



THE SCHOOL DISTRICT OF PHILADELPHIA

**BOARD OF EDUCATION
Office of Capital Programs
440 North Broad Street, 3rd Floor – Suite 371
Philadelphia, PA 19130**

TELEPHONE: (215) 400-4730

Addendum No. 1

Subject: Bid B-061 C of 2018/19 for General Contractor Services on Building Envelope Project

Location: John F. Hartranft School

This Addendum, dated November 4, 2021, shall modify and become part of the Contract Documents. Any items not mentioned herein, or affected by, shall remain strictly in accordance with the original document.

Questions from Bidders:

1. What is the existing composition of the different roof areas?

Response:

Main roof: Three (3) roofing core samples were taken. The roofing cores all revealed from bottom to top, 1 ½-inches of isocyanurate insulation, ½-inch fiberboard cover board, 2-ply of modified bituminous roofing and 1 ply of modified bituminous mineral cap sheet applied to a concrete roof slab. The total thickness was approximately 2-inches.

Media Center Roof: Two (2) roofing core samples were taken. The roofing cores revealed from bottom to top, 1 ½-inches of isocyanurate insulation, ½-inch fiberboard cover board, 2-ply of modified bituminous roofing and 1 ply of modified bituminous mineral cap sheet applied to a concrete roof slab. The total thickness was approximately 2-inches.

Community Wing Roof 1: Two (2) roofing core samples were taken. The roofing cores revealed from bottom to top, 1 ½-inches of isocyanurate insulation, ½-inch fiberboard cover board, 2-ply of modified bituminous roofing and 1 ply of modified bituminous mineral cap sheet applied to a concrete roof slab. The total thickness was approximately 2-inches.

Community Wing Roof 2: Two (2) roofing core samples were taken. The roofing cores revealed from bottom to top, 1 ½-inches of isocyanurate insulation, ½-inch fiberboard cover board, 2-ply of modified bituminous roofing and 1 ply of modified bituminous mineral cap sheet applied to a concrete roof slab. The total thickness was approximately 2-inches.

Community Wing Roof 3: One (1) roofing core sample was taken. The roofing core revealed from bottom to top, 1 ½-inches of isocyanurate insulation, ½-inch fiberboard cover board, 2-ply of modified bituminous roofing and 1 ply of modified bituminous mineral cap sheet applied to a concrete roof slab. The total thickness was approximately 2-inches.

Addendum No. 1 (cont'd)

2. Under the proposed conditions chart it mentions the insulation, and existing membrane to remain, but the drawings and specs show a tear off down to the concrete deck. Which are we to follow?

Response:

All roofs will be torn off down to concrete deck. New insulation and new roofing shall be installed per drawing R-100 and specifications. Sheet R-101 has been revised in agreement with this (see attached).

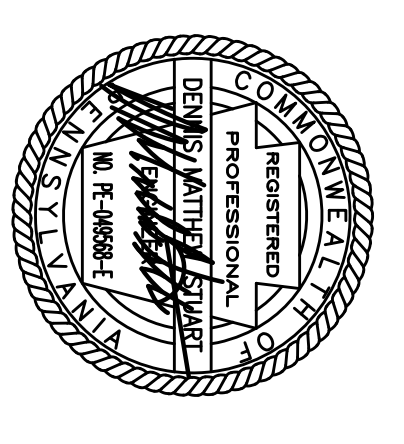
3. Is there information on existing roof cores? Cores were not taken at the site visit as there was an announcement that this information would be on the drawings or in an addendum.

Response:

See Question 1 response for all roof core information.

