

355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

2019 California Building Standards Code - OSHPD 2/5

This program is prepared and submitted for an OSHPD 2 or OSHPD 5 project. OSHPD 2 projects are limited to construction and remodel projects for: skilled nursing facilities and/or intermediate-care facilities of Type V, wood or light steel-frame construction. OSHPD 5 projects are limited to construction and remodel projects for: acute psychiatric hospitals subject to licensure.

Street Address: City: County: Record Name (Scope of Project):	SECTIO	NA	PR	OJECT INFO	DRMATION	
Address: City: County: Record Name (Scope of Project): Abbreviations: CAC: California Administrative Code AAMA: American Architectural Manufacturers Association CBC: California Building Code NFPA: National Fire Protection Association CEC: California Electrical Code FM: FM Approval Standards CMC: California Mechanical Code DPOR: Design Professional of Record	Facility #:	ſ	Facility Name:		Project #:	Sub #:
Address: City: County: Record Name (Scope of Project): Abbreviations: CAC: California Administrative Code AAMA: American Architectural Manufacturers Association CBC: California Building Code NFPA: National Fire Protection Association CEC: California Electrical Code FM: FM Approval Standards CMC: California Mechanical Code DPOR: Design Professional of Record						
Record Name (Scope of Project): Abbreviations: CAC: California Administrative Code AAMA: American Architectural Manufacturers Association CBC: California Building Code NFPA: National Fire Protection Association CEC: California Electrical Code FM: FM Approval Standards DPOR: Design Professional of Record	Street Address:			_		
Abbreviations: CAC: California Administrative Code AAMA: American Architectural Manufacturers Association NFPA: National Fire Protection Association CEC: California Electrical Code FM: FM Approval Standards CMC: California Mechanical Code DPOR: Design Professional of Record	City:		County:			
CAC: California Administrative Code AAMA: American Architectural Manufacturers Association NFPA: National Fire Protection Association CEC: California Electrical Code FM: FM Approval Standards CMC: California Mechanical Code DPOR: Design Professional of Record	Record Name	(Scope of Project):				
CBC: California Building Code NFPA: National Fire Protection Association CEC: California Electrical Code FM: FM Approval Standards CMC: California Mechanical Code DPOR: Design Professional of Record	Abbreviations:					
CEC: California Electrical Code FM: FM Approval Standards CMC: California Mechanical Code DPOR: Design Professional of Record	CAC: California Ad	ministrative Code	AAMA: American Architectura	I Manufacturers Association		
CMC: California Mechanical Code DPOR: Design Professional of Record	CBC: California Bu	ilding Code	NFPA: National Fire Protection	n Association		
Varion, PO2 7.9	CEC: California Ele	ectrical Code	FM: FM Approval Standards			
CPC: California Plumbing Code Version: R03.7.8	CMC: California Me	echanical Code	DPOR: Design Professional of	f Record		
	CPC: California Plu	ımbing Code			Ve	ersion: R03.7.8

DESIGN PROFESSIONAL OF RECORD RESPONSIBILITY

The administration of the work of construction, including this TIO, shall be under the responsible charge of an architect and structural engineer. When a structural engineer is not substantially involved, the architect shall be solely responsible. Where neither structural nor architectural elements are substantially involved, a mechanical or electrical engineer registered in the branch of engineering most applicable to the project may be in responsible charge. (CAC 7-141(a))

Note: HCAI plan review staff must provide verification that the TIO program has been "Reviewed" prior to plan approval to confirm the applicability of the tests and inspections identified in the TIO program for work scope, building systems, and the construction materials shown in the design drawings. Field staff will issue subsequent "TIO Program Approval".

The "TIO Program Approval" from HCAI field staff must be obtained and included with the notice of start of construction required by CAC Section 7-137(a)4) and 7-145(a)5.A)

Construction shall not commence until the health facility has obtained from HCAI "TIO Program Approval". (CAC Section 7-135(a)3)



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

SE	CTI	ON B			cies, individuals, and all changes to the TIO paid by HCAI prior to proceeding with the related		tified, evaluat
Facility	#:	Facility Name:			Project #:		
				ith "X" or formation:			
# xəpul	REQUIRED (Select with "X")	TESTS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE (Initial/Date)
RUCTU	RAL	TESTS				•	•
Founda	tion						
B-F1		Soil fill CBC 1705.6 Fill material acceptance test					
B-F2		Soil fill CBC 1705.6 Compaction test					
B-F3		Soil and rock anchors CBC 1811 Load test Deep foundation elements					
B-F4		CBC 1810.3.3.1.2, 1810.3.1.5.1, 1810.3.3.1.5, 1810.3.3.2, & 1810.3.10.4 Load test					
B-F5		Shoring CBC 1812 Tie-Back Anchors Vibro Stone Columns (VSC)					
B-F6		CBC 1813 Acceptance Test Investigations required (OSHPD 5 only)					
8 B-F7		CBC 1803.2 Geotechnical investigation					
원 선 Concret	te						
B-C1		Concrete CBC 1705.3, 1903.6 & 1910.1; ACI-318 1.9.1 & 26.4					
B-C2 B		Cementitious materials Concrete CBC 1705.3, 1903.5; ACI-318 1.9.1 & 26.4					
В-С3		Aggregates/Reactive aggregates Concrete CBC 1705.3, ACI-318 26.4.1.3, ASTM C1602 Water					
B-C4		Concrete CBC 1705.3 & 1909.3.7; ACI-318 26.12.2.1(a) Strength test					
B-C5		Concrete CBC 1705.3 & 1910.2 & ACI-318 20.2, 25.4.5.1 & 26.6.1.2 Metal reinforcement (including welded wire fabric and headed rebar)					
B-C6		Concrete CBC 1705.3, 1901.3 & ACI-318 20.5 Headed studs and headed stud assemblies					



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

SE	CTI	ON B			cies, individuals, and all changes to the TIO point by HCAI prior to proceeding with the related		tified, eva
acility	#:	Facility Name:			Project #:		
				ith "X" or oformation:			
lndex#	REQUIRED (Select with "X")	TESTS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE
B-C7		Concrete CBC Table 1705.3, 1903.8 Weldability of reinforcing bars					
B-C8		Concrete CBC 1705.3 & 1910.3; ACI-318 20.3, 25.8 & 26.10.2 Prestressing tendons and anchorage					
B-C9		Concrete CBC 1911.2; ACI-503.7 Crack repair by epoxy injection					
B-C10		Concrete CBC 1911.3; ICC-ES AC 178 Sec. 9 Strengthening by externally bonded FRP					
B-C11		Shotcrete CBC 1908.5 Preconstruction test Shotcrete					
B-C12		CBC 1908.10 Strength test					
B-C13		CBC 1705.19.1 Core test Post-installed anchors					
B-C14		CBC 1901.3.4 Installation verification test (includes adhesive, shot pins and mechanical anchors)					
B-C15		Existing post-installed anchors CBC 1708 and CAC Chapter 6, Section 11.3 Direct tension test					
17 B-C16							
asoni	ov.						
	Y	Masonry					
IA2 B-MA1		CBC 2105.2; TMS 602 1.4.B.3 Material standards tests Masonry CBC 2105.3					
B-MA3 B-MA2		Mortar test Masonry CBC 2105.3					
B-MA4 B-N		Grout test Masonry CBC 2105.3 Grout test					
B-MA5 B-I		Compressive strength f'm - prism test Masonry CBC 2105.4					
8-№		Core test					



