



Project No. 11013.80

**GEORGETOWN MIDDLE-HIGH SCHOOL RENOVATIONS
Georgetown, MA**

ADDENDUM NO. 1

February 10, 2015

The original Specifications and Drawings dated February 4, 2015, for the above noted project are amended as stated in this Addendum. Receipt of the Addendum shall be acknowledged by inserting its number in the space provided on the Bid Form. This Addendum consists of 2, pages plus the following attachments:

ATTACHMENTS

1. ARCHITECTURAL REVISION SKETCHES
RA1-01

2. ARCHITECTURAL REVISED DRAWINGS
A1-1-6 – ROOF PLAN AREA A
A1-1-7 – ROOF PLAN AREA B
A1-1-8 – ROOF PLAN AREA C

3. ARCHITECTURAL ADDED DRAWINGS
A6-3-2 – WINDOW DETAILS

AMENDMENTS TO PROJECT MANUAL

DIVISION 01 – GENERAL REQUIREMENTS

- ADD 1-01 SECTION – LIST OF DRAWINGS**
Page 2 – ADD the following line after “A6-3-1 – WINDOW TYPES”:
A6-3-2 – WINDOW DETAILS

AMENDMENTS TO DRAWINGS

GENERAL

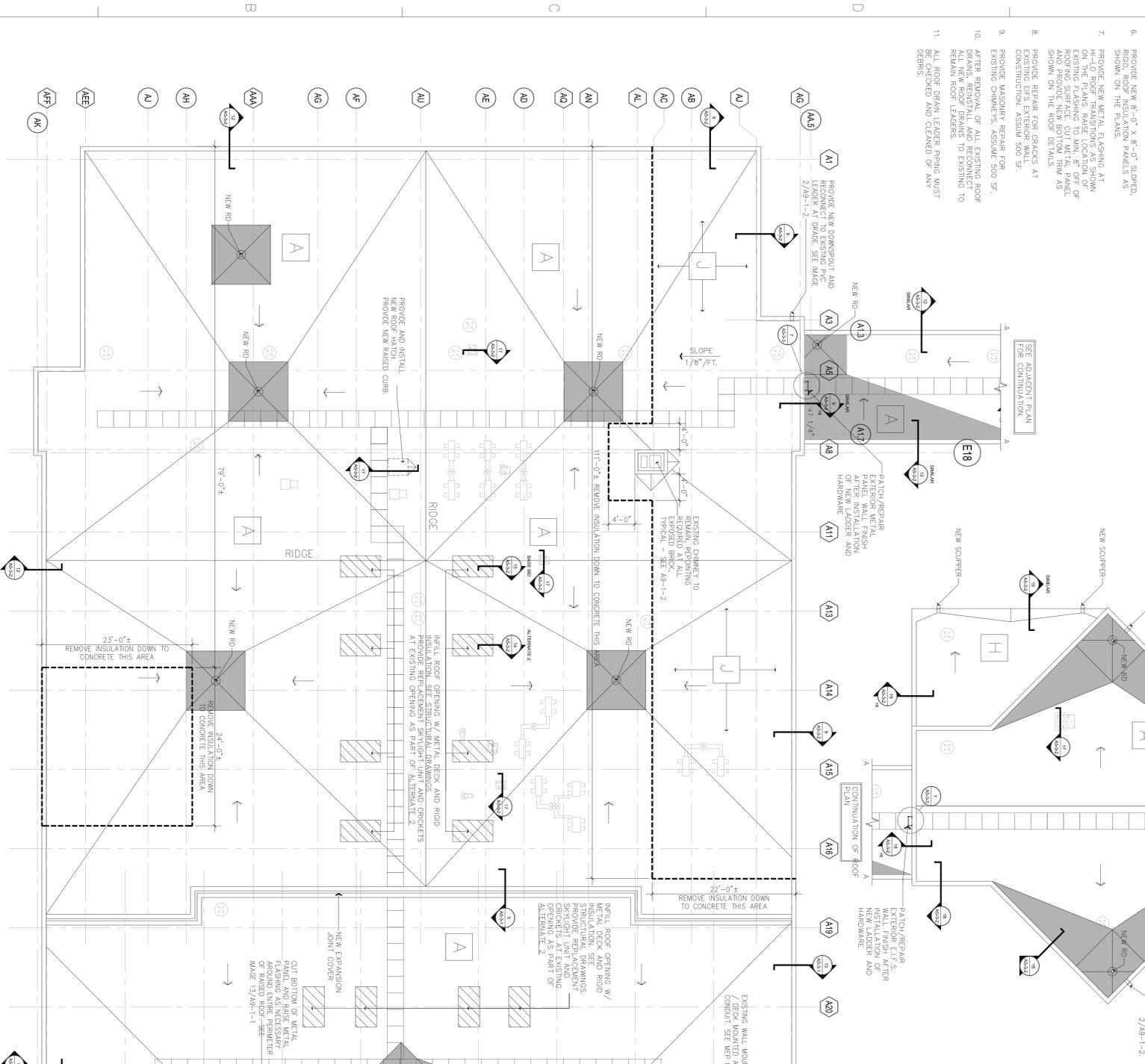
- ADD 1-02 SHEET G0-0-0 – COVER SHEET**
ADD the following line to “LIST OF DRAWINGS” after “A6-3-1 – WINDOW TYPES”:
A6-3-2 – WINDOW DETAILS

