

MEMORANDUM

TO: Rexford Industrial
ATTN: Mark Saleh
SUBJECT: **3233 Mission Oaks Blvd. Renovation - Water & Sewer Usage**
WORK ORDER: 0122
DATE: June 18, 2020

Dear Mark,

This memo details the water and sewer impacts as a result of the following proposed improvements to 3233 Mission Oaks Boulevard in the City of Camarillo:

- The complete removal of the existing Technicolor building on the south side of the property
- The addition of proposed warehouse Building "A" (120,500 SF) on the south side of the property
- The addition of proposed Building "B" (55,810 SF) on the north side of the property
- The proposed renovation of a portion of an existing warehouse building.

It should be noted that the site usage will not be changed by this project and will remain as majority warehousing in the post-construction condition. See Attachment 1 for the proposed site plan and Attachment 2 for a proposed site revisions exhibit.

Domestic Water and Sewer

A site visit was conducted by ECG on June 17, 2020 in order to count the plumbing fixtures in both existing buildings on the property. The findings are outlined in Table 1 below.

Table 1: Pre-Construction Fixture Count (From Site Visit by ECG on 6/17/2020)

PRE-CONSTRUCTION FIXTURE COUNT										
UNIT	FIXTURE TYPE									
	CLOTHES WASHER	DISH-WASHER	DRINKING FOUNTAIN	HOSE BIBB	BATH-ROOM SINK	KITCHEN SINK	MOP SINK	URINAL	TOILET (FLUSH TANK)	TOILET (FLUSH VALVE)
A*			2	1	6	2	1	1		5
B			2	1	6	2	1	1		5
C			2		6	1	1	1		5
D	COMBINED WITH UNIT C AS STORAGE ONLY									
E			2		4	1		1		4
F			2		6	1		1		5
G			2		5	1	1	1		5
J	1		2	1	4	1	1	1		5
K			2		2	1		1		3
L			2		2	1		1		3
M			2		2	1		1		3

N*			2		2	1		1		3
P			2		2	1	1	1		3
Q			2		2	1		1		3
R*			2		2	1		1		3
Technicolor Bldg		1		2	17	3	1	6	2	18
TOTALS	1	1	28	5	68	19	7	20	2	73

* Unit was closed/vacant and access was not possible so fixture counts were estimated based on similar neighboring units.

Using the California Plumbing Code Table A103.1 for domestic water and Table 702.1 for sewer the pre-construction condition was calculated to have 569 WSFU (Water Service Fixture Units) and 390 DFU (Drainage Fixture Units). The pre-construction fixture unit calculations are shown in Table 2 below.

Table 2: Pre-Construction Fixture Unit Calculations (Using CPC Tables A103.1 and 702.1)

PRE-CONSTRUCTION FIXTURE UNIT CALCULATIONS					
FIXTURE	QTY	WSFU EACH	TOTAL WSFU	DFU EACH	TOTAL DFU
Clothes Washer	1	4.0	4.0	3.0	3.0
Dishwasher	1	1.5	1.5	2.0	2.0
Drinking Fountain	28	0.5	14.0	0.5	14.0
Hose Bibb	5	2.5	12.5	-	-
Bathroom Sink	68	1.0	68.0	1.0	68.0
Kitchen Sink	19	1.5	28.5	2.0	38.0
Mop Sink	7	1.5	10.5	-	-
Urinal	20	3.0	60.0	2.0	40.0
Toilet (Flush Tank)	2	2.5	5.0	3.0	6.0
Toilet (Flush Valve)	73	5.0	365.0	3.0	219.0
TOTALS			569.0		390.0

For this project, the plumbing fixtures in Units A - R in the existing warehouse building will remain unchanged. The existing technicolor building will be demolished completely and new Buildings A and B will add a combined total of 20 flush valve toilets and 20 bathroom sinks. These numbers were provided by the project Architect, John G. Caltaldo & Associates (see Attachment 3). The post-construction fixture unit calculations are shown in Table 3 below.

Table 3: Post-Construction Fixture Unit Calculations (Using CPC Tables A103.1 and 702.1)

POST-CONSTRUCTION FIXTURE UNIT CALCULATIONS					
FIXTURE	QTY	WSFU EACH	TOTAL WSFU	DFU EACH	TOTAL DFU
Clothes Washer	1	4.0	4.0	3.0	3.0
Dishwasher	0	1.5	-	2.0	-
Drinking Fountain	28	0.5	14.0	0.5	14.0
Hose Bibb	3	2.5	7.5	-	-
Bathroom Sink	71	1.0	71.0	1.0	71.0

Kitchen Sink	16	1.5	24.0	2.0	32.0
Mop Sink	6	1.5	9.0	-	-
Urinal	14	3.0	42.0	2.0	28.0
Toilet (Flush Tank)	0	2.5	-	3.0	-
Toilet (Flush Valve)	75	5.0	375.0	3.0	225.0
TOTALS			546.5		373.0

As illustrated in Tables 2 and 3 above, this project proposes a net reduction of 22.5 WSFU and 17 DFU which corresponds to a roughly 4% reduction in domestic water demand and a roughly 4.4% reduction in sewer flows. In order to estimate the corresponding reduction in domestic water demand, we can use the historic domestic water use data provided by the City of Camarillo (see attachment 4). This data goes back as far as the year 2000 and historic aerial imagery confirms that the site has remained largely unchanged since then. The average domestic usage of the site since the year 2000 is 1,443.2 hundred cubic feet (HCF) per month. Applying the 4% reduction described above, the new average domestic water use for the site is estimated to be 1385.5 HCF per month. Assuming 95% of water usage will reach the sewer (as directed by the City), we can estimate that the new average project sewer flows will be 1316.2 HCF per month.

Irrigation Water

The existing site consists of roughly 247,000 SF of landscaped area. This project proposes to remove roughly 107,000 SF of this landscaped area for a reduction of roughly 43%. These numbers were provided by the project Architect, John G. Caltaldo & Associates (see Attachment 3). In order to estimate the corresponding reduction in irrigation water demand we can use the historic irrigation water use data provided by the City of Camarillo (see attachment 5). This data goes back as far as the year 2000 and historic aerial imagery confirms that the site has remained largely unchanged since then. The average irrigation usage of the site since the year 2000 is 407.4 hundred cubic feet (HCF) per month. Applying the 43% reduction described above, the new average irrigation use for the site is estimated to be 232.22 HCF per month.

