



**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION**

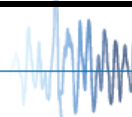
APPLICATION FOR OSHPD PREAPPROVED AGENCY (OPAA) FOR STRUCTURAL TESTS AND SPECIAL INSPECTIONS		For Office Use Only		
		OPAA -0006-19		
Approved Agency	City	County	State	ZIP Code
Moore Twining Associates, Inc.	Fresno	Fresno	CA	93721

APPLICATION TYPE / FEE		
Application Type	New Application Fee (Fees are Nonrefundable)	Renewal Fee (Fees are Nonrefundable)
<input checked="" type="checkbox"/> Combined Testing AND Special Inspection Agency	<input type="checkbox"/> \$1,000.00	<input checked="" type="checkbox"/> \$500.00
<input type="checkbox"/> Testing Agency ONLY	<input type="checkbox"/> \$500.00	<input type="checkbox"/> \$250.00
<input type="checkbox"/> Special Inspection Agency ONLY	<input type="checkbox"/> \$500.00	<input type="checkbox"/> \$250.00

APPLICANT INFORMATION	
Applicant Name Michael Shwiyhat	Position in the Organization Materials Testing Division Manger
Agency's Local Name Moore Twining Associates, Inc.	Application Date 06-03-2020
Phone Number 559-268-7021	E-Mail MichaelS@Mooretwining.com
Applicant certifies that all information provided in this application are accurate.	Applicant Signature

Address of Facility Location <i>(Each facility location requires separate application.)</i>			
Street 2527 Fresno Street			
City: Fresno	County: Fresno	State: CA	Zip Code: 93721
Facility Mailing Address <i>(If different from facility address above.)</i>			
Street			
City:		State:	Zip Code:

KEY AGENCY PERSONNEL <i>(Attach additional pages if needed.)</i>		
Engineering Manager <i>(or equivalent)</i> – Name: Read Andersen	CA Registration Number: RCE – 60725, RGE - 2810	Expiration Date 12/31/2020
Title in the Organization: Geotechnical Division Manager	Phone Number 559-268-7021	
FAX Number 559-268-7126	E-Mail ReadA@Mooretwining.com	
Alternate to Engineering Manager <i>(if any)</i> – Name : Harry Moore	CA Registration Number RCE – 35147, RGE - 2069	Expiration Date 09/30/2021; 09/30/2021
Title in the Organization: President	Phone Number 559-268-7021	
Alternate Phone Number:	E-mail Harrym@Mooretwining.com	

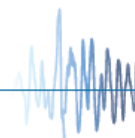




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KEY TESTING PERSONNEL (Attach additional pages if needed.)		
Testing Supervisor – Name Michael Shwyhat	CA Registration Number (if any) N/A	Expiration Date N/A
Title in the Organization Materials Testing Division Manager	Phone Number 559-268-7021	
Alternate Phone Number	E-Mail Michaels@mooretwining.com	
Field Testing Supervisor – Name Travis Meyer	CA Registration Number (if any) N/A	Expiration Date N/A
Title in the Organization Area Supervisor	Phone Number 559-268-7021	
Alternate Phone Number 951-545-8435	E-mail TravisM@Mooretwining.com	

KEY SPECIAL INSPECTIONS PERSONNEL (Attach additional pages if needed.)		
Special Inspections Supervisor – Name Travis Meyer	CA Registration Number (if any) N/A	Expiration Date N/A
Title in the Organization Area Supervisor	Phone Number 559-268-7021	
Alternate Phone Number 951-545-8435	E-Mail TravisM@Mooretwining.com	
Field Special Inspection Supervisor – Name Travis Meyer	CA Registration Number (if any) N/A	Expiration Date N/A
Title in the Organization Area Supervisor	Phone Number 559-268-7021	
Alternate Phone Number 951-545-8425	E-mail TravisM@Mooretwining.com	





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ACCREDITATION AND QUALIFICATIONS

Agency currently holds accreditation by: *(Attach a copy of current accreditation details.)*

- | | |
|--|--|
| <input checked="" type="checkbox"/> AASHTO Accreditation Program (AAP) | <input type="checkbox"/> National Voluntary Laboratory Accreditation Program (NVLAP) |
| <input type="checkbox"/> International Accreditation Service (IAS) | <input type="checkbox"/> American Association of Laboratories Program (A2LA) |
| <input type="checkbox"/> Laboratory Accreditation Program (LAB) | <input type="checkbox"/> Construction Materials Engineering Council (CMEC) |
| <input type="checkbox"/> ANSI-ASQ National Accreditation Board | <input checked="" type="checkbox"/> Other <u>US Army Corps of Engineers</u> |

Latest Expiration Date *(if any)* _____

Is this Agency accepted in the Division of the State Architect Laboratory Evaluation and Acceptance Program, DSA-LEA?

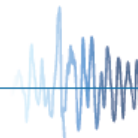
- No Yes Expiration Date; DSA #: 05-29-2020; Extended to 06-28-2021; LEA 065

Basis for accreditation *(Check all that apply):*

- ISO/IEC 17025: General requirements for competence of testing and calibration laboratories
- ISO/IEC 17020: General requirements for the operation of various types of bodies performing inspection
- NISTIR 7012: Technical requirements for construction materials testing
- AASHTO R18: Standard Recommended Practice for Establishing and Implementing a Quality System for Construction Materials Testing Laboratories
- ASTM E 329: Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction
- ASTM C 1077: Practice for Laboratories Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation
- ASTM D 3666: Specification for Minimum Requirements for Agencies Testing and Inspecting Bituminous Paving Materials
- ASTM D 3740: Practice for Evaluation of Agencies Engaged in Testing and/or Inspections of Soils and Rock as Used Engineering Design and Construction
- ASTM C 1093: Practice for Accreditation of Testing Agencies for Unit Masonry
- ASTM E 1212: Practice for Quality Management Systems for *Nondestructive Testing (NDT)* Agencies
- ASTM E 543: Specification for Agencies Performing *Nondestructive Testing (NDT)*
- IAS AC 291: Accreditation Criteria for Special Inspection Agency

