

DSA 103 - 2 / PC T-2

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UNIT SELEC

MODEL: DSA4012030-16 STRUCTURE: 20'X30'X12' (MAX.) HIP UNIT MAX. AREA - 600 SQ. FT. MAX. OCCUPANCY = 40

MODEL: DSA4013030-16 STRUCTURE: 30'X30'X12' HIP UNIT MAX. AREA - 900 SQ. FT. MAX. OCCUPANCY = 60

MODEL: DSA4013040-16 STRUCTURE: 30'X40'X15' HIP UNIT MAX. AREA - 1200 SQ. FT. MAX. OCCUPANCY = 80

MODEL: DSA401S2030-1 STRUCTURE: 20'X30'X12' HIP (20 PSF SNOW LOAD) MAX. AREA - 600 SQ. FT. MAX. OCCUPANCY = 40

MODEL: DSA4073030-16 STRUCTURE: 30'X30'X14' (MAX) MARINER PEAK UNIT MAX. AREA - 900 SQ. FT. MAX. OCCUPANCY = 60

MODEL: DSA407Q6060-16

STRUCTURE: 60'X60'X12' MARINER PEAK QUAD MAX. AREA - 3600 SQ. FT. MAX. OCCUPANCY = 120

NUMBER OF UNITS JOINED IS GOVERNED BY TOTAL AREA, OCCUPANCY AND SITE CONDITIONS

FABRIC SHADE STRUCTURE DSA P.C. 04-117140

SITE SPECIFIC APPLICATION TITLE SHEET SHALL INCLUDE

APPLICABLE CODES

- 2016 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.* • 2016 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (2015 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2016 CALIFORNIA AMENDMENTS)
- 2016 CALIFORNIA ELECTRICAL CODE (CEC) , PART 3, TITLE 24 C.C.R.
- (2014 NATIONAL ELECTRICAL CODE AND 2016 CALIFORNIA AMENDMENTS) • 2016 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
- (2015 UNIFORM MECHANICAL CODE AND 2016 CALIFORNIA AMENDMENTS)
- 2016 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
- (2015 UNIFORM PLUMBING CODE AND 2016 CALIFORNIA AMENDMENTS)
- 2016 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R. *
- 2016 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
- (2015 INTERNATIONAL FIRE CODE AND 2016 CALIFORNIA AMENDMENTS) • 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
- 2016 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
- TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS 2013 ASME A17.1 SAFETY CODE FOR ELEVATORS AND ESCALATORS

PARTIAL LIST OF APPLICABLE STANDARDS

NFPA 13	AUTOMATIC FIRE SPRINKLER SYSTEMS	2016 EDITION
NFPA 14	STANDPIPE AND HOSE SYSTEMS	2013 EDITION
NFPA 17	DRY CHEMICAL EXTINGUISHING SYSTEMS	2013 EDITION
NFPA 17a	WET CHEMICAL EXTINGUISHING SYSTEMS	2013 EDITION
NFPA 20	STATIONARY PUMPS FOR FIRE PROTECTION	2016 EDITION
NFPA 22	WATER TANKS FOR PRIVATE FIRE PROTECTION	2013 EDITION
NFPA 24	PRIVATE FIRE MAINS & THEIR APPURTENANCES	2016 EDITION
NFPA 25	STANDARD FOR INSPECTION, TESTING AND MAINTENANCE	2013 EDITION
	OF WATER-BASED FIRE PROTECTION SYSTEMS	
NFPA 72	NATIONAL FIRE ALARM & SIGNALING CODE	2016 EDITION
NFPA 80	FIRE DOORS AND OTHER OPENING PROTECTIVES	2016 EDITION
NFPA 92	STANDARD FOR SMOKE CONTROL SYSTEMS	2015 EDITION
NFPA 253	CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS	2015 EDITION
NFPA 2001	CLEAN AGENT FIRE EXTINGUISHING SYSTEMS	2015 EDITION
ICC 300	ICC STANDARDS ON BLEACHERS, FOLDING AND	2012 EDITION
	TELESCOPING SEATING, AND GRAND STANDS	
UL 300	FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS	2005 EDITION
	FOR PROTECTION OF RESTAURANT COOKING AREAS	
UL 464	AUDIBLE SIGNAL APPLIANCES	2003 EDITION
UL521	HEAT DETECTORS FOR FIRE PROTECTIVE	1999 EDITION
	SIGNALING SYSTEMS	

REFERENCE CODE SECTION FOR NFPA STANDARDS-2016 CBC (SFM) CHAPTER 35. SEE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO NFPA STANDARDS.

