



Purchasing & Contracting Department

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Peter A. Micciche
Borough Mayor

ADDENDUM NO. 3

This addendum consists of 16 pages

TO: All Bid Packet Holders

FROM: Kenai Peninsula Borough – Purchasing & Contracting

DATE: August 25, 2023

SUBJECT: ITB24-015 Homer Middle School Kitchen

DUE DATE: August 31, 2023, by 2:00 PM

Bidders must acknowledge receipt of this Addendum in the appropriate place on the Bid Form. Failure to do so may result in the disqualification or rejection of the bid.

As specified in Section 9 of the Kenai Peninsula Borough's invitation to bid, we have agreed to answer written questions received through August 22, 2023 by 5:00 PM. Attached are formal responses to all the questions that we have received to date.

We look forward to receiving your bid by no later than 2:00 PM on August 31, 2023.

Note: Information in this addendum takes precedence over original information. All other provisions of the document remain unchanged.

<u>ITEM NO.</u>	<u>REFERENCE</u>	<u>DESCRIPTION</u>
03-01	Clarification	See protection barrier outline on M6.0 of the attached.
03-02	Clarification	See attached staging and storage area map M6.1
03-03	Clarification	Due to previously scheduled events in the Multipurpose room, construction will be limited to the basement mechanical and

electric room area until December 5th 2023. Access will be from the exterior staging area double doors adjacent to the main entrance. Refer to M6.0.

03-04 Question

Q: Is any asbestos abatement documentation available?

A: See 2 attachments to this addendum, a map and abatement / testing record.

03-05 Question

Q: Are there any access limits to the 2 entries in the Multipurpose room?

A: The SW single door entrance will be unavailable at 8:30 – 9:00 AM and 6:30 – 7:00 PM weekdays. Access through the double doors in the material staging area has no restricted hours.

03-06 Question

Q: Is acoustic insulation required?

A: No, see contract documents.

03-07 Question

Q: Is there a suspended ceiling?

A: No, see contract documents.

03-08 Question

Q: Are any appliances / equipment Owner provided?

A: Yes, see M0.2. Items to be owner provided contractor installed are identified.

03-09 Question

Q: Detail A on Sheet S1.1 states that sand pipe bedding shall be compacted to 90% of relative density. Please confirm if third party testing will be required to certify compaction is achieved.

A: No third-party testing will be required. Use a vibrating compactor to assure adequate compaction prior to covering with cement.

03-10 Question

Q: Please confirm if existing flooring will require demolition prior to installation of new flooring.

A: Yes, demolition and disposal of existing flooring where new kitchen will be installed is required.

03-11 Question

Q: Please confirm if existing wall coverings at the south and west walls of the new kitchen will require demolition.

A: These are painted concrete walls with no covering.

03-12 Question

Q: Please provide any existing Hazardous Materials Building Survey(s) to determine if abatement of existing conditions will be required.

A: Refer to answer 03-04.

03-13 Questions

Q: Please confirm contractor work hours.

A: Refer to answer 03-05.

03-14 Question

Q: Please confirm the extents and locations of contractor laydown and parking.

A: Refer to drawing M6.1

03-15 Question

Q: Please confirm if construction personnel can use existing bathroom facilities or if

temporary facilities provided by the contractor will be required.

A: Temporary facility shall be provided in the material staging area for contractor use.

03-16 Question

Q: Please confirm the finish required at the roof.

A: Refer to detail C1/A3.0 for roof construction detail. Roof to be painted same color and paint requirements for the exterior kitchen walls. Refer to drawings A0.2 for paint requirements.

03-17 Question

Q: Please confirm if new exposed duct work will require painting and, if so, please specify a paint system.

A: New spiral ducts are not required to be painted.

03-18 Question

Q: Please confirm which paint specifications govern, those on Sheet A0.2 or specified in Section 09 90 00.

A: Painting requirements are listed in A0.2. All other provisions in Section 09-90 apply.

03-19 Question

Q: Please confirm the level of GWB finish required behind new wall and ceiling coverings, MDO vs flexible coverings.

A: New GWB will require taping and primer prior to installing final covering.

03-20 Question

Q: On Sheet M 0.2, the names and descriptions of Items 11 and 18 appear to be interchanged with each other. Please advise.

A: Items 11 and 18 are separate cooking appliances.

03-21 Question

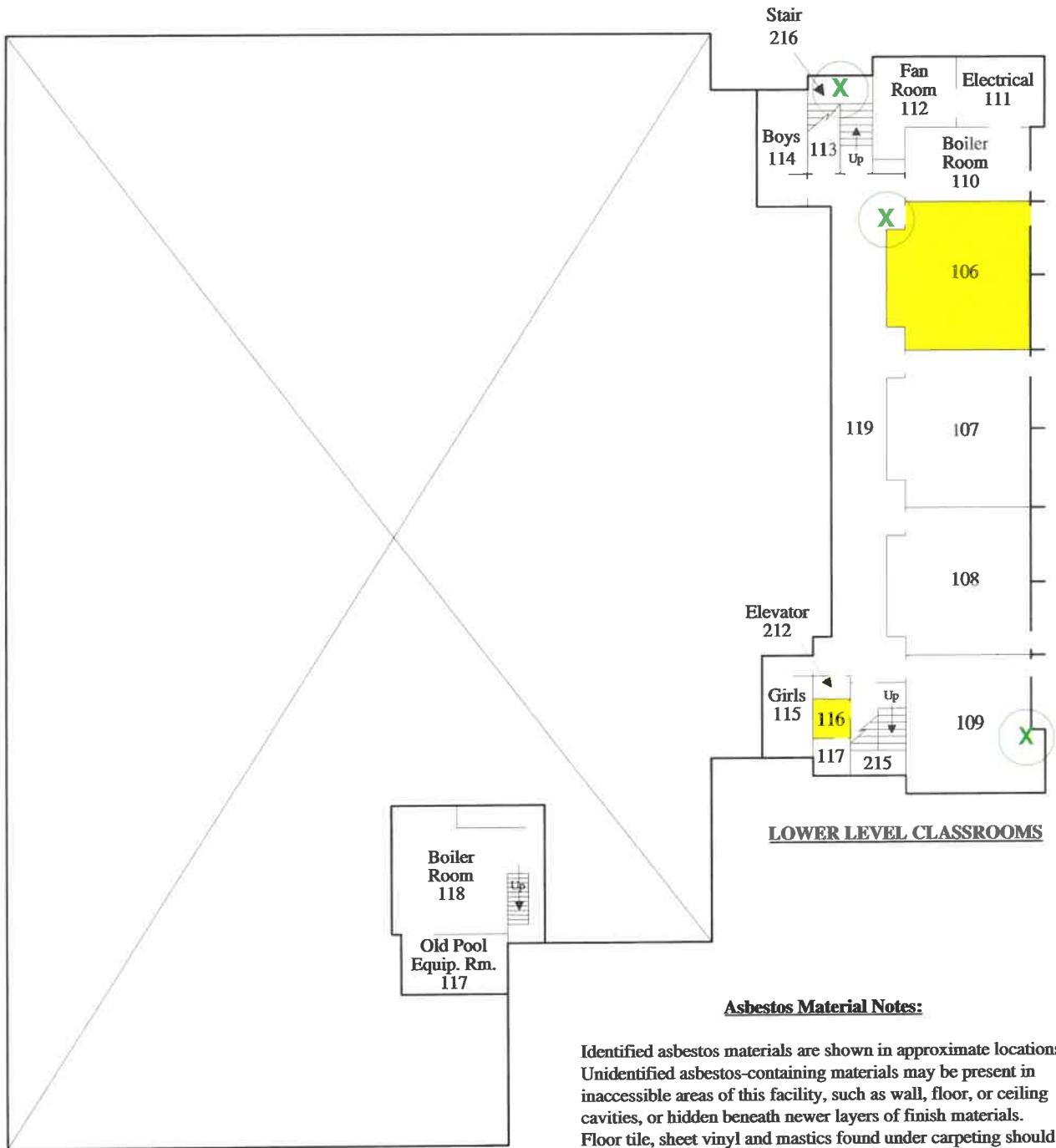
Q: Please advise if a temporary barrier separating the work area from the multipurpose room will be required and, if so, provide minimum height and construction requirements.

A: Refer to drawing M6.0 for barrier locations.

03-22 Question

Q: Section 16 of the Instructions to Bidders states that the period of performance from Notice to Proceed to Substantial Completion shall be 225 calendar days. The Article 2 of the sample contract in Section II states the period of performance shall be 200 calendar days. Please confirm the period of performance for this contract.

A: Article 2 is a sample contract. Period of performance is 225 calendar days from NTP.




LOWER LEVEL CLASSROOMS

Asbestos Material Notes:

Identified asbestos materials are shown in approximate locations. Unidentified asbestos-containing materials may be present in inaccessible areas of this facility, such as wall, floor, or ceiling cavities, or hidden beneath newer layers of finish materials. Floor tile, sheet vinyl and mastics found under carpeting should be tested prior to being disturbed. All asbestos-containing insulation has been abated from boiler room 118, including boiler vent stack.

 Vinyl-asbestos floor tile (VAT)

 Asbestos flooring abated

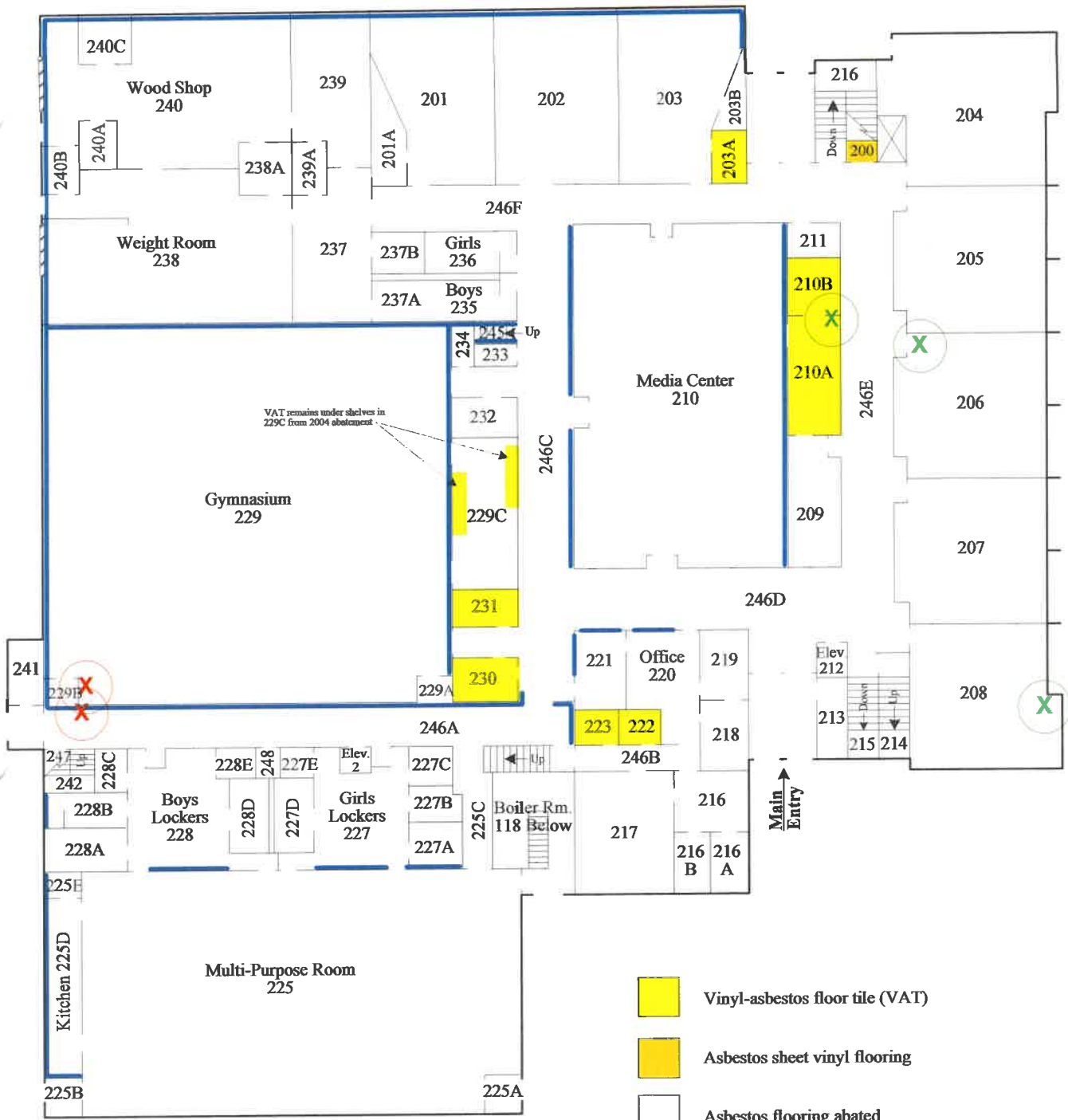
 No asbestos detected in drywall joint compound sample

NOTE: Drawing Is Not To Scale

**KENAI PENINSULA BOROUGH - Homer Middle School
500 Sterling Hwy., Homer, Alaska 99603**

Asbestos Materials Locations - Basement Level

Drawing 1 of 3 Revised: 09 - 12 - 2017 By: MSS



MAIN FLOOR PLAN

- Vinyl-asbestos floor tile (VAT)
- Asbestos sheet vinyl flooring
- Asbestos flooring abated
- Cement-asbestos board (CAB) wall panels
- X Asbestos detected in drywall joint compound sample
- X No asbestos detected in drywall joint compound sample

Asbestos Material Notes:

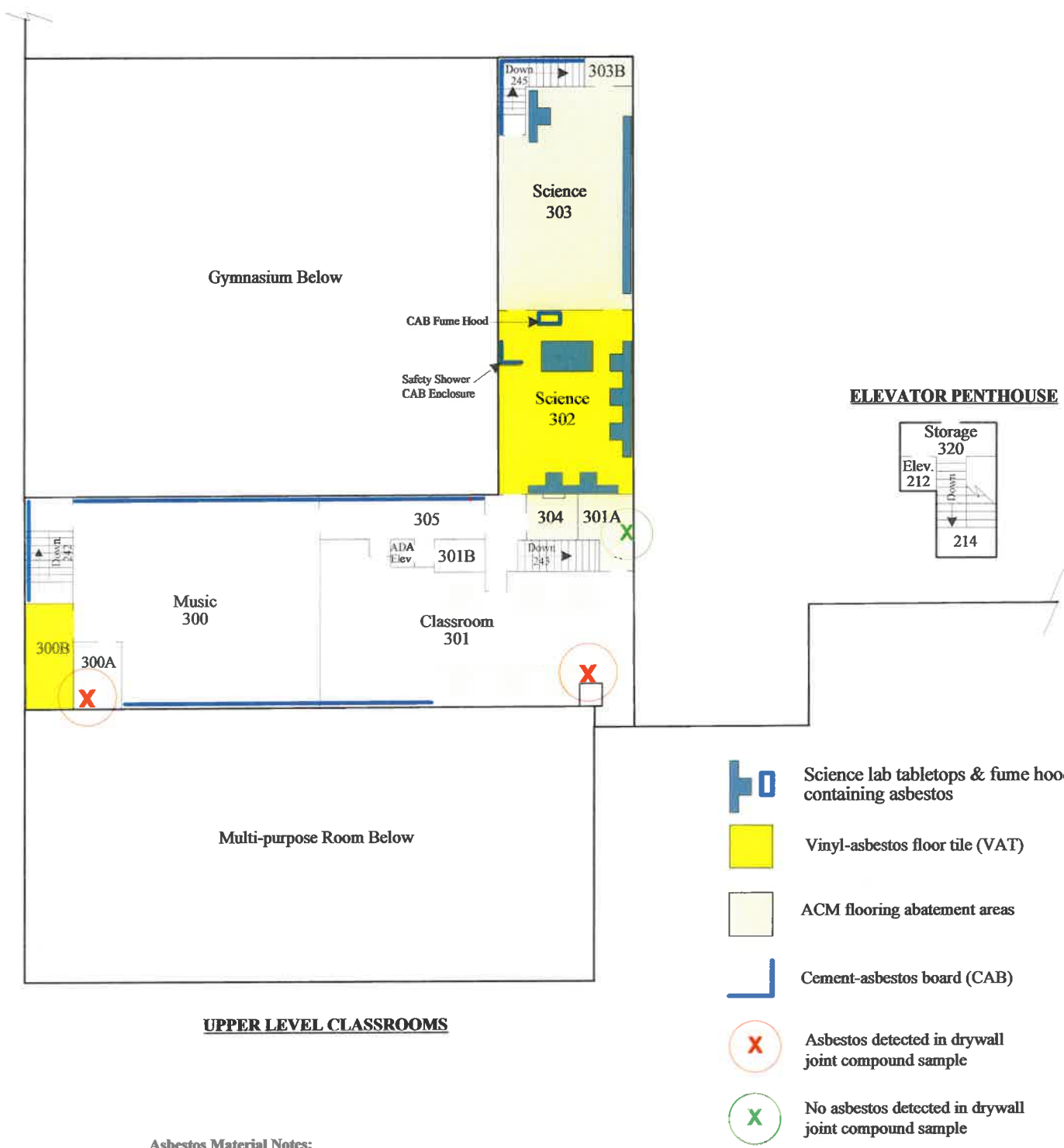
Identified asbestos materials are shown in approximate locations. Unidentified asbestos-containing materials may be present in inaccessible areas of this facility, such as wall, floor, or ceiling cavities, or hidden beneath newer finish materials. Old floor tile, sheet vinyl and mastics found under carpet should be tested prior to removal. CAB wall panels are enclosed in several places with non-asbestos Marlite or painted plywood panels. All known remaining troweled-on insulating cement found on piping or mechanical systems was abated in 2017.

NOTE: Drawing Is Not To Scale

KENAI PENINSULA BOROUGH - Homer Middle School
 500 Sterling Hwy., Homer, Alaska 99603

Asbestos Materials Locations - Main Level







Drawing 2 of 3 Revised: 06 - 18 - 2019 By: MSS



UPPER LEVEL CLASSROOMS

Asbestos Material Notes:

Identified asbestos materials are shown in approximate locations. Unidentified asbestos-containing materials may be present in inaccessible areas of this facility, such as wall, floor, or ceiling cavities, or hidden beneath newer finish materials. Floor tile or sheet vinyl found under carpet must be tested prior to removal. CAB wall panels are enclosed in several places with non-asbestos Marlite or painted plywood panels. All known remaining troweled-on insulating cement found on piping or mechanical systems was abated in 2017.

-  Science lab tablespots & fume hoods containing asbestos
-  Vinyl-asbestos floor tile (VAT)
-  ACM flooring abatement areas
-  Cement-asbestos board (CAB)
-  Asbestos detected in drywall joint compound sample
-  No asbestos detected in drywall joint compound sample

NOTE: Drawing Is Not To Scale

KENAI PENINSULA BOROUGH - Homer Middle School
500 Sterling Hwy., Homer, Alaska 99603

