

# LARGE CRICKET FIELD

## 6504 SPRINKLER

### LEGEND

- MAINLINE PIPE - SIZE AS SHOWN
- SPRINKLER LATERAL PIPE - SIZE AS SHOWN
- ⊕ WATER METER - PER LOCAL CODE
- ⊞ BACKFLOW PREVENTION ASSEMBLY - PER LOCAL CODE
- Ⓜ RAIN BIRD 200-EFB-CP MASTER VALVE
- ⓕ RAIN BIRD FS200B FLOW SENSOR
- Ⓢ RAIN BIRD 5-RC QUICK COUPLING VALVE
- Ⓡ RAIN BIRD PEB ELECTRIC CONTROL VALVE
- ⊗ ISOLATION GATE VALVE - SIZE TO MATCH MAINLINE
- ⓐ RAIN BIRD ESP12LXME/ESPLXMSM12 IRRIGATION CONTROLLER  
24 STATIONS AVAILABLE, 24 STATIONS USED
- Ⓡ RAIN BIRD WR2 WIRELESS RAIN/FREEZE SENSOR
- RAIN BIRD F4-PC-SS-P @ 6.4 BAR  

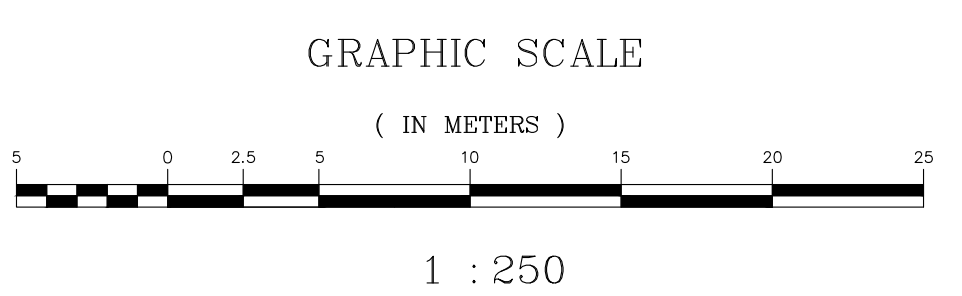
NOZZLE	FLOW(LPM)	RADIUS(METERS)
4	17.4	13.1
8	35.6	16.2
14	61.3	18.6
- Ⓡ RAIN BIRD F4-FC-SS-P @ 6.4 BAR  

NOZZLE	FLOW(LPM)	RADIUS(METERS)
14	61.3	18.6
- ⓐ INDICATES CONTROLLER AND CONTROLLER STATION NUMBER
- Ⓢ INDICATES LATERAL DISCHARGE IN LPM
- Ⓡ INDICATES REMOTE CONTROL VALVE SIZE

### GENERAL NOTES

1. DESIGN IS BASED UPON A MAXIMUM FLOW OF 428 LPM AND A MINIMUM PRESSURE OF 7.2 BAR DOWNSTREAM OF BACKFLOW PREVENTION DEVICE. IF SUFFICIENT PRESSURE IS NOT AVAILABLE AT POINT-OF-CONNECTION A BOOSTER PUMP WILL NEED TO BE INSTALLED. CONTACT A RAIN BIRD REPRESENTATIVE FOR THE APPROPRIATE PUMP FOR THE SITE.
2. SPRINKLER LOCATIONS ARE TO SCALE. PIPE LOCATIONS ARE DIAGRAMMATIC.
3. ALL SPRINKLERS ARE TO BE INSTALLED ON RAIN BIRD TSJ-12 SWING JOINTS.
4. ALL VALVES ARE TO BE INSTALLED WITHIN RAIN BIRD VB SERIES VALVE BOXES.
5. PROVIDE RAIN BIRD #55K-1 KEY (25MM MALE OUTLET) AND SH-2 SWIVEL HOSE ELL FOR EACH QUICK COUPLING VALVE.
6. REFER TO RAIN BIRD CATALOG AND INSTALLATION DETAILS FOR MORE DETAILED INFORMATION ABOUT EACH COMPONENT.
7. PIPES SHOULD NOT BE INSTALLED UNDER THE CLAY WICKET AREA.
8. CONSULT WITH OWNER FOR PREFERENCE REGARDING VALVE INSTALLATION WITHIN PLAYING SURFACE.

