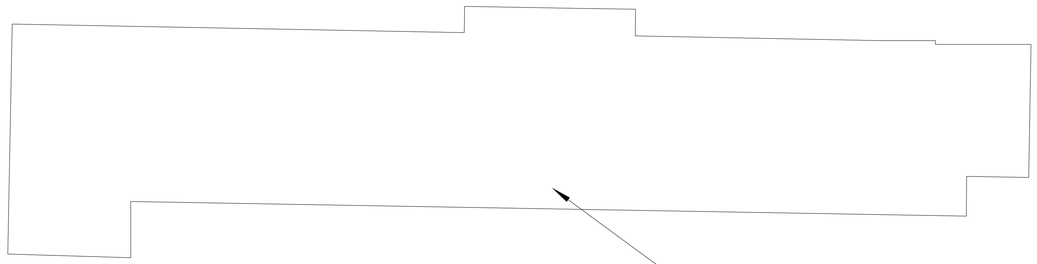
IF THIS SHEET IS NOT 30"X42", IT IS A REDUCED PRINT - SCALE ACCORDINGLY 0 1/4" 1/2" 1" 2"



CLASSROOM WING 9-15 TO BE ABATED AND DEMOLISHED

1 CLASSROOM WING ROOMS 9-15 - HAZARDOUS MATERIALS PLAN BUILDING FOOTPRINT AND HAZMAT NOTES
SCALE NTS

NORTH

GENERAL SHEET NOTES

1. THE CONTRACTOR IS TO REMOVE AND PROPERLY DISPOSE OF ALL ASBESTOS, PCB LIGHT BALLASTS, UNIVERSAL WASTE ITEMS, AND SMOKE DETECTORS PRIOR TO GENERAL LEAD-RELATED BUILDING DEMOLITION.
2. ESTIMATED QUANTITIES PROVIDED BELOW ARE FOR REFERENCE ONLY. THE CONTRACTOR IS TO REVIEW ALL AVAILABLE DOCUMENTS INCLUDING DRAWINGS AND SURVEY REPORTS AND FIELD VERIFY EXISTING CONDITIONS AND QUANTITIES PRIOR TO SUBMITTING A BID.
3. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH PROJECT DRAWINGS INCLUDING, BUT NOT LIMITED TO SHEET HM 100, SPECIFICATION SECTION 02 81 00 HAZARDOUS MATERIALS REMEDIATION, AND APPLICABLE STATE AND FEDERAL REGULATION.

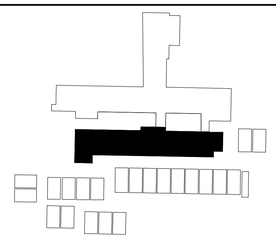
SHEET NOTES

1. PRIOR TO BUILDING DEMOLITION, REMOVE THE FOLLOWING HAZARDOUS MATERIALS FROM THE CLASSROOM WING 9-15 BUILDING:
   - A. ASBESTOS CONTAINING MATERIAL (ACM):
     - THERMAL SYSTEM INSULATION, 4" O.D. PIPES & FITTINGS (12% ASBESTOS) IN CEILING AND WALL CHASES OR VOIDS THROUGHOUT BUILDING. THIS IS AN EPA RACM REQUIRING CAL/OSHA CLASS I REMOVAL. APPROXIMATELY 775 LINEAR FEET (LF) ARE INCLUDED AT MINIMUM.
     - WALLBOARD (GYPSUM, ND) WITH ACM JOINT COMPOUND (2% ASBESTOS; COMPOSITE <1% ASBESTOS BY POINT COUNT): CLASSROOMS 14 & 15. REQUIRES CAL/OSHA CLASS II REMOVAL. APPROXIMATELY 2,675 SF ARE INCLUDED AT MINIMUM.
     - WINDOW GLAZING COMPOUNDS/PUTTY, WHITE, (2% ASBESTOS) ON WINDOWS THROUGHOUT BUILDING. THIS IS AN EPA CATEGORY II NON-FRIABLE ACM THAT MAY BECOME FRIABLE UPON REMOVAL DEPENDING ON METHOD AND REQUIRES CAL/OSHA CLASS II REMOVAL. APPROXIMATELY 3,100 SF OF WINDOW WITH ACM PUTTY IS INCLUDED AT MINIMUM.
     - WINDOW FRAME SEALANT, TAN, (5-10% ASBESTOS) ON WINDOW FRAMES THROUGHOUT BUILDING. THIS IS AN EPA CATEGORY II NON-FRIABLE ACM AND REQUIRES CAL/OSHA CLASS II REMOVAL. APPROXIMATELY 190 SF (2,280 LF) OF WINDOW SEALANT IS INCLUDED AT MINIMUM.
     - FASCIA SEALANT, GREY, (10% ASBESTOS). THIS IS AN EPA CATEGORY II NON-FRIABLE ACM AND REQUIRES CAL/OSHA CLASS II REMOVAL. APPROXIMATELY 145 SF (868 LF) IS INCLUDED AT MINIMUM.
     - ROOFING MASTIC, GREY/BLACK, (7-10% ASBESTOS) AT ROOF PENETRATION AND PATCHES. THIS IS AN EPA CATEGORY II NON-FRIABLE ACM AND REQUIRES CAL/OSHA CLASS II REMOVAL. APPROXIMATELY 60 SF OF ROOFING MASTIC/PATCH MATERIAL IS INCLUDED AT MINIMUM.
     - NOTE: ALL SAMPLES OF THE ACOUSTICAL CEILING MATERIAL IN THE CLASSROOM WING REPORTED NO ASBESTOS DETECTED.
   - B. FLUORESCENT LIGHT FIXTURES WITH ASSUMED PCB BALLASTS TO BE REMOVED, INSPECTED, AND PROPERLY DISPOSED OF INCLUDES APPROXIMATELY 67 SUSPECT PCB BALLASTS.
   - C. UNIVERSAL WASTE (UW) ITEMS TO BE REMOVED AND PROPERLY DISPOSED OF INCLUDES THE FOLLOWING:
     - APPROXIMATELY 254 FLUORESCENT LIGHT TUBES (4') & 18 COMPACT FLUORESCENT LIGHTS:
     - APPROXIMATELY 2 BATTERIES FOR EMERGENCY LIGHTING AND EXIT SIGNS.
   - D. SMOKE DETECTORS WITH LOW LEVEL RADIOACTIVE MATERIAL SOURCES REQUIRING REMOVAL AND PROPER DISPOSAL. APPROXIMATELY TWO (2) SMOKE DETECTORS.
   - E. EXTERIOR CAULKING WITH LOW LEVEL PCB CONTENT (0.53 MG/KG) AROCLOR -1254) IS PRESENT BUT NOT A HAZARDOUS WASTE LEVELS.

