

**SPECIFICATIONS  
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THIS SPECIFICATIONS WILL HAVE ITEMS SPECIFIED THAT DO NOT PERTAIN TO THIS SPECIFIC PROJECT. SPECIFICATIONS AND DRAWINGS ARE INTEGRAL. ANY CONFLICT ON DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S AUTHORIZED PROJECT MANAGER PRIOR TO BIDDING OR THE CONTRACTOR SHALL ASSUME FULL LIABILITY.

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**DIVISION-1 GENERAL REQUIREMENTS**

**SECTION 1.1 SUMMARY OF THE WORK**

**1.1.1 SCOPE**

The work encompassed in this project is the construction of a Hardee's Restaurant, construction of equipment installation (OWNER furnished items), and related site work for parking and landscaping, complete and ready for operations.

**1.1.2 CONTRACTORS**

Where Contractor is referred to in this General Requirements Division, it shall mean General Contractor/Subcontractor, unless noted otherwise.

- A. The Contractor shall examine the condition of the project area prior to commencement of work and shall be responsible for coordination of all trades including those items furnished by Owner.
- B. Sub-contractors shall, in the work of their trades, perform any and all cutting, patching, repairing, restoring, and the like necessary to complete the work and to restore any damaged or affected surfaces resulting from the work of this contract to their original condition to the satisfaction of the Owner.

**1.1.3 SEPARATE CONTRACTS**

OWNER reserves the right to let other contracts in connection with this work. When that occurs, the Contractor shall cooperate with all owner supplied Contractors.

**1.1.4 INTENT OF DOCUMENTS**

- A. It is the intent of the documents to require the completion of all work in a thorough and workmanlike manner in every respect. Should there be anything necessary for completion of the work according to the full intent and meaning of the Contract Documents, the work shall be completed in every respect. Should there be anything necessary for the completion of the work according to the full intent and meaning of the Contract Documents, the work shall be no extra cost against OWNER and/or OWNER's representative for such labor.
- B. Should a bidder find discrepancies in, or omissions from, the drawings or specifications, or should he be in doubt as to their meaning, he shall at once notify OWNER. If it should be necessary, a written addendum will be sent to each bidder. OWNER will not be responsible for any verbal instructions. It shall be the Contractor's responsibility to verify with OWNER prior to bid time, whether any addenda have been issued.
- C. Any omissions or conflicts between various elements on the plans and specifications shall be brought to the attention of OWNER before proceeding with any work.
- D. General Contractor shall coordinate with the Sub-contractors to identify any conflicts among the works of various trades and notify OWNER. Any identified conflicts and their resolutions shall be reviewed and approved by OWNER.
- E. Finishes and materials omitted or unclear shall be verified with OWNER prior to submission of bids.

**1.1.5 DUST CONTROL**

Not Used

**1.1.6 N.I.C.**

Items shown on the Plans but marked N.I.C. are not included in this Contract.

**1.1.7 PROJECT COORDINATION**

Contractor to provide coordination of all trades involved in the separate Divisions of this Contract to secure the best arrangement of work of each Division with the work of other Divisions.

**1.1.8 PROTECTION OF WORK**

The Contractor shall provide or allow for, adequate protection of OWNER provided equipment, fresh concrete surface, new construction materials, and non established lawn areas until surfaces are no longer susceptible to damage.

**1.1.9 COOPERATION**

All Contractors shall in every reasonable way cooperate with the other Contractors doing work in the same vicinity.

**1.1.10 EXISTING FACILITIES**

Existing facilities, adjacent property and trees and shrubbery that are not to be removed, shall be protected from injury or damage resulting from the Contractor's operations.

**1.1.11 FURNISHED BY OWNER**

Some items will be furnished by the owner or their vendor. See Responsibility Schedule on sheet T1 of plans. Note OCEI/OFC columns as some items are provided by others but to be installed by the General Contractor. Where plans do NOT note "provided by other" "Provided by Owner", the General Contractor is to include in his bid and scope of work within the plans these notes appear unclear or contradictory, they shall be questioned by the bid process.

**1.1.12 MATERIALS AND WORKMANSHIP**

All materials shall be new and of quality suitable for use and shall meet ASTM standards. Condemned materials shall be promptly removed and any damage caused by such removal, made good by Contractor at his own expense.

