ADDENDUM TO THE CONTRACT

for the

PUBLIC SAFETY BUILDING BUILDING DEMOLITION
Contract No. BE19-117

ADDENDUM NO.: **ONE**

CURRENT DEADLINE FOR BIDS:
January 10, 2019

PREVIOUS ADDENDA: **NONE**

ISSUED BY:

City and Borough of Juneau
ENGINEERING DEPARTMENT
155 South Seward Street
Juneau, Alaska 99801

PREVIOUS DEADLINE FOR BIDS:
January 3, 2019

DATE ADDENDUM ISSUED: **December 24, 2018**

The following items of the contract are modified as herein indicated. All other items remain the same. This addendum has been issued and is posted online. Please refer to the CBJ Engineering Contracts Division webpage at: http://www.juneau.org/engineering_ftp/contracts/Contracts.php

QUESTIONS AND CLARIFICATIONS:

Question: "The spec appears to require the Contractor to dismantle the building by crane or by hand?"

Response: All demolition means and methods suitable for the project location will be considered but must be approved by CBJ prior to commencement of the Work.

Question: "Can as-built drawings be provided?"

Response: No. The Owner does not have record drawings of the facility. The Owner will make the original construction drawings available for bidders' reference but bears no responsibility for the accuracy of the drawings reflecting as-built conditions. Also, there have been several renovations of the facility since its original construction and the Owner does not have drawings of each of these projects.

INFORMATION ITEMS:

Item No. 1. See attached Hazardous Materials Report.

Item No. 2. Original construction drawings are available for download on the CBJ Engineering Contracts Division webpage at:
http://www.juneau.org/engineering_ftp/contracts/viewdetails.php?UID=674.

PROJECT MANUAL:

Item No. 1 SECTION 00005 - TABLE OF CONTENTS
replace with the attached Table of Contents section.

Item No. 2 SECTION 00030 - NOTICE INVITING BIDS. DEADLINE FOR BIDDER QUESTIONS
change the date of the Deadline for Bidder Questions ***from*** December 27, 2018, ***to*** January 3, 2019.

Item No. 3 SECTION 00030 - NOTICE INVITING BIDS. DEADLINE FOR BIDS
change the date of the Deadline for Bids ***from*** January 3, 2019, ***to*** January 10, 2019. The time remains the same.

Item No. 4 SPECIAL PROVISIONS
add the attached Special Provisions section.

Item No. 5 SECTION 024116 – PART 1 – GENERAL; 1.8 FIELD CONDITIONS; D; 3, ***delete*** in its entirety.

Item No. 6 SECTION 024116 - PART 3 – EXECUTION; 3.4 PROTECTION; B. Temporary Shoring, ***add*** "2. CONTRACTOR is responsible for structural design of all temporary shoring."

Item No. 7 SECTION 024116 - PART 3 – EXECUTION; 3.6 DEMOLITION BY MECHANICAL MEANS, paragraph A. ***add*** "1. Or as detailed in CONTRACTORS sequence of demolition work and activities, 024116.

Item No. 8 SECTION 323002 – PAINTED TRAFFIC MARKINGS
add the attached Painted Traffic Markings section.

DRAWINGS:

Item No. 1 Sheet A101, DEMOLITION KEY NOTES, Note 12, ***add*** "See Civil for asphalt removal and replacement outside of project limits."

Item No. 2 Sheet A101, DEMOLITION KEY NOTES, Note 18, ***add*** "See Civil for asphalt removal and replacement outside of project limits."

Item No. 3 Sheet A204, DEMOLITION SECOND FLOOR FRAMING PLAN, general note box upper left corner of drawing, ***add*** "1. Remove all elements shown. 2. PWD and finished floor assemblies not shown for clarity. 3. See A203 for interior and exterior demolition at second floor."

By: _____ FOR GREG SMITH
Greg Smith,
Contract Administrator

Total number of pages contained within this Addendum: 23

August 16, 2018

Tony Yorba, AIA
Jensen Yorba Lott Architects
522 W 10th Street
Juneau, AK. 99801

Re: Hazardous materials sampling results from the Juneau Public Safety Building

Dear Tony,

On July 17, 2018, I performed a pre-demolition hazardous materials survey at the Public Safety Building in Juneau, Alaska. The building has been recently acquired by the City and Borough of Juneau and is scheduled for demolition next year.

ASBESTOS

Twenty-one samples were collected for analysis for asbestos content by polarized light microscopy and were submitted to Med-Tox Northwest, a NVLAP-certified laboratory located in Auburn, WA.

Six of the samples contained asbestos:

- Black mastic under vinyl composite tile in the first floor hallway;
- Black mastic under sheet vinyl in the first floor toilet rooms;
- Thermal system insulation on pipe fittings in the boiler room;
- Thermal system insulation on piping in the boiler room; and
- Original white duct tape on HVAC system components.

15 of the samples did not contain asbestos:

- Gypsum wallboard and associated joint compound (6 samples on both floors);
- Vinyl composite tile and associated yellow mastic in the SE entry hall;
- Thermal system insulation on the boiler stack (large diameter);
- Vinyl asbestos tile and associated yellow mastic adjacent to warehouse;
- Dark grey vinyl composite floor tile in warming shelter area;
- Sheet vinyl and associated mastic in the second floor toilet rooms; and
- Cove base and associated mastic.

