

## DEVELOPMENT PLAN

CLAPPEE

[illegible]

PROJECT NO: 3-03465.00  
DRAWN: MY, DF, JB  
CHECKED: RQ

DP-1  
OF 5 SHEETS

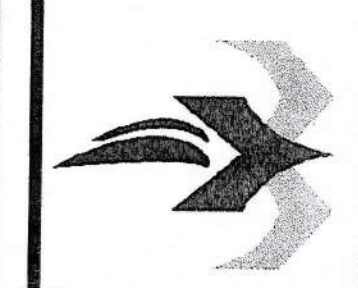
SCALE: 1" = 40'-0"

### VICINITY MAP

2

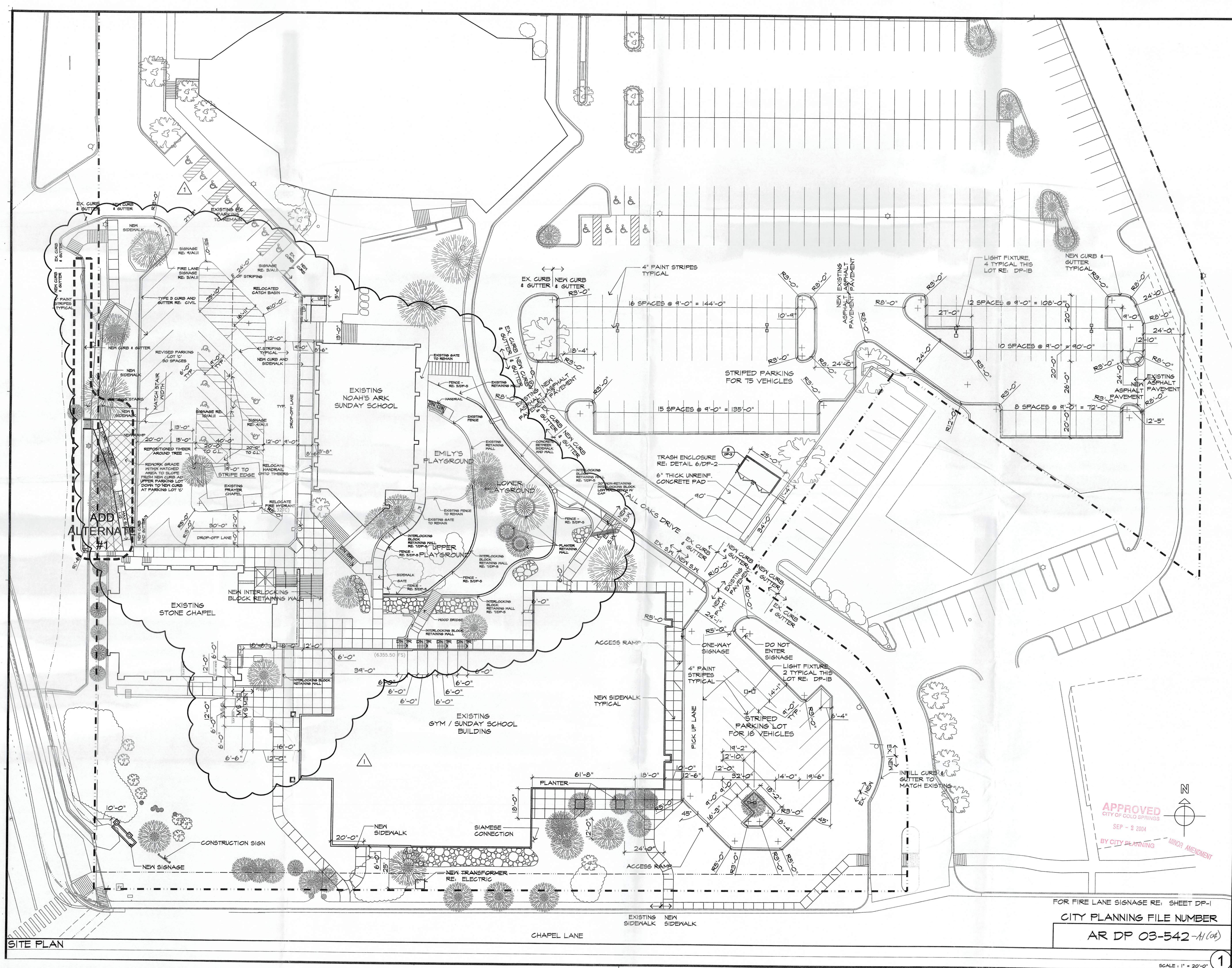


# ENLARGED SITE PLAN

[illegible]