Basis for Test Technician/Special Inspector Qualification *(Check all that apply):*

- Hospital inspector class "A", "B", or "C" certification
- DSA-LEA approval as test Technician/special inspector
- Certification listed in IAS AC 291 Table 1: Minimum Qualifications for Special Inspectors
- Welding inspectors satisfying the requirements of the CBC 2019 Section 1705A.2.5
- California licensed engineer qualified to be test technician/special inspector





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APPLICABLE TEST STANDARDS FOR WHICH AGENCY IS APPROVED

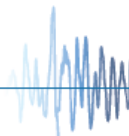
By checking "yes" in Tables 1 through 6 below, the applicant verifies that the agency has the equipment and qualified personnel to perform the indicated testing. **ONLY mark tests that are listed in accreditation certificate or DSA-LEA.**

1 SOILS AND FOUNDATIONS

Tests					
Yes	Standard	Test Procedure	Yes	Standard	Test Procedure
<input checked="" type="checkbox"/>	a. ASTM D 421	Dry Prep of Soil	<input checked="" type="checkbox"/>	b. ASTM D 422	Particle Size Analysts
<input checked="" type="checkbox"/>	c. ASTM D 558	Moisture Density of Soil Cement Mixtures	<input checked="" type="checkbox"/>	d. ASTM D 698	Compaction of Soil-Standard
<input type="checkbox"/>	e. ASTM D 854	Specific Gravity of Soil	<input checked="" type="checkbox"/>	f. ASTM D 1140	No. 200 Wash
<input type="checkbox"/>	g. ASTM D 1143	Deep Foundations – Axial Compression	<input checked="" type="checkbox"/>	h. ASTM D 1556	Density of Soils – Sand Cone
<input checked="" type="checkbox"/>	i. ASTM D 1557	Soil Compaction – Modified	<input checked="" type="checkbox"/>	j. ASTM D 1883	CBR Lab. Compacted Soils
<input checked="" type="checkbox"/>	k. ASTM D 2166	Unconfined Compressive Strength/Moisture content	<input checked="" type="checkbox"/>	l. ASTM D 2216	Water Content of Soil
<input checked="" type="checkbox"/>	m. ASTM D 2419	Sand Equivalent Value	<input checked="" type="checkbox"/>	n. ASTM D 2434	Permeability of Granular Soils
<input checked="" type="checkbox"/>	o. ASTM D 2435	Consolidation Test	<input checked="" type="checkbox"/>	p. ASTM D 2487	Classification of Soils
<input checked="" type="checkbox"/>	q. ASTM D 2488	Identification of Soil (Visual)	<input checked="" type="checkbox"/>	r. ASTM D 2844	Resistance R-Value & Exp. Pressure
<input type="checkbox"/>	s. ASTM D 2850	Unconsolidated, Undrained Triaxial	<input checked="" type="checkbox"/>	t. ASTM D 2974	Organic Content
<input checked="" type="checkbox"/>	u. ASTM D 3080	Direct Shear	<input type="checkbox"/>	v. ASTM D 3441	Cone Penetration Test (CPT)
<input type="checkbox"/>	w. ASTM D 3689	Deep Foundations – Axial Tension	<input checked="" type="checkbox"/>	x. ASTM D 3744	Durability Index
<input type="checkbox"/>	y. ASTM D 3966	Deep Foundations –Lateral Loads	<input checked="" type="checkbox"/>	z. ASTM D 4318	Liquid I Plastic Limit
<input type="checkbox"/>	aa. ASTM D 4546	Swell or Collapse Test	<input type="checkbox"/>	bb. ASTM D 4643	Microwave Moisture of Soils
<input checked="" type="checkbox"/>	cc. ASTM D 4718	Oversize Rock Correction	<input type="checkbox"/>	dd. ASTM D 4767	Triaxial Compression
<input checked="" type="checkbox"/>	ee. ASTM D 4829	Expansion Index	<input type="checkbox"/>	ff. ASTM D 4945	Deep Foundations – Dynamic Testing
<input checked="" type="checkbox"/>	gg. ASTM D 5084	Permeability of Soils	<input type="checkbox"/>	hh. ASTM D 5778	Friction Cone and Piezocone Penetration Test
<input type="checkbox"/>	ii. ASTM D 6913	Gradation of Soil Using Sieve Analysis	<input checked="" type="checkbox"/>	jj. ASTM D 6938	Density of Soils – Nuclear Gage
<input type="checkbox"/>	kk. ASTM D 7012	Triaxial Compressive Strength of Rock Core Specimens	<input type="checkbox"/>	ll.	
<input type="checkbox"/>	mm.		<input type="checkbox"/>	nn.	

Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.

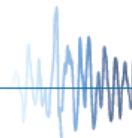
Yes	Standard	Test Procedure	Yes	Standard	Test Procedure
<input type="checkbox"/>	a.		<input type="checkbox"/>	b.	
<input type="checkbox"/>	c.		<input type="checkbox"/>	d.	
<input type="checkbox"/>	e.		<input type="checkbox"/>	f.	





