



State of Utah

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Lieutenant Governor

Department of Administrative Services

KIMBERLY K. HOOD
Executive Director

Division of Facilities Construction and Management

DAVID G. BUXTON
Director

ADDENDUM #1

Date: October 25, 2007

To: Contractors

From: Mike Ambre, Project Manager, DFCM

Reference: Roofing Improvements – Technology Building
Dixie State College – St. George, Utah
DFCM Project No. 07150640

Subject: **Addendum No. 1**

Pages	Addendum	1	page
	<u>Architects Addendum</u>	<u>15</u>	<u>pages</u>
	Total	16	pages

Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to Disqualification.

1.1 SCHEDULE CHANGES – There are no changes to the Project Schedule.

1.2 GENERAL – Axis Architects – Drawings.

PLEASE NOTE: Do not use the bid form located in the specifications (00410), only DFCM's bid form will be excepted.

October 25, 2007

Michael Ambre
State of Utah
Department of Administrative Services
Division of Facilities Construction and Management
State Office Building Room 4110
Salt Lake City, UT 84114

Dear Mike,

The following are items for your first addendum on the Dixie State College, Technology Building Roofing Improvements. DFCM Job # 07150640

ADDENDUM # 1 ITEMS:

Drawings:

- Sheet AD101 Revised Demolition Keynote # 6 See attached revised sheet AD101.
- Sheet AD102 Revised Demolition Keynote # 6 See attached revised sheet AD102.
- Sheet AE101 Revised Construction Keynote 7B See attached revised sheet AE101.
- Sheet AE102 Revised Construction Keynote 7B See attached revised sheet AE102.

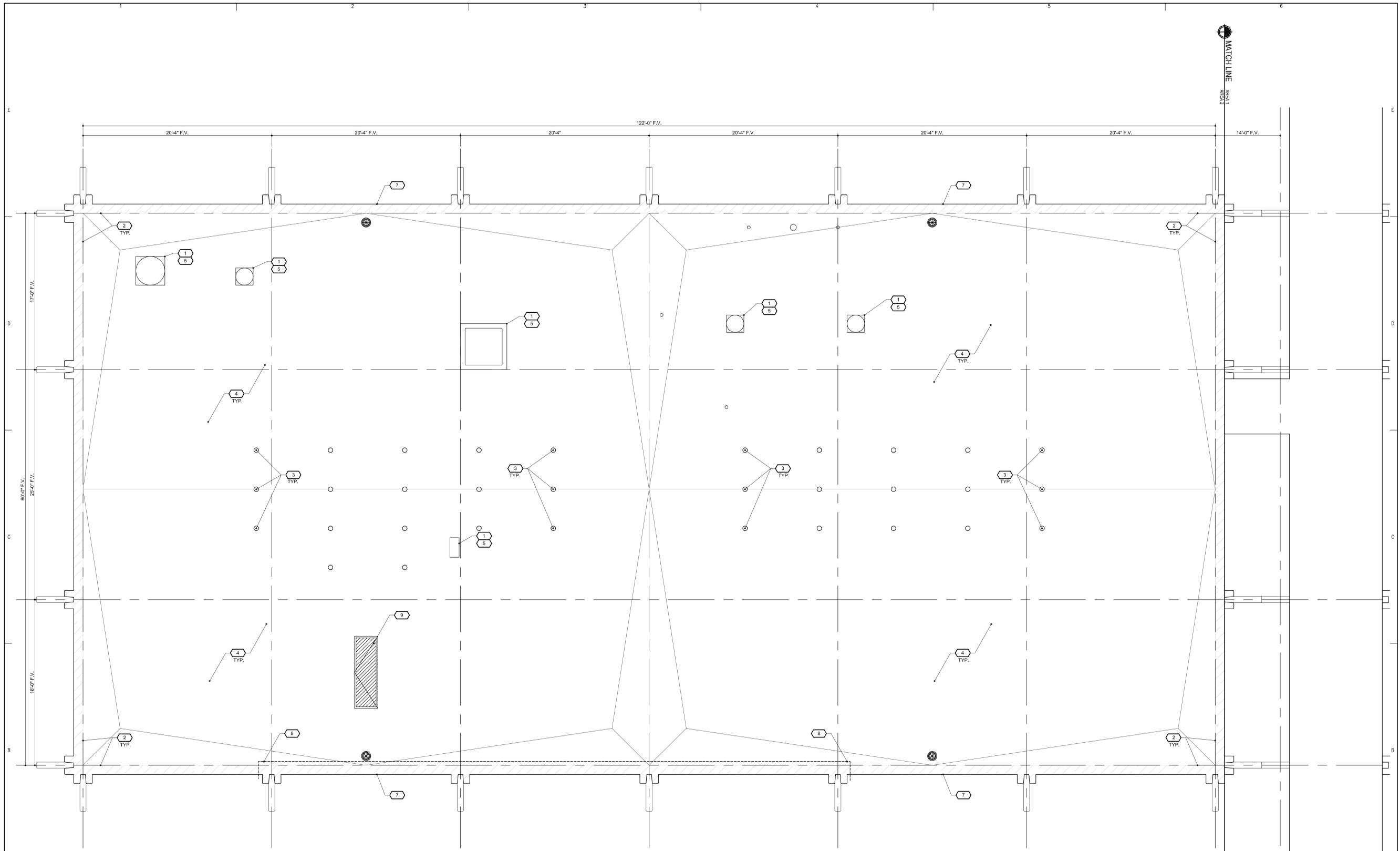
PROJECT MANUAL ITEMS:

- Delete previous approved Substrate Board "Johns Manville "invinsa" as an approved manufacturer.
- Delete Section 07540-6 Paragraph 2.8 adhesive.
- Section 07540-5-2.2 and 2.3 – A Add GAF as an approved manufacturer for both PVC and TPO.
- Sections 07540-2.6 add Polyisocyanurate tapered insulation as an alternate material.
- Section 07540-2.6 Q. Polyisocyanurate insulation shall be installed in (1) one layer in lieu of the specified two layer system. See revised attached details.
- Delete Section 07540-2.8 Asphalt Materials.

DETAILS ITEMS:

- Revise details RF-01- RF-10 See attached details RF-01- RF-10.
- Note contractor to add new additional wood nailers at perimeter of all roofs, typical to accommodate for the new insulation dept at perimeter of roof area.

END OF ITEMS FOR ADDENDUM # 1



**TECHNOLOGY BUILDING
DEMOLITION ROOF PLAN**
SCALE: 1/4"=1'-0"

- DEMOLITION KEY NOTES**
- 1 REMOVE ALL EXISTING MECHANICAL UNITS FROM ROOF. SALVAGE FOR RE-USE. CONTRACTOR TO COORDINATE SAFE STORAGE LOCATION WITH OWNER.
 - 2 REMOVE METAL PARAPET CAP FLASHING
 - 3 REMOVE EXISTING PITCH PANS WITH METAL ANCHORS.
 - 4 REMOVE EXISTING ROOFING SYSTEM DOWN TO CONCRETE ROOF DECK. EXISTING CONCRETE CRICKETS TO REMAIN
 - 5 EXTEND EXISTING MECHANICAL CURBS MIN. 4" A.F.R.
 - 6 REMOVE EXISTING ROOFING SYSTEM DOWN TO EXISTING CONCRETE ROOF DECK. ALL LIGHTWEIGHT CONCRETE CRICKETS TO SCUPPER DRAINS SHALL REMAIN.
 - 7 CORE DRILL CONCRETE DECK AND EXTERIOR MASONRY WALL FOR NEW OVER FLOW DRAIN LINE.
 - 8 REMOVE ELECTRICAL CONDUIT FROM TOP OF CAP FLASHING REINSTALL AT FACE OF MASONRY WALL
 - 9 EXISTING ROOF ACCESS HATCH TO REMAIN
 - 10 REMOVE EXISTING GRAVEL STOP AND METAL SCUPPER
 - 11 REMOVE EXISTING SURFACE MOUNTED FLASHING

