State of Utah

JON M. HUNTSMAN, JR.
Governor

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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 #4

Date: October 31, 2007

To: Contractors

From: Mike Ambre, Project Manager, DFCM

Reference: Roofing Improvements – Lightning Peak
Division of Juvenile Justice Services, Provo, Utah
DFCM Project No. 07152430

Subject: **Addendum No. 4**

Pages

Addendum	1	page
Invitation to Rebid	1	page
Revised Project Schedule	1	page
Revised Bid Form	2	pages
Architects Addendum	8	pages
Total	13	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 changes to the Project Schedule.

Bids and Bid Bonds are due	Tuesday, November 6, 2007 at 2:00 PM
Subcontractors list is due	Wednesday, November 7, 2007 at 2:00 PM

1.2 GENERAL – A new Bid Bond will be required with you bid.
Axis Architects Specifications

INVITATION TO REBID
REVISED PER ADDENDUM NO. 4 ISSUED OCTOBER 31, 2007

The State of Utah - Division of Facilities Construction and Management (DFCM) is requesting bids for the construction of the following project:

ROOFING IMPROVEMENTS - LIGHTNING PEAK
DIVISION OF JUVENILE JUSTICE SERVICES – PROVO, UTAH
DFCM PROJECT NO: 07152430

Project Description: Remove existing polyurethane liquid applied roof and all subsequent roofs down to concrete deck and replace with new roof as specified. This project includes extensive tear off and installation of new flashings, termination bar, tapered insulation system, recover board, gutters, and membrane. Construction Cost Estimate: $180,000.

Company	Contact	Fax
All Weather Waterproofing, Inc	Delmar Johnson	(801) 467-3961
Capitol Roofing Service	Stewart B. Paulsen	(801) 562-1159
Collins Roofing, Inc.	Douglas Collins	(801) 226-2577
Contract West Roofing, Inc.	Craig Peters	(801) 943-0257
Conwest, Inc.	Phil Scarborough	(815) 550-1136
Heritage Roofing, LC	James Smith	(801) 576-8311
Kendrick Brothers Roofing, Inc.	Brad L. Kendrick	(801) 731-2020
Nielco Roofing and Sheet Metal, Inc.	Gary Nielson	(801) 263-0485
Utah Western Roofing	Scott Laufenberg	(801) 294-6155

The bid documents are available on the DFCM web page at http://dfcm.utah.gov. For questions regarding this project, please contact Michael A. Ambre, Project Manager, DFCM, at (801)-209-9104. No others are to be contacted regarding this project.

A **MANDATORY** pre-bid meeting and site visit was held at 9:00 AM on Thursday, September 20, 2007 at the Lightning Peak Facility, 1955 South Dakota Lane, Provo, Utah.

Bids must be submitted by 2:00 PM on Tuesday, November 6, 2007, to DFCM, 4110 State Office Building, Salt Lake City, Utah 84114. Bids will be opened and read aloud in the DFCM Conference Room, 4110 State Office Building, Salt Lake City, Utah. Note: Bids must be received at 4110 State Office Building by the specified time. The contractor shall comply with and require all of its subcontractors to comply with the license laws as required by the State of Utah.

A bid bond in the amount of five percent (5%) of the bid amount, made payable to the Division of Facilities Construction and Management on DFCM's bid bond form, shall accompany the bid. The Division of Facilities Construction & Management reserves the right to reject any or all bids or to waive any formality or technicality in any bid in the interest of the State.

DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT
MARLA WORKMAN, CONTRACT COORDINATOR
4110 State Office Bldg., Salt Lake City, Utah 84114

Stage II - REBID
PROJECT SCHEDULE – REVISED
PER ADDENDUM NO. 4 ISSUED OCTOBER 31, 2007

PROJECT NAME: **ROOFING IMPROVEMENTS - LIGHTNING PEAK**
DIVISION OF JUVENILE JUSTICE SERVICES – PROVO, UTAH
DFCM PROJECT #: **07152430**

Event	Day	Date	Time	Place
Stage II Bidding Documents Available	Monday	September 17, 2007	12:00 NOON	DFCM 4110 State Office Building SLC, UT and the DFCM web site*
Mandatory Pre-bid Site Meeting	Thursday	September 20, 2007	9:00 AM	Lightning Peak 1955 South Dakota Lane Provo, UT Far east parking lot
Deadline for Submitting Questions	Tuesday	September 25, 2007	12:00 NOON	Michael A. Ambre – DFCM E-mail mambre@utah.gov Fax (801) 538-3267
Addendum Deadline (exception for bid delays)	Tuesday	October 30, 2007	2:00 PM	**DFCM web site***
Prime Contractors Turn in Bid and Bid Bond	**Tuesday**	**November 6, 2007**	**2:00 PM**	**DFCM** **4110 State Office Building** **SLC, UT**
Subcontractors List Due	**Wednesday**	**November 7, 2007**	**2:00 PM**	**DFCM** **4110 State Office Building** **SLC, UT** **Fax (801) 538-3677**
Substantial Completion Date	Friday	May 2, 2008	5:00 PM	

* **NOTE: DFCM's web site address is http://dfcm.utah.gov**

BID FORM – REBID
REVISED PER ADDENDUM NO. 4 ISSUED OCTOBER 31, 2007

NAME OF BIDDER _____ DATE _____

To the Division of Facilities Construction and Management
4110 State Office Building
Salt Lake City, Utah 84114

