IF THIS SHEET IS NOT 30"X42", IT IS A REDUCED PRINT - SCALE ACCORDINGLY

1 HAZARDOUS MATERIALS PLAN BUILDING FOOTPRINT AND HAZMAT NOTES
SCALE NTS

NORTH

GENERAL SHEET NOTES

1. HE CONTRACTOR IS TO REMOVE AND PROPERLY DISPOSE OF ALL ASBESTOS, PCB LIGHT BALLASTS, UNIVERSAL WASTE ITEMS, SMOKE DETECTORS, AND REFRIGERANT GASSES PRIOR TO GENERAL LEAD-RELATED BUILDING DEMOLITION.
2. ESTIMATED QUANTITIES PROVIDE 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 1HM100, SPECIFICATION SECTION 02 81 00 HAZARDOUS MATERIALS REMEDIATION, AND APPLICABLE STATE AND FEDERAL REGULATION.

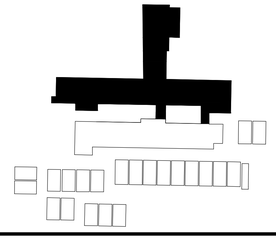
SHEET NOTES

1. PRIOR TO BUILDING DEMOLITION, REMOVE THE FOLLOWING HAZARDOUS MATERIALS FROM THE MAIN BUILDING:
   A. ASBESTOS CONTAINING MATERIAL (ACM):
      - ACOUSTIC CEILING PLASTER, WHITE/GREY, (2% ASBESTOS) ON CEILINGS THROUGHOUT BUILDING EXCEPT FOR THE MULTIPURPOSE ROOM (MPR) AND ITS ADJACENT ROOMS ON THE EAST SIDE. THIS IS AN EPA REGULATED ASBESTOS CONTAINING MATERIAL (RACM) REQUIRING CAL/OSHA CLASS I REMOVAL. APPROXIMATELY 13,125 SQUARE FEET ARE INCLUDED AT MINIMUM.
      - 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 1,250 LINEAR FEET (LF) 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 4,200 SF OF WINDOW WITH ACM PUTTY IS INCLUDED AT MINIMUM.
      - WINDOW FRAME SEALANT, TAN,(10% ASBESTOS) ON WINDOW FRAMES THROUGHOUT BUILDING. THIS IS AN EPA CATEGORY II NON-FRIABLE ACM AND REQUIRES CAL/OSHA CLASS II REMOVAL. APPROXIMATELY 200 SF (2,400 LF) OF WINDOW SEALANT 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 115 SF OF ROOFING MASTIC/PATCH MATERIAL IS INCLUDED AT MINIMUM.
      - ROOFING TAR, BLACK (10% ASBESTOS) ASSOCIATED WITH BLACK TAR AND GRAVEL AT PARAPET AND OTHER BASE FLASHING LOCATIONS ON ROOF. THIS IS AN EPA CATEGORY II NON-FRIABLE ACM AND REQUIRES CAL/OSHA CLASS II REMOVAL. APPROXIMATELY 1,425 SF FIBROUS BLACK ACM TAR IS INCLUDED AT MINIMUM.
   B. FLUORESCENT LIGHT FIXTURES WITH ASSUMED PCB BALLASTS TO BE REMOVED, INSPECTED, AND PROPERLY DISPOSED OF INCLUDES APPROXIMATELY 390 SUSPECT PCB BALLASTS.
   C. UNIVERSAL WASTE (UW) ITEMS TO BE REMOVED AND PROPERLY DISPOSED OF INCLUDES THE FOLLOWING:
      - APPROXIMATELY 390 FLUORESCENT LIGHT TUBES (4') & 28 COMPACT FLUORESCENT LIGHTS.
      - APPROXIMATELY 5 BATTERIES FOR EMERGENCY LIGHTING AND EXIT SIGNS.
   D. SMOKE DETECTORS WITH LOW LEVEL RADIOACTIVE MATERIAL SOURCES REQUIRING REMOVAL AND PROPER DISPOSAL. APPROXIMATELY THREE (3) SMOKE DETECTORS.
   E. CFC REFRIGERANT GAS EQUIPMENT REQUIRING PROPER GAS RECLAIMING (PROPER REMOVAL) AND RECYCLING BY EPA CERTIFIED CFC (FREON) RECLAIMING PERSONNEL: ONE WALK-IN REFRIGERATOR.

2. LEAD-RELATED BUILDING DEMOLITION: LEAD-BASED PAINT (LBP) HAS BEEN DETECTED ON: EXTERIOR WOOD COMPONENTS INCLUDING COLUMNS, FASCIA BOARD, WINDOW FRAMES, & DOOR FRAMES; INTERIOR CLASSROOM WOOD WINDOW FRAME COMPONENTS, AND METAL WINDOWS; AND OFFICE HALL WOOD DOOR FRAMES. IN ADDITION, CERAMIC WALL TILES IN THE RESTROOMS AND OFFICE HAVE HIGH (>LBP) LEVELS OF LEAD IN THE TILE GLAZES. 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 CHLORDANE, ARSENIC AND CHROMIUM. 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
MAIN BUILDING HAZARDOUS MATERIALS DEMOLITION PLAN

SHEET
HM-MB-1