



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
OFFICE OF STATEWIDE HOSPITAL PLANNING AND DEVELOPMENT

APPLICATION FOR HCAI PREAPPROVED AGENCY (OPAA) FOR STRUCTURAL TESTS AND SPECIAL INSPECTIONS			OFFICE USE ONLY	
			OPAA-0102	
Approved Agency	City	County	State	ZIP Code
RANEY GEOTECHNICAL, INC.	WEST SACRAMENTO	Yolo	CA	95691
APPLICATION TYPE				
Combined Testing AND Special Inspection Agency				
APPLICANT INFORMATION				
Applicant Name David Hunn		Position in the Organization CFO/Senior Engineer		
Agency's Local Name Raney Geotechnical, Inc.		Application Date 4/7/2025		
Phone Number (916) 371-0434		E-mail DHUNN@RANEYGEOTECHNICAL.COM		
Address of Facility Location (Each facility location requires separate application.)				
Street 3140 BEACON BLVD.				
City WEST SACRAMENTO		County Yolo	State CA	Zip Code 95691
Facility Mailing Address				
Street 3140 Beacon Blvd.				
City WEST SACRAMENTO		State CA	Zip Code 95691	
Key Agency Personnel				
Engineering Manager - Name David T Hunn		CA Registration Number C67803	Expiration Date 06/30/2025	
Title in the Organization CFO/Senior Engineer		Phone Number (916) 371-0434		
Alternate Phone Number (916) 719-4576		E-Mail dhunn@raneygeotechnical.com		
Key Agency Personnel				
Alternate Engineering Manager - Name David T Hunn		CA Registration Number C67803	Expiration Date 06/30/2025	
Title in the Organization CFO/Senior Engineer		Phone Number (916) 371-0434		
Alternate Phone Number (916) 719-4576		E-Mail dhunn@raneygeotechnical.com		



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Key Agency Personnel

Geotechnical Engineering Contact - Name Matthew S Moyneur	CA Registration Number G2920	Expiration Date 06/30/2026
Title in the Organization CEO/Senior Engineer	Phone Number (916) 371-0434	
Alternate Phone Number (916) 720-5008	E-Mail mmoyneur@raneygeotechnical.com	

Key Testing Personnel

Testing Supervisor - Name Rudy Hattabaugh	CA Registration Number	Expiration Date
Title in the Organization Laboratory Manager	Phone Number (916) 371-0434	
Alternate Phone Number	E-Mail rhattabaugh@raneygeotechnical.com	

Key Testing Personnel

Field Testing Supervisor - Name Rudy Hattabaugh	CA Registration Number	Expiration Date
Title in the Organization Laboratory Manager	Phone Number (916) 371-0434	
Alternate Phone Number	E-Mail rhattabaugh@raneygeotechnical.com	

Key Special Inspections Personnel

Special Inspection Supervisor - Name Ted P Ball	CA Registration Number	Expiration Date
Title in the Organization CMT Services Manager	Phone Number (916) 371-0434	
Alternate Phone Number (916) 835-5833	E-Mail tball@raneygeotechnical.com	

Key Special Inspections Personnel

Field Special Inspection Supervisor - Name Albert McConnell	CA Registration Number ASNT71337	Expiration Date 03/01/2028
Title in the Organization NDT Level III Supervisor	Phone Number (209) 283-0223	
Alternate Phone Number (916) 835-5833	E-Mail albertmcconnell@volcano.net	



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ACCREDITATION AND QUALIFICATIONS

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

AASHTO Accreditation Program (AAP)

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 10/26/2026

LEA # 128

Basis for accreditation

- ☒ 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 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
- ☒ IAS AC 291: Accreditation Criteria for Special Inspection Agency

