

MLK PARK IMPROVEMENTS

IRRIGATION AND RESTROOM BUILDING

PREPARED FOR:
SPRINGFIELD, TENNESSEE



LOBE & ASSOCIATES, INC
1314 5th Avenue North, Suite 200
Nashville, Tennessee 37208
(615) 242-0040

220 West Cogan Street, Suite 100
Lawrenceville, Georgia 30046
(770) 338-0017

www.lobeassoc.com

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OWNER/DEVELOPER

CITY OF SRINGFIELD
401 NORTH MAIN STREET
SPRINGFIELD, TENNESSEE 37172
(615) 382-1655



DESIGNER

LOSE & ASSOCIATES, INC
LANDSCAPE ARCHITECTURE/ARCHITECTURE/CIVIL
ENGINEERING/PLANNING

1314 5TH AVENUE NORTH, SUITE 200
NASHVILLE, TENNESSEE 37208
PHONE: 615-242-0040
CONTACT: LEE DAVIDSON

UTILITIES

SPRINGFIELD WATER & WASTE WATER DEPARTMENT
924 CENTRAL AVENUE WEST
SPRINGFIELD, TENNESSEE 37172
(615) 384-1600

SPRINGFIELD ELECTRIC DEPARTMENT
1000 CENTRAL AVENUE
SPRINGFIELD, TENNESSEE 37172
(615) 384-6770

LOCATION MAP



MLK PARK IMPROVEMENTS
IRRIGATION AND RESTROOM BUILDING

PREPARED FOR:
CITY OF SPRINGFIELD PARKS DEPARTMENT

SPRINGFIELD
TENNESSEE

REVISIONS		
NO.	DATE	COMMENTS

SHEET TITLE

COVER SHEET

PROJECT NO. 15104	DATE 2/24/16
DRAWN BY LD	SCALE NOT TO SCALE
CHECKED BY LD	
SHEET NUMBER	

C0.00



0 West Crogan Street, Suite 100
Lawrenceville, Georgia 30046

(770) 338-0017
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MARTIN LUTHER KING PARK
CITY OF SPRINGFIELD

PARKS DEPARTMENT

SPRINGFIELD

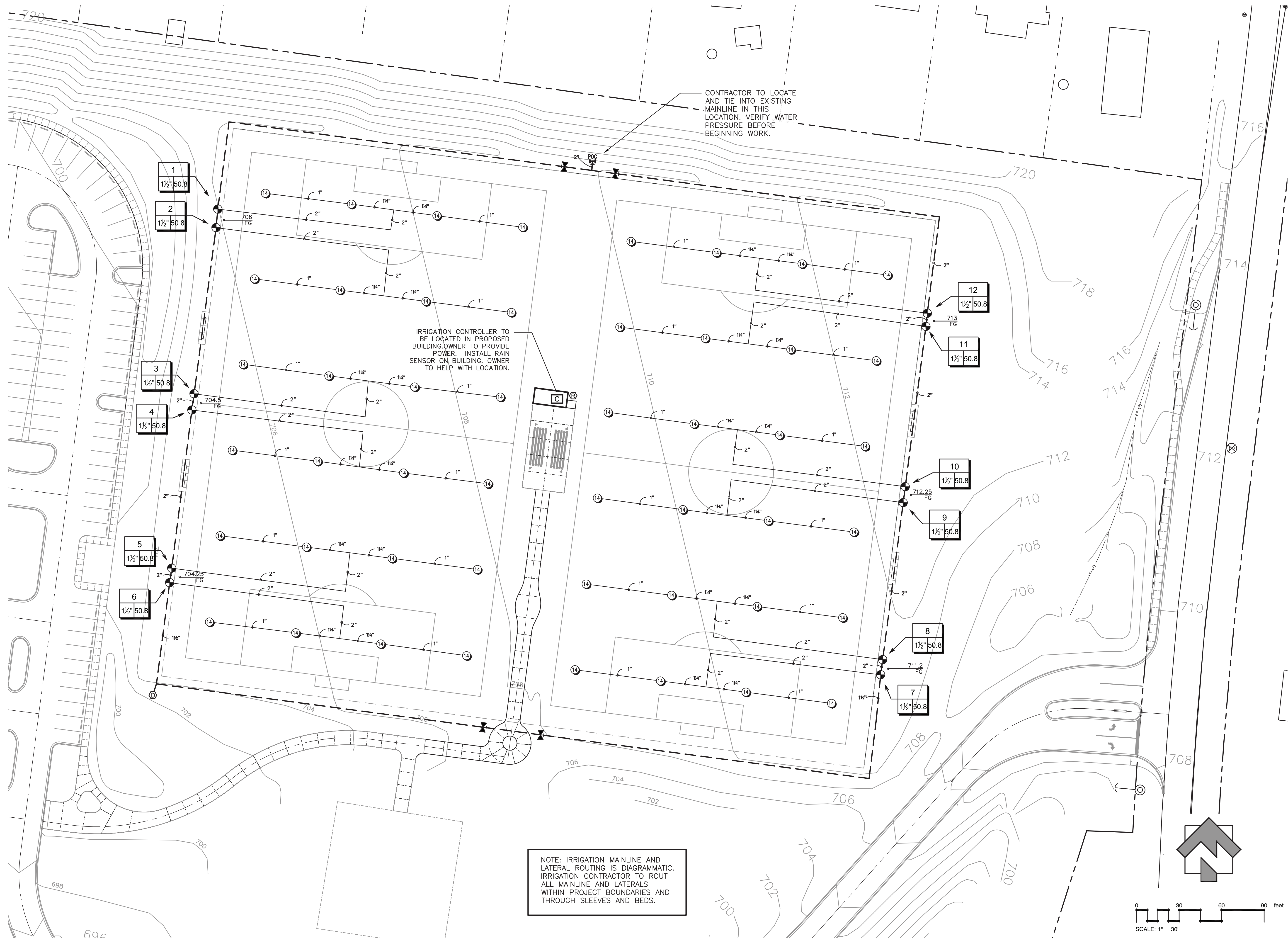
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SHEET TITLE

