IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT - SCALE ACCORDINGLY 0 1/4" 1/2" 1" 2"

GENERAL NOTES

1. THE CONTRACTOR SHALL REVIEW ALL PROJECT DRAWINGS, REPORTS AND OTHER PROJECT INFORMATION AND SHALL FIELD VERIFY LOCATION AND EXTENT OF HAZARDOUS MATERIALS TO BE DEMOLISHED, REMOVED AND DISTURBED. ESTIMATED QUANTITIES PROVIDED IN THE CONTACT DOCUMENTS AND SURVEY REPORTS ARE FOR REFERENCE ONLY AND ARE NOT TO BE USED FOR BID PURPOSES WITHOUT FIELD VERIFICATION & CORRECTION WHERE NECESSARY BY THE BIDDING CONTRACTOR.

2. FURNISH ALL LABOR, MATERIALS, FACILITIES, EQUIPMENT, SERVICES, EMPLOYEE TRAINING AND TESTING, PERMITS, LICENSES, CERTIFICATIONS, REGISTRATIONS, AGENCY NOTIFICATIONS, AND AGREEMENTS NECESSARY TO PERFORM THE REQUIRED HAZARDOUS MATERIAL RELATED ABATEMENT AND DEMOLITION WORK OF THE PROJECT.

3. ALL HAZARDOUS MATERIAL RELATED PROJECT WORK IS TO BE COMPLETED IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS, DRAWINGS, AND THE LATEST REGULATIONS ISSUED BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA), THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT (BAAQMD), THE CALIFORNIA DEPARTMENT OF ;INDUSTRIAL RELATIONS, DIVISION OF OCCUPATIONAL SAFETY AND HEALTH (DOSH, "CAL/OSHA"), CALIFORNIA DEPARTMENT OF PUBLIC HEALTH (CDPH), AND ALL OTHER APPLICABLE FEDERAL, STATE, AND LOCAL GOVERNMENTAL REGULATIONS. WHENEVER THERE IS A CONFLICT OR OVERLAP OF THE ABOVE REFERENCES, THE MOST STRINGENT PROVISION APPLIES.

4. HAZARDOUS MATERIALS PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ON THE BASIS OF SITE INSPECTIONS, SURVEYS, AND EXISTING BUILDING INFORMATION AND REPORTS. LOCATION OF ASBESTOS MATERIALS, LEAD-CONTAINING MATERIALS AND OTHER HAZARDOUS AND NON-HAZARDOUS MATERIALS AND COMPONENTS TO BE REMOVED IS GENERAL IN NATURE, AND INTENDED TO PROVIDE AN "APPROXIMATE" INDICATION OF MATERIALS TO BE REMOVED AND EXISTING CONDITIONS SUBJECT TO FIELD VERIFICATION BY THE CONTRACTOR PRIOR TO SUBMITTING A BID.

5. IN ADDITION TO THE HAZARDOUS MATERIALS (HM) PLANS & SPECIFICATIONS, THE CONTRACTOR SHALL COORDINATE LOCATION AND EXTENT OF ALL HAZARDOUS MATERIALS WORK WITH PROJECT DOCUMENTS AND INFORMATION INCLUDING CIVIL, ARCHITECTURAL, AND MEP DRAWINGS AND ANY AS-BUILT AND/OR RECORD DRAWINGS IF MADE AVAILABLE FOR REVIEW FOR THIS PROJECT.