The undersigned, responsive to the "Invitation to Bid" and in accordance with the Request for Bids for the **ROOFING IMPROVEMENTS - LIGHTNING PEAK - DIVISION OF JUVENILE JUSTICE SERVICES PROVO, UTAH - DFCM PROJECT NO. 07152430** and having examined the Contract Documents and the site of the proposed Work and being familiar with all of the conditions surrounding the construction of the proposed Project, including the availability of labor, hereby proposes to furnish all labor, materials and supplies as required for the Work in accordance with the Contract Documents as specified and within the time set forth and at the price stated below. This price is to cover all expenses incurred in performing the Work required under the Contract Documents of which this bid is a part:

I/We acknowledge receipt of the following Addenda: _____

For all work shown on the Drawings and described in the Specifications and Contract Documents, I/we agree to perform for the sum of:

_____ DOLLARS ($_____)
(In case of discrepancy, written amount shall govern)

I/We guarantee that the Work will be Substantially Complete by **May 2, 2008** should I/we be the successful bidder, and agree to pay liquidated damages in the amount of **$300.00** per day for each day after expiration of the Contract Time as stated in Article 3 of the Contractor's Agreement.

This bid shall be good for 45 days after bid opening.

Enclosed is a 5% bid bond, as required, in the sum of _____

The undersigned Contractor's License Number for Utah is _____.

Upon receipt of notice of award of this bid, the undersigned agrees to execute the contract within ten (10) days, unless a shorter time is specified in Contract Documents, and deliver acceptable Performance and Payment bonds in the prescribed form in the amount of 100% of the Contract Sum for faithful performance of the contract. The Bid Bond attached, in the amount not less than five percent (5%) of the above bid sum, shall become the property of the Division of Facilities Construction and Management as liquidated damages for delay and additional expense caused thereby in the event that the contract is not executed and/or acceptable l00% Performance and Payment bonds are not delivered within time set forth.

Type of Organization: _____
(Corporation, Partnership, Individual, etc.)

Any request and information related to Utah Preference Laws:

_____

Respectfully submitted,

_____
Name of Bidder

ADDRESS:

_____

_____

_____
Authorized Signature

Axis Architects

October 24, 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 third addendum on the Lightning Peak Re-roof. DFCM Job # 07152430

ADDENDUM # 3 ITMES:

General Items:
N/A
Sheet AE101

- Sheet AD101 Revised Demolition Keynote D13 to read "Machine scarify and remove existing sprayed applied polyurethane foam roof system as required to receive new roof system. Remove existing polyurethane sprayed on foam roof system from all parapet and double "T" concrete walls. Typical. See attached revised drawing AD101.
- Sheet AE101 Add Keynote 7G to read "New fully adhered single ply membrane over ½" scheduled sheathing over (2) two layers of 1.5 inch Polyisocyanurate insulation board with staggered joints over existing concrete roof deck." See attached revised drawing AE101.
- Sheet AE101 Detail reference change at perimeter. See attached revised drawing AE101.

PROJECT MANUAL ITEMS:

- Delete previous approved Substrate Board "Johns Manville "invinsa" as an approved manufacturer.

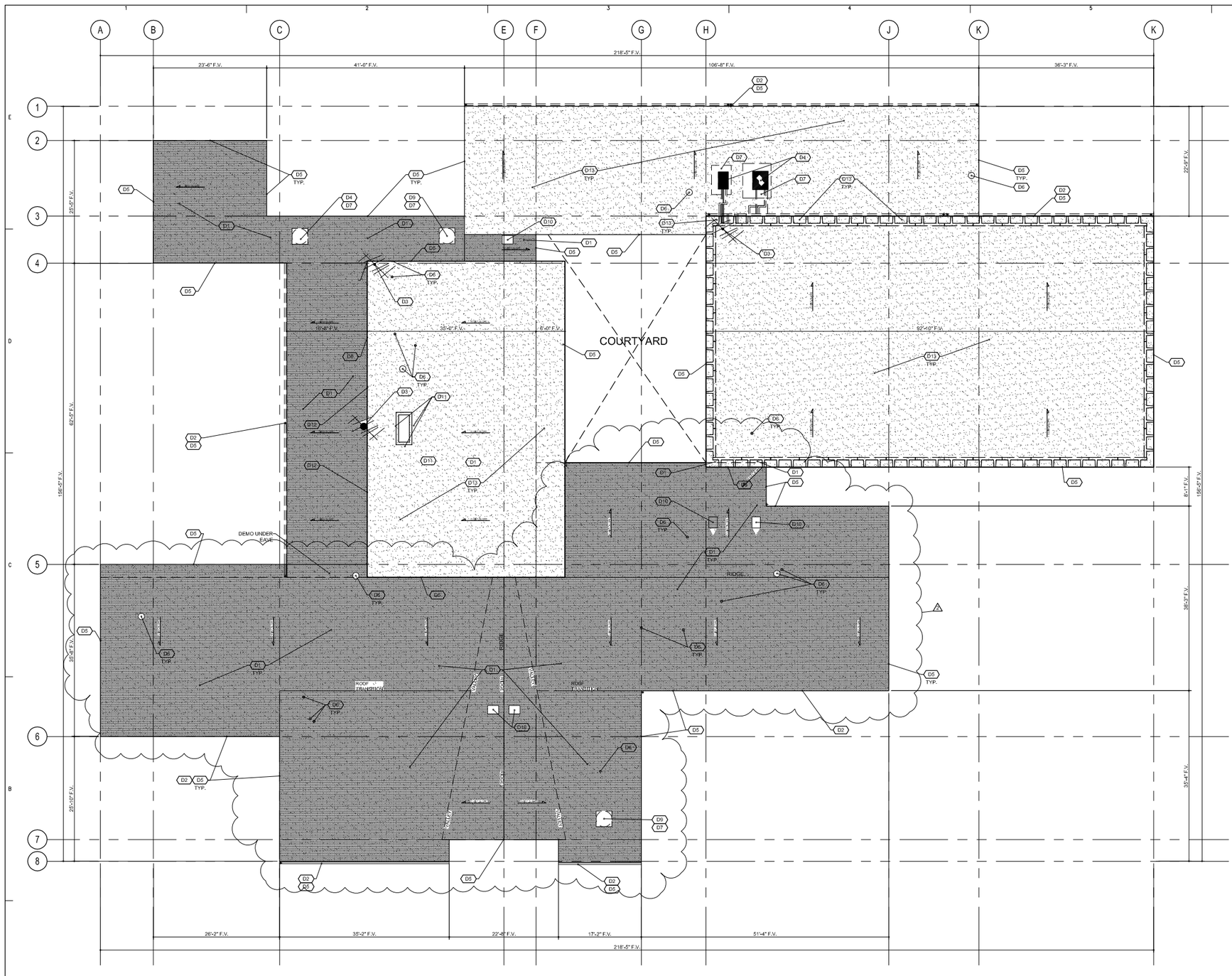
DETAILS ITEMS:

- Revise detail RF-01. See attached revised detail RF-01 Roof Edge Detail
- Revise detail RF-05. See attached revised detail RF-05 New Gutter @ Roof Edge Detail
- Revise detail RF-07. See attached revised detail RF-07 Roof Edge & Gutter Detail
- Revise detail RF-09. See attached revised detail RF-09 Roof Edge Detail
- Add new detail RF-11. Roof edge detail and gutter.

* Note contractor to add new wood nailers at perimeter of all roofs, typical.

END OF ITEMS FOR ADDENDUM # 3

352 South Denver St. Suite 205 - Salt Lake City - UT 84103 T: 801-355-3003 F: 355-3003 AxisArchitects.com



DEMOLITION KEYNOTE LEGEND

- D1 REMOVE EXISTING ROOFING SYSTEM DOWN TO EXISTING CONCRETE ROOF DECK. REMOVE EXISTING ROOF SYSTEM FROM ALL PARAPET WALLS, MECHANICAL PIPING AND VENTS
- D2 REMOVE EXISTING RAIN GUTTER AND DOWN SPOUTS.
- D3 REMOVE AND SALVAGE FOR OWNER T.V. ANTENNA, WIRES AND FASTENERS
- D4 REMOVE EXISTING HVAC CONDENSING UNITS, DISCONNECT ELECTRICAL LINES FROM JUNCTION BOX. DISCONNECT MECHANICAL LINES WHERE REQUIRED.
- D5 REMOVE ALL EXISTING METAL FLASHING AND EDGE METAL. TYPICAL
- D6 REMOVE ALL EXISTING MECHANICAL VENT FLASHING. TYPICAL
- D7 REMOVE EXISTING MECHANICAL CURB
- D9 REMOVE EXISTING MECHANICAL EXHAUST VENT
- D10 REMOVE EXISTING BUILD UP CURB AND TURTLE VENT
- D11 REMOVE FLASHING AND EXISTING ROOF SYSTEM FROM STONE CHIMNEY
- D12 REMOVE EXISTING ROOF SYSTEM OFF OF EXISTING WALLS, LOUVERS ETC.
- D13 MACHINE SCARIFY AND REMOVE EXISTING SPRAYED APPLIED POLYURETHANE SPRAYED ON FOAM ROOF SYSTEM DOWN AS REQUIRED TO RECEIVE NEW ROOF SYSTEM. REMOVE FROM ALL PARAPET WALLS AND DOUBLE T CONCRETE WALLS TYP.

GENERAL DEMOLITION NOTES

1. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING AND CONSTRUCTION.
2. WHERE EXISTING ROOF DEMOLITION IS INDICATED, MEASURES MUST BE TAKEN TO AVOID DAMAGING OTHER BUILDING ELEMENTS. WHERE INSULATION REMOVAL IS INDICATED, MEASURES MUST BE TAKEN TO AVOID DAMAGING EXISTING CONCRETE DECK OTHER BUILDING ELEMENTS, MUST KEEP BUILDING WATER TIGHT DURING CONSTRUCTION.
3. ELECTRICAL CONDUIT / UTILITIES MAY BE EXPOSED DURING DEMOLITION. CONTRACTOR TO PROTECT
4. DISCONNECT UTILITIES TO MECHANICAL UNITS PRIOR TO REMOVAL. SECURELY STORE FOR RE-INSTALLATION AS INDICATED. EQUIPMENT DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR.
5. CONTRACTOR TO COORDINATE DEMOLITION STAGING AREAS WITH OWNER.
6. CONTRACTOR TO PROVIDE AND USE WASTE CHUTE FOR DEMOLITION DEBRIS. DAMAGE DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR

A1 ROOF DEMOLITION PLAN
SCALE: 1/8"=1'-0"

PROJECT NORTH

Axis Architects
352 SOUTH DENVER STREET(440 EAST) SALT LAKE CITY UTAH 84111 P 355-3003 F 355-0113

