

IRRIGATION SCHEDULE: Equipment Schedule:

SYM.	SIZE	DESCRIPTION/REMARKS
△	16 sta.	RAINBIRD ESP-MC 16 sta. Auto Controller (Base bid) w/Aquamiser and Rain Check. Hardwire controller.
∇	2.00"	WATTS No. 909 Reduced Pressure Zone Backflow Preventer w/air cap & funnel attachment for indoor installation.
M	2.00"	BERMAD 910D Master Remote Electric Master Control and metering Valve.
⊕	1.00" 1.50"	RAINBIRD PEB Plastic Control Valve assembly (globe configuration)
⊙	.75"	RAINBIRD 44NP Quick Coupling Valve w/RB Quick Coupling Valve Key.
⊕	1.00"	WATTS NO. WBV 2-piece Standard Port Brass Valve (manual drains)
∇	2.00"	WATTS No. 725T Brass Ball Valve, standard port threaded end (mainline isolation valves)
⊙	4.00"	RAINBIRD 1800 Pop-Up Spray w/MPR - Arc nozzle in arc/radius as indicated per Drawing (sodded turf areas).
⊙	4.00"	HUNTER PGM Series Rotor Pop-Up Sprinkler Nozzles per Radius as indicated on Drawings.
⊙		RAINBIRD Rain Check w/hinged mounting bracket. To override programs at 1/4 inch rainfall.
⊙		RAINBIRD Xer-Bug Drip Emitter (Match with plants water requirement)

○	VALVE NO.	○	SLEEVE SIZE
○	EST. GPM	○	SLEEVE DEPTH
○	VALVE SIZE		

---	2.00"	Class 200 PVC Mainline (BOE, NSF rated) (solvent weld only)
---	1.00"-2.00"	Class 200 PVC Lateral Pipe (BOE, NSF rated; solvent weld only) XERI-TUB 700
---	.75"	
---	2.00"-4.00"	Class 200 PVC Sleeve

Statement of Compliance:

THIS IRRIGATION SYSTEM PLAN WAS PREPARED BY WILLIAM F. GUMAN, ASLA (CO #391719 - Full Member), IN ACCORDANCE WITH THE CITY OF COLORADO SPRINGS LANDSCAPE ORDINANCE REQUIREMENTS.

A- Precipitation Rate is average precipitation for this zone expressed in inches per hour.

B- Run Time (i.e. R.T.) is the required operating time needed to apply .85 inches of water per week for fescue turfstands and 0.75 inches per week for native turfstands.

C- Drawing is diagrammatic; precise placement of equipment may not be possible as indicated. Field changes which do not alter design intent may be performed by installer.

D- Quantities which can be determined graphically from the drawings prevail over scheduled implied quantities.

E- Installer is responsible for scheduling work and providing equipment as needed to satisfy requirements of a "phased" installation. Coordinate construction to result in a complete and operable system.

F- Irrigation pumps by others. Pumps are activated by pressure fluctuations

G- Provide locks on valve boxes to prevent vandalism.

H- Seed zones may be permanently shut off after germination is fully developed.

I- Run Times are for a four (4) day watering schedule. For a seven (7) day watering schedule cut times in half.

J- Seasonal application rates are as follows: Spring 70%, Summer 100%, Fall 60%

Valve Schedule:

No.	GPM	Precip.	Zone	Size	R.T.	Zone Type
D1	1.76	n/a	1	1.00"	30.00 min.	Drip / Emitter
2	10.18	0.46	2	1.50"	24.00 min.	Gear Drive / Seed
3	13.00	1.51	3	1.50"	13.00 min.	Pop-Up / Sod
4	17.30	1.73	4	1.50"	9.00 min.	Gear Drive / Seed
D5	2.58	n/a	5	1.00"	30.00 min.	Drip / Emitter
D6	4.00	n/a	6	1.00"	30.00 min.	Drip / Emitter
7	19.74	1.58	7	1.50"	8.00 min.	Pop-Up Spray / Sod
8	5.93	0.46	8	1.00"	24.00 min.	Gear Drive / Seed
9	3.82	0.51	9	1.00"	22.00 min.	Gear Drive / Seed
10	16.97	0.46	10	1.50"	24.00 min.	Gear Drive / Seed
D11	3.50	n/a	11	1.00"	30.00 min.	Drip / Emitter
12	10.84	1.74	12	1.00"	8.00 min.	Pop-Up Spray / Sod
D13	4.00	n/a	13	1.00"	30.00 min.	Drip / Emitter
D14	2.12	n/a	14	1.00"	30.00 min.	Drip / Emitter
15	22.10	0.50	15	1.50"	40.00 min.	Gear Drive / Sod
16	4.25	0.40	16	1.50"	50.00 min.	Gear Drive / Sod