Fire Water

The existing site is served by a private 10" fire water loop that is connected to the City's 12" ACP water line in Mission Oaks Blvd. The onsite fire water system feeds multiple fire hydrants and building sprinkler lines. All of the existing and proposed buildings are Building Type III-B and are fire sprinklered. The pre- and post-construction building square footages are listed in Table 4 below.

Table 4: Building Square Footages (Courtesy of John G. Caltaldo & Associates)

BUILDING SQUARE FOOTAGES - PRE AND POST CONSTRUCTION			
	BUILDING TYPE	PRE-CONSTRUCTION (SF)	POST-CONSTRUCTION (SF)
Existing Building to be Removed	III-B	52,500	0
Existing Warehouse Building	III-B	407,623	407,623
New Building A	III-B	0	120,500
New Building B	III-B	0	55,810
TOTALS		460,123	583,933

The largest building on the site (existing warehouse building) is 407,623 square feet and therefore will control what the fire flow requirement is for the onsite system. Per the California Fire Code (CFC) Table B105.1(2), this building falls in the "138,301 - Greater" category which corresponds to the maximum required fire flow of 8,000 gallons per minute (gpm) for 4 hours. With the reduction allowed for automatic sprinkler systems in CFC Table B105.2, the required fire flow for the site is 25% of the value in Table B105.1(2), or 2,000 gpm for 4 hours. Since the site already requires the maximum fire flow, this project will not change the fire flow requirements. It should be noted that at the time of this report, the existing fire water system has not been field tested and this analysis assumes that the existing system meets the fire flow requirements. A fire flow test will need to be performed prior to final engineering design in order to verify this assumption.

Conclusion

As illustrated above, domestic water, sewer and irrigation will all see net reductions in demand with the proposed project due to a reduction in the number of fixtures and a reduction in the irrigated landscape area. The site usage will not be changed by this project and will remain as majority warehousing in the post-construction condition. Also of note, per Camarillo Sanitary District's System Evaluation and Capacity Assurance Plan, there are no known sewer deficiencies downstream of this project (see Attachment 6). As a result, we can conclude that this project will not have any negative effects on the City's water demand or sewage capacity.

Additionally, since the existing site already falls in the maximum required CFC fire flow category, although this project will add building square footage, it will not require any increased fire flow. A fire flow test will need to be performed prior to final engineering design in order to verify that the existing system has adequate fire flow.

Sincerely,

ENCOMPASS CONSULTANT GROUP, INC.



Josiah D. Jenison, P.E.
Senior Engineer
Phone: (661) 600-9367
Josiah.Jenison@ECGcivil.com

ATTACHMENT 1 - PROPOSED SITE PLAN

PROJECT DATA:

Zoning:	M1 (Light Manufacturing Zone)
Lot Area:	1,389,128 SF
BUILDINGS:	(E) Warehouse 407,623 SF
	(N) Building-A 120,500 SF
	(N) Building-B 55,810 SF
	Total : 583,933 SF
FAR: 42.0 %	583,933 / 1,389,128 = 42.0 %
Landscape Required:	1,389,128 x 10% = 138,913 SF
Landscape Provided:	10% = 140,282 SF

NOTES :

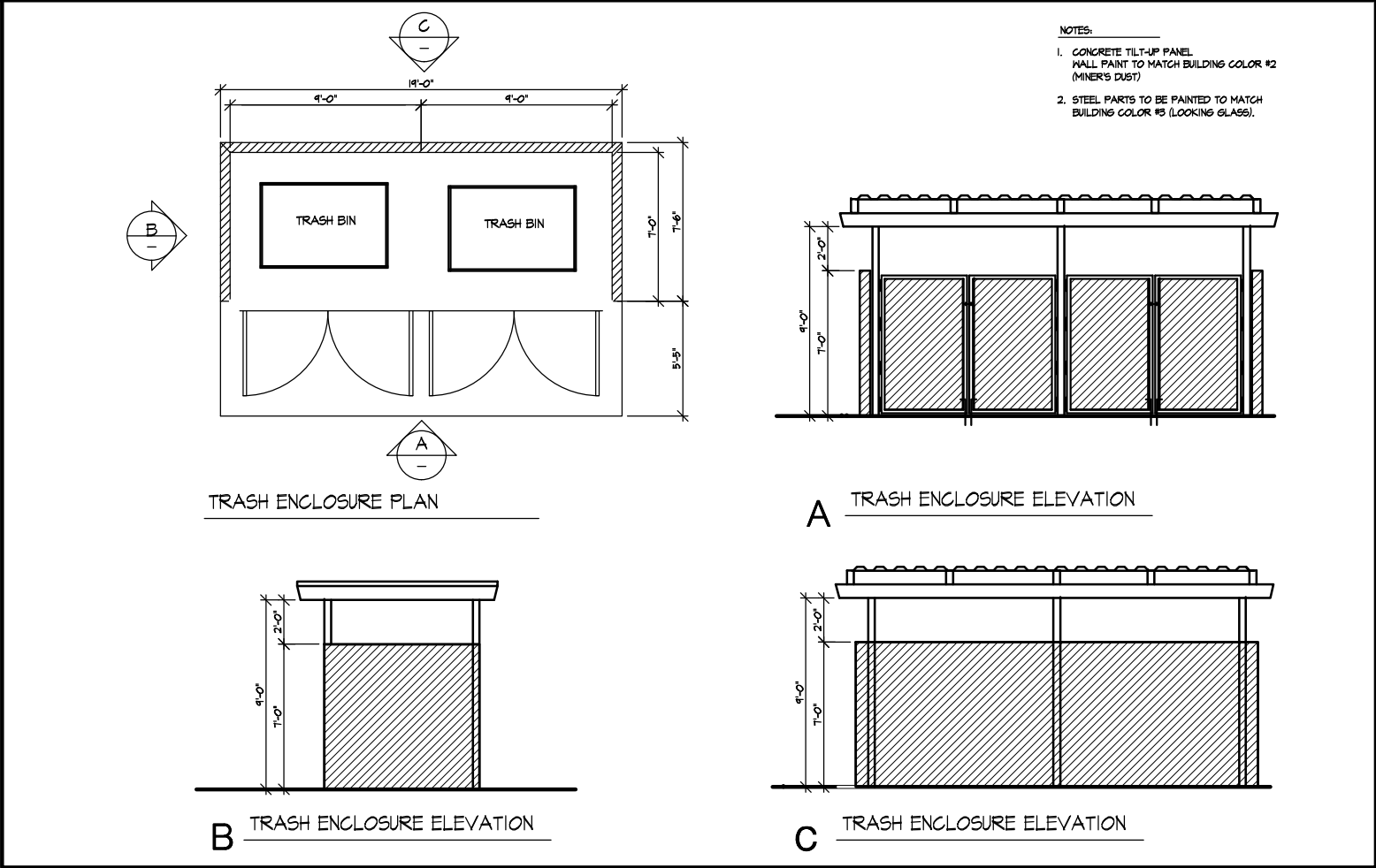
- ALL LIGHTING MUST BE BROUGHT INTO COMPLIANCE WITH THE CAMARILLO MUNICIPAL CODE (CMC 19.44.250). LIGHTING MUST BE INDIRECT, HOODED, AND ARRANGED TO REFLECT LIGHT AWAY FROM ADJOINING PROPERTIES AND STREETS. LIGHT STANDARDS MAY NOT EXCEED 20 FEET IN HEIGHT.
- ALL EXISTING TRASH ENCLOSURES MUST COMPLY WITH CURRENT CITY STANDARD S-1 AND INCLUDE A SOLID COVER.

