

BASE BID

ASBESTOS CONTAINING MATERIALS (ACM) HAVE BEEN IDENTIFIED IN THE BUILT UP ROOFING MATERIALS AND BLACK TAR ASSOCIATED WITH THE FLAT ROOF, PARAPET WALLS, AND CHIMNEYS OF THE 1936 BRICK BUILDING STRUCTURE. AND VALLEY TRANSITION MATERIALS ARE LOCATED UNDER NON-ASBESTOS TPO ROOF COVERING.

CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE REMOVAL, HANDLING, PACKAGING AND DISPOSAL OF IDENTIFIED ACM ROOFING AND TAR MATERIALS FROM THE 1936 BRICK BUILDING STRUCTURE AND VALLEY TRANSITION USING EPA ACCREDITED, MARYLAND LICENSED ASBESTOS ABATEMENT CONTRACTOR/ PERSONNEL. ANY ROOF DECKING THAT IS REQUIRED TO BE REPLACED, DUE TO DAMAGE AND SHOWS ASBESTOS CONTAMINATION, MUST BE DISPOSED OF AS SUCH.

CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL INTERIOR AREAS AND EXTERIOR PUBLIC SPACES FREE OF DEBRIS DURING ENTIRE ROOF REMOVAL PROCESS. CARE MUST BE TAKEN IN AREAS WITHIN BUILDING WHERE EXISTING ROOF DAMAGE IS PRESENT.

ALL WORK MUST BE CONDUCTED IN COMPLIANCE WITH EPA 40 CFR PART 61, SUBPART M (NESHAP), OSHA 29 CFR 1926.1101-ASBESTOS IN CONSTRUCTION, COMAR 26.11.21-CONTROL OF ASBESTOS AND SECTION 02 10 00-REMOVAL OF ASEBSTOS CONTAINING ROOFING.

ADDITIONAL ASBESTOS MATERIALS ARE LOCATED WITHIN THE STRUCTURE, WHICH WILL BE ADDRESSED DURING LATER PHASES. REFER TO AMA HAZMAT INSPECTION REPORT(#24185-3/25/2024) FOR ADDITIONAL INFORMATION.

LEAD BASED PAINT (LBP) WAS IDENTIFIED ON METALVENTS LOCATED ON THE ROOF AREA OF1936 BRICK BUILDING STRUCTURE. THESE VENTS WILL BE REPLACED DURING LATER PHASES. IF IMPACTED DURING WORK, CONTRACTOR MUST ADHERE TO OSHA 29 CFR 1926.62-LEAD IN CONSTRUCTION AND EPA 40 CFR 260-268, WASTE CHARACTERIZATION AND DISPOSAL.

ALTERNATE #1

IT IS ASSUMED THAT ASBESTOS ROOFING IS PRESENT UNDER EXISTING SLATE ROOFING OF THE 1912 ORIGINAL WOOD STRUCTURE. CONTRACTOR IS RESPONSIBLE FOR PROVIDING UNIT RATE COST FOR THE REMOVAL AND DISPOSAL OF ASSUMED ASBESTOS ROOFING ASSOCIATED WITH THE 1912 ORIGINAL WOOD STRUCTURE ROOF.

PRIOR TO DISTURBANCE TO THE 1912 ORIGNAL STURCTURE SLATE ROOF, CONTRACTOR SHALL INCLUDE IN THEIR COST FOR AN INDEPENDENT THIRD-PARTY, MARYLAND ACCREDITED AHERA ASBESTOS INSPECTOR TO CONDUCT TESTING OF THE ROOFING MATERIALS ASSOCIATED WITH THE 1912 ORIGINAL STRUCTURE SLATE ROOFING MATERIALS. THE INSPECTOR MUST COLLECT SAMPLES OF ALL SUSPECT ASBESTOS CONTAINING MATERIALS (ACM) TO BE DISTRURBED DURING ALTERNATE 1 WORK: 1912 ORIGNAL STURCTURE SLATE ROOF.

INSPECTOR MUST COLLECT A MINIMUM OF 3 SAMPLES PER SUSPECT MATERIAL ENCOUNTED ON THE ROOF. ALL SAMPLES MUST BE ANALYZED FOLLOWING EPA METHOD 600/R-93/116, BY A NVLAP ACCREDITED LABORATORY. A WRITTEN REPORT SIGNED BY THE MARYLAND ACCREDITED ASBESTOS INSPECTOR WILL BE PROVIDED WITHIN 7 DAYS OF SAMPLE COLLECTION, WITH A DETERMINATION OF ASBESTOS PRESENCE IN THE ROOFING MATERIALS. IF ROOFING IS FOUND TO CONTAIN ASBESTOS, CONTRACTOR MUST REMOVE AND DISPOSE OF AS INDICATED IN BASE BID. IF ROOFING MATERIALS DO NOT CONTAIN ASBESTOS, THE REQUIREMENTS FOR ASBESTOS REMOVAL WILL NOT BE REQUIRED. GENERAL ROOF DEMOLITION AND SAFETY REQUIREMENTS MUST STILL BE ADHERED TO.