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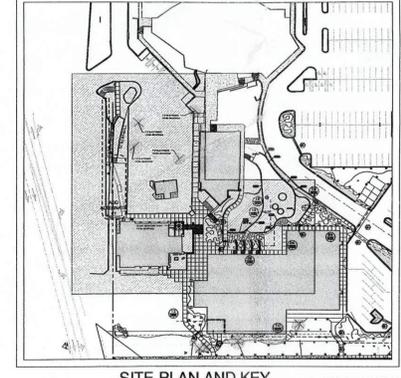
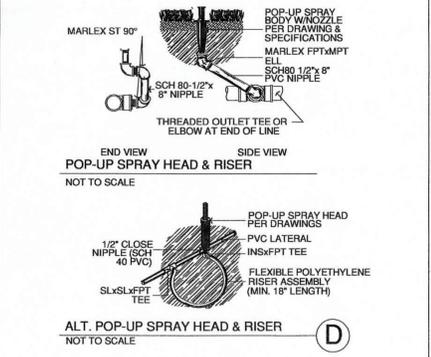
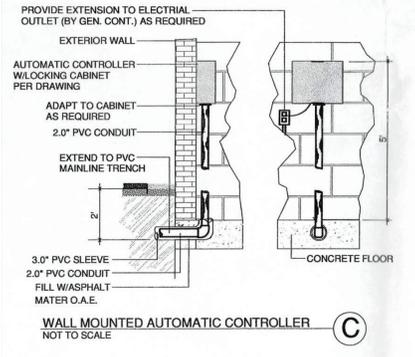
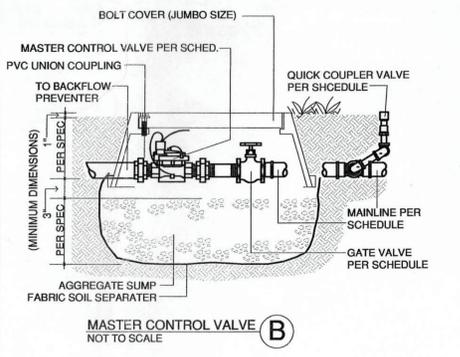
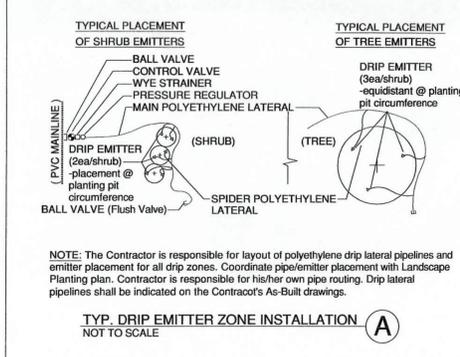
IRRIGATION PLAN-MINOR AMENDMENT



MARK	REVISION	DATE
1	PLAZA SPACE	8/16/04

PROJECT NO: 3-03465.00
DRAWN: JRA
CHECKED: WFG
ISSUE DATE: 06-03-04

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APPROVED
CITY OF COLORADO SPRINGS
SEP - 2 2004
BY CITY PLANNING

MINOR AMENDMENT

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WOODMEN VALLEY CHAPEL
MINOR AMENDMENT TO
DEVELOPMENT PLAN
MASTER FACILITIES PLAN

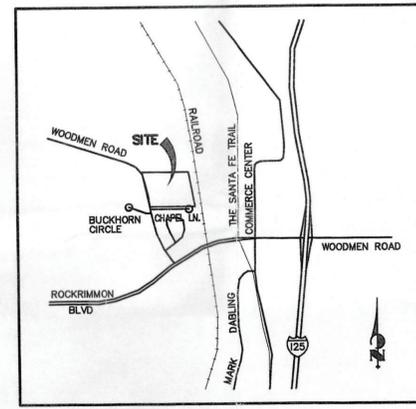
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CITY OF COLORADO SPRINGS, COUNTY OF EL PASO, STATE OF COLORADO

