

**THE SCHOOL DISTRICT OF PHILADLPHIA
SCHOOL REFORM COMMISSION
Office of Capital Programs
440 North Broad Street, 3rd Floor – Suite 371
Philadelphia, PA 19130**

TELEPHONE: (215) 400-4730

Addendum No. 1

**Subject: Thurgood Marshall Elementary School
Roof Replacement
SDP Contract No. B-059C of 2016/17**

**Location: Thurgood Marshall Elementary School
5120 North Sixth Street
Philadelphia, Pennsylvania 19120**

This Addendum, dated November 30, 2017 shall modify and become part of the Contract Documents for the work of this project. Any items not mentioned herein, or affected by, shall be performed strictly in accordance with the original documents. This addendum contains two (2) numbered pages, one page of revised specifications, one (1) ADD. #1 Sketch and one (1) Sign-in Sheet for a total of five (5) pages.

1. Bids

- A. Bids are still due by 2:00 p.m., Tuesday, December 5, 2017

2. Post-Bid De-Scope Conference

- A. A Post-Bid, De-Scope meeting is scheduled for the following day, Wednesday, December 6, 2017 at 10:00 a.m. at the Office of Capital Programs, conference room 3126, 3rd floor, 440 North Broad Street. The apparent Low-Bidder is required to attend, a principal of the bidder or representative authorized to make binding commitments must attend the meeting.

3. Revisions to GENERAL SPECIFICATIONS-Division 01

- A. Correct the headers to read:
THURGOOD MARSHALL ELEMENTARY SCHOOL-ROOF REPLACEMENT
SDP CONTRACT NO. B-059C of 2016/17
- B. Correct Section 01 1000 SUMMARY SCOPE OF WORK as follows:
DELETE Paragraph 1.1 A through E and REPLACE with the attached Pararagh 1.1-SUMMARY
SCOPE OF WORK
- C. CORRECT Paragraph 1.3 as follows:
 - A. Project Identification: Specification B-059C of 2016/17-Marshall Elementary School Roof Replacement.
 - B. Project Location: 5118-5150 North 6th Street, Philadelphia, PA 19120
 - C. Architect/Engineer: Wist Janney Elstner Associates

4. Drawings

- A. Sheet R-1 (refer to attached partial roof plan drawing ADD. #1)
 - a. Revise key note 5 for Roof Area B to read: Remove and discard abandoned satellite dish, dish support frame, and frame ballast.
 - b. Add key note 10 to northeast corner of Roof Area A.
 - c. At northeast corner of Roof Area B, revise noted legend from S (service line) to G (ground) and add key note 12 to this lightning protection ground post.

Addendum No. 1 (cont'd)

5. Specifications

- A. Specification Section 07 22 00 - Roof Insulation: add the following:
 - 2.1B.4 Soprema: Sopra-ISO+
- B. Specification Section 07 24 00 - Modified Bituminous Membrane Waterproofing Vapor Barrier: omit Section 2.2.B.
- C. Specification Section 07 53 10 - Modified Bitumen Membrane: Section 2.2.A.3. Flashing (2-ply) shall be revised to Parafor 30TG over Paradiene 20TG.
- D. Specification Section 07 24 00 - Modified Bituminous Membrane Waterproofing Vapor Barrier: add the following:
 - 2.2A.4 Soprema: Sopralene Flam 180
 - 2.5A.4 Soprema: Sopralene Flam Stick
- E. Specification Section 07 53 10 - Modified Bituminous Membrane: add the following:
 - 2.2.A.4 Manufacturer: Soprema
 - Bottom Ply: Sopralene Flam 180
 - Top Ply: Sopralene Flam 180 FR GR with highly reflective white granules
 - Flashing (2-ply): Sopralene Flam 180 FR GR with highly reflective white granules over Sopralene Flam 180 and Alsan Liquid Flashing over Sopralene Flam 180
 - 2.4A.4 Soprema: Alsan RS
 - 2.5A.4 Soprema: Flam Stick
 - 2.11A.4 Soprema: Soprawalk