ARCHITECTURAL

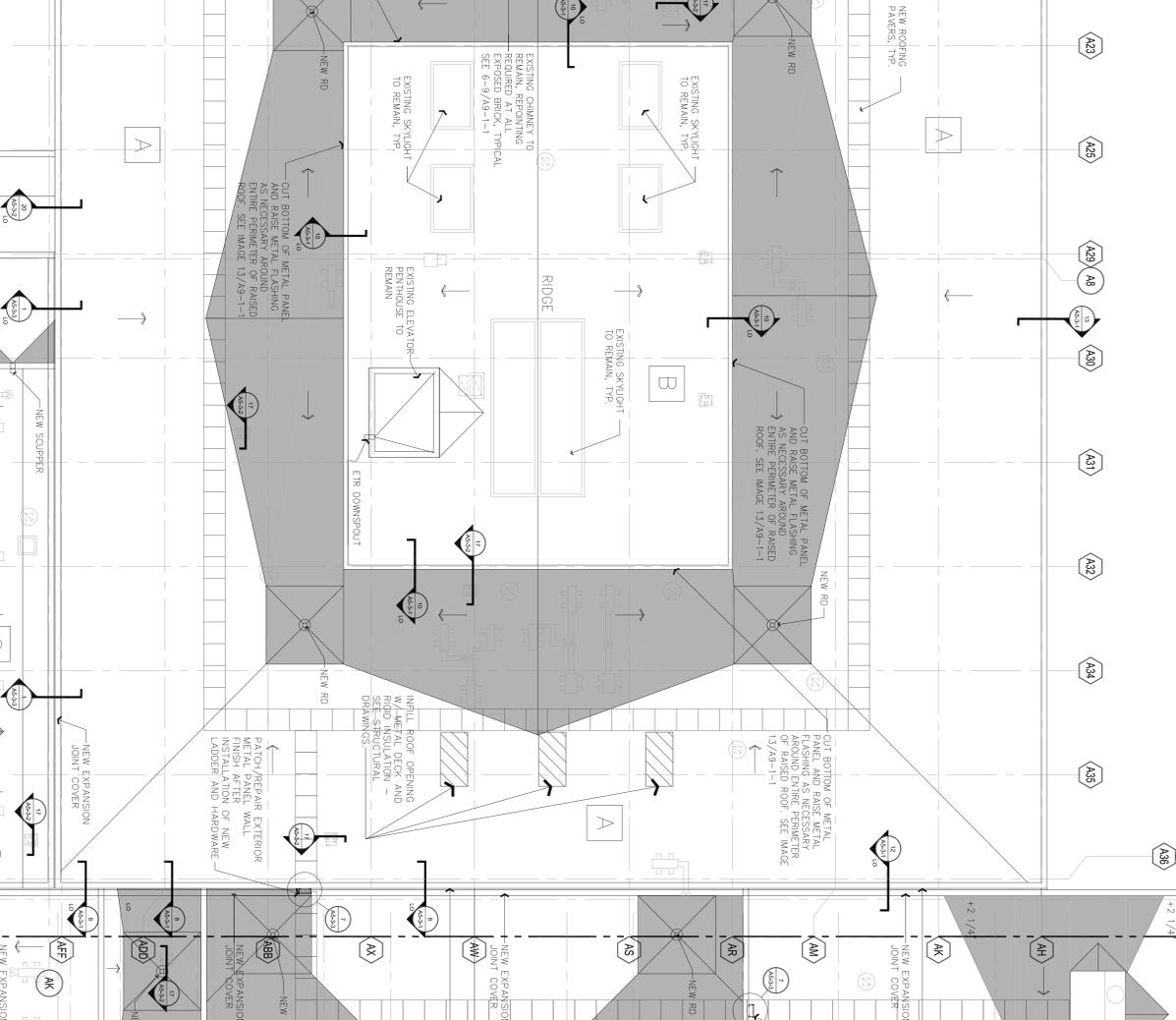
- ADD 1-03 A1-1-6 – ROOF PLAN AREA A**
REPLACE existing sheet A1-1-6 with attached sheet A1-1-6.
Sheet includes existing rooftop equipment
- ADD 1-04 A1-1-7 – ROOF PLAN AREA B**
REPLACE existing sheet A1-1-7 with attached sheet A1-1-7.
Sheet includes existing roof top equipment
- ADD 1-05 A1-1-8 – ROOF PLAN AREA C**
REPLACE existing sheet A1-1-8 with attached sheet A1-1-8.
Sheet includes existing roof top equipment
- ADD 1-06 6/A6-3-1 – STOREFRONT SILL DETAIL**
Refer to RA1-01 for REVISED storefront sill detail.
- ADD 1-07 A6-3-2 – WINDOW DETAILS**
ADD attached sheet A6-3-2.