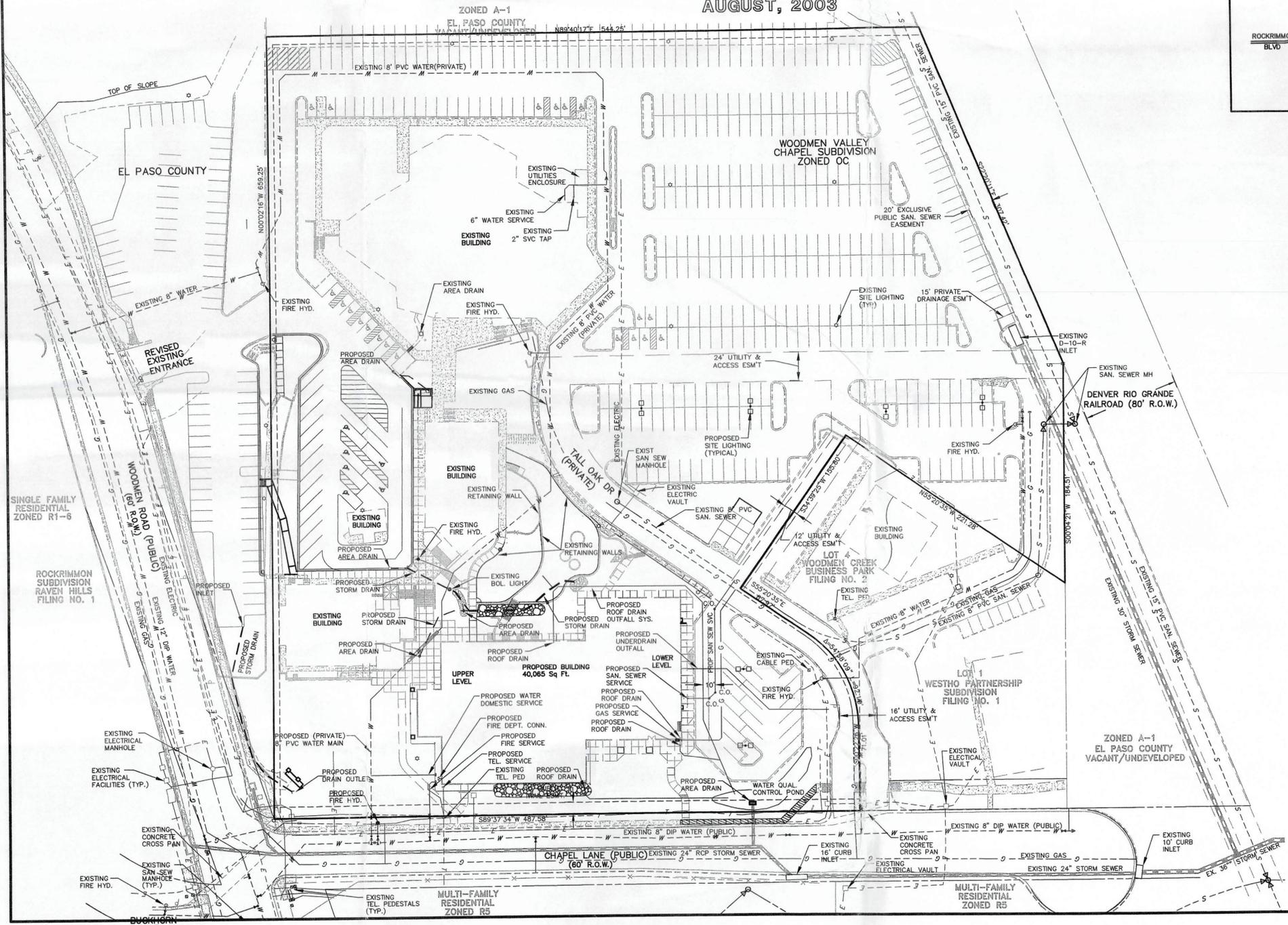
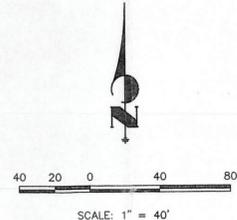
DEVELOPMENT PLAN

MASTER FACILITIES PLAN

AUGUST, 2003



VICINITY MAP
NOT TO SCALE



LEGEND

DESCRIPTION	SYMBOL
EXISTING WATER LINE	—
EXISTING FIRE HYDRANT	—
EXISTING GATE V.L.V.	—
EXISTING GAS LINE	—
EXISTING SANITARY SEWER w/ MANHOLE	—
EXISTING STORM SEWER	—
SANITARY SEWER CLEANOUT	• c.o.
EXISTING SITE LIGHT	○

FIRE HYDRANT DATA

BUILDING TYPE	II N
Sq. FOOTAGE	40,065 sf.
SPRINKLED	YES
FH REQUIRED	4
FIRE FLOW REQ'D	4250 gpm
FLOW DURATION	4 hrs.
FH SPACING	350 ft.
HOSE LAY	210 ft.

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NO.	REVISION	DATE
1	AMENDMENT TO THE DEVELOPMENT PLAN	8/15/04

H-SCALE 1" = 40'
V-SCALE N/A
DATE 7/28/03
DESIGNED BY SKC
DRAWN BY KEM
CHECKED BY

WOODMEN VALLEY CHAPEL
DEVELOPMENT PLAN
MASTER FACILITIES PLAN

SHEET OF
JOB NO. 29063.02

APPROVED
CITY OF COLORADO SPRINGS
SEP - 2 2004

MINOR AMENDMENT BY CITY PLANNING

CITY PLANNING FILE NUMBER

ARDP 03-542 -A1 (cat)

MARK	REVISION	DATE

PROJECT NO: 3-03465.00
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DP-7
OF 9 SHEETS