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

SE	CTI	ON B			cies, individuals, and all changes to the TIO prid by HCAI prior to proceeding with the related		itied, evali
acility	#:	Facility Name:			Project #:		
			Select w	ith "X" or			
	•			formation:			
# xəpul	REQUIRED (Select with "X")	TESTS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE
B-MA6		Masonry CBC 1705.4 Masonry anchors					
B-MA7		Veneer CBC 1410.2 Veneer bond strength test					
B-MA8		Architectural Cast Stone CBC 2103.1, ASTM C1364 & TMS 504 Strength of stone anchorage					
B-MA9							
B-MA10							
el	•		•				
B-S1		Steel CBC 2202.1 & AISC-360 Identification test for structural steel and cold formed steel					
B-S2		Steel CBC 2213.1 & 1705.13.1 High strength bolts, nuts, and washers					
B-S3		Steel CBC 2213.2 & 1705.13.1 End-welded studs					
B-S4		Steel CBC 1705.2 & 1705.13.1.2 & AISC-360 & AISC-341 Nondestructive testing of welds					
B-S5		Steel 1705.13.1.2 & AISC-341 K3 Buckling restrained brace load test					
B-S6		Steel 2205.4, 1705.12.1 & AISC-341 K2 Beam to Column Moment Connections					
88 B-S7							
89 her 9	Structi	ural Materials					
		Aluminum CBC 2003.1					
Ď		Testing and Inspection					
B-OM2 B-OM1		Structural Sealant Glazing					



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

		ON B	the DPOR a	and approved	d by HCAI prior to proceeding with the related	work.	
acility	#:	Facility Name:			Project #:		
				ith "X" or formation:			
udex#	REQUIRED (Select with "X")	TESTS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE
B-OM3		Structural Sealant Glazing CBC 2410.1.2 Structural sealant tests - Exterior glass curtain walls					
B-OM4							
	tive S	ystems					
B-AS1		Seismic Isolation System CBC 1705.13.4					
B-AS2		Prototype and production test Seismic Damping System CBC 1705.13.4 Prototype and production test					
B-AS3		Structural Design Criteria CBC 104.11 Tests to support alternative system					
B-AS4		Wind Tunnel Testing CBC 1609.1.1; ASCE 49 and Ch 31 of ASCE 7 Wind tunnel testing					
B-AS5							
B-AS6							
	uctura	l Components, Supports and Attachments	"				
B-N1		Nonstructural Components CBC 1705.13.2					
B-N2		Special Seismic Certification CBC 1705.13.3 Shake Table test					
B-N3							
B-N4							
RIC	AL T	ESTS					
B-E1		Ground Fault Protection of Equipment CEC 230.95(C) & 517.17(D)					
B-E2		Emergency Generator Tests CEC 700.3(A) & NFPA 110-2016 § 7.13					
		Automatic Transfer Switch Test					
B-E3		NFPA 110-2016 § 7.13.4.1	╂				



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

2019 California Building Standards Code - OSHPD 2/5

SE	CTI	ON B			cies, individuals, and all changes to the TIO p d by HCAI prior to proceeding with the related		tified, eval
Facility	#:	Facility Name:			Project #:		
				ith "X" or formation:			
lndex#	REQUIRED (Select with "X")	TESTS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE
B-E5		Fire Pump Coordination Study and Testing CEC 695.3(C)(3)					
B-E6		Essential Electrical System Coordination Study CEC 517.31(G) & 700.32					
B-E7		Elevator Selective Coordination Study CEC 620.62					
9 B-E8		Grounding System in Patient Care Spaces 2018 NFPA 99 6.3.3.1 Hospital Grade Receptacles					
B-E10 B-E9		2018 NFPA 99 6.3.3.2.5 Isolated Power Systems – Line Isolation Monitor Test					
B-E11 B-I		2018 NFPA 99 6.3.3.3.2 Isolated Power Systems – Impedance of Isolated Wiring Test 2018 NFPA 99 6.3.2.9.2.1					
B-E12		Medium Voltage Outdoor Systems – Inspections and Test CEC 225.56					
B-E13		Medium Voltage Cable Testing CEC 328.14 & ANSI/NECA/NCSCB 600-2014					
B-E14		Insulation Testing CEC 110.7, 2018 NFPA 99 6.7.4.1.2.2					
B-E15		Torque Electrical Connections CEC 110.3(B) & 110.14(D)					
B-E16		Temporary Installation Grounding CEC 590.6					
B-E17		Nurse call system CEC 517.123					
B-E18		Arc Energy Reduction CEC 240.67 & 240.87					
B-E19		Short-Circuit Current Calculations CEC 110.24(A), 409.22, 430.99, 440.10(B)					
B-E20		Available Fault and Short-Circuit Current Field Marking CEC 110.16(B), 110.24(A), 620.51(D)(1), 700.5(E)					
B-E21		Means of Egress Illumination CBC 1008.2 and 1008.3 Illumination and Emergency Power					
B-E22		Lighting (OSHPD 5) CBC 1228.4.21 Tamper Resistant					
B-E23							

MECHANICAL TESTS



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

SE	C [ON B			ies, individuals, and all changes to the TIO p d by HCAI prior to proceeding with the related		cu, eva
acility	#:	Facility Name:			Project #:		
				ith "X" or formation:			
lndex#	REQUIRED (Select with "X")	TESTS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE
B-ME1		Listed hood assemblies CMC 508.2					
B-ME2		Commercial kitchen hood ventilation CMC 511.2.2.1 Performance test					
В-МЕЗ		Refrigeration equipment CMC 1116.0					
B-ME4		Refrigeration detection and alarm system CMC 1108.4 & CFC 605.6 Acceptance testing					
B-ME5		Refrigeration flaring system CMC 1114.3 Safety and effectiveness					
B-ME6		Steam and hot water boilers CMC 1013.0					
B-ME7		Hydronics CMC 1205.2, 1220.2.6 & 1221.3 Pressure test of steam and water piping					
B-ME8		Process piping CMC 1405.2.2 Pressure test					
В-МЕ9		Existing System Air Balance CMC 407.3.1 Pre-demolition Air Balance Test and Report					
B-ME10		Existing System Air Balance CMC 407.3.1 Air Balance Test and Report					
B-ME11		Ventilation system Air Balance CMC 407.3.1 & Table 4-A Areas tested and balanced					
B-ME12		Duct Leakage Test CMC 603.10.1 SMACNA HVAC Air Duct Leakage Test					
B-ME13 E		Airborne Infection Isolation Rooms and Protective Environment Rooms CMC 416.4 Alarm system test					
B-ME14		Airborne Infection Isolation Rooms and Protective Environment Rooms CMC 417.0 Mechanical system tested and balanced					
ИBIN	IG TE						
B-P1		Disinfection of potable water systems CPC 609.9					



