

DIVISION 2 -- SITE WORK  
SECTION 02580 -- PAVEMENT MARKING

PART I -- GENERAL

1.1 SCOPE OF WORK

1.1.1 Furnish all labor, materials, services, equipment and appliances required for pavement marking work indicated on the drawings and specified herein.

1.2 SHOP DRAWINGS

1.2.1 Submit manufacturer's literature to the Owner for acceptance. Literature shall show compatibility of product proposed for use with paving surface to which product is to be applied. Do not begin any work of this section without product approval.

1.3 COORDINATION OF WORK

1.3.1 Contractor and subcontractor for work of this section shall be jointly responsible for the coordination of the work specified herein, including but not limited to:

1.3.1.1 Fire Lanes:

Coordinate with all governing authorities to determine exact requirements (whether or not shown on the drawings). Fire lane marking, if required, is part of the work of the base proposal.

.2 "Handicapped" Parking Spaces:

Coordinate with all governing authorities to determine exact requirements (whether or not shown on the drawings). Special marking, if required, is part of the work of the base proposal.

.3 Colors:

Coordinate color requirements with all governing authorities, use only acceptable colors. Colors specified herein shall be used if acceptable.

.4 Notification:

Notify the Owner of any required variation from the drawings resulting from coordination.

1.3.1.5 Detectable Ramp Warnings:

Raised, truncated domes with a diameter of 0.9 inches, a height of 0.2 inches, and a center-to-center spacing of 2.35 inches, which shall comply with the Americans with Disabilities Act in its entirety.

1.4 GUARANTEE

1.4.1 Any work found to be defective because of either poor workmanship or defective materials which may be evident within a period of 60 days from acceptance for use will be replaced at no additional cost to the Owner. Indications of defective work for the purpose of this guarantee include poor adhesion to the pavement surfaces, chalking, cracking, peeling and discoloration. This shall not be construed to include wear, damage or discoloration caused by traffic, erosion or from normal exposure to the elements.

PART II -- PRODUCTS

2.1 MARKING PAINT

2.1.1 Alkyd-base traffic marking paint compatible with paving surface to which paint is to be applied.

2.2 COLORS

2.2.1 General Use:

Manufacturer's standard flat white.

Fire Lanes:

Manufacturer's standard red.

PART III -- EXECUTION

3.1 WEATHER CONDITIONS

3.1.1 No paint shall be applied to damp or wet pavement surfaces, nor when inclement weather threatens to interrupt normal progress of the work. Traffic paint shall not be applied at a temperature below 40° F nor exceeding 95° F.

3.2 SURFACE PREPARATION

3.2.1 New concrete surfaces will be allowed to cure for a period of not less than 11 days before application of marking materials. Dust, clay, silt and excess sand will be removed (by sweeping) from the pavement to be marked before application of paint.

3.3 APPLICATION OF PAINT

3.3.1 Equipment:

Spray mechanism capable of applying paint at the rate specified at an even and uniform thickness, with clear cut edges. Mechanism shall be operated by means of quick opening and closing valves conveniently located.

.2 Rate of Application:

Apply at a rate of one (1) gallon spread evenly over an area of 100 square feet plus or minus five (5) square feet and a wet film thickness of 0.015 inch (15 mils).

.3 Procedure:

Apply paint in accord with manufacturer's written instructions, with 4" wide lines in patterns and spacings as shown on site plan (SP) drawings. Width of the lines shall be within a tolerance of one-half inch. The centerline of markings shall not deviate more than one-half inch laterally from a straight line at any point.

3.4 CLEANING

3.4.1 Any spilled paints shall be cleaned from the paved areas to the satisfaction of the Owner. Keep the premises clean at all times. Paint, empty containers, and other material or equipment shall not be stored or allowed to accumulate on, or near the paved areas.

3.5 PROTECTION OF COMPLETED WORK

3.5.1 Protect newly painted surfaces from damage by vehicles during the time required for paint to harden sufficiently to withstand traffic. Any damage to newly painted markings due to the paint subcontractor's failure to provide adequate protection shall be repaired by him at no additional cost 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

DIVISION 2 -- SITE WORK  
SECTION 02854 -- PARKING BUMPERS (WHEEL STOPS)

PART I -- GENERAL

1.1 SCOPE OF WORK

1.1.1 Furnish all labor, materials, services, equipment and appliances required for parking bumper (wheel stop) work indicated on the drawings and specified herein.

PART II -- PRODUCTS

2.1 WHEEL STOPS

2.1.1 Precast concrete, semi-circular or beveled square in cross-section, 6'-0" long X 6" high X 8" wide, with holes for three dowels cast through each unit.

2.2 DOWELS

2.2.1 3/4" round X 12" long (minimum) steel dowels as recommended by wheel stop manufacturer.

PART III -- EXECUTION

3.1 GENERAL

3.1.1 Install wheel stops in locations and in accord with details shown on the drawings.

3.2 INSTALLATION

3.2.1 Countersink steel dowels to a point 1/2" to 3/4" below the top surface of the wheel stop and set in such a manner as to avoid chipping or cracking the concrete during installation.

3.3 CLEAN-UP

3.3.1 Upon completion of work of this section, remove related debris from premises.

END OF SECTION

DIVISION 2 -- SITE WORK  
SECTION 02900 -- LANDSCAPING

PART I -- GENERAL

1.1 SCOPE OF WORK

1.1.1 Landscape work, including the furnishing and installation of the irrigation (sprinkler) system, seeding, sodding, and the planting of trees, shrubs and vines, is included in a SEPARATE CONTRACT and is NOT a part of the work of this contract (NIC).

PART II -- PRODUCTS

2.1 NOT APPLICABLE

PART III -- EXECUTION

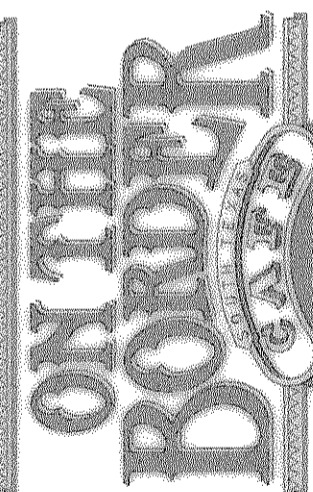
3.1 NOT APPLICABLE

END OF SECTION

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



Revisions:	Date
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

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

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

**AS-BUILT**

NOTE:  
THESE PLANS HAVE BEEN REVISED  
TO CONFORM WITH CONSTRUCTION  
RECORDS PROVIDED BY CONTRACTOR.

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