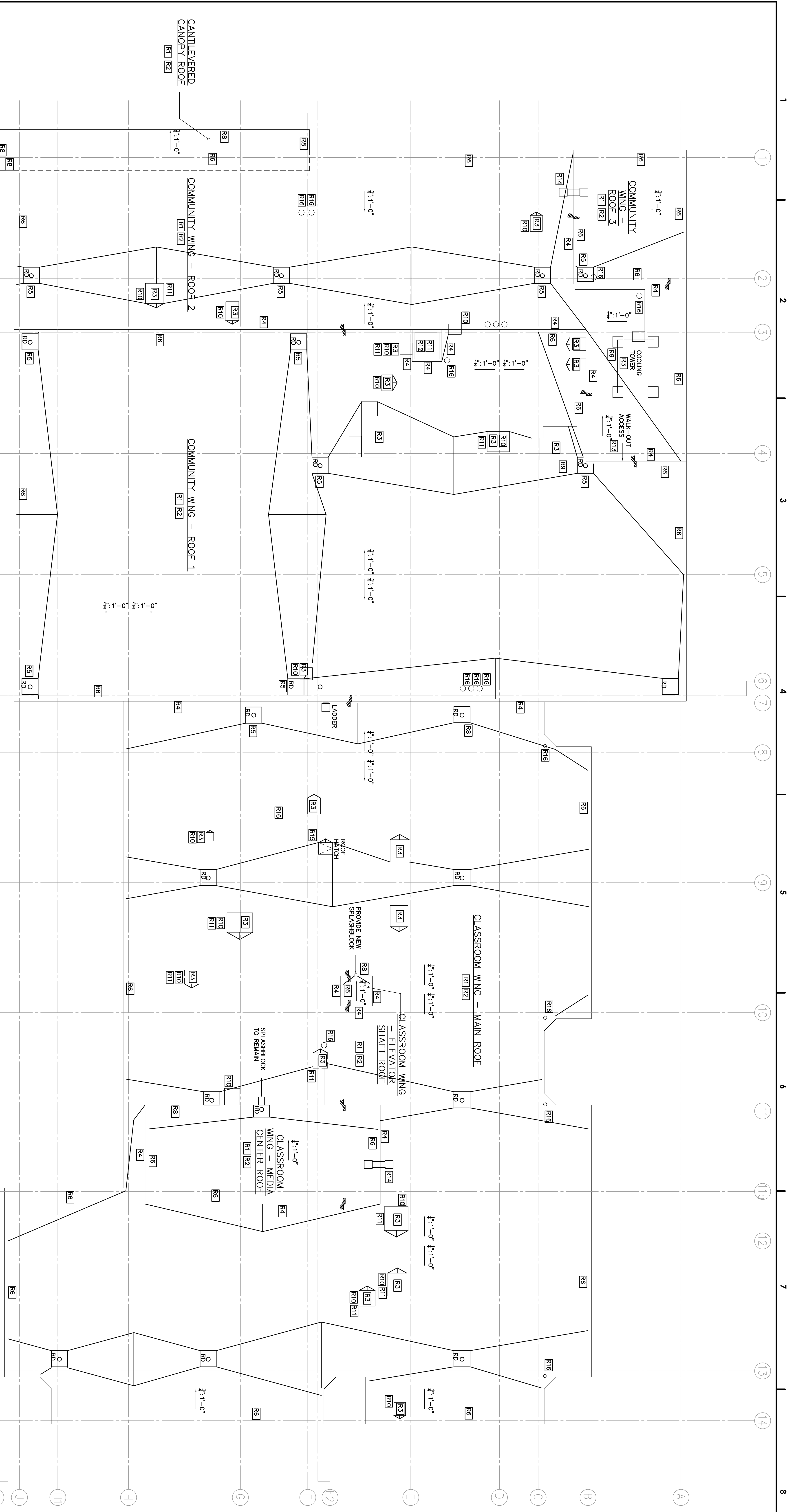
See Revised Drawing Sheet R-101 (Enclosed)

End of Addendum #1



SEAL: _____
 PENNONI, INC.
 PROFESSIONAL ENGINEER
 No. 10000000000000000000

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 STRUCTURAL ENGINEER
 PENNONI ASSOCIATES, INC.
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 Philadelphia, PA 19103
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PROPOSED CONDITIONS CHART