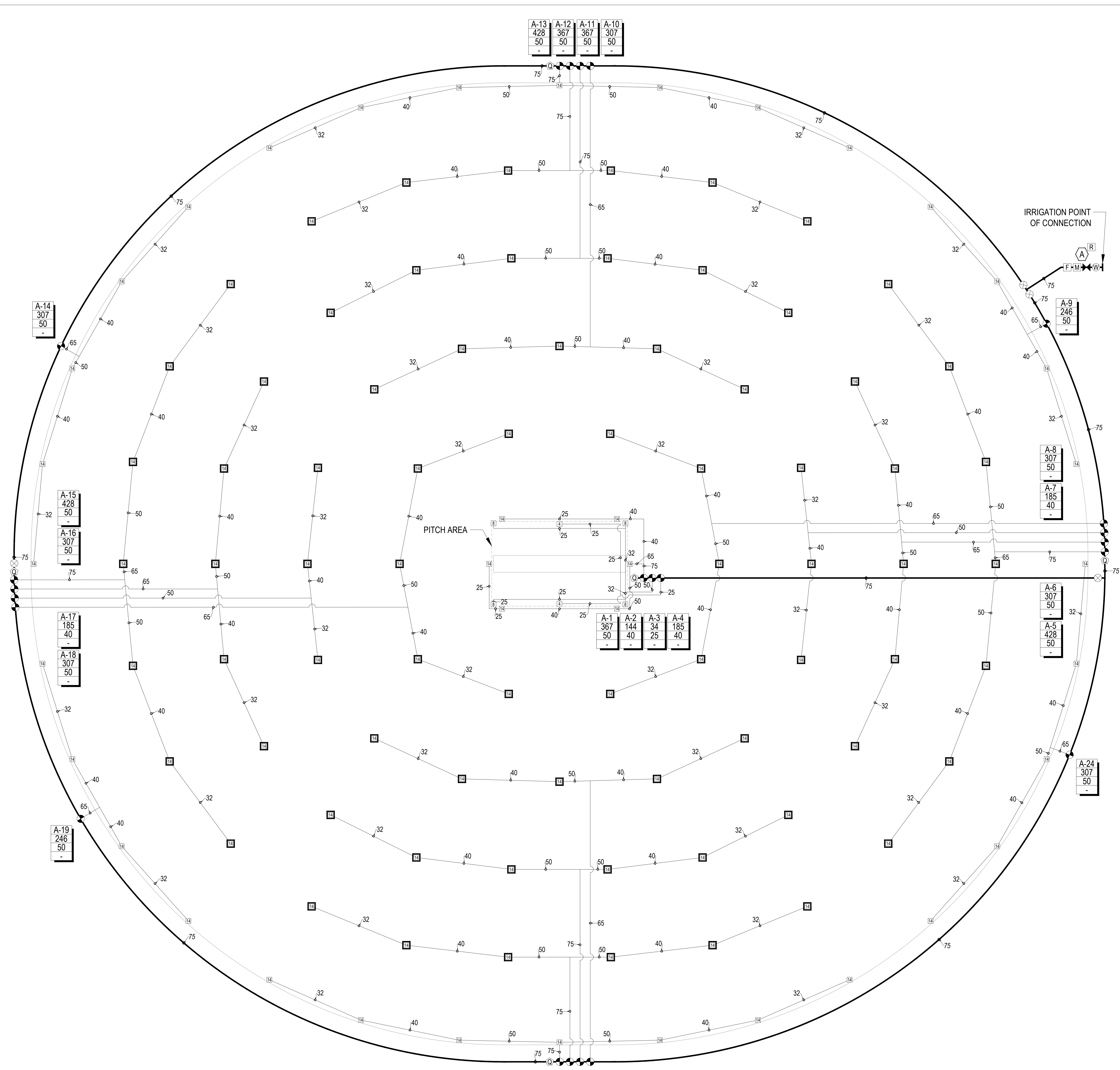
Project: \_\_\_\_\_



Date: July 8, 2014

Drawing Number: \_\_\_\_\_

# CF-4



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