Sample results are attached in an annotated laboratory report.

LEAD PAINT

Samples were collected for analysis for lead content by flame atomic absorption (Method SW846 3050B/7000B) and were submitted to Med-Tox Northwest, a NVLAP-certified laboratory located in Auburn, WA.

The shop is not a residential or child-occupied facility, so the EPA Lead RRP Rule does not apply; however, OSHA lead regulations do apply for any work performed in the facility. The OSHA threshold on lead content is "if lead is present on materials that will be disturbed".

SAMPLE TYPES AND RESULTS

Six samples of paint were collected from the following surfaces:

- Black paint on boiler stack;
- White paint on insulated steel panels;
- White paint on interior gypsum walls;
- Grey paint on concrete floor in boiler room;
- Grey and red paint on concrete warehouse floor.

Red paint on structural steel was difficult to obtain in adequate quantity for sampling but is assumed to be lead-containing based on the age of the building.

Lead was detected in the boiler room stack sample. No lead was detected in any of the remaining samples. Sample results for are attached in an annotated laboratory report.

OTHER HAZARDS

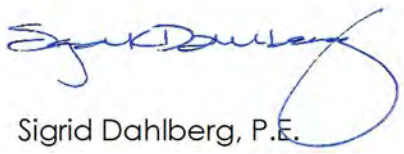
No mercury thermostats were identified in the building.

Fluorescent lamps and ballasts are present on both floors. All lamps will need to be removed and disposed of as a mercury hazard. All ballasts need to be checked for PCB labeling, and those that do not state "No PCBs" will need to be disposed of as hazardous materials.

A single above-ground fuel tank is located outside the boiler room. The previous underground storage tank is believed to have been removed in the past. The generator was removed at an earlier (unknown) date.

Please let me know if you have any questions.

Regards,



Sigrid Dahlberg, P.E.
Principal Engineer
AHERA Project Designer No. 163759
AHERA Building Inspector No. 163732
EPA Lead Renovator R-I-42872-16-10239

Asbestos Results
Juneau Public Safety Bldg

SEATTLE ASBESTOS TEST Pre-Demo July 2018

Bellevue Laboratory: 12727 Northup Way, Suite 1, Bellevue, WA 98005, Tel: 425.861.1111, Fax: 425.861.1118, NVLAP Lab Code: 200876-0

ANALYTICAL LABORATORY REPORT
PLM by Method EPA/600/R-93/116

Attn.: Ms. Teresa Choate | Client: Med-Tox, Northwest | Address: PO Box 1446, Auburn, WA 98071-1446
Job#: L8551 (65) | Batch#: 201812059 | Date Received: 7/27/2018
Samples Rec'd: 21 | Date Analyzed: 7/27/2018 | Samples Analyzed: 21
Project Loc.: Public Safety Building Interior

Analyzed by: Betsy Song Reviewed by: Steve (Fanyao) Zhang, President

Lab ID	Client Sample ID	Layer	Description	%	Asbestos Fibers	Non-fibrous Components	%	Non-asbestos Fibers
1	VAT mastic PBS-1 1st floor hall	1	Gray tile		None detected	Vinyl/binder, Mineral grains	2	Cellulose
		2	Black mastic	3	Chrysotile	Mastic/binder	2	Cellulose
2	VAT PBS-2 1st floor SE Entry	1	Pink/tan tile		None detected	Vinyl/binder, Mineral grains	3	Cellulose
		2	Yellow mastic		None detected	Mastic/binder	2	Cellulose
		3	Trace black mastic		None detected	Mastic/binder	2	Cellulose
3	GWB/mud PBS-3 1st floor	1	White powdery material with paper		None detected	Binder/filler	35	Cellulose
		2	White chalky material with paper		None detected	Binder/filler, Gypsum/binder	25	Cellulose
4	PBS-4	1	White chalky material with paper		None detected	Binder/filler, Gypsum/binder	23	Cellulose
5	Fitting TSI PBS-5 Above boiler	1	Woven fibrous material with paint		None detected	Filler, Paint	68	Synthetic fibers
		2	White powdery material	3	Chrysotile	Binder, Filler	18	Cellulose, Glass fibers
				5	Amosite			
6	TSI lg dia PBS-6 Boiler Stack	1	Tan paper with mastic and woven fibrous material		None detected	Filler, Mastic/binder	68	Cellulose, Glass fibers
		2	Yellow powdery material with woven fibrous material		None detected	Binder/filler	35	Cellulose, Glass fibers
7	Pipe TSI white PBS-7 Above boiler	1	Woven fibrous material with paint		None detected	Filler, Paint	68	Synthetic fibers
		2	White powdery material	9	Chrysotile	Binder/filler	5	Cellulose
8	Pipe TSI yellow PBS-8 Above boiler	1	Woven fibrous material with paint		None detected	Filler, Paint	64	Synthetic fibers
		2	White powdery material	11	Chrysotile	Binder/filler	5	Cellulose
9	VAT PBS-9 1st floor hall by warehouse	1	Gray tile		None detected	Vinyl/binder, Mineral grains	2	Cellulose
		2	Yellow mastic		None detected	Mastic/binder	3	Cellulose, Synthetic fibers
10	GWB/mud PBS-10 1st floor	1	White chalky material		None detected	Gypsum/binder	15	Cellulose
11	SV mastic PBS-11 1st floor toilet rms	1	Tan sheet vinyl		None detected	Vinyl/binder		None detected
		2	Gray fibrous material		None detected	Binder/filler	65	Cellulose
		3	Black mastic	3	Chrysotile	Mastic/binder	2	Cellulose
12	PBS-12 Duct tape orginal HVAC	1	Gray fibrous material	52	Chrysotile	Filler	25	Cellulose

