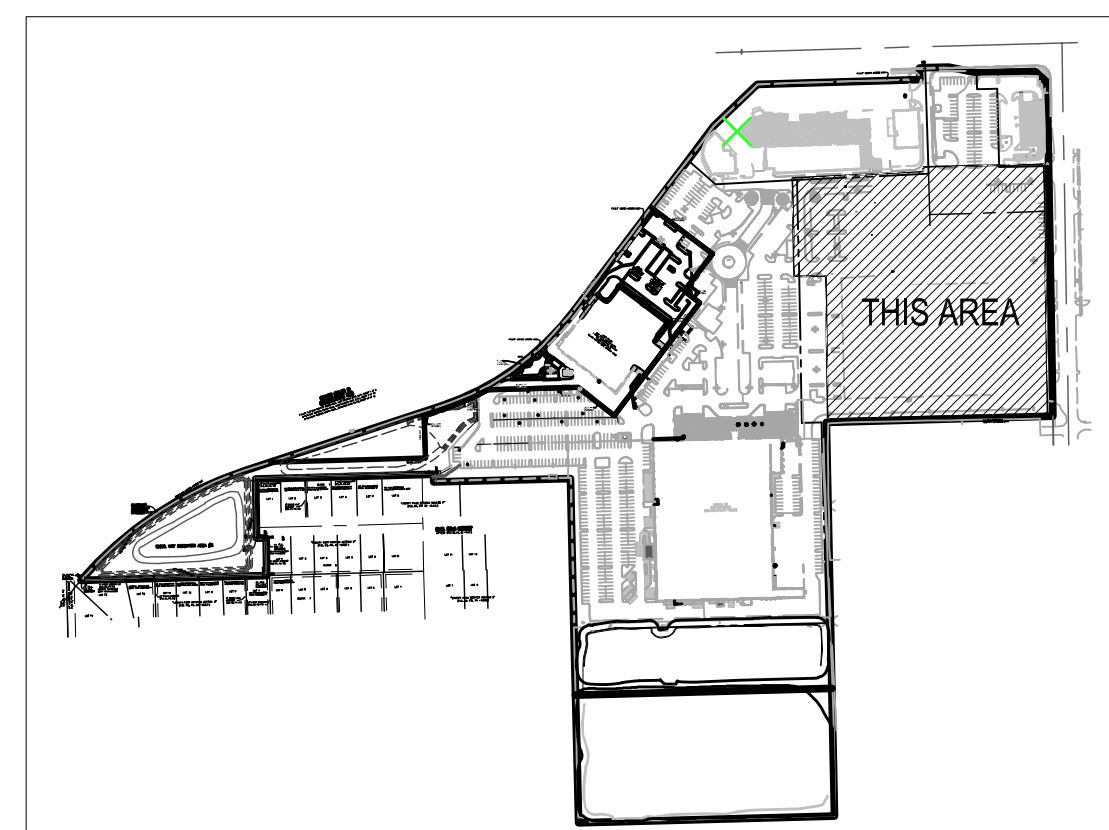




Digitally signed by Michael D Grosswirth  
Date: 2024.04.05 07:44:00 -04'00'

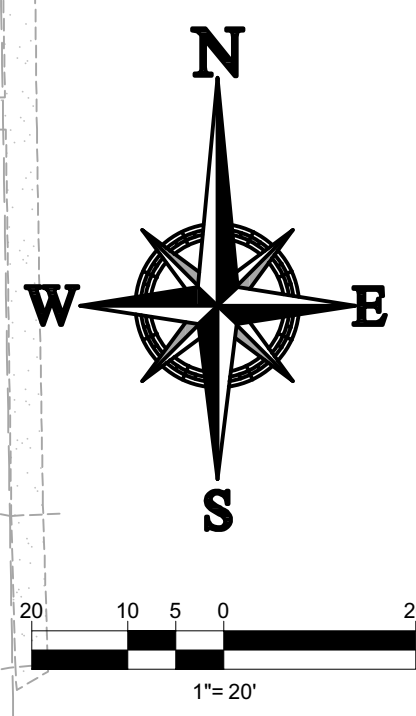
IT IS REQUIRED TO HAVE A  
PRE-CONSTRUCTION MEETING WITH THE  
URBAN FORESTRY STAFF PRIOR TO  
COMMENCEMENT OF ANY LANDSCAPE  
WORK OR SITE WORK AFFECTING EXISTING  
TREES. CONTACT MARK BRUMET AT  
954-786-4523 or mark.brumet@copbfl.com











































