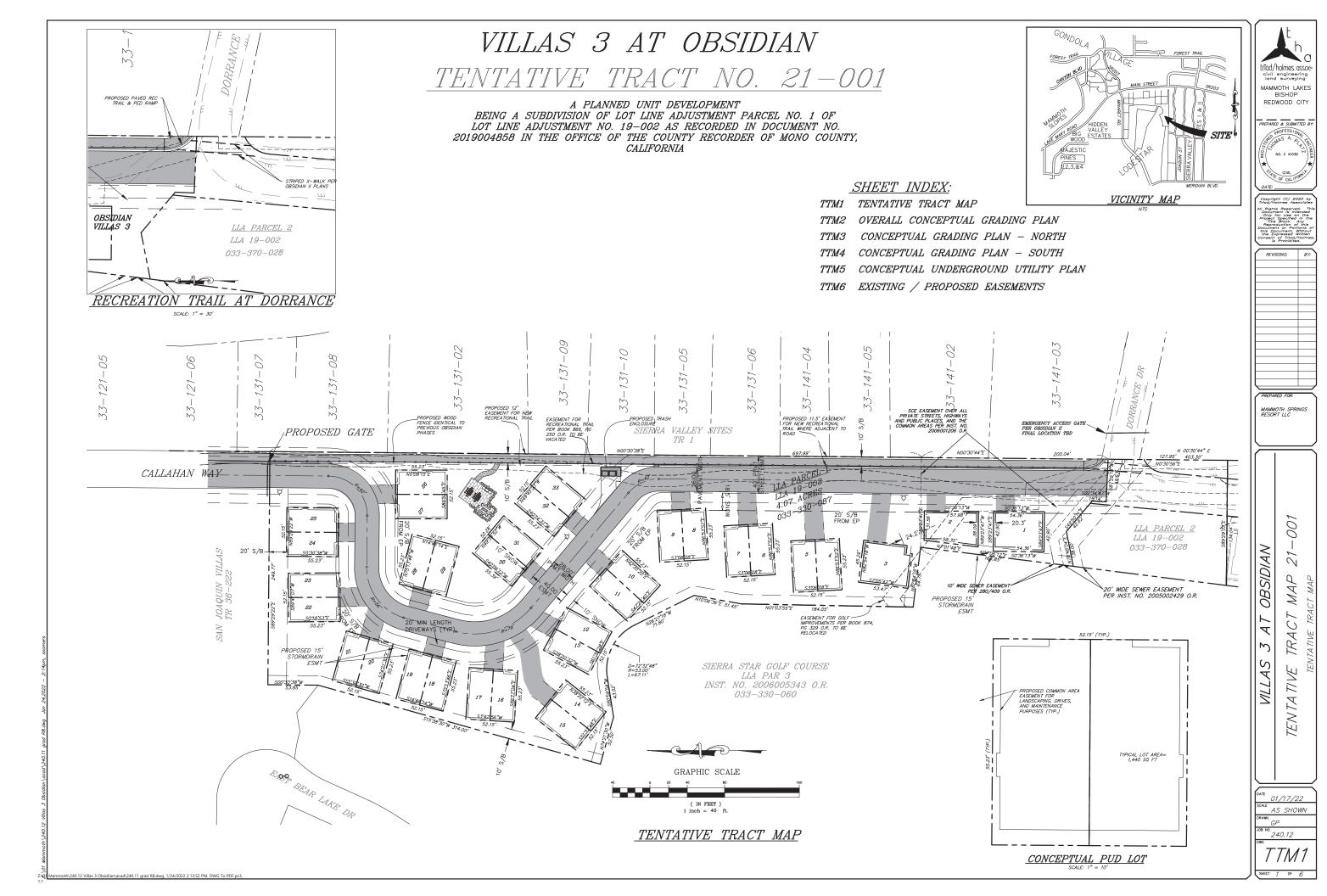
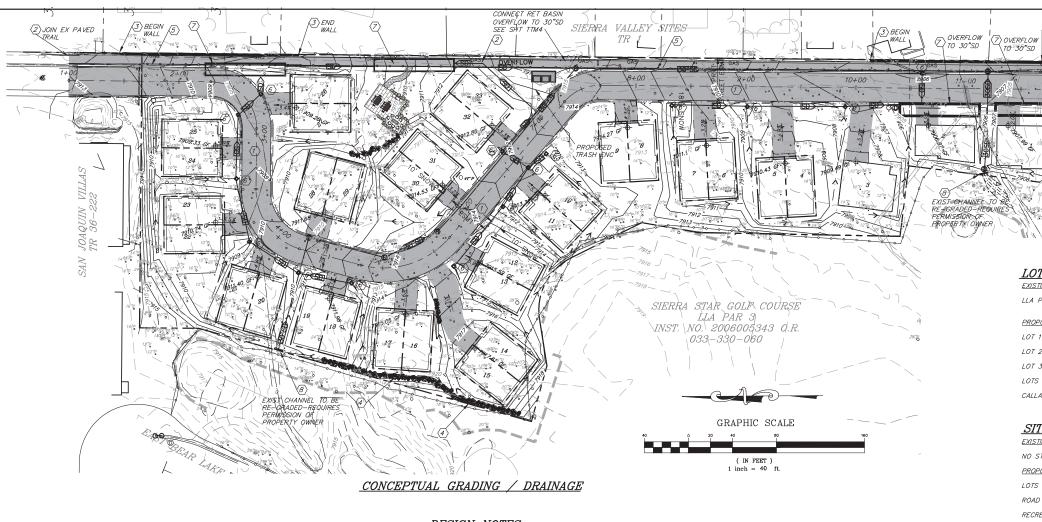
# Attachment 2 Project Plans

Note: Full size plans are available online at: <a href="https://www.townofmammothlakes.ca.gov/1073/Villas-III">https://www.townofmammothlakes.ca.gov/1073/Villas-III</a>





#### PARKING SUMMARY

UNIT NO.	NO. BDRMS/ UNIT	PROVIDED SPACES	REQ'D SPACES	SURPLUS (GUEST SPACES IN DRIVEWAY)	SPACES REQ'D
1	4 BR	4 (2-GAR 2-DRIVEWAY)	3	1	
2	4 BR	4 (2-GAR 2-DRIVEWAY)	3	1	
3	4 BR	4 (2-GAR 2-DRIVEWAY)	3	1	
4-33	3 BR EA	3 EA (2-GAR 1-DRIVEWAY)	2 EA	30	
	TOTAL SPACES	102	69	33	11

# DESIGN NOTES

ASSESSOR'S PARCEL EXISTING DRAINAGE:

WATER SUPPLY: SEWAGE DISPOSAL: ELECTRIC: TELEPHONE: FIRE PROTECTION: SOLID WASTE: EROSION CONTROL:

033-330-087
SHEET FLOW EASTERLY, TWO MAJOR OFFSITE DRAINAGE CHANNELS WILL BE
INTERCEPTED AND DIRECTED TO 42" STORM DRAIN IN DORRANCE DR
MAMMOTH COMMUNITY WATER DISTRICT
MAMMOTH COMMUNITY WATER DISTRICT
SOUTHERN CALIFORNIA EDISON
FRONTIER COMMUNICATIONS
TO BE DETERMINED
MAMMOTH LAKES FIRE PROTECTION DISTRICT
MAMMOTH DISPOSAL
PER SWPPP

# **BOUNDARY**

BEARINGS AND DISTANCES SHOWN HEREON ARE PER SAN JOAQUIN VILLAS FINAL TRACT MAP NO. 36-222, TRACT MAP BOOK 10 PAGE

# UTILITY EASEMENTS

UTILITY EASEMENTS TO BE PROVIDED AS NECESSARY AND PER REQUIREMENTS OF INDIVIDUAL UTILITY COMPANIES, EITHER A DEFINED STRIP, OR NON-EXCLUSIVE GRANT OF "LOT A," OR BLANKET TYPE.

### OWNER/SUBDIVIDER

MAMMOLH SPRINGS RESURT LLC 1242 CADIZ DR SIMI VALLEY, CA 93065 CONTACT: POORVA GARG 323-629-3569 EMAIL: poorva.garg1995@gmail.com

#### PREPARED BY

TRIAD/HOLMES ASSOCIATES P.O. BOX 1570 MAMMOTH LAKES, CA 93546

# **EARTHWORK**

 $CUT = 2340 \ CU \ YDS$   $FILL = 3710 \ CU \ YDS$ NET = 1370 CU YDS (FILL)

#### LOT AREAS EXISTING LOT AREA:

4.07± AC 177,289 SF LLA PAR 1

PROPOSED AREAS:

LOT 1 2,322 S.F.

LOT 2 2,019 S.F. LOT 3 2,370 S.F. LOTS 4-33

1.08 ACRES± (1,440 S.F. EACH (P.U.D. LOTS) = 43,200 S.F.) CALLAHAN WAY 1.05 ACRES± (45,920 S.F. 40' WIDE PRIVATE ROAD EASEMENT)

(2) X-WALK TO EX PAVED

LLA PARCEL 2 LLA 19-002 033-370-028

#### SITE COVERAGE

EXISTING COVERAGE:

NO STRUCTURES CURRENTLY ON THIS PROPERTY

PROPOSED COVERAGE T

LOTS 1-33 40,585 SF ROAD PAVEMENT 29,834 SF RECREATIONAL TRAIL 7.184 SF DRIVEWAYS 8.600 SF

TOTAL SITE COVERAGE 86,203 / 177,289 = 49% (60% ALLOWED)

#### CONSTRUCTION NOTES

- $\langle \overline{1} \rangle$  CONSTRUCT ROAD 4" HMA ON 6 CL 2 AGG BASE
- (2) CONSTRUCT 8' WIDE REC TRAIL 3.5" HMA ON 4" CL 2 AGG BASE
- $\langle \overline{\it 3} \rangle$  CONSTRUCT RETAINING WALL 6' MAX HEIGHT
- 4 CONSTRUCT 3.5' HIGH ROCK RETAINING WALL
- (5) CONSTRUCT 6" CONCRETE CURB & GUTTER
- 6 INSTALL 24" PRECAST DROP INLET
- (Z) CONSTRUCT STORMWATER RETENTION BASINS w/2-42" PERF CPP TOTAL PIPE LENGTH IN 3 BASINS = 570 LF
- 8 CONSTRUCT CONCRETE HEADWALL DRAINAGE INLET

## **LEGEND**

EXISTING UTILITY POLE

EXISTING TREE DIAMETER/TYPE TO BE REMOVED

FXISTING WATER VALVE

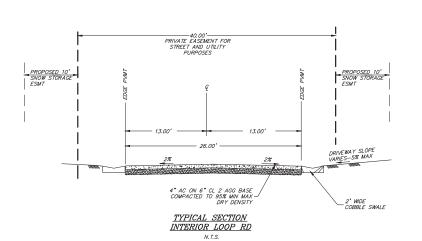
EXISTING STORMDRAIN & DIRECTION OF FLOW

-GAS-EXISTING AMERIGAS LINE

PROPOSED DRAINAGE SWALE & DIRECTION OF FLOW — SD — PROPOSED STORMDRAIN & DIRECTION OF FLOW

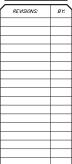
PROPOSED AC PAVEMENT

PROPOSED FENCE ALONG
WEST SIDE OF TRAIL
IDENTICAL TO PREVIOUS ORSIDIAN PHASES DRIVEWAY SLOPE VARIES-5% MAX 8' WIDE PAVED\_)
REC PATH 6" CURB & GUTTER\_ PER TOWN STD 102 TYPICAL SECTION CALLAHAN WAY EXTENSION N. T. S.



triad/holmes assoc MAMMOTH LAKES RISHOP REDWOOD CITY

REPARED & SUBMITTED B NO. C 41039

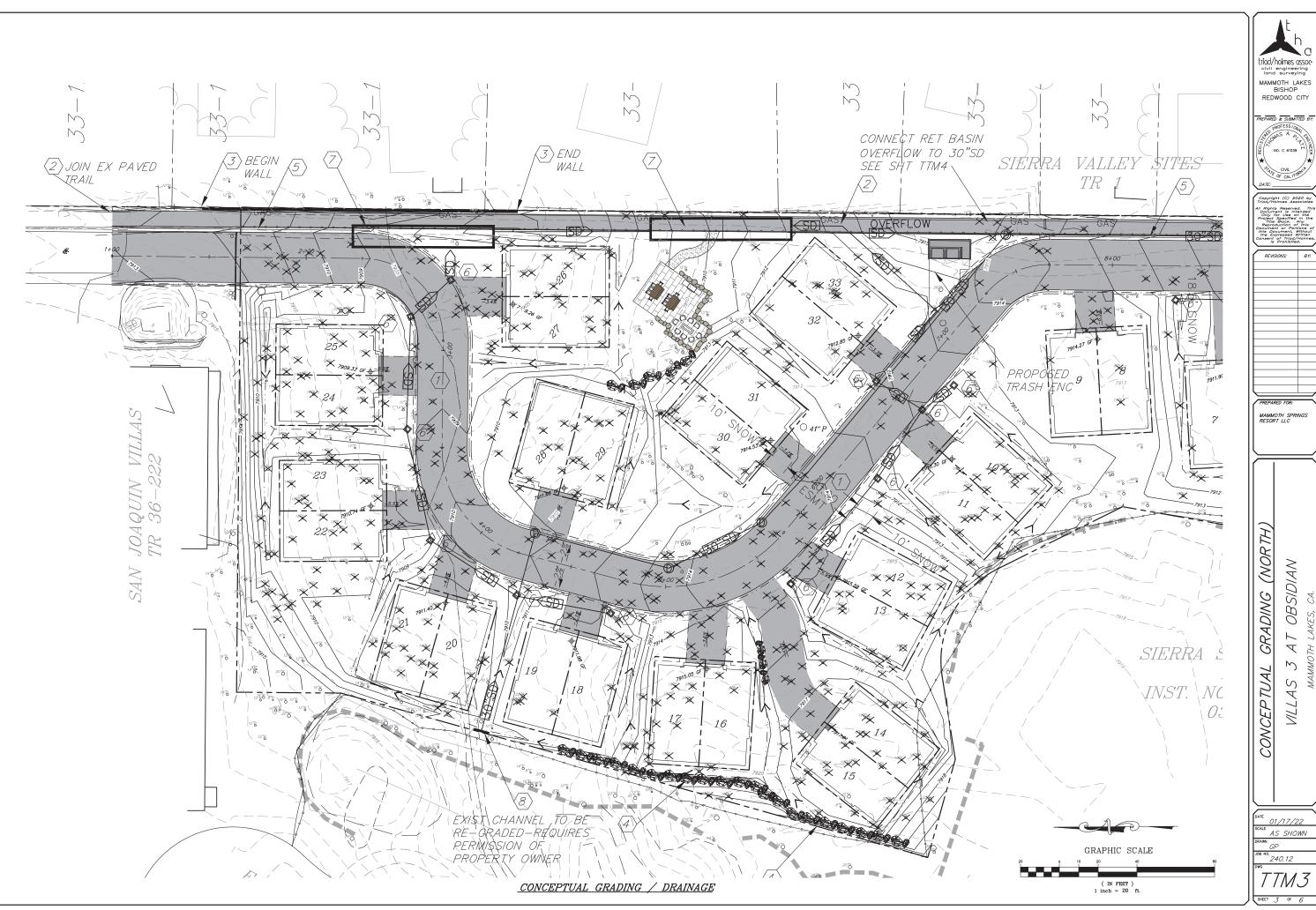


PREPARED FOR: MAMMOTH SPRINGS RESORT LLC

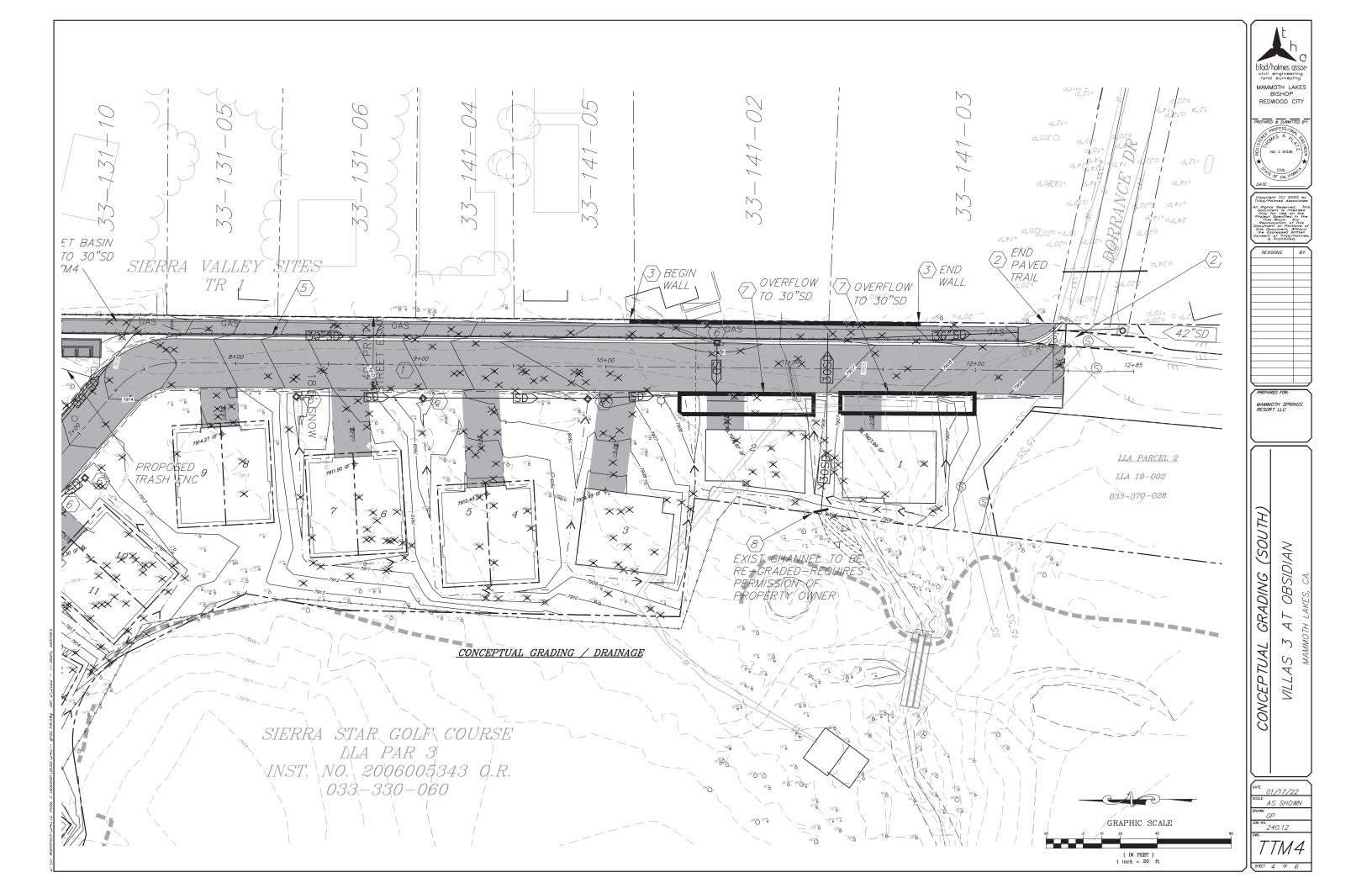
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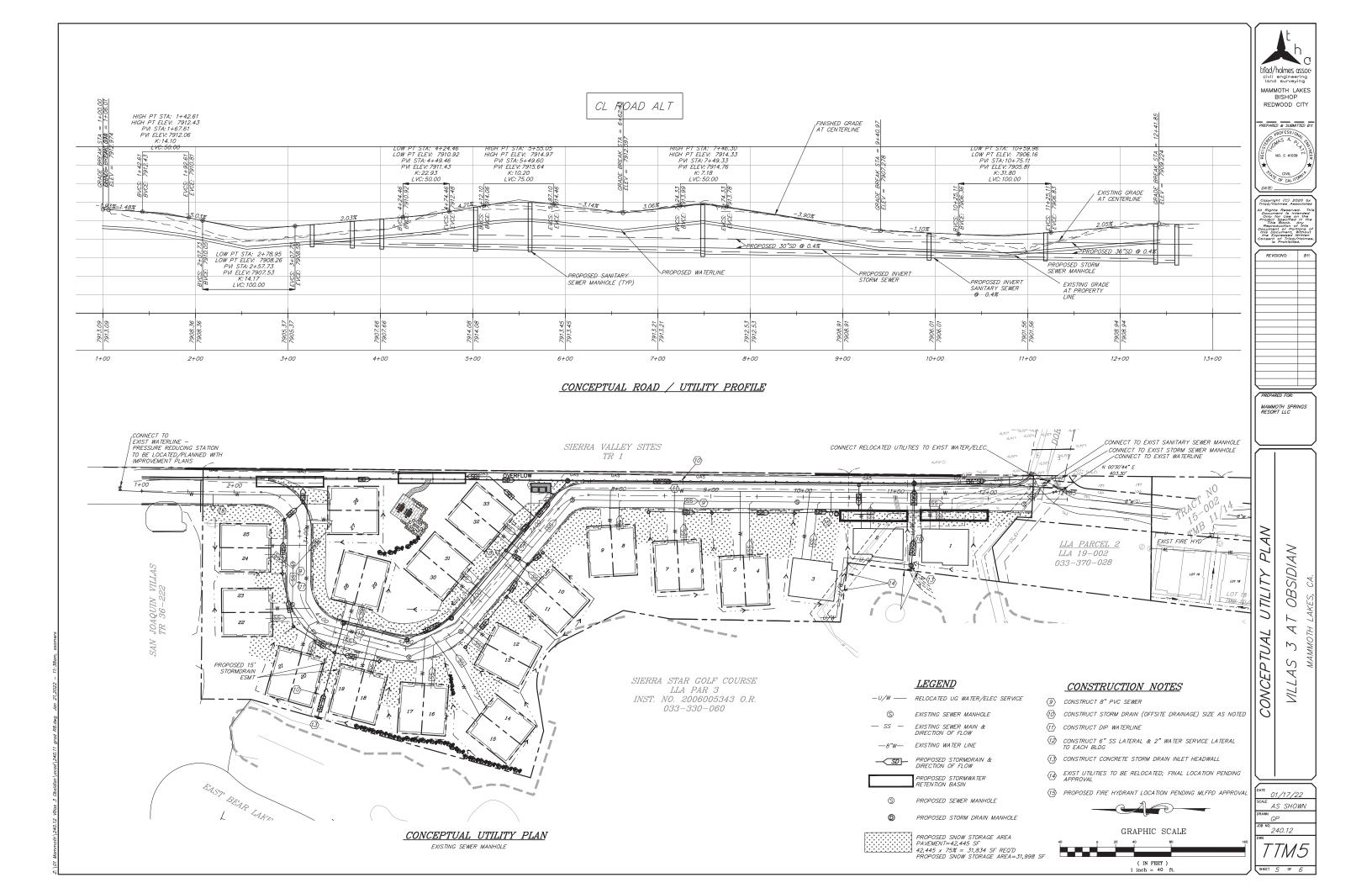
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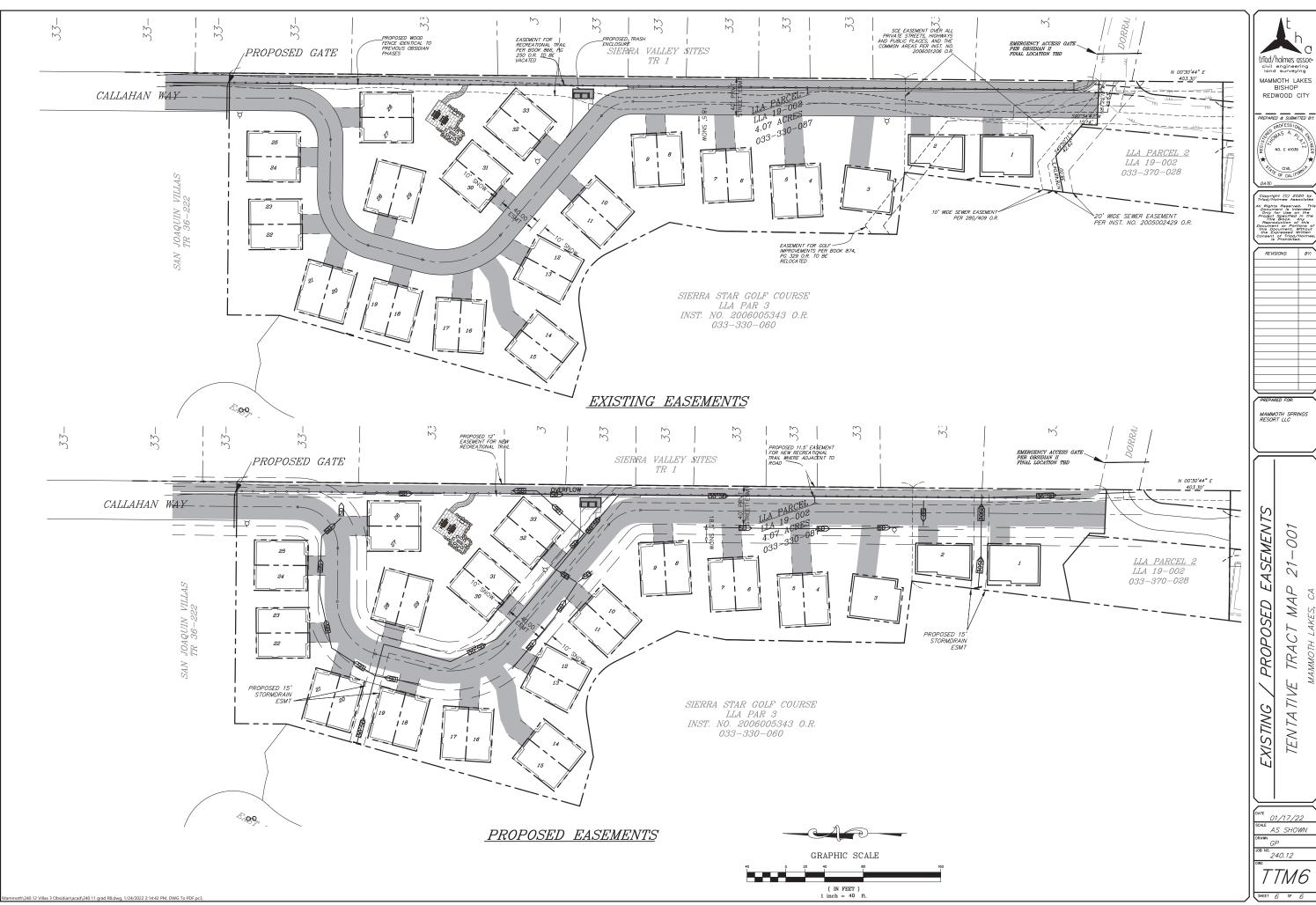
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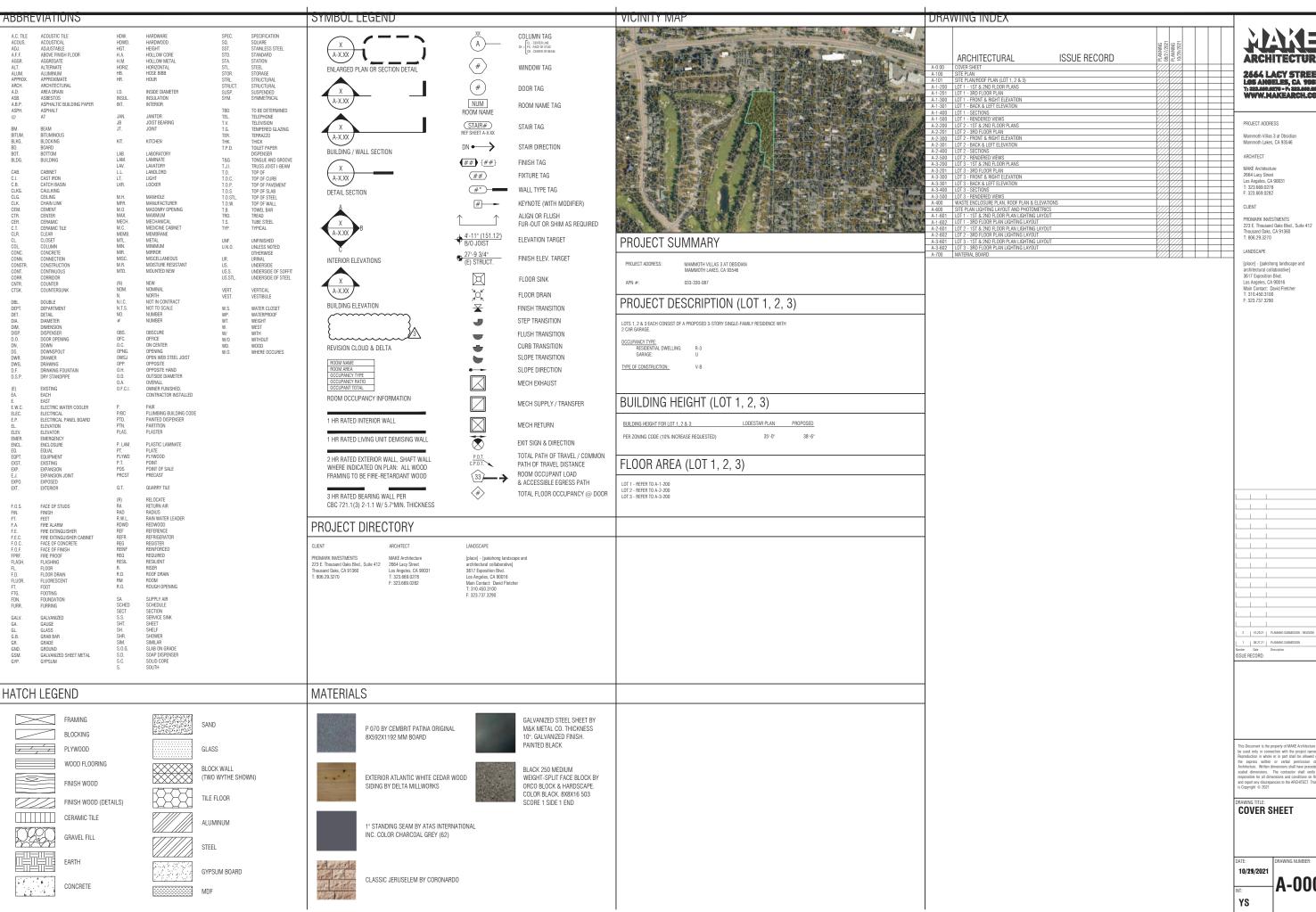