SEATTLE ASBESTOS TEST

Bellevue Laboratory: 12727 Northup Way, Suite 1, Bellevue, WA 98005. Tel: 425.861.1111, Fax: 425.861.1118, NVLAP Lab Code: 200876-0

ANALYTICAL LABORATORY REPORT
PLM by Method EPA/600/R-93/116

Attn.: Ms. Teresa Choate | Client: Med-Tox, Northwest | Address: PO Box 1446, Auburn, WA 98071-1446
Job#: L8551 (65) | Batch#: 201812059 | Date Received: 7/27/2018
Samples Rec'd: 21 | Date Analyzed: 7/27/2018 | Samples Analyzed: 21
Project Loc.: Public Safety Building Interior

Analyzed by: Betsy Song | Reviewed by: Steve (Fanyao) Zhang, President

Lab ID	Client Sample ID	Layer	Description	%	Asbestos Fibers	Non-fibrous Components	%	Non-asbestos Fibers
13	VAT dark grey 1st floor PBS-13 Warming Shelter	1	Dark gray tile		None detected	Vinyl/binder, Mineral grains	2	Cellulose
		2	Off-white sandy/brittle material		None detected	Sand, Filler, Binder	3	Cellulose
14	SV PBS-14 2nd floor Ladies Toilet Rm	1	Gray sheet vinyl		None detected	Vinyl/binder		None detected
		2	Gray fibrous material with mastic		None detected	Binder/filler, Mastic/binder	66	Cellulose, Glass fibers
15	GWB/mud PBS-15 2nd	1	Off-white powdery material with paint		None detected	Binder/filler, Paint	4	Cellulose
		2	White chalky material with paper		None detected	Binder/filler, Gypsum/binder	24	Cellulose
16	GWB/mud PBS-16 2nd	1	White powdery material with paint		None detected	Binder/filler, Paint	4	Cellulose
		2	White powdery material with paper		None detected	Binder/filler	36	Cellulose
		3	White chalky material with paper		None detected	Binder/filler, Gypsum/binder	23	Cellulose
17	GWB/mud PBS-17 2nd	1	White powdery material with paint		None detected	Binder/filler, Paint	4	Cellulose
		2	White powdery material with paper		None detected	Binder/filler	36	Cellulose
		3	White chalky material with paper		None detected	Binder/filler, Gypsum/binder	27	Cellulose
18	Mastic on PBS-18 stair treads (vinyl)	1	Yellow mastic		None detected	Mastic/binder	2	Cellulose
		2	Gray brittle material		None detected	Filler, Binder	2	Cellulose
		3	Gray foamy material		None detected	Synthetic foam		None detected
		4	Brown wood debris		None detected	Wood debris	7	Cellulose
19	Cove base w/ mastic PBS-19 typ	1	White rubbery material		None detected	Rubber/binder	2	Cellulose
		2	Brown mastic		None detected	Mastic/binder	2	Cellulose
		3	White chalky material with paper		None detected	Binder/filler, Gypsum/binder	22	Cellulose
20	12x12 VAT 2nd PBS-20 acc. toilet rm	1	Beige tile		None detected	Vinyl/binder, Mineral grains	2	Cellulose
		2	Trace yellow mastic		None detected	Mastic/binder	2	Cellulose
21	SV 2nd floor PBS-21 mens toilet rm	1	Gray sheet vinyl		None detected	Vinyl/binder		None detected
		2	Gray fibrous material with mastic		None detected	Binder/filler, Mastic/binder	65	Cellulose

SEATTLE ASBESTOS TEST, LLC
19711 Scriber Lake Rd. Suite D, Lynnwood, WA 98036
Tel: (425) 673-9850, Fax: (425) 673-9810 Website: seattleasbestostest.com

BATCH # 201812059

CHAIN OF CUSTODY

Analysis Type: Bulk Analysis X Point Count 400 ___ Point Count 1000 ___ Point Count Gravimetric

Turn Around Time 1 Day Number of Samples 21 Client Job # L8551(65)

Client Name Med-Tox Northwest

Address Post Office Box 1446 City Auburn State WA Zip 98071-1446

Phone 253-351-0677 Fax 253-351-0688 Email choatet@medtoxnw.com & lewisc@medtoxnw.com

Project Location: Public Safety Building Interior Project Manager: Teri Choate

Sample Condition: Good_____ Damaged_____ Severe Damage (Spillage) _____

SEQ#	SAMPLE ID	SAMPLE DESCRIPTION	Lab ID	Comment	A/R
1					
2		See attached			
3		data sheet.			
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

	Print	Signature	Company Name	Date	Time
Sampled by			Dahlberg Design		
Relinquished by	Chelsea Lewis		Med-Tox Northwest	07/25/18	1603
Delivered by					
Received by	Betsysong	Betsysong	SAT	7/27/18	9:30
Analyzed by	Betsysong	Betsysong	SAT	7/27/18	16:44
Result reported by					

Seattle Asbestos Test warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted, and disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. Seattle Asbestos Test accepts no legal responsibility for the purpose for which the client uses test results. By signing on this form, the clients agree to relieve Seattle Asbestos Test of any liability that may arise from the test results. Late payment may be charged of interest, invoices goes to collection causes 17-25% of collection fee. NSF is $50.