**1.1.13 LAYING OUT WORK**

Each Contractor shall, immediately upon entering project site for purpose of beginning work, locate all general reference points and take action as is necessary to prevent their destruction by others on the site and be responsible for all lines, paving, utilities and other work established by him under this contract. He shall immediately notify OWNER should any discrepancies arise before proceeding with the work.

**1.1.14 LIMITS OF CONNECTION**

Each Contractor shall include in his bid, all work within the designation "Limits of Construction" (limits are approximate) as shown on the plans. If the connection of the utilities run beyond the "Limits of Construction" the Contractor shall include and be responsible for the connections of all utilities, as required. See plans for points of connection.

**1.1.15 EQUIPMENT**

OWNER will furnish and install certain items of equipment, including but not limited to, seating, and kitchen equipment. These items shall be coordinated by the Contractor, and scheduled with his work. It shall be the sole responsibility of the Contractor to schedule these items with his work. The Contractor shall be held responsible for all final utility connections to the equipment and fixtures provided by OWNER. Any costs involved, shall be included in the Contractor's bid.

**1.1.19 CITY BUSINESS LICENSE**

The Contractor shall obtain, at his own expense, a City Business License, upon award of this contract. A copy of this license shall be provided to OWNER prior to the Contractor starting his portion of work. If the Contractor fails to obtain a City Business License prior to starting his portion of work, OWNER shall obtain the City Business License on the Contractor's behalf and charge the Contractor for the license fee and a \$300.00 processing fee. These charges will be deducted from the Contractor's first invoice. The same will hold true for sub-contractors if the city requires each trade to have a business license.

**SECTION 1.2 INSPECTIONS**

1.2.1 A Each Contractor shall comply with all inspections of local building authorities, and include in his bid, all costs for doing so.

**SECTION 1.3 REQUIRED DOCUMENTS**

1.3.1 All required documents will be delivered by the Contractor to OWNER unless directed otherwise. Where required, documents shall be prepared on current edition of A.I.A. Documents.

1.3.2 All documents required by the local authority are the responsibility of the contractor.

**SECTION 1.4 TEMPORARY FACILITIES**

1.4.1 Refer to Article 14.4 of General Conditions.

**SECTION 1.5 INSURANCE**

1.5.1 Refer to Article 10 of General Conditions.

1.5.2 Refer to Article 10 of General Conditions.

1.5.3 Refer to Article 10 of General Conditions.

1.5.4 Refer to Article 10 of General Conditions.

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1.5.69 Refer to Article 10 of General Conditions.

**SECTION 2.3 EARTHWORK AND GRADING**

- A. Clear and remove all vegetation and debris from the site.
- B. Adequately protect active utilities, shown on the drawings or encountered during excavation, from damage and remove and/or relocate only as indicated. Call "Dig Alert" as required.
- C. All existing inactive and/or abandoned utilities on site, on or below grade shall in absence of specific requirements be removed, capped off and staked out and labeled at the property line.
- D. Excavate and/or recondition soil to the depth required by notes on drawings, and/or as required by the Soils Engineer.
- E. Should any grades or elevations on the plans be incorrect, unclear or inadequate for grading; OWNER shall be notified before proceeding further.
- F. All grading shall comply with plans, specifications and soils report, except as noted in "G" below.
- G. Where it is noted in plans that sidewalks and ramps are not in compliance with ADA requirements, it shall be brought to the attention of the Project Manager to resolve before proceeding.
- H. Recondition:
  - 1. Fill shall be placed according to the Soils Report or maximum of six inch layers, whichever is less.
  - 2. Backfill and fill under slabs shall be thoroughly compacted according to the Soils Report.
- I. Finish Grading:
  - 1. Leave all yards smoothly graded and correctly related to sub-grades, ready to receive top soil (as noted on Landscape Plans).
- J. Surplus earth not required for fill shall be removed from site.

**2.3.5 SOIL STABILIZATION**

Use fly ash, lime, or portland cement as per soils report recommendation and in compliance with direction of owner's representative.

**SECTION 2.4 ASPHALT CONCRETE PAVING**

**2.4.1 SCOPE**

- A. Refer to drawings for location and extent of asphalt paving.
- B. All paving at ADA Parking stalls and loading to not exceed 2% slope in any direction. If civil plans reflect otherwise, this shall be brought to the attention of the Project Manager to resolve before proceeding.
- C. Establish grades for sub-base course, base course and surface course.
- D. Place aggregate base course and surface course.

**2.4.2 WORK PROVIDED BY OTHER SECTIONS (See Section 1.1)**

- A. Parking bumpers and guards per plans, "Not Used".
- B. Parking lot striping.