2. LEAD-RELATED BUILDING DEMOLITION: LEAD-BASED PAINT (LBP) HAS BEEN DETECTED ON: EXTERIOR WOOD COMPONENTS INCLUDING COLUMNS, FASCIA BOARD, WINDOW FRAMES, OVERHANG, & BEAMS; EXTERIOR METAL DOWNSPOUTS AND WINDOWS; INTERIOR RESTROOM WOOD WINDOW FRAME COMPONENTS; AND CLASSROOM METAL WINDOWS. LOWER LEVELS OF LEAD WERE DETECTED IN OTHER PAINTS AND COATINGS AND ALL PAINTS AND COATING MUST BE ASSUMED TO CONTAIN DETECTABLE LEAD. THE CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING LEAD-RELATED DEMOLITION AND CLEAN-UP WORK:
   - A. CONDUCT LEAD-RELATED DEMOLITION IN ACCORDANCE WITH CAL/OSHA REGULATION FOR WORKER PROTECTION AND AGENCY NOTIFICATION USING PROPERLY TRAINED, MEDICALLY QUALIFIED AND EQUIPPED WORKERS:
   - B. PREPARE DETERIORATED LBP SURFACES BY CONTAINING AND REMOVING AND PROPERLY DISPOSING OF LOOSE, PEELING OR FLAKING LBP PRIOR TO DEMOLITION TO MINIMIZE RISK OF SITE CONTAMINATION.
   - C. CONDUCT LEAD-RELATED DEMOLITION AND THE RESULTING DEBRIS CLEAN - UP IN A MANNER THAT DOES NOT CONTAMINATE THE SITE AND SOIL ABOVE BACKGROUND LEVELS.
   - D. CHARACTERIZE AND DISPOSE OF ALL DEMOLITION DEBRIS IN ACCORDANCE WITH CAL/EPA AND FEDERAL EPA REGULATION.

3. FOUNDATION DEMOLITION AND REMOVAL INVOLVES DISTURBANCE OF SURFICIAL DRIP LINE SOILS CONTAMINATED WITH TOXIC METALS AND CHEMICALS INCLUDING BUT NOT LIMITED TO DIESEL, CHLORDANE, ARSENIC, CHROMIUM, AND LEAD. CONTRACTOR SHALL REVIEW FULL SURVEY REPORT AND TAKE APPROPRIATE MEASURES TO ENSURE WORKER SAFETY AND REMOVAL OF SOIL FROM CONCRETE TO BE RECYCLED.

KEY PLAN



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ISSUED

MARK	DATE	DESCRIPTION
	12/12/2018	DSA SUBMITTAL

MANAGEMENT

VISTA PROJECT NO:	160041001
DSA PROJECT NO:	01-117934

AGENCY

TITLE
CLASSROOM WING ROOMS 9-15 HAZARDOUS MATERIALS PLAN

SHEET
HM-CRW-1