Result Reporting method: Phone_____, Fax_____, Email XX, Pick Up Report_____

20181205 9

PROJECT SAMPLE LOG

DD# 18058

Project:	Public Safety Building Interior
Sampler:	Sigrid Dahlberg, BI#163732
Sampling Date:	17-Jul-2018

Sample No.	Description
PSB-1	VAT 12x12 entry + 1st Floor Hall, gray marbled, black mastic
PSB-2	VAT repair at S entry, pink/tan, yellow mastic over black mastic
PSB-3	GWB/mud, closet under S stairway
PSB-4	GWB/mud, Rm 103
PSB-5	Fitting TSI above boiler
PSB-6	Fitting TSI on boiler stack, lg dia
PSB-7	Pipe run TSI above boiler, white
PSB-8	Pipe run TSI above boiler, yellow
PSB-9	VAT warehouse end of hall, speckled gray, yellow mastic
PSB-10	GWB/mud, Generator Room
PSB-11	Sheet vinyl, 1st Floor Toilet Rooms, tan speckled
PSB-12	Duct tape on HVAC system
PSB-13	VAT in 135-137, dark gray flecked, yellow mastic
PSB-14	Sheet vinyl, 2nd floor Ladies Toilet Rm, over wood
PSB-15	GWB/mud, 2nd Floor, N end
PSB-16	GWB/mud, 2nd Floor, west side
PSB-17	GWB/mud, 2nd Floor, SE
PSB-18	Mastic under stair treads, over wood
PSB-19	Cove base mastic, typical
PSB-20	VAT 12x12, Accessible Toilet Rm on 2nd Floor
PSB-21	Sheet vinyl, 2nd Floor Men's Toilet Rm

LEAD RESULTS
JUNEAU PUBLIC SAFETY BUILDING
PRE-DEMO JULY 2018

EMSL Analytical, Inc.
6340 CastlePlace Dr., Indianapolis, IN 46250
Phone/Fax: (317) 803-2997 / (317) 803-3047
http://www.EMSL.com indianapolislab@emsl.com

EMSL Order:	161814178
CustomerID:	MEDT50
CustomerPO:	L8551(64)
ProjectID:	

Attn: **Teri Choate**
Med-Tox Northwest
PO Box 1446
Auburn, WA 98071

Phone:	(253) 351-0677
Fax:	(253) 351-0688
Received:	07/26/18 9:10 AM
Collected:	7/17/2018

Project: **Public Safety Bldg**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*RDL*	*Lead Concentration*
PSB - L1 *161814178-0001*	7/17/2018 Site: INTERIOR FACE OF EXTERIOR WALLS (ON STEEL), WHITE	7/26/2018	0.014 % wt	<0.014 % wt
PSB - L2 *161814178-0002*	7/17/2018 Site: COMPOSITE OF FIRST FLOOR INTERIOR WALLS	7/26/2018	0.010 % wt	<0.010 % wt
PSB - L3 *161814178-0003*	7/17/2018 Site: BOILER STACK, BLACK	7/26/2018	0.010 % wt	0.021 % wt
PSB - L4 *161814178-0004*	7/17/2018 Site: COMPOSITE OF SECOND FLOOR WALLS	7/26/2018	0.010 % wt	<0.010 % wt
PSB - L5 *161814178-0005*	7/17/2018 Site: CONC FLOOR, BOILER ROOM, GRAY	7/26/2018	0.010 % wt	<0.010 % wt
PSB - L6 *161814178-0006*	7/17/2018 Site: CONCH FLOOR, WAREHOUSE, GRAY AND RED	7/26/2018	0.010 % wt	<0.010 % wt

BOILER STACK - BLACK PAINT CONTAINS LEAD.

Doug Wiegand, Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AIHA-LAP, LLC--ELLAP 157245, OH E10040

Initial report from 07/27/2018 15:50:02

OrderID: 161814178

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):*

161814178

PHONE:
FAX:

Company: Med-Tox Northwest		**EMSL-Bill to:** ☐ Different ☒ Same *If Bill to Is Different note instructions in Comments"* *Third Party Billing requires written authorization from third party*	
Street: P.O Box 1446			
City: Auburn	**State/Province:** WA	**Zip/Postal Code:** 98071-1446	**Country:** United States
Report To (Name): Teri Choate		**Telephone #:** (253)351-0677	
Email Address: choatet@medtoxnw.com & lewisc@medtoxnw.com		**Fax #:** (253)351-0688	**Purchase Order:** L8551(64)
Project Name/Number: Public Safety Bldg		**Please Provide Results:** ☐ FAX ☒ E-mail ☐ Mail	
U.S. State Samples Taken: AK		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour | ☐ 6 Hour | ☐ 24 Hour | ☒ 48 Hour | ☐ 72 Hour | ☐ 96 Hour | ☐ 1 Week | ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☒ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☒
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: Dahlberg Design | **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
	See attached data sheet.		