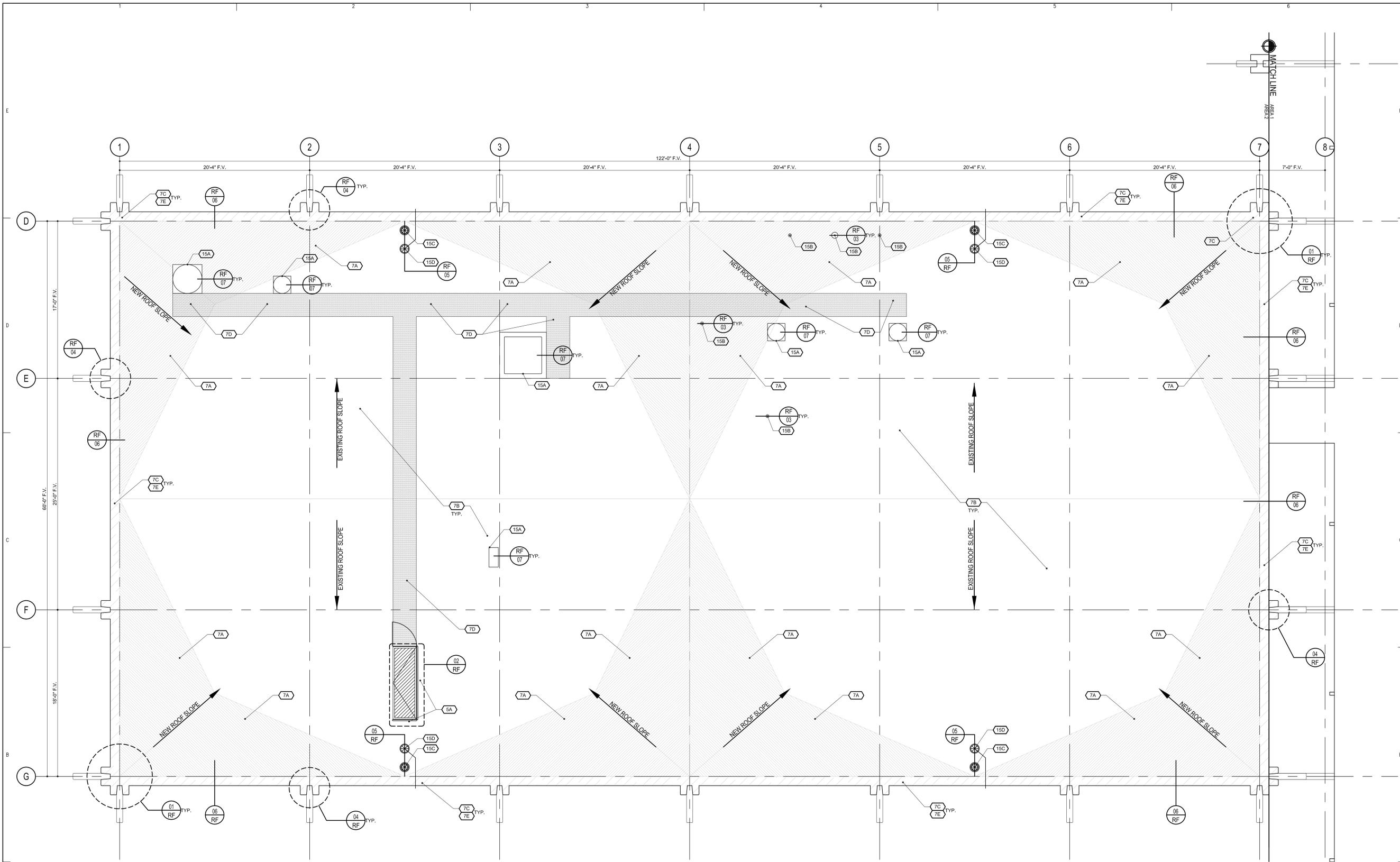
- GENERAL DEMOLITION NOTES**
1. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
 2. WHERE EXISTING ROOF DEMOLITION IS INDICATED, MEASURES MUST BE TAKEN TO AVOID DAMAGING OTHER BUILDING ELEMENTS.
 3. CONTRACTOR TO PROVIDED TEMP CONSTRUCTION FENCING AROUND BUILDING DURING DEMOLITION AND RE-ROOFING.
 4. CONTRACTOR TO COORDINATE DEMOLITION STAGING AREAS WITH OWNER.
 5. CONTRACTOR TO PROTECT EXISTING CONCRETE CRICKETS DURING CONSTRUCTION.

Technology Building Re-Roof
Dixie State College of Utah
 225 S 700 E St. George Utah 84770
 Construction Documents

Revision #	Date
ADDENDUM A	10-24-07

Axis Job # 0722
 Owner # DFCM# 07150640
 Date 09-17-07
 Drawn SF
 Checked AT

DEMOLITION ROOF PLAN



CONSTRUCTION KEYED NOTES

- 5. METALS:
 - 5A PRE MANUFACTURED GUARD RAIL SYSTEM AND GATE. GUARD RAIL SYSTEM MOUNTS TO THE EXISTING ROOF HATCH CURB. ENSURE EXISTING CURB IS A MIN. OF 8" ABOVE FINISHED ROOF SURFACE. REPAINT ROOF HATCH TO MATCH PRE FINISHED METAL COLOR. TYP.
 - 7: MOISTURE AND THERMAL PROTECTION
 - 7A NEW TAPERED RIGID INSULATION OVER EXISTING CONCRETE CRICKET SLOPE TO DRAIN.
 - 7B NEW FULLY ADHERED SINGLE PLY MEMBRANE OVER SCHEDULED ROOF SHEATHING OVER 1/2" POLYISO. INSULATION OVER ENTIRE ROOF TYP.
 - 7C NEW FULLY ADHERED SINGLE PLY MEMBRANE TO WRAP UP AND UNDER PARAPET CAP TYP.
 - 7D WALK PAD OVER NEW SINGLE PLY MEMBRANE AS INDICATED HIGHLIGHTED.
 - 7E NEW PRE-FINISHED METAL PARAPET WALL CAP FLASHING.
 - 7F PRE-FINISHED METAL FLASHING AT ROOF EDGE TYPICAL.
- 15. MECHANICAL:
 - 15A MECHANICAL CURB, 8" MIN. ABOVE FINISHED ROOF INSTALL EXISTING MECHANICAL UNIT. CONNECT POWER AND UTILITIES.
 - 15B USE MANUFACTURERS PIPE FLASHING AT ALL ROOF PENETRATIONS TO 8" MIN. ABOVE FINISHED ROOF TYP.
 - 15C EXISTING ROOF DRAIN TO REMAIN. REPLACE ANY DAMAGED COMPONENTS.
 - 15D NEW OVERFLOW SECONDARY DRAIN, LINE AND SCUPPER

NEW CONSTRUCTION GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY THE SIZE AND LOCATION OF ALL ROOFTOP EQUIPMENT, CURBS AND PENETRATIONS INDICATED ON THE CONSTRUCTION DOCUMENTS AND IN THE FIELD PRIOR TO BID.
2. CONTRACTOR SHALL RECONNECT ALL PLUMBING, ELECTRICAL AND CONTROL CONNECTIONS TO ALL ROOFTOP MECHANICAL EQUIPMENT.
3. RAISE ALL EXISTING ROOFTOP EQUIPMENT CURBS TO PROVIDE THE MINIMUM 8" CLEARANCE ABOVE THE NEW FINISHED ROOFING.
4. AVOID INSTALLATION OF ROOFING NEAR AIR INTAKE LOUVERS WHILE BUILDING IS OCCUPIED.
5. CONSTRUCTION STAGING AREA TO BE COORDINATED WITH OWNER PRIOR TO COMMENCEMENT OF CONSTRUCTION.