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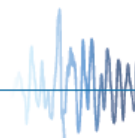
2		CONCRETE					
Tests							
Yes	Standard	Test Procedure	Yes	Standard	Test Procedure		
<input checked="" type="checkbox"/>	a.	AASHTO M 201	Moisture Rooms	<input type="checkbox"/>	b.	ACI 355.2	Post-Installed Mechanical Anchors
<input type="checkbox"/>	c.	ACI 355.4	Adhesive Anchors	<input type="checkbox"/>	d.	ACI 374.1	Moment Frames
<input type="checkbox"/>	e.	ACI ITG-5.1	Post-Tensioned Precast Special Walls	<input type="checkbox"/>	f.	ASTM A 416	Steel Strand
<input checked="" type="checkbox"/>	g.	ASTM A 615	Tension Test; see Table 4(d)	<input checked="" type="checkbox"/>	h.	ASTM A 706	Tension and Bend; see Table 4 (d)
<input type="checkbox"/>	i.	ASTM A 970	Headed Steel Bars - Bend	<input type="checkbox"/>	j.	ASTM A 1034	Rebar Mechanical Splices
<input checked="" type="checkbox"/>	k.	ASTM C 29	Unit Weight I Voids	<input checked="" type="checkbox"/>	l.	ASTM C 31	Concrete Sampling - Field
<input type="checkbox"/>	m.	2019 CBC §1903A.5(1); ASTM C33 Appendix X1.3	Evaluating Potential for Deleterious Expansion Due to Alkali Reactivity of an Aggregate.	<input checked="" type="checkbox"/>	n.	ASTM C 39	Compressive Strength
<input checked="" type="checkbox"/>	o.	ASTM C 40	Organic Impurities	<input checked="" type="checkbox"/>	p.	ASTM C 42	Concrete Core
<input checked="" type="checkbox"/>	q.	ASTM C 78	Flexural Strength	<input checked="" type="checkbox"/>	r.	ASTM C 88	Sodium Sulfate Soundness
<input checked="" type="checkbox"/>	s.	ASTM C 117	No. 200 Wash	<input checked="" type="checkbox"/>	t.	ASTM C 127	Specific Gravity - Coarse
<input checked="" type="checkbox"/>	u.	ASTM C 128	Specific Gravity - Fine	<input checked="" type="checkbox"/>	v.	ASTM C 131	Degradation of Aggregate
<input checked="" type="checkbox"/>	w.	ASTM C 136	Sieve Analysis Course I Fine	<input checked="" type="checkbox"/>	x.	ASTM C 138	Density I Yield I Air Content
<input checked="" type="checkbox"/>	y.	ASTM C 142	Clay I Friable Particles	<input checked="" type="checkbox"/>	z.	ASTM C 143	Slump
<input type="checkbox"/>	aa.	ASTM C 157	Length Change	<input checked="" type="checkbox"/>	bb.	ASTM C 172	Sampling Freshly Mixed Concrete
<input checked="" type="checkbox"/>	cc.	ASTM C 173	Air Content (V)	<input checked="" type="checkbox"/>	dd.	ASTM C 174	Measuring Thickness Using Drilled Concrete Cores
<input type="checkbox"/>	ee.	ASTM C 192	Making I Curing Specimens - Lab	<input checked="" type="checkbox"/>	ff.	ASTM C 231	Air Content (P)
<input type="checkbox"/>	gg.	ASTM C 295	Petrographic Analysis	<input checked="" type="checkbox"/>	hh.	ASTM C 495	Lightweight Concrete
<input type="checkbox"/>	ii.	ASTM C 496	Splitting Tensile	<input checked="" type="checkbox"/>	jj.	ASTM C 511	Moist Cure Rooms/Tanks
<input checked="" type="checkbox"/>	kk.	ASTM C 535	LA Abrasion	<input checked="" type="checkbox"/>	ll.	ASTM C 566	Moisture Content of Aggregate
<input checked="" type="checkbox"/>	mm.	ASTM C 567	Density of Lightweight Aggregate	<input checked="" type="checkbox"/>	nn.	ASTM C 617	Capping Concrete Specimens
<input checked="" type="checkbox"/>	oo.	ASTM C 702	Reducing Aggregate Samples	<input checked="" type="checkbox"/>	pp.	ASTM C 1064	Temperature
<input checked="" type="checkbox"/>	qq.	ASTM C 1140	Shotcrete Compression	<input checked="" type="checkbox"/>	rr.	ASTM C 1231	Unbonded Caps
<input checked="" type="checkbox"/>	ss.	ASTM C 1252	Uncompacted Void Content	<input type="checkbox"/>	tt.	ASTM C 1260	Alkali Reactivity of Aggregate
<input type="checkbox"/>	uu.	ASTM C 1293	Length Change due to Alkali-Silica Reaction	<input checked="" type="checkbox"/>	vv.	ASTM C 1542	Measuring Length of Cores
<input type="checkbox"/>	ww.	ASTM C 1602	Water	<input checked="" type="checkbox"/>	xx.	ASTM C 1604	Shotcrete Core
<input checked="" type="checkbox"/>	yy.	ASTM D 75	Sampling Aggregate	<input checked="" type="checkbox"/>	zz.	ASTM D 1560	Stabilometer Value
<input checked="" type="checkbox"/>	aaa.	ASTM D 1561	Prep for HMA Test Specimens	<input checked="" type="checkbox"/>	bbb.	ASTM D 2041	Maximum Theo. Specific Gravity
<input checked="" type="checkbox"/>	ccc.	ASTM D 2419	Sand Equivalent Value	<input checked="" type="checkbox"/>	ddd.	ASTM D 2726	Specific Gravity of Marshall Sample
<input checked="" type="checkbox"/>	eee.	ASTM D 2950	In-Situ Density with Nuc. Gauge	<input type="checkbox"/>	fff.	ASTM D 3039	Tensile Strength of FRP





