

DIVISION 2 - SITEWORK

SECTION 0210-FOUNDATION ENGINEERING STUDY

- 1. GENERAL
1.1 A Foundation Engineering Study (Soil Report) for the project site has been completed.
2. SUBSURFACE INFORMATION
2.1 Log of borings indicates materials penetrated at specific locations.
3. REQUIREMENT
3.1 Contractor read and otherwise become completely familiar with contents of Soil Report...

END OF SECTION

* Refer to Project Manual for Soils Report

DIVISION 2 - SITE WORK

SECTION 02100 - SITE PREPARATION

- 1.1 SCOPE OF WORK
1.1.1 Furnish all labor, materials, services, equipment and appliances required for site preparation work indicated on the drawings and specified herein.
1.2 WORK INCLUDED BUT NOT INCLUSIVE
1.2.1 Location and protection of reference points
1.3 RELATED WORK SPECIFIED ELSEWHERE
1.3.1 Site grading
2. EXCAVATION FOR STRUCTURES
3. TRENCHING
PART II - PRODUCTS
2.1 NOT APPLICABLE
PART III - EXECUTION
3.1 GENERAL
3.1.1 Remove all trees, grass, weeds, roots, and other vegetation from the area to be excavated, filled or graded.
3.2 REFERENCE POINTS
3.2.1 Locate bench marks, monuments and other reference points for elevation and location of building.

END OF SECTION

DIVISION 2 - SITEWORK

SECTION 02200 - EARTHWORK

- PART I - GENERAL
1.1 SCOPE OF WORK
1.1.1 Furnish all labor, materials, services, equipment and appliances required for earthwork excavation, backfilling and compacting work indicated on the drawings and specified herein.
1.2 WORK INCLUDED, BUT NOT INCLUSIVE
1.2.1 Cutting, rough grading and backfilling
1.2.2 Excavation for building construction
1.2.3 Excavation for trenches
1.2.4 Dewatering excavations
1.2.5 Finish grading and topsoil
1.2.6 Inspection and testing
1.3 REFERENCE STANDARDS
1.3.1 American Society for Testing Materials (ASTM):
ASTM D698, latest editions, "Moisture Density Relationship of Soils" for determination of optimum moisture content and maximum density of both on-site fill material and borrowed fill material.
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PART II - PRODUCTS

- 2.1 MATERIALS FOR FILLING AND BACKFILLING
2.1.1 General Site:
Onsite clay soils compacted to a dry density of at least 95% of standard Proctor (ASTM D698) maximum laboratory dry density (100% minimum in the upper 12" of pavement subgrade) between 2% and 4% above optimum moisture content as determined by test methods described in ASTM D-698, Latest Edition, "Moisture Density Relationship of Soils."
2.1.2 Building Embankment:
Fill and backfill materials for use on the construction of the embankment under the building shall be as described on the structural drawings, including optimum moisture content, compaction requirements, etc.
2.1.3 Trenches:
Material, selected from trench excavation or obtained from other sources, which is free from stones of such size as to interfere with compaction and is free from large lumps or other foreign matter which will not readily break down under compaction.

PART III - EXECUTION

- 3.1 SITE GRADING
3.1.1 Cut or fill and machine grade site as shown on the drawings, to drain as indicated, allowing for the thickness of paving sub-base and the paving.
3.2 BUILDING EMBANKMENT
3.2.1 Machine cutting, filling and embankment construction shall be performed as indicated on the structural drawings.
3.3 EXCAVATION FOR TRENCHES
3.3.1 General:
Trenches shall be of necessary width for proper laying of pipe and conduit, with banks as nearly vertical as possible.

END OF SECTION

DIVISION 2 - SITEWORK

SECTION 02250 - CONCRETE PAVING, WALKS, CURBS, GUTTERS AND APPROACHES

- 3.3.2 Protection:
Provide sheeting, shoring and bracing per OSHA requirements for all trenching work and drainage structure excavation to prevent caving or to protect personnel, without additional cost to Owner.
3.3.3 Dewatering:
If a water condition is present, provide dewatering without additional cost to the Owner, including sumps, pumps and pumping as may be required or directed to ensure pipe laying and jointing in the dry.
3.4 BACKFILLING TRENCHES
3.4.1 General:
After pipe has been installed as required by the pertinent specifications, place backfill material along both sides of the pipe equally, in uniform layers not exceeding 6 inches in depth (loose measurement).
3.5 PROTECTION OF TREES TO REMAIN
3.5.1 Excavation Around Trees:
Hand excavate around trees when finish grade will be lowered.
3.6 FINISH GRADING AND TOPSOIL
3.6.1 Establish all grades by means of grade stakes placed at corners of units at all abrupt changes of grade and elsewhere as required.