PARKING ANALYSIS:

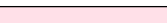
Parking Required: Warehouse =	1 /1000 SF
Manufacturing =	1 /500 SF
Proposed Building A : 120,500 SF (50% Warehouse, 50% Manufacturing)	
Office =	15,000 SF (12.4%)
Parking Required: 15,000 X 1 /500 =	30 Stalls
Warehouse =	52,750 SF
Parking Required: 52,750 X 1 /1000 =	53 Stalls
Manufacturing =	52,750 SF
Parking Required: 52,750 X 1 /500 =	106 Stalls
Proposed Building B : 55,810 SF (50% Warehouse, 50% Manufacturing)	
Office =	8,000 SF (14.3%)
Parking Required: 8,000 X 1 /500 =	16 Stalls
Warehouse =	23,905 SF
Parking Required: 23,905 X 1 /1000 =	24 Stalls
Manufacturing =	23,905 SF
Parking Required: 23,905 X 1 /500 =	48 Stalls
Existing Industrial Building : 407,623 SF (50% Warehouse, 50% Manufacturing)	
Office =	33,672 SF (8.2%)
Parking Required: 33,672 X 1 /500 =	67 Stalls
Warehouse =	186,975 SF
Parking Required: 186,975 X 1 /1000 =	187 Stalls
Manufacturing =	186,976 SF
Parking Required: 186,976 X 1 /500 =	374 Stalls

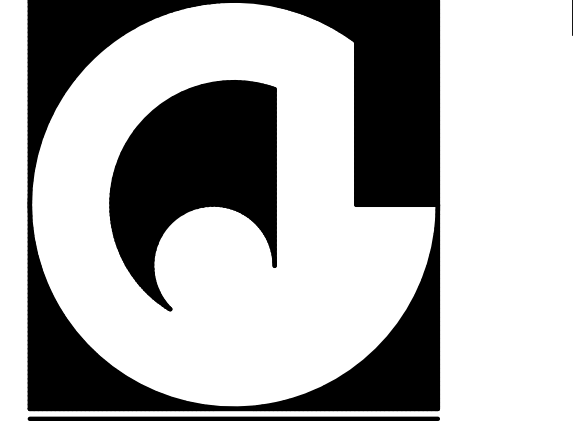
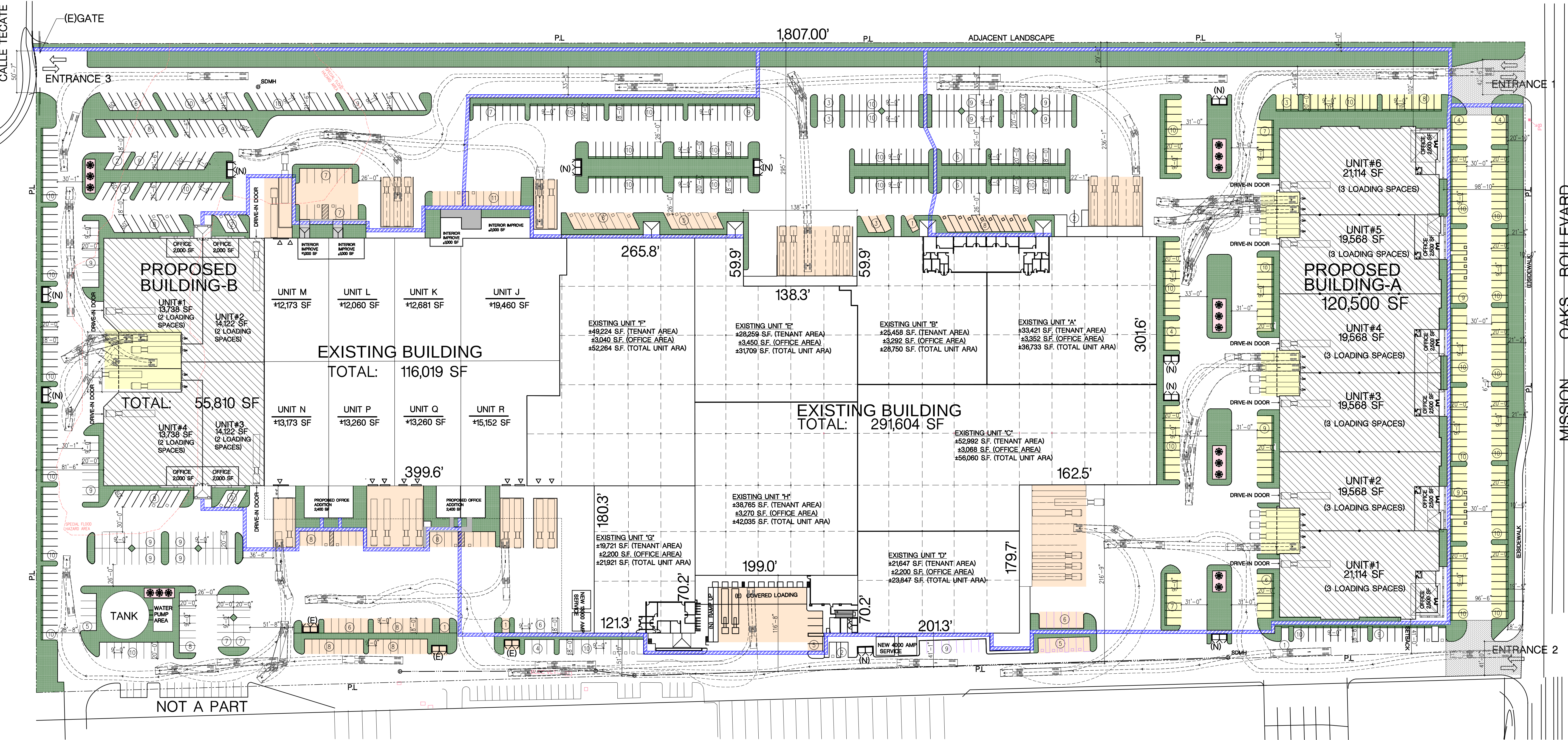
LOADING SPACES:

Proposed Building A :	
Unit-1 = 21,114 SF. (3 Loading Spaces provided)	
Unit-2 = 19,568 SF. (3 Loading Spaces provided)	
Unit-3 = 19,568 SF. (3 Loading Spaces provided)	
Unit-4 = 19,568 SF. (3 Loading Spaces provided)	
Unit-5 = 19,568 SF. (3 Loading Spaces provided)	
Unit-6 = 21,114 SF. (3 Loading Spaces provided)	
Proposed Building B :	
Unit-1 = 13,738 SF. (2 Loading Spaces provided)	
Unit-2 = 14,122 SF. (2 Loading Spaces provided)	
Unit-3 = 13,738 SF. (2 Loading Spaces provided)	
Unit-4 = 14,122 SF. (2 Loading Spaces provided)	
Total Parking Required:	905 Stalls (10% Reduced = 91 Stalls) 814 Stalls
Total Parking Provided:	823 Stalls



LEGEND

	OUTDOOR LUNCH AREA		DECORATIVE PAVEMENT	Note: All parking areas are existin unless noted otherwise.
	4' WIDE ADA PATH		EXISTING PARKING TO REMAIN	



ARCHITECTURE . ENGINEERING

855 MISSION STREET, SOUTH PASADENA, CA 91030
OFFICE : 626-799-4400 FAX : 626-799-7010

PROJECT NAME & SITE ADDRESS:

3233 MISSION OAKS BLVD,
CAMARILLO, CA 93012

DEVELOPER :

Drawing Content :

SITE PLAN



Revisions : Date :

REVISION 09/15/2017

Designer : JC
Manager : M/J/NS/BL
Date : 11/21/2017
Job No : 2017-043
Scale : AS NOTED

Drawing No :

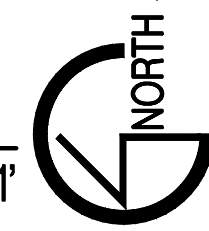
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SHEET : OF :

