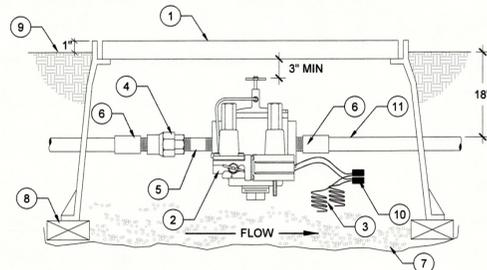


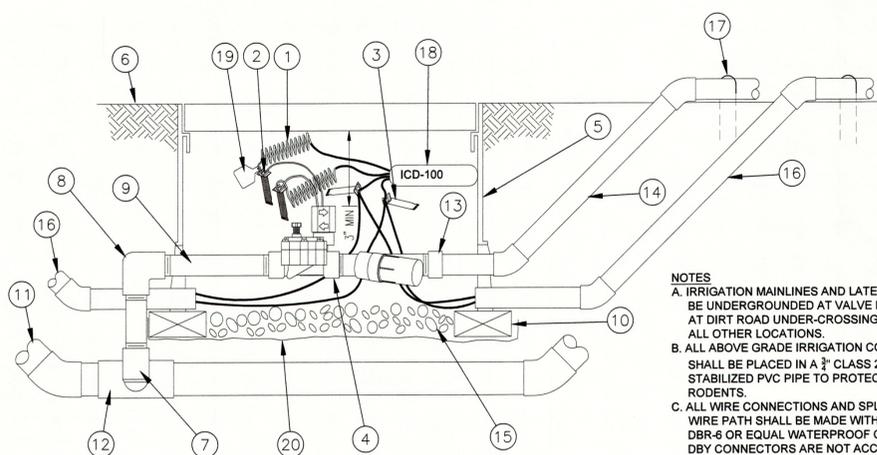
- CARSON MODEL 1324-15 VALVE BOX WITH MODEL 1324-3B COVER (OR APPROVED EQUAL) ADD BOX EXTENSION AS REQUIRED
- GRISWOLD MASTER CONTROL VALVE (OR APPROVED EQUAL) (NORMALLY OPEN)
- 18" WIRE, COILED
- SCH 80 PVC UNION
- SCH 80 PVC NIPPLE
- PVC THREADED MALE ADAPTER
- 6" DEPTH OF CLEAN 3/4" GRAVEL WITH GOPHER WIRE BELOW, WRAP EDGES
- BRICK (1 OF 4)
- FINISH GRADE
- WATERPROOF CONNECTION (1 OF 2)
- PVC MAIN LINE, UV STABILIZED

NOTES:
 A. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS
 B. BRING PIPES TO FINISH GRADE AS SHOWN IN DETAIL 2, THIS SHEET.



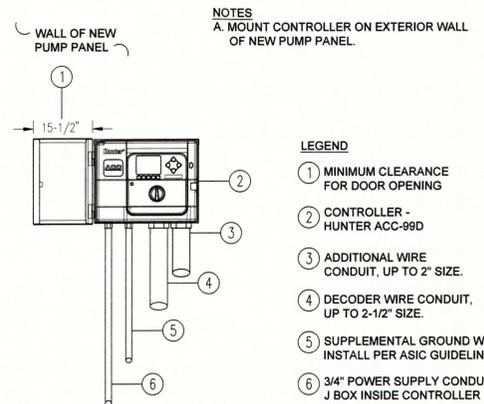
1 MASTER CONTROL VALVE
N.T.S.

- LEGEND:**
- 30" LINEAR LENGTH OF WIRE, COILED
 - DBY-6 CONNECTOR (1 OF 2), OR APPROVED EQUAL
 - DBR-6 CONNECTOR (1 OF 2), OR APPROVED EQUAL
 - CONTROL ZONE KIT: RAINBIRD XCZ-100-PRF, OR APPROVED EQUAL
 - CARSON MODEL 1324-15 VALVE BOX WITH MODEL 1324-3B COVER, OR APPROVED EQUAL
 - FINISH GRADE
 - SCH 80 NIPPLE (2" LENGTH, HIDDEN) AND SCH 40 ELL
 - PVC SCH 40 ELL
 - PVC SCH 80 NIPPLE, LENGTH AS REQUIRED (1 OF 2)
 - BRICK (1 OF 4)
 - PVC MAINLINE PIPE - UV STABILIZED
 - PVC SCH 40 TEE OR ELL
 - PVC SCH 40 FEMALE ADAPTER
 - PVC LATERAL PIPE - UV STABILIZED
 - 4.0" MINIMUM DEPTH OF CLEAN 3/4" GRAVEL
 - PVC CLASS 200 ID WIRE SLEEVE - UV STABILIZED
 - PVC PIPE STAKE, TYP. STAKE PIPES 10' O.C.
 - HUNTER ICD-100, OR APPROVED EQUAL
 - ID TAG
 - GOPHER WIRE AT BASE OF GRAVEL, WRAP EDGES



