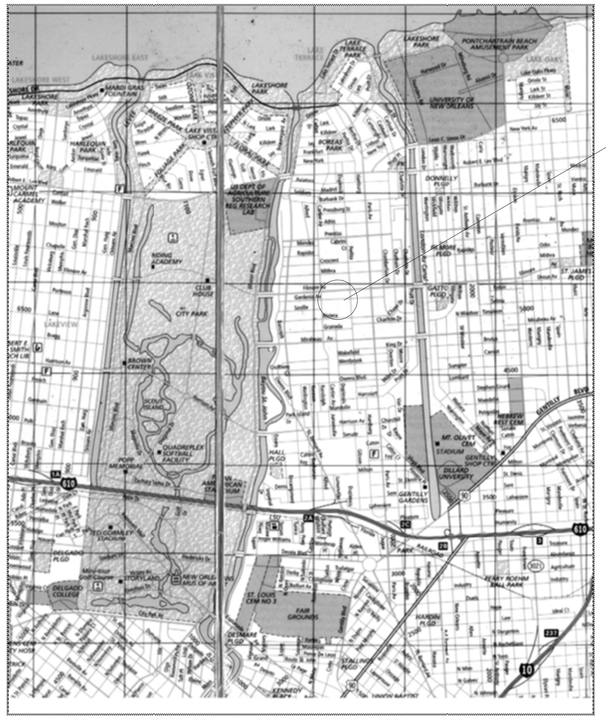

Project location
Arthur Ashe Charter School
1456 Gardena Dr., New Orleans, Louisiana

Contact Information

Facilities Supervisor:
Aaron Michalski
504-717-3401

Ashe School Principals:
Sivi Domango
504-421-2162

Project Landscape Architect:
Terry Ibert
o.504-522-5444 c.504-715-2013
3027 Ponce de Leon St.
New Orleans, La. 70119

contractor notes

*Contractor responsible to call Louisiana one-call
and have utility lines marked before any excavation
1-800-272-3020 / www.laonecall.com

*Any permits or municipal requirements to complete this work are the responsibility of the contractor.
*Contractor responsible to have utility lines located and marked wherever they may be affected by this project.
*Contractor to notify all listed parties 48 hours before commencement of work.
*Contractor to coordinate with and accommodate needs of Ashe school principal
and facilities manager prior to any interruption of water service to school.
*All areas excavated or disturbed by the construction process will be back filled, fine graded and returned to the original grade.
*Contractor to remove and safely dispose of all construction debris generated by their work.
*Glue joints on all electrical conduit, cap and mark ends of all unused conduit w/ 2x4 stakes.

drawing notes

*irrigation model and product numbers are based on Rain Bird Irrigation Products 2013 catalog
*irrigation main water line is 2" sch. 40 pvc pipe to be set min. 18" deep
*lateral line sizes are indicated on drawings, all laterals sch. 40 pvc set min. 8" deep.
*valve locations are indicated on the site plan.
*active valves are indicated by valve product # and type.
*a 6" stub w/ cap is to T off of the main line @ each inactive valve location.
*all valve locations are to be installed in a VB-STD 21.8"x16.6" valve box, a 36" loop of irrigation
controller wire is to be coiled in each box.
*use 3 strand / 18 guage irrigation controllr wire throught the irrigation system.

bid notes

*This bid is for the installation of the 2" irrigation main line, 2" PVB and connection with 2" shut off valve to the existing
2" stub out on the buildings main water line.
*Installation of irrigation zones A-1/A-2/A-3/A-4/A-5.
*Installation and activation of controller A and all accessory components.
*Installation and activation of controller B and all accessory components.
*Connection of zone B-1 to the 3 existing irrigation zones at the school entrance.
*Installation of 1-1/2" sch. 80 electrical conduit under emergency driveway from 3' on
building side of driveway to greenhouse location.
*Installation of all conduit and pipe crossings under driveways and walkways as indicated on plans.