DD-2

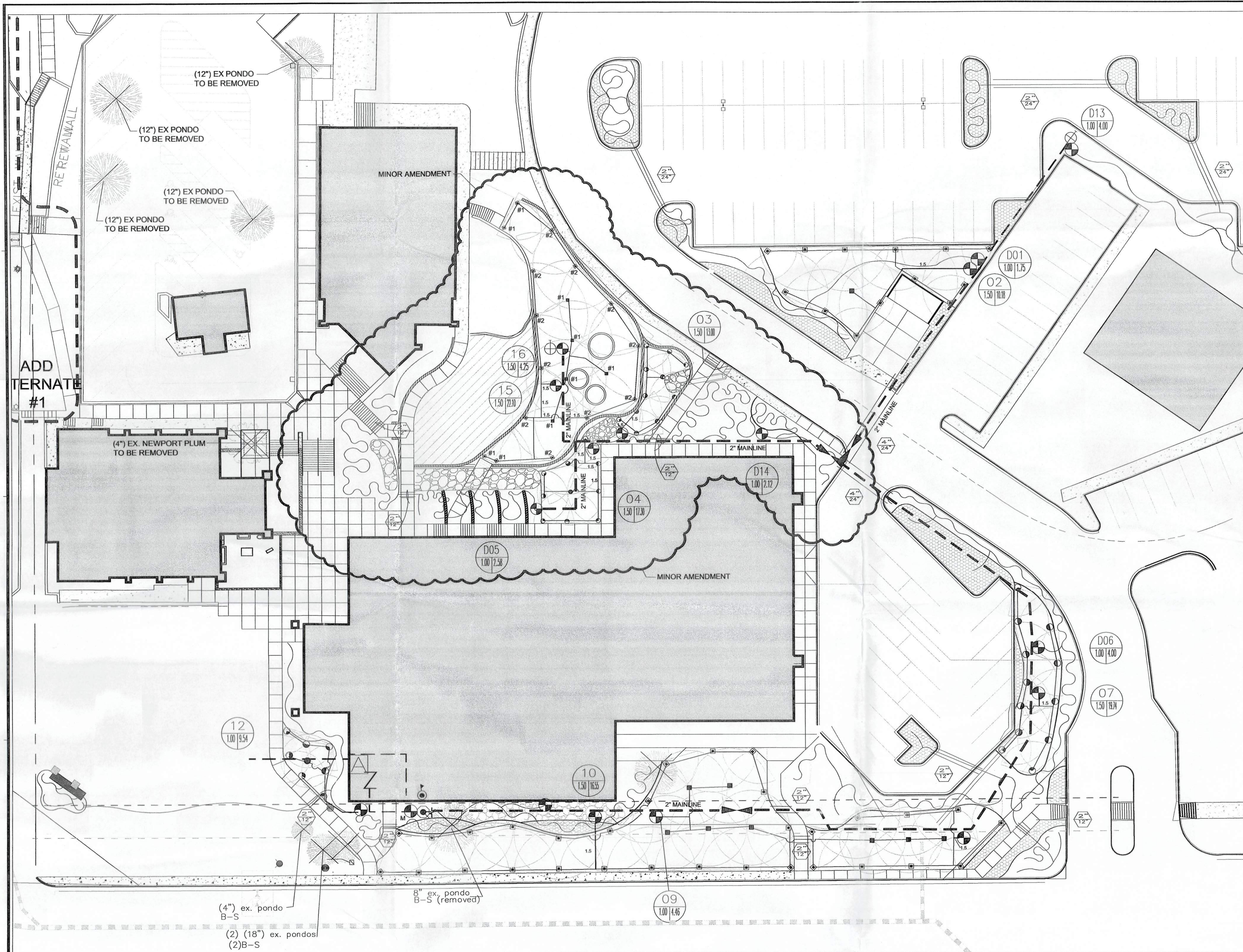
DP-2  
OF 5 SHEETS











## 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.
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 Emitters (Match with plants water requirement)

