

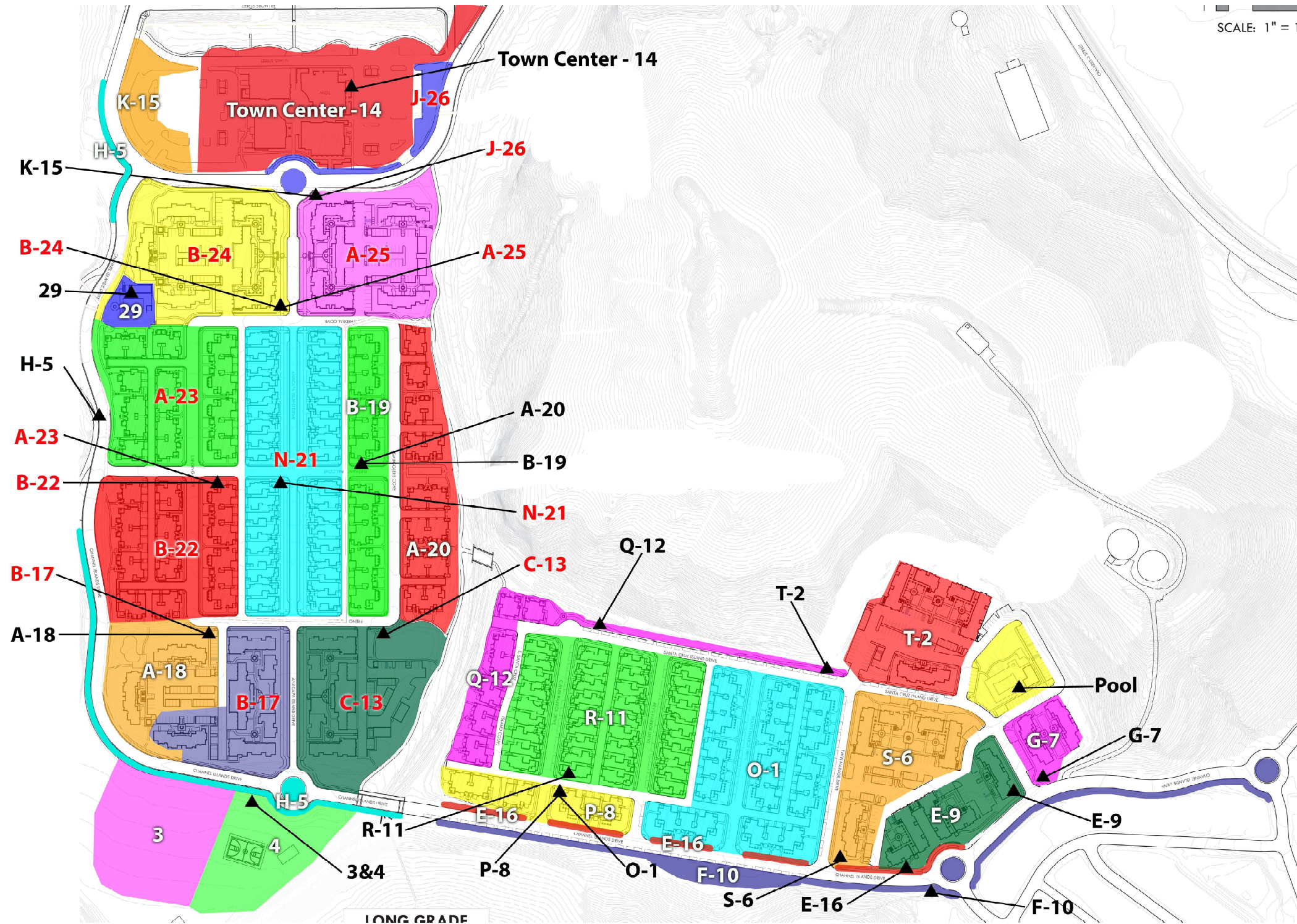
University Glen Irrigation Clock Maps

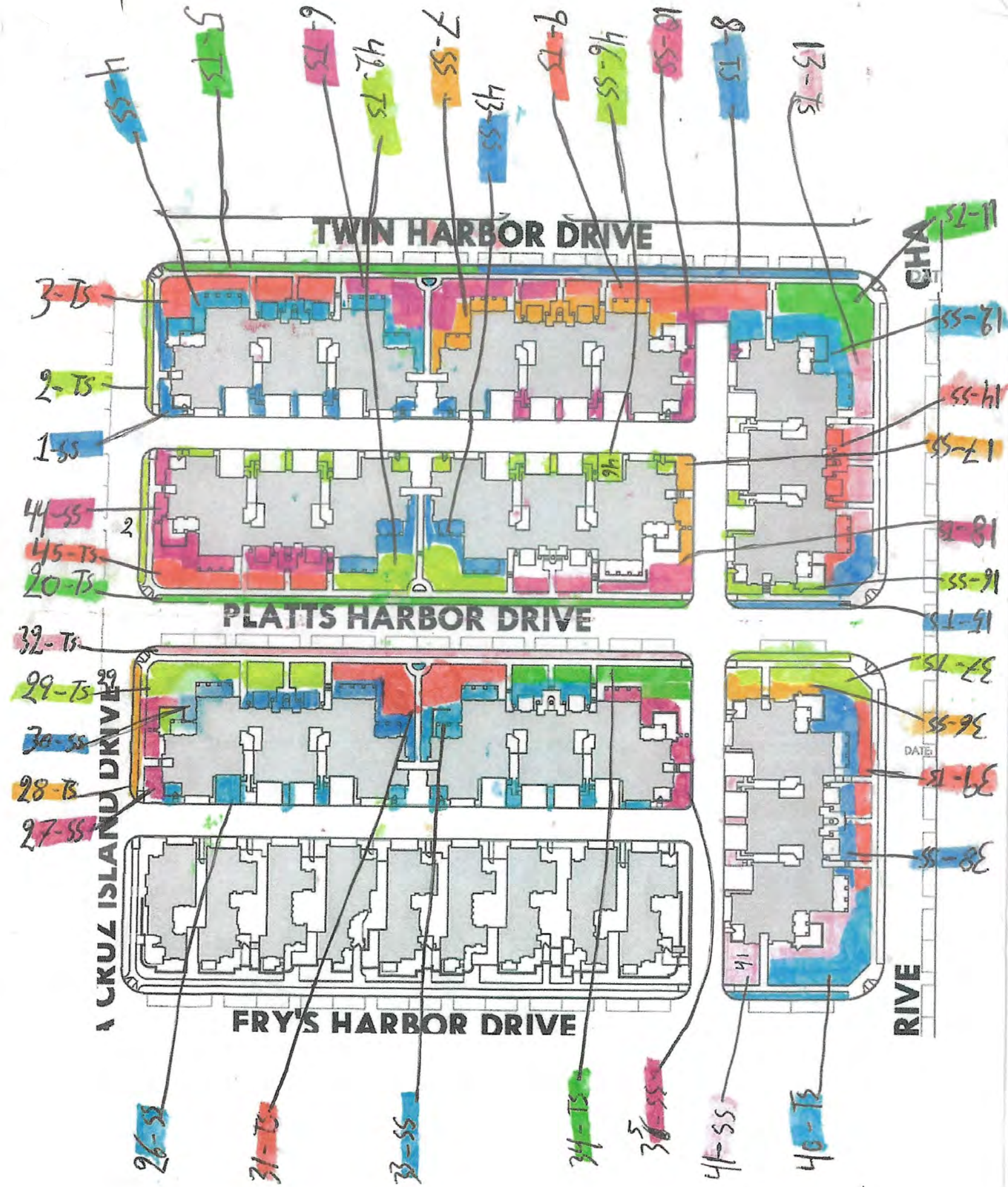
Compiled August 2021

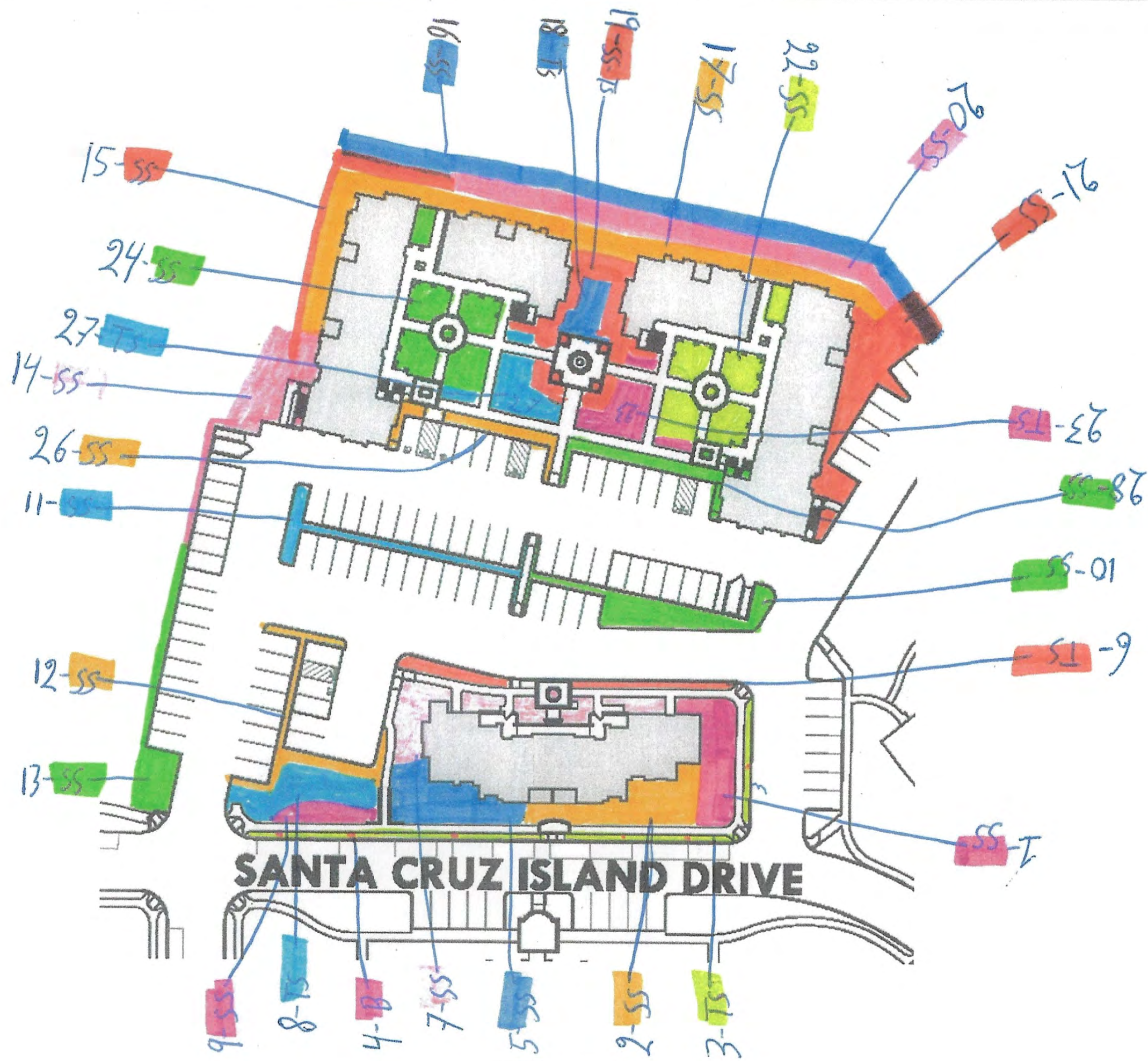
University Glen – Irrigation System Maps

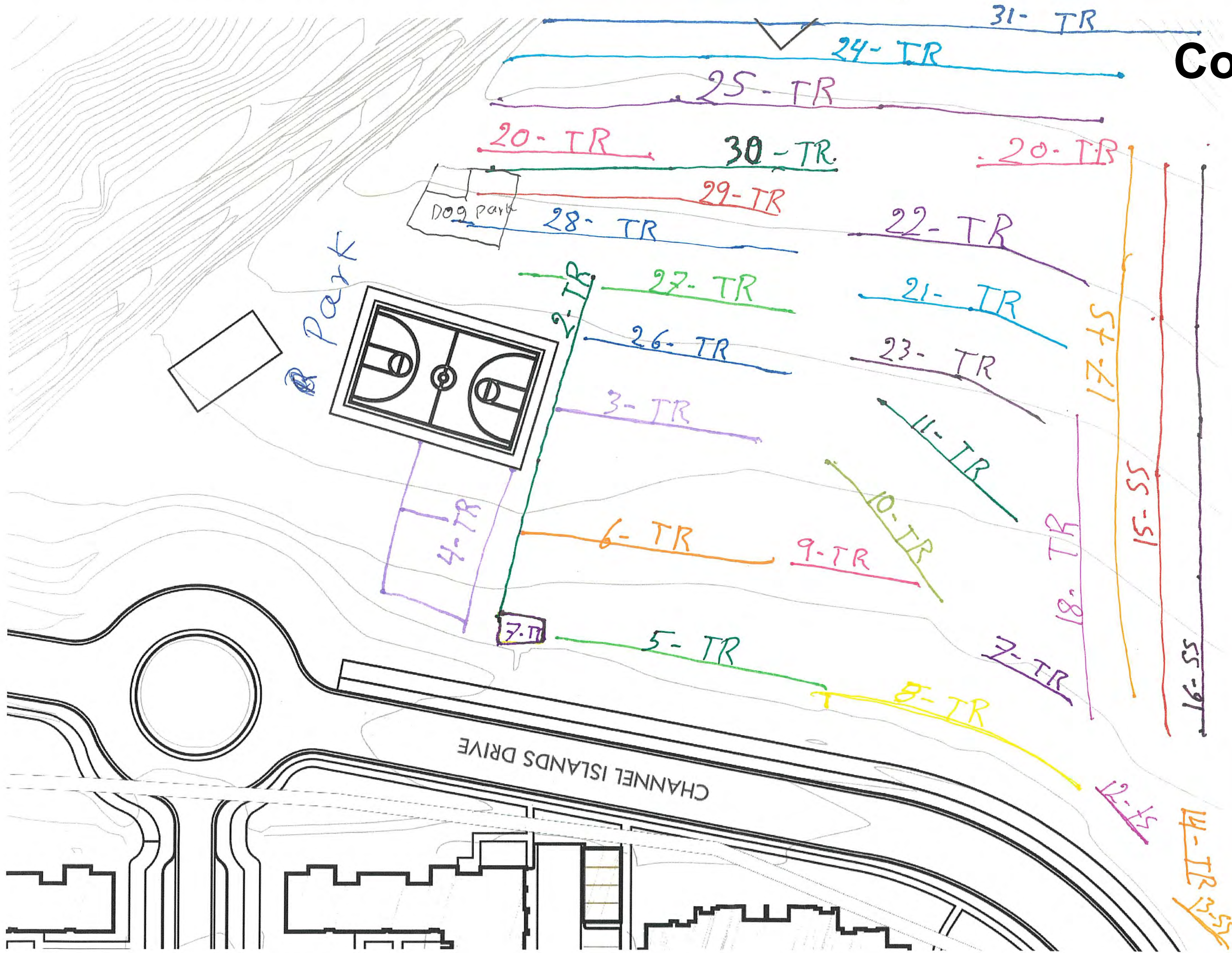
Page Number	Controller Designation	Preferred Name	U Glen Name in CSUCI Control System
1		University Glen Irrigation Clock Map Overview	
2	Controller O-1	900-1000 Block of C.I. Dr.; Townhomes Twin Harbor & Platts Harbor	Cuyler St
3	Controller T-2		Santa Cruz Island
4	Controller 3	Community Park North	U-Glen park at roundabout 48 (Valves)
5	Controller 4	Community Park South	U-Glen park at roundabout 24 (Valves)
6	Controller H-5	Channel Islands and Elephant Seal	Rincon to Big Dog Park (Clock H)
7	Controller S-6		Corner of Channel Islands and Twin Harbor
8	Controller G-7		Santa Cruz and Channel Islands Dr. (G)
9	Controller P-8		Cuyler Harbor 1 st Alley right side (P)
10	Controller E-9		Santa Cruz and Channel Islands Dr. (E)
11	Controller F-10		Channel Islands Dr. to Santa Cruz Island Dr.
12	Controller R-11		Cuyler Harbor 1 st Alley (R)
13	Controller Q-12	Santa Cruz Island Dr. along Long Grade Creek	Santa Cruz along creek
14	Controller C-13 (1)	Frenchy's, Anacapa, and Long Grade Canyon Creek	Frenchy's and Smuggler's Cove
15	Controller C-13 (2)	Frenchy's, Anacapa, and Long Grade Canyon Creek	Frenchy's and Smuggler's Cove
16	Town Center-14		U-Glen Town Center
17	Controller K-15		Corner of Anacapa and Rincon St.
18	Controller E-16		Channel Islands Roundabout (E)
19	Controller B-17		Frenchy's and Landing Cove (A)
20	Controller A-18		Frenchy's and Landing Cove (B)
21	Controller B-19		Elephant Seal and Smuggler's Cove (B)
22	Controller A-20 (1)		Elephant Seal and Smuggler's Cove (A)
23	Controller A-20 (2)		Elephant Seal and Smuggler's Cove (A)
24	Controller A-20 (3)		Elephant Seal and Smuggler's Cove (A)
25	Controller N-21		Elephant Seal and Landing Cove (N)
26	Controller B-22		Elephant Seal and Landing Cove (B)
27	Controller A-23		Elephant Seal and Landing Cove (A)
28	Controller B-24		Anacapa and Cathedral Cove (B)
29	Controller A-25		Anacapa and Cathedral Cove (A)
30	Controller J-26		Anacapa and Rincon Dr.
31	Clock D-27		Corner of Channel Islands and Camarillo St.
32	Clock C-28		Channel Islands and Camarillo St.
33	Equipment Room-29	Townside Pool Equipment Room	Landing Cove Pool Equipment Room