Drawing Index

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Landscape Architecture
Planning * Construction Management

Ashe School Edible School Yard

1456 Gardena Drive
New Orleans, La.

Cover Page

drawn: Terry Ibert
date: 2/5/2013
scale:

revision:

HEDGE

HEDGE

HEDGE

CITRUS TREES

OUTDOOR CLASSROOM

PRODUCTION GARDEN

PRODUCTION GARDEN

PRODUCTION GARDEN

GREENHOUSE

BORDER PLANTING

OUTDOOR GATHERING SPACE

COMPOST AREA CONCRETE SLAB

CITRUS TREES

FIRE LANE

NORTH

30 20 10 5 0

Terry Ibert

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Landscape Architecture
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Ashe School Edible School Yard

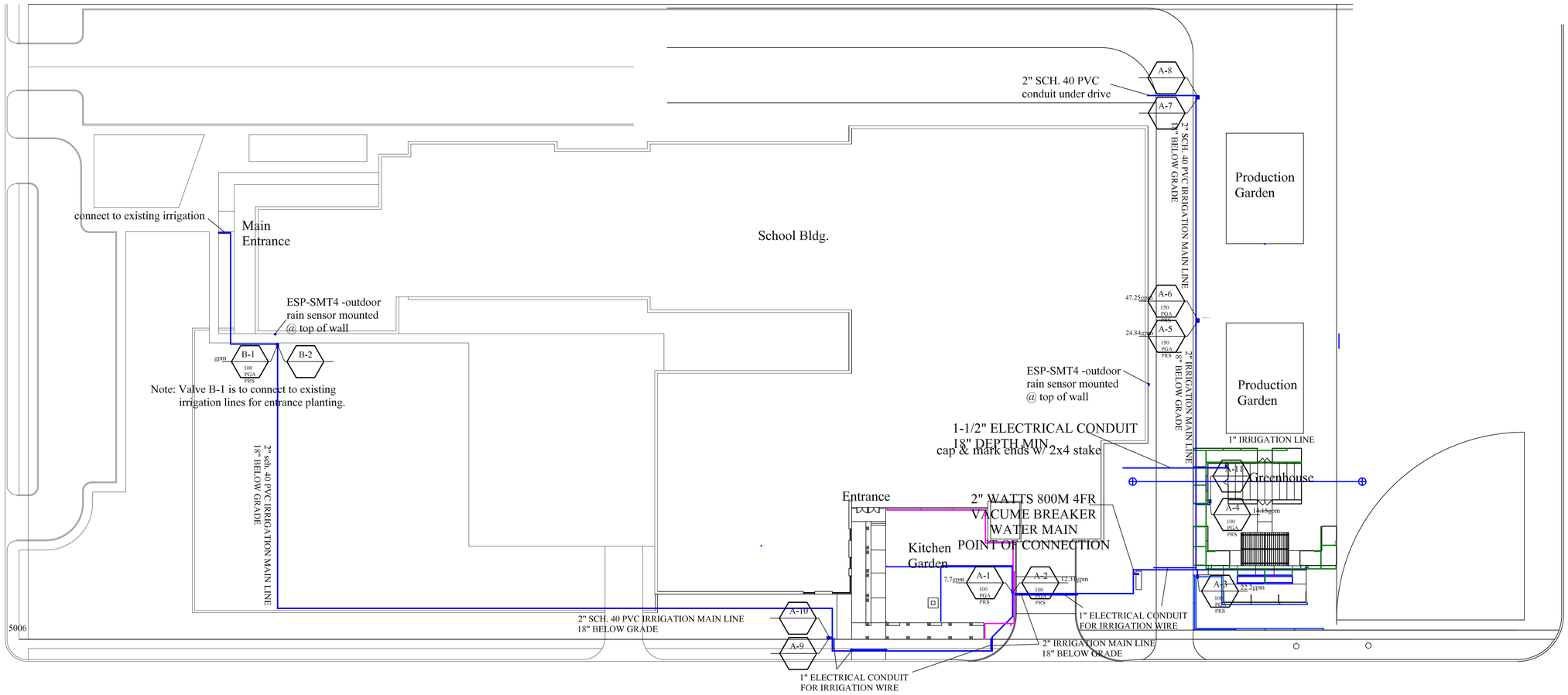
1456 Gardena Drive
New Orleans, La.