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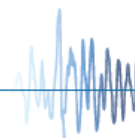
2		CONCRETE (Continued)					
Tests							
Yes	Standard		Test Procedure	Yes	Standard		Test Procedure
<input checked="" type="checkbox"/>	ggg.	ASTM D 3744	Aggregate Durability Index	<input checked="" type="checkbox"/>	hhh.	ASTM D 3203	Percent Air Voids in Compacted Asphalt Mixtures
<input type="checkbox"/>	iii.	ASTM D 4541	Pull-Off Strength of Coatings (FRP)	<input checked="" type="checkbox"/>	jjj.	ASTM D 5444	Sieve Analysis of Extracted Aggregate
<input checked="" type="checkbox"/>	kkk.	ASTM D 4791	Flat Elongated Pieces in Aggregate	<input checked="" type="checkbox"/>	lll.	ASTM D 6307	Asphalt Content by Ignition
<input checked="" type="checkbox"/>	mmm.	ASTM D 5821	Percent Crushed Particles	<input checked="" type="checkbox"/>	nnn.	ASTM D 6927	Marshall Stability & Flow of Asphalt Mixtures
<input checked="" type="checkbox"/>	ooo.	ASTM D 6926	Prep of Asphalt Mixture Specimens Using Marshal Apparatus	<input type="checkbox"/>	ppp.	ASTM D7565	Determining Tensile Properties of FRP Matrix Composites Used for Strengthening of Civil Structures
<input type="checkbox"/>	qqq.	ASTM D 7522	Pull-Off Strength for FRP Laminate Systems Bonded to Concrete Substrate	<input type="checkbox"/>	rrr.	ASTM E 488	Strength of Anchors in Concrete Elements
<input type="checkbox"/>	sss.	ASTM E 1190	Strength of Power-Actuated Fasteners Installed in Structural Members	<input checked="" type="checkbox"/>	ttt.	ASTM E 1512	Testing Bond Performance of Bonded Anchors
<input type="checkbox"/>	uuu.	ICC-ES AC 193	Anchors in Concrete	<input type="checkbox"/>	vvv.	ICC-ES AC 232	Anchor Channels in Concrete
<input type="checkbox"/>	www.	ICC-ES AC 308	Adhesive Anchors in Concrete	<input type="checkbox"/>	xxx.	ICC-ES AC 395	Headed Shear Stud Reinforcement
<input type="checkbox"/>	yyy.	ICC-ES AC 398	Cold Formed Steel Connectors in Concrete for Light-Frame Construction	<input type="checkbox"/>	zzz.	ICC-ES AC 399	Cast-in-Place Bolts in Concrete for Light-Frame Construction
<input checked="" type="checkbox"/>	aaaa.	ICC-ES AC 446	Headed Cast-In Specialty Inserts in Concrete	<input type="checkbox"/>			
<i>Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>							
Yes	Standard		Test Procedure	Yes	Standard		Test Procedure
<input type="checkbox"/>	a.			<input type="checkbox"/>	b.		
<input type="checkbox"/>	c.			<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		





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3 MASONRY							
Tests							
Yes	Standard/Code Reference		Test Procedure	Yes	Standard/Code Reference		Test Procedure
<input checked="" type="checkbox"/>	a.	ASTM C 39	Core Compressive Strength	<input checked="" type="checkbox"/>	b.	ASTM C 140	Absorption, Compressive Strength, Unit Weight, Dimensions & Moisture Content
<input checked="" type="checkbox"/>	c.	ASTM C 426	Linear Drying Shrinkage	<input checked="" type="checkbox"/>	d.	ASTM C 780	Mortar Compressive Strength
<input checked="" type="checkbox"/>	e.	ASTM C 1019	Sampling and Testing Grout (Compressive Strength)	<input checked="" type="checkbox"/>	f.	ASTM C 1314	Compressive Strength of Masonry Prism
<input checked="" type="checkbox"/>	g.	ASTM C 1552	Capping CMU, Related Units & Masonry Prisms for Compression Testing	<input type="checkbox"/>	h.	ASTM E 384	Micro-indentation Hardness
<input checked="" type="checkbox"/>	i.	CBC 2105A	Mortar Sampling	<input checked="" type="checkbox"/>	j.	CBC 2105A	Core Shear
<input type="checkbox"/>	k.	ICC-ES AC 01	Anchor in Masonry	<input type="checkbox"/>	l.	ICC-ES AC 58	Adhesive Anchors
<input type="checkbox"/>	m.	ICC-ES AC 106	Screw Anchors in Masonry	<input type="checkbox"/>	n.		
<input type="checkbox"/>	o.			<input type="checkbox"/>	p.		
<input type="checkbox"/>	q.			<input type="checkbox"/>	r.		
<input type="checkbox"/>	s.			<input type="checkbox"/>	t.		
<i>Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>							
Yes	Standard/Code Reference		Test Procedure	Yes	Standard/Code Reference		Test Procedure
<input type="checkbox"/>	a.			<input type="checkbox"/>	b.		
<input type="checkbox"/>	c.			<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		