END OF ADDENDUM NO. 1

- ROOF PLAN GENERAL NOTES:**
1. PROVIDE NEW EPDM MEMBRANE FOR ALL ROOF SURFACES UNLESS SHOWN OTHERWISE.
 2. REFER TO MEP DRAWINGS FOR EQUIPMENT LOCATIONS.
 3. PROVIDE AND INSTALL NEW WALKWAY PAVES AS SHOWN ON THE PLANS.
 4. PROVIDE AND INSTALL NEW METAL PANELS AS SHOWN IN THE ROOF DETAILS.
 5. PROVIDE AND INSTALL NEW EXPANSION JOINTS AS SHOWN ON THE PLANS.
 6. PROVIDE NEW 8'-0" X 8'-0" SLOPED RIGID ROOF INSULATION PANELS AS SHOWN ON THE PLANS.
 7. PROVIDE NEW METAL FLASHING AT ALL ROOF PENETRATIONS AS SHOWN ON THE PLANS. PROVIDE NEW METAL FLASHING TO MIN. 8" OF ROOF SURFACE. CUT METAL PANELS TO FIT OVER FLASHING. PROVIDE NEW METAL FLASHING ON THE ROOF DETAILS.
 8. PROVIDE REPAIR FOR SPALLS AT EXISTING EBS EXTERIOR WALL CONSTRUCTION. ASSUM 500 SF.
 9. PROVIDE MASONRY REPAIR FOR EXISTING CHIMNEYS. ASSUME 500 SF.
 10. AFTER REMOVAL OF ALL EXISTING ROOF DRAINS, REINSTALL AND RECONNECT ALL NEW ROOF DRAINS TO EXISTING TO REMAIN ROOF LEADERS.
 11. ALL ROOF DRAIN LEADER PIPING MUST BE DEBRIS FREE.
 12. PROVIDE FOR PARTIAL REPAIR ADJACENT OF LIGHTWEIGHT CONCRETE AT ROOF DECK TYPE 'X'. ASSUME 1,000 SF.
 13. REFER TO DETAIL 16/AS-3-2 FOR TYPICAL DRAIN DETAIL.
 14. REMOVE EXISTING SKYLIGHTS AS SHOWN ON THE PLANS AND PROVIDE AND INSTALL NEW METAL AT ROOF DECK. PROVIDE AND INSTALL REPLACEMENT INSULATION OF THE ROOF MEMBRANE AS PART OF ALTERNATE NO. 2.
 15. REFER TO UMG NOTES FOR ALL GREENHOUSE EXHAUST LOCATIONS.