Site Plan
Production Area

drawn:
Terry Ibert
date:
12/17/12
scale:
3/32"=1'-0"

revision:

page
2 of 6



Note:

Irrigation valve, rotor, popup and nozzle model # refer to Rain Bird irrigation products.
Protect all exposed pipe with cold wheather insulation.
Use 13 strand / 18 guage irrigation controller /valv wire.
Install 2" brass shut off valve and 2" Watts PVB on 2" copper pipe at point of connection.

0 10 30 50

scale: 1"=30'-0"

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Ashe School Edible School Yard

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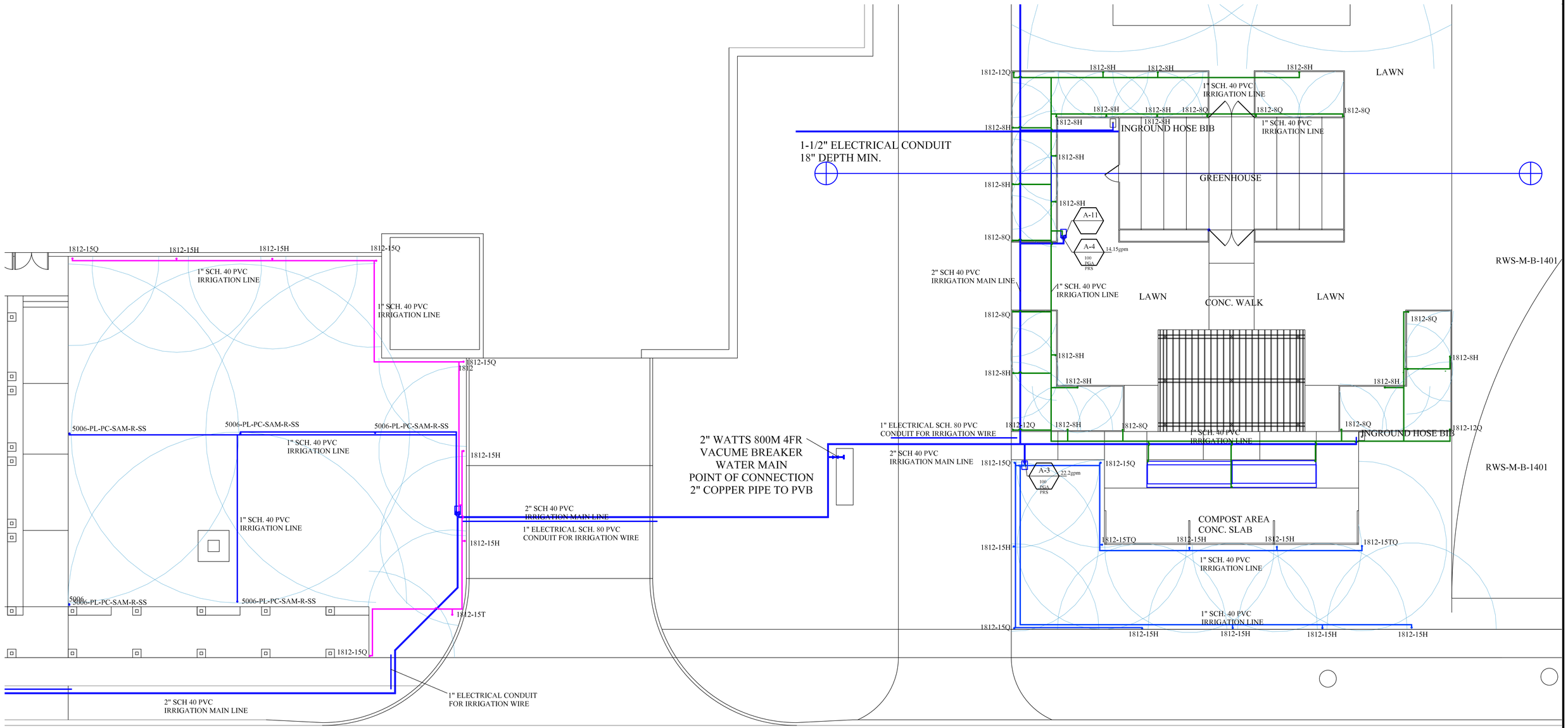
New Orleans, La.