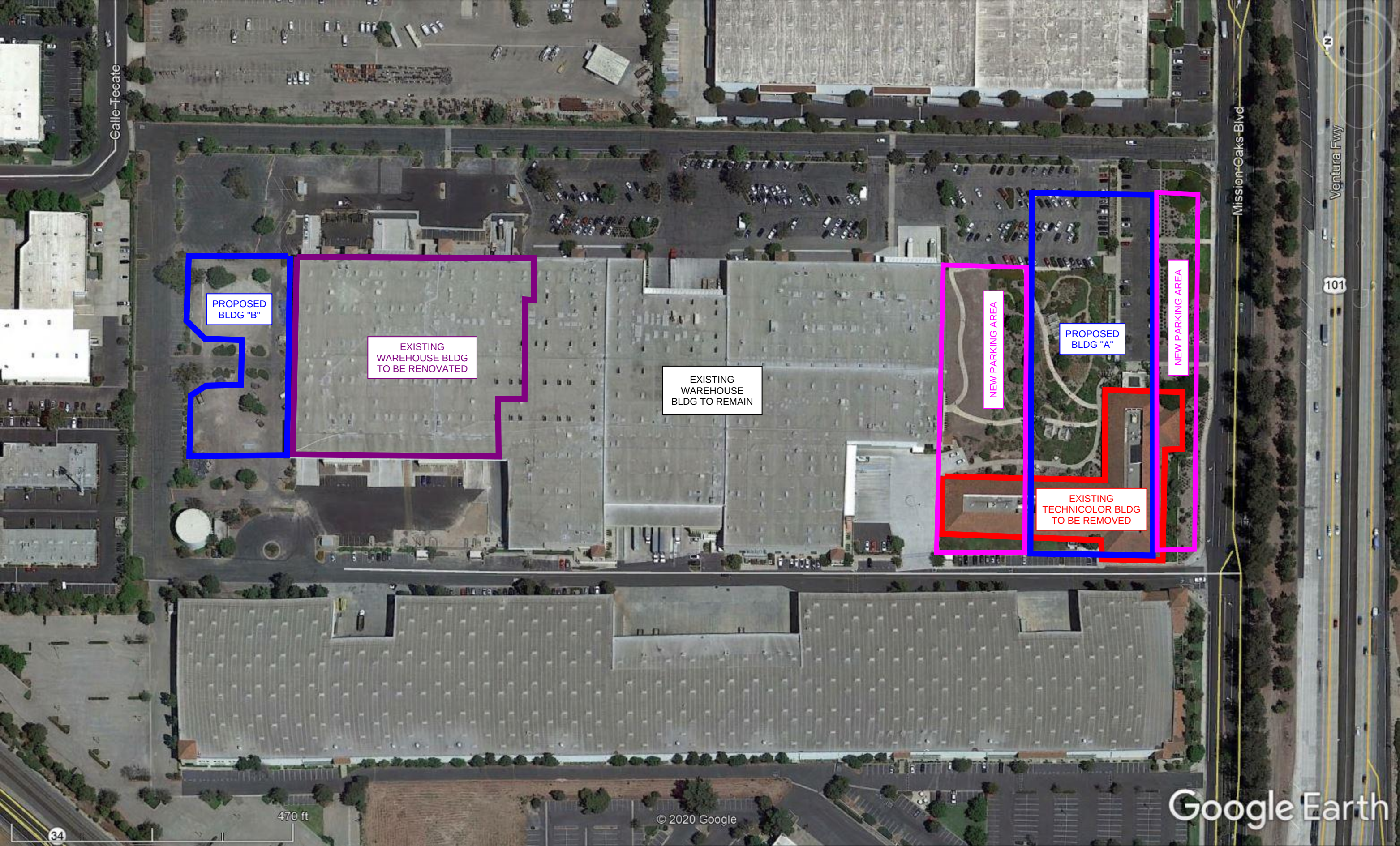
SITE PLAN

3233 MISSION OAKS BLVD, CAMARILLO, CA 93012

SC:1/64"=1'



ATTACHMENT 2 - PROPOSED SITE REVISIONS EXHIBIT



PROPOSED
BLDG "B"

EXISTING
WAREHOUSE BLDG
TO BE RENOVATED

EXISTING
WAREHOUSE
BLDG TO REMAIN

NEW PARKING AREA

PROPOSED
BLDG "A"

NEW PARKING AREA

EXISTING
TECHNICOLOR BLDG
TO BE REMOVED

470 ft

© 2020 Google

Google Earth

**ATTACHMENT 3 - FIXTURES TO BE ADDED AND IRRIGATION AREA
TO BE REMOVED**

To: Merlina Joeng <merlinaj@johncataldo.com>
Cc: Glen Pace <glen.pace@ecgcivil.com>; Mark Saleh <msaleh@rexfordindustrial.com>
Subject: RE: 3233 Mission Oaks Fixture Counts

EXTERNAL EMAIL

Thanks Merlina. That is helpful. To clarify the landscape areas, does that mean you are removing 158,697 sf of landscape area with this project?

Mark – can you help with the number of fixtures to be removed?

Josiah Jenison, P.E. | Senior Engineer

direct: (661) 600-9367 | cell: (805) 231-6915

Josiah.Jenison@ECGcivil.com | www.ECGcivil.com

Find me on [LinkedIn](#)

From: Merlina Joeng <merlinaj@johncataldo.com>
Sent: Thursday, April 16, 2020 10:42 AM
To: Josiah Jenison <josiah.jenison@ecgcivil.com>
Cc: Glen Pace <glen.pace@ecgcivil.com>; Mark Saleh <msaleh@rexfordindustrial.com>
Subject: RE: 3233 Mission Oaks Fixture Counts

Hi Josiah,

Fixtures to be added

There's no plumbing engineer and landscape architect on board yet.
We're going to be adding 20 lavatories and 20 water closets to the project.
However we don't have the floor plan of the existing building that is to be
demoed so I can't tell you how many fixtures are in there to be removed.

Could Mark research if Rexford has the floor plan of that office building on file?

For landscape the existing site plan has a landscape area of 246,697 sf.
The current site plan has a landscape area of 88,000 sf.

Hope this helps. Thanks,

Merlina Joeng

Project Architect

John G. Cataldo & Associates

835 Mission St | South Pasadena, CA 91030

P:626.799.4400 | MerlinaJ@johncataldo.com

Josiah Jenison

From: Merlina Joeng <merlinaj@johncataldo.com> on behalf of Merlina Joeng
Sent: Wednesday, June 17, 2020 10:00 AM
To: Josiah Jenison
Cc: Glen Pace
Subject: FW: Mission Oaks -Landscape area
Attachments: A-1.0 SITE PLAN.pdf

Josiah,
We added more landscaping per Planner's request.
The latest landscape area is 140,282 sf.

Proposed
Landscape
Area

Merlina Joeng

Project Architect

John G. Cataldo & Associates

835 Mission St | South Pasadena, CA 91030

P:626.799.4400 | Merlinaj@johncataldo.com

From: Merlina Joeng
Sent: Monday, June 08, 2020 3:25 PM
To: Josiah Jenison <josiah.jenison@ecgcivil.com>
Cc: Glen Pace <glen.pace@ecgcivil.com>; Mark Saleh <msaleh@rexfordindustrial.com>
Subject: Mission Oaks -Landscape area

Josiah,
Site plan was revised, currently has a landscape area of 138,958 sf.
The existing site plan (prior to improvements) has a landscape area of 246,697 sf.

Merlina Joeng

Project Architect

John G. Cataldo & Associates

835 Mission St | South Pasadena, CA 91030

P:626.799.4400 | Merlinaj@johncataldo.com

ATTACHMENT 4 - HISTORIC DOMESTIC WATER USAGE

Read Date	Days	Bill Period Month	Bill Period Year	Actual Consumption (HCF)
03/02/2020	28	3	20	300
02/03/2020	33	2	20	227
01/01/2020	30	1	20	71
12/02/2019	31	12	19	66
11/01/2019	31	11	19	76
10/01/2019	29	10	19	66
09/02/2019	32	9	19	66
08/01/2019	31	8	19	62
07/01/2019	28	7	19	57
06/03/2019	33	6	19	67
05/01/2019	30	5	19	68
04/01/2019	31	4	19	67
03/01/2019	28	3	19	61
02/01/2019	30	2	19	65
01/02/2019	30	1	19	57
12/03/2018	32	12	18	55
11/01/2018	31	11	18	60
10/01/2018	30	10	18	121
09/01/2018	31	9	18	62
08/01/2018	30	8	18	65
07/02/2018	31	7	18	61
06/01/2018	31	6	18	67
05/01/2018	29	5	18	56
04/02/2018	32	4	18	60
03/01/2018	28	3	18	58
02/01/2018	30	2	18	51
01/02/2018	32	1	18	40
12/01/2017	30	12	17	44
11/01/2017	30	11	17	57
10/02/2017	31	10	17	61
09/01/2017	31	9	17	68
08/01/2017	29	8	17	72
07/03/2017	32	7	17	69
06/01/2017	31	6	17	291
05/01/2017	28	5	17	1143
04/03/2017	33	4	17	899
03/01/2017	28	3	17	602
02/01/2017	29	2	17	647
01/03/2017	33	1	17	669
12/01/2016	30	12	16	786
11/01/2016	29	11	16	902
10/03/2016	32	10	16	1001
09/01/2016	31	9	16	1208
08/01/2016	31	8	16	1270

Read Date	Days	Bill Period Month	Bill Period Year	Actual Consumption (HCF)
07/01/2016	30	7	16	1160
06/01/2016	30	6	16	1044
05/02/2016	31	5	16	819
04/01/2016	31	4	16	786
03/01/2016	29	3	16	898
02/01/2016	28	2	16	625
01/04/2016	34	1	16	490
12/01/2015	30	12	15	675
11/01/2015	31	11	15	1185
10/01/2015	30	10	15	1208
09/01/2015	29	9	15	1230
08/03/2015	33	8	15	1184
07/01/2015	30	7	15	894
06/01/2015	31	6	15	871
05/01/2015	30	5	15	934
04/01/2015	30	4	15	1034
03/02/2015	28	3	15	656
02/02/2015	31	2	15	815
01/02/2015	32	1	15	628
12/01/2014	28	12	14	988
11/03/2014	33	11	14	1161
10/01/2014	29	10	14	1464
09/02/2014	32	9	14	1026
08/01/2014	31	8	14	1055
07/01/2014	29	7	14	865
06/02/2014	32	6	14	989
05/01/2014	30	5	14	773
04/01/2014	29	4	14	887
03/03/2014	28	3	14	948
02/03/2014	33	2	14	972
01/01/2014	30	1	14	836
12/02/2013	31	12	13	1067
11/01/2013	31	11	13	1299
10/01/2013	28	10	13	1392
09/03/2013	33	9	13	1614
08/01/2013	31	8	13	1526
07/01/2013	30	7	13	1160
06/01/2013	31	6	13	1185
05/01/2013	30	5	13	845
04/01/2013	31	4	13	823
03/01/2013	30	3	13	846
02/01/2013	30	2	13	718
01/02/2013	32	1	13	767
12/01/2012	30	12	12	790
11/01/2012	31	11	12	1047
10/01/2012	27	10	12	1191
09/04/2012	34	9	12	1224

Read Date	Days	Bill Period Month	Bill Period Year	Actual Consumption (HCF)
08/01/2012	30	8	12	1042
06/29/2012	28	7	12	1074
06/01/2012	31	6	12	1017
05/01/2012	29	5	12	910
04/02/2012	32	4	12	944
03/01/2012	29	3	12	1080
02/01/2012	29	2	12	917
01/03/2012	33	1	12	1115
12/01/2011	30	12	11	937
11/01/2011	31	11	11	1188
10/01/2011	30	10	11	1124
09/01/2011	31	9	11	1450
08/01/2011	31	8	11	1148
07/01/2011	30	7	11	1038
06/01/2011	30	6	11	1559
05/02/2011	31	5	11	2018
04/01/2011	31	4	11	1777
03/01/2011	28	3	11	1103
02/01/2011	29	2	11	828
01/03/2011	33	1	11	847
12/01/2010	30	12	10	968
11/01/2010	31	11	10	935
10/01/2010	30	10	10	1126
09/01/2010	30	9	10	1417
08/02/2010	32	8	10	1454
07/01/2010	30	7	10	1211
06/01/2010	29	6	10	1173
05/03/2010	32	5	10	1188
04/01/2010	31	4	10	1500
03/01/2010	28	3	10	916
02/01/2010	28	2	10	879
01/04/2010	34	1	10	1001
12/01/2009	15	12	9	662
11/16/2009	46	11	9	3288
10/01/2009	30	10	9	1625
09/01/2009	29	9	9	1412
08/03/2009	33	8	9	1516
07/01/2009	30	7	9	1172
06/01/2009	31	6	9	1197
05/01/2009	30	5	9	1064
04/01/2009	30	4	9	831
03/02/2009	28	3	9	837
02/02/2009	31	2	9	988
01/02/2009	32	1	9	970
12/01/2008	28	12	8	1443
11/03/2008	33	11	8	1412
10/01/2008	29	10	8	1374

Read Date	Days	Bill Period Month	Bill Period Year	Actual Consumption (HCF)
09/02/2008	32	9	8	1159
08/01/2008	31	8	8	1120
07/01/2008	29	7	8	1025
06/02/2008	32	6	8	1049
05/01/2008	30	5	8	913
04/01/2008	29	4	8	833
03/03/2008	31	3	8	895
02/01/2008	30	2	8	904
01/02/2008	30	1	8	1001
12/03/2007	32	12	7	1247
11/01/2007	31	11	7	1137
10/01/2007	27	10	7	1579
09/04/2007	34	9	7	1795
08/01/2007	30	8	7	1307
07/02/2007	31	7	7	1160
06/01/2007	31	6	7	983
05/01/2007	29	5	7	910
04/02/2007	32	4	7	1187
03/01/2007	28	3	7	1109
02/01/2007	30	2	7	1558
01/02/2007	32	1	7	1777
12/01/2006	30	12	6	2216
11/01/2006	30	11	6	1994
10/02/2006	31	10	6	2363
09/01/2006	30	9	6	2511
08/02/2006	30	8	6	2544
07/03/2006	32	7	6	2510
06/01/2006	31	6	6	2393
05/01/2006	28	5	6	2488
04/03/2006	33	4	6	2592
03/01/2006	28	3	6	2790
02/01/2006	29	2	6	2972
01/03/2006	33	1	6	3099
12/01/2005	30	12	5	3480
11/01/2005	29	11	5	3571
10/03/2005	31	10	5	3840
09/02/2005	32	9	5	3934
08/01/2005	31	8	5	3178
07/01/2005	30	7	5	2751
06/01/2005	30	6	5	2598
05/02/2005	31	5	5	2208
04/01/2005	31	4	5	2043
03/01/2005	28	3	5	2380
02/01/2005	29	2	5	2414
01/03/2005	33	1	5	2591
12/01/2004	34	12	4	3235
10/28/2004	27	11	4	2616