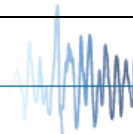




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4 STEEL							
Tests							
Yes	Standard/Code Reference		Test Procedure	Yes	Standard/Code Reference		Test Procedure
<input type="checkbox"/>	a.	AISC 341 Section K2	Beam to Column Moment & EBF Connections Cyclic Tests	<input type="checkbox"/>	b.	AISC 341 Section K3	BRBF Cyclic Tests
<input type="checkbox"/>	c.	ASTM A 90	Weight of Coating	<input checked="" type="checkbox"/>	d.	ASTM A 370	Tension & Bend Test
<input type="checkbox"/>	e.	ASTM A 970	Headed Steel Bars Bend Test	<input type="checkbox"/>	f.	ASTM A 1061	Uncoated Seven-Wire Tension
<input type="checkbox"/>	g.	ASTM A 1064	Steel Wire Tension & Bend Test	<input type="checkbox"/>	h.	ASTM E 10	Brinell Hardness
<input type="checkbox"/>	i.	ASTM E 18	Rockwell Hardness	<input type="checkbox"/>	j.	ASTM E 23	Charpy V - Notch
<input type="checkbox"/>	k.	ASTM E 94	Radiographic	<input checked="" type="checkbox"/>	l.	ASTM E 164	Ultrasonic
<input checked="" type="checkbox"/>	m.	ASTM E 165	Liquid Penetrant	<input checked="" type="checkbox"/>	n.	ASTM E 190	Guided Bend
<input checked="" type="checkbox"/>	o.	ASTM E 290	Bend Test	<input checked="" type="checkbox"/>	p.	ASTM E 605	Density of SFRM
<input checked="" type="checkbox"/>	q.	ASTM E 1444	Magnetic Particle	<input checked="" type="checkbox"/>	r.	ASTM F 606	Bolt Tension Test
<input checked="" type="checkbox"/>	s.	CBC 2203A	Material Identification	<input type="checkbox"/>	t.	ICC-ES AC 318	Tapping Screw Fasteners
<input type="checkbox"/>	u.	ICC-ES AC 322	Cold-formed Steel Vertical Assemblies	<input type="checkbox"/>	v.		
<i>Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>							
Yes	Standard/Code Reference		Test Procedure	Yes	Standard/Code Reference		Test Procedure
<input type="checkbox"/>	a.			<input type="checkbox"/>	b.		
<input type="checkbox"/>	c.			<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		

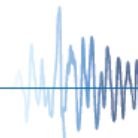
5 Wood and Roof Assemblies							
Tests							
Yes	Standard		Test Procedure	Yes	Standard		Test Procedure
<input type="checkbox"/>	a.	ASTM C 67	Brick and Structural Clay Roof Tiles	<input type="checkbox"/>	b.	ASTM D 1761	Fasteners in Wood
<input type="checkbox"/>	c.	ASTM D 2395	Density/Sp. Gr. Of Wood	<input type="checkbox"/>	d.	ASTM D 3617	Analysis of Built-Up Roof Systems
<input type="checkbox"/>	e.	ASTM D 4442	Moisture Content of Wood	<input type="checkbox"/>	f.	ASTM D 7147	Joist Hangers
<input type="checkbox"/>	g.	ASTM E 72	Panel Testing	<input type="checkbox"/>	h.	ASTM E 2126	Cyclic Testing of Panel for Shear
<input type="checkbox"/>	i.	ICC-ES AC 130	Wood Shear Panels	<input type="checkbox"/>	j.	ICC-ES AC 155	Hold-Down for Woods
<input type="checkbox"/>	k.	ICC-ES AC 233	Alternate Dowel-Type Threaded Fasteners	<input type="checkbox"/>	l.	ICC-ES AC 283	Plate Connector for Wood Trusses
<input type="checkbox"/>	m.			<input type="checkbox"/>	n.		
<i>Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>							
<input type="checkbox"/>	a.			<input type="checkbox"/>	b.		
<input type="checkbox"/>	c.			<input type="checkbox"/>	d.		





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6 COMPONENT, ASSEMBLY, PROTOTYPE & MISCELLANEOUS TESTING							
Tests							
Yes	Standard/Code Reference		Test Procedure	Yes	Standard/Code Reference		Test Procedure
<input type="checkbox"/>	a.	AAMA 501.4	Static Test for Curtain Wall and Storefront Systems	<input type="checkbox"/>	b.	AAMA 501.6	Dynamic Test for Curtain Wall and Storefront Systems
<input type="checkbox"/>	c.	ICC-ES AC 156	Shake Table Test	<input type="checkbox"/>	d.	FM 1950-16	Seismic Sway Brace Testing
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		
<input type="checkbox"/>	g.			<input type="checkbox"/>	h.		
<input type="checkbox"/>	i.			<input type="checkbox"/>	j.		
<i>Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>							
<input type="checkbox"/>	a.			<input type="checkbox"/>	b.		
<input type="checkbox"/>	c.			<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		

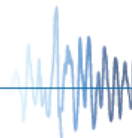




**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION**

7	TEST TECHNICIANS				
Provide Following Information for Each Test Technician Employed by the Agency (Attach additional sheets if needed)					
*To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required					
Test Technician's Name	Certification/ License Type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Dottie Hughes	Concrete Field-Testing Technician – Grade 1	ACI	00990345	09-21-2024	Full Time
Dottie Hughes	Nuclear Density Gauge Safety Certification	CPN	30765	N/A	Full Time
Ronnie Macari	Concrete Field-Testing Technician – Grade 1	ACI	01122696	05-25-2024	Full Time
Ronnie Macari	Nuclear Density Gauge Safety Certification	CPN	46214	N/A	Full Time
Patricio Villegas	Concrete Field-Testing Technician – Grade 1	ACI	01887838	09-21-2024	Full Time
Patricio Villegas	Nuclear Density Gauge Safety Certification	TROXLER	E227C0D5107A0D23	N/A	Full Time
Steve Youngdahl	Concrete Field-Testing Technician – Grade 1	ACI	00027282	06-06-2020	Full Time
Steve Youngdahl	Nuclear Density Gauge Safety Certification	TROXLER	N/A	N/A	Full Time
Tyler Street	Concrete Field-Testing Technician – Grade 1	ACI	01337104	10-13-2023	Full Time
Tyler Street	Nuclear Density Gauge Safety Certification	TROXLER	EE0BD3CC8B6D977F	N/A	Full Time
Charles Lewis	Concrete Field-Testing Technician – Grade 1	ACI	01111506	07-15-2022	Full Time
Charles Lewis	Nuclear Density Gauge Safety Certification	APNGA	LQM3XWjvs0	N/A	Full Time
Miguel Alcaraz	Soil – Lab Testing Technician.	In-House	NA	02-15-2021	Full Time
Marus Pena	Soil – Laboratory Testing Technician	In-House	NA	02-15-2021	Full Time
Marcus Pena	HMA - Laboratory Testing Technician	In-House	NA	04-27-2021	Full Time
Ruben Gomez	Concrete - Laboratory Testing Technician	In-House	NA	12/18/2021	Full Time
Ruben Gomez	Steel - Laboratory Testing Technician	In-House	NA	01-08-2021	Full Time
Ruben Gomez	Masonry - Laboratory Testing Technician	In-House	NA	02/08/2021	Full Time
Michael Shwiyhat	Concrete Strength Testing Technician	ACI	00987280	04-29-22	Full Time

Test Technicians with expired license shall not be permitted to perform Tests.