Client Sample #'s PSB-L1 - PSB-L6 | **Total # of Samples:** 6

Relinquished (Client):		**Date:**	7/25/18	**Time:**	1609
Received (Lab):	C. MacDowell	**Date:**	7.26.18	**Time:**	9:10 EFx

Comments:

161814178

PROJECT SAMPLE LOG

Project:	Public Safety Bldg
Project No.:	18058
Sampler:	Sigrid Dahlberg, EPA Lead Renovator R-I-42872-16-10239
Sampling Date:	17-Jul-2018

Sample No.	Description
PSB-L1	Interior face of exterior walls (on steel), white
PSB-L2	Composite of First Floor interior walls
PSB-L3	Boiler stack, black
PSB-L4	Composite of Second Floor walls
PSB-L5	Conc floor, Boiler Room, gray
PSB-L6	Conch floor, warehouse, gray and red

SAFE ENVIRONMENT OF AMERICA, INC. dba
MED-TOX NORTHWEST

1701 West Valley Hwy N, Suite 1
Auburn, Washington 98001
Telephone (253) 351-0677, Fax (253) 351-0688

Chain of Custody

Number of Samples: 6

Lab Batch Number | Archive Box No. | MTNW Proj. No. 48551(6A)

Company: Dahlberg Design LLC
Report to: Ms. Sigrid Dahlberg
Street: 222 Seward Street, STE 205
City: Juneau **State/Zip:** AK 99801
Phone: (907) 586-4447 **Fax:**
Cell: 907-723-8896
Email: sigrid@dahlberg.design
Project Name: Public Safety Bldg
Project No. / PO Number: 18058

Turn-Around Times

- ☐ 1 work day
- X 2 work days
- ☐ 3 work days
- ☐ 4 work days
- ☐ 5 work days
- ☐
- ☐
- ☐

Bulk Asbestos
- ☐ PLM
- ☐ SEM
- ☐ TEM

Airborne Asbestos
- ☐ PCM
- ☐ TEM - AHERA
- ☐ TEM - Modified EPA
- ☐ TEM - NIOSH 7402
- ☐ Yamate II

Metals
- ☐ Air
- ☐ Wipe
- X Chip
- ☐ TCLP

Fuel
- ☐ AK-GRO
- ☐ AK-DRO

(Select metals from list)
- X Lead (Pb)
- ☐ Priority pollutant (13)
- ☐ TAL (23)
- ☐ Antimony (Sb)
- ☐ Arsenic (As)
- ☐ Barium (Ba)
- ☐ Beryllium (Be)
- ☐ Cadmium (Cd)
- ☐ Chromium (Cr)
- ☐ Copper (Cu)
- ☐ Mercury (Hg)
- ☐ TPH-HCD (WA/OR)
- ☐ BETX/TPH-C (WA/OR)
- ☐ BETX (by 8020)
- ☐ TPH-G (WA/OR)
- ☐ TPH-D (WA/OR)
- ☐ 8015 Modified

Organic Compound
- ☐ 8240 GCMS volatile
- ☐ 8270 GCMS semi-vol
- ☐ 8140 OP pesticide
- ☐ 8150 OC herbicide
- ☐ 8080 pesticide/PCB
- ☐ 8080 PCB std/low
- ☐ Aromatic VOC
- ☐ 8040 phenol

Fungal Non-viable
- ☐ Airborne
- ☐ Bulk
- ☐ Tape Lift

Other *(Please specify)*
- ☐
- ☐

	Sample ID	Lab ID	Comments	Special Instructions
1	PSB-L1		Interior face of exterior walls (on steel), white	
2	PSB-L2		Composite of First Floor interior walls	
3	PSB-L3		Boiler stack, black	
4	PSB-L4		Composite of Second Floor walls	
5	PSB-L5		Conc floor, Boiler Room, gray	
6	PSB-L6		Conch floor, warehouse, gray and red	
7	00		0	
8	00		0	
9	00		0	
10	00		0	
11	00		0	
12	00		0	
13	00		0	
14	00		0	
15	#REF!		#REF!	

@$	Relinquished by (Signature)	Received by (Signature)	Analyzed by (Signature)
	Print Name SIGRID DAHLBERG	Print Name Chelsea Lewis	Print Name
	Date July 23, 2018 Time 3:00 pm	Date 7/25/18 Time 1523	Date Time

Due date and time for samples received after 4:30 PM will be calculated from 8:00 AM the following business day.

L8551( )

Nickel (Ni) Selenium (Se) Silver (Ag) Thallium (Tl)
418.1 (WA/OR) 413.2
8010 Halogenated/VOC 8310 HPLC PAH

Due date and time for samples received after 4:30 PM will be calculated from 8:00 AM the following business day.

