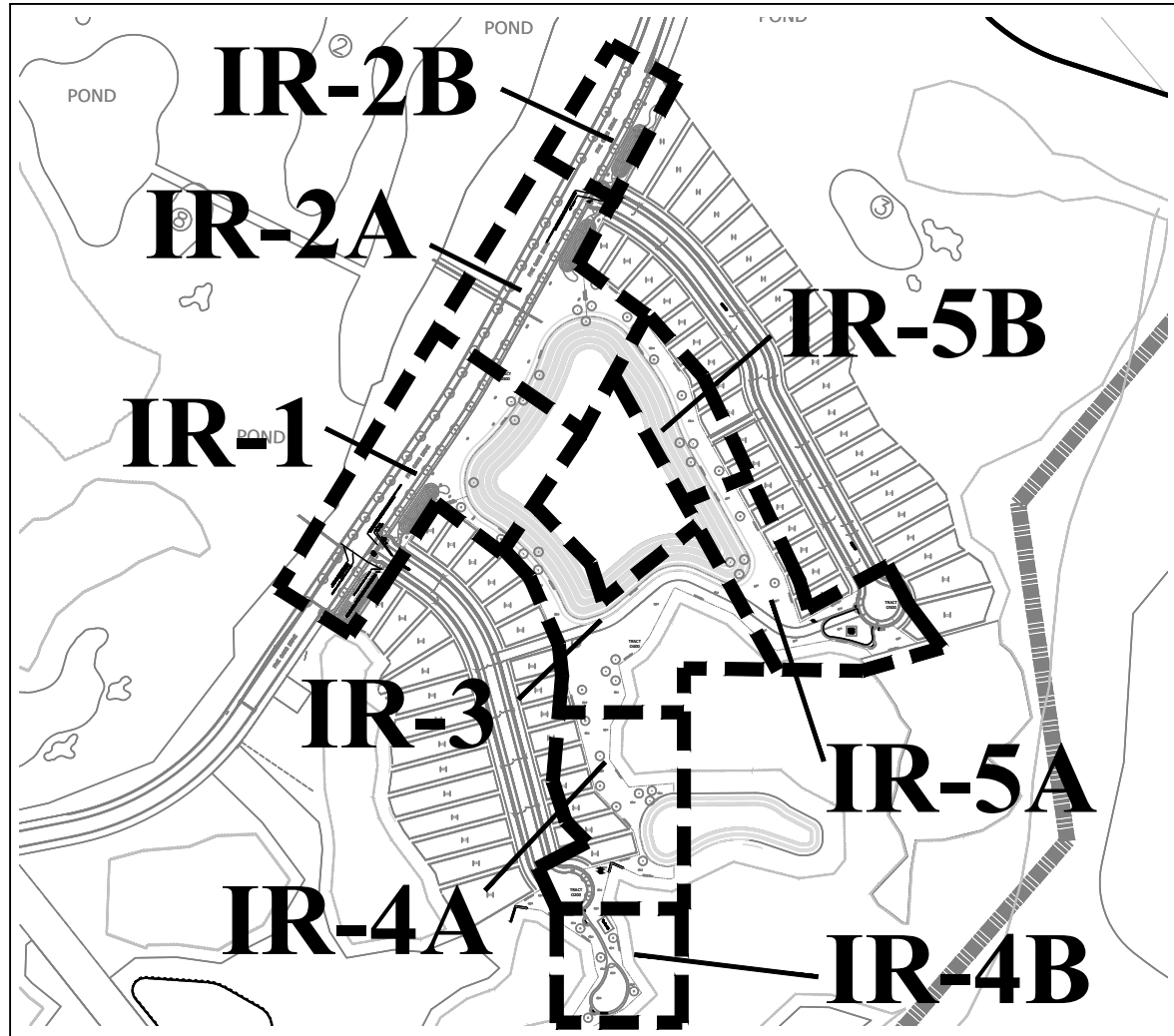
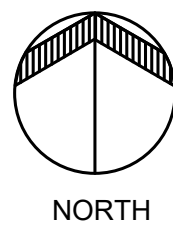


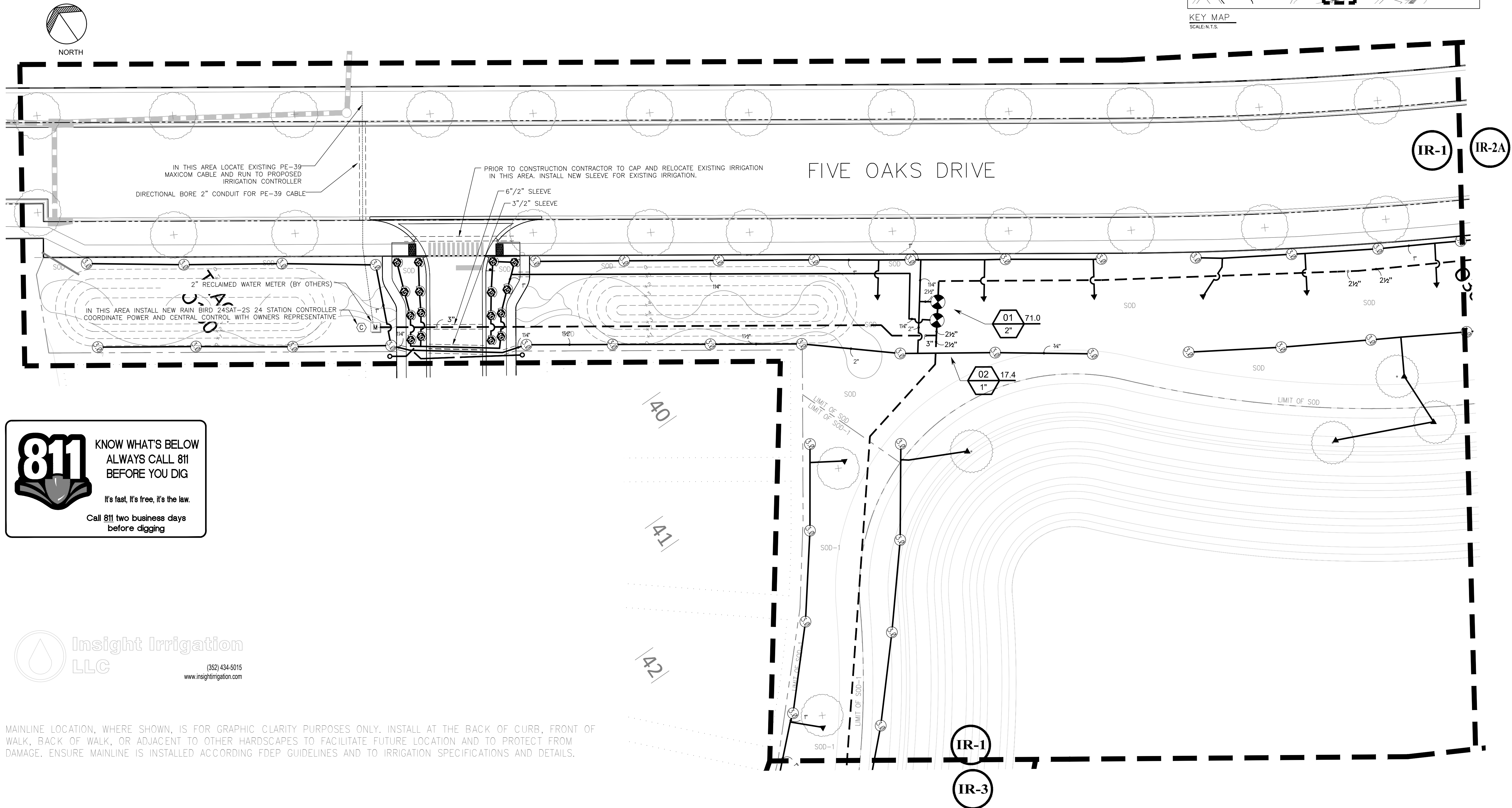
SCHEDULE OF DRAWINGS	
IR-1	IRRIGATION PLAN
IR-2	IRRIGATION PLAN
IR-3	IRRIGATION PLAN
IR-4	IRRIGATION PLAN
IR-5	IRRIGATION PLAN
ID-1	IRRIGATION DETAILS
IN-1	IRRIGATION NOTES



LOCATION MAP
SCALE: N.T.S.



KEY MAP
SCALE: N.T.S.

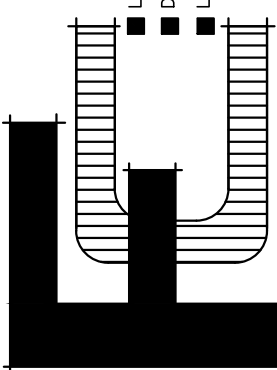


KNOW WHAT'S BELOW
ALWAYS CALL 811
BEFORE YOU DIG
It's fast, it's free, it's the law.
Call 811 two business days
before digging



MAINLINE LOCATION, WHERE SHOWN, IS FOR GRAPHIC CLARITY PURPOSES ONLY. INSTALL AT THE BACK OF CURB, FRONT OF WALK, BACK OF WALK, OR ADJACENT TO OTHER HARDSCAPES TO FACILITATE FUTURE LOCATION AND TO PROTECT FROM DAMAGE. ENSURE MAINLINE IS INSTALLED ACCORDING FDEP GUIDELINES AND TO IRRIGATION SPECIFICATIONS AND DETAILS.