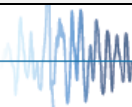




**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION**

7	TEST TECHNICIANS (Continued)				
Provide Following Information for Each Test Technician Employed by the Agency (Attach additional sheets if needed)					
*To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required					
Test Technician's Name	Certification/ License Type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Michael Shwiyhat	Soil – Laboratory Testing Technician	In-House	NA	04-17-2021	Full Time
Michael Shwiyhat	Concrete Laboratory Testing Tech- Level 1	ACI	00987280	12/15/2023	Full Time
Michael Shwiyhat	ACI Agg.. Level 1	ACI	00987280	12/15/2023	Full Time
Allen Raydon	NDT Level II Magnetic Particle Testing	NDT In-House (Certified by D. Stults)	1364	06/04/2024	Full Time
Allen Raydon	NDT Level II Liquid Penetrant Testing	NDT In-House (Certified by D. Stults)	1364	06/04/2024	Full Time
Allen Raydon	NDT Level II Ultrasonic Testing	NDT In-House (Certified by D. Stults)	1364	06/04/2024	Full Time
Dean Stults	NDT Level III Electromagnetic Testing	ASNT	57771	03/2025	Consultant
Dean Stults	NDT Level III Liquid Penetrant Testing	ASNT	57771	03/2025	Consultant
Dean Stults	NDT Level III Magnetic Particle Testing	ASNT	57771	03/2025	Consultant
Dean Stults	NDT Level III Radiographic Testing	ASNT	57771	03/2025	Consultant
Dean Stults	NDT Level III Ultrasonic Testing	ASNT	57771	03/2025	Consultant
Dean Stults	NDT Level III Visual Testing	ASNT	57771	03/2025	Consultant

Test Technicians with expired license shall not be permitted to perform Tests.





**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION**

APPLICABLE SPECIAL INSPECTIONS FOR WHICH AGENCY IS APPROVED

By checking "yes" in Tables 8 through 13 below, the applicant verifies that the agency has the equipment and qualified personnel to perform the indicated special inspections. **ONLY mark tests that are listed in accreditation certificate or DSA-LEA.**

8 SOILS AND FOUNDATIONS

Special Inspections (Qualified Representative of Responsible Geotechnical Engineer)

Yes	Code/Standard	Field and Types of Inspection	Yes	Code/Standard	Field and Types of Inspection
<input checked="" type="checkbox"/>	a. CBC 1705/1705A	Cast-in-place Deep Foundations	<input checked="" type="checkbox"/>	b. CBC 1705/1705A	Driven Deep Foundations
<input checked="" type="checkbox"/>	c. CBC 1705/1705A	Soils (Excavations and Fills)	<input type="checkbox"/>	d. CBC 1812A	Shoring
<input checked="" type="checkbox"/>	e. CBC 1813A	Ground Improvement	<input type="checkbox"/>	f.	
<input type="checkbox"/>	g.		<input type="checkbox"/>	h.	

Special Inspections that are in the agency's scope but are not listed above should be provided in the space(s) below.

Yes	Code/Standard	Field and Types of Inspection	Yes	Code/Standard	Field and Types of Inspection
<input type="checkbox"/>	a.		<input type="checkbox"/>	b.	
<input type="checkbox"/>	c.		<input type="checkbox"/>	d.	
<input type="checkbox"/>	e.		<input type="checkbox"/>	f.	

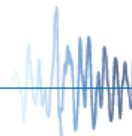
9 CONCRETE

Special Inspections

Yes	Code/Standard	Field and Types of Inspection	Yes	Code/Standard	Field and Types of Inspection
<input type="checkbox"/>	a. CBC 1705/1705A	Post-Installed Anchors	<input type="checkbox"/>	b. CBC 1705/1705A	Shotcrete
<input checked="" type="checkbox"/>	c. CBC 1705/1705A & ACI 318	Pre-Stressed Concrete	<input checked="" type="checkbox"/>	d. CBC 1705/1705A & ACI 318	Reinforced Cast-In-Place Concrete
<input checked="" type="checkbox"/>	e. CBC 1705/1705A & ACI 318	Reinforced Pre-Cast Concrete	<input checked="" type="checkbox"/>	f. CBC 1705/1705A and ASTM C94	Batch Plant
<input checked="" type="checkbox"/>	g. CBC 1705/1705A & AWS D1.4	Rebar Welding	<input type="checkbox"/>	h. CBC 1911A & ICC-ES AC 178	Fiber Reinforced Polymer (FRP) Composites
<input type="checkbox"/>	i.		<input type="checkbox"/>	j.	

Special Inspections that are in the agency's scope but are not listed above should be provided in the space(s) below.

Yes	Code/Standard	Field and Types of Inspection	Yes	Code/Standard	Field and Types of Inspection
<input type="checkbox"/>	a.		<input type="checkbox"/>	b.	
<input type="checkbox"/>	c.		<input type="checkbox"/>	d.	
<input type="checkbox"/>	e.		<input type="checkbox"/>	f.	