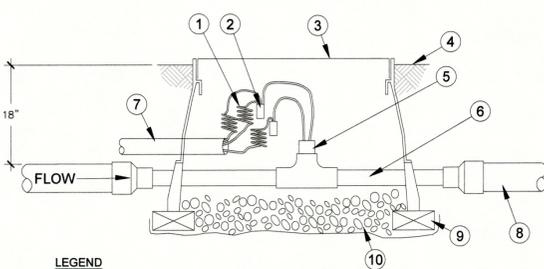
NOTES:
 A. IRRIGATION MAINLINES AND LATERAL LINES SHALL BE UNDERGROUNDED AT VALVE LOCATIONS AND AT DIRT ROAD UNDER-CROSSINGS BUT ON GRADE ALL OTHER LOCATIONS.
 B. ALL ABOVE GRADE IRRIGATION CONTROL WIRES SHALL BE PLACED IN A 1/2" CLASS 200 UV STABILIZED PVC PIPE TO PROTECT THEM FROM RODENTS.
 C. ALL WIRE CONNECTIONS AND SPLICES IN THE ID WIRE PATH SHALL BE MADE WITH 3M COMPANY DBR-6 OR EQUAL WATERPROOF CONNECTORS. DBY CONNECTORS ARE NOT ACCEPTABLE.

2 REMOTE CONTROL VALVE
N.T.S.



- LEGEND:**
- MINIMUM CLEARANCE FOR DOOR OPENING
 - CONTROLLER - HUNTER ACC-99D
 - ADDITIONAL WIRE CONDUIT, UP TO 2" SIZE.
 - DECODER WIRE CONDUIT, UP TO 2-1/2" SIZE.
 - SUPPLEMENTAL GROUND WIRE INSTALL PER ASIC GUIDELINES
 - 3/4" POWER SUPPLY CONDUIT J BOX INSIDE CONTROLLER CONNECT PER LOCAL CODE

3 AUTOMATIC CONTROLLER
N.T.S.



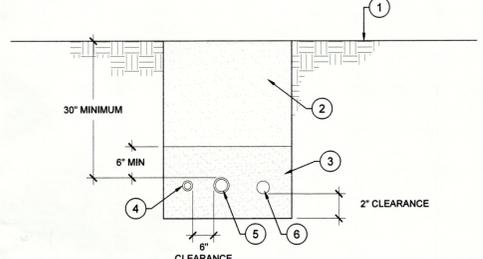
- LEGEND:**
- 18-INCH WIRE, COILED
 - WATER PROOF CONNECTION (1 OF 2)
 - VALVE BOX WITH COVER, 12" SIZE W/ BOLT DOWN COVER, LABEL TOP.
 - FINISH GRADE
 - FLOW SENSOR
 - PVC MAIN LINE
 - PVC CONDUIT FOR CONTROLLER WIRES
 - PVC MAIN LINE, UV STABILIZED
 - BRICK (1 OF 4)
 - 4 INCH 3/4 WASHED GRAVEL WITH GOPHER WIRE BELOW, WRAP EDGES

NOTES:
 A. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 B. BRING PIPES TO FINISH GRADE AS SHOWN IN DETAIL 2, THIS SHEET.
 C. SET BOX 1" ABOVE FINISH GRADE.