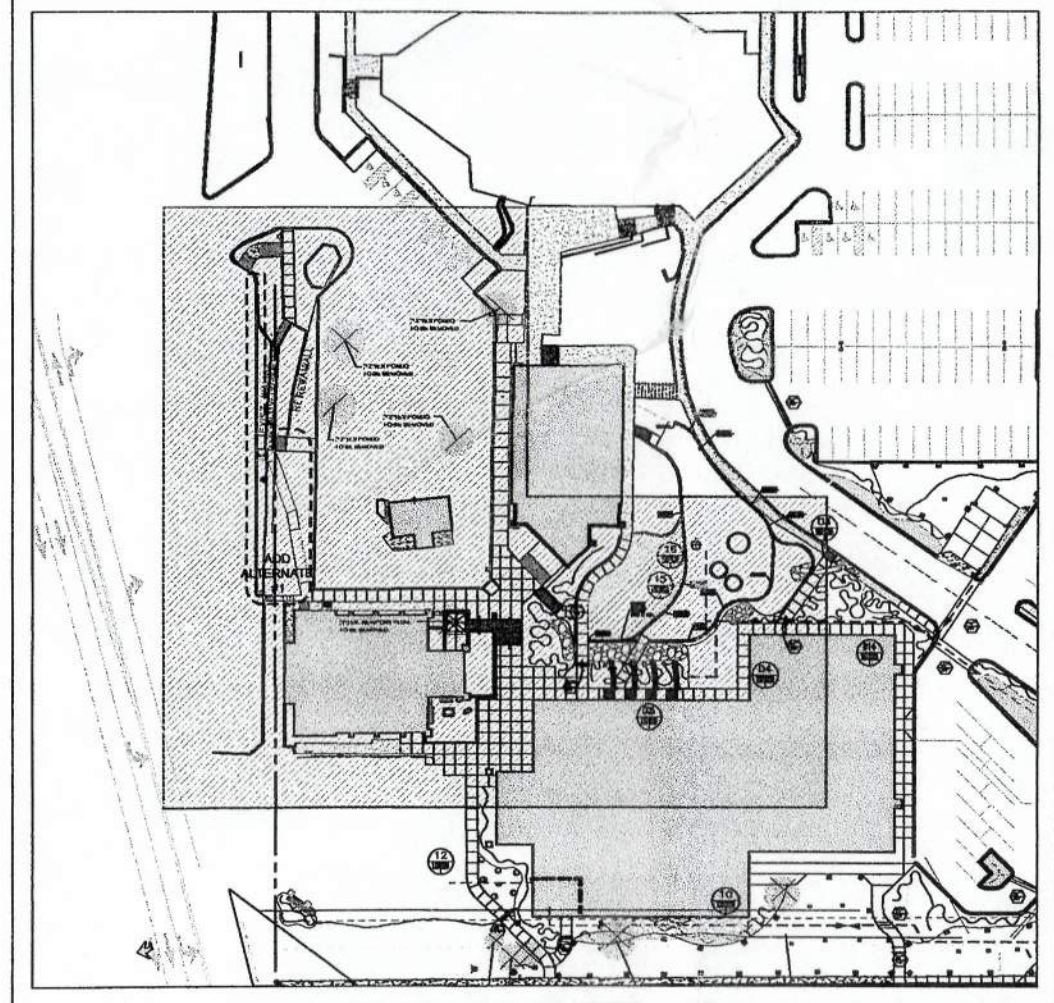
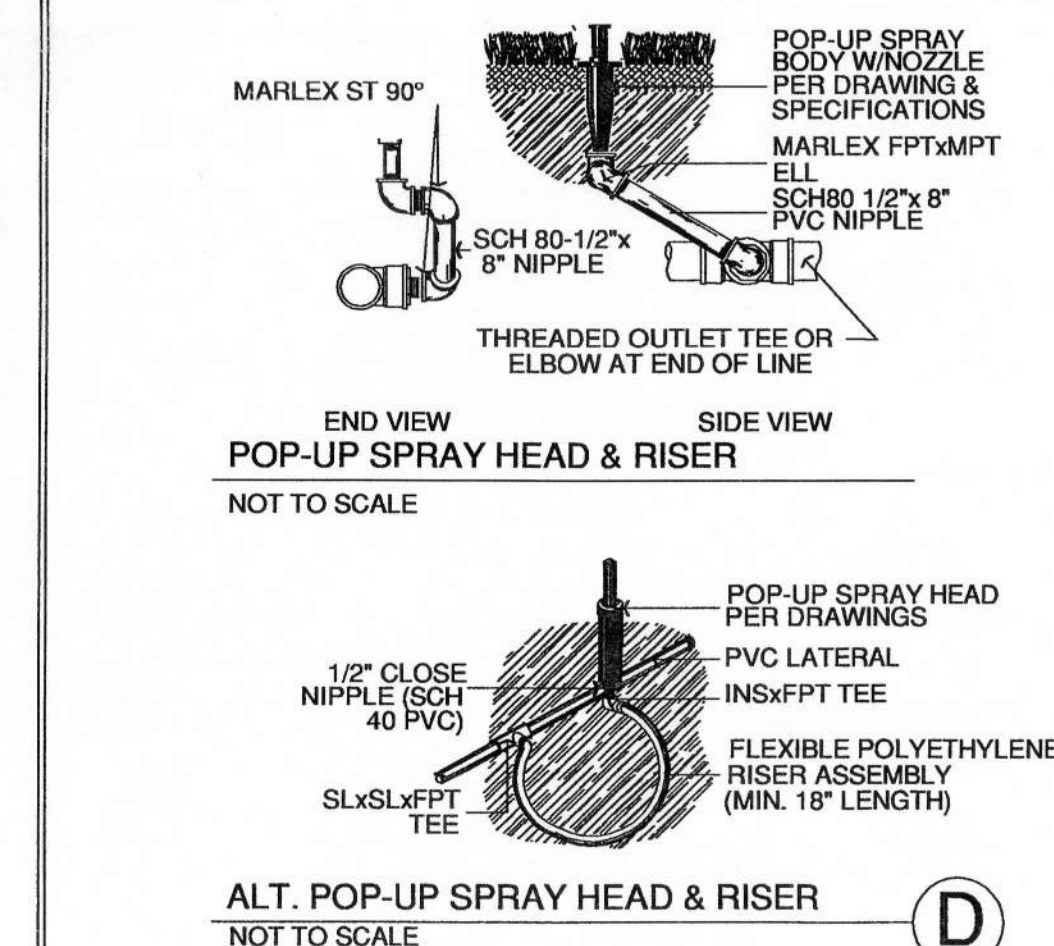
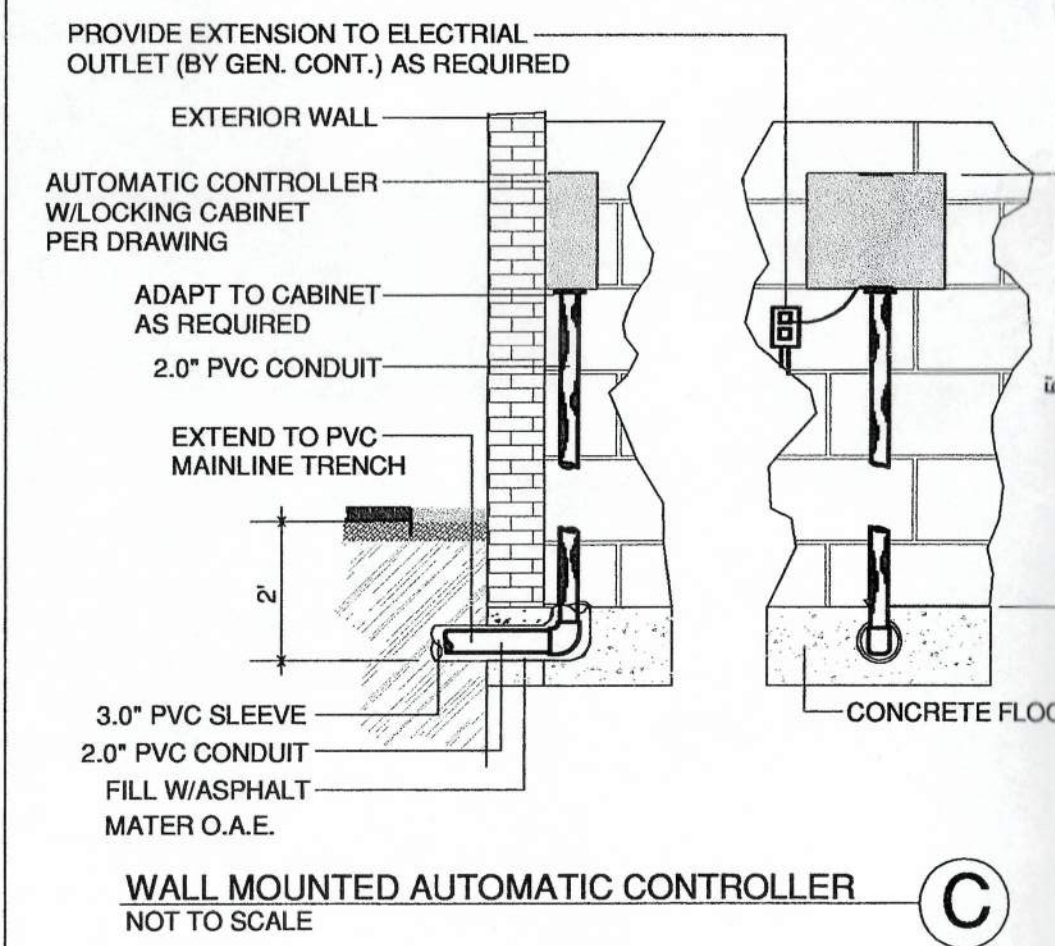
