The sprinkler shall be of the gear-driven rotary type, capable of covering a \_\_\_\_\_\_\_\_ foot (meter) radius at \_\_\_\_\_\_\_\_ PSI (bars; kPa) with a discharge rate of \_\_\_\_\_\_\_\_ GPM (m3/hr; I/min).

The sprinkler shall have available ten (10) interchangeable standard 22.5° trajectory nozzle sets and nine (9) 15° trajectory low-angle nozzle sets discharging 14.4 to 58.3 GPM (3,28 to 13,24 m3/hr; 54,6 to 220,6 I/min).

The sprinkler shall be an opposing nozzle, full-circle factory configuration. The sprinkler shall be field-convertible to an adjustable part-circle configuration. The adjustment range shall be minutely adjustable from 60° to full-circle in all phases of installation (i.e., before installation, after installation while static, and after installation while in operation). The sprinkler shall have an arc adjustment ring for setting the arc. The adjustment ring shall be rotatable by hand manually or, using the sprinkler’s arc-adjustment/riser hold-up tool. The sprinkler shall be equipped with a ratcheting riser to facilitate arc orientation to the area of coverage. The sprinkler’s short/mid-range nozzles shall have a pressure and velocity reduction system to ensure even short/mid-range water distribution efficiency through the creation of large water droplets. This pressure reduction system shall minimize wind drift while protecting newly planted seeds from washout. In the adjustable arc configuration the sprinkler shall have “back-nozzle” capability by removing one or two rear-facing plugs and installing nozzles. Available “back-nozzles” shall include any short or mid-range G84B or G85B Series nozzle.

The sprinkler shall have a minimum 3¾” (9,5 cm) pop-up stroke that raises the rotating nozzle above normally maintained turf grass heights and protects the water distribution profile. The riser of the sprinkler shall have a shock absorbing bumper device to protect riser during the winterization process. The sprinkler shall have a 1¼” female ACME inlet. The sprinkler shall be constructed such that all internal body components can be serviced from the surface and through-the-top of the sprinkler without disturbing the turf grass. The sprinkler shall be equipped with a check valve that will prevent system drainage caused by elevation changes up to 10 feet (3 m).

The sprinkler shall be equipped with a flanged body for stabilization and protection from heavy equipment. The flange shall have a recessed area for installation of yardage marker placard. The body of the sprinkler shall be constructed of corrosion-resistant, impact resistant, heavy-duty A.B.S. plastic. Sprinkler shall have optional identification for reclaimed water applications via a field-installed purple upper snap ring assembly.

The sprinkler shall be manufactured by Hunter Industries Incorporated, San Marcos, California.