Irrigation Plan

Main Line & Valve Location

drawn: Terry Ibert
date: 6/10/13
scale: 1"=30'-0"

revision:



Note:

Irrigation valve, rotor, popup and nozzle model # refer to Rain Bird irrigation products. Protect all exposed pipe with cold wheather insulation.

0 5 10 20 30

scale: 1/8"=1'-0"

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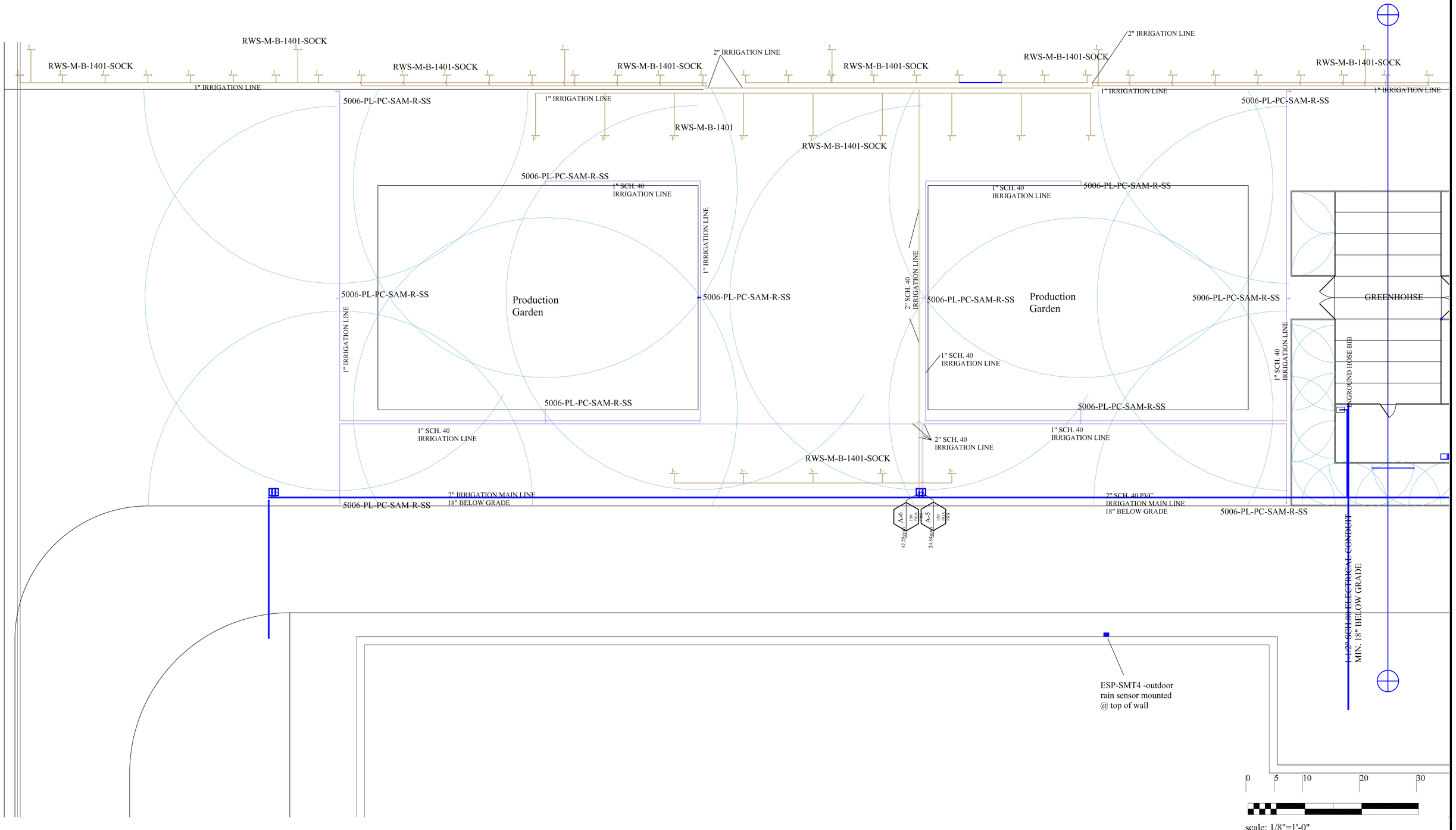
Irrigation Plan

Zones A-1/A-2/A-3/A-4

drawn: Terry Ibert
date: 6/10/13
scale: 1/8"=1'-0"

revision:



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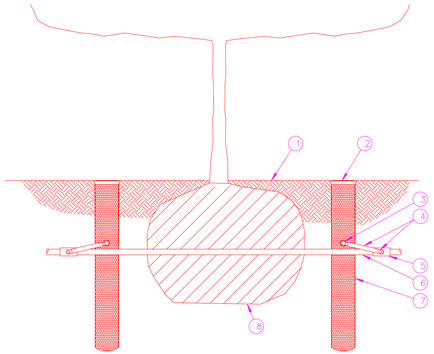
Irrigation Plan

Zones A-5 / A-6

drawn: Terry Ibert
date: 6/10/13
scale: 1/8"=1'-0"

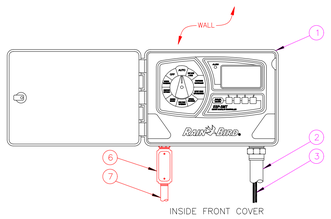
revision:



1. FINISH GRADE/TOP OF MULCH
2. ROOT WATERING SERIES:
   RAIN BIRD RWS-M SERIES
   (1 OF 2 SHOWN, MORE POSSIBLE)
3. 1/2-INCH SPIRAL BARB FITTING (INCLUDED)
   (1 OF 2 SHOWN, MORE POSSIBLE)
4. 1/2-INCH SWING ASSEMBLY: RAIN BIRD SA-125050
   OR
   1/2-INCH SWING PIPE: RAIN BIRD SP SERIES WITH 1/2-INCH MALE NPT x .490-INCH BARB ELBOW: RAIN BIRD SBE-050
   (1 OF 2 SHOWN, MORE POSSIBLE)
5. PVC SCH 40 TEE OR EL
   (1 OF 2 SHOWN, MORE POSSIBLE)
6. PVC OR POLYETHYLENE LATERAL PIPE
7. OPTIONAL RWS SAND SOCK (RWS-SOCK) FOR SANDY SOILS (1 OF 2 SHOWN, MORE POSSIBLE)
8. PLANT ROOT BALL

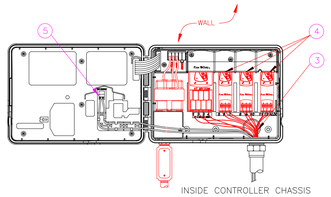
NOTES:
1. POSITION 2-3 UNITS (OR MORE) EVENLY SPACED AROUND PLANT. FOR NEW TREES PLACE NEAR ROOT BALL. FOR EXISTING TREES PLACE HALF THE DISTANCE BETWEEN CANOPY EDGE AND TREE TRUNK.
2. INSTALL PRODUCT WITH TOP EVEN WITH GROUND SURFACE.
3. RWS SERIES AVAILABLE IN THE FOLLOWING MODELS:
   - RWS (NO BUBBLER/EMITTER INCLUDED)
   - RWS-B-1401 (0.25 GPM)
   - RWS-B-C-1402 (0.5 GPM, CHECK VALVE)
   - RWS-B-C-1404 (1.0 GPM, CHECK VALVE)
   - RWS-B-C-1401 (0.25 GPM, CHECK VALVE)
   - RWS-B-X-1401 (0.25 GPM, 18" SWING ASSEMBLY)
   - RWS-B-1402 (0.5 GPM)
   - RWS-B-C-1408 (2.0 GPM, CHECK VALVE)
4. WHEN INSTALLING IN EXTREMELY HARD OR CLAY SOILS, ADD ¾" GRAVEL UNDER AND AROUND THE UNIT TO ALLOW FASTER WATER INFILTRATION AND ROOT PENETRATION.
5. ONCE RWS HAS BEEN INSTALLED FILL THE BASKET WITH PEA GRAVEL BEFORE LOCKING LID.

