

**Architectural  
Plans**

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**APPENDIX A**

# OAKMONT OF AGOURA HILLS

## 29353 CANWOOD STREET, AGOURA HILLS, CALIFORNIA



NOTE: THIS PROJECT IS PRIVATELY FUNDED.

### DRAWING INDEX

A0	TITLE SHEET
R1	RENDERINGS
R2	RENDERINGS
R3	RENDERINGS
R4	RENDERINGS
R5	PHOTO MONTAGE VIEW ACROSS FREEWAY
R6	PHOTO MONTAGE VIEW FROM FREEWAY TO THE EAST
1	COLORED SITE LAYOUT PLAN
2	DETAILS
3	PHOTOMETRIC PLAN
4	NEIGHBORHOOD CONTEXT MAP
FRL-1	CONCEPTUAL PLANTING PLAN W/ FUEL MODIFICATION ZONES
FRL-2	PARKING LOT TREE SHADING PLAN
FRL-3	FUEL MODIFICATION PHOTO MAP
1	OAK TREE MAP
A10	EXTERIOR ELEVATIONS - COLORED
A11	EXTERIOR ELEVATIONS
A12	COURTYARD ELEVATIONS
A21	LOWER FLOOR PLAN
A22	UPPER FLOOR PLAN
A23	ROOF PLAN
A3	BUILDING SECTIONS
A4.1	ACCESSORY STRUCTURES AND MONUMENT SIGN
A4.2	GARAGES
A4.3	CARPORTS
A5	DETAILS
1 OF 3	PRELIMINARY GRADING PLAN COVER
2 OF 3	PRELIMINARY GRADING PLAN
3 OF 3	PRELIMINARY GRADING PLAN A.L.T.A. SURVEY

### CODE ANALYSIS

- OCCUPANCY GROUPS = R2, A-2, A-3, 4 B
  - NON-SEPARATED OCCUPANCIES PER CBC 508.3.2, USE THE ALLOWABLE FOR A-2 AS IT IS THE MOST RESTRICTIVE.
- THESE DOCUMENTS AND THIS PROJECT SHALL CONFORM TO THE FOLLOWING CODES OR CURRENT CODES:
- 2013 CALIFORNIA BUILDING CODE, INCLUDING CHAPTER 11A
  - 2013 CALIFORNIA GREEN BUILDING STANDARDS CODE
  - 2013 CALIFORNIA PLUMBING CODE
  - 2013 CALIFORNIA MECHANICAL CODE
  - 2013 CALIFORNIA ELECTRICAL CODE
  - 2013 CALIFORNIA FIRE CODE
  - 2013 CALIFORNIA ENERGY CODE
- LOT COVERAGE CALCULATION:**
- |                             |   |           |
|-----------------------------|---|-----------|
| PROPERTY SIZE               | = 5.148 ACRES (250,382.88 SQ. FT.)        |           |
| MAIN BUILDING FOOTPRINT     | = 38,188 SQ. FT.                          |           |
| GARAGE/TRASH                | = 19,008 SQ. FT.                          | = 15.25 % |
| CARPORTS                    | = 11,700 SQ. FT.                          | = 0.16 %  |
| TOOL SHED                   | = 50 SQ. FT.                              | = 0.46 %  |
| TOTAL LOT COVERAGE          | = 50 / 250,382.88                         | = 0.02 %  |
| ALLOWABLE AREA CALCULATION: |   |           |
| PROPERTY SIZE               | = 5.148 ACRES (250,382.88 SQ. FT.)        |           |
| BUILDING SIZE               | = 11,020 SQ. FT.                          |           |
| 11,020 / 250,382.88         | = 0.28368 FAR OR 11,020 SQ. FT. ALLOWABLE |           |

### PROJECT DATA

A.P.N.: 2053-001-005  
 CONSTRUCTION TYPE: TYPE VA  
 SPRINKLERS: FULLY SPRINKLERED  
 NUMBER OF STORIES: 2 STORIES  
 BUILDING GROSS AREA: 11,020 SQ. FT.  
 BUILDING HEIGHT: MAXIMUM 30'-4 1/2" - TYPICAL 26'-11"  
 MAIN BUILDING ADDRESS: 29353 CANWOOD STREET, AGOURA HILLS, CA  
 SPRINKLER SYSTEM: NFPA 13  
 RCFE COMMUNITY: R21, A-2, A-3, 4 B  
 ZONING DESIGNATION: BF-OR-FC  
 PROPERTY SIZE: 5.148 ACRES

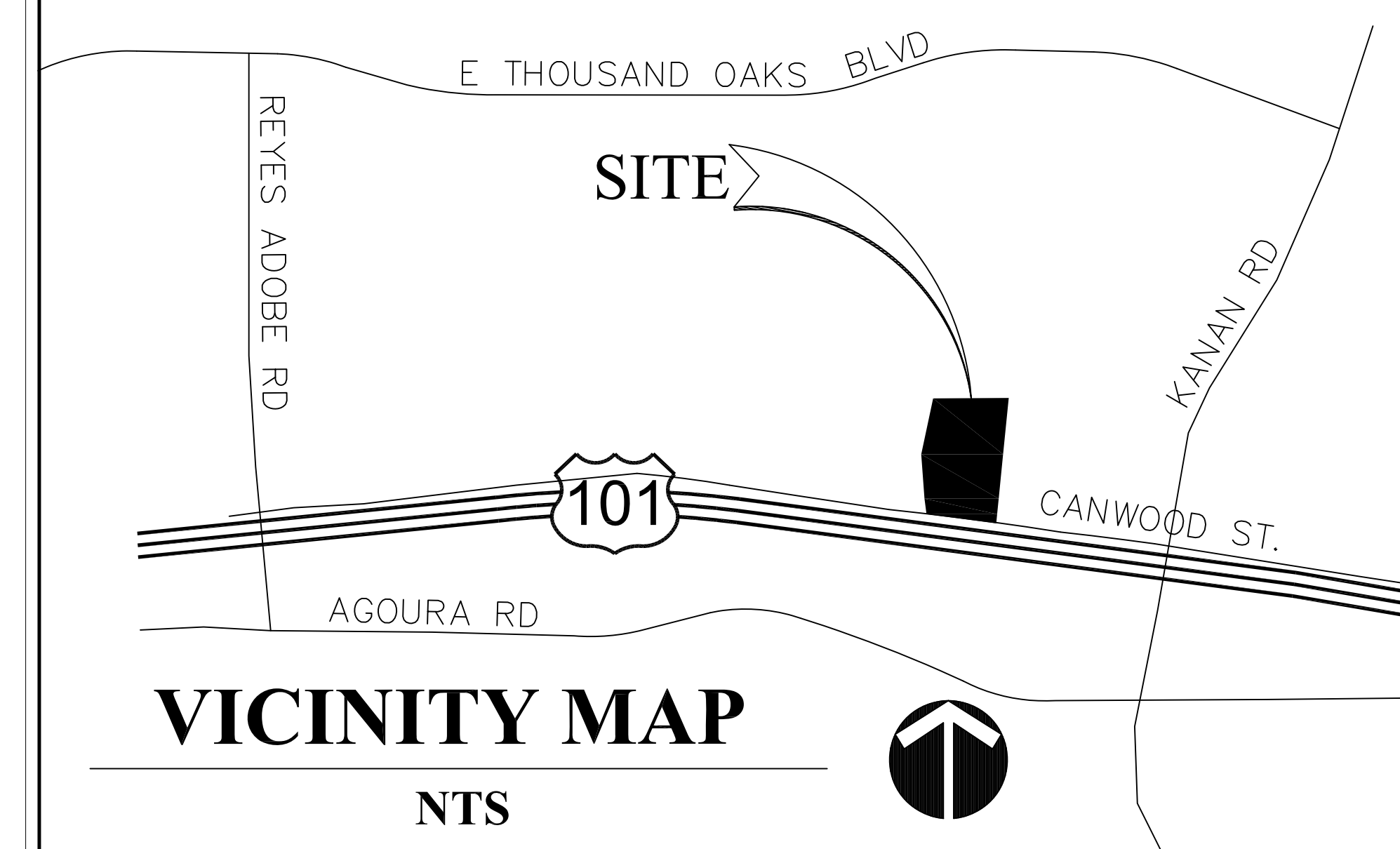
- THE 2013 EDITION OF THE CALIFORNIA BUILDING CODE (CBC)
- THE 2013 EDITION OF THE CALIFORNIA ELECTRICAL CODE (CEC)
- THE 2013 EDITION OF THE CALIFORNIA MECHANICAL CODE (CMC)
- THE 2013 EDITION OF THE CALIFORNIA PLUMBING CODE (CPC)
- THE 2013 EDITION OF THE CALIFORNIA FIRE CODE (CFC)
- THE 2013 EDITION OF THE CALIFORNIA ENERGY CODE
- THE 2013 CALIFORNIA GREEN BUILDING STANDARDS CODE

NOTE: OR CURRENT CODE AT BUILDING DEPARTMENT SUBMITTAL DATE.

### PROJECT NOTES

- SOILS REPORT WILL BE REQUIRED AT TIME OF SUBMITTAL OF PLANS TO THE BUILDING AND SAFETY DEPARTMENT FOR REVIEW
- ALL EXTERIOR MATERIALS USED FOR EAVES, SIDINGS, PORCH, PATIO DECKS, CANOPIES, CARPORT AND OTHER SIMILAR STRUCTURES NEED TO MEET THE VERY HIGH FIRE HAZARD SEVERITY ZONE (VHFHSZ) AS OUTLINED IN CHAPTER 2 OF ARTICLE VIII IN THE AGOURA HILLS MUNICIPAL CODE (A/HMSZ)
- AS PART OF THE PERMITTING PROCESS AND PRIOR TO PERMIT ISSUANCE, TWO (2) COMPLETE SETS OF CONSTRUCTION PLANS, INCLUDING STRUCTURAL, FLOOR PLAN, MECHANICAL, ELECTRICAL, PLUMBING, ENERGY PLANS AND TITLE 24 PLANS WILL NEED TO BE SUBMITTED TO THE BUILDING AND SAFETY DEPARTMENT FOR PLAN REVIEW AND APPROVAL. PLEASE BE ADVISED THAT THIS IS A PRELIMINARY REVIEW AND DOES NOT CONSTITUTE A FINAL BUILDING AND SAFETY APPROVAL
- THIS PROJECT SHALL BE SUBJECT TO THE 2013 CALIFORNIA CODES, UNLESS IT IS SUBMITTED TO THE BUILDING AND SAFETY DEPT. ON OR AFTER JANUARY 1, 2011 AT WHICH POINT IT WILL BE REVIEWED UNDER THE 2016 CALIFORNIA CODES AS ADOPTED BY THE CITY OF AGOURA HILLS.
- LOS ANGELES COUNTY FIRE DEPARTMENT APPROVAL WILL BE REQUIRED
- LOS ANGELES COUNTY HEALTH DEPARTMENT: THIS FACILITY IS EXEMPT PER SECTION 114310 OF THE CALIFORNIA RETAIL FOOD CODE WHICH DEFINES A RESIDENTIAL CARE FACILITY AS "NOT A FOOD FACILITY"
- LAS VIRGENES MUNICIPAL WATER DISTRICT APPROVAL WILL BE REQUIRED
- PLEASE MAKE SURE THAT A PERMIT IS OBTAINED FOR THE DEMOLITION OF THE OLD STRUCTURE AND THE BILL BOARD WHICH ARE LOCATED ON THE SITE
- PLEASE NOTE THAT ALL THE RESIDENTIAL UNITS ARE CONSTRUCTED ADAPTABLE
- ADDED NOTE TO ADJACENT LICENSING STATEMENT
- SEE SHEET 1 BY LANDESIGN FOR ALL EXTERIOR ACCESSIBLE ROUTES. NOTE THAT THE ENTIRE INDOOR FACILITY IS ON AN ACCESSIBLE ROUTE
- SEE SHEET 1 BY LANDESIGN FOR ACCESSIBLE ROUTE SHOWN TO THE PUBLIC WAY
- THE ACCESSIBLE PARKING SPACE LOCATED ACROSS FROM THE TRASH ENCLOSURE IS IN THE ONLY CARPORT ON THE SITE THEREFORE IS REQUIRED AND REMAINS
- 42" HIGH GUARDRAILS ARE REQUIRED WHERE THERE IS AN ADJACENT DROP OF 30' OR MORE. SEE SHEET 1 BY LANDESIGN FOR LOCATIONS
- SEE BY LANDESIGN AND 2 OF 2 GRADING FOR ACCESSIBLE ROUTES PATH MATERIALS AND GRADES
- SEE SHEET 2 OF 2 GRADING FOR SLOPE SETBACK REQUIREMENTS
- PLEASE SEE SHEET 2 OF 2 GRADING FOR DETECTABLE WARNINGS AT ZERO CURB LOCATIONS
- EXISTING BILLBOARD AND EXISTING REMNANT FOUNDATION, SEPTIC TANK AND SEPTIC SYSTEM TO BE REMOVED UNDER SEPARATE PERMIT

### VICINITY MAP



### VICINITY MAP NTS

### UNIT SUMMARY

ASSISTED LIVING						
UNIT #	UNIT TYPE	SQ FTG	1ST FLR	2ND FLR	TOTAL	%
AA	STUDIO	VARIABLES	5	15	20	41.7%
A	STUDIO	VARIABLES	1	4	5	10.5%
A	OPEN ONE BDRM	VARIABLES	-	4	4	8.3%
C	ONE BEDROOM	VARIABLES	3	12	15	31.2%
C-CORNER	TWO BEDROOM	VARIABLES	1	3	4	8.3%
			10	38	48	100.0%
MEMORY CARE						
UNIT #	UNIT TYPE	SQ FTG	1ST FLR	2ND FLR	TOTAL	%
AAZ	STUDIO	VARIABLES	20		20	14.0%
AAZ	COMPANION	VARIABLES	1		1	3.8%
AZ	COMPANION	VARIABLES	6		6	22.2%
			27		27	100.0%
			1ST FLR	2ND FLR	TOTAL	
TOTAL UNITS			37	38	75	
TOTAL SQUARE FOOTAGE			38,188	32,832	71,020	

### LICENSING - RESIDENTIAL CARE FOR THE ELDERLY

21, JUNE 2016  
 BUILDING DEPARTMENT  
 RE: SENIOR LIVING FACILITY

DEAR BUILDING DEPARTMENT OFFICIAL:  
 THE FACILITY WE WILL BE BUILDING AT 29353 CANWOOD STREET, IS A RESIDENTIAL CARE FACILITY FOR THE ELDERLY (RCFE) AND IS LICENSED BY THE DEPARTMENT OF SOCIAL SERVICES, COMMUNITY CARE LICENSING. SPECIFICALLY WE ARE LICENSED UNDER TITLE 22 DIVISION 6, CHAPTER 9. THIS LICENSING CATEGORY ALLOWS US TO HOUSE SENIORS OVER THE AGE OF 62 AND TO AID THEM IN THEIR ACTIVITIES OF DAILY LIVING, INCLUDING MEDICATION REMINDERS, BATHING AND GROOMING ASSIST, AMBULATION ASSIST AND DRESSING ASSIST. IN ADDITION, OUR FACILITIES PROVIDE THREE MEALS PER DAY IN A COMMON DINING ROOM, TRANSPORTATION, HOUSEKEEPING AND ACTIVITIES PROGRAM.

OUR RCFE LICENSE PROHIBITS US FROM HOUSING RESIDENTS WHO ARE IN NEED OF 24 HOUR MEDICAL CARE, ARE COMPLETELY BEDBOUND, OR HAVE THE FOLLOWING MEDICAL CONDITIONS: GASTROSTOMY CARE, NASO-GASTRIC TUBES, TRACHEOTOMIES, STAPH OR OTHER CONTAGIOUS INFECTIONS. MEDS ARE BASED ON A SOCIAL MODEL, AND UNLIKE SKILLED NURSING FACILITIES, DO NOT PROVIDE 24 HOUR MEDICAL CARE. RESTRAINT WILL NOT BE PRACTICED IN THIS FACILITY.

OUR SCOPE OF PRACTICE REGARDING PATIENT CARE WILL INCLUDE ASSISTING WITH RESIDENTS ACTIVITIES OF DAILY LIVING (ADL'S). THIS INCLUDES ASSISTANCE WITH MEDICATIONS, BATHING, DRESSING, INCONTINENCE CARE, ESCORTING AND MEAL REMINDERS.

SINCERELY,  
 GREGG T. WANKE  
 BUILDING DESIGN

### CONSULTANTS

**OWNER**  
 Oakmont Senior Living  
 9240 Old Redwood Hwy  
 Windsor, CA 95492  
 (707) 535-3200 FAX (707) 535-3299

**DESIGNER**  
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 9240 Old Redwood Hwy  
 Windsor, CA 95492  
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**CIVIL ENGINEER**  
 HUITT-ZOLLARS  
 90 E. THOUSAND OAKS BLVD, STE. 201  
 THOUSAND OAKS, CALIFORNIA 91360  
 (805) 418-1802 FAX (805) 418-1819

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 E.G.L.A.  
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 THOUSAND OAKS, CA 91362  
 (805) 379-1175 OR (760) 529-0241

**GEOTECHNICAL ENGINEER**  
 CJH Consultants  
 1355 E. Cooley Drive, Suite C  
 Colton, CA 92324  
 (909) 824-7311 FAX (909) 503-1136

**SITE DESIGN**  
 Landesign Group  
 3344 Gravenstein Highway North  
 Sebastopol, CA 95472  
 (707) 829-2580 FAX (707) 892-3417

ALI IQBAL  
 9240 OLD REDWOOD HWY, SUITE 200  
 WINDSOR, CA 95492  
 PH: (707) 535-3200

OAKMONT  
 Senior Living, LLC

TITLE SHEET  
 OAKMONT OF AGOURA HILLS  
 29353 CANWOOD STREET, AGOURA HILLS, CA 91301

JOB NO:  
 SCALE:  
 DRAWN BY:  
 DATE: MARCH 30, 2016  
 COPYRIGHT

REVISIONS:  
 JUNE 24, 2016  
 SEPT. 01, 2016  
 NOV. 14, 2016  
 DEC. 9, 2016

SHEET NO:  
 A0



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



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



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



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

ALI IQBAL  
770 CONCORDE BLVD.  
SANTA ROSA, CA 95403  
PH: 707-535-3200

OAKMONT  
*Senior Living, LLC*

COLORED ELEVATIONS  
OAKMONT OF AGOURA HILLS  
29353 CANWOOD STREET, AGOURA HILLS, CA

JOB NO:  
SCALE:  
AS SHOWN  
DRAWN BY:  
N. MURRIN  
DATE:  
MARCH 20, 2015  
COPYRIGHT

REVISIONS:  
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Date: Apr 20, 2016 11:38 AM File Path: C:\Users\ali\Documents\Projects\Oakmont\Oakmont.dwg Plot Date: 4/20/2016 11:38 AM



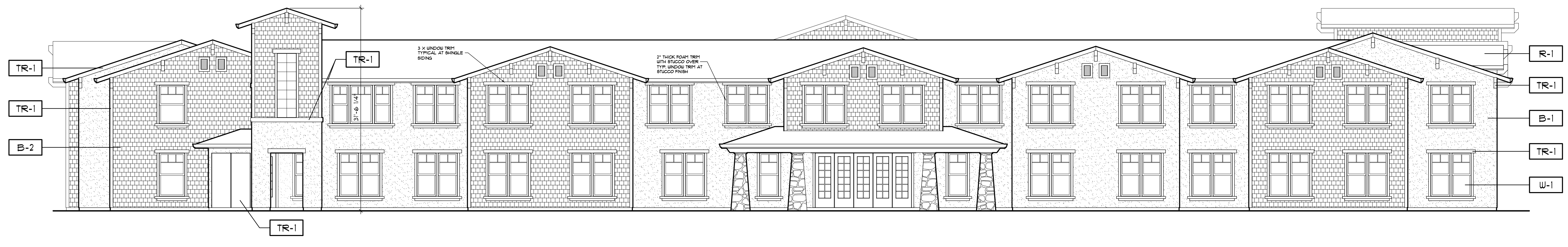
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**SOUTH ELEVATION**  
 SCALE: 1/8" = 1'-0"

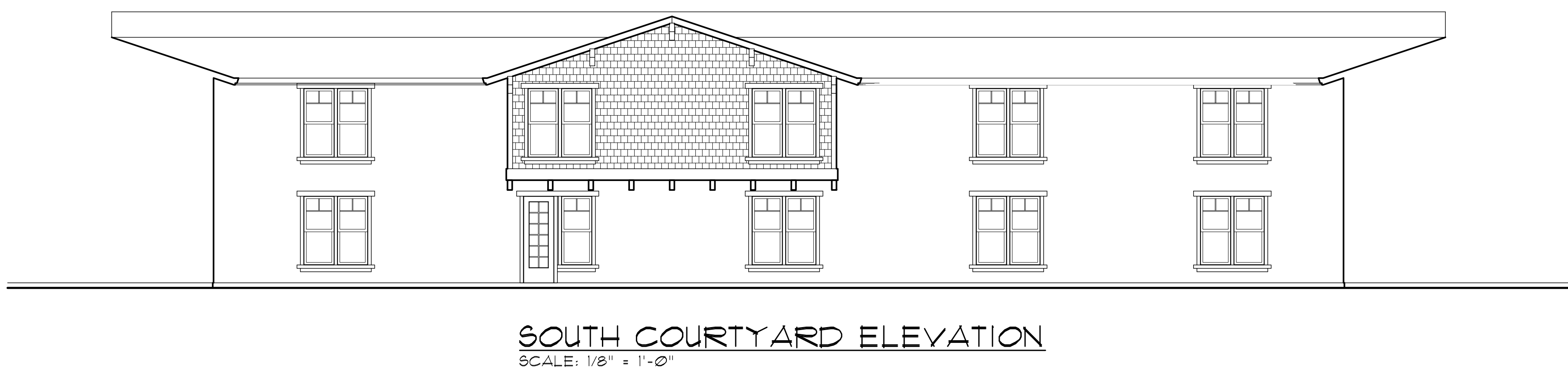


**NORTH ELEVATION**  
 SCALE: 1/8" = 1'-0"



COLOR AND MATERIAL SCHEDULE			
FINISH TAG	SUBJECT	MFR. / MATERIAL	COLOR
R-1	ROOF	"FABCO" 30 YEAR COMPOSITION SHINGLE	WEATHERED WOOD
B-1	BODY	CEMENT PLASTER SAND FINISH	KELLY MOORE #11 SAND PEBBLE
B-2	BODY	"NIGHINA" FIBER CEMENT SHINGLE SIDING	"NIGHINA" COLOR: 10566
TR-1	TRIM	WOOD - VARIES	KELLY MOORE #M9944-5 MOCHA MOUSSE
ST-1	STONE FIELDS	EL DORADO STONE OR EQUAL	CASCADE RUBSTIC LEDGE 10% COUNTRY RUBBLE POLYESTER 30% JOINTS: RAISED GROUT, DAVIS #5 T1 BLB
ST-2	STONE WALL CAPS	EL DORADO STONE OR EQUAL	BUCKSKIN
W-1	WINDOWS	VINYL FRAMES	BROWNSTONE

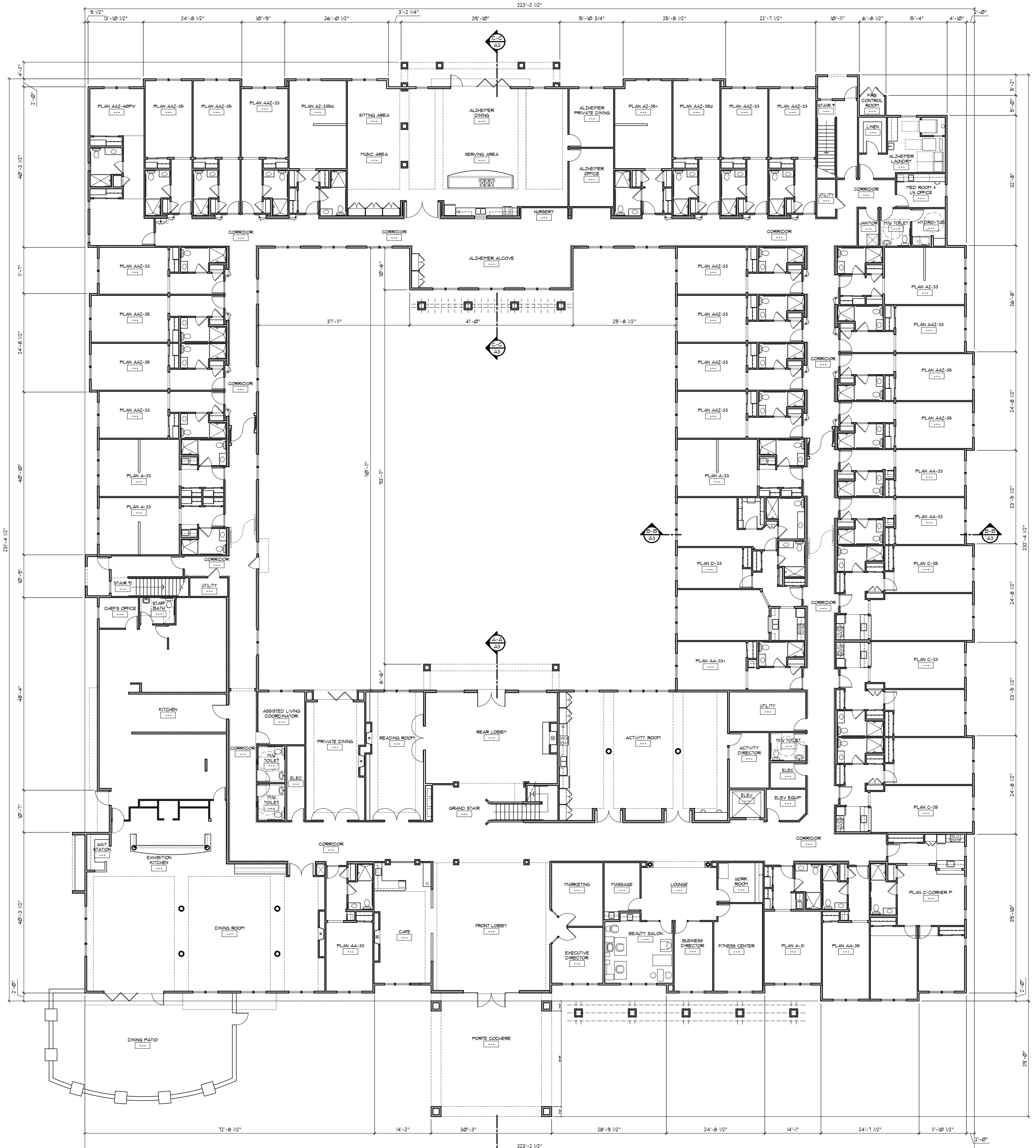
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COLOR AND MATERIAL SCHEDULE			
FINISH TAG	SUBJECT	MFR. / MATERIAL	COLOR
R-1	ROOF	"FABCO" 30 YEAR COMPOSITION SHINGLE	WEATHERED WOOD
B-1	BODY	CEMENT PLASTER SAND FINISH	KELLY MOORE #11 SAND PEBBLE
B-2	BODY	"NIGHIA" FIBER CEMENT SHINGLE SIDING	"NIGHIA" COLOR: 1056
TR-1	TRIM	WOOD - VARIES	KELLY MOORE #M9944-5 MOCHA MOUSSE
ST-1	STONE FIELDS	EL DORADO STONE OR EQUAL	CASCADE RUBSTIC LEDGE 10% COUNTRY RUBBLE POLERIO 30% JOINTS: RAISED GROUT, DAVIS #11 BLE
ST-2	STONE WALL CAPS	EL DORADO STONE OR EQUAL	BUCKSKIN
W-1	WINDOWS	VINYL FRAMES	BROWNSTONE

Date: July 24, 2016 1:48pm File Name: C:\Users\Ali\Documents\Drawings\2016\A12.dwg User: Ali Iqbal

Date: Jun 24, 2016 1:08pm Filename: C:\agoura\1616\1616.dwg Drawing: 1616.dwg User: ali.igbal



**LOWER FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"  
 LOWER FLOOR AREA = 31964 SQ. FT.  
 UPPER FLOOR AREA = 36939 SQ. FT.  
 TOTAL FLOOR AREA = 14903 SQ. FT.

ALI IQBAL  
 ARCHITECT  
 9240 OLD REDWOOD HWY., SUITE 200  
 WINDSOR, CA 95452  
 PH: 101-959-5100

**OAKMONT**  
*Senior Living, LLC*

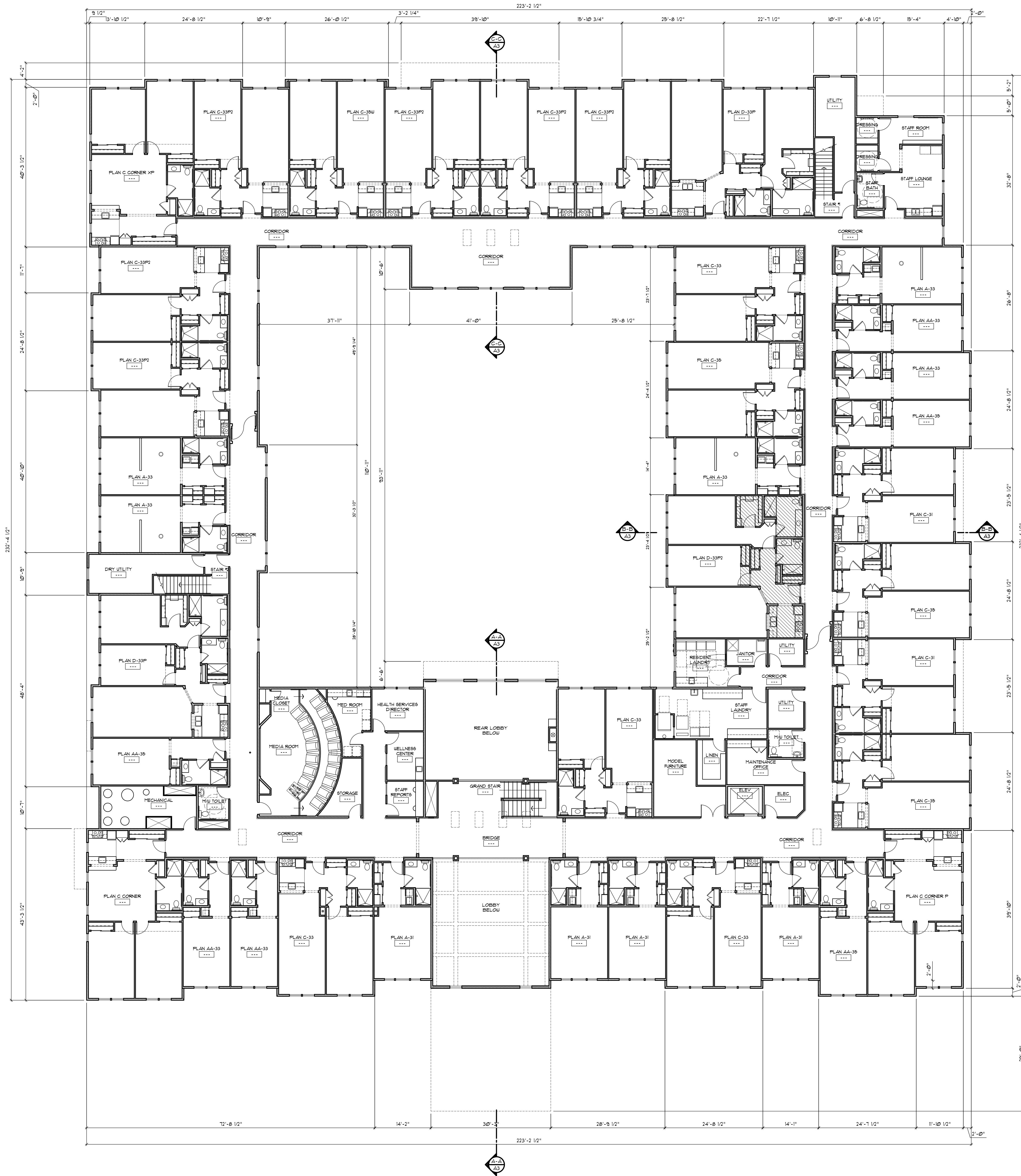
**LOWER FLOOR PLAN**  
 OAKMONT OF AGOURA HILLS  
 23953 CANWOOD STREET, AGOURA HILLS, CA 91301

JOB NO:  
 SCALE: AS SHOWN  
 DRAWN BY: N. MURRYN  
 DATE: MARCH 30, 2015  
 COPYRIGHT

REVISIONS:  
 JUNE 24, 2016

SHEET NO:  
**A2.1**

Date: Jun 24, 2016 1:48:57 PM Project: 23353 - Oakmont of Agoura Hills with existing drawings. Prepared by: mcm



**UPPER FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"  
 LOWER FLOOR AREA = 37,964 SQ. FT.  
 UPPER FLOOR AREA = 36,939 SQ. FT.  
 TOTAL FLOOR AREA = 74,903 SQ. FT.

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 9240 OLD REDWOOD HWY., SUITE 200  
 WINDSOR, CA 95432  
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**OAKMONT**  
*Senior Living, LLC*

**UPPER FLOOR PLAN**  
 OAKMONT OF AGOURA HILLS  
 23353 CANWOOD STREET, AGOURA HILLS, CA 91301

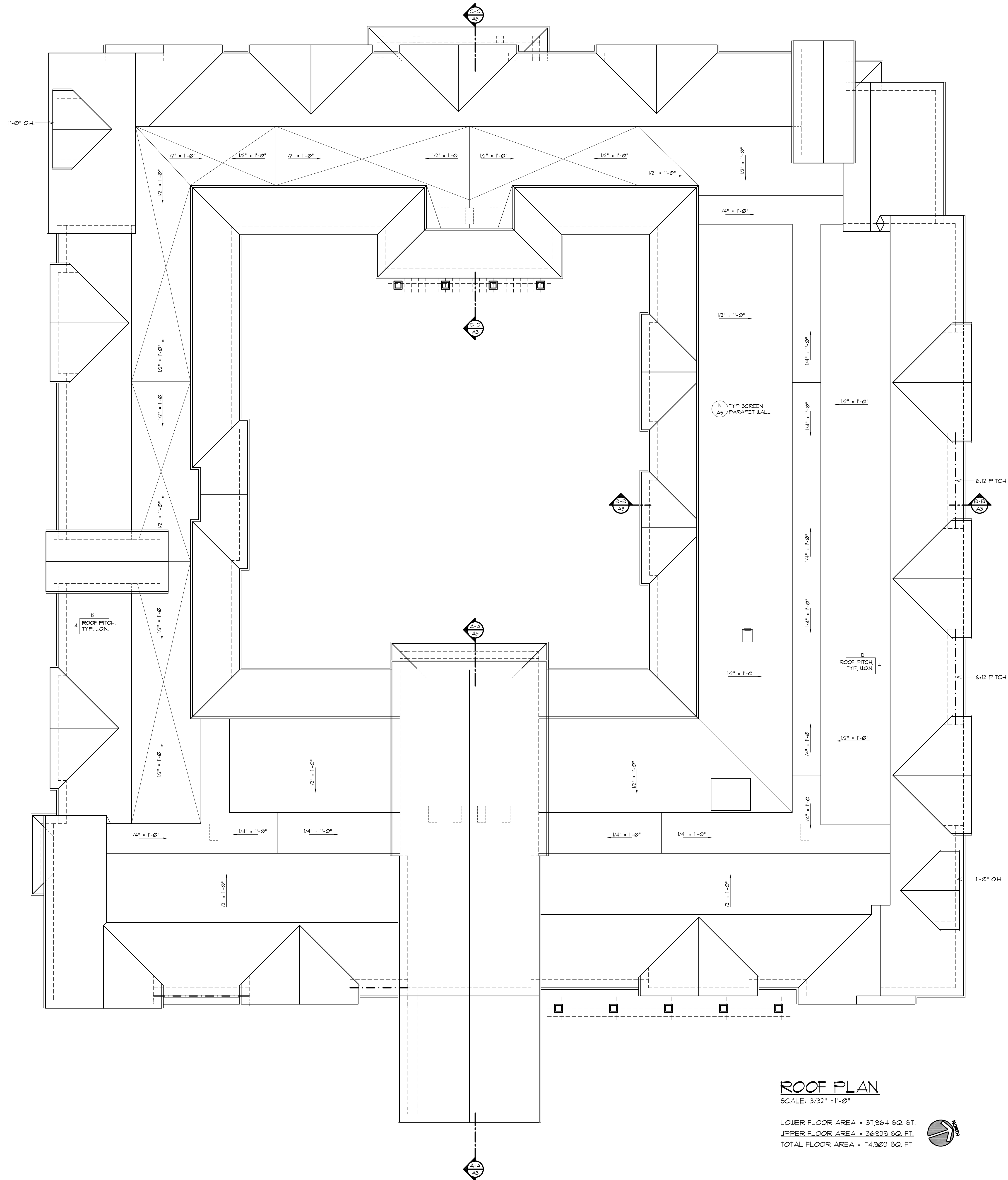
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REVISIONS:  
 JUNE 24, 2016

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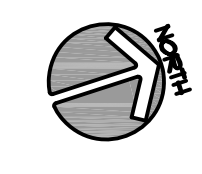
Date: Jul 24, 2016 1:07:07 PM. © 2016 All Rights Reserved. All Rights Reserved. All Rights Reserved.



**ROOF PLAN**

SCALE: 3/32" = 1'-0"

LOWER FLOOR AREA = 37,964 SQ. FT.  
 UPPER FLOOR AREA = 36,939 SQ. FT.  
 TOTAL FLOOR AREA = 74,903 SQ. FT.



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 9240 OLD REDWOOD HWY., SUITE 200  
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**OAKMONT**  
*Senior Living, LLC*

**ROOF PLAN**  
 OAKMONT OF AGOURA HILLS  
 29953 CANWOOD STREET, AGOURA HILLS, CA 91301

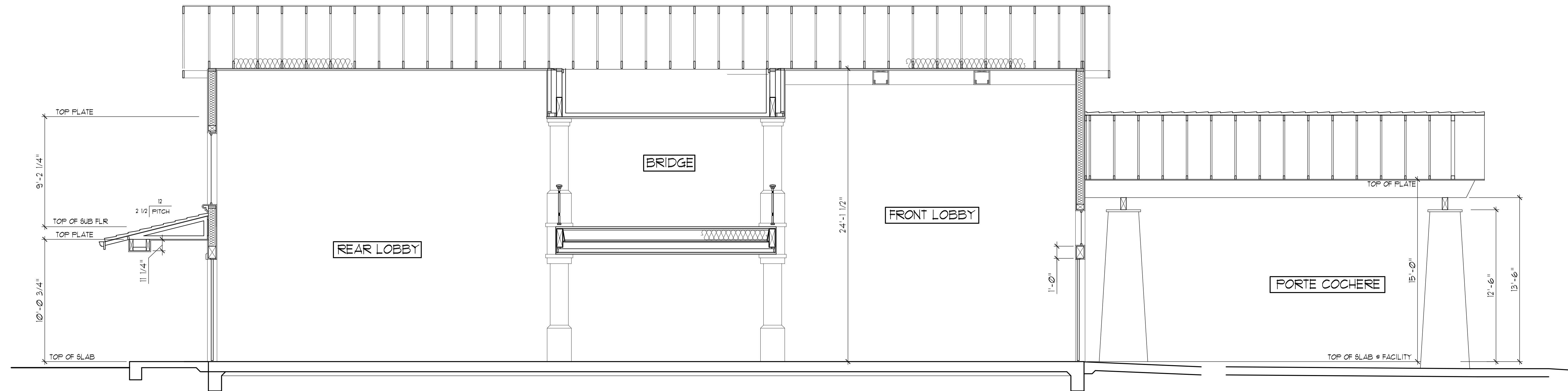
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 N. MURRIN  
 DATE:  
 MARCH 30, 2015  
 COPYRIGHT

REVISIONS:  
 JUNE 24, 2016

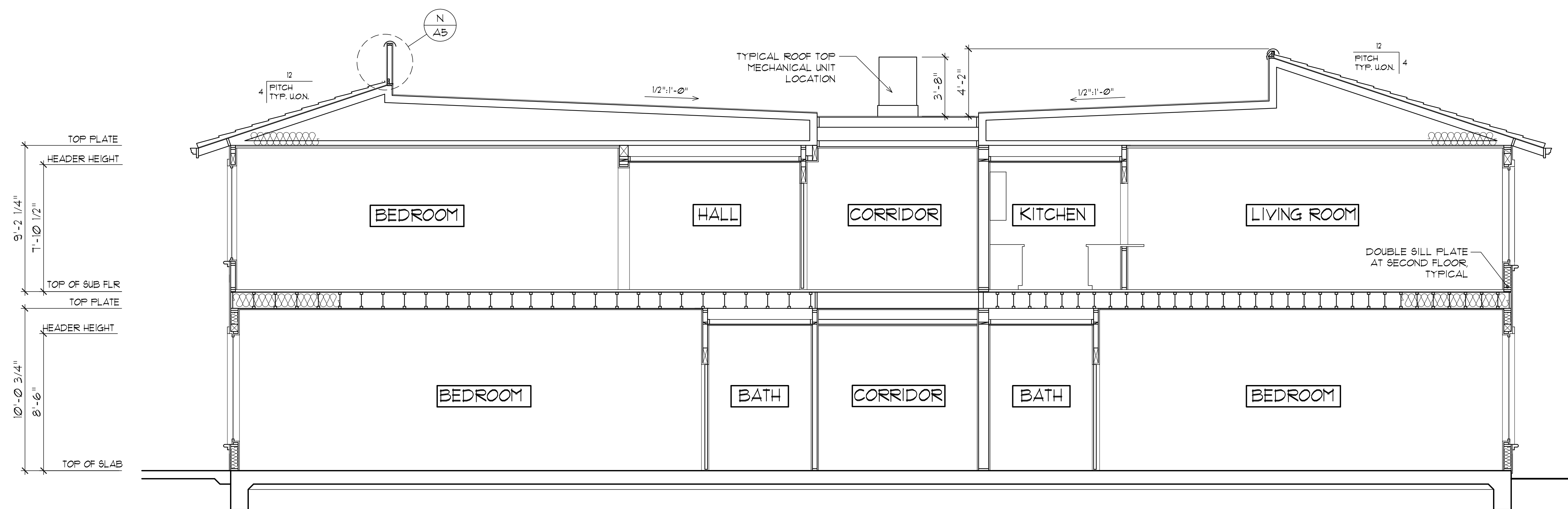
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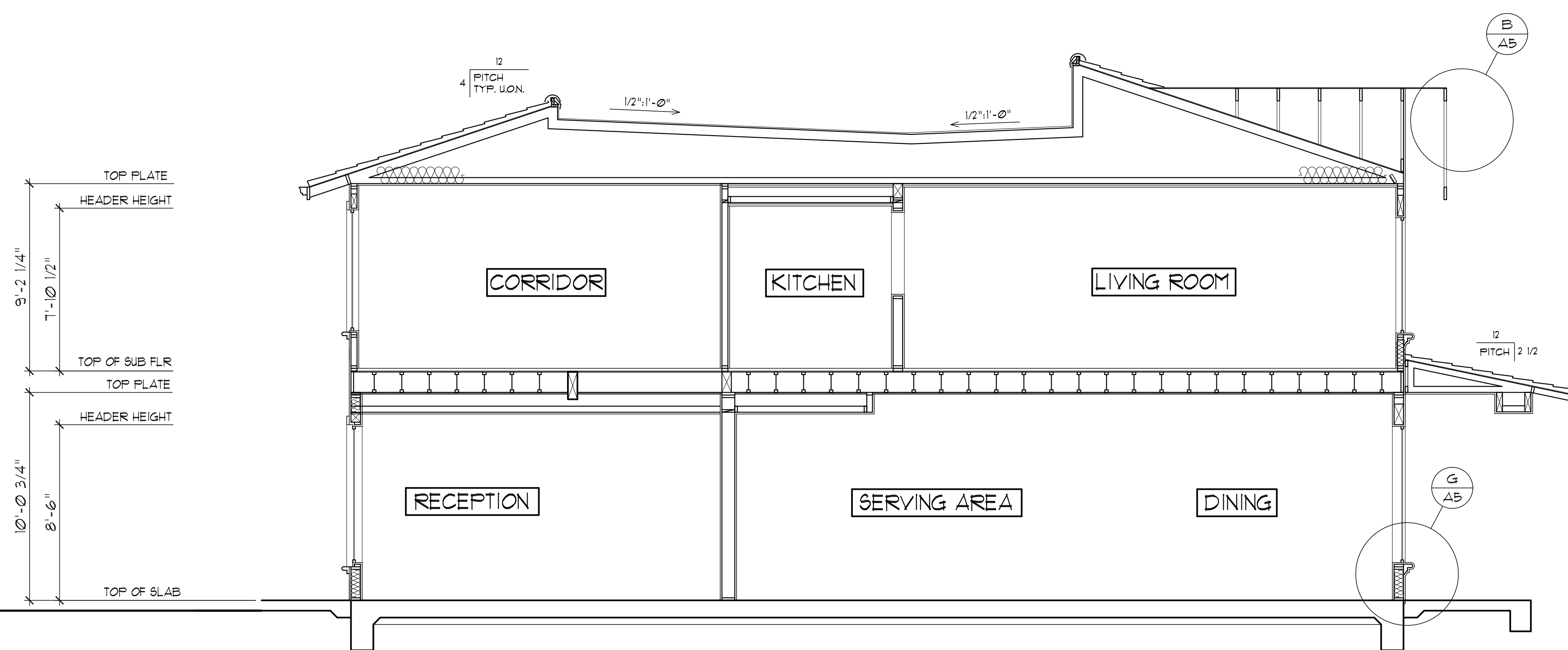




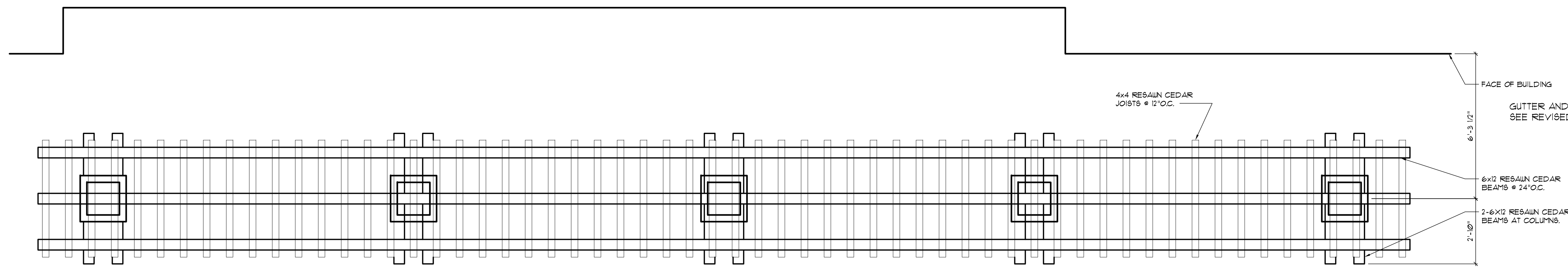
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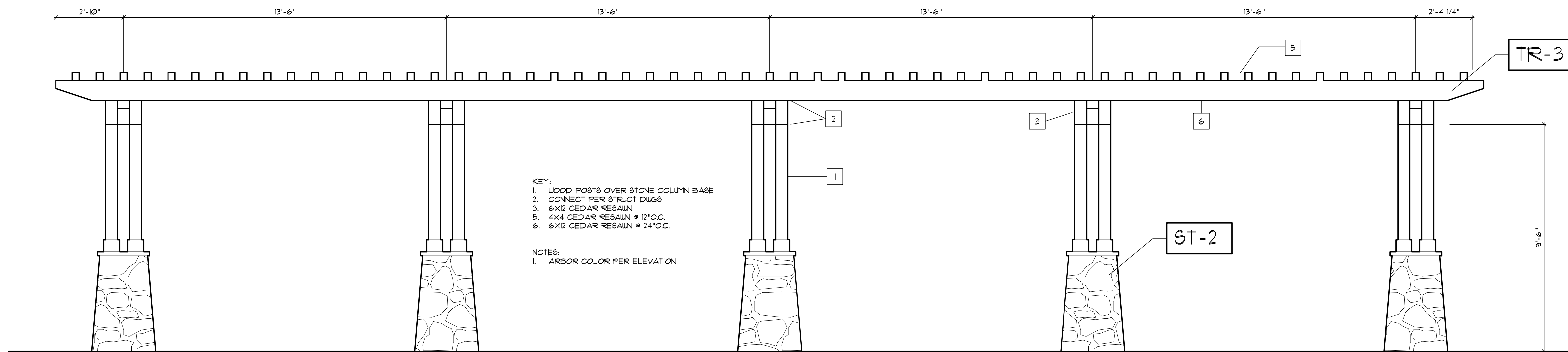
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SECTION C-C  
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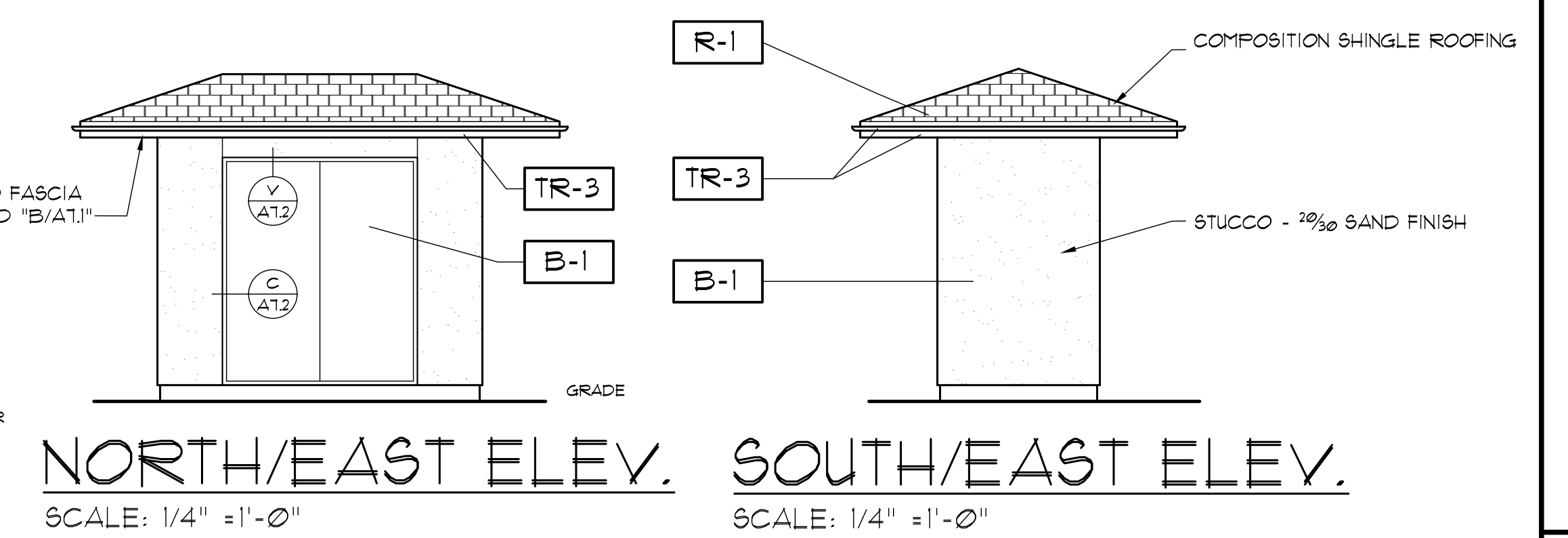


WEST ARBOR AT FRONT ELEVATION - PLAN VIEW



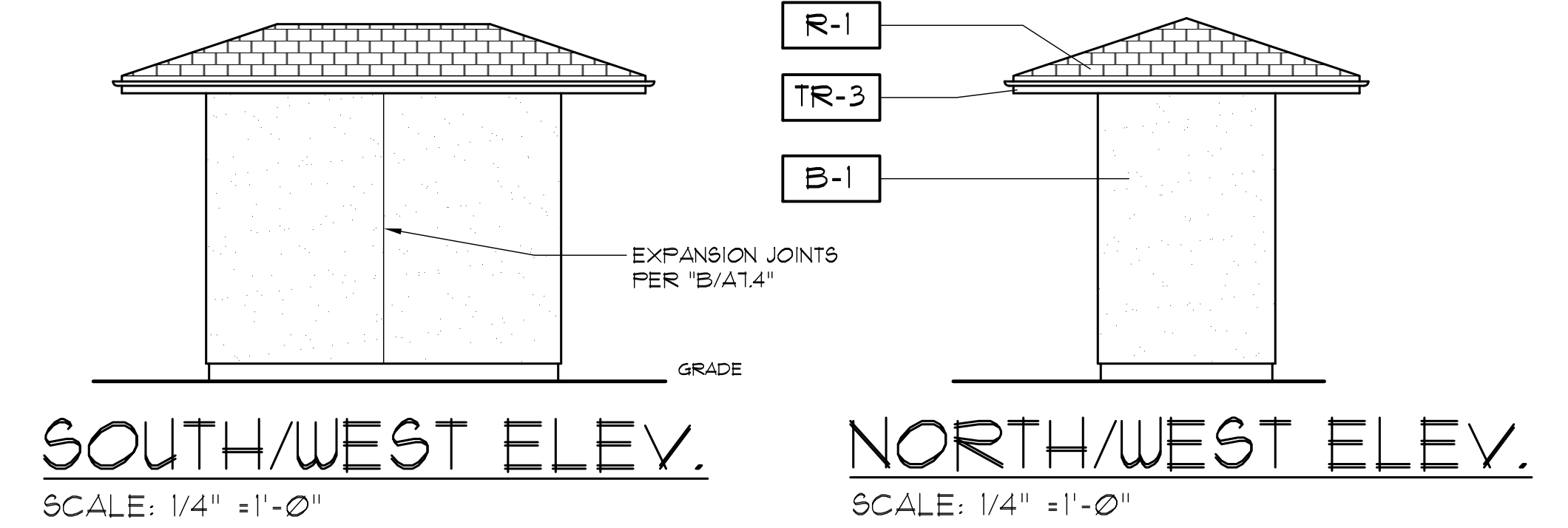
WEST ARBOR AT FRONT ELEVATION

- KEY:
- WOOD POSTS OVER STONE COLUMN BASE
  - CONNECT PER STRUCT DUGS
  - 6X12 CEDAR RESAIN
  - 4X4 CEDAR RESAIN #12' O.C.
  - 6X12 CEDAR RESAIN #24' O.C.
- NOTES:
- ARBOR COLOR PER ELEVATION



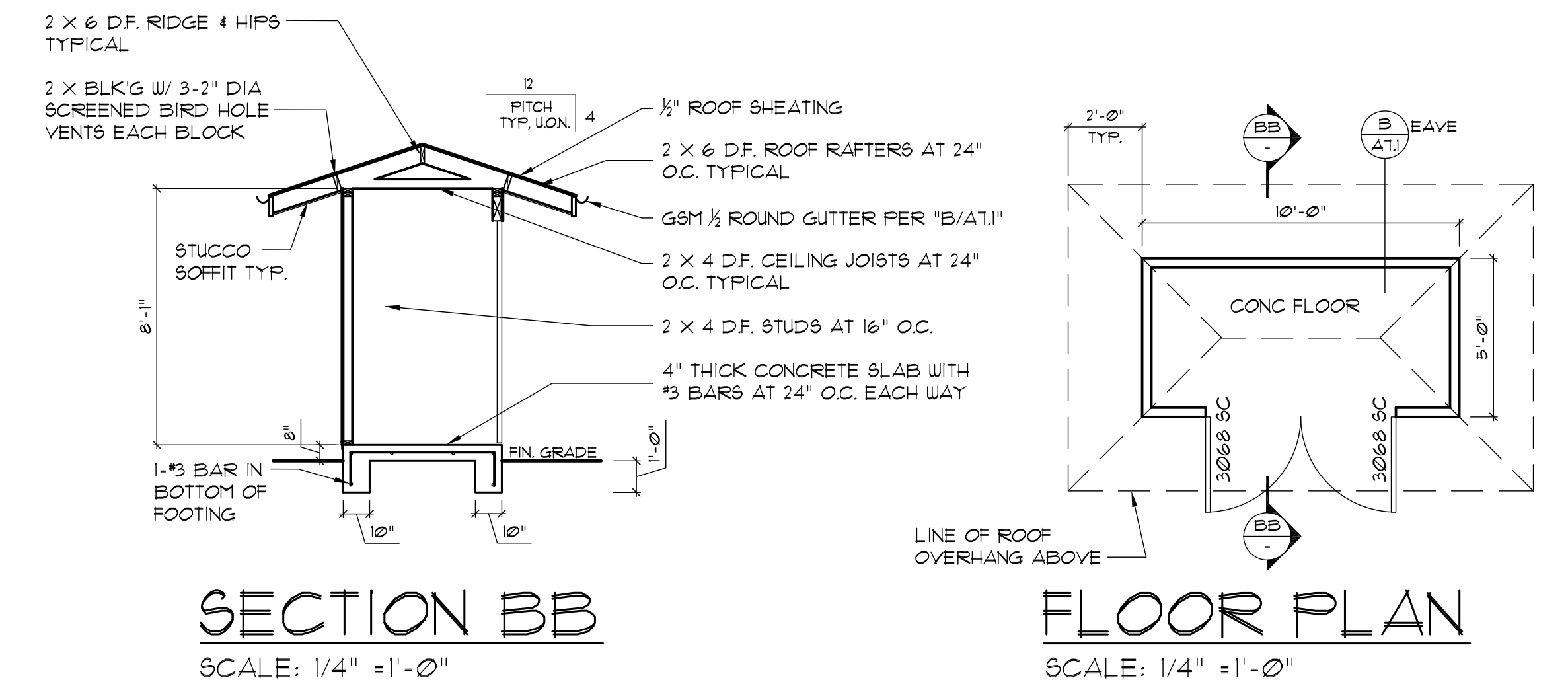
NORTH/EAST ELEV.  
SCALE: 1/4" = 1'-0"

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



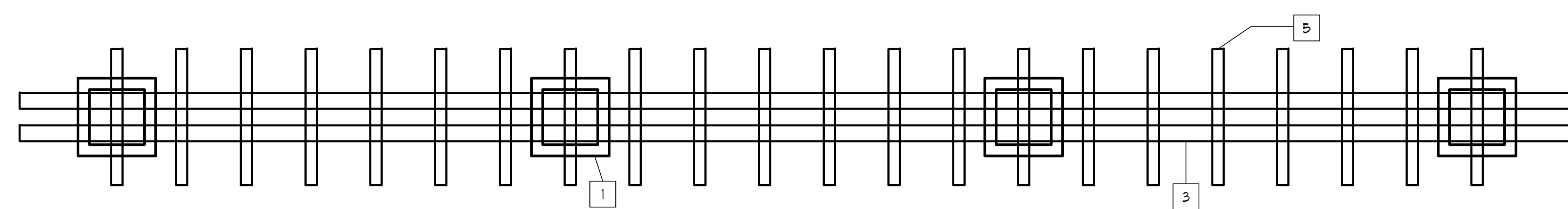
SOUTH/WEST ELEV.  
SCALE: 1/4" = 1'-0"

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

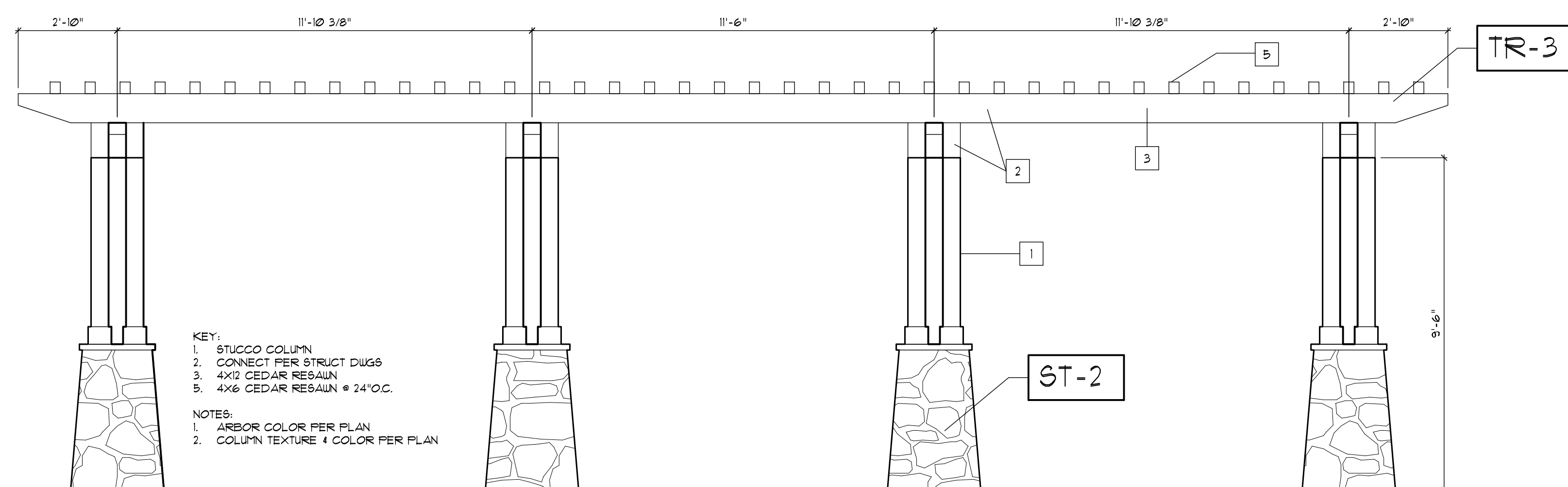


SECTION BB  
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FLOOR PLAN  
SCALE: 1/4" = 1'-0"

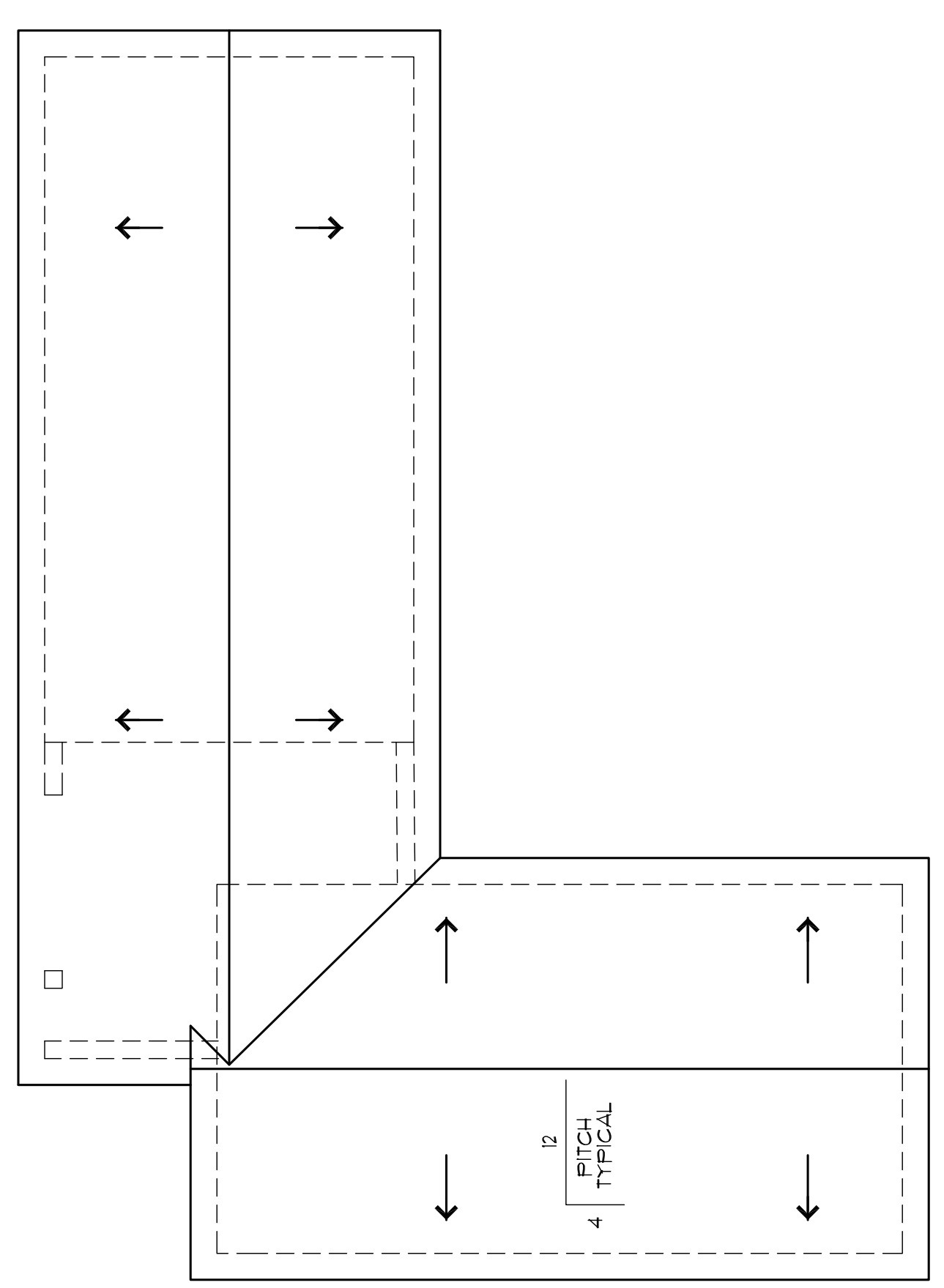


COURTYARD ARBOR - PLAN VIEW

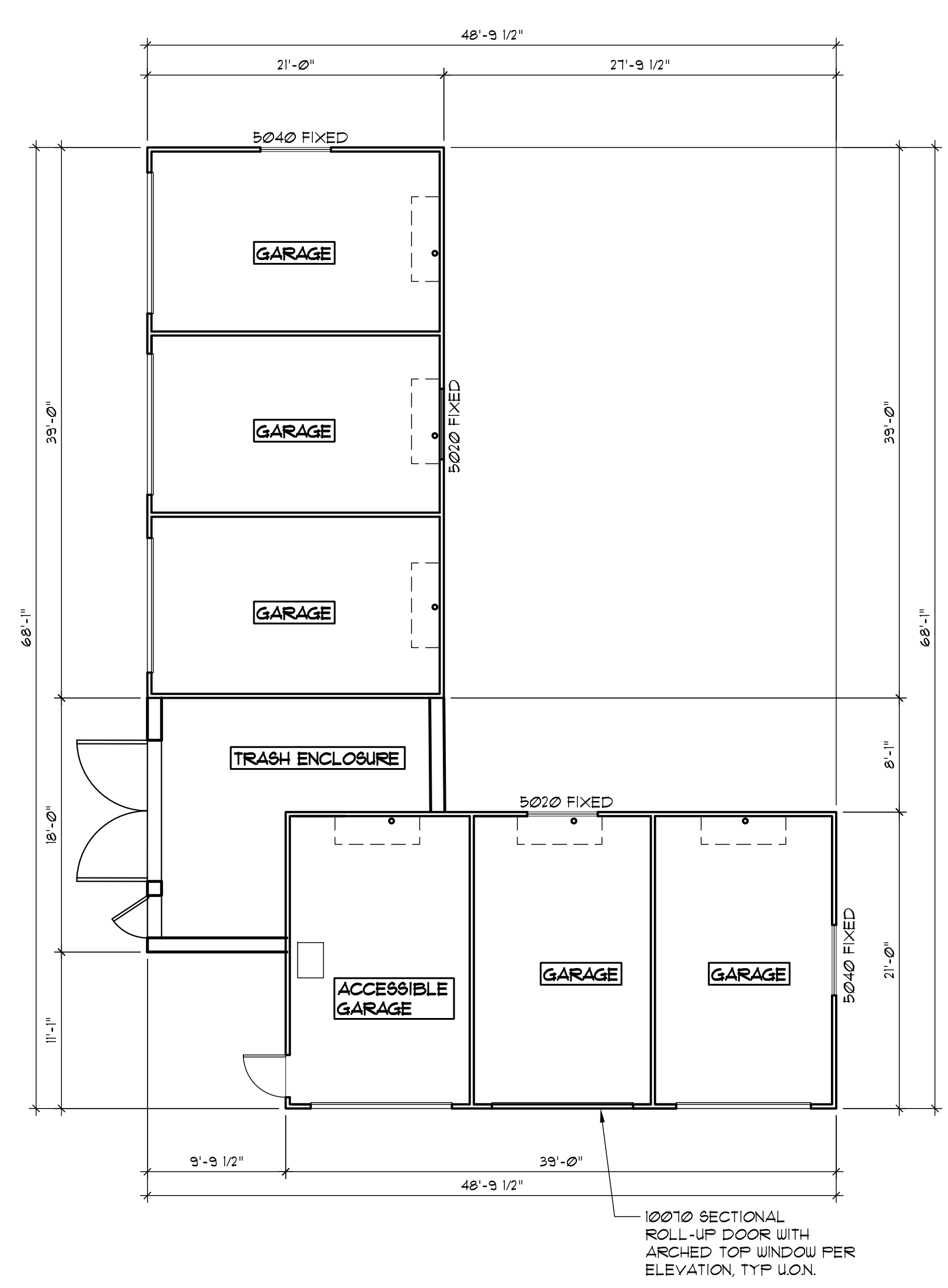


COURTYARD ARBOR DETAILS

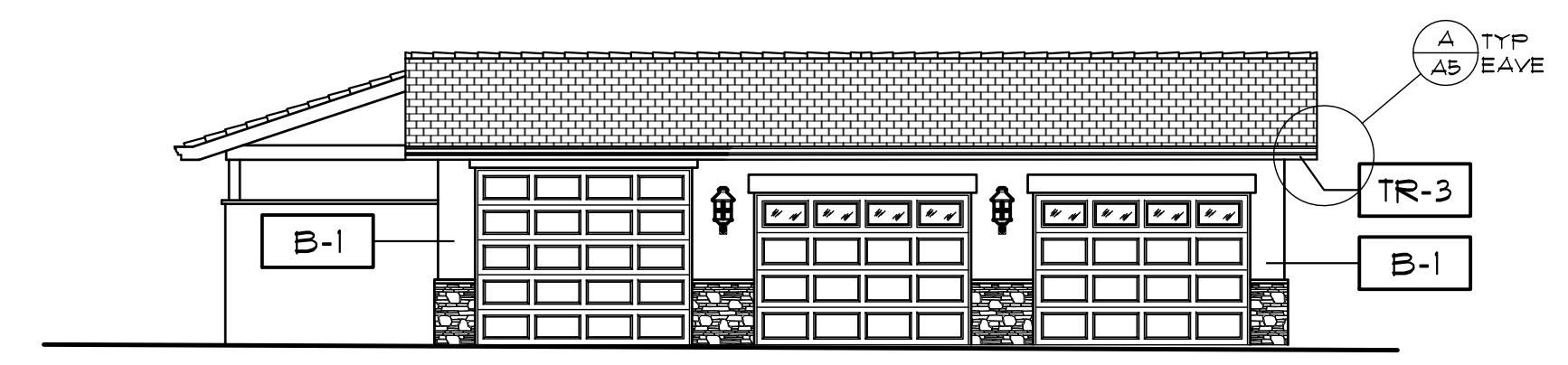
COLOR AND MATERIAL SCHEDULE			
FINISH TAG	SUBJECT	MANUFACTURER/ MATERIAL	COLOR
R-1	ROOF	"FABCO" 30 YEAR COMPOSITION SHINGLES	WEATHERED WOOD
B-1	BODY	"EXTERIOR STUCCO FINISH" 2000 SAND FINISH	"KELLY MOORE" SAND PEBBLE #11
TR-3	TRIM	MATERIAL VARIES SEE ELEVATIONS FOR DETAIL KEYS AND CALL-OUTS	"KELLY MOORE" 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



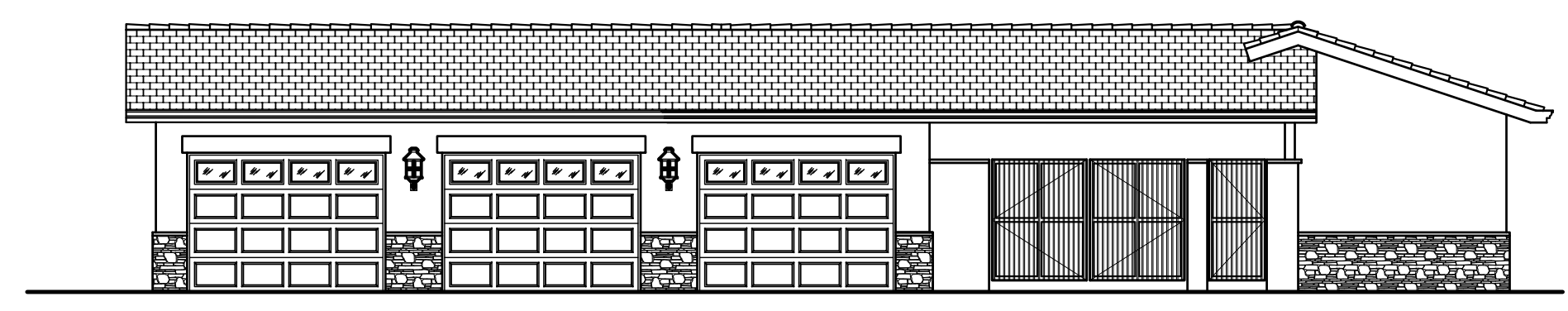
ROOF PLAN - GARAGES WITH TRASH ENCLOSURE  
 SCALE: 1/8" = 1'-0"



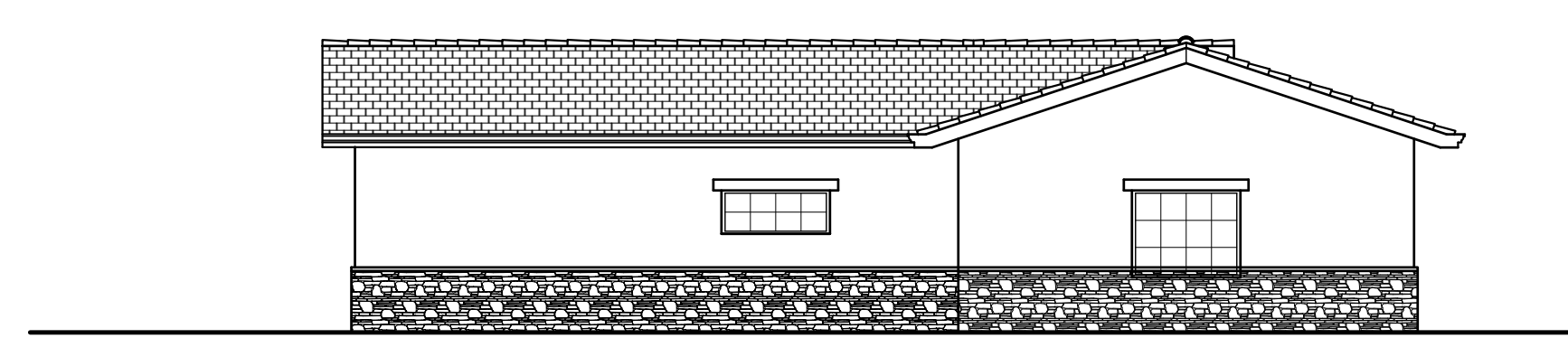
FLOOR PLAN - 2+3 CAR GARAGES WITH TRASH ENCLOSURE  
 SCALE: 1/8" = 1'-0"



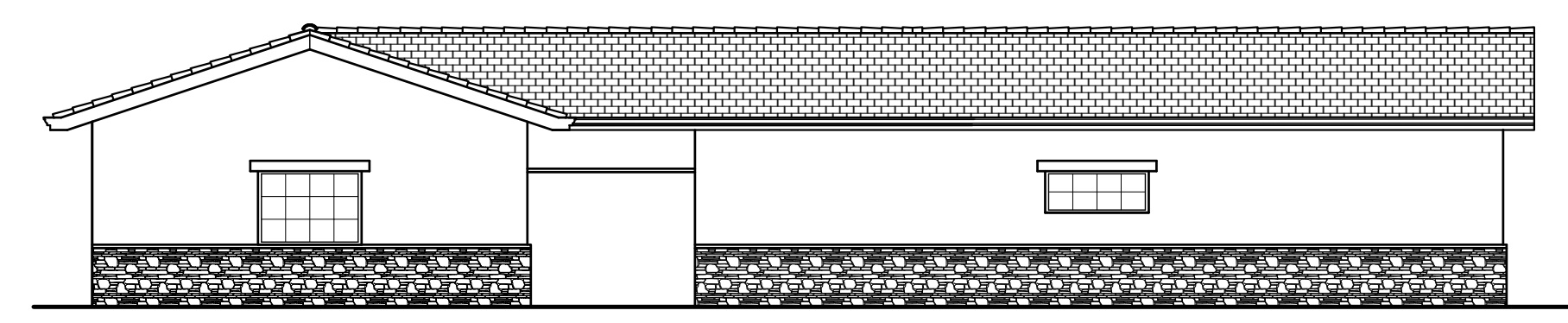
SOUTH ELEVATION - GARAGE  
 SCALE: 1/8" = 1'-0"



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



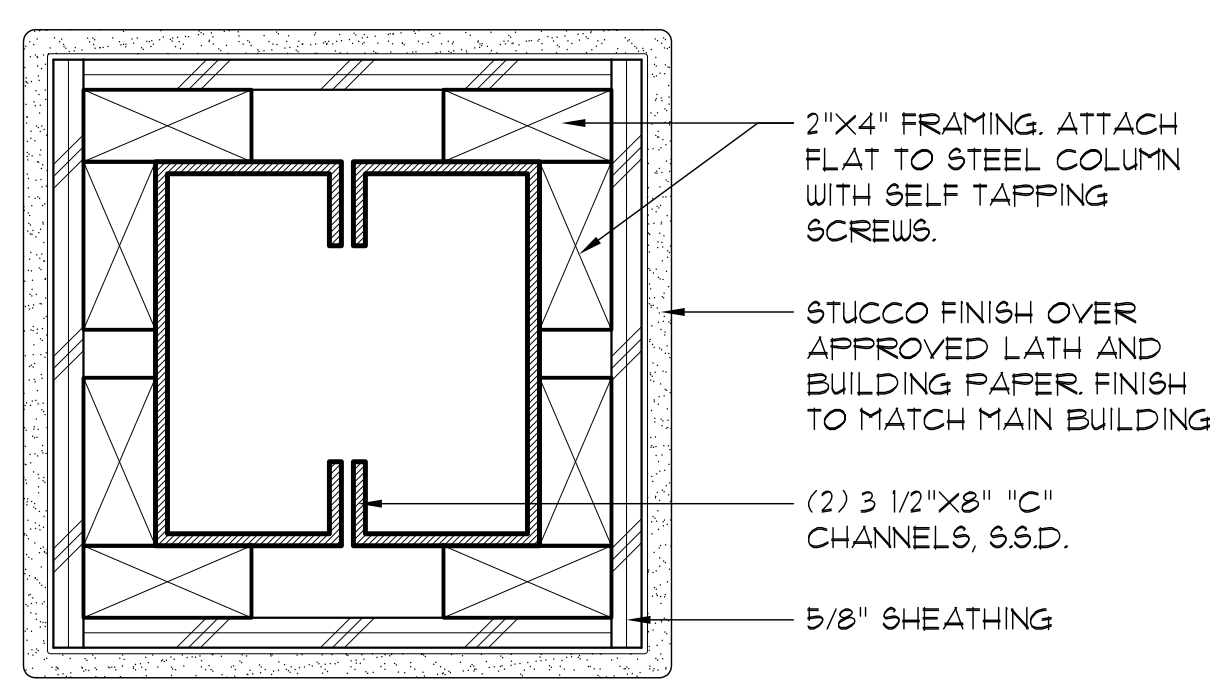
NORTH ELEVATION - GARAGE  
 SCALE: 1/8" = 1'-0"



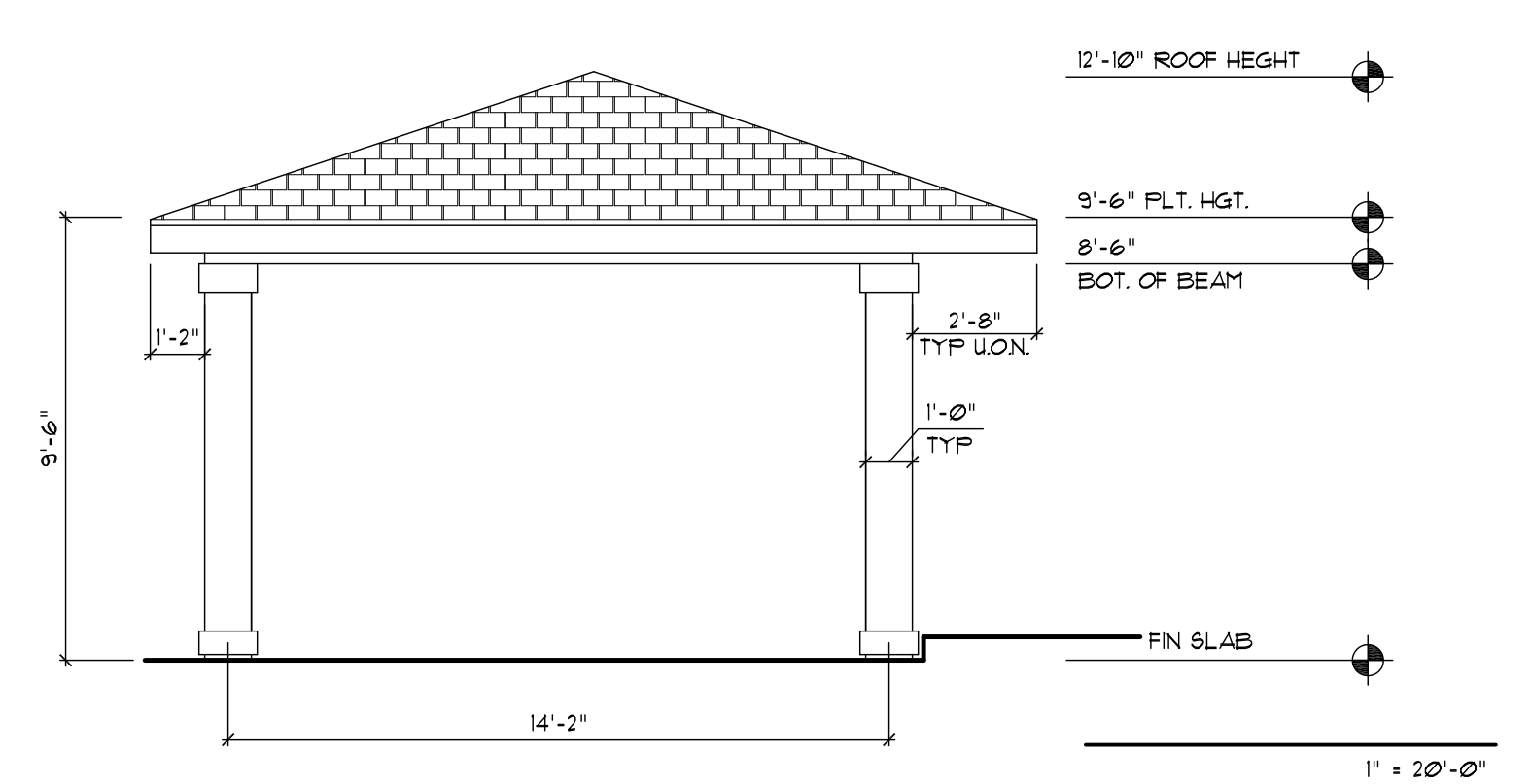
WEST ELEVATION - GARAGE  
 SCALE: 1/8" = 1'-0"

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 1/2" 5LB

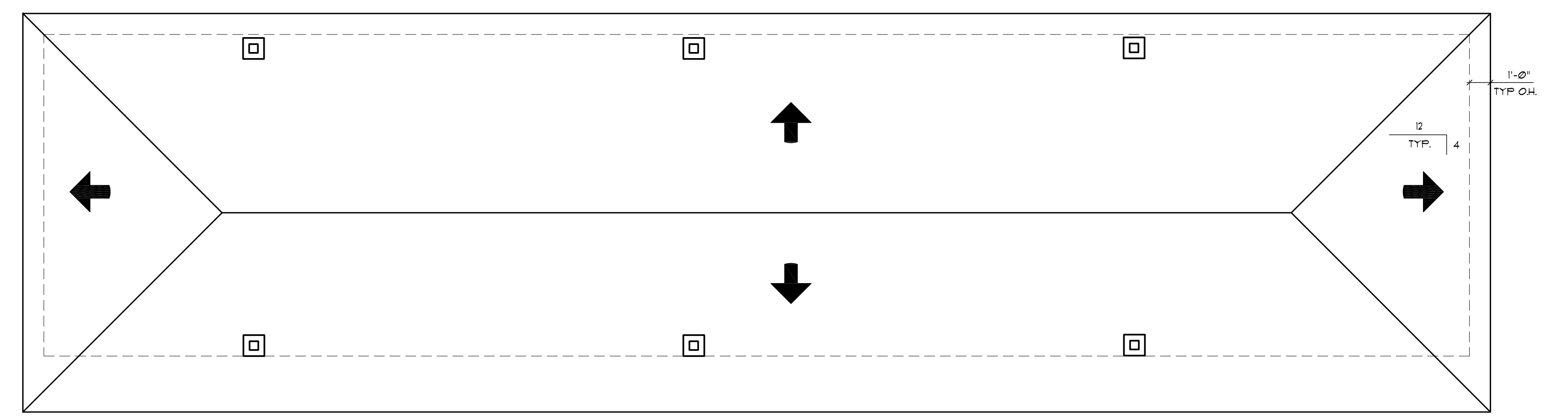
Date: 03/24/2016 1:28:38 PM Ali Iqbal 23953 Canwood Street, Agoura Hills, CA 91301



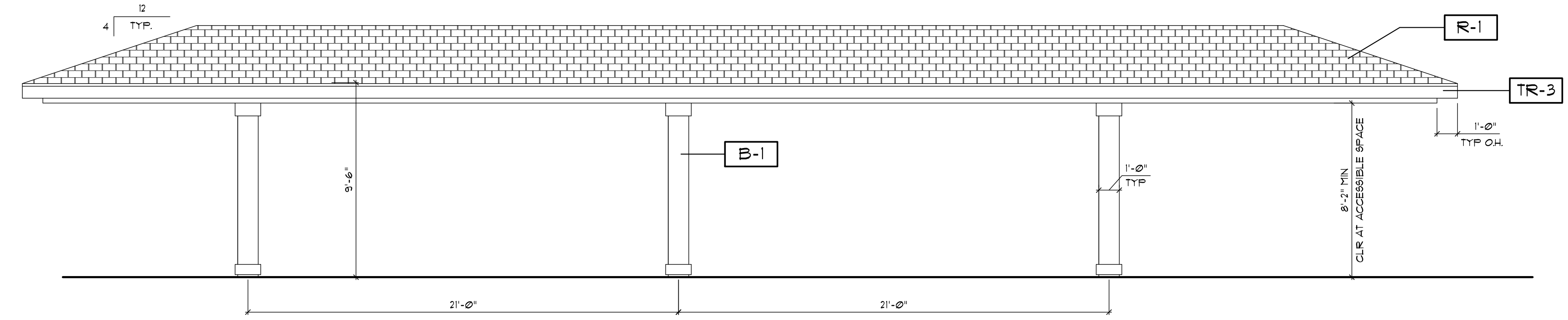
A COLUMN DETAIL  
SCALE: 3" = 1'-0"



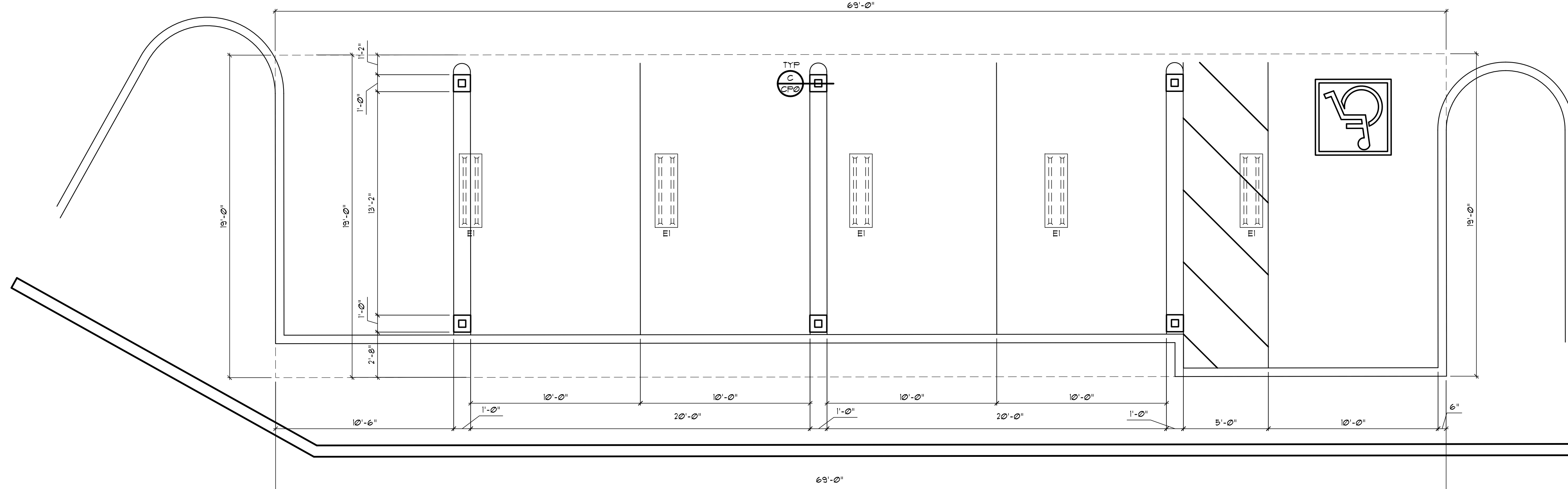
TYPICAL CARPORT SIDE ELEVATION  
1/4" = 1'-0"



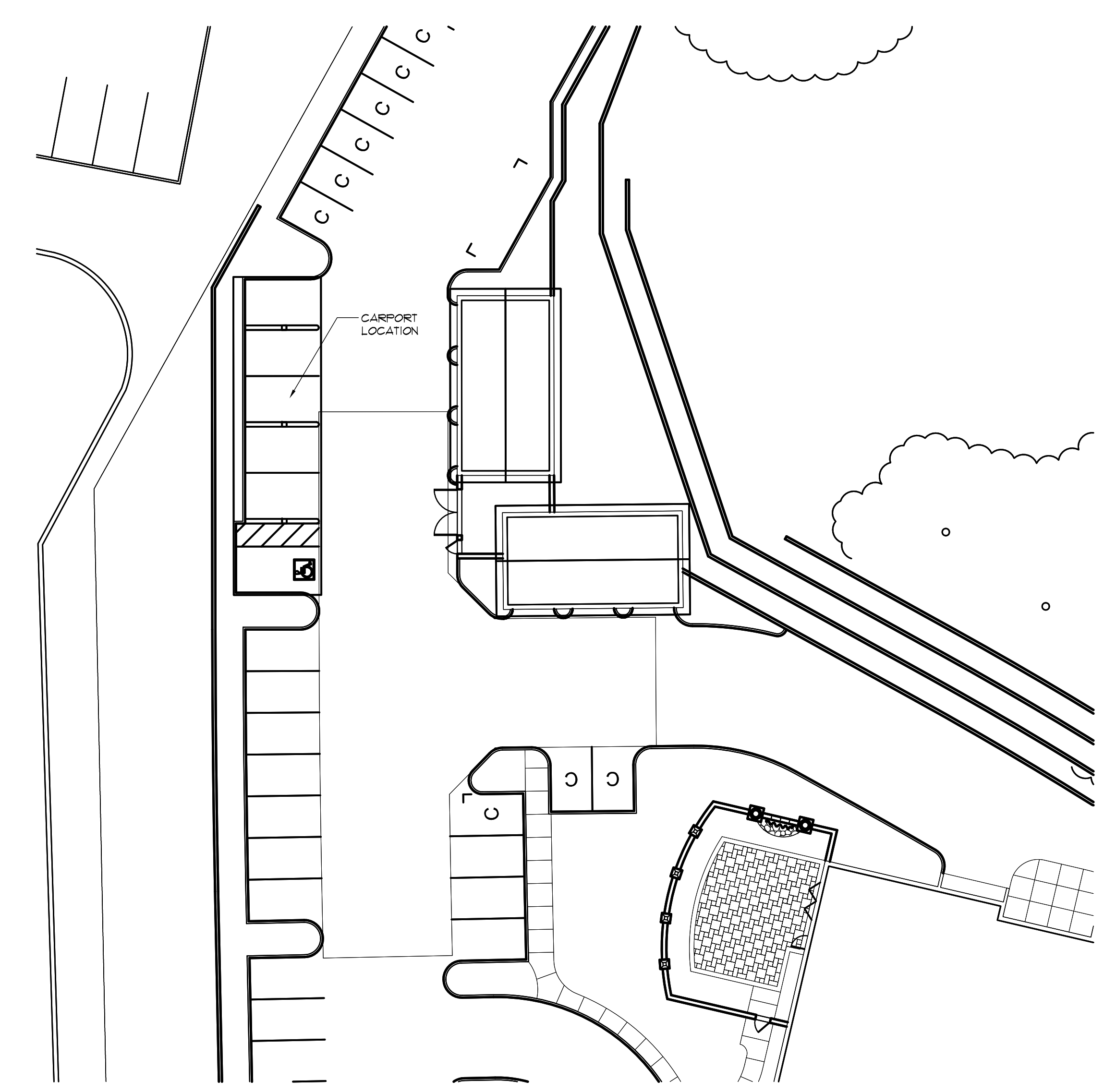
6-CAR CARPORT ROOF PLAN  
1/4" = 1'-0"



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



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



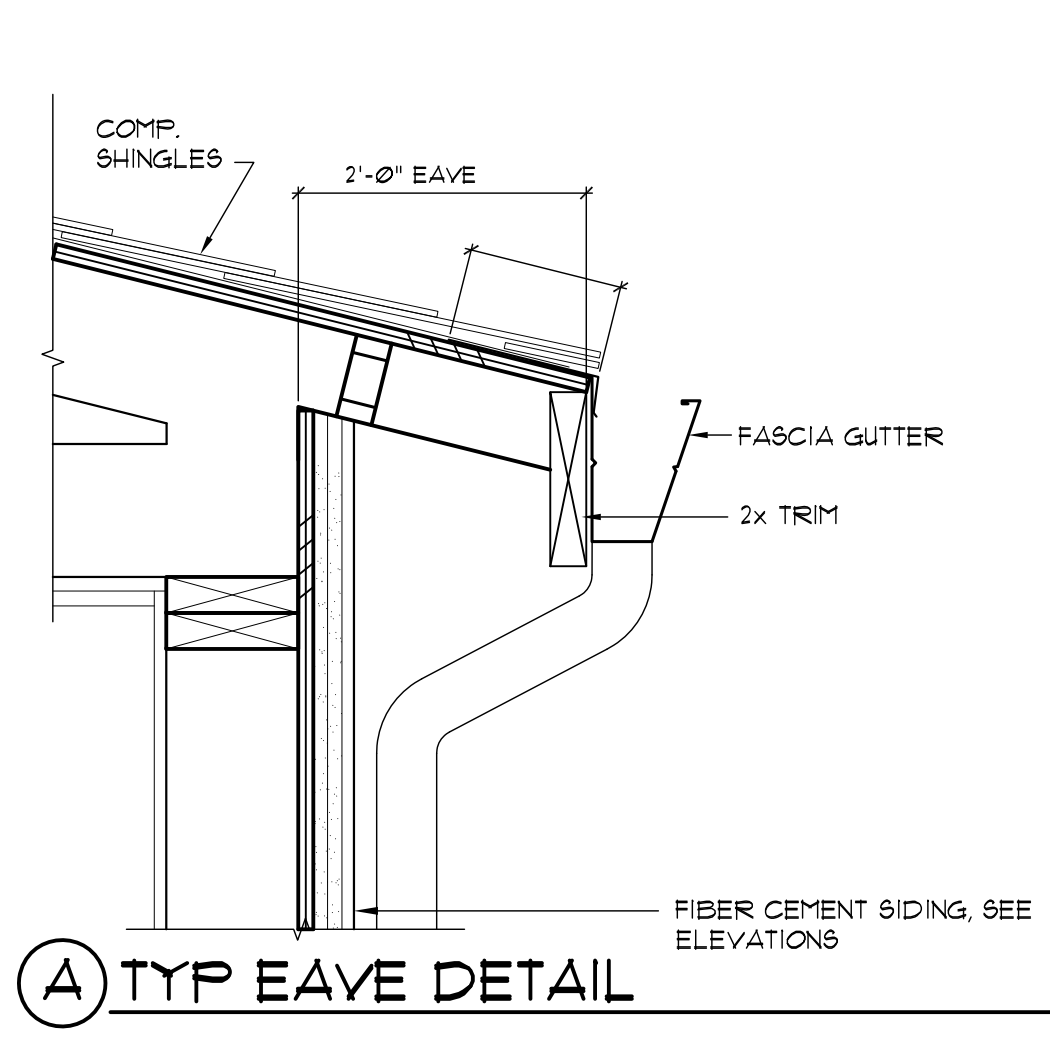
PARTIAL SITE PLAN  
NORTH

LIGHT FIXTURE SCHEDULE

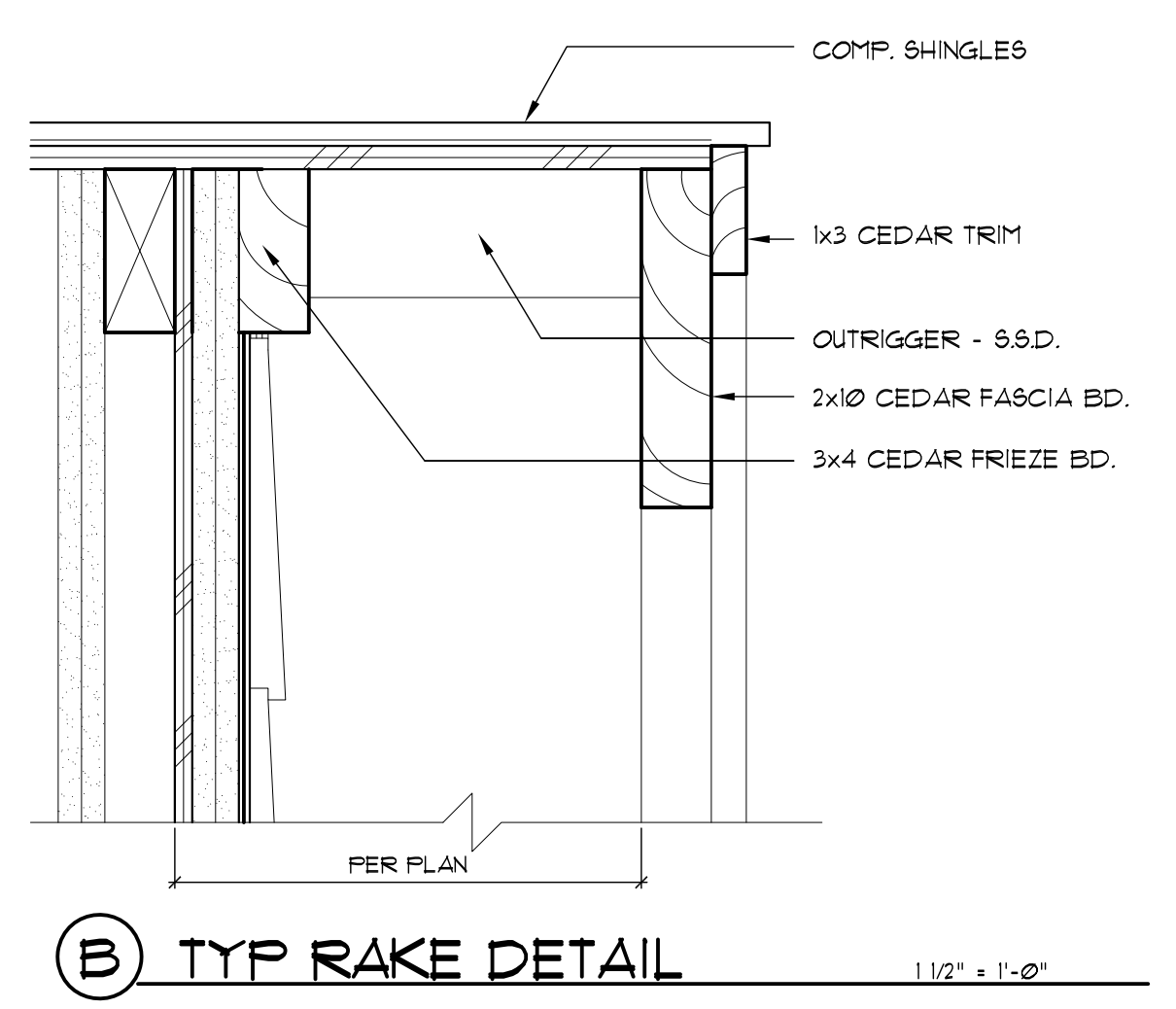
TAG	DESCRIPTION	CATALOG NUMBER	VOLTAGE	LAMP	BALLAST	FIXTURE WATTAGE	MOUNTING	LOCATION	NOTES
EI	ORACLE 8 3/4" X 50" FLUORESCENT LIGHT FIXTURE	4-0021P-2-32-T8	120	(2) 32W-T8	(2) 1 LAMP ELECTRONIC	64	SURFACE	CARPOTS	

COLOR AND MATERIAL SCHEDULE

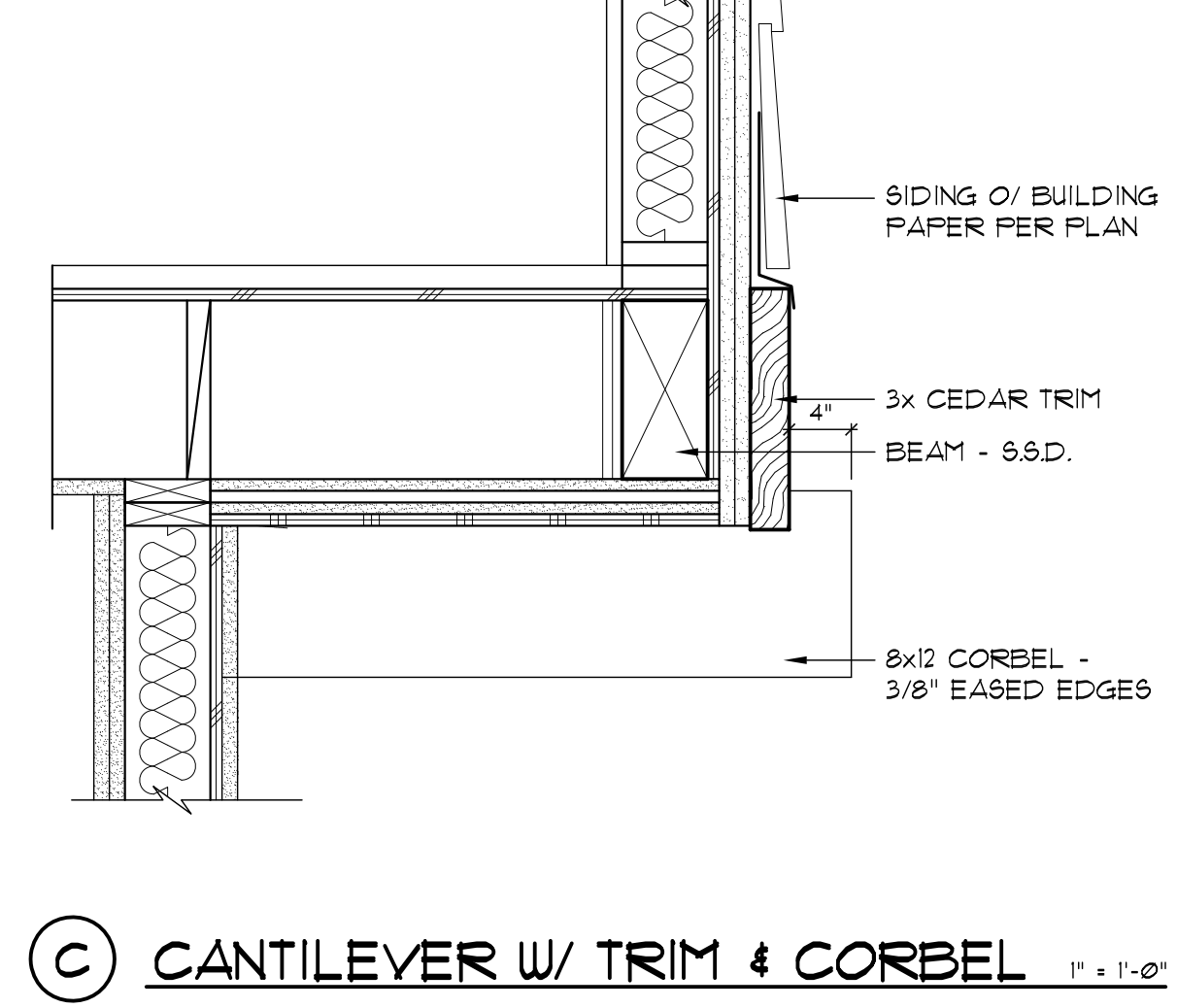
FINISH TAG	SUBJECT	MANUFACTURER/MATERIAL	COLOR
R-1	ROOF	"FABCO" 30 YEAR COMPOSITION SHINGLES	WEATHERED WOOD
B-1	BODY	"EXTERIOR STUCCO FINISH" 20/30 SAND FINISH	"KELLY MOORE" SAND PEBBLE TT1
TR-3	TRIM	"MATERIAL VARIES SEE ELEVATIONS FOR DETAIL KEYS AND CALL-OUTS"	"KELLY MOORE" R13B44-B MOCHA MOUSSE



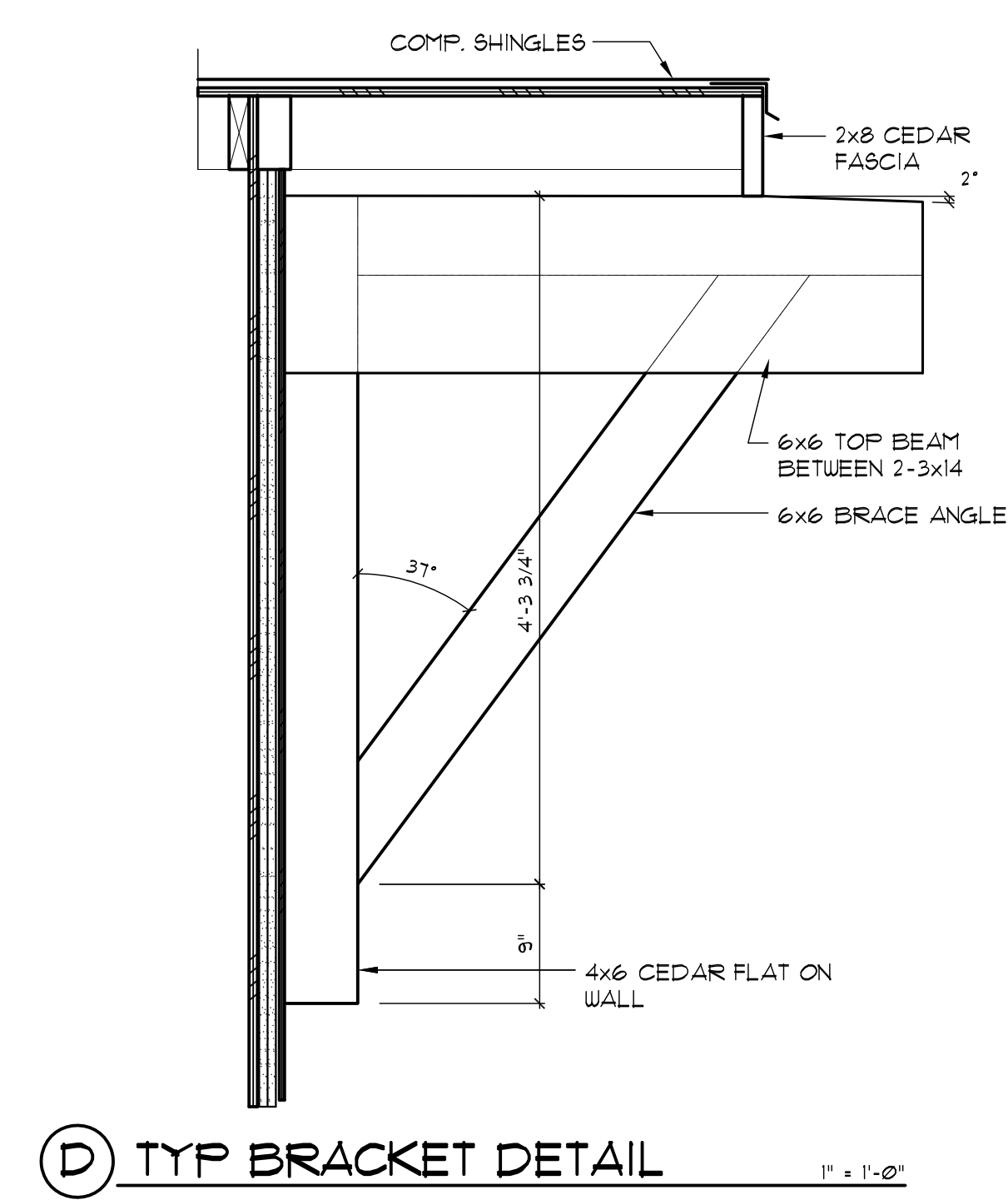
**A TYP EAVE DETAIL** 1 1/2" x 1'-0"



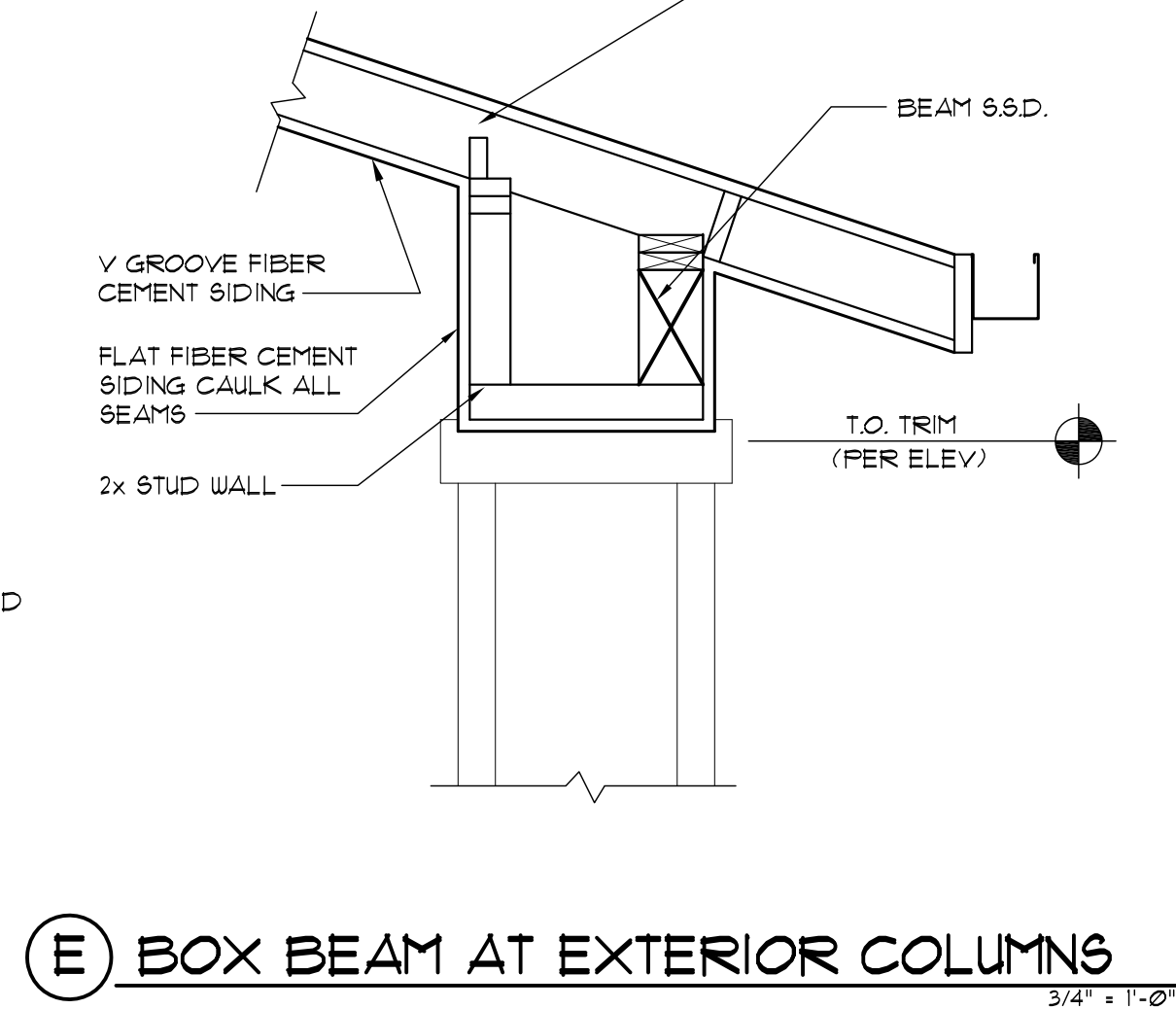
**B TYP RAKE DETAIL** 1 1/2" x 1'-0"



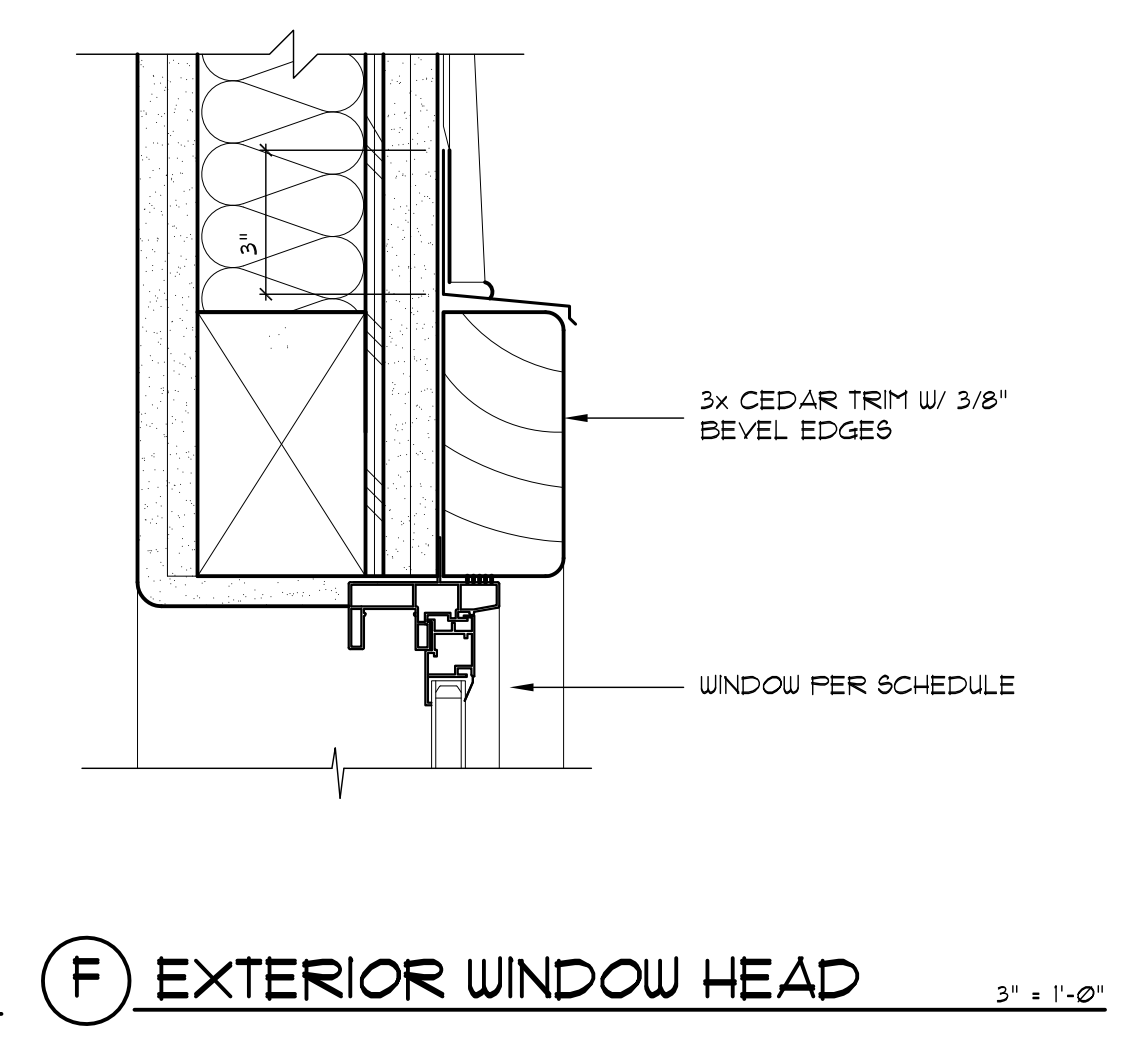
**C CANTILEVER W/ TRIM & CORBEL** 1" x 1'-0"



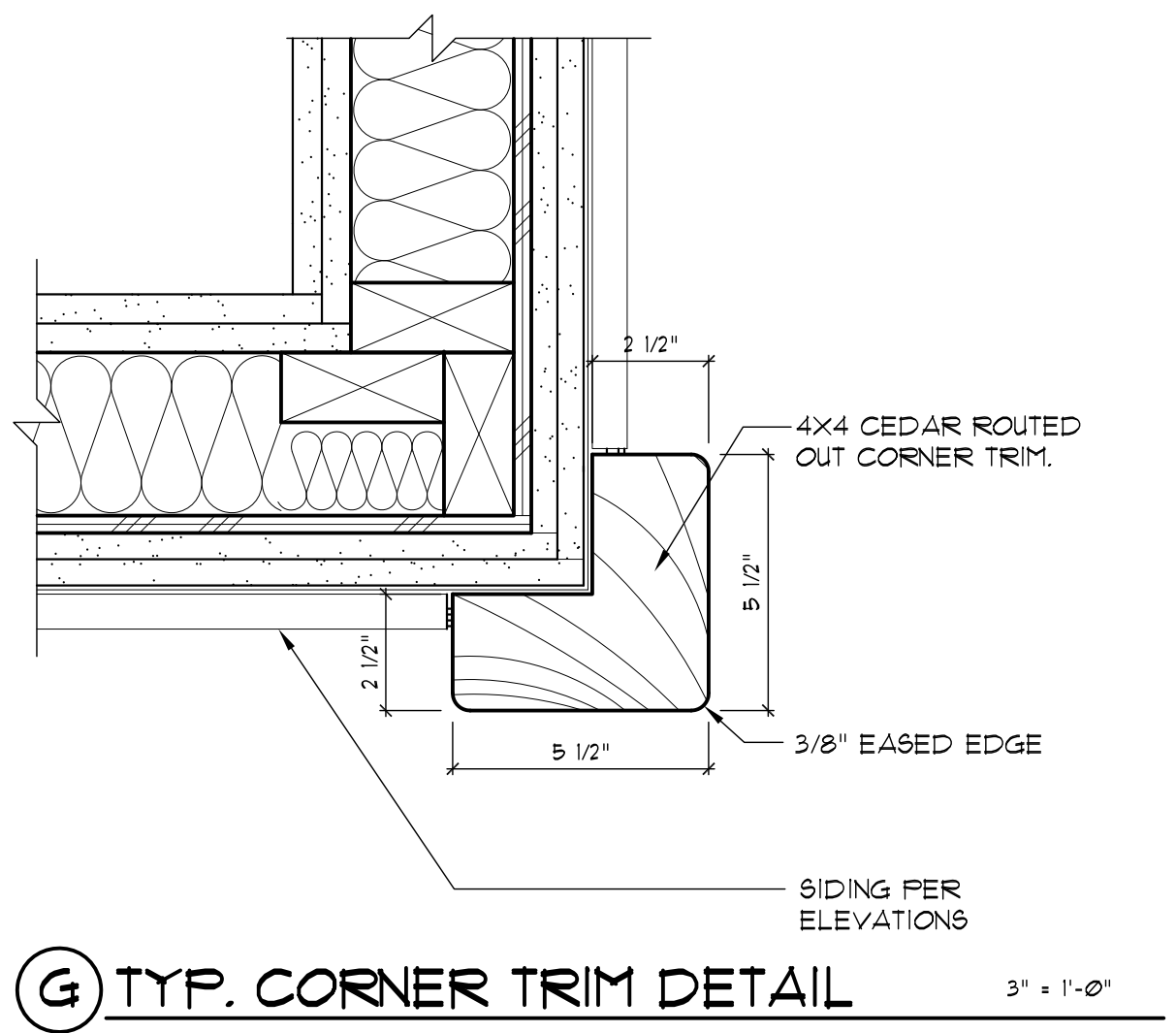
**D TYP BRACKET DETAIL** 1" x 1'-0"



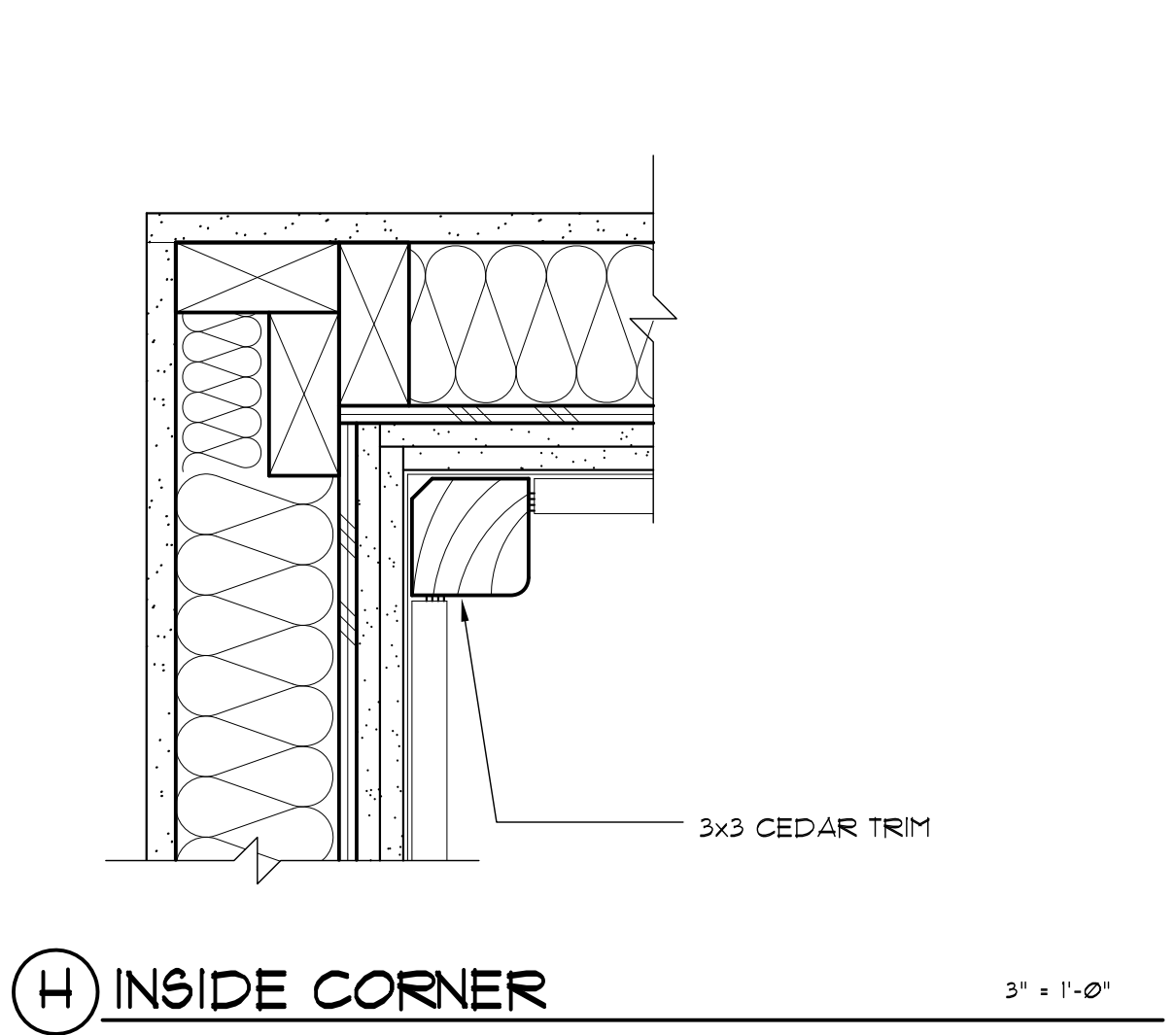
**E BOX BEAM AT EXTERIOR COLUMNS** 3/4" x 1'-0"



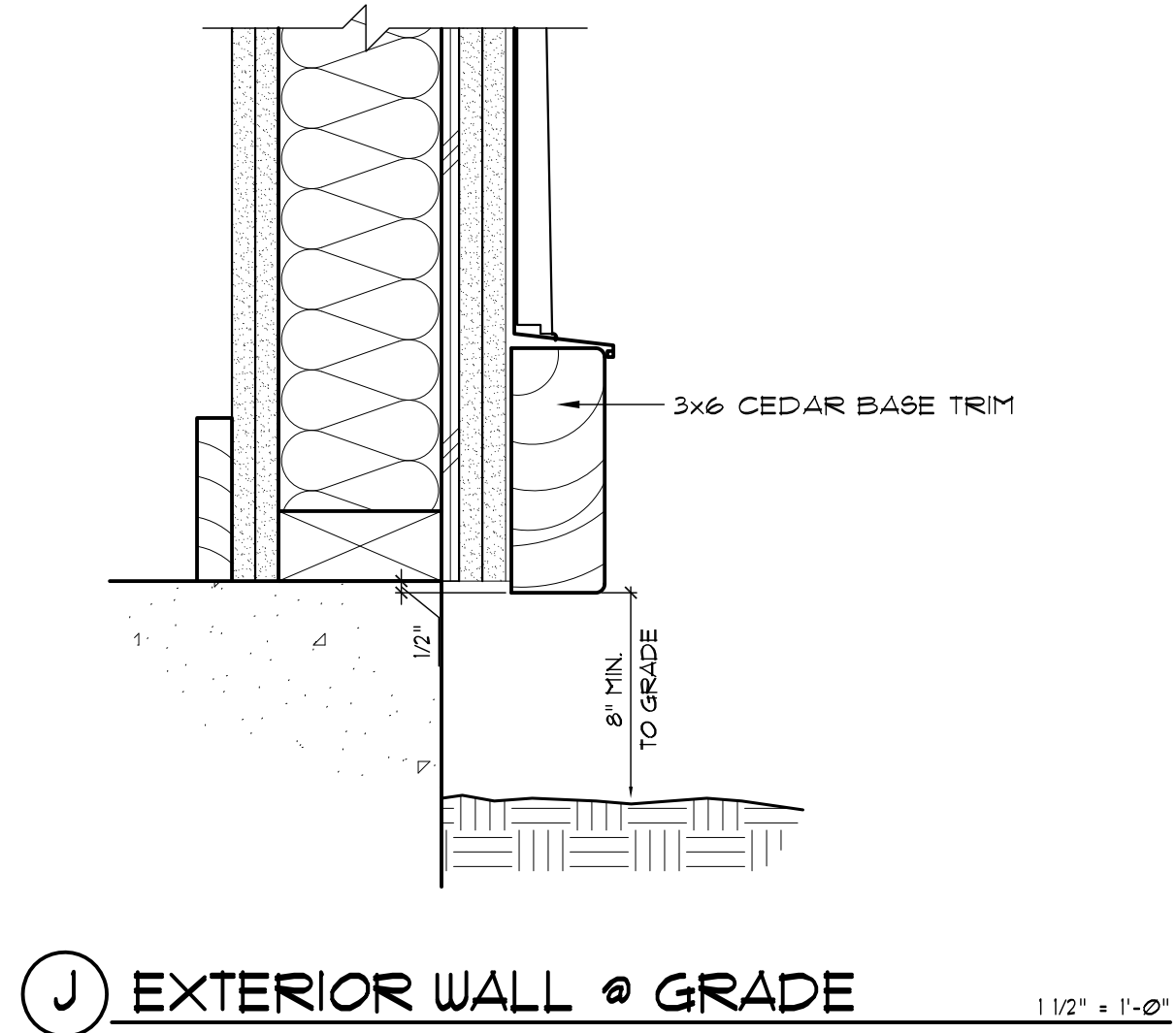
**F EXTERIOR WINDOW HEAD** 3" x 1'-0"



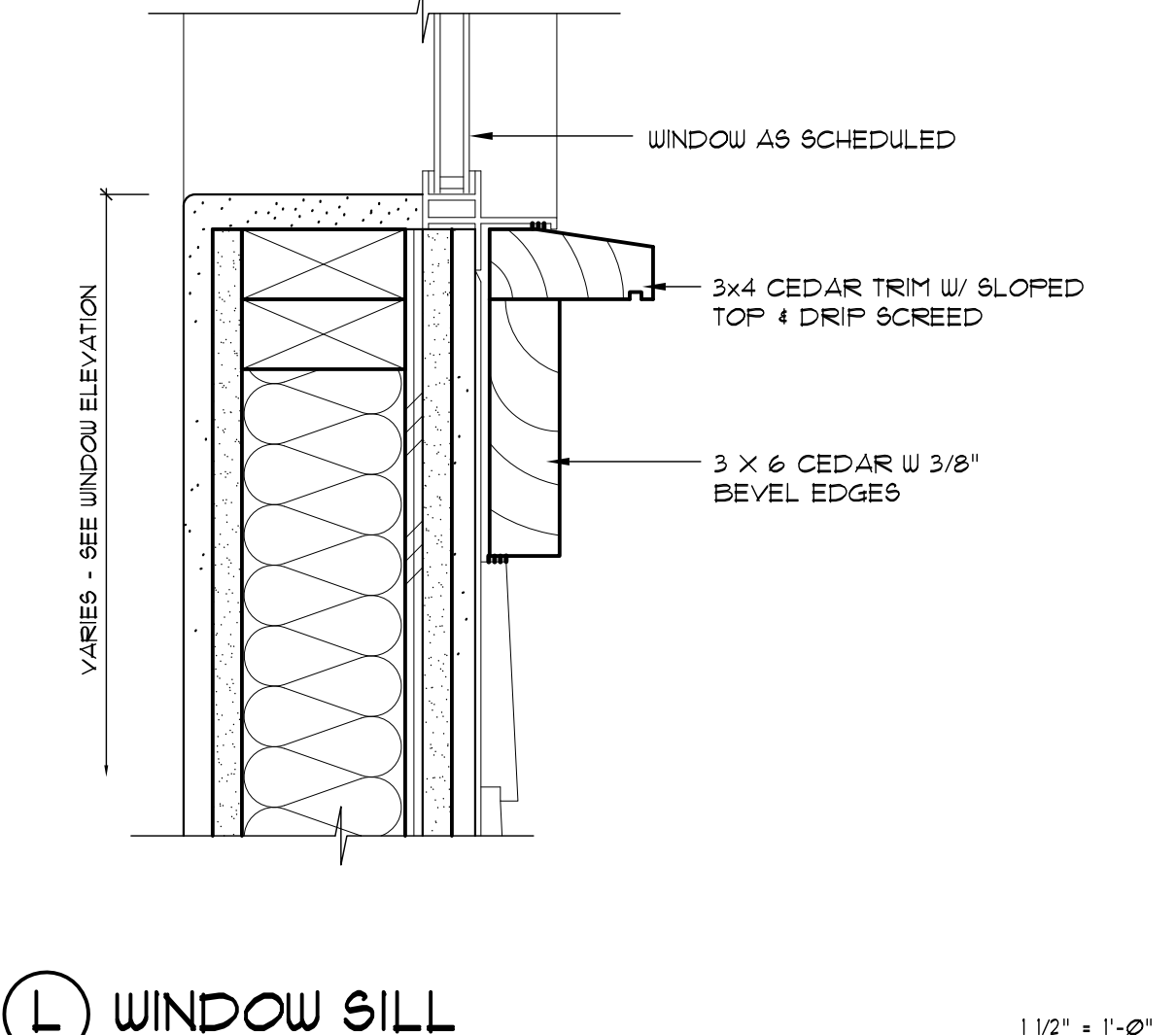
**G TYP. CORNER TRIM DETAIL** 3" x 1'-0"



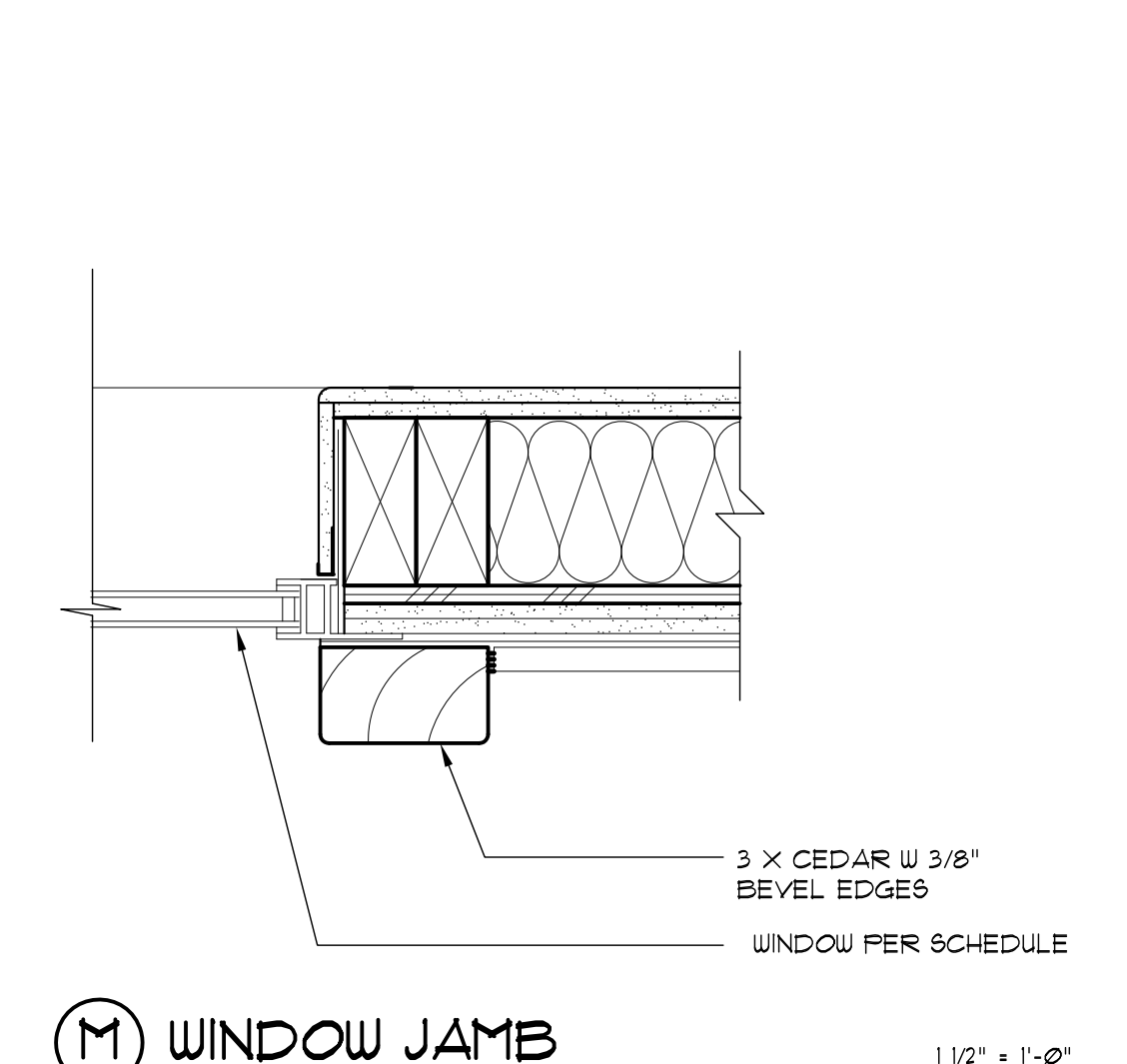
**H INSIDE CORNER** 3" x 1'-0"



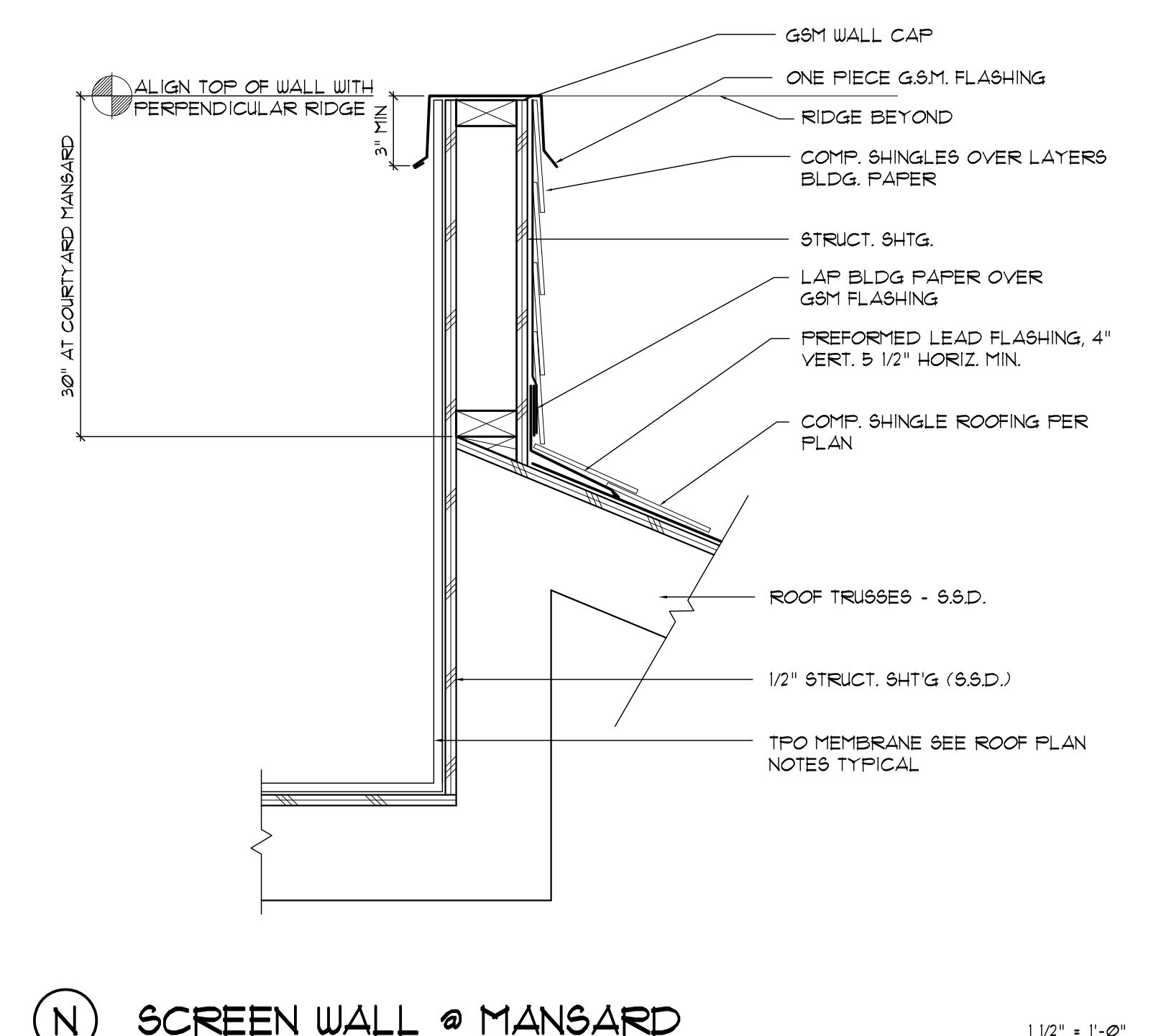
**J EXTERIOR WALL @ GRADE** 1 1/2" x 1'-0"



**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  
 9240 OLD REDWOOD HWY., SUITE 200  
 WINDSOR, CA 95432  
 PH: 101-955-5100

**OAKMONT**  
*Senior Living, LLC*

**DETAILS**  
 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:  
**A5**

Date: Jun 24, 2016 1:40:58 PM. User: Ali Iqbal. Path: C:\Users\Ali Iqbal\Documents\Projects\Oakmont\Oakmont.dwg. Scale: 1/8" = 1'-0".

**Lighting  
Photometric  
Plan**

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**APPENDIX B**

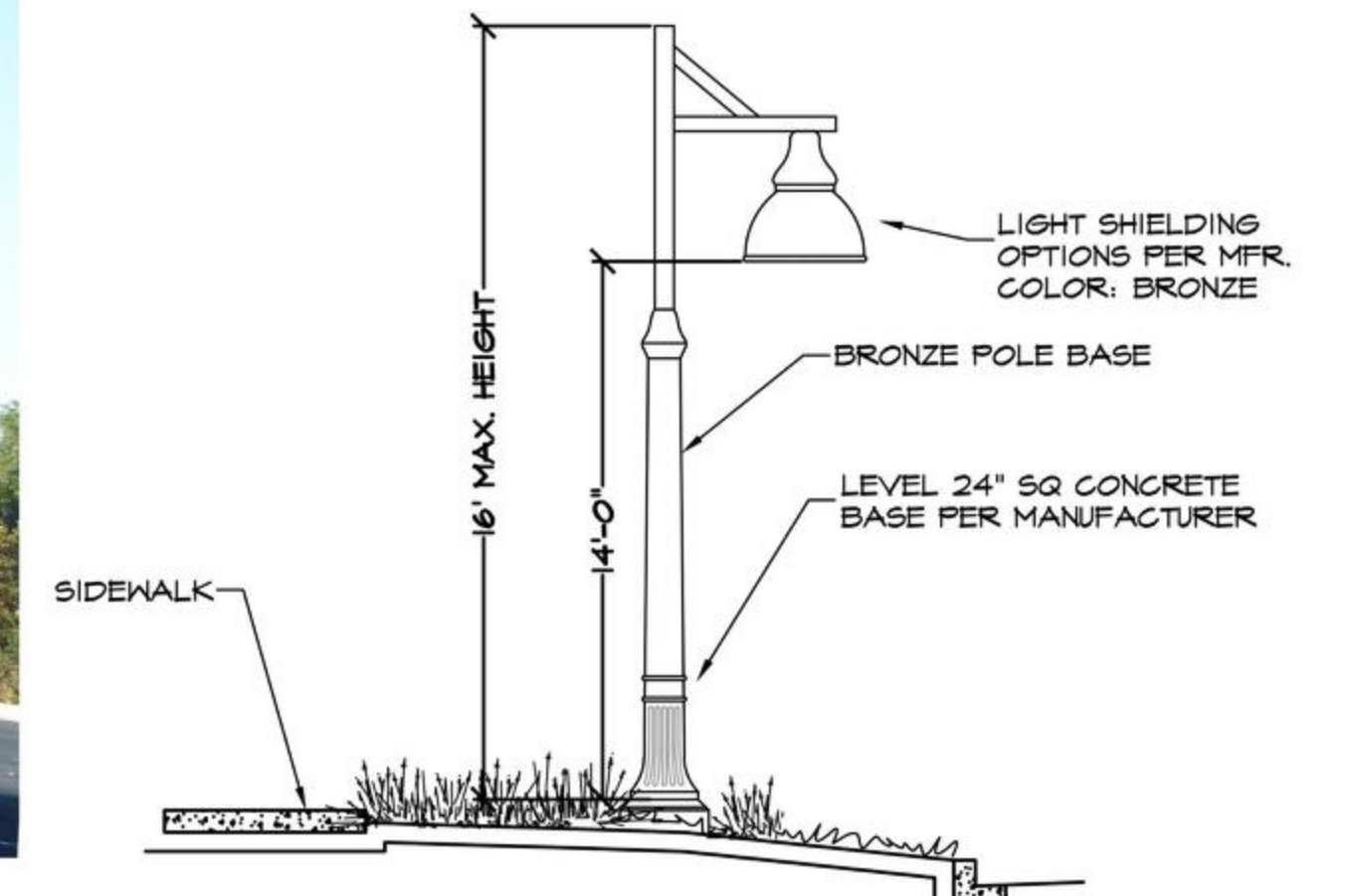
**LIGHTING LEGEND**

- ☉ — 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-345-FG-1A-SQUARE-BZ / POLE: DBE-4F-14-BZ

**SHIELDED LIGHT STANDARD**

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

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

**Fluorescent Two Light Outdoor Wall Lantern**



Catalog View: 2012 Full Line Catalog

**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.



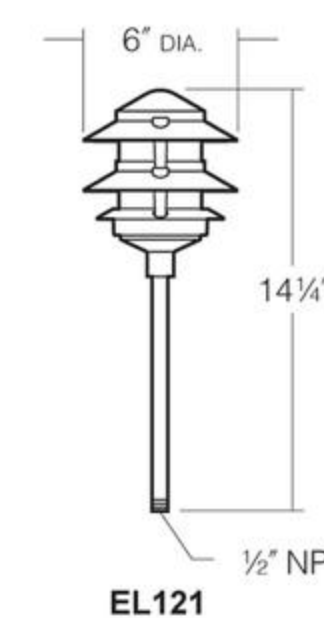
89060BLE-755

**WALL SCONCE LIGHT**

**KIM LIGHTING EL DORADO**



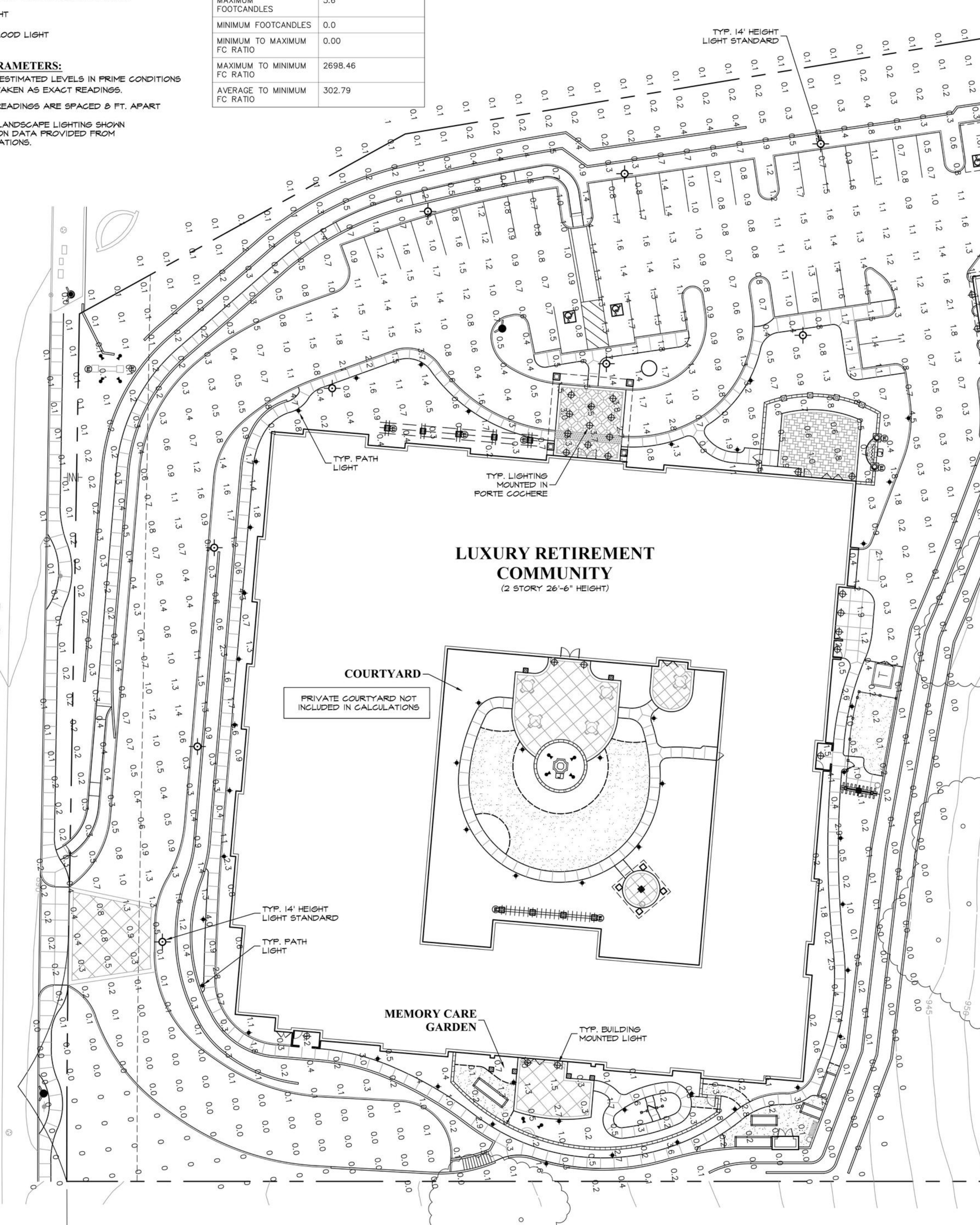
**SPECIFICATIONS**  
**Hood:** Die-cast aluminum.  
**Husk:** Die-cast aluminum.  
**Globe:** Diffuse-coated glass, threaded to husk, with neoprene gasket.  
**Stem:** 1/2" schedule 40 aluminum pipe with 1/2" NPT and solid brass locknut for mounting.  
**Socket:** Porcelain medium base.  
**Wiring:** 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.



EL121

**PATH LIGHT**

**ORDERING INFORMATION**  
 Cat. No. Construction Wattage / Lamp  
 EL121BL Aluminum 75W  
 Aluminum Finishes  
 Black BL



**LUXURY RETIREMENT COMMUNITY**  
 (2 STORY 26'-6" HEIGHT)

**COURTYARD**

PRIVATE COURTYARD NOT INCLUDED IN CALCULATIONS

**MEMORY CARE GARDEN**

**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**

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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, 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>

Oakmont - Los Angeles-South Coast County, Annual

**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**

Oakmont - Los Angeles-South Coast County, Annual

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, Annual

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, Annual

**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>

Oakmont - Los Angeles-South Coast County, Annual

**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>

Oakmont - Los Angeles-South Coast County, Annual

**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>

Oakmont - Los Angeles-South Coast County, Annual

**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>

Oakmont - Los Angeles-South Coast County, Annual

**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>

Oakmont - Los Angeles-South Coast County, Annual

**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>



Oakmont - Los Angeles-South Coast County, Annual

**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>

Oakmont - Los Angeles-South Coast County, Annual

**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>

Oakmont - Los Angeles-South Coast County, Annual

**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>

Oakmont - Los Angeles-South Coast County, Annual

**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>

Oakmont - Los Angeles-South Coast County, Annual

**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>

Oakmont - Los Angeles-South Coast County, Annual

**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>

Oakmont - Los Angeles-South Coast County, Annual

**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**

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	0.0792	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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Oakmont - Los Angeles-South Coast County, Annual

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

Oakmont - Los Angeles-South Coast County, Annual

**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>

Oakmont - Los Angeles-South Coast County, Annual

**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**

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**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>

Oakmont - Los Angeles-South Coast County, Annual

**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

#### 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**

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**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

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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 - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
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
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**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
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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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