- ROOF TYPES:**
- A. EXISTING ROOF STRUCTURE: LIGHT WEIGHT CONCRETE W/ 1/8" BUILT IN SLOPE TO DRAIN. ATTACHED. PROVIDE NEW CRACKS. NEW ROOFING TO BE 60 MIL EPDM SINGLE PLY.
 - B. NO WORK IN THIS AREA.
 - C. EXISTING ROOF STRUCTURE: CEMENTITIOUS WOOD FIBER PANELS ON STEEL JOIST W/ 1/8" PER FOOT BUILT IN SLOPE TO DRAIN. MECHANICALLY ATTACHED WITH TAPERED INSULATION AND CRICKETS OVER AS SHOWN ON THE DRAWINGS. NEW ROOFING TO BE 60 MIL EPDM SINGLE PLY.
 - D. EXISTING ROOF STRUCTURE: CEMENTITIOUS WOOD FIBER PANELS ON STEEL JOIST W/ 1/8" PER FOOT BUILT IN SLOPE TO DRAIN. EXISTING DOUBLE LAYER 18" RIGID INSULATION TO REMAIN U.N.O. ADD 1" FLAT POLYISOCYANURATE INSULATION + 3" COVER BOARD MECHANICALLY ATTACHED WITH TAPERED INSULATION AND CRICKETS OVER AS SHOWN ON THE DRAWINGS. NEW ROOFING TO BE 60 MIL EPDM SINGLE PLY.
 - E. EXISTING ROOF STRUCTURE: PLYWOOD ON WOOD BEAMING SYSTEMS. FLAT W/ NO SLOPE. EXISTING ROOF STRUCTURE: PLYWOOD ON WOOD BEAMING SYSTEM. SLOPED TO DRAIN. IN TWO DIRECTIONS. EXISTING DOUBLE LAYER 18" RIGID INSULATION TO REMAIN U.N.O. ADD 1" FLAT POLYISOCYANURATE INSULATION + 3" COVER BOARD MECHANICALLY ATTACHED WITH TAPERED INSULATION AND CRICKETS OVER AS SHOWN ON THE DRAWINGS. NEW ROOFING TO BE 60 MIL EPDM SINGLE PLY.
 - F. EXISTING ROOF STRUCTURE: EXISTING STEEL DECK ON STEEL JOIST W/ 1/8" PER FOOT BUILT IN SLOPE TO DRAIN. EXISTING DOUBLE LAYER 18" RIGID INSULATION TO REMAIN U.N.O. ADD 1" FLAT POLYISOCYANURATE INSULATION + 3" COVER BOARD MECHANICALLY ATTACHED WITH TAPERED INSULATION AND CRICKETS OVER AS SHOWN ON THE DRAWINGS. NEW ROOFING TO BE 60 MIL EPDM SINGLE PLY.
 - G. EXISTING ROOF STRUCTURE: EXISTING STEEL DECK ON STEEL JOIST W/ 1/8" PER FOOT BUILT IN SLOPE TO DRAIN. EXISTING DOUBLE LAYER 18" RIGID INSULATION TO REMAIN U.N.O. ADD 1" FLAT POLYISOCYANURATE INSULATION + 3" COVER BOARD MECHANICALLY ATTACHED WITH TAPERED INSULATION AND CRICKETS OVER AS SHOWN ON THE DRAWINGS. NEW ROOFING TO BE 60 MIL EPDM SINGLE PLY.
 - H. EXISTING ROOF STRUCTURE: LIGHT WEIGHT CONCRETE W/ 1/8" BUILT IN SLOPE TO DRAIN. EXISTING DOUBLE LAYER 18" RIGID INSULATION TO REMAIN U.N.O. ADD 1" FLAT POLYISOCYANURATE INSULATION + 3" COVER BOARD MECHANICALLY ATTACHED WITH TAPERED INSULATION AND CRICKETS OVER AS SHOWN ON THE DRAWINGS. NEW ROOFING TO BE 60 MIL EPDM SINGLE PLY.
 - I. EXISTING ROOF STRUCTURE: LIGHT WEIGHT CONCRETE W/ 1/8" BUILT IN SLOPE TO DRAIN. PROVIDE NEW CRACKS. NEW ROOFING TO BE 60 MIL EPDM SINGLE PLY.
 - J. EXISTING ROOF STRUCTURE: LIGHT WEIGHT CONCRETE W/ 1/8" BUILT IN SLOPE TO DRAIN. PROVIDE NEW CRACKS. NEW ROOFING TO BE 60 MIL EPDM SINGLE PLY.



