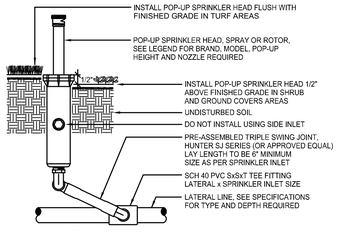
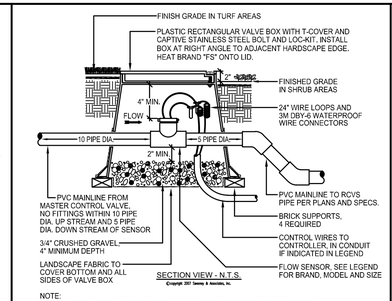


NOTE:
INSTALL SPRINKLER HEADS 6" FROM PAVING EDGE IN SHRUB AND GROUND COVER AREAS.
INSTALL SPRINKLER HEADS 12" FROM THE FACE OF BUILDING WALLS OR WINDOWS.
INSTALL SPRINKLER HEADS 4" FROM PAVING EDGE IN TURF AREAS.

INSTALL SPRINKLER HEADS PLUMB. ADJUST SPRAYS OR NOZZLE STREAM TO COVER LANDSCAPE AREA WITHOUT OVERSPRAY ONTO PAVING, FENCES, WALLS OR BUILDINGS.

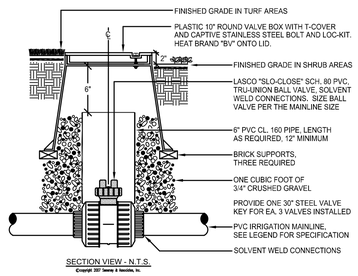
Ⓐ POP-UP SPRINKLER



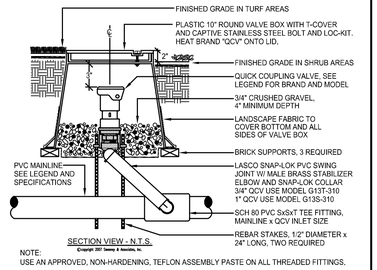
NOTE:
USE STANDARD OPENINGS PROVIDED IN VALVE BOX FOR PIPE, DO NOT CUT BOX.

USE SCH 80 PVC 45 DEGREE ELLS TO ACHIEVE MAINLINE DEPTH AS REQUIRED.

Ⓒ FLOW SENSOR

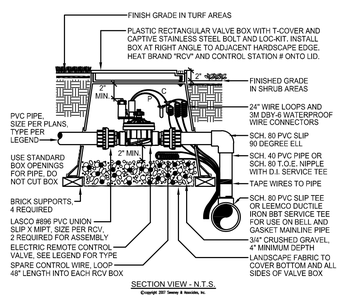


Ⓓ BALL VALVE

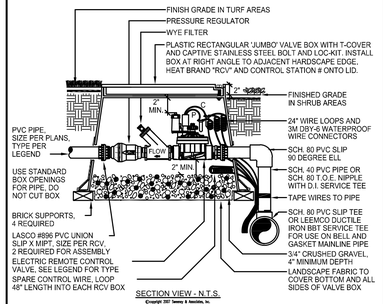


NOTE:
USE AN APPROVED, NON-HARDENING, TEFLON ASSEMBLY PASTE ON ALL THREADED FITTINGS.

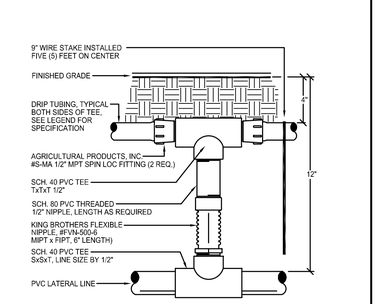
Ⓔ QUICK COUPLER VALVE



Ⓕ REMOTE CONTROL VALVE

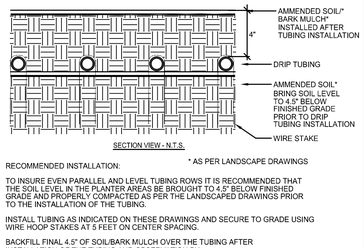


Ⓖ DRIP RCV ASSEMBLY



Ⓘ GROUND ROD INSTALLTION

Ⓙ DRIPLINE TUBING



* AS PER LANDSCAPE DRAWINGS

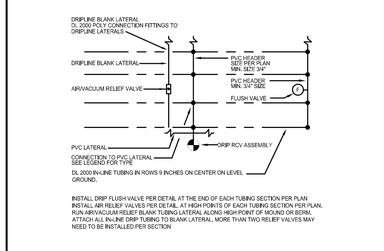
RECOMMENDED INSTALLATION:

TO INSURE EVEN PARALLEL AND LEVEL TUBING ROWS IT IS RECOMMENDED THAT THE SOIL LEVEL IN THE PLANTER AREAS BE BROUGHT TO 4.5" BELOW FINISHED GRADE AND PROPERLY COMPACTED AS PER THE LANDSCAPED DRAWINGS PRIOR TO THE INSTALLATION OF THE TUBING.

INSTALL TUBING AS INDICATED ON THESE DRAWINGS AND SECURE TO GRADE USING WIRE HOOP STAKES AT 5 FEET ON CENTER SPACING.

BACKFILL FINAL 4.5" OF SOIL/BARK MULCH OVER THE TUBING AFTER INSTALLATION OF THE TUBING AND OBSERVATION BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

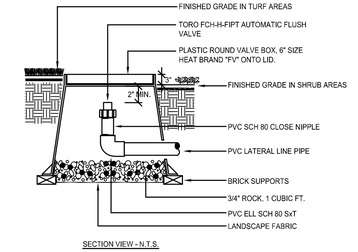
Ⓚ DRIPLINE CONNECTION(SECTION)



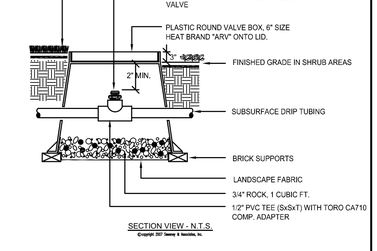
DL 2000 IN-LINE TUBING IN ROWS 9 INCHES ON CENTER ON LEVEL GROUND.

