

517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

**517 East Broadway (5-story/Med/General Office/Retail)**  
**Los Angeles-South Coast County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	14.31	1000sqft	0.33	14,314.00	0
Medical Office Building	7.70	1000sqft	0.18	7,698.00	0
Strip Mall	3.55	1000sqft	0.08	3,552.00	0
Enclosed Parking with Elevator	36.57	1000sqft	0.84	36,574.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	33
<b>Climate Zone</b>	12			<b>Operational Year</b>	2021

**Utility Company**

<b>CO2 Intensity (lb/MW hr)</b>	0	<b>CH4 Intensity (lb/MW hr)</b>	0	<b>N2O Intensity (lb/MW hr)</b>	0
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**1.3 User Entered Comments & Non-Default Data**

## 517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

Project Characteristics - Demolish 1-story, 3,976 medical office building and at-grade parking lot. Construct a new 5-story commercial building that will include 14,314 SF of general office, 7,698 SF of medical office, 3,552 SF of retail, and 36,574 SF of enclosed parking (w/ elevator) within a 4-level subterranean garage.

Land Use - The project site is 12,086 SF (11,831 SF after a 256 SF sidewalk dedication). The project's use composition will include 14,314 SF of general office, 7,698 SF of medical office, 3,552 SF of retail, and 36,574 SF of enclosed parking (w/ elevator) within a 4-level subterranean garage.

Grading - Grading will include 13,239 CY of grading (all export)

Demolition - Demolition will include a 1-story 3,976 SF commercial building

Energy Use -

Construction Phase - A total of 13,239 CY of grading (all export) will occur over an 8 day period.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	4.00	8.00
tblConstructionPhase	PhaseEndDate	8/4/2020	8/10/2020
tblGrading	AcresOfGrading	3.00	1.50
tblGrading	MaterialExported	0.00	13,239.00
tblLandUse	LandUseSquareFeet	14,310.00	14,314.00
tblLandUse	LandUseSquareFeet	7,700.00	7,698.00
tblLandUse	LandUseSquareFeet	3,550.00	3,552.00
tblLandUse	LandUseSquareFeet	36,570.00	36,574.00

## 2.0 Emissions Summary

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517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.5874	6.0000e-005	6.3700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0136	0.0136	4.0000e-005		0.0145
Energy	6.9400e-003	0.0631	0.0530	3.8000e-004		4.8000e-003	4.8000e-003		4.8000e-003	4.8000e-003		75.7358	75.7358	1.4500e-003	1.3900e-003	76.1858
Mobile	1.0221	4.6154	12.4649	0.0418	3.2522	0.0347	3.2870	0.8704	0.0324	0.9028		4,251.4592	4,251.4592	0.2270		4,257.1340
<b>Total</b>	<b>1.6165</b>	<b>4.6786</b>	<b>12.5243</b>	<b>0.0422</b>	<b>3.2522</b>	<b>0.0396</b>	<b>3.2918</b>	<b>0.8704</b>	<b>0.0373</b>	<b>0.9076</b>		<b>4,327.2086</b>	<b>4,327.2086</b>	<b>0.2285</b>	<b>1.3900e-003</b>	<b>4,333.3343</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.5874	6.0000e-005	6.3700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0136	0.0136	4.0000e-005		0.0145
Energy	6.9400e-003	0.0631	0.0530	3.8000e-004		4.8000e-003	4.8000e-003		4.8000e-003	4.8000e-003		75.7358	75.7358	1.4500e-003	1.3900e-003	76.1858
Mobile	1.0221	4.6154	12.4649	0.0418	3.2522	0.0347	3.2870	0.8704	0.0324	0.9028		4,251.4592	4,251.4592	0.2270		4,257.1340
<b>Total</b>	<b>1.6165</b>	<b>4.6786</b>	<b>12.5243</b>	<b>0.0422</b>	<b>3.2522</b>	<b>0.0396</b>	<b>3.2918</b>	<b>0.8704</b>	<b>0.0373</b>	<b>0.9076</b>		<b>4,327.2086</b>	<b>4,327.2086</b>	<b>0.2285</b>	<b>1.3900e-003</b>	<b>4,333.3343</b>