NORTH

A TECHNOLOGY BUILDING
NEW ROOF PLAN
SCALE: 1/4"=1'-0"

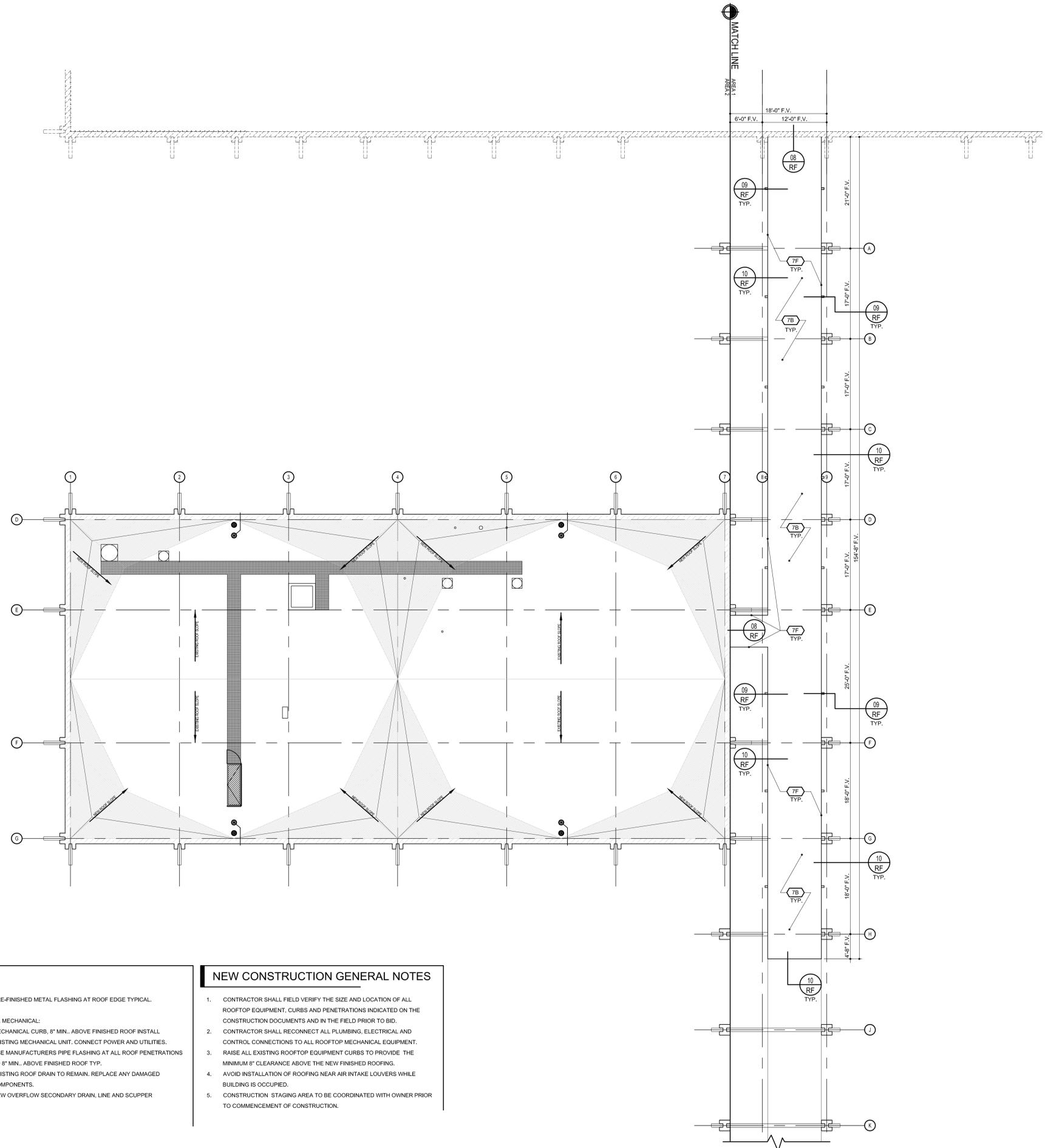
Technology Building Re-Roof
Dixie State College of Utah
 225 S 700 E St. George Utah 84770
 Construction Documents

Revision #	Date
ADDENDUM A	10-24-07

Axis Job # 0722
 Owner # DFCM# 07150640
 Date 09-17-07
 Drawn SF
 Checked AT

ROOF PLAN

AE102



CONSTRUCTION KEYED NOTES

5. METALS:
- 5A PRE MANUFACTURED GUARD RAIL SYSTEM AND GATE. GUARD RAIL SYSTEM MOUNTS TO THE EXISTING ROOF HATCH CURB. ENSURE EXISTING CURB IS A MIN. OF 8" ABOVE FINISHED ROOF SURFACE. REPAINT ROOF HATCH TO MATCH PRE FINISHED METAL COLOR. TYP.
7. MOISTURE AND THERMAL PROTECTION
- 7A NEW TAPERED RIGID INSULATION OVER EXISTING CONCRETE CRICKET-SLOPE TO DRAIN.
 - 7B NEW FULLY ADHERED SINGLE PLY MEMBRANE OVER SCHEDULED ROOF SHEATHING OVER 1/2" POLYISO. INSULATION OVER ENTIRE ROOF TYP.
 - 7C NEW FULLY ADHERED SINGLE PLY MEMBRANE TO WRAP UP AND UNDER PARAPET CAP TYP.
 - 7D WALK PAD OVER NEW SINGLE PLY MEMBRANE AS INDICATED HIGHLIGHTED.
 - 7E NEW PRE-FINISHED METAL PARAPET WALL CAP FLASHING.

NEW CONSTRUCTION GENERAL NOTES

- 7F PRE-FINISHED METAL FLASHING AT ROOF EDGE TYPICAL.
15. MECHANICAL:
- 15A MECHANICAL CURB, 8" MIN. ABOVE FINISHED ROOF INSTALL EXISTING MECHANICAL UNIT. CONNECT POWER AND UTILITIES.
 - 15B USE MANUFACTURERS PIPE FLASHING AT ALL ROOF PENETRATIONS TO 8" MIN. ABOVE FINISHED ROOF TYP.
 - 15C EXISTING ROOF DRAIN TO REMAIN. REPLACE ANY DAMAGED COMPONENTS.
 - 15D NEW OVERFLOW SECONDARY DRAIN, LINE AND SCUPPER
1. CONTRACTOR SHALL FIELD VERIFY THE SIZE AND LOCATION OF ALL ROOFTOP EQUIPMENT, CURBS AND PENETRATIONS INDICATED ON THE CONSTRUCTION DOCUMENTS AND IN THE FIELD PRIOR TO BID.
 2. CONTRACTOR SHALL RECONNECT ALL PLUMBING, ELECTRICAL AND CONTROL CONNECTIONS TO ALL ROOFTOP MECHANICAL EQUIPMENT.
 3. RAISE ALL EXISTING ROOFTOP EQUIPMENT CURBS TO PROVIDE THE MINIMUM 8" CLEARANCE ABOVE THE NEW FINISHED ROOFING.
 4. AVOID INSTALLATION OF ROOFING NEAR AIR INTAKE LOUVERS WHILE BUILDING IS OCCUPIED.
 5. CONSTRUCTION STAGING AREA TO BE COORDINATED WITH OWNER PRIOR TO COMMENCEMENT OF CONSTRUCTION.