SEE INDIVIDUAL STRUCTURAL DRAWINGS FOR SPECIFIC DESIGN NOTES AND LOADING.

ALL WORK SHALL CONFORM TO 2016 EDITION TITLE 24,

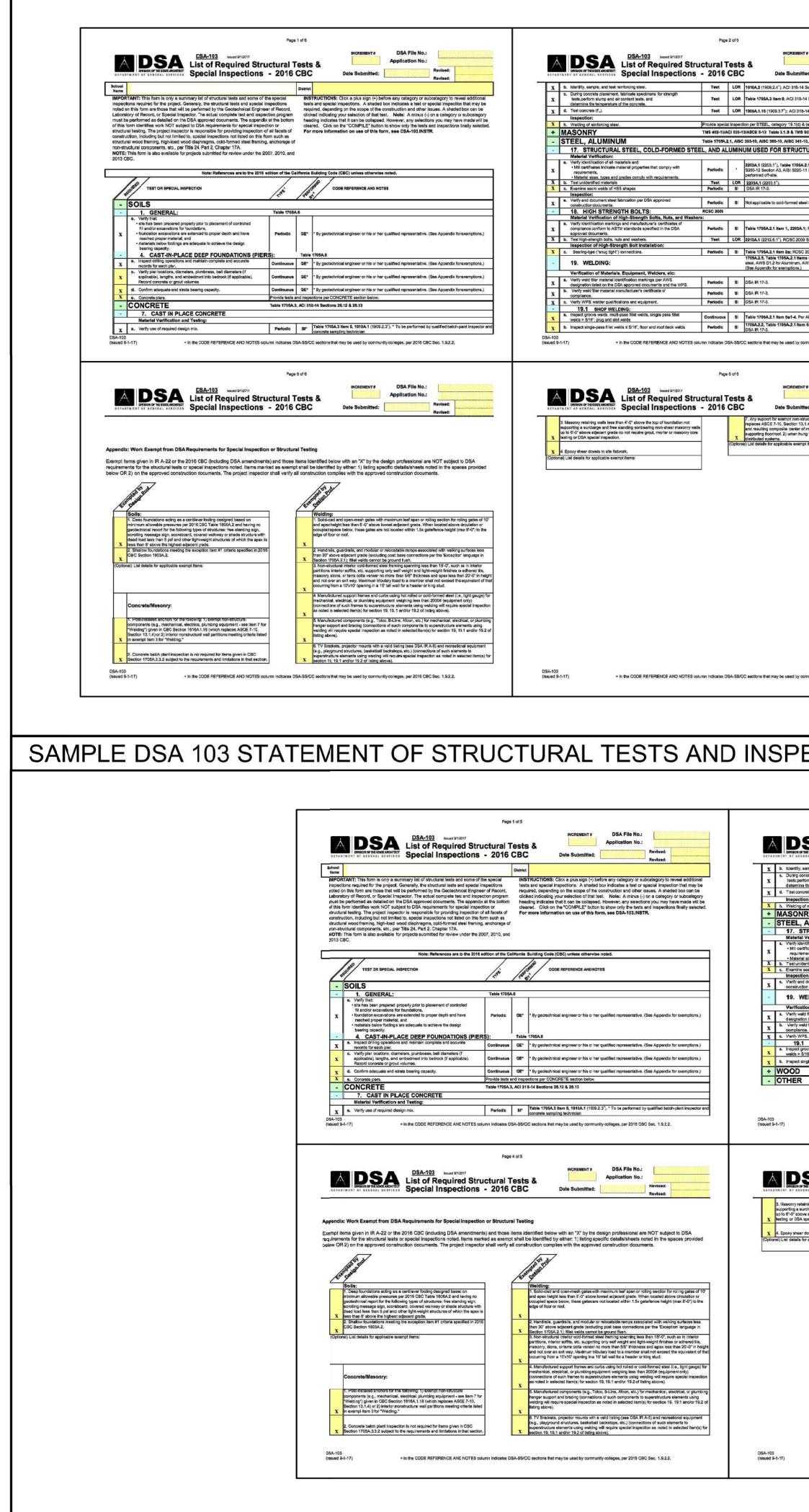
BUILDING CODE DATA

CALIFORNIA CODE OF REGULATIONS (C.C.R.)

USASHADE & Fabric Structures_®

			DRAWING NUMBER	DRAWING DESCRIP	FION S
			P.C. T-1.0	P.C. TITLE SHEET	
8	h.		P.C. T-2.0	DSA 103 FORMS	
	A		1.1-1000	PRODUCT INFORMATION	HIP
			1.2-2000	REACTIONS	HIP
			2.1-1000	PRODUCT INFORMATION	HIP
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DSA 103 - 1 / PC T-2.0			5.1-1000	PRODUCT INFORMATION	SINGLE P
MODEL: DSA2022030-16 STRUCTURE: 20'X30'X14' FULL CANTI HIP SINGLE	MODEL: DSA2062030-16 STRUCTURE: 20'X30'X14' TRI TRUSS HIP SINGLE WIDE	MODEL: DSA1031414-16 STRUCTURE: 14'X14'X14' SINGLE POST PYRAMID UNIT	5.2-2000	REACTIONS	SINGLE P
STRUCTURE: 20X30X14' FULL CANTI HIP SINGLE MAX. AREA - 600 SQ. FT. MAX. OCCUPANCY = 40	STRUCTURE: 20'X30'X14' TRI TRUSS HIP SINGLE WIDE MAX. AREA - 600 SQ. FT. MAX. OCCUPANCY = 40	STRUCTURE: 14'X14'X12' SINGLE POST PYRAMID UNIT MAX. AREA - 196 SQ. FT. MAX. OCCUPANCY = 13	6.1-1000	PRODUCT INFORMATION	MARINER
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DSA 103 - 1 / PC T-2.0	DSA 103 - 1 / PC T-2.0	DSA 103 - 2 / PC T-2.0	12.1-1000	PRODUCT INFORMATION	
MODEL: DSA3022060-16	MODEL: DSA3052060-16	MODEL: DSA4182020-16	12.2-2000		