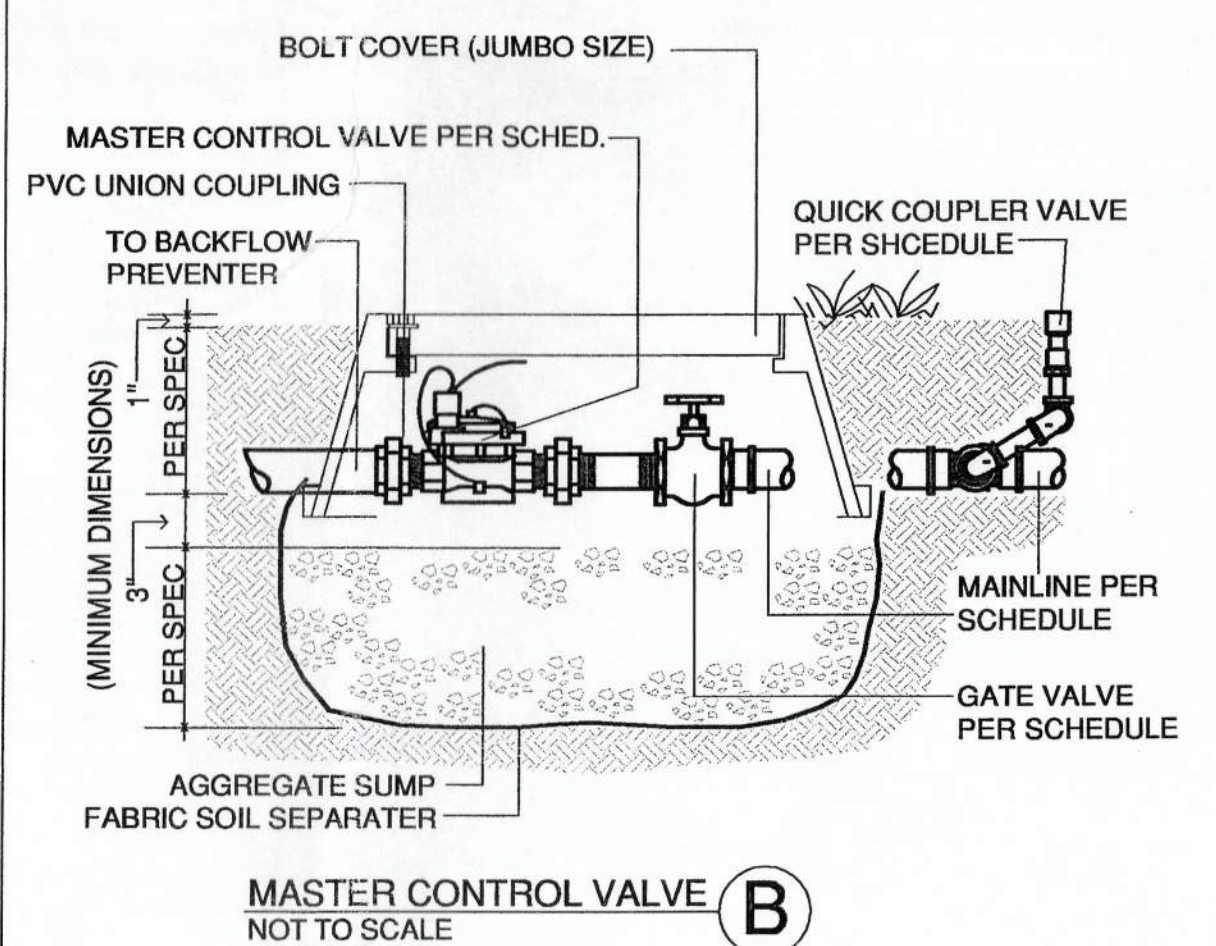
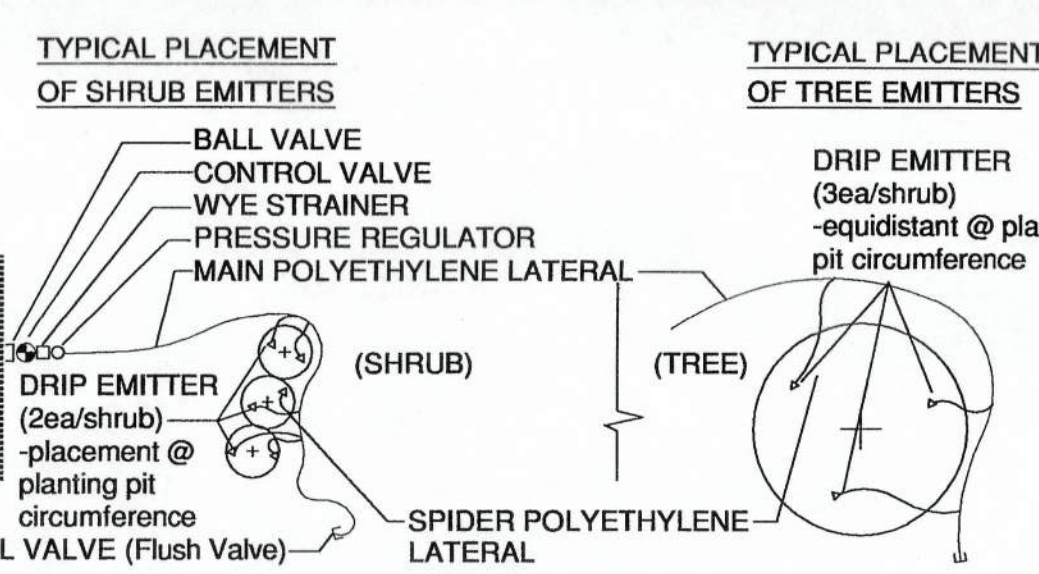
01	VALVE NO.	6"	SLEEVE SIZE
1.50"	EST. GPM	24"	SLEEVE DEPTH
	VALVE SIZE		
---	2.00"	Class 200 PVC Mainline (BOE, NSF rated) (solvent weld only)	
---	1.00" - 2.00"	Class 200 PVC Lateral Pipe (BOE, NSF rated; solvent weld only) XERI-TUB 700	
---	2.00" - 4.00"	Class 200 PVC Sleeve	