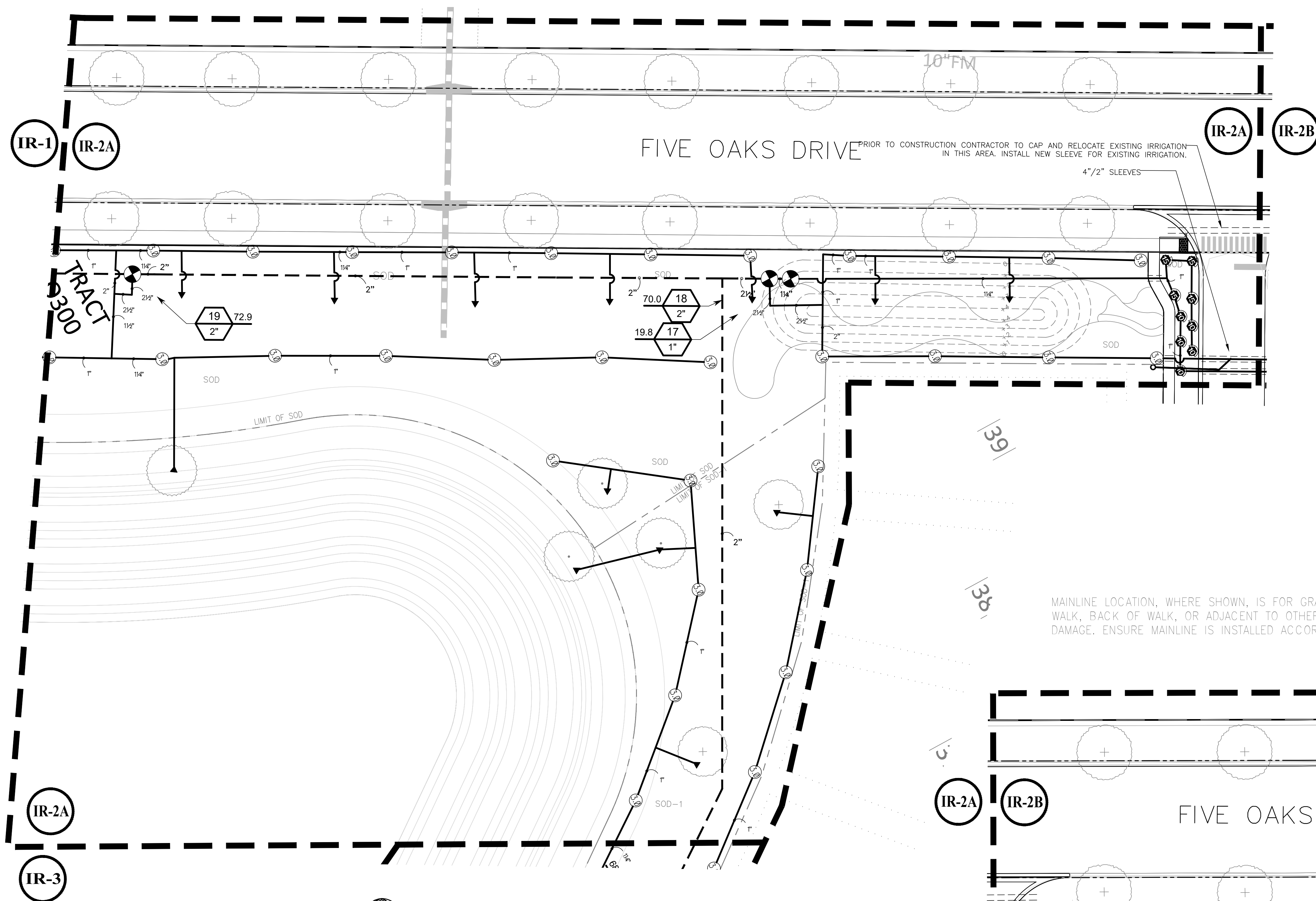
FOREMAN
CONSULTING, INC.



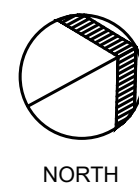
LANDSCAPE ARCHITECTURE
DEVELOPMENT CONSULTING
LAND PLANNING

268 LAKAY PLACE, LONGWOOD, FL 32779
kforeman@fcir.com, (407) 456-0119

		LANDSCAPE ARCHITECT: KENT FOREMAN, RLA	
DESCRIPTION		RVM	K/F
Δ 03-15	PRE-CONSTRUCTION SUD REVISIONS	JWS	K/F
Δ 05-04-16	REVISIONS PER PARKS ADDITION		
No.	DATE	DWG	CHK
			REC. # 663



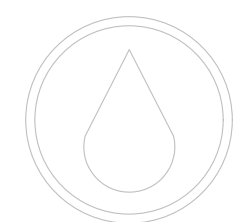
SHEET IR-2A
SCALE: 1"=20'



KNOW WHAT'S BELOW
ALWAYS CALL 811
BEFORE YOU DIG

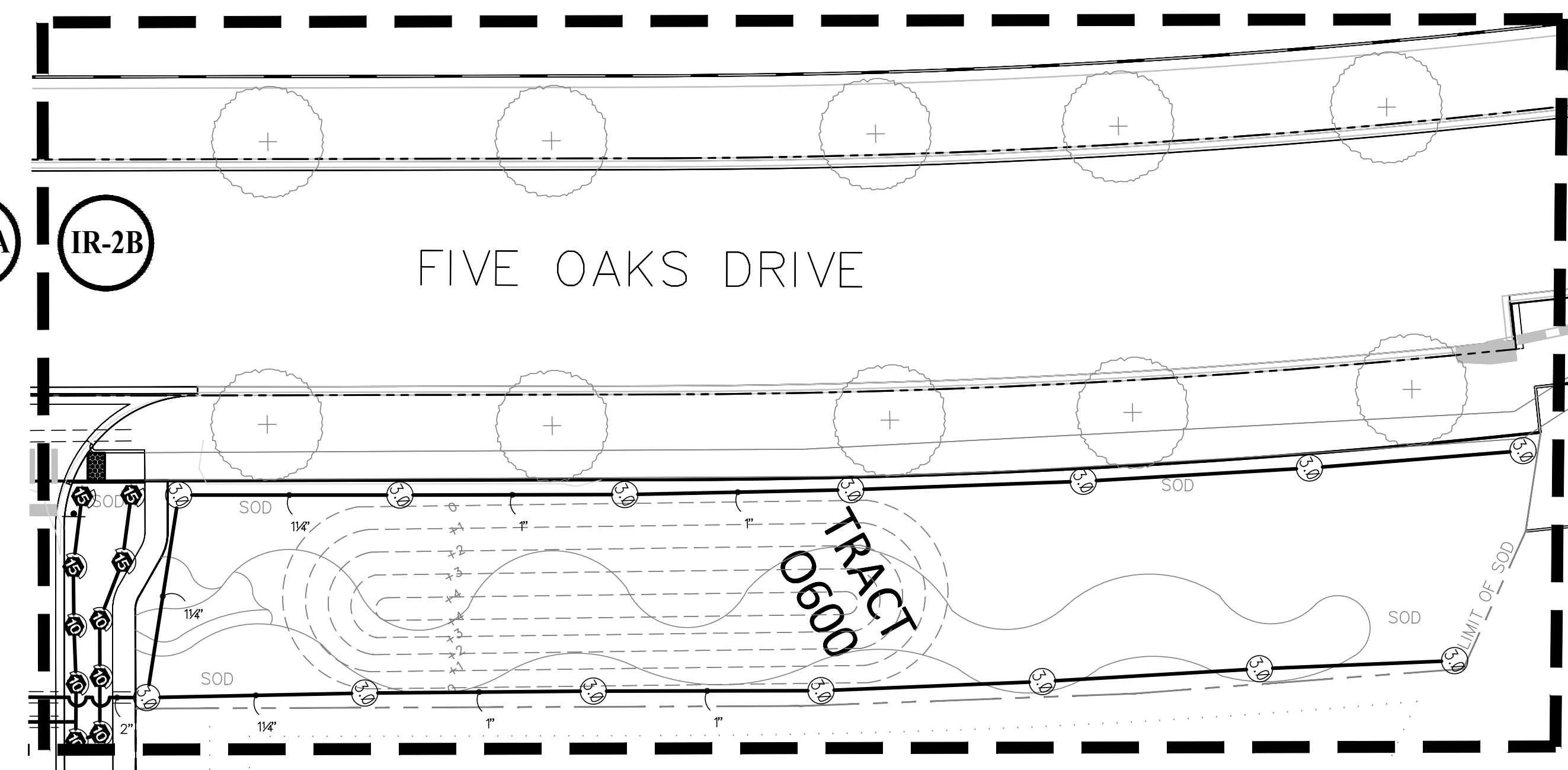
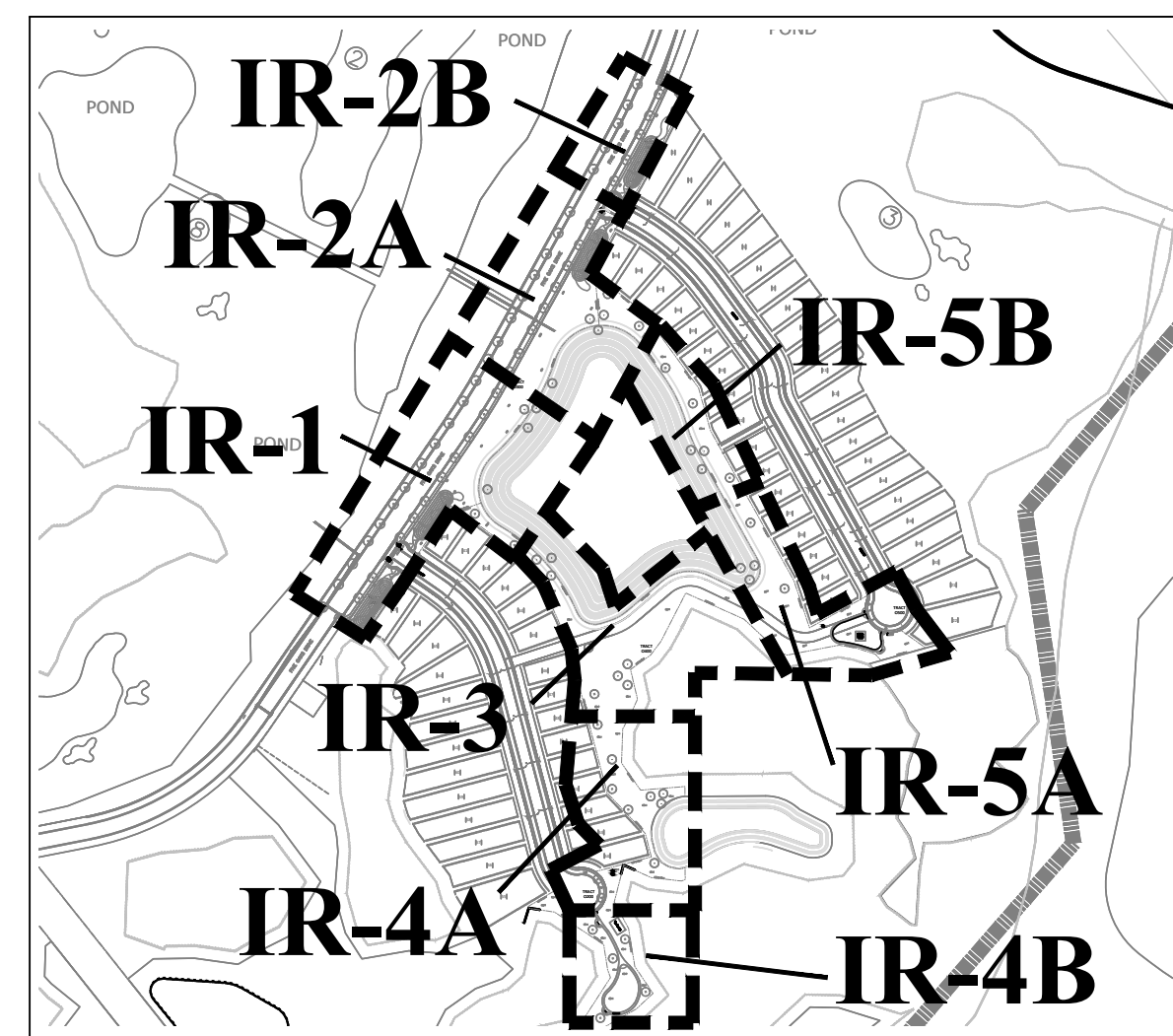
It's fast, it's free, it's the law.