**2.4.3 GUARANTEE**

A guarantee for one (1) year against any defects in materials and workmanship for all asphalt concrete paving.

**2.4.4 MATERIALS**

- A. Base Aggregate Course shall be as specified in the Geotechnical Report.
- B. Certificate on plant mix asphaltic concrete shall be furnished to OWNER.
- C. When applicable to existing asphalt only: The asphalt sealer shall be "Guard Top" with 2% Latex additive asphalt base emulsion sealer manufactured by Industrial Asphalt Manufacturing.
- D. Certificate on plant mix of asphaltic concrete shall be supplied to Owner.

**2.4.5 EXECUTION**

A. Preparation of Sub-grade: Material shall be prepared to relative compaction and sub-grade tolerance as specified by "Standard Specification For Public Work Construction".

Material is to be placed true to grade, uniform and smooth and compacted.

**C. Stripping and Compaction of Surface Course:**

- 1. Any method of spreading asphalt paving which produces segregation or non-uniformity of texture of the surface shall not be used.
- 2. Paving mixture shall be spread evenly to a uniform depth and uniformly distributed and struck off so the surface after rolling will be of uniform texture and appearance.
- 3. Rolling with a minimum eight ton tandem steel wheel roller shall start as soon as the hot mix material can be compacted without displacement. Rolling shall continue until thoroughly compacted and oil roller marks have disappeared.
- 4. In areas too small for the eight ton roller, a smaller roller, a vibrating plate compactor or hand tamper shall be used to achieve thorough compaction.
- 5. Finished pavement elevations shall not vary more than 1/4 inch from finished design elevations and the surface of the completed paving, when tested with a ten (10) foot straightedge, shall not contain irregularities in excess of 1/4 inch.
- 6. The finished pavement shall have a minimum uniform thickness after rolling and compaction. See plans for thickness of finished pavement.
- 7. The finished pavement surface will provide positive sheet drainage true to line and grade and shall not contain any depressions that shall allow water to accumulate and/or pond.

**F. Curbing:**

At completion of paving and at OWNER's representative, shall core six (6) 3-inch holes at areas as directed by OWNER. Cores shall indicate thickness of paving in those representative areas. Should thickness as indicated be less than that as required by plans and specifications, Contractor shall overlay entire paved area with a minimum 1-inch (or as specified) of finish mix.

**F. Sealing - (when applicable to existing asphalt areas)**

- 1. The surface shall be thoroughly cleaned by brooming, blowing or washing.
- 2. Any existing chipped or curled paint or old flaking sealer shall be removed by scraping and/or sand blasting.
- 3. Any accumulation of grease and oil shall be sand blasted.
- 4. All areas sand blasted shall have a coat of "Guard Top" applied per manufacturer's specifications.
- 5. All asphalt concrete pavements shall receive two (2) coats of seal coat. Allow first coat adequate drying time as per manufacturer's specification, approximately 3 to 4 hours.
- 6. The sealer shall be squeeze applied. Care shall be taken to prevent sealer from getting onto all vertical surfaces and concrete drainage structures. Any sealer on these surfaces shall be removed. No sequegee marks or ridges shall remain in the finished surface.
- 7. The application rate shall be between 0.20 and 0.30 gallons per square foot per one coat application. Thirty to forty gallons per 100 square feet should be used for two coat application.
- 8. Contractor may dilute the sealer to assist in application, but dilution shall not exceed 20% of sealer. Dilution material shall be compatible with sealer used.
- 9. Sand filler may be used, and shall be either #20 or #30 mesh silica sand, for raveled or rough areas. A maximum of three pounds per gallon of seal may be added.
- 10. Seal coat should not be applied if the temperature is not 60 degrees and rising or if rain is in the forecast within 48 hours.

**G. Guarantee:**

The Contractor shall furnish to OWNER a written guarantee to repair or restore any portion of the asphaltic concrete paving in which defects due to improper placing or defective material has become apparent within one (1) year from date of completion.

**SECTION 2.5 CONCRETE PAVING**

**2.5.1 SCOPE**

- A. Refer to drawing for location and extent of concrete parking lot and drive thru slab paving.
- B. Establish grades for and place base course / surface course materials.
- C. Reconcil slabs at ADA ramps as necessary to receive detectable warning tiles- see 2.9.

**2.5.2 GUARANTEE**

A guarantee for one (1) year against any defects in materials and workmanship for all concrete paving.