Basis for Test Technician/Special Inspector Qualification

- ☒ 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 Section 1705A.2.5



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APPLICABLE TEST STANDARDS FOR WHICH AGENCY IS APPROVED

1	SOILS AND FOUNDATIONS
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Tests

Standard	Test Procedure	Standard	Test Procedure
ASTM D 1140	No. 200 Wash	ASTM D 1556	Density of Soils – Sand Cone
ASTM D 1557	Soil Compaction – Modified	ASTM D 2166	Unconfined Compressive Strength/Moisture content
ASTM D 2216	Water Content of Soil	ASTM D 2419	Sand Equivalent Value
ASTM D 2487	Classification of Soils	ASTM D 2488	Identification of Soil (Visual)
ASTM D 2844	Resistance R-Value & Exp. Pressure	ASTM D 421	Dry Prep of Soil
ASTM D 422	Particle Size Analysts	ASTM D 4318	Liquid I Plastic Limit
ASTM D 4718	Oversize Rock Correction	ASTM D 4829	Expansion Index
ASTM D 6938	Density of Soils – Nuclear Gage	ASTM D 698	Compaction of Soil-Standard

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

Standard	Test Procedure	Standard	Test Procedure

2	CONCRETE
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Tests

Standard	Test Procedure	Standard	Test Procedure
ASTM C 1064	Temperature	ASTM C 117	No. 200 Wash
ASTM C 1231	Unbonded Caps	ASTM C 127	Specific Gravity - Coarse
ASTM C 128	Specific Gravity - Fine	ASTM C 136	Sieve Analysis Course I Fine
ASTM C 138	Density I Yield I Air Content	ASTM C 143	Slump
ASTM C 1542	Measuring Length of Cores	ASTM C 172	Sampling Freshly Mixed Concrete
ASTM C 173	Air Content (V)	ASTM C 231	Air Content (P)
ASTM C 31	Concrete Sampling - Field	ASTM C 39	Compressive Strength
ASTM C 42	Concrete Core	ASTM C 511	Moist Cure Rooms/Tanks
ASTM C 617	Capping Concrete Specimens	ASTM C 702	Reducing Aggregate Samples
ASTM C 78	Flexural Strength	ASTM D 75	Sampling Aggregate

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

Standard	Test Procedure	Standard	Test Procedure

3	MASONRY
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Tests

Standard	Test Procedure	Standard	Test Procedure
ASTM C 1019	Sampling and Testing Grout (Compressive Strength)	ASTM C 1314	Compressive Strength of Masonry Prism

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3	MASONRY		
Tests			
Standard	Test Procedure	Standard	Test Procedure
ASTM C 140	Absorption, Compressive Strength, Unit Weight, Dimensions & Moisture Content	ASTM C 1552	Capping CMU, Related Units & Masonry Prisms for Compression Testing
ASTM C 39	Core Compressive Strength	CBC 2105A	Core Shear
Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.			
Standard	Test Procedure	Standard	Test Procedure
4	STEEL		
Tests			
Standard	Test Procedure	Standard	Test Procedure
ASTM E 164	Ultrasonic		
Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.			
Standard	Test Procedure	Standard	Test Procedure
5	WOOD AND ROOF ASSEMBLIES		
Tests			
Standard	Test Procedure	Standard	Test Procedure
Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.			
Standard	Test Procedure	Standard	Test Procedure
6	COMPONENT, ASSEMBLY, PROTOTYPE & MISCELLANEOUS		
Tests			
Standard	Test Procedure	Standard	Test Procedure
Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.			
Standard	Test Procedure	Standard	Test Procedure



