

THRESHOLD INSPECTION NOTES:

1. THRESHOLD INSPECTIONS SHALL BE PROVIDED BY THE OWNER OR OWNER'S REPRESENTATIVE.
2. THE THRESHOLD INSPECTOR SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE TO APPROVED DESIGN DRAWINGS, SPECIFICATIONS AND CODE PROVISIONS.
3. THRESHOLD INSPECTOR SHALL BE A PERSON CERTIFIED, LICENSED, OR REGISTERED UNDER FLORIDA STATUTE CHAPTER 471 AS AN ENGINEER OR UNDER FLORIDA STATUTE CHAPTER 481 AS AN ARCHITECT.
4. THE THRESHOLD INSPECTOR SHALL BE APPROVED BY THE OWNER, BUILDING OFFICIAL, ARCHITECT AND LICENSED DESIGN ENGINEER AND FURNISH THE CODE REQUIRED REPORTS IN A TIMELY MANNER TO THE BUILDING OFFICIAL, ARCHITECT AND ENGINEER.
5. PERIODIC INSPECTIONS SHALL OCCUR AFTER SUBSTANTIAL COMPLETION OF THE FOUNDATION, EACH FLOOR, AND ROOF, MINIMUM.

THRESHOLD INSPECTION PLAN

I. RESPONSIBILITY

THE SPECIAL INSPECTOR IS RESPONSIBLE TO BOTH THE OWNER AND THE BUILDING OFFICIAL TO VERIFY THAT CONSTRUCTION OF THE STRUCTURAL COMPONENTS IS IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS AND THE STATE MINIMUM BUILDING CODE TO THE BEST OF HIS KNOWLEDGE AND ABILITY.

II. NARRATIVE DESCRIPTION

THE SPECIAL INSPECTOR IS RESPONSIBLE FOR SEEING THAT THE WORK IS EXECUTED IN FULL ACCORDANCE WITH THE PLANS AND SPECIFICATIONS EXCEPT AS VARIATIONS THEREFROM ARE PERMITTED IN WRITING BY THE A & E. HE IS RESPONSIBLE FOR THOROUGH KNOWLEDGE OF THE SPECIFICATIONS, THE BUILDING CODE AND FOR THE EXERCISE OF GOOD JUDGMENT. THE SPECIAL INSPECTOR SHALL PROMPTLY INFORM AND REQUEST INTERPRETATION FROM THE ENGINEER OF RECORD OF THE FOLLOWING SITUATIONS IF OBSERVED.

- A. THE USE OF MATERIALS, EQUIPMENT OR WORKMANSHIP WHICH DO NOT CONFORM TO SPECIFICATIONS OR WHICH WILL CAUSE IMPROPER CONSTRUCTION RELATIVE TO THE SPECIFICATIONS OR BUILDING CODE.
 - B. WORK WHICH IS NOT BEING DONE IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS AND BUILDING CODE.
 - C. FAULTY CONSTRUCTION OR OF CONSTRUCTION PERFORMED WITHOUT INSPECTION
 - D. REQUEST INTERPRETATIONS FROM DESIGN A & E.
- III. REPORTING INFORMATION**

THE INSPECTOR'S REPORTS ARE SECONDARY TO ACTUAL OBSERVATION DURING CONSTRUCTION. HOWEVER, THEY ARE OF EXTREME IMPORTANCE IN THAT THEY ENABLE THE BUILDING OFFICIAL TO KEEP IN TOUCH WITH THE WORK WHILE IT IS IN PROGRESS AND WILL BE OF VALUE IN THE FUTURE IN CASE OF CHANGES IN THE STRUCTURE OR ITS USE. THE REPORT MAY CONSIST OF A RECORD OF THE PROGRESS, WORKING CONDITIONS, INSTRUCTIONS GIVEN TO THE CONTRACTOR, DEVIATIONS FROM SPECIFICATIONS WITH REASONS AND PROBLEMS ENCOUNTERED WITH SOLUTIONS. THE REPORTS SHOULD BE IN WRITING AND SHOULD BE MADE OUT PROMPTLY AT THE END OF THE PERIOD COVERED. THE REPORTS MAY CONSIST OF ANY OR ALL OF THE FOLLOWING:

- A. REPORT OF EACH INSPECTION.
- B. JOBSITE LOG OF AREAS INSPECTED.
- C. SPECIAL RECORDS (MILL TEST REPORTS, CONCRETE TESTS, ETC.).
- D. RECORD OF PLACING AND CURING CONCRETE
- E. PHOTOGRAPHS

SUGGESTED INSPECTION REPORT

IDENTIFICATION: DATE, SHIFT, TYPE AND LOCATION OF WORK, CONTRACTOR'S REPRESENTATIVE, INSPECTOR.

MATERIALS: KINDS, SOURCES, AMOUNTS RECEIVED, REJECTED, USED, WASTED AND ON HAND. FIELD SAMPLES SHIPPED TO LABORATORY.

PARTS OF STRUCTURE PREPARED FOR PLACING: EXCAVATION, SHORING, FORMS, REINFORCEMENT, CONSTRUCTION JOINTS, OPENINGS, DOWELS, EMBEDDED FIXTURES.

PLACING: WEATHER (TEMPERATURE, HUMIDITY, WIND, SKY, TIMES OF WIND CHANGES), ADEQUACY OF ORGANIZATION AND EQUIPMENT, TIMES OF STARTING AND STOPPING PLACEMENT, DELAYS, UNUSUAL BATCHES, HEADS AND VOLUMES OF CONCRETE PLACED, PARTS OF STRUCTURE COMPLETED.

TESTS OF CONCRETE: CONSISTENCY AT PLACES. SPECIMENS FOR STRENGTH TESTS (IDENTIFICATION OF SAMPLE, MIX DATA, DURING PLACEMENT OR TEST, SPECIMENS SHIPPED TO LABORATORY).

CURING: FORMS REMOVAL (FOR VARIOUS PARTS OF STRUCTURE);

CURING: DATA AND TIME (IN HOURS) AT BEGINNING DATE OF COMPLETION. FORMS REMOVED, TESTS, BOTTOMS OF MEMBER (STATE OF CONCRETE), CONDITION OF FORMED SURFACES, DEFECTIVE AREAS REPAIRED; DEFECTIVE SECTIONS REPLACED.

SPECIAL WORK: ROUTING, SPRAYED MORTAR, ORNAMENTAL CONCRETE).

GENERAL: (CONDITIONS OF, OR CHANGES IN, ORGANIZATION, EQUIPMENT, OR METHODS, UNUSUAL FEATURES)

PHOTOGRAPHS: PHOTOGRAPHS TAKEN AT FREQUENT INTERVALS TO SHOW PROGRESS OF THE WORK FORM A VALUABLE PART OF THE RECORDS OF CONSTRUCTION. USUALLY PROGRESS PHOTOGRAPHS ARE TAKEN AT REGULAR INTERVALS AND ADDITIONAL PHOTOGRAPHS ARE TAKEN WHENEVER IT IS DESIRABLE TO RECORD SUCH INFORMATION AS THE CONDITION OF AN EXCAVATION SURFACE, FAULTY METHODS OF PLACING CONCRETE, OR UNUSUAL METHODS OF CONSTRUCTION.

V. DETAILED SUGGESTED PREPARATION NOTES

A. PREPARATION:

1. VERIFY PERMITS OBTAINED
2. APPROVED PLANS/SPECS/SHOP DRAWINGS ON THE JOB/RESHORING PLAN/ACTIVITY SCHEDULE
3. SET UP LOG/DAILY DIARY
4. ARRANGEMENTS FOR TESTING HAVE BEEN MADE
5. PRE-CONSTRUCTION MEETING

V. DETAILED SUGGESTED INSPECTION NOTES

EXAMPLES OF ITEMS THAT MAY BE INSPECTED WHEN DEEMED NECESSARY BY THE SPECIAL INSPECTOR.