TECHNOLOGY BUILDING
NEW ROOF PLAN
SCALE: 1/8"=1'-0"

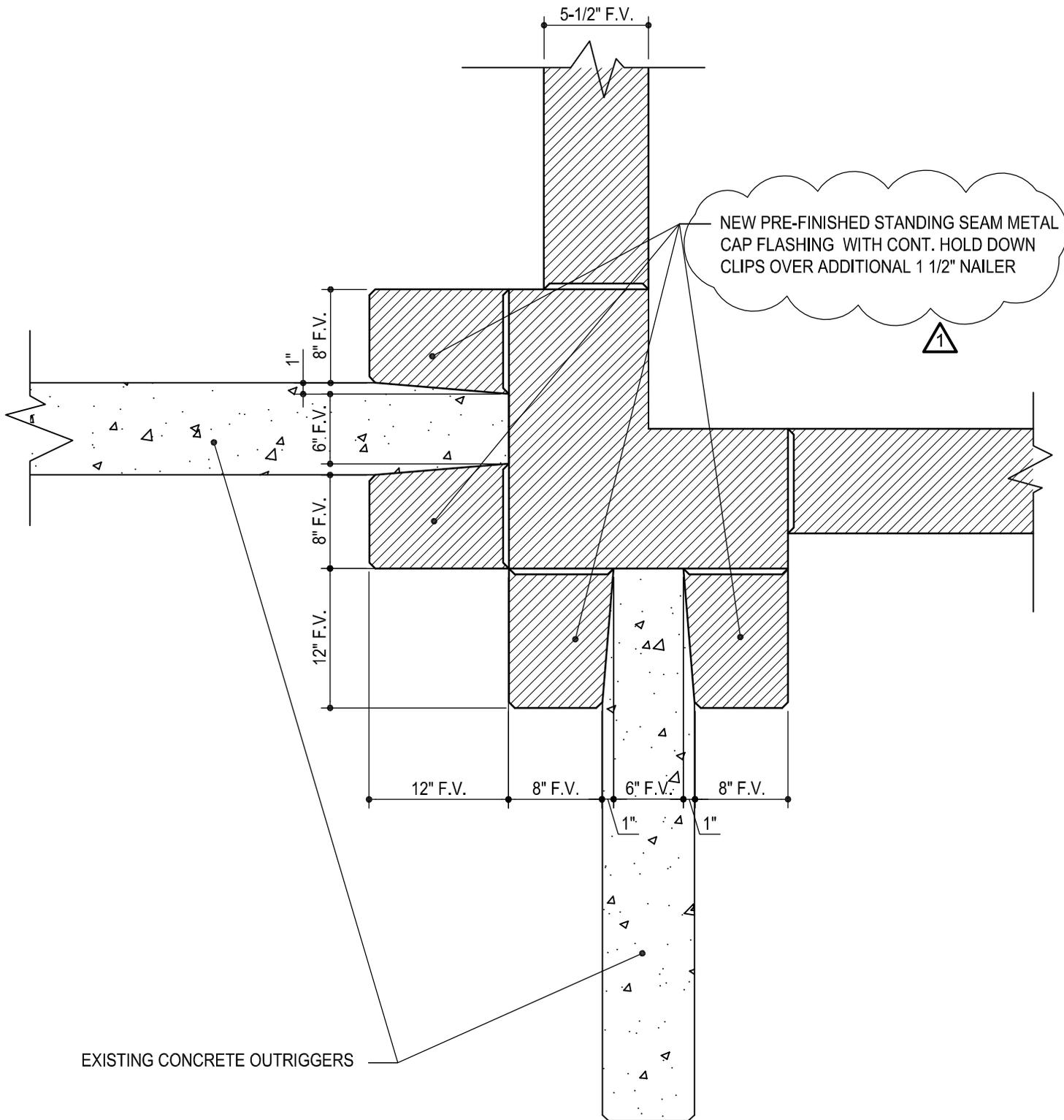
Technology Building Re-Roof
Dixie State College of Utah
225 S 700 E St. George Utah 84770
Construction Documents

Revision #	Date
ADDENDUM 1	10-24-07

Axis Job # 0722
Owner # DFCM# 07150640
Date 09-17-07
Drawn SLF
Checked AT

AE101

Axis Architects
352 SOUTH DENVER STREET EAST
SALT LAKE CITY UTAH 84111
P 355-3003 F 355-0113



EXISTING CONCRETE OUTRIGGERS

NEW PRE-FINISHED STANDING SEAM METAL CAP FLASHING WITH CONT. HOLD DOWN CLIPS OVER ADDITIONAL 1 1/2" NAILER

NEW PARAPET WALL CAP FLASHING DETAIL

DET. NAME:

DET NUMBER:

SCALE: 1"=1'-0"

ISSUED: 09.17.2007 REVISION:

PROJECT: DSC TECHNOLOGY BUILDING ROOFING IMPROVEMENTS

RF-01

Axis Architects

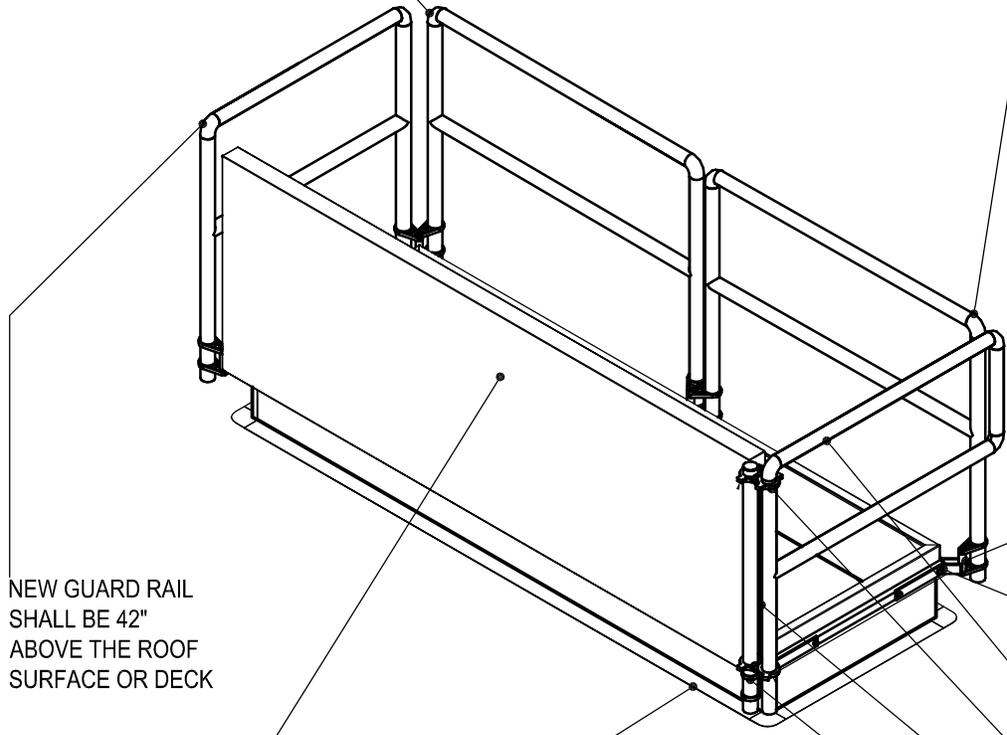
ADDENDUM 10-24-2007





SILVER, UV RESISTANT AND FIRE
RETARDENT PRE-FABRICATED
FIBERGLASS POLYMER

1-1/2" DIA. TYP.