6. Other

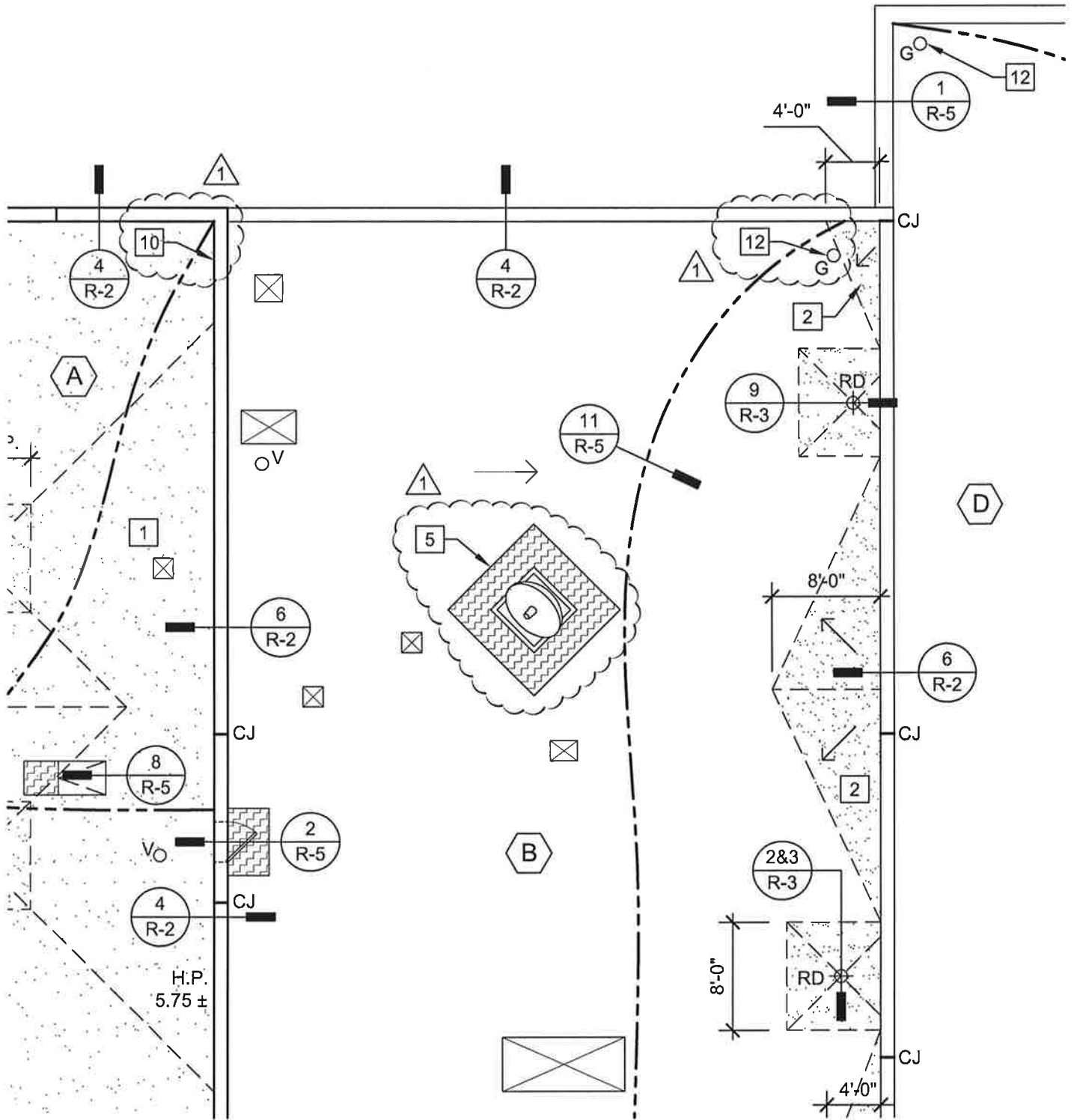
Additional Scope and Clarifications

- A. New roof membrane assembly to be constructed with two plies of heat welded modified bitumen (one granule-surfaced ply over one smooth-surfaced ply).
- B. Lightning protection system to be removed and/or reinstalled where in contact with roofing to be removed and replaced, and as necessary to complete the specified work. Work to be performed by a lightning protection installation firm that will provide a Certificate of Compliance with UL96A and NFPA 780 upon completion of the work and prior to acceptance of the work.
- C. All roof drains to be tested for free flow/blockage prior to and upon completion of the work with all results provided in a report to the School District Project Manager.

-END OF ADDENDUM NO. 1-

1.1 SUMMARY SCOPE OF WORK- The work includes, but is not limited to:

1. Testing of roof drains and storm water inlets at grade prior to start of work to verify if clear and free flowing.
2. Inspection of all rooftop mechanical equipment, power and control wiring/conduit, antennae and satellite dishes, and related cable and light fixtures for existing damage and to verify if functioning properly.
3. Infrared roof moisture survey after completion of all insulated low-slope roofing.
4. Completely remove and discard all low sloped roofing to structural roof decks, walls, and curb substrates and remove all plywood cants at the base of rising walls.
5. Remove and discard existing sheet metal flashings, except where noted to be reused.
6. Remove and replace all existing roof drains.
7. Temporary disconnection and reinstallation of the lightning protection system by a licensed lightning protection system installer as necessary to perform the roofing and related work.
8. Install one ply of modified bitumen vapor barrier over all low slope concrete roof deck substrates.
9. Install insulation board, tapered insulation board, and cover board over all low slope roof deck substrates.
10. Install 2-ply modified bitumen roof membrane system over all low slope roof areas.
11. Install new sheet metal flashings, gutters, downspouts, and scuppers as noted on the drawings and in the specifications.
12. Remove and replace the existing gutters and downspouts on metal roof areas M-1 and M-3.
13. Remove and replace sealants in masonry wall control and expansion joints in rising walls above project roof areas and around the skylight glass on Roof Area A.
14. Install new pre-formed sealant over all end joints in the existing coping.
15. Paint existing ferrous metal (steel), including but not limited to, dunnage, roof hatch cover, roof access doors, and door framing.
16. Install one new roof access window and stairs for access to Roof Area F.
17. Replace plumbing vent flashings on metal roof area M-3.
18. Protect all new roofing throughout project from damage from construction related damage and wear.
19. Upon completion and acceptance of the work, provide contractor's two-year guarantee for all new roofing and related work and the low slope roof membrane manufacturer's 25-year No Dollar Limit roofing system warranty.



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Project **ROOF REPLACEMENT**
THURGOOD MARSHALL ELEMENTARY SCHOOL
5118-50 NORTH 6th STREET, PHILADELPHIA, PA

Sheet Title **PARTIAL ROOF PLAN**

Proj. No. **2017.2508**
Date **11/27/17**
Drawn **SMS**
Checked **SSD**
Scale **3/32"=1'-0"**

ADD. #1

Sheet No.

SIGN-IN SHEET

- School Name: MARSHALL
- Scope of Work: ROOF REPLT
- Conference Date: NOV. 22, 2017 @ 10:00 AM

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