



L.A. GROUP

Design Works

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ZANZURI RESIDENCE

24604 Mulholland Hwy. Calabasas, CA 91302

Issue	Description	Date
1	COUNTY SUBMITTAL #1	12-03-2013
2	FILE REQ. SUBMITTAL #2	05-14-2014
3	COUNTY SUBMITTAL #2	06-19-2014
4	UPDATED ADDRESS	07-14-2014

Date: 12/03/13

Drawn By: JC

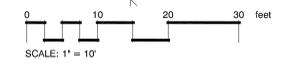
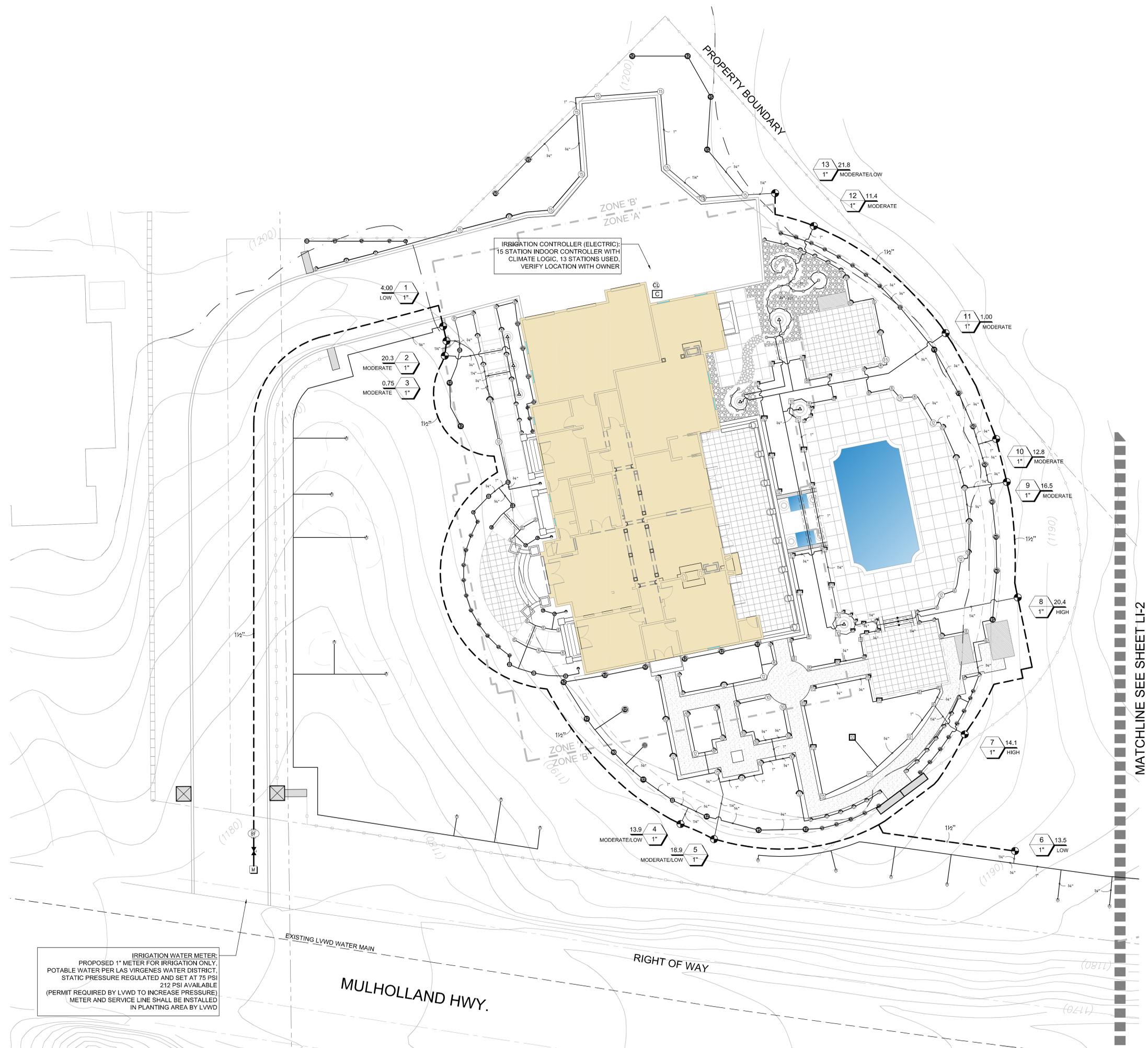
Sheet Title:
IRRIGATION PLAN