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

SE	CTI	ON B			ies, individuals, and all changes to the TIO poly by HCAI prior to proceeding with the related		tified, eva
acility	#:	Facility Name:			Project #:		
				ith "X" or formation:			
lndex #	REQUIRED (Select with "X")	TESTS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE
B-P2		Medical gas and vacuum NFPA 99-2018 § 5.1.12 Gas and vacuum system performance testing					
B-P3		Medical gas and vacuum NFPA 99-2018 § 5.1.12 Gas and vacuum system verifcation testing					
B-P4		Existing sewers and drains CPC 102.4.1, 105.3, 105.3.2, & 712.0 Tested for conformance with requirements for new work					
B-P5		Water supply system CPC 105.3, 105.3.2, & 609.4 Pressure tested prior to covering or concealment					
B-P6		Plumbing, drainage, and venting systems CPC 105.3, 105.3.2, & 712.0 Water or air tested prior to use, covering or concealment. No air test for plastic piping.					
B-P7		Building sewer CPC 105.3, 105.3.2, 712.0 & 723.0 Water or air tested prior to use, covering or concealment. No air test for plastic piping.					
B-P8		Storm drain piping CPC 1107.1 Water or air tested prior to use, covering or concealment					
B-P9		Fuel piping CPC 1213.0 Air, CO2 or nitrogen tested prior to use, covering or concealment					
B-P10		Private sewer disposal system CPC 105.0, 105.3.2, & CPC Appendix H H1001.2 Tested prior to use, covering or concealment					
B-P11		Protectively coated pipe CPC 312.5 Tested for voids, damage and imperfections					
B-P12		Defective systems CPC 105.3.1, 105.3.2, 712.0 Air test of defective drainage and plumbing systems					
B-P13		Shower receptors CPC 408.7.5					
B-P14		Backflow prevention devices and assemblies CPC 603.2 & 603.4.2 Assembly tested					
B-P15		Nonpotable water CPC 1502.0 Testing of alternate water sources and cross- connections					
B-P16		Recycled water supply systems CPC 1505.5 & 1505.13 Initial cross-connection test and system testing before initial operation					



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

SE	CTI	ON B			cies, individuals, and all changes to the TIO p d by HCAI prior to proceeding with the related		unea, evali
Facility	#:	Facility Name:			Project #:		
				ith "X" or nformation:			
udex#	REQUIRED (Select with "X")	TESTS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE
B-P17		On-site treated nonpotable gray water systems CPC 1506.5, 1506.12, 1502.1 Initial cross-connection test and system testing before initial operation					
B-P18		Handwashing Stations (OSHPD 5) CBC 1228.4.22 Ligature-resistant features					
B-P19							
B-P20							
B-FP2 B-FP1		CFC 901.5 & CFC 907.7 NFPA 72-2016 §14.4 Acceptance and Reacceptance Testing Fire and smoke dampers CFC 901.5 & CFC 907.8 Acceptance testing					
B-FP2		CFC 901.5 & CFC 907.8					
B-FP3		Duct Detectors CFC 901.5, NFPA 72-2016 §14.4 Differential Pressure Test					
B-FP4		Smoke control system CFC 901.5, CFC 909.18 & CBC 1705.18 Acceptance testing					
B-FP5		Fire sprinkler CFC 901.5 & NFPA 13-2016 Chapter 25 Acceptance testing – Aboveground piping					
B-FP6		Fire sprinkler CFC 901.5 & NFPA 13-2016 Chapter 25 Acceptance testing – Underground piping					
B-FP7		Standpipe system CFC 901.5 & NFPA 14-2016 Chapter 11 Acceptance testing – Aboveground piping					
B-FP8 B-FP7		CFC 901.5 & NFPA 14-2016 Chapter 11					
B-FP9 B-FP8		CFC 901.5 & NFPA 14-2016 Chapter 11 Acceptance testing – Aboveground piping Standpipe system CFC 901.5, CFC 905.3.1 & NFPA 14-2016 Chapter 11 Acceptance testing in buildings 4-stories or more Standpipe system CFC 901.5 & NFPA 14-2016 Chapter 11 Acceptance testing – Underground piping					
B-FP10 B-FP9 B-FP8		CFC 901.5 & NFPA 14-2016 Chapter 11 Acceptance testing – Aboveground piping Standpipe system CFC 901.5, CFC 905.3.1 & NFPA 14-2016 Chapter 11 Acceptance testing in buildings 4-stories or more Standpipe system CFC 901.5 & NFPA 14-2016 Chapter 11 Acceptance testing – Underground piping Private fire mains CFC 901.5 & NFPA 24-2016 § 10.10 Acceptance testing					
B-FP9 B-FP8		CFC 901.5 & NFPA 14-2016 Chapter 11 Acceptance testing – Aboveground piping Standpipe system CFC 901.5, CFC 905.3.1 & NFPA 14-2016 Chapter 11 Acceptance testing in buildings 4-stories or more Standpipe system CFC 901.5 & NFPA 14-2016 Chapter 11 Acceptance testing – Underground piping Private fire mains CFC 901.5 & NFPA 24-2016 § 10.10					



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

SE	CTI	ON B			ies, individuals, and all changes to the TIO p d by HCAI prior to proceeding with the related		tified, eval
Facility	#:	Facility Name:			Project #:		
				th "X" or formation:			
lndex#	REQUIRED (Select with "X")	TESTS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE
B-FP13		Wet chemical extinguishing system CFC 901.5 & NFPA 17A-2017 § 6.4 Acceptance testing					
B-FP14		Clean agent extinguishing system CFC 901.5 & NFPA 2001-2015 § 7.7 Acceptance testing					
B-FP15		CO2 extinguishing system CFC 901.5 & NFPA 12-2015 § 4.4.3 & 4.4.4 Acceptance testing					
B-FP16		Dry chemical extinguishing system CFC 901.5 & NFPA 17-2017 § 10.4 Acceptance testing					
B-FP17		Halon 1301 extinguishing system CFC 901.5 & NFPA 12A-2015 § 6.7 Acceptance testing					
9 B-FP18		Underground fuel storage tank CFC 5704.2.12 & NFPA 30-2018 § 21.5.1 Initial testing					
B-FP19		Underground fuel storage tank CFC 5704.2.12 & NFPA 30-2018 § 21.5.2 Tightness testing					
B-FP20		Flammable and combustible liquid fuel piping CFC 5703.6.3 Pressure testing					
B-FP21		Emergency Responder Radio Coverage CFC 510.5.3 Acceptance test procedure					
B-FP22		Testing of Elevator Shutdown CBC 3005.5, NFPA 72-2016 21.4 and ASME A17.1-2013					
B-FP23		Elevator Emergency Operation CBC 3003.2 Emergency Recal and In-cart operation					
5 B-FP24		Elevator Emergency Standby Power CBC 3003.1 Backup Generator Engaged					
B-FP25							
ER TI	ESTS	In the second second					
B-0T1		Radiation Shielding Barriers CBC 1705.1.1 and 3102C Radiation shielding barrier test					
B-0T2		Doors and Door Openings (OSHPD 5) CBC 1228.4.8 Keyed locks, hinges and door levers					
В-ОТ3		Windows and Screens (OSHPD 5) CBC 1228.4.9 Glazing, openings, impact loads, operable windows					