INSTALL DRIP FLUSH VALVE PER DETAIL AT THE END OF EACH TUBING SECTION PER PLAN
INSTALL AIR RELIEF VALVES PER DETAIL, AT HIGH POINTS OF EACH TUBING SECTION PER PLAN.
RUN ARIVACUUM RELIEF BLANK TUBING LATERAL ALONG HIGH POINT OF MOUND OR BERM.
ATTACH ALL IN-LINE DRIP TUBING TO BLANK LATERAL. MORE THAN TWO RELIEF VALVES MAY NEED TO BE INSTALLED PER SECTION

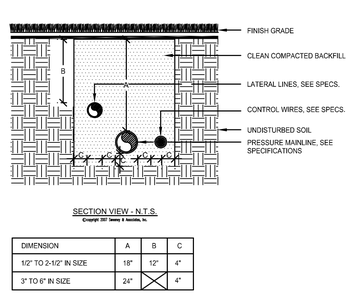
Ⓛ DRIPLINE CONNECTION(PLAN)



Ⓜ DRIP FLUSH VALVE

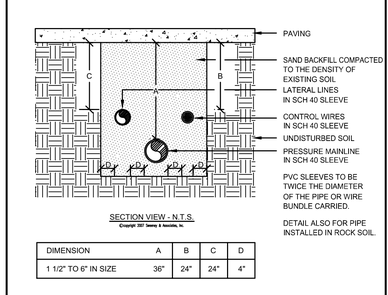


Ⓝ DRIP AIR RELIEF VALVE



DIMENSION	A	B	C
1/2" TO 2-1/2" IN SIZE	18"	12"	4"
3" TO 6" IN SIZE	24"		4"

Ⓞ PIPE INSTALLATION

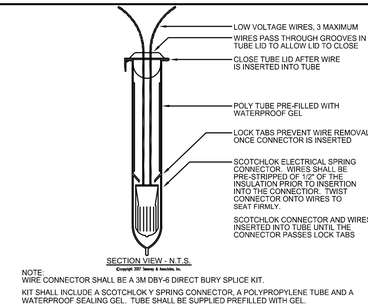


PVC SLEEVES TO BE TWICE THE DIAMETER OF THE PIPE OR WIRE BUNDLE CARRIED.

DETAIL ALSO FOR PIPE INSTALLED IN ROCK SOIL.

DIMENSION	A	B	C	D
1 1/2" TO 6" IN SIZE	36"	24"	24"	4"

Ⓟ SLEEVE INSTALLATION

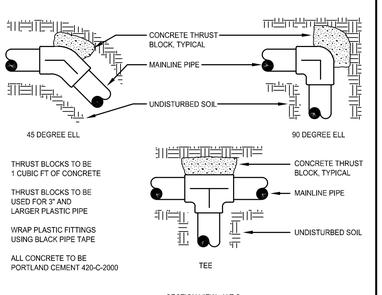


NOTE:
WIRE CONNECTOR SHALL BE A 3M DBY-6 DIRECT BURY SPLICE KIT.

KIT SHALL INCLUDE A SCOTCHLOK Y SPRING CONNECTOR, A POLYPROPYLENE TUBE AND A WATERPROOF SEALING GEL. TUBE SHALL BE SUPPLIED PREFILLED WITH GEL.

DIRECT BURY SPLICE KIT SHALL BE USED TO ELECTRICALLY CONNECT 2 - 3 #14 OR 2 #12 PRE-STRIPPED COPPER WIRES. LARGER WIRES OR GREATER QUANTITIES OF WIRES SHALL REQUIRE A LARGER APPROVED WIRE CONNECTION.

Ⓠ WIRE CONNECTION



Ⓡ THRUST BLOCKING

THOMAS ENGINEERING GROUP
CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS
125 W. INDIANTOWN RD. SUITE 206 JUPITER, FL 33458 P: 561-203-7503
4950 W. KENNEDY BLVD. SUITE 600 TAMPA, FL 33609 P: 813-379-4100

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REVISIONS:

REV:	DATE:	COMMENT:	BY:
1	01/26/2023	DRC COMMENTS	MDG

Sunshine 811
Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.
Check positive response codes before you dig!

PROJECT No.: F220017
DRAWN BY: LD
CHECKED BY: MDG
DATE: 03/09/2022
CAD I.D.: F220017 IRRIGATION

PROJECT:

ENTOURAGE IN THE SUN

407 RIVERSIDE DRIVE

FOR

IDEA ARCHITECT

POMPANO BEACH FLORIDA

THOMAS ENGINEERING GROUP
6300 NW 31ST AVENUE
FORT LAUDERDALE, FL 33309
PH: (954) 202-7000
FX: (954) 202-7070
www.ThomasEngineeringGroup.com

REGISTERED LANDSCAPE ARCHITECT MICHAEL D. GROSSWIRTH LA 6666871 STATE OF FLORIDA

SHEET TITLE:

IRRIGATION DETAILS

SHEET NUMBER:

L-3.2

Michael D Grosswirth

Digitally signed by Michael D Grosswirth
DN: c=US, o=THOMAS ENGINEERING GROUP LLC, ou=A01410C0000010720E31831F0000EFAC, cn=Michael D Grosswirth
Date: 2023.01.31 12:31:13 -05'00'

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