	ATEMENT OF SPI		ONS - SOILS		
REFERENCES. ID	INSPECTION	N/TESTING			
SYSTEM OR MATERIAL	CODE OR STANDARD REFERENCE	FREQUENCY	REMARKS		
VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	IBC 1705.6 AND APPROVED GEOTECH. REPORT	PERIODIC	BY THE GEOTECHNICAL ENGINEER.		
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL	IBC 1705.6 AND APPROVED GEOTECH. REPORT	PERIODIC	BY THE GEOTECHNICAL ENGINEER.		
PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	IBC 1705.6 AND APPROVED GEOTECH. REPORT	PERIODIC	BY THE GEOTECHNICAL ENGINEER.		
VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL	IBC 1705.6 AND APPROVED GEOTECH. REPORT	CONTINUOUS	BY THE GEOTECHNICAL ENGINEER.		
PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	IBC 1705.6 AND APPROVED GEOTECH. REPORT	PERIODIC	BY THE GEOTECHNICAL ENGINEER. DURING FILL PLACEMENT, THE SPECIAL INSPECTOR SHALL VERIFY THAT PROPER MATERIALS AND PROCEDURES ARE USED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT.		
PROCTOR TESTS OF STRUCTURAL FILL MATERIAL	ASTM 698	EACH MATERIAL TO BE COMPACTED	BY GEOTECHNICAL ENGINEER		
STRUCTURAL FILL IN-PLACE DENSITY	ASTM D1556	EACH 5000 SF OF EACH LIFT PLACED EACH DAY	BY GEOTECHNICAL ENGINEER		

0	STATEMENT OF SPECIAL INSPECTIONS - FABRICATED ITEMS						
REFERENCES: IBC (2021) SECTION 1705.11							
SYSTEM OR	INSPEC CODE OR STANDARD						
MATERIAL	REFERENCE	FREQUENCY	REMARKS				
FABRICATED ITEMS	IBC 1704.2.5	PERIODIC	INSPECT FABRICATION OF STRUCTURAL, LOAD-BEARING OR LATERAL LOAD-RESISTING MEMBERS OF ASSEMBLIES CONDUCTED ON THE PREMISES OF A FABRICATOR'S SHOP. SPECIAL INSPECTIONS OF THE FABRICATED ITEMS SHALL BE PERFORMED DURING FABRICATION, EXCEPT WHERE THE FABRICATOR HAS BEEN APPROVED TO PERFORM WORK WITHOUT SPECIAL INSPECTIONS IN ACCORDANCE WITH SECTION 1704.2.5.1.				
FABRICATOR			VERIFY THAT THE FABRICATOR IS APPROVED TO PERFORM WORK WITHOUT SPECIAL INSPECTION BASED ON REVIEW OF THE FABRICATOR'S WRITTEN FABRICATION PROCEDURES AND QUALITY CONTROL MANUALS THAT PROVIDE A BASIS FOR CONTROL OF MATERIALS AND WORKMANSHIP, WITH PERIODIC AUDITING OF FABRICATION AND QUALITY CONTROL PRACTICES BY AN APPROVED AGENCY OR THE BUILDING OFFICIAL. CONFIRM THAT THE APPROVED FABRICATOR SUBMITTED A CERTIFICATE OF COMPLIANCE TO THE OWNER OR THE OWNER'S AUTHORIZED AGENT FOR SUBMITTAL TO THE BUILDING OFFICIAL AS SPECIFIED IN SECTION 1704.5 STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS AT				

STATEM	ENT OF SPECIAL INS	SPECTIONS - STE	EL CONSTRUCTION -	
	STRUCTUR	AL STEEL MATER	RIAL	
REFERENCES: IBC (202	1) SECTION 1705.2.1	, AISC 360 (2016),	, AWS D1.1 (2020), SDI QA/QC (2017)	
	INSPECTION			
SYSTEM OR MATERIAL	CODE OR STANDARD REFERENCE	FREQUENCY	REMARKS	
MATERIAL VERIFICATION OF STRUCTURAL STEEL	ASTM A6, AISC 360 A3.1	PERIODIC	VERIFY CERTIFIED MILL TEST REPORTS.	
NATERIAL VERIFICATION OF	SDI QA/QC SECTION 6	PERIODIC	VERIFY CERTIFIED MILL TEST REPORTS.	