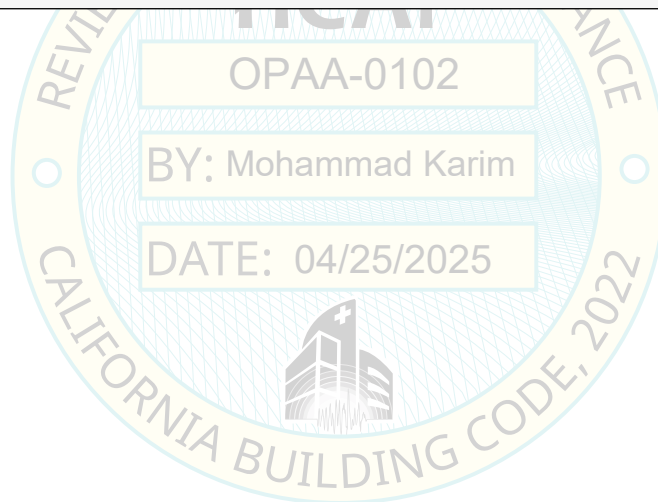
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7	TEST TECHNICIANS				
* To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required.					
Test Technician's Name	Certification/ License type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Ted Ball	Soils Nuclear Gauge	APNGA	44229-172-712-7402	09/23/2027	Full-Time
Ted Ball	Concrete Field Testing Technician - Grade I	ACI	1325727	02/21/2030	Full-Time
Scott Best	Concrete Field Testing Technician - Grade I	ACI	1055244	09/27/2029	Full-Time
Codi Currie	Concrete Field Testing Technician - Grade I	ACI	02238063	09/15/2028	Full-Time
Robert Gregorio	Soils Nuclear Gauge	APNGA	51444-170-612-6844	01/24/2027	Full-Time
Rudy Hattabaugh	Concrete Field Testing Technician - Grade I	ACI	2090772	09/29/2028	Full-Time
Oscar Martinez	Soils Nuclear Gauge	APNGA	31978-171-337-7566	04/17/2027	Full-Time
Albert McConnell	ASNT NDT Level III - Ultrasonic Testing	ASNT	71337	03/01/2028	Part-Time
Ricardo Santos	Soils Nuclear Gauge	APNGA	31999-171-320-0239	04/15/2027	Full-Time
David Smal	Concrete Field Testing Technician - Grade I	ACI	2189458	03/10/2028	Full-Time
Vasiliy Smal	Soils Nuclear Gauge	APNGA	40822-168-055-7489	04/03/2026	Full-Time
Vasiliy Smal	Concrete Field Testing Technician - Grade I	ACI	01305717	11/19/2026	Full-Time
Michael Soto	Soils Nuclear Gauge	APNGA	31996-171-336-5443	04/12/2027	Full-Time
Michael Soto	Masonry Field Testing Technician	ACI	985813	11/17/2028	Full-Time
Michael Soto	Concrete Field Testing Technician - Grade I	ACI	985813	11/17/2028	Full-Time
Randy Sutton	Soils Nuclear Gauge	APNGA	44228-172-796-9194	10/03/2027	Full-Time
Randy Sutton	Concrete Field Testing Technician - Grade I	ACI	01002486	08/23/2029	Full-Time



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Test Technician's Name	Certification/ License type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Jeremy Taylor	Soils Nuclear Gauge	APNGA	408-168-067-0065	04/04/2026	Full-Time
Jeremy Taylor	Concrete Field Testing Technician - Grade I	ACI	01646595	07/12/2029	Full-Time
Jonathan Webb	Soils Nuclear Gauge	APNGA	31986-171-320-9796	04/15/2027	Full-Time
Jadon Wenger	Concrete Field Testing Technician - Grade I	ACI	1398974	03/25/2027	Full-Time
Karlton Windherst	NDT Level II - Ultrasonic Testing	NDT In-House: Certified By: Albert McConnell		06/30/2029	Full-Time
Test Technicians with expired license shall not be permitted to perform Tests.					