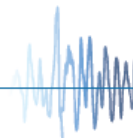




**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION**

10 MASONRY							
Special Inspections							
Yes	Code/Standard		Field and Types of Inspection	Yes	Code/Standard		Field and Types of Inspection
<input checked="" type="checkbox"/>	a.	CBC 1705/1705A & AWS D1.4	Rebar Welding	<input checked="" type="checkbox"/>	b.	CBC 1705/1705A & TMS 602	Masonry Placement
<input type="checkbox"/>	c.			<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		
Special Inspections that are in the agency's scope but are not listed above should be provided in the space(s) below.							
Yes	Code/Standard		Field and Types of Inspection	Yes	Code/Standard		Field and Types of Inspection
<input type="checkbox"/>	a.			<input type="checkbox"/>	b.		
<input type="checkbox"/>	c.			<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		

11 STEEL							
Special Inspections							
Yes	Code/Standard		Field and Types of Inspection	Yes	Code/Standard		Field and Types of Inspection
<input checked="" type="checkbox"/>	a.	CBC 1705/1705A	Fireproofing	<input checked="" type="checkbox"/>	b.	CBC 1705/1705A	Structural Cold-Formed Steel
<input checked="" type="checkbox"/>	c.	CBC 1705/1705A, AISC 360 & 341	High Strength Bolts	<input checked="" type="checkbox"/>	d.	CBC 1705/1705A, AISC 360 & 341	Steel Fabrication & Erection
<input checked="" type="checkbox"/>	e.	CBC 1705/1705A, AWS QC1, AISC 360 & 341	Welding	<input type="checkbox"/>	f.		
<input type="checkbox"/>	g.			<input type="checkbox"/>	h.		
Special Inspections that are in the agency's scope but are not listed above should be provided in the space(s) below.							
Yes	Code/Standard		Field and Types of Inspection	Yes	Code/Standard		Field and Types of Inspection
<input type="checkbox"/>	a.			<input type="checkbox"/>	b.		
<input type="checkbox"/>	c.			<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		

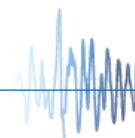




**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION**

12 Wood and Roof Assemblies							
Special Inspections							
Yes	Code/Standard		Field and Types of Inspection	Yes	Code/Standard		Field and Types of Inspection
<input type="checkbox"/>	a.	CBC 1705/1705A	Wood Construction	<input type="checkbox"/>	b.		
<input type="checkbox"/>	c.			<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		
<input type="checkbox"/>	g.			<input type="checkbox"/>	h.		
<i>Special Inspections that are in the agency's scope but are not listed above should be provided in the space(s) below.</i>							
<input type="checkbox"/>	a.			<input type="checkbox"/>	b.		
<input type="checkbox"/>	c.			<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		

13 NONSTRUCTURAL COMPONENTS AND MISCELLANEOUS SPECIAL INSPECTIONS							
Special Inspections							
Yes	Code/Standard		Field and Types of	Yes	Code/Standard		Field and Types of Inspection
<input type="checkbox"/>	a.	CBC 1705/1705A	Damping System	<input checked="" type="checkbox"/>	b.	CBC 1705/1705A	Nonstructural Components, Supports and Attachments
<input type="checkbox"/>	c.	CBC 1705/1705A	Seismic Isolation System	<input type="checkbox"/>	d.	CBC 2003 & AWS D1.2	Aluminum/Aluminum Welding
<input type="checkbox"/>	e.	CBC 2410	Structural Silicone Glazing (SSG)	<input type="checkbox"/>	f.		
<i>Special Inspections that are in the agency's scope but are not listed above should be provided in the space(s) below.</i>							
<input type="checkbox"/>	a.			<input type="checkbox"/>	b.		
<input type="checkbox"/>	c.			<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		

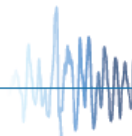




**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION**

14 SPECIAL INSPECTORS					
Provide Following Information for Each Special Inspector Employed by the Agency (Attach additional sheets if needed)					
*To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required					
Inspector's Name	Certification/ License Type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Travis Meyer	Master of Special Inspection	ICC	5205921	05-01-2022	Full Time
	Reinforced Concrete Special Inspector	ICC	5205921	05-01-2022	Full Time
	Prestressed Concrete Special Inspector	ICC	5205921	05-01-2022	Full Time
	Structural Masonry Special Inspector	ICC	5205921	05-01-2022	Full Time
	Structural Steel and Welding Special Inspector - Legacy	ICC	5205921	05-01-2022	Full Time
	Structural Steel and Bolting Special Inspector	ICC	5205921	05-01-2022	Full Time
	Structural Welding Special Inspector	ICC	5205921	05-01-2022	Full Time
Charles Lewis	Soils Special Inspector	ICC	5311009	05-16-2022	Full Time
	Master of Special Inspection	ICC	5311009	05-16-2022	Full Time
	Reinforced Concrete Special Inspector	ICC	5311009	05-16-2022	Full Time
	Prestressed Concrete Special Inspector	ICC	5311009	05-16-2022	Full Time
	Structural Masonry Special Inspector	ICC	5311009	05-16-2022	Full Time
	Spray Applied Fire Proofing Special Inspector	ICC	5311009	05-16-2022	Full Time
	Structural Steel and Bolting Special Inspector	ICC	5311009	05-16-2022	Full Time
	Structural Welding Special Inspector	ICC	5311009	05-16-2022	Full Time
	DSA Certified Masonry Special Inspector	DSA	6049	04/01/2022	Full Time
Dottie Hughes	Reinforced Concrete Special Inspector	ICC	1102105	11-14-2021	Full Time
	Prestressed Concrete Special Inspector	ICC	1102105	11-14-2021	Full Time
	Structural Masonry Special Inspector	ICC	1102105	11-14-2021	Full Time

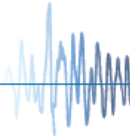
Special Inspectors with expired license shall not be permitted to perform Special Inspections.