4 FLOW SENSOR
N.T.S.

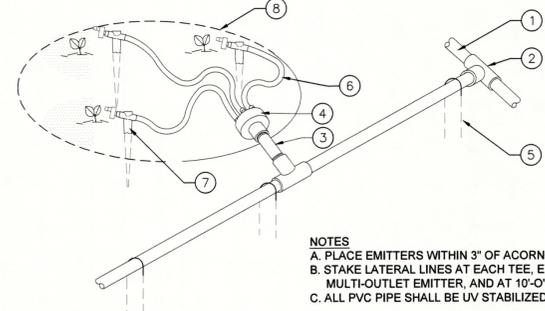
- LEGEND:**
- EARTHEN ACCESS ROAD
 - NATIVE SOIL BACKFILL
 - CLEAN SAND
 - UV STABILIZED LATERAL LINE (NON-PRESSURE) W/SLEEVE
 - UV STABILIZED MAIN LINE (PRESSURE) W/SLEEVE
 - LOW VOLTAGE CONTROL WIRES, UV STABILIZED SLEEVE, SIZE AS REQUIRED

NOTES:
 A. PVC IRRIGATION SLEEVES TO BE SCH 40
 B. JOINTS TO BE SOLVENT WELDED AND WATERTIGHT
 C. SLEEVES TO BE SIZED TWICE DIAMETER OF PIPE
 D. SLEEVES TO EXTEND MIN. 30" BEYOND TRAVELED WAY
 E. BRING PIPES TO FINISH GRADE AS SHOWN IN DETAIL 2, THIS SHEET.
 F. SLEEVES NEED NOT BE UV STABILIZED



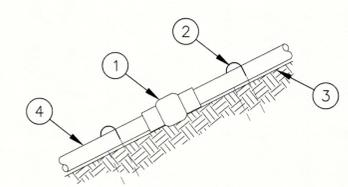
5 PIPE SLEEVING
N.T.S.

- LEGEND:**
- 3/4" SCH 40 PVC LATERAL LINE, TYP.
 - SCH 80 PVC TEE FITTING, TYP.
 - SCH 80 PVC THREADED NIPPLE, LENGTH AS NEEDED
 - MULTI-OUTLET EMITTER
 - PVC PIPE STAKE, TYP.
 - 1/2" DISTRIBUTION TUBING, 48" MAX. LENGTH
 - 1/2" TUBE STAKE WITH EMITTER OR CAP
 - THREE ACORN GROUP



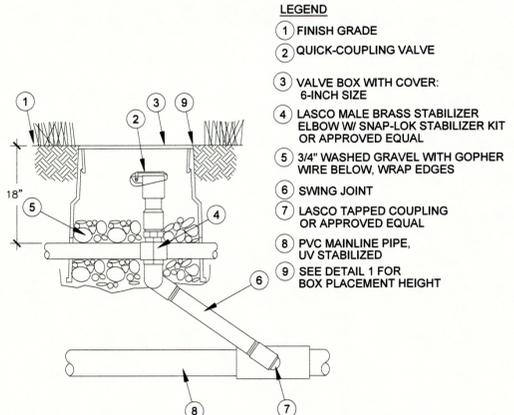
NOTES:
 A. PLACE EMITTERS WITHIN 3" OF ACORN.
 B. STAKE LATERAL LINES AT EACH TEE, ELL, MULTI-OUTLET EMITTER, AND AT 10'-0" MAX O.C.
 C. ALL PVC PIPE SHALL BE UV STABILIZED.

6 DRIP EMITTER LAYOUT
N.T.S.



- LEGEND:**
- SCH 40 PVC SPRING CHECK VALVE
 - PVC PIPE STAKE, EACH SIDE OF VALVE, TYP.
 - FINISH GRADE
 - UV STABILIZED LATERAL LINE PIPE

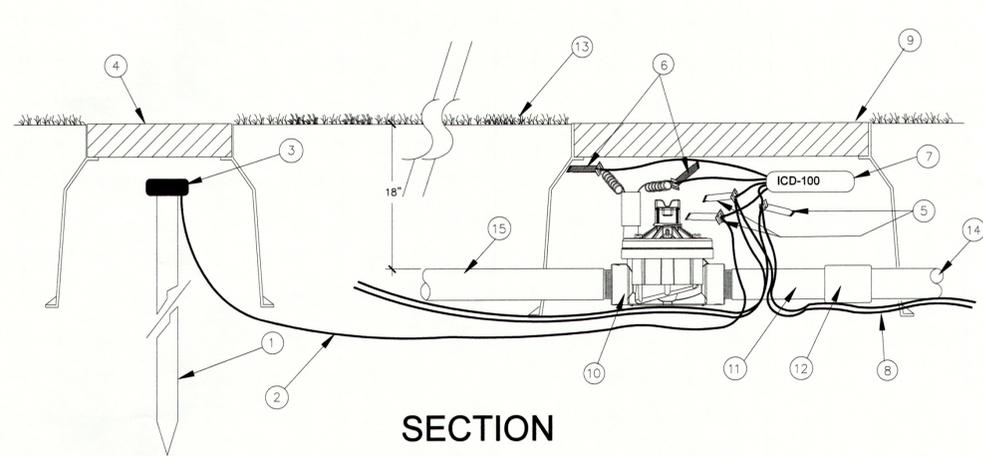
7 SPRING CHECK VALVE
N.T.S.