Asbestos Materials Locations – Upper Level

Drawing 3 of 3 Revised: June 2022 By: JL/CMS

Sample Log #	Sample Date	Collected By:	Location of Sample Collection	Sampled Material Description	Analytical Results	Notes
SAMPLING DATA PRIOR TO 1988-89 AHERA COMPLIANCE INSPECTION						
7161-11	11/1/1984	Dan Bacon	boiler room 118	hot water line elbow insulation	5% amosite	abated 1991
7161-12	11/1/1984	Dan Bacon	boiler room 118	hot water drain line pipe insulation	5% amosite	abated 1991
7161-13	11/1/1984	Dan Bacon	boiler room 118	hot water tank insulation	10% amosite	abated 1991
7161-14	11/1/1984	Dan Bacon	pool equipment room 117	heat exchanger insulation	15% amosite	abated 1991
7161-15	11/1/1984	Dan Bacon	boiler room 118	boiler exhaust duct insulation	20% amosite	abated 2015
7161-16	11/1/1984	Dan Bacon	boiler room 118	boiler exhaust duct insulation	20% amosite	abated 2015
7161-17	11/1/1984	Dan Bacon	boiler room 118	trowled-on insulation mud on pipe ell	5% amosite	abated 1991
7161-18	11/1/1984	Dan Bacon	boiler room 118	1" water line pipe insulation	5% chrysotile	abated 1991
7161-19	11/1/1984	Dan Bacon	above drop ceiling in ground floor corridor	water line elbow insulation	none detected	
7161-20	11/1/1984	Dan Bacon	room 238 metal shop overhead water line	hot water line tee insulation	5% amosite	abated 2017
7161-21	11/1/1984	Dan Bacon	room 240 wood shop cement wall board	cement board wall panels	5% chrysotile	
7161-22	11/1/1984	Dan Bacon	room 229 gymnasium cement wall board	cement board wall panels	5% chrysotile	
7161-23	11/1/1984	Dan Bacon	above drop ceiling, first floor	sprayed-on fireproofing material	none detected	
7161-24	11/1/1984	Dan Bacon	above drop ceiling, second floor	sprayed-on fireproofing material	none detected	
START OF INITIAL AHERA COMPLIANCE INSPECTION SAMPLING						
1861	12/12/1988	Tim Bundy	old boiler room, new Burnham boiler	boiler gasket	none detected	
1862	12/12/1988	Tim Bundy	old boiler room, new Burnham boiler	boiler gasket	none detected	
1863	12/12/1988	Tim Bundy	old boiler room, new Burnham boiler	boiler gasket	none detected	
1864	12/12/1988	Tim Bundy	old boiler room, old Burnham boiler	boiler fibrous gasket	87% chrysotile	replaced 1998
1865	12/12/1988	Tim Bundy	old boiler room, old Burnham boiler	boiler fibrous gasket	87% chrysotile	replaced 1998
1866	12/12/1988	Tim Bundy	old boiler room, old Burnham boiler	boiler fibrous gasket	87% chrysotile	replaced 1998
1867	12/12/1988	Tim Bundy	old boiler room, gym wall, at hole in wall	sheetrock	none detected	
1868	12/12/1988	Tim Bundy	room 301 behind outlet behind door	sheetrock	none detected	
1869	12/12/1988	Tim Bundy	room 240, upper left corner	sheetrock	<1% chrysotile in mud	
1870	12/12/1988	Tim Bundy	room 223, left side of entrance	1' x1' white floor tile	1% chrysotile in black mastic	
1871	12/12/1988	Tim Bundy	room 303A, left side of entrance	1' x1' white floor tile	1% chrysotile in black mastic	abated 2000
1872	12/12/1988	Tim Bundy	entrance to room 223	1' x1' white floor tile	1% chrysotile in black mastic	
1873	12/12/1988	Tim Bundy	entrance to office, left side	white sheet vinyl flooring	none detected	
1874	12/12/1988	Tim Bundy	room 301 corner, next to fire extinguisher	white sheet vinyl flooring	17% chrysotile in SVF	abated 2014
1875	12/12/1988	Tim Bundy	room 301 right of door, front left corner	white sheet vinyl flooring	17% chrysotile in SVF	abated 2014
1876	12/12/1988	Tim Bundy	room 302, left side of entry door	1' x1' tan floor tile	2% chrysotile in tile	abated 2023
1877	12/12/1988	Tim Bundy	room 303, right side of door by stairs	1' x1' tan floor tile	2% chrysotile in tile	abated 2000
1878	12/12/1988	Tim Bundy	room 228 storage room, left side entrance	1' x1' tan floor tile	none detected	
1879	12/12/1988	Tim Bundy	boys locker room, right side of office door	1' x1' beige floor tile	2% chrysotile in tile	abated 2004
1880	12/12/1988	Tim Bundy	boys locker room, left side of office door	1' x1' beige floor tile	2% chrysotile in tile	abated 2004
1881	12/12/1988	Tim Bundy	boys locker room office, left side of 2nd door	1' x1' beige floor tile	2% chrysotile in tile	abated 2004
1882	12/12/1988	Tim Bundy	entrance to custodial closet by rm 204, left side	yellow/gold sheet vinyl	16% chrysotile in SVF	
1883	12/12/1988	Tim Bundy	entrance to custodial closet by rm 204, rt side	yellow/gold sheet vinyl	16% chrysotile in SVF	
1884	12/12/1988	Tim Bundy	custodial closet by rm 204	yellow/gold sheet vinyl	16% chrysotile in SVF	
1885	12/12/1988	Tim Bundy	entrance to room 106, left side	1' x1' eggshell floor tile (only place)	3% chrysotile in tile	abated 2023
1886	12/12/1988	Tim Bundy	entrance to room 106, right side	1' x1' eggshell floor tile (only place)	3% chrysotile in tile	abated 2023
1887	12/12/1988	Tim Bundy	back door entrance to room 106, right side	1' x1' eggshell floor tile (only place)	3% chrysotile in tile	abated 2023

Sample Log #	Sample Date	Collected By:	Location of Sample Collection	Sampled Material Description	Analytical Results	Notes
1888	12/12/1988	Tim Bundy	entrance to room 203A office, left side	1' x 1' green/white floor tile	2% chrysotile in tile	
1889	12/12/1988	Tim Bundy	room 203A office, behind desk	1' x 1' green/white floor tile	2% chrysotile in tile	
1890	12/12/1988	Tim Bundy	entrance to room 304, left side	1' x 1' green/white floor tile	2% chrysotile in tile	abated 2004
1891	12/12/1988	Tim Bundy	room 210 library	2' x 4' squiggle ceiling tile	none detected	
1892	12/12/1988	Tim Bundy	hall 246C by stairs	2' x 4' squiggle ceiling tile	none detected	
1893	12/12/1988	Tim Bundy	hall 246C outside room 202	2' x 4' squiggle ceiling tile	none detected	
1894	12/12/1988	Tim Bundy	hall 246C outside room 202	2' x 4' flowered ceiling tile	none detected	
1895	12/12/1988	Tim Bundy	hall 246C outside boys restroom	2' x 4' flowered ceiling tile	none detected	
1896	12/12/1988	Tim Bundy	hall 246C by stairs	2' x 4' flowered ceiling tile	none detected	
1897	12/12/1988	Tim Bundy	hall 246C by stairs	1' x 1' squiggle ceiling tile	none detected	
1898	12/12/1988	Tim Bundy	stairs outside room 209	1' x 1' squiggle ceiling tile	none detected	
1899	12/12/1988	Tim Bundy	room 300, right side of door	1' x 1' squiggle ceiling tile	none detected	
1900	12/12/1988	Tim Bundy	gym storage room 229C	2' x 4' deep-groove ceiling tile	none detected	
1901	12/12/1988	Tim Bundy	gym storage room 229C	2' x 4' deep-groove ceiling tile	none detected	
1902	12/12/1988	Tim Bundy	gym storage room 229C	2' x 4' deep-groove ceiling tile	none detected	
1903	12/12/1988	Tim Bundy	dark room 240B	1' x 1' white dot ceiling tile	none detected	
1904	12/12/1988	Tim Bundy	dark room 240B	1' x 1' white dot ceiling tile	none detected	
1905	12/12/1988	Tim Bundy	dark room 240B	1' x 1' white dot ceiling tile	none detected	
1906	12/12/1988	Tim Bundy	penthouse	sprayed-on fireproofing	none detected	
1907	12/12/1988	Tim Bundy	penthouse	sprayed-on fireproofing	none detected	
1908	12/12/1988	Tim Bundy	penthouse	sprayed-on fireproofing	none detected	
1909	12/12/1988	Tim Bundy	hall outside room 208, left corner	sprayed-on fireproofing	none detected	
1910	12/12/1988	Tim Bundy	room 208	sprayed-on fireproofing	none detected	
1911	12/12/1988	Tim Bundy	hall outside room 209	sprayed-on fireproofing	none detected	
1912	12/12/1988	Tim Bundy	room 207	sprayed-on fireproofing	none detected	
1913	12/12/1988	Tim Bundy	hall outside room 206	sprayed-on fireproofing	none detected	
1914	12/12/1988	Tim Bundy	room 206	sprayed-on fireproofing	none detected	
1915	12/12/1988	Tim Bundy	room 229C	black flex-duct fabric	none detected	
1916	12/12/1988	Tim Bundy	room 229C	black flex-duct fabric	none detected	
1917	12/12/1988	Tim Bundy	room 229C	black flex-duct fabric	none detected	
2496	3/7/1989	Tim Bundy	room 228B 1st row, middle panel	FR-81 ceiling tile	none detected	
2497	3/7/1989	Tim Bundy	room 219 middle panel	FR-2 dotted ceiling tile	none detected	
2498	3/7/1989	Tim Bundy	room 240, right lower side of door	sheetrock	none detected	
2501	3/7/1989	Tim Bundy	nurse's room over windows, middle section	white spray-on fireproofing	none detected	
END OF INITIAL AHERA COMPLIANCE INSPECTION SAMPLING						
#3 Boiler	2/3/1992	Kathy Kelly	#3 boiler stack	White fibrous insulation	none detected	
3127	3/30/1992	Kathy Kelly	old boiler stack outside building	grey cement-like non-fibrous insulation	none detected	
3139	7/22/1992	Kathy Kelly	boiler room 110, boiler stack insulation	white fibrous pipe insulation	none detected	
3140	7/22/1992	Kathy Kelly	boiler room 110, boiler stack insulation	white fibrous pipe insulation	none detected	
3141	7/22/1992	Kathy Kelly	boiler room 110, boiler stack insulation	white fibrous pipe insulation	none detected	
3142	7/22/1992	Ed Pearson	boiler room 110, boiler stack insulation	white fibrous pipe insulation	none detected	
3143	7/22/1992	Ed Pearson	boiler room 110, boiler stack insulation	white fibrous pipe insulation	none detected	
3144	7/22/1992	Ed Pearson	boiler room 110, boiler stack insulation	white fibrous pipe insulation	none detected	

