IRRIGATION SCHEDULES for WATT - COVINA tract 072718

	EO I A	RF12	HMEN	NT PE	RIOD								
ETo Loc			ra (Los A							Α	nnual E1	To Rate:	5
Monthly E	To Data	Jan 2.00	Feb 2.50	Mar	Apr	May	Jun 6.10	Jul	Aug	Sep	Oct	Nov	
Monthly E		2.00	127 - 12 (1271)	3.60	4.90	5.40	A 10 C 10	7.30	6.80	5.70	4.20	2.60	
Control	ller A	l	IRRIGA	TION SY	/STEM '	A' FOR I	AM-AOF	INTAINE	ED ARE	AS.			
Progra Days per		Jan 2	Feb 3	Mar 4	Apr 5	May 5	Jun 5	Jul 5	Aug	Sep 5	Oct 4	Nov 3	
Cycles p		1	1	1	1	1	1	1	5 1	1	1	1	
Precipitati In. / Hr.	on Rate Zone	Run Ti	me per	Cvcle					•		(min	utes + s	
0.96	A-8	13:56	12:52	12:33	14:07	15:03	17:34	20:21	18:57	16:25	14:38	12:29	1
0.96 1.10	A-11 A-13	13:56 13:08	12:52 12:07	12:33 11:49	14:07 13:18	15:03 14:11	17:34 16:34	20:21 19:11	18:57 17:52	16:25 15:29	14:38 13:48	12:29 11:46	1
1.10	A-13	13:08	12:07	11:49	13:18	14:11	16:34	19:11	17:52	15:29	13:48	11:46	1
		Total R	un Time	e ner St	tation p	er Irrina	tion Da	v			(mini	utes + s	ec
Progra		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
dripline dripline	A-8 A-11	13:56 13:56	12:52 12:52	12:33 12:33	14:07 14:07	15:03 15:03	17:34 17:34	20:21 20:21	18:57 18:57	16:25 16:25	14:38 14:38	12:29 12:29	1
spray	A-13	13:08	12:07	11:49	13:18	14:11	16:34	19:11	17:52	15:29	13:48	11:46	1
spray	A-14	13:08	12:07	11:49	13:18	14:11	16:34	19:11	17:52	15:29	13:48	11:46	1
Control		lan	Eab	Mor	۸۰۰	May	lus	Tot	Aug	Con		ours + r	_
Progra Total Progr		Jan 0:54	Feb 0:49	0:48	Apr 0:54	0:58	Jun 1:08	Jul 1:19	Aug 1:13	Sep 1:03	Oct 0:56	0:48	
Time pe		0.54	0.49	0.40	0.54	0.56	1.00	1.19	1.13	1.03	0.56	0.46	
Time per		1:48	2:29	3:14	4:34	4:52	5:41	6:35	6:08	5:18	3:47	2:25	
													_
Progra		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
Days per Cycles p		1	1	1	2	2	2	3	2	2	2	1	
Precipitati	on Rate												
<u>In. / Hr.</u> 0.71	Zone A-10	23:33	me per 32:36	42:24	29:49	31:48	37:07	28:40	40:03	34:41	(mini 24:44	utes + s 31:39	ec 2
0.71	A-15	23:33	32:36	42:24	29:49	31:48	37:07	28:40	40:03	34:41	24:44	31:39	2
0.71	A-16	23:33	32:36	42:24	29:49	31:48	37:07	28:40	40:03	34:41	24:44	31:39	2
Progra	m R	Total R	un Tim	e per St Mar	tation p	er Irriga May	tion Da Jun	y Jul	Aug	Sep	(mini	utes + s Nov	ec
dripline	A-10	23:33	32:36	42:24	29:49	31:48	37:07	28:40	40:03	34:41	24:44	31:39	2
dripline dripline	A-15 A-16	23:33 23:33	32:36 32:36	42:24 42:24	29:49 29:49	31:48 31:48	37:07 37:07	28:40 28:40	40:03 40:03	34:41 34:41	24:44 24:44	31:39 31:39	2
		1	02.00	72.27	20.40	01.40	01.01	20.40	40.00	04.41			
Control Progra		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	(h Oct	ours + r	nlr
Total Progr	ram Run	1:10	1:37	2:07	1:29	1:35	1:51	1:25	2:00	1:44	1:14	1:34	
Time pe Total Progr		1:10	1:37	2:07	2:58	3:10	3:42	4:17	4:00	3:28	2:28	1:34	
Time per	Week	1.10	1.31	2.07	2.56	3.10	3.42	4.17	4.00	3.20	2.20	1.34	
D	0	1	F-1-	N4	Ι Δ	NA	l	1	A	0	0-4	NI	
Progra Days per	r Week	Jan 1	Feb 1	Mar 1	Apr 1	May 1	Jun 1	Jul 1	Aug 1	Sep 1	Oct 1	Nov 1	
Cycles p Precipitati		1	1	1	1	1	1	1	1	1	1	1	
In. / Hr.	Zone		me per	_			no list to on	15	La . 11 . 124		and the second second	utes + s	
0.71 0.71	A-1 A-2	09:25 08:01	13:02 11:05	16:58 14:25	23:51 20:17	25:27 21:38	29:42 25:15	34:24 29:14	32:02 27:14	27:45 23:35	19:47 16:49	12:40 10:46	0
0.71	A-3	09:25	13:02	16:58	23:51	25:27	29:42	34:24	32:02	27:45	19:47	12:40	C
4.82 0.71	A-4 A-5	03:28 09:25	04:48 13:02	06:15 16:58	08:48 23:51	09:23 25:27	10:57 29:42	12:41 34:24	11:49 32:02	10:14 27:45	07:18 19:47	04:40 12:40	0
0.71	A-6	06:36	09:08	11:52	16:42	17:49	20:47	24:05	22:26	19:26	13:51	08:52	0
0.71 4.82	A-7 A-9	09:25 03:28	13:02 04:48	16:58 06:15	23:51 08:48	25:27 09:23	29:42 10:57	34:24 12:41	32:02 11:49	27:45 10:14	19:47 07:18	12:40 04:40	
4.82	A-12	01:23	01:55	02:30	03:31	03:45	04:23	05:04	04:43	04:06	02:55	01:52	C
0.71 0.71	A-17 A-18	09:25 09:25	13:02 13:02	16:58 16:58	23:51 23:51	25:27 25:27	29:42 29:42	34:24 34:24	32:02 32:02	27:45 27:45	19:47 19:47	12:40 12:40	0
0.71	A-19	08:01	11:05	14:25	20:17	21:38	25:15	29:14	27:14	23:35	16:49	10:46	C
0.71	A-20	09:25	13:02	16:58	23:51	25:27	29:42	34:24	32:02	27:45	19:47	12:40	(
Progra	m C	Total R Jan	un Tim	e per St Mar	tation p	er Irriga May	tion Da Jun	y Jul	Aug	Sep	(mini	utes + s Nov	_
dripline	A-1	09:25	13:02	16:58	23:51	25:27	29:42	34:24	32:02	27:45	19:47	12:40	(
dripline dripline	A-2 A-3	08:01 09:25	11:05 13:02	14:25 16:58	20:17 23:51	21:38 25:27	25:15 29:42	29:14 34:24	27:14 32:02	23:35 27:45	16:49 19:47	10:46 12:40	0
bubbler	A-4	03:28	04:48	06:15	08:48	09:23	10:57	12:41	11:49	10:14	07:18	04:40	C
dripline dripline	A-5 A-6	09:25 06:36	13:02 09:08	16:58 11:52	23:51 16:42	25:27 17:49	29:42 20:47	34:24 24:05	32:02 22:26	27:45 19:26	19:47 13:51	12:40 08:52	0
dripline	A-7	09:25	13:02	16:58	23:51	25:27	29:42	34:24	32:02	27:45	19:47	12:40	C
bubbler bubbler	A-9 A-12	03:28 01:23	04:48 01:55	06:15 02:30	08:48 03:31	09:23 03:45	10:57 04:23	12:41 05:04	11:49 04:43	10:14 04:06	07:18 02:55	04:40 01:52	0
dripline	A-17	09:25	13:02	16:58	23:51	25:27	29:42	34:24	32:02	27:45	19:47	12:40	C
dripline dripline	A-18 A-19	09:25 08:01	13:02 11:05	16:58 14:25	23:51 20:17	25:27 21:38	29:42 25:15	34:24 29:14	32:02 27:14	27:45 23:35	19:47 16:49	12:40 10:46	0
dripline	A-19 A-20	09:25	13:02	16:58	23:51	25:27	29:42	34:24	32:02	27:45	19:47	12:40	C
Control	ller A	1									(h	ours + r	nlr
Progra	m C	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
Total Progr Time pe		1:36	2:14	2:54	4:05	4:21	5:05	5:53	5:29	4:45	3:23	2:10	
Total Progr Time per	ram Run	1:36	2:14	2:54	4:05	4:21	5:05	5:53	5:29	4:45	3:23	2:10	
•		l -	ļ	<u> </u>	<u> </u>			<u> </u>	ļ.		I		
Control ALL Pro		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	(h Oct	ours + r	nlr
		10001		. ivicii	- ANI	IVICIV	Juli	Jul	- uu	Och	UUL	INUV	

1:36 2:14 2:54 4:05 4:21 5:05 5:53 5:29 4:45 3:23 2:10 1:36

4:35 6:21 8:16 11:38 12:24 14:29 16:47 15:38 13:32 9:39 6:10 4:35

		3011	EDU	LES	for	WATI	- 601	INA U	actor	27 10			
ESTAB	LISHE	D LA	NDSC	APIN	IG								
ETo Loc	ation:	Glendor	a (Los A	ngeles	co.)					Α	nnual E1	o Rate:	53.1
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	De
Monthly E	To Rate	2.00	2.50	3.60	4.90	5.40	6.10	7.30	6.80	5.70	4.20	2.60	2.0
Control	ller A		IRRIGA	TION SY	STEM '	A' FOR I	HOA-MA	INTAINE	D ARE	AS.			
Progra		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	De
Days per		1	2	2	3	3	3	4	3	3	2	2	1
Cycles p	er Day	1	1	1	1	1	1	1	1	1	1	1	1
Precipitati	on Rate											,	
<u>In. / Hr.</u>	Zone	Run Tir	ne per	Cycle							(min	utes + s	econ
0.96	A-8	27:53	19:17	25:05	23:32	25:05	29:17	25:26	31:36	27:22	29:16	18:43	27:
0.96	A-11	27:53	19:17	25:05	23:32	25:05	29:17	25:26	31:36	27:22	29:16	18:43	27:5
1.10	A-13	26:17	18:11	23:39	22:10	23:39	27:36	23:59	29:47	25:48	27:35	17:39	26:1
1.10	A-14	26:17	18:11	23:39	22:10	23:39	27:36	23:59	29:47	25:48	27:35	17:39	26:1
		Total R	un Tim	e per S	tation p	er Irriga	tion Da	у			(minu	utes + s	econ
Progra	ım A	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	De
dripline	A-8	27:53	19:17	25:05	23:32	25:05	29:17	25:26	31:36	27:22	29:16	18:43	27:5
dripline	A-11	27:53	19:17	25:05	23:32	25:05	29:17	25:26	31:36	27:22	29:16	18:43	27:
spray	A-13	26:17	18:11	23:39	22:10	23:39	27:36	23:59	29:47	25:48	27:35	17:39	26:
spray	A-14	26:17	18:11	23:39	22:10	23:39	27:36	23:59	29:47	25:48	27:35	17:39	26:
Control	ller A										(h	ours + r	nlnute
Progra		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	De
Total Prog		1:48	1:14	1:37	1:31	1:37	1:53	1:38	2:02	1:46	1:53	1:12	1:4
Time pe		1.40	1.14	1.57	1.51	1.57	1.55	1.50	2.02	1.40	1.55	1.12	1.4
Total Prog		1:48	2:29	3:14	4:34	4:52	5:41	6:35	6:08	5:18	3:47	2:25	1:4
Time per	Week	1.40	2.25	5.14	4.54	4.52	5.41	0.55	0.00	3.10	5.47	2.20	1.4
Progra		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	De
Days per		1	1	1	1	1	1	2	1	1	1	1	1
Cycles p	100	1	1	1	1	1	1	1	1	1	1	1	1
Precipitati	on Rate												
<u>ln. / Hr.</u>	Zone	Run Tir	ne per	Cycle							(min	utes + s	econ
0.71	A-10	23:33	32:36	42:24	59:39	63:36	74:15	43:00	80:06	69:23	49:28	31:39	23:3
0.71	A-15	23:33	32:36	42:24	59:39	63:36	74:15	43:00	80:06	69:23	49:28	31:39	23:3
0.71	A-16	23:33	32:36	42:24	59:39	63:36	74:15	43:00	80:06	69:23	49:28	31:39	23:3
		Total R	un Tim	e per S	tation p	er Irriga	ition Da	у			(minu	utes + s	econ
Progra	m B	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	De
dripline	A-10	23:33	32:36	42:24	59:39	63:36	74:15	43:00	80:06	69:23	49:28	31:39	23:
dripline	A-15	23:33	32:36	42:24	59:39	63:36	74:15	43:00	80:06	69:23	49:28	31:39	23:
dripline	A-16	23:33	32:36	42:24	59:39	63:36	74:15	43:00	80:06	69:23	49:28	31:39	23:3
Control	ller A										(h	ours + r	nlnut
Progra		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	De
Total Prog													

		100000000000000000000000000000000000000	2001 01,000,000	100000000000000000000000000000000000000	ASS 121 175 185		1971-1981-1981	W 14/10/1975)	70 10 100	10.00 \$10.00	10 10 10 10 10	A STATE OF THE STA
Total Prog Time pe		1:10	1:37	2:07	2:58	3:10	3:42	2:08	4:00	3:28	2:28	1:34	1:10
Total Prog		1:10	1:37	2:07	2:58	3:10	3:42	4:17	4:00	3:28	2:28	1:34	1:10
Progra	am C	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Days pe	r Week	1	1	1	1	1	1	1	1	1	1	1	1
Cycles p	er Day	1	1	1	1	1	1	1	1	1	1	1	1
Precipitat	ion Rate	•											
In. / Hr.	Zone	Run Tir	ne per	Cycle							(min	utes + se	econds)
0.71	A-1	09:25	13:02	16:58	23:51	25:27	29:42	34:24	32:02	27:45	19:47	12:40	09:25
0.71	A-2	08:01	11:05	14:25	20:17	21:38	25:15	29:14	27:14	23:35	16:49	10:46	08:01
0.71	A-3	09:25	13:02	16:58	23:51	25:27	29:42	34:24	32:02	27:45	19:47	12:40	09:25
4.82	A-4	03:28	04:48	06:15	08:48	09:23	10:57	12:41	11:49	10:14	07:18	04:40	03:28
0.71	A-5	09:25	13:02	16:58	23:51	25:27	29:42	34:24	32:02	27:45	19:47	12:40	09:25
0.71	A-6	06:36	09:08	11:52	16:42	17:49	20:47	24:05	22:26	19:26	13:51	08:52	06:36
0.71	A-7	09:25	13:02	16:58	23:51	25:27	29:42	34:24	32:02	27:45	19:47	12:40	09:25
4.82	A-9	03:28	04:48	06:15	08:48	09:23	10:57	12:41	11:49	10:14	07:18	04:40	03:28
4.82	A-12	01:23	01:55	02:30	03:31	03:45	04:23	05:04	04:43	04:06	02:55	01:52	01:23
0.71	A-17	09:25	13:02	16:58	23:51	25:27	29:42	34:24	32:02	27:45	19:47	12:40	09:25
0.71	A-18	09:25	13:02	16:58	23:51	25:27	29:42	34:24	32:02	27:45	19:47	12:40	09:25
0.71	A-19	08:01	11:05	14:25	20:17	21:38	25:15	29:14	27:14	23:35	16:49	10:46	08:01
0.71	A-20	09:25	13:02	16:58	23:51	25:27	29:42	34:24	32:02	27:45	19:47	12:40	09:25
		Total R	un Time	e per St	tation p	er Irriga	tion Da	у			(min	utes + s	econds)
Progra	am C	Jan	Feb	Mar	Apr	May	Jun	Jul	Aua	Sep	Oct	Nov	Dec

		Total R	un Time	e per St	ation p	er Irriga	tion Da	y			(min	utes + s	econds
Progra	m C	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
dripline	A-1	09:25	13:02	16:58	23:51	25:27	29:42	34:24	32:02	27:45	19:47	12:40	09:25
dripline	A-2	08:01	11:05	14:25	20:17	21:38	25:15	29:14	27:14	23:35	16:49	10:46	08:01
dripline	A-3	09:25	13:02	16:58	23:51	25:27	29:42	34:24	32:02	27:45	19:47	12:40	09:25
bubbler	A-4	03:28	04:48	06:15	08:48	09:23	10:57	12:41	11:49	10:14	07:18	04:40	03:28
dripline	A-5	09:25	13:02	16:58	23:51	25:27	29:42	34:24	32:02	27:45	19:47	12:40	09:25
dripline	A-6	06:36	09:08	11:52	16:42	17:49	20:47	24:05	22:26	19:26	13:51	08:52	06:36
dripline	A-7	09:25	13:02	16:58	23:51	25:27	29:42	34:24	32:02	27:45	19:47	12:40	09:25
bubbler	A-9	03:28	04:48	06:15	08:48	09:23	10:57	12:41	11:49	10:14	07:18	04:40	03:28
bubbler	A-12	01:23	01:55	02:30	03:31	03:45	04:23	05:04	04:43	04:06	02:55	01:52	01:23
dripline	A-17	09:25	13:02	16:58	23:51	25:27	29:42	34:24	32:02	27:45	19:47	12:40	09:25
dripline	A-18	09:25	13:02	16:58	23:51	25:27	29:42	34:24	32:02	27:45	19:47	12:40	09:25
dripline	A-19	08:01	11:05	14:25	20:17	21:38	25:15	29:14	27:14	23:35	16:49	10:46	08:01
dripline	A-20	09:25	13:02	16:58	23:51	25:27	29:42	34:24	32:02	27:45	19:47	12:40	09:25
		-											
Control	ler A										(h	ours + n	nInutes
Progra	m C	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total Progr	W0000	1:36	2:14	2:54	4:05	4:21	5:05	5:53	5:29	4:45	3:23	2:10	1:36

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1:36	2:14	2:54	4:05	4:21	5:05	5:53	5:29	4:45	3:23	2:10	1:36
1:36	2:14	2:54	4:05	4:21	5:05	5:53	5:29	4:45	3:23	2:10	1:36
									es.	3	
									(h	ours + r	nInutes)
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1:48	2:14	2:54	4:05	4:21	5:05	5:53	5:29	4:45	3:23	2:10	1:48
4:35	6:21	8:16	11:38	12:24	14:29	16:47	15:38	13:32	9:39	6:10	4:35
	1:36 1:36 Jan 1:48	1:36 2:14 1:36 2:14 Jan Feb 1:48 2:14	1:36 2:14 2:54 1:36 2:14 2:54 Jan Feb Mar 1:48 2:14 2:54	1:36 2:14 2:54 4:05 1:36 2:14 2:54 4:05 Jan Feb Mar Apr 1:48 2:14 2:54 4:05	1:36 2:14 2:54 4:05 4:21 1:36 2:14 2:54 4:05 4:21 Jan Feb Mar Apr May 1:48 2:14 2:54 4:05 4:21	1:36 2:14 2:54 4:05 4:21 5:05 1:36 2:14 2:54 4:05 4:21 5:05 Jan Feb Mar Apr May Jun 1:48 2:14 2:54 4:05 4:21 5:05	1:36 2:14 2:54 4:05 4:21 5:05 5:53 1:36 2:14 2:54 4:05 4:21 5:05 5:53 Jan Feb Mar Apr May Jun Jul 1:48 2:14 2:54 4:05 4:21 5:05 5:53	1:36 2:14 2:54 4:05 4:21 5:05 5:53 5:29 1:36 2:14 2:54 4:05 4:21 5:05 5:53 5:29 Jan Feb Mar Apr May Jun Jul Aug 1:48 2:14 2:54 4:05 4:21 5:05 5:53 5:29	1:36 2:14 2:54 4:05 4:21 5:05 5:53 5:29 4:45 1:36 2:14 2:54 4:05 4:21 5:05 5:53 5:29 4:45 Jan Feb Mar Apr May Jun Jul Aug Sep 1:48 2:14 2:54 4:05 4:21 5:05 5:53 5:29 4:45	1:36 2:14 2:54 4:05 4:21 5:05 5:53 5:29 4:45 3:23 1:36 2:14 2:54 4:05 4:21 5:05 5:53 5:29 4:45 3:23 (h Jan Feb Mar Apr May Jun Jul Aug Sep Oct 1:48 2:14 2:54 4:05 4:21 5:05 5:53 5:29 4:45 3:23	1:36 2:14 2:54 4:05 4:21 5:05 5:53 5:29 4:45 3:23 2:10 1:36 2:14 2:54 4:05 4:21 5:05 5:53 5:29 4:45 3:23 2:10 (hours + n

Note These irrigation schedules are based on:

- Estimated soil infiltration rates and moisture holding capacities from site-specific
- Average ETo rates from California Department of Water Resources' CIMIS (California Irrigation Management Information System) data or "Reference Evapotranspiration Values for Selected Locations in California" (A Guide to Estimating Irrigation Water Needs of Landscape Plantings in California – Appendix A).
- Estimates of plant material water needs based on species and microclimates, per WUCOLS (Water Use Classification of Landscape Species).
- Estimates of plant root depths.
- Estimated irrigation precipitation rates from manufacturers' catalog data.
- Estimates of irrigation system application efficiencies derived from state of California or local Water Efficient Landscape Ordinances.
- Industry-accepted formulas for calculating landscape irrigation system run time,
- cycles, and frequency.

These irrigation schedules are meant to be used as a guideline only, and do not take the place of proper, ongoing system management. Variances from the estimated site and climatic conditions, plant material water needs, and irrigation parameters will require ongoing adjustments to these calculated baseline schedules.

HOA-MAINTAINED LANDSCAPE AREAS

WATER EFFICIENT LANDSCAPE WORKSHEET

Reference Ev	va potranspira	ation (ETo)	53.10	ETA	F for MAWA	0.55	(Residenti
Hydrozone # /Planting	Plant Factor (PF)	Irrigation Method ^b	Irrigation Efficiency	ETAF (PF/IE)	Landscape Area (sq. ft.)	ETAF x Area	Estimated To Water Use
Descriptiona Regular Landscape Areas			(IE)c				(ETWU)d
TS - turf	0.80	spray	0.75	1.07	1,783	1,902	62,613
TD - turf	0.80	drip	0.81	0.99	1,455	1,437	47,310
MD - moderate plants	0.50	drip	0.81	0.62	2,325	1,435	47,249
LD - low water plants	0.20	drip	0.81	0.25	6,900	1,704	56,089
MB - moderate bubblers	0.50	drip	0.81	0.62			
LB - low water bubblers	0.20	drip	0.81	0.25			
			•	Totals	12,463	6,478	213,262
Special Landscape Areas							
turf				1			
moderate plants				1			
low water plants				1			
	·			Totals			
			,			ETWU Total	213,262
	-	-	Maxim	um Allowed	Water Allowan	ce (MAWA) ^e	225,669

^aHydrozone#/Planting Description 2.) low water use plantings 3.) medium water use planting

^bIrrigation Method ^cIrrigation Efficiency overhead spray 0.75 for spray head

dETWU (Annual Gallons Required) = Eto x 0.62 x ETAF x Area factor that converts acreinches per acre per year to gallons per square foot per

eMAWA (Annual Gallons Allowed) = (Eto) (0.62) [(ETAF x LA) + ((1-ETAF) x SLA)] w here 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year, LA is the total landscape area in square feet, SLA is the total special landscape area in and ETAF is .55 for residential areas and 0.45 for non-residential areas.

ETAF Calculations

Regular Landscape Are	eas			
Total ETAF x Area	6,478		Average ETAF for Regular	Landscape Areas must
Total Area	12,463		be 0.55 or below for reside	
Average ETAF	0.52		below for non-residential	
All Landscape Areas		-		
Total ETAF x Area	6,478			
Total Area	12,463	Eto data for	Glendora (LA county)	
	,			

UNIT	SQ. FEET	"LOW"	"MODERAT
1	1099	279	820
2	433	107	326
3	474	107	367
4	411	107	304
5	460	104	356
6	401	96	305
7	462	115	347
8	337	105	232
9	474	109	365
10	405	104	301
11	505	118	387
12	531	121	410
13	462	121	341
14	1025	316	709
15	996	199	797
16	773	174	599
17	829	266	563
18	892	272	620
1 9	1053	270	783
20	1364	330	1034
21	1355	348	1007
22	1316	258	1058

HOMEOWNER-MAINTAINED LANDSCAPE AREAS

WATER EFFICIENT LANDSCAPE WORKSHEET

	WAI	EK EFFICI	ENI LANDS	CAPE WO	KKSHEEI		
Reference Ev	apotranspira	ation (ETo)	53.10	ETA	F for MAWA	0.55	(Residenti
Hydrozone #	Plant	Irrigation	Irrigation	ETAF	Landscape	ETAF x Area	Estimated T
/Planting	Factor (PF)	Methodb	Efficiency	(PF/IE)	Area (sq. ft.)		Water Us
Description ^a			(IE)c				(ETWU)d
Regular Landscape Areas							
TS - turf	0.80	spray	0.75	1.07			
TD - turf	0.80	drip	0.81	0.99			
MD - moderate plants	0.50	drip	0.81	0.62	12,031	7,427	244,497
LD - low water plants	0.20	drip	0.81	0.25	4,026	994	32,727
MB - moderate bubblers	0.50	drip	0.81	0.62			
LB - low water bubblers	0.20	drip	0.81	0.25			
		•		Totals	16,057	8,421	277,224
Special Landscape Areas			•				
turf				1			
moderate plants				1			
low water plants				1			
				Totals			
			I	na managani magani in	-1	ETWU Total	277,224
			Maxim	um Allowed	Water Allowan	ce (MAWA)e	290,746

^aHydrozone#/Planting Description 2.) low water use plantings 3.) medium water use planting

^bIrrigation Method overhead spray 0.75 for sprayhead dETWU (Annual Gallons Required) w here 0.62 is a conversion inches per acre per year to gallons persquare foot per

5/31/16

 e MAWA (Annual Gallons Allowed) = (Eto) (0.62) [(ETAF x LA) + ((1-ETAF) x SLA)] w here 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year, LA is the total landscape area in square feet, SLA is the total special landscape area in and ETAF is .55 for residential areas and 0.45 for non-residential areas.

ETAF Calculations

Regular Landscape Area	is
Total ETAF x Area	8,421
Total Area	16,057
Average ETAF	0.52
All Landscape Areas	
Total ETAF x Area	8,421
Total Area	16,057
AND SECURITY OF THE PROPERTY O	THE PARTY OF THE P

Average ETAF for Regular Landscape Areas must be 0.55 or below for residential areas, and 0.45 or below for non-residential areas.

Eto data for Glendora (LA county) from MWELO Appendix A

WATER EFFICIENT LANDSCAPE ORDINANCE NOTE

THIS PLAN COMPLIES WITH THE CRITERIA OF THE CITY OF COVINA WATER EFFICIENT LANDSCAPE ORDINANCE 10-1979 AND HAS APPLIED AMENDING CHAPTER 17.82 SECTION 060 REQUIREMENTS FOR THE EFFICIENT USE OF WATER IN THIS LANDSCAPE IRRIGATION PLAN.

03.29.16 IST CITY SUBMITTAL 06.22.16 2ND CITY SUBMITTAL

ARCHITECTURE

9 507 30th St. Newport Beach, CA 92663

3 949.675.9964

mjs-la.com

PROJECT:

TT# 072718 Condominiums

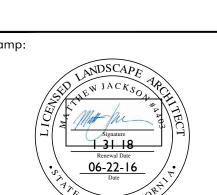
16050 EAST SAN BERNARDINO ROAD COVINA, CA 91722

LS 16032902

CLIENT:

WATT Communities

2716 Ocean Park Blvd. Suite 2025 Santa Monica, CA 90405



Drawn By: WRD Checked By: MJ

Plan Date: **JUNE** 22, 2016 Scale: NONE

WATER USE CALC'S 2 & IRRIGATION **SCHEDULES**

2nd CITY SUBMITTAL