A. FOUNDATION:

1. EXCAVATION/SUBSURFACE PREPARATION/BEARING CAPACITY
2. INDEPENDENT TESTING RECORDS/APPROVALS (DENSITY)
3. PLACEMENT AND SIZES OF ANCHOR BOLTS/REBAR
4. CONCRETE COVER
5. PROVISION FOR UTILITIES/CONDUIT IN STRUCTURAL ELEMENTS
6. MOISTURE PROTECTION

B. CONCRETE:

PROPER INSPECTION REQUIRES ADEQUATE INSPECTION DURING THE PLACING OF CONCRETE AND ITS FINISHING AND INCLUDES PREPARATIONS PRIOR TO THE START OF CONCRETING SUCH AS PROPER FORMWORK, PLACING OF REINFORCING, CLEANING THE SURFACE OF THE FORMWORK, ETC., AS WELL AS PROPER PROTECTION AND CURING OF THE FINISHED CONCRETE.

1. REBAR:

- A. CHECK SHIPMENT - MILL INSPECTION/DAMAGE/EXCESSIVE RUST
- B. SIZE/GRADE/BENDING
- C. PLACEMENT (LOCATION)
- D. SUPPORT/TIE/DEGREE OF SUPPORT AND STABILITY DURING POUR
- E. COVER
- F. LENGTH AND SPLICES/LAPS/HOOKED BOTTOMS
- G. APPROVED SHOP DRAWINGS
- H. CLEAN BEFORE POUR

2. EMBEDDED FIXTURES:

- A. ANCHOR BOLTS
- B. INSERTS
- C. CONDUITS

3. OPENINGS WHICH ARE NOT SHOWN ON THE PLANS INCLUDING REINFORCING STEEL AROUND SUCH OPENINGS.

4. PLACEMENT:

- A. METHODS USED FOR TRANSPORTING, HANDLING AND PLACING CONCRETE SHOULD BE REVIEWED FOR AVOIDANCE OF WHATEVER MAY CAUSE POOR CONSISTENCY CONTROL OR SEGREGATION.
- B. THE NUMBER AND POSITION OF CONCRETE VIBRATORS SHOULD BE VERIFIED INCLUDING EXTRA SPACERS, BAYS, TO ELIMINATE AIR AND ROCK POCKETS.
- C. PREPLANNED CONSTRUCTION JOINTS OR EMERGENCY JOINTS SHOULD BE SUBSTANTIATED - JOINTS SHALL BE PROTECTED AND MADE SO AS LEAST TO IMPAIR THE STRENGTH OF THE STRUCTURE. JOINTS SHALL BE PROPERLY PREPARED PRIOR TO MAKING THE SECONDARY POUR.
- D. DROP, VIBRATION, CONSOLIDATION
- E. TESTS CONDUCTED
- F. WATER ADDED
- G. WASTE
- H. DISRUPTION TO REBAR
- I. CLEAN UP DEBRIS PRIOR TO PLACEMENT

5. CURING/STRENGTH:

- A. SPECIAL PROVISIONS CALLED FOR
- B. TEST REPORTS VERIFIED
- C. ADDITIONAL TESTS NEEDED
- D. FINISHING, REPAIRING SURFACE DEFECTS

C. STEEL/STRUCTURAL:

1. ERECTION PROCEDURES (SEQUENCE)
2. APPROVED SHOP DRAWINGS
3. MILL TEST REPORTS
4. MARKS/VERIFICATION OF SITE PROVIDED AND SPECIFIED
5. WELD TESTS - INSPECTION/TOUCHING UP THE FIELD WELDS WITH PAINT
6. BOLTING - SIZE/TORQUE/EDGE/DISTANCES/WASHERS
7. TURN-OF-NUT TIGHTENING
8. SURFACE FINISH/SHOP CONSTRUCTION - GALVANIZED OR BARE
9. IDENTIFICATION OF ASTM SPECIFICATION MARK
10. METAL DECK FASTENING/ TOUCHING WITH PAINT AND WELDED
11. WELDING ELECTRODES