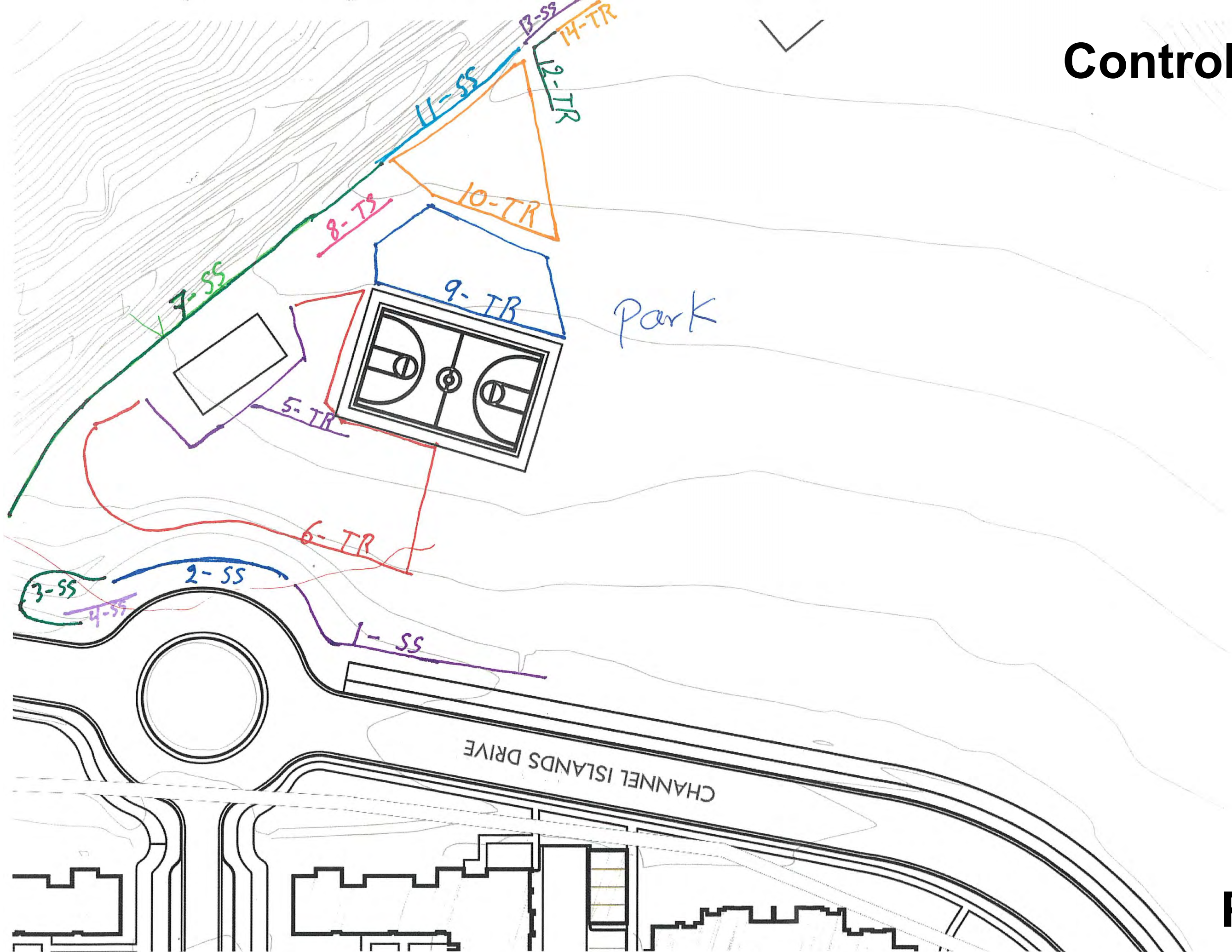
Irrigation Clock Map Overview



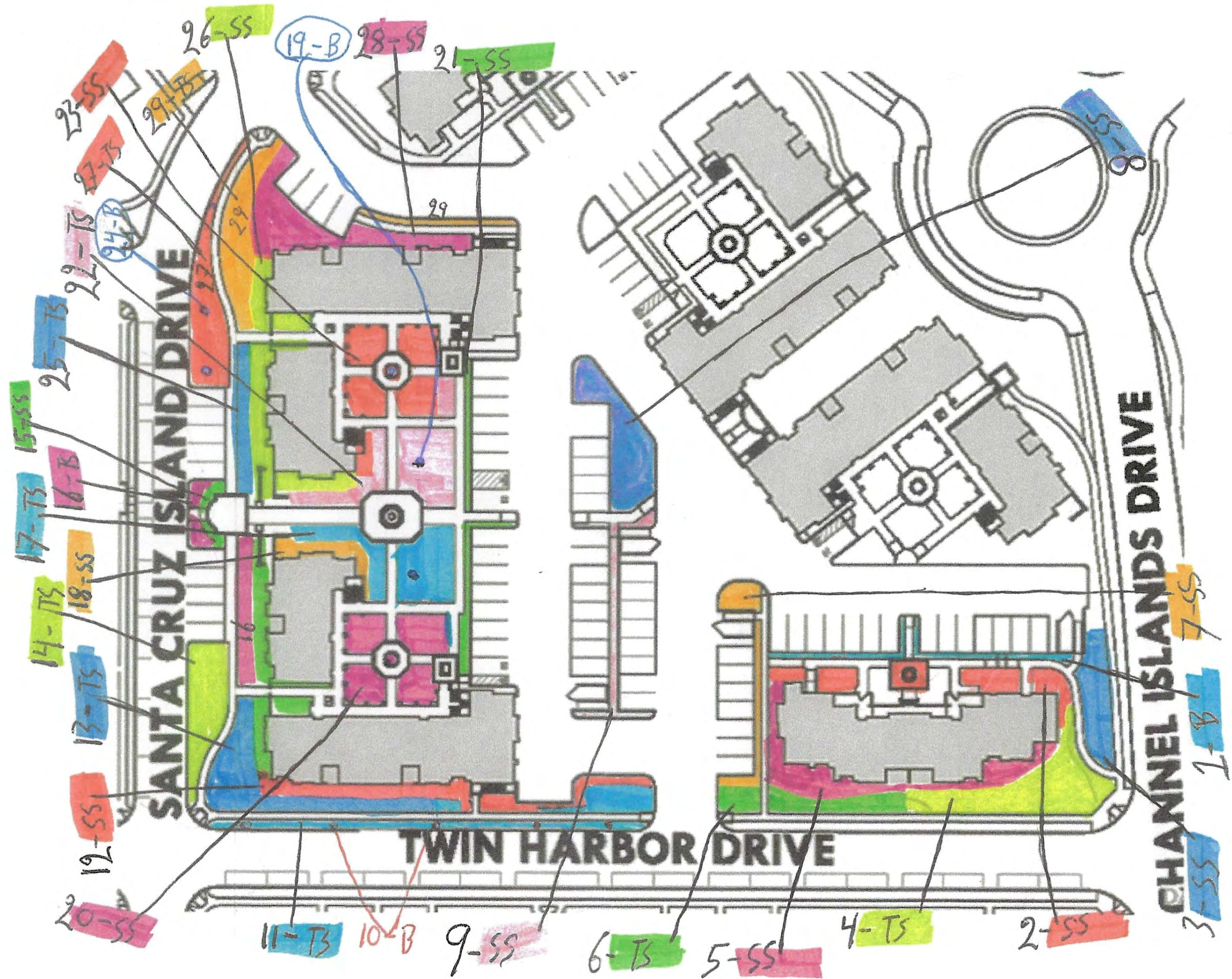




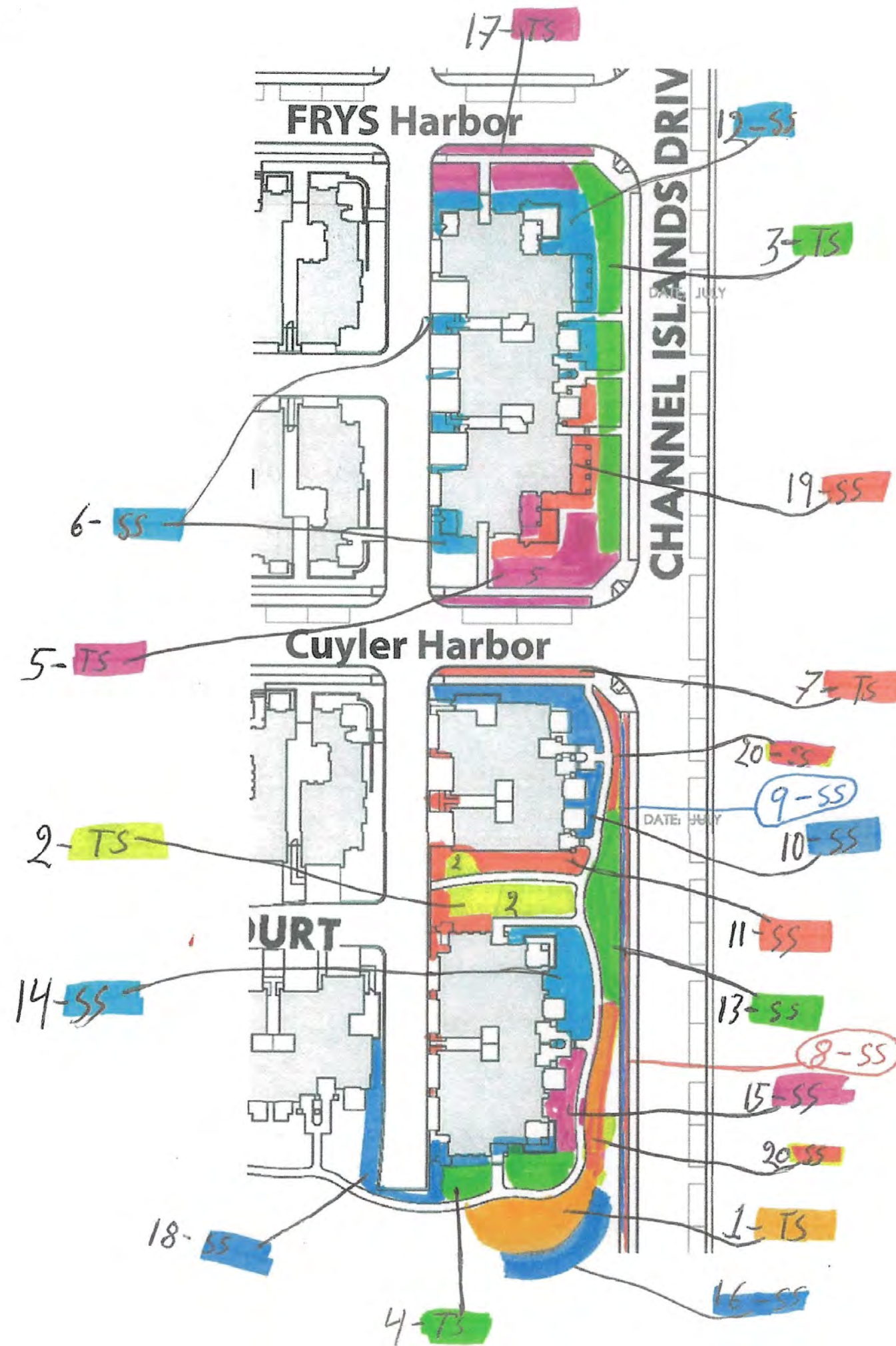








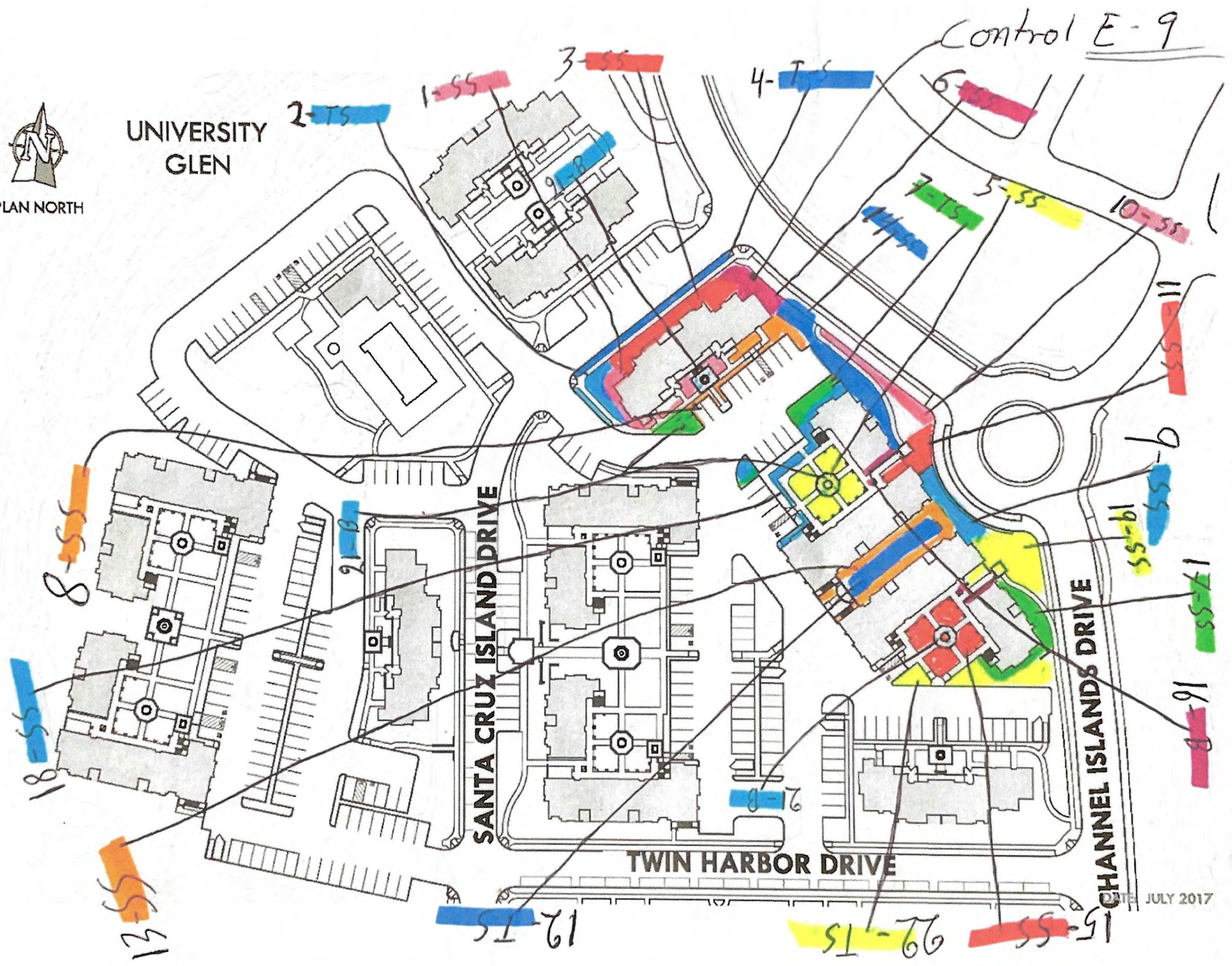


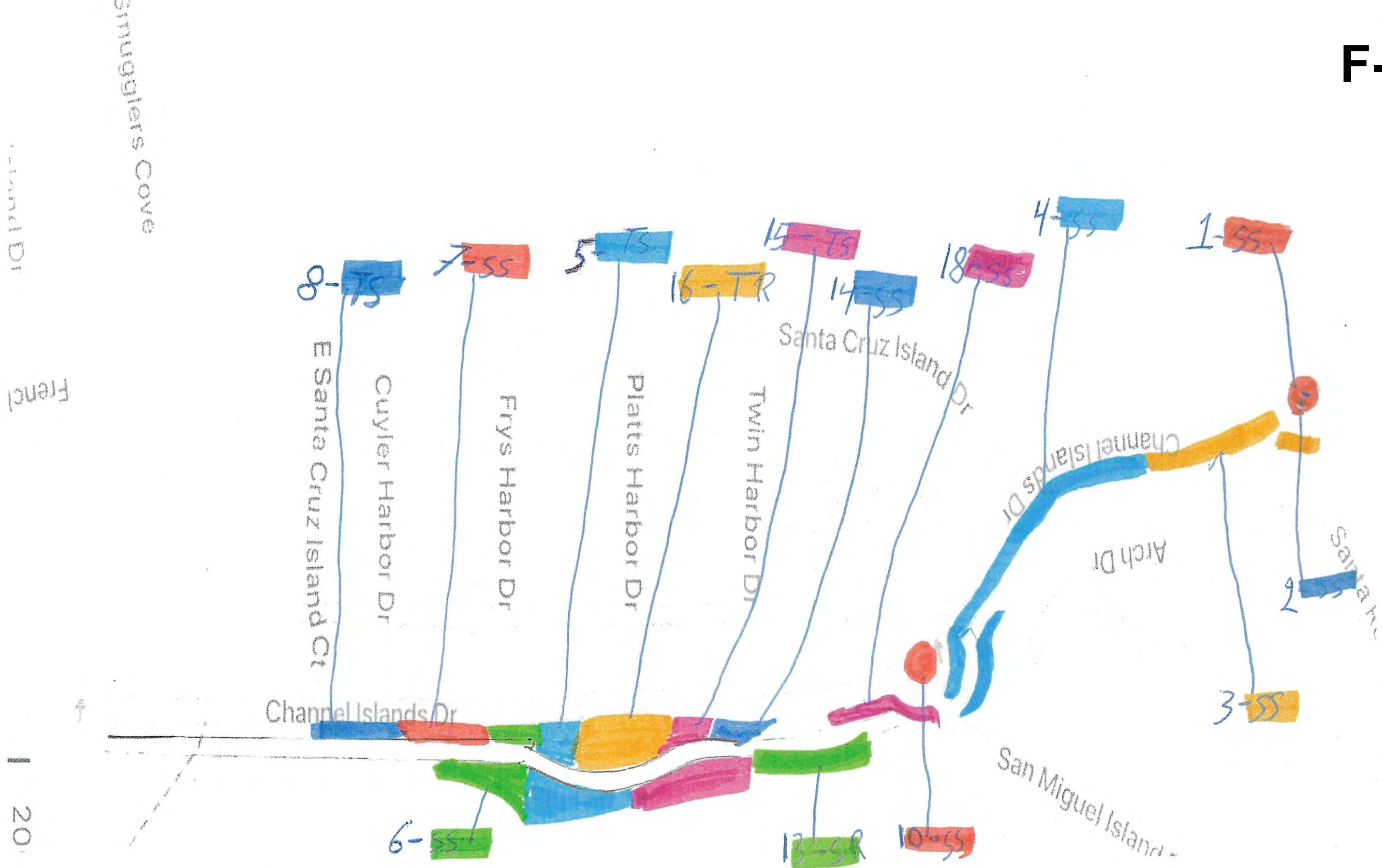


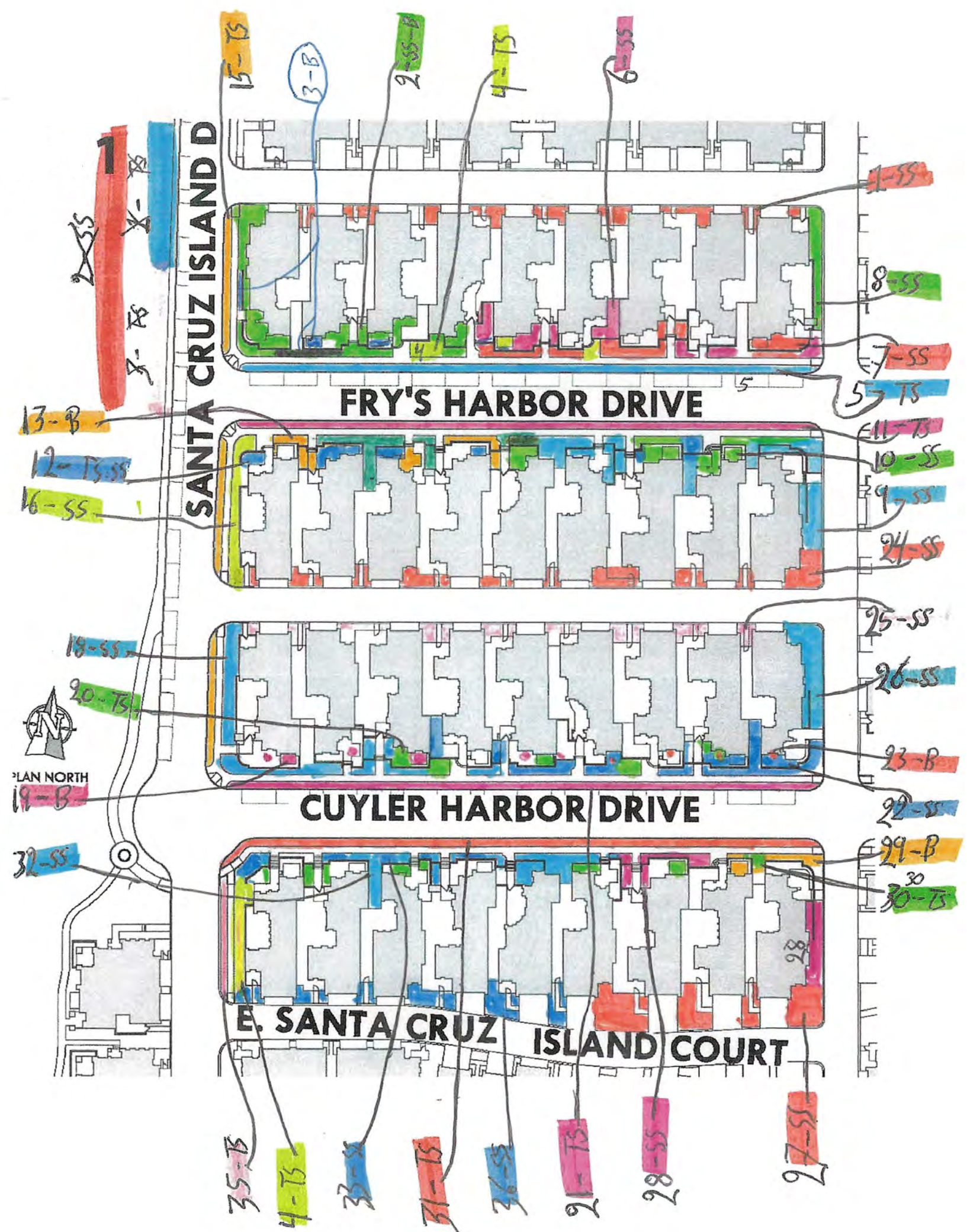