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before digging

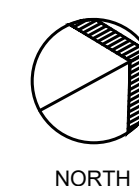


Insight Irrigation
LLC

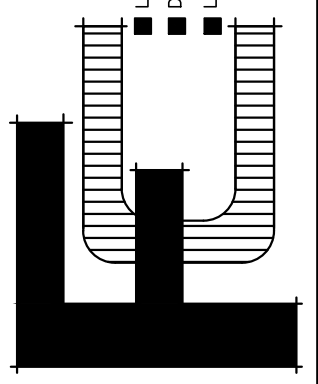
(352) 434-5015
www.insightirrigation.com



SHEET IR-2B
SCALE: 1"=20'



FOREMAN
CONSULTING, INC.



LANDSCAPE ARCHITECT
KENT FOREMAN, R.L.A.

RTM KJF

DESCRIPTION

No. DATE

HARMONY
NEIGHBORHOOD "O"
HARMONY, FLORIDA

IRRIGATION PLAN

DATE: 01/16/15

SCALE: 1"=20'

DRAWN BY: JAS

DESIGNED BY: JAS

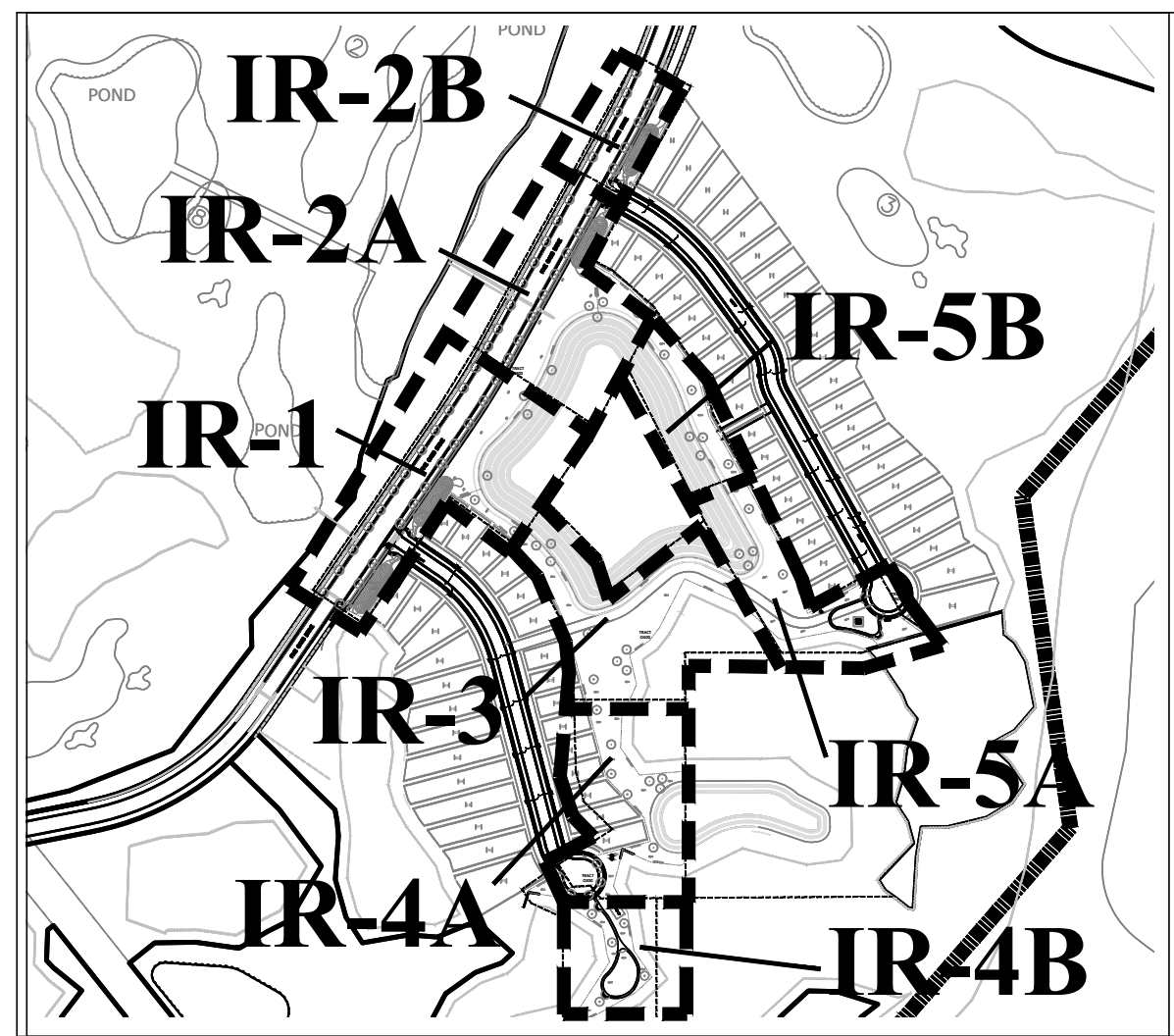
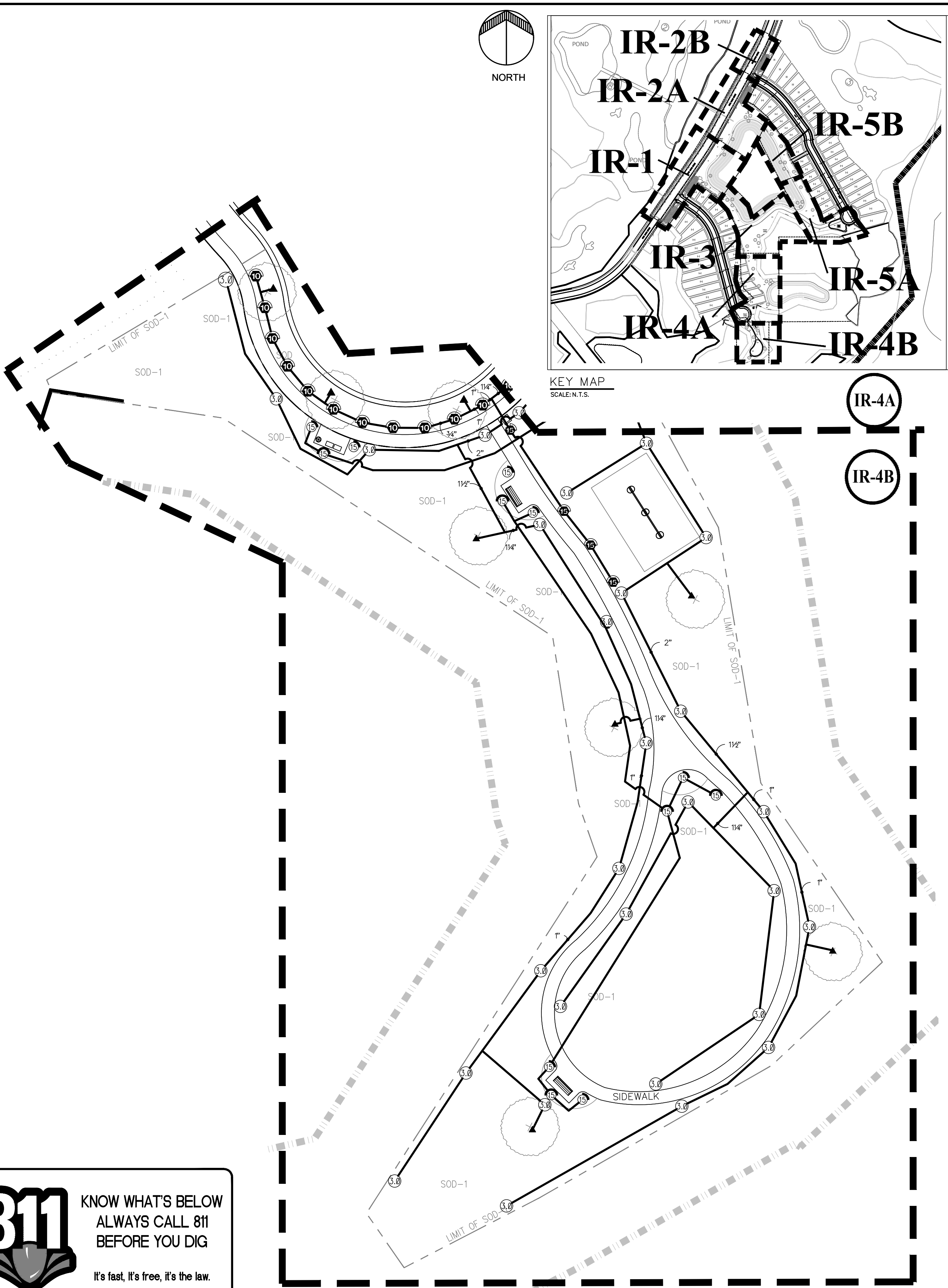
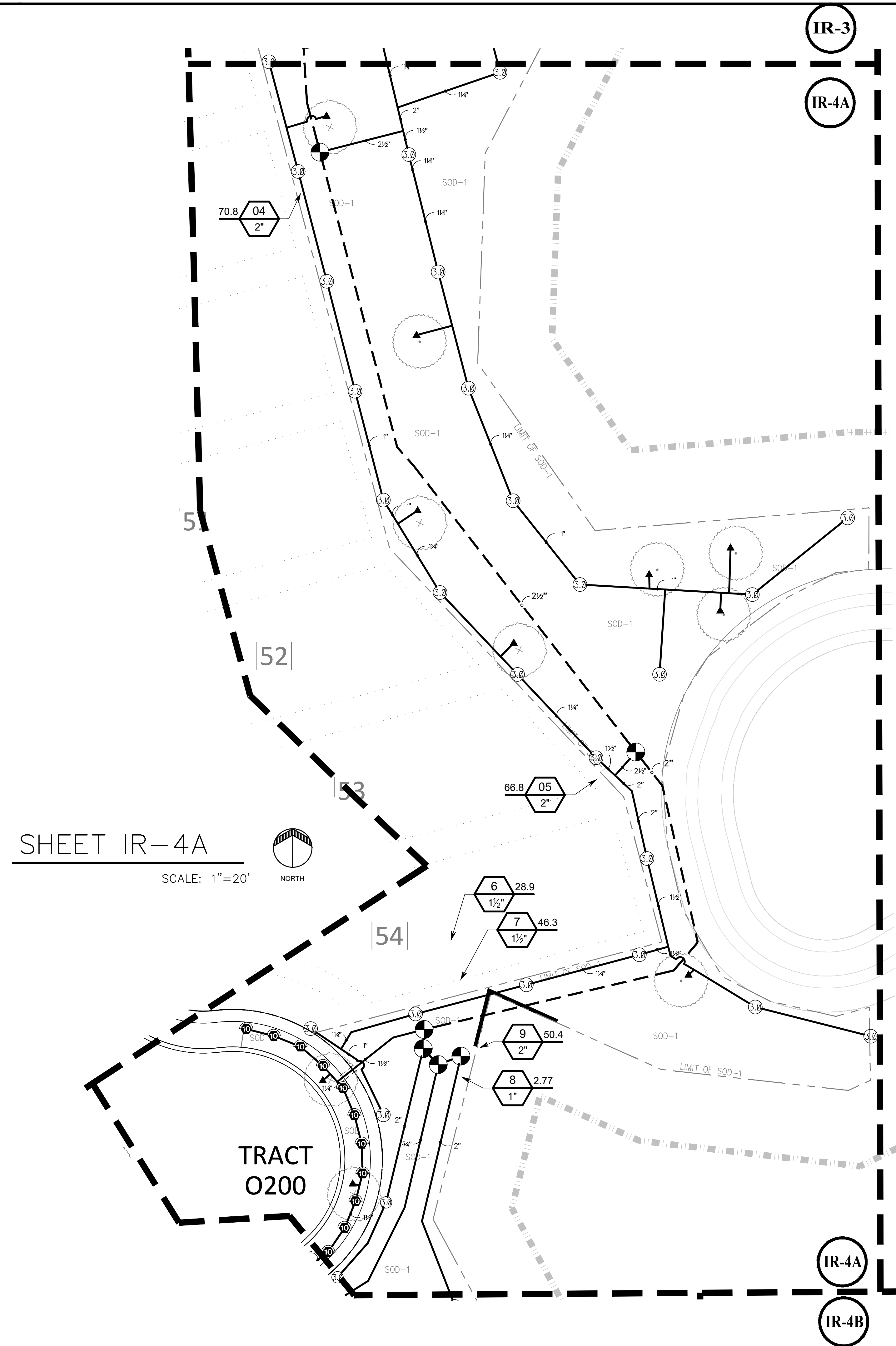
CHECKED BY: KJF

