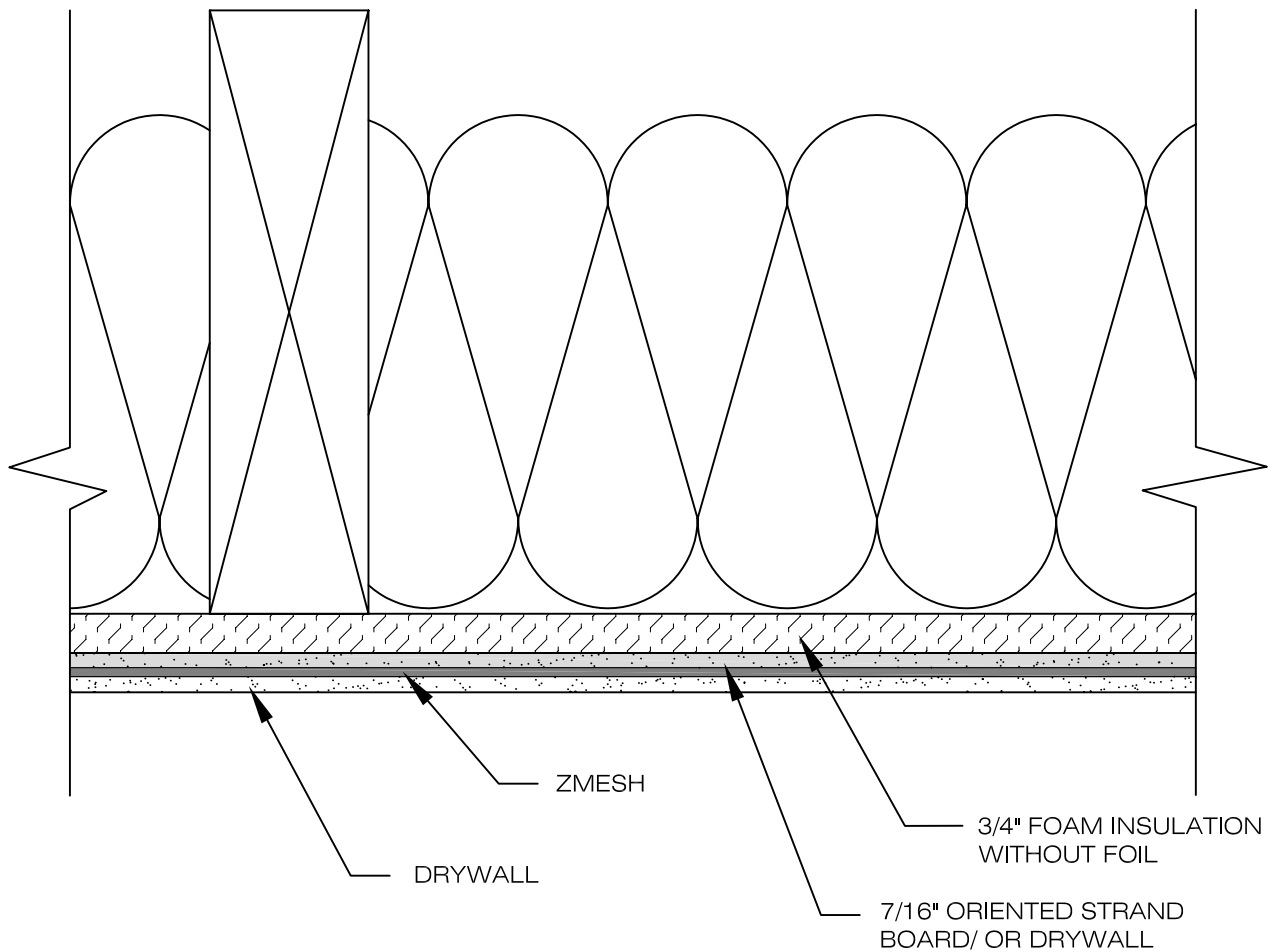
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NOTE:

HEATIZON'S ZMESH PRODUCT IS LISTED TO UL AND CSA STANDARDS, HOWEVER THIS APPLICATION IS NOT SPECIFICALLY INCLUDED IN THOSE LISTINGS. INSTALL AS CALLED FOR BY THE NEC OR CEC.