Sample Log #	Sample Date	Collected By:	Location of Sample Collection	Sampled Material Description	Analytical Results	Notes
3194	8/26/1994	Brian Bilkey	roof section #1	roofing materials	2% chrysotile	abated 1996
3195	8/26/1994	Brian Bilkey	roof section #2	roofing materials	5% chrysotile	abated 1996
3196	8/26/1994	Brian Bilkey	roof section #3	roofing materials	1% chrysotile	abated 1996
3197	8/26/1994	Brian Bilkey	roof section #4	roofing materials	1% chrysotile	abated 1996
3198	8/26/1994	Brian Bilkey	roof section #5	roofing materials	3% chrysotile	abated 1996
3268	5/18/1996	Malcolm McBride	E side S wall room 225	Cement Asbestos Board (CAB)	20% chrysotile In CAB, none in mastic	abated 1996
3269	5/18/1996	Malcolm McBride	S end W wall room 225	Cement Asbestos Board (CAB)	15% chrysotile In CAB, none in mastic	abated 1996
3270	5/18/1996	Malcolm McBride	room 225 B	Cement Asbestos Board (CAB)	20% chrysotile In CAB, none in mastic	abated 1996
3532	4/19/2000	Malcolm McBride	room 302A	drywall tape & joint compound	5% chrysotile In drywall mud	abated 2000
3533	4/19/2000	Malcolm McBride	room 302A	vinyl tile & black mastic	8% chrysotile In VAT, 10% In mastic	abated 2000
3534	4/19/2000	Malcolm McBride	room 303A	vinyl tile & black mastic	10% chrysotile In VAT, 25% In mastic	abated 2000
3535	4/19/2000	Malcolm McBride	room 303A	2 X 4 Ceiling tile	none detected	
3536	4/19/2000	Malcolm McBride	room 302A	2 X 4 Ceiling tile	none detected	
HMS-1	12/6/2000	Malcolm McBride	room 301 by the door to 305	white drywall joint compound	3% chrysotile	abated 2001
HMS-2	12/6/2000	Malcolm McBride	room 304	white drywall joint compound	3% chrysotile	
HMS-1	3/27/2001	Malcolm McBride	room 220	carpeting adhesive	none detected	
HMS-2	3/27/2001	Malcolm McBride	room 220	gray sheet vinyl, yellow glue, leveling compound	none detected	
3598	2/26/2002	Malcolm McBride	room 114	drywall tape & joint compound	none detected	
3942	2/12/2003	Malcolm McBride	room 118 by day tank	drywall tape & joint compound	none detected	
3943	2/12/2003	Malcolm McBride	stairway 216 landing	drywall tape & joint compound	none detected	
3944	2/12/2003	Malcolm McBride	room 119 by door to 106/110	drywall tape & joint compound	none detected	
3945	2/12/2003	Malcolm McBride	room 109	drywall tape & joint compound	none detected	
3946	2/12/2003	Malcolm McBride	room 208	drywall tape & joint compound	none detected	
3947	2/12/2003	Malcolm McBride	room 206 by door	drywall tape & joint compound	none detected	
3948	2/12/2003	Malcolm McBride	room 210A by sink	drywall tape & joint compound	none detected	
3949	2/12/2003	Malcolm McBride	room 229 by 229B	drywall tape & joint compound	4% chrysotile In drywall mud	
3950	2/12/2003	Malcolm McBride	room 246A by 229B	drywall tape & joint compound	4% chrysotile In drywall mud	
3951	2/12/2003	Malcolm McBride	room 301 by windows	drywall tape & joint compound	4% chrysotile In drywall mud	
3952	2/12/2003	Malcolm McBride	room 301A	drywall tape & joint compound	none detected	
3953	2/12/2003	Malcolm McBride	room 300A	drywall tape & joint compound	5% chrysotile In drywall mud	
248D #1	6/6/2006	Brian Bilkey	room 248D	carpet backing & mastic	none detected	
248D #2	6/6/2006	Brian Bilkey	room 248D	mastic	none detected	
246C #3	6/6/2006	Brian Bilkey	room 246C	mastic	none detected	

Sample Log #	Sample Date	Collected By:	Location of Sample Collection	Sampled Material Description	Analytical Results	Notes
246C #4	6/6/2006	Brian Bilkey	room 246C	carpet backing & mastic	none detected	
Rm 201 #5	6/6/2006	Brian Bilkey	room 201	carpet backing & mastic	none detected	
Rm 201 #6	6/6/2006	Brian Bilkey	room 201	carpet backing & mastic	none detected	
246F #7	6/6/2006	Brian Bilkey	room 246F	mastic	none detected	
246E #8	6/6/2006	Brian Bilkey	room 246E	mastic	none detected	
246E #9	6/6/2006	Brian Bilkey	room 246C	carpet backing & mastic	none detected	
246C #10	6/6/2006	Brian Bilkey	room 246C	carpet backing & mastic	none detected	
GYM HALLWAY #11	6/6/2006	Brian Bilkey	gym hallway	carpet backing & mastic	none detected	
GYM HALLWAY #12	6/6/2006	Brian Bilkey	gym hallway	carpet backing & mastic	none detected	
GYM HALLWAY #13	6/6/2006	Brian Bilkey	gym hallway	carpet backing & mastic	none detected	
GYM HALLWAY #14	6/6/2006	Brian Bilkey	gym hallway	carpet backing & mastic	none detected	
246B #15	6/6/2006	Brian Bilkey	room 246B	carpet backing & mastic	none detected	
Rm 217 #16	6/6/2006	Brian Bilkey	room 217	carpet backing & mastic	none detected	
Rm 219 #17	6/6/2006	Brian Bilkey	room 219	mastic	none detected	
Rm 220 #18	6/6/2006	Brian Bilkey	room 220	mastic	none detected	
Rm 221 #19	6/6/2006	Brian Bilkey	room 221	carpet backing & mastic	none detected	
Rm 210 MEDIA-CENTER #20	6/6/2006	Brian Bilkey	room 210 media center	mastic	none detected	
Rm 210 MEDIA-CENTER #21	6/6/2006	Brian Bilkey	room 210 media center	mastic	none detected	
Rm 209 #22	6/6/2006	Brian Bilkey	room 209	mastic	none detected	
Rm 209 #23	6/6/2006	Brian Bilkey	room 209	brown mastic & leveling compound	2% chrysotile in mastic	
Rm 211 #24	6/6/2006	Brian Bilkey	room 211	tan floor tile & black mastic	10% chrysotile in floor tile; 15% in black mastic	
HOMER MIDDLE	6/28/2006	Brian Bilkey	front entrance area	gray fireproofing	none detected	
1 TILE	7/18/2006	Jim Pastro	library	off-white floor tile	30% chrysotile in floor tile; 20% in black mastic	abated 2006
1 MASTIC	7/18/2006	Jim Pastro	library	black & brown mastic	20% chrysotile in black mastic; ND in brown mastic	abated 2006
#1 BOILER STACK	7/31/2006	Jim Pastro	boiler stack insulation	gray fibrous insulation w/ canvas jacket	40% chrysotile in grey TSI; ND in canvas jacket	abated 2015
#2 COMB. CHAMBER	7/31/2006	Jim Pastro	from boiler	reddish tan fire brick	none detected	
#3 DOOR GASKET	7/31/2006	Jim Pastro	boiler door gasket	door insulation, white/tan	none detected	
102810MS01301	10/28/2010	Mark SchaaFsma	boiler exhaust manifold, on vertical section that exits roof, 2 ft. above horizontal section	2" thick mag-block pipe insulation, white color	10% amosite	abated 2015
102810MS01302	10/28/2010	Mark SchaaFsma	boiler exhaust manifold, on horiz. section, where it tees into vertical section	2" thick mag-block pipe insulation, white color	10% amosite	abated 2015