2664 LACY STREET LOS ANGELES, CA 90031 TI SILMANTO - TI SILMANTO WWW.MAKEARCH.COM

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Mammoth Villas 3 at Obsidian Mammoth Lakes, CA 93546

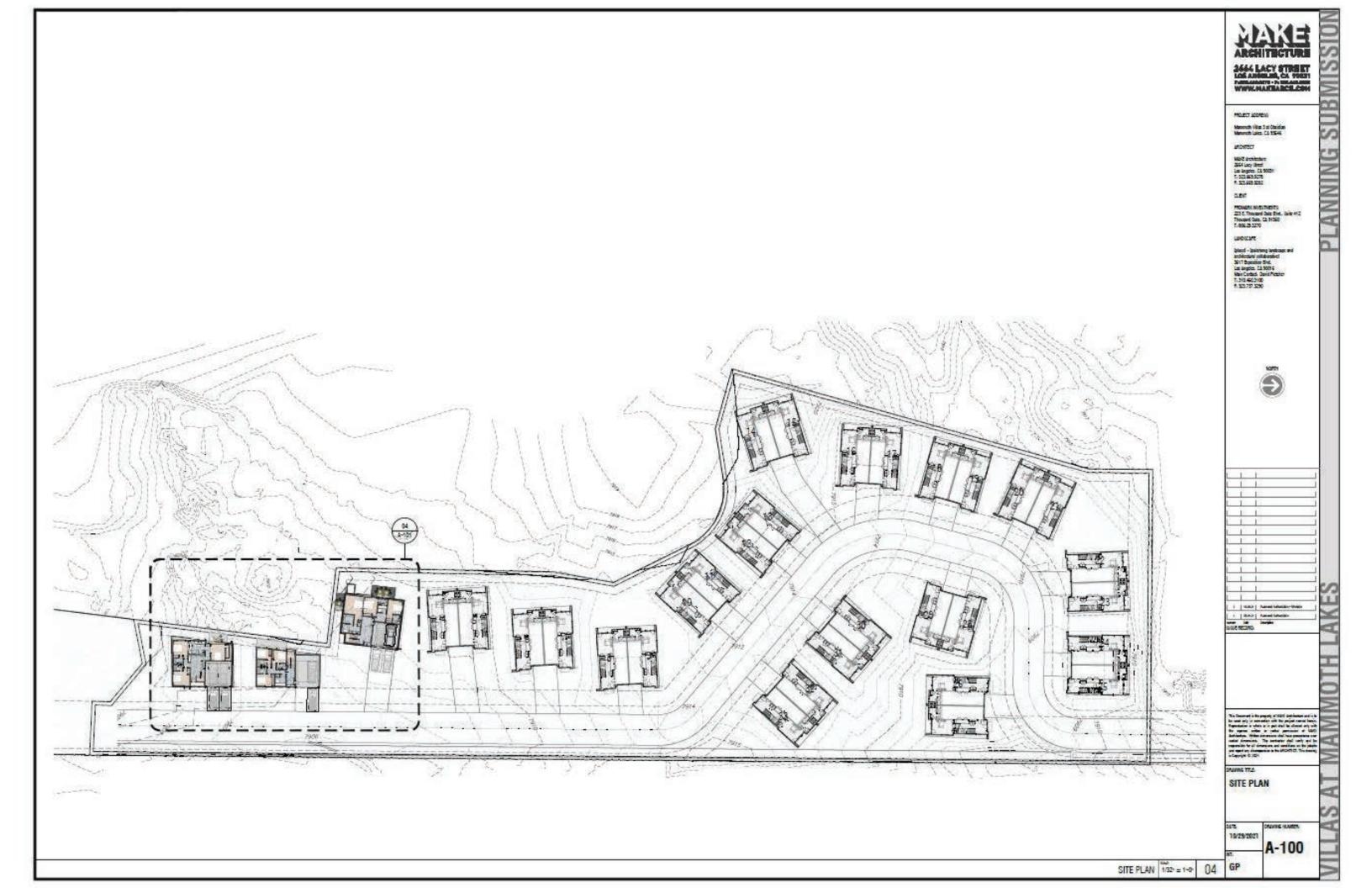
2664 Lacy Street Los Angeles, CA 90031

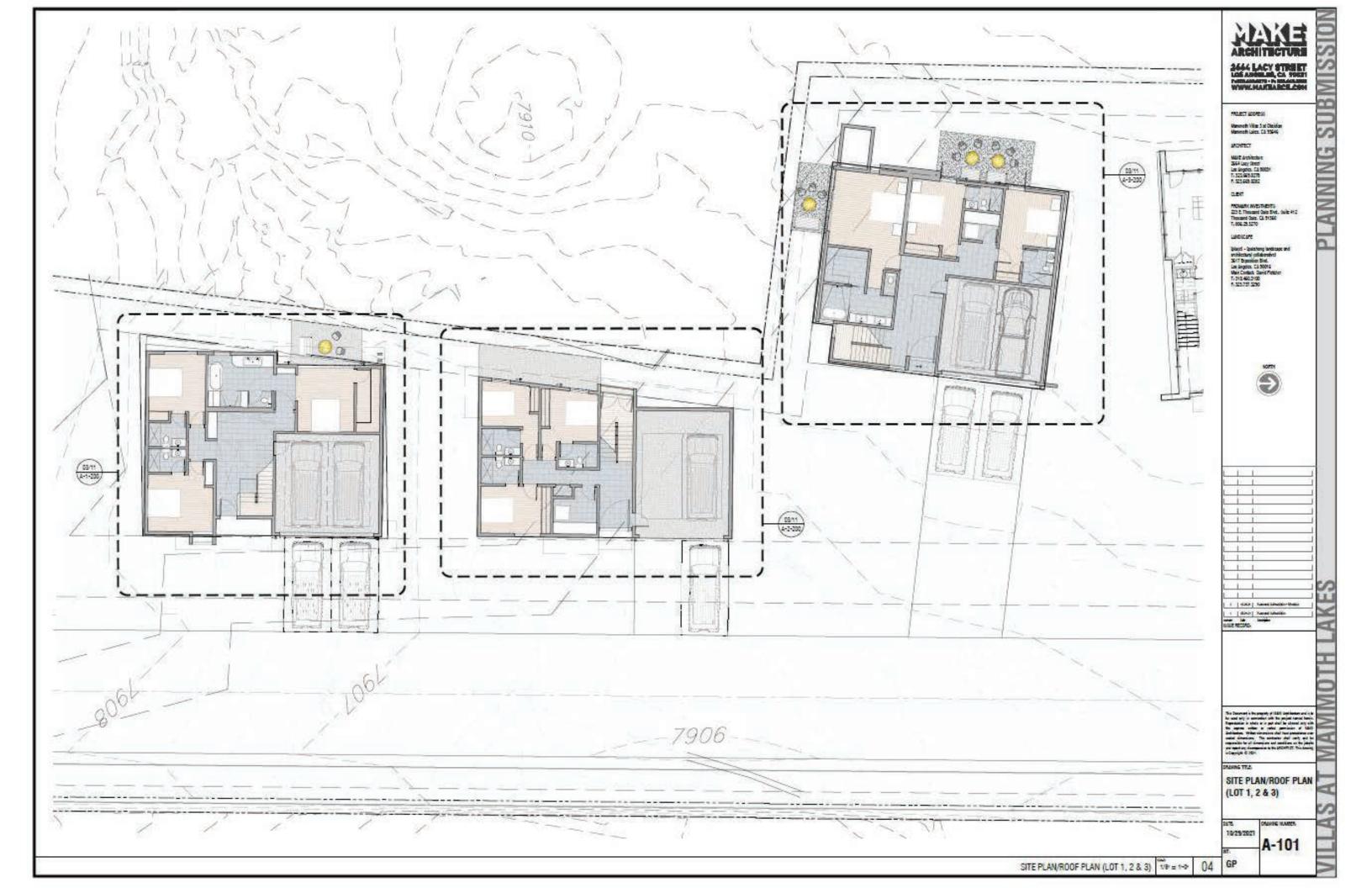
PROMARK INVESTMENTS 223 E. Thousand Oaks Blvd., Suite 412 Thousand Oaks, CA 91360 T: 806.29.3270

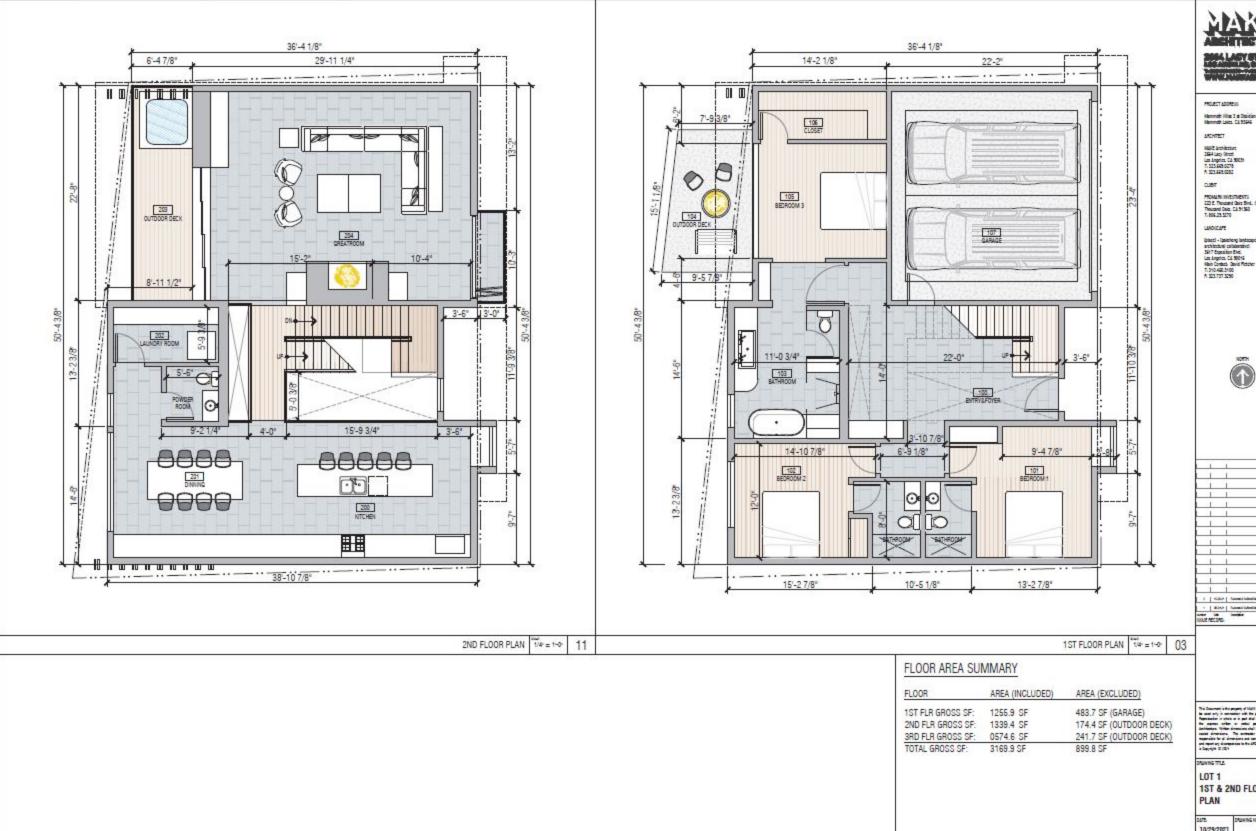
[place] - [pakshong landscape and architectural collaborative] 3617 Exposition Blvd. Los Angeles, CA 90016 Main Contact: David Fletcher T: 310.450.3100 F: 323.737.3290

**COVER SHEET** 

A-000







PROJECT ADDRESS

PROMENUMENTMENTS 220 E. Treuzard Osis Strd., Suite 412 Treuzard Osis, Cd 91360 T. 804-23-3270

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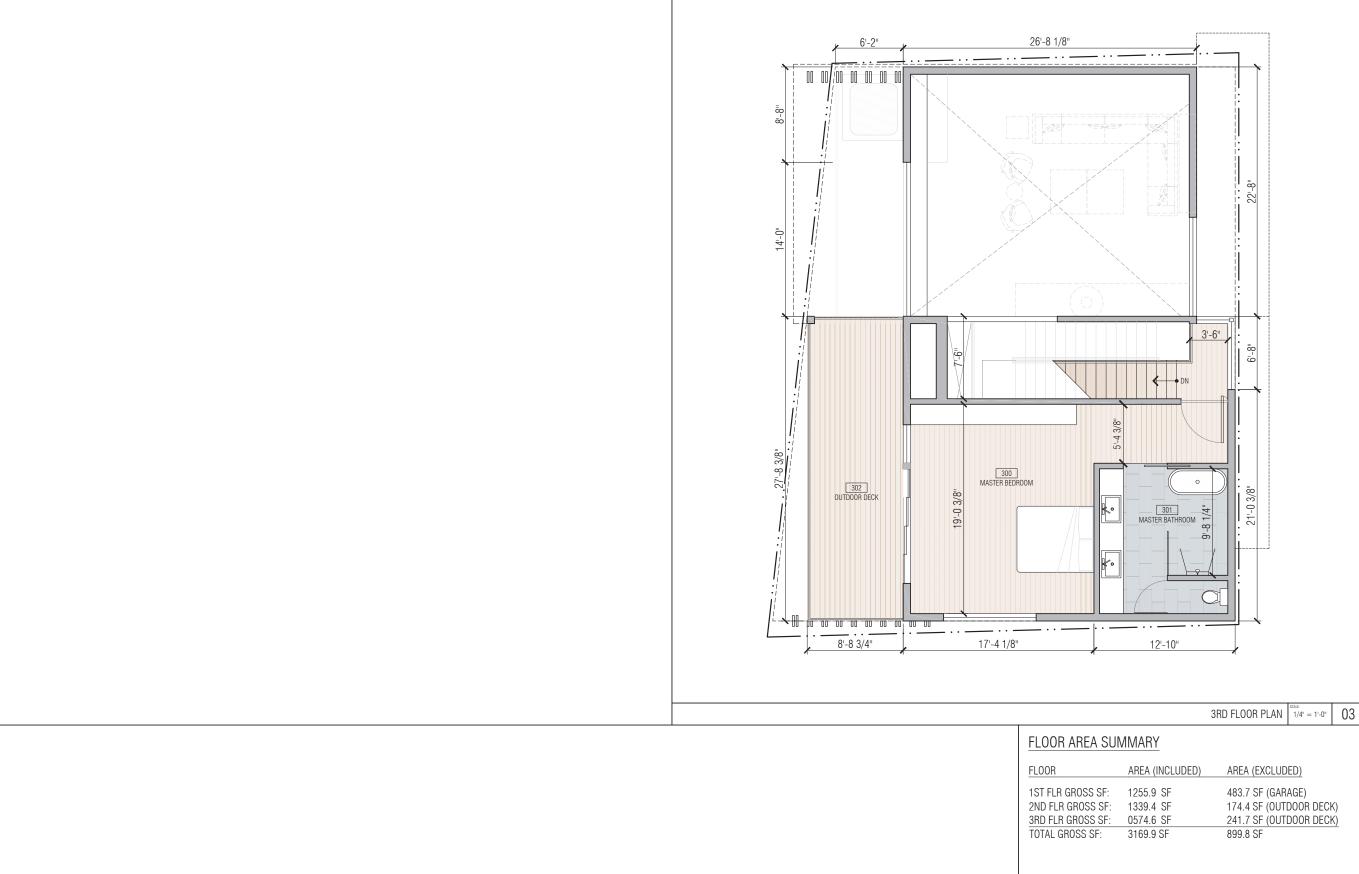
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ES

1ST & 2ND FLOOR

DAWNS HARES. 10/25/2021 A-1-200

AREA CALCULATION NTS 04



ARCHITECTURE

2664 LACY STREET LOS ANGELES, CA 90031 T. 32246-278-Tr 22246-2822 WWW.MAKEARCH.COM

PROJECT ADDRESS

Mammoth Villas 3 at Obsidian Mammoth Lakes, CA 93546

ARCHITECT

MAKE Architecture 2664 Lacy Street Los Angeles, CA 90031 T: 323.669.0278 F: 323.669.0282

CLIENT

PROMARK INVESTMENTS 223 E. Thousand Oaks Blvd., Suite 412 Thousand Oaks, CA 91360 T: 806.29.3270

LANDSCAPE

[place] - [pakshong landscape and architectural collaborative] 3617 Exposition Blvd. Los Angeles, CA 90016 Main Contatz: David Fletcher T: 310.450.3100 F: 323.737.3290



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DRAWING TITLE:

LOT 1 3RD FLOOR PLAN

DATE: DRAWING NUMBER 10/29/2021

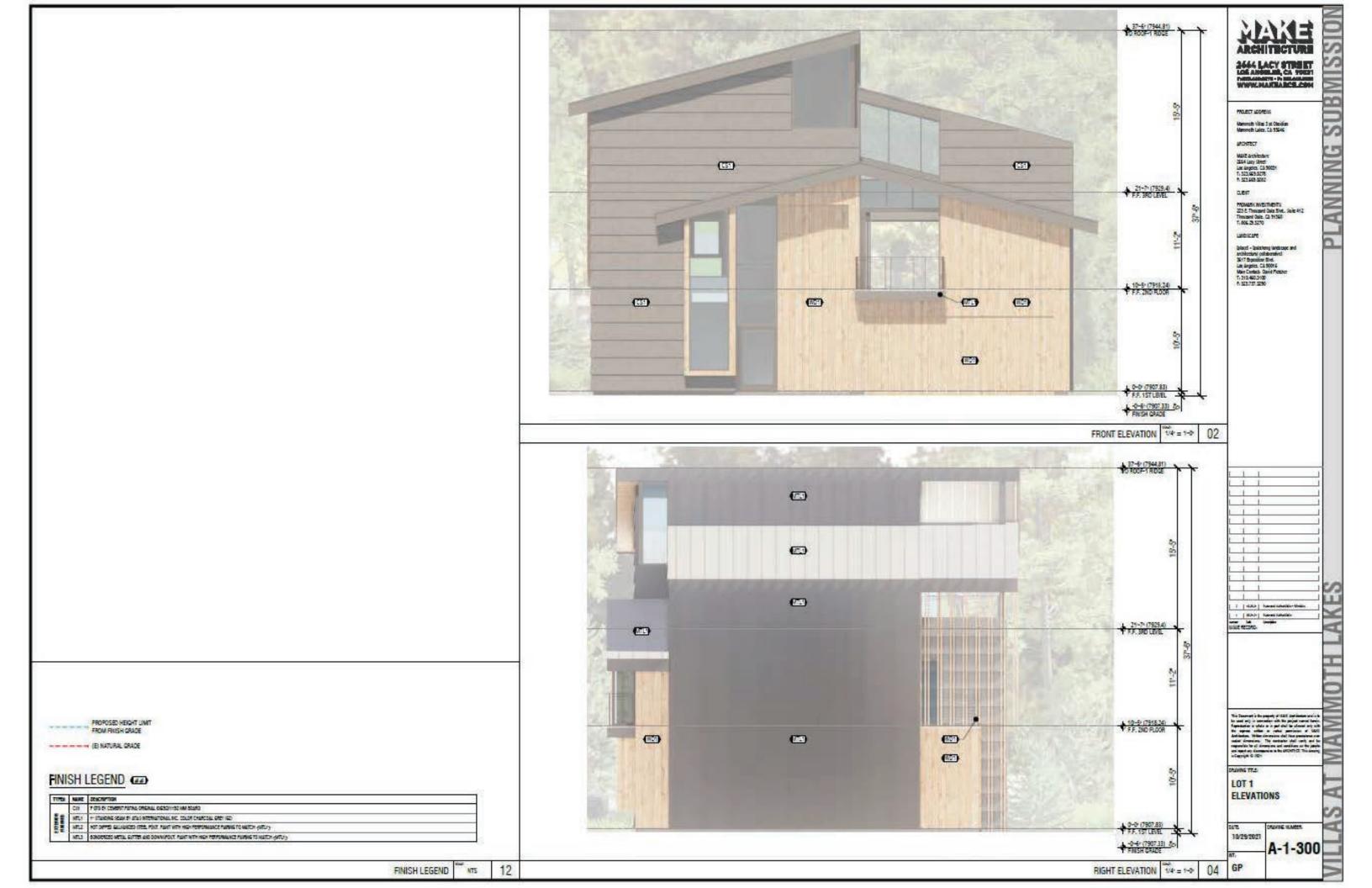
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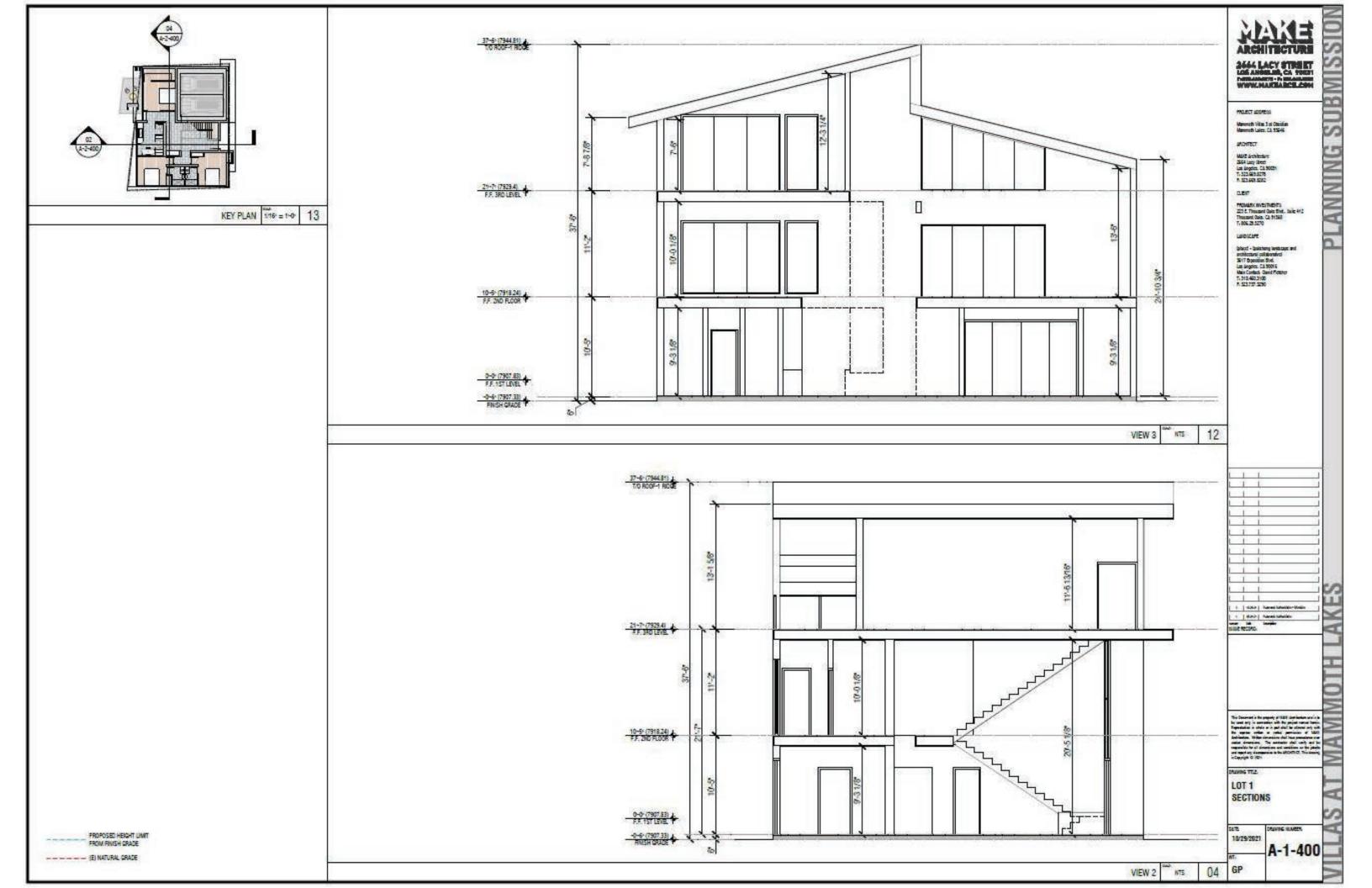
04

NTS

AREA CALCULATION











PROJECT ADDRESS

Manmoth Villas 3 at Obsidian Manmoth Laice. Ca 95646

MARE Architecture 2004 Lacy Rend Lac Engoles, CA 5000n T. 323 669 5276 F. 325 669 5282

PROMARY W/ESTMERTS 2315. Thousand Oaks Styd., Suite 442 Thousand Oaks, CJ 51360 T, 806, 28,3270

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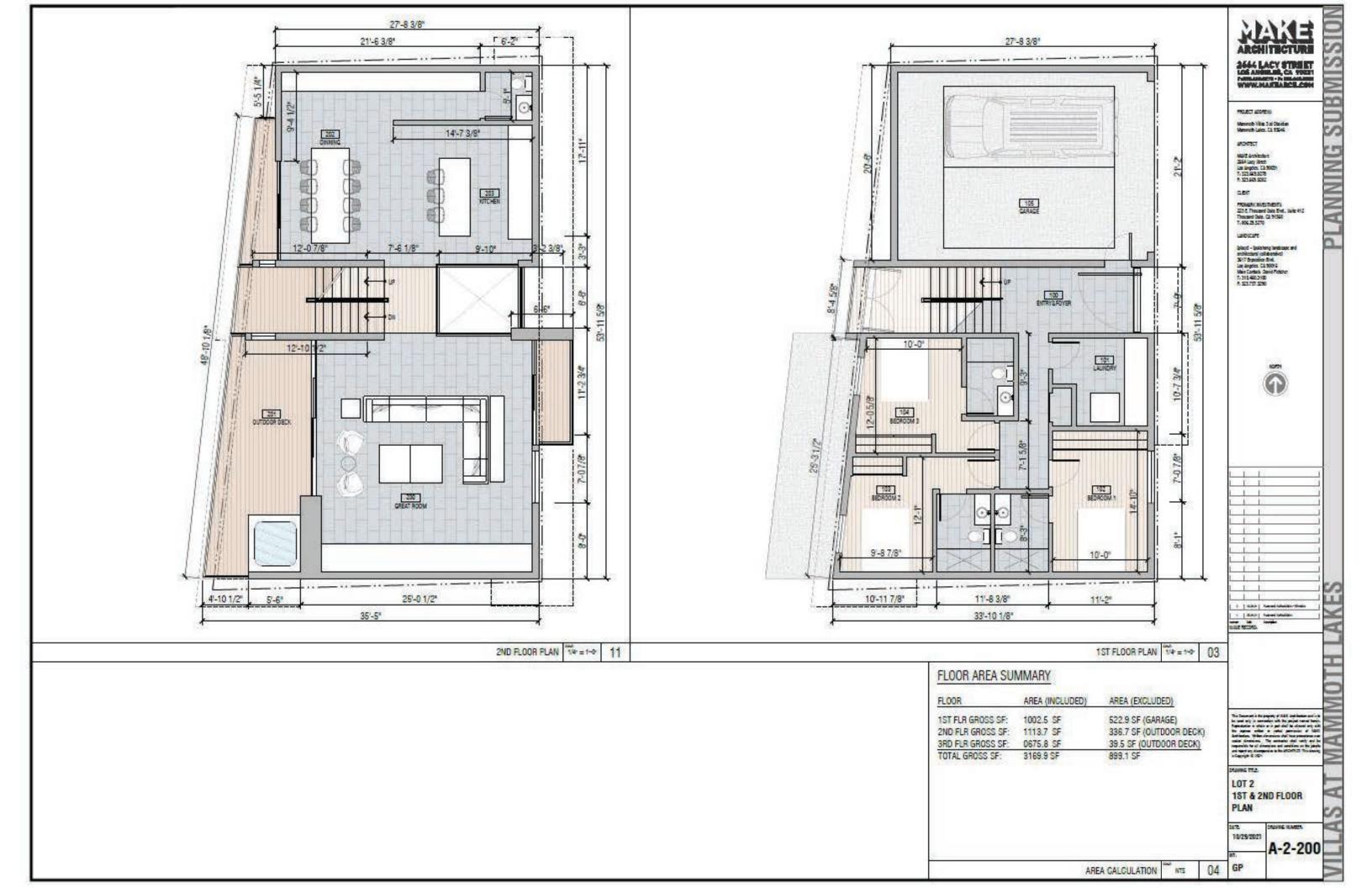
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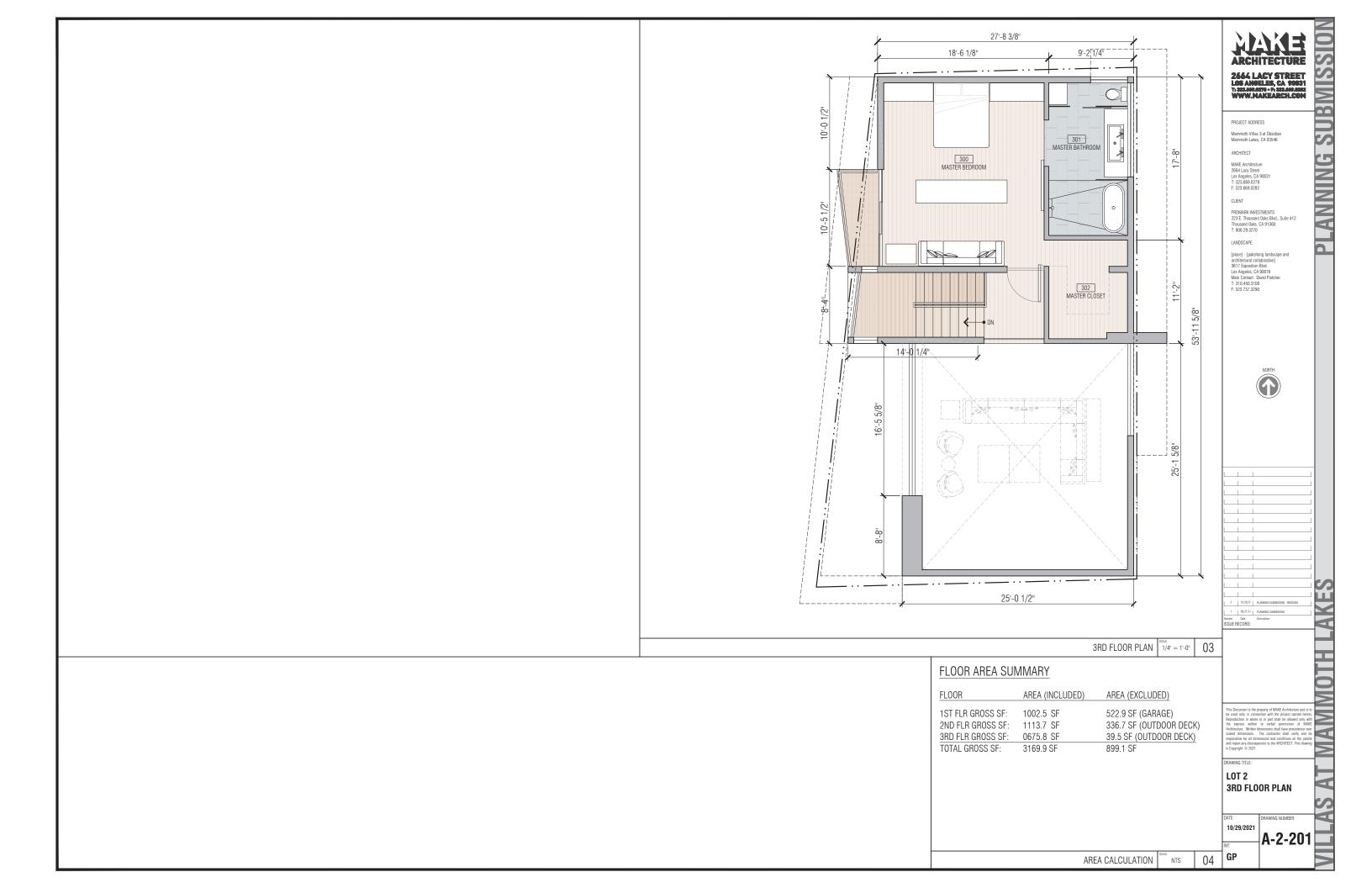
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VIEW 3

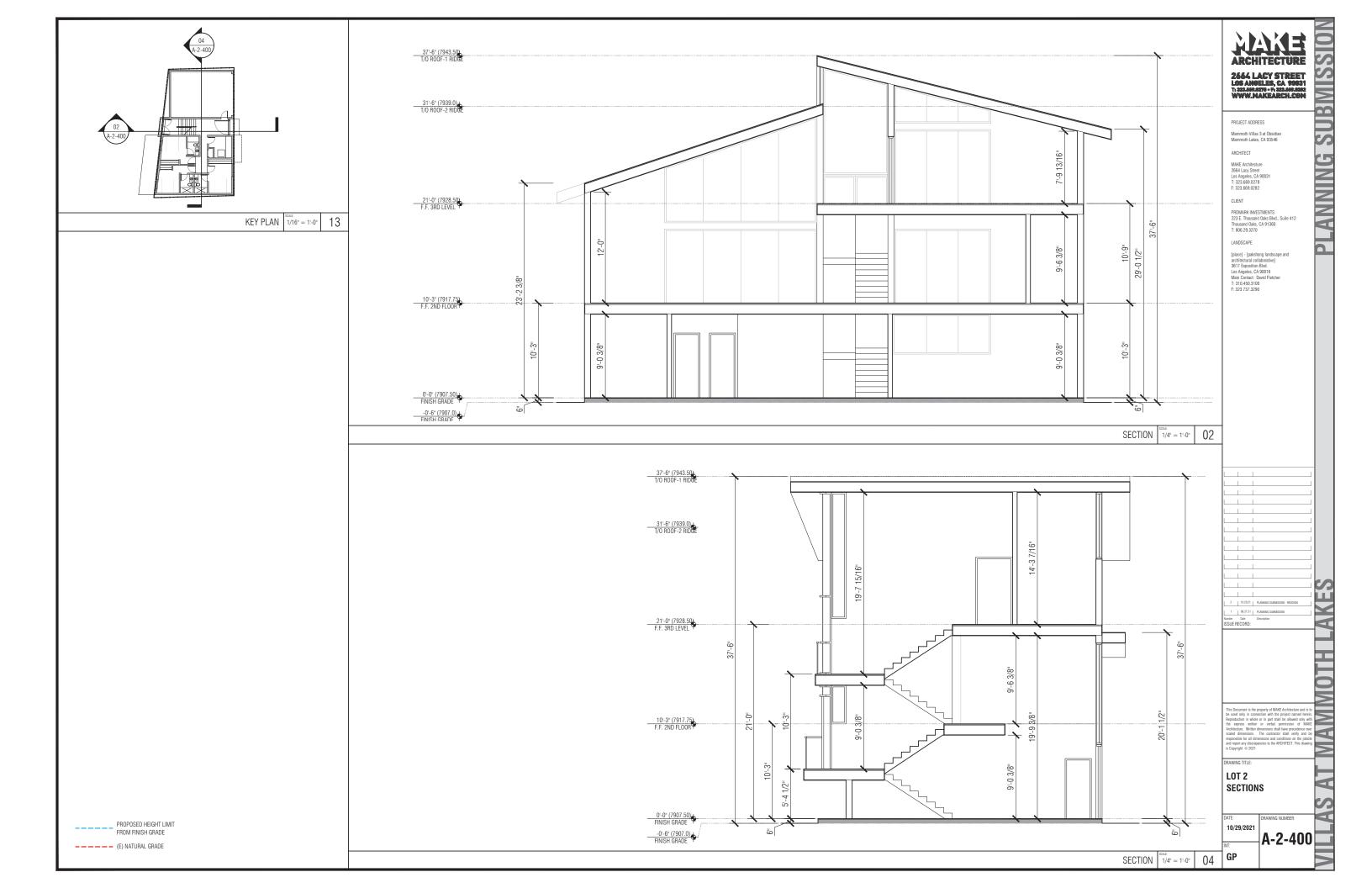
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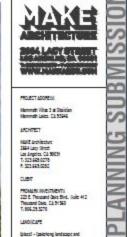












PROJECT ADDRESS.

Normati Villa 1 a Daiden Normati Laks, Ca 53246

NEWS prohibiture 2864 Lacy Street Lac Angoles, CA 50029 T. 323 668 0276 S. 323 668 0282

CLIST

PROMAIN INVESTMENTS
223 E. Thousand Gais Sind. Suite 412
Thousand Cale. Ed-91360
T. 804-23-3270

LANDSCAPE

Iplace! - Igain/reng landscape and architectural callaborative! SNT Expension Elect. Last Appelon. Call 500% Hain Contact. David Richter T. 510 420 5100 6: 523 737 5250



VIEW 1 NTS

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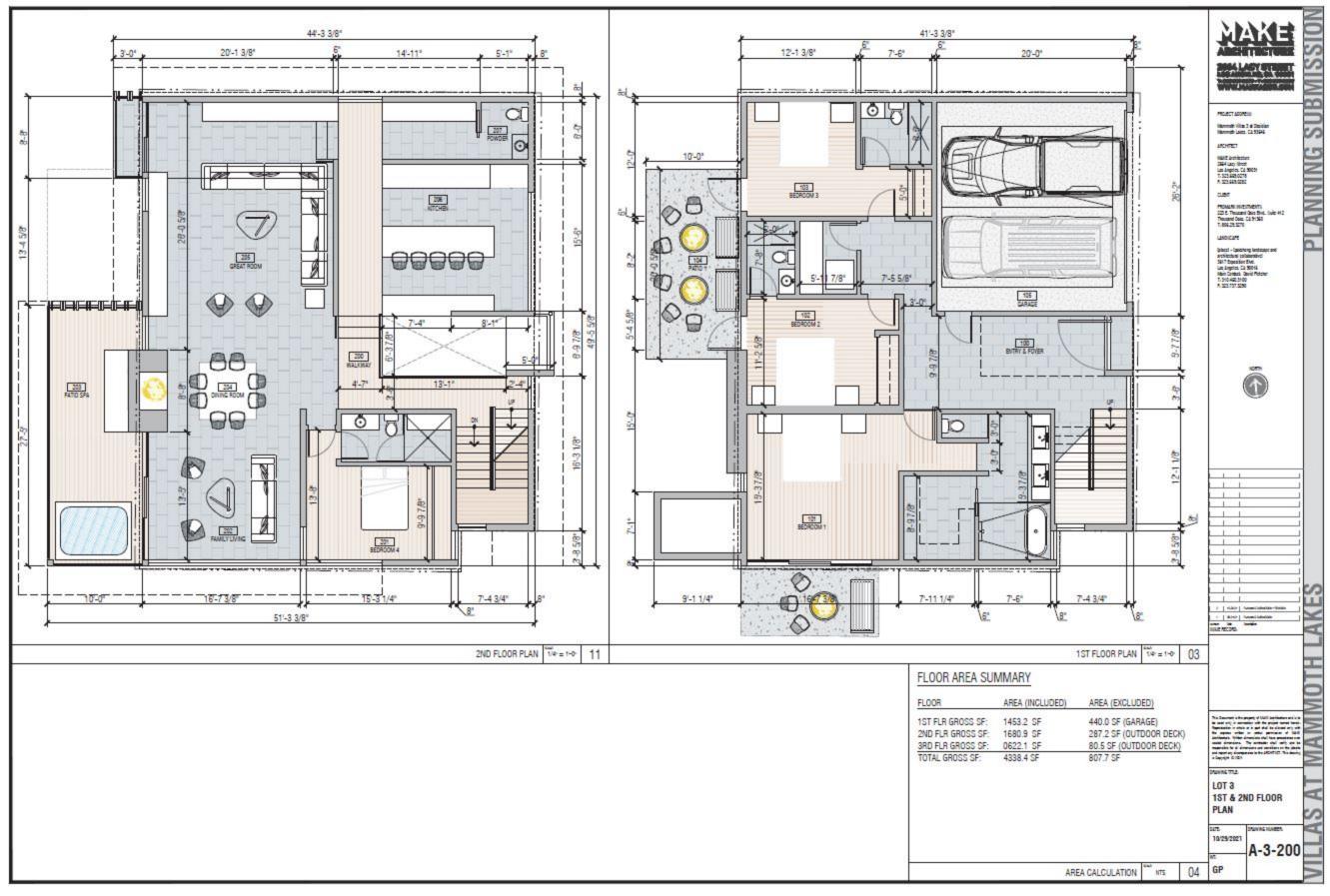
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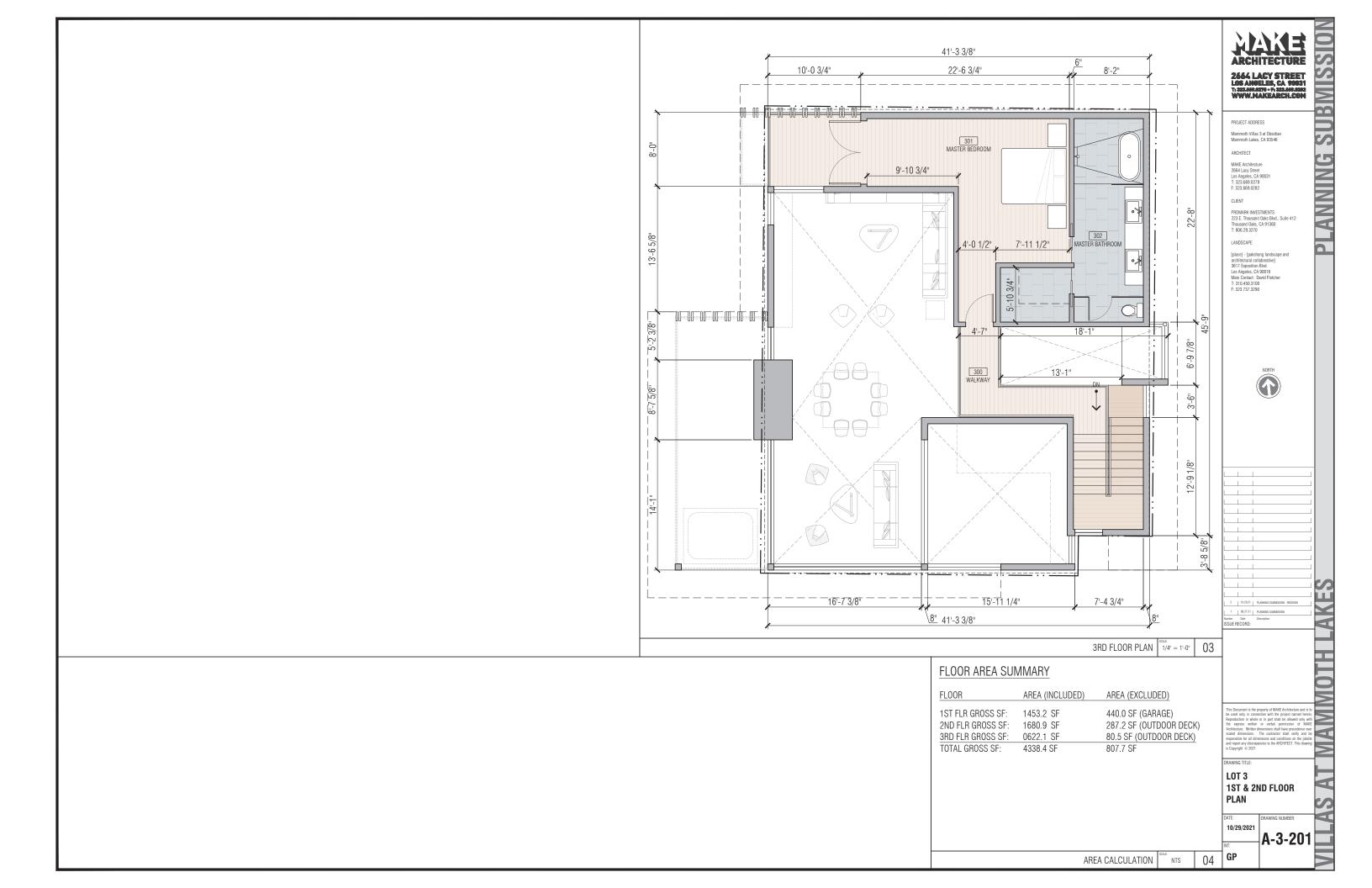
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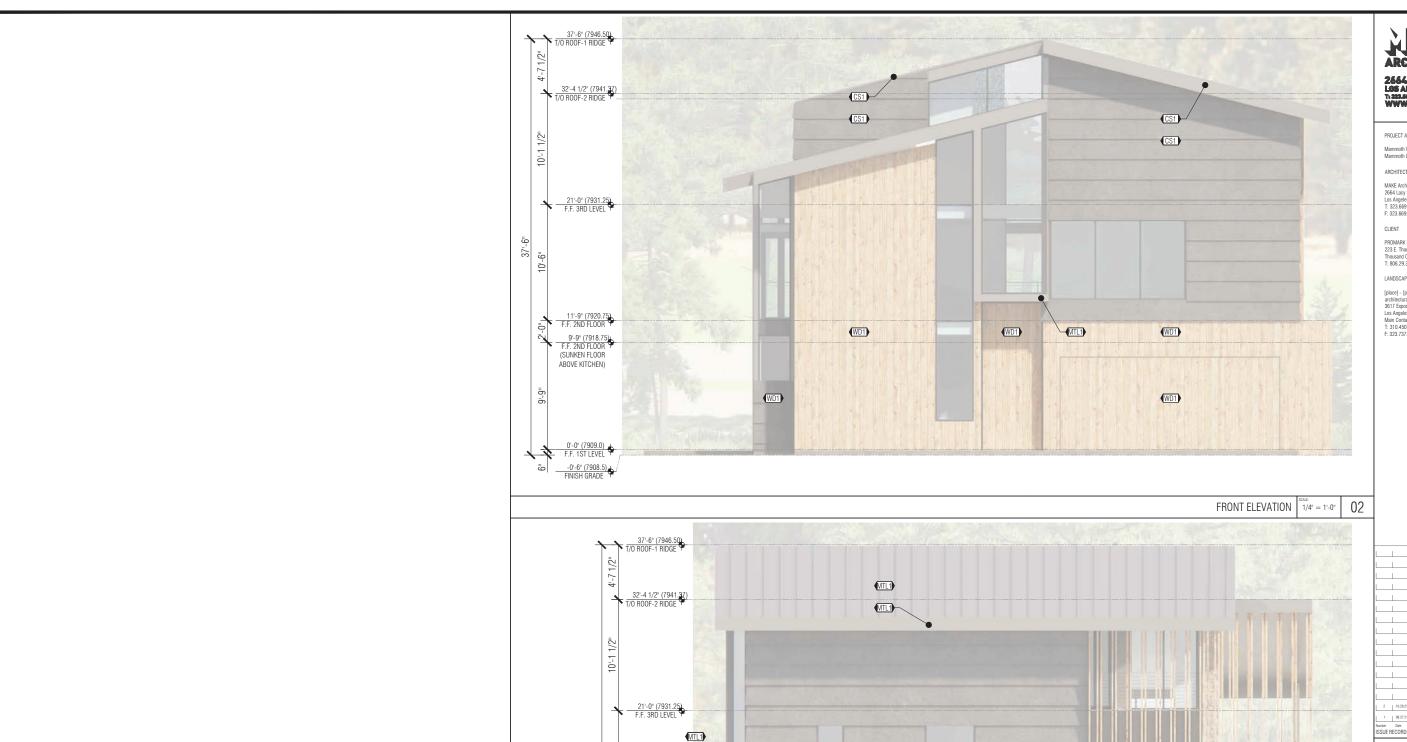
VIEW 3 NTS 12

VIEW 2 NTS

04







(CS1)

11'-9" (7920.75) F.F. 2ND FLOOR

9'-9" (7918.75) F.F. 2ND FLOOR (SUNKEN FLOOR

ABOVE KITCHEN)

0'-0" (7909.0) F.F. 1ST LEVEL

CS1

MTL1

CS1

WD1

2664 LACY STREET LOS ANGELES, CA 90031 11.323484878 - P. 3224864992 WWW.MAKEARCH.COM

PROJECT ADDRESS

ARCHITECT

MAKE Architecture 2664 Lacy Street Los Angeles, CA 90031 T: 323.669.0278 F: 323.669.0282

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LANDSCAPE

[place] - [pakshong landscape and architectural collaborative] 3617 Exposition Blvd. Los Angeles, CA 90016 Main Contact: David Fletcher T: 310.450.3100 F: 323.737.3290

2 | 10.29.21 | PLANNING SUBMISSION - REVISION 1 08.27.21 PLANNING SUBMISSION
Number Date Description
ISSUE RECORD:

LOT 3 **ELEVATIONS** 

10/29/2021

A-3-300

FINISH LEGEND

PROPOSED HEIGHT LIMIT FROM FINISH GRADE

FINISH LEGEND (##)

CS1 P 070 BY CEMBRIT PATINA ORIGINAL 8X592X1192 MM BOARD

MTL1 1" STANDING SEAM BY ATAS INTERNATIONAL INC. COLOR CHARCOAL GREY (62) MTL2 HOT DIPPED GALVANIZED STEEL POST, PAINT WITH HIGH PERFORMANCE PAIRING TO MATCH {MTL1}

MTL3 BONDERIZED METAL GUTTER AND DOWNSPOUT, PAINT WITH HIGH PERFORMANCE PAIRING TO MATCH {MTL1}

WD1 EXTERIOR ATLANTIC WHITE CEDAR WOOD SIDING BY DELTA MILLWORKS OR EQ. INSTALLED VERTICALLY PER MANUFACTURER'S RECOMMENDATIONS AND DETAILS. FINISH CEDAR UNFINISHED

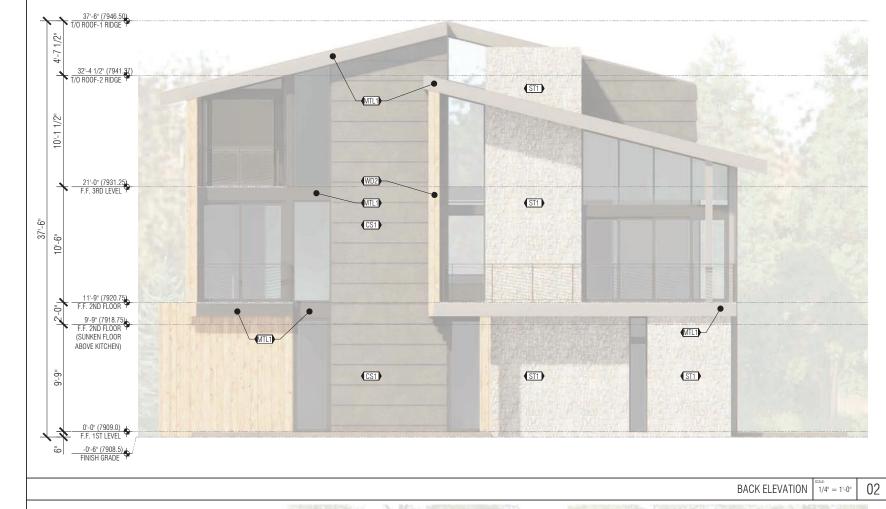
---- (E) NATURAL GRADE

.E. NTS

12

RIGHT ELEVATION 1/4" = 1'-0"

04



MTL1

MTL1

MTL1

(ST1)

MTL1

ST1

2 | 10.29.21 | PLANNING SUBMISSION - REVISION 1 08.27.21 PLANNING SUBMISSION
Number Date Description
ISSUE RECORD:

2664 LACY STREET LOS ANGELES, CA 90031 TI SELMINISTO - TI SELMINISTE WWW.MAKEARCH.COM

PROJECT ADDRESS Mammoth Villas 3 at Obsidian Mammoth Lakes, CA 93546 ARCHITECT

MAKE Architecture 2664 Lacy Street Los Angeles, CA 90031 T: 323.669.0278 F: 323.669.0282

PROMARK INVESTMENTS 223 E. Thousand Oaks Blvd., Suite 412 Thousand Oaks, CA 91360 T: 806.29.3270

[place] - [pakshong landscape and architectural collaborative] 3617 Exposition Blvd. Los Angeles, CA 90016 Main Contact. David Fletcher T: 310.450.3100 F: 323.737.3290

CLIENT

LANDSCAPE

LOT 3 **ELEVATIONS** 

10/29/2021

A-3-301

FINISH LEGEND (##) CS1 P 070 BY CEMBRIT PATINA ORIGINAL 8X592X1192 MM BOARD MTL1 1" STANDING SEAM BY ATAS INTERNATIONAL INC. COLOR CHARCOAL GREY (62) MTL2 HOT DIPPED GALVANIZED STEEL POST, PAINT WITH HIGH PERFORMANCE PAIRING TO MATCH {MTL1} MTL3 BONDERIZED METAL GUTTER AND DOWNSPOUT, PAINT WITH HIGH PERFORMANCE PAIRING TO MATCH {MTL1} WD1 EXTERIOR ATLANTIC WHITE CEDAR WOOD SIDING BY DELTA MILLWORKS OR EQ. INSTALLED VERTICALLY PER MANUFACTURERS RECOMMENDATIONS AND DETAILS. FINISH CEDAR UNFINISHED

PROPOSED HEIGHT LIMIT FROM FINISH GRADE

---- (E) NATURAL GRADE

FINISH LEGEND .E. NTS

12

37'-6" (7946.50) T/O ROOF-1 RIDGE

32'-4 1/2" (7941.37) T/O ROOF-2 RIDGE

21'-0" (7931.25) F.F. 3RD LEVEL

11'-9" (7920.75) F.F. 2ND FLOOR

9'-9" (7918.75) F.F. 2ND FLOOR (SUNKEN FLOOR

ABOVE KITCHEN)

0'-0" (7909.0) F.F. 1ST LEVEL

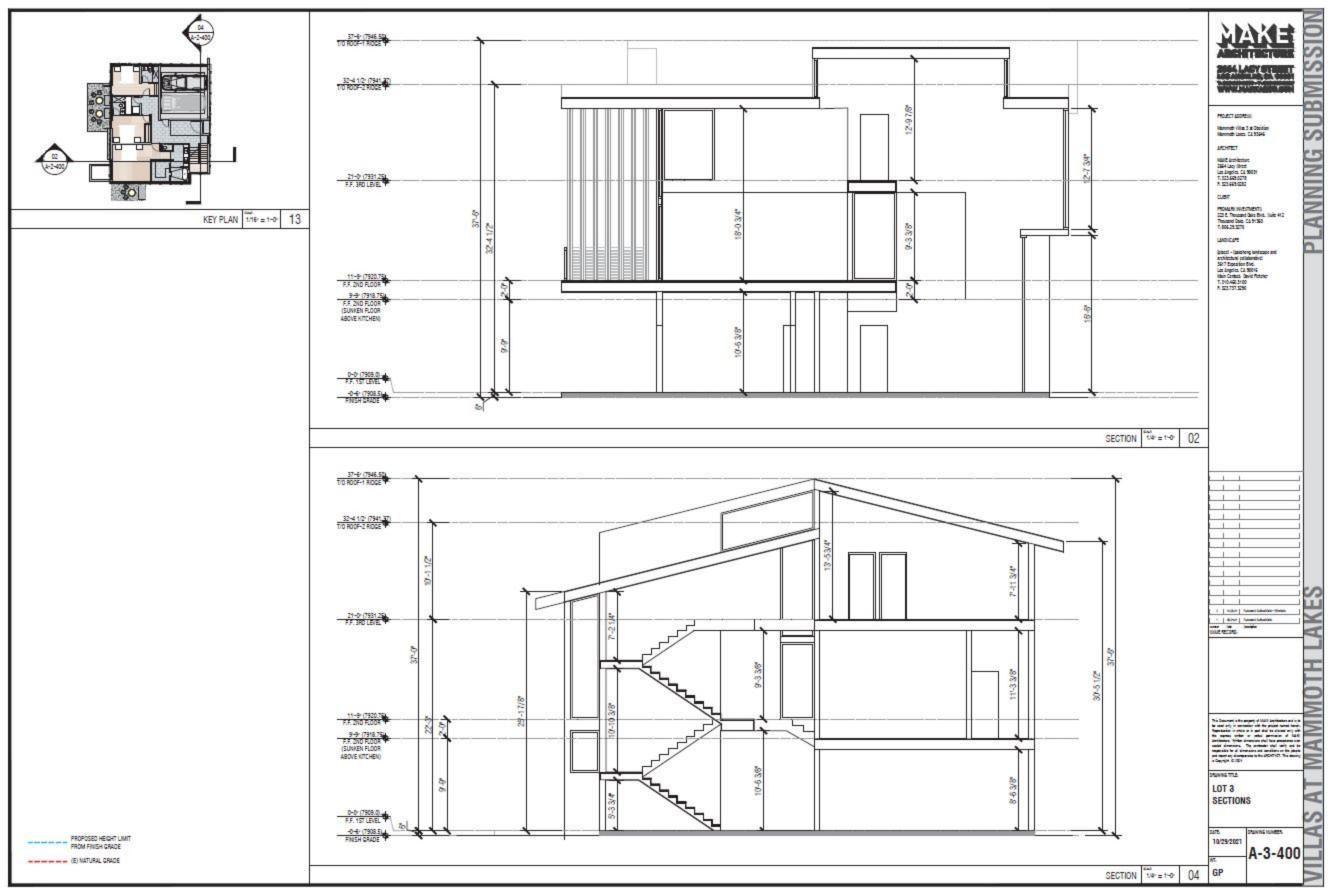
MTL1

CS1

MTL1

MTL1

LEFT ELEVATION 1/4" = 1'-0"







Ipiacol - Tpalahong landscape architectural collaborative! 3617 Especifica Blad. Los Jagoles, CA 90014 Main Corebo, Bavid Richer T. 210.482.3100 8. 323.737.3250

02 VIEW 1 NTS





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LOT 3 RENDERED VIEWS

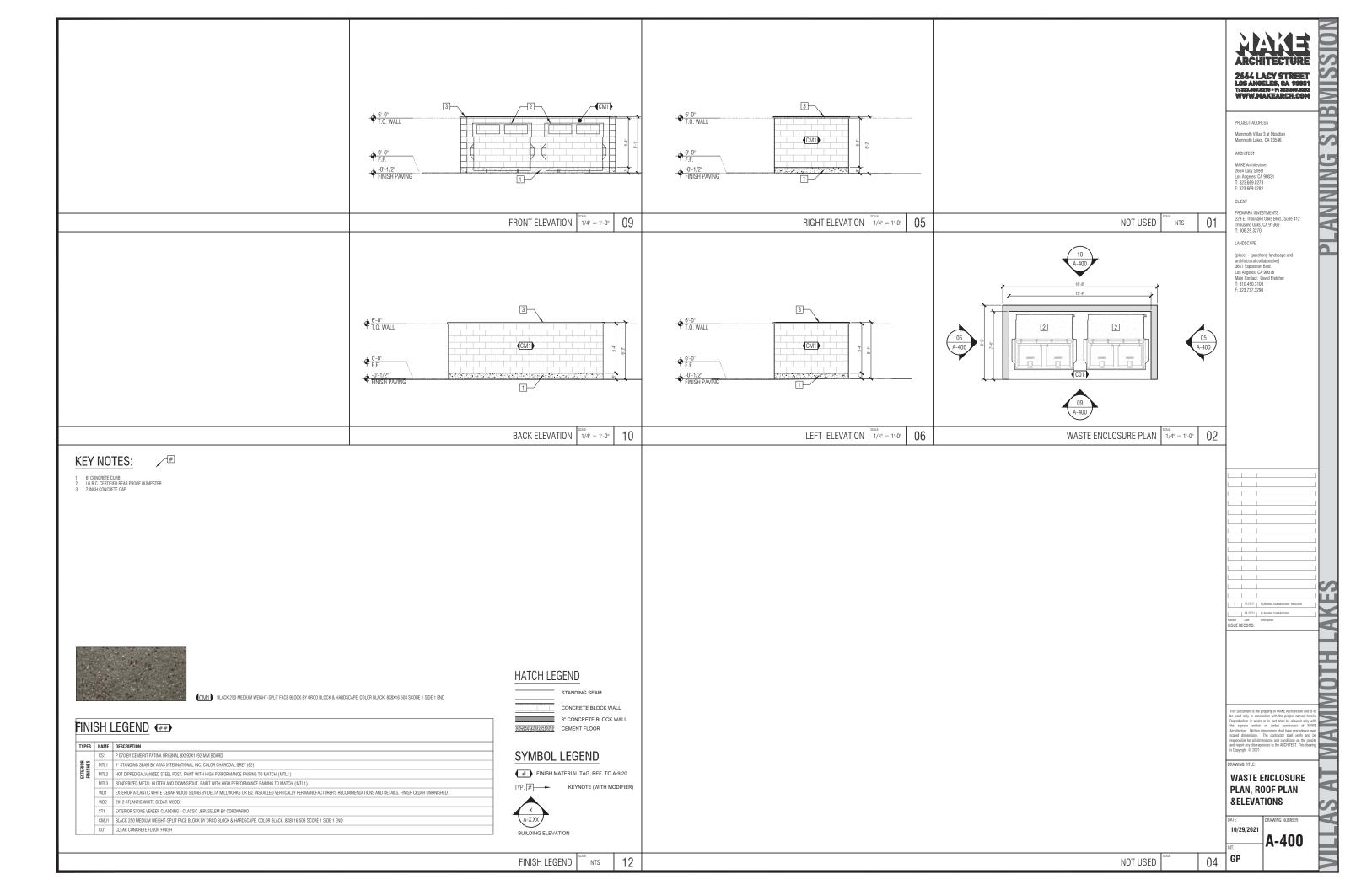
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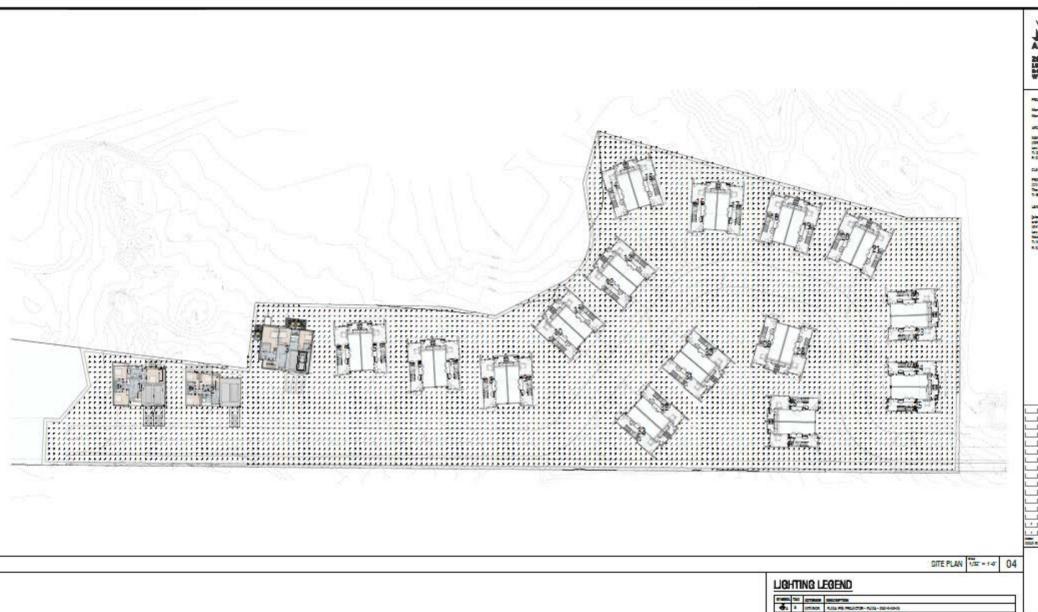
VIEW 3 NTS