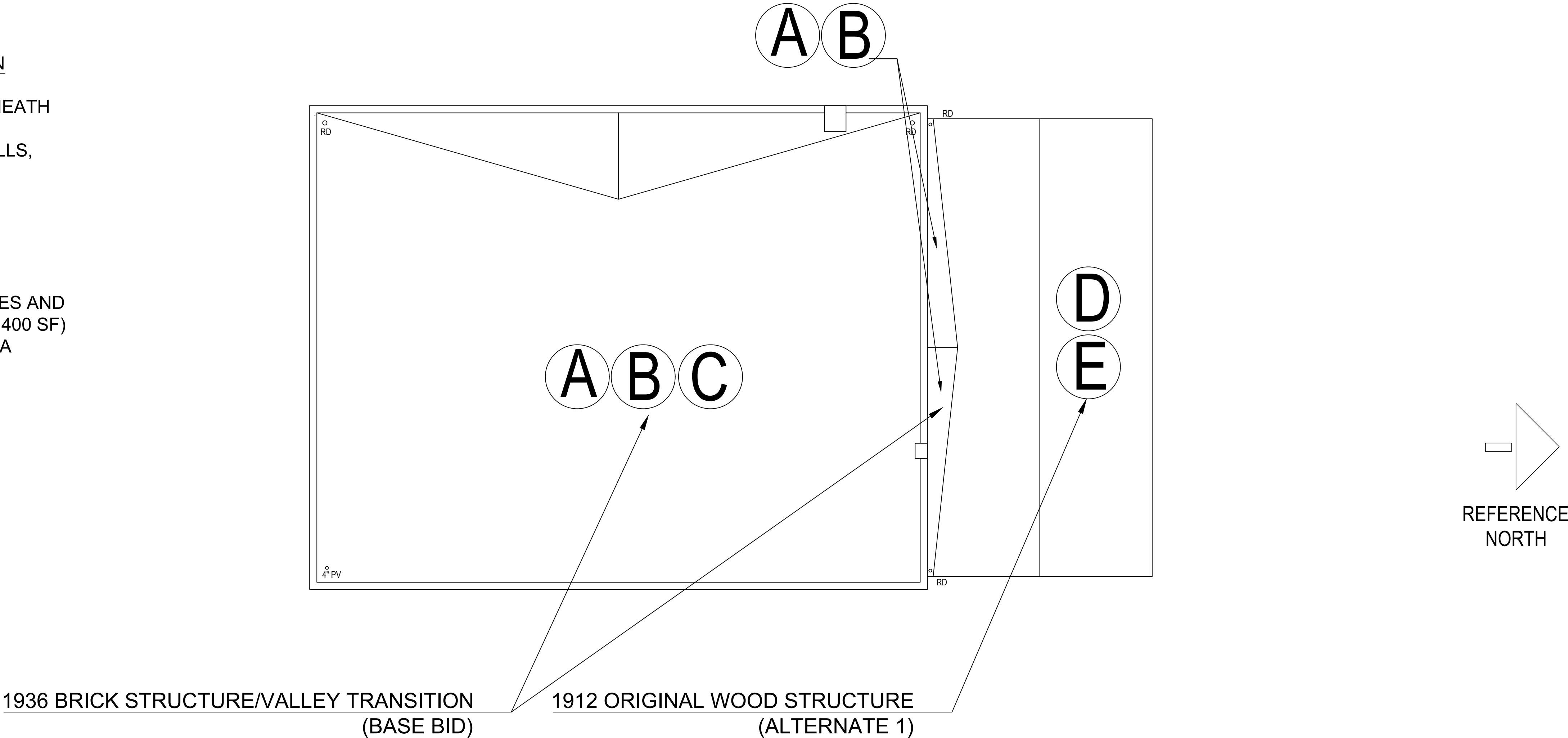
LEAD BASED PAINT (LBP) WAS IDENTIFIED ON WOOD SOFFIT AND FASCIA LOCATED ON THE ROOF AREA OF THE 1912 ORIGINAL WOOD STRUCTURE EXTERIOR. THESE SURFACES WILL BE ADDRESSED DURING LATER PHASES. IF IMPACTED DURING WORK, CONTRACTOR MUST ADHERE TO OSHA 29 CFR 1926.62 - LEAD IN CONSTRUCTION AND EPA 40 CFR 260-268, WASTE CHARACTERIZATION AND DISPOSAL.

1936 BRICK STRUCTURE/VALLEY TRANSITION

- A) ACM - BUILT-UP ROOFING MATERIALS BENEATH EXISTING TPO MEMBRANE (4,400 SF)
- B) ACM - BLACK TAR ON BRICK PARAPET WALLS, ROOF, AND CHIMNEYS (800 SF)
- C) LBP - METAL ROOF VENTS (5 VENTS)

1912 ORIGINAL WOOD STRUCTURE

- D) SUSPECT ASBESTOS ROOFING AND TAR MATERIALS LOCATED UNDER SLATE SHINGLES AND UNDER TPO MEMBRANE AT ROOF VALLEY (2,400 SF)
- E) LBP - EXTERIOR WOOD SOFFIT AND FASCIA BOARDS (~300 SF).



ROOF PLAN

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



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



AEROSOL MONITORING
& ANALYSIS, INC.
1331 ASHTON ROAD, P.O. BOX 646
HANOVER, MARYLAND 21076
WEBSITE: WWW.AMACONSULTING.COM
PHONE: 410-684-3327
FAX: 410-684-3384

ALL REPRODUCTION IS PROHIBITED

CONSULTANTS:

PROJECT:

HAVRE DE GRACE COLORED SCHOOL
MUSEUM & CULTURAL CENTER
555 ALLIANCE STREET
HAVRE DE GRACE, MD 21078

PROJ. NO:	20671
DATE:	4/24/24 BID SET
SCALE:	AS NOTED
REVISION:	

HAZMAT
ROOF
PLAN

SHEET NO. 2 OF 5

H-1