NEW GUARD RAIL
SHALL BE 42"
ABOVE THE ROOF
SURFACE OR DECK

ALUMINUM POST
SUPPORTS
STEEL CORNER BRACKETS
(HOT DIP GALVANIZED)
SELF CLOSING GATE
ALUMINUM GATE HINGE
STAINLESS STEEL
TORSION ROD
ALUMINUM
POST HINGE

EXISTING ROOF
HATCH REINSTALL
RE-PAINT COLOR
TO MATCH CAP
COLOR

RUN NEW
MEMBRANE UP
UNDER ROOF
HATCH

PRE-FABRICATED GUARD RAIL @ ROOF HATCH

DET. NAME:

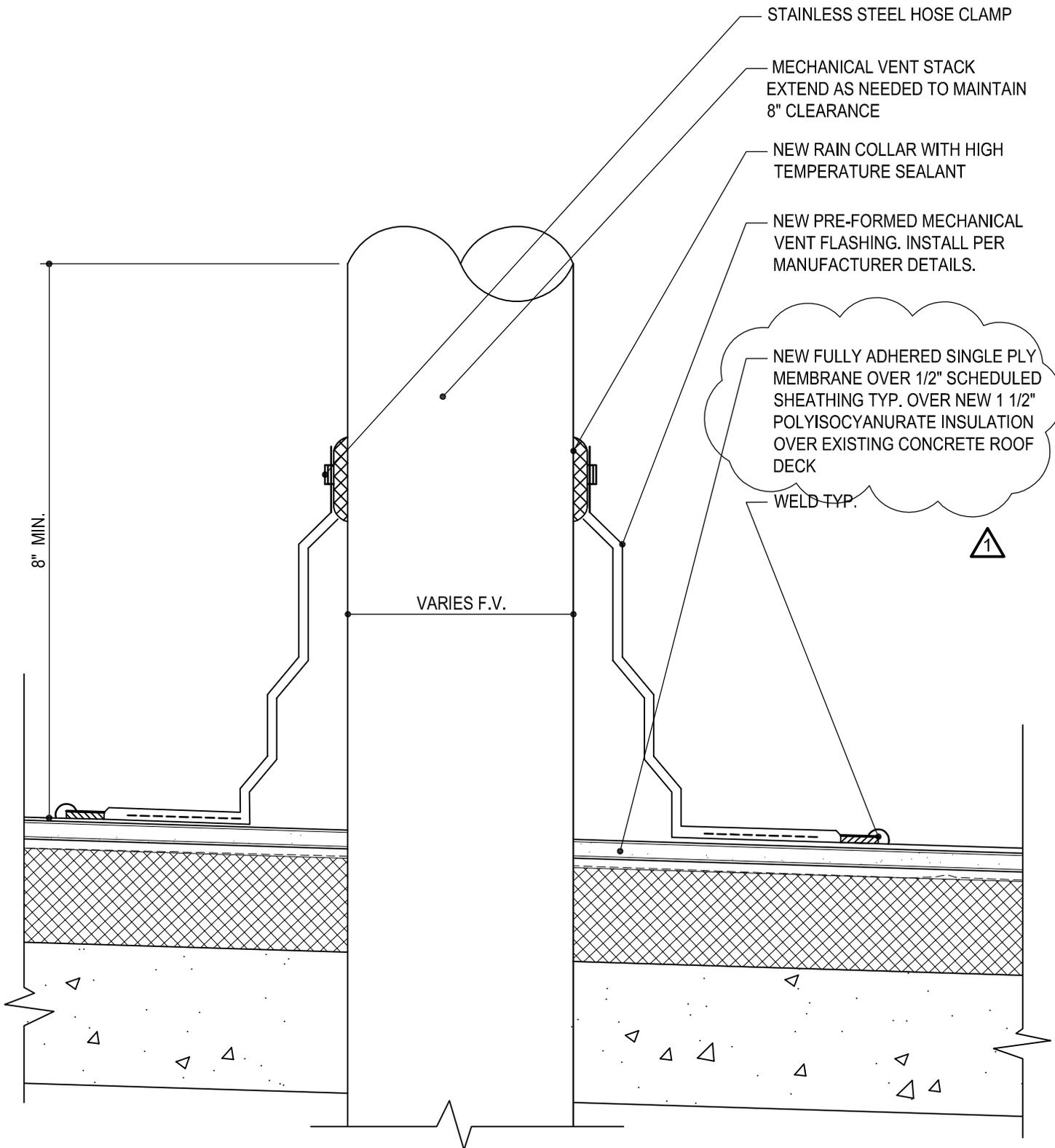
DET NUMBER:

SCALE: 3/4"=1'

ISSUED: 09.17.2007 REVISION:

PROJECT: DSC TECHNOLOGY BUILDING ROOFING IMPROVEMENTS

RF-02



VENT STACK FLASHING DETAIL

DET. NAME:

DET NUMBER:

SCALE: 3"=1'-0"

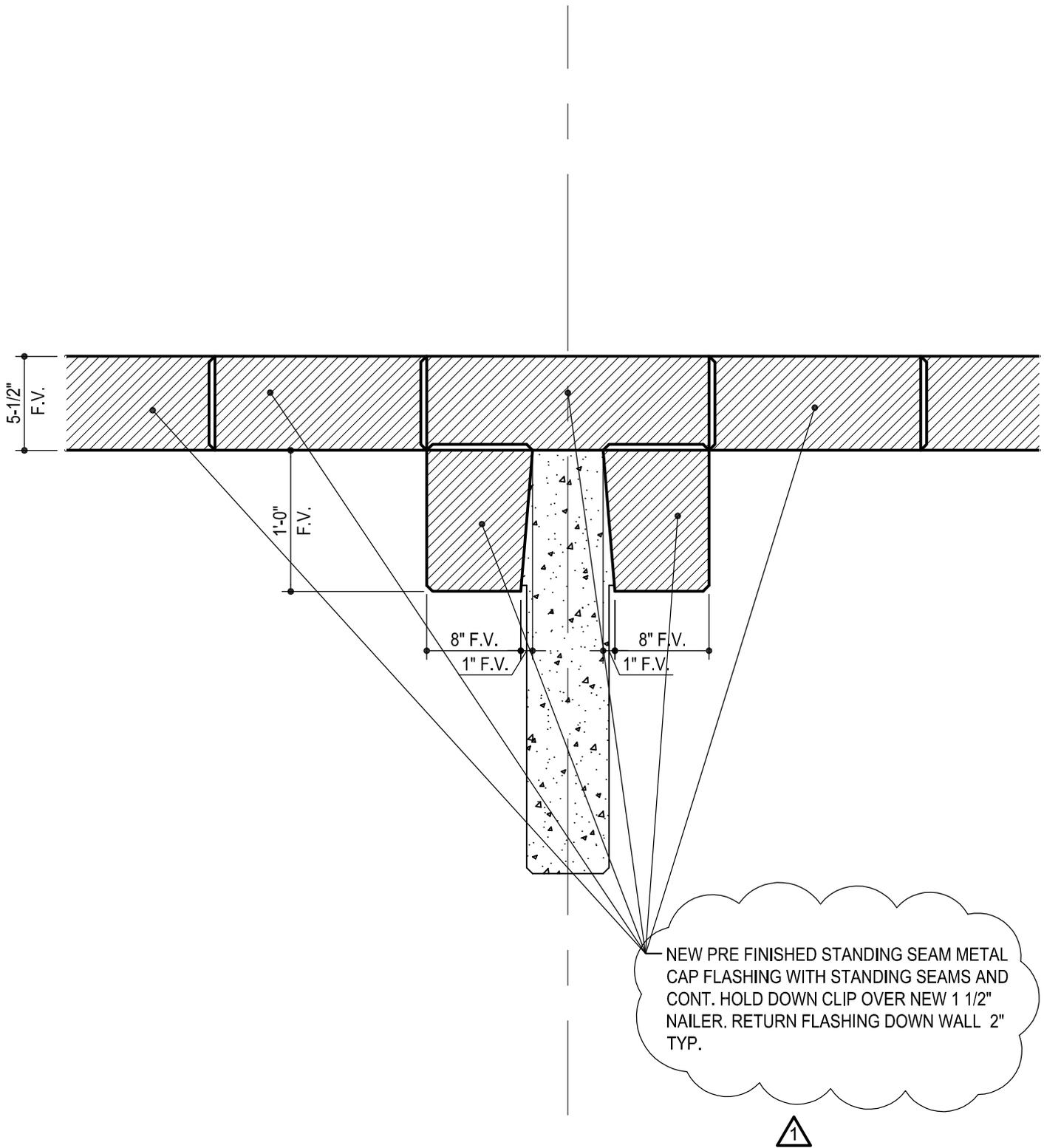
ISSUED: 09.17.2007 REVISION:

PROJECT: DSC TECHNOLOGY BUILDING ROOFING IMPROVEMENTS

RF-03

Axis Architects

ADDENDUM 10-24-2007 



DET. NAME: **PRE-FINISHED METAL CAP @ OUTRIGGER DETAIL** DET NUMBER:

SCALE: 1"=1'-0"
 ISSUED: 09.17.2007 REVISION:
 PROJECT: DSC TECHNOLOGY BUILDING ROOFING IMPROVEMENTS

RF-04

Axis Architects

ADDENDUM 10-24-2007 

NEW
ADDITIONAL 1
1/2" WOOD
NAILER @
PERIMETER
TYP.