SHEET NO.

IR-2



SHEET NO.
IR-3



811 KNOW WHAT'S BELOW
ALWAYS CALL 811
BEFORE YOU DIG

It's fast, it's free, it's the law.
Call 811 two business days
before digging

REVISIONS		DESCRIPTION		DATE	
NO.	DATE	BY	CHK	REG. #	BY
1	05-04-16	REVISIONS PER PARKS ADDITION			
2					
3					
4					
5					
6					
7					
8					
9					
10					

HARMONY NEIGHBORHOOD "O"

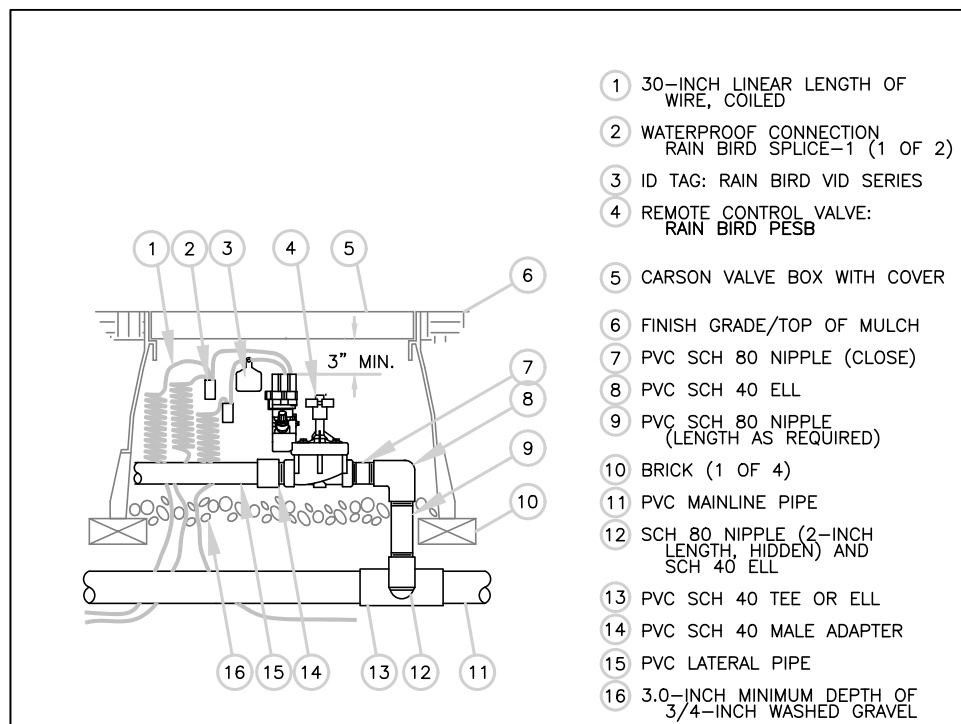
HARMONY, FLORIDA

IRRIGATION PLAN

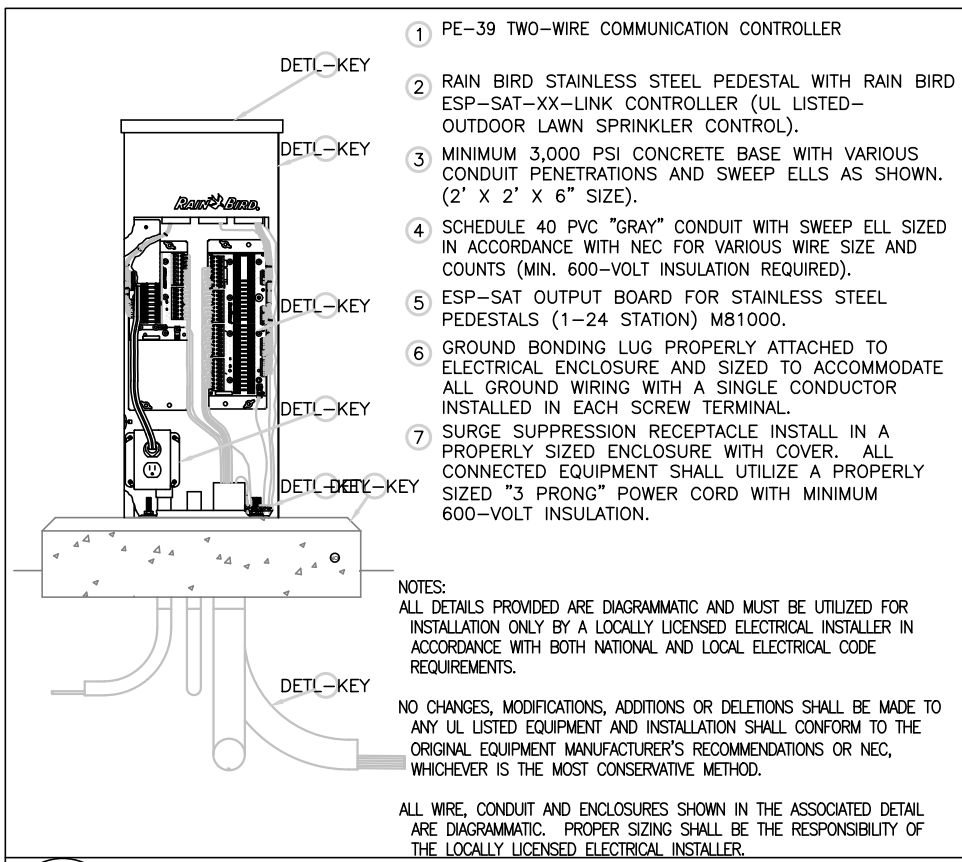
DATE: 01/16/15
SCALE: 1"=20'
DRAWN BY: JAS
DESIGNED BY: JAS
CHECKED BY: KJF

SHEET NO.
IR-4

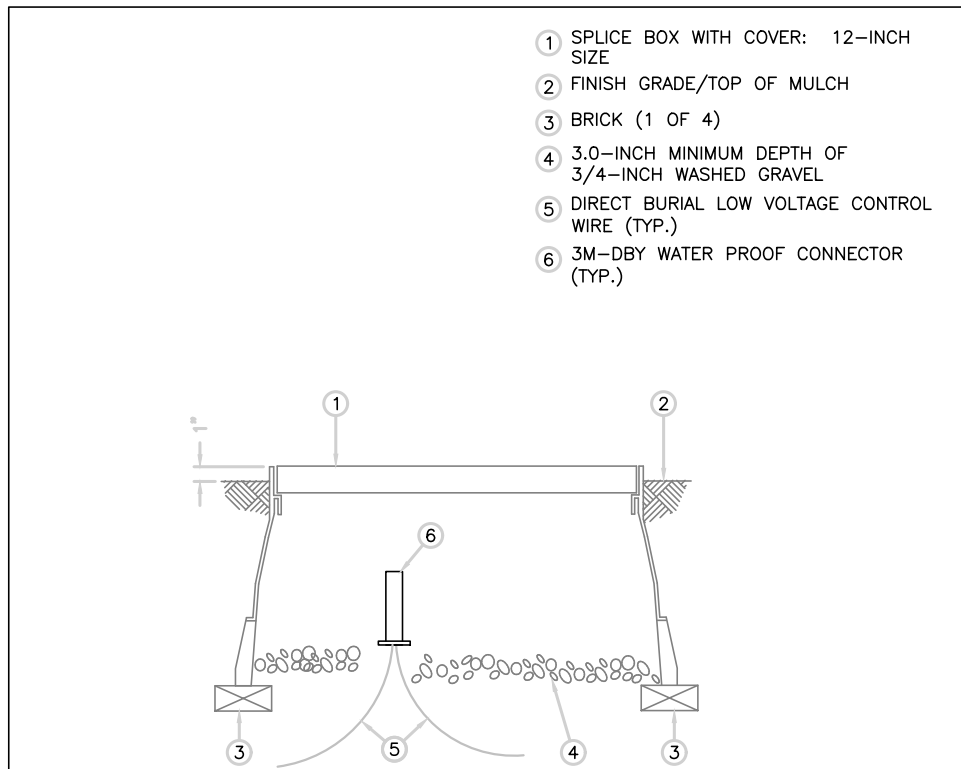
SHEET NO.
IR-5



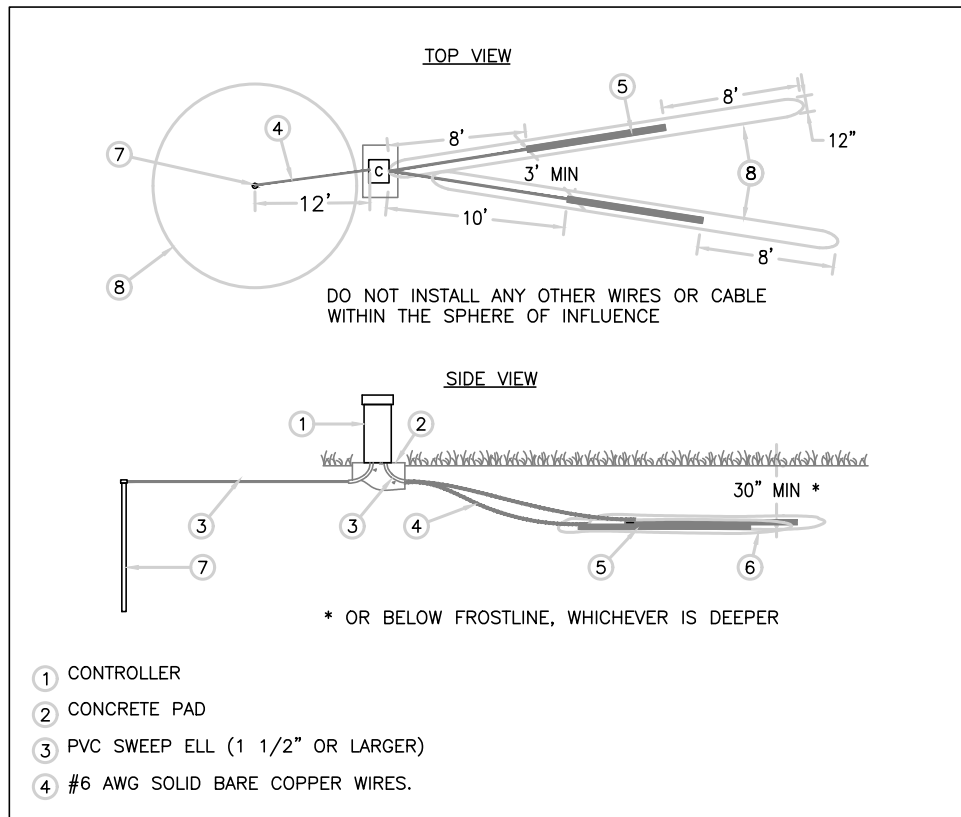
