STATE	KDOT PROJECT NUMBER	YEAR	SHEET NUMBER	TOTAL SHEETS
KANSAS	54-87 K-8258-01	2007	317	556
			LS-12	

Valve Notes Key

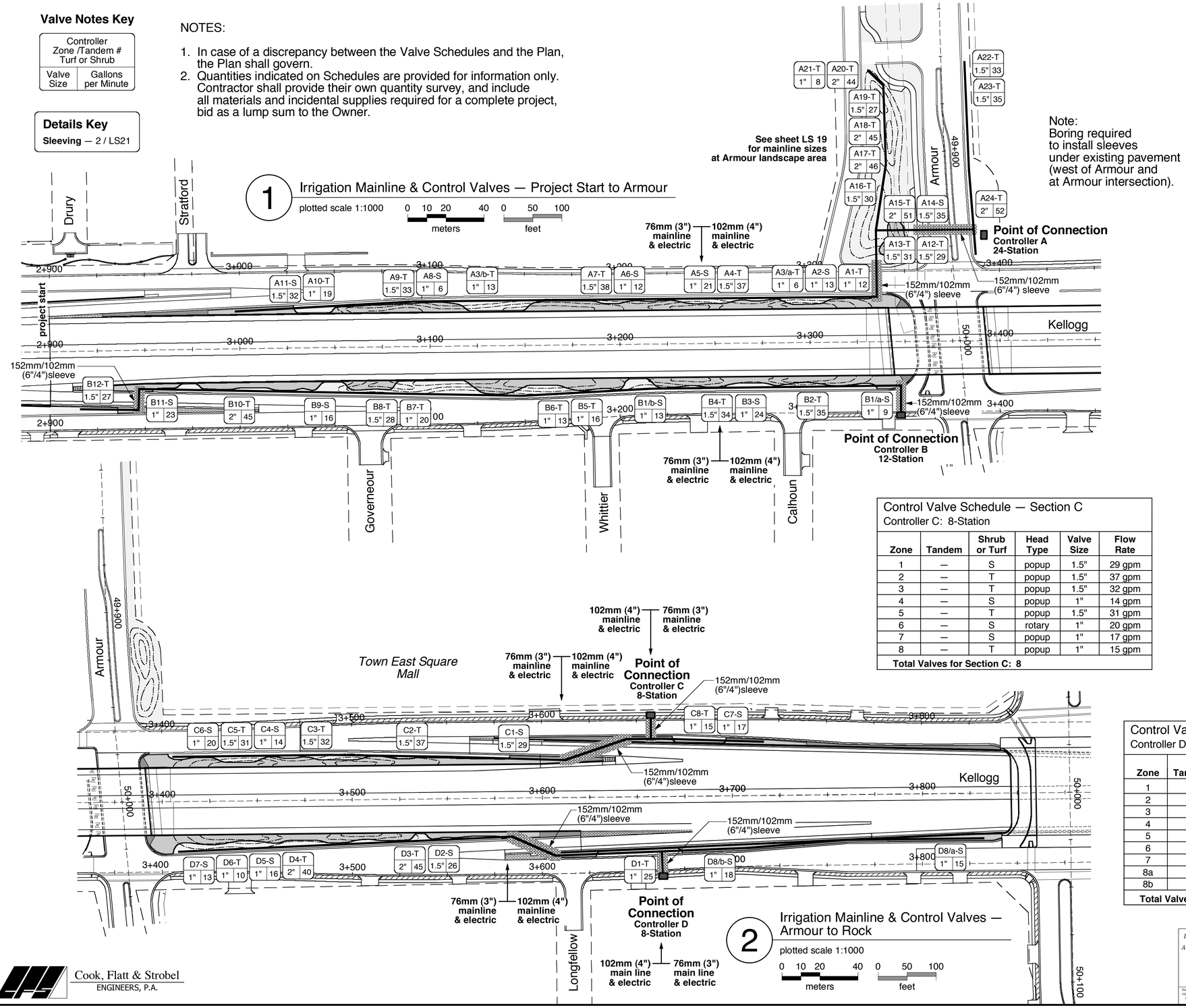
Controller Zone /Tandem # Turf or Shrub	
Valve Size	Gallons per Minute

Details Key

Sleeving — 2 / LS21

NOTES:

1. In case of a discrepancy between the Valve Schedules and the Plan, the Plan shall govern.
2. Quantities indicated on Schedules are provided for information only. Contractor shall provide their own quantity survey, and include all materials and incidental supplies required for a complete project, bid as a lump sum to the Owner.



