

The Owner must make available to the **SIC** all pertinent documents relating to the construction of this project - Approved Shop Drawings, Precast Concrete Mix Design, etc.

## **Part 2 INSPECTION PLAN**

### **2.1 SOIL**

- ✓ **SI:** Verify excavations are extended to proper depth and have reached proper and suitable material.
- ✓ Verify materials below column footings are adequate to achieve the design bearing capacity = 1,000psf.
- ✓ Verify all new precast concrete footings are placed on re-compacted grade per geotechnical report and approved shop drawings.

### **2.2 PRECAST FOOTINGS CONCRETE FOR BLEACHER FOUNDATION**

**TL:** Testing of precast concrete footings (slump, air content, etc.) shall be performed by the precast company prior to delivering footings to the site.

- ✓ **SI:** Review submitted concrete mix design for compliance with Official Documents.

### **2.3 CONCRETE FOR SLAB BENEATH BLEACHERS**

- ✓ **SI:** Verify concrete with fiber mesh mix design for compliance with Official Documents.
- ✓ Verify proper slab subbase material and preparation.
- ✓ Verify control joint and isolation joint location prior to concrete placement.
- ✓ Verify concrete slab is cured and sealed per Official Documents.

### **2.4 STRUCTURAL STEEL FOR BLEACHERS AND RAMPS**

**TL:** Testing of structural bleacher steel (verifying and certifying adequacy of welds and bolt size in connections; verify qualifications of welding personnel; verify adequacy of welding electrodes used; verify bolt type; confirm steel grade, etc.) shall be performed by bleacher manufacturer prior to delivering steel to site.

**SI:** Verify adequacy of installation; verify end anchorage, member to member connections; look for bent, warped, or damaged members; secure from **RDP**

verification of any special or unusual conditions. Use digital photography as part of formal record-keeping and send RDP photos of end anchorage, inserts and member-to-member connections.

Verify galvanizing repair paint has been applied to all field welds and damaged galvanized areas.

## **2.5 STEEL DECKING AND RISERS FOR BLEACHERS AND RAMPS**

✓ SI: Verify metal deck and riser attachment to all supports per Official Documents. Verify decking and riser installation is complete with no gaps, voids or tripping hazards.

## **2.6 GENERAL**

SI: Verify overall completeness of bleacher erection; verify finished concrete surfaces; check for poor workmanship; report any problems or conflicts immediately and secure from RDP any required corrections or re-designs.