DRAWING NO.:

IH-19

ZMESH IN CEILING - CEILING DETAIL

DRAWING BY:

ACI

DATE:

NOV 2009

HEATIZON SYSTEMS

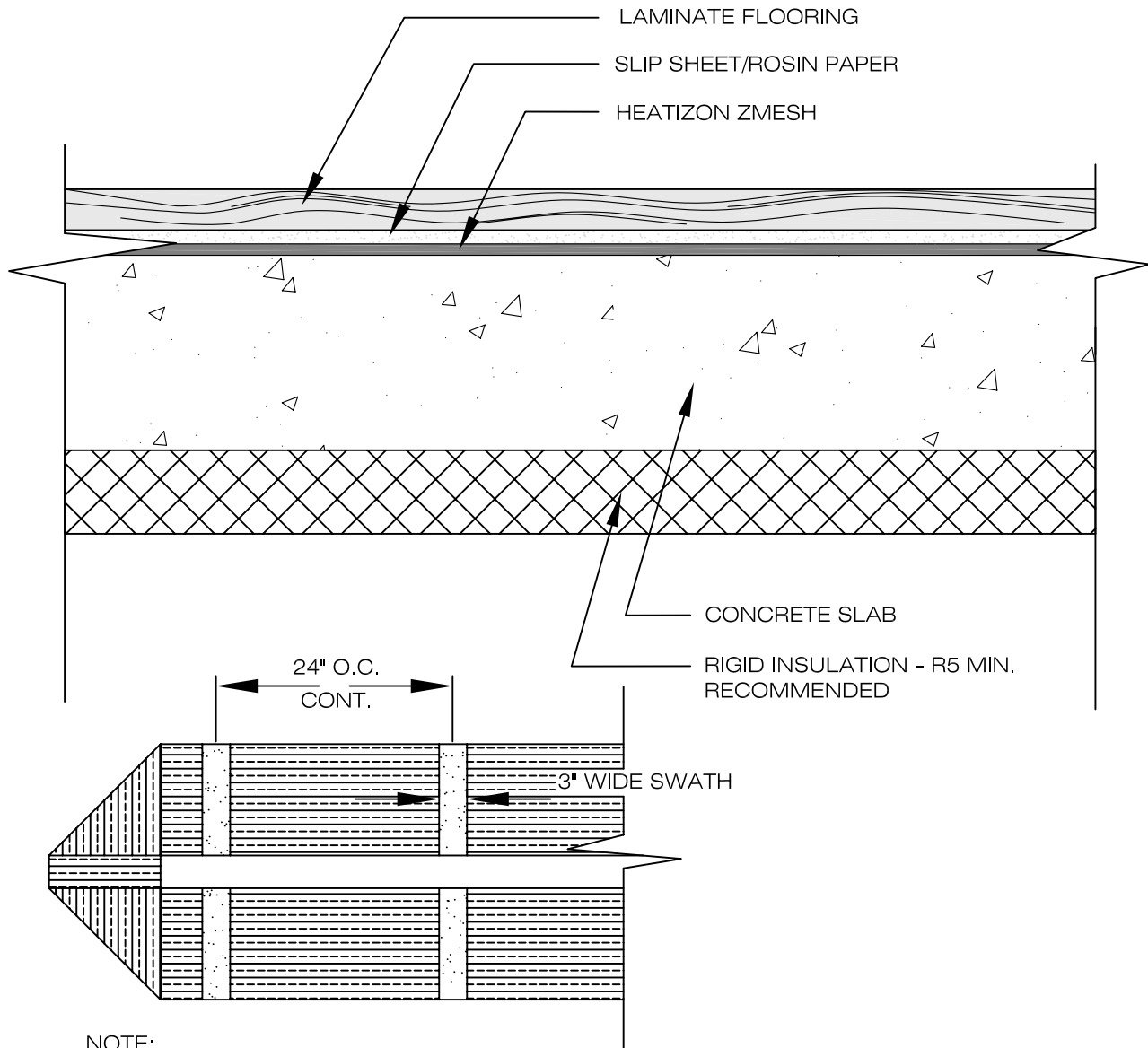
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NOTE:
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FLOORING ADHESIVE TO HOLD THE ZMESH IN PLACE.
PLACE 3" WIDE SWATHS OF ADHESIVE ACROSS THE ZMESH.

DRAWING NO.:

FH-20

ZMESH UNDER LAMINATE FLOORING ON CONCRETE SLAB

DRAWING BY:

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DATE:

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