NOTE:
THESE DRAWINGS ARE BASED ON A LIMITED AMOUNT OF INFORMATION ABOUT AN EXISTING BUILDING. THE CONTRACTOR MUST FIELD VERIFY ALL INFORMATION SHOWN AND NOTIFY THE ARCHITECT OF ANY DISCREPANCY PRIOR TO MODIFICATION

PSB-10
GWB/mud
ND

PSB-5
Fitting TSI
above boiler
3% C, 5% A

PSB-6
Boiler Stack TSI
ND

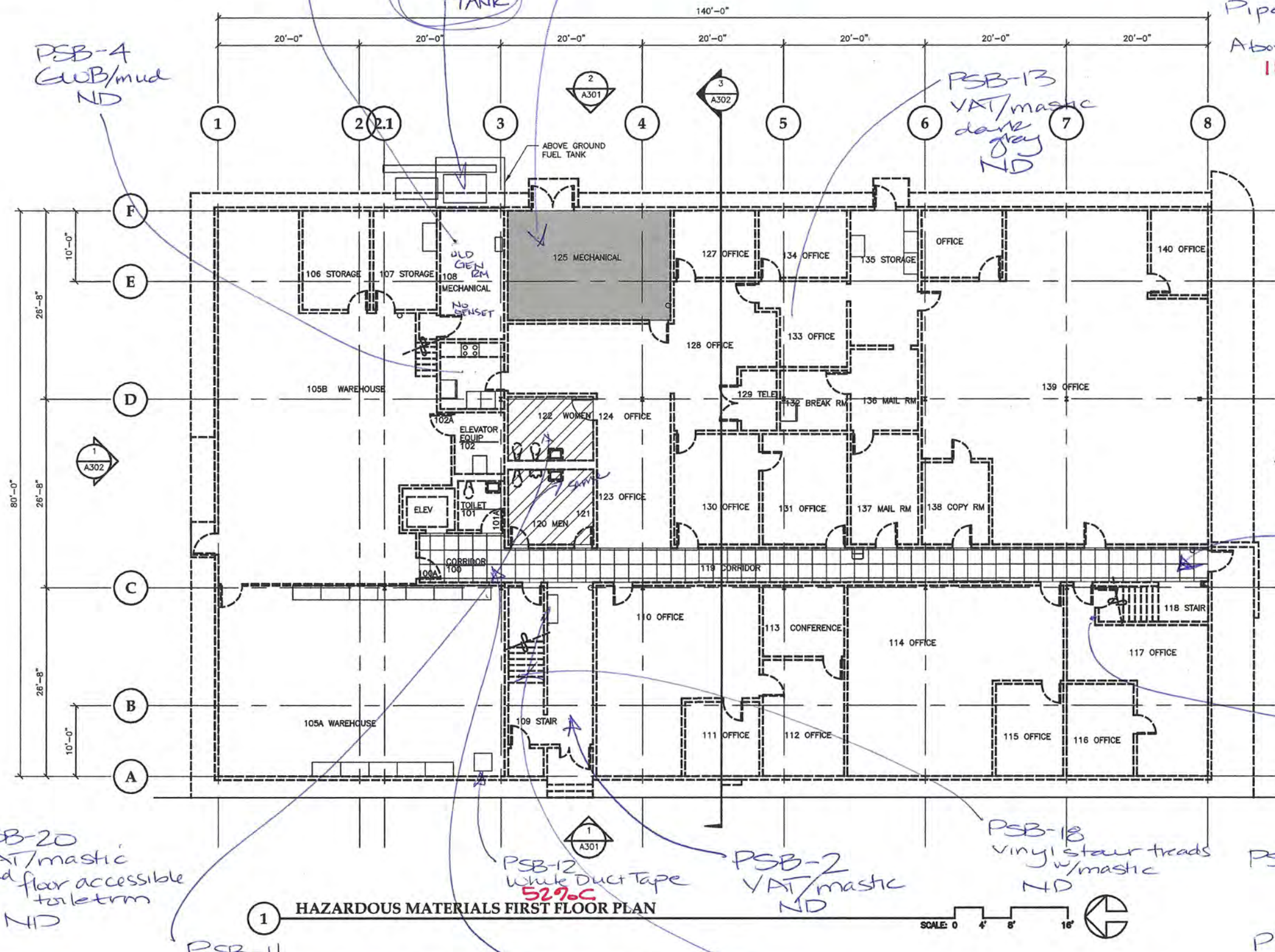
PSB-7
Pipe TSI (white)
above boiler
5% C

PSB-8
Pipe TSI
(yellow)
Above boiler
11% C

FUEL TANK

PSB-4
GWB/mud
ND

PSB-13
VAT/mastic
dark gray
ND



PSB-1
VAT/mastic
Mastic 3% C

PSB-3
GWB/mud
ND

PSB-20
VAT/mastic
2nd floor accessible toilet rm
ND

PSB-12
White Duct Tape
52% C

PSB-2
VAT/mastic
ND

PSB-18
Vinyl Staur treads
w/mastic
ND

PSB-14: SV/mastic
2nd floor toilet rms
ND

PSB 15-17: 2nd floor
GWB/mud
ND

1 HAZARDOUS MATERIALS FIRST FLOOR PLAN
SCALE: 0 4' 8' 16'

PSB-11
Sheet vinyl/mastic
Mastic 3% C

PSB-21
SV/mastic
2nd floor
Mens toilet Rm
ND

PSB-9
VAT/mastic
grey patched areas
ND

PSB-19: Cove base
w/mastic
ND

JUNEAU PUBLIC SAFETY BUILDING
HAZARDOUS MATERIALS SAMPLE LOCATIONS & RESULTS

SECTION 00005 - TABLE OF CONTENTS

DIVISION 0 - BIDDING AND CONTRACT REQUIREMENTS, CONTRACT FORMS, AND CONDITIONS OF THE CONTRACT

SPECIFICATIONS

DRAWINGS

END OF SECTION

SPECIAL PROVISIONS

The Standard Specifications for Civil Engineering Projects and Subdivision Improvements December 2003 Edition, with sixteen Errata Sheets, as published by the City and Borough of Juneau, is part of these Contract Documents and shall pertain to all phases of the contract. The Standard Specifications for Civil Engineering Projects and Subdivision Improvements December 2003 Edition, with two Errata Sheets, is available for a fee from the City and Borough of Juneau Engineering Contracts Office, (907) 586-0490, or you may view them online at: www.juneau.org/engineering.