NOTE: PREFABRICATED STRUCTURAL STEEL COMPONENTS:

SPECIAL INSPECTION FOR STRUCTURAL STEEL FABRICATORS WHO ARE CURRENT MEMBERS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) AND ACTIVELY PARTICIPATE IN THEIR CERTIFICATION PROCESS, NEED NOT BE PROVIDED. THE CERTIFICATE OF COMPLIANCE SHALL BE PROVIDED AT THE COMPLETION OF FABRICATION.

D. MASONRY:

1. REINFORCED AND PARTIALLY REINFORCED:

- A. STEEL PLACEMENT/LAP LENGTHS
- B. ALIGNMENT OF CELLS TO BE FILLED/SLUMP OF GROUT/CELLS TO BE WET BEFORE POURING
- C. VERIFICATION OF FILLED CELLS/OBSERVATION HOLES
- D. MORTAR MIX ADEQUATE

E. WOOD:

1. ERECTION PROCEDURES
2. APPROVED SHOP DRAWINGS
3. TYPE/SIZE/GRADE-MARK
4. CONNECTIONS/SPACING
5. BEARING LENGTH
6. BOLTING - SIZE/TORQUE/EDGE/DISTANCES
7. SEAT/SIZE, LOCATION/TYPE PRESERVATIVE TREATMENT (PROTECTION)
8. NOTCHES - BORED HOLES
9. APPROVED FASTENERS AND
10. CONTINUOUS ANCHORAGE
11. CONNECTIONS/BRACING
13. SHEET WALL ATTACHMENTS
14. SHEET WALL HOODS/DOWNS

NOTE: PREFABRICATED STRUCTURAL WOOD COMPONENTS.

SPECIAL INSPECTION FOR PREFABRICATED WOOD TRUSS MANUFACTURER/SUPPLIERS WHO ARE CURRENT MEMBERS OF THE TRUSS PLATE INSTITUTE (TPI) AND ACTIVELY PARTICIPATE IN THEIR CERTIFICATION PROCESS, NEED NOT BE PROVIDED. THE CERTIFICATE OF COMPLIANCE SHALL BE PROVIDED AT THE COMPLETION OF FABRICATION.

F. MISCELLANEOUS STRUCTURAL COMPONENTS SUCH AS HANDRAILS, STAIRWAYS, ETC.

G. GENERAL OBSERVATIONS:

1. CHECK LOCAL FAILURES:
- A. HAIRLINE CRACKS
- B. DEFLECTION
- C. SETTLEMENT
- D. HONEY COMBING/EXPOSED REINFORCING STEEL/RUST SPOTS

H. RECORDS:

1. CONCRETE:

- A. REBAR MILL REPORTS
- B. SLUMP TEST ASTM C143
- C. COMPRESSION TESTS OF MOLDED CYLINDERS ASTM C31.39 THREE SPECIMENS PER 50 CY
- D. CYLINDRICAL CORES (ASTM C42)

2. STEEL:

- A. MILL TEST REPORTS
- B. WELDING INSPECTION REPORTS
3. BUILDING OFFICIAL STANDARD REPORTING FORMS, AS MAY BE REQUIRED
4. OTHER RECORDS AS MAY BE DEEMED NECESSARY BY THE SPECIAL INSPECTOR SUCH AS:

- A. CONCRETE TEST CYLINDER REPORTS
- B. CHANGES BY THE DESIGN A & E
- C. SOIL DENSITY TEST REPORTS

WOODSPRING SUITES
CYPRESS CREEK, FLORIDA

Pasco County
Cypress Creek, FL

[Issues & Revisions:](#)

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NOTES

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