STRUCTURE: 20'X60'X14' FULL CANTI HIP JOINED MAX. AREA - 1200 SQ. FT. MAX. OCCUPANCY = 80	STRUCTURE: 20'X60'X14' T RI TRUSS HIP JOINED MAX. AREA - 1200 SQ. FT. MAX. OCCUPANCY = 80	STRUCTURE: 20'X20'X14' TENSION SAILS JOINED MAX. AREA/SAIL - 400 SQ. FT./SAIL MAX. OCCUPANCY / SAIL = 26 / SAIL	13.1-1000	PRODUCT INFORMATION	
NUMBER OF UNITS JOINED IS GOVERNED BY TOTAL	NUMBER OF UNITS JOINED IS GOVERNED BY TOTAL	NUMBER OF UNITS JOINED IS GOVERNED BY TOTAL	13.2-2000	REACTIONS	
AREA, OCCUPANCY AND SITE CONDITIONS	AREA, OCCUPANCY AND SITE CONDITIONS	AREA, OCCUPANCY AND SITE CONDITIONS	14.1-1000	PRODUCT INFORMATION	FOUR-PO
			14.2-2000	REACTIONS	FOUR-PO
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			15.2-2000	REACTIONS	FOUR PO
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				HIGGINSON ARCHITECTS INCORPORATED	SED ARCHITE
DSA 103 - 2 / PC T-2.0	DSA 103 - 2 / PC T-2.0			okside Avenue	PAR OF CALIFOR
MODEL: DSA407J3060-16 STRUCTURE: 20'X60'X12' MARINER PEAK JOINED MAX. AREA - 1800 SQ. FT. MAX. OCCUPANCY = 120	MODEL: DSA4183030-16 STRUCTURE: 30'X30'X14' TENSION SAILS JOINED MAX. AREA/SAIL- 900 SQ. FT./SAIL MAX. OCCUPANCY / SAIL = 60 /SAIL	MODEL: DSA30730-16 STRUCTURE: 30'X30'X12' TENSION SAILS JOINED MAX. AREA/SAIL - 480 SQ. FT. / SAIL MAX. OCCUPANCY / SAIL = 120	(909	ds, CA 92373 9)375-3030	08/10/2018 10:19:20 AM
NUMBER OF UNITS JOINED IS GOVERNED BY TOTAL AREA, OCCUPANCY AND SITE CONDITIONS	NUMBER OF UNITS JOINED IS GOVERNED BY TOTAL AREA, OCCUPANCY AND SITE CONDITIONS	NUMBER OF UNITS JOINED IS GOVERNED BY TOTAL AREA, OCCUPANCY AND SITE CONDITIONS	www.n	aarchinc.com	
			ARC	HITECT OF R	FCORD
UNIT SELECTION AND DESCRIPTION					