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

SE	СТІ	ON B			cies, individuals, and all changes to the TIO pr d by HCAI prior to proceeding with the related		tified, evaluated by
Facility	#:	Facility Name:			Project #:		
				ith "X" or oformation:			
lndex #	REQUIRED (Select with "X")	TESTS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE (Initial/Date)
B-0T4		Ceilings (OSHPD 5) CBC 1228.4.11.1 All M, E, P shall be concealed					
B-0T5		Grab Bars (OSHPD 5) CBC 1228.4.18 Anchorage, graspability, and ligature resistant					
В-ОТ6		Built-In-Furnishings (OSHPD 5) CBC 1228.4.20 In areas accessible to patients					
B-017		Outdoor Activity Area (OSHPD 5) CBC 1228.13.12 Fences doors, gates, lights, cameras and furniture					
B-0T8		Handwashing Stations (OSHPD 5) CBC 1228.4.22 Ligature-resistant, laminar flow, goose neck spouts					



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

SEC	CTION C			cies, individuals, and all changes to the TIO pr d by HCAI prior to proceeding with the related		eu, eva
Facility #	f: Facility Name:			Project #:		Sul
			ith "X" or nformation:			
Index # REQUIRED	ON-SITE SPECIAL INSPECTIONS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL (IDENTIFY SPECIAL INSPECTOR)	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE
	RAL SPECIAL INSPECTIONS					
oundat	Soils CBC 1705.6					
C-F2	Soil fill Foundation CBC 1705.7 Driven deep foundations					
C-F3	Foundation CBC 1705.8 Cast-in-place deep foundations					
C-F4	Foundation CBC 1705.9 Helical pile foundations					
C-F5	Shoring CBC 1812 Shoring					
C-F6	Vibro Stone Columns (VSC) CBC 1813 Vibro Stone Columns					
C-F7	Prestressed soil and rock anchors CBC 1705.3, 1811 & 1812 Installation and testing					
C-F9 C-F8						
oncret	e					
C-C1	Concrete CBC 1705.3; ACI-318 26.5.2 & 26.13 Placement of concrete					
C-C2	Concrete CBC 1705.3; ACI-318 26.4.1.5 Admixtures					
C-C3	Concrete CBC 1705.3; ACI-318 26.4 Mix Design					
C-C4	Concrete CBC 1705.3; ACI-318 26.13 Reinforcing steel & prestressing steel					
C-C5	Concrete CBC 1705.3 CIP & Post-installed anchors					
92-2	Concrete CBC Table 1705.3 Adhesive anchors in horizontal and upwardly inclined positions with sustained tension load					
C-C7	Concrete CBC 1705.3; ACI-318 26.13 Specialty inserts, Stud rails, Rebar mechanical conn., Headed rebar					



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

	ity #:	Facility Name:	alo Di Olta	а арргоче	d by HCAI prior to proceeding with the related Project #:		Sı
	•	•					
				ith "X" or iformation:			
lndex #	REQUIRED (Select with "X")	ON-SITE SPECIAL INSPECTIONS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL (IDENTIFY SPECIAL INSPECTOR)	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE
C-C8		Concrete CBC 1705.3.3 Batch plant inspection					
6 - 0		Concrete CBC 1705.3.4; ACI-318 26.13 Prestressed concrete					
C-C10		Concrete CBC 1705.3 & 1705.12.5 Precast concrete fabrication & precast panels					
C-C11		Concrete CBC 1705.3 Precast concrete erection					
C-C12		Shotcrete CBC 1705A.19 & 1908A Installation					
C-C13		Concrete CBC 1705.3 Insulating concrete					
C-C14		Concrete CBC 1705.3, 1705.3.1, 1903.8 Welding of reinforcing bars					
C-C15		Concrete CBC 1705.12.5 GFRC panels					
C-C16		Concrete CBC 1911.2; ACI-503.7 Crack repair by epoxy injection					
C-C17		Concrete CBC 1911.3, ICC AC178 Sec. 3 to 8 Strengthening by externally bonded FRP					
9 C-C18							
C-C19	onry						
C-MA1	nii y	Masonry CBC 1705.4 Laying and grouting					
C-MA2		Masonry CBC 2104A.1.3 Low lift grout					
C-MA3		Masonry CBC 2104A.1.3 High lift grout					
C-MA4		Masonry CBC 1705.4 Masonry anchors					
C-MA5							



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

		TION C	the DPOR and approved by HCAI prior to proceeding with the related work.					
Facil	ity #:	Facility Name:			Project #:		Su	
				ith "X" or nformation:				
ludex #	REQUIRED (Select with "X")	ON-SITE SPECIAL INSPECTIONS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL (IDENTIFY SPECIAL INSPECTOR)	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE	
C-MA6								
teel								
C-S1		Steel CBC 1705.2.5 & 1705.12.1 Automatic end-welded studs						
C-S2		Steel CBC 1705.2.5 & 1705.12.1 Shop and field welding						
C-S3		Steel AWS D1.1 3 & 4 and AWS D1.8 6.1 Shop and field welding - WPS / WPQR						
C-S4		Steel CBC 1705.2 & 1705.12.1 High strength bolt installation						
C-S5		Steel CBC 1705.2, 1705.11.2 & 1705.12.3 Cold-formed steel light frame construction						
S7 C-S6								
C-S8 C-S7								
Voo	d		•					
C-W1		Wood CBC 1705.5, 1705.5.4, 1705.11.1 & 1705.12.2 Glue laminated timber						
C-W2		Wood CBC 1705.5.6, 1705.11.1 & 1705.12.2 Installation of timber connectors						
C-W3		Wood CBC 1705.5, 1705.5.2 & 1705.5.5 Manufactured trusses						
C-W4		Wood CBC 1705.11.1 & 1705.12.2 Nailing, screw attachment, bolting, anchoring, field gluing operations and other fastening						
6 C-W5								
C-W6								
_	r Struc	tural Materials	1	1		1		
C-0M1		Aluminum CBC 2003.1 Testing and Inspection						
C-OM2		Structural Sealant Glazing CBC 2410.1.2 Structural sealants for exterior glass curtain walls						