**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION**

14	SPECIAL INSPECTORS <i>(Continued)</i>				
Provide Following Information for Each Special Inspector Employed by the Agency <i>(Attach additional sheets if needed)</i>					
*To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required					
Inspector's Name	Certification/ License Type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Michael Luna	CWI	AWS	17081711	08/2020	Full Time
Allen Raydon	CWI	AWS	03060421	06-2021	Full Time
<i>Special Inspectors with expired license shall not be permitted to perform Special Inspections.</i>					





**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION**

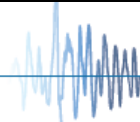
14	SPECIAL INSPECTORS <i>(Continued)</i>
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Provide Following Information for Each Special Inspector Employed by the Agency <i>(Attach additional sheets if needed)</i>					
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<i>*To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required</i>					
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Inspector's Name	Certification/ License Type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant

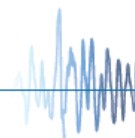
Special Inspectors with expired license shall not be permitted to perform Special Inspections.





**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION**

15 SUMMARY OF AGENCY'S TESTING AND SPECIAL INSPECTION SERVICES			
Structural Tests & Special Inspections (Check all that apply)			
Yes	Structural Tests	Yes	Structural Special Inspections
<input checked="" type="checkbox"/>	Soil	<input checked="" type="checkbox"/>	Earthwork
<input checked="" type="checkbox"/>	Aggregate	<input checked="" type="checkbox"/>	Batch Plant
<input checked="" type="checkbox"/>	Reinforcing Steel	<input checked="" type="checkbox"/>	Reinforced Concrete
<input checked="" type="checkbox"/>	Concrete	<input checked="" type="checkbox"/>	Pre-Stressed Concrete
<input checked="" type="checkbox"/>	Post-Installed Anchors	<input checked="" type="checkbox"/>	Post-Installed Anchors
<input type="checkbox"/>	Concrete Specialty Inserts	<input checked="" type="checkbox"/>	Pre-Cast Concrete
<input checked="" type="checkbox"/>	Shotcrete	<input type="checkbox"/>	Shotcrete
<input checked="" type="checkbox"/>	Masonry	<input checked="" type="checkbox"/>	Masonry
<input checked="" type="checkbox"/>	Steel	<input checked="" type="checkbox"/>	Steel Welding
<input checked="" type="checkbox"/>	High-Strength Bolts and other Fasteners	<input checked="" type="checkbox"/>	High-Strength Bolts and other Fasteners
<input checked="" type="checkbox"/>	Non-Destructive Testing (NDT)	<input checked="" type="checkbox"/>	Spray Applied Fireproofing
<input type="checkbox"/>	Wood	<input type="checkbox"/>	Wood
<input type="checkbox"/>	Aluminum/Aluminum Welding	<input type="checkbox"/>	Aluminum/Aluminum Welding
<input type="checkbox"/>	Fiber Reinforced Polymer (FRP) Composites	<input type="checkbox"/>	Fiber Reinforced Polymer (FRP) Composites
<input type="checkbox"/>	Deep Foundations	<input checked="" type="checkbox"/>	Deep Foundations
<input type="checkbox"/>	Nonstructural Components, Supports and Attachments	<input checked="" type="checkbox"/>	Nonstructural Components, Supports and Attachments
<input type="checkbox"/>	Structural Elements and Connections	<input type="checkbox"/>	Base Isolators
<input type="checkbox"/>	Shake Table Tests	<input type="checkbox"/>	Dampers
<i>Tests and Special Inspections that are in the Agency's scope but are not listed above should be provided in the space(s) below.</i>			
<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	






**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION**

List of Attachments Supporting the Agency's Approval *(Check all that apply)*

Yes	Enclosure Type
<input checked="" type="checkbox"/>	OSHPD Facilities Development Division (FDD) Payment Form (OSH-AD-367): http://oshpd.ca.gov/FDD/Forms/eSPForms/OSH-FD_367-FacDvmtDivPmtForm.pdf
<input checked="" type="checkbox"/>	DSA-LEA Laboratory Qualification as posted at DSA website: https://www.apps2.dgs.ca.gov/DSA/Tracker/ApprovedLabs.aspx
<input checked="" type="checkbox"/>	Latest Copy of DSA 100: LEA Program Application as Submitted to DSA
<input checked="" type="checkbox"/>	Latest copy of DSA 220: LEA Program On-Site Assessment Report
<input checked="" type="checkbox"/>	Latest copy of DSA acceptance (letter) of the Agency into the LEA program.
<input checked="" type="checkbox"/>	Current Accreditation Certificate(s) including List of Tests and Special Inspections for which the Agency is Accredited
<input checked="" type="checkbox"/>	Copy of Test Technician/Individual Special Inspector's License/Certification showing expiration date(s)
<input type="checkbox"/>	OPL Number for Conversion of OPL to OPAA only:
<input checked="" type="checkbox"/>	OPAA Number for Conversion/Renewal of OPAA only: OPAA-0006-16
<input type="checkbox"/>	Other (Please Specify):
<input type="checkbox"/>	Other (Please Specify):
<input type="checkbox"/>	Other (Please Specify):
<input type="checkbox"/>	Other (Please Specify):

OSHPD Approval (For Office Use Only)

Signature:  Approval Date: 06/19/2020

Print Name: Jeffrey Kikumoto Approval Expiration Date: 6/28/2021

Title: Senior Structural Engineer

Condition of approval *(if applicable)*:

