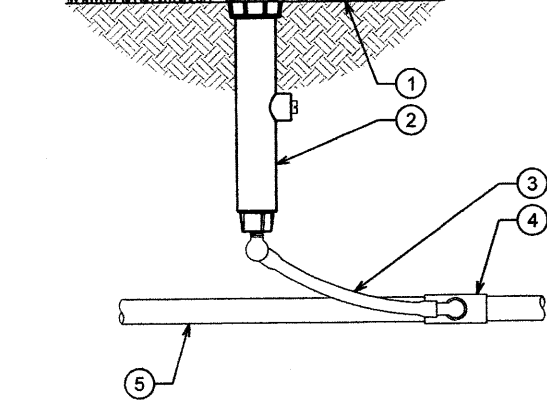


K MANUFACTURING

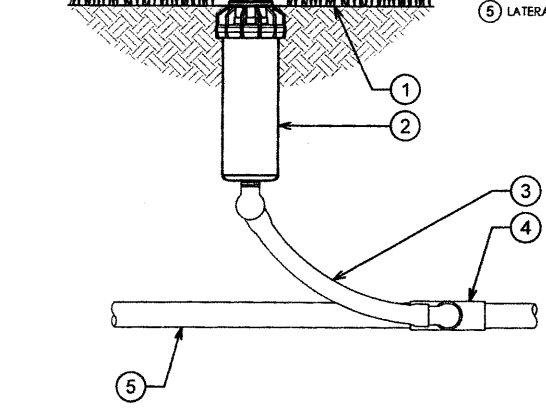
1. FINISH GRADE
2. K-RAIN PRO-5 SPRAY NOZZLE, 1/2" HOLES, 1/2" POP-UP SPRAY
3. 1/2" FLEX SWING JOINT
4. LATERAL TEE OR BELL
5. LATERAL PIPE



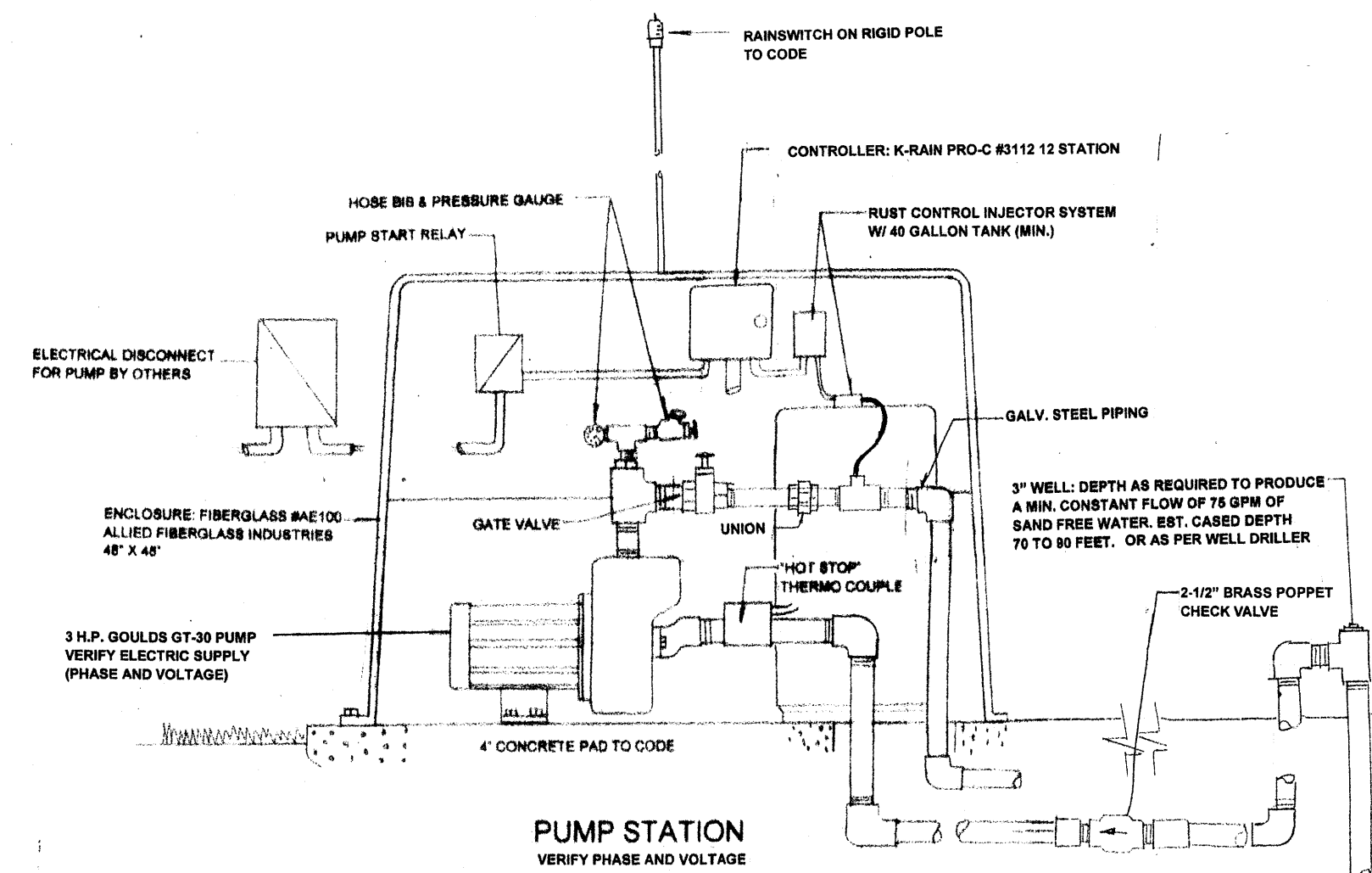
K-RAIN PRO-5 SPRAY WITH 1/2" POP-UP

K MANUFACTURING

1. FINISH GRADE
2. K-RAIN RPS75I ROTOR NOZZLE, 1/2" HOLES, 1/2" POP-UP SPRAY
3. 1/2" FLEX SWING JOINT
4. LATERAL TEE OR BELL
5. LATERAL PIPE



K-RAIN RPS75I ROTOR WITH 1/2" POP-UP

PUMP STATION
VERIFY PHASE AND VOLTAGE

K MANUFACTURING

1. FINISH GRADE
2. STANDARD VALVE BOX - 10"
3. 1/2" FLEX SWING JOINT
4. K-RAIN PROSERIES 150: 1-1/2" REMOTE CONTROL VALVE
5. 1/2" FLEX SWING JOINT
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100. 1/2" FLEX SWING JOINT

K-RAIN PROSERIES 150: 1-1/2" REMOTE CONTROL VALVE

SPRINKLER HEAD LEGEND			
SYM.	TYPE	MODEL	QTY.
POP UP ROTORS	K-RAIN #RPS-75I-3.0		7
6" POP UP SPRAYS	K-RAIN #PRO-S-06-NOZZLE BELOW		159
		-FN-15'H	
		-KVF-12'	
		-FN-12'H	
		-FN-12'Q	
		-FN-10'H	
		-KVF-10'	
		-FN-10'Q	
		-FN-15'SS	
		-FN-15'ES	
FLOOD BUBBLERS	K-RAIN #TB-10		24
	#TB-05		53

NOTES:
USE SCREENS IN ALL HEADS.
RAINBIRD 5004 OR HUNTER PGP ROTORS AND RAINBIRD 1806 OR HUNTER PROS-06 SERIES AND FLOOD BUBBLER EQUALS MAY BE SUBSTITUTED. DO NOT MIX PRODUCT WITHIN A CATEGORY.

SYMBOLS - LEGENDS

- MAINLINE: 2-1/2" CLASS 160 PVC W/ LOW VOLTAGE WIRING PER SPECS.
SLEEVES: SCH. 80 PVC (MIN. 30" DEEP UNDER DRIVEWAYS)
PUMP STATION: 3 H.P. W/ ENCLOSURE, PAD AND CONTROLS PER DETAIL
CONTROLLER: K-RAIN 12' STATION PER PUMP STATION DETAIL
RAINSWITCH: K-RAIN 3208-HRS PER PUMP STATION DETAIL
ZONE VALVES: K-RAIN 1-1/2" #7115 PER DETAIL

STATION #
G.P.M. OF ZONE

NOTES:

PIPING:
MAINLINE: CLASS 160 X 18" DEEP
SLEEVES: SCH. 80 PVC (MIN. 30" DEEP UNDER PAVEMENT)

FITTINGS:

SCH. 40 PVC. FABRICATE FITTINGS OR JOINTS AS FOLLOWS:
CLEAN, SQUARE CUT AND FULLY ENGAGE. USE PVC CLEANER
AND MEDIUM BODY GREY CEMENT FOR ALL CONNECTIONS

CONTROL WIRING:

14 AWG IRRIGATION WIRE RUN WITH MAIN OR CONDUIT WHERE REQUIRED
FOR PROTECTION. COIL 3 FT. OF WIRE AT ALL CONNECTIONS. USE DBY
WATER PROOF CONNECTORS AT ALL SPLICES. RUN 2 WIRES TO ENDS OF MAIN.

BACKFILL ALL TRENCHES FREE OF DEBRIS OR ROCKS. COMPACT
TRENCHES TO ORIGINAL DENSITY. FLUSH ALL LINES. USE PROPER
SCREENS IN ALL HEADS. SET HEADS FLUSH TO GRADE AND STRAIGHT
KEEP HEADS A MIN. 12" OFF WALLS OR PAVED AREAS. ADJUST SYSTEM
FOR COMPLETE COVERAGE AVOIDING WATER ON WALLS AND PAVEMENT.
CONTRACTOR MAY MAKE MINOR ADJUSTMENTS TO SUIT ACTUAL FIELD
CONDITIONS. ROUTE PIPING AS REQUIRED TO AVOID TREE ROOTS AND
OTHER STRUCTURES

PRESSURE TEST MAIN AT FULL CITY PRESSURE FOR 2 HOURS. OBSERVE
ANY LEAKAGE AT METER AND REPAIR AS REQUIRED.

CONTRACTOR TO VERIFY ALL UNDERGROUND UTILITIES AS REQUIRED
BY FLORIDA LAW.

PROVIDE OWNER WITH AN "AS INSTALLED PLAN" SHOWING THE LOCATION
OF VALVES AND SLEEVES.

INSTALLATION SHALL COMPLY TO THE FLORIDA BUILDING CODE APPENDIX "F",
LATEST BROWARD COUNTY EDITION AND ALL CODES AND REGULATIONS OF
THE CITY OF POMPANO BEACH.

NW 24TH AVENUE

DR. MARTIN LUTHER KING JR. BOULEVARD

NW 24TH AVENUE

NW 24TH AVENUE

INSTALL BUBBLERS TO ALL TREES



SCALE: 1" = 20'

IRRIGATION PLAN

Thompson Engineering
& Consulting, Inc.18304 NW 12th Street
Pembroke Pines, FL 33029
Florida Registry No. 36359
thompson-ec.com
(954) 232-2261

Control Precipitation Design, Inc.

Irrigation Consultants

P.O. Box 2268
Boca Raton, FL 33427
Tel: (561) 391-3936
e-mail: ridsn@bellsouth.net

Date:

This item has been digitally
signed and sealed by Justin
Thompson, PE, on the date
adjacent to the seal.

Printed copies of this document
are not considered signed and
sealed and the signature must be
verified on any electronic copies.

DEMISOL
HOLDINGS, LLC1550 NW 24TH AVENUE
POMPANO BEACH, FL 33315
CITY OF POMPANO BEACH

Project No. 25-015

Date 09/29/2025

Scale 1" = 20'-0"

Drawn By R.H.

Checked By R.H.

Revisions

No.	Description	Date

IRRIGATION
PLAN

DRC

PZ25-12000031
11/05/2025

IR-1