

CC# 2011082200884470, CCLR

Watters Road

Bossy Boots Drive

QUAIL RUN PHASE 2
VOL. 2006, PG. 214, CCMR

N89°08'09"E 372.90'

350.92'

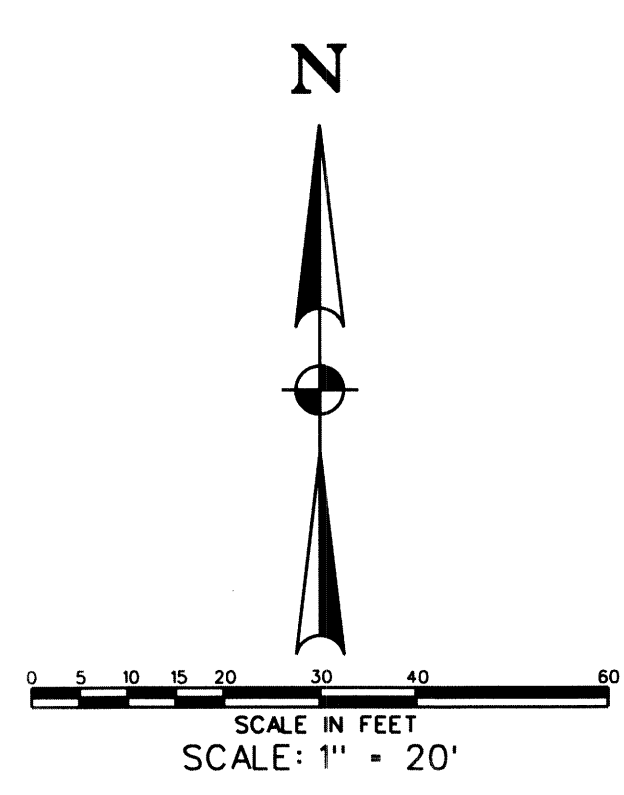
N00°46'26"W

3.203 Acres
139,507 Sq.Ft.

John Fyke Survey, A-325

△=15°38'25" R=1055.00' Arc=287.99'

S89°05'32"W 131.20'



- NOTES:
- Controller to be Rainbird ESP-LXME with Rain/Freeze Guard and ET Manager. 32 station outdoor, wall mounted on exterior masonry wall. Electrical service to controller to be provided by owner.
 - All pipes larger than 1/2" to be class 200 pvc, 1/2" class 315 pvc.
 - Spray heads to be installed using 6" cut off nipples for flexibility. Heads in groundcover areas are to be 12" pop up and heads in shrub areas are to be shrub heads on 1/2" gray sch. 40 pvc or 6" pop up (sst).
 - Double check to be installed per City of Allen code.
 - Spray Valves to be mounted in 10" (min.) round plastic boxes.
 - Drip valves to be mounted in 18" rectangular boxes.
 - PVC ball valves (same size as remote control valve) are to be installed between main line and remote control valve (in 6" valve boxes) for isolation of valve.
 - Main line pipe to have a minimum of 12" cover.
 - Lateral lines to have a minimum of 8" cover in grass areas and 12" in bed areas.
 - Remote Control Valves are to be Irritrol 214 angle / 205 valves sized on plan except drip zone to be Rainbird XCZF-100-PRF Valve kit(s).
 - Valve control wires to be different color for each valve and installed with coils at turns and slack to prevent stretching. A spare wire is to be run to each valve for future use and labeled as such.
 - Quick couplers to be Rainbird 44RC installed in 10" valve box.
 - Spray heads are Rainbird 1800 SAM-PRS series.
 - Rotor heads are Hunter PGP with Low Angle Nozzles (#7)
 - All pipe under concrete are to be in sch. 40 pvc sleeves 3" diameter or as indicated on plan. Main Line to be sleeved with wires and lateral lines to have separate sleeve 4" diameter.
 - Plan is diagrammatic, the Contractor is responsible for verifying size of irrigated areas and static pressure, reporting any conflict to owner. Coverage is to be 100%. Contractor is to have Landscape Contractor stake the location of all plants and trees for installation of water drip rings.

Note: System is designed for 55psi static pressure. Pressure less than the designed pressure will require adjustments to the design. Velocities are not to exceed 5 ft. per second.

Drip zones are to be installed per manufactures specifications using Rainbird (or equal) XB-20PC Xeri-Bug emitters, XFD- drip line, XSF drip line, and XCZF-100-PRF Valve control kit. A ball valve is to be installed at each terminus for flush valve. Zones are to be pipe size as to not exceed 5 FPS and for minimum PSI loss using PVC and Distribution Tubing.

- Irritrol 214 (Angle)/205 Electric Remote Control Valve (RCV) and Rainbird XCZF-100-PRF kit for drip zones.
- Rainbird 1800 PRS Series Spray Head (15V indicates 15' radius, adj. pattern 12H indicates 12' radius, 180 degree pattern, etc.) Hunter Nozzles are to be used for adjustable nozzles and 17' radius nozzles.
- Hunter PGP rotor w/LA nozzle
- Hunter PGP rotor w/LA nozzle - Temporary head installation for future development
- Drip Zone 10" water ring with 2 Rainbird XB-20PC emitters around all shrubs (311)
- Drip Zone 18" water ring with 5 Rainbird XB-20PC emitters around all ornamental trees (20)
- Drip Zone 30" water ring with 9 Rainbird XB-20PC emitters around all shade trees (29)
- Drip Zone Rainbird XFD Blank distribution tubing
- ▲ Rainbird 3/4" Quick Coupler (QC)
- ◆ Double Check Assembly (DCA) with Y Strainer and Ball Valve per State Regulations.
- Controller (see notes)

IRRIGATION PLAN					
RADHA KRISHNA TEMPLE					
WATTERS AND BOSSY BOOTS					
ALLEN, TEXAS					
SHARP LANDSCAPES					
1129 HUNTINGTON DRIVE • RICHARDSON, TEXAS 75060					
BILL SHARP • 972-978-6172					
DESIGN	DRAWN	DATE	SCALE	NOTES	NO.
HELM.	CADD	MARCH 2014	1"=20'	AMBER	1337
					L3