RUN SINGLE PLY MEMBRANE
INTO ROOF DRAIN UNDER CLAMP
RINGS TYP.

CORE DRILL AND REMOVE
EXISTING CONCRETE ROOF
DECK FOR NEW OVERFLOW
ROOF DRAIN UNIT WITH 2"
OVERFLOW RING

TAPERED RIGID INSULATION TO
DRAIN

F.V. W/ STRUCTURE BELOW

4'-0" +/-

NEW SINGLE PLY MEMBRANE
OVER FULLY ADHERED
SCHEDULED SHEATHING OVER
EXISTING CONCRETE ROOF
DECK. TYPICAL FOR ALL AREAS

EXISTING CONCRETE T SLAB
FIELD VERIFY LOCATION OF T AT
EACH DRAIN LOCATION.

NEW 4" ABS DRAIN PIPE WITH
SUPPORTS AS REQUIRED.
SEE PLAN FOR ROUTE.

CONTRACTOR TO HORZ. CORE
DRILL EXISTING WALL FOR NEW
4" ABS DRAIN LINE AND SHEEP'S
TONGUE. SLOPE DRAIN LINE
1/8" /12" TYP.

EXTERIOR SHEEP'S TONGUE
DOWN SPOUT. SET IN SEALANT.
ATTACH AS PER
MANUFACTURERS DETAILS.

ROOF DRAIN OVERFLOW DETAIL

DET. NAME:

DET NUMBER:

SCALE: 1"=1'-0"

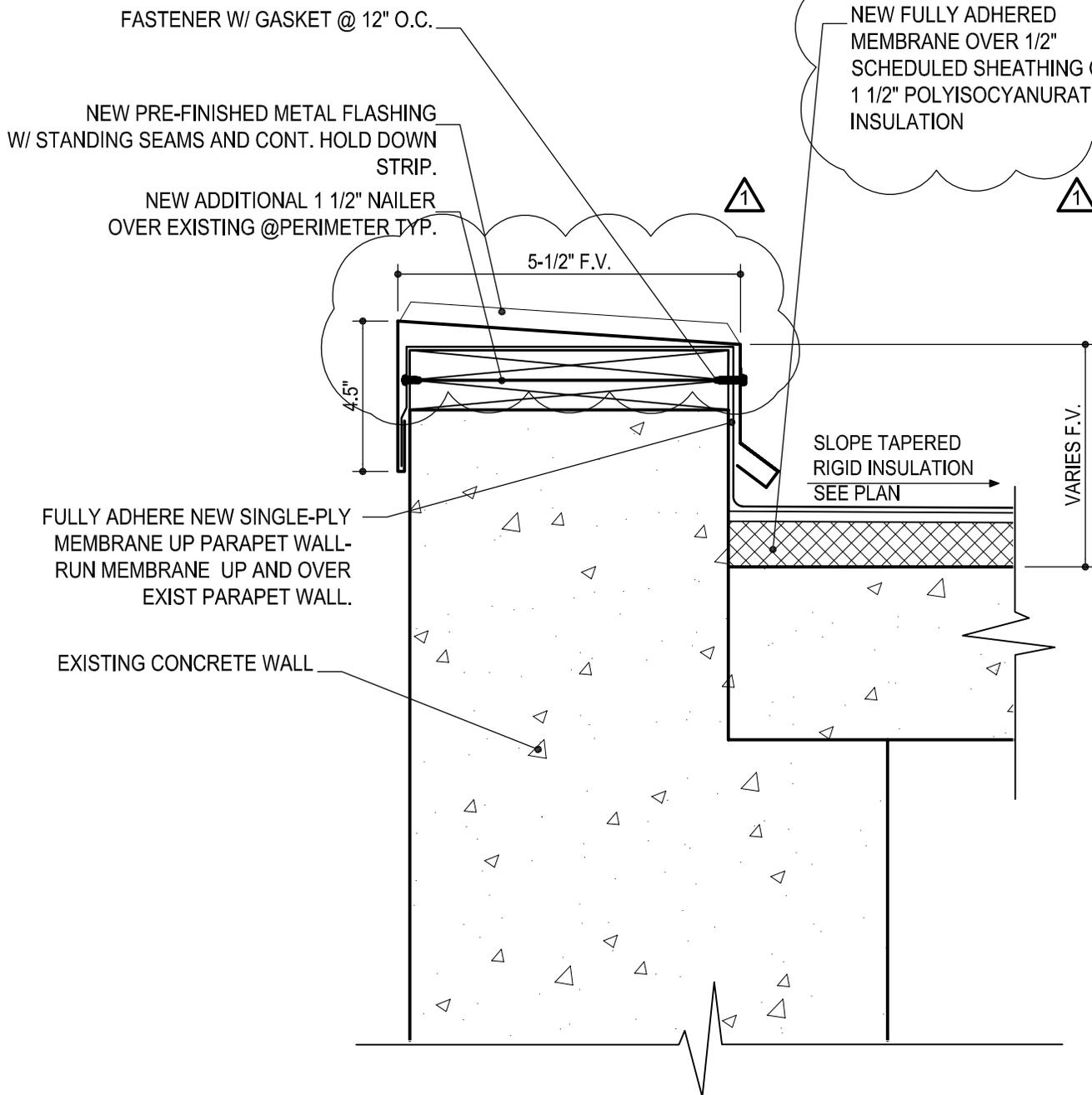
ISSUED: 09.17.2007 REVISION:

PROJECT: DSC TECHNOLOGY BUILDING ROOFING IMPROVEMENTS

RF-05

Axis Architects

ADDENDUM 10-24-2007 



PARAPET CAP DETAIL

DET. NAME:

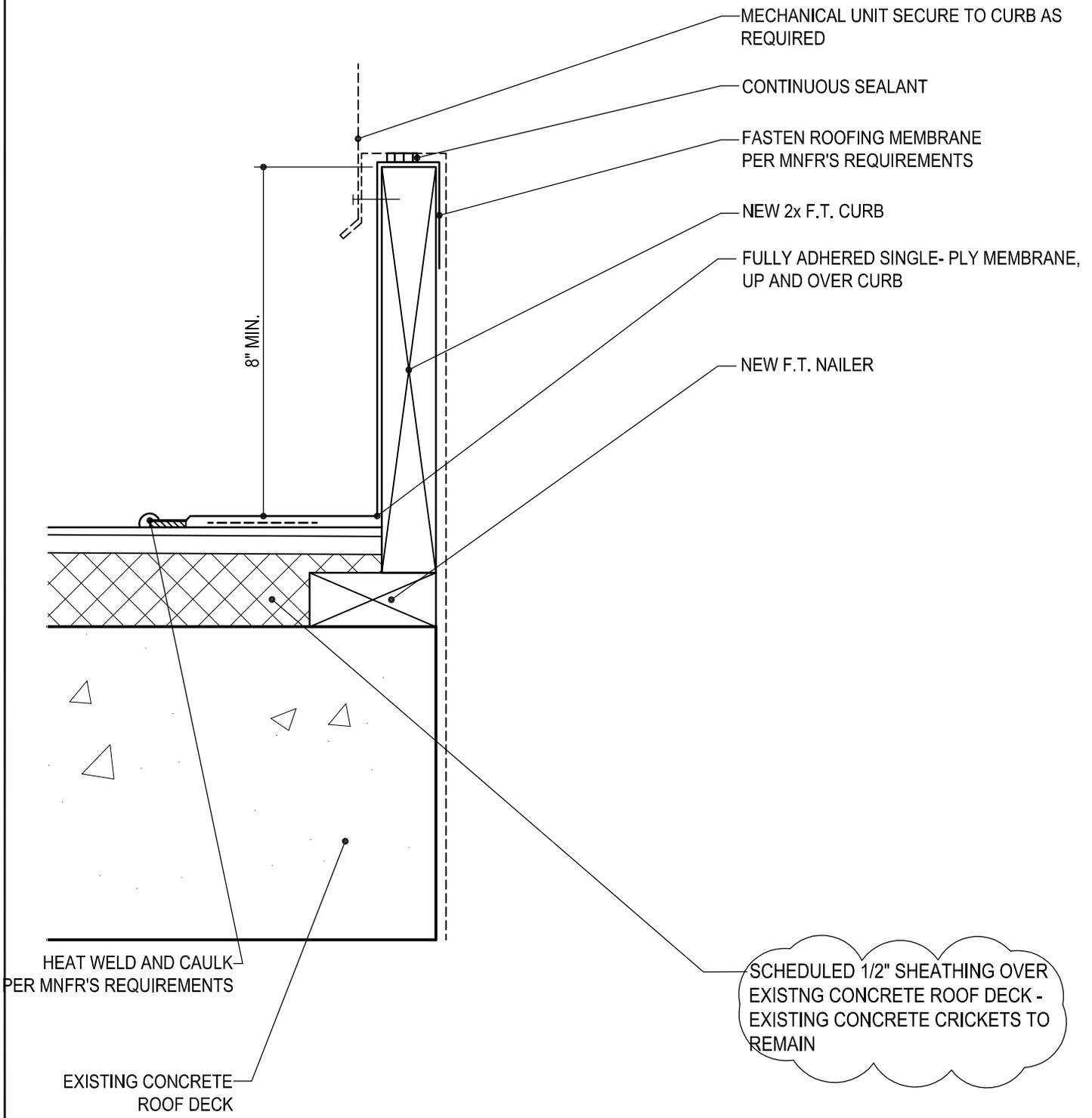
DET NUMBER:

SCALE: 1-1/2"=1'

ISSUED: 09.17.2007 REVISION:

PROJECT: DSC TECHNOLOGY BUILDING ROOFING IMPROVEMENTS

RF-06

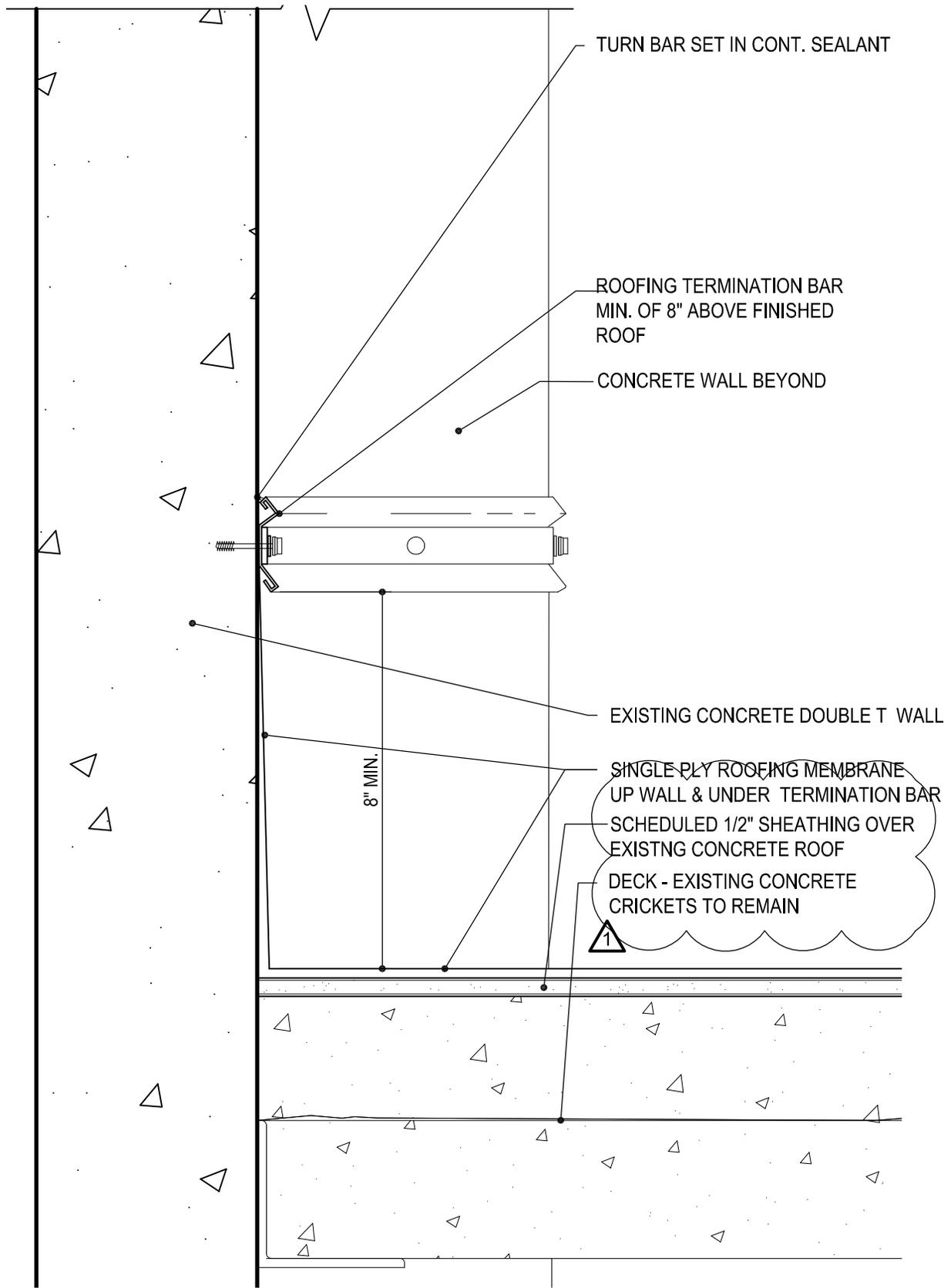


DET. NAME: **MECHANICAL CURB DETAIL**

DET NUMBER:

SCALE: 3"=1'
 ISSUED: 09.17.2007 REVISION:
 PROJECT: DSC TECHNOLOGY BUILDING ROOFING IMPROVEMENTS

RF-07



TURN BAR SET IN CONT. SEALANT

ROOFING TERMINATION BAR
MIN. OF 8" ABOVE FINISHED
ROOF

CONCRETE WALL BEYOND

EXISTING CONCRETE DOUBLE T WALL

8" MIN.

SINGLE-PLY ROOFING MEMBRANE
UP WALL & UNDER TERMINATION BAR
SCHEDULED 1/2" SHEATHING OVER
EXISTING CONCRETE ROOF
DECK - EXISTING CONCRETE
CRICKETS TO REMAIN

1

WALL FLASHING DETAIL

DET. NAME:

DET NUMBER:

SCALE: 3"=1'-0"

ISSUED: 08.10.2007 REVISION:

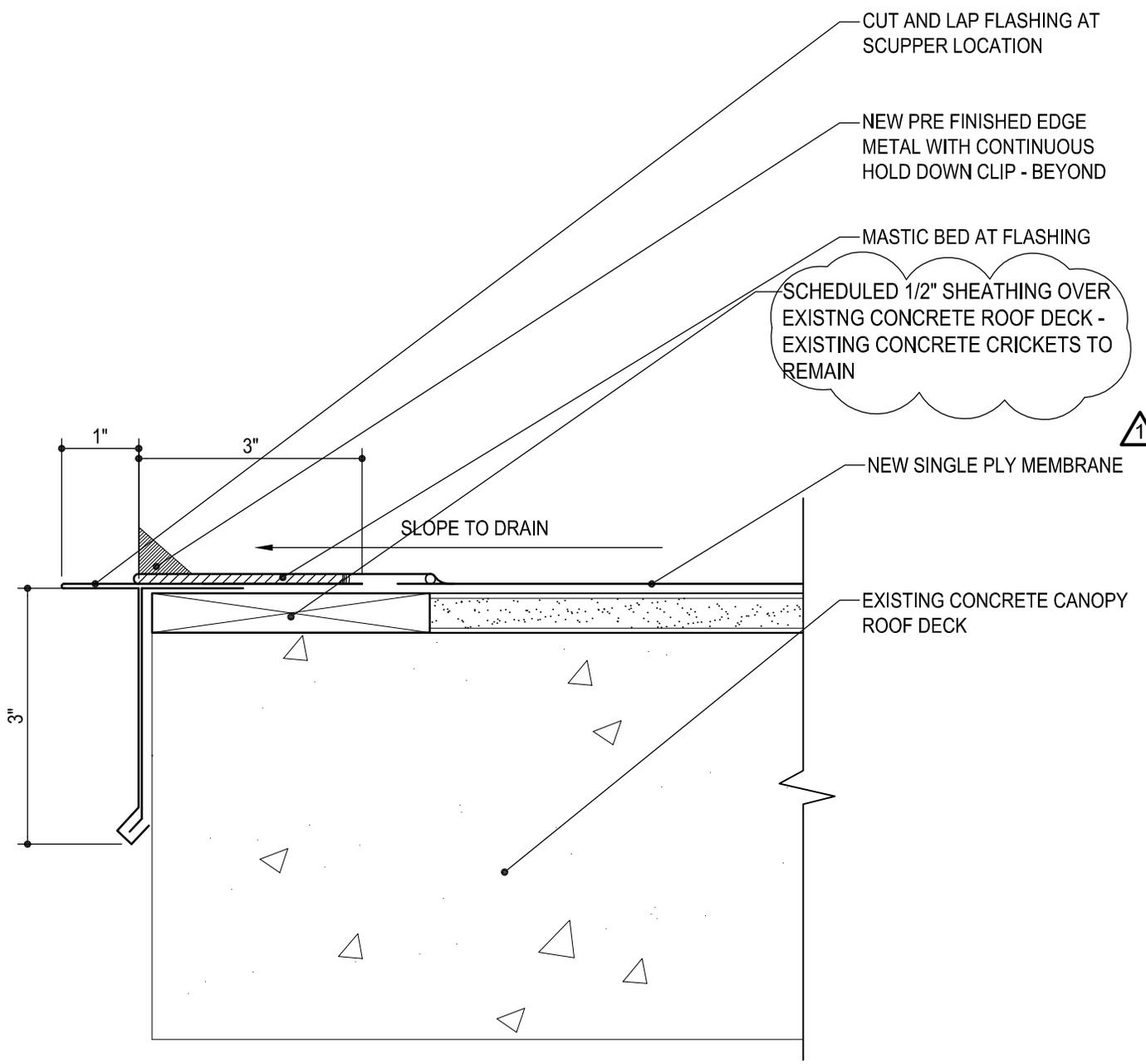
PROJECT: LIGHTNING PEAK ROOFING IMPROVEMENTS

RF-08

Axis Architects

ADDENDUM 10-24-2007

1



DET. NAME: **SCUPPER AT CANOPY ROOF EDGE**

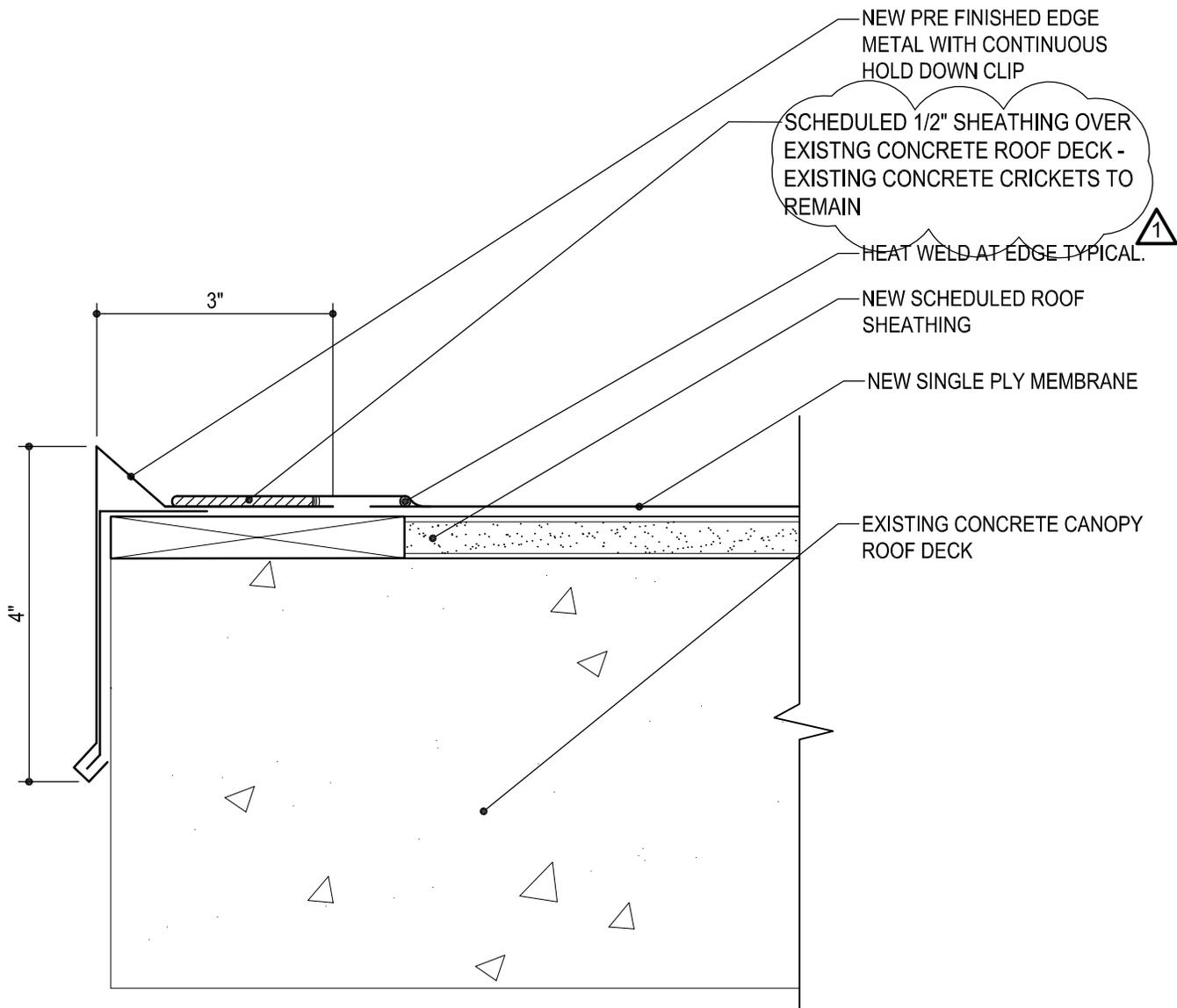
DET NUMBER:

SCALE: 6"=1'-0"

ISSUED: 09.17.2007 REVISION:

PROJECT: DSC TECHNOLOGY BUILDING ROOFING IMPROVEMENTS

RF-09



DET. NAME: **CANOPY ROOF EDGE**

DET NUMBER:

SCALE: 6"=1'-0"

ISSUED: 09.17.2007 REVISION:

PROJECT: DSC TECHNOLOGY BUILDING ROOFING IMPROVEMENTS

RF-10