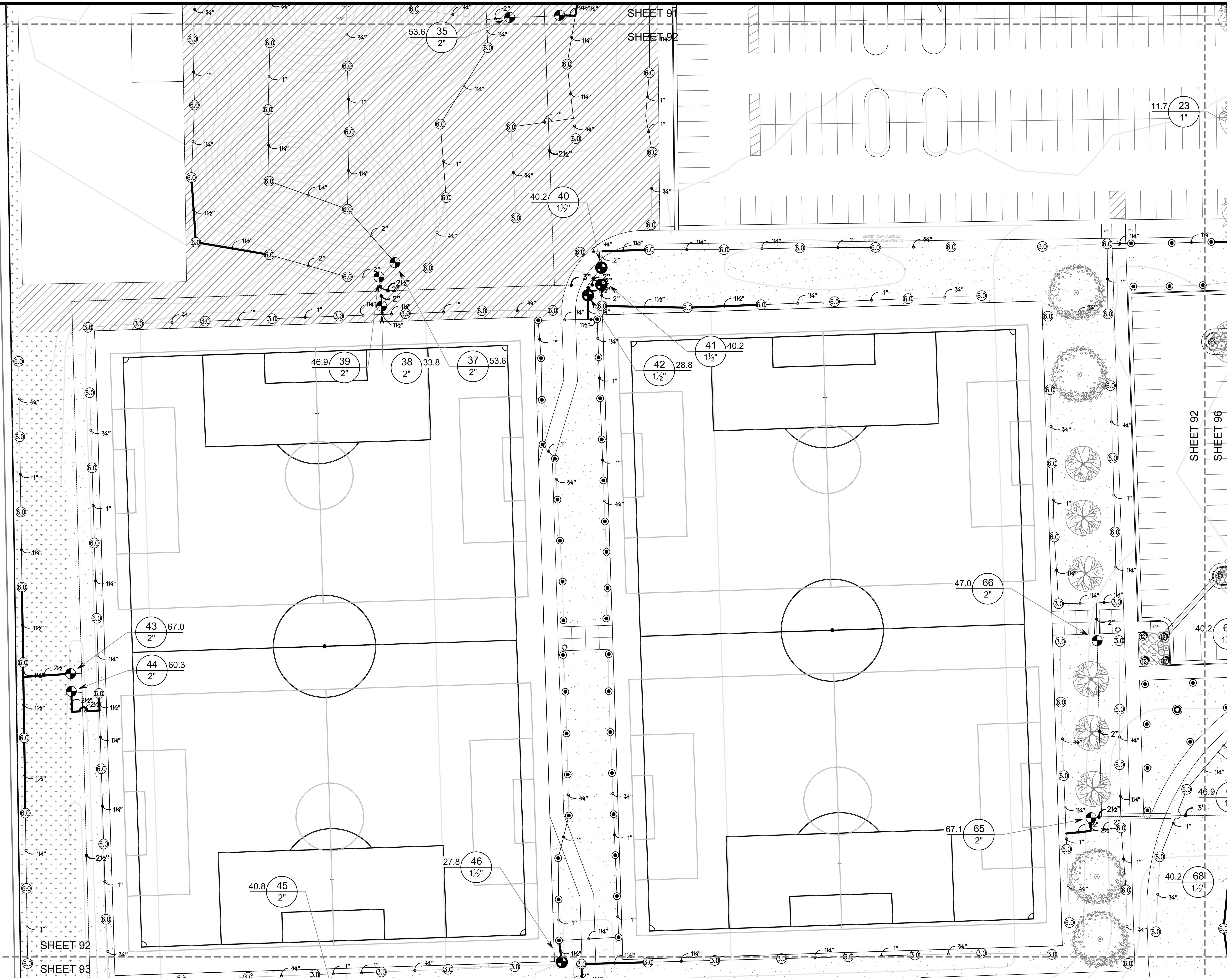

ENLARGED IRRIGATION PLAN

0 25 50 75
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
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PAVING, LANDSCAPE, AND UTILITIES DRAWINGS FOR
STRYKER SPORTS
WICHITA, KANSAS

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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