12

VIEW 2 NTS

04





PLANNING SUBMISS



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AKES

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SITE PLAN LIGHTING LAYOUT

16/28/2521

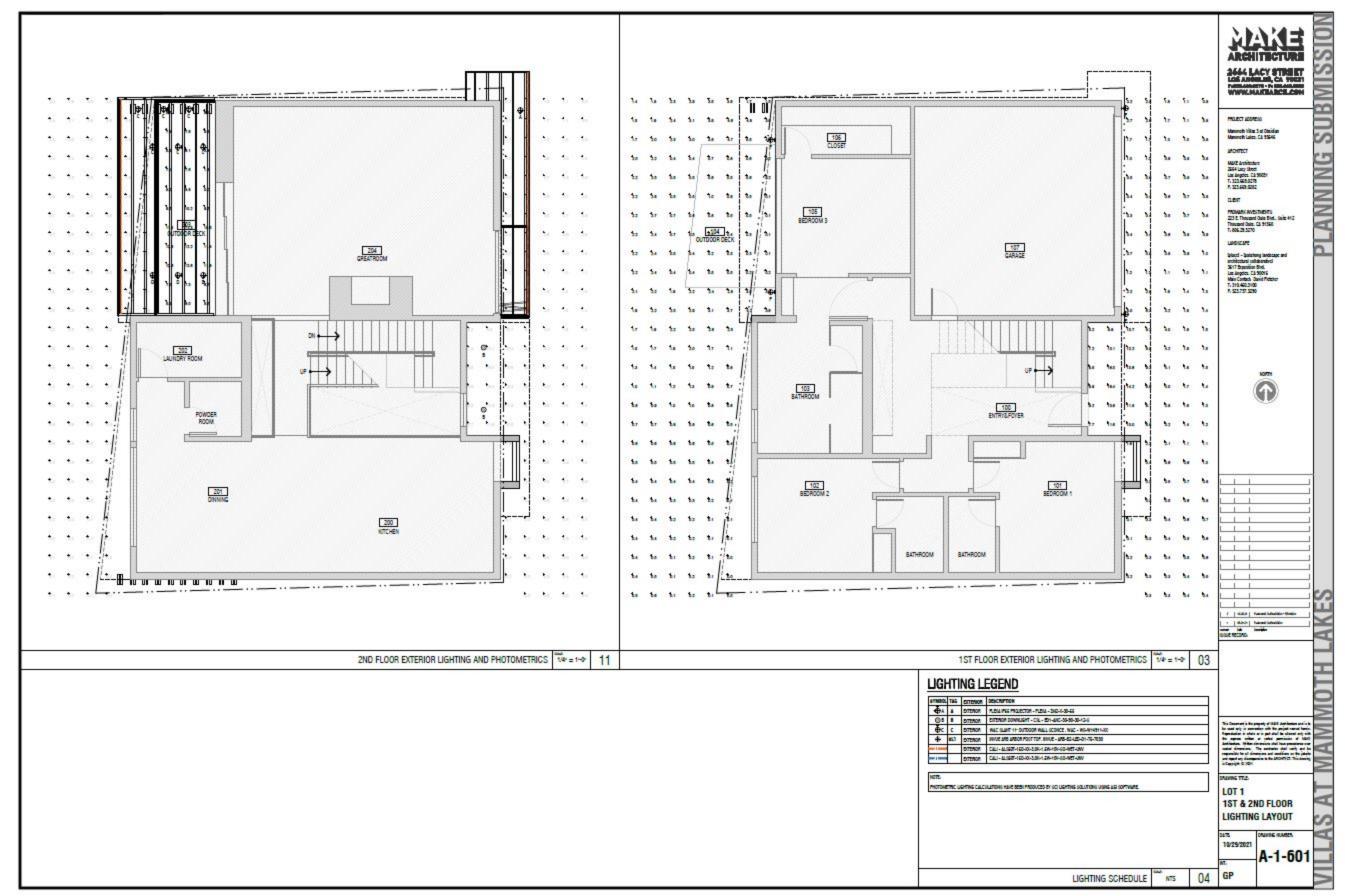
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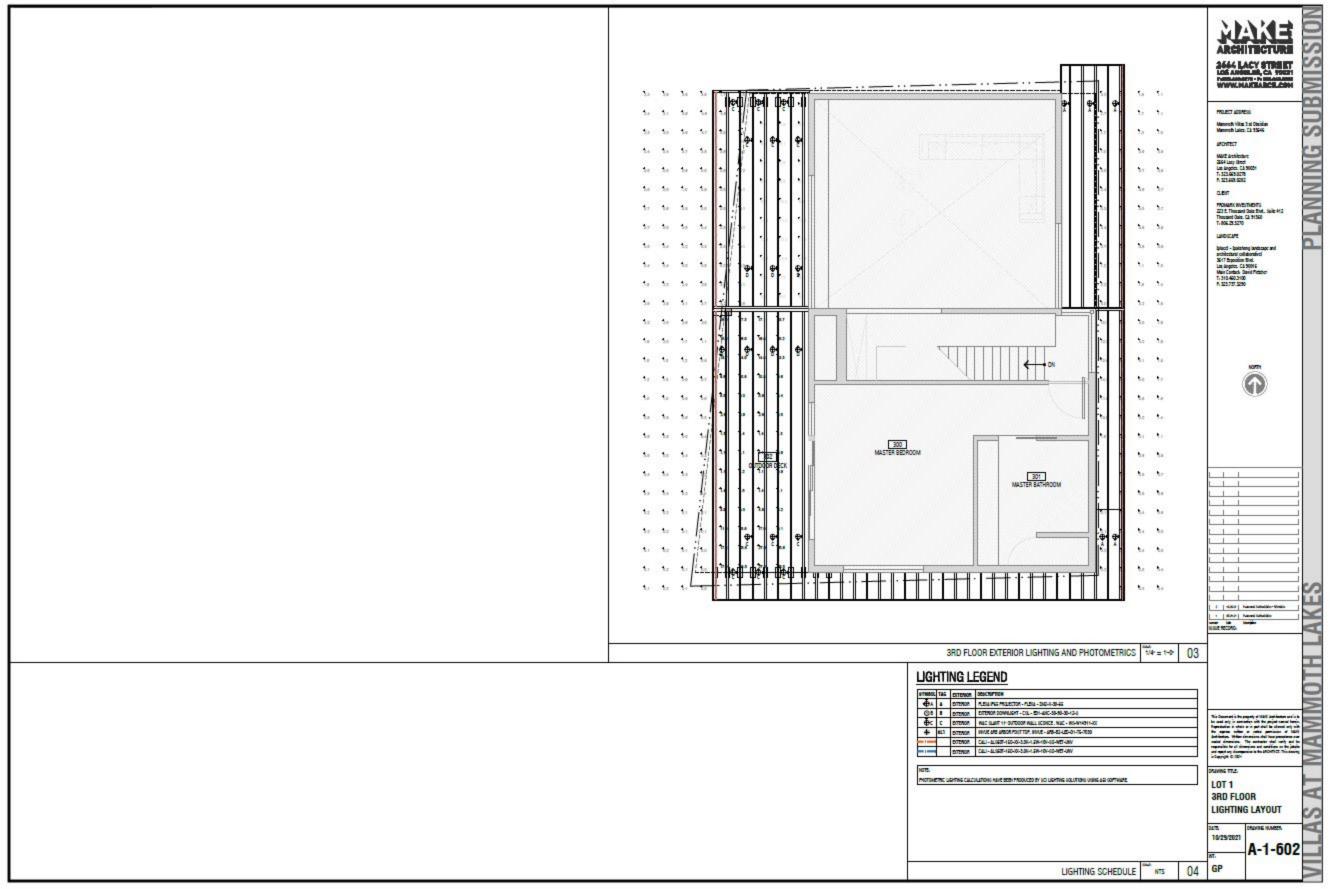
LIGHTING SCHEDULE

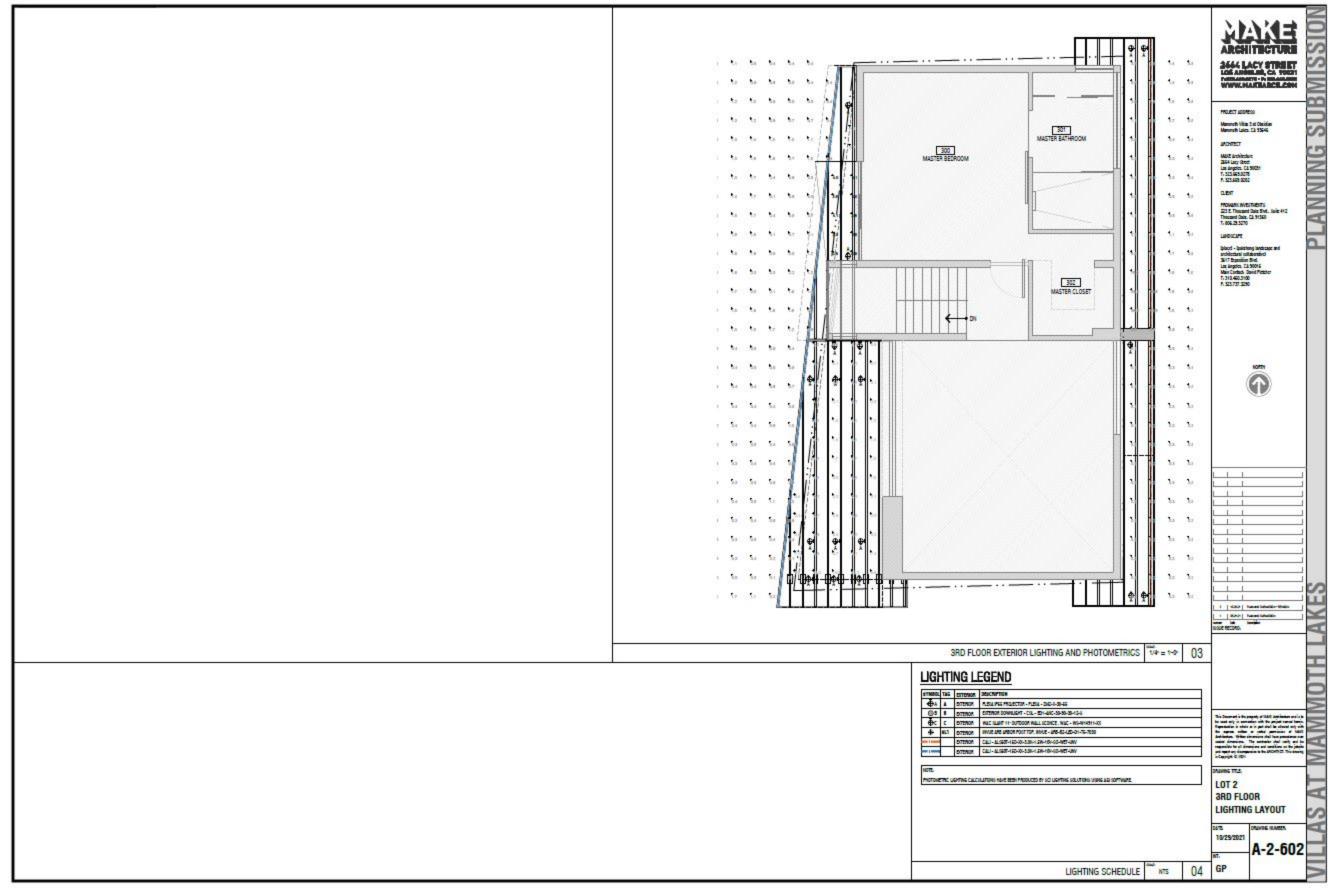
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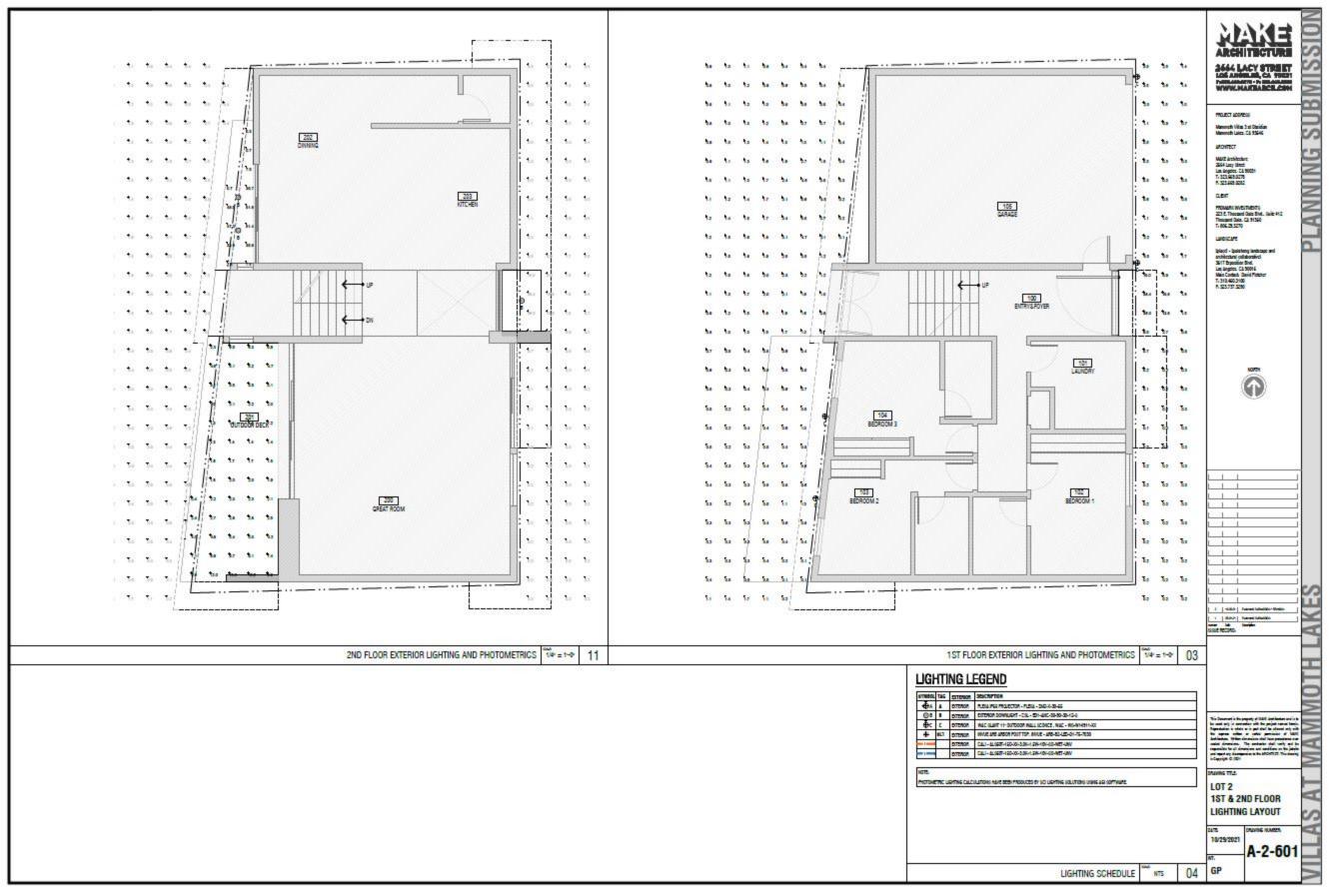
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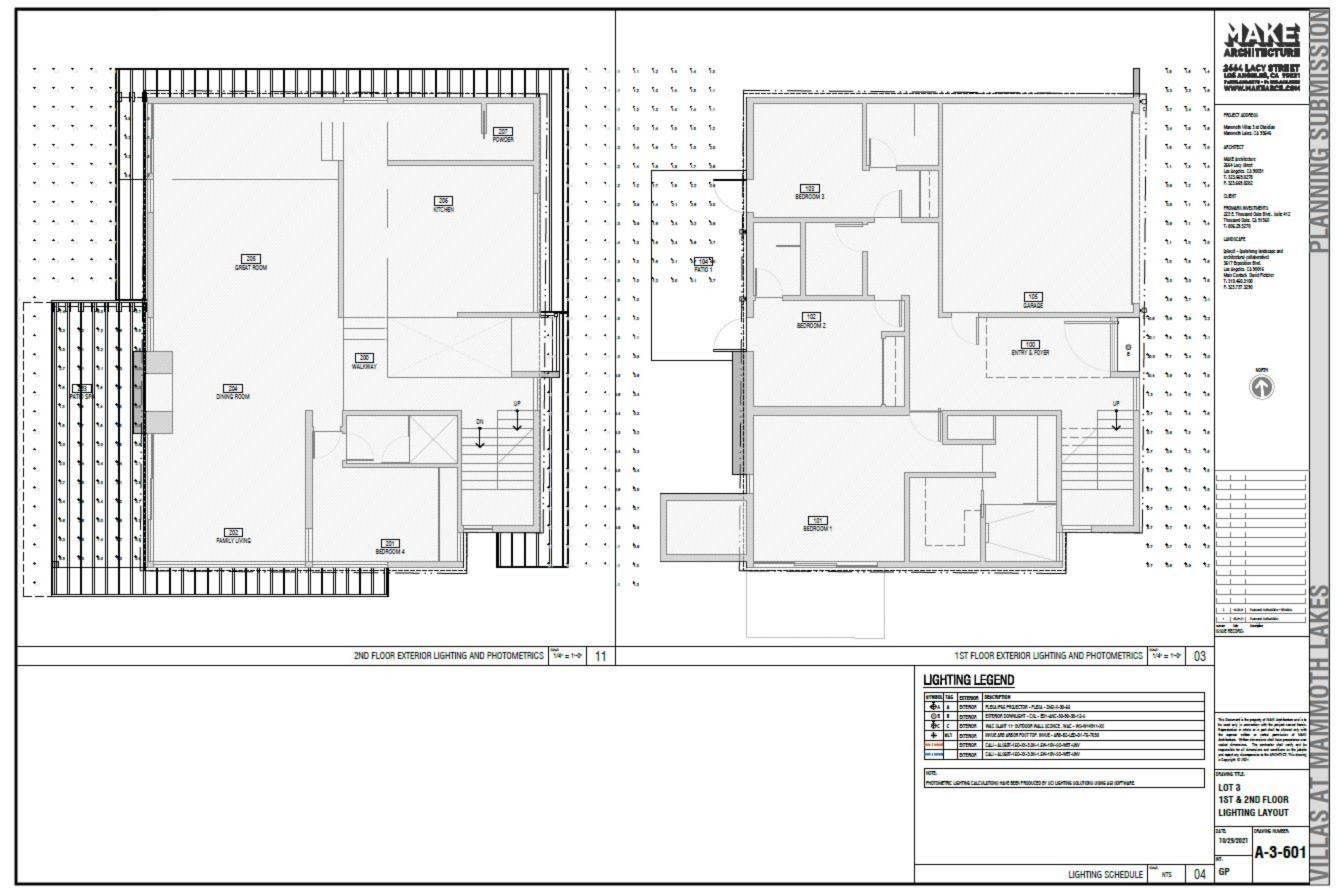
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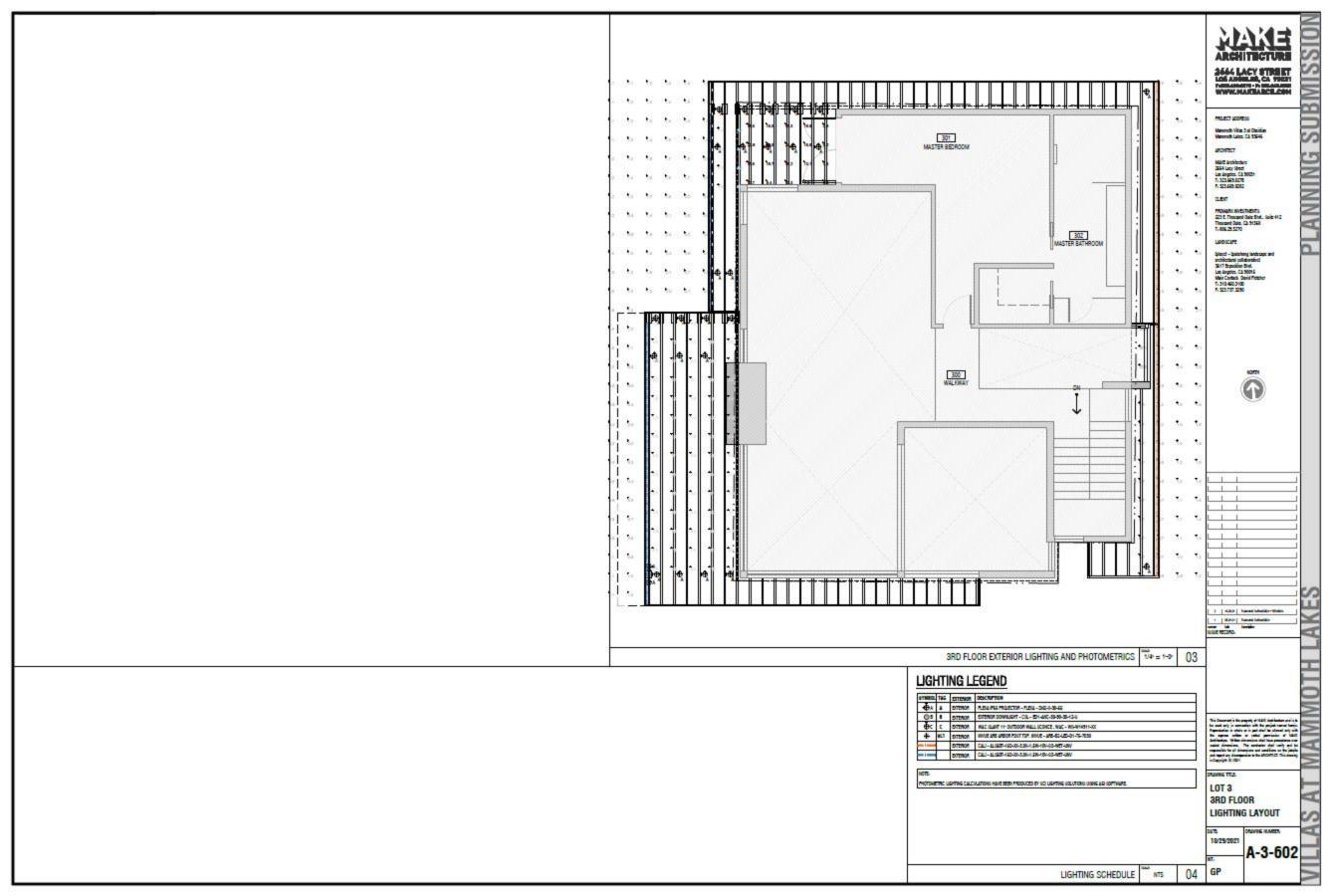














## FINISH LEGEND @

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10 10	MTL2	NOT DIFFES GALVARIED STEEL FORT FUNT WITH HIGH PERFORMANCE FAMILIE TO MATCH (MTL/)
_	MILE	SONORIZES HICLE CUTTER AND SOMEOPIUT, FAIRT WITH HIGH PERFORMANCE PLANSE TO HICCH (WITH)
. 3	WIDE	EXTENSION ATTLANTS WHITE CEGAN MODE GLOWE BY DELTA MILLMONIS ON BE. MICTALLES METICALLY PER MANUFACTURENS RECOMMENDATIONS AND DETAILS, FRINK CEGAN CAPPAGNED

PLANNING SUBMISSION

MONTET

PROMARK WINTHENTS 2215: Thoround Oxics Styd., Sailer 412 Thoround Oxics, CA 91560 T. 806-25-3270

blacd - balationg landscap architectural collaborativel 3917 Expendion Steel. Les langeles. La 3904 6 Main Contect. David Retater T. 310.420.3100 ft. 323.737.3290

MAMMOTH LAKES

MATERIAL BOARD

10/29/2021 A-700 VILLAS AT

MATERIAL SAMPLES "

04

FIBER CEMENT LAP SIDING





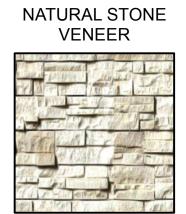








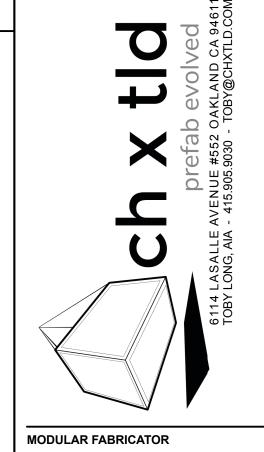




ARCHITECT

ISSUE

60% DESIGN DEVELOPMENT TO PLANNING COMMISSION



APPROVAL STAMP

VILLAS 3 AT OBSIDIAN MERIDIAN ROAD MAMMOTH LAKES, CA 93546 APN: 033-330-087

COVER

A 0.0 © TOBYLONGDESIGN 2022







PROJECT DATA (PER UNIT)

## CAL GREEN COMPLIANCE

A) WATER CLOSETS. THE EFFECTIVE FLUSH VOLUME OF ALL WATER CLOSETS SHALL NOT EXCEED 1.28 GALLONS PER FLUSH. TANK-TYPE WATER CLOSETS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE US EPA WATERSENSE SPECIFICATION FOR TANK-TYPE TOILETS.

B) SINGLE SHOWERHEAD. SHOWERHEADS SHALL HAVE A MAXIMUM FLOW RATE OF NOT MORE THAN 2.0 GALLONS PER MINUTE AT 80 PSI. SHOWERHEADS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE US EPA WATERSENSE SPECIFICATION FOR SHOWERHEADS.

C) MULTIPLE SHOWERHEADS SERVING ONE SHOWER. WHEN A SHOWER IS SERVED BY MORE THAN ONE SHOWERHEAD, THE COMBINED FLOW RATE OF ALL SHOWERHEADS AND/OR OTHER SHOWER OUTLETS CONTROLLED BY A SINGLE VALVE SHALL NOT EXCEED 1.8 GALLONS PER MINUTE AT 80 PSI, OR THE SHOWER SHALL BE DESIGNED TO ALLOW ONLY ONE SHOWER OUTLET TO BE IN OPERATION AT A TIME. NOTE: A HAND-HELD SHOWER SHALL BE CONSIDERED A SHOWERHEAD.

D) RESIDENTIAL LAVATORY FAUCETS. THE MAXIMUM FLOW RATE OF RESIDENTIAL LAVATORY FAUCETS SHALL NOT EXCEED 1.5 GALLONS PER MINUTE AT 60 PSI. THE MINIMUM FLOW RATE OF RESIDENTIAL LAVATORY FAUCETS SHALL NOT BE LESS THAN 0.8 GALLONS PER MINUTE AT 20 PSI.

E) KITCHEN FAUCETS. THE MAXIMUM FLOW RATE OF KITCHEN FAUCETS SHALL NOT EXCEED 1.8 GALLONS PER MINUTE AT 60 PSI. KITCHEN FAUCETS MAY TEMPORARILY INCREASE THE FLOW ABOVE THE MAXIMUM RATE, BUT NOT TO EXCEED 2.2 GALLONS PER MINUTE AT 60 PSI, AND MUST DEFAULT TO A MAXIMUM FLOW RATE OF 1.8 GALLONS PER MINUTE AT 60 PSI. NOTE: WHERE COMPLYING FAUCETS ARE UNAVAILABLE, AERATORS OR OTHER MEANS MAY BE USED TO

F) STANDARDS FOR PLUMBING FIXTURES AND FITTINGS. PLUMBING FIXTURES AND FITTINGS REQUIRED IN

SECTION 4.303.1 SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA PLUMBING CODE, AND SHALL MEET THE APPLICABLE REFERENCED STANDARDS.

G) IRRIGATION CONTROLLERS. AUTOMATIC IRRIGATION SYSTEMS CONTROLLERS INSTALLED AT THE TIME OF FINAL INSPECTION SHALL BE WEATHER OR SOIL MOISTURE-BASED.

H) OPERATION AND MAINTENANCE MANUAL. AT THE TIME OF FINAL INSPECTION, A MANUAL, COMPACT DISC, WEB-BASED REFERENCE OR OTHER MEDIA ACCEPTABLE TO THE ENFORCING AGENCY WHICH INCLUDES ALL OF THE FOLLOWING SHALL BE PLACED IN THE BUILDING: I) DIRECTIONS TO THE OWNER OR OCCUPANT THAT THE MANUAL SHALL REMAIN WITH THE BUILDING

II) OPERATION AND MAINTENANCE INSTRUCTIONS FOR THE FOLLOWING: (1) EQUIPMENT AND APPLIANCES, INCLUDING WATER-SAVING DEVICES AND SYSTEMS,

- HVAC SYSTEMS, WATER-HEATING SYSTEMS AND OTHER MAJOR APPLIANCES AND
- (2) ROOF AND YARD DRAINAGE, INCLUDING GUTTERS AND DOWNSPOUTS.
- (3) SPACE CONDITIONING SYSTEMS, INCLUDING CONDENSERS AND AIR FILTERS. (4) LANDSCAPE IRRIGATION SYSTEMS.
- (5) WATER REUSE SYSTEMS.

THROUGHOUT THE LIFE CYCLE OF THE STRUCTURE.

III) INFORMATION FROM LOCAL UTILITY, WATER AND WASTE RECOVERY PROVIDERS ON METHODS TO FURTHER REDUCE RESOURCE CONSUMPTION, INCLUDING RECYCLE PROGRAMS AND

IV) PUBLIC TRANSPORTATION AND/OR CARPOOL OPTIONS AVAILABLE IN THE AREA.

V) EDUCATIONAL MATERIAL ON THE POSITIVE IMPACTS OF AN INTERIOR RELATIVE HUMIDITY BETWEEN 30-60 PERCENT AND WHAT METHODS AN OCCUPANT MAY USE TO MAINTAIN THE RELATIVE HUMIDITY LEVEL IN THAT RANGE.

VI) INFORMATION ABOUT WATER-CONSERVING LANDSCAPE AND IRRIGATION DESIGN AND CONTROLLERS WHICH CONSERVE WATER.

DIVERTING WATER AT LEAST 5 FEET AWAY FROM THE FOUNDATION.

VIII) INFORMATION ON REQUIRED ROUTINE MAINTENANCE MEASURES. INCLUDING. BUT NOT LIMITED TO, CAULKING, PAINTING, GRADING AROUND THE BUILDING, ETC.

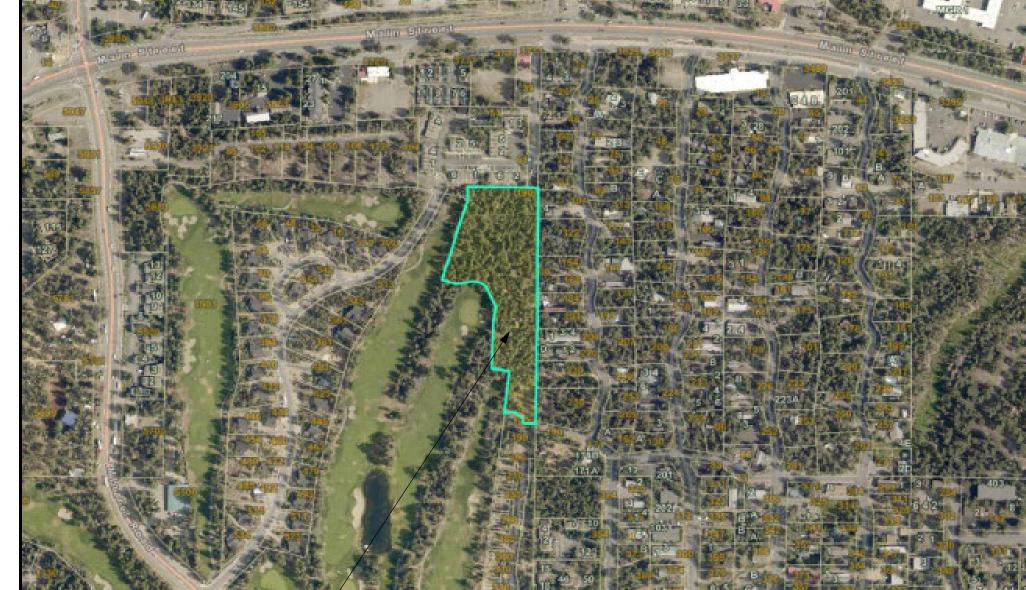
IX) INFORMATION ABOUT STATE SOLAR ENERGY AND INCENTIVE PROGRAMS AVAILABLE.

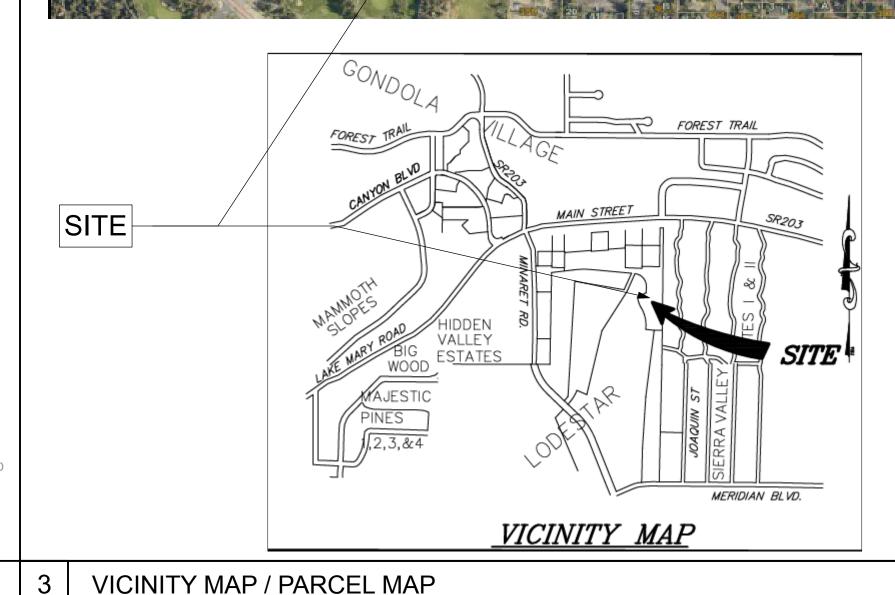
X) A COPY OF ALL SPECIAL INSPECTION VERIFICATIONS REQUIRED BY THE ENFORCING AGENCY OR

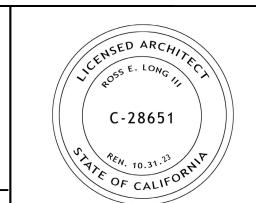
I) INSTALLER TRAINING. HVAC SYSTEM INSTALLERS ARE TRAINED AND CERTIFIED IN THE PROPER

I) SPECIAL INSPECTION. SPECIAL INSPECTORS EMPLOYED BY THE ENFORCING AGENCY MUST BE QUALIFIED AND ABLE TO DEMONSTRATE COMPETENCE IN THE DISCIPLINE THEY ARE INSPECTING.

K) DOCUMENTATION. VERIFICATION OF COMPLIANCE WITH THIS CODE MAY INCLUDE CONSTRUCTION DOCUMENTS, PLANS, SPECIFICATIONS, BUILDER OR INSTALLER CERTIFICATION, INSPECTION REPORTS, OR THER METHODS ACCEPTABLE TO THE ENFORCING AGENCY WHICH SHOW SUBSTANTIAL COMPLIANCE.

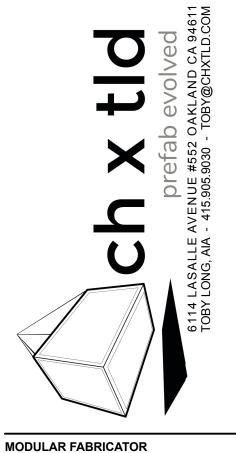






60% DESIGN DEVELOPMENT TO PLANNING COMMISSION

ARCHITECT



APPROVAL STAMP

**VILLAS 3 AT OBSIDIAN** MERIDIAN ROAD **MAMMOTH LAKES, CA 93546** 

INFO

APN: 033-330-087

THESE PLANS ARE CONSIDERED PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS THEY BEAR THE ARCHITECT'S SEAL AND DIGITAL SIGNATURE. TID EXPRESSLY RESERVES COMMON LAW COPYRIGHT AND OTHER PROPRIETARY RIGHTS TO ALL DESIGNS & INFORMATION IN THESE PLANS. THESE PLANS ARE NOTTO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER, NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY, WITHOUT FIRST OBTAINING THEEXPRESS WRITTEN PERMISSION OF tobylongdesign

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CAL-GREEN BUILDING CODE COMPLIANCE

THIS PROJECT CONSISTS CONSTRUCTION OF: \*FIRE SPRINKLERED 3 STORY DUPLEX W/ ATTACHED GARAGE \*SPRINKLER PLANS TO BE SUBMITTED SEPARATELY

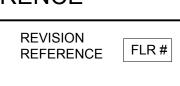
# PROJECT DESCRIPTION

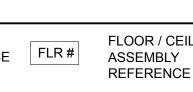
These plans comply with the following current adopted editions of the California Residential and Building Code Series: 2019 CA BUILDING CODE 2019 CA MECHANCAL CODE 2019 RESIDENTIAL CODE 2019 CA ENERGY CODE 2019 CA PLUMBING CODE 2019 CA GREEN CODE 2019 CA ELECTRICAL CODE

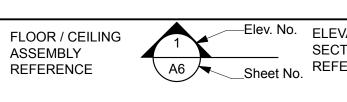
"PURSUANT TO SECTION 19981 (C) OF THE HEALTH AND SAFETY CODE, NO FACTORY-BUILT HOUSING SHALL BE IN ANY WAY MODIFIED DURING INSTALLATION UNLESS APPROVAL FOR SUCH MODIFICATION IS FIRST OBTAINED FROM THE LOCAL ENFORCEMENT AGENCY"

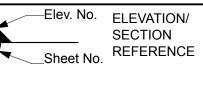
**CODE REFERENCE** 

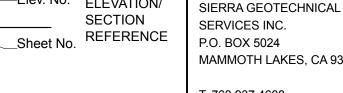
W-## SCHEDULE REFERENCE















OWNER

SUITE 412

T: 806.29.3270

**GEOTECH** 

PROMARK INVESTMENTS

223 E. THOUSAND OAKS BLVD.,

THOUSAND OAKS, CA 91360

ARCHITECT

OAKLAND, CA

TOBY LONG DESIGN

T. 415.905.9030 x1

CONTACT: TOBY LONG, AIA

E: TOBY@CHXTLD.COM

SURVEY/CIVIL

TRIAD HOLMES

549 OLD MAMMOTH ROAD,

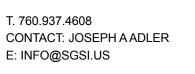
MAMMOTH LAKES, CA 93546

P.O. BOX 1570

SUITE 202

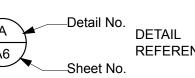
C. 510.333.3447

6114 LA SALLE AVE #552



T. 760.934.7588 CONTACT: THOMAS PLATZ E: TRIAD@THAINC.COM





REFERENCE

## **CONCEPTUAL RENDERINGS** ARCHITECTURAL STRUCTURAL

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A-0.2 GENERAL NOTES

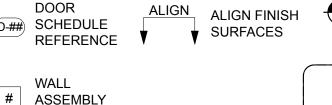
A-0.1

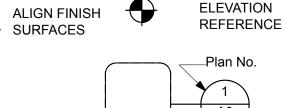
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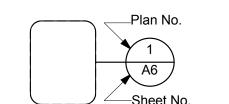
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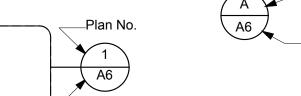
REAR SETBACK

DOOR D-##) SCHEDULE REFERENCE









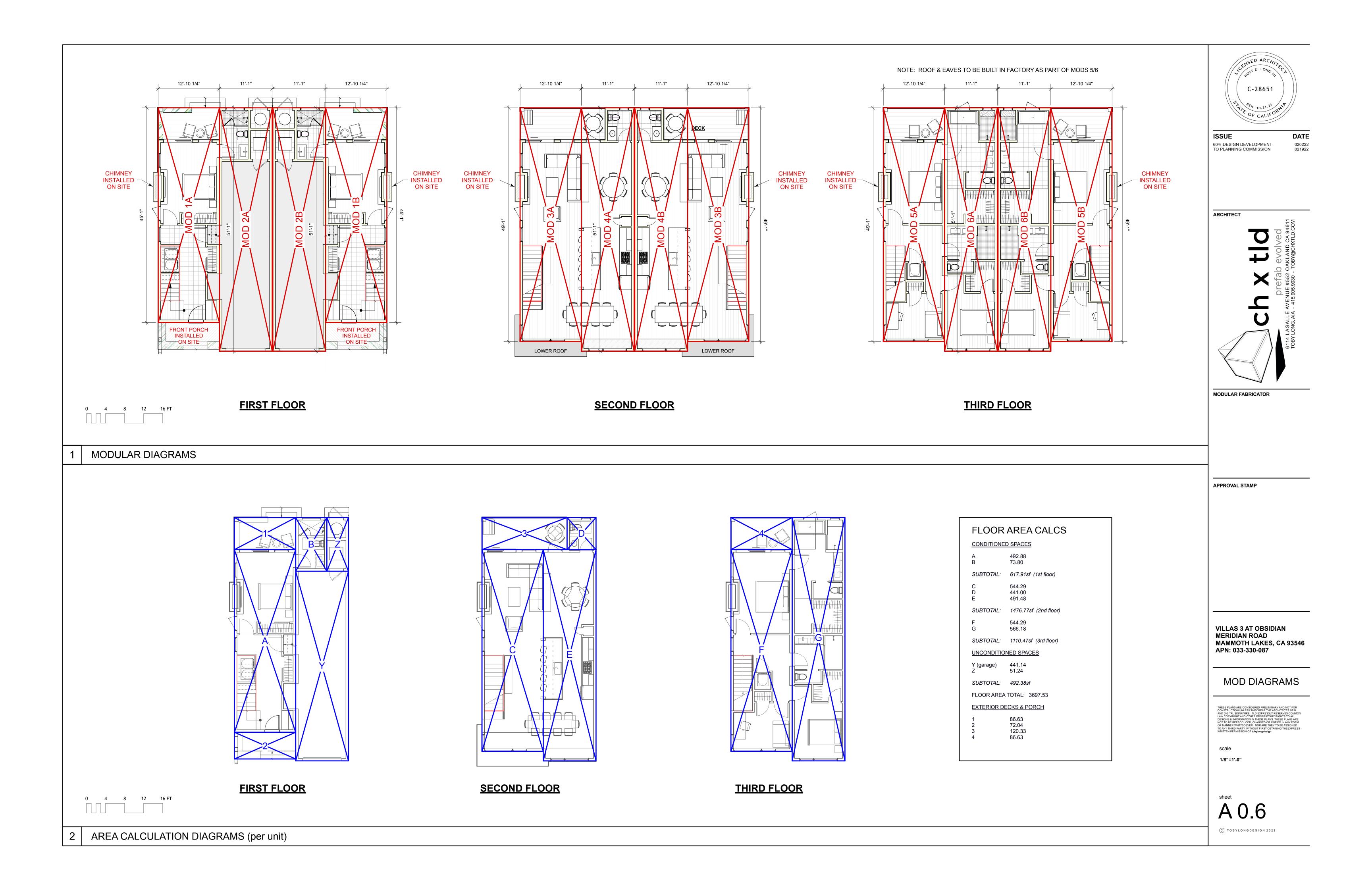
**CONTACT INFO** 

SITE & BUILDING INFORMATION

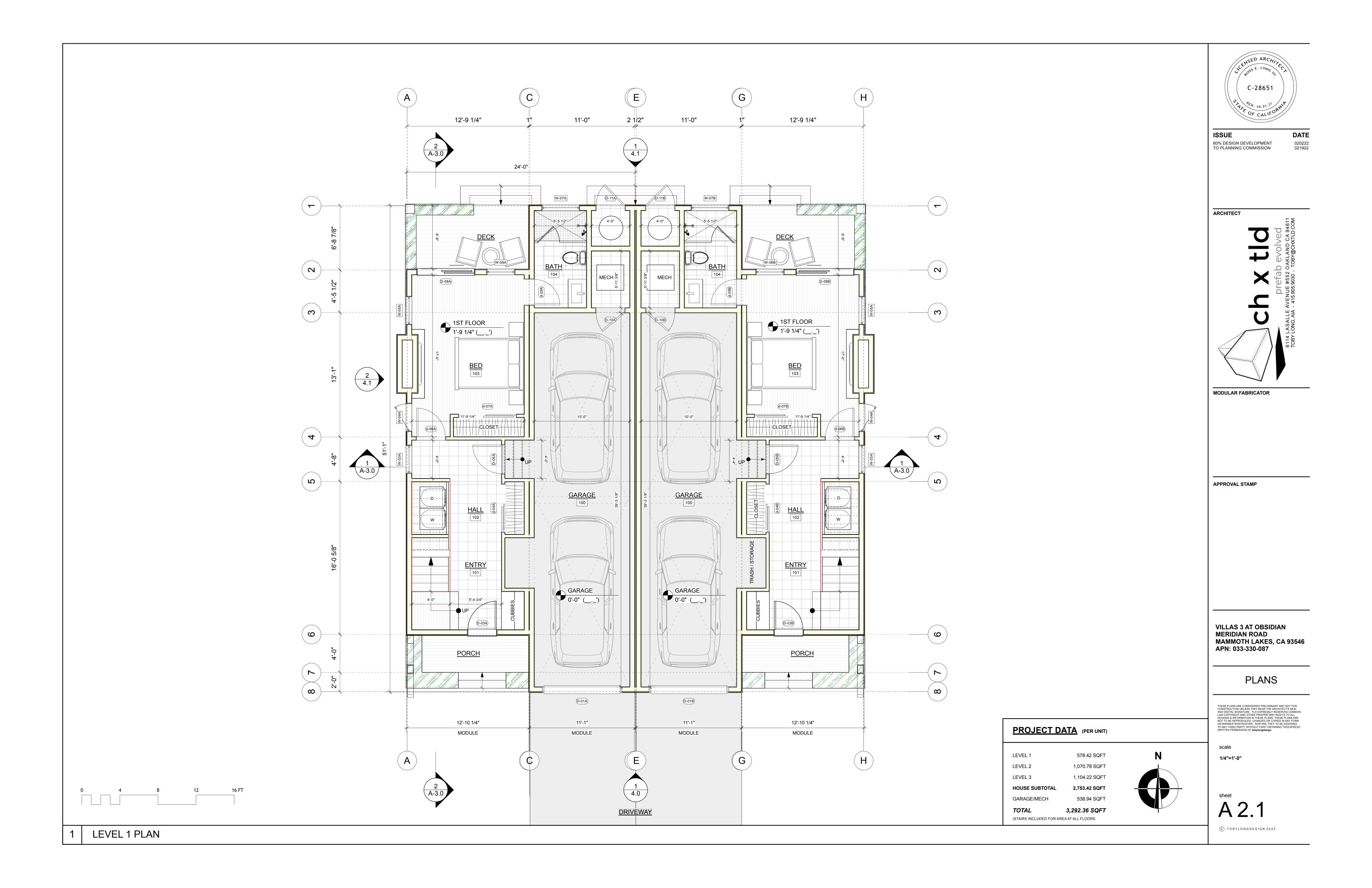
**SYMBOLS** 

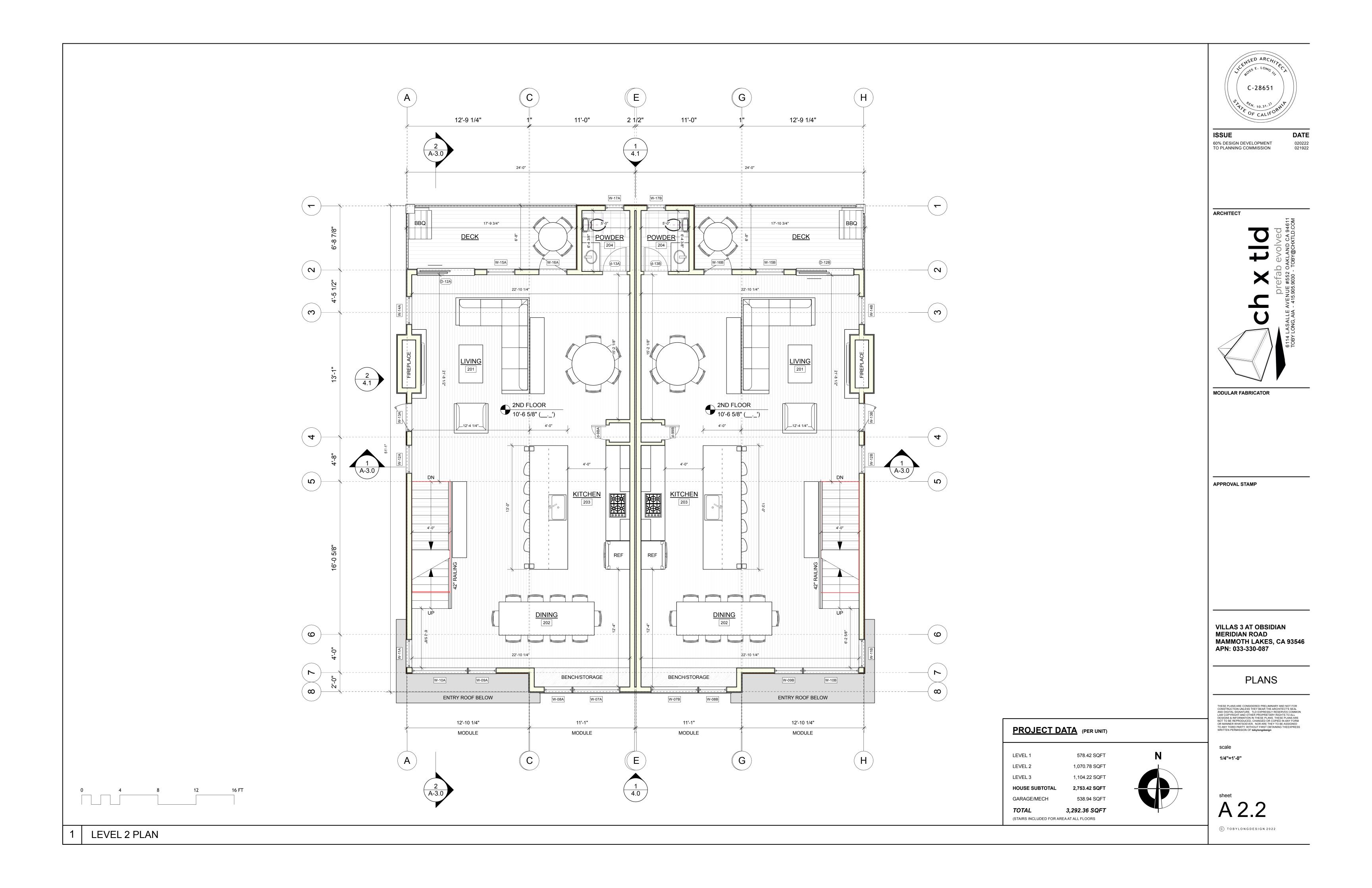
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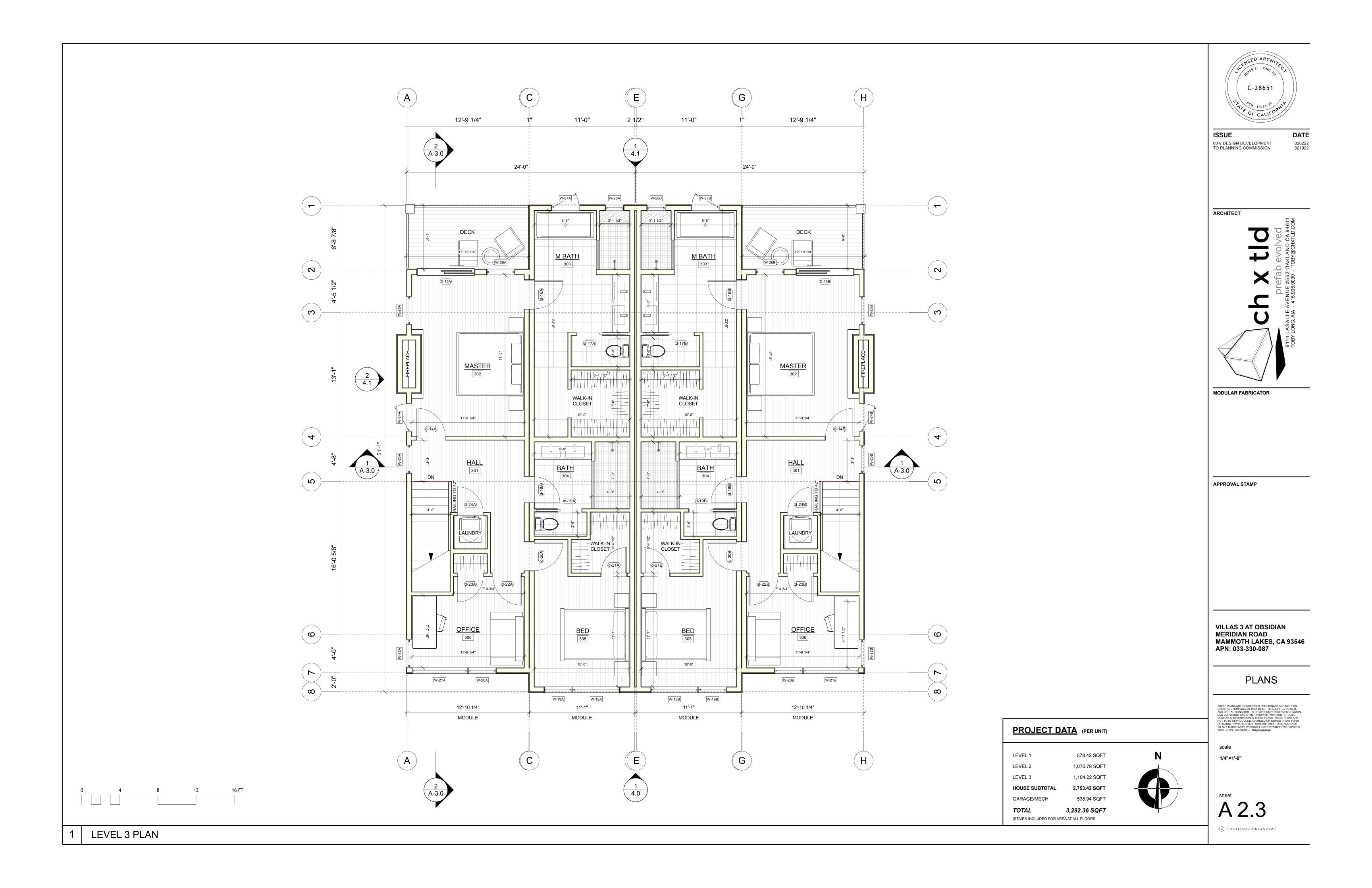


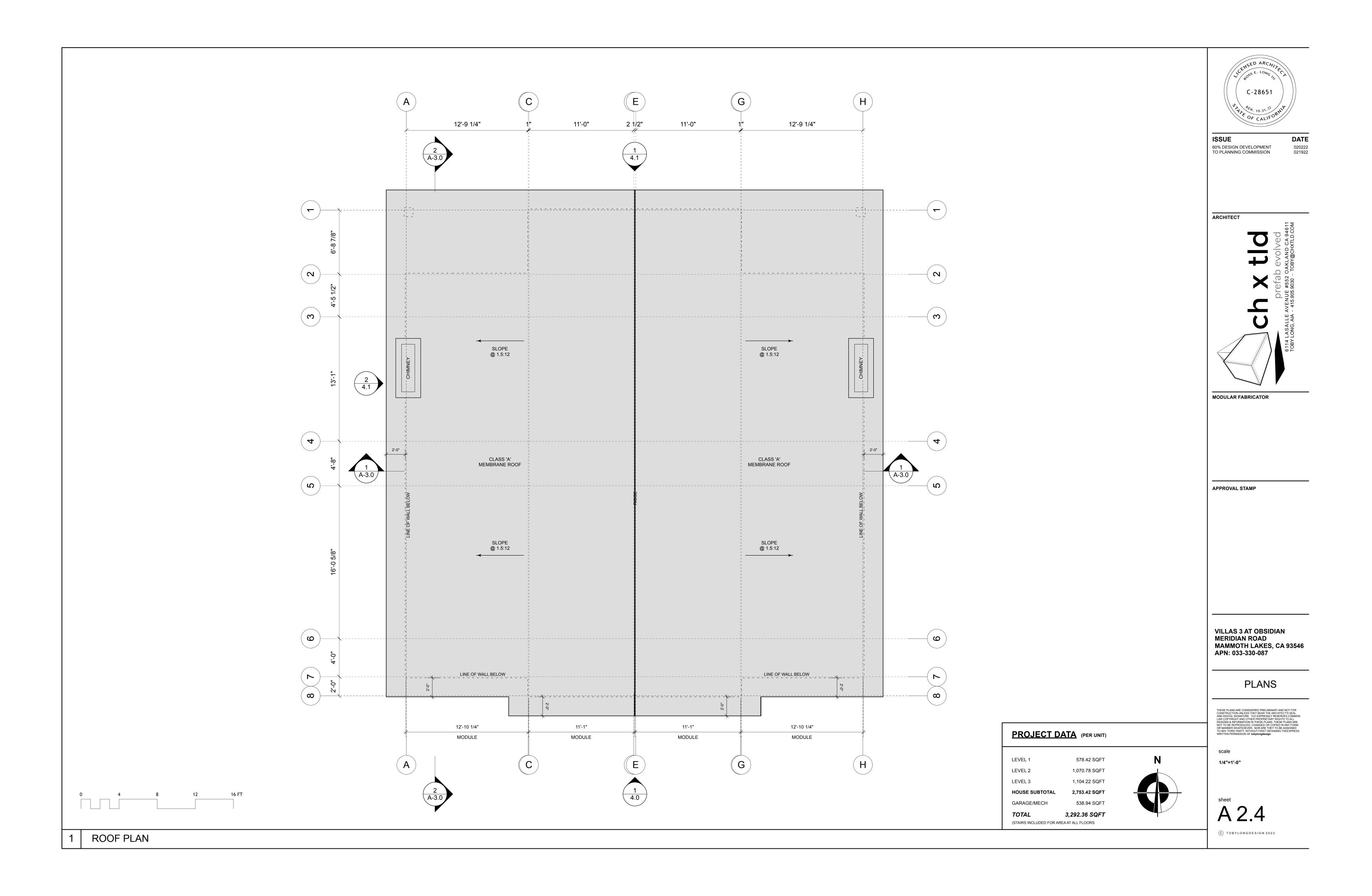


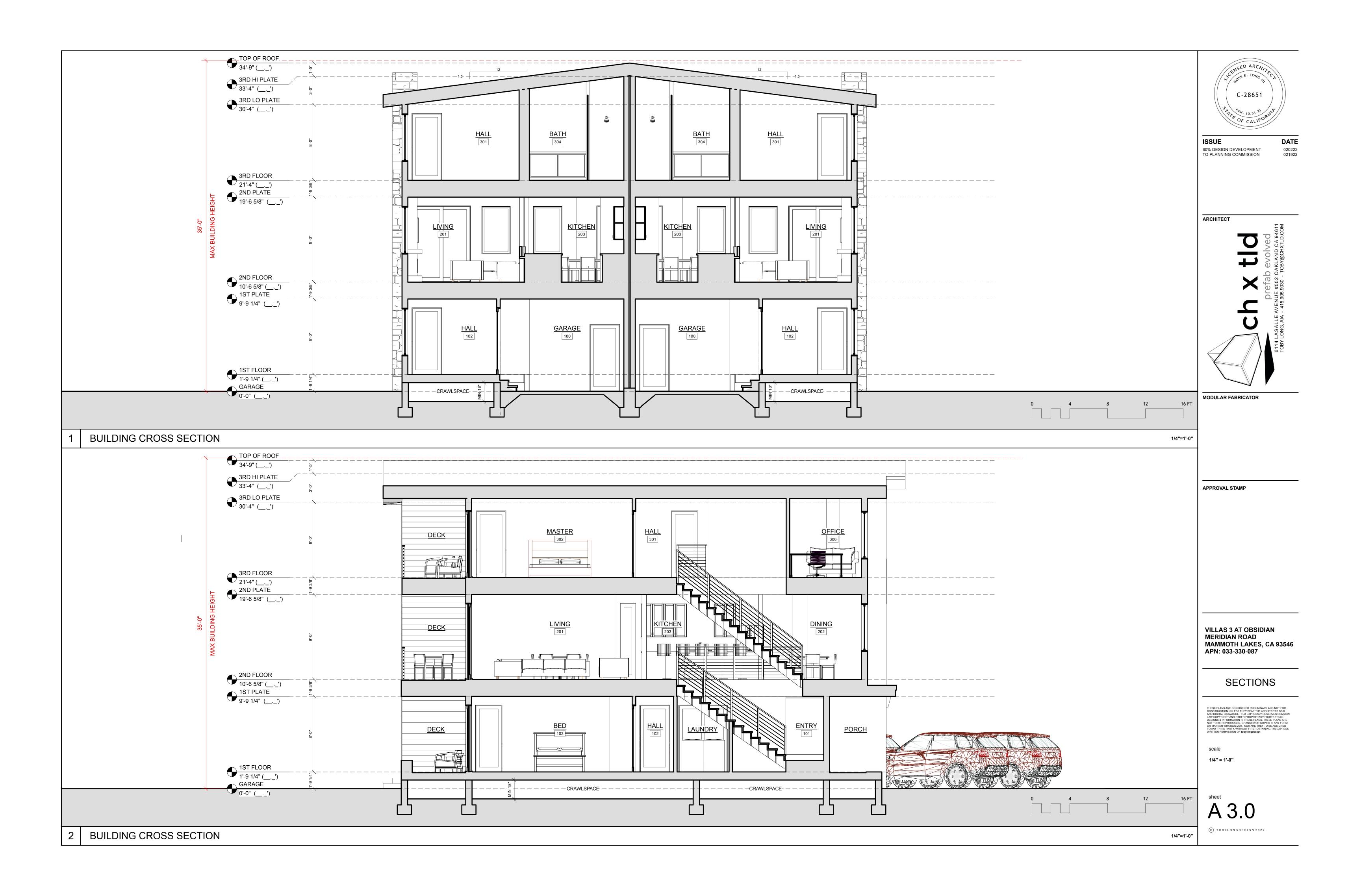






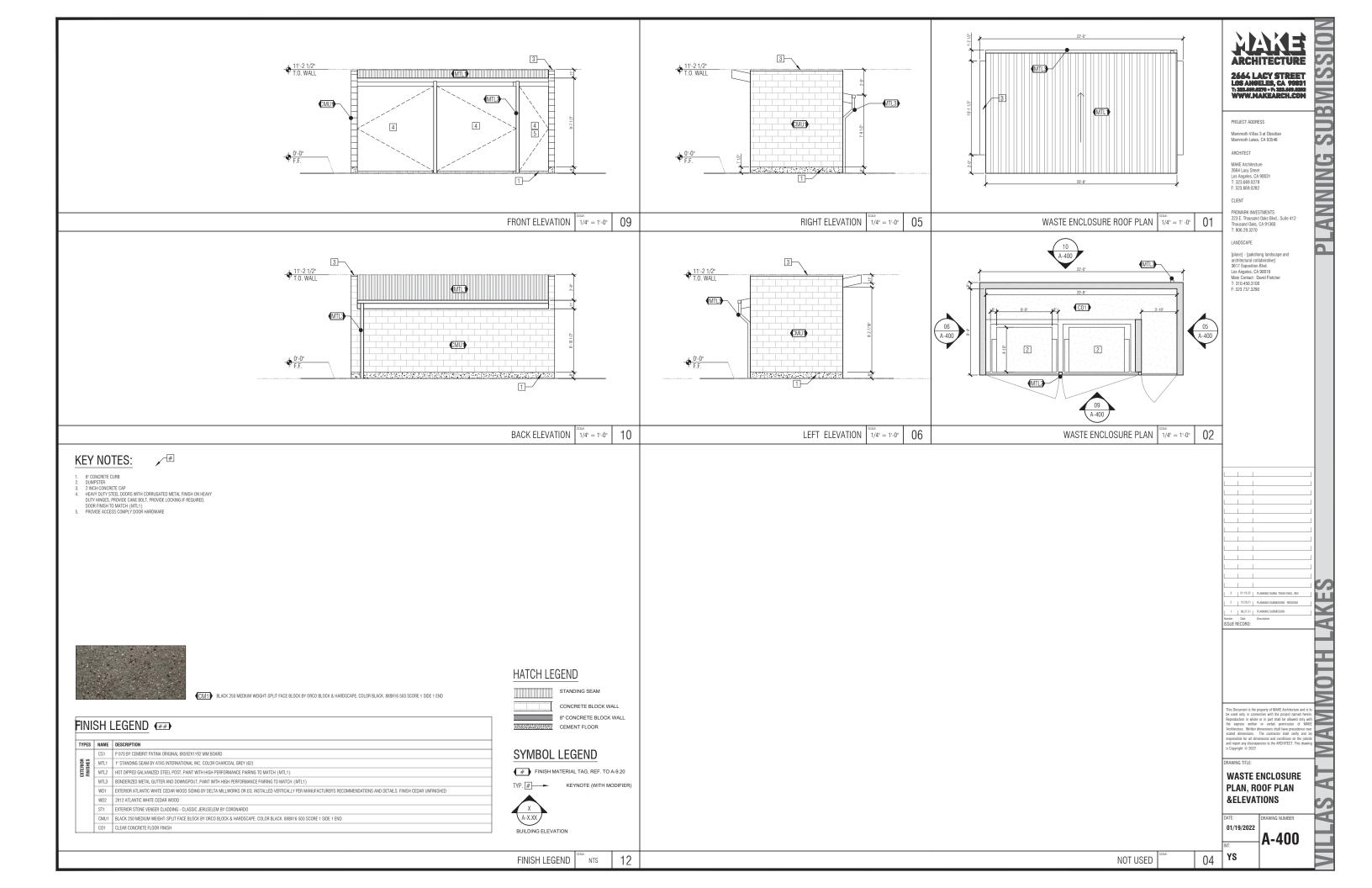












#### **GENERAL NOTES**

- THE CONTRACTOR SHALL CAREFULLY INSPECT THE SITE. THE CONTRACTOR SHALL CAREFULLY INSPECT THE STIE
  AND VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO
  PROCEEDING WITH ANY WORK DESCRIBED HEREIN. THE
  CONTRACTOR SHALL NOTIFY THE LANDSCAPE DESIGNER OF CONTRACTOR SPIALL NOTIFY THE LANDSCAPE DESIGNER C ANY DISCREPANCIES WITH THESE DOCUMENTS PRIOR TO BEGINNING ANY CONSTRUCTION.

  IT SHALL BE THE RESPONSIBILITY OF THE GENERAL
- CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL THE CONDITIONS OF THE SITE RELATIVE TO EXISTING WORK, MATERIALS TO BE MATCHED, AVAILABILITY OF WORKING SPACE, SITE ACCESS AND ANY/ALL OTHER ASPECTS OF THE SITE AFFECTING THE SCOPE OF WORK AND THE DEVELOPMENT OF AN INTELLIGENT BID. NO INCREASE IN COST OR EXTENSION IN PERFORMANCE TIME WILL BE CONSIDERED RESULTING FROM THE CONTRACTOR'S FAILURE TO KNOW THE SITE CONDITIONS.
- THE CONTRACTOR SHALL CARRY ALL WORKERS COMPENSATION, PUBLIC LIABILITY, AND PROPERTY DAMAGE INSURANCE AS REQUIRED BY THE CLIENT.

   THE CONTRACTOR OF THE CLIENT.

   THE CONTRACTOR OF THE CLIENT.

   THE CONTRACTOR OF THE CONTRACTOR OF THE CLIENT.

   THE CONTRACTOR OF THE
- HOLD HARMLESS AND INDEMNIFICATION CLAUSE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE LANDSCAPE DESIGNER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THI PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE LANDSCAPE DESIGNER.
- DAMAGE RESPONSIBILITY CONTRACTOR SHALL ERECT AND MAINTAIN TEMPORARY BARRICADES PROOF PAR MAINTAIN TEMPORARY BARRICADES PROOF PARTITIONS AS NEEDED FOR THE CLIENT'S PROTECTION AGAINST ACCIDENT. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY DAMAGES IMPOSED, INTENTIONALLY OR ACCIDENTALLY, TO EXISTING UTILITIES, BUILDINGS, OR OTHER AMENITIES, DUE TO THE ACTIONS OF THE CONTRACTORS. SUBCONTRACTORS. CONTRACTOR SHALL AT ALL TIMES PROTECT HIS WORK FROM DAMAGE AND THEY AND REPLACE ALL DAMAGED OR STOLEN PARTS AT HIS EXPENSE UNTIL THE FORM THE CLIENT.
- THE CONTRACTOR SHALL APPLY FOR, OBTAIN, AND PAY FOR ALL REQUIRED PERMITS TO COMPLETE THE SCOPE OF
- WORK.

  \*\*TRADE COORDINATION CONSTRUCTION AND INSTALLATION OF ALL THEMS WITHIN THESE DOCUMENTS SHALL REQUISE CLOSE COORDINATION BETWEEN TRADES INVOLVED IN UNDERGROUND AND UTILITY INSTALLATION, AND TREE LOCATION. CONTRACTOR SHALL BE RESPONSIBLE TO INSURE AND AVOID CONSTRUCTION BETWEEN TRADES TO INSURE AND AVOID CONSTRUCTION DELAYS OR DAMAGE TO ANY IMPROVEMENTS OR UTILITIES.

  \*\*INSCRIPTIONS.\*\* THE FORMENTACTOR SHALL BE RESEMBLISHED.\*\*
- INSPECTIONS THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE CITY REPRESENTATIVE AT LEAST 24
- HOURS IN ADVANCE OF ANY REQUIRED CITY INSPECTION. THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY AND COPYRIGHT OF (PLACE) AND SHALL NOT BE USED ON ANY OTHER WORK EXCEPT BY WRITTEN AUTHORIZATION ROM [PLACE].
- WRITTEN DIMENSIONS TAKE PREFERENCE OVER SCALED DIMENSIONS AND SHALL BE VERIFIED ON THE JOB SITE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE DESIGNER PRIOR TO THE COMMENCEMENT OF WORK. IN NO EVENT ARE DIMENSIONS TO BE SCALED OFF THE DRAWINGS WITHOUT PRIOR APPROVAL OF THE LANDSCAPE DESIGNER
- APPROVAL OF THE DANGS/AFE DESIGNER.

  ALL QUANTITIES INDICATED ON THE PLANS ARE FOR BID PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE QUANTITIES SHOWN BY CONDUCTING A QUANTITY TAKE-OFF.
- LANDSCAPE DESIGNER SHALL DECIDE ALL OUESTIONS RELATING TO THE INTERPRETATION(S) OF THE DRAWINGS AND THE ACCEPTABLE FULFILLMENT OF THE CONTRACT.
- AND THE ACCEPTABLE FULFILLMENT OF THE CONTRACT.

  \*\*THE CONTRACTOR SHALL MAINTAIN THE PREMISES CLEAN
  AND FREE OF EXCESS EQUIPMENT, MATERIALS, AND
  RUBBISH INCIDENTAL OF HIS WORK AT ALL TIME
  INCLUDING WEEKENDS AND HOLIDAYS. ALL RUBBLE,
  TRASH, OR DISPOSABLE ITEMS RESULTING FROM
  DEMOLITION OR CONSTRUCTION SHALL BE DISPOSED OF IN
  A LEGAL AND LAWFUL MANNER TO AN APPROVED DISPOSAL
  SITE
- THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE DESIGNER AT LEAST 48 HOURS IN ADVANCE OF ANY SITE
- OBSERVATIONS OR MEETINGS AT (310) 450-8100. • SITE OBSERVATIONS AND MEETINGS SHALL INCLUDE:
- 1.PRE-CONSTRUCTION 2.LANDSCAPE GRADING AND SOIL AMENDING
- 3.LANDSCAPE CONSTRUCTION SPOTTING OF SPECIMEN PLANTS
- 5.IRRIGATION PRESSURE AND COVERAGE TEST 6.PLANTING AND/OR HYDROSEEDING
- 7.PRE-MAINTENANCE
- 8.POST-MAINTENANCE
- NOTE: "LANDSCAPE" SHALL REFER TO ALL IMPROVEMENTS WITHIN THIS SET OF DOCUMENTS THAT HAVE BEEN DESIGNED BY THIS OFFICE. SITE OBSERVATIONS BY THE LANDSCAPE DESIGNER DURING
- SITE OBSERVATIONS BY THE LANDSCAPE DESIGNER DOWN ANY PHASE OF THIS PROJECT DOES NOT RELIEVE THE CONTRACTOR OF HIS PRIMARY RESPONSIBILITY TO PERFORM ALL WORK IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS, AND GOVERNING CODES.
- THIS FIRM DOES NOT PRACTICE OR CONSULT IN THE FIELD OF SAFETY ENGINEERING. THIS FIRM DOES NOT DIRECT THE CONTRACTOR'S OPERATIONS, AND IS NOT RESPONSIBLE FOR THE SAFETY OF ANY PERSONNEL OTHER THAN OF [PLACE] ON THE SITE. THE SAFETY OF OTHERS IS THE RESPONSIBLE THE CONTRACTOR. THE CONTRACTOR. THE CONTRACTOR SHOULD NOTIFY THE OWNER IF HE CONSIDERS ANY OF THE RESPONSIBLE OF CONSIDERS ANY OF THE RESOURCE OF CONSIDERS AND OF THE RESOURCE OF THE RESOURCE OF THE CONTRACT OF THE RESOURCE OF THE RESOURCE OF THE RESOURCE OF THE RESOURCE OF TH CONSIDERS ANY OF THE RECOMMENDED ACTIONS PRESENTED HEREIN TO BE UNSAFE.
- ALL CONSTRUCTION DOCUMENTS AND DETAILS SHALL BE COMPLETED IN FULL COMPLIANCE WITH APPLICABLE LOCAL
- DETAILS ARE INTENDED TO SHOW FINAL EFFECT OF PARTS OF CONSTRUCTION. MINOR MODIFICATIONS MAY BE

- REQUIRED TO SUIT PARTICULAR JOBSITE DIMENSIONS OR CONDITIONS, AND SHALL BE INCLUDED WITHIN THE SCOPE OF THE WORK AND CONSTRUCTION CONTRACT. ANY MODIFICATIONS REQUIRED IN DETAILS ARE TO BE FIRST REVIEWED AND CONFIRMED WITH THE LANDSCAPE DESIGNER PRIOR TO CONSTRUCTION.
- DESIGNER PRIOR TO CONSTRUCTION.

  CONTRACTOR SHALL REVIEW ALL THEM NOTED "VERIFY OR CONFIRM WITH LANDSCAPE DESIGNER", (OR NOTED TO THAT EFFECT), WHICH MIGHT AFFECT COSTS OR SCHEDULE, PRIOR TO FINALIZING CONSTRUCTION CONTRACT AND SUBCONTRACTS, AND SHALL CONFIRM ALL FINAL DECISIONS ON ALL ITEMS REGARDING SELECTION, MATERIALS, COLOR, FINISH OR OTHER SPECIFICATIONS NOT YET DECIDED UPON, WITH THE LANDSCAPE DESIGNER. CONTRACTOR SHALL INACLUDE THE COST OF THESE ITEMS WITHIN THE ORIGINAL CONTRACT PRICE.

  CONTRACTOR SHALL IMMERIJATELY NOTIFY THE CLIENT AND
- CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CLIENT AND. LANDSCAPE DESIGNER OF ANY EXTRA COSTS ARISING FORM THE EXECUTION OF THEIR CONTRACT OR SUBCONTRACTS AND SHALL RECEIVE THE CLIENT'S AND LANDSCAPE DESIGNER'S WRITTEN APPROVAL OF ANY ADDITIONAL COST PRIOR TO EXECUTION OF SAID WORK.
- PRIOR TO EXECUTION OF SAID WORK.

  CONTRACTOR SHALL BE RESPONSIBLE FOR SUPERVISING AND VERIFYING THAT ALL GENERAL AND SUBCONTRACT WORK IS ACCOMPLISHED ACCORDING TO THE MOST CURRENT CONSTRUCTION DOCUMENTS, INCLUDING REVISIONS.
- CONTRACTOR SHALL NOT USE ANY POTENTIALLY HAZARDOUS MATERIALS OR PRODUCTS THROUGHOUT
  CONSTRUCTION. CONTRACTOR SHALL ADVISE CLIENT AND
  LANDSCAPE DESIGNER OF ANY POTENTIALLY HAZARDOUS MATERIALS OR PRODUCTS RECOMMENDED, SELECTED, OR SPECIFIED, PRIOR TO THE PURCHASE OR INSTALLATION OF SAID MATERIALS OR PRODUCTS.

#### SITEWORK NOTES

- PRIOR TO FORMING OR POURING CONCRETE, CONTRACTOR SHALL STAKE OUT ALL PERIMETER LINES AS SHOWN ON PLANS FOR LANDSCAPE DESIGNER'S REVIEW, CONFIRM EXISTING STRUCTURE AND PROPERTY LINE LOCATIONS AN ELEVATIONS, AND VERIEY PROPER SETBACKS AND CLEARANCES BY LOCAL

- LEVAKINENIS.

  CONTRACTOR SHALL NOTIFY CLIENT AND LANDSCAPE DESIGNER OF ANY UNSTABLE OR QUESTIONABLE SOIL OR GEOLOGICAL CONDITIONS FERCOLUNTERED DURING ECONATION.

  CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE OF ALL FINISHED GRADE SURFACES AND WALKNAMS ANMY FROM STRUCTURES AND VERIFY THAT ALL AREAS AFFECTED BY CONSTRUCTION ARE PROPERLY DRAINAGE, WITH YOU
- JING.
  TRACTOR SHALL REMOVE ALL EXCESS SOIL, DEBRIS, AND MATERIALS NOT
  JIRED BY CONSTRUCTION. CONFIRM ANY ITEMS TO REMAIN WITH
  SCAPE DESIGNER, PRIOR TO START OF CONSTRUCTION.

#### PLANTING NOTES

- · ALL WORK SHALL BE IN ACCORDANCE WITH THESE PLANS, NOTES, DETAILS, AND ALL APPROPRIATE LOCAL CODES
- NOTES, DELIALS, AND ALL APPROPRIATE LOCAL CODES.

  PLAN IS DIAGRAMMATIC. CONTRACTOR SHALL VERIEY SITE

  CONDITIONS. IF ANY CONDITION CONFLICTS WITH PLANS,
  THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE
  DESIGNER PRIOR TO ANY PLANTING INSTALLATION.

  THE IRRIGATION SYSTEM SHALL BE INSTALLED COMPLETE.
- AND OPERABLE PRIOR TO ANY PLANTING INSTALLATION EXCEPT AS NOTED IN THESE SPECIFICATIONS.
- CONTRACTOR SHALL VERTP QUANTITIES BY PLAN CHECK.
  THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL
  QUANTITIES SHOWN ON THE PLAN. SHRUB AND GROUND
  COVER QUANTITIES SPECIFIED MAY NOT REPLECT
  QUANTITIES DRAWN.
- PLANT SUBSTITUTIONS WILL BE ALLOWED ONLY WITH WRITTEN APPROVAL FROM THE LANDSCAPE DESIGNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY COORDINATION OF ALL MATERIALS REQUIRED BY THESE

#### SCOPE OF WORK

• THE CONTRACTOR SHALL FURNISH ALL MATERIAL, LABOR, TRANSPORTATION, EQUIPMENT, AND PROPERTY IN ORDER TO COMPLETE THE LANDSCAPING OF ALL PLANTING AREAS INDICATED, OR REASONABLY IMPLIED, ON THE DRAWINGS AND/OR NOTES.

INCLUDED AS A PART OF THE PLANTING INSTALLATION, BUT INCLUDED AS A PART OF THE PLANTING INSTALLATION, BUT OF LIMITED, ARR THE FOLLOWING ITEMS: CLEAR AND GRUB ALL PROPOSED LANDSCAPE AREAS; IMPORT SOIL, FINE GRADING OF ALL PLANTING AREAS; PREPARATION OF ALL PLANTING HOLES; FURNISHING AND INSTALLATION OF ALL REQUIRED PLANTING BACKFILL AND SOIL AMENDMENT MATERIALS, AND MULCH, AND MISCELLANDEOUS MATERIALS; FURNISHING AND INSTALLING ALL PLANT MATERIALS; PROVIDING MAINTENANCE THROIGHOUT THE SPECIFIED PROVIDING MAINTENANCE THROUGHOUT THE SPECIFIED PERIOD; CLEAN-UP AND WEEDING OF ALL LANDSCAPE AREAS; GUARANTEE OF ALL PLANT MATERIALS AND WORKMANSHIP FOR A PERIOD AS SPECIFIED BELOW.

#### MATERIALS

- ATERIALS

  ALL PLANT MATERIALS SHALL BE OF SELECT "A-1" QUALITY AND HAVE A GROWTH HABIT NORMAL TO THE SPECIES AND SHALL BE SOUND, HEALTHY, VIGOROUS AND FREE FROM PESTS, PLANT DISEASES, SUN SCALDS, FRESH BARK ABRASIONS, EXCESSIVE ABRASIONS, OR OTHER OBJECTIONABLE DISFIGUREMENTS. ALL PLANTS SHALL HAVE NORMAL WELL-DEVELOPED BRANCH SYSTEMS, AND VIGGOROUS AND FIBROUS ROOT SYSTEMS WHICH ARE NEITHER ROOT NOR POT-BOUND AND ARE FREE OF KINKED OR GIRDLING ROOTS. ALL PLANTS SHALL BE TRUE TO SPECIES AND VARIETY. ALL MATERIALS SHALL BE TRUE TO SPECIES AND VARIETY. ALL MATERIALS SHALL BE PROVIDED BY A CERTIFIED NURSERY AND SHALL BE FREE OF ANY PEST OR DISEASE. THE LANDSCAPE DESIGNER RESERVES THE RIGHT TO REJECT ANY UNSUITABLE OR OBJECTIONABLE PLANT MATERIAL.
- TREES, SHRUBS, AND VINES ALL PLANT MATERIALS SHALL BE OF THE SPECIFIED TYPE AND SIZE, SELECTED FROM HIGH OUALITY, WELL-SHAPED NURSERY STOCK.
- QUALITY, WELL-SHAPED NURSERY STOCK.
  FLATTED PHANTS ALL GROUND COVER PLANTS AND OTHER
  FLATTED PHANTS SHALL BE GROWN AND REMAIN IN THE
  FLATS UNTIL TRANSPLANTED AT THE SITE. THE SOIL AND
  SPACING OF THE PLANTS IN THE FLAT SHALL INSURE THE
  MINIMUM DISTURBANCE OF THE ROOT SYSTEM AT THE
  TIME OF TRANSPLANTING.
- THE CONTRACTOR SHALL KEEP ALL PLANT MATERIAL DELIVERED TO THE SITE IN A HEALTHY CONDITION FOR PLANTING. PLANTS SHALL NOT BE ALLOWED TO DRY OUT.
- ALL PLANT MATERIALS SHALL BE APPROVED BY THE LANDSCAPE DESIGNER PRIOR TO INSTALLING PLANT MATERIAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR

- THE CONDITION OF ALL PLANTS, PLANTED OR OTHERWISE. UNTIL ACCEPTANCE.
- UNTIL ACCEPTANCE.

  \*\*OPSOIL TOP SOIL SHALL BE CLASS 'A' WITH THE SAME RELATIVE COMPOSITION AND STRUCTURE, A FRIABLE SANDY LOAM CHARACTER, AND BE FREE OF ROOTS, CLODS, AND STONES LARGER THAN 1 INCH IN GREATEST DIMENSION, POCKETS OF COURSE SAND, NOXIOUS WEEDS, STICKS, SLAG, BRUSH, AND OTHER LITTER. IT SHALL NOT BE INFESTED WITH NEMATODES OR OTHER UNDESTRABLE INSECTS AND PLANT DISEASE ORGANISMS. TOPSOIL PH RANGE SHALL BE 5.3 TO 6.0.
- AGRONOMIC SOILS TEST CONTRACTOR SHALL OBTAIN AND SUBMIT FOR APPROVAL, A WRITTEN AGRONOMIC SOILS TEXT REPORT FROM A STATE REGISTERED TESTING AGENCY FOR ALL IMPORTED AND SITE TOPSOIL TO BE USED ON THE SITE. TEST REPORT SHALL LIST RECOMMENDED SOIL AMENDMENTS AND PREPARATION TO INSURE ADEQUATE PLANT GROWTH. CONTRACTOR SHALL ADJUST HIS BID ACCORDING TO THE RECOMMENDATIONS LISTED IN THE SOILS TEST REPORT.
- SOILS TEST REPORT.

  FERTILIZERS ALL FERTILIZING MATERIALS SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE STATE AGRICULTURAL CODE. ALL FERTILIZING MATERIALS SHALL BE PACKAGED, FIRST GRADE, COMMERCIAL QUALITY PRODUCTS IDENTIFIED AS TO SOURCE, TYPE OF MATERIAL, WEIGHT AND MANUFACTURER'S GUARANTEED ANALYSIS. FERTILIZING MATERIAL SHALL NOT CONTAIN TOXIC INGREDIENTS OF ILLERS IN QUANTITIES HARMFUL TO HUMAN LIFE, ANIMALS, OR PLANT LIFE.

  COMMERCIAL FERTILIZERS, COMMERCIAL FERTILIZER.
- COMMERCIAL FERTILIZERS COMMERCIAL FERTILIZER SHALL BE A PALLETIZED OR GRANULAR PRODUCT HAVING A CHEMICAL ANALYSIS AS SPECIFIED ON THE PLANS OR IN THESE SPECIFICATIONS.
- INESE SYPELIFILA ILIUNS.

  ORGANIC SOIL AMENDMENT ORGANIC SOIL AMENDMENT
  SHALL BE A WELL COMPOSTED ORGANIC BASE, CLASS I OR
  CLASS II. WOOD BASED PRODUCTS ARE CONDITIONALLY
  ACCEPTABLE (STABLE HUMUS MUST BE PRESENT). WOOD
  BASED PRODUCTS ARE NOT ACCEPTABLE WHICH ARE BASED
  ON RED WOOD OR CEDAR. SLUDGE-BASED MATERIALS ARE
  NOT ACCEPTABLE.

#### INSTALLATION

- INSTALL ALL PLANT MATERIALS AS PER PLANS, NOTES, AND. DETAILS.
- EXTRANEOUS MATERIALS TO A DEPTH OF 12 INCHES BELOW FINISH GRADE BEFORE TOPSOIL WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR FINISH GRADE, INCLUDING AND IMPORT SOIL ADJUSTMENTS TO EARTH BERMS AND SLOPE SHAPES. PROVIDE FINISH GRADE IN PLANTING AREAS AT A MINIMUM 2% MINIMUM GRADIENT. FINISH GRADE SHALL BE 2" BELOW ADJACENT WALKS, CURBS, DRIVEWAYS, ETC. IN GROUND COVER AREAS.
- FINISH GRADE THE FINISH GRADE SHALL BE SMOOTH UNIFORM, AND FREE OF ABRUPT GRADE CHANGES AND DEPRESSIONS TO INSURE SURFACE DRAINAGE. ALL PLANTED AREAS SHALL BE RAKED AND SMOOTHED TO THE REQUIRED GRADES AND CONTOURS PRIOR TO INSTALLATION. FINISH SURFACES SHALL BE CLEAN AND SUITABLE FOR PLANTING.
- ALLOW THE LANDSCAPE DESIGNER TO ADJUST PLANT LOCATIONS PRIOR TO ANY PLANTING.
- ALL LANDSCAPED AREAS SHALL BE PLANTED WITH GROUND. COVER AS SHOWN ON THE PLANS. GROUND COVER SHALL BE ROOTED TIP CUTTINGS FROM FLATS AND SHALL BE PLANTED IN STAGGERED ROWS CONTINUOUSLY UNDER ALL FREES AND SHRUBS IN THE AREAS DESIGNATED ON THE PLANS AND AT THE SPACING INDICATED IN THE PLANT LEGEND.
- AMEND ALL PLANT AREAS AS FOLLOWS:

\*SOIL SPECIFICATIONS PROVIDED FOR BID PURPOSES ONLY CONTRACTOR SHALL ADJUST AMENDMENTS AND BID BASED UPON LAB SOIL TEST PROVIDED BY THE CONTRACTOR. FEST AND REPORT SHALL BE FROM A CERTIFIED SOILS LABORATORY AND SHALL PROVIDE A COMPLETE REGULAR ANALYSIS, ORGANIC MATTER CONTENT, AND TEXTURAL ANALTSIS, ORGANIC MATTER CONTENT, AND TEXTORAL CHARACTERISTICS. A MINIMUM OF ONE SAMPLE AT EACH OF THE FOLLOWING DEPTHS: 0"-12", 12"-24", AND 24"-36". PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT A COPY OF THE FINAL SOILS REPORT TO THE LANDSCAPE DESIGNER FOR REVIEW AND APPROVAL 1.SOIL IMPROVEMENT FOR ALL PLANTER AREAS:

ROTOTILL THE FOLLOWING AMENDMENTS 6-8" DEEP AND IRRIGATE THOROUGHLY:

- 2 CU YDS WELL COMPOSTED CLASS I OR CLASS II ORGANIC MATTER PER 1,000 SQ FT
- 100 LBS OF TURF-PLUS [AVAILABLE AT AGUINAGA FERTILIZER COMPANY, (909) 899-12031 25 LBS AGRICULTURAL GYPSUM PER 1,000 SQ FT 2.BACKFILL MIX FOR TREES, SHRUBS, AND VINES SHALL
- 80% BY VOLUME NATIVE ON-SITE SOIL
- 20% BY VOLUME WELL COMPOSTED CLASS I OR CLASS II ORGANIC MATTER

SOIL AMENDMENT APPLICATION RATES
GENERAL SOIL PREPARATION: APPLY 70 LBS. PER 1,000 SQ.

PROBLEM OR COMPACTED SOILS: APPLY 90-100 LBS. PER

- PLANT INSTALLATION PLANTING HOLES SHALL BE
  APPROXIMATELY SQUARE WITH THE VERTICAL SIDES TWICE
  THE DEPTH AND WIDTH OF THE PLANT CONTAINER OR BALL,
  AND SHALL BE LARGER IF NECESSARY TO PERMIT HANDLING
  AND PLANTING WITHOUT INJURY OR BREAKAGE OF THE
  ROOT BALL OR ROOT SYSTEM. ANY PLANT WITH A BROKEN
  OR CRACKED ROOT BALL BEFORE OR DURING PLANTING
  SHALL NOT BE PLANTED.

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  THE PRIVILE SOIL AT THE PRIVILE P
- THE NATIVE SOIL AT THE BOTTOM OF THE PLANTING HOLES SHALL BE SCARIFIED TO A DEPTH OF 6 INCHES.
- SHALL BE SCARIFIED TO A DEPTH OF 6 INCHES.

  AFTER PLANTING, THE PLANT SHALL BE PLUMB WITH THE ROOT CROWN AT ITS NATURAL GROWING DEPTH WITH RESPECT TO FINISH GRADE. BACKFILL SHALL BE THOROUGHLY WATER-SETILED AND ADDITIONAL PREPARED SOIL MIX ADDED TO FILL ANY REMAINING VOID BELOW FINISH GRADE. A CIRCULAR WATERING BASIN SLIGHTLY LARGER THAN THE PLANTING HOLE SHALL BE LET AROUND THE PLANT. THE BOTTOM OF THE BASIN SHALL BE AT APPROXIMATELY FINISH GRADE OR SLIGHTLY LOWER. MULCH SHALL BE SPREAD AT LEAST I INCH THICK IN THE BASIN. THE AREA AROUND PLANTS SHALL BE REGRADED TO FINISH GRADE. THE EXCESS SOIL SHALL BE DISPOSED OF

BY THE CONTRACTOR. ALL TREES SHALL BE STAKED AND GUYED PER DETAILS.

## ALL WORK SHALL BE DONE IN ACCORDANCE WITH THESE PLANS, DETAILS, AND SPECIFICATIONS AS WELL AS ALL APPLICABLE LOCAL CODES.

- DIES.

  I.PRIOR TO THE PLANTING OF ANY MATERIALS,
  COMPACTED SOILS SHALL BE TRANSFORMED TO A FRIABLE
  CONDITION. ON ENGEINEERED SLOPES, ONLY AMENDED
  PLANTING HOLES NEED MEET THIS REQUIREMENT. 2.FOR LANDSCAPE INSTALLATIONS, COMPOST AT A RATE OF A MINIMUM OF FOUR CUBIC YARDS PER ONE THOUSAND SQUARE FEET OF PERMEABLE AREA SHLL BE INCORPORATED TO A DEPTH OF SIX INCHES INTO THE SOIL SOIL WITH GREATER THEN SIX PERCENT ORGANIC MATTER IN THE TOP SIX INCEHES OF SOIL ARE EXEMPT FROM ADDING COMPOST AND TILING
- 3.A MIN. THREE INCH LAYER OF MULCH SHALL BE 3.4 MIN. THREE INCH LAYER OF MULCH SHALL BE APPLIED ON ALL EXPOSED SOIL SURFACED OF NON-TURE PLANTING AREAS, EXCEPT FOR CREEPING OR ROOTING GROUNDCOVERS, DIRECT SEEDING, AND OTHER APPLICATIONS WHERE MULCH IS CONTRAINDICATED. TO PROVIDE HABITAT FOR BENEFICIAL INSECTS AND OTHER WILDLIFE, UP TO FIVE PRECENT OF THE LANDSCAPE AREA MAY BE LEFT WITHOUT MULCH. DESIGNATED INSECT HABITAT MUST BE INCLUDED IN THE LANDSCAPE DESIGN PLAN AS SUCH. STABILIZING MULCHING PRODUCTS SHALL BE USED ON SLOPES THAT MEET CURRENT ENGINEERING STANDARDS. THE MULCHING PORTION OF THE SEED/MULCH SURF IN THYROGENEED APPLICATIONS SHALL MEET THE MULCHING REQUIREMENTS.
- 4. ORGANIC MULCH MATERIALS MADE FROM RECYCLED OR POST CONSUMER MATERIALS SHALL BE USED
  INSTEAD OF INORGANIC MATERIALS OF VIRGIN FOREST
  PRODUCTS UNLESS THE RECYCLED POST CONSUMER ORGANIC PRODUCTS ARE NOT LOCALLY AVAILABLE, ORGANIC ARE NOT REQUIRED WHERE PROHIBITED BY LOCAL FIRE CODES.

WHEN A SOIL MANAGEMENT REPORT IS REQUIRED PURSUANT TO THE APPLICATION REQUIREMENTS, THE SOIL AMALYSIS RECOMMENDATIONS SHALL BE IMPLEMENTED AND SOIL AMENDMENTS SHALL BE INCORPORATED ACCORDING TO THE REPORT AND WHAT IS APPROPRIATE FOR THE PLANTS

### MAINTENANCE AND WARRANTIES

- THE MAINTENANCE PERIOD SHALL COMMENCE UPON THE OWNER'S AND THE LANDSCAPE DESIGNER'S WRITTEN APPROVAL OF ALL PHASES OF PLANTING INSTALLATION AND SHALL BE:
- MAREANTY PERIOD FOR TREES, SHRUBS AND PLANT MATERIAL OVER 15 GALLONS: ONE YEAR FROM DATE OF FINAL INSPECTION AND
- ACCEPTANCE. 2.WARRANTY PERIOD FOR 15 GALLON PLANTS: SIX MONTHS FROM DATE OF FINAL
- INSPECTION AND ACCEPTANCE 3.WARRANTY PERIOD FOR 5 GALLON PLANTS: SIX MONTHS FROM DATE OF FINAL

INSPECTION AND ACCEPTANCE FOR BID PURPOSES ONLY: MAINTENANCE WORK SHALL INCLUDE A MINIMUM TWO (2) FERTILIZER APPLICATIONS TO ALL PLANTING AREAS DURING THE MAINTENANCE PERIOD. ALL PLANTING AREAS DURING THE MAINT WANNEE PERIOD
AT THE FIRST SIGN OF A DEFICIENCY UP TO THIRTY (30
DAYS, THE CONTRACTOR SHALL TEST A MINIMUM OF ON
SOIL SAMPLE FROM GROUND COVER AREAS TO DETERMI
FERTILIZER NEEDS FOR APPLICATION.

- MAINTENANCE PROCEDURES THE GENERAL CARE AND MAINTENANCE OF ALL AREAS SHALL CONSIST OF PROPER WATERING, FERTILIZATION, WEEDING, CLEAN-UP, AND AS
- 1.CULTIVATE AND WEED AT NOT LESS THAN TEN (10)
- WORKING DAY INTERVALS.

  2.APPROXIMATELY THIRTY (30) DAYS AFTER INITIAL PLANTING, APPLY (2) 5 LBS 16-6-8 FERTILIZER PER 1,000 SQ FT. APPLY AND THOROUGHLY IRRIGATE. THE SECOND APPLICATION USING THE ABOVE SPECIFIED FERTILIZER AT THE SAME RATE SHALL BE APPLIED IN ANOTHER SIXTY (60) DAYS OR JUST BEFORE MAINTENANCE PERIOD ENDS.
- (60) DATS OR JUST BEFORE MAINTENANCE PERIOD ENDS.
  3.CONTRACTOR SHALL MAINTAIN THE IRRIGATION
  SYSTEM IN A LIKE NEW, OPERATING CONDITION,
  ADJUSTING HEAD HEIGHTS, THROW AND SPRAY ARCS AS
  NECESSARY. THE CONTRACTOR SHALL BE RESPONSIBLE
  FOR PROPER WATERING OF ALL PLANTING AREAS, AND
  SHALL REPLACE ANY PLANT MATERIALS DAMAGED DUE TO
  IMPROPER MOISTURE.
- ANY CONCENTRATED DEVELOPMENT OF WEED GROWTH THAT MAY APPEAR IN PLANTING AREAS DURING MAINTENANCE PERIOD SHALL BE REMOVED AT THIRTY (30) DAY INTERVALS. THE CONTRACTOR MAY ELECT TO REMOVE SUCH CONCENTRATIONS OF WEEDS MANUALLY OR BY AN APPROVED HERBICIDE PROGRAM. THE CONTRACTOR SHALL CONSULT THE LANDSCAPE DESIGNER PRIOR TO USING ANY HERBICIDE.
- PRIOR TO USING ANY HERBICIDE.

  5.DURING THE COURSE OF THE MITTENANCE WORK,
  THE CONTRACTOR SHALL REMOVE SURPLUS MATERIA
  AND DEBRIS FROM THE SITE AND SHALL KEEP THE
  PREMISES IN A NEAT AND CLEAN CONDITION AT ALL
  TIMES.

DURING THE MAINTENANCE PERIOD, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE PROTECTION FOR ALL PLANTING AREAS. ANY DAMAGE TO AREAS SHALL BE IMMEDIATELY REPAIRED AT THE CONTRACTOR'S EXPENSE.

THE LANDSCAPE IRRIGATION SYSTEM SHALL BE THE LANDSCAPE IRRIGATION SYSTEM SHALL BE MAINTAINED TO ENSURE SUCCESFRUL ESTABLISHMENT FOLLOWING INSTALLATION, AND TO ENSURE WATER USE EFFICIENCY REMAINS EQUAL TO OR BELOW MAXIMUM APPLIED WATER ALLOWANCE, CONSISTENT WITH SUBMITTED PLANS AND REQUIREMENTS. IRRIGATION SYSTEMS SHALL BE TESTED, ADJUSTED AND REPAIRED FOLLOWING THE MANUFACTURERES SPECIFICATION AND THE RECOMMENDATIONS OF THE LANDSCAPE PROFESSIONAL.

A DIAGRAM OF THE IRRIGATION PLAN SHOWING HYDROZONES SHALL BE KEPT WITH THE IRRIGATION CONTROLLER FOR SUBSEQUENT MANAGEMENT PURPOSES

WHENEVER POSSIBLE, REPAIR OF IRRIGATION EQUIPMENT SHALL BE DONE WITH THE ORIGINAL SPECIFIED MATERIALS OR THEIR EQUIVALENTS, OR WITH COMPONENETS OF GREATER EFFICIENCY.

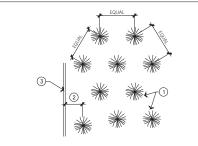
# TREE PRESERVATION GUIDELINES DURING CONSTRUCTION IREE PRESERVATION GUIDELINES DURING CONSTRUCTION BEFORE CONSTRUCTION WORK BEGINS, WHICH WILL IMPACT A TREE, AN ARBORIST SHALL ASSESS THE IMPACT OF CONSTRUCTION BASED ON THE CONDITION OF THE TREE. MITIGATING MEASURES NECESSARY TO PROTECT THE TREE. MILL BE STATED AND REVIEWED BY THE TEAM. THE FOLLOWING GUIDELINES HAVE BEEN DEVELOPED TO BEOTHER THESE SILIBING. CONSTRUCTION BEOLIFTS.

- a. A ROOT PROTECTION ZONE SHALL BE DEFINED BY A FOUR-FOOT HIGH TWO-BY-FOUR BARRIER CONSTRUCTED AROUND ANY POTENTIALLY IMPACTED TREE. THIS BARRIER SHALL BE AT THE DRIP LINE OR AT A DISTANCE FROM THE TRUNK EQUAL TO 6 INCHES FOR EACH INCH OF TRUNK DIAMETER 4 ½-FEET ABOVE THE GROUND IF THIS METHOD DEFINIES A 10-PEED ABEA.
- b. SHOULD IT BE NECESSARY TO TRENCH WITHIN THIS AREA, TRENCHES SHALL BE HAND DUG. NO ROOTS LARGER THAN TWO INCHES SHALL BE CUT UNLESS NO OTHER ALTERNATIVE IS FEASIBLE. ALL ROOTS GREATER THAN TWO (2) INCHES IN DIAMETER MUST BE CLEANLY CUT TO ENCOURAGE GOOD CALLUS TISSUE. IT IS RECOMMENDED THAT ROOTS BE PRUNED BACK TO THE NEXT ROOT NODE.
- C. ALL SMALLER ROOTS THAT MUST BE CUT SHALL BE SAW CUT (NO TRENCHERS) FLUSH WITH THE SIDE OF THE TRENCH. IF AT ANY TIME 25 PERCENT OF THE AREA WITHIN THE ROOT PROTECTION ZONE IS BEING SEPARATED FROM THE TREE BY A TRENCH, THE LINE SHALL BE LOCATED BY BORING OR AN ALTERNATE LOCATION FOR THE TRENCH ESTABLISHED.
- AT NO TIME SHALL ANY EQUIPMENT, MATERIALS, SUPPLIES e. AI NO IME SHALL ANY EQUIPMENT, MATERIALS, SUPPLIES OF FILL BE ALLOWED WITHIN THE PRESCRIBED ROOT PROTECTION ZONE UNLESS OTHERWISE DIRECTED BY THE CITY THE ROOT PROTECTION ZONE IS DEFINED AS THE LARGER OF THE ORIP LINE OF THE TREE OR THE DISTANCE FROM THE TRUNK EQUAL TO SIX (6) INCHES FOR EACH INCH OF TRUNK DIAMETER MEASURED AT 4.5 FEET ABOVE EXISTING GRADE
- 2.REPLACE TREES THAT CANNOT BE REPAIRED AN RESTORED TO FULL-GROWTH STATUS, AS DETERMINED BY THE QUALIFIED ARBORIST.

PROTECT TREES DURING CONSTRUCTION PROJECTS

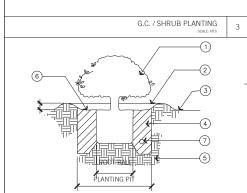
- d. THE MINIMUM CLEARANCE BETWEEN AN OPEN TRENCH AND A STREET TREE SHALL BE ONE (1) FOOT, OR SIX (6) INCHES FOOL INCH OF TRUNK DIAMETER MEASURED AT 4.5 FEET ABOVE EXISTING GRADE IF TRUNK THIS METHOD DEFINES A LARGER DISTANCE. THE MAXIMUM CLEARANCE SHALL BE TEN (10) FEET. THE CONTRACTOR SHALL CONFORM TO THESE PROVISIONS UNLESS OTHERWISE DIRECTED BY AN ARBORIST.
- REPAIR OR REPLACE TREES AND VEGETATION INDICATED TO REMAIN THAT ARE DAMAGED BY CONSTRUCTION OPERATIONS, IN A MANNER APPROVED BY ARCHITECT.
- 1.EMPLOY A QUALIFIED ARBORIST, LICENSED IN
  JURISDICTION WHERE PROJECT IS LOCATED, TO SUBMIT
  DETAILS OF PROPOSED REPAIRS AND TO REPAIR DAMAGE
  TO TREES AND SHRUBS.

FAILED PLANTS SHALL BE REPLACED WITH THE SAME OR FUNCTIONALLY EQUIVALENT SPECIES THAT MAY BE SIZE ADJUSTED AS APPROPRIATE FOR THE STAGE OF GROWTH OF THE OVERALL INSTALLATION.

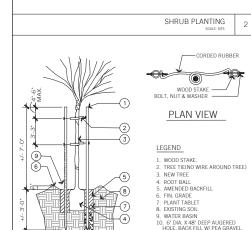


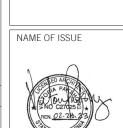
#### LEGEND:

- LOCATE PLANTS WITH EQUAL SPACING AS INDICATED ON PLAN (TRIANGULAR SPACING).
- 3. FACE OF BUILDING, PAVING, OR HEADER SHOWING



- CONTAINER PLANT
- 2. WATER BASIN R FINISH GRADE . AMENDED BACKFILL
- 5. EXISTING SOIL 7. PLANT TABLET





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CONSULTANTS

KEY PLAN

## **MAMMOTH** VILLAS 3 AT OBSIDIAN

MAMMOTH LAKES, CA 93546

SHEET TITLE: GENERAL NOTES

NOT FOR CONSTRUCTION

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3617 exposition boulevard los angeles ca 90016 310 450 8100 fax 323 737 3290

CONSULTANTS

NAME OF ISSUE



KEY PLAN

MAMMOTH VILLAS 3 AT OBSIDIAN

MAMMOTH LAKES, CA 9354





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KEY PLAN

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KEY PLAN

MAMMOTH VILLAS 3 AT OBSIDIAN

MAMMOTH LAKES, CA 93546



ENLARGED PLANTING PLAN

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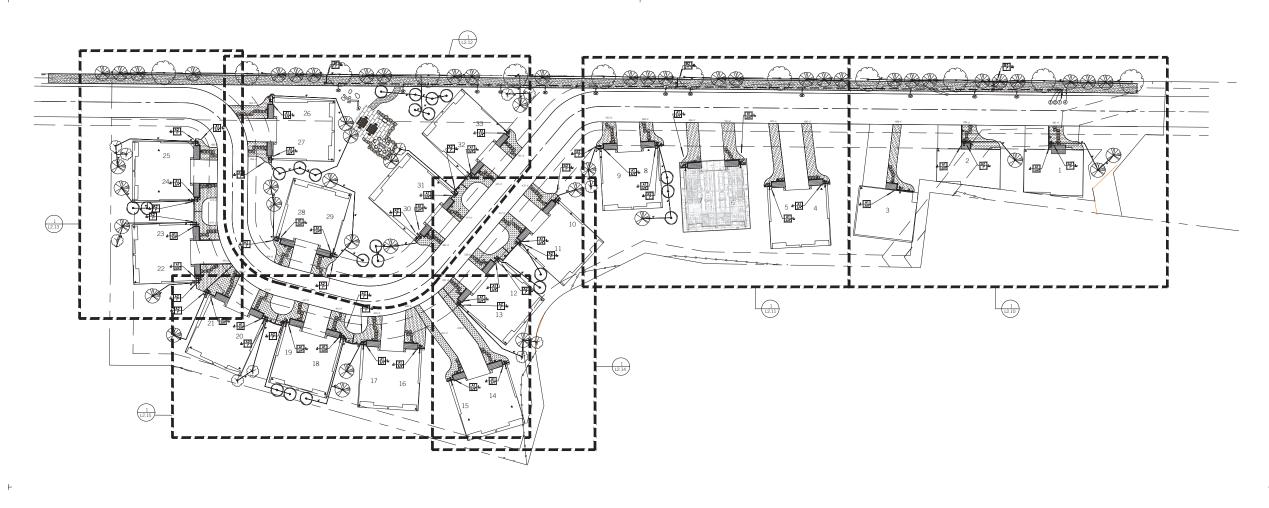
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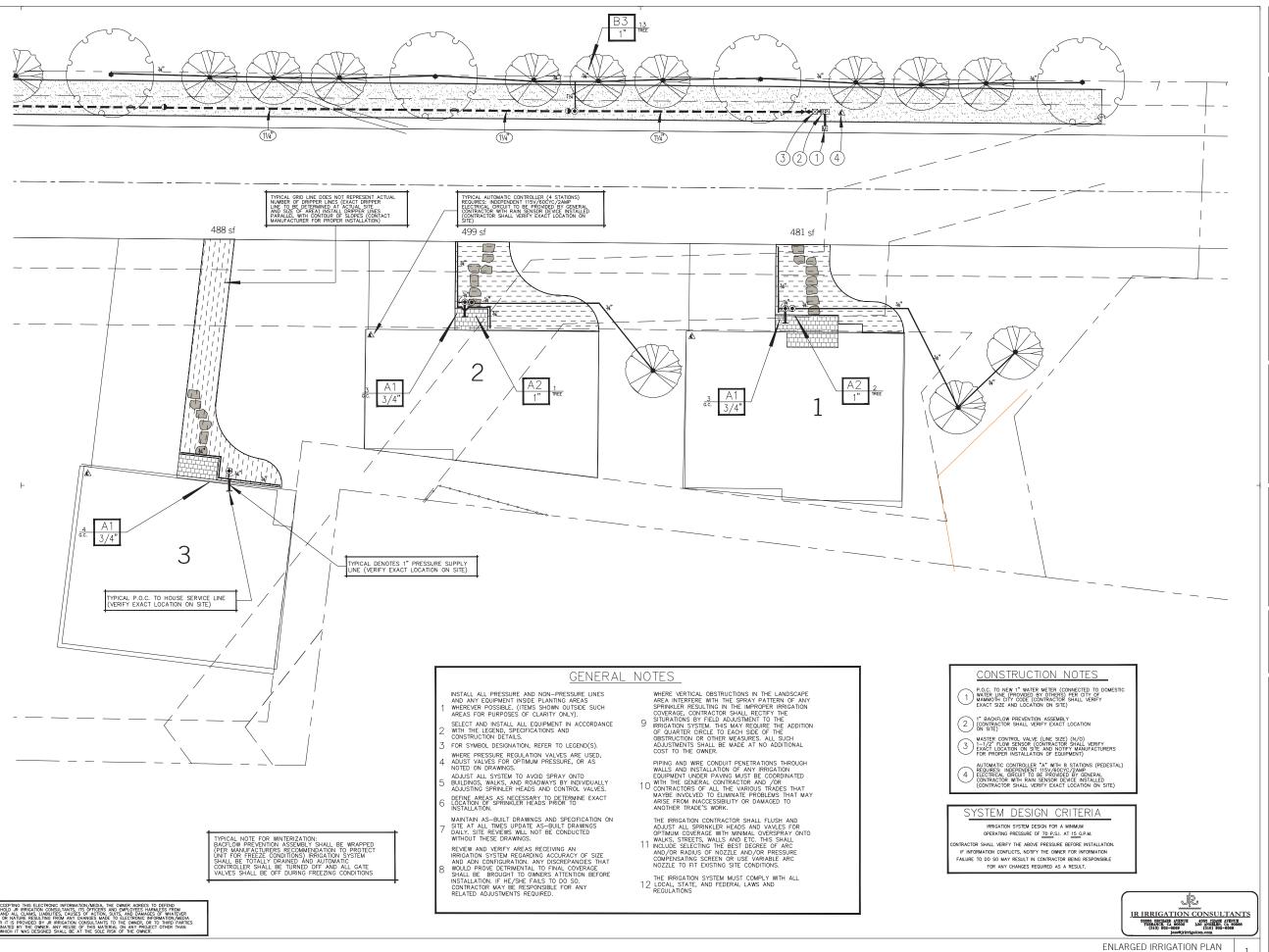
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IRRIGATION REFERENCE PLAN
SCALE: 1" = 30'-0"



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NAME OF ISSUE



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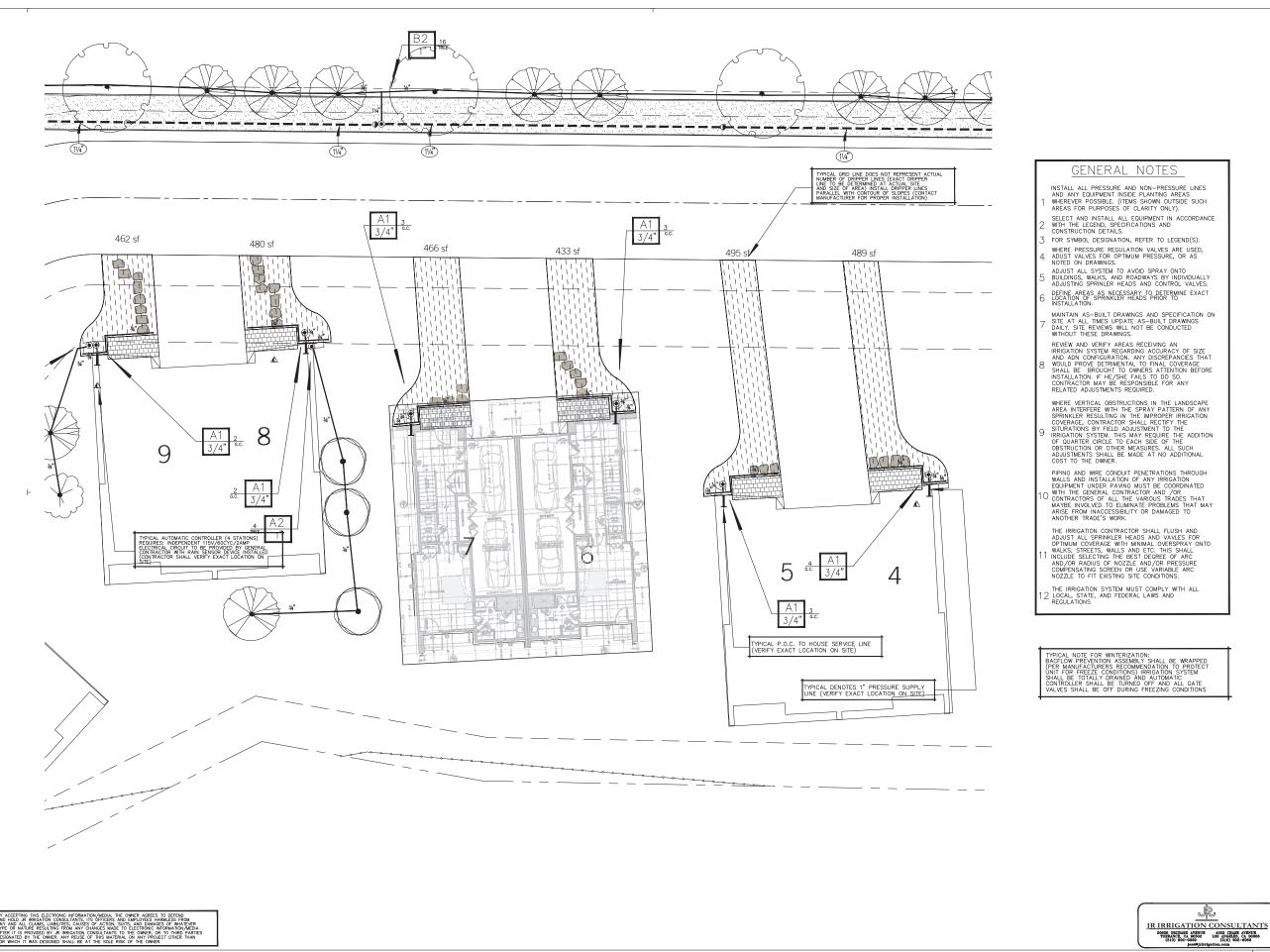
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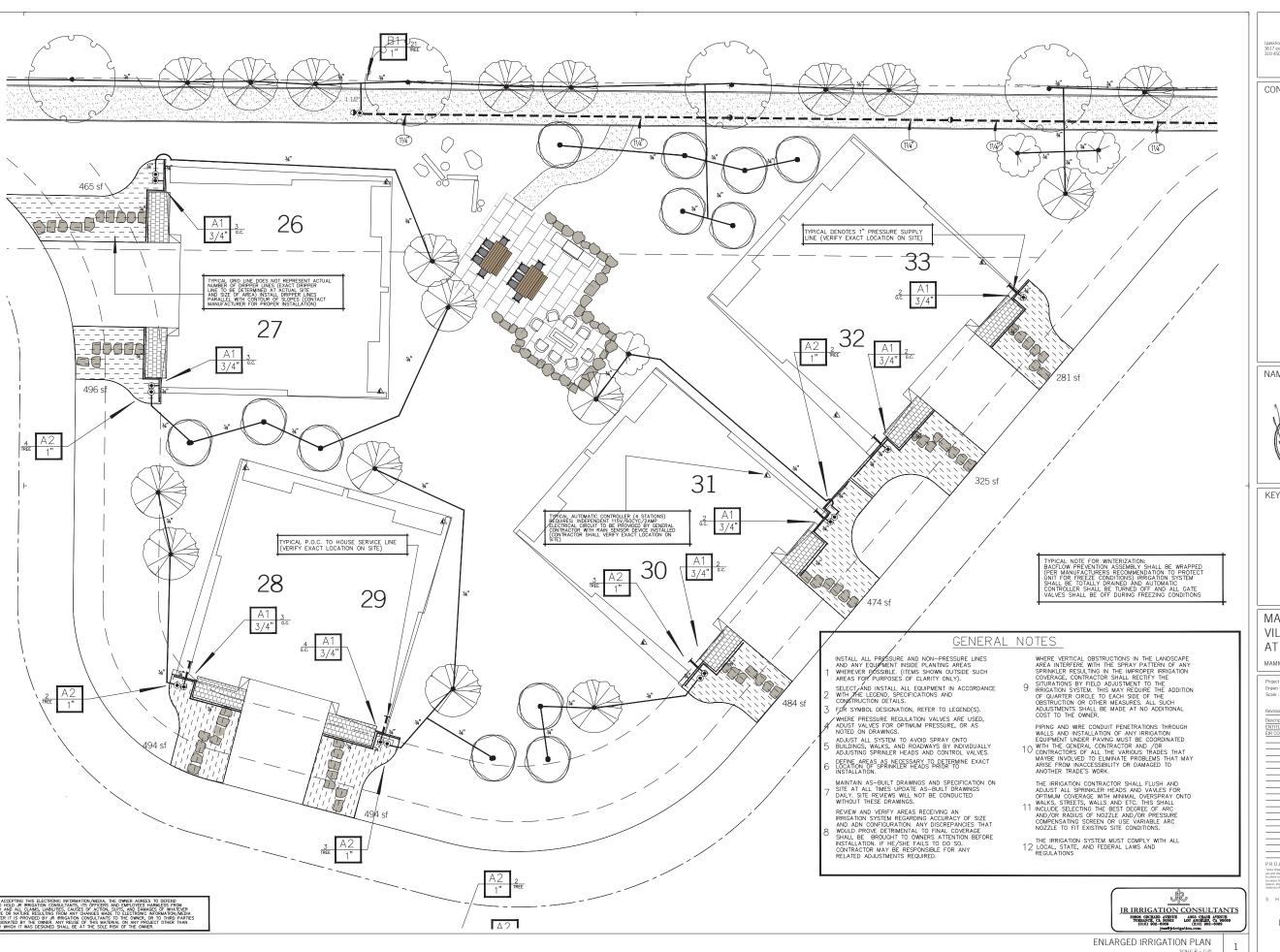
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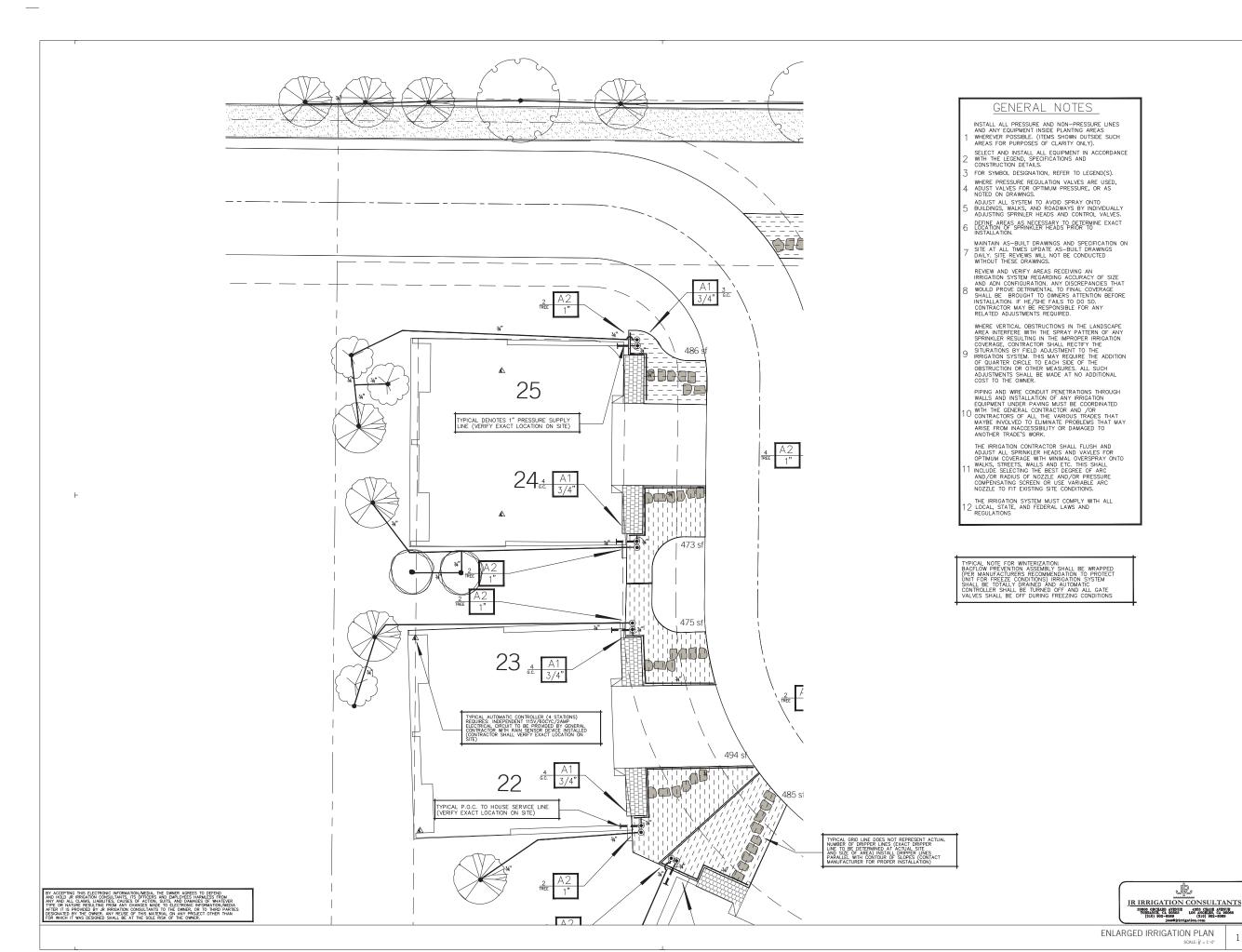
## MAMMOTH VILLAS 3 AT OBSIDIAN

