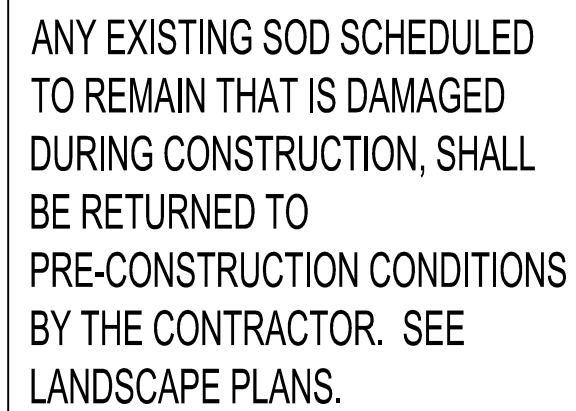
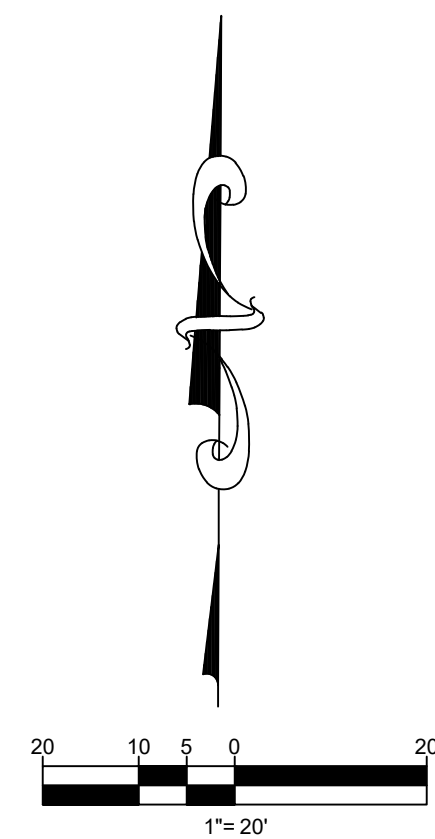


[illegible]

THESE IRRIGATION PLANS ARE A MODIFICATION OF AN EXISTING SYSTEM ORIGINALLY DESIGNED BY MARK L. SALTZ, ARCHITECTS, AND APPROVED BY THE CITY OF SUNRISE 2/11/1987, PERMIT NUMBERS 27-0031 AND 9-0006. EXISTING EQUIPMENT, LATERALS, MAIN LINES, SLEEVED CROSSING AND HEADS SHALL BE USED WHEREVER POSSIBLE, INCLUDING THOSE EXISTING IN THE RIGHT-OF-WAY. CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING, TO ENSURE THE SYSTEM IS IN GOOD WORKING ORDER AND SHALL ADVISE THE OWNER AND LANDSCAPE ARCHITECT IMMEDIATELY IF ANY EXISTING EQUIPMENT IS MISSING, DAMAGED, OR OTHERWISE NON-FUNCTIONAL.