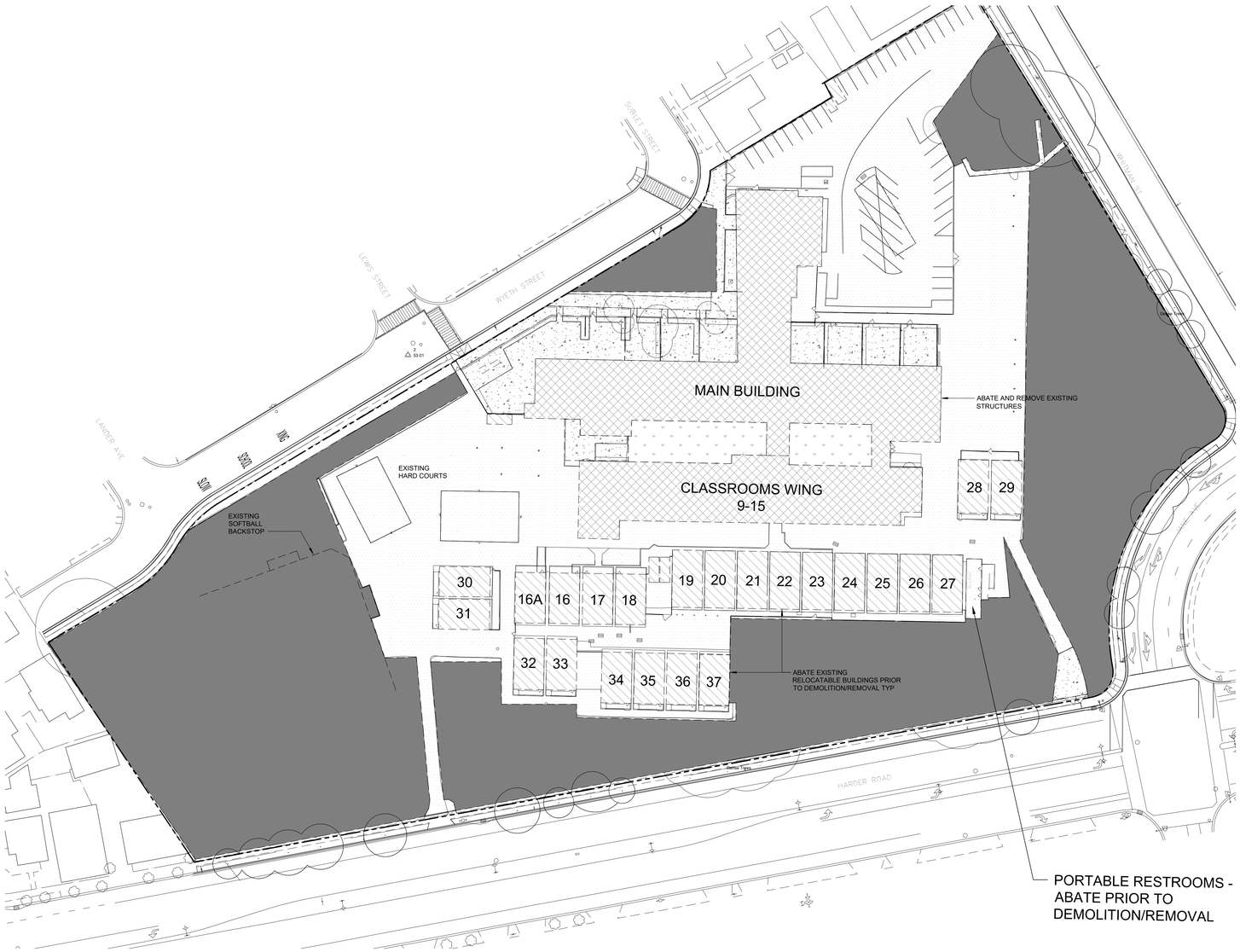
6. **HAZARD COMMUNICATION:** THE CONTRACTOR SHALL CONFORM WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATION PERTAINING TO WORKER AND ENVIRONMENTAL PROTECTION WITH REGARD TO ALL KNOWN OR PRESUMED TOXIC AND/OR HAZARDOUS BUILDING MATERIALS AND SOILS WHICH MAY BE PRESENT ON SITE AND DISTURBED BY THE CONTRACTOR'S ABATEMENT, DEMOLITION, SITE PREPARATION, CLEAN-UP OR OTHER WORK OF THE PROJECT. THE CONTRACTOR SHALL UTILIZE EQUIPMENT, METHODS AND PROCEDURES THAT MINIMIZE PRODUCTION OF ENVIRONMENTAL EXPOSURES, FUGITIVE EMISSIONS, AND HAZARDOUS WASTES TO THE EXTENT POSSIBLE. HAZARDOUS MATERIALS KNOWN OR ASSUMED TO BE PRESENT AT THIS SITE INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:
   A. ASBESTOS-CONTAINING MATERIALS (ACM): JOINT COMPOUND (2% ASBESTOS) ASSOCIATED WITH GYPSUM WALLBOARD SYSTEMS (<1% ASBESTOS BY COMPOSITE POINT COUNT; WINDOW PUTTY (2% ASBESTOS); WINDOW AND DOOR FRAME SEALANT, TAN (5-10% ASBESTOS) & GREY/BLACK/BROWN (2-5% ASBESTOS); ACOUSTIC CEILING PLASTER (2% ASBESTOS); PIPE & FITTING INSULATION (12% ASBESTOS); FASCIA SEALANT, GREY (2% ASBESTOS); ROOF MASTIC, GREY/BLACK (7-10% ASBESTOS), BLACK FIBROUS TAR AT PARAPET BASE (10% ASBESTOS); ROOF SEAM SEALANT, OFF-WHITE (5% ASBESTOS); AND ASSUMED ACM SUBSURFACE AC CEMENT UTILITY PIPING AND CONDUIT.