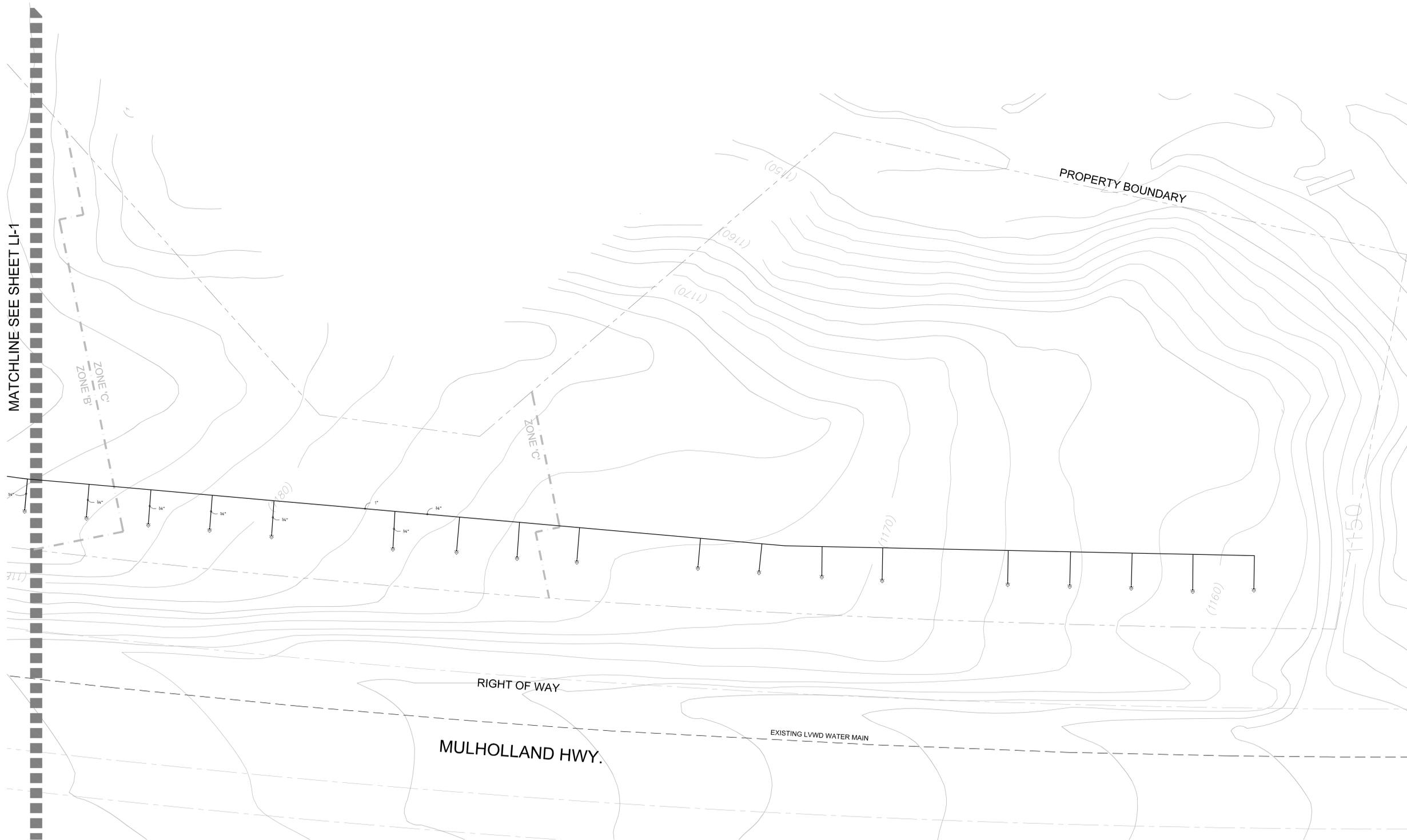
Job No. 4275

Sheet No.

LI-1

2 of 7 Sheet





MATCHLINE SEE SHEET LI-1



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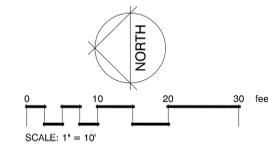
Drawn By JC

Sheet Title
IRRIGATION PLAN

Job No. 4275

Sheet No.

LI-2



**ATTACHMENT A (DRAFT)
WATER EFFICIENT WORK SHEET**

PROJECT NAME: Zanzuri Residence
PROJECT LOCATION: Calabasas, CA
TOTAL LANDSCAPE AREA: 14,834 sq.ft.

Maximum Applied Water Allowance (MAWA)

MAWA = (Eto) (0.62) (0.7 x LA) + (0.3 x SLA)]

MAWA = Maximum Applied Water Allowance
Eto = Reference Evapo
0.62 = Conversion factor (to gallons per square foot)
0.7 = ET Adjustment Factor (ETAF)
LA = Landscaped Area includes
0.3 = Additional ET Adjustment Factor for Special Landscape Area (1.0 - 0.7 = 0.3)
SLA = Portion of Landscape Area identified as Special Landscape Area - see Definitions (square feet)

Applicant to fill in boxes below.

52.3	Eto	(reference Evapotranspiration from Appendix A (inches per year)
14,834	LA	Landscape Area including Special Landscape Area (square feet)
	SLA	Portion of Landscape Area identified as Special Landscape Area (square feet)

ETo	ETAF	AREA (sq.ft.)	Conversion	MAWA
52.3 x	0.7 x	14,834 x	0.62 =	336,705
MAWA for SLA*	52.3 x	0.3 x	0	0
Total MAWA				336,705 (gallons per year)

Estimated Total Water Use (ETWU)

ETWU = (Eto) (0.62) (PF x HA) + IE + SLA]

ETWU = Estimated ...
Eto = Reference Evapo...
0.62 = Conversion factor (to gallons per square foot)
PF = Plant Factor from H2O/SO2 Use Database
HA = Hydrozone Area - shading area separated to high, moderate, low and very low water usage areas (square feet)
IE = Irrigation Efficiency - see Chart 1 (minimum 0.7)

SLA - Portion of Landscape Area identified as Special Landscape Area - see Definitions (square feet)

ETWU arrived from Hydrozone Table below = 246,849 gallons per year

hydrozone	plant water use type	plant factor (PF) (see table B)	hydrozone area (HA) (square ft.)	PFxHA (square ft.)	% of landscape area (LA)	irrigation efficiency (IE)	Hydrozone ETWU
1	cool/turf	0.8	1,780	1,424	12%	0.71	65,035
2	warm/turf	0.6	0	0	0%	0.71	0
3	high water	0.8	0	0	0%	0.71	0
4	mod. water	0.5	5,048	2,524	34%	0.71	115,272
5	low water	0.3	1,263	409	9%	0.71	18,675
6	very low	0.2	6,643	1,329	45%	0.90	47,689
7	very low	0.1	0	0	0%	0.90	0
8	SLA	--	0	--	100%	--	246,849
TOTAL							246,849

Table A - PF (Plant Factor)

Cool Season Turf**	0.8
Warm Season Turf**	0.6
High Water Using Plants	0.8 (can be between 0.7 - 0.9)
Moderate Water Using Plants	0.5 (can be between 0.4 - 0.6)
Low Water Using Plants	0.3 (can be between 0.1 - 0.3)
Very Low Water Using Plants	0.1 (can be 0.1)

** species include tall fescue, ryegrass, bermudagrass and Kentucky bluegrass
*** species include bermudagrass, zoysiagrass, st. augustinegrass

Table B - IE (Irrigation Efficiency)

Pop-up spray heads	0.71
Rotor heads	0.75
Microspray	0.70
Bubblers	0.6
Drop emitters	0.65
Subsurface irrigation	0.9

Note: adjustment can be made based on exact type of equipment

WATER AUDIT NOTE:

THE CONTRACTOR WILL CONDUCT AN IRRIGATION AUDIT USING A CERTIFIED IRRIGATION AUDITOR. AFTER THE FINAL FIELD OBSERVATION HAS BEEN COMPLETED AND ALL IRRIGATION COMPONENTS ARE INSTALLED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AND THE IRRIGATION SYSTEM IS ACCEPTED BY THE PROJECT ARCHITECT FOR MAINTENANCE, THE IRRIGATION AUDIT WILL BE CONDUCTED IN ACCORDANCE WITH THE FOLLOWING SCHEDULE.

- PLACE FLAGS AT EACH HEAD IN THE ZONE.
- MEASURE SPACING AND MARK MID POINTS BETWEEN HEADS.
- PLACE WATER MEASURING RECEPTACLES.
- TAKE READINGS OF WATER LEVEL IN RECEPTACLES AND RECORD RESULTS.
- MEASURE HEAD PRESSURE IN EACH ZONE AND RECORD RESULTS.
- AFTER COMPLETING ZONE ADVANCE TO NEXT ZONE AND REPEAT PROCEDURE.
- SUBMIT THE RESULTS OF THE AUDIT TO THE PROJECT ARCHITECT.

THE IRRIGATION MAINTENANCE SCHEDULE TASKS LISTED BELOW ARE INTENDED AS MINIMUM STANDARDS AND MORE FREQUENT ATTENTION MAY BE REQUIRED DEPENDING ON THE PARTICULAR SITE CONDITIONS.

MAINTENANCE TASK	FREQUENCY
CONTROLLER CABINET—OPEN CABINET AND CLEAN OUT DEBRIS AND REPLACE BATTERY AS NECESSARY. CHECK WIRING AND REPAIR AS NEEDED AND CHECK CLOCK AND RESET IF NECESSARY.	QUARTERLY
IRRIGATION SCHEDULE—ADJUST SCHEDULE FOR SEASONAL VARIATIONS AND OTHER CONDITIONS WHICH MAY AFFECT THE AMOUNT OF WATER NEEDED TO MAINTAIN PLANT HEALTH ADJUST AS NECESSARY.	MONTHLY
POC—VISUALLY INSPECT COMPONENTS FOR LEAKS, PRESSURE SETTINGS, SETTLEMENT OR OTHER DAMAGE AFFECTING THE OPERATION OF A COMPONENT REPAIR AS NEEDED.	QUARTERLY
REMOTE CONTROL VALVES, ISOLATION VALVES AND QUICK COUPLER VALVES VISUALLY INSPECT FOR LEAKS, SETTLEMENT, WIRE CONNECTIONS AND PRESSURE SETTINGS. REPAIR OR ADJUST AS NEEDED.	QUARTERLY
MAINLINE & LATERALS VISUALLY INSPECT FOR LEAKS OR SETTLEMENT OF TRENCH.	QUARTERLY
SPRINKLERS VISUALLY CHECK FOR ANY BROKEN MISSIONED OR CLOGGED HEADS - HEADS WITH INCORRECT ARC, INADEQUATE COVERAGE OR OVERSPRAY AND LOW HEAD DRAINAGE REPAIR AS NEEDED.	WEEKLY
FILTERS AND STRAINERS VISUALLY CHECK FOR LEAKS, BROKEN FITTING CLEAN AND FLUSH SCREENS.	MONTHLY

AUDIT SHALL BE IN ACCORDANCE WITH THE LATEST STATE OF CALIFORNIA LANDSCAPE WATER MANAGEMENT PROGRAM AS DESCRIBED IN THE LATEST LANDSCAPE IRRIGATION AUDITOR HANDBOOK. THE LANDSCAPE IRRIGATION AUDITS TO BE CONDUCTED BY A QUALIFIED INDIVIDUAL AND THE AUDIT SCHEDULE SHALL BE CONDUCTED AT LEAST ONCE EVERY FIVE YEARS IN ACCORDANCE WITH THE REQUIREMENTS OF TITLE 20, DIVISION 1 OF THE LOS ANGELES COUNTY CODE.

**ATTACHMENT B.1 (DRAFT)
IRRIGATION SCHEDULE (Peak Summer Schedule)**

PROJECT NAME: Zanzuri Residence
PROJECT LOCATION: Calabasas, CA
TOTAL LANDSCAPE AREA: 14,834 sq.ft.

ETo (enter area)

jan.	feb.	mar.	apr.	may	jun.	July	aug.	sept.	oct.	nov.	dec.	annual
2.1	2.7	3.7	4.7	5.1	6.0	7.1	6.7	5.6	4.2	2.6	2.0	52.3

(use columns as applicable to the project)

valve no.	valve size	flow (GPM)	irr. effcy. (IE)	irr. type	area (sq.ft.)	plant type	precip rate (in./min.)	plant factor (PF)	runtime (min.)	nos. of cycles per day	indiv. runtimes (min.)	frequency per month	monthly runtime (min.)	ETWU Gallons
1	1"	4	0.9	rws	720	tree	0.25	0.2	5	1	5	12	60	240
2	1"	20.3	0.71	spray	352	shrub	1.8	0.5	6	1	6	12	72	1462
3	1"	0.75	0.8	bubbler	215	shrub	1.8	0.5	3	1	3	12	36	27
4	1"	13.9	0.71	spray	1113	shrub	1.8	0.3	6	1	6	12	72	1001
5	1"	18.9	0.71	spray	1212	shrub	1.8	0.3	6	1	6	12	72	1361
6	1"	13.5	0.9	rws	5923	tree	0.25	0.2	5	1	5	12	60	810
7	1"	14.1	0.71	spray	794	turf	1.8	0.8	5	2	3	12	120	1692
8	1"	20.4	0.71	spray	966	turf	1.8	0.8	5	2	3	12	120	2448
9	1"	16.5	0.71	spray	569	shrub	1.8	0.5	6	1	6	12	72	1188
10	1"	12.8	0.71	spray	864	shrub	1.8	0.5	6	1	6	12	72	922
11	1"	1	0.8	bubbler	403	shrub	1.8	0.5	3	1	3	12	36	36
12	1"	11.4	0.71	spray	285	shrub	1.8	0.5	6	1	6	12	72	821
13	1"	21.8	0.71	spray	1398	shrub	1.8	0.3	6	1	6	12	72	1570
Total Runtime per day										1.1	Hours	Total Monthly ETWU 13576.2		

**ATTACHMENT B.2 (DRAFT)
IRRIGATION SCHEDULE (Monthly Schedule)**

PROJECT NAME: Zanzuri Residence
PROJECT LOCATION: Calabasas, CA
TOTAL LANDSCAPE AREA: 14,834 sq.ft.

ETo: Calabasas

jan.	feb.	mar.	apr.	may	June	July	aug.	sept.	oct.	nov.	dec.	annual
2.1	2.7	3.7	4.7	5.1	6.0	7.1	6.7	5.6	4.2	2.6	2.0	52.3

valve no.	valve size	flow (GPM)	irr. effcy. (IE)	irr. type	area (sq.ft.)	plant type	precip rate (in./min.)	plant factor (PF)	runtime (min.)	nos. of cycle	frequency per week	monthly total (gallons)
1	1"	4	0.9	rws	720	tree	0.25	0.2	5	1	2	160
2	1"	20.3	0.71	spray	352	shrub	1.8	0.5	6	1	3	1462
3	1"	0.75	0.8	bubbler	215	shrub	1.8	0.5	3	1	3	54
4	1"	13.9	0.71	spray	1113	shrub	1.8	0.3	6	1	3	1001
5	1"	18.9	0.71	spray	1212	shrub	1.8	0.3	6	1	3	1361
6	1"	13.5	0.9	rws	5923	tree	0.25	0.2	5	1	2	540
7	1"	14.1	0.71	spray	794	turf	1.8	0.8	10	1	3	1692
8	1"	20.4	0.71	spray	966	shrub	1.8	0.5	6	1	3	2448
9	1"	16.5	0.71	spray	569	shrub	1.8	0.5	6	1	3	1188
10	1"	12.8	0.71	spray	864	shrub	1.8	0.5	6	1	3	922
11	1"	1	0.8	bubbler	403	shrub	1.8	0.5	6	1	3	72
12	1"	11.4	0.71	spray	285	shrub	1.8	0.5	6	1	3	821
13	1"	21.8	0.71	spray	1398	shrub	1.8	0.3	6	1	3	1570

Maintenance Schedules.

Maintenance Schedules. A regular maintenance schedule satisfying the following conditions shall be submitted as part of the landscape documentation package.

Landscape shall be maintained to ensure water efficiency. A regular maintenance schedule shall include, but not be limited to, checking, adjusting, and repairing irrigation equipment; resetting the automatic controller; aerating and dethatching turf areas; replenishing mulch; fertilizing; pruning; and weeding in all landscaped areas.

Whenever possible, repair of irrigation equipment shall be done with the originally specified materials or their equivalents.

A landscape irrigation audit schedule as required in Chapter 20.09 of Title 20 may be recommended. The maximum period between audits shall be five years.

Irrigation Audit Schedules.

Landscape Irrigation Audit Schedules. A schedule of landscape irrigation audits of at least once every five years must be established, for all but single-family residences, and other projects with a landscape area less than 1 acre (0.405 ha). As required in Chapter 20.09 in Title 20 (Utilities Code), an audit satisfying the following conditions shall be submitted to the County as part of the landscape documentation package.

At a minimum, audits shall be in accordance with the latest State of California Landscape Water Management Program as described in the latest Landscape Irrigation Auditor Handbook, prepared for the California Department of Water Resources, Water Conservation Office, the entire document, which is hereby incorporated by reference.

The schedule shall provide for landscape irrigation audits to be conducted by a qualified individual as determined by the Director at least once every five years in accordance with the requirements of Title 20, Division 1 of the Los Angeles County Code.

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI
	Rain Bird 1804-SAM 5 Series MPR Turf Spray 4.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, 1/2" NPT Female Threaded Inlet, With Seal-A-Matic Check Valve.	30
	Rain Bird 1804-SAM 8 Series MPR Turf Spray 4.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, 1/2" NPT Female Threaded Inlet, With Seal-A-Matic Check Valve.	30
	Rain Bird 1804-SAM 10 Series MPR Turf Spray 4.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, 1/2" NPT Female Threaded Inlet, With Seal-A-Matic Check Valve.	30
	Rain Bird 1804-SAM 12 Series MPR Turf Spray 4.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, 1/2" NPT Female Threaded Inlet, With Seal-A-Matic Check Valve.	30
	Rain Bird 1804-SAM 15 Series MPR Turf Spray 4.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, 1/2" NPT Female Threaded Inlet, With Seal-A-Matic Check Valve.	30
	Rain Bird 1804-SAM ADJ Turf Spray 4.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, 1/2" NPT Female Threaded Inlet, With Seal-A-Matic Check Valve.	30
	Rain Bird 1812-SAM SQ Series Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, 1/2" NPT Female Threaded Inlet, With Seal-A-Matic Check Valve.	30
	Rain Bird 1812-SAM 5 Series MPR Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, 1/2" NPT Female Threaded Inlet, With Seal-A-Matic Check Valve.	30
	Rain Bird 1812-SAM 8 Series MPR Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, 1/2" NPT Female Threaded Inlet, With Seal-A-Matic Check Valve.	30
	Rain Bird 1812-SAM 10 Series MPR Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, 1/2" NPT Female Threaded Inlet, With Seal-A-Matic Check Valve.	30
	Rain Bird 1812-SAM 12 Series MPR Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, 1/2" NPT Female Threaded Inlet, With Seal-A-Matic Check Valve.	30
	Rain Bird 1812-SAM 15 Series MPR Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, 1/2" NPT Female Threaded Inlet, With Seal-A-Matic Check Valve.	30
	Rain Bird 1812-SAM ADJ Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, 1/2" NPT Female Threaded Inlet, With Seal-A-Matic Check Valve.	30
	Rain Bird 1800-PA-BS SO Series Mini Root Watering System with 4.0" diameter x 18.0" long with locking grate, semi-rigid mesh tube and Rain Bird 1401 0.25 gpm or 1402 0.5 gpm bubbler as indicated. With Check Valve.	30
	Rain Bird 1800-PA-BS 5 Series MPR Shrub Spray on fixed riser with the PA-BS Plastic Shrub Adapter, Use with 1/2" MPT threaded risers.	30
	Rain Bird 1800-PA-BS 8 Series MPR Shrub Spray on fixed riser with the PA-BS Plastic Shrub Adapter, Use with 1/2" MPT threaded risers.	30
	Rain Bird 1800-PA-BS 10 Series MPR Shrub Spray on fixed riser with the PA-BS Plastic Shrub Adapter, Use with 1/2" MPT threaded risers.	30
	Rain Bird 1800-PA-BS 12 Series MPR Shrub Spray on fixed riser with the PA-BS Plastic Shrub Adapter, Use with 1/2" MPT threaded risers.	30
	Rain Bird 1800-PA-BS 15 Series MPR Shrub Spray on fixed riser with the PA-BS Plastic Shrub Adapter, Use with 1/2" MPT threaded risers.	30
	Rain Bird 1800-PA-BS ADJ Shrub Spray on fixed riser with the PA-BS Plastic Shrub Adapter, Use with 1/2" MPT threaded risers.	30
	Rain Bird RWS-M-B-C Mini Root Watering System with 4.0" diameter x 18.0" long with locking grate, semi-rigid mesh tube and Rain Bird 1401 0.25 gpm or 1402 0.5 gpm bubbler as indicated. With Check Valve.	30
	Rain Bird 1800-1400 Flood Fixed flow rate (0.25-2.0GPM), full circle bubbler, 1/2" FIPT.	30
	Rain Bird ASVF Electric Remote Control Valve, with Atmospheric Backflow Preventer. 3/4", 1" Available.	
	Griwold Isolator BV Brass DWV Valve with Ball Valve. Sizes 1/2" through 2-1/2", same size as irrigation line. 100 mesh stainless steel strainer and packing gland ball valve are ideal for dirty water applications.	
	Irritrol ITC-15-MOD-R Hybrid Controller, 15-Station, Modular Model, with Plastic Cabinet. Climate Logic compatible, and Remote-Ready.	
	Irritrol CL Wireless Weather Sensing System. 100-Receive and Transmitter Kit. Outdoor sensor, and receiver attaches to Irritrol Controller. Compatible with Rain Dial-R, Total Control-R, KwikDial, and MC-E controllers. Monitors weather data.	
	Point of Connection 1"	
	Irrigation Lateral Line: PVC Schedule 40 PVC Schedule 40 irrigation pipe.	
	Irrigation Mainline: PVC Schedule 40 and Class 315 PVC Schedule 40 to 1-1/2", PVC Class 315 SDR 13.5 for pipes 2" and larger.	
	Pipe Sleeve: PVC Schedule 40 Typical pipe sleeve for irrigation pipe. Pipe sleeve size shall allow for irrigation piping and their related couplings to easily slide through sleeving material. Extend sleeves 18 inches beyond edges of paving or construction.	
	Valve Callout Valve Number Valve Flow Valve Size	

CRITICAL ANALYSIS

Generated: 2014-03-07 09:15

P.O.C. NUMBER:01
Water Source Information: Las Virgenes Water District

FLOW AVAILABLE
Water Meter Size: 1"
Flow Available: 37.50 gpm

PRESSURE AVAILABLE
Static Pressure at POC: 75.00 psi
Elevation Change: 4.00 ft
Service Line Size: 2"
Length of Service Line: 20.00 ft
Pressure Available: 73.00 psi

DESIGN ANALYSIS
Maximum Station Flow: 21.82 gpm
Flow Available at POC: 37.50 gpm
Residual Flow Available: 15.68 gpm

Critical Station: 13
Design Pressure: 30.00 psi
Loss Elev. High head to valve: 0.00 psi
Pipe Loss Critical Head: 3.10 psi
Loss Fitting Factor: 0.31 psi
Loss through Valve: 3.39 psi
Pressure Req. at Critical Station: 36.81 psi
Loss for Fittings: 0.79 psi
Loss for Main Line: 7.92 psi
Loss for POC to Valve Elevation: 7.79 psi
Loss for Backflow: 10.98 psi
Loss for Water Meter: 2.75 psi
Critical Station Pressure at POC: 67.04 psi
Pressure Available: 73.00 psi
Residual Pressure Available: 5.96 psi





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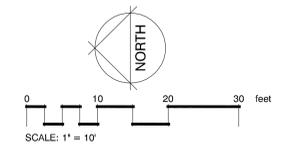
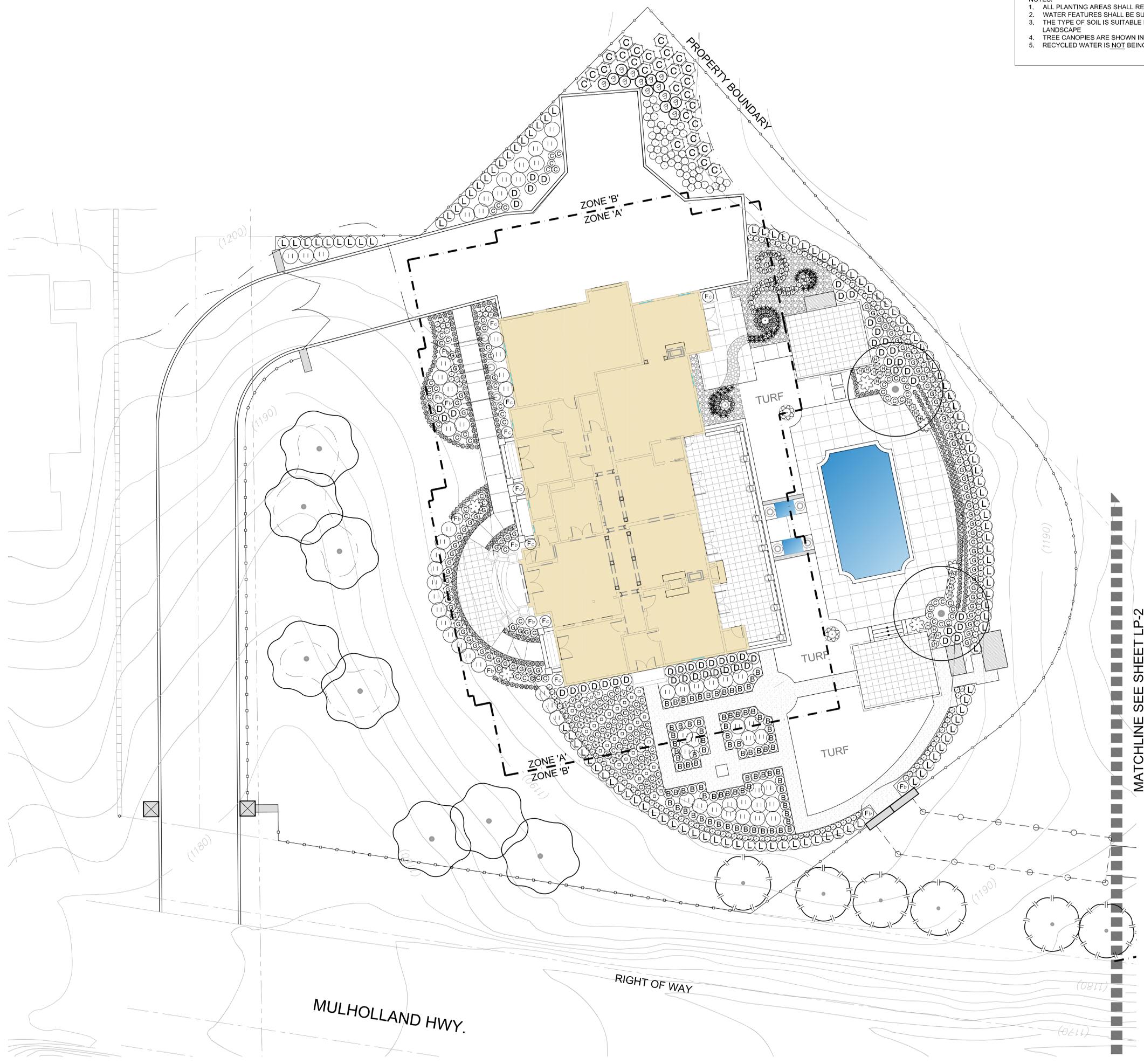
Sheet Title
PLANTING PLAN

Job No. 4275

Sheet No.

LP-1

- NOTES:
1. ALL PLANTING AREAS SHALL RECEIVE A 2" LAYER OF BARK MULCH
 2. WATER FEATURES SHALL BE SUPPLIED WITH POTABLE WATER
 3. THE TYPE OF SOIL IS SUITABLE FOR ALL THE PROPOSED PLANTS IN THIS LANDSCAPE
 4. TREE CANOPIES ARE SHOWN IN FULL MATURITY
 5. RECYCLED WATER IS NOT BEING USED ON THIS IRRIGATION SYSTEM



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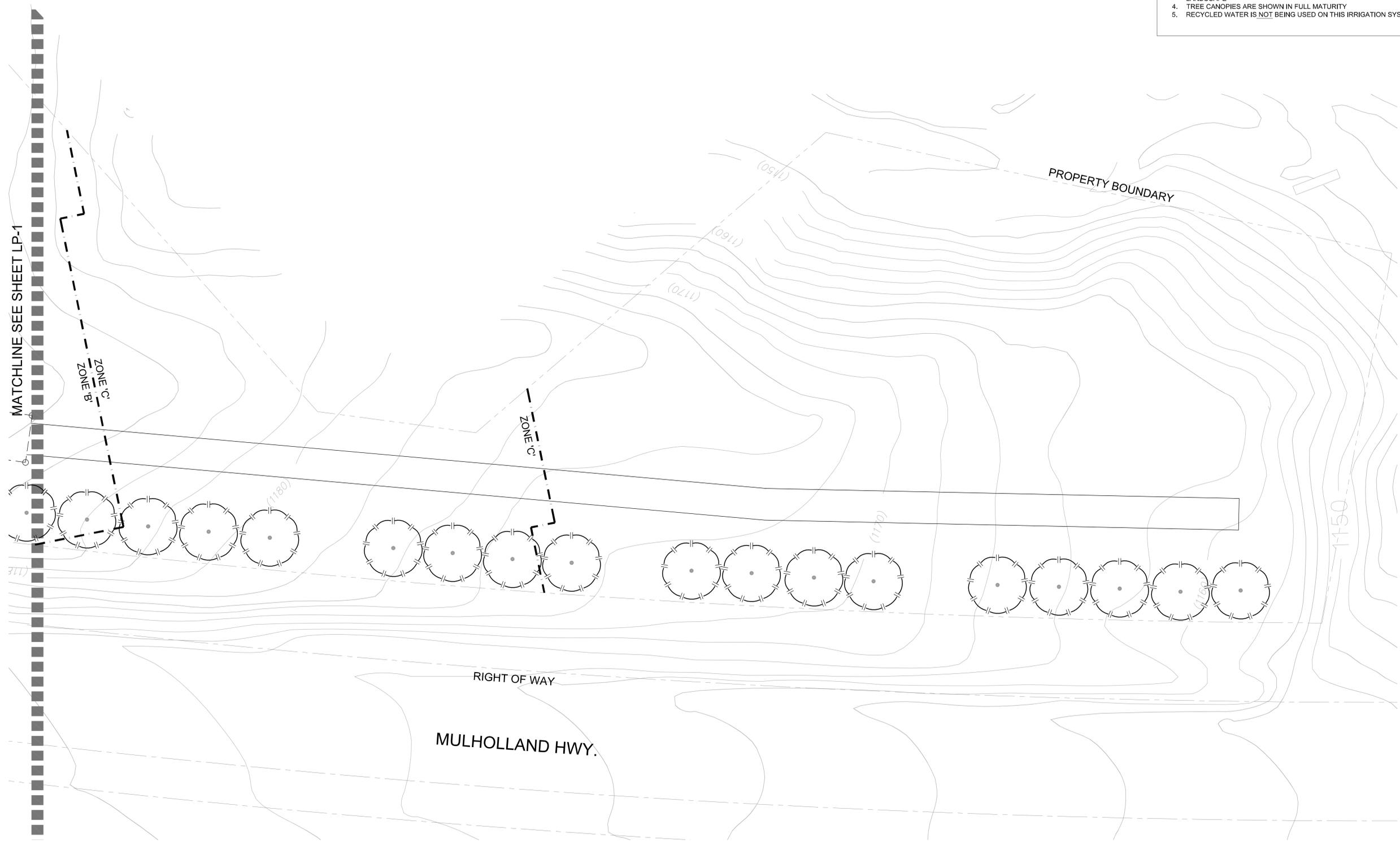
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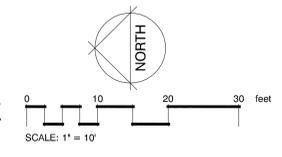
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Sheet No.

LP-2



SEE SHEET LP-1 FOR PLANT SCHEDULE



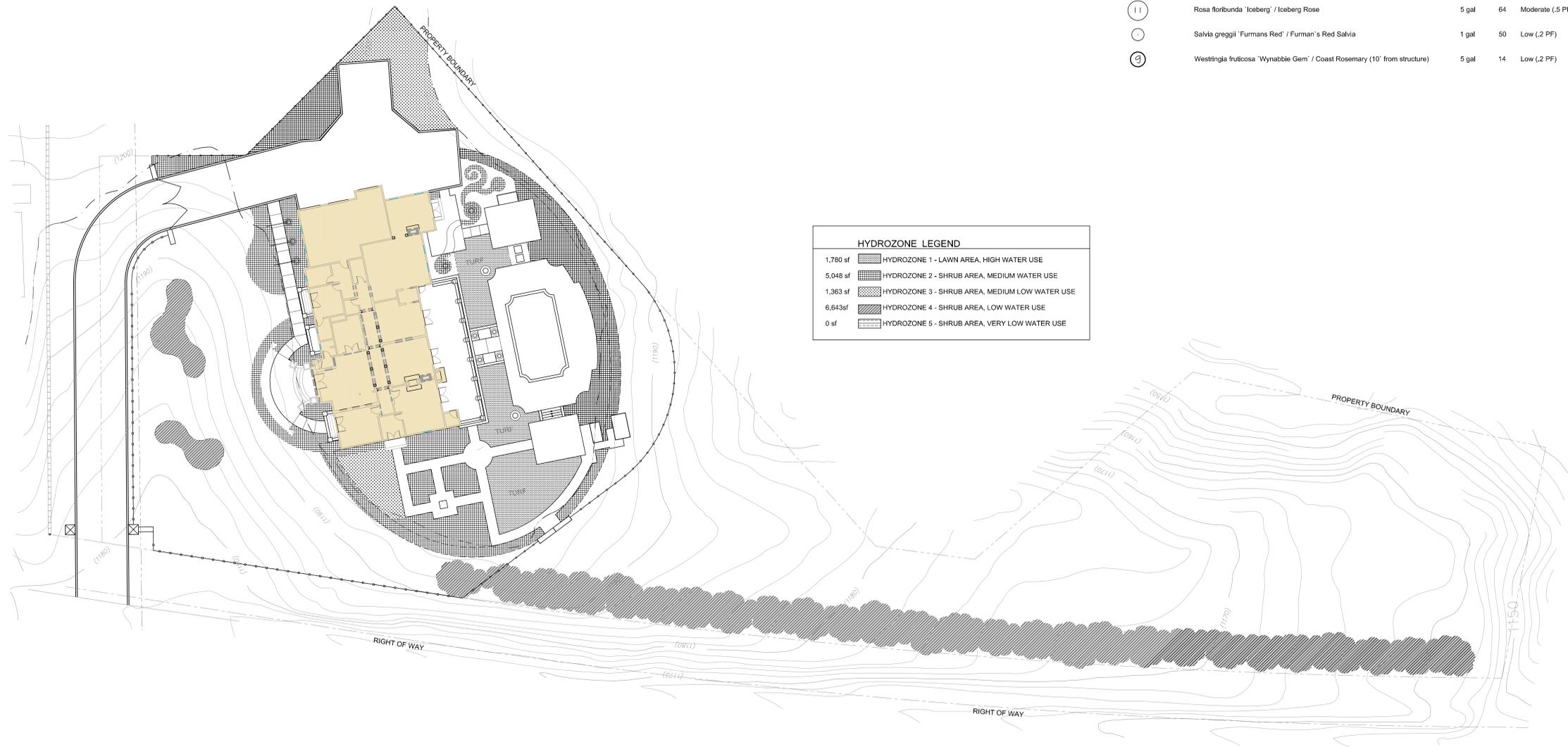
AREA CALCULATIONS

LAWN AREA	1,780 SF. (12%)
SHRUB AREA	13,504 SF. (88%)
TOTAL LANDSCAPE AREA	14,834 SF.
DROUGHT TOLERANT LANDSCAPE AREA	6,643 SF. (44%)

PLANT SCHEDULE

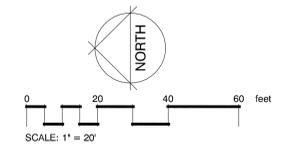
TREES	BOTANICAL NAME / COMMON NAME	CONT	QTY	REMARKS
	Cinnamomum camphora / Camphor Tree (30' from structure)	24"box	2	Moderate (.5 PF)
	Olea europaea 'Wilsonii' / Fruitless Olive (15' from structure)	24"box	8	Low (.2 PF)
	x Cupressocyparis leylandii / Leylandi Cypress (50' from structure)	15 gal	23	Moderate (.5 PF)

SHRUBS	BOTANICAL NAME / COMMON NAME	CONT	QTY	REMARKS
	Agapanthus africanus 'Peter Pan' / Dwarf Blue Lily of the Nile	1 gal	326	Moderate (.5 PF)
	Buxus microphylla japonica / Japanese Boxwood (5' from structure)	5 gal	84	Moderate (.5 PF)
	Carex oshimensis 'Evergold' / Variegated Japanese Sedge	5 gal	60	Moderate (.5 PF)
	Ceanothus x 'Concha' / California Lilac (30' from structure)	5 gal	28	Very Low (.1 PF)
	Cuphea hyssopifolia / False Heather	5 gal	22	Moderate (.5 PF)
	Cycas revoluta / Japanese Sago Palm	15 gal	10	Moderate (.5 PF)
	Diets vegeta / African Iris	5 gal	51	Moderate (.5 PF)
	Euonymus japonicus 'Microphylla Variegata' / Yellow and Green Boxleaf Euonymus	5 gal	36	Moderate (.5 PF)
	Festuca muelleri / Mueller's Fescue	1 gal	63	Moderate (.5 PF)
	Gardenia jasminoides 'August Beauty' / Gardenia	5 gal	80	Moderate (.5 PF)
	Hemerocallis x 'Yellow' / Daylily	1 gal	194	Moderate (.5 PF)
	Lavandula intermedia / Lavandin	5 gal	30	Low (.2 PF)
	Ligustrum texanum / Texas Privet (10' from structure)	5 gal	115	Moderate (.5 PF)
	Phormium tenax 'Dusky Chief' / New Zealand Flax	15 gal	8	Low (.2 PF)
	Phormium tenax 'Firebird' / Fire Bird Flax	5 gal	9	Low (.2 PF)
	Pittosporum tobira 'Cream De Mint' TM / Cream De Mint Dwarf Mock Orange	5 gal	99	Moderate (.5 PF)
	Rosa floribunda 'Iceberg' / Iceberg Rose	5 gal	64	Moderate (.5 PF)
	Salvia greggii 'Furmans Red' / Furman's Red Salvia	1 gal	50	Low (.2 PF)
	Westringia fruticosa 'Wynabbie Gem' / Coast Rosemary (10' from structure)	5 gal	14	Low (.2 PF)



HYDROZONE LEGEND	
1,780 sf	HYDROZONE 1 - LAWN AREA, HIGH WATER USE
5,048 sf	HYDROZONE 2 - SHRUB AREA, MEDIUM WATER USE
1,363 sf	HYDROZONE 3 - SHRUB AREA, MEDIUM LOW WATER USE
6,643sf	HYDROZONE 4 - SHRUB AREA, LOW WATER USE
0 sf	HYDROZONE 5 - SHRUB AREA, VERY LOW WATER USE

HYDROZONE MAP SCALE: 1" = 20'-0"



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Issue	Description	Date
1	PLN. MGD. SUBMITTAL #1	03-12-2014
2	PLN. MGD. SUBMITTAL #2	05-14-2014
4	COUNTY SUBMITTAL #2	06-19-2014
5	UPDATED ADDRESS	07-14-2014

Date 03/06/14
 Drawn By JC

Sheet Title
**PLANTING
 LEGEND &
 HYDROZONE
 MAP**

Job No. 4275
 Sheet No.

LP-3
 7 of 7 Sheet