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<u>SIT</u>	E SPECIFIC APPLICA	TION SITE PLA	N SHALL INCLUDE:		PERT	'Y OF	USA S	CIFICA ⁻ SHADE / D SHAL	AND I	FABRIC	
1. ACTUAL DIMENSIONS OF SHADE STRUCTURES.						JCED		OUT TH			N
	DIMENSIONS FROM ADJACENT PROPERTY LINES.	STRUCTURES AND PI	ROXIMITY OF ASSUMED OR ACTUAL								
		TYPE OF CONSTRUCT	E STRUCTURE AREA (SQ. FT.), ON (V-B). INDICATE OCCUPANT LOAD								
	•		N 75 FEET.								
5. 5						8	J) Fabi	A S fic s)円 trư	AL c'iur)上 es®
7. A E	ACTUAL SITE ELEVATION (FT.)	TO DETERMINE SITE (OCCURS AT OR BELOW THE UPPER OWN IN ASCE 7-10 (FOR SNOW LOAD								
8. F	FOR RECESSED BASE PLATE (со	RPO	RA	ГЕ НЕ		UAR	TERS	6
 FOR RECESSED BASE PLATE (RBP) OPTION: ARCHITECT/ENGINEER OF RECORD TO SPECIFY THE LOWEST ANTICIPATED SERVICE TEMPERATURE (LAST). AS DEFINED IN AISC 341-10 SECTION A.3.4b, A4.1 AND A4.2 PER NOTE ON EACH INDIVIDUAL MODEL ENGINEERING DRAWING WHICH RELATES TO DEMAND CRITICAL WELD AND "L.A.S.T." TEMPERATURE (EITHER STRUCTURAL STEEL NOTE #14). 					CORPORATE HEADQUARTERS 8505-A CHANCELLOR ROW DALLAS, TX, 75247 800-966-5005						
			E STRUCTURE MODEL NUMBER, P.C.								
NUMBER, AND SPECIFIC SIZE OF SHADE STRUCTURE. 10. ALL SADDLES, CLAMPS AND FITTINGS SHALL CONFORM TO THE GUIDELINES AS SPECIFIED IN APPENDICES "A, B & C" RESPECTIVELY IN ASCE 19-10, "STRUCTURAL APPLICATIONS OF IAS CERTIFICATION No:						: FA-4	28				
S	STEEL CABLES FOR BUILDINGS	5."						1ANUFA BER (N			
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SAMPLE DSA 103 STATEMENT OF STRUCTURAL TESTS AND INSPE