Control Valve Schedule — Section A
Controller A: 24-Station

Zone	Tandem	Shrub or Turf	Head Type	Valve Size	Flow Rate
1	—	T	popup	1"	12 gpm
2	—	S	rotary	1"	13 gpm
3a	1	T	rotary	1"	6 gpm
3b	1	T	rotary	1"	13 gpm
4	—	T	popup	1.5"	37 gpm
5	—	S	popup	1"	21 gpm
6	—	S	rotary	1"	12 gpm
7	—	T	popup	1.5"	38 gpm
8	—	S	rotary	1"	6 gpm
9	—	T	popup	1.5"	33 gpm
10	—	T	popup	1"	19 gpm
11	—	S	popup	1.5"	32 gpm
12	—	T	popup	1.5"	29 gpm
13	—	T	rotary	1.5"	31 gpm
14	—	S	popup	1.5"	35 gpm
15	—	T	rotor	2"	51 gpm
16	—	T	popup	1.5"	30 gpm
17	—	T	rotor	2"	46 gpm
18	—	T	rotor	2"	45 gpm
19	—	T	popup	1.5"	27 gpm
20	—	T	rotary	2"	44 gpm
21	—	T	popup	1"	8 gpm
22	—	T	popup	1.5"	33 gpm
23	—	T	popup	1.5"	35 gpm
24	—	T	rotor	2"	52 gpm
Total Valves for Section A: 25					*(1 Tandem Pair)*

Control Valve Schedule — Section B
Controller B: 12-Station

Zone	Tandem	Shrub or Turf	Head Type	Valve Size	Flow Rate
1a	1	S	rotary	1"	9 gpm
1b	1	S	rotary	1"	13 gpm
2	—	T	popup	1.5"	35 gpm
3	—	S	popup	1"	24 gpm
4	—	T	popup	1.5"	34 gpm
5	—	T	popup	1"	16 gpm
6	—	T	rotary	1"	13 gpm
7	—	T	rotary	1"	20 gpm
8	—	T	popup	1.5"	28 gpm
9	—	S	rotary	1"	16 gpm
10	—	T	popup	2"	45 gpm
11	—	S	popup	1"	23 gpm
12	—	T	popup	1.5"	27 gpm
Total Valves for Section B: 13					*(1 Tandem Pair)*

Control Valve Schedule — Section C
Controller C: 8-Station

Zone	Tandem	Shrub or Turf	Head Type	Valve Size	Flow Rate
1	—	S	popup	1.5"	29 gpm
2	—	T	popup	1.5"	37 gpm
3	—	T	popup	1.5"	32 gpm
4	—	S	popup	1"	14 gpm
5	—	T	popup	1.5"	31 gpm
6	—	S	rotary	1"	20 gpm
7	—	S	popup	1"	17 gpm
8	—	T	popup	1"	15 gpm
Total Valves for Section C: 8					

Control Valve Schedule — Section D
Controller D: 8-Station

Zone	Tandem	Shrub or Turf	Head Type	Valve Size	Flow Rate
1	—	T	popup	1"	25 gpm
2	—	S	popup	1.5"	26 gpm
3	—	T	popup	2"	45 gpm
4	—	T	popup	2"	40 gpm
5	—	S	popup	1"	16 gpm
6	—	T	rotary	1"	10 gpm
7	—	S	rotary	1"	13 gpm
8a	1	S	popup	1"	15 gpm
8b	1	S	popup	1"	18 gpm
Total Valves for Section D: 9					*(1 Tandem Pair)*

DATE	10/06/06
CHECKED BY	DWF

Cook, Flatt & Strobel
ENGINEERS, P.A.

Drawn by: DJF
File: 03001 kellogg/rock
Plotted: 100606
SCALE 1:1000

LANDSCAPE ARCHITECTS PLANNERS
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KANSAS DEPARTMENT OF TRANSPORTATION

IRRIGATION DIAGRAM
EAST KELLOGG
MAINLINE & CONTROL VALVES — 1