IRRIGATION PLAN

PROJECT NO. 15104	DATE 10/13/15
DRAWN BY JWS	SCALE 1"=30'-0"
CHECKED BY CLC	
SHEET NUMBER	

L2.00



NUMBER	RAIN	BIRD	PEB	TURF	ROTOR	PRECIP	SUN	MON	TUE	WED	THU	FRI	SAT	IN./WEEK	MIN./WEEK	GAL./WEEK	GAL./DAY
1						0.33 in/h		77 min		77 min		77 min		1.25	229	11,633	3,878
2						0.33 in/h		77 min		77 min		77 min		1.25	229	11,633	3,878
3						0.34 in/h		73 min		73 min		73 min		1.25	218	11,074	3,691
4						0.35 in/h		73 min		73 min		73 min		1.25	218	11,074	3,691
5						0.33 in/h		77 min		77 min		77 min		1.25	230	11,684	3,895
6						0.33 in/h		77 min		77 min		77 min		1.25	230	11,684	3,895
7						0.33 in/h		76 min		76 min		76 min		1.25	228	11,582	3,861
8						0.33 in/h		77 min		77 min		77 min		1.25	230	11,684	3,895
9						0.35 in/h		73 min		73 min		73 min		1.25	217	11,024	3,675
10						0.35 in/h		73 min		73 min		73 min		1.25	217	11,024	3,675
11						0.33 in/h		77 min		77 min		77 min		1.25	229	11,633	3,878
12						0.33 in/h		76 min		76 min		76 min		1.25	228	11,582	3,861
						TOTALS:		906		906		906			2,703	137,312	45,771

NUMBER	MODEL	SIZE	TYPE	WIRE	PSI	PSI @ PQC	GPM	PRECIP
1	RAIN BIRD PEB	1-1/2"	TURF ROTOR	483.7	58.06	65.26	50.80	0.33 in/h
2	RAIN BIRD PEB	1-1/2"	TURF ROTOR	496.8	58.36	65.65	50.80	0.33 in/h
3	RAIN BIRD PEB	1-1/2"	TURF ROTOR	615.1	58.33	65.57	50.80	0.34 in/h
4	RAIN BIRD PEB	1-1/2"	TURF ROTOR	626.7	58.27	65.55	50.80	0.35 in/h
5	RAIN BIRD PEB	1-1/2"	TURF ROTOR	739.2	58.30	65.73	50.80	0.33 in/h
6	RAIN BIRD PEB	1-1/2"	TURF ROTOR	749.6	58.24	65.68	50.80	0.33 in/h
7	RAIN BIRD PEB	1-1/2"	TURF ROTOR	756.0	58.22	65.96	50.80	0.33 in/h
8	RAIN BIRD PEB	1-1/2"	TURF ROTOR	745.2	58.24	68.83	50.80	0.33 in/h
9	RAIN BIRD PEB	1-1/2"	TURF ROTOR	633.8	58.30	67.90	50.80	0.35 in/h
10	RAIN BIRD PEB	1-1/2"	TURF ROTOR	622.1	58.29	67.74	50.80	0.35 in/h
11	RAIN BIRD PEB	1-1/2"	TURF ROTOR	508.0	58.30	66.82	50.80	0.33 in/h
12	RAIN BIRD PEB	1-1/2"	TURF ROTOR	498.6	58.18	66.61	50.80	0.33 in/h
	Common Wire			1,828				



7 IRRIGATION SLEEVING DETAIL
N.T.S.



L2.11