### 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



APPROVED  
CITY OF COLORADO SPRINGS  
SEP - 2 2004  
BY CITY PLANNING  
MINOR AMENDMENT  
NORTH

**William Guman & Associates, Ltd.**  
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AND GYMNASIUM BUILDING  
350 Chapel Lane - Colorado Springs, CO - 80919  
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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**DP-4 OF 4**

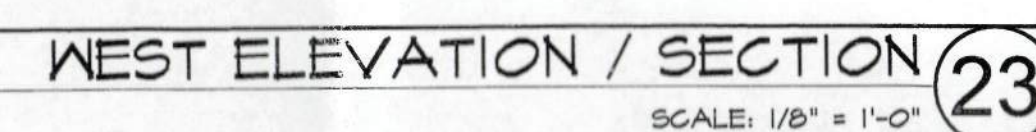
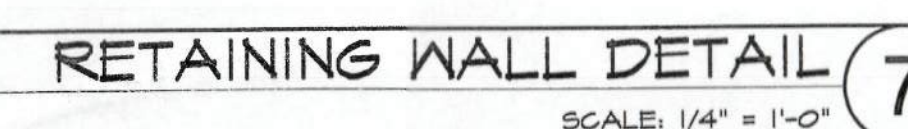


# WOODMEN VALLEY CHAPEL MINOR ADMENDMENT TO DEVELOPMENT PLAN

[illegible]

PROJECT NO:	3-03465.00
DRAWN:	JB
CHECKED:	RQ
ISSUE DATE:	08-13-04

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AR DP 03-542-A1 (04)