## 517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

### 3.0 Construction Detail

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/30/2020	7/27/2020	5	20	
2	Site Preparation	Site Preparation	7/28/2020	7/29/2020	5	2	
3	Grading	Grading	7/30/2020	8/10/2020	5	8	
4	Building Construction	Building Construction	8/5/2020	5/11/2021	5	200	
5	Paving	Paving	5/12/2021	5/25/2021	5	10	
6	Architectural Coating	Architectural Coating	5/26/2021	6/8/2021	5	10	

Acres of Grading (Site Preparation Phase): 1

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0.84

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 38,346; Non-Residential Outdoor: 12,782; Striped Parking Area: 2,194 (Architectural Coating – sqft)

#### OffRoad Equipment

## 517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	6.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Building Construction	Welders	3	8.00	46	0.45

**Trips and VMT**

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	18.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	1,655.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	24.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1957	0.0000	0.1957	0.0296	0.0000	0.0296			0.0000			0.0000
Off-Road	2.1262	20.9463	14.6573	0.0241		1.1525	1.1525		1.0761	1.0761		2,322.3127	2,322.3127	0.5970		2,337.2363
<b>Total</b>	<b>2.1262</b>	<b>20.9463</b>	<b>14.6573</b>	<b>0.0241</b>	<b>0.1957</b>	<b>1.1525</b>	<b>1.3482</b>	<b>0.0296</b>	<b>1.0761</b>	<b>1.1058</b>		<b>2,322.3127</b>	<b>2,322.3127</b>	<b>0.5970</b>		<b>2,337.2363</b>

517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.8600e-003	0.2588	0.0573	7.1000e-004	0.0157	8.3000e-004	0.0166	4.3100e-003	7.9000e-004	5.1000e-003		77.0249	77.0249	5.2400e-003		77.1559
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0598	0.0426	0.5692	1.5400e-003	0.1453	1.2100e-003	0.1465	0.0385	1.1200e-003	0.0397		152.8947	152.8947	4.8200e-003		153.0152
<b>Total</b>	<b>0.0677</b>	<b>0.3014</b>	<b>0.6265</b>	<b>2.2500e-003</b>	<b>0.1611</b>	<b>2.0400e-003</b>	<b>0.1631</b>	<b>0.0429</b>	<b>1.9100e-003</b>	<b>0.0448</b>		<b>229.9195</b>	<b>229.9195</b>	<b>0.0101</b>		<b>230.1711</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1957	0.0000	0.1957	0.0296	0.0000	0.0296			0.0000			0.0000
Off-Road	2.1262	20.9463	14.6573	0.0241		1.1525	1.1525		1.0761	1.0761	0.0000	2,322.3127	2,322.3127	0.5970		2,337.2363
<b>Total</b>	<b>2.1262</b>	<b>20.9463</b>	<b>14.6573</b>	<b>0.0241</b>	<b>0.1957</b>	<b>1.1525</b>	<b>1.3482</b>	<b>0.0296</b>	<b>1.0761</b>	<b>1.1058</b>	<b>0.0000</b>	<b>2,322.3127</b>	<b>2,322.3127</b>	<b>0.5970</b>		<b>2,337.2363</b>



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**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.8600e-003	0.2588	0.0573	7.1000e-004	0.0157	8.3000e-004	0.0166	4.3100e-003	7.9000e-004	5.1000e-003		77.0249	77.0249	5.2400e-003		77.1559
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0598	0.0426	0.5692	1.5400e-003	0.1453	1.2100e-003	0.1465	0.0385	1.1200e-003	0.0397		152.8947	152.8947	4.8200e-003		153.0152
<b>Total</b>	<b>0.0677</b>	<b>0.3014</b>	<b>0.6265</b>	<b>2.2500e-003</b>	<b>0.1611</b>	<b>2.0400e-003</b>	<b>0.1631</b>	<b>0.0429</b>	<b>1.9100e-003</b>	<b>0.0448</b>		<b>229.9195</b>	<b>229.9195</b>	<b>0.0101</b>		<b>230.1711</b>

**3.3 Site Preparation - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.7996	0.0000	5.7996	2.9537	0.0000	2.9537			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
<b>Total</b>	<b>1.6299</b>	<b>18.3464</b>	<b>7.7093</b>	<b>0.0172</b>	<b>5.7996</b>	<b>0.8210</b>	<b>6.6205</b>	<b>2.9537</b>	<b>0.7553</b>	<b>3.7090</b>		<b>1,667.4119</b>	<b>1,667.4119</b>	<b>0.5393</b>		<b>1,680.8937</b>

517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

**3.3 Site Preparation - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0368	0.0262	0.3503	9.4000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		94.0890	94.0890	2.9700e-003		94.1632
<b>Total</b>	<b>0.0368</b>	<b>0.0262</b>	<b>0.3503</b>	<b>9.4000e-004</b>	<b>0.0894</b>	<b>7.5000e-004</b>	<b>0.0902</b>	<b>0.0237</b>	<b>6.9000e-004</b>	<b>0.0244</b>		<b>94.0890</b>	<b>94.0890</b>	<b>2.9700e-003</b>		<b>94.1632</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.7996	0.0000	5.7996	2.9537	0.0000	2.9537			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
<b>Total</b>	<b>1.6299</b>	<b>18.3464</b>	<b>7.7093</b>	<b>0.0172</b>	<b>5.7996</b>	<b>0.8210</b>	<b>6.6205</b>	<b>2.9537</b>	<b>0.7553</b>	<b>3.7090</b>	<b>0.0000</b>	<b>1,667.4119</b>	<b>1,667.4119</b>	<b>0.5393</b>		<b>1,680.8937</b>

517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

**3.3 Site Preparation - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0368	0.0262	0.3503	9.4000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		94.0890	94.0890	2.9700e-003		94.1632
<b>Total</b>	<b>0.0368</b>	<b>0.0262</b>	<b>0.3503</b>	<b>9.4000e-004</b>	<b>0.0894</b>	<b>7.5000e-004</b>	<b>0.0902</b>	<b>0.0237</b>	<b>6.9000e-004</b>	<b>0.0244</b>		<b>94.0890</b>	<b>94.0890</b>	<b>2.9700e-003</b>		<b>94.1632</b>

**3.4 Grading - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.9026	0.0000	4.9026	2.5325	0.0000	2.5325			0.0000			0.0000
Off-Road	1.3498	15.0854	6.4543	0.0141		0.6844	0.6844		0.6296	0.6296		1,365.7183	1,365.7183	0.4417		1,376.7609
<b>Total</b>	<b>1.3498</b>	<b>15.0854</b>	<b>6.4543</b>	<b>0.0141</b>	<b>4.9026</b>	<b>0.6844</b>	<b>5.5869</b>	<b>2.5325</b>	<b>0.6296</b>	<b>3.1621</b>		<b>1,365.7183</b>	<b>1,365.7183</b>	<b>0.4417</b>		<b>1,376.7609</b>

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**3.4 Grading - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.8070	59.4850	13.1813	0.1634	3.6171	0.1899	3.8070	0.9915	0.1816	1.1731		17,705.0207	17,705.0207	1.2051		17,735.1486
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0368	0.0262	0.3503	9.4000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		94.0890	94.0890	2.9700e-003		94.1632
<b>Total</b>	<b>1.8439</b>	<b>59.5112</b>	<b>13.5316</b>	<b>0.1643</b>	<b>3.7065</b>	<b>0.1906</b>	<b>3.8971</b>	<b>1.0152</b>	<b>0.1823</b>	<b>1.1975</b>		<b>17,799.1097</b>	<b>17,799.1097</b>	<b>1.2081</b>		<b>17,829.3118</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.9026	0.0000	4.9026	2.5325	0.0000	2.5325			0.0000			0.0000
Off-Road	1.3498	15.0854	6.4543	0.0141		0.6844	0.6844		0.6296	0.6296	0.0000	1,365.7183	1,365.7183	0.4417		1,376.7609
<b>Total</b>	<b>1.3498</b>	<b>15.0854</b>	<b>6.4543</b>	<b>0.0141</b>	<b>4.9026</b>	<b>0.6844</b>	<b>5.5869</b>	<b>2.5325</b>	<b>0.6296</b>	<b>3.1621</b>	<b>0.0000</b>	<b>1,365.7183</b>	<b>1,365.7183</b>	<b>0.4417</b>		<b>1,376.7609</b>

517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

**3.4 Grading - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.8070	59.4850	13.1813	0.1634	3.6171	0.1899	3.8070	0.9915	0.1816	1.1731		17,705.0207	17,705.0207	1.2051		17,735.1486
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0368	0.0262	0.3503	9.4000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		94.0890	94.0890	2.9700e-003		94.1632
<b>Total</b>	<b>1.8439</b>	<b>59.5112</b>	<b>13.5316</b>	<b>0.1643</b>	<b>3.7065</b>	<b>0.1906</b>	<b>3.8971</b>	<b>1.0152</b>	<b>0.1823</b>	<b>1.1975</b>		<b>17,799.1097</b>	<b>17,799.1097</b>	<b>1.2081</b>		<b>17,829.3118</b>

**3.5 Building Construction - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688		2,001.1595	2,001.1595	0.3715		2,010.4467
<b>Total</b>	<b>2.0305</b>	<b>14.7882</b>	<b>13.1881</b>	<b>0.0220</b>		<b>0.7960</b>	<b>0.7960</b>		<b>0.7688</b>	<b>0.7688</b>		<b>2,001.1595</b>	<b>2,001.1595</b>	<b>0.3715</b>		<b>2,010.4467</b>

517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

**3.5 Building Construction - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.0637	0.2787	2.5900e-003	0.0640	5.0100e-003	0.0690	0.0184	4.7900e-003	0.0232		277.0247	277.0247	0.0169		277.4473
Worker	0.1105	0.0786	1.0508	2.8300e-003	0.2683	2.2400e-003	0.2705	0.0711	2.0700e-003	0.0732		282.2671	282.2671	8.9000e-003		282.4896
<b>Total</b>	<b>0.1460</b>	<b>1.1423</b>	<b>1.3295</b>	<b>5.4200e-003</b>	<b>0.3323</b>	<b>7.2500e-003</b>	<b>0.3395</b>	<b>0.0896</b>	<b>6.8600e-003</b>	<b>0.0964</b>		<b>559.2918</b>	<b>559.2918</b>	<b>0.0258</b>		<b>559.9369</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688	0.0000	2,001.1595	2,001.1595	0.3715		2,010.4467
<b>Total</b>	<b>2.0305</b>	<b>14.7882</b>	<b>13.1881</b>	<b>0.0220</b>		<b>0.7960</b>	<b>0.7960</b>		<b>0.7688</b>	<b>0.7688</b>	<b>0.0000</b>	<b>2,001.1595</b>	<b>2,001.1595</b>	<b>0.3715</b>		<b>2,010.4467</b>

517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

### 3.5 Building Construction - 2020

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.0637	0.2787	2.5900e-003	0.0640	5.0100e-003	0.0690	0.0184	4.7900e-003	0.0232		277.0247	277.0247	0.0169		277.4473
Worker	0.1105	0.0786	1.0508	2.8300e-003	0.2683	2.2400e-003	0.2705	0.0711	2.0700e-003	0.0732		282.2671	282.2671	8.9000e-003		282.4896
<b>Total</b>	<b>0.1460</b>	<b>1.1423</b>	<b>1.3295</b>	<b>5.4200e-003</b>	<b>0.3323</b>	<b>7.2500e-003</b>	<b>0.3395</b>	<b>0.0896</b>	<b>6.8600e-003</b>	<b>0.0964</b>		<b>559.2918</b>	<b>559.2918</b>	<b>0.0258</b>		<b>559.9369</b>

### 3.5 Building Construction - 2021

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608		2,001.2200	2,001.2200	0.3573		2,010.1517
<b>Total</b>	<b>1.8125</b>	<b>13.6361</b>	<b>12.8994</b>	<b>0.0221</b>		<b>0.6843</b>	<b>0.6843</b>		<b>0.6608</b>	<b>0.6608</b>		<b>2,001.2200</b>	<b>2,001.2200</b>	<b>0.3573</b>		<b>2,010.1517</b>

517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

**3.5 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0304	0.9709	0.2538	2.5700e-003	0.0640	1.9900e-003	0.0660	0.0184	1.9000e-003	0.0203		274.8806	274.8806	0.0162		275.2855
Worker	0.1029	0.0707	0.9667	2.7400e-003	0.2683	2.1700e-003	0.2704	0.0711	2.0000e-003	0.0731		273.3048	273.3048	8.0500e-003		273.5061
<b>Total</b>	<b>0.1333</b>	<b>1.0416</b>	<b>1.2205</b>	<b>5.3100e-003</b>	<b>0.3323</b>	<b>4.1600e-003</b>	<b>0.3364</b>	<b>0.0896</b>	<b>3.9000e-003</b>	<b>0.0935</b>		<b>548.1854</b>	<b>548.1854</b>	<b>0.0242</b>		<b>548.7916</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608	0.0000	2,001.2200	2,001.2200	0.3573		2,010.1517
<b>Total</b>	<b>1.8125</b>	<b>13.6361</b>	<b>12.8994</b>	<b>0.0221</b>		<b>0.6843</b>	<b>0.6843</b>		<b>0.6608</b>	<b>0.6608</b>	<b>0.0000</b>	<b>2,001.2200</b>	<b>2,001.2200</b>	<b>0.3573</b>		<b>2,010.1517</b>



517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

**3.5 Building Construction - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0304	0.9709	0.2538	2.5700e-003	0.0640	1.9900e-003	0.0660	0.0184	1.9000e-003	0.0203		274.8806	274.8806	0.0162		275.2855
Worker	0.1029	0.0707	0.9667	2.7400e-003	0.2683	2.1700e-003	0.2704	0.0711	2.0000e-003	0.0731		273.3048	273.3048	8.0500e-003		273.5061
<b>Total</b>	<b>0.1333</b>	<b>1.0416</b>	<b>1.2205</b>	<b>5.3100e-003</b>	<b>0.3323</b>	<b>4.1600e-003</b>	<b>0.3364</b>	<b>0.0896</b>	<b>3.9000e-003</b>	<b>0.0935</b>		<b>548.1854</b>	<b>548.1854</b>	<b>0.0242</b>		<b>548.7916</b>

**3.6 Paving - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7739	7.7422	8.8569	0.0135		0.4153	0.4153		0.3830	0.3830		1,296.8664	1,296.8664	0.4111		1,307.1442
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.7739</b>	<b>7.7422</b>	<b>8.8569</b>	<b>0.0135</b>		<b>0.4153</b>	<b>0.4153</b>		<b>0.3830</b>	<b>0.3830</b>		<b>1,296.8664</b>	<b>1,296.8664</b>	<b>0.4111</b>		<b>1,307.1442</b>

517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

**3.6 Paving - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0557	0.0383	0.5236	1.4900e-003	0.1453	1.1700e-003	0.1465	0.0385	1.0800e-003	0.0396		148.0401	148.0401	4.3600e-003		148.1491
<b>Total</b>	<b>0.0557</b>	<b>0.0383</b>	<b>0.5236</b>	<b>1.4900e-003</b>	<b>0.1453</b>	<b>1.1700e-003</b>	<b>0.1465</b>	<b>0.0385</b>	<b>1.0800e-003</b>	<b>0.0396</b>		<b>148.0401</b>	<b>148.0401</b>	<b>4.3600e-003</b>		<b>148.1491</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7739	7.7422	8.8569	0.0135		0.4153	0.4153		0.3830	0.3830	0.0000	1,296.8664	1,296.8664	0.4111		1,307.1442
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.7739</b>	<b>7.7422</b>	<b>8.8569</b>	<b>0.0135</b>		<b>0.4153</b>	<b>0.4153</b>		<b>0.3830</b>	<b>0.3830</b>	<b>0.0000</b>	<b>1,296.8664</b>	<b>1,296.8664</b>	<b>0.4111</b>		<b>1,307.1442</b>

517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

**3.6 Paving - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0557	0.0383	0.5236	1.4900e-003	0.1453	1.1700e-003	0.1465	0.0385	1.0800e-003	0.0396		148.0401	148.0401	4.3600e-003		148.1491
<b>Total</b>	<b>0.0557</b>	<b>0.0383</b>	<b>0.5236</b>	<b>1.4900e-003</b>	<b>0.1453</b>	<b>1.1700e-003</b>	<b>0.1465</b>	<b>0.0385</b>	<b>1.0800e-003</b>	<b>0.0396</b>		<b>148.0401</b>	<b>148.0401</b>	<b>4.3600e-003</b>		<b>148.1491</b>

**3.7 Architectural Coating - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	24.7148					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>24.9337</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>

517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

**3.7 Architectural Coating - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0214	0.0147	0.2014	5.7000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		56.9385	56.9385	1.6800e-003		56.9804
<b>Total</b>	<b>0.0214</b>	<b>0.0147</b>	<b>0.2014</b>	<b>5.7000e-004</b>	<b>0.0559</b>	<b>4.5000e-004</b>	<b>0.0563</b>	<b>0.0148</b>	<b>4.2000e-004</b>	<b>0.0152</b>		<b>56.9385</b>	<b>56.9385</b>	<b>1.6800e-003</b>		<b>56.9804</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	24.7148					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>24.9337</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>

517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

### 3.7 Architectural Coating - 2021

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0214	0.0147	0.2014	5.7000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		56.9385	56.9385	1.6800e-003		56.9804
<b>Total</b>	<b>0.0214</b>	<b>0.0147</b>	<b>0.2014</b>	<b>5.7000e-004</b>	<b>0.0559</b>	<b>4.5000e-004</b>	<b>0.0563</b>	<b>0.0148</b>	<b>4.2000e-004</b>	<b>0.0152</b>		<b>56.9385</b>	<b>56.9385</b>	<b>1.6800e-003</b>		<b>56.9804</b>

### 4.0 Operational Detail - Mobile

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#### 4.1 Mitigation Measures Mobile

517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.0221	4.6154	12.4649	0.0418	3.2522	0.0347	3.2870	0.8704	0.0324	0.9028		4,251.459 2	4,251.459 2	0.2270		4,257.134 0
Unmitigated	1.0221	4.6154	12.4649	0.0418	3.2522	0.0347	3.2870	0.8704	0.0324	0.9028		4,251.459 2	4,251.459 2	0.2270		4,257.134 0

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	157.84	35.20	15.03	386,311	386,311
Medical Office Building	278.20	68.99	11.94	545,426	545,426
Strip Mall	157.34	149.24	72.53	274,096	274,096
Total	593.38	253.44	99.49	1,205,832	1,205,832

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.547192	0.045177	0.202743	0.121510	0.016147	0.006143	0.019743	0.029945	0.002479	0.002270	0.005078	0.000682	0.000891
General Office Building	0.547192	0.045177	0.202743	0.121510	0.016147	0.006143	0.019743	0.029945	0.002479	0.002270	0.005078	0.000682	0.000891
Medical Office Building	0.547192	0.045177	0.202743	0.121510	0.016147	0.006143	0.019743	0.029945	0.002479	0.002270	0.005078	0.000682	0.000891
Strip Mall	0.547192	0.045177	0.202743	0.121510	0.016147	0.006143	0.019743	0.029945	0.002479	0.002270	0.005078	0.000682	0.000891

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	6.9400e-003	0.0631	0.0530	3.8000e-004		4.8000e-003	4.8000e-003		4.8000e-003	4.8000e-003		75.7358	75.7358	1.4500e-003	1.3900e-003	76.1858
NaturalGas Unmitigated	6.9400e-003	0.0631	0.0530	3.8000e-004		4.8000e-003	4.8000e-003		4.8000e-003	4.8000e-003		75.7358	75.7358	1.4500e-003	1.3900e-003	76.1858

517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	408.243	4.4000e-003	0.0400	0.0336	2.4000e-004		3.0400e-003	3.0400e-003		3.0400e-003	3.0400e-003		48.0286	48.0286	9.2000e-004	8.8000e-004	48.3140
Medical Office Building	219.551	2.3700e-003	0.0215	0.0181	1.3000e-004		1.6400e-003	1.6400e-003		1.6400e-003	1.6400e-003		25.8296	25.8296	5.0000e-004	4.7000e-004	25.9830
Strip Mall	15.9597	1.7000e-004	1.5600e-003	1.3100e-003	1.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004		1.8776	1.8776	4.0000e-005	3.0000e-005	1.8888
<b>Total</b>		<b>6.9400e-003</b>	<b>0.0631</b>	<b>0.0530</b>	<b>3.8000e-004</b>		<b>4.8000e-003</b>	<b>4.8000e-003</b>		<b>4.8000e-003</b>	<b>4.8000e-003</b>		<b>75.7358</b>	<b>75.7358</b>	<b>1.4600e-003</b>	<b>1.3800e-003</b>	<b>76.1858</b>



517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

## 5.2 Energy by Land Use - NaturalGas

### Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	0.408243	4.4000e-003	0.0400	0.0336	2.4000e-004		3.0400e-003	3.0400e-003		3.0400e-003	3.0400e-003		48.0286	48.0286	9.2000e-004	8.8000e-004	48.3140
Medical Office Building	0.219551	2.3700e-003	0.0215	0.0181	1.3000e-004		1.6400e-003	1.6400e-003		1.6400e-003	1.6400e-003		25.8296	25.8296	5.0000e-004	4.7000e-004	25.9830
Strip Mall	0.0159597	1.7000e-004	1.5600e-003	1.3100e-003	1.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004		1.8776	1.8776	4.0000e-005	3.0000e-005	1.8888
<b>Total</b>		<b>6.9400e-003</b>	<b>0.0631</b>	<b>0.0530</b>	<b>3.8000e-004</b>		<b>4.8000e-003</b>	<b>4.8000e-003</b>		<b>4.8000e-003</b>	<b>4.8000e-003</b>		<b>75.7358</b>	<b>75.7358</b>	<b>1.4600e-003</b>	<b>1.3800e-003</b>	<b>76.1858</b>

## 6.0 Area Detail

### 6.1 Mitigation Measures Area

517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5874	6.0000e-005	6.3700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0136	0.0136	4.0000e-005		0.0145
Unmitigated	0.5874	6.0000e-005	6.3700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0136	0.0136	4.0000e-005		0.0145

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0677					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5191					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.9000e-004	6.0000e-005	6.3700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0136	0.0136	4.0000e-005		0.0145
<b>Total</b>	<b>0.5874</b>	<b>6.0000e-005</b>	<b>6.3700e-003</b>	<b>0.0000</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>0.0136</b>	<b>0.0136</b>	<b>4.0000e-005</b>		<b>0.0145</b>

517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

### 6.2 Area by SubCategory

#### Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0677					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5191					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.9000e-004	6.0000e-005	6.3700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0136	0.0136	4.0000e-005		0.0145
<b>Total</b>	<b>0.5874</b>	<b>6.0000e-005</b>	<b>6.3700e-003</b>	<b>0.0000</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>0.0136</b>	<b>0.0136</b>	<b>4.0000e-005</b>		<b>0.0145</b>

### 7.0 Water Detail

#### 7.1 Mitigation Measures Water

### 8.0 Waste Detail

#### 8.1 Mitigation Measures Waste

### 9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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### 10.0 Stationary Equipment

#### Fire Pumps and Emergency Generators

517 East Broadway (5-story/Med/General Office/Retail) - Los Angeles-South Coast County, Summer

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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