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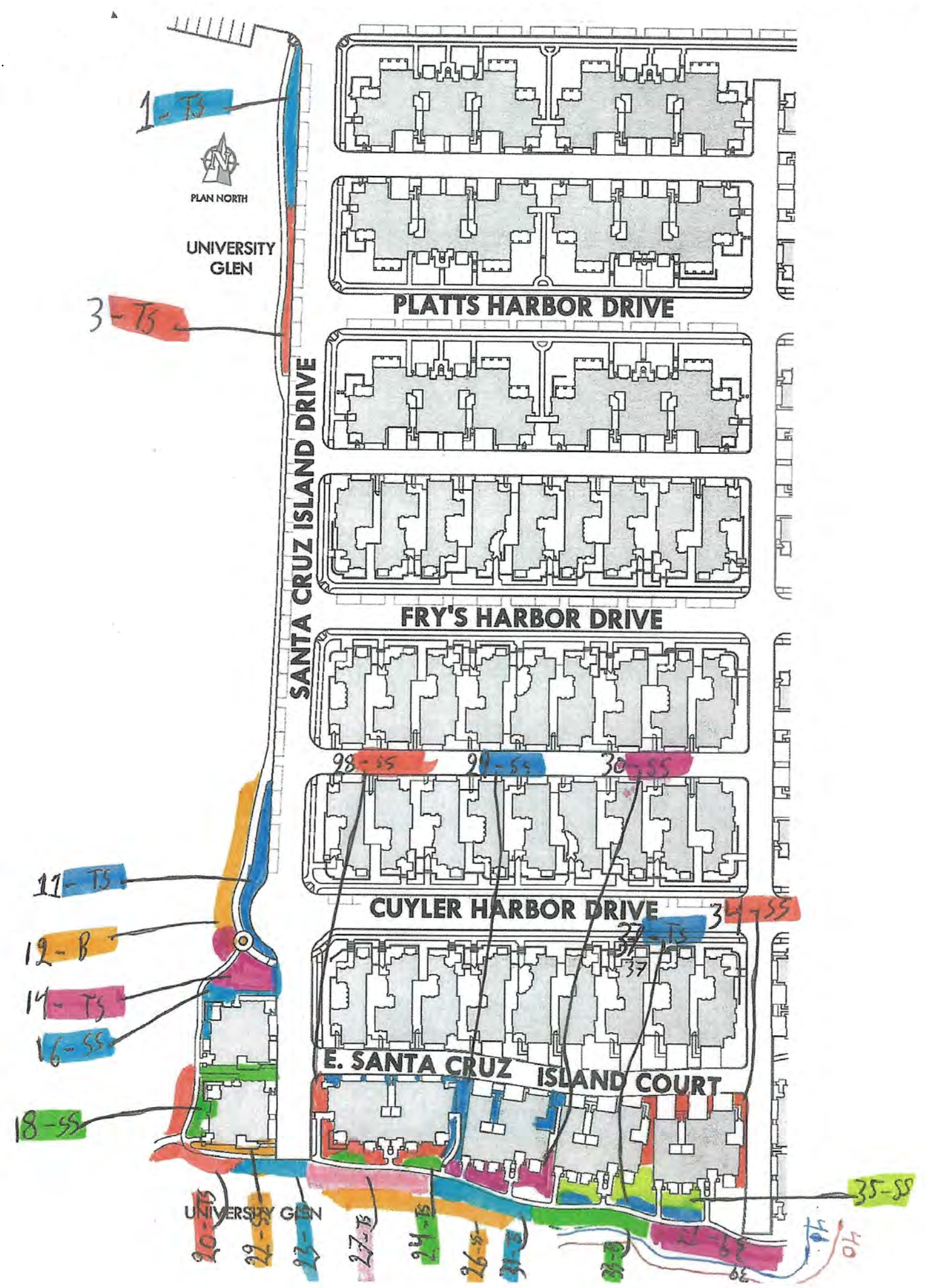


UNIVERSITY
GLEN

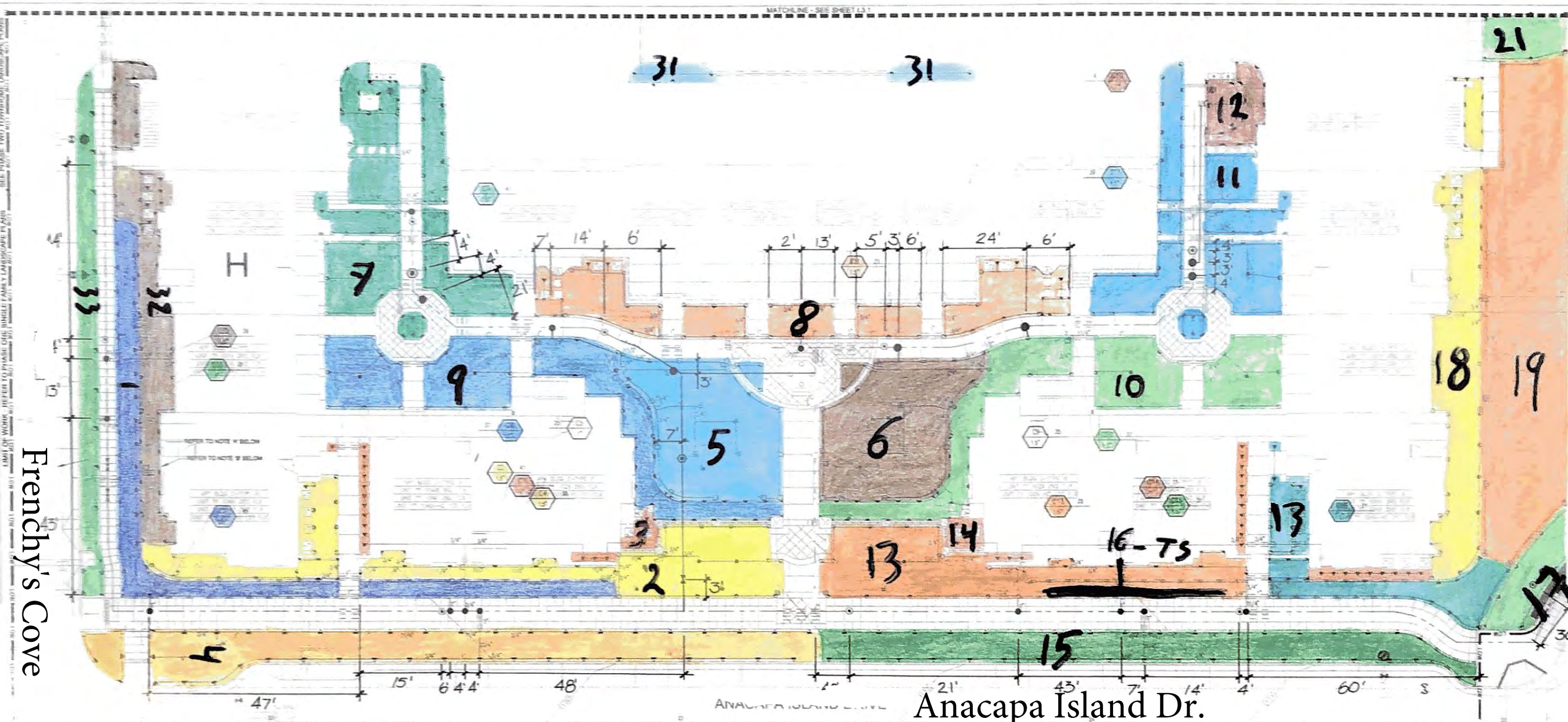








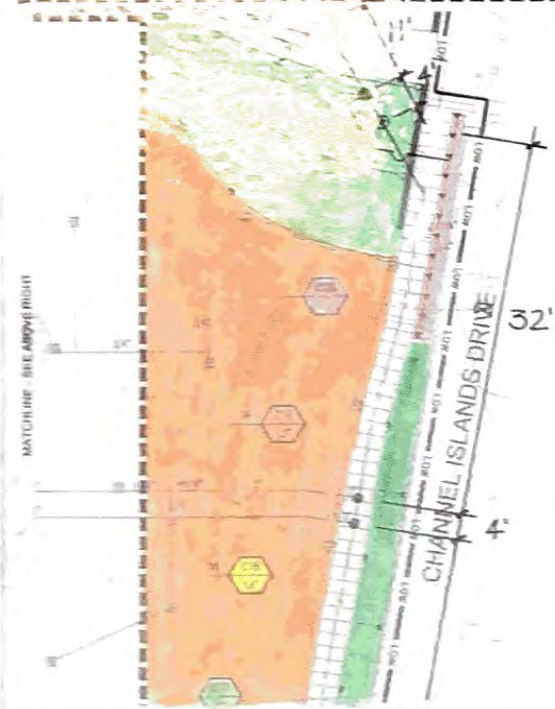
C-13 (1)



20

Frenchy's Cove

Anacapa Island Dr.