MATERIAL VERIFICATION OF HIGH	AISC 360 A3.3	PERIODIC	MANUFACTURER'S CERTIFIED TEST REPORTS AND VERIFICATION OF IDENTIFICATION MARKINGS.	
ATERIAL VERIFICATION OF ANCHOR RODS AND THREADED RODS	AISC 360 A3.4	PERIODIC	MANUFACTURER'S CERTIFIED TEST REPORTS AND VERIFICATION OF IDENTIFICATION MARKINGS.	
ATERIAL VERIFICATION OF	AISC 360 A3.6, AWS D1.1 9	PERIODIC	MANUFACTURER'S CERTIFIED TEST REPORTS.	
MATERIAL VERIFICATION OF WELD	AISC 360 A3.5, AWS D1 1 8.2	PERIODIC	MANUFACTURER'S CERTIFIED TEST REPORTS AND VERIFICATION OF IDENTIFICATION MARKINGS.	

STATEMENT OF SPECIAL INSPECTIONS - STEEL CONSTRUCTION -						
STAINLESS STEEL MATERIAL						
REFERENCES: IBC (2021) SECTION 1705.2.1, AWS D1.6 (2017)						
	INSPEC	TION				
SYSTEM OR MATERIAL	CODE OR STANDARD REFERENCE	FREQUENCY	REMARKS			
MATERIAL VERIFICATION OF STAINLESS STEEL	ASTM A276	PERIODIC	VERIFY CERTIFIED MILL TEST REPORTS			
MATERIAL VERIFICATION OF BOLTS	ASTM F593	PERIODIC	MANUFACTURER'S CERTIFIED TEST REPORTS AND VERIFICATION OF IDENTIFICATION MARKINGS			
MATERIAL VERIFICATION OF ANCHOR RODS AND THREADED RODS	ASTM F593	PERIODIC	MANUFACTURER'S CERTIFIED TEST REPORTS AND VERIFICATION OF IDENTIFICATION MARKINGS			
MATERIAL VERIFICATION OF WELD FILLER MATERIALS	AWS D1.6 8.2	PERIODIC	MANUFACTURER'S CERTIFIED MILL TEST REPORTS AND VERIFICATION OF IDENTIFICATION MARKINGS			

WELD TAB REMOVAL SITES

AISC 360 N5, AWS

D1.1 8.5

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STATEM	ENT OF SPECIAL INS STRUCTUR	SPECTIONS - STE RAL STEEL WELDI	EL CONSTRUCTION -	STATEM	IENT OF SPECIAL INSF COLD-FORI	PECTIONS - STE	EL CONSTRUCTION - XK
REFERENCES	BEC (2021) SECTION	N 1705.2.1, AISC 3	60 (2016), AWS D1.1 (2020)	REFERENCES	BC (2021) SECTION 1	705.2.2, AWS D1	1.3 (2018), SDI QA/QC (2017)
	INSPEC	TION			INSPECT	ION	-
SYSTEM OR MATERIAL	CODE OR STANDARD REFERENCE	FREQUENCY	REMARKS	SYSTEM OR MATERIAL	CODE OR STANDARD	FREQUENCY	REMARKS
VERIFY THAT THE WELDING PROCEDURES SPECIFICATION (WPS) IS AVAILABLE	AWS D1.1 8.3	PERIODIC	PRIOR TO WELDING, INSPECT COPY OF WELDING PROCEDURE SPECIFICATIONS.		VALID AND		PRIOR TO DECK PLACEMENT, VERIFY COMPLIANCE OF MATERIALS (DECK AND ALL DECK ACCESSORIES) WITH CONSTRUCTION
VERIFY MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES ARE AVAILABLE	AISC 360 A3.5, AWS D1.1 8.2	PERIODIC	PRIOR TO WELDING. SEE STATEMENT OF SPECIAL INSPECTIONS FOR STEEL MATERIALS. (S000-001-0210)	DECK AND DECK ACCESSORY MATERIAL COMPLIANCE	APPROVED ICC-ES REPORT, SDI QA/QC 6	PERIODIC	DOCUMENTS, INCLUDING PROFILES, MATERIAL PROPERTIES, AND BASE METAL THICKNESS. SEE STATEMENT OF SPECIAL
VERIFY MATERIAL IDENTIFICATION	AISC 360 A3.5, AWS D1.1 8.2	PERIODIC	PRIOR TO WELDING. VERIFY TYPE AND GRADE. BY MANUFACTURER'S CERTIFICATION	DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES MATERIAL	APPROVED ICC-ES REPORT, SDI QA/QC 6	PERIODIC	THE ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES MATERIALS INCLUDING BASIS OF REJECTION.
	AISC 360 N5, AWS	PERIODIC	FABRICATOR OR ERECTOR, HAS A MAINTAINED SYSTEM BY WHICH A WELDER WHO HAS WELDED A JOINT OR MEMBER CAN BE IDENTIFIED. STAMPS, IF USED, SHALL BE	DECK AND ALL DECK ACCESSORIES INSTALLATION	VALID AND APPROVED ICC-ES REPORT, SDI QA/QC 6	PERIODIC	AFTER DECK PLACEMENT, VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION WITH CONSTRUCTION DOCUMENTS.
WELDER IDENTIFICATION SYSTEM	D1.1 8.4	CONTINUOUS	THE LOW-STRESS TYPE. PRIOR TO WELDING. VERIFY PROPER WPS USAGE FOR JOINT. VERIFY PREPARATION OF WELDED JOINT DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL),	DECK MATERIAL MILL CERTIFICATION	VALID AND APPROVED ICC-ES REPORT, SDI QA/QC 6	PERIODIC	AFTER DECK PLACEMENT, VERIFY DECK MATERIALS ARE REPRESENTED BY THE MILL CERTIFICATIONS THAT COMPLY WITH THE CONSTRUCTION DOCUMENTS.
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY)	AISC 360 N5, AWS D1.1 8.5		CLEANLINESS (CONDITION OF STEEL SURFACES), TACKING (TACK WELD QUALITY AND LOCATION), BACKING TYPE AND FIT (IF APPLICABLE).	DOCUMENT ACCEPTANCE OR REJECTION OF INSTALLATION OF DECK AND DECK ACCESSORIES	VALID AND APPROVED ICC-ES REPORT, SDI QA/QC 6	PERIODIC	AFTER DECK PLACEMENT, DOCUMENT THE ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES INSTALLATION INCLUDING LOCATION AND BASIS OF
CONFIGURATION AND FINISH OF ACCESS HOLES	AISC 360 J1.6, AWS D1.1 7.16	CONTINUOUS	PRIOR TO WELDING, VERIFY PROPER WPS USAGE FOR JOINT. VERIFY PREPARATION OF WELDED JOINT DIMENSIONS AND FINISH. PRIOR TO WELDING, VERIFY PROPER WPS	WELDING PROCEDURE SPECIFICATION (WPS) AVAILABILITY	AWS D1.3 8, SDI QA/QC 6	PERIODIC	PRIOR TO WELDING, VERIFY THAT SHEET STEEL WPS CONFORMING TO THE JOINT AND CONNECTION REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS ARE
	AISC 360 N5, AWS	5/16" FILLET OR LESS. CONTINUOUS AT GREATER THAN 5/16" FILLET	USAGE FOR JOINT. VERIFY PREPARATION OF WELDED JOINT DIMENSIONS (ALIGNMENT, GAPS AT ROOT), CLEANLINESS (CONDITION OF STEEL SURFACES), TACKING (TACK WELD	WELDING CONSUMABLE CERTIFICATION AVAILABILITY	AWS D1.3 8, SDI QA/QC 6	PERIODIC	PRIOR TO WELDING, VERIFY MANUFACTURER'S CERTIFICATIONS FOR WELDING CONSUMABLES ARE AVAILABLE.
FIT-OP OF FILLET WELDS	D1.1 6.5	PERIODIC	DURING WELDING, VERIFY WELDING PERFORMED BY WELDERS, WELDING OPERATORS, AND TACK WELDERS WHO ARE	WELDING CONSUMABLE MATERIAL IDENTIFICATION	AWS D1.3 8, SDI QA/QC 6	PERIODIC	PRIOR TO WELDING, VERIFY WELDING CONSUMABLE TYPE AND GRADE BY MATERIAL IDENTIFICATION. SEE STATEMENT OF SPECIAL INSPECTIONS FOR STEEL
USE OF QUALIFIED WELDERS	AISC 360 N5, AWS D1.1 8.4		REQUIREMENTS. INSPECT QUALIFICATION CARDS.	WELDING EQUIPMENT	AWS D1.3 8, SDI QA/QC 6	PERIODIC	PRIOR TO WELDING, VERIFY WELDING EQUIPMENT CAN PERFORM THE REQUIREMENTS OF THE WPS.
CONTROL AND HANDLING OF WELDING CONSUMABLES	AISC 360 N5, AWS D1.1 7.3	PERIODIC	ELECTRODE ATMOSPHERIC EXPOSURE CONTROL DURING WELDING, VERIFY WIND SPEED,				DURING WELDING, VERIFY WELDING PERFORMED BY WELDERS AND WELDING OPERATORS WHO ARE QUALIFIED IN CONFORMANCE WITH PEOLUPEMENTS
ENVIRONMENTAL CONDITIONS	AISC 360 N5, AWS D1.1 7.11	PERIODIC	PRECIPITATION AND TEMPERATURE WITHIN WELDING ENVIRONMENT LIMITS. DURING WELDING, VERIFY SETTINGS ON		AWS D1.3.8, SDI QA/QC 6	PERIODIC	DURING WELDING, INSPECT PACKAGING AND
		PERIODIC	WELDING EQUIPMENT TRAVEL SPEED, SELECTED WELDING MATERIALS, SHIELDING GAS TYPE/FLOW RATE, PREHEAT APPLIED, INTERPASS TEMPERATURE MAINTAINED	WELDING CONSUMABLES ENVIRONMENTAL CONDITIONS (WIND SPEED, MOISTURE,	QA/QC 6	PERIODIC	CONTROL. DURING WELDING, VERIFY WIND SPEED, PRECIPITATION AND TEMPERATURE WITHIN
WELDING PROCEDURES SPECIFICATION FOLLOWED	AISC 360 N5, AWS D1.1 8.3		(MIN./MAX.), PROPER POSITION (F, V, H, OH) AND INTERMIX OF FILLER METALS AVOIDED.	TEMPERATURE)	QA/QC 6	PERIODIC	WELDING ENVIRONMENT LIMITS. DURING WELDING, VERIFY SETTINGS ON
WELDING TECHNIQUES	AISC 360 N5, AWS D1.1 8.3	PERIODIC	DURING WELDING, VERIFY WELD INTERPASS AND FINAL CLEANING, EACH PASS WITHIN PROFILE LIMITATIONS AND EACH PASS MEETS QUALITY REQUIREMENTS. ALL WELDS TO BE VISUALLY INSPECTED PER AWS D1.1 8.5 AND IN ACCORDANCE WITH TABLE 8.1	WPS FOLLOWED	AWS D1.3 8, SDI QA/QC 6	PERIODIC	WELDING EQUIPMENT TRAVEL SPEED, SELECTED WELDING MATERIALS, SHIELDING GAS TYPE/FLOW RATE, PREHEAT APPLIED, INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.), PROPER POSITION (F, V, H, OH) AFTER WELDING, VERIEY SIZE, LENGTH, AND
WELDS CLEANED	AISC 360 N5, AWS D1.1 7.29, 8.5	PERIODIC	AFTER WELDING, VERIFY IN-PROCESS AND COMPLETED WELDS HAVE BEEN CLEANED IN ACCORDANCE WITH AWS D1.1.	SIZE AND LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, AND PERIMETER WELDS	AWS D1.3 8, SDI QA/QC 6	CONTINUOUS	LOCATION OF ALL WELDS CONFORM TO THE REQUIREMENTS OF THE DETAIL DRAWINGS. ALL WELDS TO BE VISUALLY INSPECTED PER AWS D1.3 8.1.
SIZE, LENGTH, AND LOCATION OF ALL WELDS	AISC 360 N5, AWS D1.1 8.5	CONTINUOUS	AFTER WELDING, VERIFY SIZE, LENGTH, AND LOCATION OF ALL WELDS CONFORM TO THE REQUIREMENTS OF THE DETAIL DRAWINGS. ALL WELDS TO BE VISUALLY INSPECTED PER AWS D1.1 8.5 AND IN ACCORDANCE WITH TABLE 8.1 VISUAL INSPECTION ACCEPTANC	WELDS MEET VISUAL ACCEPTANCE CRITERIA	AWS D1.3 8, SDI QA/QC 6	CONTINUOUS	AFTER WELDING, VERIFY CRACK PROHIBITION, WELD/BASE-METAL FUSION, CRATER CROSS SECTION, WELD PROFILES, WELD SIZE AND UNDERCUT POROSITY. ALL
			AFTER WELDING, VERIFY CRACK PROHIBITION, WELD/BASE-METAL FUSION, CRATER CROSS SECTION, WELD PROFILES	VERIFY WELDING REPAIR ACTIVITIES	AWS D1.3 8, SDI QA/QC 6	CONTINUOUS	AFTER WELDING, VERIFY REPAIRS ARE IN COMPLIANCE WITH AWS D.1.3.
WELDS MEET VISUAL	AISC 360 N5, AWS	CONTINUOUS	WELD SIZE AND UNDERCUT POROSITY. ALL WELDS TO BE VISUALLY INSPECTED PER AWS D1.1 8.5 AND IN ACCORDANCE WITH TABLE 8.1	DOCUMENT ACCEPTANCE OR REJECTION OF WELDS	AWS D1.3 8, SDI QA/QC 6	PERIODIC	ACCEPTANCE OR REJECTION OF WELDS INCLUDING LOCATION AND BASIS OF
ACCEPTANCE CRITERIA	D1.1 8.5 AISC 360 N5. AWS D1.1 7.28	CONTINUOUS	VISUAL INSPECTION ACCEPTANCE CRITERIA. AFTER WELDING, VERIFY COMPLIANCE WITH AWS D1.1 7.28.	MECHANICAL FASTENER MANUFACTURER INSTALLATION	VALID AND APPROVED ICC-ES REPORT, SDI QA/QC		VALID AND APPROVED ICC-ES REPORT MANUFACTURER INSTALLATION INSTRUCTIONS FOR FASTENERS REQUIRED
K-AREA	AISC 360 J10.8, N5	CONTINUOUS	AFTER WELDING, VERIFY WELDING OF DOUBLER PLATES, CONTINUITY PLATES OR STIFFENERS HAS BEEN PERFORMED IN THE K-AREA, VISUALLY INSPECT THE WEB K-ARE	PROPER FASTENER INSTALLATION TOOL AVAILABILITY	VALID AND APPROVED ICC-ES REPORT, SDI QA/QC 6	PERIODIC	BEFORE MECHANICAL FASTENING, VERIFY INSTALLATION TOOLS FOR FASTENERS REQUIRED BY THE ICC-ES REPORT ARE AVAILABLE.
BACKING REMOVED, WELD TABS REMOVED AND FINISHED, AND FILLET WELDS ADDED WHERE	AISC 360 N5, AWS D1.1 7.9, 7.30	CONTINUOUS	AFTER WELDING, VERIFY COMPLIANCE WITH AWS D.1.1 7.9 AND 7.30.		VALID AND APPROVED ICC-ES		DURING MECHANICAL FASTENING, VERIFY POSITION OF ALL FASTENERS CONFORM TO THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS AND A DE IN CONFORMANCE
REPAIR ACTIVITIES	AISC 360 N5, AWS D1.1 7.25	CONTINUOUS	AFTER WELDING, VERIFY REPAIRS ARE IN COMPLIANCE WITH AWS D.1.1 7.25.	FASTENER POSITIONING		CONTINUOUS	WITH THE ICC-ES REPORT.
DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	AISC 360 N5, AWS D1.1 8.5	CONTINUOUS	AFTER WELDING, MAINTAIN RECORDS IN ACCORDANCE WITH AWS D1.1 8.5.	FASTENER INSTALLATION COMPLIANCE WITH MANUFACTURER'S INSTRUCTIONS	APPROVED ICC-ES REPORT, SDI QA/QC 6	CONTINUOUS	INSTALLATION OF FASTENERS IS IN CONFORMANCE WITH THE ICC-ES REPORT FOR FASTENERS REQUIRED BY THE
QUALIFIED NONDESTRUCTIVE TESTING PERSONNEL	AISC 360 N5, AWS D1.1 8.1	PERIODIC	VERIFY THAT VISUAL WELD INSPECTION AND NONDESTRUCTIVE TESTING (NDT) IS CONDUCTED BY PERSONNEL QUALIFIED IN ACCORDANCE WITH AWS D1.1 8.1.	SUPPORT, PERIMETER AND	VALID AND APPROVED ICC-ES		AFTER MECHANICAL FASTENING, VERIFY TYPE, SIZE, LENGTH, SPACING, EDGE DISTANCE, MATERIAL, FINISH AND INSTALLATION OF ALL FASTENERS IS IN
CJP GROOVE WELDS	AISC 360 N5, AWS D1.1 8.5	CONTINUOUS	DYE PENETRANT TESTING (DT) AND ULTRASONIC TESTING (UT) SHALL BE PERFORMED ON 100% OF CJP GROOVE WELDS FOR MATERIALS GREATER THAN 5/1	SIDELAP FASTENER INSTALLATION VERIFY MECHANICAL FASTENER	REPORT, SDI QA/QC 6 VALID AND APPROVED ICC-ES	CONTINUOUS	CONFORMANCE WITH THE ICC-ES REPORT FOR FASTENERS REQUIRED BY THE AFTER MECHANICAL FASTENING, VERIFY REPAIRS ARE IN COMPLIANCE WITH ICC-ES
WELDED JOINTS SUBJECT TO	AISC 360 N5, AWS	CONTINUOUS	DYE PENETRANT TESTING (DT) AND ULTRASONIC TESTING (UT) SHALL BE PERFORMED ON 100% OF WELDED JOINTS IDENTIFIED ON CONTRACT DRAWINGS AS	REPAIR ACTIVITIES	REPORT, SDI QA/Q VALID AND APPROVED ICC-ES	CONTINUOUS	REPORT. AFTER MECHANICAL FASTENING, DOCUMENT THE ACCEPTANCE OR REJECTION OF
		CONTINUOUS	AT THE END OF WELDS WHERE WELD TABS HAVE BEEN REMOVED, MAGNETIC PARTICLE	REJECTION OF MECHANICAL FASTENERS	KEPURI, SDI QA/QC 6	CONTINUOUS	MECHANICAL FASTENERS INCLUDING LOCATION AND BASIS OF REJECTION.

TESTING SHALL BE PERFORMED ON THE

SAME BEAM-TO-COLUMN JOINTS RECEIVING ...

N -	STATEMENT OF SPECIAL INSPECTIONS - STEEL CONSTRUCTION -						
		STRUCTUF	RAL STEEL BOLTI	NG			
QC (2017)	REFERENCE	REFERENCES: IBC (2021) SECTION 1705.2.1, AISC 360 (2016), RCSC (2020)					
		INSPEC	TION				
REMARKS	SYSTEM OR MATERIAL	CODE OR STANDARD REFERENCE	FREQUENCY	REMARKS			
PLACEMENT, VERIFY MATERIALS (DECK AND ALL	MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	AISC 360 N5, RCSC 2.1, 9.1	PERIODIC	PRIOR TO BOLTING, SEE STATEMENT OF SPECIAL INSPECTIONS FOR STRUCTURAL STEEL MATERIALS. (S000-001-0210)			
CLUDING PROFILES, ERTIES, AND BASE METAL STATEMENT OF SPECIAL	FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	AISC 360 N5, ASTM F3125, RCSC 2.1	PERIODIC	PRIOR TO BOLTING. INSPECT BOLTING COMPONENTS AND ASSEMBLIES PER RCSC 2.			
PLACEMENT, DOCUMENT E OR REJECTION OF DECK SSORIES MATERIALS S OF REJECTION.	PROPER FASTENERS SELECTED FOR JOINT DETAIL	AISC 360 N5, ASTM F3125, RCSC 2.1	PERIODIC	PRIOR TO BOLTING, INSPECT GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE			
CEMENT, VERIFY DECK AND ALL DECK STALLATION WITH	PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	AISC 360 N5, ASTM F3125, RCSC 9	PERIODIC	PRIOR TO BOLTING, CONFIRM BOLTING PROCEDURE WITH CONSTRUCTION DOCUMENTS			
CEMENT, VERIFY DECK REPRESENTED BY THE MILL	CONNECTING ELEMENTS	AISC 360 N5, ASTM F3125, RCSC 9	PERIODIC	PRIOR TO BOLTING, VERIFY APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS			
CEMENT, DOCUMENT THE REJECTION OF DECK AND	PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER COMPONENTS	AISC 360 N5, ASTM F3125, RCSC 2.10 TEST	PERIODIC	PRIOR TO BOLTING, CONFIRM STORAGE OF BOLTING COMPONENTS AND ASSEMBLIES ARE IN ACCORDANCE WITH RCSC 2.10.			
TION AND BASIS OF		CODE OR STANDARD					
FORMING TO THE JOINT AND QUIREMENTS OF THE DOCUMENTS ARE	SYSTEM OR MATERIAL	REFERENCE	EACH GROUPING OF	REMARKS			
NG, VERIFY 'S CERTIFICATIONS FOR MABLES ARE AVAILABLE.	PRE-INSTALLATION VERIFICATION OF PRETENSIONED	AISC 360 N5, ASTM	DIAMETER, LENGTH, GRADE AND LOT TO BE USED IN THE WORK	PRIOR TO BOLTING, TEST NOT FEWER THAN THREE COMPLETE BOLT ASSEMBLIES OF EACH COMBINATION PRIOR TO PLACEMENT			
NG, VERIFY WELDING	HIGH-STRENGTH BOLTS			OF VERIFIED LOTS IN THE WORK			
PE AND GRADE BY FICATION. SEE STATEMENT ECTIONS FOR STEEL		CODE OR STANDARD	FREQUENCY				
NG, VERIFY WELDING PERFORM THE DE THE WPS	SYSTEM OR MATERIAL FASTENER ASSEMBLIES OF	REFERENCE		REMARKS			
G, VERIFY WELDING WELDERS AND WELDING O ARE QUALIFIED IN	ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED	AISC 360 N5, ASTM F3125, RCSC 9	PERIODIC	DURING BOLTING, VERIFY BOLTING ASSEMBLIES ARE PLACED IN ACCORDANCE WITH RCSC 9			
WITH REQUIREMENTS. CATION CARDS.	JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO PRETENSIONING OPERATION	AISC 360 N5, ASTM F3125, RCSC 9	PERIODIC	DURING BOLTING, VERIFY CONDITION ACHIEVED IN ACCORDANCE WITH RCSC 9			
	FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	AISC 360 N5, ASTM F3125, RCSC 8.2	PERIODIC	DURING BOLTING, VERIFY CONDITION ACHIEVED IN ACCORDANCE WITH RCSC 8.2			
ND TEMPERATURE WITHIN NMENT LIMITS.			PERIODIC	DURING BOLTING, VERIFY BOLTS ARE PRETENSIONED PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID			
G, VERIFY SETTINGS ON /IENT TRAVEL SPEED, ING MATERIALS, SHIELDING RATE, PREHEAT APPLIED, PERATURE MAINTAINED PER POSITION (F, V, H, OH)	PROGRESSION OF BOLT PRE-TENSIONING	AISC 360 N5, ASTM F3125, RCSC 8		ACCORDANCE WITH RCSC 8			
	DOCUMENT ACCEPTANCE OR REJECTION OF ALL BOLTED CONNECTIONS	AISC 360 N5, ASTM F3125, RCSC 2.1	CONTINUOUS	ACCEPTANCE OR REJECTION OF THE BOLTED CONNECTIONS INCLUDING LOCATION AND BASIS OF REJECTION IN ACCORDANCE AISC			
VERIFY SIZE, LENGTH, AND WELDS CONFORM TO THE OF THE DETAIL DRAWINGS.	SNUG-TIGHT HIGH-STRENGTH BOLT INSTALLATION	AISC 360 N5, ASTM F3125, RCSC 9	PERIODIC	ALL CONNECTIONS VISUALLY INSPECTED. IN ACCORDANCE WITH RCSC 9.2			
VERIFY CRACK LD/BASE-METAL FUSION, SECTION, WELD PROFILES, JNDERCUT POROSITY, ALL	PRETENSIONED AND SLIP-CRITICAL HIGH-STRENGTH BOLT INSTALLATION USING TURN-OF-THE-NUT METHOD WITH MATCHMARKING TECHNIQUES, DIRECT-TENSION-INDICATOR	AISC 360 N5, ASTM F3125, RCSC 9	PERIODIC	INSPECT CONNECTION PER RCSC 9.2.1 FOR TURN-OF-NUT METHOD. INSPECT CONNECTION PER RCSC 9.2.3 FOR TWIST-OFF TENSION CONTROL BOLT METHOD. INSPECT CONNECTION PER RCSC 9.2.4 FOR DIRECT TENSION INDICATOR			
VERIFY REPAIRS ARE IN TH AWS D.1.3.	PRETENSIONED AND SLIP-CRITICAL HIGH-STRENGTH BOLT INSTALLATION USING TURN-OF-THE-NUT METHOD WITH MATCHMARKING OR CALIBRATE	AISC 360 N5, ASTM F3125 RCSC 9	CONTINUOUS	INSPECT CONNECTION PER RCSC 9.2.1 FOR TURN-OF-NUT METHOD. INSPECT CONNECTION PER RCSC 9.2.2 FOR CALIBRATED WRENCH METHOD.			



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