Special Provisions - Table of Contents

***Add** the following Section:*

SECTION 02801 – ASPHALT CONCRETE PAVEMENT, PART 1 - GENERAL, Article 1.1, DESCRIPTION, ***revise** paragraph B as follows:*

B. Asphaltic concrete mix for this Project shall be Type IIA, Class B.

SECTION 02801 – ASPHALT CONCRETE PAVEMENT, PART 1 – GENERAL, Article 1.1, DESCRIPTION, ***revise*** TABLE 02801-1, ASPHALTIC CONCRETE MIX REQUIREMENTS, *as follows:*

Design Parameters	Class A	Class B
Voids in total mix, percent	2.5 – 4.0	2.5 – 4.0%
Percent oil content	6.0 – 6.8	6.0 – 6.8%

SECTION 02801 – ASPHALT CONCRETE PAVEMENT, PART 2 – PRODUCTS, Article 2.1, COMPOSITION OF ASPHALT CONCRETE MIXTURES – JOB MIX DESIGN, paragraph C., ***delete** subparagraph 6 and **replace** with the following:*

6. The mix design shall be 50 blow Marshall Method.

SECTION 02801 – ASPHALT CONCRETE PAVEMENT, PART 2 - PRODUCTS, Article 2.3, ASPHALT MATERIALS, ***revise** paragraph B as follows:*

B. Asphalt cement shall be designated PG 58-28 Plus.

SECTION 02801 – ASPHALT CONCRETE PAVEMENT, PART 2 - PRODUCTS, **add** the following section:

2.6 RECLAIMED ASPHALT PAVEMENT

A. Reclaimed Asphalt Pavement (RAP) may be used in the asphalt mix up to 20% of the total mix.

B. RAP will be available at no cost from the CBJ Lemon Creek Stockpile. The contractor will notify Alec Venechuk, CBJ Pits and Quarries Manager, 586-0874, of quantity needed, to coordinate access and for Lemon Creek Gravel Pit permit compliance requirements, prior to taking any RAP. The Contractor shall weigh each load at the CBJ scales and record on a CBJ scale ticket. The CBJ makes no guarantees of the quantity or quality of the RAP.

C. The Contractor shall provide a mix design showing the inclusion of the specified percentage of RAP according to the mix design requirements in this section.

D. Use of RAP in the Contractor's asphalt mix does not nullify any of the other specification requirements or associated asphalt quality deductions.

SECTION 02801 – ASPHALT CONCRETE PAVEMENT, PART 3 - EXECUTION, Article 3.8, SPREADING AND PLACING, ***delete** paragraph H and **replace** with the following:*

H. Manhole frame and covers and water valve boxes shall be set to final grade in accordance to CBJ Standard 205 – MANHOLE HEIGHTS, prior to paving operations. If the cover lugs or frame, whichever is higher, does not meet the required depression range following the finish paving operations, the CONTRACTOR shall construct a transition slab with asphalt pavement overlay, per CBJ Standard 126 – CONCRETE COLLAR or as approved by the Engineer, at no additional cost to the OWNER.

SECTION 02801 -- ASPHALT CONCRETE PAVEMENT, PART 3 – EXECUTION, Article 3.10, JOINTS, ***add*** *the following paragraph:*

J. All joints with existing asphalt pavement shall be resealed with asphalt cement after the new pavement has cooled to ambient temperature. All joints with concrete gutters found to have a gap shall be blown out using a weed burner torch, filled with asphalt cement and covered with a layer of dry sand. Excess sand shall be removed and asphalt cement placed on the concrete gutter more than one-inch from the edge of gutter shall be removed using solvent or other approved methods.

SECTION 02801 – ASPHALT CONCRETE PAVEMENT, PART 3 – EXECUTION, Article 3.13, Acceptance Sampling and Testing, ***add*** *the following paragraph:*

K. For each lot of asphalt pavement produced, at least two (2) samples shall be taken by the CONTRACTOR for purposes of acceptance testing by the OWNER. The CONTRACTOR shall split the sample with the OWNER to retain a portion for their use. The sample shall be taken according to proper sampling methods, from the asphalt pavement on the grade.

The deduction amounts will be determined from the OWNER's acceptance testing results. The values will be calculated by averaging the amount of the absolute value of the two tests outside the job mix design tolerance (the difference between the actual test result and the job mix design tolerance range). A test value within the job mix design tolerance will be considered a zero (0) value for averaging the two values. Deduction from the asphalt pavement pay item shall be made at the following amounts:

1. #200 Sieve: the greater of either 1.0% the contract price for asphalt pavement placed within the sampled lot or $500 per each 0.1% outside the job mix design tolerance, not exceeding 6% maximum, of the percent passing the #200 sieve. The allowable tolerance for this Contract shall be +/-1.0% of the target mix design and shall not exceed the content limits specified in this Contract.