1 ROOF PLAN - AREA A
SCALE: 3/8"=1'-0"

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D.R.A.
233 Bartlett Road
Waltham, MA 02451
617-964-1700
info@dra.com

GEORGETOWN, MASSACHUSETTS
MIDDLE-HIGH SCHOOL RENOVATIONS

Project Name: 617-964-1700
Interior Design: info@dra.com

ROOF LEGEND

SHADDED AREA DENOTES EXTENT OF TAPERED ROOF INSULATION

| REVISIONS: | |
|------------|--------------------------|
| NUMBER | ISSUE DATE DESCRIPTION |
| 1 | 2/10/2015 Addendum No. 1 |

BID SET

PROJECT NORTH

KEY PLAN

ROOF PLAN AREA A

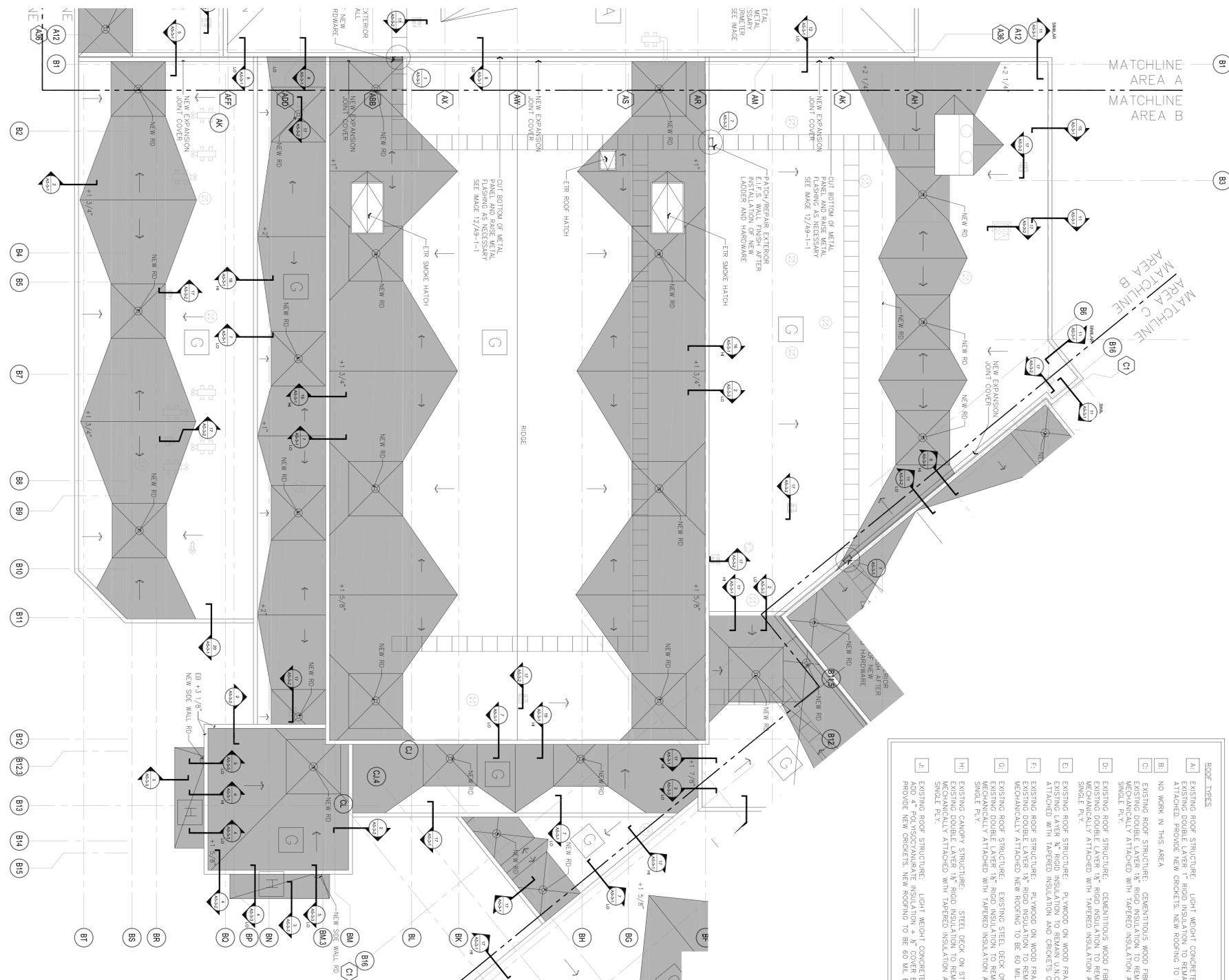
A1-1-6

Scale: 3/8"=1'-0"

Job No.: 1101380
Drawn By: 24/2015

ROOF PLAN GENERAL NOTES:

1. PROVIDE NEW EPDM MEMBRANE FOR ALL ROOF SURFACES U.N.O.
2. REFER TO MEP DRAWINGS FOR EQUIPMENT LOCATIONS.
3. PROVIDE AND INSTALL NEW WALKWAY PADS AS SHOWN ON THE PLANS.
4. PROVIDE AND INSTALL NEW METAL ROOF EDGE AS SHOWN IN THE ROOF DETAILS.
5. PROVIDE AND INSTALL NEW EXPANSION JOINTS COVERS AS SHOWN ON THE PLANS.