NOTE A
POC 2 TO BE A DOMESTIC (FUTURE RECLAIMED) SERVICE LINE. VERIFY SIZE, LOCATION, AND PRESSURE IN FIELD WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO COMMENCING WORK.
MINIMUM REQUIRED STATIC PRESSURE 75 PSI
DESIGN PRESSURE 64 PSI
MAXIMUM DEMAND 48 GPM

NOTE B
CONTROLLER "C" SHALL BE ONE CALSENSE MCO # ET200-40-MR-TP110, ONE CONTROLLER WITH PHONE MODEM CONNECTION. CONTROLLER SHALL BE INSTALLED WITHIN A STAINLESS STEEL ENCLOSURE (SEE LEGEND FOR TYPE). CONTRACTOR SHALL CONNECT TO PHONE LINE PROVIDED BY OTHERS. LINE SHALL BE INSTALLED INTO THE ENCLOSURE AND CONNECTED TO THE TELEPHONE MODEM JACK ON THE CONTROLLER. TELEPHONE LINE BETWEEN TELEPHONE COMPANY BOX AND CONTROLLER SHALL BE INSTALLED INSIDE A ONE INCH SCH. 40 PVC CONDUIT. VERIFY THE NEAREST LOCATION OF TELEPHONE BOX IN THE FIELD PRIOR TO BIDDING WORK. FINAL LOCATION OF TELEPHONE BOX AND ELECTRICAL POC SHALL BE CONFIRMED WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO COMMENCING WORK. MAKE CONNECTIONS AS REQUIRED, PER MANUFACTURER'S RECOMMENDATIONS. VERIFY ALL LAYOUT IN FIELD WITH OWNER'S AUTHORIZED REPRESENTATIVE.

WATER PRESSURE CALCULATIONS			
POC NUMBER:	2	POC SIZE:	NA
HYDRANTIC GRADE LINE:	NA	POC ELEVATION:	75
ELEVATION DIFFERENCE:	NA	MINIMUM STATIC PRESSURE (PSI) REQUIRED:	75
REMOTE CONTROL VALVE #:	002	REMOTE CONTROL VALVE SIZE:	1/2"
R.C.V. DEMAND (GPM):	48	TOTAL DEMAND (GPM):	48
R.C.V. ELEVATION:	NA	STATIC PRESSURE AT R.C.V.:	
SIZE:	DESCRIPTION:	PSI LOSS:	
NA	SERVICE LINE	1	0.0
NA	WATER METER	1	0.0
2"	BACKFLOW PREVENTER	6	12.0
27"	1/2" G.P. BALL VALVE	0	0.0
11/2"	WATER CONTROL VALVE	0	0.0
27"	1/2" G.P. BALL VALVE	0	0.0
11/2"	1/2" OF MAINLINE TYPE CL 215	7	1.4
11/2"	1/2" OF MAINLINE TYPE	8	1.6
11/2"	REMOTE CONTROL VALVE	0	0.0
1/2"	ATRIAL LINE LOSS	10	2.0
1/2"	1" TYPING LOSS	11	2.2
NA	ELEVATION CHANGE (P.O.C. TO HIGHEST HEAD)	12	24.0
	TOTAL SYSTEM PRESSURE LOSS (SUM OF #1 THROUGH #12)	38	76.0
	PRESSURE REQUIRED AT HEAD	14	28.0
	TOTAL PRESSURE REQUIRED (SUM OF #13 AND #14)	15	30.0
	STATIC WATER PRESSURE (FROM MAIN)	16	32.0
	RESIDUAL PRESSURE (SUBTRACT #15 FROM #16)	17	2.0
	SET PRESSURE (MAY BE 15 PLUS 10 PSI)	18	5.0
	PROPOSED PRESSURE (IF REQUIRED) (MAY BE 20 PSI)	19	5.0

Controller	C	PLANT TYPE / SPRINKLER TYPE	IRRIGATION CONTROLLER RUN TIMES				QUANTITY	RUN TIME (HOURS)
			Eq	AVG	PR RATE	E		
		Drop Per Week						
		Shrub and Ground Covers						
		Sandy Heads	6.00	0.40	1.74	0.70	0.06	1.10
		Stream Water Heads	6.00	0.40	0.50	0.80	0.23	0.47
		Drip	6.00	0.40	0.84	0.90	0.18	0.36
		Turf Grass	6.00	0.80	1.74	0.70	0.15	0.30
		Sandy Heads	6.00	0.80	0.50	0.80	0.47	0.94
		Stream Water Heads						
		Turf						
		Butter Heads	6.00	0.80	3.00	1.00	0.06	0.12
			TOTAL NUMBER OF STATIONS:		33	TOTAL RUN TIME IN HOURS:		4.34

NOTE:
BUBBLERS AND LATERAL LINES ARE SHOWN WITHIN PAVING FOR CLARITY ONLY. ACTUAL LOCATION TO BE WITHIN PLANTER.
BUBBLER SIZE SHALL BE ALIGNED WITH TREES AND AS DIRECTED BY OWNER'S AUTHORIZED REPRESENTATIVE. CONFIRM ALL LAYOUT IN FIELD WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO COMMENCING WORK.

NOTE:
MAINLINE AND LATERAL LINES SHOWN WITHIN PAVING, BUILDINGS, AND OUTSIDE OF LIMITS OF WORK FOR CLARITY ONLY. ACTUAL MAINLINE LOCATION TO BE WITHIN PLANTERS AND A MINIMUM OF 18" OFF ADJACENT HARDSCAPE AND OTHER OBSTACLES TYPICAL. VERIFY ALL LAYOUT IN FIELD WITH OWNER'S AUTHORIZED REPRESENTATIVE.

NOTE:
CONTRACTOR SHALL ADJUST ALL HEADS AS REQUIRED TO ACCOMMODATE ANY VERTICAL OBSTRUCTIONS THAT MAY OCCUR, INCLUDING BUT NOT LIMITED TO LIGHT POLES, FIRE HYDRANTS, ETC. VERIFY ALL HEAD LAYOUT WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO COMMENCING WORK.

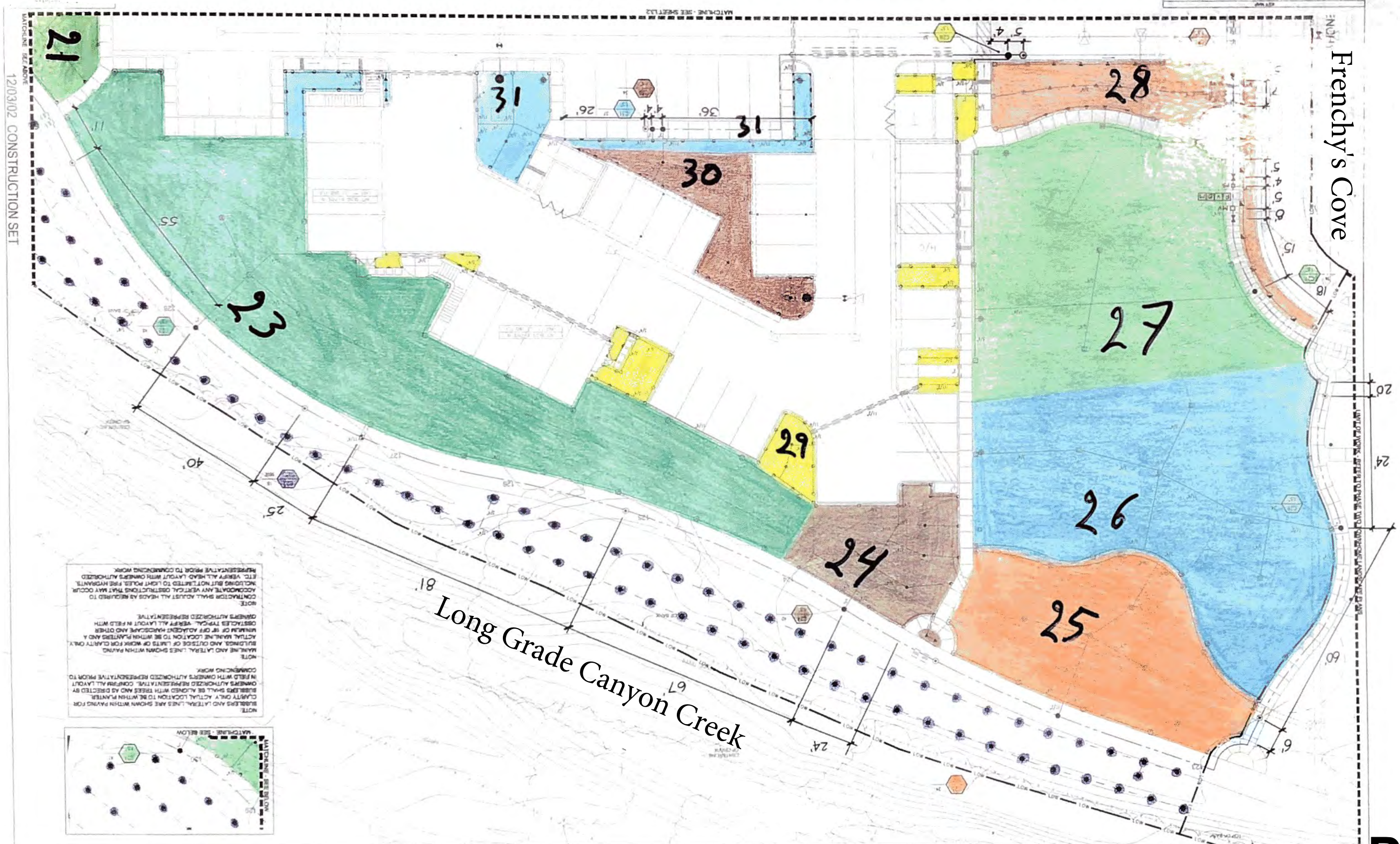


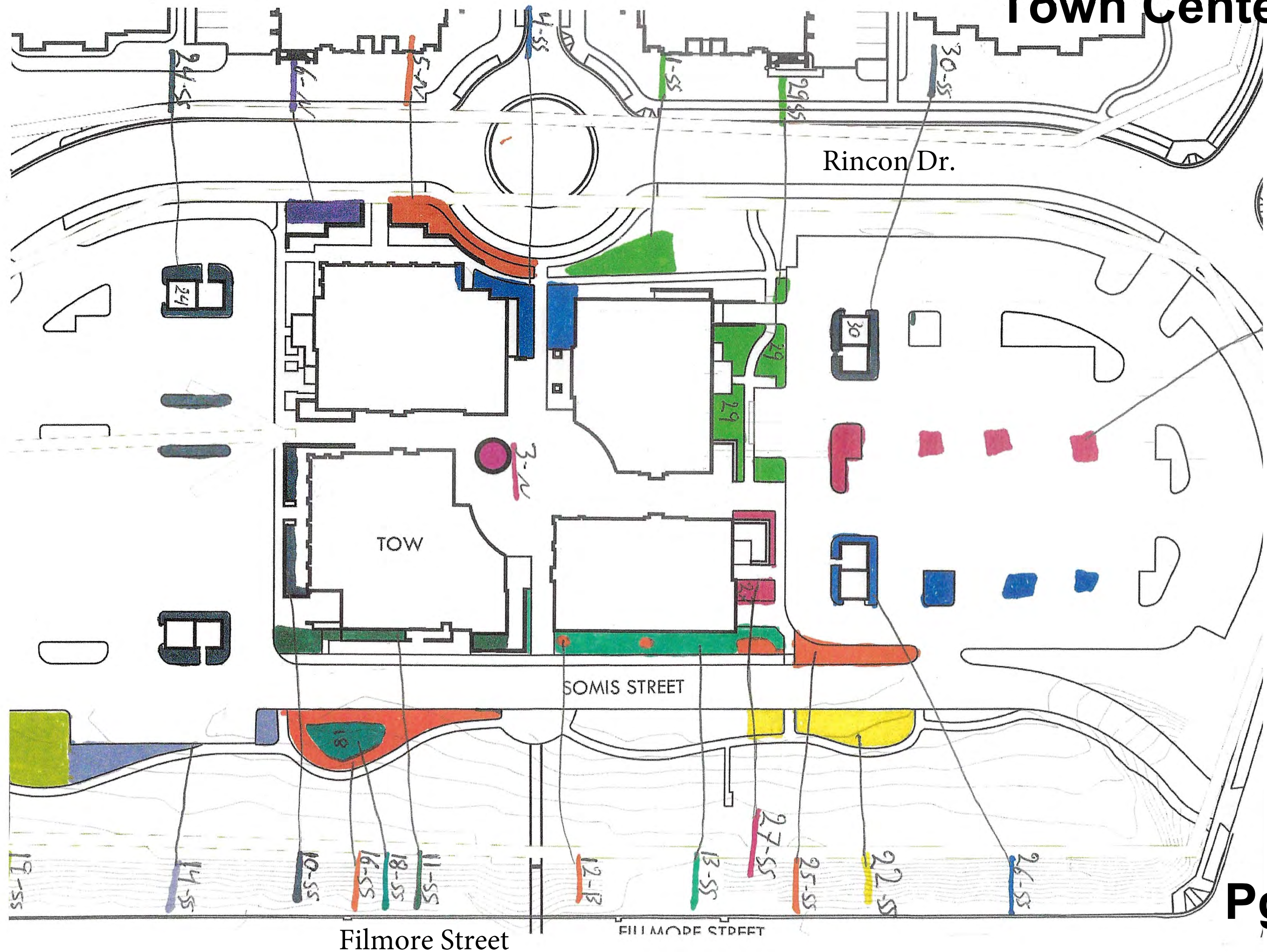
FOR IRRIGATION DETAILS, LEGEND & NOTES - SEE SHEET L4.1 & L4.2
FOR LANDSCAPE SPECIFICATIONS - SEE SHEETS L4.1-L4.7