2. Asphalt Content: the greater of either 1.0% of the contract price for asphalt pavement placed within the sampled lot or $500 per each 0.1% outside the allowable job mix design asphalt content tolerance. The allowable asphalt content tolerance for this Contract shall be +/- 0.4% of the target job mix design asphalt content and shall not exceed the asphalt oil content limits specified in this Contract.

The pay deductions for exceeding the job mix design tolerances does not constitute acceptance of a mix that does not meet the specifications. Variations that are excessively large in a lot may be considered for larger deductions or non-payment. Further

acceptance testing will be performed to determine if the asphalt pavement specifications have been met. No payment for asphalt pavement will be made for asphalt pavement exceeding job mix design tolerances, or not meeting asphalt pavement specifications, until additional testing determines whether the asphalt pavement meets all other specifications.

For the purposes of this Contract, one lot of asphalt pavement is defined as 500 tons, or a single day's asphalt pavement production of at least 100 tons.

END OF SECTION

END OF SPECIAL PROVISIONS

SECTION 323002 - PAINTED TRAFFIC MARKINGS

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. The WORK under this Section includes providing all labor, materials, tools and equipment necessary for furnishing and placing painted traffic markings as shown on the Drawings. Striping of the parking lot is part of Project Additive Alternate 08.

B. Details not shown on the Drawings shall be in conformity with the latest edition of the Manual of Uniform Traffic Control Devices (MUTCD) and the Alaska Traffic Manual Supplement published by the Alaska Department of Transportation and Public Facilities.

PART 2 – PRODUCTS

2.1 MATERIAL

A. Paint for traffic markings shall use one of the following:

1. AASHTO M 248, Type F (Alkyd Resin), or
2. FSS TT-P-19D(1) Paint, Latex (Acrylic Emulsion, Exterior), or
3. The current State of Alaska DOT&PF maintenance specification for pavement marking paint.

B. Paint for concrete shall meet FSS TT-P-19D(1) Paint, Latex (Acrylic Emulsion, Exterior).

PART 3 – EXECUTION

3.1 GENERAL

A. Lines shall be applied as shown on the Drawings.

B. Gaps not marked as a result of template use for spray-applied auxiliary markings shall be filled with marking material after template removal.

C. Pavement markings shall be free of uneven edges, overspray, or other readily visible defects which detract from the appearance or function of the pavement markings.

D. Methods and equipment used for pavement preparation and marking removal shall be subject to the approval of the ENGINEER.

E. Other construction WORK, such as shoulder paving, topsoil placement and grading, and seeding, shall be scheduled and performed in a manner to avoid damage to applied pavement markings.

3.2 PAVEMENT PREPARATION

A. The CONTRACTOR shall clean all visible loose or foreign material from the surface to be marked. The pavement marking equipment shall be equipped with an air jet to remove all debris from the pavement in advance of the applicator gun. The air jet shall operate when marking material is being applied and be synchronized with marking material application.

B. Pavement markings shall be applied only when the surface is clean and dry. The CONTRACTOR shall power broom clean all surfaces where edge lines are to be applied. When required by the ENGINEER, other surfaces shall also be power broom cleaned.

C. Marking shall not be applied to Portland cement concrete until the concrete in the areas to be marked is clean of membrane curing material and is dry.

3.3 LAYOUT AND PREMARKING

A. The CONTRACTOR shall lay out the locations of all lines, words and other symbols to ensure their proper placement. The layout and premarking lines shall be approved by the ENGINEER before marking operations are started. When applying longitudinal or transverse lines, the CONTRACTOR shall use existing lines, construction joints or premarking to guide this marking equipment.

3.4 LINE TYPES

A. Accessible parking stall and access aisle stripes shall be 4-inch wide, solid blue.

B. Parking lot stall marking lines shall be continuous white stripes, four inches in width.

C. Lane arrows and letters shall be white markings, with a minimum rate of application of 0.01 gallon per square foot of markings.

3.5 EQUIPMENT AND APPLICATION OF PAINTED TRAFFIC MARKINGS

A. The markings shall be applied by machine methods acceptable to the ENGINEER. The paint machine shall be of the spray type capable of satisfactorily applying the paint under pressure with uniformity of feed through nozzles spraying directly upon the pavement. Each machine shall be capable of applying two separate stripes, either solid or skip, at the same time. Each paint tank shall be equipped with a mechanical agitator. Each nozzle shall be equipped with satisfactory cutoff valves which will apply broken or skip lines automatically. Each nozzle shall have a mechanical bead dispenser that will operate simultaneously with the spray nozzle and distribute the beads in a uniform pattern at the rate specified. Each nozzle shall also be equipped with suitable line guides consisting of metallic shrouds or air blasts.

B. The paint shall be thoroughly mixed prior to application, and shall be applied when the air temperature is above 40° F and rising, to a clean and dry surface

C. The painted area shall be protected from traffic until the paint is thoroughly dry.

3.6 REMOVAL OF PAVEMENT MARKINGS

A. When indicated on the Drawings, pavement markings shall be removed. The markings shall be removed by high-pressure water blast, sand blast, high temperature burning with excess oxygen, or other methods, with the approval of the ENGINEER. Care shall be exercised during marking removal not to scar, discolor or otherwise damage the pavement surface. Overpainting or other methods of covering markings in lieu of removal shall not be permitted.

END OF SECTION