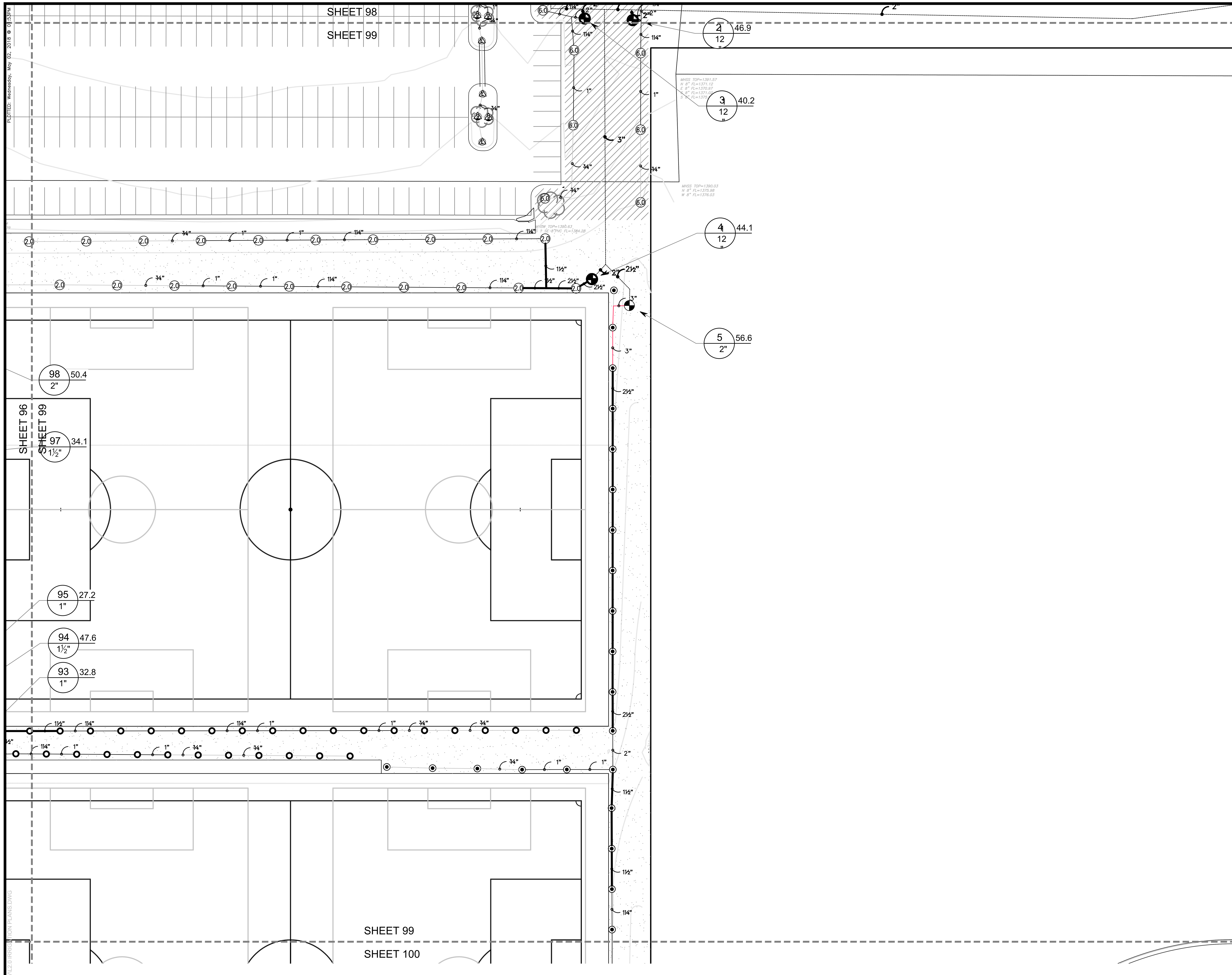

ENLARGED IRRIGATION PLAN

SCALE: 1" = 30.00'

NORTH

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
EST LCS RCS CST SST	Rain Bird 1806-U-PRS 15 Strip Series Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. Pressure Regulating.	40	30
Q T H F	Rain Bird 1806-U-PRS U10 Series Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. Pressure Regulating.	135	30
EST LCS RCS CST SST	Rain Bird 1812-PRS-U 15 Strip Series Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	79	30
SST	Rain Bird 1812-PRS-U 15 Strip Series Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	46	30
Q T H F	Rain Bird 1812-PRS-U U10 Series Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	156	30
Q T H TT TQ F	Rain Bird 1812-PRS-U U12 Series Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	4	30
Q T H TT TQ F	Rain Bird 1812-PRS-U U15 Series Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	8	30
08HE-VAN 12HE-VAN 10HE-VAN 15HE-VAN	Rain Bird 1812-PRS-U ADJ Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	12	30
Q H	Rain Bird 1812-PRS-U 8 FLT Series MPR Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	1	30
F	Rain Bird R-1318 1806-SAM-P45 Turf Rotator, 13`-18` Rotary Stream, w/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.	3	45
R-VAN 14 R-VAN 1318 R-VAN 1724	Rain Bird RVAN18 1806-SAM-P45 Turf Rotator, 13`-18` Hand Adjustable Rotary Stream, w/1800 turf spray body, 6.0" Pop-Up. With Seal-A-Matic Check Valve and 45 psi in-stem pressure regulation.	461	45

SYMBOL	MANUFACTURER/MODEL	QTY	PSI	GPM	RAD
2.0	Hunter I-20-06	30	55	2.10	34'
3.0	Hunter I-20-06	152	55	3.40	39'
6.0	Hunter I-20-06	346	55	6.70	44'

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Rain Bird PEB-PRS-D 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration. With Pressure Regulator Module.	102
	Rain Bird 3-RC 3/4" Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Thermoplastic Rubber Cover, and 1-Piece Body.	3
M	Rain Bird 300-BPE-NP-HAN Angle 3" 3" Brass Master Valve, with Angle Configuration. With Purple Flow Control Handle for Non-Potable Water Applications.	1
M2	Rain Bird 300-BPE-NP-HAN Angle 3" 3" Brass Master Valve, with Angle Configuration. With Purple Flow Control Handle for Non-Potable Water Applications.	1
BF	Febco 850 Master Series 2-1/2" Double Check Backflow prevention, 2-1/2" to 10".	1
BP	Watertronics WaterMax 5000 - 05 HP Efficient compact pumping system, 5 horsepower; 3-Phase, Variable Frequency Drive.	1
	Irrigation Lateral Line: PVC Class 200 SDR 21	37,834 l.f.
	Irrigation Mainline: HDPE PE4710 DR 17	10,640 l.f.
	Pipe Sleeve: PVC Class 200 SDR 21	2,487 l.f.

Valve Callout
Valve Number
Valve Flow
Valve Size

MKEC
Wichita, KS • 316.684.9600

PAVING, LANDSCAPE, AND UTILITIES DRAWINGS FOR
STRYKER SPORTS
WICHITA, KANSAS

©2018
MKEC Engineering
All Rights Reserved
www.mkec.com
These drawings and their contents, including, but not limited to, all concepts, designs, & ideas are the exclusive property of MKEC Engineering (MKEC), and may not be used or reproduced in any way without the express consent of MKEC.

ENLARGED IRRIGATION PLAN

PROJECT NO.	1701010567
DATE	05-02-18
SCALE	1"=30'

DESIGNED	DRAWN	CHECKED
JLE	JLE	DHC

NO.	REVISION	DATE
0	ISSUED FOR CONST.	05-02-18

DLR Group