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malowe@me.com SHEET P.C. T-2.0 REV.
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	Page 2 of 5	Page 3 of 5
DSA-103 INNUE BILLET	- 2016 CBC Date Submitted: Revised: Revised:	DSA-103 INNER SPECTOR OF REQUIRED STRUCTURAL Tests & DSA File No.: DEFAULTMENT OF DEFAULT OF DETAULTER A CERT DEFAULTMENT OF DETAULTER A CERT OF DETAUL
ify, sample, and test reinforcing steel. g concrete placement, fabricate specimens for strength perform slump and air content tests, and	Test LOR 1910A.2 (1999.2.4"); ACI 318-14 Section 26.6.1.2. DSA IR 17-10.16 Test LOR Table 1705A3 item 6; ACI 318-14 Sections 26.5.8 28.12	X 29 SHADE FABRIC FIRE MARSHALL CERT CERT CERTIFICATION BY MANUFACTURER, ACCEPTED BY INSPECTOR OF RECORD
mine the temperature of the concrete.	Test LDR 19954.1.16 (1909.3.7*); ACI 318-14 Section 26.12.	List of required verified report(s): Soils testing and inspection: Gedechnical Verified Report - Form DSA-293
ection: ing of reinforcing steel.	Provide special inspection per STEEL, category 19.1(d) & (e) and/or 19.2(g) & (h) below.	2 All Structural Testing: Laboratory Verified Report - Form DSA-291 3 Concerning Bable Filest Integrations: Laboratory Verified Report Form DSA-291
DNRY	TMS 402-13/ACI 530-13/ASCE 5-13 Table 3.1.3 & TMS 602-13/ACI 530.1-13/ASCE 6-13 Table 5	4 Stop Welding Inspection: Laboratory Verified Report - Form DSA-281, or, br independently contracting SI, Special Inspection Verified Report - Form DSA-282 KEY to Columns
	Table 1705A.2.1, AISC 303-10, AISC 360-10, AISC 341-10, AISC 358-10, AISI 8100-07/52-10 L, AND ALUMINUM USED FOR STRUCTURAL PURPOSES	1 Type - 2 Performed By -
rial Verification: ridentification of all materials and:		Continuous - Indicates that a continuous special inspection is required GE - Indicates that the special inspection is to be performed by a registered geotechnical engineer or his or her authorized representative
certificates indicate material properties that comply with uirements,	2203A.1 (2203.1 ⁺), Table 1705A.2.1 ltem 3a-3c; AISI S100-07/S2-10 Section A2.1 & A2.2, AISI Periodic S200-12 Section A3, AISI S220-11 Section A4, * By special inspector or qualified technolan when performed of-site.	Periodic – Indicates that a periodic special inspection is required LOR – Indicates that the test or inspection is to be performed by a testing laboratory accepted in the DSA Laboratory Evaluation and Acceptance (LEA) Program. See section 4-394, 2013 CCR Title 24, Part 1.
terial sizes, types and grades comply with requirements. unidentified materials	Test LOR 2203A.1 (22)3.1*).	Test - Indicates that a test is required SI - Indicates that the special inspection is to be performed by a special inspector
ine seam welds of HSS shapes ection: / and document steel fabrication per DSA approved		
and doolinein steel aproader per Doy approved	Periodic SI Not applicable to cold-formed steel light-frame construction, except for trusses (1705A.2.4). 1705A.2.5, Table 1705A.2.1 Items 4 & 5; DSA IR 17-3, AWS D1.1 and AWS D1.8 for structural	
