

RETAIL DEVELOPMENT
POP'S WINE & SPIRITS
2-1764 TR A-B MCFARLAND 400 IND PARK
MCFARLAND PKWY ALPHARETTA GA 30004

Specifications
PROJ. NO: 201812
DATE: 01-15-19
© 2018 ARCHPLAN DESIGN GROUP INC

S7.0

Table with 3 columns: REVISIONS, NO., DATE, COMMENTS. Row 1: 01.15.19, Permit Set.

1.6 SHOP DRAWINGS

The Contractor shall furnish drawings and details for the fabrication and placing of reinforcing steel when used with the contract drawings. Shop drawings shall show complete fabrication, bending, and placement of reinforcing. Comply with ACI 308R and CRSI Manuals and indicate bar schedules giving bar sizes, dimensions and splicing details, tie and stirrup spacing, diagrams of bent bars, and arrangements and assemblies as indicated on the drawings. All schedules shall be same as or similar to those shown on the Contract Drawings.

1.7 JOB CONDITIONS

Severe Weather Concrete: Unless protection is provided, concrete shall not be placed in rain. Rainwater shall not be allowed to increase mixing water or to damage surface finish.

PART 2 - PRODUCTS

2.1 MATERIAL

All cement shall be Type I and must meet ASTM C150. Fine aggregates shall meet ASTM C33. Coarse aggregate for normal weight concrete shall conform to ASTM C33, Class 4M, and shall be size 1/2" to #4 as established by ASTM C33. Grading requirements for Coarse Aggregate for "poa grade" concrete for concrete block fills shall be #7. Coarse aggregate for structural lightweight concrete shall conform to ASTM C330.

The water-cement ratio of the mix shall be established in the design and shall be based on the established relationship between the water-cement ratio and the strength of concrete shall be such as to produce the specified strength of the concrete with the least amount of water consistent with the workability of the mix. Surface water contained in the aggregate shall be included as part of the mixing water in computing the water content.

2.2 FORM MATERIAL

Plywood shall be PS1 (Concrete Form) Plywood, Class 11, exterior grade, mill-laminated and edge-sealed. Form coating shall not stain or soften concrete, shall serve as a parting compound or chemical releasing agent to prevent sticking of concrete to forms, and shall act as sealer to protect coating on forms.

2.3 CURING COMPOUNDS & SEALERS

Curing compounds shall meet ASTM C309 Type 1. The following curing compounds are approved: DAY CHEM REZ CURE (J-11-W) - DAYTON SUPERIOR CORPORATION; L & M CURE - L & M CONSTRUCTION CHEMICALS, INC.; KUREZ OR VOX - THE KUREZ CHEMICAL COMPANY; 1100 CLEAR - W. R. MEADOWS, INC.

SECTION 03 3000 CAST-IN-PLACE CONCRETE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

Drawings and general provisions of the Contract, including General and Supplementary Conditions, and Division 01 Specification Sections, apply to this Section.

1.3 REFERENCE STANDARDS

All work hereunder shall comply with portions of the current adopted editions of the following industry standards except as called for otherwise herein:

Table with 3 columns: American Concrete Institute (ACI), National Institute of Standards and Technology, American Society for Testing and Materials (ASTM).

1.4 PROCEDURES

If the evaluation of the compressive tests indicates that the concrete has failed to meet the specified strength, core tests shall be made of the concrete. The location and number of such tests to be at the Architect's discretion. Tests shall be made by a laboratory approved by the Architect.

1.5 SUBMITTALS

Concrete ingredients to laboratory. Laboratory reports of aggregate tests, verification of mix design and tests on field concrete, three copies each to Architect. Submit to Architect plans and procedures for cold weather concreting in accordance with ACI 306.

SECTION 03 2000 CONCRETE REINFORCING

PART 1 - GENERAL

1.1 REFERENCE STANDARDS

All work hereunder shall comply with the following except as called for otherwise herein: ACI Standard 301-10 Specifications for Structural Concrete. ACI Standard 318 Building Code Requirements for Reinforced Concrete.

1.2 SHOP DRAWINGS

The Contractor shall furnish drawings, schedules and details for the fabrication of the reinforcing steel to the Architect for review. The drawings and details shall be so complete that when used with the contract drawings the reinforcing steel can be placed.

1.3 TESTS

One copy of all mill reports for reinforcing steel provided for the project shall be furnished to the Architect. Mill reports shall be of tests of reinforcing steel made within the previous sixty days of date of shipment.

1.4 OBSERVATION

The Architect shall be notified that the steel will be ready for observation at least 48 hours prior to scheduled placing of concrete. All reinforcing shall be observed by the Architect before concrete is placed. Such observation shall not relieve the Contractor of his responsibility for correctness and compliance with contract documents.

PART 2 - PRODUCTS

2.1 REINFORCING

Reinforcing steel shall meet ASTM A 615, Grade 60. All reinforcing steel shall be of domestic manufacture.

2.2 ACCESSORIES

Accessories shall conform to CRSI Manual of Standard Practice and to the following unless noted otherwise. Joints shall be three leg type of #6 wire. Joints shall be provided with combination high chair and continuous slab bar bolster.

PART 3 - EXECUTION

3.1 FABRICATION

All reinforcing shall be shop fabricated. Fabrication shall be in accordance with the ACI Building Code (ACI 318) and the ACI "Standard Detailing Manual" (ACI SP-05) except that "minimum hooks" as shown in the detailing manual shall not be used.

3.2 PLACEMENT OF REINFORCEMENT

Contract drawings shall take precedence over Contractor's working drawings unless otherwise authorized by written change order. Contract drawings shall be referred to by the steel setter for details governing placing. Reinforcing shall be cleaned of grease, clay, concrete or other foreign substances. Steel bars shall not be bent or straightened in a manner that will injure the material.

END OF SECTION 03 2000

1/21/2019 8:44:24 AM

