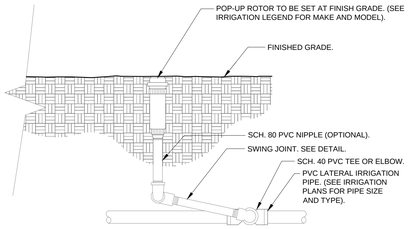
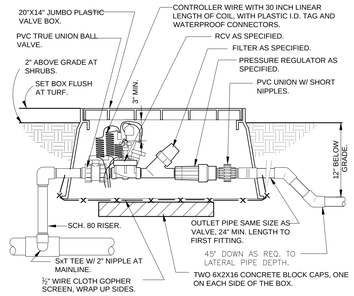


NOTES:
1- ALL THREADED CONNECTION POINTS BETWEEN SCH. 40 PVC AND SCH. 80 PVC FITTING SHALL BE INSTALLED USING TEFLON TAPE.

2- CONTRACTOR SHALL COMPACT SOIL AROUND ROTOR AND RISER PRIOR TO PLANTING, PLUGGING, SEEDING, OR LAYING OF SOD.

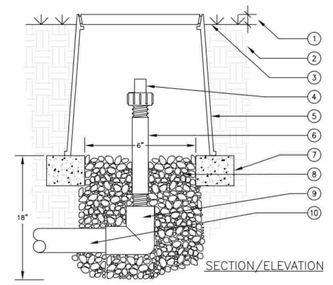
2 ROTOR SPRAYHEAD

1 1/2" = 1'-0" FX-IR-FX-HEAD-01



3 1" DRIP VALVE/FILTER/REGULATOR

1 1/2" = 1'-0" 328413.76-23

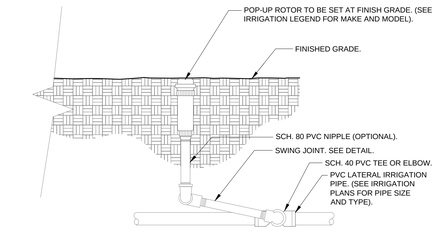


1. 1" ABOVE FINISH GRADE.
2. NATIVE SOIL PER SPECIFICATIONS.
3. FINISH GRADE.
4. TORO FLUSH VALVE (T-FCH-H-FIPT).
5. 6"ROUND PLASTIC VALVE BOX, HEAT BRAND "AR" ON LID IN 1" HIGH CHARACTERS.
6. 3/4"SCH 80 PVC NIPPLE (LENGTH AS REQUIRED).
7. BRICK SUPPORTS (2 COMMON BRICKS REQUIRED).
8. PEA GRAVEL SUMP (6" DEEP).
9. PVC ELBOW (SxT) WITH 3/4"" THREADED OUTLET.
10. PVC PIPING.

USE ONE FLUSH VALVE FOR EVERY 7 GPM PER ZONE. LOCATE AT LOW POINTS. FLUSH RATE IS 0.8 GPM, FLUSH PRESSURE IS 2 PSI.

4 AUTOMATIC FLUSH VALVE

N.T.S.

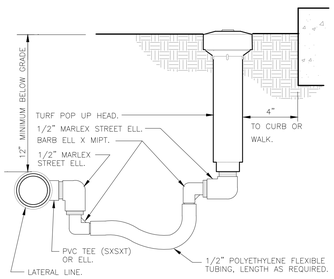


NOTES:
1- ALL THREADED CONNECTION POINTS BETWEEN SCH. 40 PVC AND SCH. 80 PVC FITTING SHALL BE INSTALLED USING TEFLON TAPE.

2- CONTRACTOR SHALL COMPACT SOIL AROUND ROTOR AND RISER PRIOR TO PLANTING, PLUGGING, SEEDING, OR LAYING OF SOD.