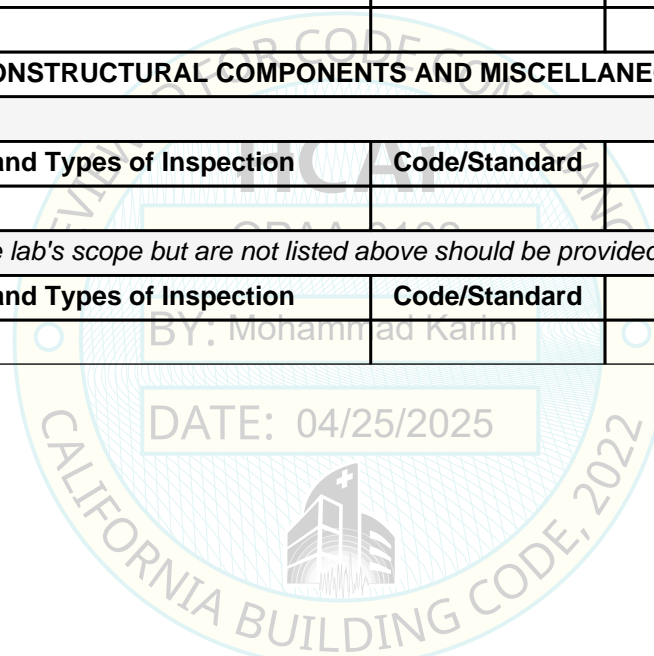
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APPLICABLE SPECIAL INSPECTIONS FOR WHICH AGENCY IS APPROVED			
8		SOILS AND FOUNDATIONS	
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A	Cast-in-place Deep Foundations	CBC 1705/1705A	Driven Deep Foundations
CBC 1705/1705A	Soils (Excavations and Fills)		
Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
9		CONCRETE	
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A	Post-Installed Anchors	CBC 1705/1705A	Shotcrete
CBC 1705/1705A & ACI 318	Pre-Stressed Concrete	CBC 1705/1705A & ACI 318	Reinforced Cast-In-Place Concrete
CBC 1705/1705A & ACI 318	Reinforced Pre-Cast Concrete	CBC 1705/1705A & AWS D1.4	Rebar Welding
CBC 1705/1705A and ASTM C94	Batch Plant		
Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
10		MASONRY	
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A & AWS D1.4	Rebar Welding	CBC 1705/1705A & TMS 602	Masonry Placement
Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
11		STEEL	
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A	Fireproofing (Spray Applied)	CBC 1705/1705A	Structural Cold-Formed Steel
CBC 1705/1705A, AISC 360 & 341	High Strength Bolts	CBC 1705/1705A, AISC 360 & 341	Steel Fabrication & Erection
CBC 1705/1705A, AWS QC1, AISC 360 & 341	Welding		



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11	STEEL		
Special Inspections			
<i>Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
12	WOOD AND ROOF ASSEMBLIES		
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A	Wood Construction		
<i>Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
13	NONSTRUCTURAL COMPONENTS AND MISCELLANEOUS SPECIAL INSPECTIONS		
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
<i>Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection





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14	SPECIAL INSPECTORS				
* 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
Keith Applebaum	Glulam	DSA	6268	03/01/2029	Full-Time
Ted Ball	Structural Steel and Bolting Special Inspector	ICC	5246361	08/29/2027	Full-Time
Ted Ball	Structural Steel and Welding Special Inspector - Legacy	ICC	5246361	08/29/2027	Full-Time
Ted Ball	Spray Applied Fire Proofing Special Inspector	ICC	5246361	08/29/2027	Full-Time
Ted Ball	Structural Masonry Special Inspector	ICC	5246361	08/29/2027	Full-Time
Ted Ball	Prestressed Concrete Special Inspector	ICC	5246361	08/29/2027	Full-Time
Ted Ball	Reinforced Concrete Special Inspector Associate	ICC	5246361	08/29/2027	Full-Time
Ted Ball	Post-Installed Concrete Anchor Installation Inspector	ACI	1050030	12/09/2029	Full-Time
Scott Best	Reinforced Concrete Special Inspector Associate	ICC	5250868	01/09/2026	Full-Time
Scott Best	Structural Steel and Welding Special Inspector - Legacy	ICC	5250868	01/09/2026	Full-Time
Scott Best	Structural Steel and Bolting Special Inspector	ICC	5250868	01/09/2026	Full-Time
Scott Best	Reinforced Concrete Special Inspector	ICC	5250868	10/17/2026	Full-Time
Codi Currie	Structural Steel and Bolting Special Inspector	ICC	10370695	05/22/2027	Full-Time
Codi Currie	Certified Welding Inspector	AWS	23062831	06/01/2026	Full-Time
Robert Gregorio	Soils Special Inspector	ICC	8456026	09/30/2025	Full-Time
Robert Gregorio	Post-Installed Concrete Anchor Installation Inspector	ACI	1204494	01/06/2030	Full-Time