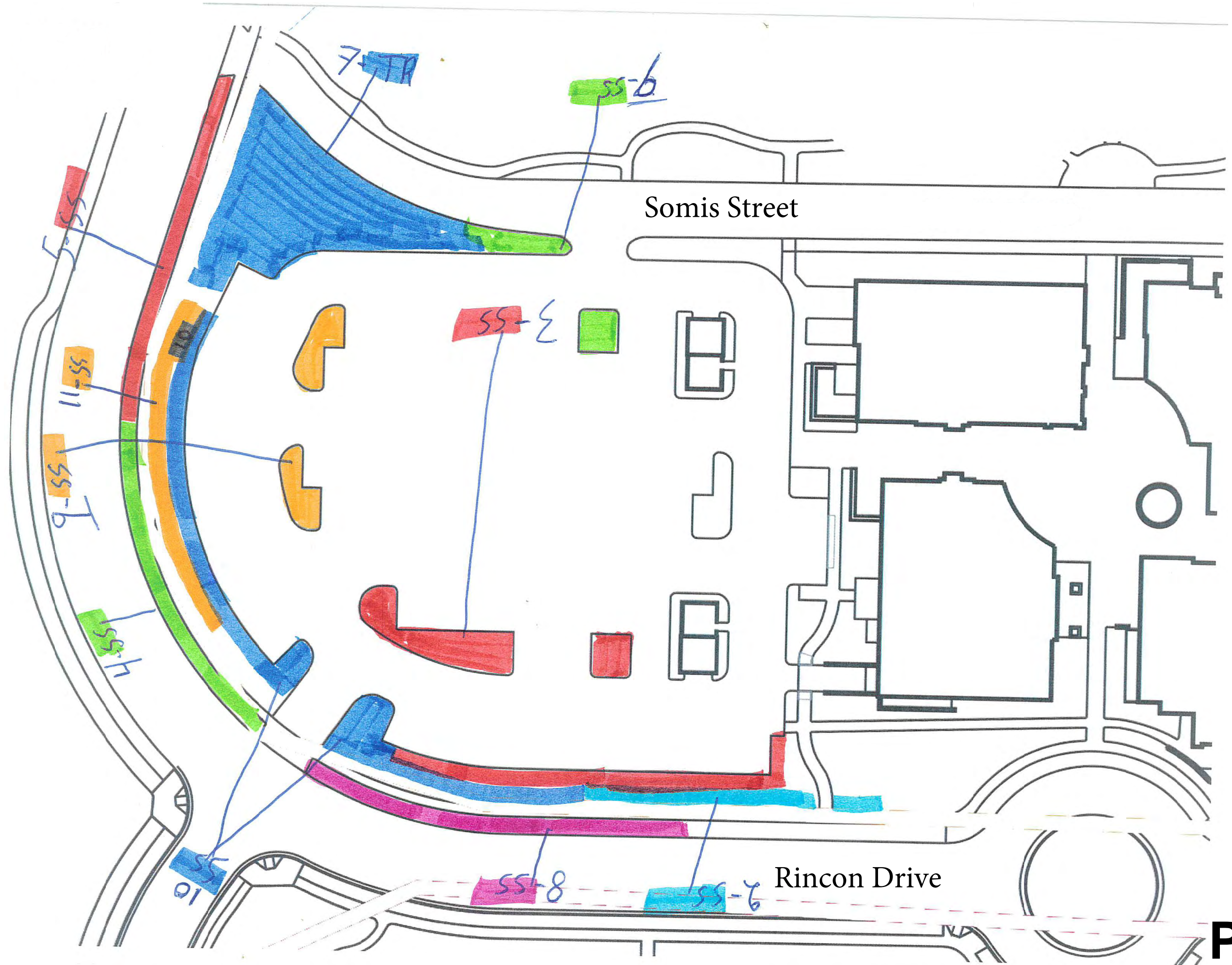
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1	07/28/04	ML	BULLETIN "X" IRRIGATION LEGEND		

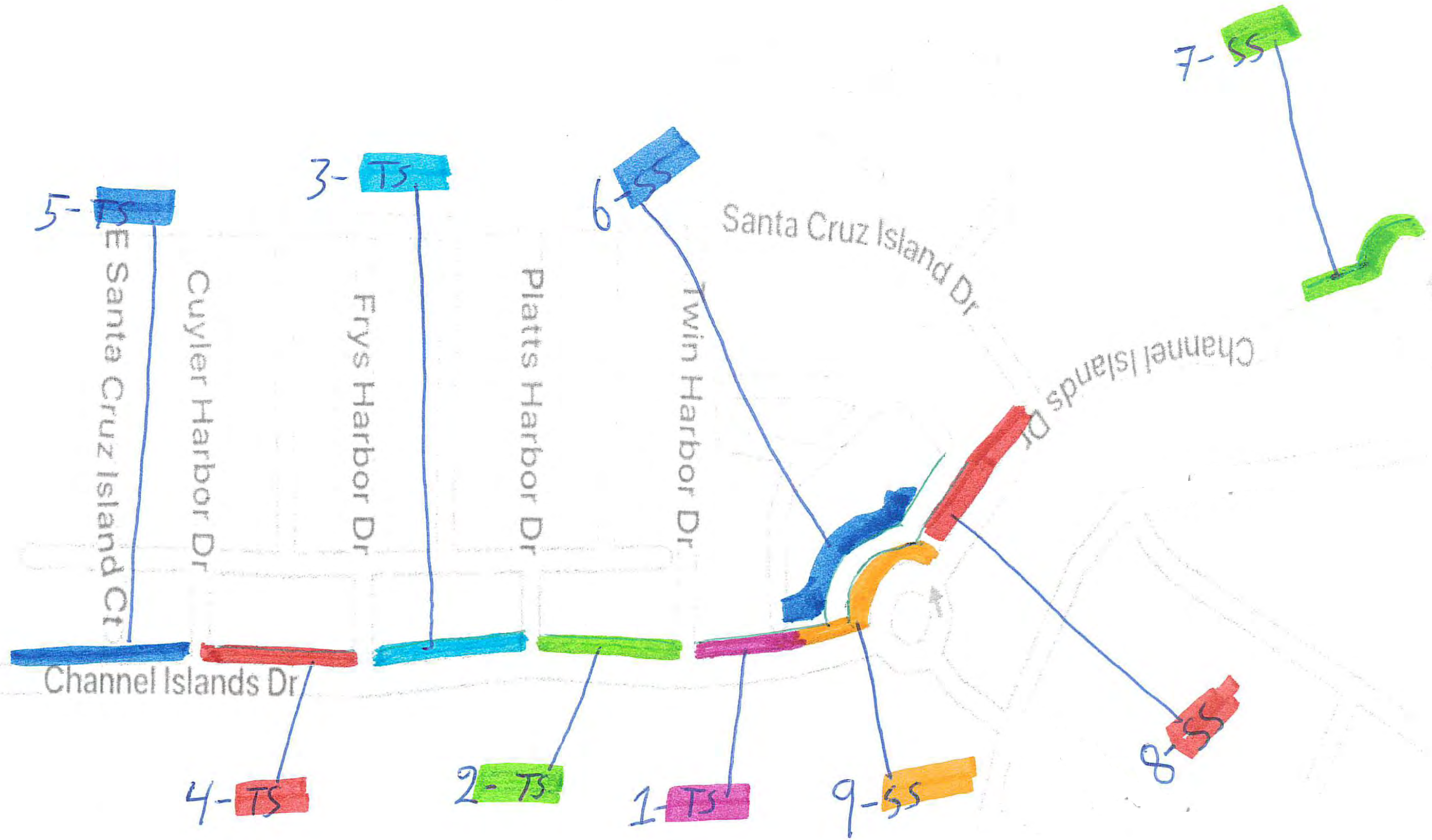


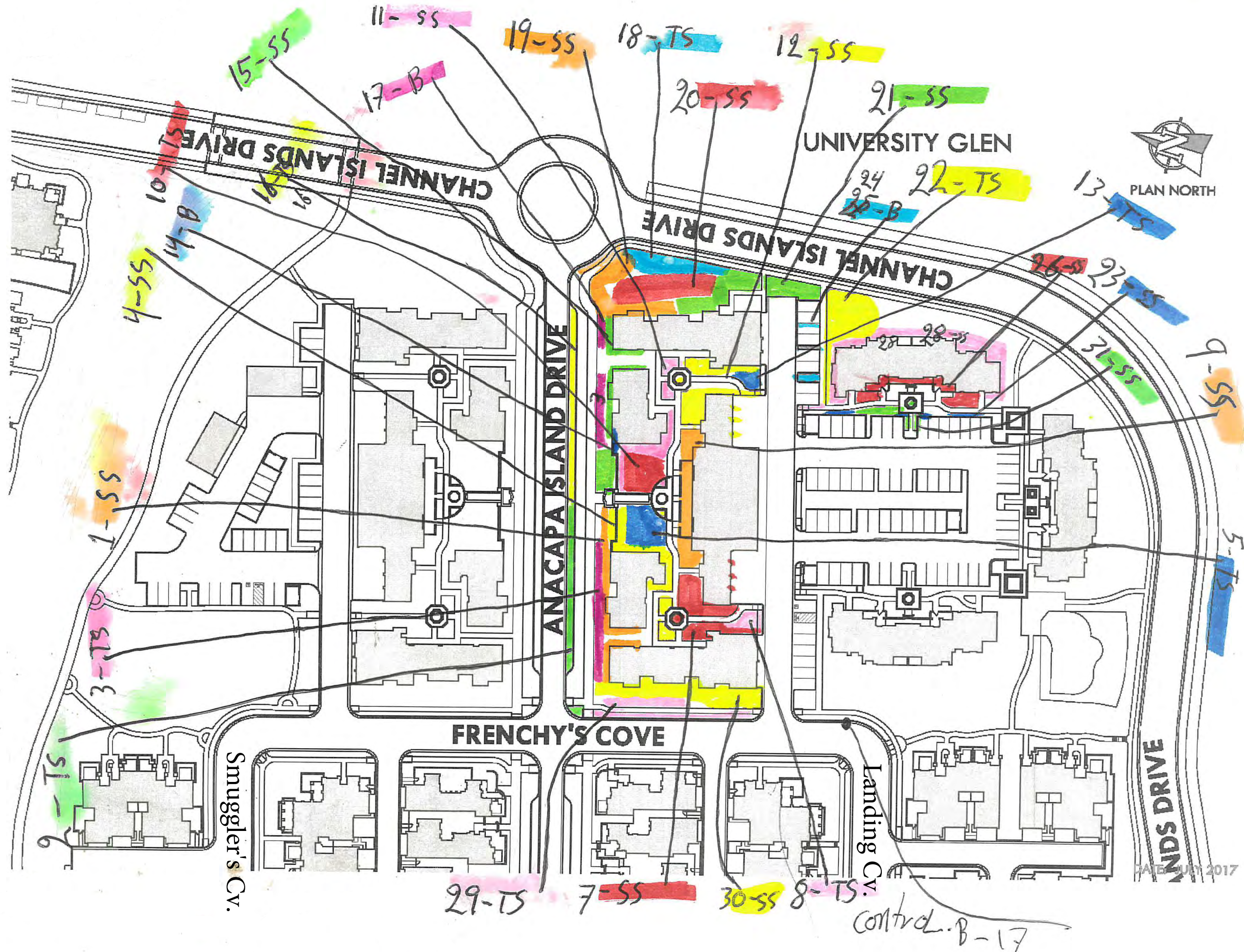
CAL STATE UNIV. OFFICE OF THE CHANCELLOR
PHASE TWO - APARTMENT 1
CALIFORNIA STATE UNIVERSITY
OFFICE OF THE CHANCELLOR