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

	S	EC1	TION C			cies, individuals, and all changes to the TIO produced by HCAI prior to proceeding with the related		itified, evaluated by
	Facil	lity #:	Facility Name:			Project #:		Sub #:
					ith "X" or nformation:			
	# xəpul	REQUIRED (Select with "X")	ON-SITE SPECIAL INSPECTIONS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL (IDENTIFY SPECIAL INSPECTOR)	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE (Initial/Date)
	C-OM3							
_	C-OM4							
A	Alter	native	Systems					
	C-AS1		Alternative system CBC 1705.1.1 Construction materials and methods for alternative system					
	C-AS2		Seismic Isolation System CBC 1705.12.8 Fabrication, installation, prototype, and production testing					
	C-AS3		Seismic Damping System CBC 1705.12.8 Fabrication, installation, prototype, and production testing					
-	C-AS4	•						
ſ	Nons	tructu	ral components, supports and attachments		ī	Ī		
	C-N		Architectural components CBC 1705.12.5 & 1705.16 Cladding, nonbearing walls and veneer					
	C-N2		Ceiling CBC 1705.12.5 Suspended ceiling systems and their anchorage					
	C-N3		Access floors CBC 1705.12.5.1 Anchorage of access floor systems					
	C-N4		Storage racks 8' or taller CBC 1705.12.7 Anchorage					
	C-N5		Plumbing, mechanical and electrical components CBC 1705.12.6 Anchorage, bracing, and vibration isolators					
	C-N6		Special Seismic Certification CBC 1705.12.4 Special Seismic Certification label, anchorage and mounting					
	8 C-N7							
	C-N8	-						
ELE	CTR	ICAL	INSPECTIONS	ı	1			
	C-E1		Available Fault and Short-Circuit Current Field Marking CEC 110.16(B), 110.24(A), 620.51(D)(1), 700.5(E)					



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

	SI	EC1	TION C			cies, individuals, and all changes to the TIO prod by HCAI prior to proceeding with the related		tified, evaluated by
	Facil	ity #:	Facility Name:			Project #:		Sub #:
					ith "X" or nformation:			
ī.	# xəpul	REQUIRED (Select with "X")	ON-SITE SPECIAL INSPECTIONS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL (IDENTIFY SPECIAL INSPECTOR)	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE (Initial/Date)
	3 C-E2							
NAEC	C-E3	NIICA	LINCRECTIONS					
IVIEC	C-M1	INICA	L INSPECTIONS					
	C-M2 C							
PLU		ING I	NSPECTIONS					
	C-P1							
	C-P2							
FIRE	PR	OTEC	CTION AND LIFE SAFETY SYSTEM SP	ECIAL I	NSPEC [*]	TIONS		
	C-FP1		Sprayed fire-resistant materials CBC 1705.14 Spray-applied fireproofing					
	C-FP2		Mastic and intumescent fire-resistant coatings CBC 1705.15 In accordance with AWCI 12-B					
	C-FP3		Penetration firestops CBC 1705.17.1 Penetration firestop systems that are tested and listed					
	C-FP4		Fire-resistant joint systems CBC 1705.17.2 Fire-resistant joint systems that are tested and listed					
	C-FP5		Smoke control systems CFC 909.18.8 & CBC 170.17 & 1705.18 Ductwork and operation					
	C-FP6		Sprinkler system piping NFPA 13-2016 § 6.5.2 Welded pipe and fittings					
	C-FP7		Standpipe system piping NFPA 14-2016 § 4.4.2 Welded pipe and fittings					
	C-FP8							
	C-FP9							
OTH		SPEC	IAL INSPECTIONS					
	C-0T1		Exterior insulation and finish systems (EIFS). CBC 1705.16 EIFS applications					



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

S	EC	TION C			cies, individuals, and all changes to the TIO pr d by HCAI prior to proceeding with the related		tified, evaluated b
Faci	lity #:	Facility Name:			Project #:		Sub #:
				ith "X" or nformation:			
# xəpul	REQUIRED (Select with "X")	ON-SITE SPECIAL INSPECTIONS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL (IDENTIFY SPECIAL INSPECTOR)	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE (Initial/Date)
C-0T2		Water-resistive barrier coating CBC 1705.16.1 & ASTM E2570 Barrier coating when installed over a sheathing substrate.					
C-0T3							
C-0T4							



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

		TION D			cies, individuals, and all changes to the TIO pr d by HCAI prior to proceeding with the related		
Facil	ity #:	Facility Name:			Project #:		Sul
				ith "X" or formation:			
# xəpul	REQUIRED (Select with "X")	OFF-SITE SPECIAL INSPECTIONS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL (IDENTIFY SPECIAL INSPECTOR)	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE
UCT	ΓURA	L SPECIAL INSPECTIONS					
Conc	rete	Consumb	1			I	
D-C1		Concrete CBC 1705.3; ACI-318 26.5.2 & 26.13 Placement of concrete					
D-C2		Concrete CBC 1705.3; ACI-318 26.4.1.5 Admixtures					
D-C3		Concrete CBC 1705.3; ACI-318 26.4 Mix Design					
D-C4		Concrete CBC 1705.3; ACI-318 26.13 Reinforcing steel & prestressing steel					
D-C5		Concrete CBC 1705.3 CIP & Post-installed anchors					
D-C6		Concrete CBC Table 1705.3 Adhesive anchors in horizontal and upwardly inclined positions with sustained tension load					
D-C7		Concrete CBC 1705.3; ACI-318 26.13 Specialty inserts, Stud rails, Rebar mechanical conn., Headed rebar					
D-C8		Concrete CBC 1705.3.3 Batch plant inspection					
62-Q		Concrete CBC 1705.3.4; ACI-318 26.13 Prestressed concrete					
D-C10		Concrete CBC 1705.3 & 1705.12.5 Precast concrete fabrication & precast panels					
D-C11		Concrete CBC 1705.3 Insulating concrete					
D-C12		Concrete CBC 1705.3, 1705.3.1, 1903.8 Welding of reinforcing bars					
D-C13		Concrete CBC 1705.12.5 GFRC panels					
D-C14		Concrete CBC 1911.3, ICC AC178 Sec. 3 to 8 Strengthening by externally bonded FRP					
3 D-C15							
D-C16							



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

Facil	ity #:	Facility Name:			Project #:		Su
				ith "X" or nformation:			
lndex #	REQUIRED (Select with "X")	OFF-SITE SPECIAL INSPECTIONS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL (IDENTIFY SPECIAL INSPECTOR)	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE
D-MA1		Masonry CBC 1705.4 Masonry anchors					
D-MA2		inasoniy anonors					
D-MA3							
eel							
D-S1		Steel CBC 1705.2 & 1705.12.1, AISC-360 & AISC-341 Steel shop fabrication					
D-S2		Steel CBC 1705.2.5 & 1705.12.1 Automatic end-welded studs					
D-S3		Steel CBC 1705.2.5 & 1705.12.1 Shop welding					
D-S4		Steel AWS D1.1 3 & 4 and AWS D1.8 6.1 Shop welding - WPS / WPQR					
D-S5		Steel CBC 1705.2 & 1705.12.1 High strength bolt installation					
D-S6		Steel CBC 1705.2, 1705.11.2 & 1705.12.3 Cold-formed steel light frame construction					
38 D-S7							
<u>§</u> D-S8	4						
D-W1		Wood CBC 1705.5, 1705.5.4, 1705.11.1 & 1705.12.2 Glue laminated timber					
D-W2		Wood CBC 1705.5.6, 1705.11.1 & 1705.12.2 Installation of timber connectors					
D-W3		Wood CBC 1705.5, 1705.5.2 & 1705.5.5 Manufactured trusses					
D-W4		Wood CBC 1705.11.1 & 1705.12.2 Nailing, screw attachment, bolting, anchoring, field gluing operations and other fastening					
6 D-W5							
D-W6							