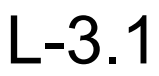
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Irritrol 214B and OMR-100 1-1/2" Electric Remote Control Valve, globe/angle configuration, with Omni-Reg 5-100 psi regulator	4
	Irritrol 214B and OMR-100 2" Electric Remote Control Valve, globe/angle configuration, with Omni-Reg 5-100 psi regulator	3
	Fibco 825Y 2" Reduced Pressure Backflow Preventer	1
	Rain Bird ESP4ME3 with (1) ESP-SM3 7 Station, Hybrid Modular Outdoor Controller. For Residential or Light Commercial Use. LNK WiFi Module and Flow Sensor Ready.	1
	Rain Bird RSD-BEX Rain Sensor, with metal latching bracket, extension wire.	1
	Water Meter 1-1/2" Existing 1 1/2" Irrigation Water Meter from existing 8" water main	1
	Water Meter 1-1/2" Existing 1 1/2" Irrigation Water Meter from existing 8" water main	1
	Irrigation Lateral Line: PVC Class 160 SDR 26 1/2"	1,412 lf
	Irrigation Lateral Line: PVC Class 160 SDR 26 3/4"	76.4 lf
	Irrigation Lateral Line: PVC Class 160 SDR 26 1"	94.2 lf
	Irrigation Lateral Line: PVC Class 160 SDR 26 1 1/4"	110.8 lf
	Irrigation Lateral Line: PVC Class 160 SDR 26 2"	117.6 lf
	Irrigation Mainline: PVC Class 200 SDR 21	311.4 lf
	Irrigation Mainline: PVC Class 200 SDR 21 1 1/2"	134.7 lf
	Irrigation Mainline: PVC Class 200 SDR 21 1"	301.3 lf
	Irrigation Mainline: PVC Class 200 SDR 21 1 1/4"	272.7 lf
	Irrigation Mainline: PVC Class 200 SDR 21 1 1/2"	5.1 lf
	Pipe Sleeve: PVC Schedule 80 Typical pipe sleeve for irrigation pipe. Pipe sleeve size shall allow for irrigation piping and their related couplings to easily slide through sleeving material. Extend sleeves 18 inches beyond edges of paving or construction.	118.3 lf

NUMBER	MODEL	TYPE	PRECIP	IN./WEEK	MIN./WEEK	GAL./WEEK	GAL./DAY
1	Irritrol 214B AND OMR-100	Turf Spray	1.03 in/h	1	59	2,114	
2	Irritrol 214B AND OMR-100	Bubbler	1.99 in/h	1	61	1,115	
3	Irritrol 214B AND OMR-100		0.85 in/h	1		426	
A EXISTING	Irritrol 214B AND OMR-100		Unknown	1			
B EXISTING	Irritrol 214B AND OMR-100		Unknown	1			
C EXISTING	Irritrol 214B AND OMR-100		Unknown	1			
D EXISTING	Irritrol 214B AND OMR-100		Unknown	1			
		TOTAL S:			191	3,655	

NOTE E:
BUBBLERS AND LATERAL LINES ARE SHOWN WITHIN PAVING FOR CLARITY ONLY, ACTUAL LOCATION TO BE WITHIN PLANTER. BUBBLERS SHALL BE ALIGNED WITH TREES AND AS DIRECTED BY OWNER'S AUTHORIZED REPRESENTATIVE. CONFIRM ALL LAYOUT IN FIELD WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO STARTING WORK.

[illegible]