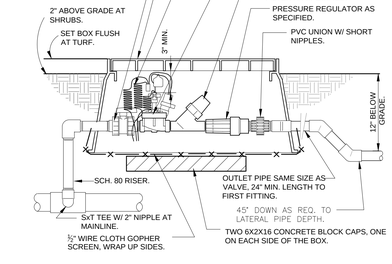
1 ROTOR SPRAYHEAD

1 1/2" = 1'-0" FX-IR-FX-HEAD-Ø1



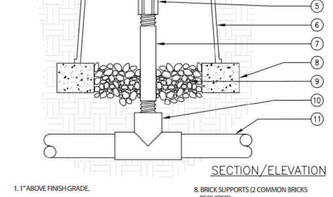
5 TURF SPRAY FLEX ASSEMBLY

3" = 1'-0" 328403.13-02



6 1" DRIP VALVE/FILTER/REGULATOR

1 1/2" = 1'-0" 328413.76-23

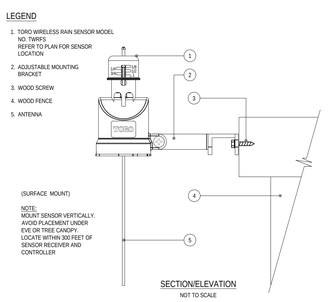


1. 1" ABOVE FINISH GRADE.
2. NATIVE SOIL PER SPECIFICATIONS.
3. FINISH GRADE.
4. TORO AIR/VACUUM RELIEF VALVE (T-YD-500-34).
5. 1/2"PVC COUPLING (TxT).
6. 6"ROUND PLASTIC VALVE BOX, HEAT BRAND "AR" ON LID IN 1" HIGH CHARACTERS.
7. 1/2"SCH 80 PVC NIPPLE (LENGTH AS REQUIRED).
8. BRICK SUPPORTS (2 COMMON BRICKS REQUIRED).
9. PEA GRAVEL SUMP (6" DEEP).
10. PVC TEE (5x5xT) WITH 1/2"THREADED OUTLET.
11. PVC PIPING.

USE ONE AIR/RELIEF VALVE FOR EVERY 7 GPM PER ZONE. LOCATE AT HIGH POINTS.

7 1/2" AIR/VACUUM RELIEF VALVE

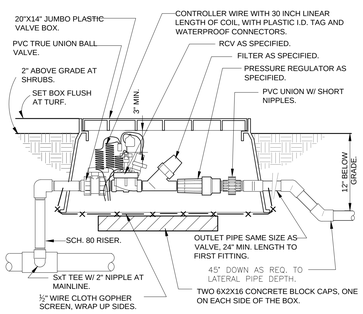
N.T.S.



NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.
3. CONTRACTORS NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/rto REFERENCE NUMBER 065-2559.

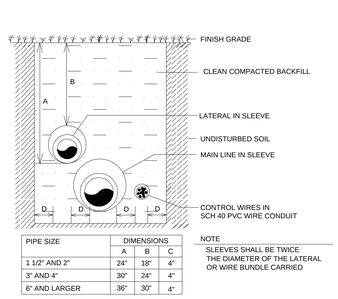
8 TORO - TWRS WIRELESS RAIN SENSOR

N.T.S. DETAIL-FILE



9 1" DRIP VALVE/FILTER/REGULATOR

1 1/2" = 1'-0" 328413.76-23



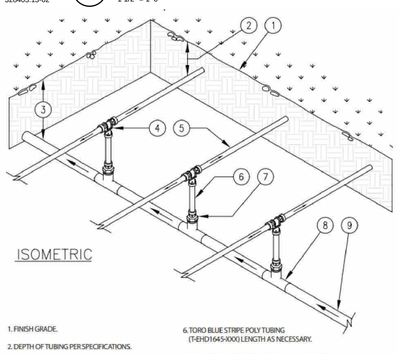
PIPE SIZE	DIMENSIONS		
	A	B	C
1 1/2" AND 2"	24"	18"	4"
3" AND 4"	30"	24"	4"
6" AND LARGER	36"	30"	4"