Read Date	Days	Bill Period Month	Bill Period Year	Actual Consumption (HCF)
10/01/2004	30	10	4	3172
09/01/2004	30	9	4	3162
08/02/2004	32	8	4	3259
07/01/2004	30	7	4	2582
06/01/2004	29	6	4	2455
05/03/2004	32	5	4	3067
04/01/2004	31	4	4	2973
03/01/2004	28	3	4	2340
02/02/2004	31	2	4	2891
01/02/2004	60	1	4	5717
11/03/2003	33	11	3	3435
10/01/2003	29	10	3	3451
09/02/2003	32	9	3	3908
08/01/2003	31	8	3	3515
07/01/2003	29	7	3	2894
06/02/2003	32	6	3	2713
05/01/2003	30	5	3	2500
04/01/2003	29	4	3	2300
03/03/2003	28	3	3	1179
02/03/2003	32	2	3	2327
01/02/2003	31	1	3	2662
12/02/2002	31	12	2	3220
11/01/2002	31	11	2	2868
10/01/2002	28	10	2	3090
09/03/2002	33	9	2	3255
08/01/2002	31	8	2	2632
07/01/2002	28	7	2	2348
06/03/2002	33	6	2	2729
05/01/2002	30	5	2	2523
04/01/2002	28	4	2	2375
03/04/2002	31	3	2	2877
02/01/2002	30	2	2	2335
01/02/2002	30	1	2	2305
12/03/2001	32	12	1	2456
11/01/2001	30	11	1	2544
10/02/2001	29	10	1	1989
09/03/2001	33	9	1	2447
08/01/2001	30	8	1	2076
07/02/2001	31	7	1	2099
06/01/2001	31	6	1	1981
05/01/2001	29	5	1	1975
04/02/2001	32	4	1	2037
03/01/2001	28	3	1	1631
02/01/2001	31	2	1	1653
01/01/2001	28	1	1	1805
12/04/2000	30	12	0	2481

Total Avg= 1443.2

ATTACHMENT 5 - HISTORIC IRRIGATION WATER USAGE

Read Date	Days	Bill Period Month	Bill Period Year	Actual Consumption (HCF)
03/02/2020	28	3	20	122
02/03/2020	33	2	20	128
01/01/2020	30	1	20	82
12/02/2019	31	12	19	322
11/01/2019	31	11	19	292
10/01/2019	29	10	19	470
09/02/2019	32	9	19	547
08/01/2019	31	8	19	218
07/01/2019	28	7	19	462
06/03/2019	33	6	19	595
05/01/2019	30	5	19	183
04/01/2019	31	4	19	1
03/01/2019	28	3	19	5
02/01/2019	30	2	19	0
01/02/2019	30	1	19	48
12/03/2018	32	12	18	287
11/01/2018	31	11	18	503
10/01/2018	30	10	18	311
09/01/2018	31	9	18	331
08/01/2018	30	8	18	504
07/02/2018	31	7	18	200
06/01/2018	31	6	18	163
05/01/2018	29	5	18	244
04/02/2018	32	4	18	66
03/01/2018	28	3	18	228
02/01/2018	30	2	18	117
01/02/2018	32	1	18	202
12/01/2017	30	12	17	218
11/01/2017	30	11	17	309
10/02/2017	31	10	17	393
09/01/2017	31	9	17	504
08/01/2017	29	8	17	607
07/03/2017	32	7	17	606
06/01/2017	31	6	17	623
05/01/2017	28	5	17	229
04/03/2017	33	4	17	149
03/01/2017	28	3	17	6
02/01/2017	29	2	17	11
01/03/2017	33	1	17	34
12/01/2016	30	12	16	207
11/01/2016	29	11	16	485
10/03/2016	32	10	16	847
09/01/2016	31	9	16	526
08/01/2016	31	8	16	369

Read Date	Days	Bill Period Month	Bill Period Year	Actual Consumption (HCF)
07/01/2016	30	7	16	340
06/01/2016	30	6	16	317
05/02/2016	31	5	16	190
04/01/2016	31	4	16	78
03/01/2016	29	3	16	151
02/01/2016	28	2	16	63
01/04/2016	34	1	16	209
12/01/2015	30	12	15	213
11/01/2015	31	11	15	236
10/01/2015	30	10	15	782
09/01/2015	29	9	15	677
08/03/2015	33	8	15	126
07/01/2015	30	7	15	323
06/01/2015	31	6	15	649
05/01/2015	30	5	15	572
04/01/2015	30	4	15	606
03/02/2015	28	3	15	497
02/02/2015	31	2	15	531
01/02/2015	32	1	15	346
12/01/2014	28	12	14	723
11/03/2014	33	11	14	781
10/01/2014	29	10	14	802
09/02/2014	32	9	14	900
08/01/2014	31	8	14	1071
07/01/2014	29	7	14	1058
06/02/2014	32	6	14	1143
05/01/2014	30	5	14	222
04/01/2014	29	4	14	159
03/03/2014	28	3	14	318
02/03/2014	33	2	14	271
01/01/2014	30	1	14	492
12/02/2013	31	12	13	403
11/01/2013	31	11	13	660
10/01/2013	28	10	13	716
09/03/2013	33	9	13	886
08/01/2013	31	8	13	828
07/01/2013	30	7	13	761
06/01/2013	31	6	13	737
05/01/2013	30	5	13	584
04/01/2013	31	4	13	226
03/01/2013	28	3	13	106
02/01/2013	30	2	13	208
01/02/2013	2	1	13	77
12/01/2012	30	12	12	13
11/01/2012	31	11	12	44
10/01/2012	27	10	12	6
09/04/2012	34	9	12	8