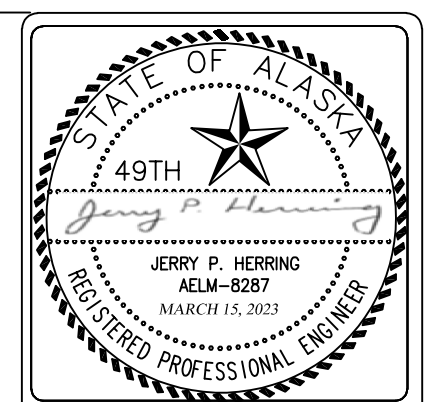
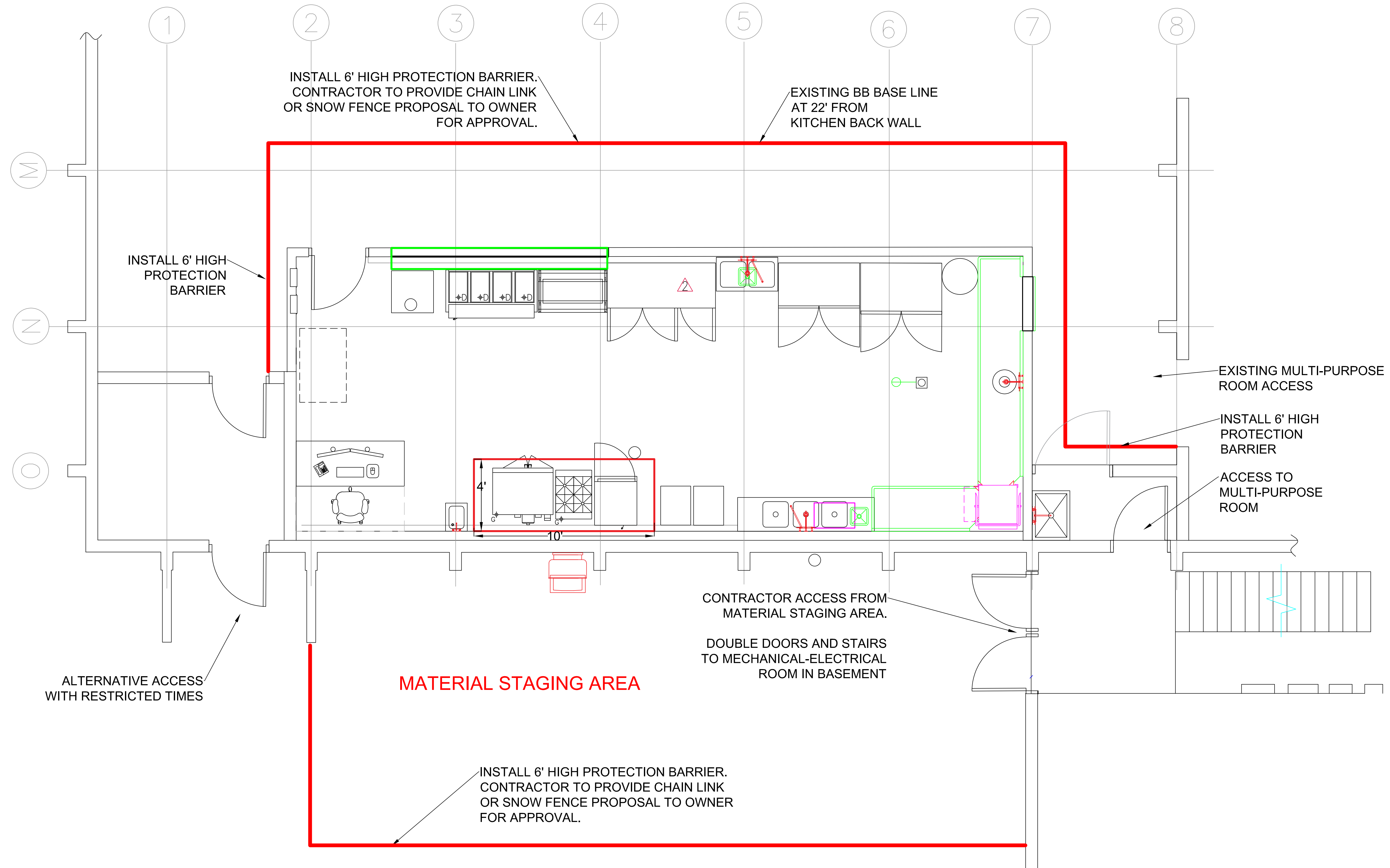
Sample Log #	Sample Date	Collected By:	Location of Sample Collection	Sampled Material Description	Analytical Results	Notes
102810MS01303	10/28/2010	Mark Schaafsma	boiler exhaust, where boiler # 1 vent tees into horizontal manifold	2" thick calcium silicate pipe insulation, gold/beige color	none detected	
102810MS01304	10/28/2010	Mark Schaafsma	boiler exhaust, where boiler # 2 vent tees into horizontal manifold	2" thick calcium silicate pipe insulation, gold/beige color	none detected	
102810MS01305	10/28/2010	Mark Schaafsma	boiler #1 exhaust, just below horizontal manifold section	2" thick calcium silicate pipe insulation, gold/beige color	none detected	
102810MS01306	10/28/2010	Mark Schaafsma	boiler #1 exhaust, 45 deg. Ell at bottom of diagonal run	2" thick calcium silicate pipe insulation, gold/beige color	none detected	
021511MS01301	2/15/2011	Mark Schaafsma	room 238B custodial office exterior wall, above upper left corner of rollup door	reddish mastic behind CAB wall panels, painted over	none detected	
021511MS01302	2/15/2011	Mark Schaafsma	room 238B custodial office exterior wall, above top center of rollup door	reddish mastic behind CAB wall panels, painted over	none detected	
081811MS01301	8/18/2011	Mark Schaafsma	band storage room 300B at doorway (also found in rooms 222, 223, & 231)	12" beige VAT w/ brown & gray flecks	8% chrysotile in VAT; 25% chrysotile in black mastic	abated 2014
081811MS01302	8/18/2011	Mark Schaafsma	home-ec storage room 301A near door (also found in room 203A)	12" off-white VAT w/ greenish flecks	10% chrysotile in VAT	
081811MS01303	8/18/2011	Mark Schaafsma	classroom office 203A at door	12" off-white VAT w/ greenish flecks	8% chrysotile in VAT	
081811MS01304	8/18/2011	Mark Schaafsma	science room 302, north wall (also found in rooms 227C, 228A, and 234)	12" brown VAT w/ white flecks	8% chrysotile in VAT; 15% chrysotile in black mastic	
081811MS01305	8/18/2011	Mark Schaafsma	home-ec room 301, at edge of kitchen vinyl	light gray pebble pattern sheet vinyl	25% chrysotile in sheet vinyl backing: <1% in tan mastic	abated 2014
081811MS01306	8/18/2011	Mark Schaafsma	home-ec room 301, at edge of kitchen vinyl	light gray pebble pattern sheet vinyl	10% chrysotile in sheet vinyl backing: <1% in tan mastic	abated 2014
081811MS01307	8/18/2011	Mark Schaafsma	room 230 snackbar, near sink (only room with this tile)	12" classic beige VAT w/ brown flecks	5% chrysotile in VAT	
081811MS01308	8/18/2011	Mark Schaafsma	8ym office 231, left of doorway (also found in rooms 222, 223, & 300B)	12" beige VAT w/ brown & gray flecks	12% chrysotile in VAT; 10% chrysotile in black mastic	
081811MS01309	8/18/2011	Mark Schaafsma	storage room 234, at doorway (also found in rooms 227C, 228A, and 302)	12" brown VAT w/ white flecks	8% chrysotile in VAT; 10% chrysotile in black mastic	abated 2017
051413MS01301	5/14/2013	Mark Schaafsma	boiler exhaust horiz. manifold, 34" from E end	white molded pipe insulation	none detected	
051413MS01302	5/14/2013	Mark Schaafsma	boiler exhaust horiz. manifold, 68" from E end	white molded pipe insulation	none detected	
051413MS01303	5/14/2013	Mark Schaafsma	boiler exhaust horiz. manifold, 115" from E end	white molded pipe insulation	none detected	
051413MS01304	5/14/2013	Mark Schaafsma	boiler exhaust horiz. manifold, 139" from E end	white molded pipe insulation	10% amosite	abated 2015
051413MS01305	5/14/2013	Mark Schaafsma	boiler exhaust horiz. manifold, 172" from E end	white molded pipe insulation	10% amosite	abated 2015
102113MS01301	10/21/2013	Mark Schaafsma	room 116 storage closet behind elevator	12" beige VAT w/ tan/yellow flecks	4% chrysotile in VAT; 14% chrysotile in black mastic	not previously ID'ed as ACM
102113MS01302	10/21/2013	Mark Schaafsma	art classroom 106, at outside door	12" tan VAT w/ brown flecks	7% chrysotile in VAT; 11% chrysotile in black mastic	abated 2023
102914MS01301	10/29/2014	Mark Schaafsma	SW corner of room 301, above ceiling	white spray-on fireproofing	none detected	
102914MS01302	10/29/2014	Mark Schaafsma	SW corner of room 301, above ceiling	white spray-on fireproofing	none detected	
102914MS01303	10/29/2014	Mark Schaafsma	SW corner of room 301, above ceiling	white spray-on fireproofing	none detected	
102914MS01304	10/29/2014	Mark Schaafsma	main boiler exhaust stack, 1 ft above roofline	gray/brown cementitious refractory	none detected	
102914MS01305	10/29/2014	Mark Schaafsma	main boiler exhaust stack, 1 ft above roofline	gray/brown cementitious refractory	none detected	