LIGHTNING PEAK DIVISION OF JUVENILE JUSTICE

ROOFING IMPROVEMENTS

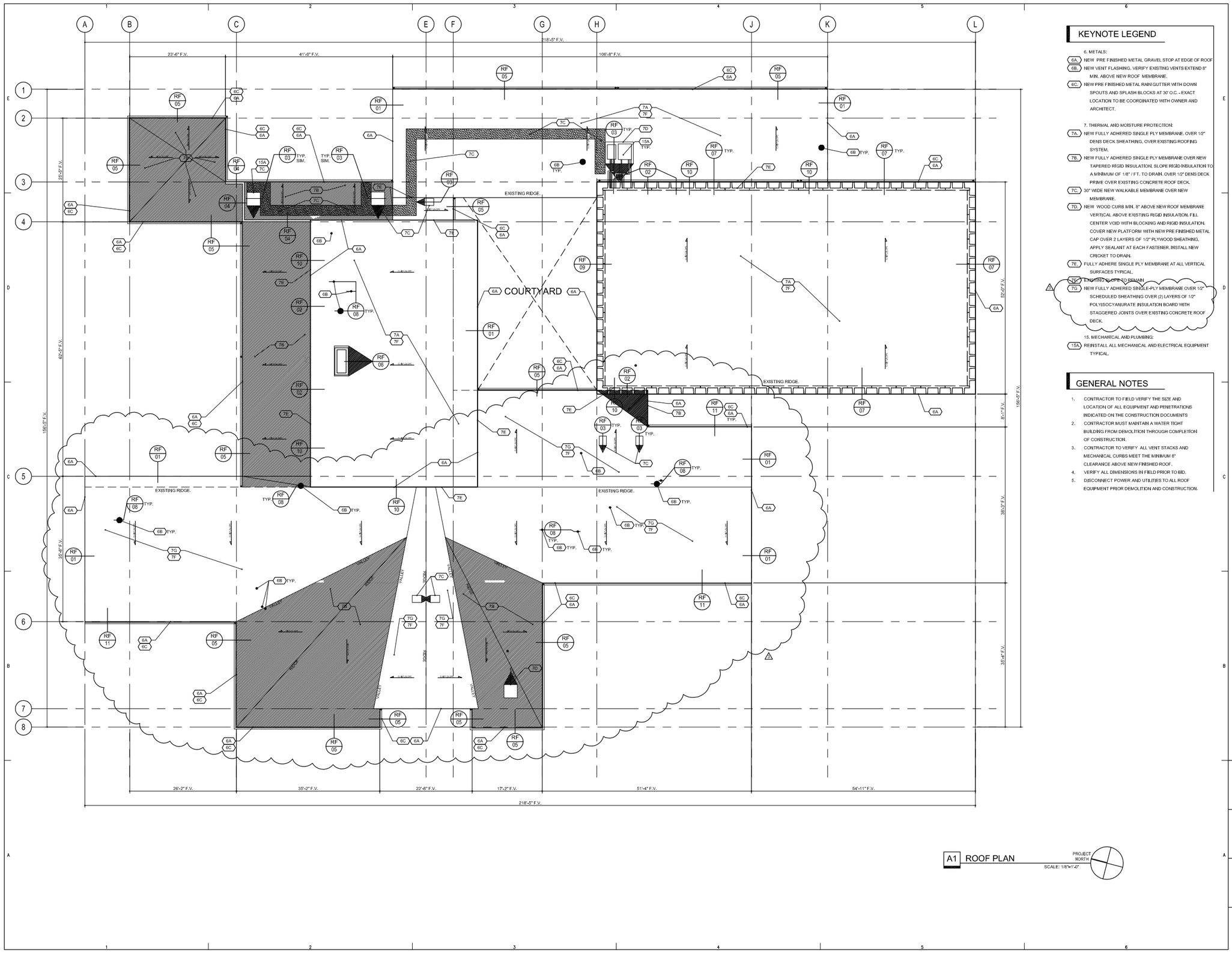
1955 SOUTH. DAKOTA LANE - PROVO, UT 84606 - DFCM 07152430

Revision #	Date
- ADDENDUM 1	9-26-07

Axis Job # 0716-DFCM
Owner #
Date 08/10/2007
Drawn AWH - SLF
Checked AT

DEMOLITION PLAN

AD101



A1 ROOF PLAN

SCALE: 1/8"=1'-0"

PROJECT NORTH

KEYNOTE LEGEND

6. METALS:

6A. NEW PRE FINISHED METAL GRAVEL STOP AT EDGE OF ROOF

6B. NEW VENT FLASHING, VERIFY EXISTING VENTS EXTEND 8" MIN. ABOVE NEW ROOF MEMBRANE.

6C. NEW PRE FINISHED METAL RAIN GUTTER WITH DOWN SPOUTS AND SPLASH BLOCKS AT 30' O.C. - EXACT LOCATION TO BE COORDINATED WITH OWNER AND ARCHITECT.

7. THERMAL AND MOISTURE PROTECTION:

7A. NEW FULLY ADHERED SINGLE PLY MEMBRANE, OVER 1/2" DENS DECK SHEATHING, OVER EXISTING ROOFING SYSTEM.

7B. NEW FULLY ADHERED SINGLE PLY MEMBRANE OVER NEW TAPERED RIGID INSULATION, SLOPE RIGID INSULATION TO A MINIMUM OF 1/8" / FT. TO DRAIN. OVER 1/2" DENS DECK PRIME OVER EXISTING CONCRETE ROOF DECK.

7C. 30" WIDE NEW WALKABLE MEMBRANE OVER NEW MEMBRANE.

7D. NEW WOOD CURB MIN. 8" ABOVE NEW ROOF MEMBRANE VERTICAL ABOVE EXISTING RIGID INSULATION. FILL CENTER VOID WITH BLOCKING AND RIGID INSULATION. COVER NEW PLATFORM WITH NEW PRE FINISHED METAL CAP OVER 2 LAYERS OF 1/2" PLYWOOD SHEATHING, APPLY SEALANT AT EACH FASTENER. INSTALL NEW CRICKET TO DRAIN.

7E. FULLY ADHERE SINGLE PLY MEMBRANE AT ALL VERTICAL SURFACES TYPICAL.