RWS ROOT WATERING SYSTEM

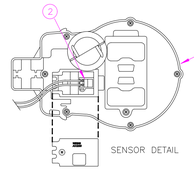


INSIDE FRONT COVER

1. RAIN BIRD ESP-SMT4 OUTSIDE WALL MOUNT
2. 1-INCH PVC SCH 40 CONDUIT AND FITTINGS
3. WIRES TO REMOTE CONTROL VALVES AND SENSOR
4. OPTIONAL MODULES FOR 13-STATION CONTROLLER
5. CONNECTION FOR WIRES FROM SENSOR
6. JUNCTION BOX
7. 1/2-INCH PVC SCH 40 CONDUIT TO POWER SUPPLY



INSIDE CONTROLLER CHASSIS



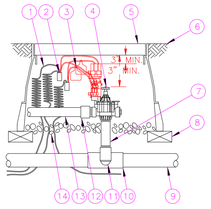
1. ESP-SMT SENSOR (BOTTOM VIEW)
2. CONNECTION FOR WIRES FROM CONTROLLER

SENSOR DETAIL

NOTE:
WIRE LENGTH FROM CONTROLLER TO SENSOR NOT TO EXCEED 200 FEET.

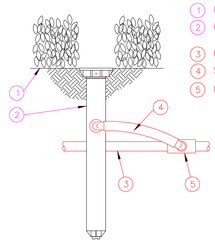
ESP - SMT SMART CONTROL SYSTEM

(OUTDOOR)



1. 30-INCH LINEAR LENGTH OF WIRE, COILED
2. WATERPROOF CONNECTION: RAINBIRD SPLICE-1 (1 OF 2)
3. ID TAG: RAIN BIRD VID SERIES
4. REMOTE CONTROL VALVE: RAIN BIRD PGA-PRS-D
5. VALVE BOX WITH COVER: RAIN BIRD VB-STD
6. FINISH GRADE/TOP OF MULCH
7. PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
8. BRICK (1 OF 4)
9. PVC MAINLINE PIPE
10. PVC SCH 40 TEE OR ELL
11. SCH 80 NIPPLE (2-INCH LENGTH, HIDDEN) AND SCH 40 ELL
12. PVC SCH 40 MALE ADAPTER
13. PVC LATERAL PIPE
14. 3.0-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL

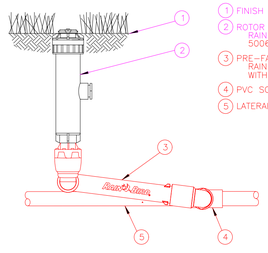
PGA-BI-PRSD VALVE



1. FINISH GRADE/TOP OF MULCH
2. POP-UP SPRAY SPRINKLER: RAIN BIRD 1812-SI-PRS WITH 1800 VPC WITH PLASTIC MPR NOZZLE
3. PVC LATERAL PIPE
4. SWING ASSEMBLY: RAIN BIRD MODEL SA 6050
5. PVC SCH 40 TEE OR ELL

NOTE:
SIDE INLET CONNECTION SHOULD NOT BE USED IN FREEZING CLIMATES.

1812 - PRS POP-UP SPRINKLER



1. FINISH GRADE
2. ROTOR POP-UP SPRINKLER: RAIN BIRD 5006-PL-FC/PC
3. PRE-FABRICATED SWING JOINT: RAIN BIRD TSJ-075-PRS WITH 45 PSI PRESSURE REGULATC
4. PVC SCH 40 TEE OR ELL
5. LATERAL PIPE

5006 ROTOR POP-UP SPRINKLER

scale: NOT TO SCALE

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Irrigation Details

drawn: Terry Ibert
date: 6/10/13
scale: NO SCALE

revision: