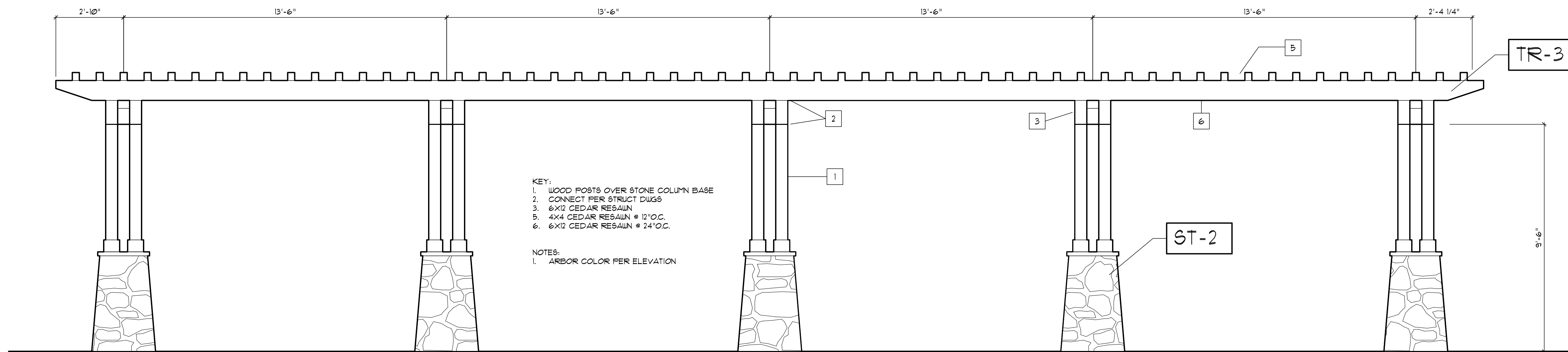
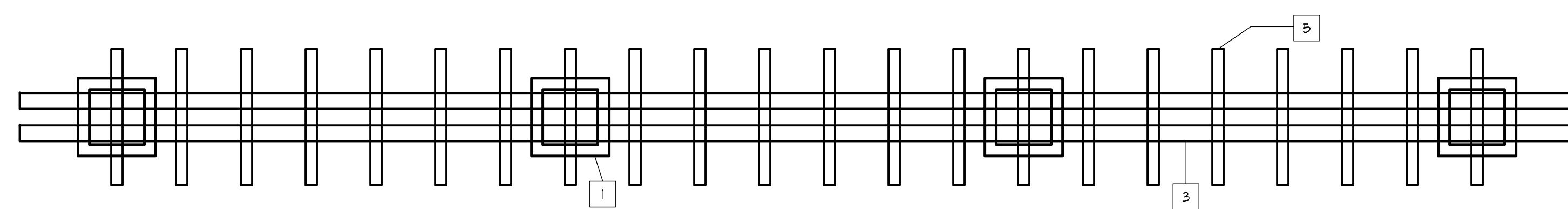


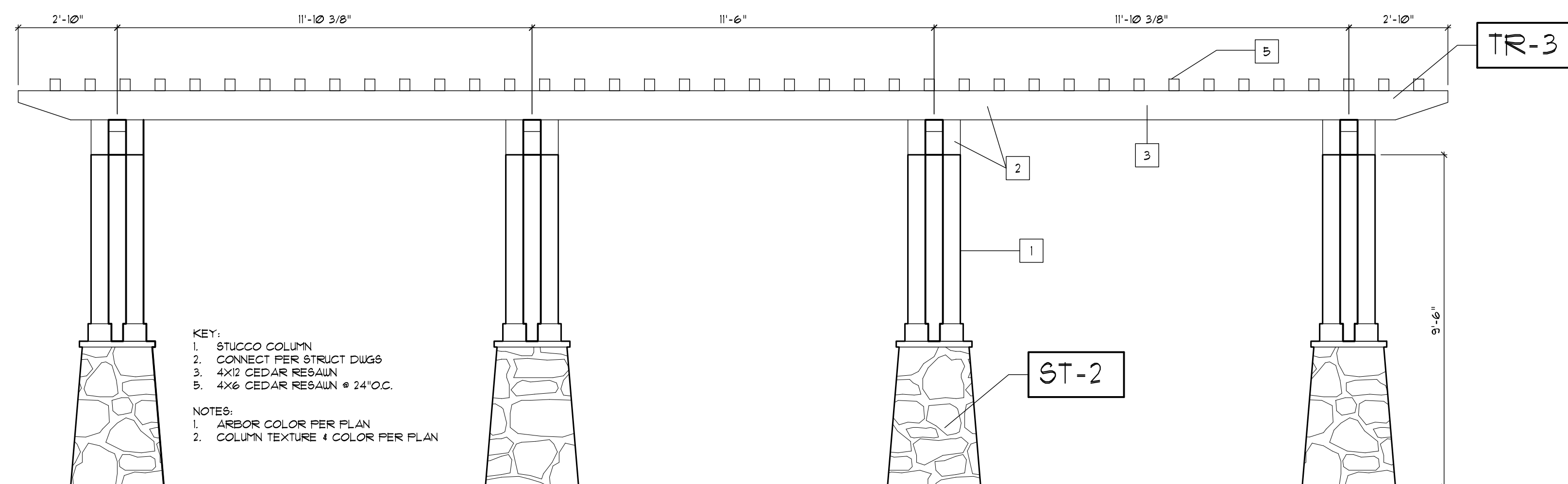
WEST ARBOR AT FRONT ELEVATION - PLAN VIEW



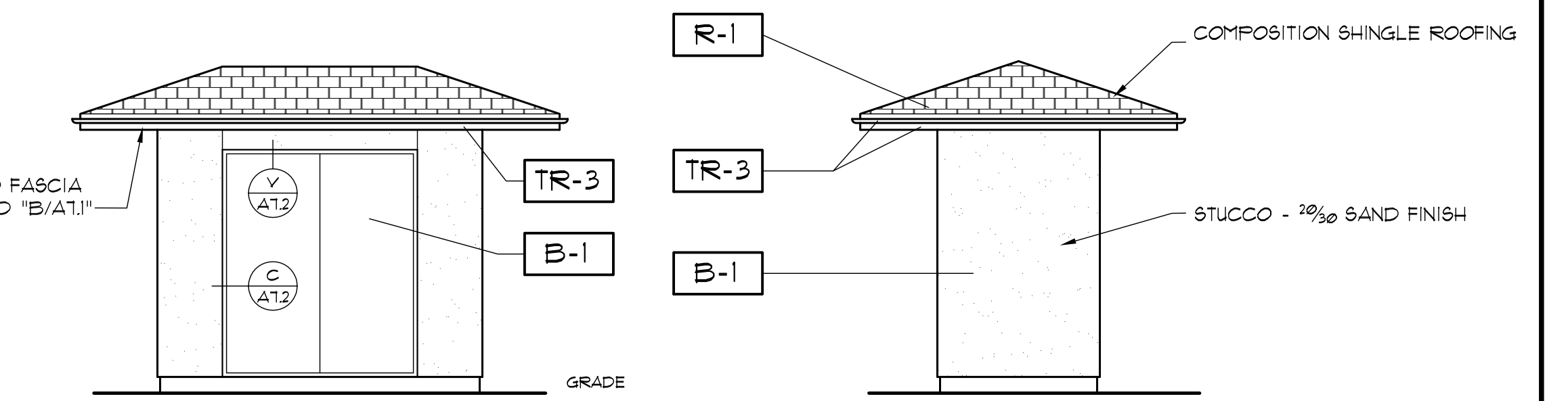
WEST ARBOR AT FRONT ELEVATION



COURTYARD ARBOR - PLAN VIEW

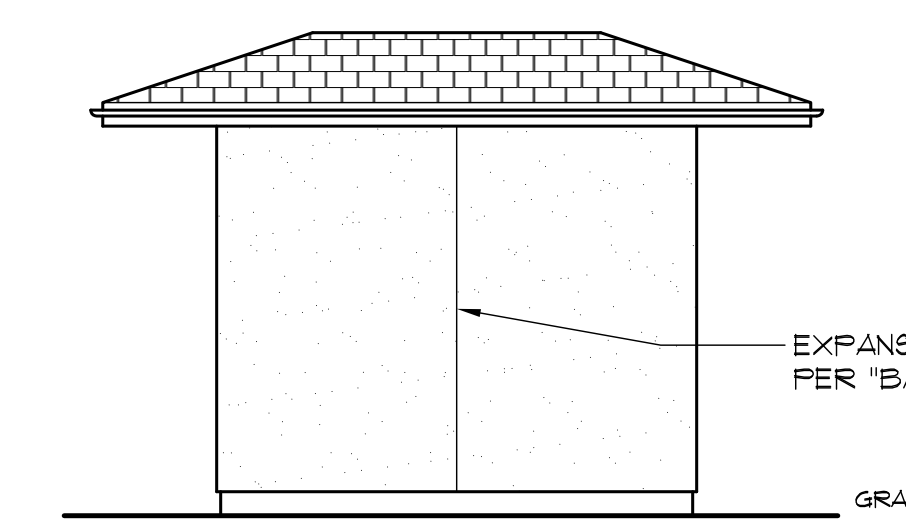


COURTYARD ARBOR DETAILS

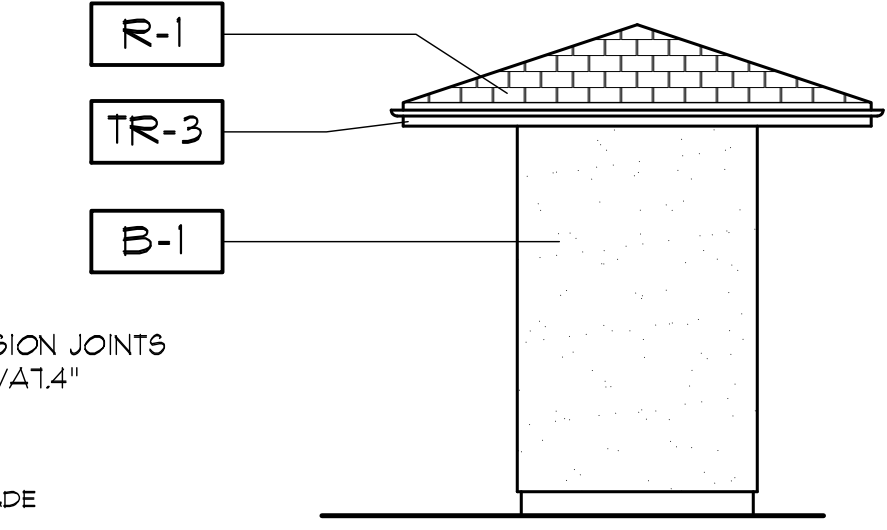


NORTH/EAST ELEV.  
SCALE: 1/4" = 1'-0"

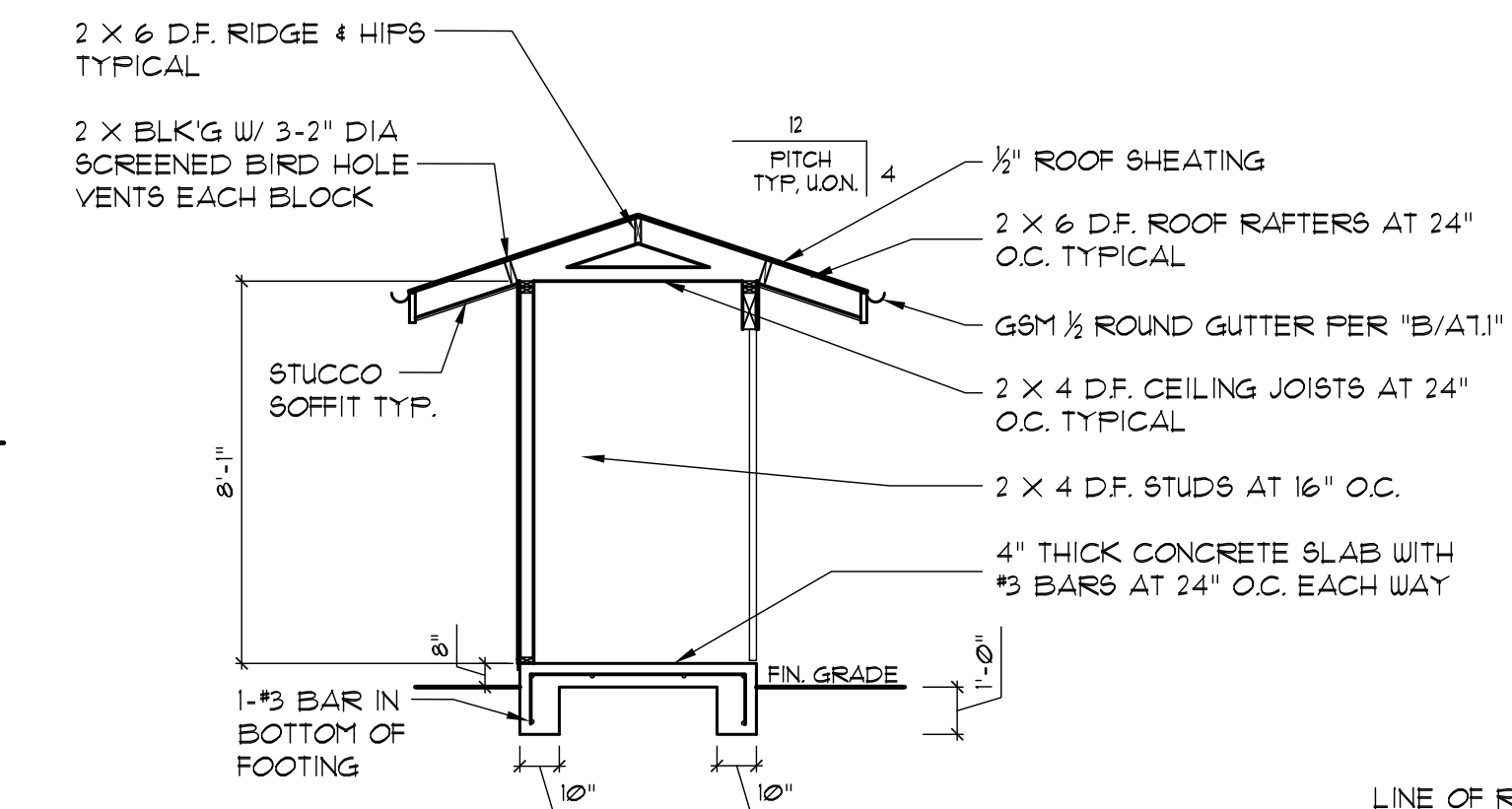
SOUTH/EAST ELEV.  
SCALE: 1/4" = 1'-0"



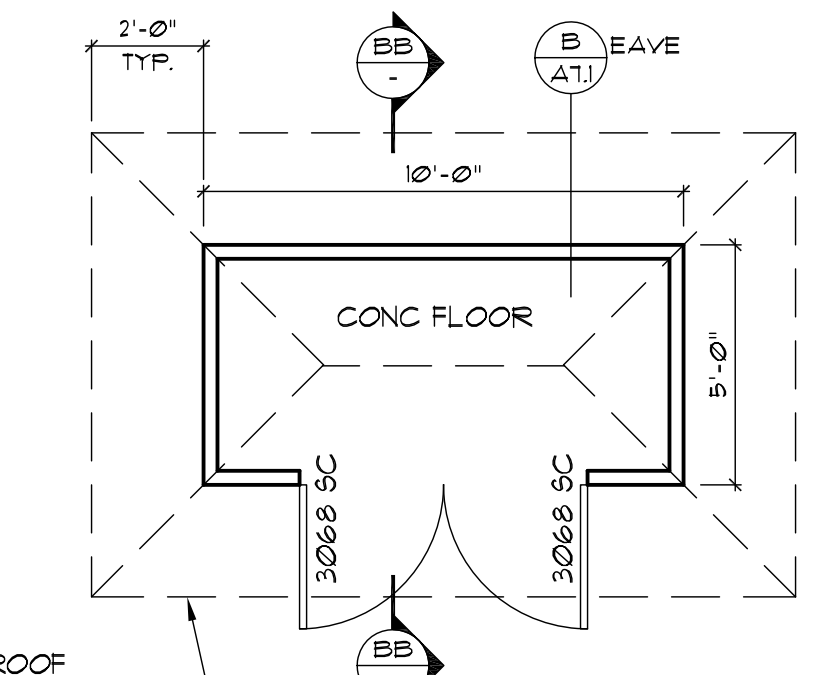
SOUTH/WEST ELEV.  
SCALE: 1/4" = 1'-0"



NORTH/WEST ELEV.  
SCALE: 1/4" = 1'-0"



SECTION BB  
SCALE: 1/4" = 1'-0"



FLOOR PLAN  
SCALE: 1/4" = 1'-0"

COLOR AND MATERIAL SCHEDULE			
FINISH TAG	SUBJECT	MANUFACTURER/ MATERIAL	COLOR
R-1	ROOF	"FABCO" 30 YEAR COMPOSITION SHINGLES	WEATHERED WOOD
B-1	BODY	"EXTERIOR STUCCO FINISH" 20/20 SAND FINISH	"KELLY MOORE" SAND PEBBLE #11
TR-3	TRIM	MATERIAL VARIES SEE ELEVATIONS FOR DETAIL KEYS AND CALL-OUTS	"KELLY MOORE" K19844-S MOCHA MOUSSE
ST-2	STONE VENEER	ELDORADO STONE OR EQUAL	CASCADE RUSTIC LEDGE 10% COUNTRY RUBBLE POLER#10 30% JOINTS: RAISED GROUT, DAVIS #11 SLB

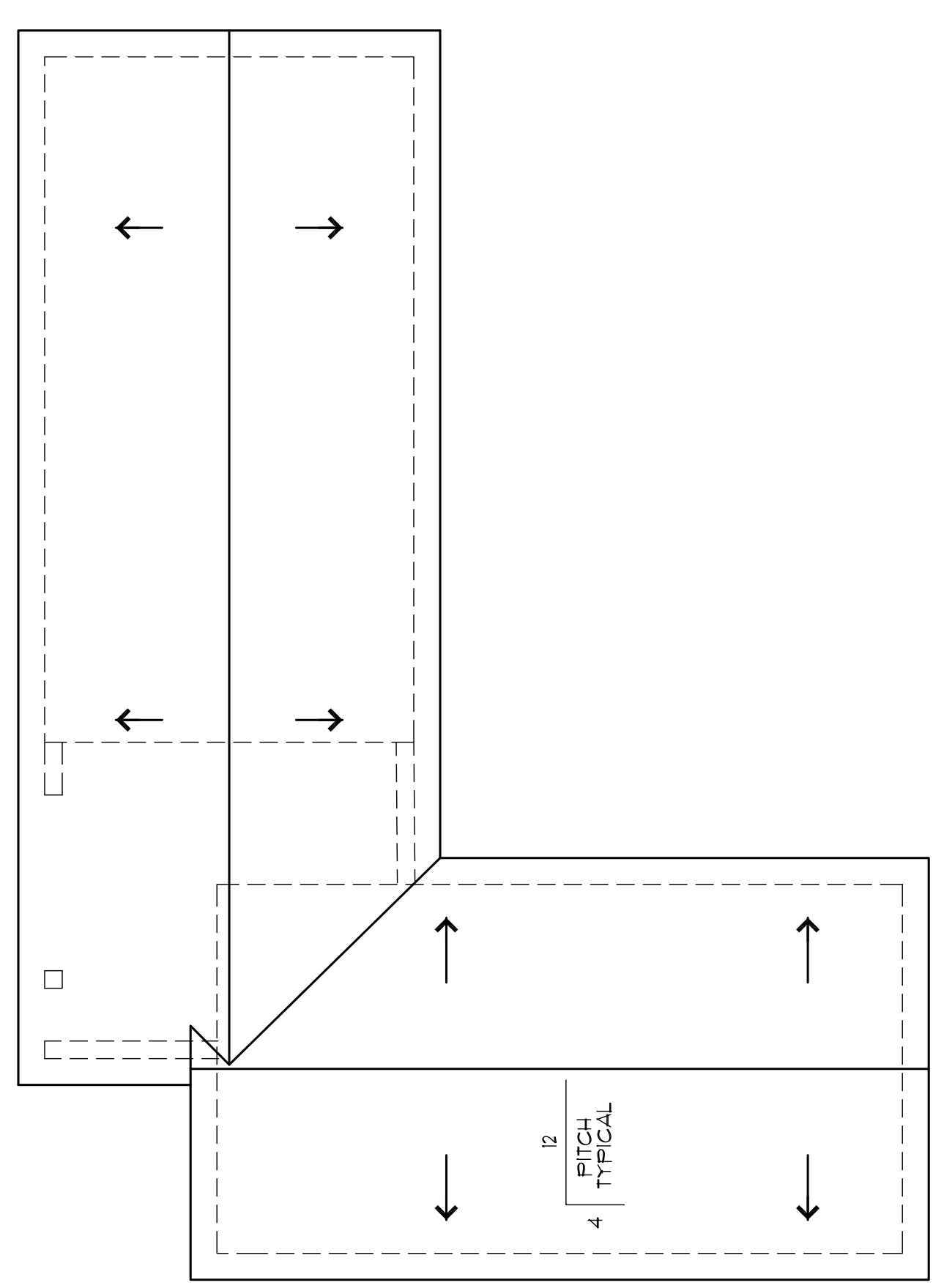
ALI IQBAL  
 9240 OLD REDWOOD HWY., SUITE 200  
 UNION CITY, CA 94582  
 PH: 101-959-5100

OAKMONT  
*Senior Living, LLC*

ACCESSORY STRUCTURES  
 MONUMENT SIGN  
 OAKMONT OF AGOURA HILLS  
 29953 CANWOOD STREET, AGOURA HILLS, CA 91301

JOB NO:  
 SCALE:  
 AS SHOWN  
 DRAIN BY:  
 DATE:  
 MARCH 30, 2015  
 COPYRIGHT  
 REVISIONS:  
 JUNE 24, 2016  
 SHEET NO:

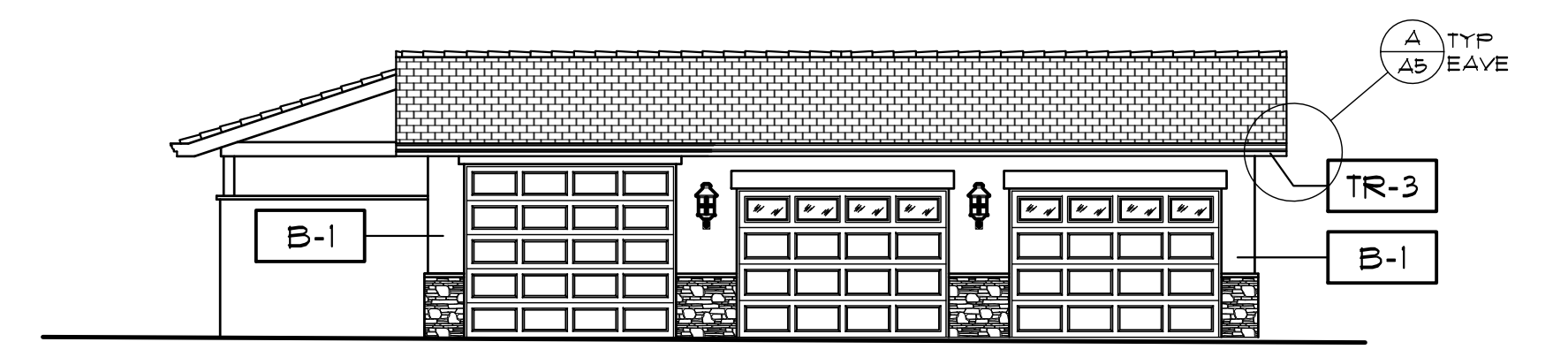
A4.1



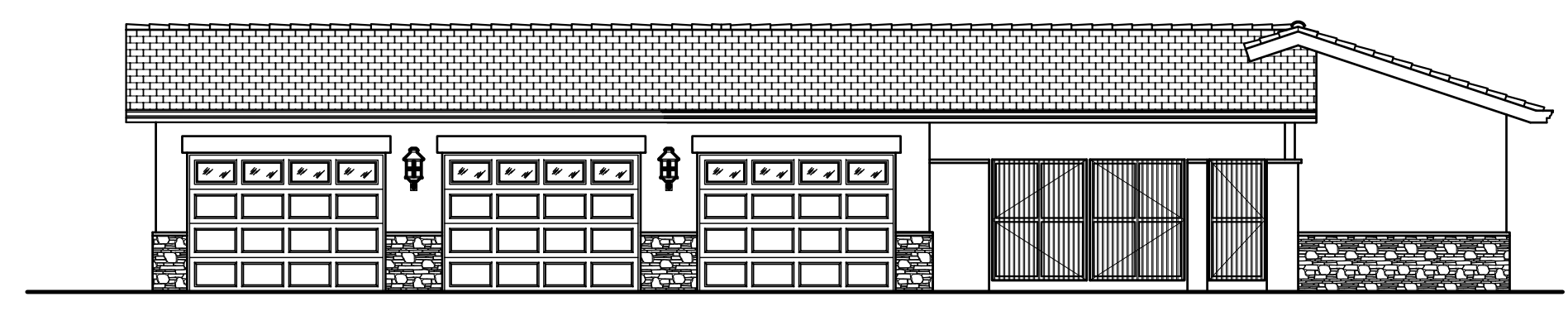
ROOF PLAN - GARAGES WITH TRASH ENCLOSURE  
 SCALE: 1/8" = 1'-0"



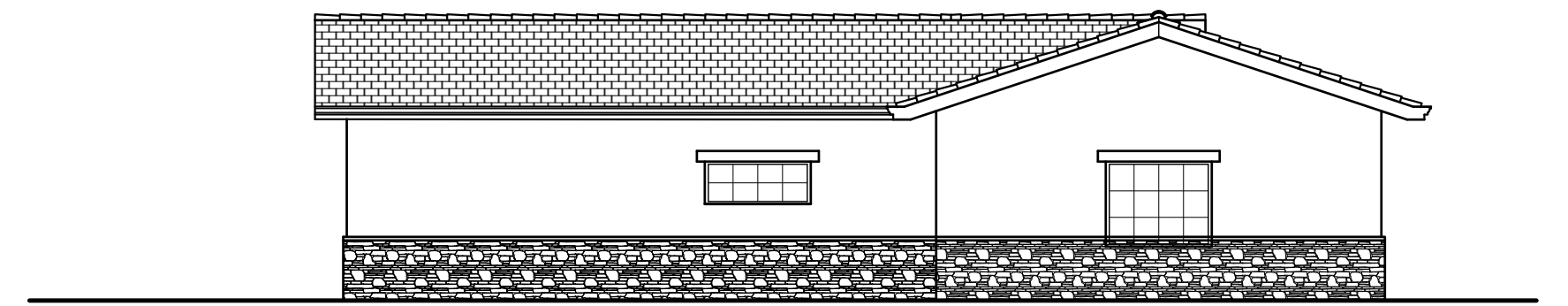
FLOOR PLAN - 2+3 CAR GARAGES WITH TRASH ENCLOSURE  
 SCALE: 1/8" = 1'-0"



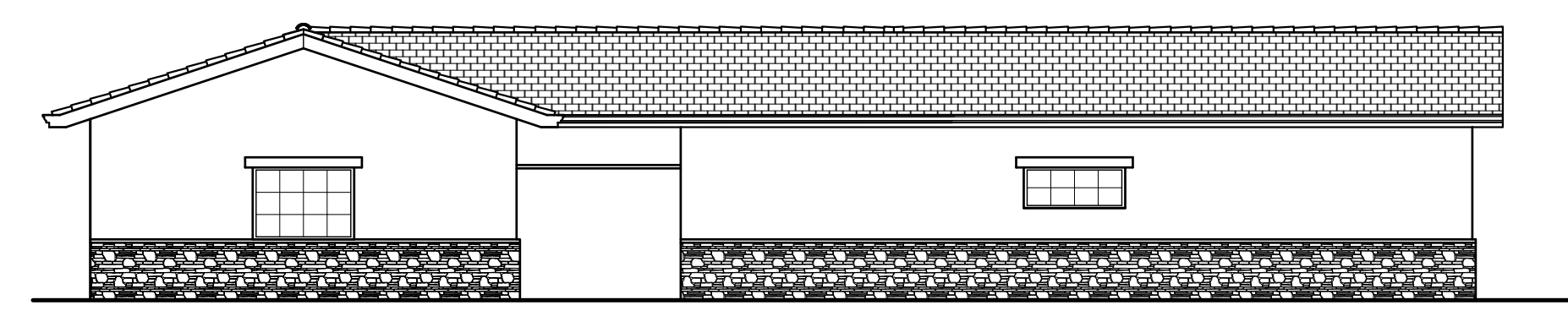
SOUTH ELEVATION - GARAGE  
 SCALE: 1/8" = 1'-0"



EAST ELEVATION - GARAGE  
 SCALE: 1/8" = 1'-0"



NORTH ELEVATION - GARAGE  
 SCALE: 1/8" = 1'-0"

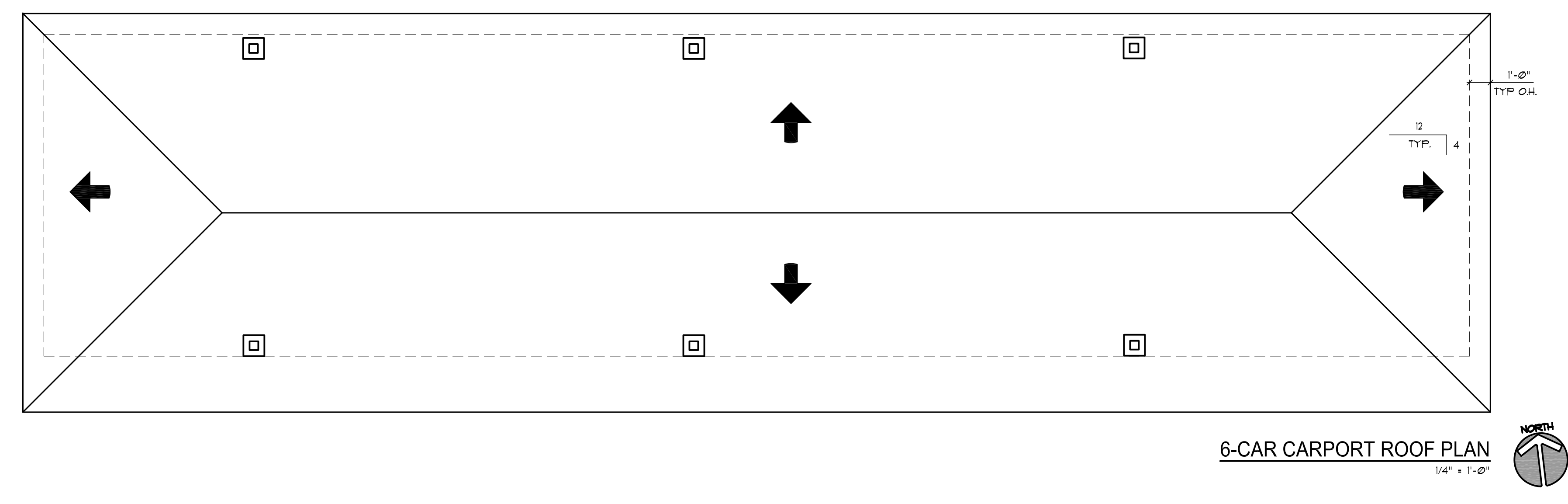


WEST ELEVATION - GARAGE  
 SCALE: 1/8" = 1'-0"

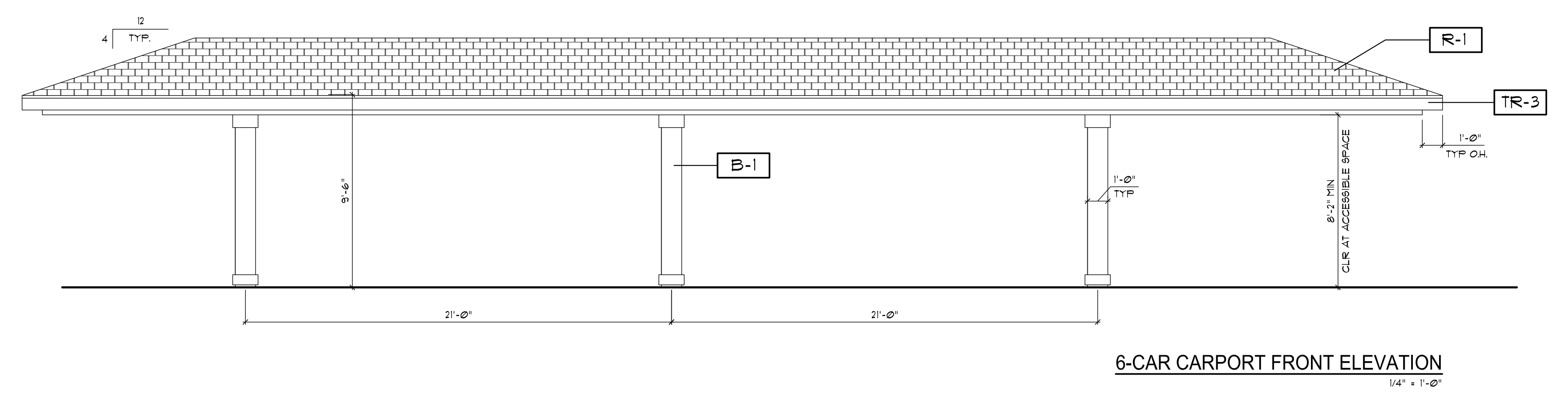
**COLOR AND MATERIAL SCHEDULE**

FINISH TAG	SUBJECT	MANUFACTURER/MATERIAL	COLOR
R-1	ROOF	"FABCO" 30 YEAR COMPOSITION SHINGLES	WEATHERED WOOD
B-1	BODY	"EXTERIOR STUCCO FINISH" 20/30 SAND FINISH	"KELLY MOORE" SAND PEBBLE #11
TR-3	TRIM	MATERIAL VARIES SEE ELEVATIONS FOR DETAIL KEYS AND CALL-OUTS	"KELLY MOORE" K13344-5 MOCHA MOUSSE
W-1	WINDOWS	VINYL FRAMES	BROWNSTONE
ST-2	STONE VENEER	ELDORADO STONE OR EQUAL	CASCADE RUSTIC LEDGE 10% COUNTRY RUBBLE POLERNO 30% JOINTS: RAISED GROUT, GRAVS 1/4" T. 5LB

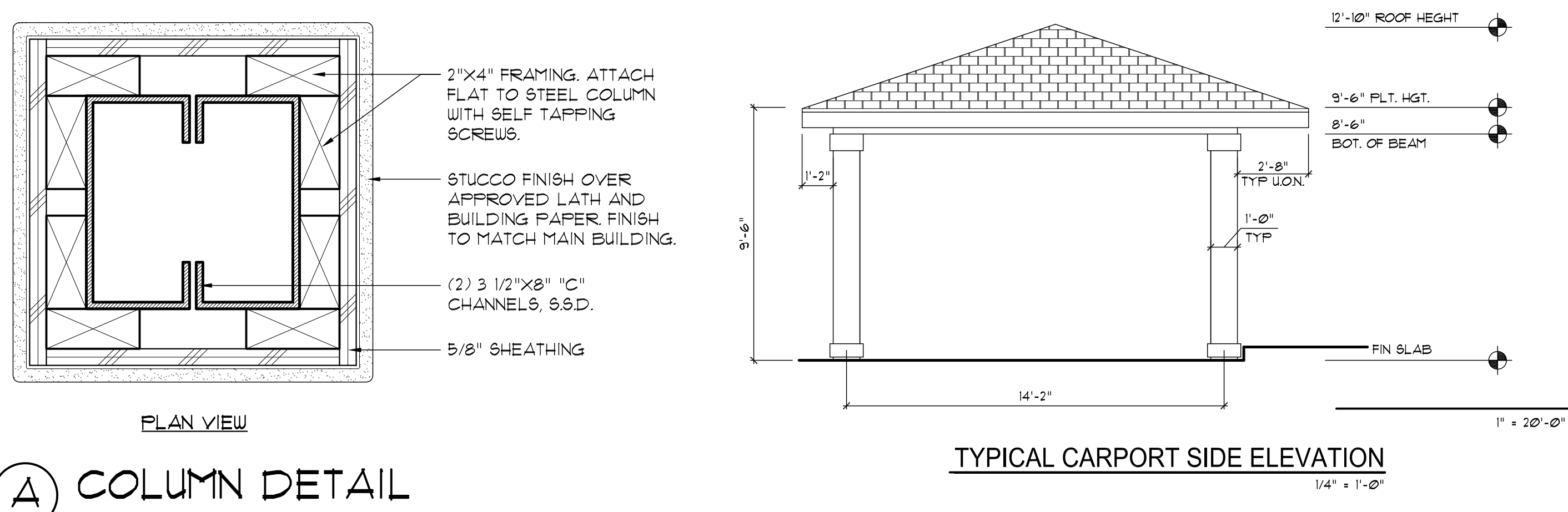
Date: 03/24/2016 1:20:18 PM 1/8" = 1'-0" 29953 Canwood Street, Agoura Hills, CA 91301



**6-CAR CARPORT ROOF PLAN**  
 1/4" = 1'-0"

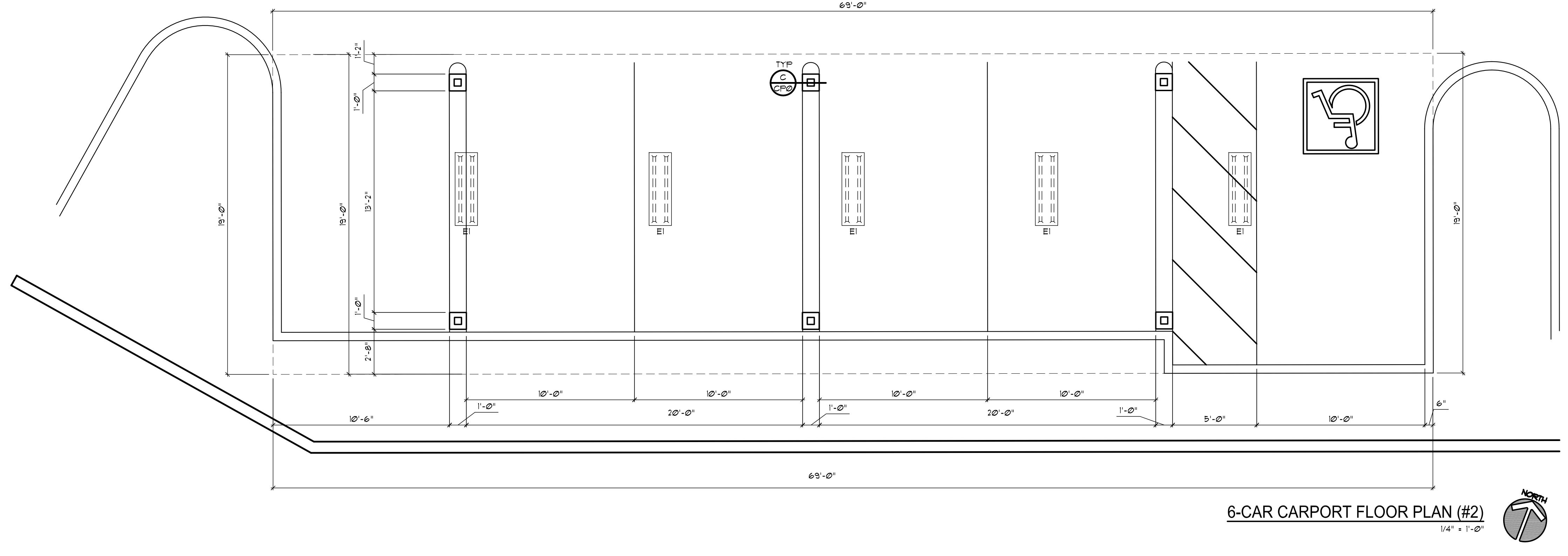


**6-CAR CARPORT FRONT ELEVATION**  
 1/4" = 1'-0"



**A COLUMN DETAIL**  
 SCALE: 3\"/>

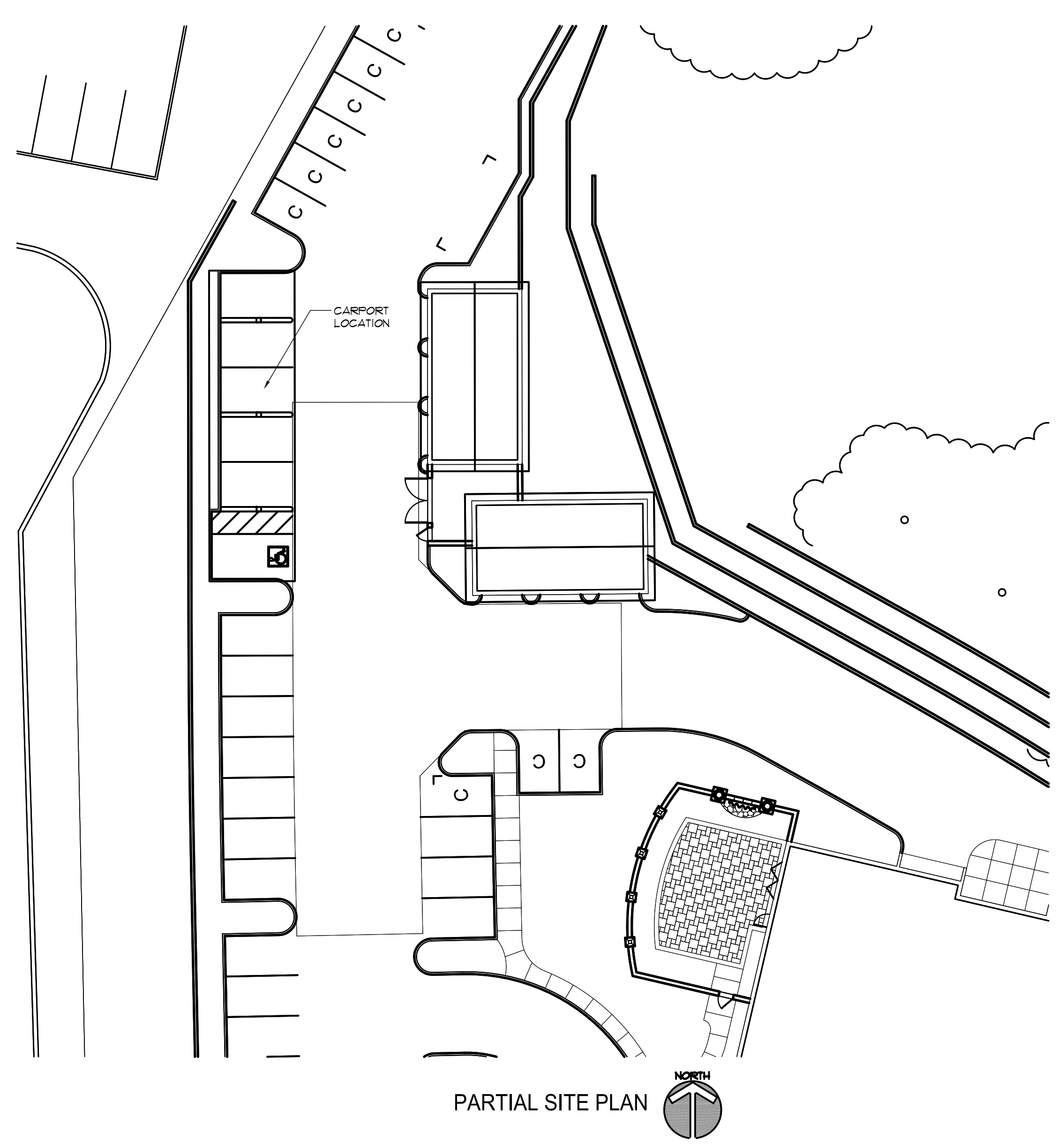
**TYPICAL CARPORT SIDE ELEVATION**  
 1/4" = 1'-0"



**6-CAR CARPORT FLOOR PLAN (#2)**  
 1/4" = 1'-0"

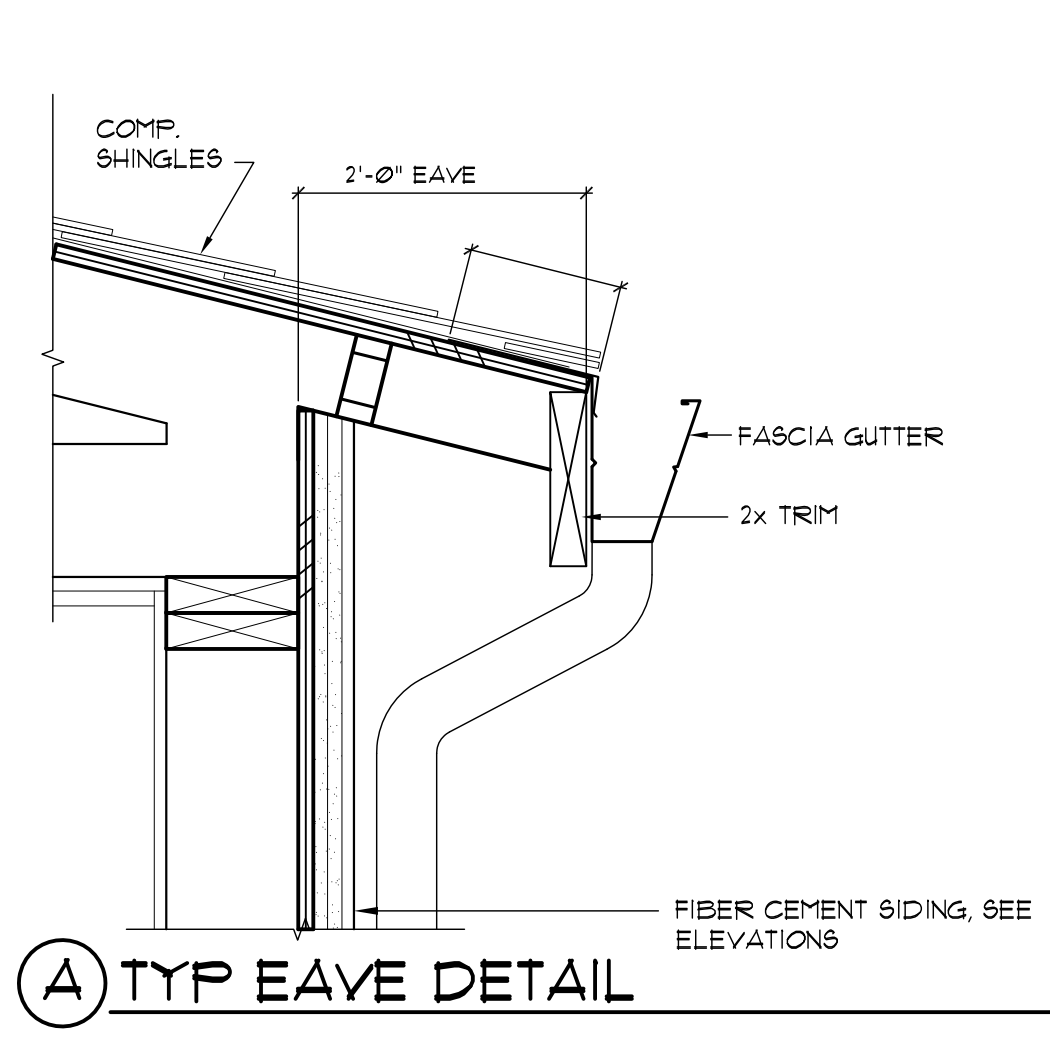
LIGHT FIXTURE SCHEDULE									
TAG	DESCRIPTION	CATALOG NUMBER	VOLTAGE	LAMP	BALLAST	FIXTURE WATTAGE	MOUNTING	LOCATION	NOTES
EI	ORACLE 8 1/2" X 50" FLUORESCENT LIGHT FIXTURE	4-OU2IP-2-33-T8	120	(2) 32W-T8	(2) 1 LAMP ELECTRONIC	64	SURFACE	CARPORTS	

COLOR AND MATERIAL SCHEDULE			
FINISH TAG	SUBJECT	MANUFACTURER/MATERIAL	COLOR
R-1	ROOF	"FABCO" 30 YEAR COMPOSITION SHINGLES	WEATHERED WOOD
B-1	BODY	"EXTERIOR STUCCO FINISH" 20/30 SAND FINISH	"KELLY MOORE" SAND PEBBLE TT1
TR-3	TRIM	"MATERIAL VARIES SEE ELEVATIONS FOR DETAIL KEYS AND CALL-OUTS"	"KELLY MOORE" K19344-B MOCHA MOUSE

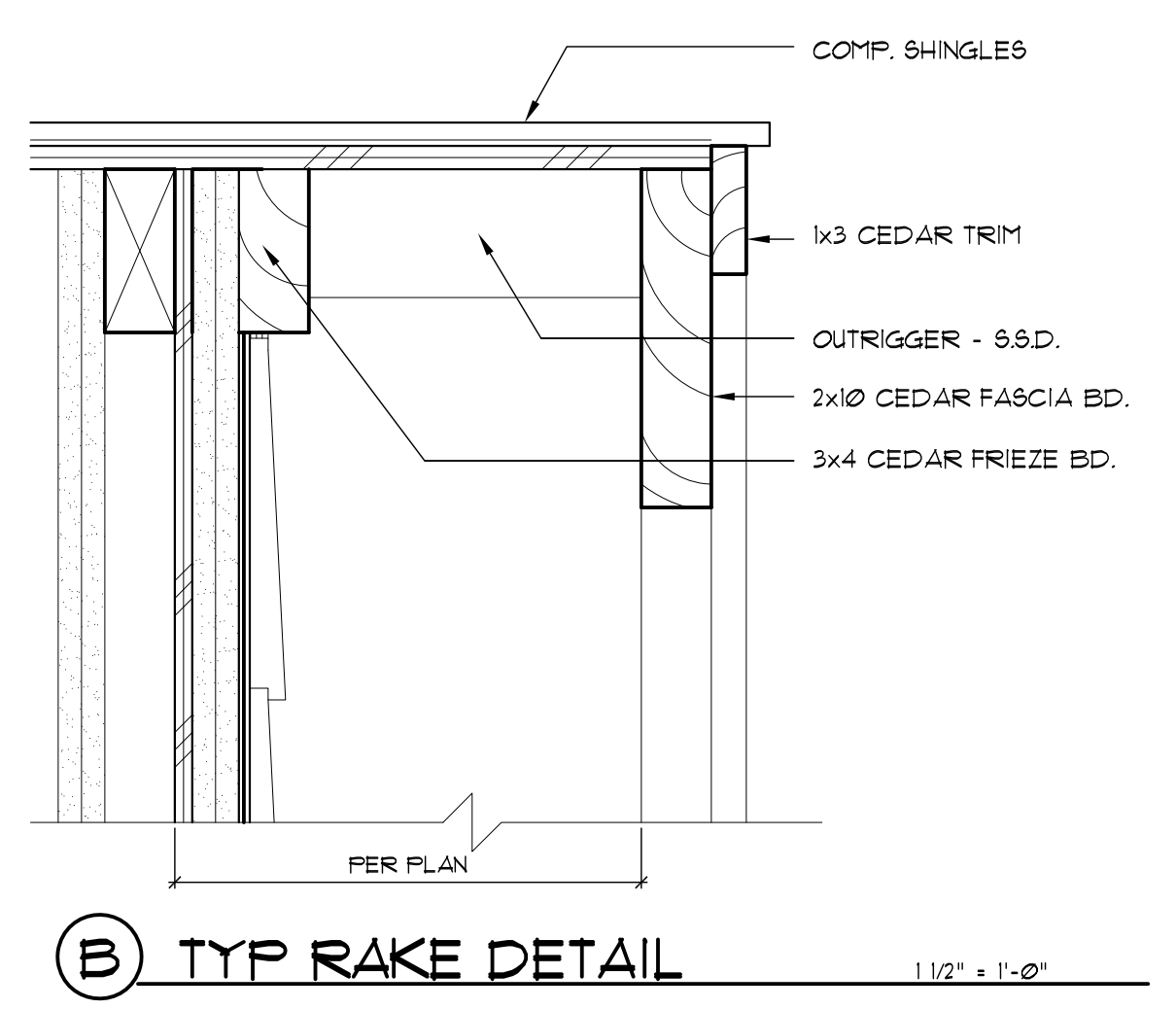


**PARTIAL SITE PLAN**  
 1/4" = 1'-0"

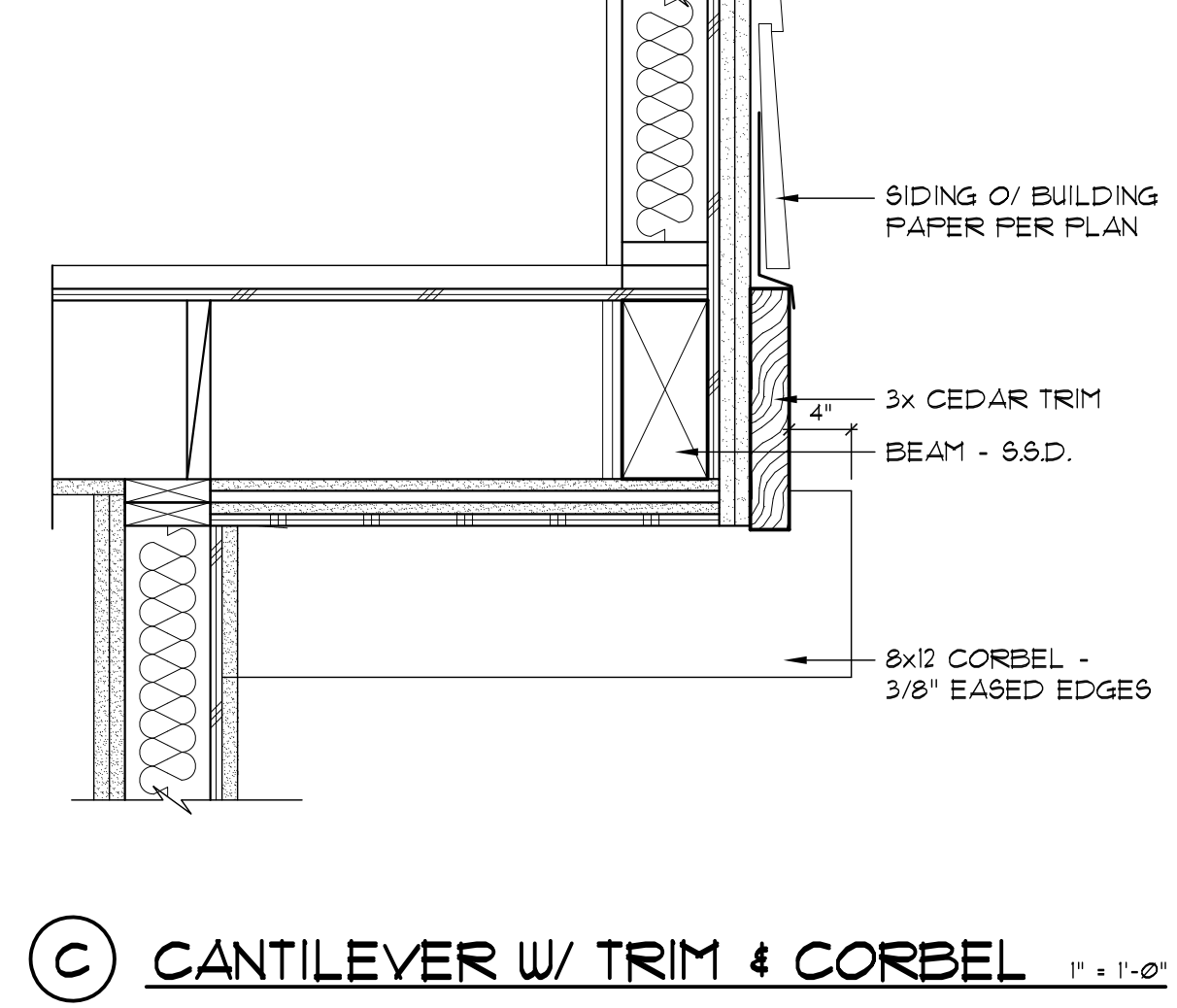
Date: Jun 24, 2016 1:23 PM File: C:\Users\Ali\Documents\Projects\29953 Canwood\29953 Canwood.dwg User: Ali Iqbal



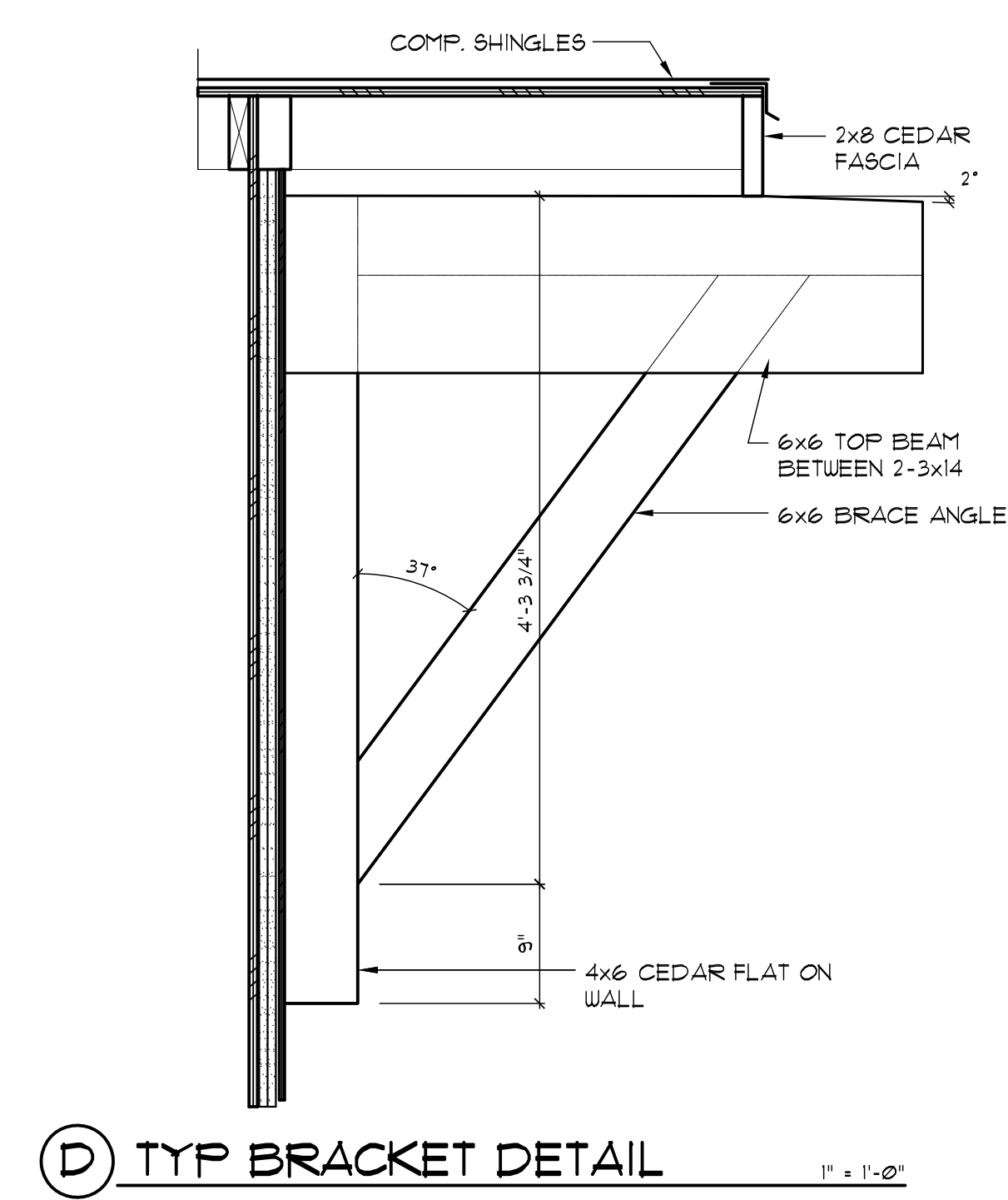
**A TYP EAVE DETAIL** 1 1/2" x 1'-0"



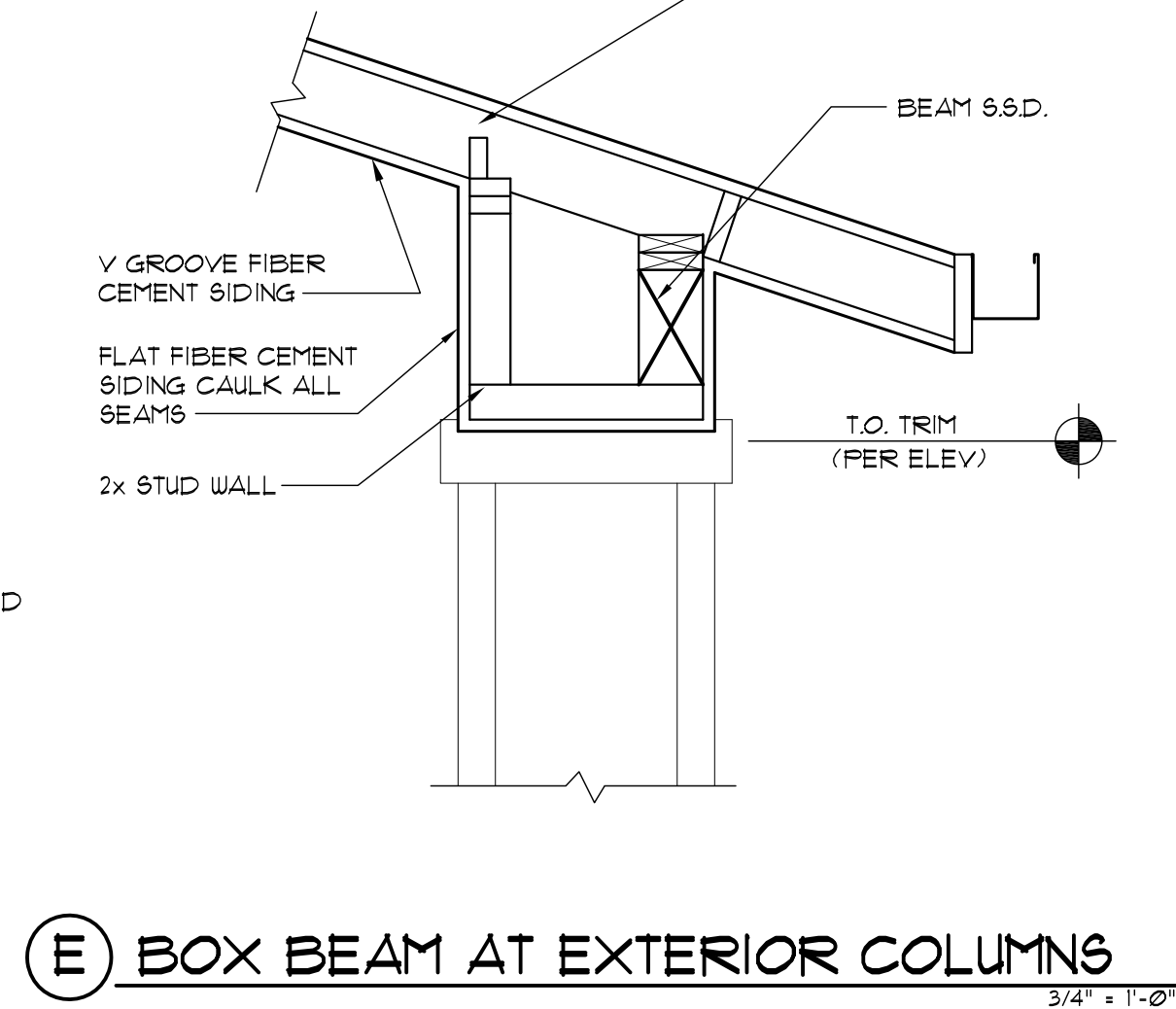
**B TYP RAKE DETAIL** 1 1/2" x 1'-0"



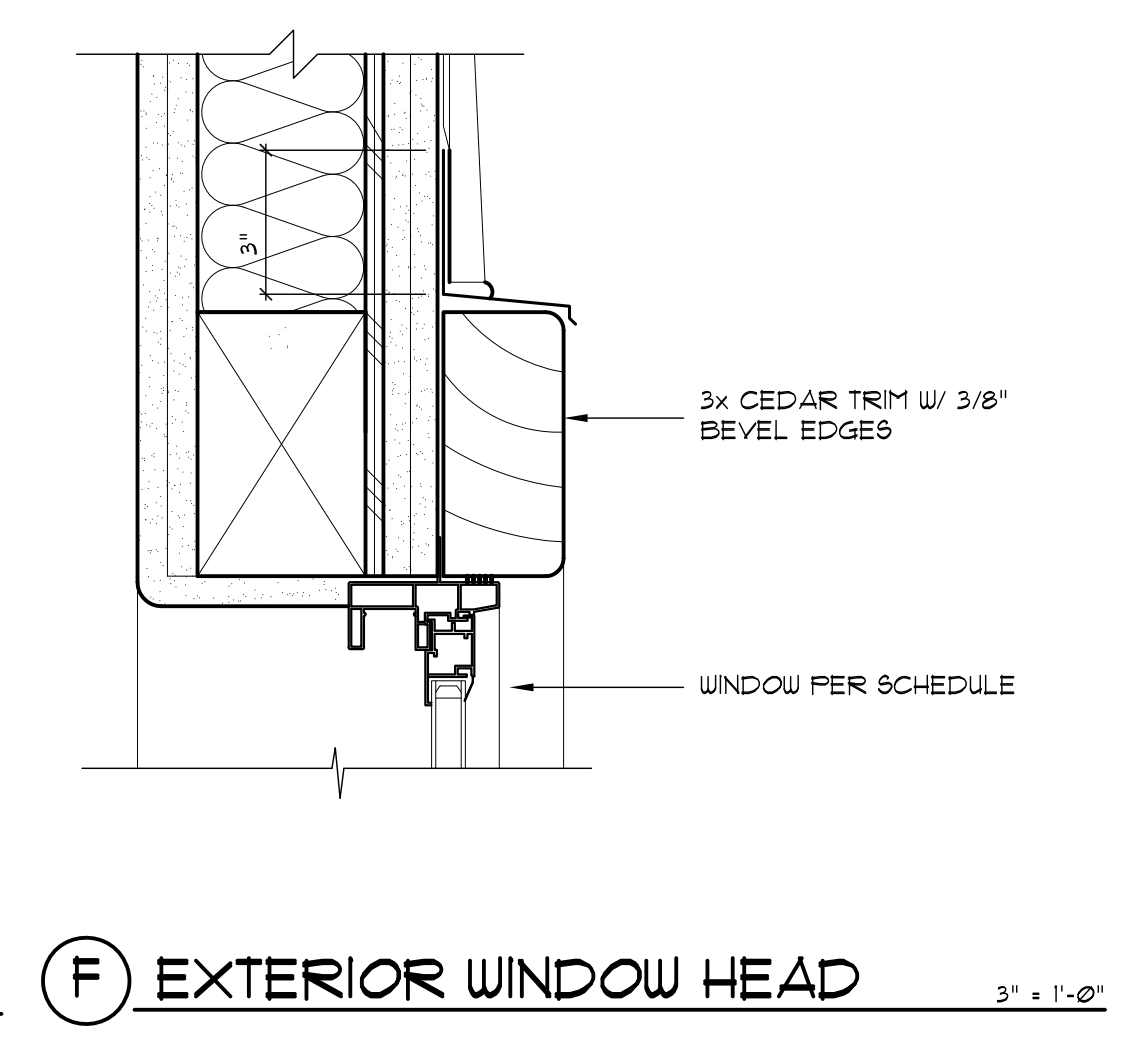
**C CANTILEVER W/ TRIM & CORBEL** 1" x 1'-0"



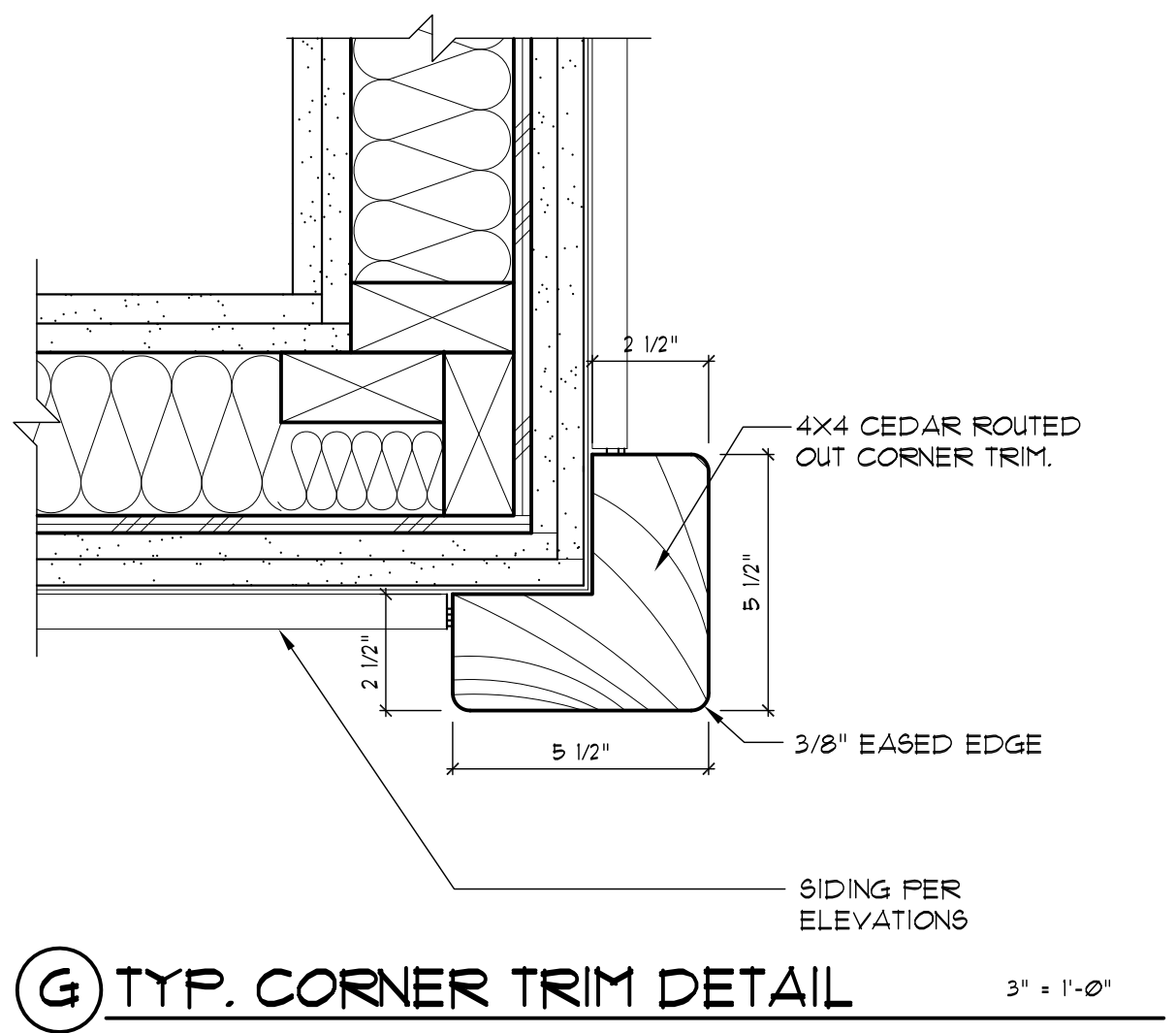
**D TYP BRACKET DETAIL** 1" x 1'-0"



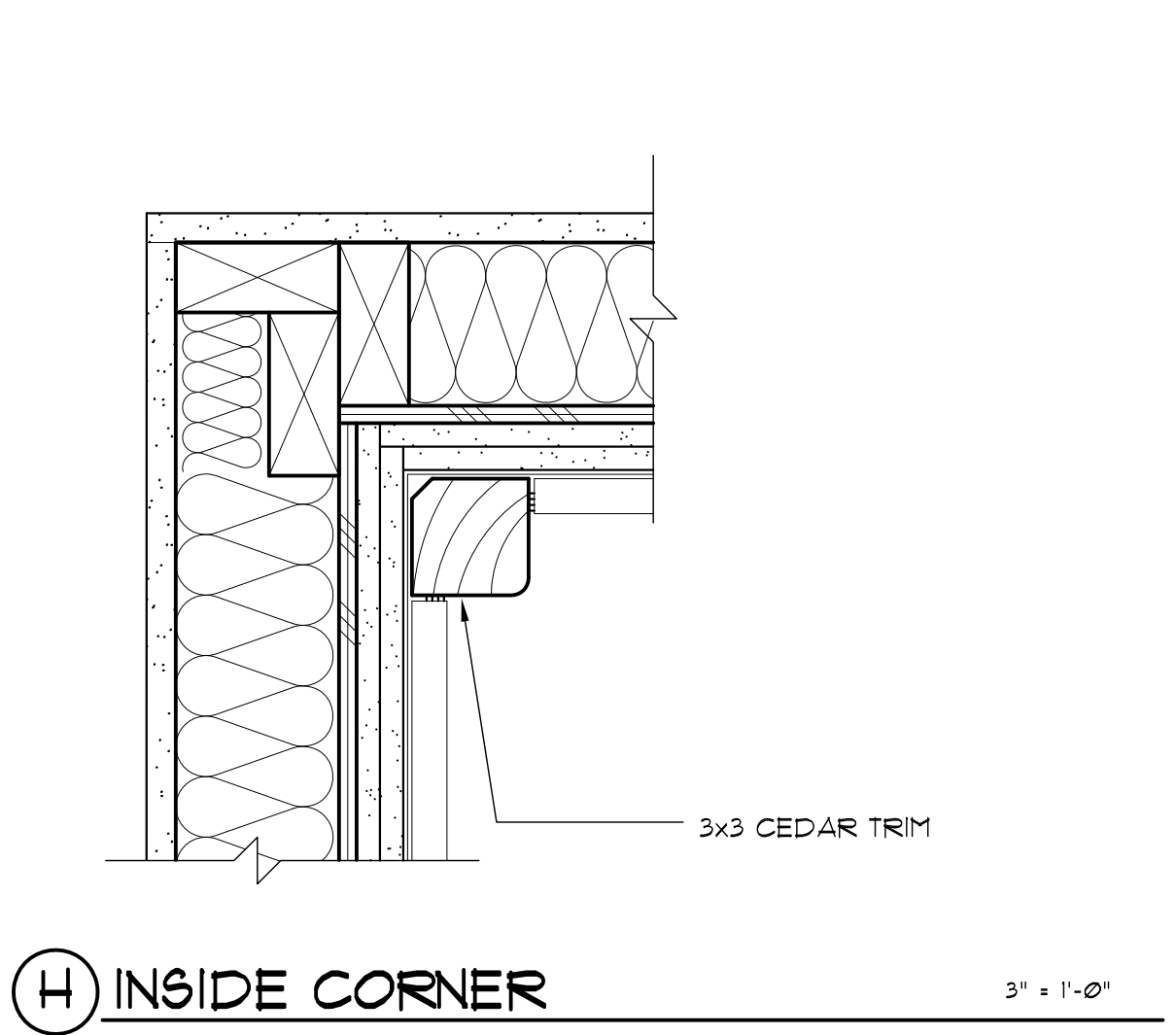
**E BOX BEAM AT EXTERIOR COLUMNS** 3/4" x 1'-0"



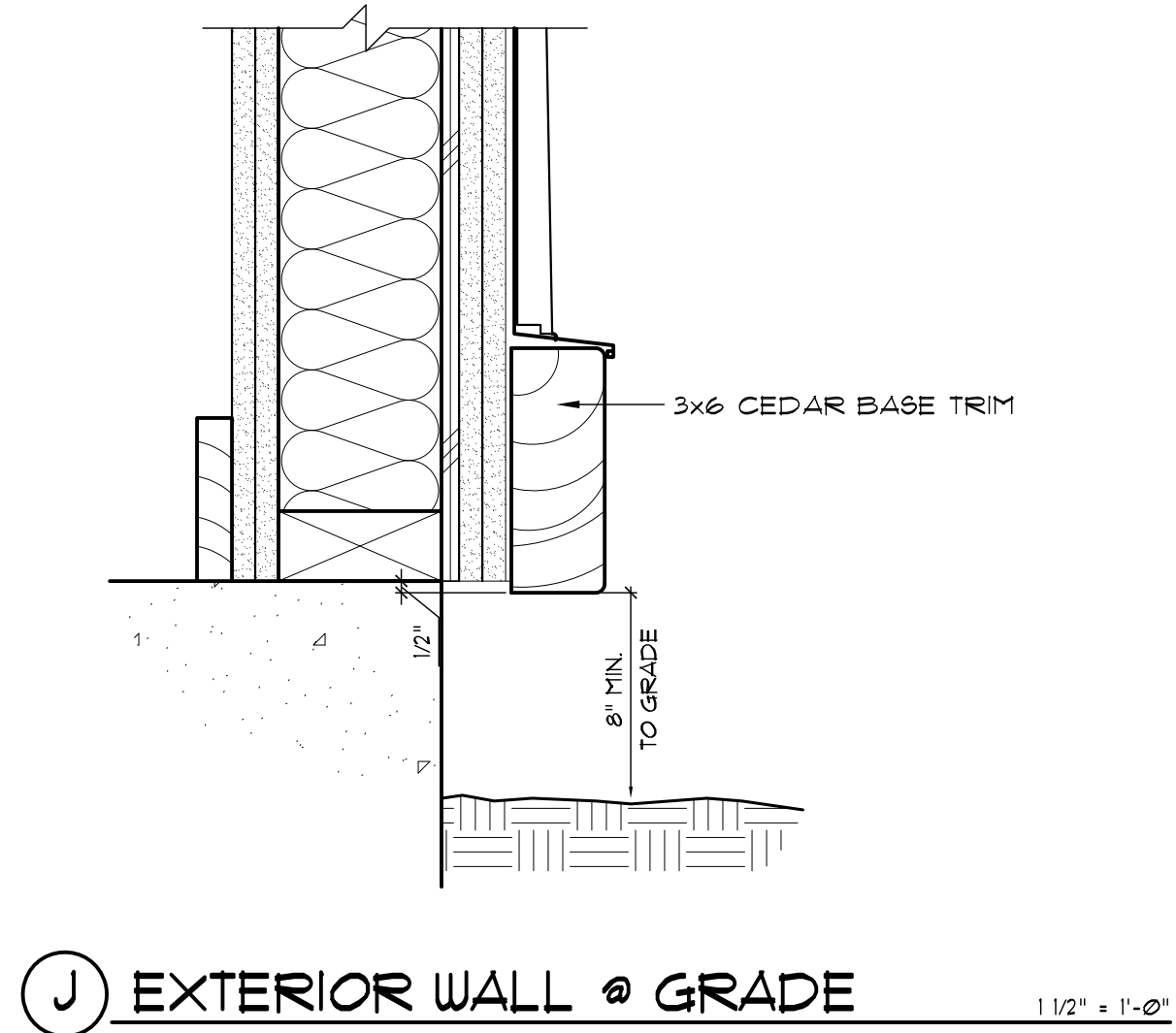
**F EXTERIOR WINDOW HEAD** 3" x 1'-0"



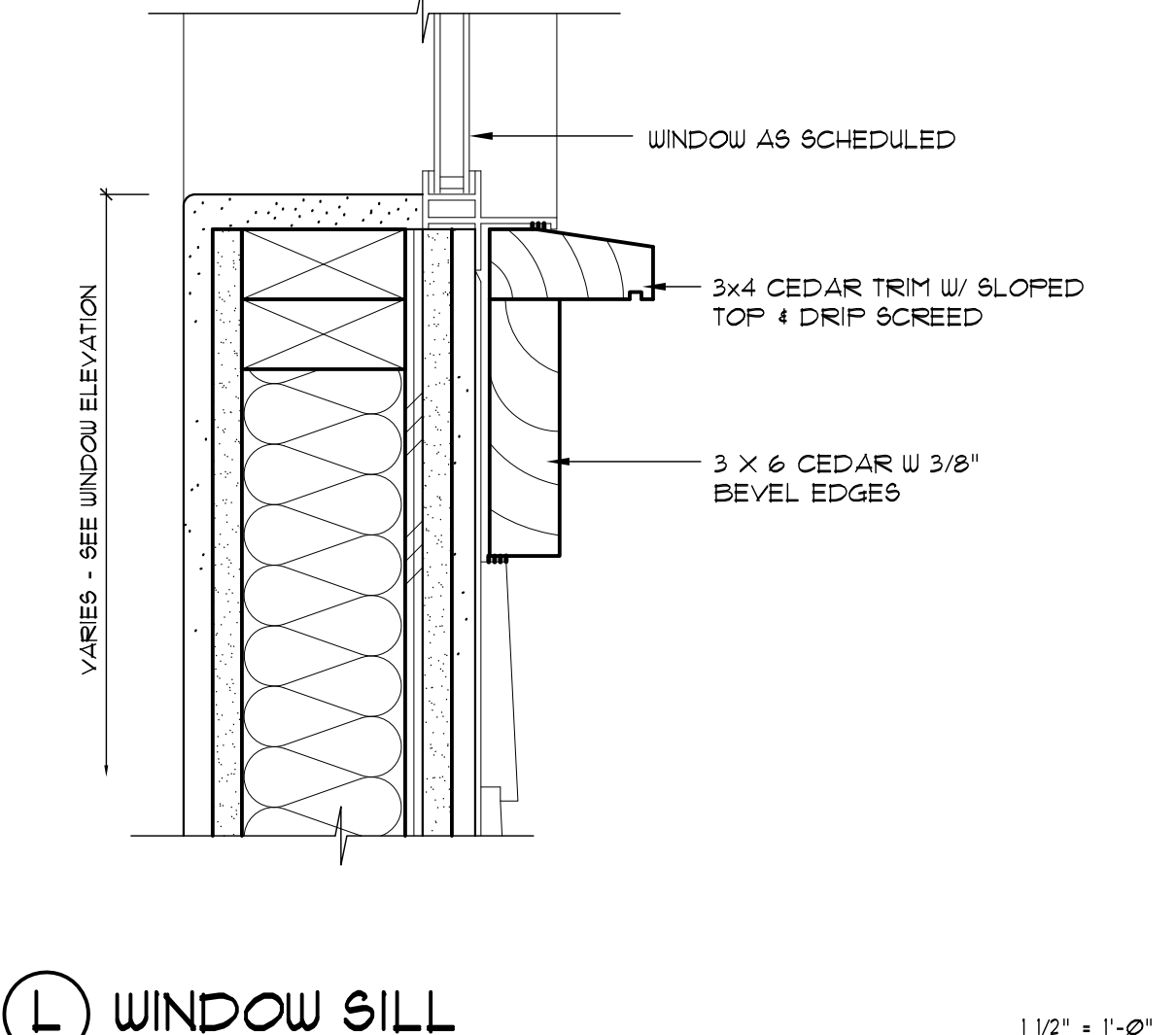
**G TYP. CORNER TRIM DETAIL** 3" x 1'-0"



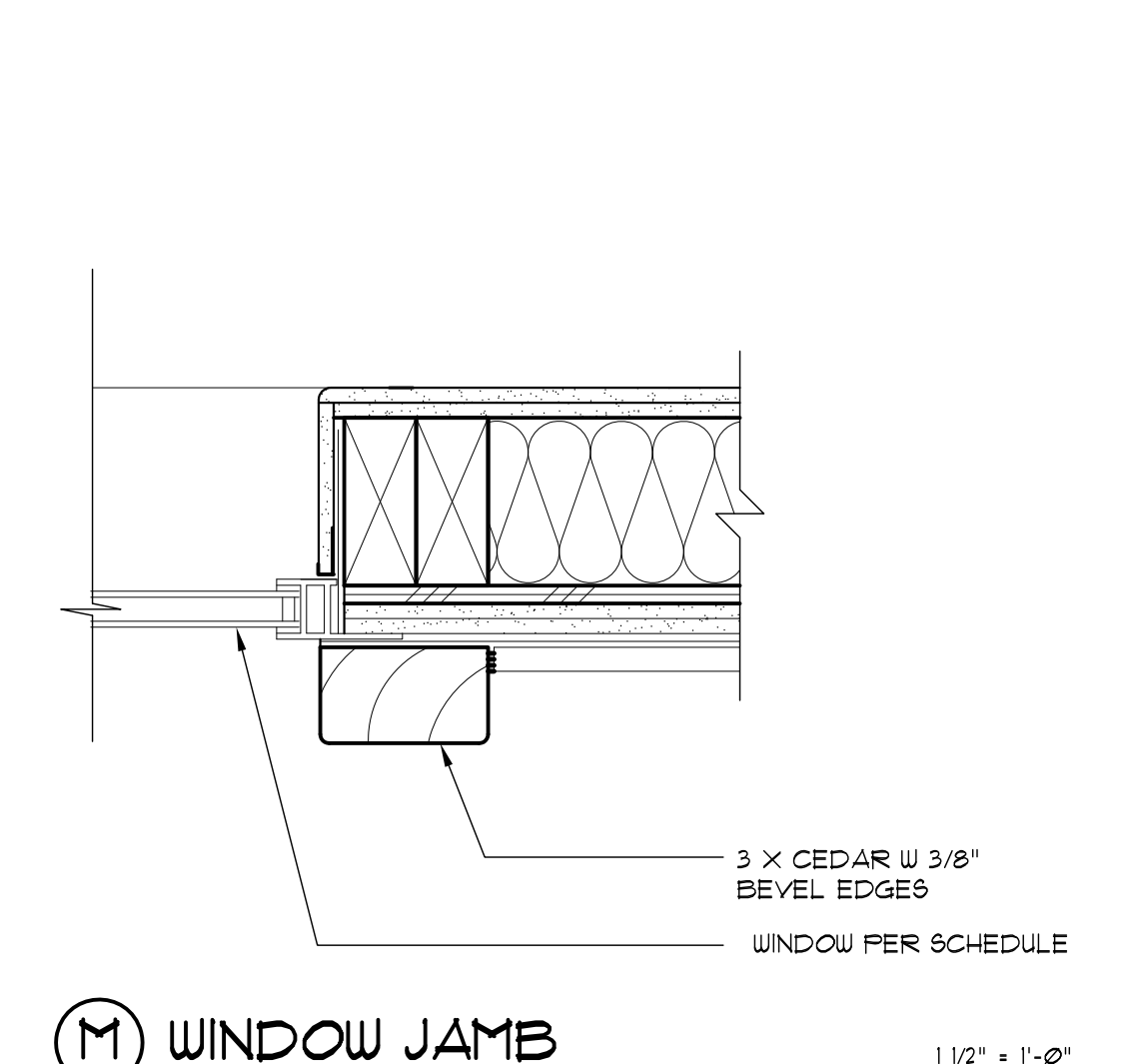
**H INSIDE CORNER** 3" x 1'-0"



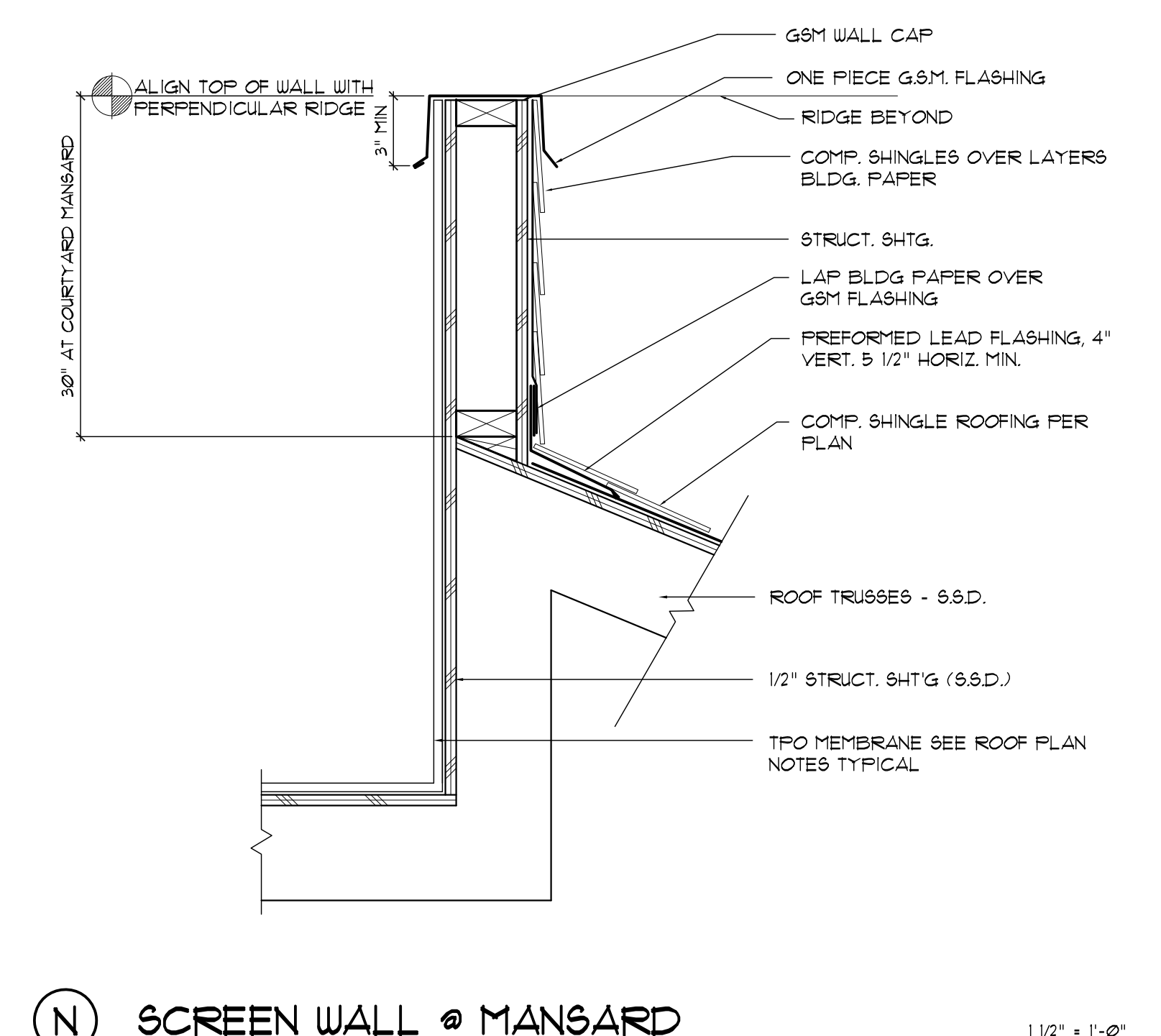
**J EXTERIOR WALL @ GRADE** 1 1/2" x 1'-0"



**L WINDOW SILL** 1 1/2" x 1'-0"



**M WINDOW JAMB** 1 1/2" x 1'-0"



**N SCREEN WALL @ MANSARD** 1 1/2" x 1'-0"

ALI IQBAL  
 WINDOW CA. 95452  
 PH: 101-955-5100

**OAKMONT**  
*Senior Living, LLC*

**OAKMONT OF AGOURA HILLS**  
 23353 CANWOOD STREET, AGOURA HILLS, CA 91301

JOB NO:  
 SCALE:  
 AS SHOWN  
 DRAIN BY:  
 DATE:  
 MARCH 30, 2015  
 COPYRIGHT  
 REVISIONS:  
 JUNE 24, 2016

SHEET NO:  
**A5**

Date: Jun 24, 2016 1:40:00 PM  
 User: Ali Iqbal  
 Path: C:\Users\Ali Iqbal\Documents\Projects\Oakmont\Oakmont.dwg  
 Plot: Oakmont.dwg  
 Plot Date: 6/24/2016 1:40:00 PM  
 Plot Scale: 1:1  
 Plot Size: 11.00 x 17.00  
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**Lighting  
Photometric  
Plan**

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**APPENDIX B**

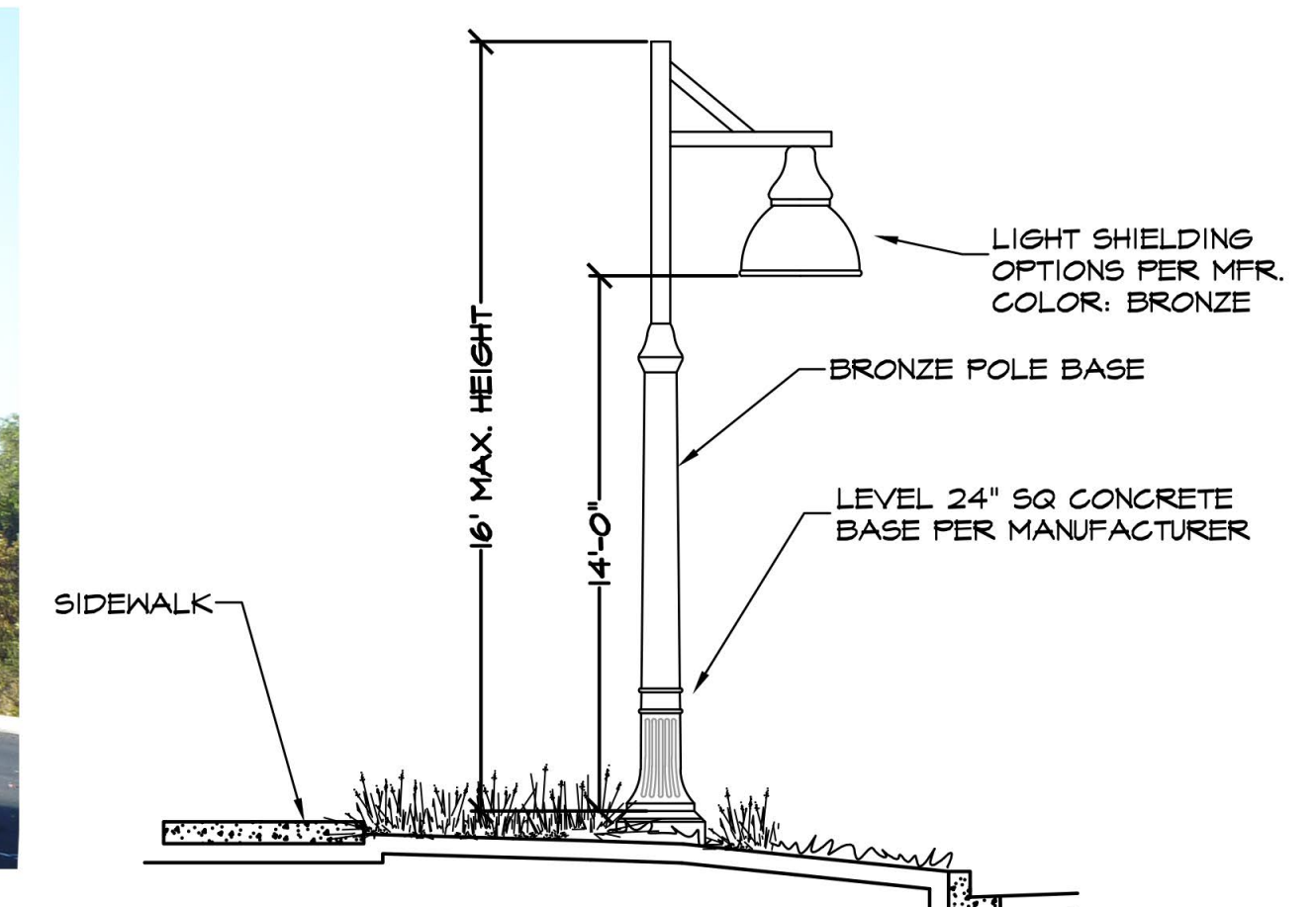
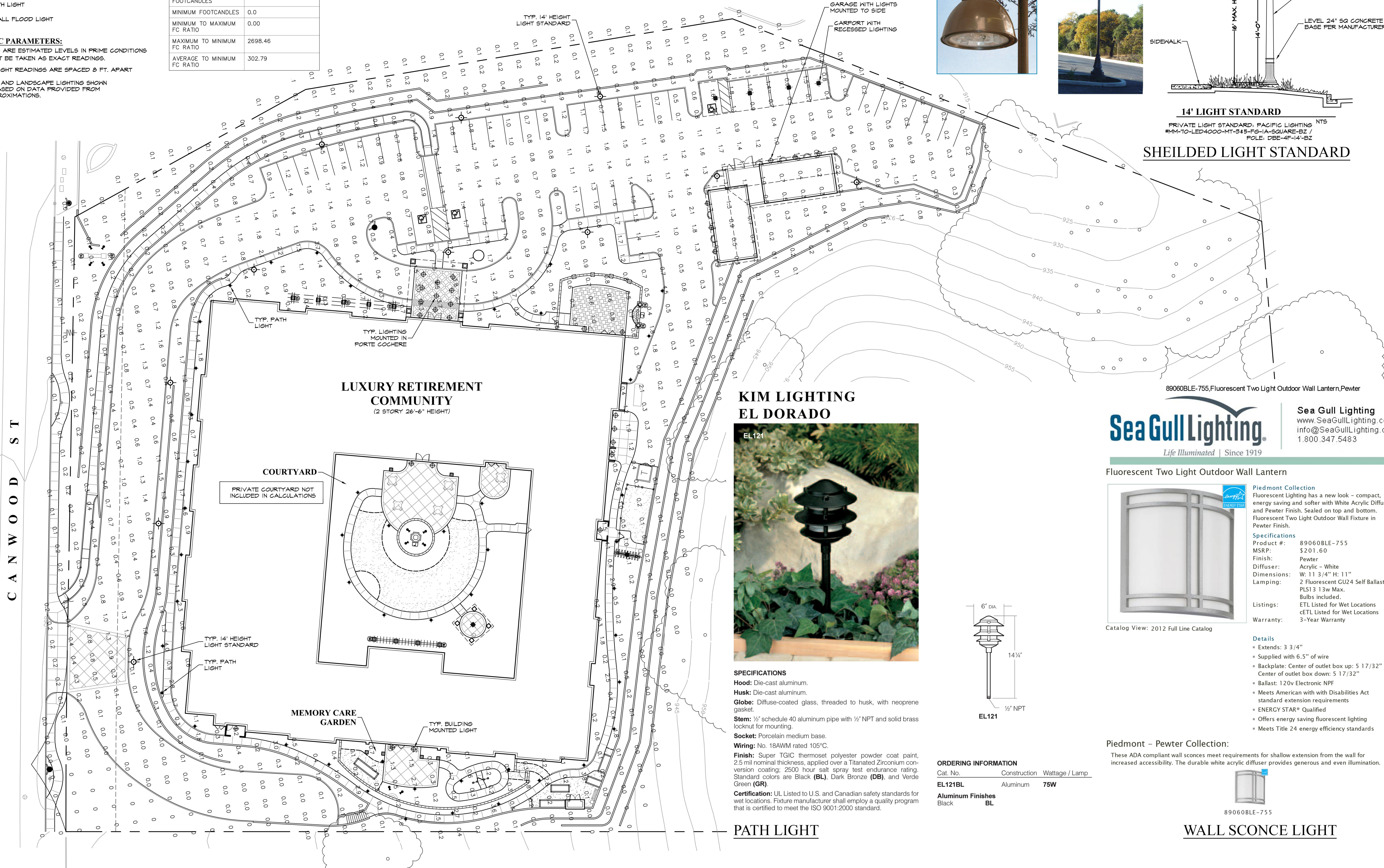
**LIGHTING LEGEND**

- ☉ — EXISTING STREET LIGHT
- ⊕ — PACIFIC LIGHTING CONTEMPORARY SHIELDED LIGHT STANDARD
- ⊕ — MAXIM LIGHTING LUNA 2-LIGHT OUTDOOR WALL LANTERN
- ◆ — PATH LIGHT
- — SMALL FLOOD LIGHT

**PHOTOMETRIC PARAMETERS:**  
 LIGHT READINGS ARE ESTIMATED LEVELS IN PRIME CONDITIONS AND SHOULD NOT BE TAKEN AS EXACT READINGS.  
 FOOT CANDLE LIGHT READINGS ARE SPACED 8 FT. APART

ARCHITECTURAL AND LANDSCAPE LIGHTING SHOWN IS SIMULATED BASED ON DATA PROVIDED FROM MFRS. AND APPROXIMATIONS.

GENERAL PHOTOMETRIC SCHEDULE	
AVERAGE FOOTCANDLES	0.63
MAXIMUM FOOTCANDLES	5.6
MINIMUM FOOTCANDLES	0.0
MINIMUM TO MAXIMUM FC RATIO	0.00
MAXIMUM TO MINIMUM FC RATIO	2698.46
AVERAGE TO MINIMUM FC RATIO	302.79



**14' LIGHT STANDARD**  
 PRIVATE LIGHT STANDARD; PACIFIC LIGHTING NTS  
 #MM-10-LED4000-MT-3-5-FG-1A-SQUARE-BZ /  
 POLE: DBE-4F-14-BZ

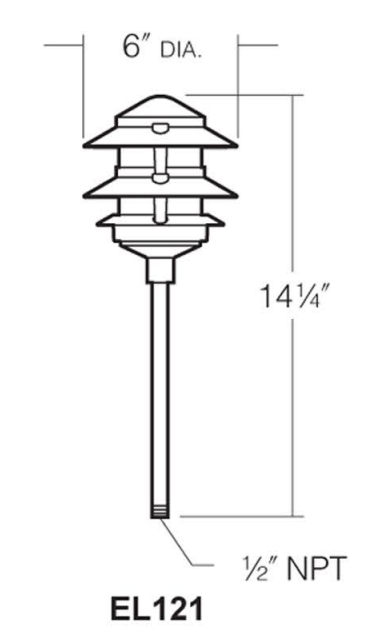
**SHIELDED LIGHT STANDARD**

89060BLE-755, Fluorescent Two Light Outdoor Wall Lantern, Pewter

**KIM LIGHTING EL DORADO**



**SPECIFICATIONS**  
**Hood:** Die-cast aluminum.  
**Husk:** Die-cast aluminum.  
**Globe:** Diffuse-coated glass, threaded to husk, with neoprene gasket.  
**Stem:** 1/2" schedule 40 aluminum pipe with 1/2" NPT and solid brass locknut for mounting.  
**Socket:** Porcelain medium base.  
**Wiring:** No. 18AWM rated 105°C.  
**Finish:** Super TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness, applied over a Titanated Zirconium conversion coating; 2500 hour salt spray test endurance rating. Standard colors are Black (BL), Dark Bronze (DB), and Verde Green (GR).  
**Certification:** UL Listed to U.S. and Canadian safety standards for wet locations. Fixture manufacturer shall employ a quality program that is certified to meet the ISO 9001:2000 standard.



**PATH LIGHT**

**Sea Gull Lighting**  
 Life Illuminated | Since 1919  
 www.SeaGullLighting.com  
 info@SeaGullLighting.com  
 1.800.347.5483

**Fluorescent Two Light Outdoor Wall Lantern**

**Piedmont Collection**  
 Fluorescent Lighting has a new look - compact, energy saving and softer with White Acrylic Diffuser and Pewter Finish. Sealed on top and bottom. Fluorescent Two Light Outdoor Wall Fixture in Pewter Finish.

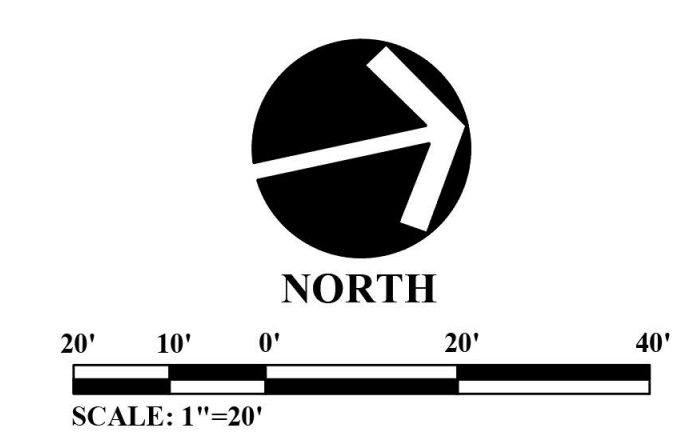
**Specifications**  
 Product #: 89060BLE-755  
 MSRP: \$201.60  
 Finish: Pewter  
 Diffuser: Acrylic - White  
 Dimensions: W: 11 3/4" H: 11"  
 Lamping: 2 Fluorescent GU24 Self Ballasted PLS13 13w Max. Bulbs included.  
 Listings: ETL Listed for Wet Locations  
 cETL Listed for Wet Locations  
 Warranty: 3-Year Warranty

- Details**
- Extends: 3 3/4"
  - Supplied with 6.5" of wire
  - Backplate: Center of outlet box up: 5 17/32"
  - Center of outlet box down: 5 17/32"
  - Ballast: 120v Electronic NPF
  - Meets American with Disabilities Act standard extension requirements
  - ENERGY STAR® Qualified
  - Offers energy saving fluorescent lighting
  - Meets Title 24 energy efficiency standards

**Piedmont - Pewter Collection:**  
 These ADA compliant wall sconces meet requirements for shallow extension from the wall for increased accessibility. The durable white acrylic diffuser provides generous and even illumination.



**WALL SCONCE LIGHT**



**Air Quality and  
Greenhouse Gas  
CalEEMod Output Data**

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**APPENDIX C**

Oakmont - Los Angeles-South Coast County, Annual

**Oakmont**  
**Los Angeles-South Coast County, Annual**

**1.0 Project Characteristics**

---

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Congregate Care (Assisted Living)	76.00	Dwelling Unit	3.58	71,020.00	217

**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>	8			<b>Operational Year</b>	2019
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	702.44	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**



Oakmont - Los Angeles-South Coast County, Annual

Project Characteristics - Anticipated building permits by July 2018 and construction completion July 2019.

Land Use - 3.58 ac, 71,020 sf

Construction Phase - No demo, prep 10 days, grading 16 days

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - No demo

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - 2 dozers, 3 backhoe

Trips and VMT - No demo trips

Grading - 5,600cy import

Woodstoves - No woodstoves, 1 gas fireplace

Construction Off-road Equipment Mitigation -

Energy Use -

## Oakmont - Los Angeles-South Coast County, Annual

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	NumDays	8.00	16.00
tblConstructionPhase	NumDays	5.00	10.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	64.60	1.00
tblFireplaces	NumberWood	3.80	0.00
tblGrading	AcresOfGrading	8.00	4.00
tblGrading	MaterialImported	0.00	5,600.00
tblLandUse	BuildingSpaceSquareFeet	76,000.00	71,020.00
tblLandUse	LandUseSquareFeet	76,000.00	71,020.00
tblLandUse	LotAcreage	4.75	3.58
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	3.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblProjectCharacteristics	OperationalYear	2018	2019
tblTripsAndVMT	WorkerTripNumber	13.00	18.00
tblWoodstoves	NumberCatalytic	3.80	0.00
tblWoodstoves	NumberNoncatalytic	3.80	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

Oakmont - Los Angeles-South Coast County, Annual

**2.0 Emissions Summary**

**2.1 Overall Construction**

**Unmitigated Construction**

	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
Year	tons/yr										MT/yr					
2018	0.2012	1.8226	1.3312	2.5500e-003	0.1534	0.1012	0.2546	0.0713	0.0947	0.1660	0.0000	230.5169	230.5169	0.0450	0.0000	231.6427
2019	0.4043	1.5234	1.3850	2.4400e-003	0.0439	0.0890	0.1329	0.0117	0.0836	0.0953	0.0000	215.9394	215.9394	0.0428	0.0000	217.0094
<b>Maximum</b>	<b>0.4043</b>	<b>1.8226</b>	<b>1.3850</b>	<b>2.5500e-003</b>	<b>0.1534</b>	<b>0.1012</b>	<b>0.2546</b>	<b>0.0713</b>	<b>0.0947</b>	<b>0.1660</b>	<b>0.0000</b>	<b>230.5169</b>	<b>230.5169</b>	<b>0.0450</b>	<b>0.0000</b>	<b>231.6427</b>

**Mitigated Construction**

	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
Year	tons/yr										MT/yr					
2018	0.2012	1.8226	1.3312	2.5500e-003	0.0925	0.1012	0.1936	0.0384	0.0947	0.1330	0.0000	230.5167	230.5167	0.0450	0.0000	231.6425
2019	0.4043	1.5234	1.3850	2.4400e-003	0.0439	0.0890	0.1329	0.0117	0.0836	0.0953	0.0000	215.9392	215.9392	0.0428	0.0000	217.0092
<b>Maximum</b>	<b>0.4043</b>	<b>1.8226</b>	<b>1.3850</b>	<b>2.5500e-003</b>	<b>0.0925</b>	<b>0.1012</b>	<b>0.1936</b>	<b>0.0384</b>	<b>0.0947</b>	<b>0.1330</b>	<b>0.0000</b>	<b>230.5167</b>	<b>230.5167</b>	<b>0.0450</b>	<b>0.0000</b>	<b>231.6425</b>

Oakmont - Los Angeles-South Coast County, Annual

	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	30.90	0.00	15.73	39.65	0.00	12.60	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	7-2-2018	10-1-2018	1.1208	1.1208
2	10-2-2018	1-1-2019	0.9085	0.9085
3	1-2-2019	4-1-2019	0.8013	0.8013
4	4-2-2019	7-1-2019	0.7818	0.7818
5	7-2-2019	9-30-2019	0.3359	0.3359
		Highest	1.1208	1.1208

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	tons/yr										MT/yr					
Area	0.3030	9.3300e-003	0.7877	4.0000e-005		4.3300e-003	4.3300e-003		4.3300e-003	4.3300e-003	0.0000	1.5204	1.5204	1.2600e-003	0.0000	1.5532
Energy	5.7600e-003	0.0492	0.0209	3.1000e-004		3.9800e-003	3.9800e-003		3.9800e-003	3.9800e-003	0.0000	159.4087	159.4087	5.3200e-003	1.9200e-003	160.1137
Mobile	0.0792	0.4059	1.1051	3.3700e-003	0.2583	3.9400e-003	0.2622	0.0692	3.7000e-003	0.0729	0.0000	310.4948	310.4948	0.0182	0.0000	310.9504
Waste						0.0000	0.0000		0.0000	0.0000	14.0774	0.0000	14.0774	0.8320	0.0000	34.8762
Water						0.0000	0.0000		0.0000	0.0000	1.5710	31.5940	33.1650	0.1627	4.0800e-003	38.4471
<b>Total</b>	<b>0.3880</b>	<b>0.4644</b>	<b>1.9138</b>	<b>3.7200e-003</b>	<b>0.2583</b>	<b>0.0123</b>	<b>0.2705</b>	<b>0.0692</b>	<b>0.0120</b>	<b>0.0813</b>	<b>15.6484</b>	<b>503.0180</b>	<b>518.6663</b>	<b>1.0194</b>	<b>6.0000e-003</b>	<b>545.9408</b>

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**2.2 Overall Operational**

**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	tons/yr										MT/yr					
Area	0.3030	9.3300e-003	0.7877	4.0000e-005		4.3300e-003	4.3300e-003		4.3300e-003	4.3300e-003	0.0000	1.5204	1.5204	1.2600e-003	0.0000	1.5532
Energy	5.7600e-003	0.0492	0.0209	3.1000e-004		3.9800e-003	3.9800e-003		3.9800e-003	3.9800e-003	0.0000	159.4087	159.4087	5.3200e-003	1.9200e-003	160.1137
Mobile	0.0792	0.4059	1.1051	3.3700e-003	0.2583	3.9400e-003	0.2622	0.0692	3.7000e-003	0.0729	0.0000	310.4948	310.4948	0.0182	0.0000	310.9504
Waste						0.0000	0.0000		0.0000	0.0000	14.0774	0.0000	14.0774	0.8320	0.0000	34.8762
Water						0.0000	0.0000		0.0000	0.0000	1.5710	31.5940	33.1650	0.1627	4.0800e-003	38.4471
<b>Total</b>	<b>0.3880</b>	<b>0.4644</b>	<b>1.9138</b>	<b>3.7200e-003</b>	<b>0.2583</b>	<b>0.0123</b>	<b>0.2705</b>	<b>0.0692</b>	<b>0.0120</b>	<b>0.0813</b>	<b>15.6484</b>	<b>503.0180</b>	<b>518.6663</b>	<b>1.0194</b>	<b>6.0000e-003</b>	<b>545.9408</b>

	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**

**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/2/2018	7/1/2018	5	0	
2	Site Preparation	Site Preparation	7/2/2018	7/13/2018	5	10	
3	Grading	Grading	7/14/2018	8/6/2018	5	16	
4	Building Construction	Building Construction	8/7/2018	6/24/2019	5	230	
5	Paving	Paving	6/25/2019	7/18/2019	5	18	
6	Architectural Coating	Architectural Coating	7/19/2019	8/13/2019	5	18	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 4**

**Acres of Paving: 0**

**Residential Indoor: 143,816; Residential Outdoor: 47,939; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	0.00	81	0.73
Demolition	Excavators	0	0.00	158	0.38
Demolition	Rubber Tired Dozers	0	0.00	247	0.40
Site Preparation	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**







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**3.2 Demolition - 2018**

**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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	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	0.0000	0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**3.3 Site Preparation - 2018**

**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	tons/yr										MT/yr					
Fugitive Dust					0.0602	0.0000	0.0602	0.0331	0.0000	0.0331	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0157	0.1651	0.0788	1.3000e-004		8.9000e-003	8.9000e-003		8.1900e-003	8.1900e-003	0.0000	12.0595	12.0595	3.7500e-003	0.0000	12.1534
<b>Total</b>	<b>0.0157</b>	<b>0.1651</b>	<b>0.0788</b>	<b>1.3000e-004</b>	<b>0.0602</b>	<b>8.9000e-003</b>	<b>0.0691</b>	<b>0.0331</b>	<b>8.1900e-003</b>	<b>0.0413</b>	<b>0.0000</b>	<b>12.0595</b>	<b>12.0595</b>	<b>3.7500e-003</b>	<b>0.0000</b>	<b>12.1534</b>

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**3.3 Site Preparation - 2018**

**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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	5.0000e-004	4.3000e-004	4.5900e-003	1.0000e-005	9.9000e-004	1.0000e-005	1.0000e-003	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.9799	0.9799	4.0000e-005	0.0000	0.9808
<b>Total</b>	<b>5.0000e-004</b>	<b>4.3000e-004</b>	<b>4.5900e-003</b>	<b>1.0000e-005</b>	<b>9.9000e-004</b>	<b>1.0000e-005</b>	<b>1.0000e-003</b>	<b>2.6000e-004</b>	<b>1.0000e-005</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>0.9799</b>	<b>0.9799</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.9808</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	tons/yr										MT/yr					
Fugitive Dust					0.0271	0.0000	0.0271	0.0149	0.0000	0.0149	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0157	0.1651	0.0788	1.3000e-004		8.9000e-003	8.9000e-003		8.1900e-003	8.1900e-003	0.0000	12.0595	12.0595	3.7500e-003	0.0000	12.1534
<b>Total</b>	<b>0.0157</b>	<b>0.1651</b>	<b>0.0788</b>	<b>1.3000e-004</b>	<b>0.0271</b>	<b>8.9000e-003</b>	<b>0.0360</b>	<b>0.0149</b>	<b>8.1900e-003</b>	<b>0.0231</b>	<b>0.0000</b>	<b>12.0595</b>	<b>12.0595</b>	<b>3.7500e-003</b>	<b>0.0000</b>	<b>12.1534</b>

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**3.3 Site Preparation - 2018**

**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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	5.0000e-004	4.3000e-004	4.5900e-003	1.0000e-005	9.9000e-004	1.0000e-005	1.0000e-003	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.9799	0.9799	4.0000e-005	0.0000	0.9808
<b>Total</b>	<b>5.0000e-004</b>	<b>4.3000e-004</b>	<b>4.5900e-003</b>	<b>1.0000e-005</b>	<b>9.9000e-004</b>	<b>1.0000e-005</b>	<b>1.0000e-003</b>	<b>2.6000e-004</b>	<b>1.0000e-005</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>0.9799</b>	<b>0.9799</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.9808</b>

**3.4 Grading - 2018**

**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	tons/yr										MT/yr					
Fugitive Dust					0.0506	0.0000	0.0506	0.0268	0.0000	0.0268	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0222	0.2454	0.1326	2.4000e-004		0.0124	0.0124		0.0114	0.0114	0.0000	21.6855	21.6855	6.7500e-003	0.0000	21.8543
<b>Total</b>	<b>0.0222</b>	<b>0.2454</b>	<b>0.1326</b>	<b>2.4000e-004</b>	<b>0.0506</b>	<b>0.0124</b>	<b>0.0630</b>	<b>0.0268</b>	<b>0.0114</b>	<b>0.0382</b>	<b>0.0000</b>	<b>21.6855</b>	<b>21.6855</b>	<b>6.7500e-003</b>	<b>0.0000</b>	<b>21.8543</b>

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**3.4 Grading - 2018**

**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	tons/yr										MT/yr					
Hauling	3.5100e-003	0.1169	0.0241	2.8000e-004	6.0100e-003	4.3000e-004	6.4500e-003	1.6500e-003	4.1000e-004	2.0700e-003	0.0000	27.6067	27.6067	1.9500e-003	0.0000	27.6553
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	0.0000	0.0000
Worker	6.6000e-004	5.7000e-004	6.1200e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3300e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.3066	1.3066	5.0000e-005	0.0000	1.3078
<b>Total</b>	<b>4.1700e-003</b>	<b>0.1175</b>	<b>0.0302</b>	<b>2.9000e-004</b>	<b>7.3200e-003</b>	<b>4.4000e-004</b>	<b>7.7800e-003</b>	<b>2.0000e-003</b>	<b>4.2000e-004</b>	<b>2.4300e-003</b>	<b>0.0000</b>	<b>28.9132</b>	<b>28.9132</b>	<b>2.0000e-003</b>	<b>0.0000</b>	<b>28.9631</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	tons/yr										MT/yr					
Fugitive Dust					0.0228	0.0000	0.0228	0.0120	0.0000	0.0120	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0222	0.2454	0.1326	2.4000e-004		0.0124	0.0124		0.0114	0.0114	0.0000	21.6855	21.6855	6.7500e-003	0.0000	21.8543
<b>Total</b>	<b>0.0222</b>	<b>0.2454</b>	<b>0.1326</b>	<b>2.4000e-004</b>	<b>0.0228</b>	<b>0.0124</b>	<b>0.0352</b>	<b>0.0120</b>	<b>0.0114</b>	<b>0.0235</b>	<b>0.0000</b>	<b>21.6855</b>	<b>21.6855</b>	<b>6.7500e-003</b>	<b>0.0000</b>	<b>21.8543</b>

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**3.4 Grading - 2018**

**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	tons/yr										MT/yr					
Hauling	3.5100e-003	0.1169	0.0241	2.8000e-004	6.0100e-003	4.3000e-004	6.4500e-003	1.6500e-003	4.1000e-004	2.0700e-003	0.0000	27.6067	27.6067	1.9500e-003	0.0000	27.6553
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	0.0000	0.0000
Worker	6.6000e-004	5.7000e-004	6.1200e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3300e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.3066	1.3066	5.0000e-005	0.0000	1.3078
<b>Total</b>	<b>4.1700e-003</b>	<b>0.1175</b>	<b>0.0302</b>	<b>2.9000e-004</b>	<b>7.3200e-003</b>	<b>4.4000e-004</b>	<b>7.7800e-003</b>	<b>2.0000e-003</b>	<b>4.2000e-004</b>	<b>2.4300e-003</b>	<b>0.0000</b>	<b>28.9132</b>	<b>28.9132</b>	<b>2.0000e-003</b>	<b>0.0000</b>	<b>28.9631</b>

**3.5 Building Construction - 2018**

**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	tons/yr										MT/yr					
Off-Road	0.1407	1.2280	0.9230	1.4100e-003		0.0787	0.0787		0.0740	0.0740	0.0000	124.8278	124.8278	0.0306	0.0000	125.5924
<b>Total</b>	<b>0.1407</b>	<b>1.2280</b>	<b>0.9230</b>	<b>1.4100e-003</b>		<b>0.0787</b>	<b>0.0787</b>		<b>0.0740</b>	<b>0.0740</b>	<b>0.0000</b>	<b>124.8278</b>	<b>124.8278</b>	<b>0.0306</b>	<b>0.0000</b>	<b>125.5924</b>

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**3.5 Building Construction - 2018**

**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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	1.9700e-003	0.0526	0.0148	1.1000e-004	2.6500e-003	3.7000e-004	3.0100e-003	7.6000e-004	3.5000e-004	1.1100e-003	0.0000	10.6120	10.6120	7.3000e-004	0.0000	10.6302
Worker	0.0160	0.0137	0.1472	3.5000e-004	0.0316	2.9000e-004	0.0319	8.4000e-003	2.7000e-004	8.6700e-003	0.0000	31.4390	31.4390	1.1800e-003	0.0000	31.4685
<b>Total</b>	<b>0.0180</b>	<b>0.0663</b>	<b>0.1620</b>	<b>4.6000e-004</b>	<b>0.0343</b>	<b>6.6000e-004</b>	<b>0.0349</b>	<b>9.1600e-003</b>	<b>6.2000e-004</b>	<b>9.7800e-003</b>	<b>0.0000</b>	<b>42.0509</b>	<b>42.0509</b>	<b>1.9100e-003</b>	<b>0.0000</b>	<b>42.0987</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	tons/yr										MT/yr					
Off-Road	0.1407	1.2280	0.9230	1.4100e-003		0.0787	0.0787		0.0740	0.0740	0.0000	124.8277	124.8277	0.0306	0.0000	125.5922
<b>Total</b>	<b>0.1407</b>	<b>1.2280</b>	<b>0.9230</b>	<b>1.4100e-003</b>		<b>0.0787</b>	<b>0.0787</b>		<b>0.0740</b>	<b>0.0740</b>	<b>0.0000</b>	<b>124.8277</b>	<b>124.8277</b>	<b>0.0306</b>	<b>0.0000</b>	<b>125.5922</b>

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**3.5 Building Construction - 2018**

**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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	1.9700e-003	0.0526	0.0148	1.1000e-004	2.6500e-003	3.7000e-004	3.0100e-003	7.6000e-004	3.5000e-004	1.1100e-003	0.0000	10.6120	10.6120	7.3000e-004	0.0000	10.6302
Worker	0.0160	0.0137	0.1472	3.5000e-004	0.0316	2.9000e-004	0.0319	8.4000e-003	2.7000e-004	8.6700e-003	0.0000	31.4390	31.4390	1.1800e-003	0.0000	31.4685
<b>Total</b>	<b>0.0180</b>	<b>0.0663</b>	<b>0.1620</b>	<b>4.6000e-004</b>	<b>0.0343</b>	<b>6.6000e-004</b>	<b>0.0349</b>	<b>9.1600e-003</b>	<b>6.2000e-004</b>	<b>9.7800e-003</b>	<b>0.0000</b>	<b>42.0509</b>	<b>42.0509</b>	<b>1.9100e-003</b>	<b>0.0000</b>	<b>42.0987</b>

**3.5 Building Construction - 2019**

**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	tons/yr										MT/yr					
Off-Road	0.1476	1.3174	1.0727	1.6800e-003		0.0806	0.0806		0.0758	0.0758	0.0000	146.9401	146.9401	0.0358	0.0000	147.8350
<b>Total</b>	<b>0.1476</b>	<b>1.3174</b>	<b>1.0727</b>	<b>1.6800e-003</b>		<b>0.0806</b>	<b>0.0806</b>		<b>0.0758</b>	<b>0.0758</b>	<b>0.0000</b>	<b>146.9401</b>	<b>146.9401</b>	<b>0.0358</b>	<b>0.0000</b>	<b>147.8350</b>



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**3.5 Building Construction - 2019**

**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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	2.1200e-003	0.0591	0.0162	1.3000e-004	3.1500e-003	3.7000e-004	3.5200e-003	9.1000e-004	3.6000e-004	1.2600e-003	0.0000	12.5032	12.5032	8.3000e-004	0.0000	12.5241
Worker	0.0172	0.0144	0.1561	4.0000e-004	0.0377	3.3000e-004	0.0380	0.0100	3.1000e-004	0.0103	0.0000	36.2092	36.2092	1.2500e-003	0.0000	36.2403
<b>Total</b>	<b>0.0193</b>	<b>0.0734</b>	<b>0.1722</b>	<b>5.3000e-004</b>	<b>0.0408</b>	<b>7.0000e-004</b>	<b>0.0415</b>	<b>0.0109</b>	<b>6.7000e-004</b>	<b>0.0116</b>	<b>0.0000</b>	<b>48.7124</b>	<b>48.7124</b>	<b>2.0800e-003</b>	<b>0.0000</b>	<b>48.7644</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	tons/yr										MT/yr					
Off-Road	0.1476	1.3174	1.0727	1.6800e-003		0.0806	0.0806		0.0758	0.0758	0.0000	146.9400	146.9400	0.0358	0.0000	147.8349
<b>Total</b>	<b>0.1476</b>	<b>1.3174</b>	<b>1.0727</b>	<b>1.6800e-003</b>		<b>0.0806</b>	<b>0.0806</b>		<b>0.0758</b>	<b>0.0758</b>	<b>0.0000</b>	<b>146.9400</b>	<b>146.9400</b>	<b>0.0358</b>	<b>0.0000</b>	<b>147.8349</b>

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**3.5 Building Construction - 2019****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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	2.1200e-003	0.0591	0.0162	1.3000e-004	3.1500e-003	3.7000e-004	3.5200e-003	9.1000e-004	3.6000e-004	1.2600e-003	0.0000	12.5032	12.5032	8.3000e-004	0.0000	12.5241
Worker	0.0172	0.0144	0.1561	4.0000e-004	0.0377	3.3000e-004	0.0380	0.0100	3.1000e-004	0.0103	0.0000	36.2092	36.2092	1.2500e-003	0.0000	36.2403
<b>Total</b>	<b>0.0193</b>	<b>0.0734</b>	<b>0.1722</b>	<b>5.3000e-004</b>	<b>0.0408</b>	<b>7.0000e-004</b>	<b>0.0415</b>	<b>0.0109</b>	<b>6.7000e-004</b>	<b>0.0116</b>	<b>0.0000</b>	<b>48.7124</b>	<b>48.7124</b>	<b>2.0800e-003</b>	<b>0.0000</b>	<b>48.7644</b>

**3.6 Paving - 2019****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	tons/yr										MT/yr					
Off-Road	0.0114	0.1148	0.1108	1.7000e-004		6.4800e-003	6.4800e-003		5.9700e-003	5.9700e-003	0.0000	15.0501	15.0501	4.6300e-003	0.0000	15.1658
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0114</b>	<b>0.1148</b>	<b>0.1108</b>	<b>1.7000e-004</b>		<b>6.4800e-003</b>	<b>6.4800e-003</b>		<b>5.9700e-003</b>	<b>5.9700e-003</b>	<b>0.0000</b>	<b>15.0501</b>	<b>15.0501</b>	<b>4.6300e-003</b>	<b>0.0000</b>	<b>15.1658</b>

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**3.6 Paving - 2019**

**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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	9.0000e-004	7.5000e-004	8.1700e-003	2.0000e-005	1.9700e-003	2.0000e-005	1.9900e-003	5.2000e-004	2.0000e-005	5.4000e-004	0.0000	1.8960	1.8960	7.0000e-005	0.0000	1.8977
<b>Total</b>	<b>9.0000e-004</b>	<b>7.5000e-004</b>	<b>8.1700e-003</b>	<b>2.0000e-005</b>	<b>1.9700e-003</b>	<b>2.0000e-005</b>	<b>1.9900e-003</b>	<b>5.2000e-004</b>	<b>2.0000e-005</b>	<b>5.4000e-004</b>	<b>0.0000</b>	<b>1.8960</b>	<b>1.8960</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>1.8977</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	tons/yr										MT/yr					
Off-Road	0.0114	0.1148	0.1108	1.7000e-004		6.4800e-003	6.4800e-003		5.9700e-003	5.9700e-003	0.0000	15.0501	15.0501	4.6300e-003	0.0000	15.1658
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0114</b>	<b>0.1148</b>	<b>0.1108</b>	<b>1.7000e-004</b>		<b>6.4800e-003</b>	<b>6.4800e-003</b>		<b>5.9700e-003</b>	<b>5.9700e-003</b>	<b>0.0000</b>	<b>15.0501</b>	<b>15.0501</b>	<b>4.6300e-003</b>	<b>0.0000</b>	<b>15.1658</b>

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**3.6 Paving - 2019**

**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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	9.0000e-004	7.5000e-004	8.1700e-003	2.0000e-005	1.9700e-003	2.0000e-005	1.9900e-003	5.2000e-004	2.0000e-005	5.4000e-004	0.0000	1.8960	1.8960	7.0000e-005	0.0000	1.8977
<b>Total</b>	<b>9.0000e-004</b>	<b>7.5000e-004</b>	<b>8.1700e-003</b>	<b>2.0000e-005</b>	<b>1.9700e-003</b>	<b>2.0000e-005</b>	<b>1.9900e-003</b>	<b>5.2000e-004</b>	<b>2.0000e-005</b>	<b>5.4000e-004</b>	<b>0.0000</b>	<b>1.8960</b>	<b>1.8960</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>1.8977</b>

**3.7 Architectural Coating - 2019**

**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	tons/yr										MT/yr					
Archit. Coating	0.2222					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4000e-003	0.0165	0.0166	3.0000e-005		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	2.2979	2.2979	1.9000e-004	0.0000	2.3028
<b>Total</b>	<b>0.2246</b>	<b>0.0165</b>	<b>0.0166</b>	<b>3.0000e-005</b>		<b>1.1600e-003</b>	<b>1.1600e-003</b>		<b>1.1600e-003</b>	<b>1.1600e-003</b>	<b>0.0000</b>	<b>2.2979</b>	<b>2.2979</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>2.3028</b>

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**3.7 Architectural Coating - 2019**

**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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	5.0000e-004	4.1000e-004	4.4900e-003	1.0000e-005	1.0800e-003	1.0000e-005	1.0900e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	1.0428	1.0428	4.0000e-005	0.0000	1.0437
<b>Total</b>	<b>5.0000e-004</b>	<b>4.1000e-004</b>	<b>4.4900e-003</b>	<b>1.0000e-005</b>	<b>1.0800e-003</b>	<b>1.0000e-005</b>	<b>1.0900e-003</b>	<b>2.9000e-004</b>	<b>1.0000e-005</b>	<b>3.0000e-004</b>	<b>0.0000</b>	<b>1.0428</b>	<b>1.0428</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>1.0437</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	tons/yr										MT/yr					
Archit. Coating	0.2222					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4000e-003	0.0165	0.0166	3.0000e-005		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	2.2979	2.2979	1.9000e-004	0.0000	2.3028
<b>Total</b>	<b>0.2246</b>	<b>0.0165</b>	<b>0.0166</b>	<b>3.0000e-005</b>		<b>1.1600e-003</b>	<b>1.1600e-003</b>		<b>1.1600e-003</b>	<b>1.1600e-003</b>	<b>0.0000</b>	<b>2.2979</b>	<b>2.2979</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>2.3028</b>

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**3.7 Architectural Coating - 2019**

**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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	5.0000e-004	4.1000e-004	4.4900e-003	1.0000e-005	1.0800e-003	1.0000e-005	1.0900e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	1.0428	1.0428	4.0000e-005	0.0000	1.0437
<b>Total</b>	<b>5.0000e-004</b>	<b>4.1000e-004</b>	<b>4.4900e-003</b>	<b>1.0000e-005</b>	<b>1.0800e-003</b>	<b>1.0000e-005</b>	<b>1.0900e-003</b>	<b>2.9000e-004</b>	<b>1.0000e-005</b>	<b>3.0000e-004</b>	<b>0.0000</b>	<b>1.0428</b>	<b>1.0428</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>1.0437</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

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	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	tons/yr										MT/yr					
Mitigated	0.0792	0.4059	1.1051	3.3700e-003	0.2583	3.9400e-003	0.2622	0.0692	3.7000e-003	0.0729	0.0000	310.4948	310.4948	0.0182	0.0000	310.9504
Unmitigated	0.0792	0.4059	1.1051	3.3700e-003	0.2583	3.9400e-003	0.2622	0.0692	3.7000e-003	0.0729	0.0000	310.4948	310.4948	0.0182	0.0000	310.9504

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Congregate Care (Assisted Living)	208.24	167.20	185.44	680,423	680,423
Total	208.24	167.20	185.44	680,423	680,423

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
Congregate Care (Assisted Living)	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Congregate Care (Assisted Living)	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925

5.0 Energy Detail

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Historical Energy Use: N

5.1 Mitigation Measures Energy

	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	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	102.4420	102.4420	4.2300e-003	8.8000e-004	102.8085
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	102.4420	102.4420	4.2300e-003	8.8000e-004	102.8085
NaturalGas Mitigated	5.7600e-003	0.0492	0.0209	3.1000e-004		3.9800e-003	3.9800e-003		3.9800e-003	3.9800e-003	0.0000	56.9667	56.9667	1.0900e-003	1.0400e-003	57.3052
NaturalGas Unmitigated	5.7600e-003	0.0492	0.0209	3.1000e-004		3.9800e-003	3.9800e-003		3.9800e-003	3.9800e-003	0.0000	56.9667	56.9667	1.0900e-003	1.0400e-003	57.3052



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**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	tons/yr										MT/yr					
Congregate Care (Assisted Living)	1.06752e+006	5.7600e-003	0.0492	0.0209	3.1000e-004		3.9800e-003	3.9800e-003		3.9800e-003	3.9800e-003	0.0000	56.9667	56.9667	1.0900e-003	1.0400e-003	57.3052
<b>Total</b>		<b>5.7600e-003</b>	<b>0.0492</b>	<b>0.0209</b>	<b>3.1000e-004</b>		<b>3.9800e-003</b>	<b>3.9800e-003</b>		<b>3.9800e-003</b>	<b>3.9800e-003</b>	<b>0.0000</b>	<b>56.9667</b>	<b>56.9667</b>	<b>1.0900e-003</b>	<b>1.0400e-003</b>	<b>57.3052</b>

**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	tons/yr										MT/yr					
Congregate Care (Assisted Living)	1.06752e+006	5.7600e-003	0.0492	0.0209	3.1000e-004		3.9800e-003	3.9800e-003		3.9800e-003	3.9800e-003	0.0000	56.9667	56.9667	1.0900e-003	1.0400e-003	57.3052
<b>Total</b>		<b>5.7600e-003</b>	<b>0.0492</b>	<b>0.0209</b>	<b>3.1000e-004</b>		<b>3.9800e-003</b>	<b>3.9800e-003</b>		<b>3.9800e-003</b>	<b>3.9800e-003</b>	<b>0.0000</b>	<b>56.9667</b>	<b>56.9667</b>	<b>1.0900e-003</b>	<b>1.0400e-003</b>	<b>57.3052</b>

Oakmont - Los Angeles-South Coast County, Annual

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Congregate Care (Assisted Living)	321516	102.4420	4.2300e-003	8.8000e-004	102.8085
<b>Total</b>		<b>102.4420</b>	<b>4.2300e-003</b>	<b>8.8000e-004</b>	<b>102.8085</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Congregate Care (Assisted Living)	321516	102.4420	4.2300e-003	8.8000e-004	102.8085
<b>Total</b>		<b>102.4420</b>	<b>4.2300e-003</b>	<b>8.8000e-004</b>	<b>102.8085</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

Oakmont - Los Angeles-South Coast County, Annual

	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	tons/yr										MT/yr					
Mitigated	0.3030	9.3300e-003	0.7877	4.0000e-005		4.3300e-003	4.3300e-003		4.3300e-003	4.3300e-003	0.0000	1.5204	1.5204	1.2600e-003	0.0000	1.5532
Unmitigated	0.3030	9.3300e-003	0.7877	4.0000e-005		4.3300e-003	4.3300e-003		4.3300e-003	4.3300e-003	0.0000	1.5204	1.5204	1.2600e-003	0.0000	1.5532

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	tons/yr										MT/yr					
Architectural Coating	0.0222					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2566					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.0000e-005	2.1000e-004	9.0000e-005	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.2401	0.2401	0.0000	0.0000	0.2416
Landscaping	0.0241	9.1200e-003	0.7876	4.0000e-005		4.3200e-003	4.3200e-003		4.3200e-003	4.3200e-003	0.0000	1.2803	1.2803	1.2600e-003	0.0000	1.3117
<b>Total</b>	<b>0.3030</b>	<b>9.3300e-003</b>	<b>0.7877</b>	<b>4.0000e-005</b>		<b>4.3400e-003</b>	<b>4.3400e-003</b>		<b>4.3400e-003</b>	<b>4.3400e-003</b>	<b>0.0000</b>	<b>1.5204</b>	<b>1.5204</b>	<b>1.2600e-003</b>	<b>0.0000</b>	<b>1.5532</b>

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**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	tons/yr										MT/yr					
Architectural Coating	0.0222					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2566					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.0000e-005	2.1000e-004	9.0000e-005	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.2401	0.2401	0.0000	0.0000	0.2416
Landscaping	0.0241	9.1200e-003	0.7876	4.0000e-005		4.3200e-003	4.3200e-003		4.3200e-003	4.3200e-003	0.0000	1.2803	1.2803	1.2600e-003	0.0000	1.3117
<b>Total</b>	<b>0.3030</b>	<b>9.3300e-003</b>	<b>0.7877</b>	<b>4.0000e-005</b>		<b>4.3400e-003</b>	<b>4.3400e-003</b>		<b>4.3400e-003</b>	<b>4.3400e-003</b>	<b>0.0000</b>	<b>1.5204</b>	<b>1.5204</b>	<b>1.2600e-003</b>	<b>0.0000</b>	<b>1.5532</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

Oakmont - Los Angeles-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	33.1650	0.1627	4.0800e-003	38.4471
Unmitigated	33.1650	0.1627	4.0800e-003	38.4471

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Congregate Care (Assisted Living)	4.95171 / 3.12173	33.1650	0.1627	4.0800e-003	38.4471
<b>Total</b>		<b>33.1650</b>	<b>0.1627</b>	<b>4.0800e-003</b>	<b>38.4471</b>

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**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Congregate Care (Assisted Living)	4.95171 / 3.12173	33.1650	0.1627	4.0800e-003	38.4471
<b>Total</b>		<b>33.1650</b>	<b>0.1627</b>	<b>4.0800e-003</b>	<b>38.4471</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	14.0774	0.8320	0.0000	34.8762
Unmitigated	14.0774	0.8320	0.0000	34.8762

Oakmont - Los Angeles-South Coast County, Annual

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Congregate Care (Assisted Living)	69.35	14.0774	0.8320	0.0000	34.8762
<b>Total</b>		<b>14.0774</b>	<b>0.8320</b>	<b>0.0000</b>	<b>34.8762</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Congregate Care (Assisted Living)	69.35	14.0774	0.8320	0.0000	34.8762
<b>Total</b>		<b>14.0774</b>	<b>0.8320</b>	<b>0.0000</b>	<b>34.8762</b>

**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Oakmont - Los Angeles-South Coast County, Annual

**10.0 Stationary Equipment**

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**Fire Pumps and Emergency Generators**

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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Oakmont - Los Angeles-South Coast County, Summer

**Oakmont**  
**Los Angeles-South Coast County, Summer**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Congregate Care (Assisted Living)	76.00	Dwelling Unit	3.58	71,020.00	217

**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>	8			<b>Operational Year</b>	2019
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	702.44	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Oakmont - Los Angeles-South Coast County, Summer

Project Characteristics - Anticipated building permits by July 2018 and construction completion July 2019.

Land Use - 3.58 ac, 71,020 sf

Construction Phase - No demo, prep 10 days, grading 16 days

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - No demo

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - 2 dozers, 3 backhoe

Trips and VMT - No demo trips

Grading - 5,600cy import

Woodstoves - No woodstoves, 1 gas fireplace

Construction Off-road Equipment Mitigation -

Energy Use -

## Oakmont - Los Angeles-South Coast County, Summer

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	NumDays	8.00	16.00
tblConstructionPhase	NumDays	5.00	10.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	64.60	1.00
tblFireplaces	NumberWood	3.80	0.00
tblGrading	AcresOfGrading	8.00	4.00
tblGrading	MaterialImported	0.00	5,600.00
tblLandUse	BuildingSpaceSquareFeet	76,000.00	71,020.00
tblLandUse	LandUseSquareFeet	76,000.00	71,020.00
tblLandUse	LotAcreage	4.75	3.58
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	3.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblProjectCharacteristics	OperationalYear	2018	2019
tblTripsAndVMT	WorkerTripNumber	13.00	18.00
tblWoodstoves	NumberCatalytic	3.80	0.00
tblWoodstoves	NumberNoncatalytic	3.80	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

Oakmont - Los Angeles-South Coast County, Summer

**2.0 Emissions Summary**

**2.1 Overall Construction (Maximum Daily Emission)**

**Unmitigated Construction**

	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
Year	lb/day										lb/day					
2018	3.2904	44.8691	20.8189	0.0670	12.2454	1.7818	14.0272	6.6738	1.6393	8.3131	0.0000	7,006.8888	7,006.8888	1.2010	0.0000	7,036.9134
2019	25.0099	22.2066	20.0613	0.0357	0.6660	1.3011	1.9671	0.1778	1.2233	1.4010	0.0000	3,481.7559	3,481.7559	0.6685	0.0000	3,498.4695
<b>Maximum</b>	<b>25.0099</b>	<b>44.8691</b>	<b>20.8189</b>	<b>0.0670</b>	<b>12.2454</b>	<b>1.7818</b>	<b>14.0272</b>	<b>6.6738</b>	<b>1.6393</b>	<b>8.3131</b>	<b>0.0000</b>	<b>7,006.8888</b>	<b>7,006.8888</b>	<b>1.2010</b>	<b>0.0000</b>	<b>7,036.9134</b>

**Mitigated Construction**

	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
Year	lb/day										lb/day					
2018	3.2904	44.8691	20.8189	0.0670	5.6211	1.7818	7.4029	3.0326	1.6393	4.6719	0.0000	7,006.8888	7,006.8888	1.2010	0.0000	7,036.9134
2019	25.0099	22.2066	20.0613	0.0357	0.6660	1.3011	1.9671	0.1778	1.2233	1.4010	0.0000	3,481.7559	3,481.7559	0.6685	0.0000	3,498.4695
<b>Maximum</b>	<b>25.0099</b>	<b>44.8691</b>	<b>20.8189</b>	<b>0.0670</b>	<b>5.6211</b>	<b>1.7818</b>	<b>7.4029</b>	<b>3.0326</b>	<b>1.6393</b>	<b>4.6719</b>	<b>0.0000</b>	<b>7,006.8888</b>	<b>7,006.8888</b>	<b>1.2010</b>	<b>0.0000</b>	<b>7,036.9134</b>

## Oakmont - 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	51.31	0.00	41.42	53.14	0.00	37.48	0.00	0.00	0.00	0.00	0.00	0.00

Oakmont - 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	1.7228	0.0896	6.3082	4.4000e-004		0.0359	0.0359		0.0359	0.0359	0.0000	32.4665	32.4665	0.0115	3.9000e-004	32.8693
Energy	0.0315	0.2695	0.1147	1.7200e-003		0.0218	0.0218		0.0218	0.0218		344.0822	344.0822	6.5900e-003	6.3100e-003	346.1269
Mobile	0.4780	2.2214	6.5830	0.0201	1.5133	0.0226	1.5359	0.4051	0.0212	0.4263		2,039.1598	2,039.1598	0.1165		2,042.0715
<b>Total</b>	<b>2.2323</b>	<b>2.5805</b>	<b>13.0059</b>	<b>0.0223</b>	<b>1.5133</b>	<b>0.0803</b>	<b>1.5935</b>	<b>0.4051</b>	<b>0.0789</b>	<b>0.4840</b>	<b>0.0000</b>	<b>2,415.7084</b>	<b>2,415.7084</b>	<b>0.1346</b>	<b>6.7000e-003</b>	<b>2,421.0677</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	1.7228	0.0896	6.3082	4.4000e-004		0.0359	0.0359		0.0359	0.0359	0.0000	32.4665	32.4665	0.0115	3.9000e-004	32.8693
Energy	0.0315	0.2695	0.1147	1.7200e-003		0.0218	0.0218		0.0218	0.0218		344.0822	344.0822	6.5900e-003	6.3100e-003	346.1269
Mobile	0.4780	2.2214	6.5830	0.0201	1.5133	0.0226	1.5359	0.4051	0.0212	0.4263		2,039.1598	2,039.1598	0.1165		2,042.0715
<b>Total</b>	<b>2.2323</b>	<b>2.5805</b>	<b>13.0059</b>	<b>0.0223</b>	<b>1.5133</b>	<b>0.0803</b>	<b>1.5935</b>	<b>0.4051</b>	<b>0.0789</b>	<b>0.4840</b>	<b>0.0000</b>	<b>2,415.7084</b>	<b>2,415.7084</b>	<b>0.1346</b>	<b>6.7000e-003</b>	<b>2,421.0677</b>

## Oakmont - 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	7/2/2018	7/1/2018	5	0	
2	Site Preparation	Site Preparation	7/2/2018	7/13/2018	5	10	
3	Grading	Grading	7/14/2018	8/6/2018	5	16	
4	Building Construction	Building Construction	8/7/2018	6/24/2019	5	230	
5	Paving	Paving	6/25/2019	7/18/2019	5	18	
6	Architectural Coating	Architectural Coating	7/19/2019	8/13/2019	5	18	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 4**

**Acres of Paving: 0**

**Residential Indoor: 143,816; Residential Outdoor: 47,939; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)**

#### OffRoad Equipment

## Oakmont - Los Angeles-South Coast County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	0.00	81	0.73
Demolition	Excavators	0	0.00	158	0.38
Demolition	Rubber Tired Dozers	0	0.00	247	0.40
Site Preparation	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**







Oakmont - Los Angeles-South Coast County, Summer

**3.2 Demolition - 2018**

**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	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	0.0000	0.0000
Worker	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	0.0000	0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**3.3 Site Preparation - 2018**

**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					12.0442	0.0000	12.0442	6.6205	0.0000	6.6205			0.0000			0.0000
Off-Road	3.1305	33.0091	15.7631	0.0264		1.7800	1.7800		1.6376	1.6376		2,658.6746	2,658.6746	0.8277		2,679.3666
<b>Total</b>	<b>3.1305</b>	<b>33.0091</b>	<b>15.7631</b>	<b>0.0264</b>	<b>12.0442</b>	<b>1.7800</b>	<b>13.8242</b>	<b>6.6205</b>	<b>1.6376</b>	<b>8.2581</b>		<b>2,658.6746</b>	<b>2,658.6746</b>	<b>0.8277</b>		<b>2,679.3666</b>

Oakmont - Los Angeles-South Coast County, Summer

**3.3 Site Preparation - 2018**

**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	0.0995	0.0751	0.9721	2.2700e-003	0.2012	1.7900e-003	0.2030	0.0534	1.6500e-003	0.0550		225.6642	225.6642	8.4600e-003		225.8758
<b>Total</b>	<b>0.0995</b>	<b>0.0751</b>	<b>0.9721</b>	<b>2.2700e-003</b>	<b>0.2012</b>	<b>1.7900e-003</b>	<b>0.2030</b>	<b>0.0534</b>	<b>1.6500e-003</b>	<b>0.0550</b>		<b>225.6642</b>	<b>225.6642</b>	<b>8.4600e-003</b>		<b>225.8758</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					5.4199	0.0000	5.4199	2.9792	0.0000	2.9792			0.0000			0.0000
Off-Road	3.1305	33.0091	15.7631	0.0264		1.7800	1.7800		1.6376	1.6376	0.0000	2,658.6746	2,658.6746	0.8277		2,679.3666
<b>Total</b>	<b>3.1305</b>	<b>33.0091</b>	<b>15.7631</b>	<b>0.0264</b>	<b>5.4199</b>	<b>1.7800</b>	<b>7.1999</b>	<b>2.9792</b>	<b>1.6376</b>	<b>4.6168</b>	<b>0.0000</b>	<b>2,658.6746</b>	<b>2,658.6746</b>	<b>0.8277</b>		<b>2,679.3666</b>

Oakmont - Los Angeles-South Coast County, Summer

**3.3 Site Preparation - 2018**

**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	0.0995	0.0751	0.9721	2.2700e-003	0.2012	1.7900e-003	0.2030	0.0534	1.6500e-003	0.0550		225.6642	225.6642	8.4600e-003		225.8758
<b>Total</b>	<b>0.0995</b>	<b>0.0751</b>	<b>0.9721</b>	<b>2.2700e-003</b>	<b>0.2012</b>	<b>1.7900e-003</b>	<b>0.2030</b>	<b>0.0534</b>	<b>1.6500e-003</b>	<b>0.0550</b>		<b>225.6642</b>	<b>225.6642</b>	<b>8.4600e-003</b>		<b>225.8758</b>

**3.4 Grading - 2018**

**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					6.3268	0.0000	6.3268	3.3449	0.0000	3.3449			0.0000			0.0000
Off-Road	2.7733	30.6725	16.5770	0.0297		1.5513	1.5513		1.4272	1.4272		2,988.0216	2,988.0216	0.9302		3,011.2769
<b>Total</b>	<b>2.7733</b>	<b>30.6725</b>	<b>16.5770</b>	<b>0.0297</b>	<b>6.3268</b>	<b>1.5513</b>	<b>7.8781</b>	<b>3.3449</b>	<b>1.4272</b>	<b>4.7721</b>		<b>2,988.0216</b>	<b>2,988.0216</b>	<b>0.9302</b>		<b>3,011.2769</b>

Oakmont - Los Angeles-South Coast County, Summer

**3.4 Grading - 2018**

**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	0.4343	14.1341	2.9246	0.0355	0.7649	0.0538	0.8187	0.2097	0.0514	0.2611		3,830.8137	3,830.8137	0.2637		3,837.4067
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	0.0829	0.0625	0.8101	1.8900e-003	0.1677	1.4900e-003	0.1692	0.0445	1.3800e-003	0.0458		188.0535	188.0535	7.0500e-003		188.2298
<b>Total</b>	<b>0.5171</b>	<b>14.1966</b>	<b>3.7347</b>	<b>0.0374</b>	<b>0.9326</b>	<b>0.0553</b>	<b>0.9878</b>	<b>0.2541</b>	<b>0.0528</b>	<b>0.3069</b>		<b>4,018.8672</b>	<b>4,018.8672</b>	<b>0.2708</b>		<b>4,025.6365</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					2.8471	0.0000	2.8471	1.5052	0.0000	1.5052			0.0000			0.0000
Off-Road	2.7733	30.6725	16.5770	0.0297		1.5513	1.5513		1.4272	1.4272	0.0000	2,988.0216	2,988.0216	0.9302		3,011.2769
<b>Total</b>	<b>2.7733</b>	<b>30.6725</b>	<b>16.5770</b>	<b>0.0297</b>	<b>2.8471</b>	<b>1.5513</b>	<b>4.3984</b>	<b>1.5052</b>	<b>1.4272</b>	<b>2.9324</b>	<b>0.0000</b>	<b>2,988.0216</b>	<b>2,988.0216</b>	<b>0.9302</b>		<b>3,011.2769</b>

Oakmont - Los Angeles-South Coast County, Summer

**3.4 Grading - 2018**

**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	0.4343	14.1341	2.9246	0.0355	0.7649	0.0538	0.8187	0.2097	0.0514	0.2611		3,830.8137	3,830.8137	0.2637		3,837.4067
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	0.0829	0.0625	0.8101	1.8900e-003	0.1677	1.4900e-003	0.1692	0.0445	1.3800e-003	0.0458		188.0535	188.0535	7.0500e-003		188.2298
<b>Total</b>	<b>0.5171</b>	<b>14.1966</b>	<b>3.7347</b>	<b>0.0374</b>	<b>0.9326</b>	<b>0.0553</b>	<b>0.9878</b>	<b>0.2541</b>	<b>0.0528</b>	<b>0.3069</b>		<b>4,018.8672</b>	<b>4,018.8672</b>	<b>0.2708</b>		<b>4,025.6365</b>

**3.5 Building Construction - 2018**

**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	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.9351	2,620.9351	0.6421		2,636.9883
<b>Total</b>	<b>2.6795</b>	<b>23.3900</b>	<b>17.5804</b>	<b>0.0269</b>		<b>1.4999</b>	<b>1.4999</b>		<b>1.4099</b>	<b>1.4099</b>		<b>2,620.9351</b>	<b>2,620.9351</b>	<b>0.6421</b>		<b>2,636.9883</b>

Oakmont - Los Angeles-South Coast County, Summer

**3.5 Building Construction - 2018**

**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	0.0368	0.9805	0.2681	2.1100e-003	0.0512	6.9100e-003	0.0581	0.0148	6.6100e-003	0.0214		225.3435	225.3435	0.0148		225.7145
Worker	0.3039	0.2293	2.9704	6.9300e-003	0.6148	5.4800e-003	0.6203	0.1630	5.0500e-003	0.1681		689.5294	689.5294	0.0259		690.1760
<b>Total</b>	<b>0.3407</b>	<b>1.2098</b>	<b>3.2385</b>	<b>9.0400e-003</b>	<b>0.6660</b>	<b>0.0124</b>	<b>0.6784</b>	<b>0.1778</b>	<b>0.0117</b>	<b>0.1895</b>		<b>914.8729</b>	<b>914.8729</b>	<b>0.0407</b>		<b>915.8904</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	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099	0.0000	2,620.9351	2,620.9351	0.6421		2,636.9883
<b>Total</b>	<b>2.6795</b>	<b>23.3900</b>	<b>17.5804</b>	<b>0.0269</b>		<b>1.4999</b>	<b>1.4999</b>		<b>1.4099</b>	<b>1.4099</b>	<b>0.0000</b>	<b>2,620.9351</b>	<b>2,620.9351</b>	<b>0.6421</b>		<b>2,636.9883</b>



Oakmont - Los Angeles-South Coast County, Summer

**3.5 Building Construction - 2018**

**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	0.0368	0.9805	0.2681	2.1100e-003	0.0512	6.9100e-003	0.0581	0.0148	6.6100e-003	0.0214		225.3435	225.3435	0.0148		225.7145
Worker	0.3039	0.2293	2.9704	6.9300e-003	0.6148	5.4800e-003	0.6203	0.1630	5.0500e-003	0.1681		689.5294	689.5294	0.0259		690.1760
<b>Total</b>	<b>0.3407</b>	<b>1.2098</b>	<b>3.2385</b>	<b>9.0400e-003</b>	<b>0.6660</b>	<b>0.0124</b>	<b>0.6784</b>	<b>0.1778</b>	<b>0.0117</b>	<b>0.1895</b>		<b>914.8729</b>	<b>914.8729</b>	<b>0.0407</b>		<b>915.8904</b>

**3.5 Building Construction - 2019**

**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	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635
<b>Total</b>	<b>2.3612</b>	<b>21.0788</b>	<b>17.1638</b>	<b>0.0269</b>		<b>1.2899</b>	<b>1.2899</b>		<b>1.2127</b>	<b>1.2127</b>		<b>2,591.5802</b>	<b>2,591.5802</b>	<b>0.6313</b>		<b>2,607.3635</b>

Oakmont - Los Angeles-South Coast County, Summer

**3.5 Building Construction - 2019**

**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	0.0332	0.9258	0.2457	2.0900e-003	0.0512	5.9000e-003	0.0571	0.0148	5.6500e-003	0.0204		223.0517	223.0517	0.0143		223.4090
Worker	0.2748	0.2019	2.6519	6.7000e-003	0.6148	5.3000e-003	0.6201	0.1630	4.8800e-003	0.1679		667.1241	667.1241	0.0229		667.6970
<b>Total</b>	<b>0.3080</b>	<b>1.1278</b>	<b>2.8976</b>	<b>8.7900e-003</b>	<b>0.6660</b>	<b>0.0112</b>	<b>0.6772</b>	<b>0.1778</b>	<b>0.0105</b>	<b>0.1883</b>		<b>890.1758</b>	<b>890.1758</b>	<b>0.0372</b>		<b>891.1060</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	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635
<b>Total</b>	<b>2.3612</b>	<b>21.0788</b>	<b>17.1638</b>	<b>0.0269</b>		<b>1.2899</b>	<b>1.2899</b>		<b>1.2127</b>	<b>1.2127</b>	<b>0.0000</b>	<b>2,591.5802</b>	<b>2,591.5802</b>	<b>0.6313</b>		<b>2,607.3635</b>

Oakmont - Los Angeles-South Coast County, Summer

**3.5 Building Construction - 2019**

**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	0.0332	0.9258	0.2457	2.0900e-003	0.0512	5.9000e-003	0.0571	0.0148	5.6500e-003	0.0204		223.0517	223.0517	0.0143		223.4090
Worker	0.2748	0.2019	2.6519	6.7000e-003	0.6148	5.3000e-003	0.6201	0.1630	4.8800e-003	0.1679		667.1241	667.1241	0.0229		667.6970
<b>Total</b>	<b>0.3080</b>	<b>1.1278</b>	<b>2.8976</b>	<b>8.7900e-003</b>	<b>0.6660</b>	<b>0.0112</b>	<b>0.6772</b>	<b>0.1778</b>	<b>0.0105</b>	<b>0.1883</b>		<b>890.1758</b>	<b>890.1758</b>	<b>0.0372</b>		<b>891.1060</b>

**3.6 Paving - 2019**

**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	1.2679	12.7604	12.3130	0.0189		0.7196	0.7196		0.6637	0.6637		1,843.3191	1,843.3191	0.5671		1,857.4966
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.2679</b>	<b>12.7604</b>	<b>12.3130</b>	<b>0.0189</b>		<b>0.7196</b>	<b>0.7196</b>		<b>0.6637</b>	<b>0.6637</b>		<b>1,843.3191</b>	<b>1,843.3191</b>	<b>0.5671</b>		<b>1,857.4966</b>

Oakmont - Los Angeles-South Coast County, Summer

**3.6 Paving - 2019**

**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	0.0999	0.0734	0.9643	2.4400e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		242.5906	242.5906	8.3300e-003		242.7989
<b>Total</b>	<b>0.0999</b>	<b>0.0734</b>	<b>0.9643</b>	<b>2.4400e-003</b>	<b>0.2236</b>	<b>1.9300e-003</b>	<b>0.2255</b>	<b>0.0593</b>	<b>1.7800e-003</b>	<b>0.0611</b>		<b>242.5906</b>	<b>242.5906</b>	<b>8.3300e-003</b>		<b>242.7989</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	1.2679	12.7604	12.3130	0.0189		0.7196	0.7196		0.6637	0.6637	0.0000	1,843.3191	1,843.3191	0.5671		1,857.4966
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.2679</b>	<b>12.7604</b>	<b>12.3130</b>	<b>0.0189</b>		<b>0.7196</b>	<b>0.7196</b>		<b>0.6637</b>	<b>0.6637</b>	<b>0.0000</b>	<b>1,843.3191</b>	<b>1,843.3191</b>	<b>0.5671</b>		<b>1,857.4966</b>

Oakmont - Los Angeles-South Coast County, Summer

**3.6 Paving - 2019**

**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	0.0999	0.0734	0.9643	2.4400e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		242.5906	242.5906	8.3300e-003		242.7989
<b>Total</b>	<b>0.0999</b>	<b>0.0734</b>	<b>0.9643</b>	<b>2.4400e-003</b>	<b>0.2236</b>	<b>1.9300e-003</b>	<b>0.2255</b>	<b>0.0593</b>	<b>1.7800e-003</b>	<b>0.0611</b>		<b>242.5906</b>	<b>242.5906</b>	<b>8.3300e-003</b>		<b>242.7989</b>

**3.7 Architectural Coating - 2019**

**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	24.6885					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
<b>Total</b>	<b>24.9549</b>	<b>1.8354</b>	<b>1.8413</b>	<b>2.9700e-003</b>		<b>0.1288</b>	<b>0.1288</b>		<b>0.1288</b>	<b>0.1288</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0238</b>		<b>282.0423</b>

Oakmont - Los Angeles-South Coast County, Summer

**3.7 Architectural Coating - 2019**

**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	0.0550	0.0404	0.5304	1.3400e-003	0.1230	1.0600e-003	0.1240	0.0326	9.8000e-004	0.0336		133.4248	133.4248	4.5800e-003		133.5394
<b>Total</b>	<b>0.0550</b>	<b>0.0404</b>	<b>0.5304</b>	<b>1.3400e-003</b>	<b>0.1230</b>	<b>1.0600e-003</b>	<b>0.1240</b>	<b>0.0326</b>	<b>9.8000e-004</b>	<b>0.0336</b>		<b>133.4248</b>	<b>133.4248</b>	<b>4.5800e-003</b>		<b>133.5394</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	24.6885					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423
<b>Total</b>	<b>24.9549</b>	<b>1.8354</b>	<b>1.8413</b>	<b>2.9700e-003</b>		<b>0.1288</b>	<b>0.1288</b>		<b>0.1288</b>	<b>0.1288</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0238</b>		<b>282.0423</b>

Oakmont - Los Angeles-South Coast County, Summer

**3.7 Architectural Coating - 2019**

**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	0.0550	0.0404	0.5304	1.3400e-003	0.1230	1.0600e-003	0.1240	0.0326	9.8000e-004	0.0336		133.4248	133.4248	4.5800e-003		133.5394
<b>Total</b>	<b>0.0550</b>	<b>0.0404</b>	<b>0.5304</b>	<b>1.3400e-003</b>	<b>0.1230</b>	<b>1.0600e-003</b>	<b>0.1240</b>	<b>0.0326</b>	<b>9.8000e-004</b>	<b>0.0336</b>		<b>133.4248</b>	<b>133.4248</b>	<b>4.5800e-003</b>		<b>133.5394</b>

**4.0 Operational Detail - Mobile**

---

**4.1 Mitigation Measures Mobile**

Oakmont - 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	0.4780	2.2214	6.5830	0.0201	1.5133	0.0226	1.5359	0.4051	0.0212	0.4263		2,039.1598	2,039.1598	0.1165		2,042.0715
Unmitigated	0.4780	2.2214	6.5830	0.0201	1.5133	0.0226	1.5359	0.4051	0.0212	0.4263		2,039.1598	2,039.1598	0.1165		2,042.0715

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Congregate Care (Assisted Living)	208.24	167.20	185.44	680,423	680,423
Total	208.24	167.20	185.44	680,423	680,423

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
Congregate Care (Assisted Living)	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Congregate Care (Assisted Living)	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925

5.0 Energy Detail

---



Oakmont - Los Angeles-South Coast County, Summer

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

	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					
NaturalGas Mitigated	0.0315	0.2695	0.1147	1.7200e-003		0.0218	0.0218		0.0218	0.0218		344.0822	344.0822	6.5900e-003	6.3100e-003	346.1269
NaturalGas Unmitigated	0.0315	0.2695	0.1147	1.7200e-003		0.0218	0.0218		0.0218	0.0218		344.0822	344.0822	6.5900e-003	6.3100e-003	346.1269

**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					
Congregate Care (Assisted Living)	2924.7	0.0315	0.2695	0.1147	1.7200e-003		0.0218	0.0218		0.0218	0.0218		344.0822	344.0822	6.5900e-003	6.3100e-003	346.1269
<b>Total</b>		<b>0.0315</b>	<b>0.2695</b>	<b>0.1147</b>	<b>1.7200e-003</b>		<b>0.0218</b>	<b>0.0218</b>		<b>0.0218</b>	<b>0.0218</b>		<b>344.0822</b>	<b>344.0822</b>	<b>6.5900e-003</b>	<b>6.3100e-003</b>	<b>346.1269</b>

Oakmont - Los Angeles-South Coast County, Summer

**5.2 Energy by Land Use - Natural Gas**

**Mitigated**

	Natural Gas 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					
Congregate Care (Assisted Living)	2.9247	0.0315	0.2695	0.1147	1.7200e-003		0.0218	0.0218		0.0218	0.0218		344.0822	344.0822	6.5900e-003	6.3100e-003	346.1269
<b>Total</b>		<b>0.0315</b>	<b>0.2695</b>	<b>0.1147</b>	<b>1.7200e-003</b>		<b>0.0218</b>	<b>0.0218</b>		<b>0.0218</b>	<b>0.0218</b>		<b>344.0822</b>	<b>344.0822</b>	<b>6.5900e-003</b>	<b>6.3100e-003</b>	<b>346.1269</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	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	1.7228	0.0896	6.3082	4.4000e-004		0.0359	0.0359		0.0359	0.0359	0.0000	32.4665	32.4665	0.0115	3.9000e-004	32.8693
Unmitigated	1.7228	0.0896	6.3082	4.4000e-004		0.0359	0.0359		0.0359	0.0359	0.0000	32.4665	32.4665	0.0115	3.9000e-004	32.8693

Oakmont - Los Angeles-South Coast County, Summer

**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	0.1218					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4062					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.9400e-003	0.0166	7.0600e-003	1.1000e-004		1.3400e-003	1.3400e-003		1.3400e-003	1.3400e-003	0.0000	21.1765	21.1765	4.1000e-004	3.9000e-004	21.3023
Landscaping	0.1929	0.0730	6.3012	3.3000e-004		0.0345	0.0345		0.0345	0.0345		11.2900	11.2900	0.0111		11.5670
<b>Total</b>	<b>1.7228</b>	<b>0.0896</b>	<b>6.3082</b>	<b>4.4000e-004</b>		<b>0.0359</b>	<b>0.0359</b>		<b>0.0359</b>	<b>0.0359</b>	<b>0.0000</b>	<b>32.4665</b>	<b>32.4665</b>	<b>0.0115</b>	<b>3.9000e-004</b>	<b>32.8693</b>

Oakmont - 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	0.1218					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4062					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.9400e-003	0.0166	7.0600e-003	1.1000e-004		1.3400e-003	1.3400e-003		1.3400e-003	1.3400e-003	0.0000	21.1765	21.1765	4.1000e-004	3.9000e-004	21.3023
Landscaping	0.1929	0.0730	6.3012	3.3000e-004		0.0345	0.0345		0.0345	0.0345		11.2900	11.2900	0.0111		11.5670
<b>Total</b>	<b>1.7228</b>	<b>0.0896</b>	<b>6.3082</b>	<b>4.4000e-004</b>		<b>0.0359</b>	<b>0.0359</b>		<b>0.0359</b>	<b>0.0359</b>	<b>0.0000</b>	<b>32.4665</b>	<b>32.4665</b>	<b>0.0115</b>	<b>3.9000e-004</b>	<b>32.8693</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	-----------	-------------	-------------	-----------

**10.0 Stationary Equipment**

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Oakmont - Los Angeles-South Coast County, Summer

**Fire Pumps and Emergency Generators**

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

**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

**User Defined Equipment**

Equipment Type	Number
----------------	--------

**11.0 Vegetation**

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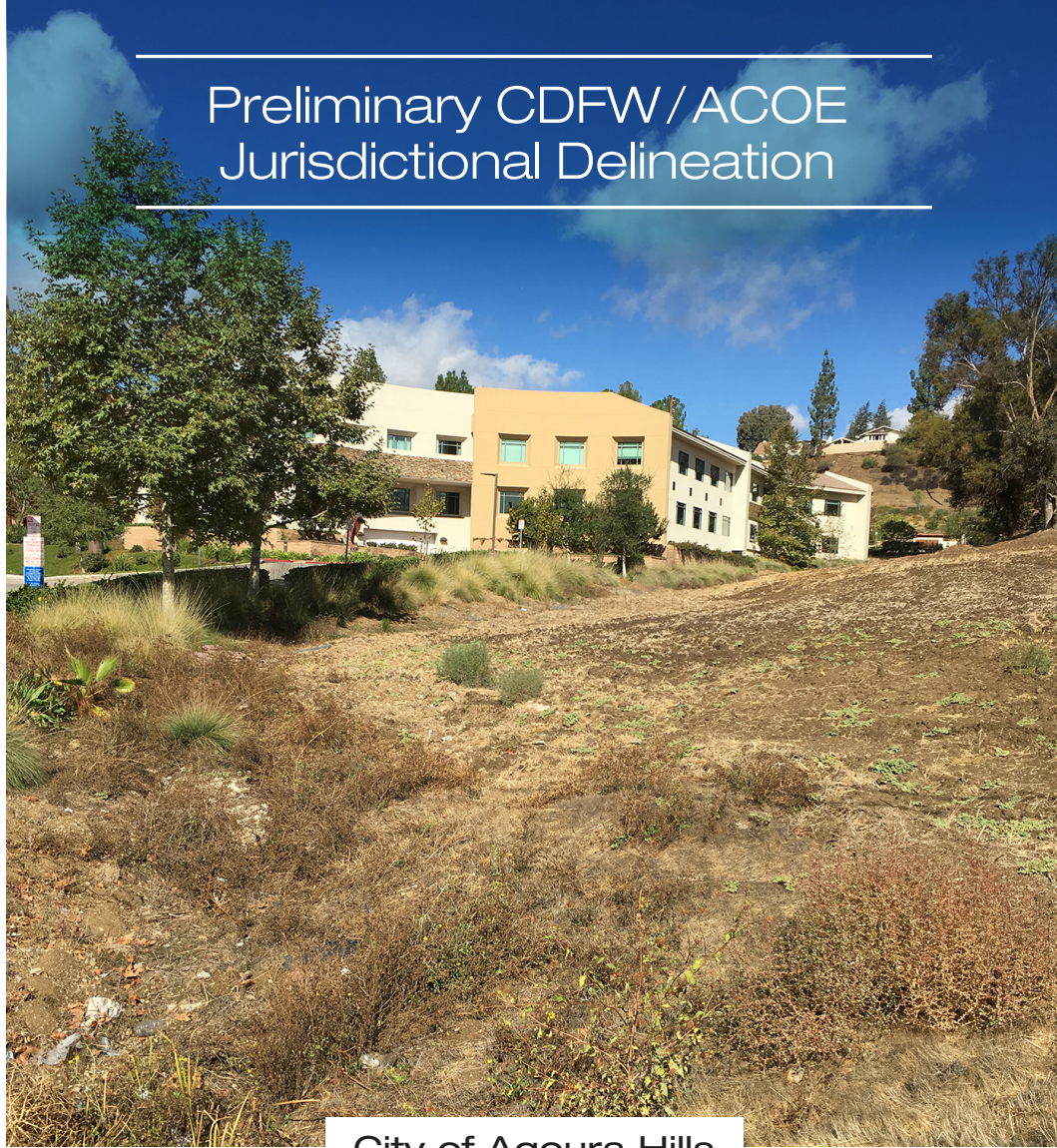
**Preliminary  
CDFW and ACOE  
Jurisdictional  
Delineation**

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**APPENDIX D1**

# Oakmont of Agoura Hills

## Preliminary CDFW/ACOE Jurisdictional Delineation



City of Agoura Hills

PREPARED FOR:

### City of Agoura Hills

3000 Ladyface Court  
Agoura Hills, CA 91301  
Attn: Ms. Allison Cook  
(818) 597-7310

PREPARED BY:

**envicom**  
CORPORATION

4165 E. Thousand Oaks Blvd., Suite 290  
Westlake Village, California 91362  
Attn: Mr. Tyler Barns, Project Manager  
(818) 879-4700

August 18, 2017

**PRELIMINARY CDFW/ACOE  
JURISDICTIONAL DELINEATION**

**Oakmont of Agoura Hills Project**

*City of Agoura Hills  
Santa Monica Mountains,  
County of Los Angeles, California*

---

*Prepared for:*

**CITY OF AGOURA HILLS**

3000 Ladyface Court  
Agoura Hills, CA 91301  
Attn: Ms. Allison Cook  
(818) 597-7310

*Prepared by:*

**ENVICOM CORPORATION**

4165 E. Thousand Oaks Boulevard, Suite 290  
Westlake Village, California 91362  
Attn: Mr. Tyler Barns  
(818) 879-4700

August 18, 2017



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<b>2.0 METHODS</b>	6
<b>3.0 DELINEATION RESULTS</b>	12
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**APPENDICES**

Appendix 1	Site Plan, Huitt-Zollars, August 8, 2017
Appendix 2	Wetland Determination Data Forms

## 1.0 INTRODUCTION

### 1.1 Purpose of the Study

The City of Agoura Hills (City) engaged Envicom Corporation (Envicom) to complete a jurisdictional delineation for the proposed Oakmont Of Agoura Hills Project (project) to satisfy the requirements of the California Department of Fish and Wildlife (CDFW) under California Fish and Game Code section 1600 et seq., Regional Water Quality Control Board (RWQCB) Water Quality Certification under Section 401 of the Clean Water Act (CWA), and U.S. Army Corps of Engineers (ACOE) under Section 404 of the CWA.

This report provides a delineation of aquatic features that meet the physical criteria and regulatory definitions of “Waters of the United States” (WOUS) and “Waters of the State of California” (WOS), and associated riparian habitat.

### 1.2 Site Location and Project Description

The project site is a semi-developed lot (APN 2053-001-005) located at 29353 Canwood Street (APN 2053-001-005) immediately north of US Highway 101 between the Reyes Adobe Road and Kanan Road off ramps between the SW 1/4 of Section 21 and the NW 1/4 of Section 28, T1N, R18W (USGS Thousand Oaks 7.5' quadrangle), as shown on **Figure 1, Regional Location Map** and **Figure 2, USGS Project Location**. The approximately 5.75-acre project site is bounded by the Center Court Medical Plaza to the west, private, single-family homes and a large grassy area sit atop a hill to the north. Canwood Street lies immediately south, and undeveloped land lies immediately to the east

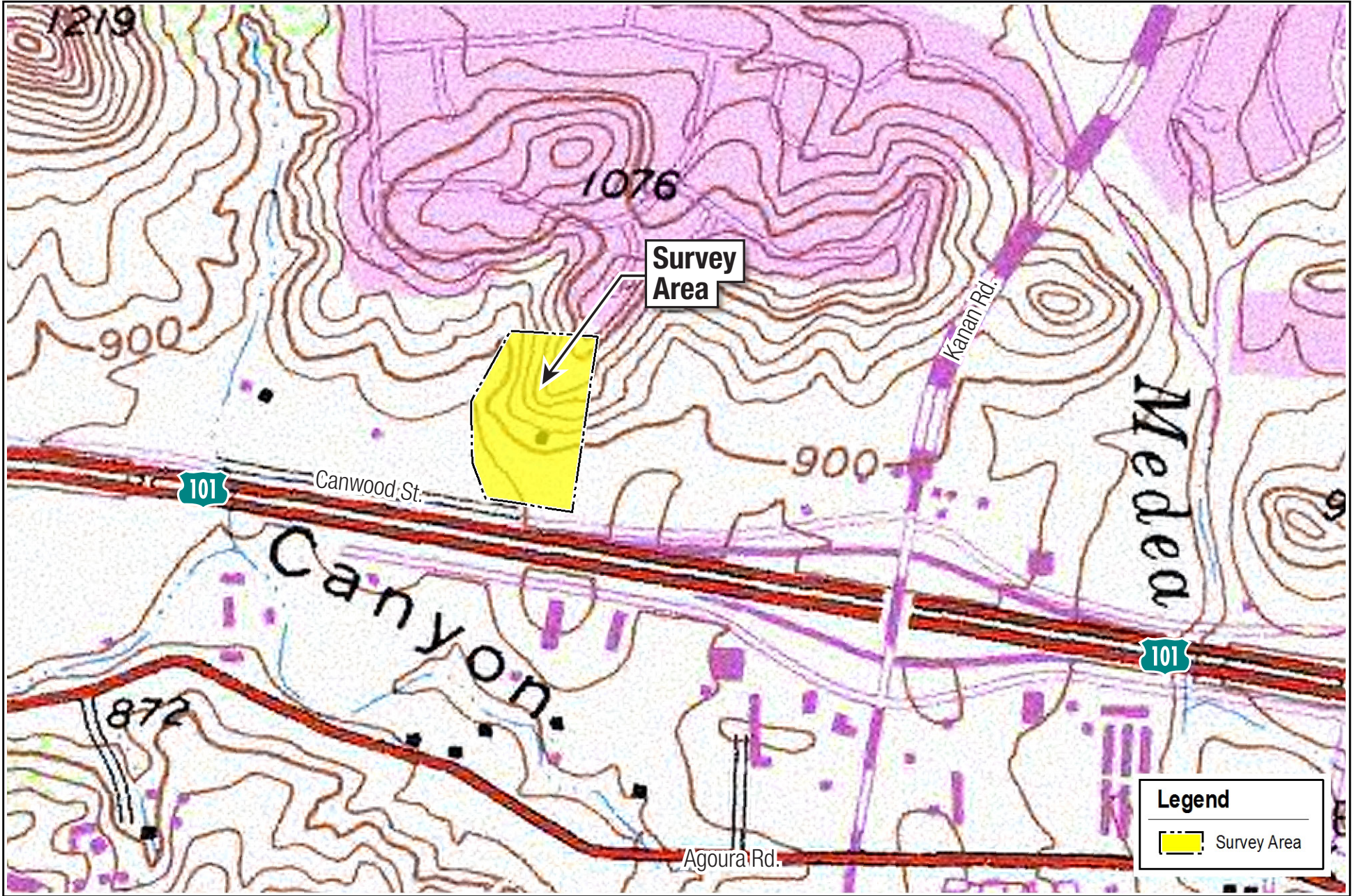
Based on the information provided in the project’s Application, we understand the project includes the construction of a new two-story senior center and associated infrastructure and landscaping and. A site plan prepared by Huitt-Zollars dated August 8, 2017 is provided as **Appendix 1**.

### 1.3 Site and Study Area Characteristics

The project site is situated in the inland foothills of the Santa Monica Mountains at elevations ranging from 880 to 1,000 feet above mean sea level. The eastern portion of the property is generally dry and exposed (south-facing), while the eastern portion of the property supports mesic vegetation associated with the creek. The study area includes the previously delineated ephemeral drainage and the extent of associated riparian canopy along the western portion of the subject parcel.



Source: ESRI Open Street Map background imagery, 2016.



Sources: U.S.G.S. Topographic Quadrangle Map Mosaic.

OAKMONT OF AGOURA HILLS – JURISDICTIONAL DELINEATION REPORT

U.S.G.S. Project Location

envirom

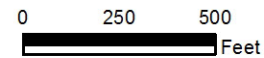


FIGURE 2

An un-named, non-blue line stream drainage traverses north to south through the western portion of the project site, supporting a small, well-developed riparian community. During storm events, drainage from an offsite location may contribute to this developed community via terrace drains leading to the head of the drainage. The riparian woodland consists primarily of coast live oak (*Quercus agrifolia*), valley oak (*Q. lobata*) and arroyo willow (*Salix lasiolepis*). The survey area abuts the Center Court Medical Plaza on the west (**Figure 3, Aerial of the Project Site and View Locations**). Representative photographs to depict site conditions, and those at each soil test pit and plot location are presented in **Figures 4 and 5**.

The U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI) do not list the portion of the drainage within the study area as wetland feature. Nonetheless, because the drainage presumably connects via the culvert under Canwood Street with Medea Creek, a regulated water body south of project site, the portion within the subject property would likely be subject to CDFW, United States Army Corps of Engineers (ACOE), and Regional Water Quality Control Board (RWQCB) regulations.

Average annual precipitation is approximately 18.67 inches per year and runoff from upland areas discharges into the creek and flows south to the Pacific Ocean. Annual average temperature in the vicinity of the study area is 63.8 degrees Fahrenheit (°F). Average low temperature is 55.9°F and average high temperature is 71.7°F (US Climate Data 2016). Total rainfall for the Los Angeles area from January 1, 2016 to September 25, 2016 was approximately 6.57 inches.

### Directions to the Project Site

Directions to the survey area are provided from the ACOE Los Angeles office located at 915 Wilshire Blvd, Los Angeles, California to 29353 Canwood Street.

1. Turn left onto Wilshire Blvd and merge onto I-405 N
2. Merge onto US-101 North toward Ventura, keep left toward Ventura
3. Take Exit 36 onto Kanan Road
4. Continue straight onto Canwood Street
5. Left on North Highland Avenue
6. Continue on Canwood Street for 0.3 miles to the site.

### Contact Information

The City of Agoura Hills is the Lead Agency for permitting and compliance under the California Environmental Quality Act. Contact information for the City and the biological consultant are provided below.

<b>Lead Agency</b>	<b>Biological Consultant</b>
City of Agoura Hills Ms. Allison Cook 3000 Ladyface Court Agoura Hills, CA 91301 Office: (818) 597-7310	Envicom Corporation Tyler Barns 4165 E. Thousand Oaks Boulevard, Suite 290 Westlake Village, CA 91362 Office: (818) 879-4700