6. PROVIDE NEW 8'-0" X 8'-0" SLOPED, H-I-L-O ROOF TRANSITIONS AS SHOWN ON THE PLANS. RAISE LOCATION OF EXISTING FLASHING TO MIN. 1/4" OF EXISTING ROOF FINISH AND PROVIDE NEW BOTTOM TEB AS SHOWN ON THE ROOF DETAILS.
7. PROVIDE REPAIR FOR CRACKS AT EXISTING ETS EXTERIOR WALL CONSTRUCTION, ASSUM 500 SF.
8. PROVIDE MASONRY REPAIR FOR EXISTING COMMENTS, ASSUM 500 SF.
9. AFTER REMOVAL OF ALL EXISTING ROOF DRAINS, REPAIR AND RECONSTRUCT TO REMAIN ROOF LEADERS.
10. ALL ROOF GRAIN LEADER PIPING MUST BE CHECKED AND CLEANED OF ANY DEBRIS.
11. PROVIDE FOR PARTIAL REPLACEMENT OF LIGHTWEIGHT CONCRETE AT ROOF DECK TYPE X, ASSUME 1000 SF.
12. REFER TO DETAIL 16/A5-1-2 FOR TYPICAL DRAIN DETAIL.
13. REMOVE EXISTING SKYLIGHTS AS SHOWN ON THE PLANS AND PROVIDE AND TOPPING AND INSULATION PRIOR TO INSTALLATION OF THE ROOF MEMBRANE. SKYLIGHTS AS SHOWN ON THE PLANS AS PART OF ALTERNATE NO. 2.
14. REFER TO HVAC DWGS. FOR ALL GOOSENECK EXHAUST LOCATIONS.