Sample Log #	Sample Date	Collected By:	Location of Sample Collection	Sampled Material Description	Analytical Results	Notes
102914M/SO1306	10/29/2014	Mark Schaafsma	main boiler exhaust stack, 1 ft above roofline	gray/brown cementitious refractory	none detected	
HMS-STACK	4/16/2015	Mike Brown	boiler room 110, HW heater stack insulation	white chalky pipe insulation	none detected	
062415M/SO1301	6/24/2015	Mark Schaafsma	library side room 210A (same VAT as rm 116)	12" VAT, beige w/ tan/gold flecks	5% chrysotile in VAT; 8% chrysotile in black mastic	not previously IDed as ACM
062415M/SO1302	6/24/2015	Mark Schaafsma	library side room 210A (same VAT as rm 116)	12" VAT, beige w/ tan/gold flecks	5% chrysotile in VAT; 8% chrysotile in black mastic	not previously IDed as ACM
062415M/SO1303	6/24/2015	Mark Schaafsma	library side room 210B (same VAT as rm 116)	12" VAT, beige w/ tan/gold flecks	5% chrysotile in VAT; 9% chrysotile in black mastic	not previously IDed as ACM
072016M/SO1301	7/20/2016	Mark Schaafsma	room 239 flooring, along south wall	12" VAT, cream w/ tan/gray splotches	none detected	
072016M/SO1302	7/20/2016	Mark Schaafsma	room 239 flooring, along south wall	12" VAT, cream w/ tan/gray splotches	none detected	
072016M/SO1303	7/20/2016	Mark Schaafsma	room 239 flooring, along south wall	12" VAT, cream w/ tan/gray splotches	none detected	
040418M/SO1301	4/4/2018	Mark Schaafsma	gymnasium 229 under south end of bleachers along east wall	below hardwood floor, black mastic coating over 1/2" plywood underlayment	8% chrysotile in black mastic	abated 2018
040418M/SO1302	4/4/2018	Mark Schaafsma	gymnasium 229 under south end of bleachers along east wall	below hardwood floor, black mastic coating over 1/2" plywood underlayment	8% chrysotile in black mastic	abated 2018
040418M/SO1303	4/4/2018	Mark Schaafsma	gymnasium 229 under south end of bleachers along east wall	below hardwood floor, black mastic coating over 1/2" plywood underlayment	8% chrysotile in black mastic	abated 2018
040418M/SO1304	4/4/2018	Mark Schaafsma	gymnasium 229 under south end of bleachers along east wall	below hardwood floor & 1/2" plywood underlayment, 3/8" thick tan rubberized padding adhered to concrete subfloor with sticky tan glue	2% chrysotile in tan mastic only	abated 2018
040418M/SO1305	4/4/2018	Mark Schaafsma	gymnasium 229 under south end of bleachers along east wall	below hardwood floor & 1/2" plywood underlayment, 3/8" thick tan rubberized padding adhered to concrete subfloor with sticky tan glue	2% chrysotile in tan mastic only	abated 2018
040418M/SO1306	4/4/2018	Mark Schaafsma	gymnasium 229 under south end of bleachers along east wall	below hardwood floor & 1/2" plywood underlayment, 3/8" thick tan rubberized padding adhered to concrete subfloor with sticky tan glue	2% chrysotile in tan mastic only	abated 2018
0427221L01301	4/27/2022	Jake Lautaret	science room 302 mastic under counter tops	tan resinous material/mastic under black counter tops	7% chrysotile tan in mastic	abated 2023
0427221L01302	4/27/2022	Jake Lautaret	science room 302 mastic under counter tops	tan resinous material/mastic under black counter tops	6% chrysotile in tan mastic	abated 2023
0427221L01303	4/27/2022	Jake Lautaret	science room 302 black counter tops	black fibrous material	16% chrysotile in counter top	abated 2023
0427221L01304	4/27/2022	Jake Lautaret	science room 302 black counter tops	black fibrous cementitious material	19% chrysotile in counter top	abated 2023
0427221L01305	4/27/2022	Jake Lautaret	science room 303 black counter tops	black fibrous cementitious material	19% chrysotile in counter top	abated 2023