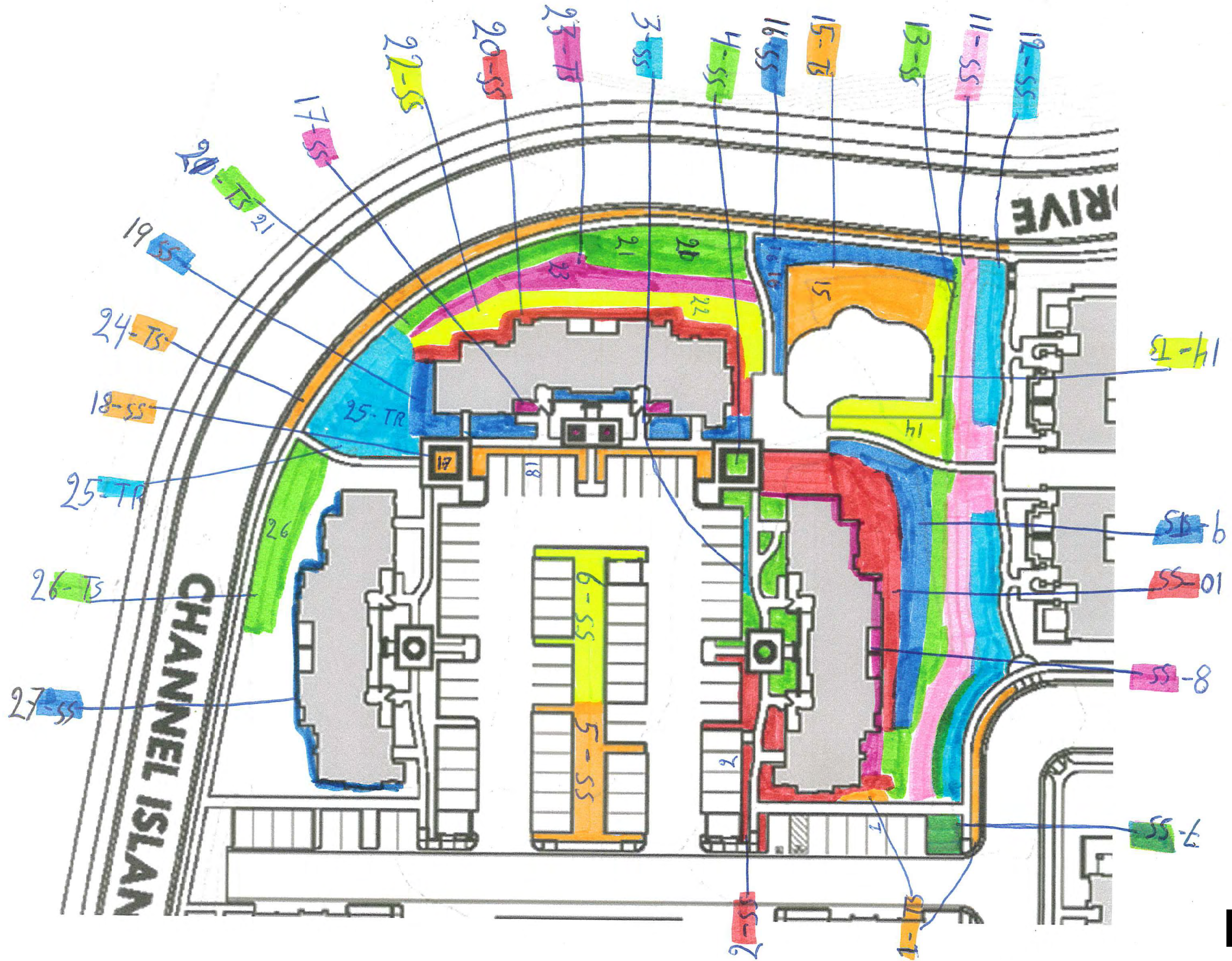


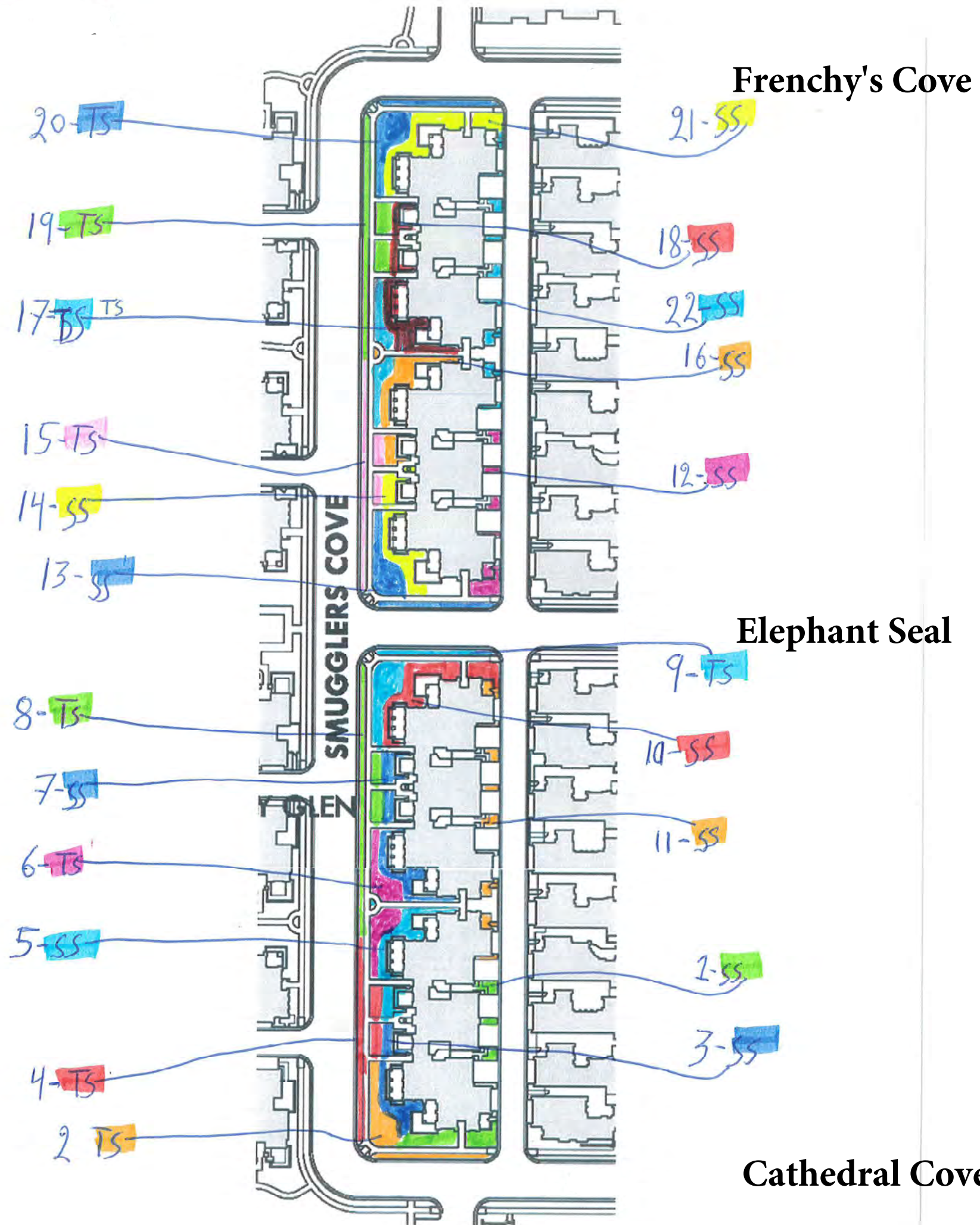










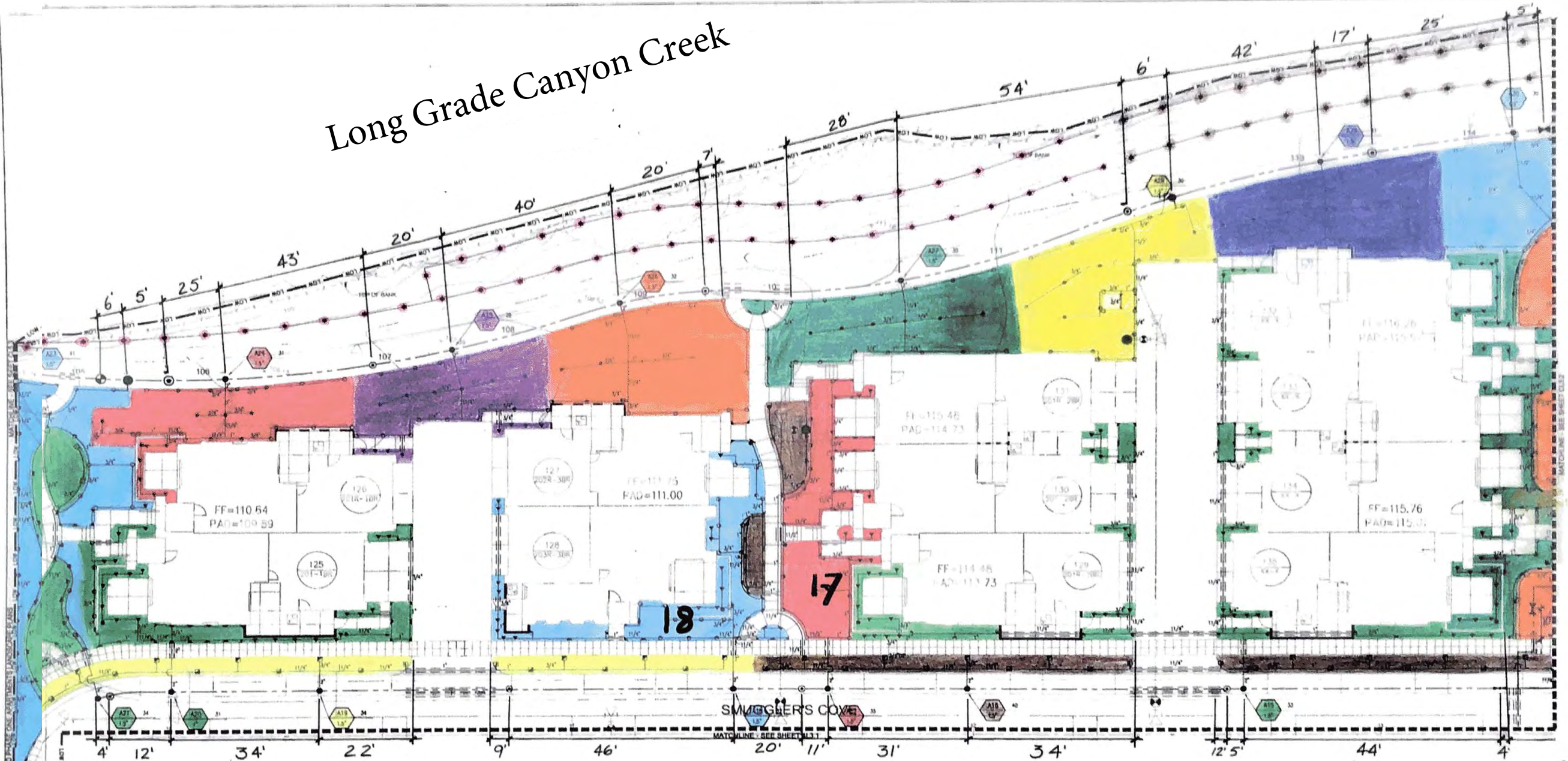


Frenchy's Cove

Elephant Seal

Cathedral Cove

Long Grade Canyon Creek



NOTE: DIMENSIONS FOR CLARITY ONLY. ACTUAL BASELINE DIMENSIONS OF 1/8" OFF ADJACENT HANDOFFS AND LOCAL OTHER.

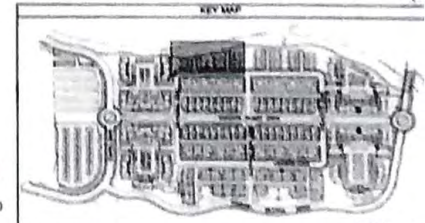
NOTE: ALL HEADS AS REQUIRED TO CONTROL DISTRIBUTIONS THAT MAY OCCUR, ACCORDING TO LEAK POLICE FIRE HYDRANTS, ETC. INCLUDE IN OWNER'S AUTHORITY. VERIFY COMMENTS WORDS: NONE.

NOTE: ALL ARE SHOWN WITH PAVING AND FINISHES. ACTUAL LOCATION TO BE DETERMINED BY FIELD SURVEY AND AS SHOWN ON PLANTING/PAVING LAYOUT. CONFIRM ALL LAYOUT BY CONSULTING REPRESENTATIVE PRIOR TO FIELD WORK.

FOR IRRIGATION LEGEND - SEE SHEET CL.3

FOR IRRIGATION DETAILS & NOTES - SEE SHEET L.4.1

FOR LANDSCAPE SPECIFICATIONS - SEE SHEETS L.7.1-L.7.3



Sweeney & Associates, Inc.
Irrigation Design & Construction
18750 Via Capistrano, Suite 100
Van Nuys, CA 91411
Tel: 818-708-8888 Fax: 818-708-8888
E-mail: sweeney@swainc.com

NO.	DATE	BY	REVISIONS	APP.	DATE
1	10-14-03	MJ	BULLETIN A IRRIGATION REVISED IRRIGATION SHEETS		
2	12-28-03	MJ			

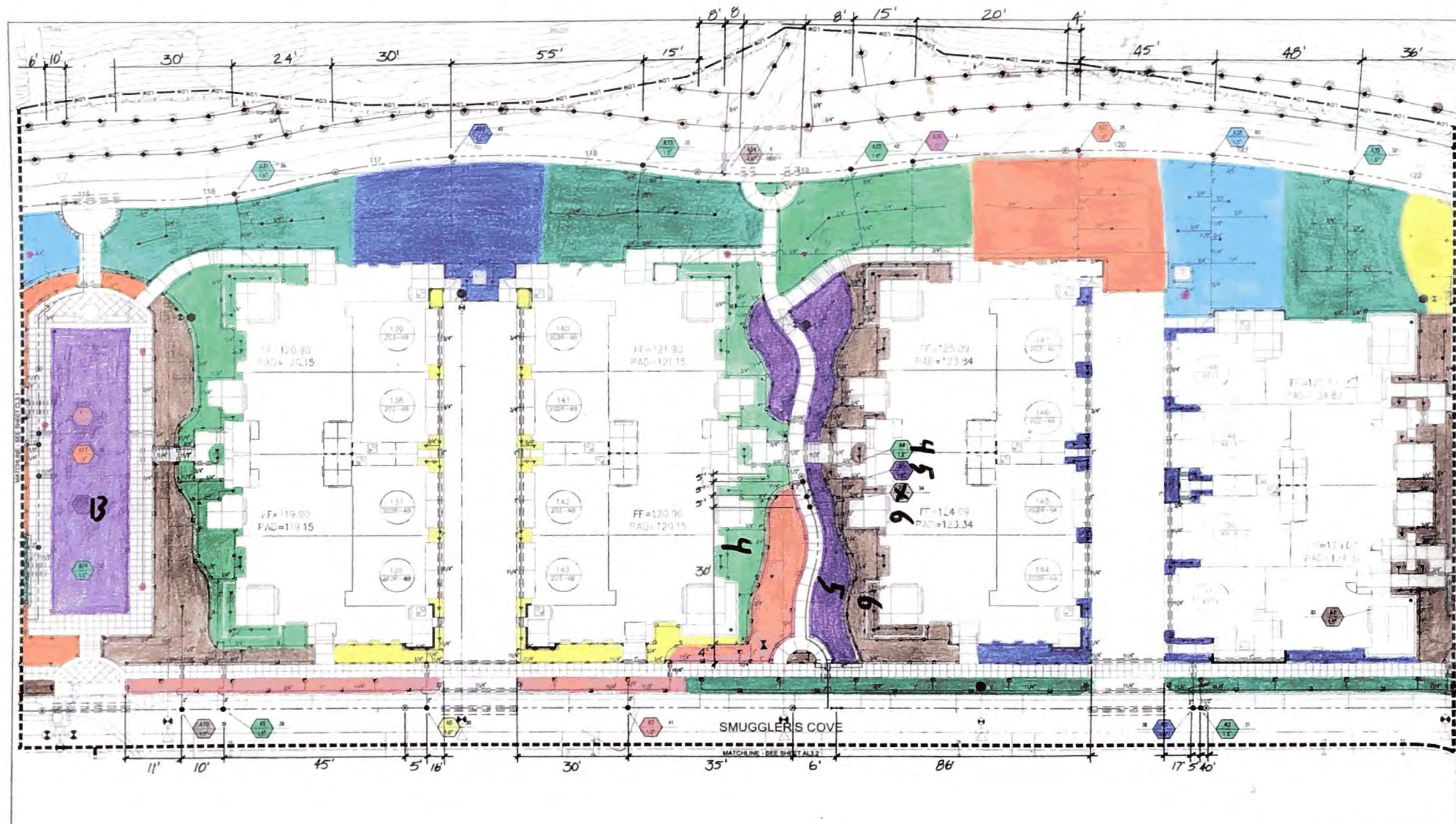


PLANS PREPARED BY:
RIDGE LANDSCAPES ARCHITECTS
14924
Tel: 949 248 9211
Fax: 949 248 9215

LANDSCAPE IRRIGATION PLAN
CAL. STATE UNIV. CHANNEL ISLANDS
PHASE TWO - TOWNHOMES
CALIFORNIA STATE UNIVERSITY
OFFICE OF THE CHANCELLOR

DATE: 12/23/02
REVISED BY: SJA
DESIGNED BY: SJA
CHECKED BY: SJA
SHEET: **CL.3.1**
11 OF 24

10/14/03 RUJ I FTIN A

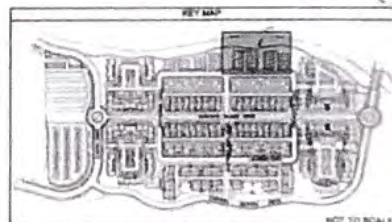
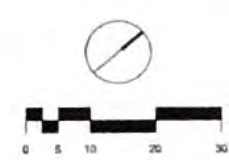


SMUGGLER'S COVE

FOR IRRIGATION LEGEND -
SEE SHEET CL3.3

FOR IRRIGATION DETAILS & NOTES -
SEE SHEET L4.1

FOR LANDSCAPE SPECIFICATIONS -
SEE SHEETS L7.1-L7.3



NOTES:
1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS.
2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
3. ALL WORK SHALL BE IN ACCORDANCE WITH THE CALIFORNIA PLUMBING CODE AND ALL APPLICABLE LOCAL ORDINANCES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL JURISDICTIONS.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.

Topcoast & Associates, Inc.
10100 Van Ness Blvd., Suite 200
San Francisco, CA 94140
Tel: 415.774.8888 Fax: 415.774.8889
Email: info@topcoast.com

NO.	DATE	BY	REVISIONS	APP.	DATE
1	10-14-02	ML	BULLETIN A IRRIGATION		
2	9-25-02	ML	REVISED IRRIGATION SHEETS		

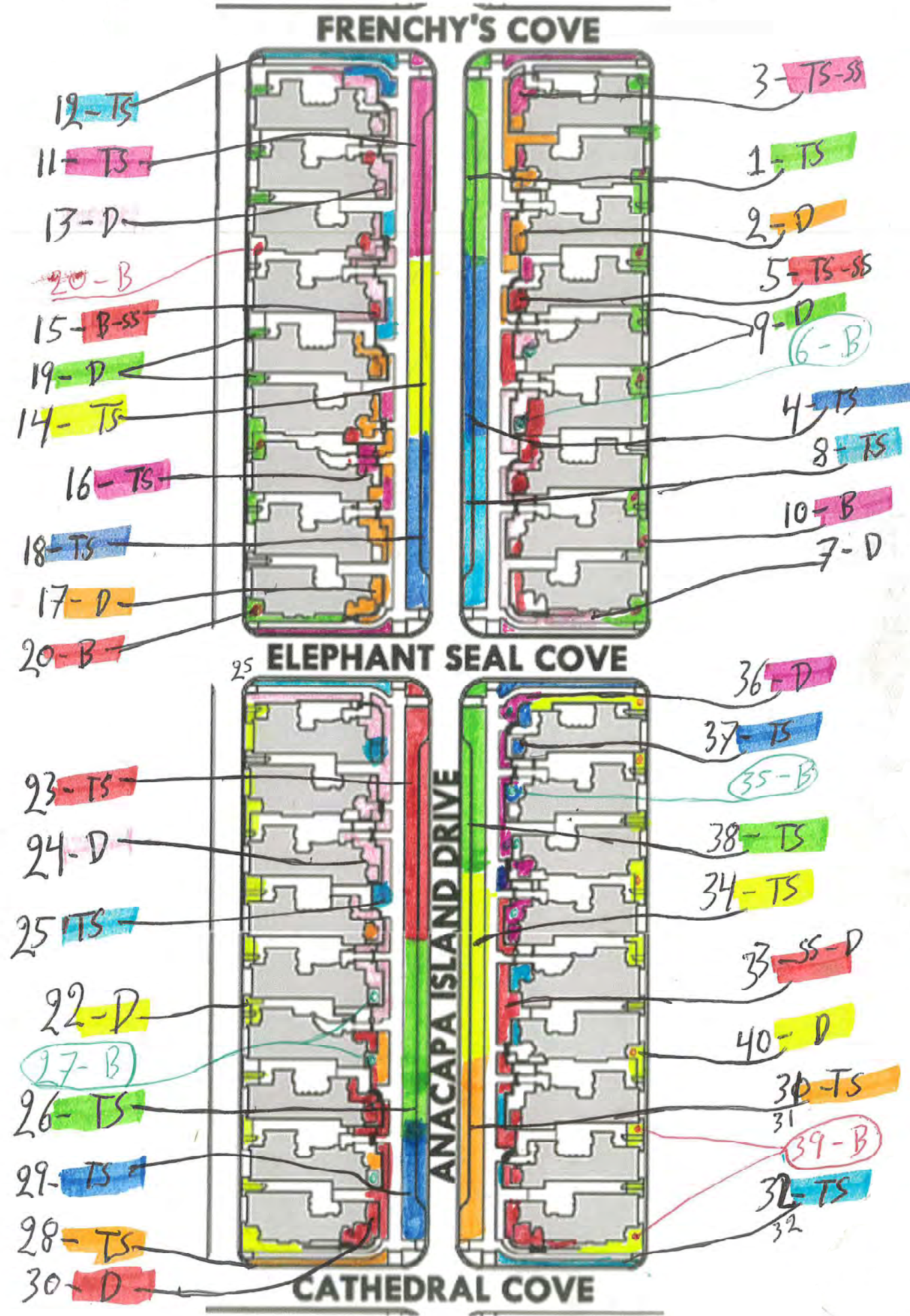


PLANS PREPARED BY
RIDGE LANDSCAPE ARCHITECTS
3000 Van Ness Blvd., Suite 200
San Francisco, CA 94140
Tel: 415.774.8888 Fax: 415.774.8889