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

acil	ity #:	Facility Name:		- ''	d by HCAI prior to proceeding with the related Project #:		Su
uon		r domy rumo.					
				ith "X" or nformation:			
lndex #	REQUIRED (Select with "X")	OFF-SITE SPECIAL INSPECTIONS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL (IDENTIFY SPECIAL INSPECTOR)	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE
D-OM1		Aluminum CBC 2003.1 Inspection					
D-OM2		Structural Sealant Glazing CBC 2410.1.2 Structural sealants for exterior glass curtain walls					
D-OM3							
	native	Systems		<u> </u>			
D-AS1		Alternative system CBC 1705.1.1 Construction materials and methods for alternative system					
D-AS2		Seismic Isolation System CBC 1705.12.8 Fabrication, installation, prototype, and production testing					
D-AS3		Seismic Damping System CBC 1705.12.8 Fabrication, installation, prototype, and production testing					
D-AS4							
ons	tructu	ral components, supports and attachments					
D-N1		Architectural components CBC 1705.12.5 & 1705.16 Cladding, nonbearing walls and veneer					
D-N2		Ceiling CBC 1705.12.5 Suspended ceiling systems and their anchorage					
D-N3		Access floors CBC 1705.12.5.1 Anchorage of access floor systems					
D-N4		Storage racks 8' or taller CBC 1705.12.7 Anchorage					
D-N5		Plumbing, mechanical and electrical components CBC 1705.12.6 Anchorage, bracing, and vibration isolators					
9N-Q		Special Seismic Certification CBC 1705.12.4 Special Seismic Certification label, anchorage and mounting					
D-N8 D-N7							



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

SI	EC1	TION D			cies, individuals, and all changes to the TIO produced by HCAI prior to proceeding with the related		tified, evalua
Facili	ity #:	Facility Name:			Project #:		Sub #
				ith "X" or nformation:			
# xəpul	REQUIRED (Select with "X")	OFF-SITE SPECIAL INSPECTIONS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL (IDENTIFY SPECIAL INSPECTOR)	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE (Initial/Date)
D-M1							
D-M2							
MB	ING I	NSPECTIONS		1			
D-P1							
D-P2							
	OTEC	CTION AND LIFE SAFETY SYSTEMS S Sprayed fire-resistant materials	PECIAL	INSPE	CTIONS		
D-FP1		CBC 1705.14 Spray-applied fireproofing					
D-FP2		Mastic and intumescent fire-resistant coatings CBC 1705.15 In accordance with AWCI 12-B					
D-FP3		Penetration firestops CBC 1705.17.1 Penetration firestop systems that are tested and listed					
D-FP4		Fire-resistant joint systems CBC 1705.17.2 Fire-resistant joint systems that are tested and listed					
D-FP5		Smoke control systems CFC 909.18.8 & CBC 170.17 & 1705.18 Ductwork and operation					
D-FP6		Sprinkler system piping NFPA 13-2016 § 6.5.2 Welded pipe and fittings					
D-FP7		Standpipe system piping NFPA 14-2016 § 4.4.2 Welded pipe and fittings					
D-FP8							
D-FP9							
	SPEC	IAL INSPECTIONS	1				
D-0T1		Exterior insulation and finish systems (EIFS) CBC 1705.16 EIFS applications					
D-0T2		Water-resistive barrier coating CBC 1705.16.1 & ASTM E2570 Barrier coating when installed over a sheathing substrate.					
р-отз							



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

SE	ECT	TION D		NOTE: Approved agencies, individuals, and all changes to the TIO program shall be identified, evaluate the DPOR and approved by HCAI prior to proceeding with the related work.						
Facili	acility #: Facility Name:			Project #:						
				ith "X" or nformation:						
# xəpul	REQUIRED (Select with "X")	OFF-SITE SPECIAL INSPECTIONS	Samples of test & inspection reports included	OPAA No. and Expiration Date	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL (IDENTIFY SPECIAL INSPECTOR)	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE (Initial/Date)			
D-0T4										



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

	SEC	TIC	ON E	REQUIRED COMPLIA	NCE F	ORMS
	Facility #:		Facility Name:	Project #:		Sub #:
	FORM#	REQUIRED (Select)	DOCUMENT NAME	RESPONSIBLE DESIGNER OR INSTALLING CONTRACTOR	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE (Initial/Date)
			RGY CODE L CERTIFICATE OF INSTALLATION (NRCI)			
, ile	NRCI-ENV-01-E		ENVELOPE			
	NRCI-MCH-01-E		MECHANICAL			
	NRCI-PLB-01-E		PLUMBING			
	NRCI-LTI-01-E		INDOOR LIGHTING (conditioned, processed spaces)			
	NRCI-LTI-02-E		ENERGY MANAGEMENT CONTROL SYSTEM OR LIGHTING CONTROL SYSTEM (conditioned, processed spaces)			
	NRCI-LTI-04-E		TWO INTERLOCKED LIGHTING SYSTEMS (conditioned, processed spaces)			



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

SEC	CTIC	ON E	REQUIRED COMPLIA	NCE F	ORMS
Facility #:		Facility Name:	Project #:		Sub #:
FORM #	REQUIRED (Select)	DOCUMENT NAME	RESPONSIBLE DESIGNER OR INSTALLING CONTRACTOR	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE (Initial/Date)
NRCI-LTI-05-E		ENERGY MANAGEMENT CONTROL SYSTEM OR LIGHTING CONTROL SYSTEM (conditioned, processed spaces)			
NRCI-LTI-06-E		VIDEO CONFERENCE STUDIO LIGHTING (conditioned, processed spaces)			
NRCI-LTI-01-E		INDOOR LIGHTING (conditioned, processed spaces)			
NRCI-LTI-02-E		ENERGY MANAGEMENT CONTROL SYSTEM OR LIGHTING CONTROL SYSTEM (conditioned, processed spaces)			
NRCI-LTI-05-E		ENERGY MANAGEMENT CONTROL SYSTEM OR LIGHTING CONTROL SYSTEM (conditioned, processed spaces)			
NRCI-LTO-01-E		OUTDOOR LIGHTING			