   B. LEAD-CONTAINING PAINTS & COATINGS BASED ON XRF TESTING, INCLUDE BUT ARE NOT LIMITED TO: 1) BALL FIELD PAINTED COMPONENTS: 0.01-0.13 MG/CM^2 LEAD; 2) PORTABLE CLASSROOMS: NONE DETECTED (ND) - 0.06 MG/CM^2; 3) MAIN BUILDING: ND-4.7 MG/CM^2; 4) CLASSROOM WING 9-15: ND- 4.7 MG/CM^2; AND 5) PAINT ON SITE CONCRETE AND ASPHALT PAVING: ND-0.13 MG/CM^2. ALL SITE PAINTS SHALL BE ASSUMED TO HAVE SOME DETECTABLE LEAD SUBJECT TO CAL/OSHA WORKER PROTECTION RULES.
   C. PCB: ASSUMED IN FLUORESCENT LIGHTING BALLASTS MANUFACTURED IN 1979 OR EARLIER; AND DETECTED TO BE PRESENT AT LOW LEVELS (0.53 PPM) IN EXTERIOR CAULKING AT THE CLASSROOM WING BUILDING.
   D. UNIVERSAL WASTE ITEMS SUCH AS FLUORESCENT LIGHT TUBES AND BULBS, BATTERIES FOR EMERGENCY LIGHTING AND EXITS.
   E. SMOKE DETECTORS WITH LOW LEVEL RADIOACTIVE MATERIALS
   F. CHLOROFLUOROCARBONS (CFCS) REFRIGERANT GASSES IN EQUIPMENT SUCH AS HVAC UNITS, REFRIGERATORS, DRINKING FOUNTAINS.
   G. SILICA: IN ALL CEMENTITIOUS MATERIALS (E.G. CONCRETE, PLASTER, BRICK)
   H. SOILS CONTAMINATED WITH TOXIC MATERIALS INCLUDING HEAVY METALS, PESTICIDES, & PETROLEUM HYDROCARBONS.
   I. REFER TO THE HAZARDOUS MATERIALS SURVEY AND SOILS SCREENING REPORT PREPARED FOR THIS HARDER ELEMENTARY SCHOOL SITE BY VISTA ENVIRONMENTAL CONSULTING AND DATED NOVEMBER 8, 2016 FOR MORE SPECIFIC INFORMATION REGARDING HAZARDOUS MATERIALS PRESENT AND INCLUDED IN THE CONTACTOR'S WORK SCOPE FOR THIS ABATEMENT AND DEMOLITION PROJECT. THE REPORT ALSO PROVIDES FLOOR PLAN SKETCHES WITH SAMPLE LOCATIONS AND ADDITIONAL INFORMATION REGARDING MATERIALS TO BE ABATED.