B RAIN BIRD PESB RCV



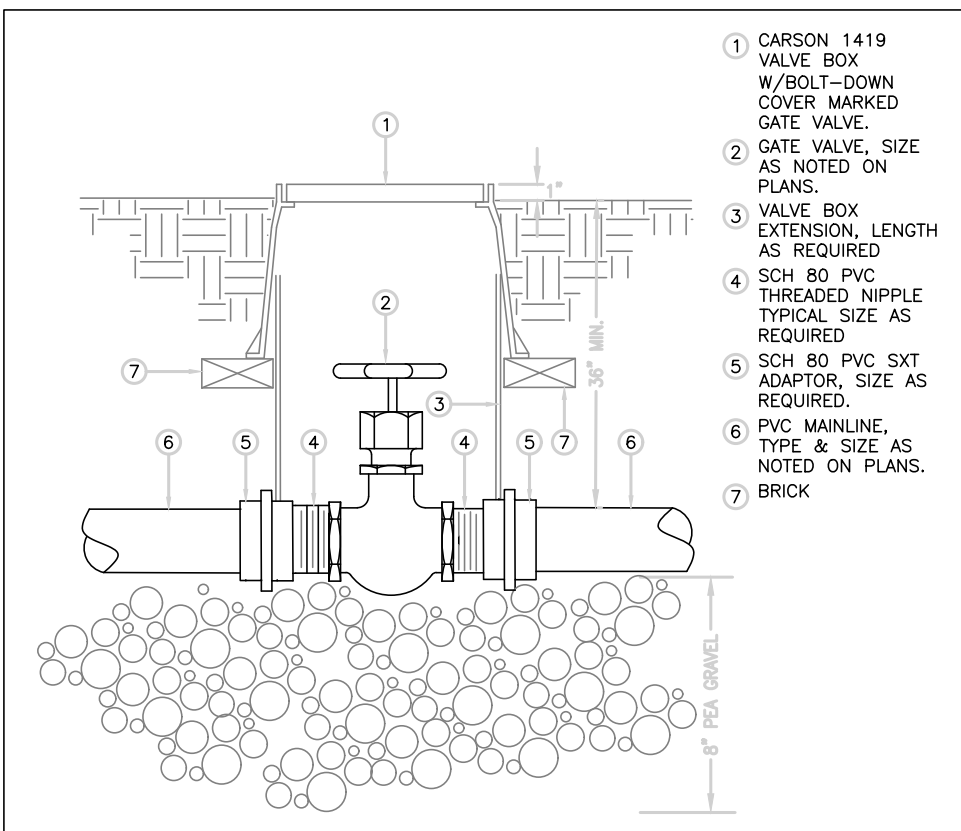
C RAIN BIRD SAT CONTROLLER



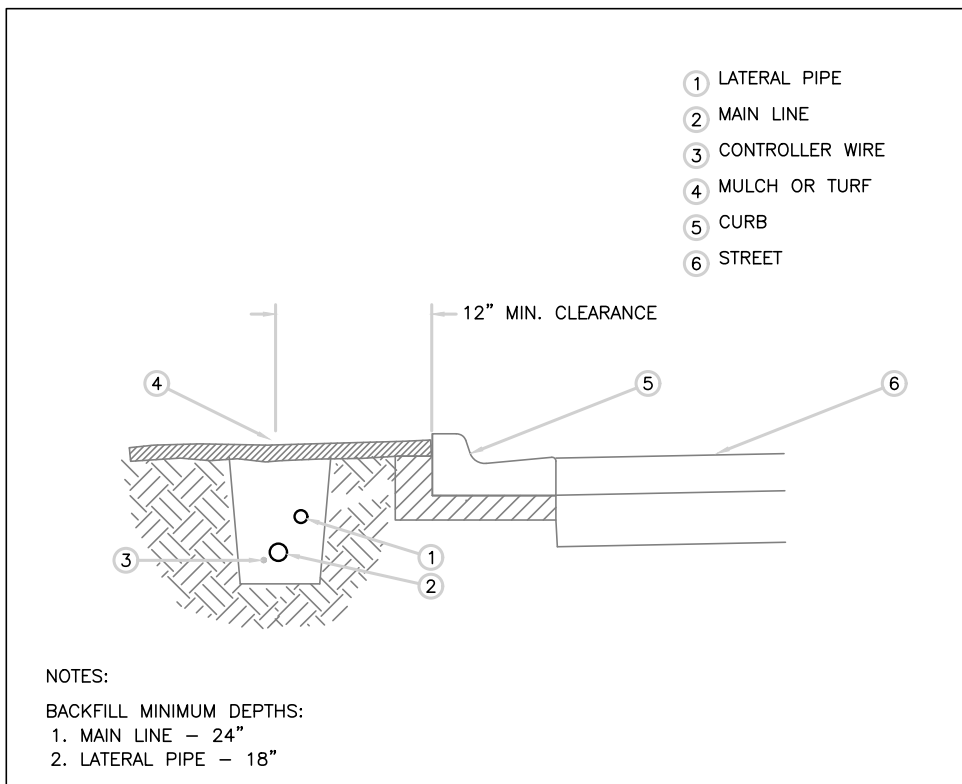
C WIRE SPICE



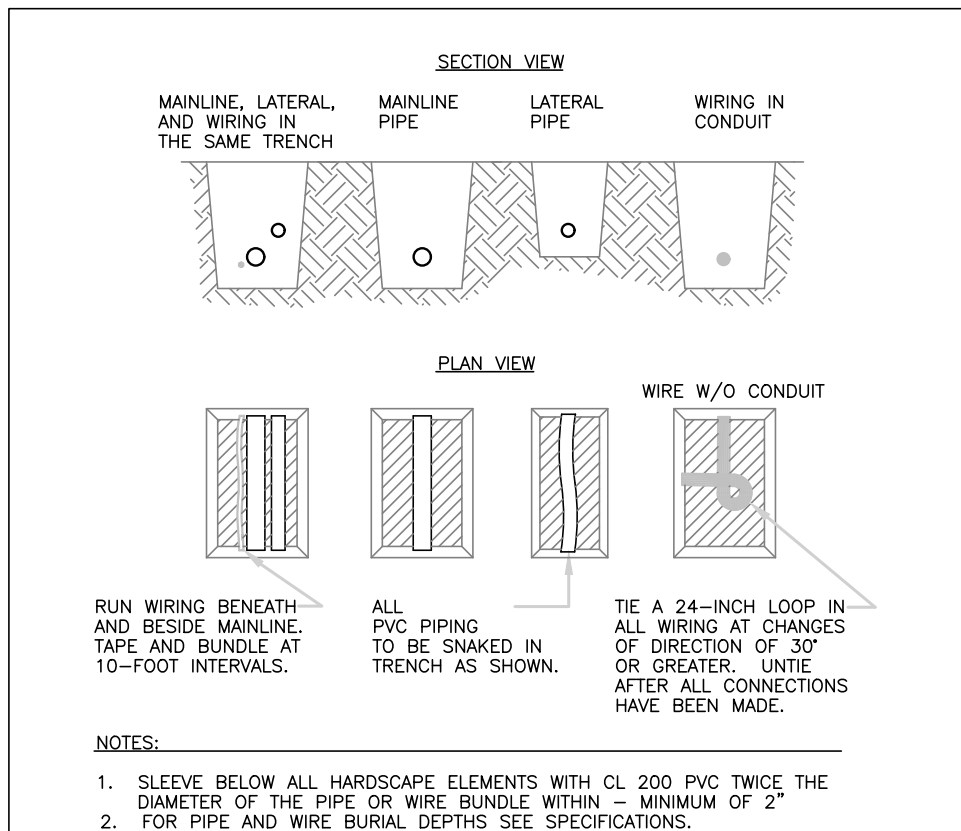
C GROUNDING DETAIL



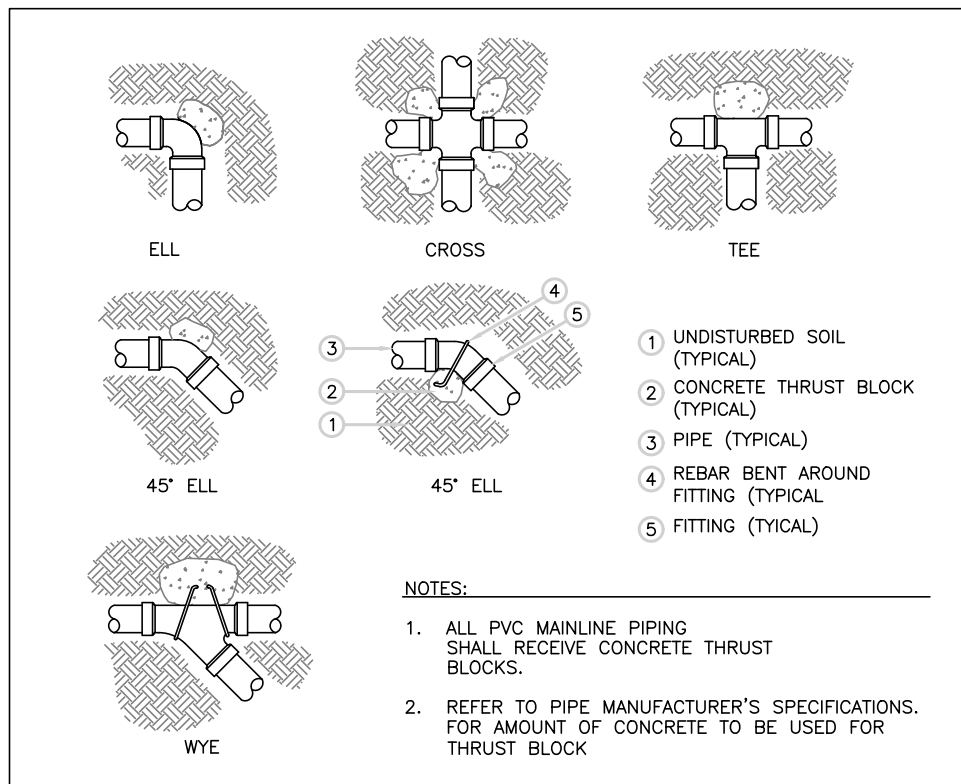
D T-113 GATE VALVE



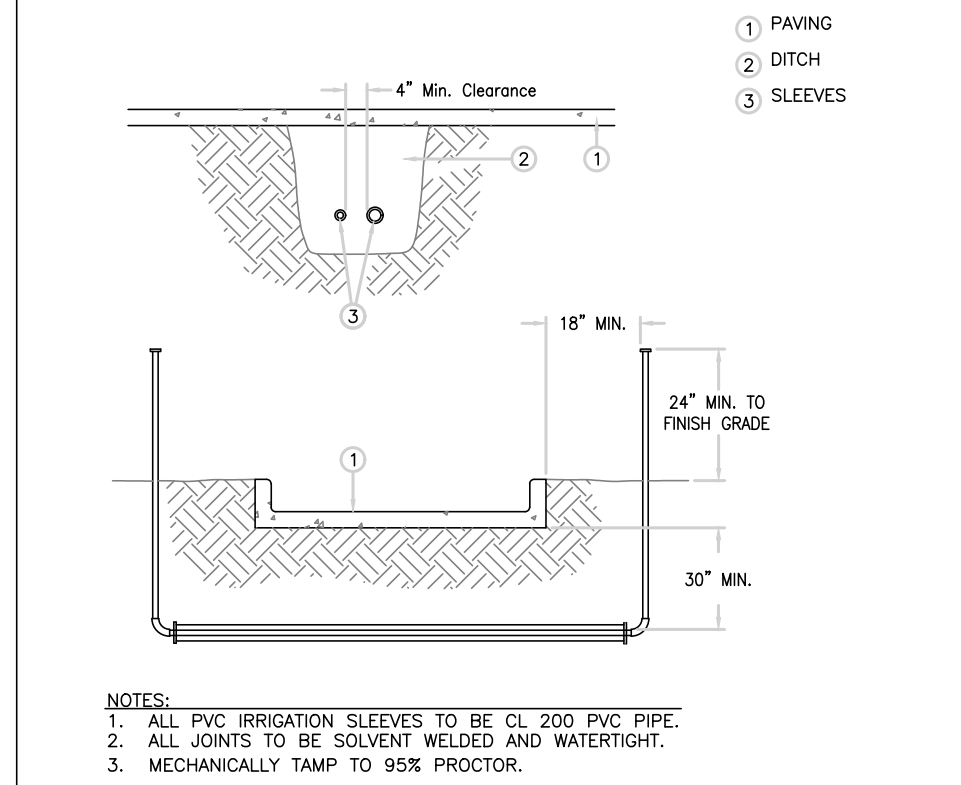