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

	SEC	CTIC	ON E	REQUIRED COMPLIANCE FORMS					
	Facility #:		Facility Name:	Project #:	Sub #:				
	FORM#	REQUIRED (Select)	DOCUMENT NAME	RESPONSIBLE DESIGNER OR INSTALLING CONTRACTOR	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE (Initial/Date)			
	NRCI-LTO-02-E		ENERGY MANAGEMENT CONTROL SYSTEM OR LIGHTING CONTROL SYSTEM (outdoor lighting)						
	NRCI-ELC-01-E		ELECTRICAL POWER DISTRIBUTION						
	NRCI-PRC-01-E		COVERED PROCESSES (commercial refrigeration)						
	NRCI-PRC-01-E		COVERED PROCESSES (parking garage)						
	NRCI-PRC-01-E		COVERED PROCESSES (process boilers greater than 2.5 MM Btu/h)						
	NRCI-LTS-01-E		SIGN LIGHTING (indoor and outdoor)						
N	ON-RESIDENTIAL CERTIFICATE OF ACCEPTANCE (NRCA)								



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

SEC	TIC	ON E	REQUIRED COMPLIANCE FORMS					
FORM #		Facility Name:	Project #:	Sub #:				
		DOCUMENT NAME	RESPONSIBLE DESIGNER OR INSTALLING CONTRACTOR	COMPLIANCE VERIFICATION BY IOR (Initial/Date)	HCAI/FDD USE (Initial/Date)			
NRCA-ENV-02-F		FENESTRATION ACCEPTANCE						



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

SECTION F		CONSTRUCTION VERIFICATION									
Facili	ty Name:							Proj	ect #:		Sub #:
VERIFIED CONSTRUCTION IN	SPECTIO	N AND	OBSERV	/ATION I	REPORT	ING					
VERIFIED COMPLIANCE REPORT REQUIRED AS INDICATED							FOR HCAI				
PROJECT MILESTONE OR INTERVAL	(Form OSH-FD-123)									USE ONLY	
TROUGHT INITEGRAL ON INTERVAL	(366	FERSO	INAL KIN	OWLLD			Callioni	ia Aumin	istiative	cou e ,	
	GEOR	ΔOR	SEOR	MEOR	FFOR	CONT	IOR	SP	TEST		HCAI FDD
Clear all plan review Outstanding Home	GEGIN	AOA	OZOIX	III ZOIX	LLON	CONT	ioit	INSP	LAB		110741122
List (OIL) Items											
Installation of temporary equipment											
Removal of temporary equipment											
								-			
projects, Equipment Replacement)											
Certificate of Occupancy											
(New Buildings, Additions, Changes in Occupancy)											
Construction Final											
GEOR - Gentechnical Engineer of Record		10P 1	robitost	of Poss	d]	SEOR	Structur	al Engine	er of Pa	ecord
						cord			_		
SP. INSP - Special Inspector	-										d agency
	VERIFIED CONSTRUCTION IN: PROJECT MILESTONE OR INTERVAL Clear all plan review Outstanding Items List (OIL) Items Installation of temporary equipment Removal of temporary equipment Substantial Compliance (Remodel, Renovations, Maintenance projects, Equipment Replacement) Certificate of Occupancy (New Buildings, Additions, Changes in Occupancy)	PROJECT MILESTONE OR INTERVAL (See GEOR Clear all plan review Outstanding Items List (OIL) Items Installation of temporary equipment Removal of temporary equipment Substantial Compliance (Remodel, Renovations, Maintenance projects, Equipment Replacement) Certificate of Occupancy (New Buildings, Additions, Changes in Occupancy) Construction Final GEOR - Geotechnical Engineer of Record	VERIFIED CONSTRUCTION INSPECTION AND INTERVAL PROJECT MILESTONE OR INTERVAL GEOR AOR Clear all plan review Outstanding Items List (OIL) Items Clear all plan review Outstanding Items List (OIL) Items Installation of temporary equipment Removal of temporary equipment Substantial Compliance (Remodel, Renovations, Maintenance projects, Equipment Replacement) Certificate of Occupancy (New Buildings, Additions, Changes in Occupancy) Construction Final GEOR - Geotechnical Engineer of Record AOR - A	VERIFIED CONSTRUCTION INSPECTION AND OBSERV VERIFIED COI PROJECT MILESTONE OR INTERVAL GEOR AOR SEOR Clear all plan review Outstanding Items List (OIL) Items Installation of temporary equipment Removal of temporary equipment Substantial Compliance (Remodel, Renovations, Maintenance projects, Equipment Replacement) Certificate of Occupancy (New Buildings, Additions, Changes in Occupancy) Construction Final VERIFIED COI (See "PERSONAL KN GEOR AOR SEOR Installation of temporary equipment Substantial Compliance (Remodel, Renovations, Maintenance projects, Equipment Replacement) Certificate of Occupancy (New Buildings, Additions, Changes in Occupancy) Construction Final	VERIFIED CONSTRUCTION INSPECTION AND OBSERVATION IN VERIFIED COMPLIANCE (See "PERSONAL KNOWLEDGE	VERIFIED CONSTRUCTION INSPECTION AND OBSERVATION REPORT VERIFIED COMPLIANCE REPORT (Form OS Section GEOR AOR SEOR MEOR EEOR Clear all plan review Outstanding Items List (OIL) Items Clear all plan review Outstanding Items List (OIL) Items Installation of temporary equipment Removal of temporary equipment Substantial Compliance (Remodel, Renovations, Maintenance projects, Equipment Replacement) Certificate of Occupancy (New Buildings, Additions, Changes in Occupancy) Construction Final CONSTRUCTION AND OBSERVATION REPORT VERIFIED COMPLIANCE REPORT (See "PERSONAL KNOWLEDGE" as discrete as described as a section of Section VERIFIED COMPLIANCE REPORT (See "PERSONAL KNOWLEDGE" as discrete as a section of Section VERIFIED COMPLIANCE REPORT (See "PERSONAL KNOWLEDGE" as discrete as a section of Section VERIFIED COMPLIANCE REPORT (See "PERSONAL KNOWLEDGE" as discrete as a section of Section VERIFIED COMPLIANCE REPORT (See "PERSONAL KNOWLEDGE" as discrete as a section of Section VERIFIED COMPLIANCE REPORT VERIFIED COMP	VERIFIED CONSTRUCTION INSPECTION AND OBSERVATION REPORTING VERIFIED COMPLIANCE REPORT REC (Form OSH-FD-12 (See *PERSONAL KNOWLEDGE* as defined in Section 7-161) GEOR AOR SEOR MEOR EEOR CONT Clear all plan review Outstanding Items List (OIL) Items Installation of temporary equipment Removal of temporary equipment Substantial Compliance (Remodel, Renovations, Maintenance projects, Equipment Replacement) Certificate of Occupancy (New Buildings, Additions, Changes in Occupancy) Construction Final GEOR - Geotechnical Engineer of Record AOR - Architect of Record	VERIFIED CONSTRUCTION INSPECTION AND OBSERVATION REPORTING VERIFIED COMPLIANCE REPORT REQUIRED (Form OSH-FD-123) (See "PERSONAL KNOWLEDGE" as defined in California (Section 7-151)") GEOR AOR SEOR MEOR EEOR CONT IOR Clear all plan review Outstanding Items List (OIL) Items Clear all plan review Outstanding Items List (OIL) Items Installation of temporary equipment Removal of temporary equipment Removal of temporary equipment Substantial Compliance (Remodel, Renovations, Maintenance projects, Equipment Replacement) Certificate of Occupancy (New Buildings, Additions, Changes in Occupancy) Construction Final GEOR - AOR - Architect of Record SEOR	VERIFIED CONSTRUCTION INSPECTION AND OBSERVATION REPORTING VERIFIED COMPULANCE REPORT REQUIRED AS INDI (Form OSH-FD-123) (See "PERSONAL KNOWLEDGE" as defined in California Admin Section 7-151) GEOR AOR SEOR MEOR EEOR CONT IOR SP INSP Clear all plan review Outstanding Items List (OIL) Items Installation of temporary equipment Removal of temporary equipment Removal of temporary equipment Substantial Compliance (Remodel, Ronovations, Maintenance projects, Equipment Replacement) Certificate of Occupancy (New Buildings, Additions, Changes in Occupancy) Construction Final GEOR - Geotechnical Engineer of Record AOR - Architect of Record SEOR - Structur SEOR - Structur	VERIFIED CONSTRUCTION INSPECTION AND OBSERVATION REPORTING VERIFIED CONSTRUCTION INSPECTION AND OBSERVATION REPORTING VERIFIED COMPULANCE REPORT REQUIRED AS INDICATED (Form 05H-FD-123) (See "PERSONAL KNOWLEDGE" as defined in California Administrative Section 7-151)	VERIFIED CONSTRUCTION INSPECTION AND OBSERVATION REPORTING VERIFIED CONSTRUCTION INSPECTION AND OBSERVATION REPORTING