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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
Oscar Martinez	Soils Special Inspector	ICC	8254357	09/19/2025	Full-Time
Ricardo Santos	Soils Special Inspector	ICC	10263255	06/23/2027	Full-Time
Vasiliy Smal	Structural Steel and Bolting Special Inspector	ICC	8413346	12/07/2026	Full-Time
Vasiliy Smal	Prestressed Concrete Special Inspector	ICC	8413346	05/01/2027	Full-Time
Vasiliy Smal	Reinforced Concrete Special Inspector	ICC	8413346	11/28/2025	Full-Time
Michael Soto	Certified Pneumatically Placed Concrete Inspector (Shotcrete)	DSA	6604	12/01/2028	Full-Time
Michael Soto	Certified Masonry Special Inspector	DSA	5433	01/01/2026	Full-Time
Michael Soto	Structural Masonry Special Inspector	ICC	864790	02/21/2028	Full-Time
Michael Soto	Prestressed Concrete Special Inspector - Legacy	ICC	864790	02/21/2028	Full-Time
Michael Soto	Reinforced Concrete Special Inspector - Legacy	ICC	864790	02/21/2028	Full-Time
Michael Soto	Shotcrete Inspector	ACI	985813	01/10/2030	Full-Time
Michael Soto	Post-Installed Concrete Anchor Installation Inspector	ACI	985813	12/09/2029	Full-Time
Randy Sutton	Master of Special Inspections	ICC	5196975	11/29/2025	Full-Time
Randy Sutton	Reinforced Concrete Special Inspector	ICC	5196975	11/28/2025	Full-Time
Randy Sutton	Structural Welding Special Inspector	ICC	5196975	08/29/2025	Full-Time
Randy Sutton	Structural Masonry Special Inspector	ICC	5196975	08/29/2025	Full-Time
Randy Sutton	Structural Steel and Welding Special Inspector - Legacy	ICC	5196975	08/29/2025	Full-Time

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14	SPECIAL INSPECTORS				
* 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
Randy Sutton	Structural Steel and Bolting Special Inspector	ICC	5196975	08/29/2025	Full-Time
Jadon Wenger	Senior Certified Welding Inspector (SCWI)	AWS	13120621	11/01/2025	Full-Time
Jadon Wenger	Commercial Building Inspector	ICC	8884836	01/26/2027	Full-Time
Jadon Wenger	Spray Applied Fire Proofing Special Inspector	ICC	8884836	02/24/2027	Full-Time
Jadon Wenger	Reinforced Concrete Special Inspector	ICC	8884836	01/09/2027	Full-Time
Karlton Windhorst	Certified Welding Inspector	AWS	95051931	05/01/2028	Part-Time
Karlton Windhorst	Prestressed Concrete Special Inspector - Legacy	ICC	850337	12/30/2026	Part-Time
Karlton Windhorst	Spray Applied Fire Proofing Special Inspector	ICC	850337	12/30/2026	Part-Time
Karlton Windhorst	Reinforced Concrete Special Inspector - Legacy	ICC	850337	12/30/2026	Part-Time
Karlton Windhorst	Structural Welding Special Inspector	ICC	850337	12/30/2026	Part-Time
Karlton Windhorst	Structural Steel and Bolting Special Inspector	ICC	850337	12/30/2026	Part-Time
Karlton Windhorst	Structural Masonry Special Inspector	ICC	850337	12/30/2026	Part-Time
Special Inspectors with expired license shall not be permitted to perform Tests.					



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15	SUMMARY OF AGENCY'S TESTING AND SPECIAL INSPECTION SERVICES	
Structural Tests & Special Inspections		
Structural Tests		Structural Special Inspections
Aggregate		Batch Plant
Concrete		Deep Foundations
Masonry		Earthwork
Non-Destructive Testing (NDT)		High-Strength Bolts and other Fasteners
Post-Installed Anchors		Masonry
Shotcrete		Post-Installed Anchors
Soil		Pre-Cast Concrete
		Pre-Stressed Concrete
		Reinforced Concrete
		Shotcrete
		Spray Applied Fireproofing
		Steel Welding
		Wood
<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>		
HCAI Approval (For Office Use Only)		
Print Name:	Mohammad Karim	Approval Date: 04/25/2025
Title:	Supervisor, Health Facilities Review	Approval Expiration Date: 10/26/2026
Condition of approval (if applicable):		