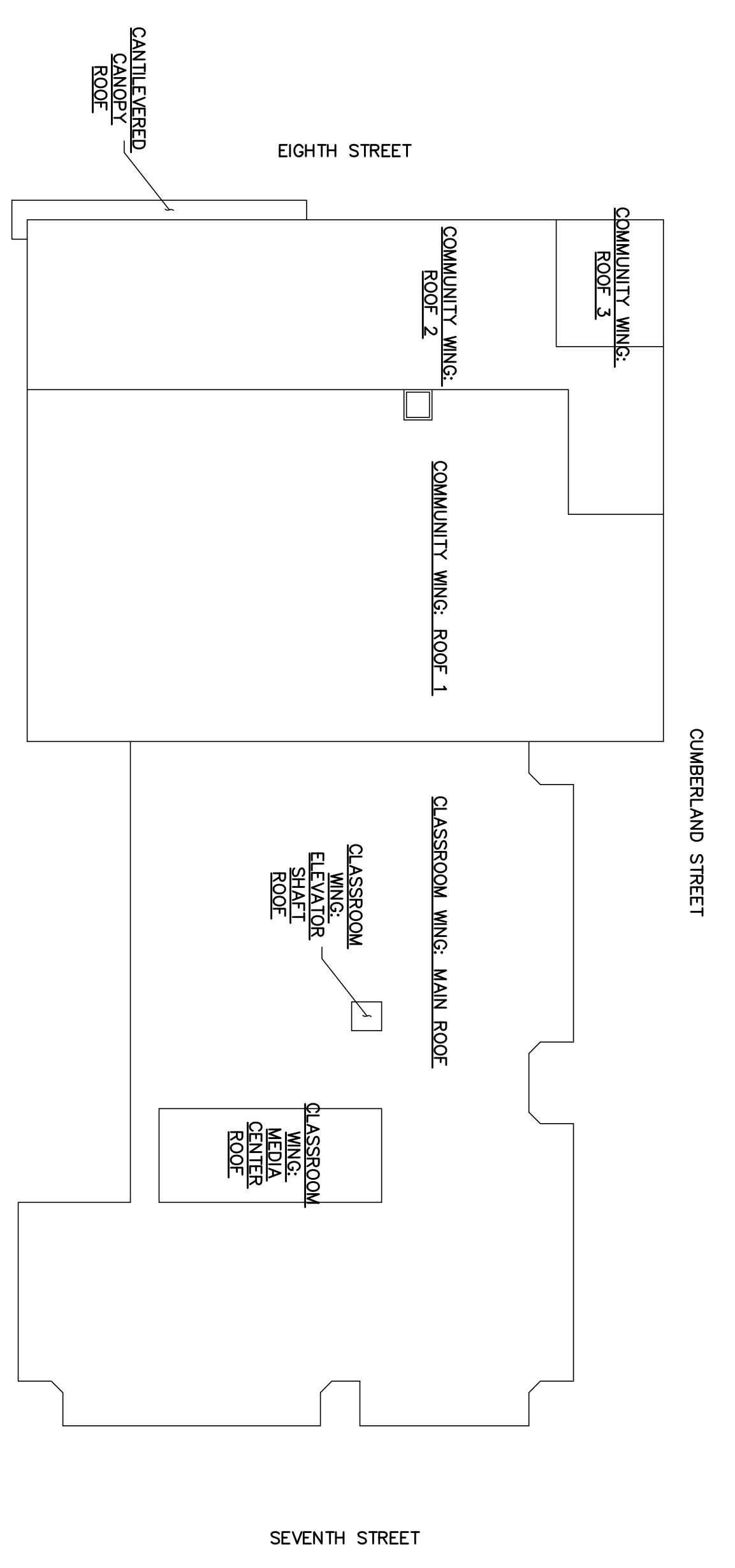
AREAS	DECK	UNDERLAY	INSULATION	MEMBRANE	FAÇADE	COMMENTS
CLASSROOM WING	CONCRETE	X	X	X	X	
FAÇADES (N,S,E,W)	PRECAST CONCRETE	X	X	X	X	
FAÇADES (E,S,E,W)	STEEL	X	X	X	X	
ELEVATOR SHAFT	ROCK	X	X	X	X	
MEDIA CENTER	EXISTING TO REMAIN	X	X	X	X	
FAÇADES (N,S,E)	BASE SHEET TO REMAIN	X	X	X	X	
ROOF 1	EXISTING TO REMAIN	X	X	X	X	
ROOF 2	EXISTING TO REMAIN	X	X	X	X	
ROOF 3	EXISTING TO REMAIN	X	X	X	X	
CANTILEVERED ROOF	EXISTING TO REMAIN	X	X	X	X	
CANTILEVERED ROOF	EXISTING TO REMAIN	X	X	X	X	

SEE OVERALL ROOF PLAN ON THIS SHEET FOR ROOF AREA DESIGNATIONS

ROOF TABLE

IDENTIFICATION MARKER	DESCRIPTION	DETAIL REFERENCE
R1	CONSTRUCTION TO REMAIN. A VENTURE SCALE ON ROOFING AT THE COMPLETION OF THE PROJECT BY AN APPROVED CONTRACTOR. REMOVE EXISTING ROOFING AND CHANGING TO REMAIN. PROVIDE WALK-WAY PADS AT UP AND DOWN.	SECTION OF 55 TO 55
R2	INSTALL NEW 8" TO INSULATION EXCEPT AT THE EXISTING ROOFING. PROVIDE WALK-WAY PADS AT UP AND DOWN. REMOVE EXISTING ROOFING AND CHANGING TO REMAIN. PROVIDE WALK-WAY PADS AT UP AND DOWN.	1/8"-200 AND SECTION OF 55 TO 55
R3	EXISTING EQUIPMENT TO REMAIN. INSTALL NEW FLASHING AT EACH FLASHING TO ROOF SPAN.	10/8"-200
R4	INSTALL NEW STAINLESS STEEL ROCKET MOUNTED COUNTER FLASHING.	3/8"-200
R5	INSTALL NEW ROOF SPAN AND METAL STRAPPER. CONTRACTOR TO VERIFY ALL DRAINING ARE FREE OF ALL DEBRIS AND THAT DRAINING ARE FREE OF ALL DEBRIS AND THAT FLASHING AND PITS ARE IN WORKING ORDER. REMOVE EXISTING FLASHING AND PROVIDE NEW FLASHING AND FLASHING SYSTEM AS SHOWN ON DRAWING. PROVIDE WALK-WAY PADS AT UP AND DOWN.	2/8"-200 AND SECTION OF 55 TO 55
R6	INSTALL NEW ROOF FLASHING AT ROOF INTERSECTIONS. PROVIDE WALK-WAY PADS AT UP AND DOWN.	8/8"-200
R7	INSTALL CHECKS AS REQUIRED TO ACHIEVE POSITIVE DRAINAGE.	SECTION OF 55 TO 55
R8	INSTALL NEW METAL EDGE.	7/8"-200
R9	INSTALL NEW PITCH POCKETS.	4/8"-200
R10	EXISTING ROOFING TO REMAIN. CLEAN, REPAIR AND REPAINT EXISTING ROOFING. PROVIDE WALK-WAY PADS AT UP AND DOWN.	NA
R11	INSTALL A STAINLESS STEEL BRD SCREEN AT ALL VENTS AND CHIMNEY STACKS.	1/8"-200
R12	EXISTING CHIMNEY TO REMAIN. REPAIR AND REPAIR PER STRUCTURAL DRAWINGS.	1/8"-200
R13	INSTALL NEW FLASHING AT ROOF INTERSECTIONS. PROVIDE WALK-WAY PADS AT UP AND DOWN.	9/8"-200
R14	INSTALL NEW VERTICAL PIPED ALUMINUM LADDER WITH WALK-WAY PADS AT UP AND DOWN. PROVIDE WALK-WAY PADS AT UP AND DOWN.	NA
R15	INSTALL A SAFETY FOLEY BY BICO OR APPROVED EQUAL TO EXISTING LADDER.	NA
R16	EXISTING STAIRS TO REMAIN. PROVIDE NEW FLASHING.	1/8"-200 OR 6/8"-200

ROOF PLAN
 SCALE: 3/32" = 1'-0"
 NORTH



PARTIAL ELEVATION KEY PLAN

BID SET
 9/23/2021

DRAWING NO. **R-101**

DRAWING SCALE AS NOTED

NO.	DATE	REVISION
10		
9		
8		
7		
6		
5		
4		
3		
2		
1		

DRAWING TITLE: **ROOF PLAN**

DRAWING NO. **R-101**

LOCATION NO. **XXXX**

DRAWN BY **DWS**

CHECKED BY **DWS**

DATE **2018 / 11**

DRAWING NO. **R-101**

SHEET **17** OF **18**

SCHOOL & LOCATION
John F. Harlan School
 750 W. Cumberland Street,
 Philadelphia, PA 19143

PROJECT TITLE
**BUILDING ENVELOPE
 RENOVATION PROJECT**