EAST ELEVATION







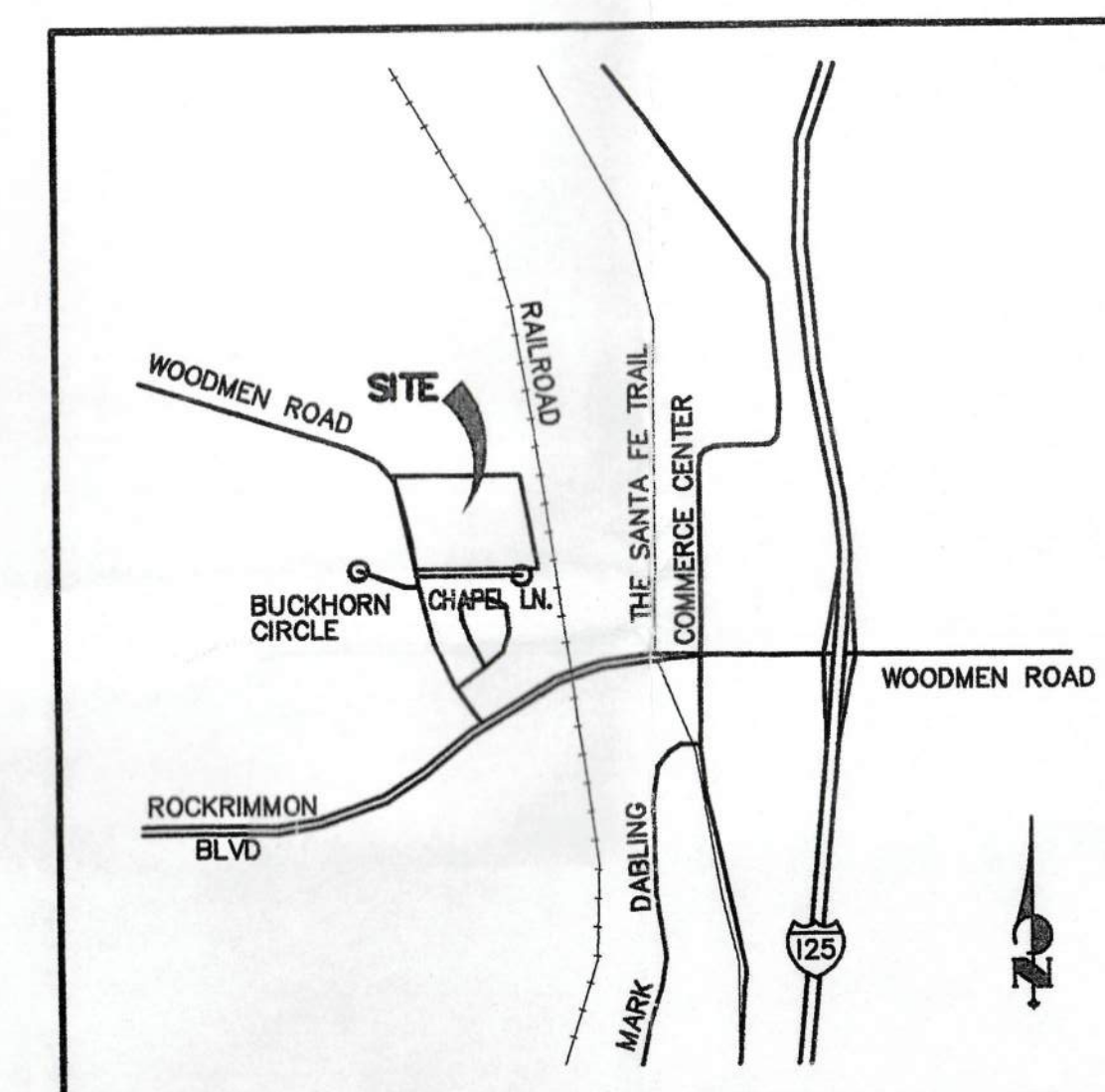
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Colorado 80903  
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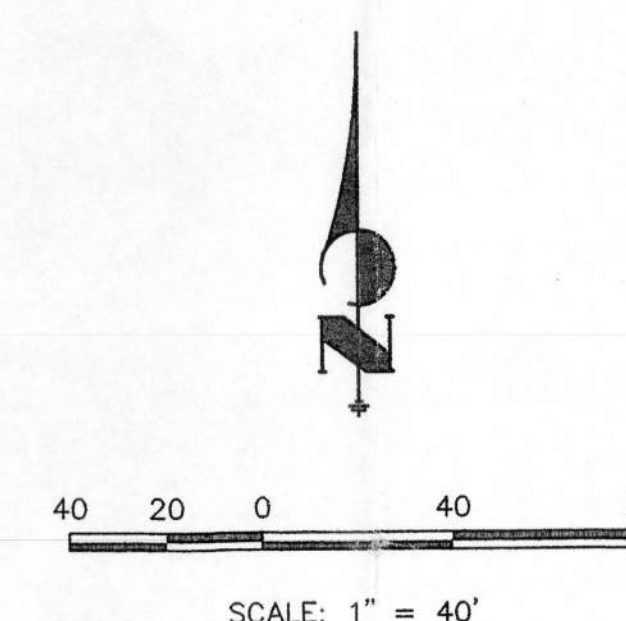
WOODMEN VALLEY CHAPEL  
MINOR AMENDMENT TO  
DEVELOPMENT PLAN  
MASTER FACILITIES PLAN

DP-7  
OF 8 SHEETS

## AUGUST, 2003



VICINITY MAP  
NOT TO SCALE



UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, JR ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

PREPARED FOR  
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LES KROHNFELDT**  
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	H-SCALE	I <sup>m</sup> =40'	No.	REVISION	BY	DATE
	V-SCALE	N/A	1	AMENDMENT TO THE DEVELOPMENT PLAN	SKC	8/16/04
	DATE	7/28/03				
	DESIGNED BY	SKC				
	DRAWN BY	KEM				
	CHECKED BY					

WOODMEN VALLEY CHAPEL	DEVELOPMENT PLAN	MASTED FACILITIES PLAN
SHEET	OF	
JOB NO.	29063.02	

**APPROVED**  
CITY OF GOLD SPRING

SEP - 2 2004

BY CITY PLANNING

FILE NUMBER \_\_\_\_\_

542 -A1 (04)	DP-7 OF 6 SHEETS
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ARDP 03-542 -A1 (04)

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