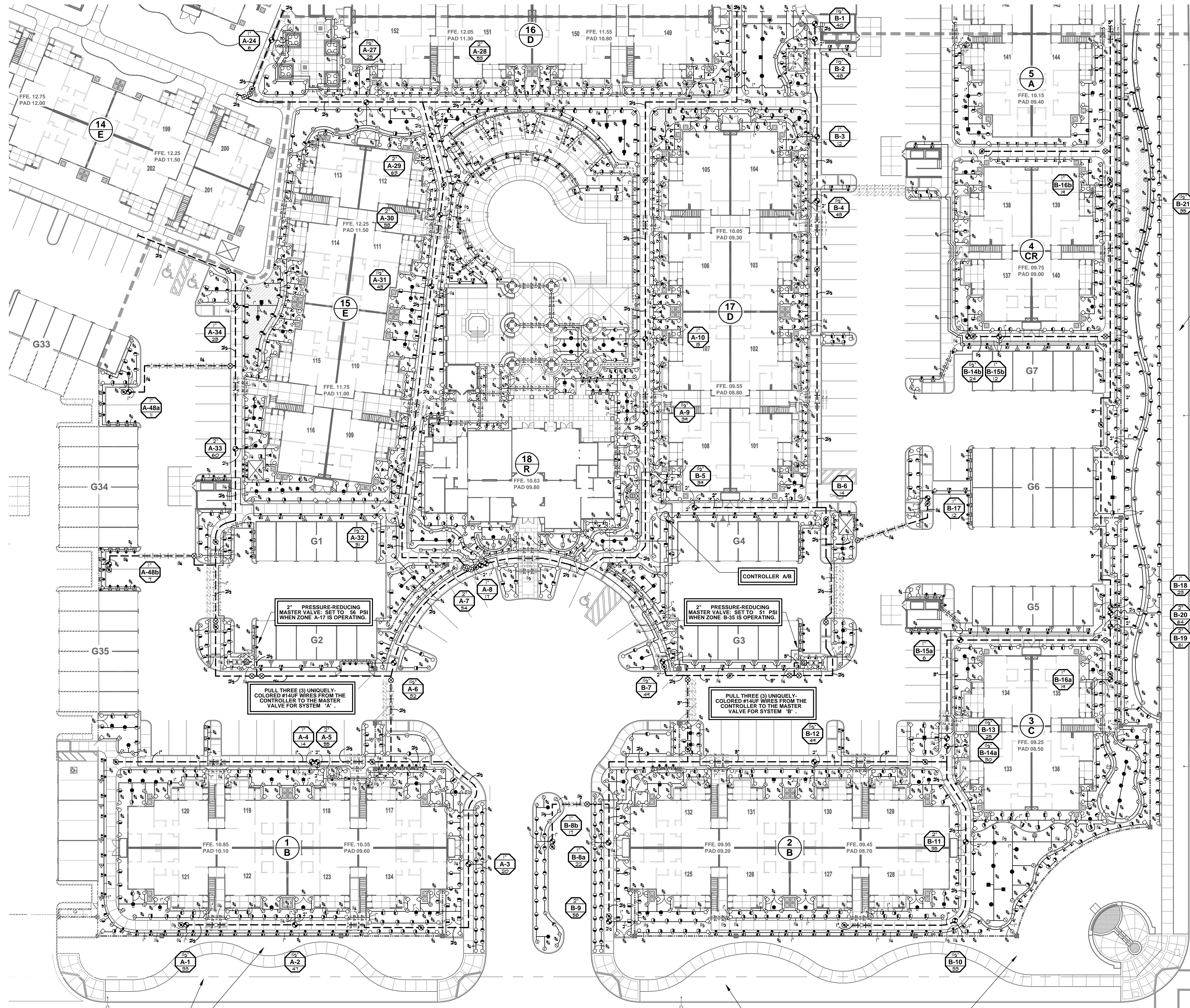


SEE SHEET L-21

SEE SHEET L-22



EXISTING PARKWAY NOT A PART

ELECTRIC SERVICE INFORMATION CONTROLLER REF. NO. A / B
 METER ADDRESS: Power Plus!
 UTILITY COORDINATOR: 508 W. Mission Ave., Suite 101
 Escondido, CA 92025
 (760) 781-3956

WATER SERVICE INFORMATION P.O.C. REF. NO. 'A'
 TYPE OF SOURCE: POTABLE
 SERVICE LINE SIZE: 2" (MASTER METER)
 WATER METER SIZE: 2" (PER STREET and/or WATER IMPROVEMENT PLANS)
 METER ADDRESS:
 METER STATION POINT:
 EXISTING WATER PRESSURE: 91-96 PSI
 MINIMUM OPERATING PRESSURE: 71 PSI
 PEAK IRRIGATION DEMAND: 65 GPM

FRICITION LOSS CALCULATION

WATER METER REF. NO. A	VALVE STATION NO. A-17
SPRINKLER HEAD	30.0
ANTI-DRAIN VALVE (ADV)	3.7
LATERAL LINE & FITTINGS	4.7
CONTROL VALVE	4.7
MIN. RCV/PRV DIFFERENTIAL	13.3
PRESSURE MAIN LINE	13.3
FLOW SENSOR	1.0
REGULATOR VALVE	12.0
BACKFLOW PREVENTER	12.0
STRAINER / FILTER	1.1
WATER METER	1.1
SERVICE LINE	0.7
ELEVATION DIFFERENCE	2.3
CONTINGENCY	3.4
MINIMUM PSI. REQ. D	71.1
(EXISTING PSI.)	(91.0)
RESIDUAL PSI.	19.9

FRICITION LOSS CALCULATION

WATER METER REF. NO. A	VALVE STATION NO. A-21
SPRINKLER HEAD	30.0
ANTI-DRAIN VALVE (ADV)	1.8
LATERAL LINE & FITTINGS	4.6
CONTROL VALVE	4.6
MIN. RCV/PRV DIFFERENTIAL	13.6
PRESSURE MAIN LINE	13.6
FLOW SENSOR	1.6
REGULATOR VALVE	12.0
BACKFLOW PREVENTER	12.0
STRAINER / FILTER	1.1
WATER METER	1.1
SERVICE LINE	1.1
ELEVATION DIFFERENCE	2.3
CONTINGENCY	3.4
MINIMUM PSI. REQ. D	69.8
(EXISTING PSI.)	(91.0)
RESIDUAL PSI.	21.2

WATER SERVICE INFORMATION P.O.C. REF. NO. 'B'
 TYPE OF SOURCE: POTABLE
 SERVICE LINE SIZE: 2" (MASTER METER)
 WATER METER SIZE: 2" (PER STREET and/or WATER IMPROVEMENT PLANS)
 METER ADDRESS:
 METER STATION POINT:
 EXISTING WATER PRESSURE: 91-96 PSI
 MINIMUM OPERATING PRESSURE: 68 PSI
 PEAK IRRIGATION DEMAND: 64 GPM

FRICITION LOSS CALCULATION

WATER METER REF. NO. B	VALVE STATION NO. B-35
SPRINKLER HEAD	30.0
ANTI-DRAIN VALVE (ADV)	3.6
LATERAL LINE & FITTINGS	3.0
CONTROL VALVE	3.0
MIN. RCV/PRV DIFFERENTIAL	12.2
PRESSURE MAIN LINE	12.2
FLOW SENSOR	1.6
REGULATOR VALVE	12.0
BACKFLOW PREVENTER	12.0
STRAINER / FILTER	1.1
WATER METER	1.1
SERVICE LINE	0.9
ELEVATION DIFFERENCE	1.3
CONTINGENCY	3.3
MINIMUM PSI. REQ. D	67.7
(EXISTING PSI.)	(91.0)
RESIDUAL PSI.	23.3

FRICITION LOSS CALCULATION

WATER METER REF. NO. B	VALVE STATION NO. B-48
SPRINKLER HEAD	30.0
ANTI-DRAIN VALVE (ADV)	1.5
LATERAL LINE & FITTINGS	3.5
CONTROL VALVE	3.5
MIN. RCV/PRV DIFFERENTIAL	4.9
PRESSURE MAIN LINE	4.9
FLOW SENSOR	1.0
REGULATOR VALVE	12.0
BACKFLOW PREVENTER	12.0
STRAINER / FILTER	1.3
WATER METER	1.3
SERVICE LINE	0.3
ELEVATION DIFFERENCE	1.3
CONTINGENCY	2.8
MINIMUM PSI. REQ. D	57.3
(EXISTING PSI.)	(91.0)
RESIDUAL PSI.	33.7

2" PRESSURE-REDUCING MASTER VALVE, SET TO 38 PSI WHEN ZONE A-17 IS OPERATING.

2" PRESSURE-REDUCING MASTER VALVE, SET TO 51 PSI WHEN ZONE B-35 IS OPERATING.

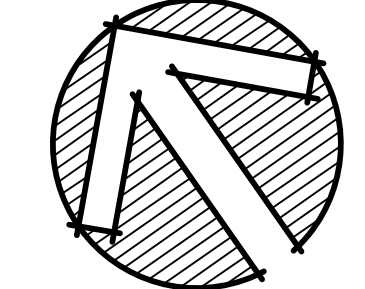
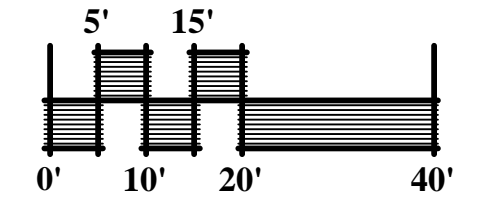
PULL THREE (3) UNIQUELY-COLORED #14UF WIRES FROM THE CONTROLLER TO THE MASTER VALVE FOR SYSTEM 'A'.

PULL THREE (3) UNIQUELY-COLORED #14UF WIRES FROM THE CONTROLLER TO THE MASTER VALVE FOR SYSTEM 'B'.

FOR THIS AREA REFER TO LANDSCAPE PLANS BY ROBERT MITCHELL & ASSOC. PROJ. #929LMD

FOR THIS AREA REFER TO LANDSCAPE PLANS BY ROBERT MITCHELL & ASSOC. PROJ. #929LMD

SIERRA VISTA AVENUE



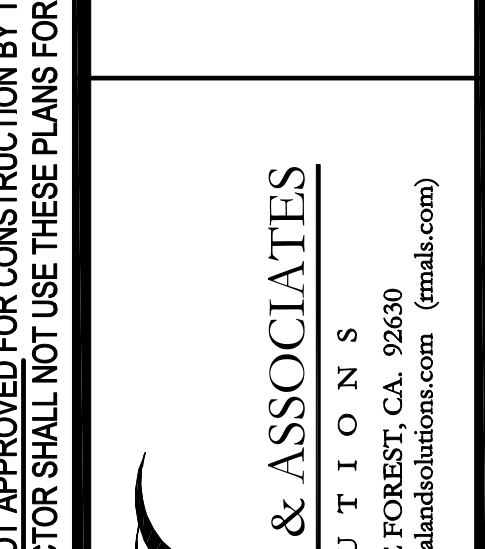
FOR IRRIGATION LEGEND & NOTES, SEE SHEET L-22

REVISIONS	BY

UNIVERSITY PARK APARTMENTS
 Tract 34774 - Parcel 3
 Riverside, California
GRIFFIN INDUSTRIES
 11498 Pierce Street - Riverside, California 92515 · Tel. (951) 509-8622
IRRIGATION PLAN

PLANNING
 DESIGN
 LANDSCAPE ARCHITECTURE

ROBERT MITCHELL & ASSOCIATES
 LAND SOLUTIONS
 2882 BUKHO ROAD LAKE FOREST, CA 92550
 (949) 581-2111 FAX (949) 581-5889 rmitche@robertmitchell.com (mailto:robertmitchell.com)



BLUEPRINTER'S DATE STAMP:

DATE: 6/5/08
 SCALE: 1" = 20'-0"
 SHEET: 929P

L-20

30 SHEETS

NOT FOR CONSTRUCTION