NOTE
SLEEVES SHALL BE TWICE THE DIAMETER OF THE LATERAL OR WIRE BUNDLE CARRIED

TRENCHING DETAIL (NTS)
VEHICHLAR TRAFFIC AREAS

10 TRENCHING DETAILS / VEHICULAR TRAFFIC AREAS

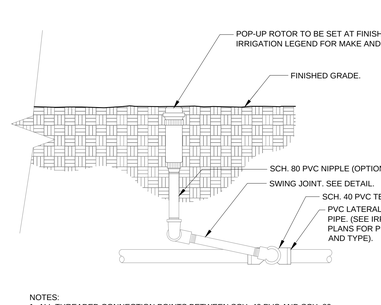
NTS 10



1. FINISH GRADE.
2. DEPTH OF TUBING PER SPECIFICATIONS.
3. DEPTH OF PVC SUPPLY MANIFOLD PER SPECIFICATIONS.
4. TORO LOC-EZE TEE (T-FTT16).
5. DRIPLINE LATERAL.
6. TORO BLUE STRIPE POLY TUBING (T-EHD1645-1000) LENGTH AS NECESSARY.
7. TORO LOC-EZE X 1/2" MITP ADAPTER (T-FAM16).
8. PVC TEE (5x5x5).
9. PVC SUPPLY MANIFOLD FROM DRIP ZONE KIT.

11 CENTER-FEED SUPPLY-MANIFOLD

N.T.S. DETAIL-FILE



NOTES:
1- ALL THREADED CONNECTION POINTS BETWEEN SCH. 40 PVC AND SCH. 80 PVC FITTING SHALL BE INSTALLED USING TEFLON TAPE.

2- CONTRACTOR SHALL COMPACT SOIL AROUND ROTOR AND RISER PRIOR TO PLANTING, PLUGGING, SEEDING, OR LAYING OF SOD.

12 ROTOR SPRAYHEAD

1 1/2" = 1'-0" FX-IR-FX-HEAD-01

FAO ARCHITECTURE
407 LINCOLN ROAD
SUITE 8-S
MIAMI BEACH, FLORIDA 33139
P 786.449.5630

PROJECT NO.
2305

CLIENT:
RONALDO FL2, LLC
1200 BISCAYNE BLVD.
MIAMI , FLORIDA 33181

REVISIONS:
⚠ VILLAGE OF PINECREST/ WASA/ DERM COMMENTS 07/25/2024
⚠ VILLAGE OF PINECREST/ WASA/ DERM COMMENTS 09/12/2024

CFS ENGINEERING GROUP, INC.
STRUCTURAL ENGINEER
185 NW 108TH STREET
MIAMI SHORES, FLORIDA 33168

ARPE ENGINEERING, LLC
MEP ENGINEERING
2020 PONCE DE LEON BLVD. SUITE 1002
CORAL GABLES, FLORIDA 33134

ALL LANDSCAPE DATA, INC
LANDSCAPE ARCHITECT
4459 NW 97THCOURT
DORAL, FLORIDA 33178

NEW LEAF ENVIRONMENTAL, LLC
ISA CERTIFIED ARBORIST
57 SILVER SPRINGS DRIVE
KEY LARGO, FLORIDA 33037

TERRA CIVIL ENGINEERING, LLC
CIVIL ENGINEERING
4011 WEST FLAGLER ST., SUITE 404
MIAMI, FLORIDA 33134

CASA ROBLES 131
6545 SW 131 STREET PINECREST, FLORIDA 33156

PROJECT DESCRIPTION:
SINGLE FAMILY RESIDENCE

FAO ARCHITECTURE LLC.
DRAWINGS, SPECIFICATIONS, AND OTHER DOCUMENTS, INCLUDING THOSE IN ELECTRONIC FORM, PREPARED BY FAO ARCHITECTURE LLC. AND THE CONSULTANTS ARE INSTRUMENTS OF SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT. THE ARCHITECT AND THE CONSULTANTS SHALL BE DEEMED THE AUTHORS AND OWNERS OF THEIR RESPECTIVE INSTRUMENTS OF SERVICE AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS.

SEAL:

FELIPE ALVARADO AR 91841

PHASE:
CONSTRUCTION DOCUMENTS

ISSUE DATE:
SEPTEMBER 12, 2024

SHEET TITLE:
IRRIGATION DETAILS

SHEET:
IR-02

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DERICK LANGEL
Landscape Architect LA666705
www.alllandscapedata.net & .com
4459 NW 97 CT / Doral, FL 33178
Ph: 305.303.7059

Digitally signed by Derick Langel
Date: 2024.09.24 14:25:27-04'00'