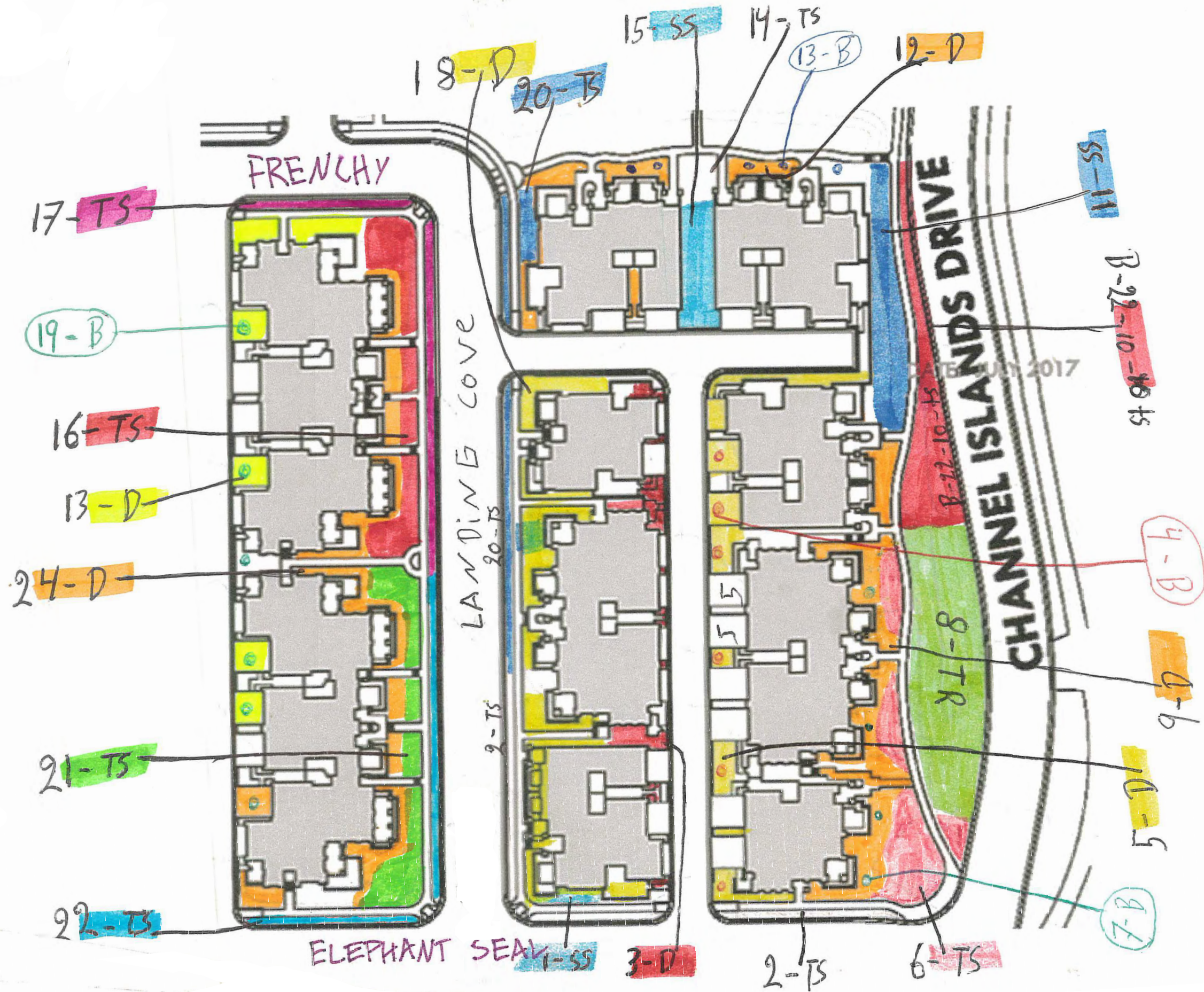
LANDSCAPE IRRIGATION PLAN
CAL STATE UNIV. CHANNEL ISLANDS
PHASE TWO - TOWNHOMES
CALIFORNIA STATE UNIVERSITY
OFFICE OF THE CHANCELLOR

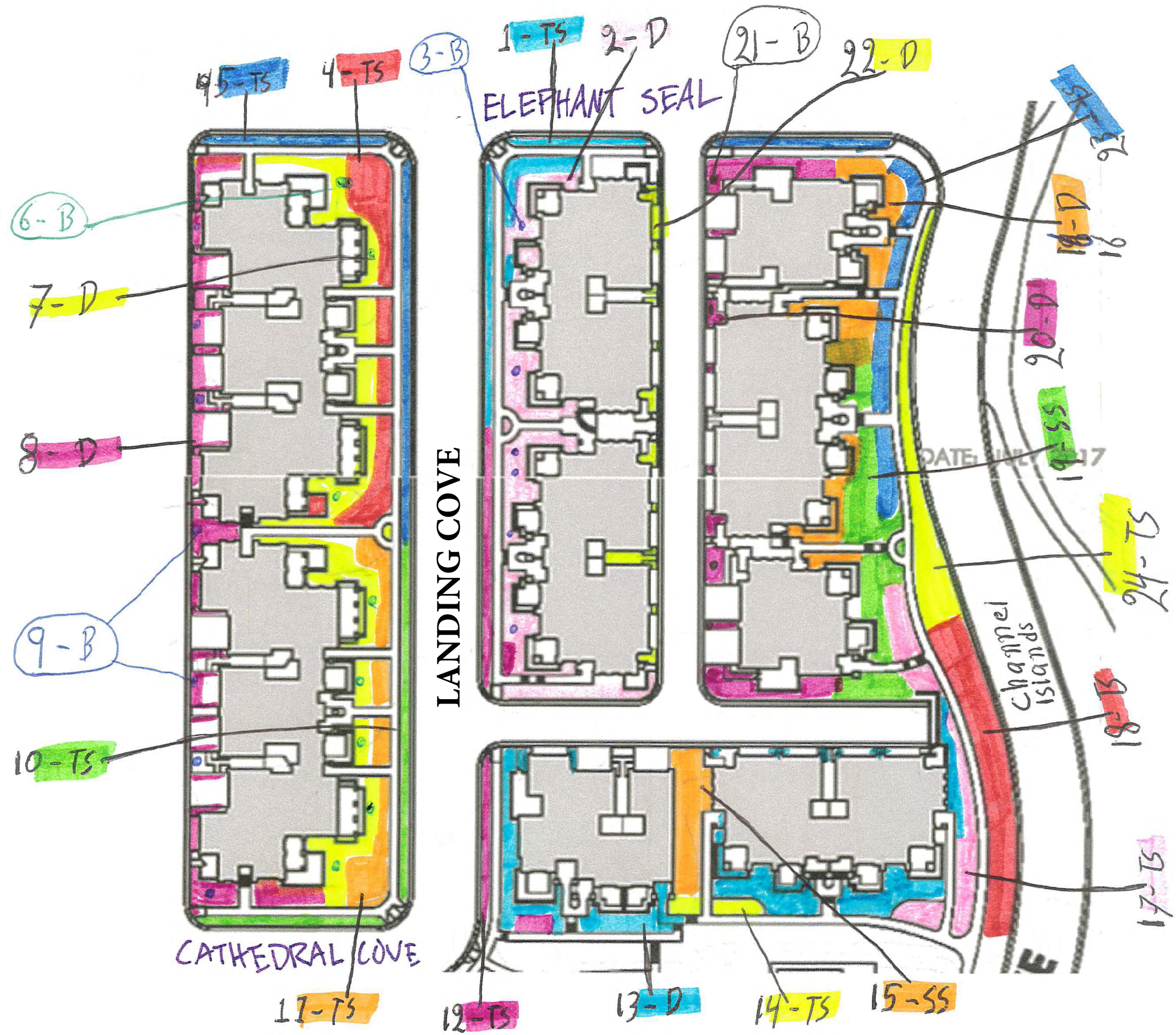
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DESIGNED BY: S.A.
CHECKED BY: J.E.