WELDING:	steel AWS D1.2 for Aluminum, AWS D1.3 for cold-formed steel, AWS D1.4 for reinforcing steel. (See Appendix for exemptions.)	IDENTIFICATION STAMP Name of Architect or Engineer in general responsible charge DIV OF THE STATE ARCHITECT
ication of Materials, Equipment, Welders, etc: weld filer material identification markings per AWS	Periodic SI DSAIR 17-3	APP.#
nation listed on the DSA approved documents and the WPS. y weld filler material manufacture's certificate of liance.	Periodic SI DSA IR 17-3	Neme of Structural Engineer (When structural design has been delegated) AC N/A F/LS N/A SS
WPS, welder qualifications and equipment.	Periodic SI DSAIR 17-3	Signature of Architect or Structural Engineer date DATE
9.1 SHOP WELDING: ct groove welds, multi-pass fillet welds, single pass fillet > 5/16°, plug and slot welds	Continuous SI Table 1705A2.1 Item Se1-4. Per AISC 350-10 (and AISC 341-10 as applicable). DSA R 17-3.	
ct single-pass fillet welds ≤ 5/15', floor and roof deck welds	Periodic SI 1705A.2.2, Table 1705A.2.1 Item 5e.5 & Sa.6. Per AISC 360-10 (and AISC 341-10 as applicable). DSA IR 17-3	
D R		
PAGE 10 Inspection will literate the literate several several literate and the literate of regular and the several sev		 ADDITIONAL TESTING AND INSPECTION NOTES: THE PROJECT INSPECTOR AND TESTING AGENCY SHALL BE SELECTED BY THE SCHOOL DISTRICT AND APPROVED BY DSA AND THE ARCHITECT OF RECORD. THE SITE PROJECT INSPECTOR SHALL BE CLASS 2 (CLASS 3 MAY BE SELECTED FOR STRUCTURES OF DEOVERED AREAS LESS THAN 200 SQUARE FEET). THE COSTS OF THE PROJECT INSPECTOR AND TESTING AGENCY SHALL BE BORN BY THE SCHOOL DISTRICT. COPIES OF VERIFIED REPORTS SHALL BE SENT TO DSA, THE ARCHITECT, THE SCHOOL DISTRICT, THE CONTRACTOR, AND THE PROJECT INSPECTOR.
		 THE IN PLANT INSPECTOR SHALL BE WELDING SPECIAL INSPECTOR FOR MATERIAL VERIFICATION AND WELDING. PER 2016 CBC, SECTION 1705A.3.3.2 & 1705A.3.3.1, BATCH PLANT INSPECTION MAY BE WAIVED WHEN THE FOLLOWING REQUIREMENTS ARE MET: A LICENSED WEIGHMASTER SHALL POSITIVELY IDENTIFY QUANTITY OF MATERIALS AND CERTIFY EACH LOAD BY A BATCH TICKET. BATCH TICKETS, INCLUDING MATERIAL QUANTITIES AND WEIGHTS SHALL ACCOMPANY THE LOAD, SHALL BE TRANSMITTED TO THE INSPECTOR OF RECORD BY THE TRUCK DRIVER WITH LOAD IDENTIFIED THEREON. THE LOAD SHALL NOT BE PLACED WITHOUT A BATCH TICKET IDENTIFYING THE MIX. THE INSPECTOR OF RECORD SHALL NOT BE PLACED OF PLACEMENTS, IDENTIFYING EACH TRUCK IT'S LOAD, AND TIME OF RECORD SHALL KEEP A DAILY RECORD OF PLACEMENTS, IDENTIFYING EACH TRUCK IT'S LOAD, AND TIME OF RECEIPT AT THE JOBSITE, AND APPROXIMATE LOCATION OF DEPOSIT IN THE STRUCTURE AND SHALL MAINTAIN A COPY OF THE DAILY RECORD AS REQUIRED BY THE ENFORCEMENT AGENCY.
		THE EXAMPLE DSA-103 FORM SHOWN ON THIS SHEET IS FOR ILLUSTRATION PURPOSES ONLY TO ASSIST IN THE COMPLETION OF FUTURE PROJECT SPECIFIC FORM DSA-103'S. A CURRENT DSA-103 FORM IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND ALL EXAMPLE DSA-103'S ARE TO BE CROSSED OUT ON THIS DRAWING.
+ In the CODE REFERENCE AND NOTES colu	mn Indicates DSA-SSYCC sections that may be used by community colleges, per 2016 CBC Sec. 1.9.2.2.	