ISSUED FOR CONSTRUCTION

SCALE: AS SHOWN

AutoCAD FILE: hms_kitchen_mechanical.dwg



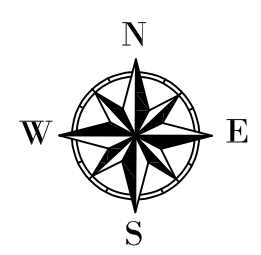
NO.	REVISION	DATE
1	UPDATED PER PLAN REVIEW	3/15/23
2	INSTALLATION OF PROTECTION BARRIER	8/22/23

CENTRAL ALASKA ENGINEERING COMPANY, LLC.
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 AECL 1481 E-MAIL: JHERRING@AKENGINEER.COM

HOMER MIDDLE SCHOOL KITCHEN INSTALLATION
 PROJECT: 500 STERLING HWY., HOMER, AK 99603
 CLIENT: KENAI PENINSULA BOROUGH SCHOOL DISTRICT
 KP&B PURCHASING & CONTRACTING DEPARTMENT
 47140 E POPPY LANE, SOLDOTNA, AK 99669 (907) 714-2260

DESIGN REVIEW DOCUMENTS	
AUGUST 22, 2023	
DRAWN: BD	CHECKED: JH
SHEET CONTENTS:	
SAFETY BARRIERS	
CATEGORY:	SHEET:
	M 6.0

1 PROTECTION BARRIER PLAN
 SCALE: 3/8" = 1'0" ON 22"x34"
 SCALE: 3/16" = 1'0" ON 11"x17"
 PLAN REF

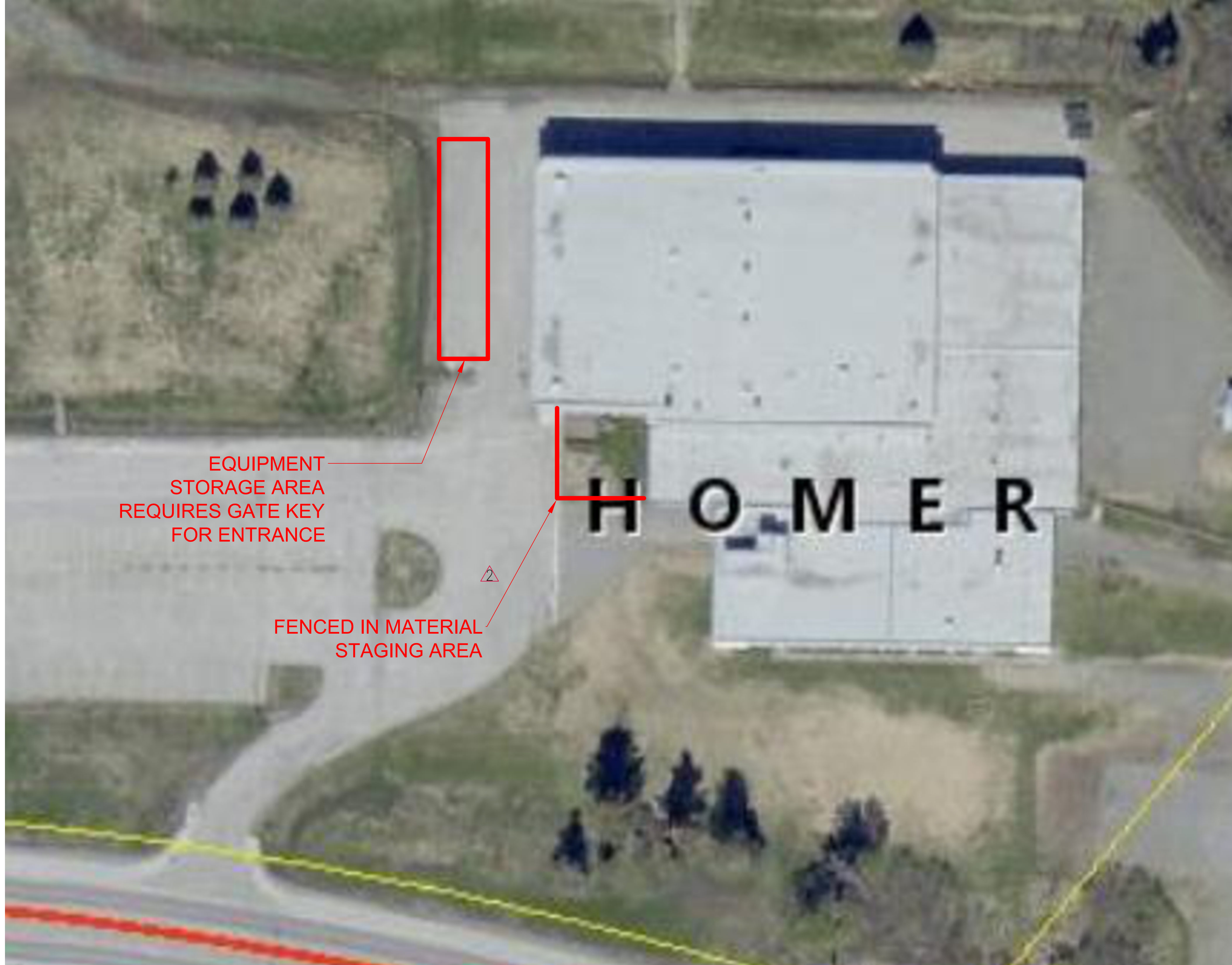


ISSUED FOR CONSTRUCTION

SCALE: AS SHOWN

AutoCAD FILE: hms_kitchen_mechanical.dwg

1 2 3 4



EQUIPMENT
STORAGE AREA
REQUIRES GATE KEY
FOR ENTRANCE

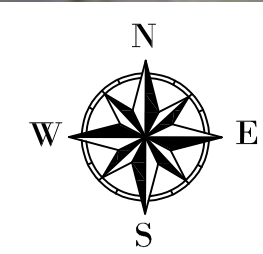
FENCED IN MATERIAL
STAGING AREA

1
M6.1

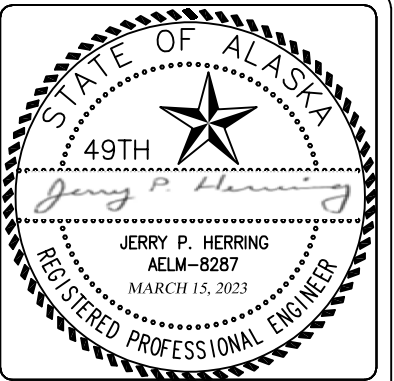
PROJECT STAGING AREAS

NOT TO SCALE

PLAN REF



1 2 3 4



NO.	REVISION	DATE
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 500 STERLING HWY., HOMER, AK 99603

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DESIGN REVIEW DOCUMENTS
 AUGUST 22, 2023

DRAWN: BD CHECKED: JH

SHEET CONTENTS:
 PROJECT STAGING AREAS

CATEGORY: SHEET:

M 6.1