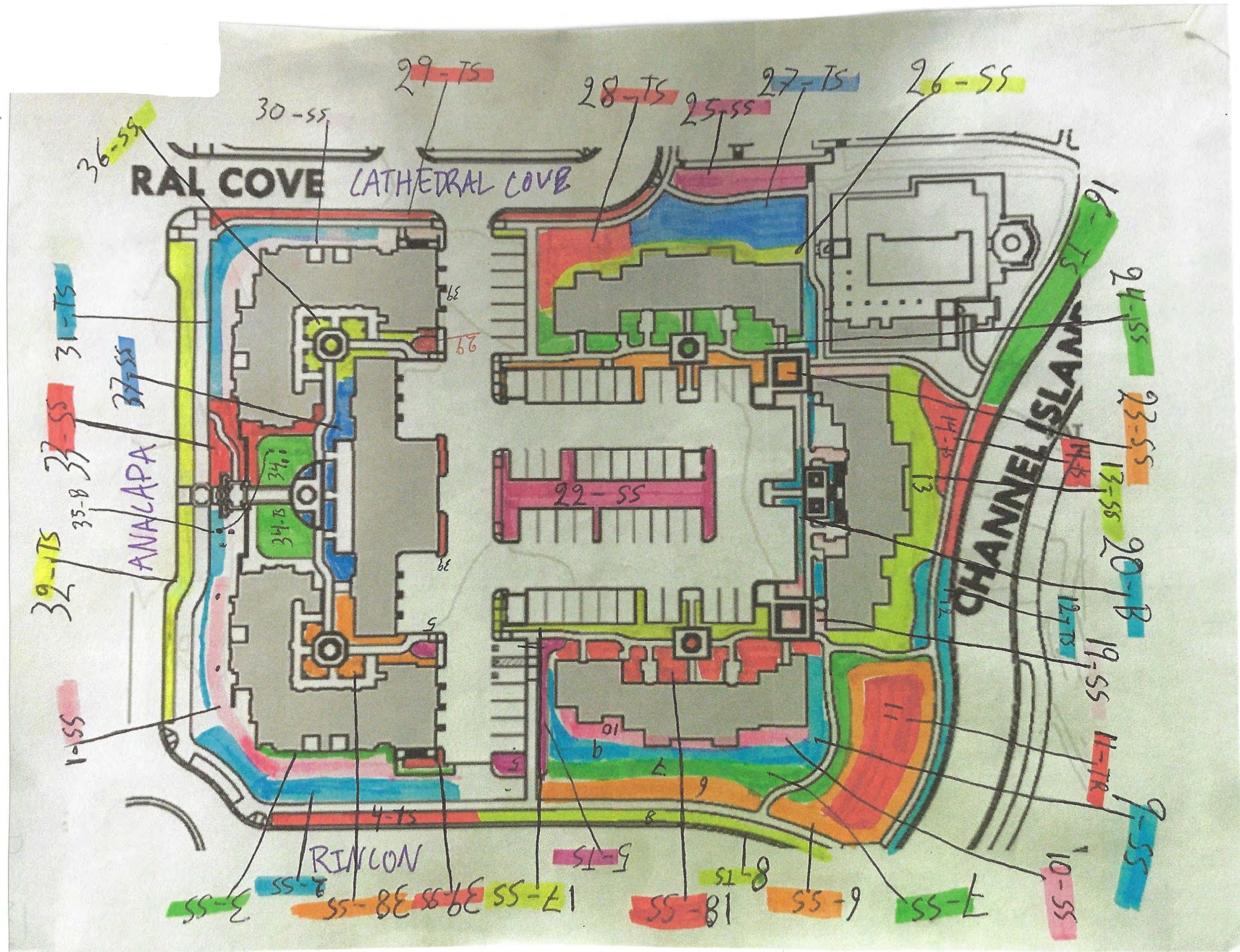
SHEET
CL3.2
12 OF 24

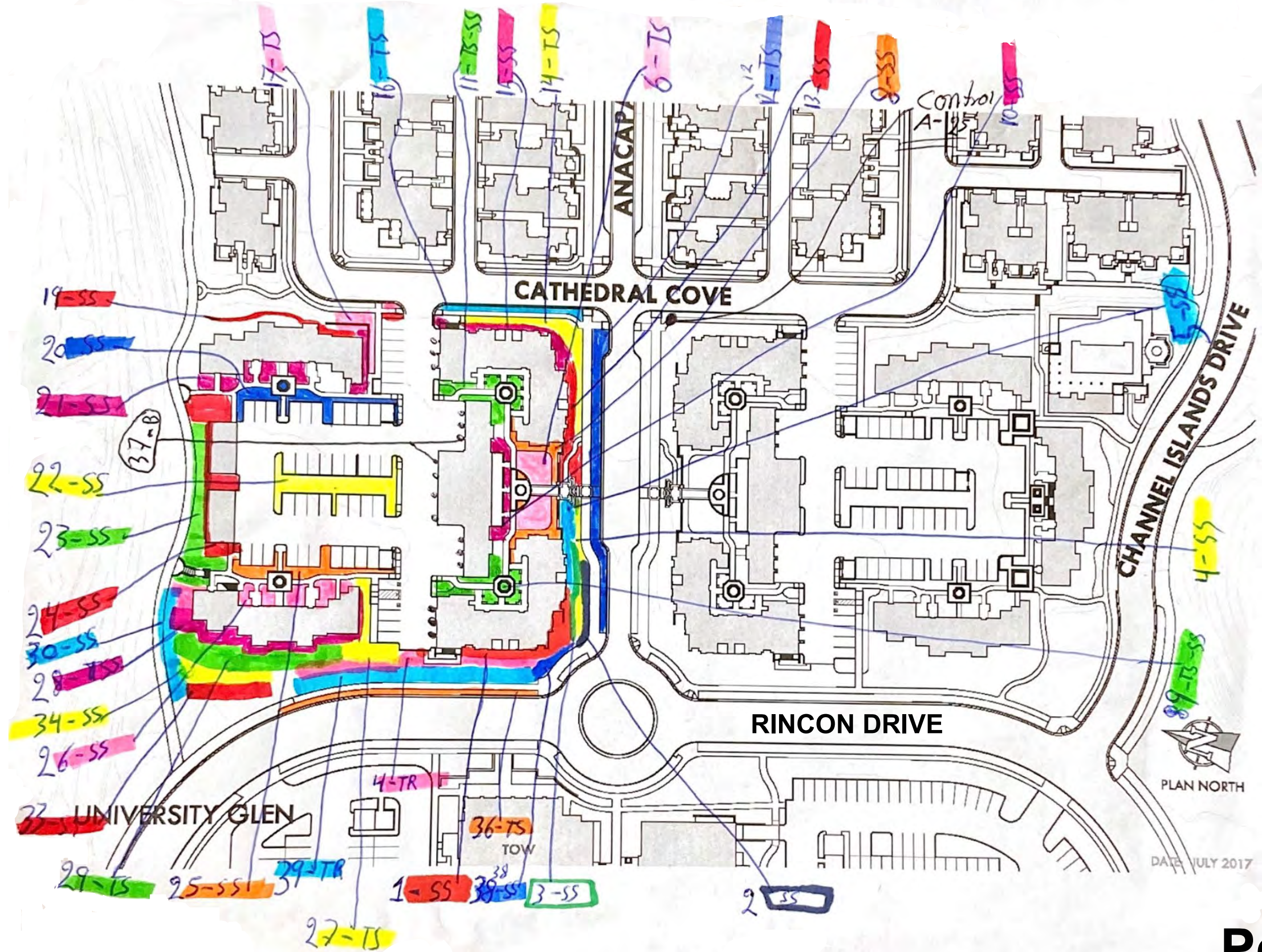


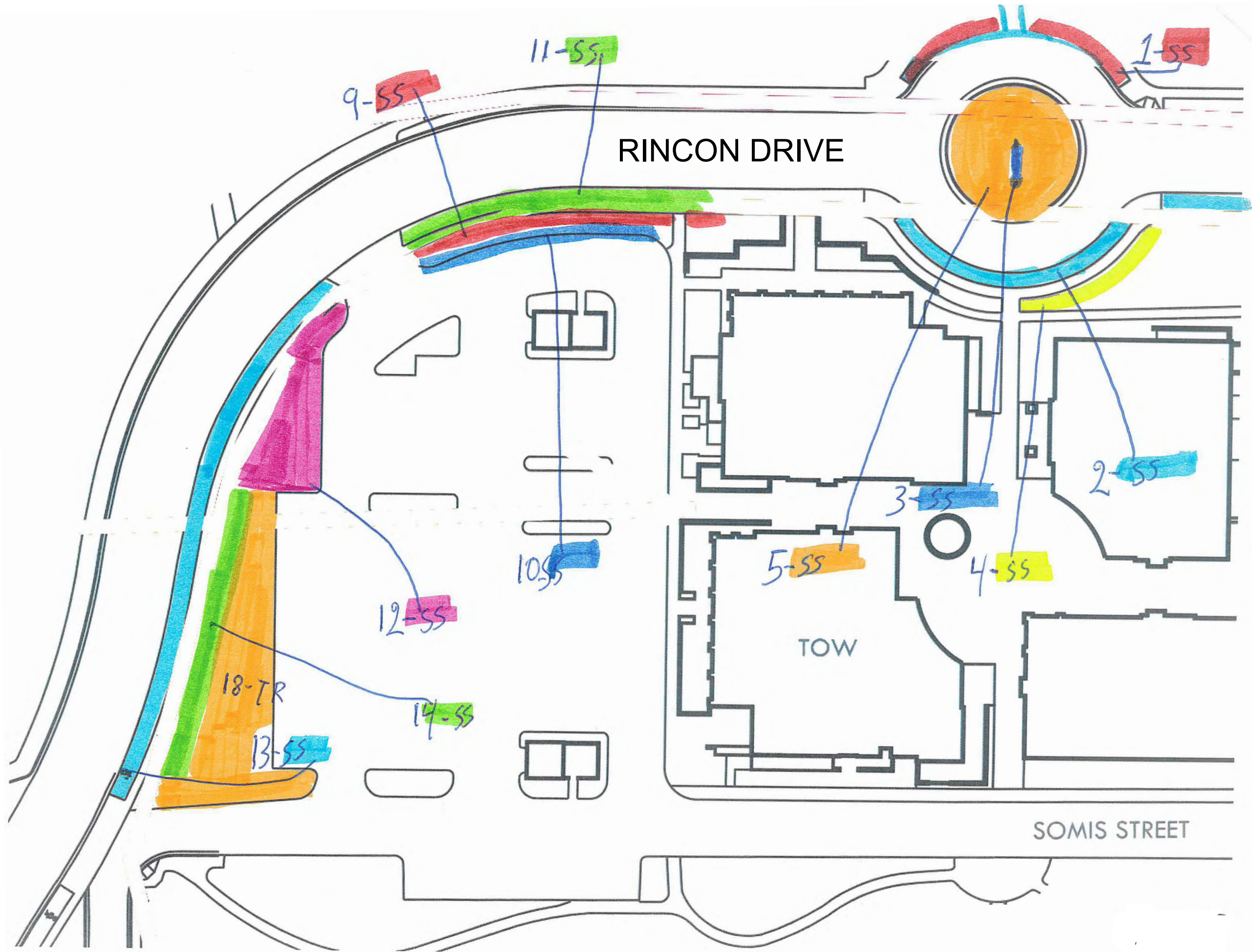
LANDING COVE

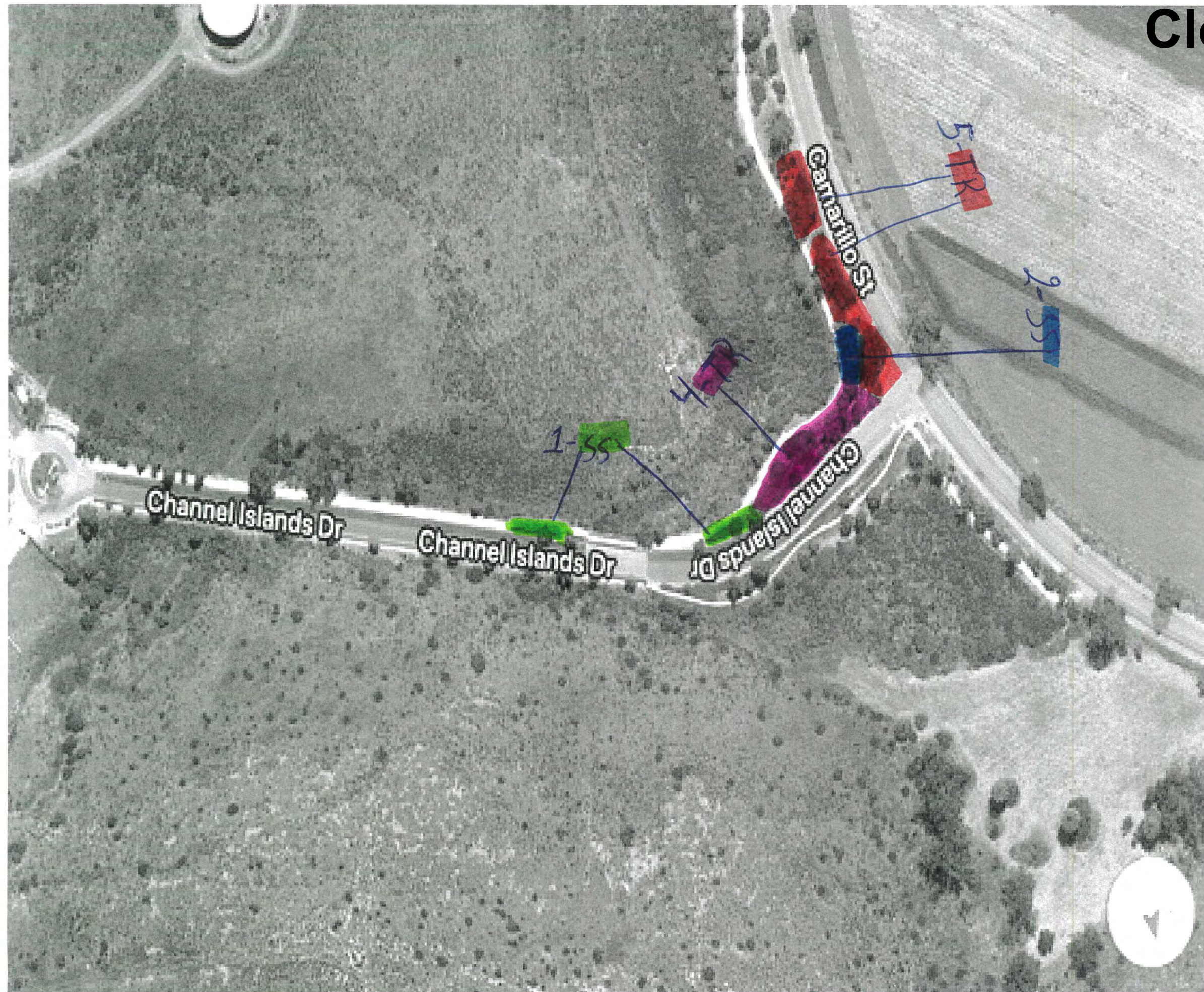








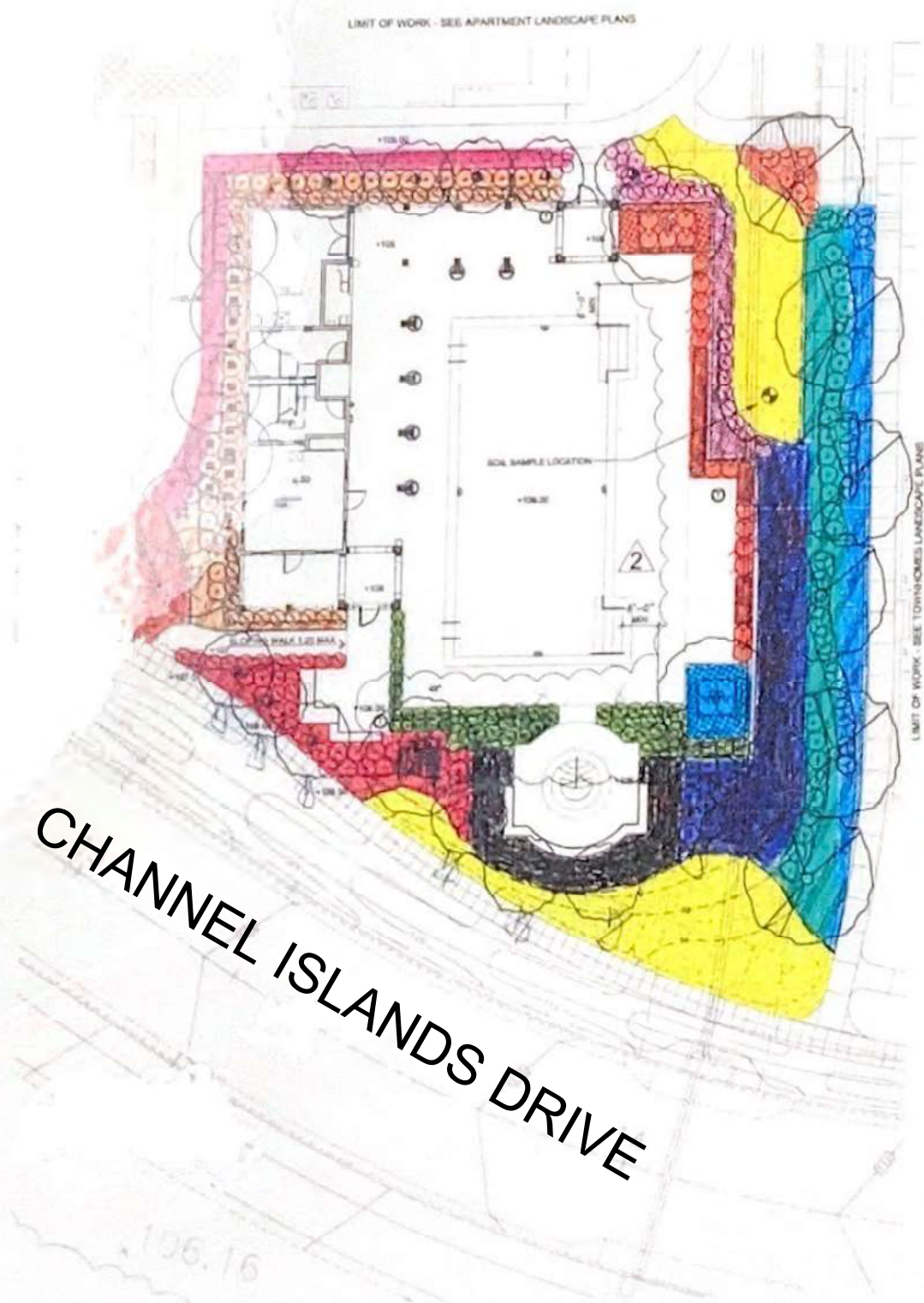






Equipment Room-29

- 1. [Symbol]
- 2. [Symbol]
- 3. [Symbol]
- 4. [Symbol]
- 5. [Symbol]
- 6. [Symbol]
- 7. [Symbol]
- 8. [Symbol]
- 9. [Symbol]
- 10. [Symbol]
- 11. [Symbol]
- 12. [Symbol]
- 13. [Symbol]
- 14. [Symbol]



PLANT LEGEND

SYMBOL	BOTANICAL / COMMON NAME	SIZE / FORM	QUANTITY	DETAIL REF SHEET LIST
TREES				
[Symbol]	PLATANUS ACERIFOLIA / LONDON PLANE TREE	24" BOX SINGLE TRUNK	8	C
[Symbol]	AVICULUS NANNIN / STRAUBERY TREE	24" BOX SINGLE TRUNK	2	C
[Symbol]	QUERCUS SERR / HOLLY OAK	24" BOX 48" BOX	2	D
[Symbol]	TRISTANIA COMPERTA / BRISBANE BOX	24" BOX FULL TO GROUND	8	C
GROUND COVERS				
[Symbol]	HEMEROCALLIS SPP / DAYLILY	5 GAL / 2" D.C.	20	A, B
[Symbol]	BOUGHVILLIA TAMPA FIRE / BOUGHVILLIA	5 GAL / 2" D.C.	10	A, B
[Symbol]	PHYRUM T. ATRORUBESCENS / NEW ZEALAND FLAX	5 GAL / 2" D.C.	60	A, B
[Symbol]	KALPAKIA OVATA / RED HOT POKER	5 GAL / 2" D.C.	3	A, B
[Symbol]	SALVIA LEUCANETHA / MEXICAN BUSH SAGE	5 GAL / 2" D.C.	15	A, B
[Symbol]	STREPTOCARPA / BIRD OF PARADISE	5 GAL / 2" D.C.	50	A, B
VINE				
[Symbol]	BOUGHVILLIA SAH DESERT NET / BOUGHVILLIA	15 GAL	5	E
[Symbol]	DENOTED SOIL SAMPLE LOCATION (2 TOTAL) - REFER TO PLANTING NOTES, ITEM W, SHEET L7.1 FOR ADDITIONAL INFORMATION			
NOTES				
1. OPEN CENTER SPACING NOTED ON THE PLANT LEGEND TAKE PRECEDENCE OVER PLANT COUNTS OR SYMBOLS SHOWN ON THE DRAWING.				
2. CONTRACTOR TO SUBMIT SOIL PREPARATION AND BACKFILL SPECIFICATIONS TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL AT LEAST FOURTEEN (14) DAYS PRIOR TO INSTALLATION OF SOIL PREPARATION OR PLANT MATERIALS.				
3. SOIL PREPARATION AND BACKFILL AMENDMENTS PER SPECIFICATION AS RECOMMENDED BY AGRONOMIC SOIL TEST REPORT.				
4. PROVIDE ROOT BARRIER TO ALL TREES WITHIN 8'-0" OF ALL SIDEWALKS, BALCONY AND CLARNS.				
5. POTTED PLANTS TO BE IRRIGATED BY MAINTENANCE. THEY WILL BE USING THE MFS SUBIRIGATION SYSTEM. SEE DETAIL G, SHEET L8.1.				

UBMITTAL