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

SECTION G	Inspector of Record (IOR) Responsibility						
Facility #:	Facility Name:	Project #:	Sub #:				
This Section only required when more than one IOR will share responsibility on the projection							
INSPECTOR OF RECORD RESPONSIBILITIES. Per CAC 7-145: "The Inspector shall have personal knowledge, obtained by continuous inspectic construction in all stages of its progress to ensure that the work is in accordance with the approved construction documents." This includes ap Referenced Standards, Listings and Manufacturer's Installation Instructions applicable to the work shown in the approved construction documents more than one inspector of record, the distribution of responsibilities for the work shall be clearly identified for each IOR per CAC 7-141(f). be designated as the 'lead' IOR per CAC 7-144(b). One IOR shall be assigned responsibility for "all other work" to make sure responsibility for the work is assigned.							
INSPECTOR OF RECORD CAC 7-141, 7-145 & 7-151	SCOPE OF INSPECTION		PERFORMED OFF-SITE				
5.76 7 141, 7-140 W 1-101			OIT OITE				
	All other work						



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

SECTION H	HCA	I R	EVIEWED					
Facility #:	Facility Name:		Project #:	Sub #:				
NOTE: When a structural engineer has been delegated responsibility for a portion of this project his or her signature is also required. For testing, Insand Observation Program Instructions visit: https://HCAI.ca.gov/construction-finance/resources/forms-applications-reminder-lists/#TIO								
Submitted By:								
I have reviewed the approved as "required" on this form.	d construction documents for this project and al	tests	s and special inspections required by Code a	are marked				
		_						
Architect/Engineer of Record (Print	Name)	Arc	hitect/Engineer of Record (Signature)	Date				
Structural Engineer of Record (Print	Name)	Stru	uctural Engineer of Record (Signature)	Date				
	FOR HCAI US							
Reviewed by HCAI Plan Review S	aff:							
		-						
Signature	Date		REVIEWED REVIEWED WITH COMMENTS					
confirm the applicability of	ff must provide verification that the TIO protes the tests and inspections identified in the Tion the	lO pr	ogram for work scope, building systems					



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

SECTION I	TIO PROG	GRAM APPROVAL								
Facility #:	Facility Name:	Project #:	Sub #:							
NOTE: For testing, Inspection and Observation Program Instructions visit: www.HCAl.ca.gov										
This program is prepared and submitted for an OSHPD 2 or OSHPD 5 project. OSHPD 2 projects are limited to construction and remodel projects for: skilled nursing facilities and/or intermediate-care facilities of Type V, wood or light steel-frame construction. OSHPD 5 projects are limited to construction and remodel projects for: acute psychiatric hospitals subject to licensure.										
Samples of Test and Inspection	Samples of Test and Inspection Reports are: (NOT required for test performed by laboratories approved through OPAA Program)									
All test and special inspection reportesting agency per CAC 7-149(a).	ts shall be submitted to the IOR, hospital owner, a	rchitect in responsible charge, and the structura	l engineer by the							
All reports shall clearly state whethe whether the results indicate complia	Verified compliance reports shall be signed by the individual who performed the special inspection(s) as outlined in CAC 7-151 (c). All reports shall clearly state whether the tests or special inspections were performed in accordance with the HCAI stamped approved documents and whether the results indicate compliance with those documents per CAC 7-149 (a). All IORs performing special inspections shall hold the appropriate certification and equipment and shall obtain approval from the design professional of record and HCAI prior to perform such work.									
NOTE: This Test Inspection and Ob	oservation Report shall be approved by HCAI field	personnel prior to start of construction.								
Architect/Engineer of Record (Print Nam	ne) Professional License #	Architect/Engineer of Record (Signature)	Date							
	FOR HCAI FIELD STAF	FUSE								
TIO Program Approved by HCAI Field	Staff:									
Signature	 Date	APPROVED APPROVED WITH COMMENTS								
Note: HCAI plan review staff must provide verification that the TIO program has been "Reviewed" prior to plan approval to confirm the applicability of the tests and inspections identified in the TIO program for work scope, building systems, and the construction materials shown in the design drawings. HCAI Field staff will issue subsequent "TIO Program Approval". If "Approved with Comments" is checked the following comments shall be resolved by the designer prior to proceeding with the related construction:										



355 South Grand Avenue, Suite 1900 Los Angeles, CA 90071



Testing, Inspection, and Observation Program

		SUMMARY OF CHANGES TO THE TIO PROGRAM							
SECT	ION J	NOTE: Note all changes shall be approved as amended construction documents per CAC 7-153, or "concurred with" as non-material alterations per CAC 7-153(b), by HCAI prior to							
0201		ioo, or concurred t	proceeding with th	e related work.	,, by mora prior to				
Facility #:	Facility N	lame:		Project #:	Sub #:				
-				-					
TESTING, INSPECTION, OBSERVATION PROGRAM NON-MATERIALLY ALTER CHANGES BY THE ARCHITECT OF RECORD / ENGINEER OF RECORD IN RESPONSIBLE CHARGE									
A signature in column F and/or G indicates the indicated DPOR has verified the acceptance statements in Section G of this Form are applicable to any approved agencies/testing laboratories and special inspectors added.									
REVISION NUMBER	SYNOPSIS OF CHANGE	Architect/Engineer of Record Signature (Initial/date)	Structural Engineer of Record Signature (Initial/date)	DATE of Effective Change	(Initial/date)				