7. ALL WORKERS AND THEIR SUPERVISORS SHALL BE TRAINED FOR ALL ANTICIPATED HEALTH AND SAFETY HAZARDS INCLUDING BUT NOT LIMITED TO ASBESTOS AND LEAD HAZARDS. WORKERS AND THEIR SUPERVISORS SHALL BE QUALIFIED FOR HAZARDOUS MATERIAL WORK INCLUDING BUT NOT LIMITED TO ASBESTOS AND LEAD WORK IN CONFORMANCE WITH CAL/OSHA AND CDPH RESPECTIVELY AS APPLICABLE. ALL WORKERS ENTERING HAZARDOUS MATERIALS WORK AREAS AND/OR CONTACTING HAZARDOUS MATERIALS OR SUBSTANCES SHALL BE TRAINED AND FITTED FOR SUITABLE PROTECTIVE CLOTHING AND RESPIRATORY PROTECTION AND SHALL BE TRAINED REGARDING THE SPECIFIC HEALTH AND SAFETY HAZARDS OF ASSIGNED TASKS AT THIS SITE. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL ASPECTS OF CONSTRUCTION HEALTH AND SAFETY AS REQUIRED FOR THE PERFORMANCE OF THIS WORK.

8. THE CONTRACTOR SHALL TAKE ALL NECESSARY PROTECTIVE MEASURES INCLUDING PERSONAL PROTECTIVE EQUIPMENT AND PROVIDE SUFFICIENT SAFETY TRAINING TO ALL PERSONNEL RELATED TO THE FOLLOWING ANTICIPATED HAZARDS: ASBESTOS, LEAD, OTHER TOXIC METALS, PESTICIDES, PETROLEUM HYDROCARBONS, PCB'S, MERCURY, NOISE, HEAT STRESS; ELECTRICAL (GFCI USE, LOCK OUT AND TAG OUT); FALL HAZARDS; WATER USAGE AROUND ELECTRICAL SYSTEMS, AND OTHER CONSTRUCTION HAZARDS.

9. ALL HAZARDOUS MATERIAL-RELATED CONSTRUCTION WORK SHALL BE CONDUCTED IN CONFORMANCE WITH SECTION 02 81 00 HAZARDOUS MATERIALS REMEDIATION, HAZARDOUS MATERIALS (HM) PROJECT DRAWINGS, AND APPLICABLE REGULATION.

10. HAZARDOUS MATERIAL AND HAZARDOUS SUBSTANCE DISTURBING WORK ASSOCIATED WITH UNDERGROUND UTILITY REMOVAL, FOUNDATION DEMOLITION AND REMOVAL, AND ANY OTHER REQUIRED EARTH DISTURBING WORK INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:
    A. REMOVAL AND PROPER DISPOSAL OF ANY ASSUMED SUBSURFACE AC UTILITY PIPING AND CONDUIT AS NEEDED TO COMPLETE THE WORK. REFER TO AVAILABLE AS-BUILT AND PROJECT CIVIL DRAWINGS FOR LOCATION AND EXTENT.
    B. DISTURBANCE OF SOILS CONTAMINATED WITH VARIOUS HEAVY METALS INCLUDING: ARSENIC CHROMIUM (VI), AND LEAD; PESTICIDES INCLUDING CHLORDANE & DIELDRIN; AND PETROLEUM HYDROCARBONS SUCH AS DIESEL. LIMITED SAMPLING AND TESTING OF SURFICIAL SOILS (0-6" BGS) HAS INDICATED THE ENVIRONMENTAL SCREENING LEVELS (ESLS) FOR CONSTRUCTION HEALTH AND SAFETY ARE EXCEEDED FOR SOME METALS AND THAT FURTHER TESTING IS REQUIRED PRIOR TO ANY SOIL REMOVAL AND DISPOSAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER EXCAVATION OF CONTAMINATED SOILS, SECURE STOCKPILING, AND WASTE CHARACTERISTIC TESTING OF SOILS PRIOR TO REMOVAL FOR RE-USE OR DISPOSAL. THIS RESPONSIBILITY ALSO INCLUDES ALL NECESSARY WORKER TRAINING, MEDICAL QUALIFICATION, PROTECTIVE EQUIPMENT, AND COMPLIANCE WITH ALL APPLICABLE CAL/OSHA WORKER PROTECTION RULES.



1 HAZARDOUS MATERIALS SITE PLAN
SCALE 1" = 40'-0"

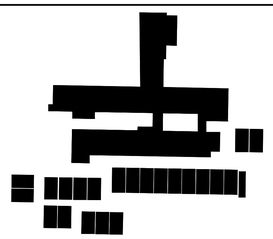
GENERAL HAZMAT SCOPE STATEMENT

THE WORK OF THIS PROJECT INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING TYPES OF HAZARDOUS MATERIALS-RELATED WORK TO SUPPORT THE BUILDING DEMOLITION & REMOVAL PROJECT AT THIS SITE: 1) REMOVAL OF ALL ASBESTOS-CONTAINING BUILDING MATERIALS; 2) REMOVAL OF PCB LIGHTING BALLASTS AND CAULKING MATERIALS; 3) REMOVAL OF FLUORESCENT LIGHTING TUBES AND OTHER UNIVERSAL WASTE (UW) ITEMS; 4) DEMOLITION OF BUILDINGS AND INFRASTRUCTURE THAT HAVE LEAD-CONTAINING COMPONENTS AND FINISHES; 5) REMOVAL OF ALL SUBSURFACE ASBESTOS CEMENT (AC) UTILITY PIPING AND CONDUIT (ASSUMED TO BE PRESENT); 6) DISTURBANCE OF SOILS CONTAINING HAZARDOUS MATERIALS AND SUBSTANCES; AND 7) PROPER DISPOSAL OF ALL RESULTING DEMOLITION DEBRIS INCLUDING HAZARDOUS WASTES. HAZARDOUS MATERIALS ABATEMENT AND DISTURBANCE IS REQUIRED FOR THE DEMOLITION OF ALL BUILDINGS AND INFRASTRUCTURE; AND FOR THE PREPARATION OF THE HARDER ELEMENTARY SCHOOL SITE FOR NEW CONSTRUCTION.

DEMOLITION LEGEND

- EXISTING BUILDINGS TO BE ABATED AND DEMOLISHED, COORDINATE WITH ARCHITECTURAL.
- EXISTING PORTABLES TO BE ABATED AND REMOVED FROM SITE.
- EXISTING LANDSCAPE/SOD TO BE REMOVED. SEE SOIL SURVEY RESULTS.
- NO ASBESTOS WAS DETECTED IN SAMPLES OF AC.
- NO ASBESTOS WAS DETECTED IN CONCRETE SAMPLES.
- DASHED LINES INDICATE ITEMS/AREAS OF DEMO, INCLUDING PAVING, CURBS, LANDSCAPE, PLANTERS & MISC FEATURES
- PROPERTY LINE

KEY PLAN



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SEAL

PROJECT
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HAYWARD, CA 94544

CLIENT
HAYWARD UNIFIED SCHOOL DISTRICT

24411 AMADOR STREET
HAYWARD, CA 94544

ISSUED

MARK	DATE	DESCRIPTION
	12/12/2018	DSA SUBMITTAL

MANAGEMENT

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

AGENCY

TITLE
HAZARDOUS MATERIALS SITE PLAN

SHEET
1HM100