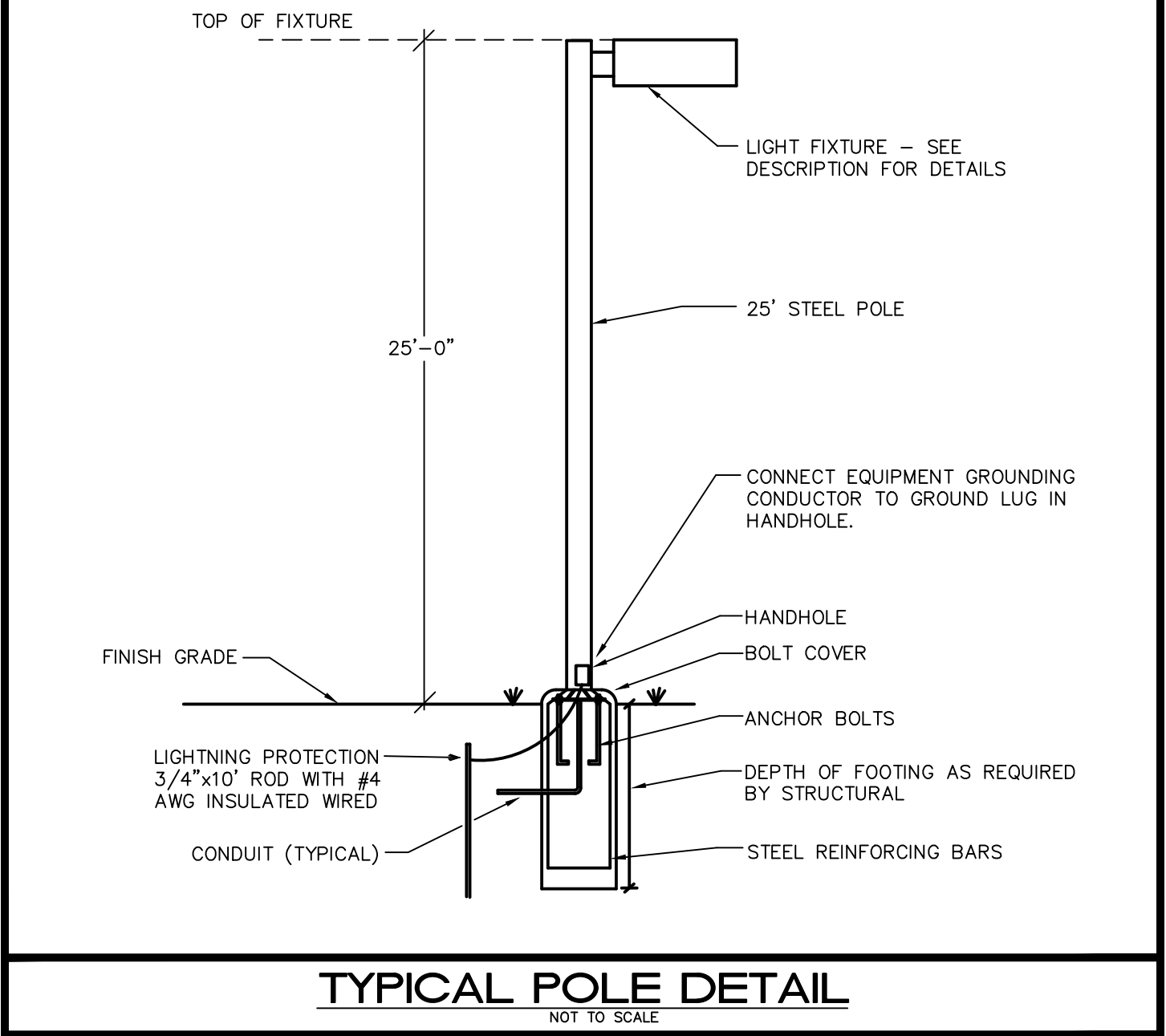
LEAVE BLANK - FOR CITY USE ONLY





PROPERTY LINES/ ROW							
SOUTH ROW	Illuminance	Fc	0.37	0.5	0.1	3.70	5.00
WEST ROW	Illuminance	Fc	1.27	5.3	0.1	12.70	53.00
EAST PROPERTY LINE ROW	Illuminance	Fc	1.21	3.0	0.1	12.10	30.00
NON-RESIDENTIAL NORTH PROPERTY LINE	Illuminance	Fc	2.99	8.4	0.2	14.95	42.00

NOTE:
THE POLE SUPPLIER SHALL CERTIFY THAT
POLE WITH FIXTURE AS SPECIFIED WILL MEET
THE WIND LOAD CRITERIA OF THE 2023
FLORIDA BUILDING CODE, SECTION 1620.
PROVIDE SIGNED & SEALED CALCULATIONS BY
A REGISTERED FLORIDA ENGINEER

[illegible]

LEAVE BLANK - FOR CITY USE ONLY

LIGHTING SHALL BE DESIGNED AND INSTALLED TO MEET SECTION 16-150 OF THE CITY OF SUNRISE LAND DEVELOPEMENT CODE.

THIS ITEM HAS BEEN DIGITALLY SIGNED
AND SEALED BY ROBERT KAMM OR
MICHAEL FREIRE 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 COPY



1407 West Newport Center Drive
Deerfield Beach, Florida 33442
Phone 954.949.2200 Fax 954.949.2201
engineering@kammconsulting.com
Certification of Authorization #8189

date

signed

SEAL

DATE: 08-05-2025

DRAWING NO.

E1.1