7F. EXISTING SLOPE TO REMAIN

7G. NEW FULLY ADHERED SINGLE-PLY MEMBRANE OVER 1/2" SCHEDULED SHEATHING OVER (2) LAYERS OF 1/2" POLYISOCYANURATE INSULATION BOARD WITH STAGGERED JOINTS OVER EXISTING CONCRETE ROOF DECK.

15. MECHANICAL AND PLUMBING:

15A. REINSTALL ALL MECHANICAL AND ELECTRICAL EQUIPMENT TYPICAL.

GENERAL NOTES

1. CONTRACTOR TO FIELD VERIFY THE SIZE AND LOCATION OF ALL EQUIPMENT AND PENETRATIONS INDICATED ON THE CONSTRUCTION DOCUMENTS
2. CONTRACTOR MUST MAINTAIN A WATER TIGHT BUILDING FROM DEMOLITION THROUGH COMPLETION OF CONSTRUCTION.
3. CONTRACTOR TO VERIFY ALL VENT STACKS AND MECHANICAL CURBS MEET THE MINIMUM 8" CLEARANCE ABOVE NEW FINISHED ROOF.
4. VERIFY ALL DIMENSIONS IN FIELD PRIOR TO BID.
5. DISCONNECT POWER AND UTILITIES TO ALL ROOF EQUIPMENT PRIOR DEMOLITION AND CONSTRUCTION.

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352 SOUTH DENVER STREET(440 EAST) SALT LAKE CITY UTAH 84111 P 355-3003 F 355-0113

LIGHTNING PEAK DIVISION OF JUVENILE JUSTICE

ROOFING IMPROVEMENTS

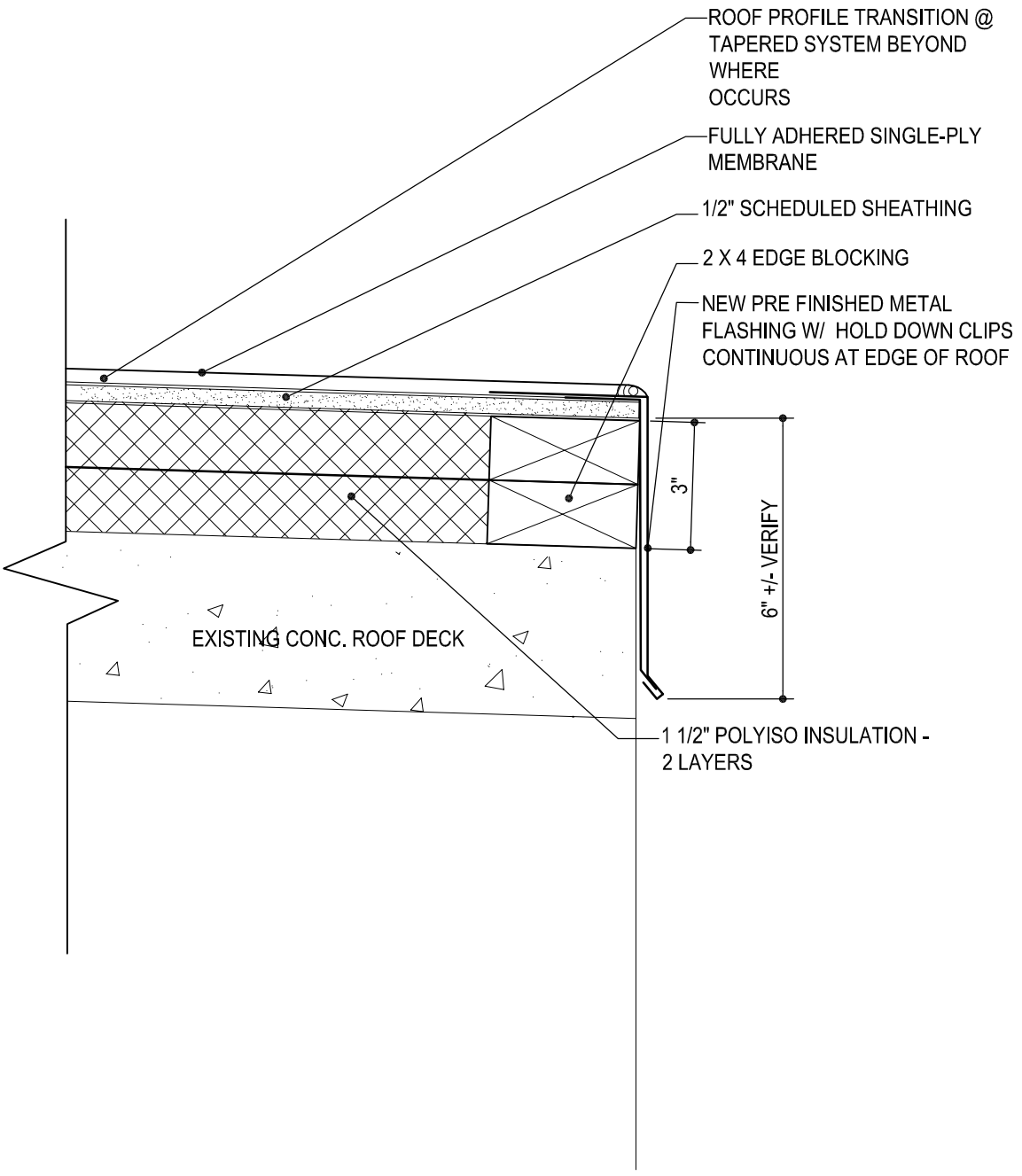
1955 SOUTH. DAKOTA LANE - PROVO, UT 84606 - DFCM 07152430

Revision #	Date
1 ADDENDUM 1	9-28-07
2 ADDENDUM 2	10-24-07

Axis Job # 0716-DFCM
Owner #
Date 08/10/2007
Drawn AWH
Checked -

ROOF PLAN

AE101



DET. NAME: ROOF EDGE DETAIL

DET NUMBER: RF-01

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

ISSUED: 08.10.2007 REVISION:

PROJECT: LIGHTNING PEAK ROOFING IMPROVEMENTS

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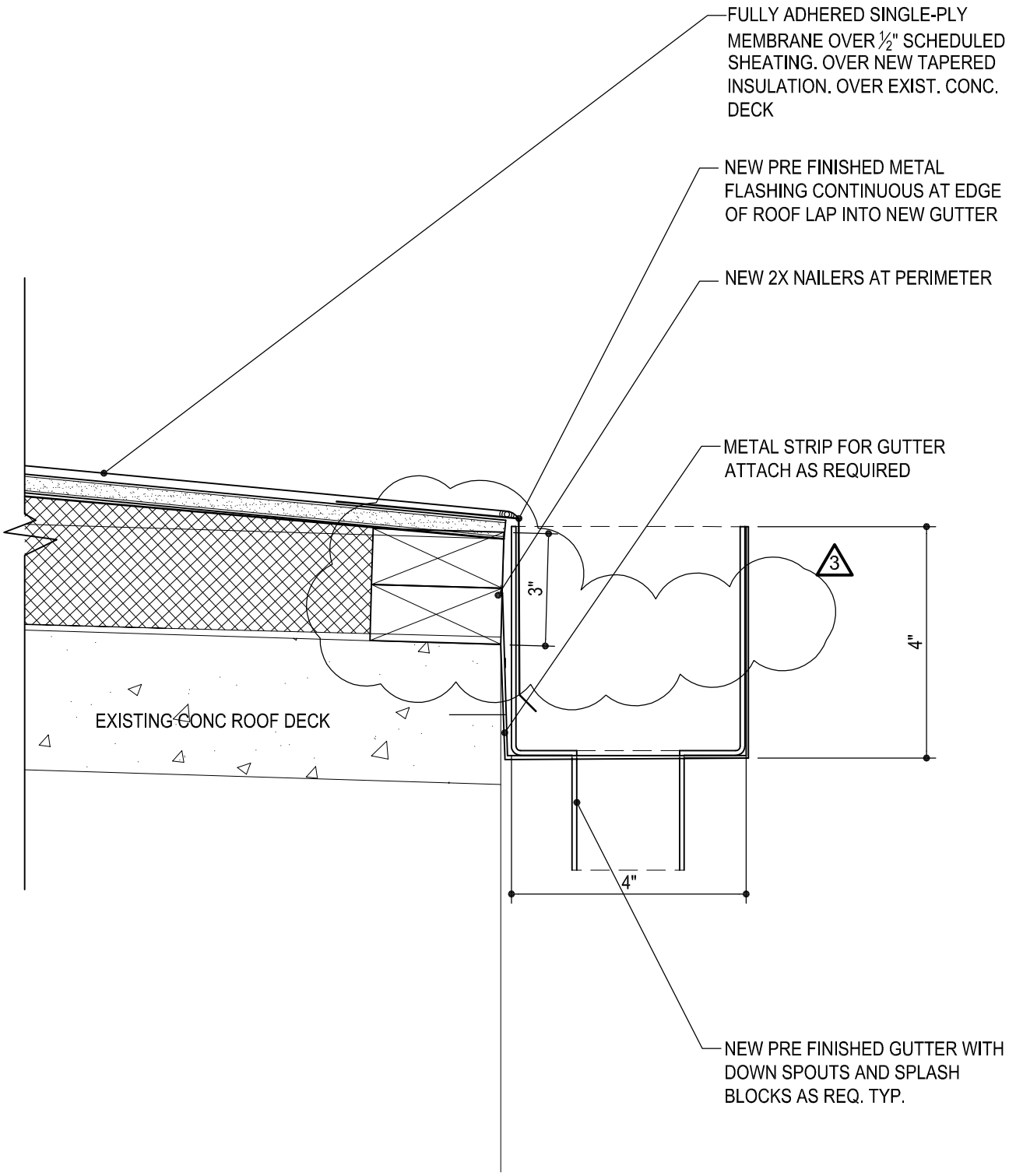
ADDENDUM 10-24-2007 3



DET. NAME: NEW GUTTER @ ROOF EDGE DETAIL

DET NUMBER: RF-05

SCALE: 3"=1'-0"

ISSUED: 08.10.2007 REVISION:

PROJECT: LIGHTNING PEAK ROOFING IMPROVEMENTS

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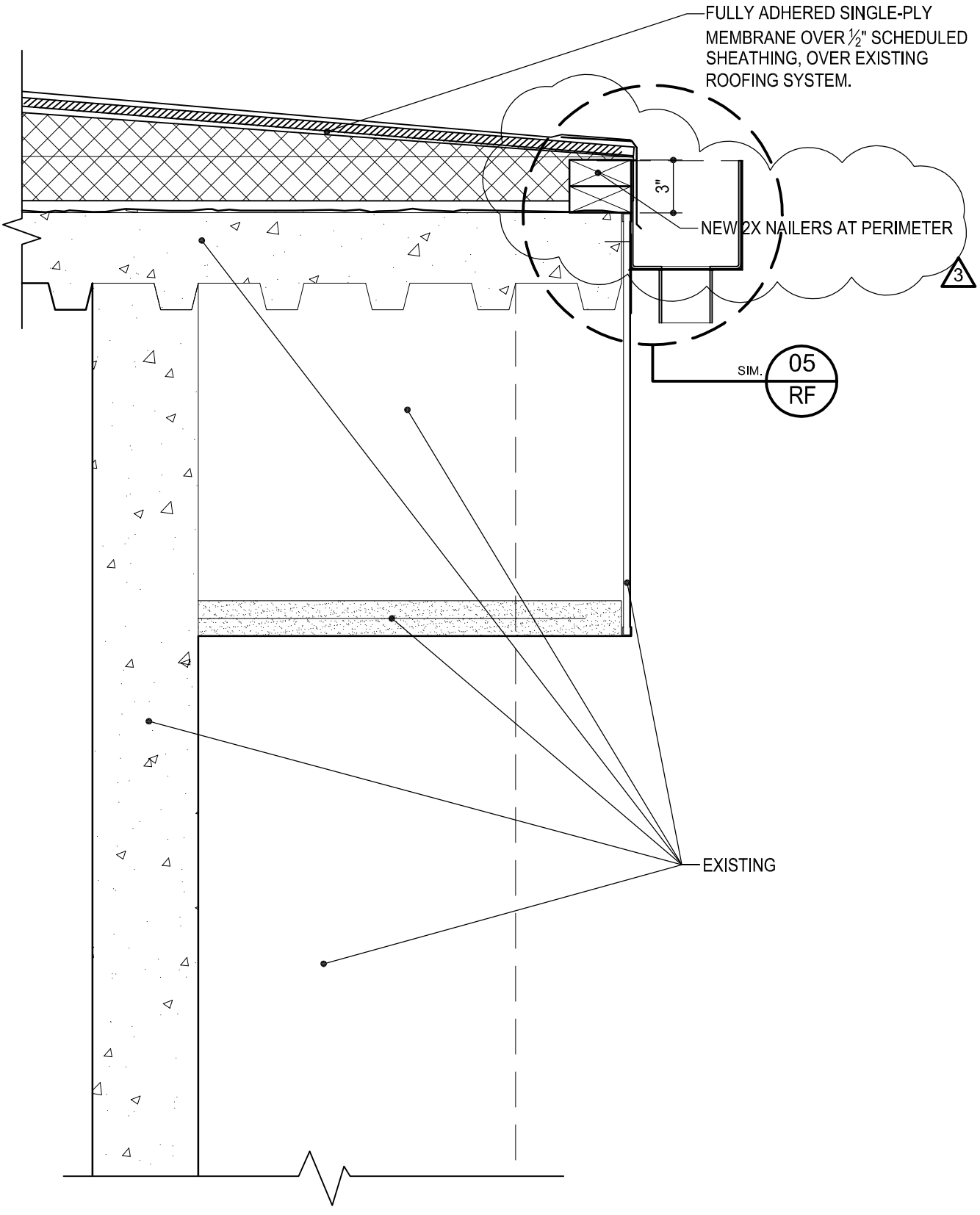
ADDENDUM 10-24-2007 3



DET. NAME: NEW ROOF EDGE & GUTTER DETAIL

DET NUMBER: RF-07

SCALE: 3"=1'-0"

ISSUED: 08.10.2007 REVISION:

PROJECT: LIGHTNING PEAK ROOFING IMPROVEMENTS

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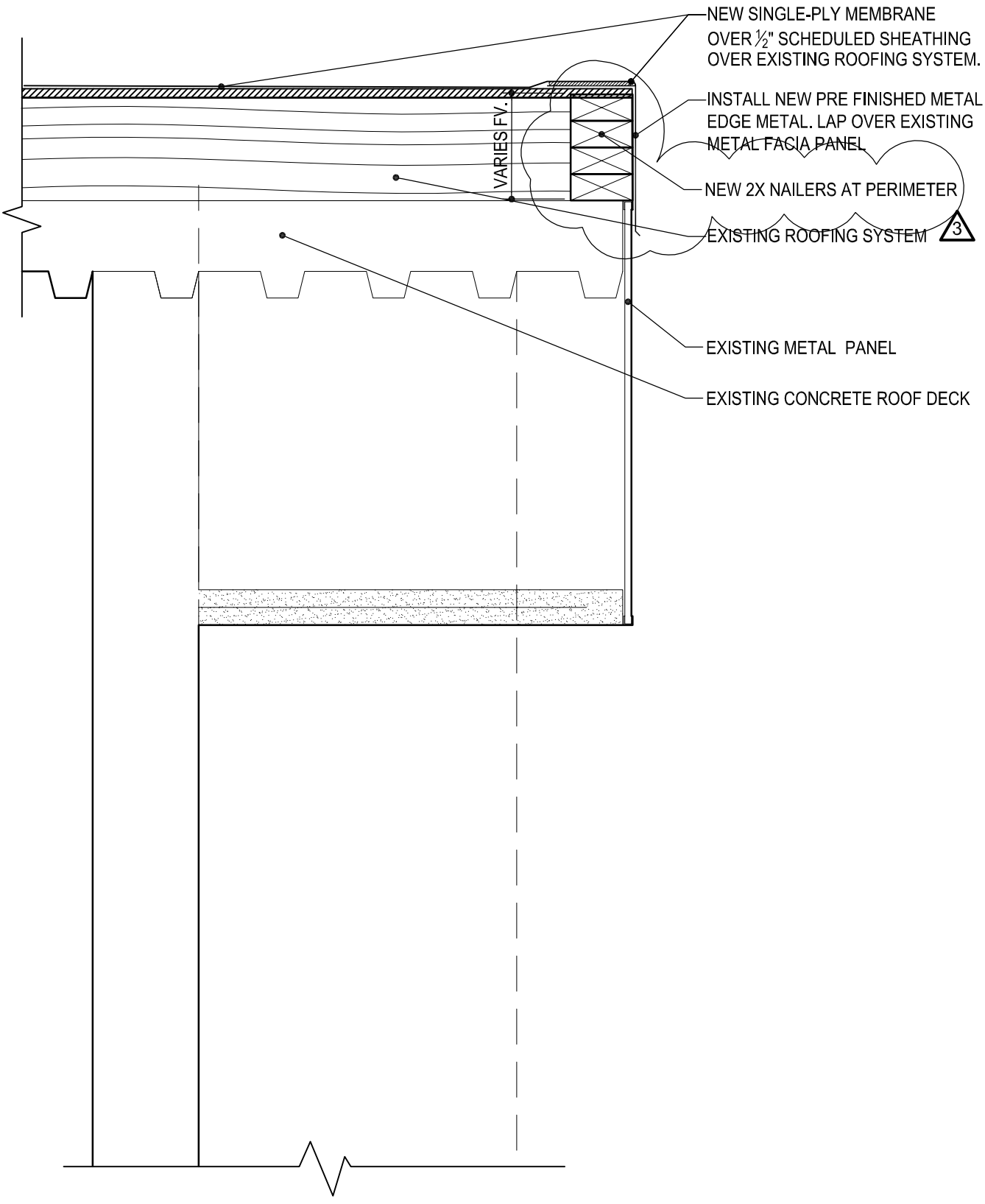
ADDENDUM 10-24-2007 3



DET. NAME: ROOF EDGE DETAIL

DET NUMBER: RF-09

SCALE: 3"=1'-0"

ISSUED: 08.10.2007 REVISION:

PROJECT: LIGHTNING PEAK ROOFING IMPROVEMENTS

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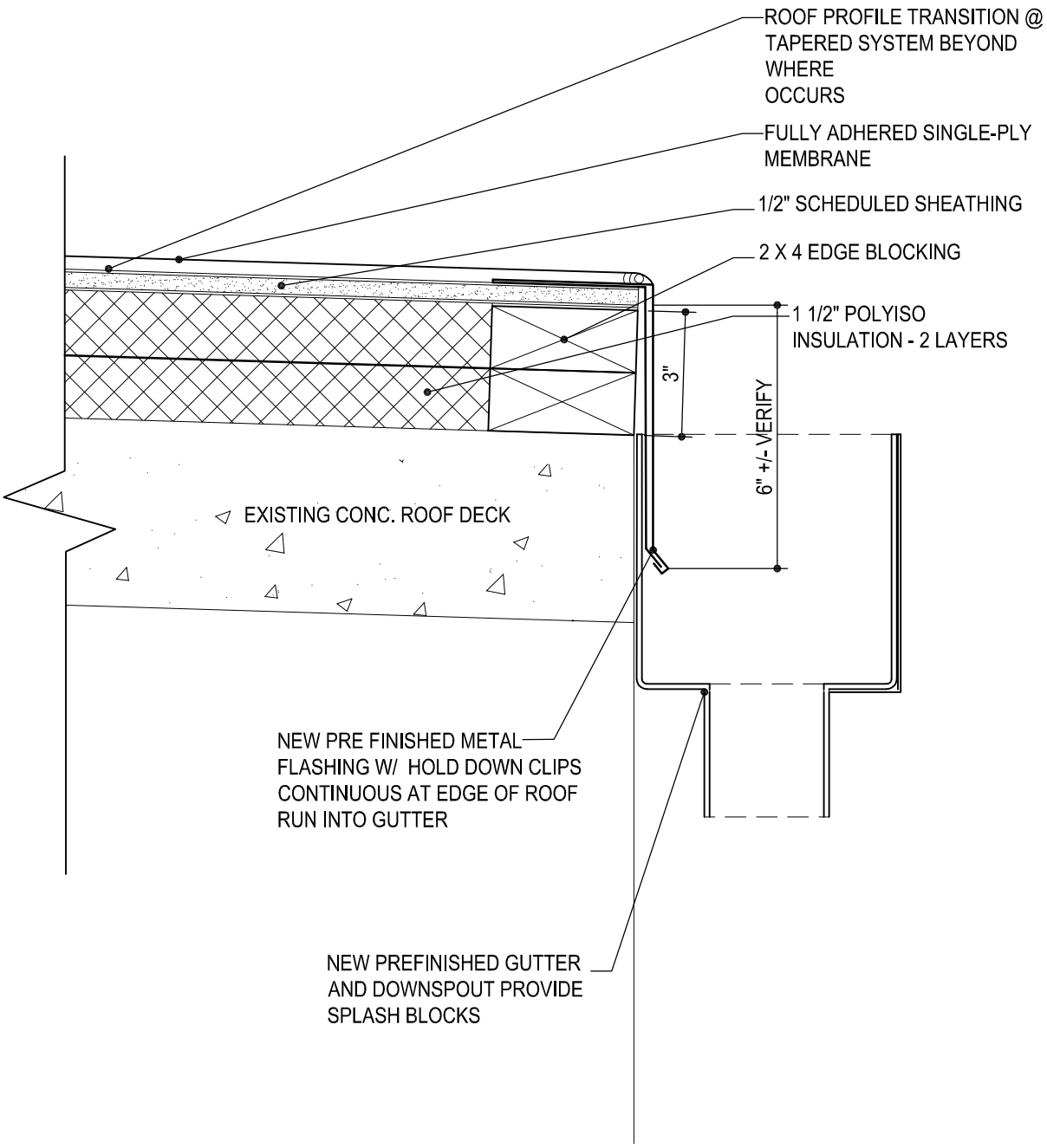
ADDENDUM 10-24-2007 3



DET. NAME: ROOF EDGE DETAIL

DET NUMBER:

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

ISSUED: 08.10.2007 REVISION:

PROJECT: LIGHTNING PEAK ROOFING IMPROVEMENTS

RF-11

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ADDENDUM 10-24-2007 3