L MAINLINE AND LATERAL PIPING DETAIL



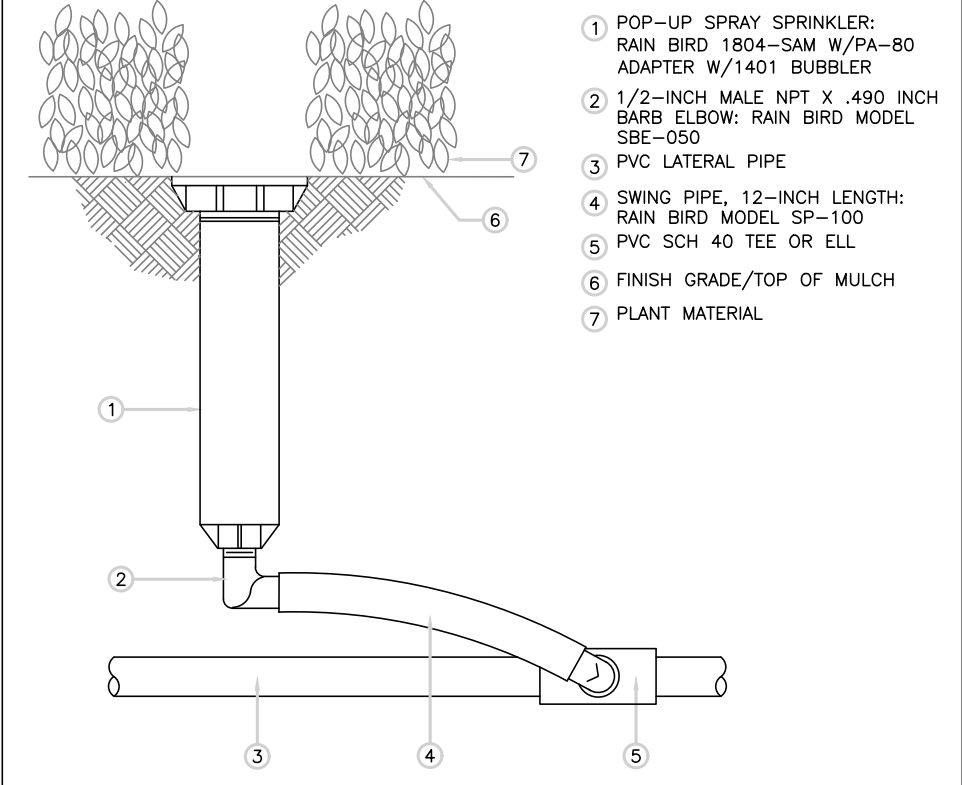
L PIPE AND WIRE TRENCHING



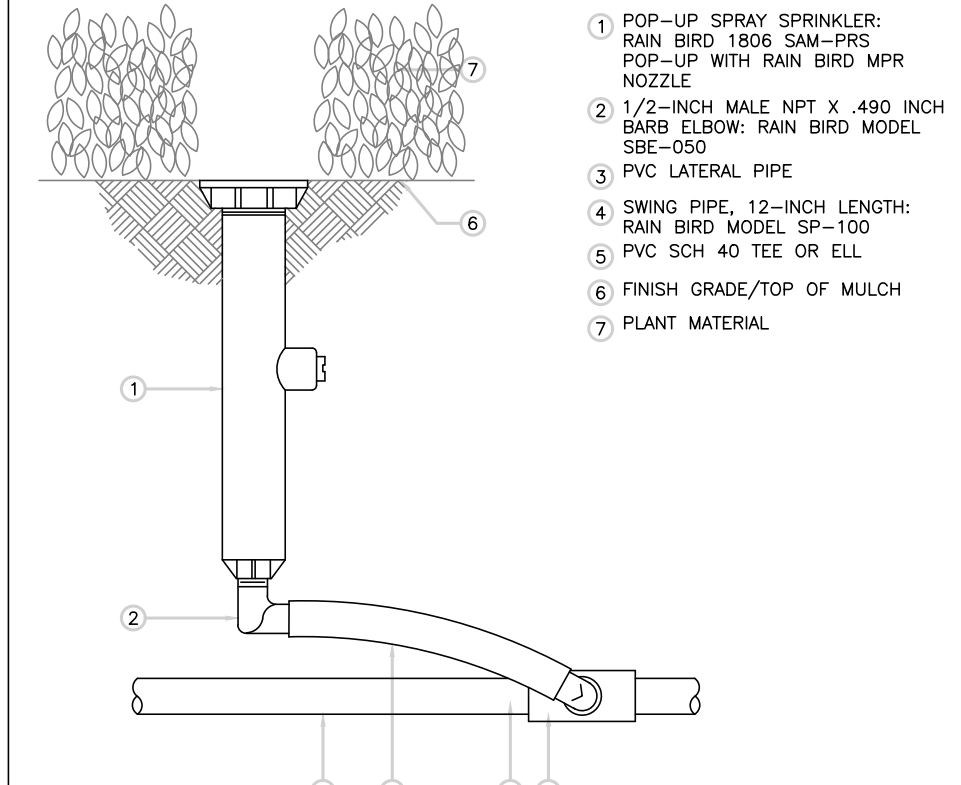
L THRUST BLOCK



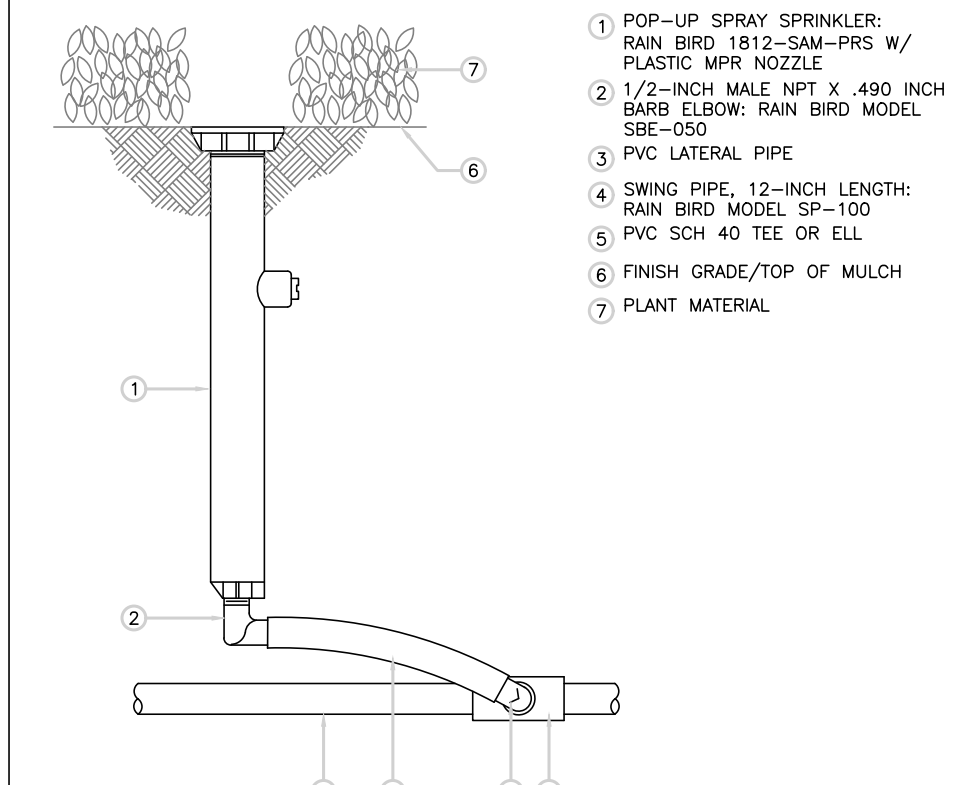
O SLEEVING



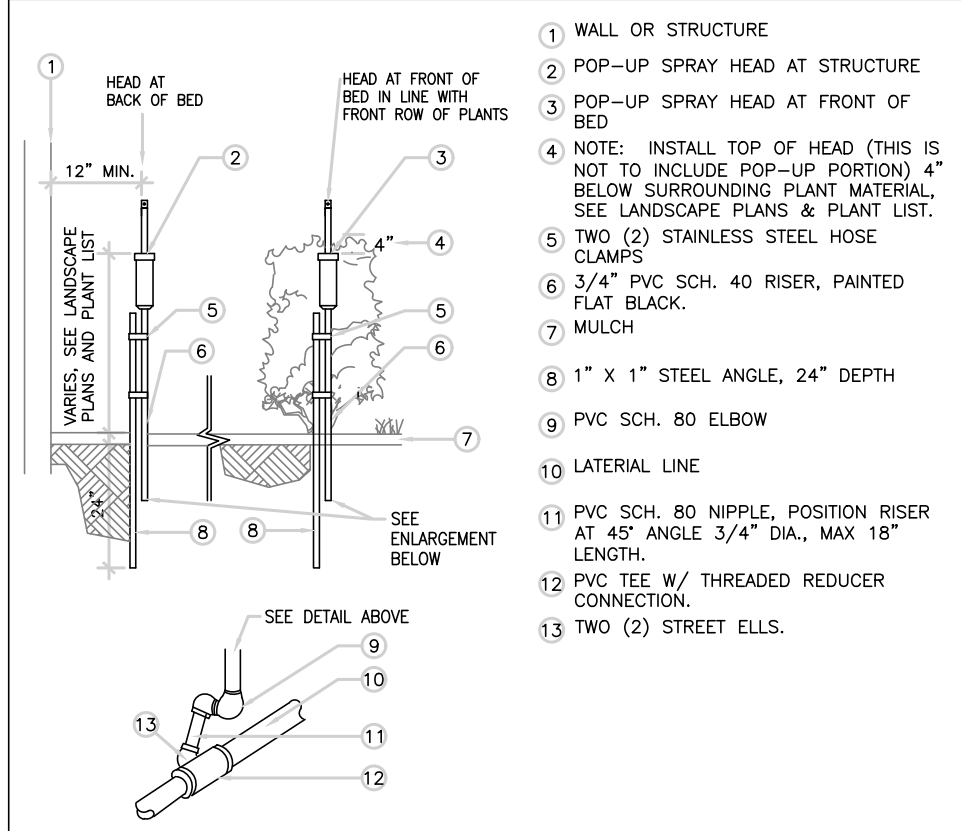
Q RAIN BIRD 1804-SAM POP-UP WITH 1401 BUBBLER