END OF SECTION

DIVISION 2 - SITE WORK

SECTION 02255 - TERMITE CONTROL

- 1.1 SCOPE OF WORK
1.1.1 Furnish all labor, materials, services, equipment and appliances required for termite control treatment of earth specified herein.
1.2 INTENT
1.2.1 To guard against termites and other common ground insects detrimental to wood construction.
1.3 GUARANTEE
1.3.1 The treatment specified in this section shall be performed by a reputable exterminating company and shall be guaranteed in writing for a period of 5 years, subject to annual renewal thereafter.
PART II - PRODUCTS
2.1 POISON
2.1.1 Durabon TC, Dow Chemical - apply per manufacturer's recommendations.

END OF SECTION

PART III - EXECUTION

- 3.1 APPLICATION
3.1.1 Safety:
Soil-poisoning treatment shall be accomplished in accordance with all recommended safety precautions for the materials used.
3.1.2 Quantities and Rates:
Apply soil-poisoning treatment at the minimum rate of 1-1/2 gallons per 10 square feet as overall treatment under the slab, prior to placing of vapor barrier.
3.2 CLEAN-UP
3.2.1 Upon completion of work of this section, remove related debris from premises.

END OF SECTION

DIVISION 2 - SITE WORK

SECTION 02505 - CONCRETE PAVING, WALKS, CURBS, GUTTERS AND APPROACHES

- 1.1 SCOPE OF WORK
1.1.1 Furnish all labor, materials, services, equipment and appliances required for Portland cement concrete paving work indicated on the drawings and specified herein.
1.2 WORK INCLUDED, BUT NOT INCLUSIVE
1.2.1 Concrete pedestrian traffic surfaces (walks, ramps, etc.).
1.2.2 Concrete vehicular traffic surfaces.
1.2.3 Concrete curbs and gutters.
1.2.4 Concrete traffic approaches.
1.3 REFERENCE PUBLICATIONS AND STANDARDS
1.3.1 Governing Authority:
Applicable standards and regulations of state and municipal agencies having governing authority over the work specified in this section shall take priority over items specified herein and shown on the drawings unless the requirements set forth herein require a superior quality work.
1.4 SUBMITTALS
1.4.1 Testing Laboratory Reports:
Furnish three copies of the test reports to the Owner, indicating results of the cylinder test.

END OF SECTION

PART III - EXECUTION

- 3.1 INSPECTION OF SUBGRADE
3.1.1 Inspect subgrades prepared as specified in EARTHWORK and report any deficiencies to the Owner before beginning work.
3.2 CONSTRUCTION
3.2.1 General:
Deliver and place concrete as specified in CAST-IN-PLACE CONCRETE.
3.2.2 Curbs and Gutters:
Construct to cross-sectional details shown on drawings and at indicated locations.
3.2.3 Configurations:
Construct 1/2" wide expansion joints with joint filler across lengths of curb at all tangent points and at not more than thirty foot intervals.

END OF SECTION

DIVISION 2 - SITE WORK

SECTION 02505 - CONCRETE PAVING, WALKS, CURBS, GUTTERS AND APPROACHES

- 3.2.4 Finishing:
Finish surfaces with dense uniform texture equal to burlap drag and cross-score with 1/4" deep cross joints at ten foot intervals with edges smoothed 1/8".
3.2.5 Joints:
Fill expansion joints with joint filler except for space 3/4" deep at surface.
3.2.6 Traffic Approaches and Vehicular Traffic Surfaces:
3.2.6.1 Configurations:
Construct to cross-sectional details shown on drawings and at indicated locations.
3.2.6.2 Reinforcement:
Reinforce with #3 minimum size reinforcing bars 18" on center both ways, unless otherwise indicated or noted on the drawings.
3.2.6.3 Expansion and Construction Joints:
At intentional points for stoppage of concrete placing, use expansion joints.
3.2.6.4 Joint Filling and Sealing:
Fill expansion joints with joint filler except for space 3/4" deep at surface.

