

IRRIGATION ZONE CHART					
CONTROLLER "A"	I.D. LETTER	CONTROL STATION	GPM	VALVE SIZE	ZONE TYPE
	ZONE A1	1	17.2	1.5"	POP-UP SPRAY HEAD
	ZONE A2	2	15.9	1.5"	POP-UP SPRAY HEAD
	ZONE A3	3	40.0	1.5"	ROTOR
	ZONE A4	4	24.7	1.5"	POP-UP SPRAY HEAD
	ZONE A5	2	28.8	1.5"	ROTOR
	ZONE A6	3	30.5	1.5"	POP-UP SPRAY HEAD
	ZONE A7	4	25.0	1.5"	POP-UP SPRAY HEAD
	TOTAL	7	182.1		

IRRIGATION SYSTEM DESIGNED WITH 40 GPM MAX VOLUME FLOW.
 ROTOR ZONES HAVE BEEN DESIGNED WITH 35 PSI MINIMUM OPERATING PRESSURE.
 SPRAY HEAD ZONES HAVE BEEN DESIGNED WITH 30 PSI OPERATING PRESSURE.

IRRIGATION MATERIALS LEGEND

Irrigation Heads Table	
Symbol	Sprinkler Heads
⊙	RAINBIRD 1800 SERIES-MPR 8 series-30 Deg trajectory 90
⊙	RAINBIRD 1800 SERIES-MPR 8 series-30 Deg trajectory 180
⊙	RAINBIRD 1800 SERIES-MPR 15 series-30 Deg trajectory 90
⊙	RAINBIRD 1800 SERIES-MPR 15 series-30 Deg trajectory 180
⊙	RAINBIRD 1800 SERIES-MPR 15 series-30 Deg trajectory 360
⊙	RAINBIRD 5000 SERIES 4" POP-UP Full Circle Rain Curtain Nozzle
⊙	RAINBIRD 5000 SERIES 4" POP-UP Part Circle Rain Curtain Nozzle
⊙	RAINBIRD 5000 SERIES 4" POP-UP Part Circle Rain Curtain Nozzle

Irrigation Equipment Table	
Symbol	Equipment
⊙	Zone Valve
⊙	Non-Potable Quick-Coupling Valve
Z	Reduced Pressure Zone Backflow Prevention Device in Enclosure
A	Irrigation Controller in Lockable Cabinet

FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	TE-0254-01	2005	14	21
FED. AID NO.					

PRINTS ISSUED		
DATE	ITEM	NO.
1/10/05	FIELD CHECK SET	
6/13/05	OFFICE CHECK SET	
9/29/05	REVISED OFFICE CHECK	
11/29/05	FINAL PLANS	
1/22/07	FOR CONSTRUCTION	



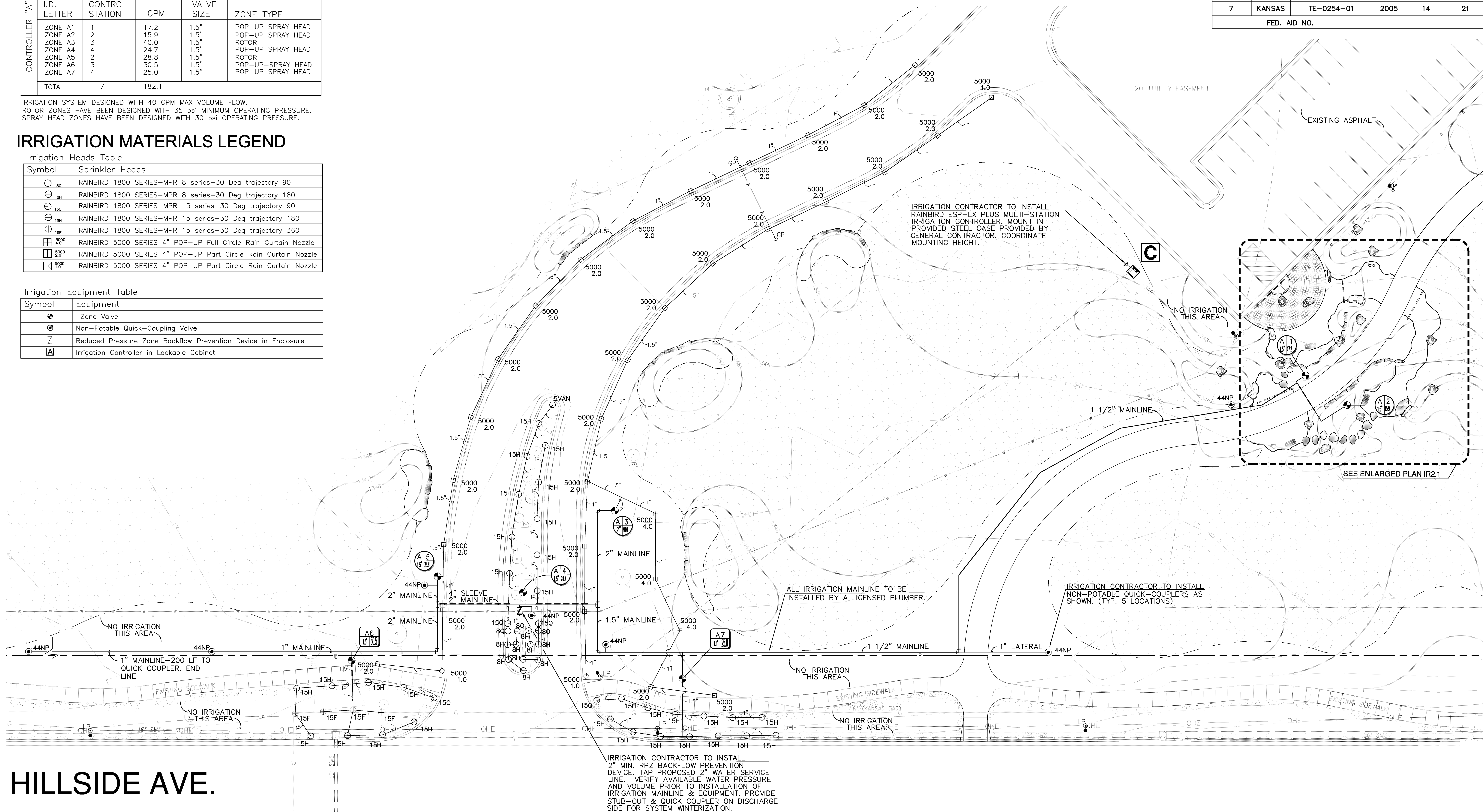
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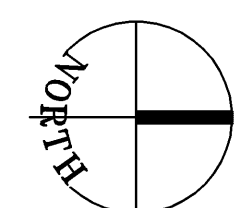
K-96 TRAILHEAD LANDSCAPE PROJECT
 WICHITA, KANSAS
 GROVE PARK

PROJECT NUMBER	044150
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IRRIGATION PLAN	
SHEET TITLE	IRRIGATION PLAN
SHEET NUMBER	IR1.1
OF	3 SHEETS



HILLSIDE AVE.



SITE IRRIGATION PLAN
 SCALE: 1" = 20'-0"