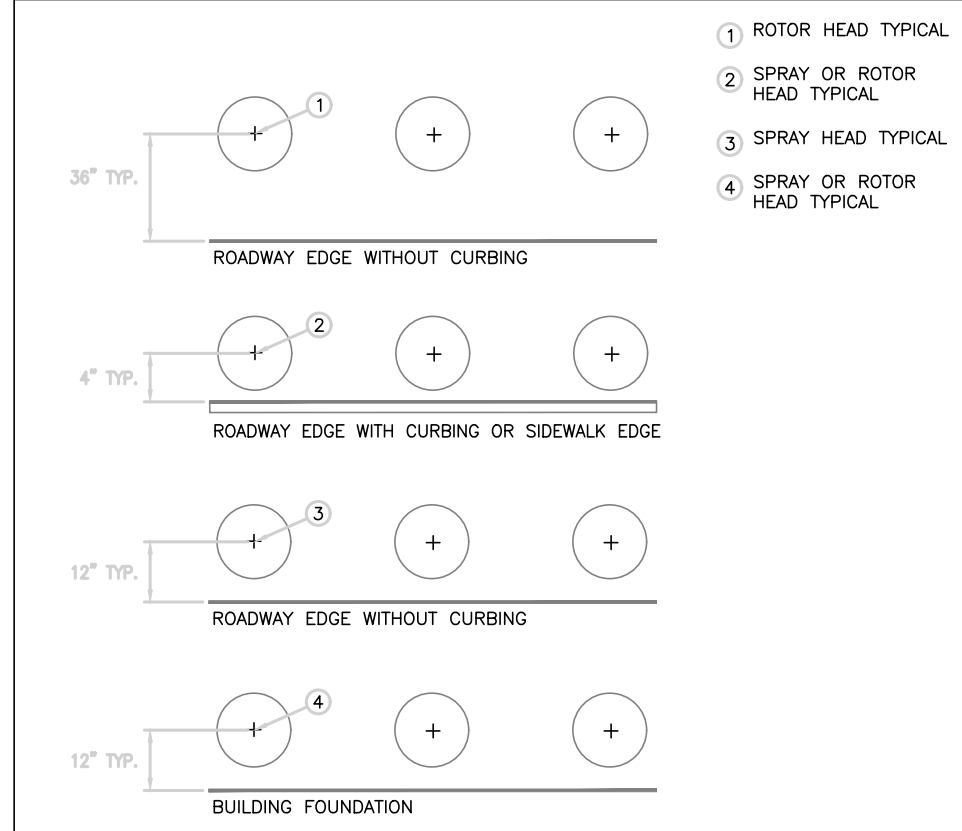
R RAIN BIRD 1806 SAM-PRS SPRAY



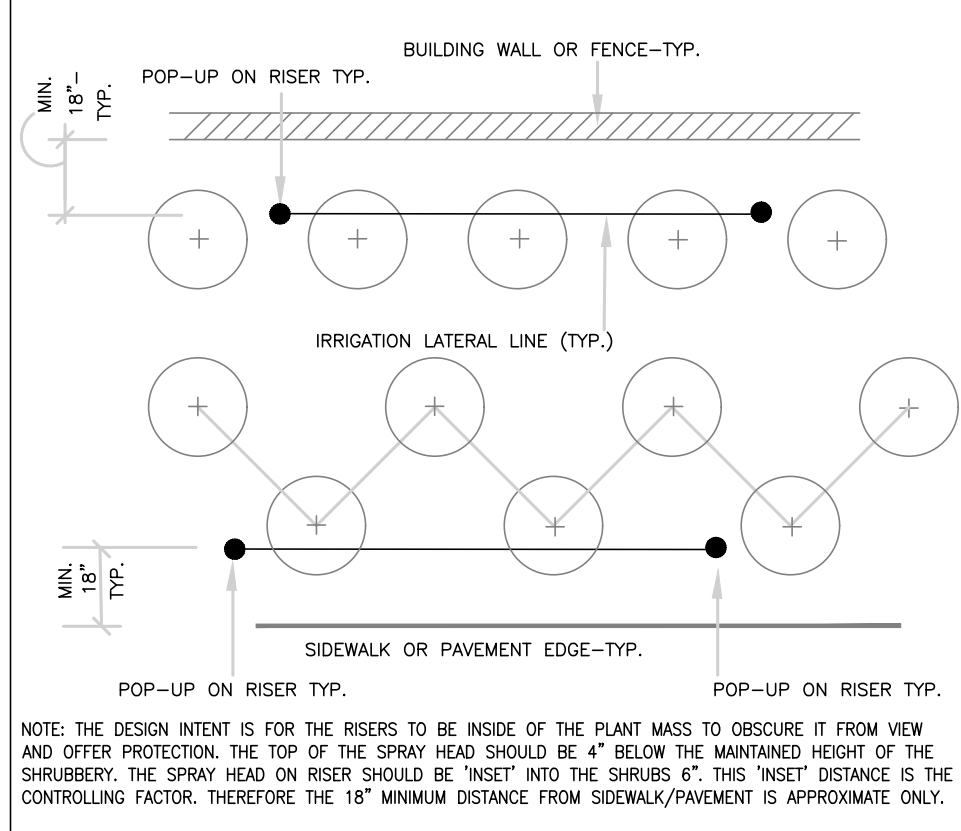
S RAIN BIRD 1812 SAM-PRS SPRAY



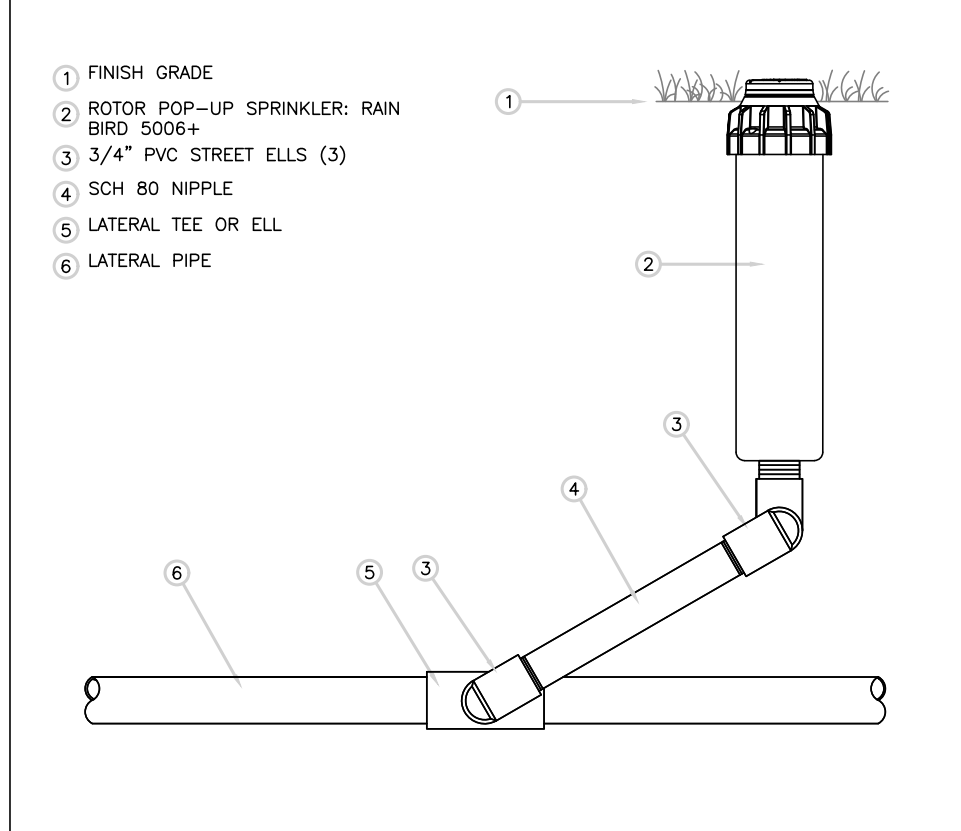
T POP-UP HEAD ON RISER



T POP-UP HEAD TO HARDSCAPE LOCATION DETAIL-A

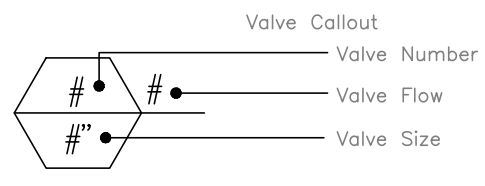


T POP-UP HEAD ON RISER LOCATION DETAIL-B



V RAIN BIRD 5000 GEARED ROTOR

IRRIGATION SCHEDULE						
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI			DETAIL
	Rain Bird 1806-SAM-PRS-NP 10 Series MPR Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Nipper Seal. 1/2" NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, Pressure Regulating, and Non Potable Purple Cap.	56	30			
	Rain Bird 1806-SAM-PRS-NP 15 Series MPR Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Nipper Seal. 1/2" NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, Pressure Regulating, and Non Potable Purple Cap.	20	30			
	Rain Bird 1812-SAM-PRS-NP 10 Series MPR Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Nipper Seal. 1/2" NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, Pressure Regulating Device, and Non-Potable Purple Cap.	7	30			
	Rain Bird 1812-SAM-PRS-NP 15 Series MPR Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Nipper Seal. 1/2" NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, Pressure Regulating Device, and Non-Potable Purple Cap.	12	30			
	Rain Bird R-VAN-1318 RD-1806-SAM-P45-NP Turf Rotator, 13'-18' Hand Adjustable Rotary Stream, w/RD-1800 turf spray body, 6.0" Pop-Up. With Seal-A-Matic Check Valve and 45 psi in-stem pressure regulation. With Non Potable Purple Cap.	24	45			
	Rain Bird R-1318 RD-1806-SAM-P45-NP Turf Rotator, 13'-18' Rotary Stream, w/RD-1800 turf spray body on 6.0" pop-up, with check valve and 45 psi in-stem pressure regulator. 1/2" NPT Female Threaded Inlet. With Non-Potable Purple Cap.	2	45			
	Rain Bird R-1724 RD-1806-SAM-P45-NP Turf Rotator, 17'-24' Rotary Stream, w/RD-1800 turf spray body on 6.0" pop-up, with check valve and 45 psi in-stem pressure regulator. 1/2" NPT Female Threaded Inlet. With Non-Potable Purple Cap.	1	45			
	Rain Bird 1800-1400 Flood Fixed flow rate (0.25-2.0gpm), full circle bubbler, 1/2" FIPT.	63	30			
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	GPM	RADIUS	DETAIL
	Rain Bird 5006-PL-FC, FC-NP Turf Rotor, 6.0" Pop-Up, Plastic Riser. Adjustable and Full Circle. Standard Angle Nozzle and Flow Shut-Off Device. With Non-Potable Purple Cover.	237	45	3.09	40'	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY				DETAIL
	Rain Bird PEB-NP-HAN 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration. With Purple Handle for Non-Potable Water Use.	19				
	Rain Bird ESP-24SAT-25 24 Stations Satellite Controller for Maxicom and SiteControl. 120 VAC. Two-Wire Satellite Data Path. Stainless Steel Pedestal.	1				
	Water Meter 2"	1				
	Irrigation Lateral Line: PVC Class 200 SDR 21 PVC Class 200 Irrigation pipe. Only lateral transition pipe sizes 1" and above are indicated on the plan, with all others being 3/4" in size.	12,288 l.f.				
	Irrigation Mainline: PVC Schedule 40 PVC Schedule 40 Irrigation pipe.	3,189 l.f.				
	Pipe Sleeve: PVC Schedule 40	239.1 l.f.				



UNLESS OTHERWISE NOTED, ALL MATERIALS SHALL BE AS SHOWN.		REVISIONS		DATE	
NO.	DESCRIPTION	BY	CHK	DATE	
1	PRELIMINARY	KJF			
2	REVISED	KJF			
3	REVISED	KJF			
4	REVISED	KJF			
5	REVISED	KJF			
6	REVISED	KJF			
7	REVISED	KJF			
8	REVISED	KJF			
9	REVISED	KJF			
10	REVISED	KJF			
11	REVISED	KJF			
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13	REVISED	KJF			
14	REVISED	KJF			
15	REVISED	KJF			
16	REVISED	KJF			
17	REVISED	KJF			
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29	REVISED	KJF			
30	REVISED	KJF			