END OF SECTION

PART III - EXECUTION

- 3.2.4.5 Finishing:
Finish surfaces not noted on the drawings to be finished otherwise shall be finished to a "broom" or "burlap drag" gritty surface.
3.3 CURING CONCRETE
3.3.1 Apply a white-pigmented type curing compound at a uniform rate of approximately 200 sq. ft./gallon, or as recommended by curing compound manufacturer as soon as the finishing operation has been completed.

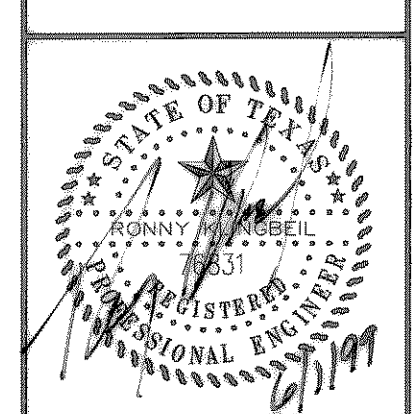
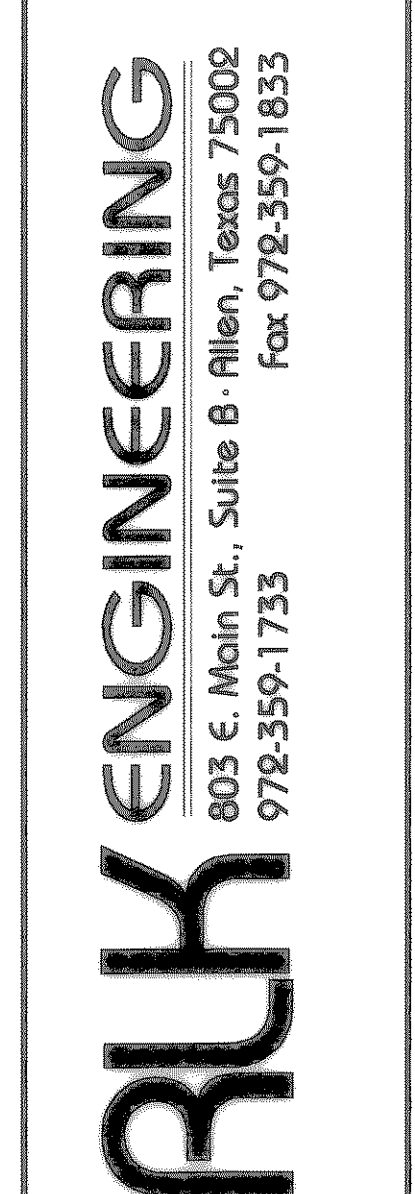
END OF SECTION

DIVISION 2 - SITE WORK

SECTION 02505 - CONCRETE PAVING, WALKS, CURBS, GUTTERS AND APPROACHES

- 3.4.2 Contractor Tests:
3.4.2.1 Slump Tests:
Slump tests shall be taken by the Contractor when cylinders are taken, and shall show maximum slump 5" and minimum slump 3".
3.4.2.2 Air Entrainment:
Air content by volume: 5% to 7% based on measurements made in concrete mixtures at point of discharge at job site at time slump tests are made.
3.5 CLEANING CONCRETE
3.5.1 Concrete approaches, sidewalks, and related work shall be hosed down with water, scrubbed with fiber brushes, allowed to dry and be left broom clean and in condition acceptable to the Owner.
3.6 CLEAN-UP
3.6.1 Upon completion of work of this section remove related debris from premises.

END OF SECTION



LOT 2, BLOCK A HOME DEPOT-ROCKWALL ADDN. ROCKWALL, TEXAS SPECIFICATIONS

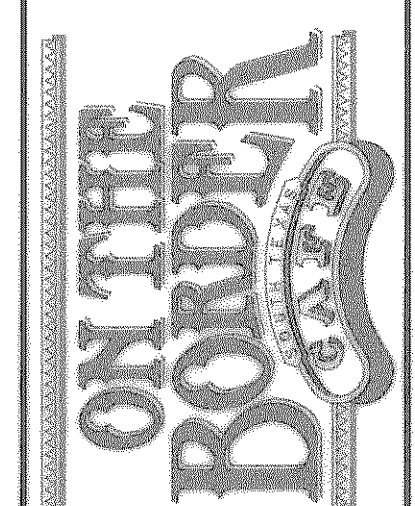


Table with 2 columns: Revisions, Date. Rows 1-10.

Issue Dates: 10/01/98, 10/26/98

Scale: NR Drawn By: RLK Checked by: RLK Project No. 98046

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