Read Date	Days	Bill Period Month	Bill Period Year	Actual Consumption (HCF)
08/01/2012	30	8	12	9
06/29/2012	28	7	12	9
06/01/2012	31	6	12	6
05/01/2012	29	5	12	0
04/02/2012	32	4	12	3
03/01/2012	29	3	12	2
02/01/2012	29	2	12	2
01/03/2012	33	1	12	3
12/01/2011	30	12	11	4
11/01/2011	31	11	11	6
10/01/2011	30	10	11	18
09/01/2011	31	9	11	11
08/01/2011	31	8	11	16
07/01/2011	30	7	11	27
06/01/2011	30	6	11	12
05/02/2011	31	5	11	2
04/01/2011	31	4	11	0
03/01/2011	28	3	11	5
02/01/2011	29	2	11	6
01/03/2011	33	1	11	14
12/01/2010	30	12	10	18
11/01/2010	31	11	10	19
10/01/2010	30	10	10	30
09/01/2010	30	9	10	21
08/02/2010	32	8	10	16
07/01/2010	30	7	10	23
06/01/2010	29	6	10	20
05/03/2010	32	5	10	11
04/01/2010	31	4	10	0
03/01/2010	28	3	10	0
02/01/2010	28	2	10	1
01/04/2010	34	1	10	5
12/01/2009	15	12	9	6
11/16/2009	46	11	9	41
10/01/2009	30	10	9	46
09/01/2009	29	9	9	53
08/03/2009	33	8	9	68
07/01/2009	30	7	9	66
06/01/2009	31	6	9	81
05/01/2009	30	5	9	52
04/01/2009	30	4	9	34
03/02/2009	28	3	9	120
02/02/2009	31	2	9	339
01/02/2009	32	1	9	336
12/01/2008	28	12	8	548
11/03/2008	33	11	8	787
10/01/2008	29	10	8	751

Read Date	Days	Bill Period Month	Bill Period Year	Actual Consumption (HCF)
09/02/2008	32	9	8	778
08/01/2008	31	8	8	928
07/01/2008	29	7	8	838
06/02/2008	32	6	8	1044
05/01/2008	30	5	8	707
04/01/2008	29	4	8	602
03/03/2008	31	3	8	334
02/01/2008	30	2	8	466
01/02/2008	30	1	8	509
12/03/2007	32	12	7	702
11/01/2007	31	11	7	1049
10/01/2007	27	10	7	973
09/04/2007	34	9	7	934
08/01/2007	30	8	7	1165
07/02/2007	31	7	7	725
06/01/2007	31	6	7	639
05/01/2007	29	5	7	447
04/02/2007	32	4	7	426
03/01/2007	28	3	7	204
02/01/2007	30	2	7	533
01/02/2007	32	1	7	496
12/01/2006	30	12	6	658
11/01/2006	30	11	6	621
10/02/2006	31	10	6	873
09/01/2006	30	9	6	876
08/02/2006	30	8	6	869
07/03/2006	32	7	6	723
06/01/2006	31	6	6	633
05/01/2006	28	5	6	248
04/03/2006	33	4	6	109
03/01/2006	28	3	6	529
02/01/2006	29	2	6	463
01/03/2006	33	1	6	508
12/01/2005	30	12	5	629
11/01/2005	29	11	5	536
10/03/2005	31	10	5	849
09/02/2005	32	9	5	877
08/01/2005	31	8	5	805
07/01/2005	30	7	5	744
06/01/2005	30	6	5	621
05/02/2005	31	5	5	696
04/01/2005	31	4	5	280
03/01/2005	28	3	5	278
02/01/2005	29	2	5	254
01/03/2005	33	1	5	226
12/01/2004	34	12	4	744
10/28/2004	27	11	4	514

Read Date	Days	Bill Period Month	Bill Period Year	Actual Consumption (HCF)
10/01/2004	30	10	4	882
09/01/2004	30	9	4	891
08/02/2004	32	8	4	1013
07/01/2004	30	7	4	925
06/01/2004	29	6	4	723
05/03/2004	32	5	4	719
04/01/2004	31	4	4	405
03/01/2004	28	3	4	137
02/02/2004	31	2	4	377
01/02/2004	32	1	4	223
12/01/2003	28	12	3	263
11/03/2003	33	11	3	453
10/01/2003	29	10	3	726
09/02/2003	32	9	3	902
08/01/2003	31	8	3	785
07/01/2003	29	7	3	614
06/02/2003	32	6	3	599
05/01/2003	30	5	3	537
04/01/2003	29	4	3	258
03/03/2003	28	3	3	282
02/03/2003	32	2	3	247
01/02/2003	31	1	3	106
12/02/2002	31	12	2	278
11/01/2002	31	11	2	558
10/01/2002	28	10	2	714
09/03/2002	33	9	2	898
08/01/2002	31	8	2	909
07/01/2002	28	7	2	769
06/03/2002	33	6	2	692
05/01/2002	30	5	2	546
04/01/2002	28	4	2	550
03/04/2002	31	3	2	672
02/01/2002	30	2	2	275
01/02/2002	30	1	2	337
12/03/2001	32	12	1	171
11/01/2001	30	11	1	699
10/02/2001	29	10	1	598
09/03/2001	33	9	1	958
08/01/2001	30	8	1	996
07/02/2001	31	7	1	1062
06/01/2001	31	6	1	750
05/01/2001	29	5	1	767
04/02/2001	32	4	1	453
03/01/2001	28	3	1	77
02/01/2001	31	2	1	194
01/01/2001	28	1	1	614
12/04/2000	30	12	0	734

Total Avg= 407.4

**ATTACHMENT 6 - CAMARILLO SANITARY DISTRICT SYSTEM
EVALUATION AND CAPACITY ASSURANCE PLAN - CAPACITY
DEFICIENCIES EXHIBIT**