**KEY MAP**  
1" = 500'

## CRITICAL ANALYSIS

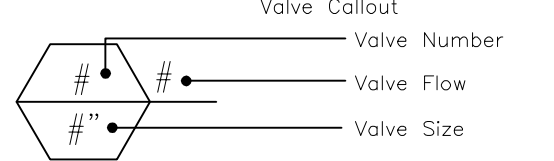
Generated:	2023-09-27 18:39
P.O.C. NUMBER: 01	
Water Source Information:	
FLOW AVAILABLE	
Point of Connection Size:	1"
Flow Available	20.24 GPM
PRESSURE AVAILABLE	
Static Pressure at POC:	55 PSI
Pressure Available:	55 PSI
DESIGN ANALYSIS	
Maximum Station Flow:	36.66 GPM
Flow Available at POC:	20.24 GPM
Residual Flow Available:	-16.42 GPM
Critical Station:	
Design Pressure:	40 PSI
Friction Loss:	16.9 PSI
Fittings Loss:	1.68 PSI
Elevation Loss:	0 PSI
Loss through Valve:	1.77 PSI
Pressure Req. at Critical Station:	60.3 PSI
Loss for Fittings:	0.05 PSI
Loss for Main Line:	0.45 PSI
Loss for POC to Valve Elevation:	0 PSI
Loss for Backflow:	0 PSI
Critical Station Pressure at POC:	60.8 PSI
Pressure Available:	55 PSI
Residual Pressure Available:	-5.62 PSI



## IRRIGATION SCHEDULE PORSCHE

<u>SYMBOL</u>	<u>MANUFACTURER/MODEL/DESCRIPTION</u>	<u>QTY</u>	<u>PSI</u>
    	Rain Bird 1806-PRS 15 Strip Series Turf Spray 6" pop-up with pressure regulator.	7	30
   	Rain Bird 1806-PRS 8 Series MPR Turf Spray 6" pop-up with pressure regulator.	27	30
	Rain Bird 1806-PRS 15 Strip Series Turf Spray 6" pop-up with pressure regulator.	2	30
   	Rain Bird 1806-PRS 10 Series MPR Turf Spray 6" pop-up with pressure regulator.	92	30
     	Rain Bird 1806-PRS 12 Series MPR Turf Spray 6" pop-up with pressure regulator.	82	30
     	Rain Bird 1806-PRS 15 Series MPR Turf Spray 6" pop-up with pressure regulator.	58	30
      	Rain Bird 1806-PRS ADJ Turf Spray 6" pop-up with pressure regulator.	105	30
   	Rain Bird 1804-1400 Flood Flood Bubbler 4" pop-up	266	40
<u>SYMBOL</u>	<u>MANUFACTURER/MODEL/DESCRIPTION</u>	<u>QTY</u>	
	Rain Bird PEB Electric Remote Control Valve	25	
 	Point of Connection 1"	1	
—————	Irrigation Lateral Line: PVC Class 160 SDR 26	11,644 l.f.	
—————	Irrigation Mainline: PVC Class 201 SDR 21	3,669 l.f.	

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.



**HOMAS**  
ENGINEERING GROUP

CIVIL ENGINEERS • PROJECT MANAGERS • LAND PLANNING • LANDSCAPE ARCHITECTS

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F: (813) 379-4100

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JUPITER, FL 33408  
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[illegible]

PROJECT No.:	F230019
DRAWN BY:	LMD
CHECKED BY:	NKS
DATE:	
CAD I.D.:	F230019-IRRIGATION PLAN

PROJECT:

**PORSCHE CHAMPION  
CENTER  
300 W COPANS RD**

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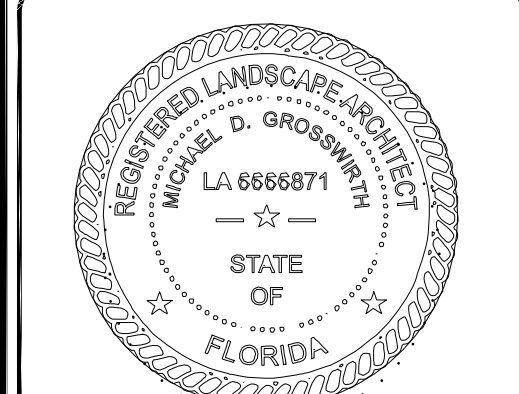
— FOR —

**CHAMPION PORSCHE**

POMPANO BEACH  
FLORIDA



6300 NW 31ST AVENUE  
FORT LAUDERDALE, FL 33309  
PH: (954) 202-7000  
[www.ThomasEngineeringGroup.com](http://www.ThomasEngineeringGroup.com)



SHEET TITLE:

## IRRIGATION PLAN & SCHEDULES

SHEET NUMBER: \_\_\_\_\_

### L-3.0

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