- LEGEND:**
- FINISH GRADE
 - QUICK-COUPLING VALVE
 - VALVE BOX WITH COVER, 6-INCH SIZE
 - LASCO MALE BRASS STABILIZER ELBOW W/ SNAP-LOK STABILIZER KIT OR APPROVED EQUAL
 - 3/4" WASHED GRAVEL WITH GOPHER WIRE BELOW, WRAP EDGES
 - SWING JOINT
 - LASCO TAPPED COUPLING OR APPROVED EQUAL
 - PVC MAINLINE PIPE, UV STABILIZED
 - SEE DETAIL 1 FOR BOX PLACEMENT HEIGHT

NOTE:
 A. BRING PIPES TO FINISH GRADE AS SHOWN IN DETAIL 2, THIS SHEET.

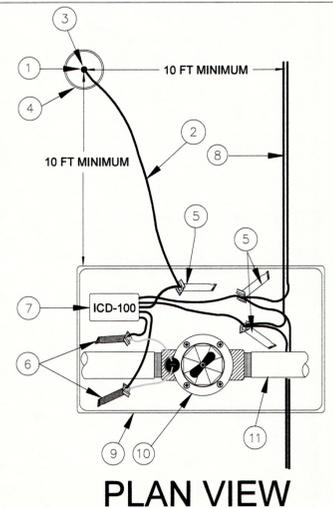
8 QUICK COUPLING VALVE
N.T.S.



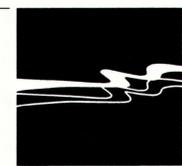
- LEGEND:**
- 8" X 5/8" UL COPPER CLAD GROUND ROD
 - 10' #6 SOLID COPPER GROUND WIRE - PLACE IN PVC CONDUIT BETWEEN BOXES SIMILAR TO DETAIL 2, THIS SHEET
 - CAD WELD CONNECTOR
 - 10" ROUND PLASTIC VALVE BOX
 - DBR-6 CONNECTOR
 - DBY-6 CONNECTOR
 - HUNTER ICD-100
 - IDWIRE1, 2 WIRE PATH - PLACE IN PVC CONDUIT BETWEEN BOXES, SEE DETAIL 2, THIS SHEET
 - PLASTIC VALVE BOX WITH COVER
 - ICV, SIZE PER PLAN
 - SCH 80 PVC NIPPLE
 - SCH 40 PVC COUPLING
 - FINISH GRADE
 - UV STABILIZED MAIN LINE
 - UV STABILIZED LATERAL LINE

NOTES:
 A. ALL T-SPLICES IN THE WIRE PATH SHALL BE MADE IN VALVE BOXES WITH DBR-6 OR EQUAL CONNECTORS.
 B. LEAVE 5 FEET SLACK IN ALL WIRE SPLICES FOR SERVICE OR INSPECTION
 C. BRING PIPES TO FINISH GRADE AS SHOWN IN DETAIL 2, THIS SHEET.

9 DECODER WIRE GROUNDING
N.T.S.



PLAN VIEW



WALLACE GROUP

CIVIL ENGINEERING
 CONSTRUCTION MANAGEMENT
 LANDSCAPE ARCHITECTURE
 MECHANICAL ENGINEERING
 PLANNING
 PUBLIC WORKS ADMINISTRATION
 SURVEYING / GIS SOLUTIONS
 WATER RESOURCES
 WALLACE SWANSON INTERNATIONAL
 612 CLARION COURT
 SAN LUIS OBISPO, CA 93401
 T 805 544-4011 F 805 544-4294
 www.wallacegroup.us



SIGNATURE
 10/15/2012
 DATE SIGNED

These plans and specifications, and the ideas and designs incorporated herein, are the property of Wallace Group, a California Corporation. All rights reserved. Copies of this drawing shall have this notice.



Willow Road Off-Site Oak Mitigation
 Irrigation Details
 South Thompson Road, Dana Adobe Property

JOB #: 750-03
 DESIGNERS: EAS
 DRAWN BY: EAS
 DATE: 10/15/2012

DRAWING NO.
 L-3
 5 OF 9 SHEETS