

STRUCTURAL STATEMENT OF SPECIAL INSPECTIONS & TESTING

- 1. SPECIAL INSPECTIONS AND STRUCTURAL TESTING SHALL BE PROVIDED BY AN INDEPENDENT AGENCY EMPLOYED BY THE OWNER FOR THE ITEMS IDENTIFIED IN THIS SECTION AND IN OTHER AREAS OF THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS...
2. THE NAMES AND CREDENTIALS OF THE SPECIAL INSPECTORS TO BE USED SHALL BE SUBMITTED TO THE BUILDING OFFICIAL FOR APPROVAL...
3. DATES OF THE SPECIAL INSPECTION:
A. THE SPECIAL INSPECTOR SHALL REVIEW ALL WORK LISTED BELOW FOR CONFORMANCE WITH THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS AND THE IBC...
B. THE SPECIAL INSPECTOR SHALL FURNISH SPECIAL INSPECTION REPORTS TO THE E.O.C. CONTRACTOR, OWNER AND BUILDING OFFICIAL ON A WEEKLY BASIS...
C. ONCE CORRECTIONS HAVE BEEN MADE BY THE CONTRACTOR, THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT TO THE BUILDING OFFICIAL STATING THAT THE WORK REQUIRING SPECIAL INSPECTION WAS TO THE BEST OF THE SPECIAL INSPECTOR'S KNOWLEDGE IN CONFORMANCE WITH THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS AS WELL AS THE APPLICABLE WORKMANSHIP PROVISIONS OF THE IBC...
4. DUTIES AND RESPONSIBILITIES OF THE CONTRACTOR:
A. THE CONTRACTOR SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE OWNER AND THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF WORK...
B. THE CONTRACTOR SHALL NOTIFY THE RESPONSIBLE SPECIAL INSPECTOR THAT WORK IS READY FOR INSPECTION AT LEAST ONE WORKING DAY (24 HOURS MINIMUM) BEFORE SUCH INSPECTION IS REQUIRED...
C. ALL WORK REQUIRING SPECIAL INSPECTION SHALL REMAIN ACCESSIBLE AND EXPOSED UNTIL IT HAS BEEN OBSERVED BY THE SPECIAL INSPECTOR...
5. PLEASE SEE THE SPECIAL INSPECTION SCHEDULE FOR THE TEST DATES AND FREQUENCY OF SPECIAL TESTING REQUIRING SPECIAL INSPECTIONS AND STRUCTURAL TESTS AS PART OF THIS PROJECT.
6. REFER TO ARCHITECTURAL AND/OR MEP DRAWINGS FOR ADDITIONAL SPECIAL INSPECTION REQUIRED, DUDLEY ENGINEERING HAS LISTED THE STRUCTURAL SPECIAL INSPECTIONS AND TESTING.

WIND-RESISTING COMPONENTS (1703.1.1.3)

- PERIODIC SPECIAL INSPECTION IS REQUIRED FOR FASTENING OF THE FOLLOWING SYSTEMS AND COMPONENTS:
1. ROOF COVERING, ROOF DECK AND ROOF FRAMING CONNECTIONS
2. EXTERIOR WALL COVERING AND WALL CONNECTIONS TO ROOF AND FLOOR DIAPHRAGMS AND FRAMING

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: AFTER BUILDING CONSTRUCTION AND LANDSCAPING HAVE BEEN COMPLETED, FINAL GRADES SHALL BE VERIFIED TO DOCUMENT REQUIRED DRAINAGE; AFTER BUILDING CONSTRUCTION AND LANDSCAPING HAVE BEEN COMPLETED, DOWNPOUTS SHALL BE INSPECTED TO CONFIRM CONFORMANCE; GRADES AROUND THE STRUCTURE SHALL BE PERIODICALLY INSPECTED AND ADJUSTED AS PART OF THE BUILDING'S MAINTENANCE PROGRAM; PLUMBING LEAK "HYDROSTATIC" TEST PERFORMED BY A LICENSED PLUMBER, TEST TO OCCUR AFTER ROUGH PLUMBING INSTALL; WHERE PAVING/FLATWORK ABOUT THE FOUNDATION, A MAINTENANCE PROGRAM SHALL BE ESTABLISHED TO EFFECTIVELY SEAL AND MAINTAIN JOINTS AND PREVENT SURFACE WATER INFILTRATION.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY; VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIALS; PERFORM CLASSIFICATION AND TESTING OF COMPACTED MATERIALS; VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL; PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THE SITE HAS BEEN PREPARED PROPERLY.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: PREFABRICATED WOOD STRUCTURAL ELEMENTS (METAL PLATE CONNECTED WOOD TRUSSES FABRICATION AND IMPLEMENTATION PROCEDURES) (IF REQUIRED) WHERE THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION; HIGH-LOAD DIAPHRAGMS; METAL PLATE-CONNECTED WOOD TRUSSES SPANNING 60 FT OR GREATER; INSPECTION OF NAILING, BOLTING, ANCHORING AND OTHER FASTENING COMPONENTS WITHIN THE SEISMIC / MAIN WIND FORCE RESISTING SYSTEM; MOISTURE CONTENT OF LOAD BEARING WOOD FRAMING.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: INSPECTION TASKS PRIOR TO WELDING (ASCC 340 TABLE NE 4-1); WELDING PROCEDURE SPECIFICATION (WPS) AVAILABLE; MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE; MATERIAL IDENTIFICATION (MPE / GRADE); WELDER IDENTIFICATION SYSTEM; FIT-UP GROOVE WELDS; CONFIGURATION AND FINISH OF ACCESS HOLES; FIT-UP FILLET WELDS; CHECK WELDING EQUIPMENT; INSPECTION TASKS DURING WELDING (ASCC 340 TABLE NE 4-2); USE OF QUALIFIED WELDERS; CONTROL AND HANDLING OF WELDING CONSUMABLES; NO WELDING OVER CRACKED TACK WELDS; ENVIRONMENTAL CONDITIONS (WIND SPEED WITHIN LIMITS, PRECIPITATION AND TEMPERATURE); WPS FOLLOWED; WELDED TECHNIQUES; WELDS CLEANED; SIZE, LENGTH AND LOCATION OF WELDS; WELDS MEET VISUAL ACCEPTANCE CRITERIA; ARC STRIKES; I-AREA; BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED); REPAIR ACTIVITIES; DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT MEMBER.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: INSPECTION TASKS PRIOR TO WELDING (ASCC 340 TABLE NE 4-1); WELDING PROCEDURE SPECIFICATION (WPS) AVAILABLE; MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE; MATERIAL IDENTIFICATION (MPE / GRADE); WELDER IDENTIFICATION SYSTEM; FIT-UP GROOVE WELDS; CONFIGURATION AND FINISH OF ACCESS HOLES; FIT-UP FILLET WELDS; CHECK WELDING EQUIPMENT; INSPECTION TASKS DURING WELDING (ASCC 340 TABLE NE 4-2); USE OF QUALIFIED WELDERS; CONTROL AND HANDLING OF WELDING CONSUMABLES; NO WELDING OVER CRACKED TACK WELDS; ENVIRONMENTAL CONDITIONS (WIND SPEED WITHIN LIMITS, PRECIPITATION AND TEMPERATURE); WPS FOLLOWED; WELDED TECHNIQUES; WELDS CLEANED; SIZE, LENGTH AND LOCATION OF WELDS; WELDS MEET VISUAL ACCEPTANCE CRITERIA; ARC STRIKES; I-AREA; BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED); REPAIR ACTIVITIES; DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT MEMBER.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: USE OF QUALIFIED WELDERS; CONTROL AND HANDLING OF WELDING CONSUMABLES; NO WELDING OVER CRACKED TACK WELDS; ENVIRONMENTAL CONDITIONS (WIND SPEED WITHIN LIMITS, PRECIPITATION AND TEMPERATURE); WPS FOLLOWED; WELDED TECHNIQUES; WELDS CLEANED; SIZE, LENGTH AND LOCATION OF WELDS; WELDS MEET VISUAL ACCEPTANCE CRITERIA; ARC STRIKES; I-AREA; BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED); REPAIR ACTIVITIES; DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT MEMBER.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: NON-DESTRUCTIVE TESTING OF WELDED JOINTS; FILLET WELDS; PARTIAL JOINT PENETRATION (PJP) WELDS INCLUDING FLARE BEVEL WELDS; COMPLETE JOINT PENETRATION (CJP) WELDS.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: STRUCTURAL STEEL HIGH-STRENGTH BOLTS (TURN-OF-NUT); TABLE 8.2: NUT ROTATION FROM SNUG-TIGHT CONDITION FOR TURN-OF-NUT PRETENSIONING; STRUCTURAL STEEL HIGH-STRENGTH BOLTS (ENUG-TIGHT) - INSPECTION TASKS PRIOR TO BOLTING; STRUCTURAL STEEL HIGH-STRENGTH BOLTS (ENUG-TIGHT) - INSPECTION TASKS DURING BOLTING.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: STRUCTURAL STEEL HIGH-STRENGTH BOLTS (ENUG-TIGHT) - INSPECTION TASKS PRIOR TO BOLTING.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: STRUCTURAL STEEL HIGH-STRENGTH BOLTS (ENUG-TIGHT) - INSPECTION TASKS DURING BOLTING.

RENOVATION Wranglers logo and contact information: Owner: Renovation Wranglers, 102 E 26th St, Bryan, TX 77803, kate@renovations.com | 979.450.9969; ARCHITECTURE: Architect of Record: LKB Architecture, 2929 Allen Pkwy Suite 200, Houston, TX 77019, isa@lkbarchitecture.com | 713.425.3076.

DUDLEY logo and contact information: Structural: Dudley, 4102 Impetial Loop Drive, College Station, TX 77845, (979) 777-0720.

amc ENGINEERS logo and contact information: MEP: AMC Engineers, 508 E Jackson St # 552, Burnet, TX 78611, info@amcengineers.com.

Professional Engineer seal for OKOGENIUS OKRNEK, No. 137444, State of Texas, License No. 137444, dated 8/26/2022.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: DOCUMENTATION AND ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: DOCUMENTATION AND ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: DOCUMENTATION AND ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: DOCUMENTATION AND ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.

openingdesign logo and contact information: Architect: OpeningDesign, 17 S Fairchild | FL 7, Madison, WI 53703, ryan@openingdesign.com | 773.425.6456.

Table with 2 columns: Date, Description. Row 1: 08/26/2022, Review before Permit PERMIT REVISIONS.