ROOF TYPES

| | |
|---|--|
| A | EXISTING ROOF STRUCTURE. LIGHT WEIGHT CONCRETE W/ 1/16" BUILT IN SLOPE TO DRAIN. EXISTING DOUBLE LAYER 1" RIGID INSULATION TO REMAIN U.N.O. ADD 2" POLYISOCYANURATE INSULATION + 3" COVER BOARD MECHANICALLY ATTACHED. PROVIDE NEW CRICKETS. NEW ROOFING TO BE 60 MIL EPDM SINGLE PLY. |
| B | NO WORK IN THIS AREA |
| C | EXISTING ROOF STRUCTURE. GEOMETRIC WOOD FIBER PANELS ON STEEL JOIST W/ 1/8" PER FOOT BUILT IN SLOPE TO DRAIN. MECHANICALLY ATTACHED WITH TAPERED INSULATION AND CRICKETS OVER AS SHOWN ON THE DRAWINGS. NEW ROOFING TO BE 60 MIL EPDM SINGLE PLY. |
| D | EXISTING ROOF STRUCTURE. GEOMETRIC WOOD FIBER PANELS ON STEEL JOIST W/ 1/8" PER FOOT BUILT IN SLOPE TO DRAIN. MECHANICALLY ATTACHED WITH TAPERED INSULATION AND CRICKETS OVER AS SHOWN ON THE DRAWINGS. NEW ROOFING TO BE 60 MIL EPDM SINGLE PLY. |
| E | EXISTING ROOF STRUCTURE. PLYWOOD ON WOOD FRAMING SYSTEMS, FLAT W/ NO SLOPE. EXISTING LAYER 3/4" RIGID INSULATION TO REMAIN U.N.O. ADD 2" FLAT POLYISOCYANURATE INSULATION + 3" COVER BOARD MECHANICALLY ATTACHED WITH TAPERED INSULATION AND CRICKETS OVER AS SHOWN ON THE DRAWINGS. NEW ROOFING TO BE 60 MIL EPDM SINGLE PLY. |
| F | EXISTING ROOF STRUCTURE. PLYWOOD ON WOOD FRAMING SYSTEM, SLOPED TO DRAIN IN TWO DIRECTIONS. EXISTING DOUBLE LAYER 1/2" RIGID INSULATION TO REMAIN U.N.O. ADD 1" FLAT POLYISOCYANURATE INSULATION + 3" COVER BOARD MECHANICALLY ATTACHED WITH TAPERED INSULATION AND CRICKETS OVER AS SHOWN ON THE DRAWINGS. NEW ROOFING TO BE 60 MIL EPDM SINGLE PLY. |
| G | EXISTING ROOF STRUCTURE. EXISTING STEEL JOIST W/ 1/8" PER FOOT BUILT IN SLOPE TO DRAIN. EXISTING DOUBLE LAYER 1/2" RIGID INSULATION TO REMAIN U.N.O. ADD 1" FLAT POLYISOCYANURATE INSULATION + 3" COVER BOARD MECHANICALLY ATTACHED WITH TAPERED INSULATION AND CRICKETS OVER AS SHOWN ON THE DRAWINGS. NEW ROOFING TO BE 60 MIL EPDM SINGLE PLY. |
| H | EXISTING CANOPY STRUCTURE. STEEL DECK ON STEEL JOIST W/ 1/8" PER FOOT BUILT IN SLOPE TO DRAIN. EXISTING DOUBLE LAYER 1/2" RIGID INSULATION TO REMAIN U.N.O. ADD 1" FLAT POLYISOCYANURATE INSULATION + 3" COVER BOARD MECHANICALLY ATTACHED WITH TAPERED INSULATION AND CRICKETS OVER AS SHOWN ON THE DRAWINGS. NEW ROOFING TO BE 60 MIL EPDM SINGLE PLY. |
| I | EXISTING ROOF STRUCTURE. LIGHT WEIGHT CONCRETE W/ 1/16" BUILT IN SLOPE TO DRAIN. ADD 4" POLYISOCYANURATE INSULATION + 3" COVER BOARD MECHANICALLY ATTACHED. PROVIDE NEW CRICKETS. NEW ROOFING TO BE 60 MIL EPDM SINGLE PLY. |

1 ROOF PLAN - AREA B
SCALE: 3/8"=1'-0"



233 Beech Hill Road
Fossberg
Anderson, MA 02851
Phone: 617-264-1700
Fax: 617-264-1700
info@drain.com

**GEORGETOWN
MIDDLE-HIGH
SCHOOL
RENOVATIONS**

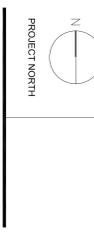
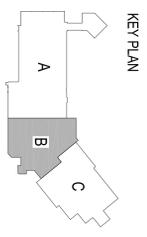
GEORGETOWN,
MASSACHUSETTS



BID SET

REVISIONS:

| NUMBER | ISSUE DATE | DESCRIPTION |
|--------|------------|----------------|
| 1 | 2/10/2015 | Addendum No. 1 |



ROOF PLAN
AREA B

Scale: 3/8"=1'-0"
Job No.: 11013.80
Drawn By: A1-1-7
Date: 2/4/2015