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IRRIGATION PLAN

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CONSULTANTS

NAME OF ISSUE



KEY PLAN

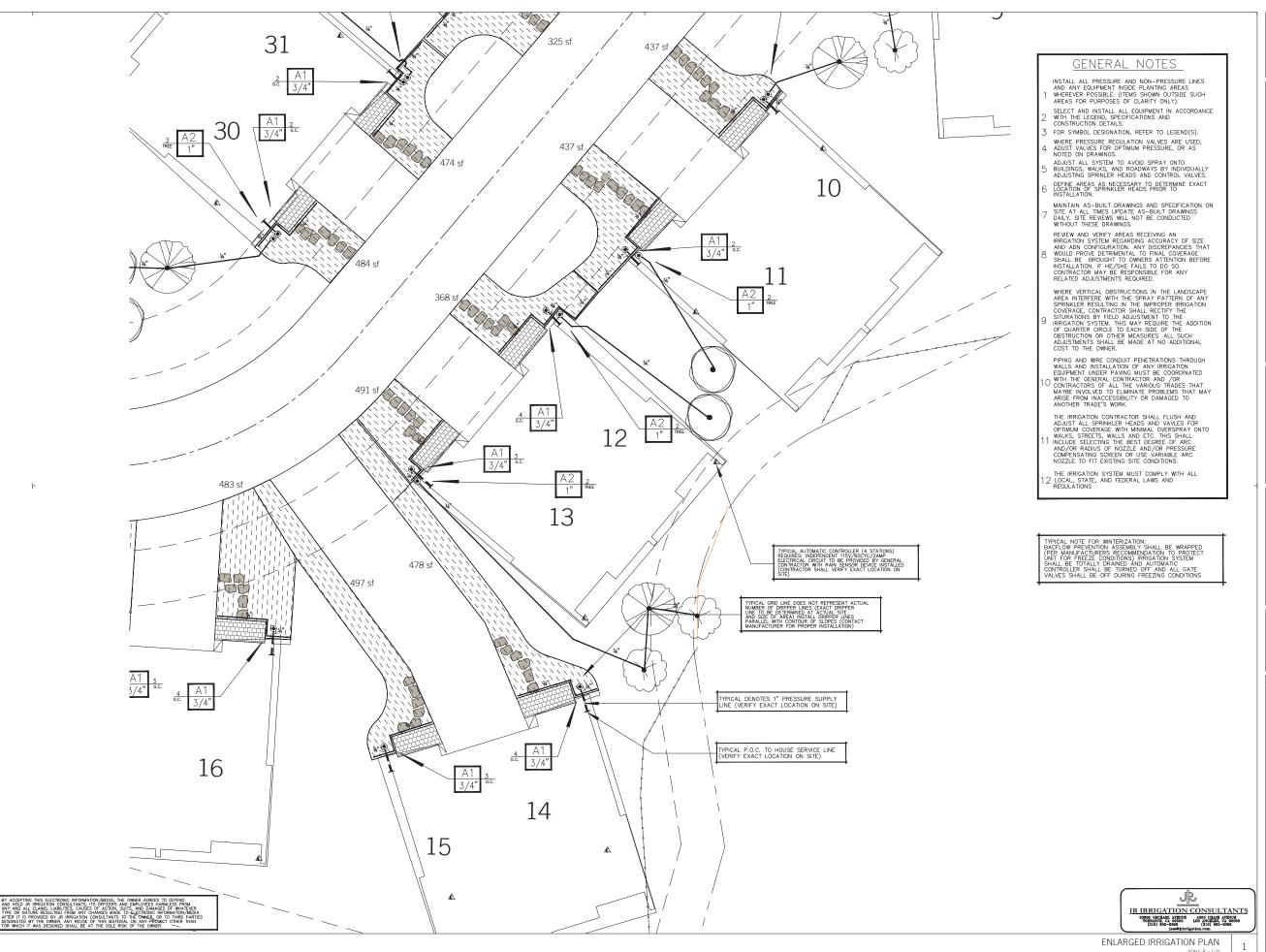
MAMMOTH VILLAS 3 AT OBSIDIAN

MAMMOTH LAKES, CA 93546

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ENLARGED IRRIGATION PLAN

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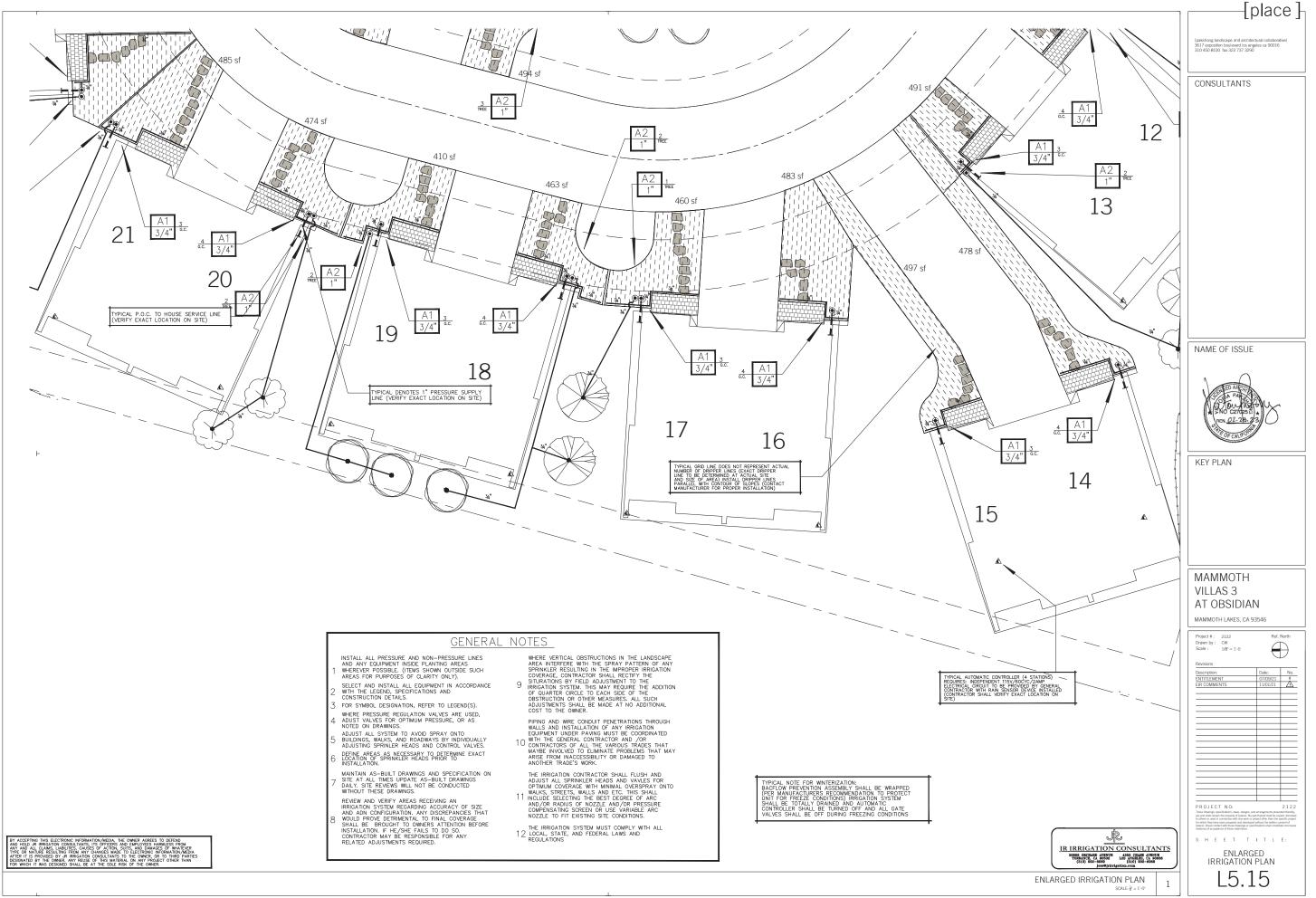
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MAMMOTH LAKES, CA 93546

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#### SPECIFICATION

- 1. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO LOCAL BUILDING AND PLUMBING CODES HAVING JURISDICTION.
- 2. APPLY AND PAY FOR ALL PERMITS REQUIRED FOR THIS PORTION OF THE WORK
- 3. PROTECT THIS WORK AND THE OWNER'S PROPERTY FROM DAMAGE AS A RESULT OF THE WORK.
- 4. PRIOR TO SUBMITTING BID, EXAMINE THE SITE AND THE CONDITIONS THEREOF.
- 5. THE WORK TO BE PERFORMED UNDER THIS CONTRACT INCLUDES FURNISHING ALL LABOR, MATERIALS, TOOLS, MACHINERY, AND EQUIPMENT NECESSARY TO INSTALL A COMPLETE SPRINKLER AS SHOWN ON THE IRRIGATION PLANS, INCLUDING TRENCHING, BACKFILLING, ETC.
- 6. PRIOR TO COMMENCING WORK ON THE PROJECT, ARRANGE AN ON SITE CONFERENCE WITH THE LANDSCAPE ARCHITECT, OR HIS DULY APPOINTED REPRESENTATIVE.
- 7. THE INSTALLATION AND OPERATION OF THE SYSTEM MUST BE APPROVED BY THE LANDSCAPE ARCHITECT.
- 8. IF IT IS FOUND DURING INSTALLATION THAT THE SITE VARIES FROM THE DRAWINGS, NOTIFY THE LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
- 9. COORDINATE THE INSTALLATION OF ALL SPRINKLER MATERIALS, INCLUDING PIPE, WITH THE LANDSCAPE DRAWINGS TO AVOID INTERFERING WITH THE PLANTING OF TREES, SHRUBS, OR OTHER PLANTING.
- 10. IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS TO INDICATE A COMPLETE SPRINKLER SYSTEM INSTALLED AND READY FOR USE WITHOUT FURTHER COST TO THE OWNER.
- 11. NOTE ACCURATELY ON ONE SET OF REPRODUCIBLE PRINTS OF THE DRAWINGS, RECORD PLAN KEPT UP TO DATE AS THE PROJECT IS UNDER CONSTRUCTION. DIMENSION FROM TWO PERMANENT POINTS OF REFERENCE THE LOCATION OF THE PRESSURE SUPPLY LINE ROUTING, ALL VALVES, PLUG TEES, AND CONTROL WIRE.

  12. THE SPRINKLER SYSTEM AND DRIP SYSTEM SHALL BE UNCONDITIONALLY WARRANTED FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE. MANUFACTURER WARRANTES SHALL NOT REPLACE THIS WARRANTY AND THE CONTRACTOR SHALL BE LIABLE FOR REPAIRS AND REPLACEMENT OF FAILED MATERIAL.
- 13. UPON COMPLETION ON THE WORK, REMOVE ALL EXCESS MATERIAL, EQUIPMENT AND WASTE TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT.
- 14. THE SPRINKLER/DRIP SYSTEM INSTALLATION SHALL BE DEEMED INCOMPLETE UNTIL ALL SPRINKLER HEADS, DRIP SYSTEM, VALVES AND ALL RELATED IRRIGATION EQUIPMENT HAVE BEEN CHECKED AND ADJUSTED TO BEST CONFORM TO THE CONDITIONS AND REQUIREMENTS THAT WILL PREVAIL AT THE FINISH SITE, AND APPROVED RECORD DRAWINGS HAVE BEEN SUBMITTED. (THIS INCLUDES CHANGE OF NOZZLES IF REQUIRED FOR PROPER COVERAGE.)
- 15. ALL SPRINKLER HEADS, DRIP SYSTEMS AND PIPING SHALL BE INSTALLED PER THEIR DETAILS, IN THEIR RESPECTIVE LOCATIONS, AND SHALL BE OF THE MANUFACTURER NOTED UNLESS OTHERWISE APPROVED.
- 16. ALL MATERIAL REQUIRED FOR THE PROJECT SHALL BE AS INDICATED IN THE LEGEND AND INSTALLED ACCORDING TO SAME OR AS RECOMMENDED BY THE MANUFACTURER.
- 17. ELECTRICAL SERVICE REQUIRED FOR CONTROLLER SHALL BE PROVIDED BY GENERAL CONTRACTOR.
- 18. CONNECTION BETWEEN CONTROLLER AND REMOTE CONTROL VALVES WITH DIRECT BURIAL AWG-UF 600 VOLT WIRE. MAKE SIZE NO.14. WHERE PERMITTED SPLICES SHALL BE WATERPROOFED.
- 19. PLASTIC FITTINGS SHALL BE SCHEDULE 40 POLYVINYL CHLORIDE INJECTION MOLDED AND SIDE GATED. THREADS REQUIRED, SHALL ALSO BE INJECTION MOLDED.
- 20. EXCAVATE TRENCHES TO SUFFICIENT DEPTH TO PROVIDE COVERAGE OF 18" OVER ALL PRESSURE SUPPLY LINES AND 12" OVER ALL NON-PRESSURE LINES, OTHERWISE NOTED ON DRAWING. WHEN PIPING IS LOCATED UNDER PAVED AREAS. CONSIDER DIMENSION TO BE BELOW SUBGRADE.
- 21. COMPACT BACKFILL FOR TRENCHING TO A DRY DENSITY EQUAL TO THE ADJACENT UNDISTURBED SOIL, CONFORMING TO ADJACENT GRADES WITHOUT DIPS, SUNKEN AREAS, HUMPS, OR OTHER IRREGULARITIES.
- 22. INITIAL BACKFILL ON PLASTIC LINES SHALL BE OF A FINE GRANULAR MATERIAL WITH NO FOREIGN MATTER LARGER THAN 1/2" IN SIZE.
- 23. INSTALL ALL PRESSURE AND NON-PRESSURE LINES, AND ANY EQUIPMENT, INSIDE PLANTING AREAS WHEREVER POSSIBLE. (PLANS SHOW SYSTEM OUTSIDE SUCH AREAS FOR READABILITY AND CLARITY ONLY.)
- 24. PRESSURE REGULATING VALVES USED SHALL BE ADJUSTED FOR OPTIMUM PRESSURE, OR AS NOTED ON DRAWING.
- 25. REGULATE ALL SYSTEMS TO AVOID SPRAYING ONTO BUILDINGS, WALKS, AND ROADWAYS BY INDIVIDUALLY ADJUSTING SPRINKLER HEADS AND CONTROL VALVES.
- 26. IT IS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR TO DEFINE AREAS AS REQUIRED TO DETERMINE EXACT LOCATION OF SPRINKLER HEADS/DRIP SYSTEMS PRIOR TO INSTALLATION.
- 27. MAINTAIN RECORD DRAWINGS AND SPECIFICATIONS ON SITE AT ALL TIMES. RECORD DRAWINGS SHALL BE UPDATED DAILY. SITE REVIEWS WILL NOT BE CONDUCTED WITHOUT THESE DRAWINGS.
- 28. REVIEW AND VERIFY AREAS HAVING AN IRRIGATION SYSTEM INSTALLED FOR ACCURACY OF SIZE AND CONFIGURATION. BRING ANY DISCREPANCIES DISCOVERED THAT WOULD AFFECT FINAL COVERAGE TO THE LANDSCAPE ARCHITECT'S ATTENTION BEFORE INSTALLATION. FAILURE TO DO SO WILL MEAN THE CONTRACTOR MAY BE RESPONSIBLE FOR ANY MODIFICATIONS REQUIRED.
- 29. SUPPLY AS PART OF THIS CONTRACT THE FOLLOWING TOOLS:
  - (A) TWO KEYS FOR EACH CONTROLLER SPECIFIED.
  - (B) TWO COUPLERS AND MATCHING HOSE SWIVELS.
  - (C) ONE CONTROLLER CHART FOR EACH CONTROLLER SUPPLIED. THIS CHART SHALL BE A REDUCED DRAWING OF THE ACTUAL RECORD DRAWING, WITH EACH STATION INDICATED IN A DIFFERENT COLOR. CHART SHALL BE ENCAPSULATED BETWEEN TWO PIECES OF PLASTIC, 20 MILS. TOTAL.

### GENERAL LEGEND

SYMBOLS	DESCRIPTIONS	MANUFACTURER & PART NO.	REFERENCE
P.Q.C.	POINT OF CONNECTION		SPECIFICATION
	PRESSURE SUPPLY LINES & SIZE 2 & SML	SCHEDULE 40 P.V.C.	SPECIFICATION
	NON-PRESSURE LINES & SIZE	SCHEDULE 40 P.V.C.	SPECIFICATION
	CONTROLLER SEQUENCE		
	GALLONS PER MINUTE		
	PLANTING AREA TYPE REMOTE CONTROL VALVE SIZE		
	AUTOMATIC CONTROLLER	RAINBIRD ESP4ME3 (FOR INDIVIDUAL LOT)	DETAIL NO. 1
	AUTOMATIC CONTROLLER	RAINBIRD ESP8LXME-LXMMPED	DETAIL NO. 2
	REMOTE CONTROL VALVES	RAINBIRD PEB SERIES	DETAIL NO. 3
	REMOTE CONTROL VALVE (DRIP ONLY)	RAINBIRD ASVF-075-PRF	DETAIL NO. 4
	QUICK COUPLER	RAINBIRD 3RC	DETAIL NO. 5
	BACKFLOW PREVENTION ASSEMBLY	FEBCO 825Y (1")	DETAIL NO. 6
-	STRAINER ASSEMBLY	FEBCO 650 (2" & SMALLER)	DETAIL NO. 6
	MASTER CONTROL VALVE	SUPERIOR 3100 N/O	DETAIL NO. 7
	FLOW SENSOR ASSEMBLY	DATA INDUSTRIAL 220P	DETAIL NO. 7
	GATE VALVE ASSEMBLY (3" & SMALLER)	HAMMOND IB645	DETAIL NO. 8
	SUB-SURFACE DRIPPERLINES (DRIP SYSTEM)	RAINBIRD XFS-09-18	DETAIL NO. 9
	FLOOD BUBBLERS (FOR TREES)	RAINBIRD RWS-B-C-1402	DETAIL NO. 10
	RAIN CHECK DEVICE	RAINBIRD RAIN CHECK	DETAIL NO. 12
	DRIP OPERATION INDICATOR	RAINBIRD OPERIND	DETAIL NO. 11

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MAMMOTH LAKES, CA 93546

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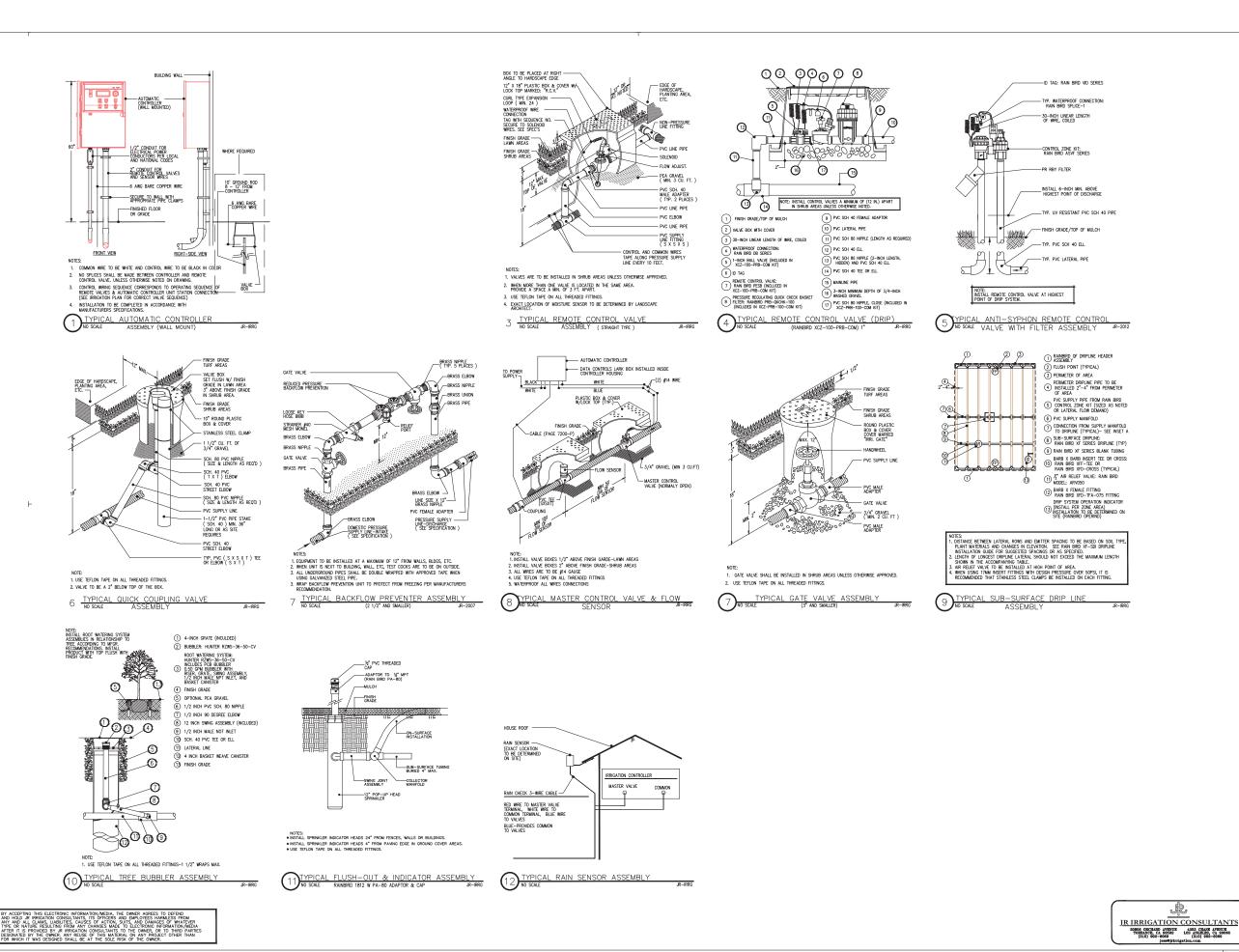
20806 ORCHARD AVENUE 4353 CHASE AVENUE 103 ANGELES, CA 90006 (310) 902-6069 (310) 902-6069

ENLARGED IRRIGATION PLAN

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NOT FOR CONSTRUCTION

BY ACCEPTING THIS ELECTRONIC INFORMATION/MEDIA. THE OWNER AGREES TO DEFEND WON HOLD, AR RIGHTON CONSULTANTS, IS OFFICERS AND DEPLOYEES FAMILESS FROM MY AND ALL CLAMS, LUABUIES, CAUSES OF ACTION, SUITS, AND DAMAGES OF WHATEVER HOPE OR MATURE RESULTION FROM ANY OFFICIAL OF ELECTRONIC MORGANIZON/MEDIA DEPLOYEES AND FROM ANY OFFICIAL OFFICERS AND FROM THE PROPERTY OF THE OWNER, ANY PELUSE OF THIS MATERIAL ON ANY PROJECT OTHER THAN THE OWNER, ANY PELUSE OF THIS MATERIAL, ON ANY PROJECT OTHER THAN THE OWNER, ANY PELUSE OF THIS MATERIAL, ON ANY PROJECT OTHER THAN THE OWNER, ANY PELUSE OF THIS MATERIAL, ON ANY PROJECT OTHER THAN THE OWNER, ANY PELUSE OF THIS MATERIAL, ON ANY PROJECT OTHER THAN THE OWNER, ANY PELUSE OF THE SAME TERMS.



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IRRIGATION DETAILS

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DETAILS

### GENERAL NOTES

- PRIOR TO CONSTRUCTION OF LANDSCAPE AREA OR IRRIGATION, THE CONTRACTOR MUST OBTAIN AND REVIEW A COPY OF THE WATER-EFFICIENT LANDSCAPE AND IRRIGATION STANDARDS
- INSTALL ALL PRESSURE AND NON-PRESSURE LINES AND ANY EQUIPMENT INSIDE PLANTING AREAS WHEREVER POSSIBLE. (ITEMS SHOWN OUTSIDE SUCH AREAS FOR PURPOSES OF CLARITY ONLY.)
- 3 SELECT AND INSTALL ALL EQUIPMENT IN ACCORDANCE WITH LEGEND, SPECIFICATIONS AND CONSTRUCTION DETAILS.
- 4 FOR SYMBOL DESIGNATION, REFER TO LEGEND(S).
- 5 WHERE PRESSURE REGULATING VALVES ARE USED, ADJUST VALVES FOR OPTIMUM PRESSURE, OR AS NOTED ON DRAWINGS.
- ADJUST ALL IRRIGATION SYSTEMS TO AVOID SPRAY ONTO BUILDINGS , WALKS , AND ROADWAYS BY INDIVIDUALLY ADJUSTING SPRINKLER HEADS AND CONTROL VALVES.
- DEFINE AREAS AS NECESSARY TO DETERMINE EXACT LOCATION OF SPRINKLER HEADS AND DRIP SYSTEMS PRIOR TO INSTALLATION.
- MAINTAIN AS-BUILT DRAWINGS AND SPECIFICATION ON SITE AT ALL TIMES. UPDATE AS-BUILT DRAWINGS DAILY. SITE REVIEWS WILL NOT BE CONDUCTED WITHOUT THESE DRAWINGS.
- REVIEW AND VERIFY AREAS RECEIVING AN IRRIGATION SYSTEM REGARDING ACCURACY OF SIZE AND CONFIGURATION, ANY DISCREPANCES THAT WOULD PROVE DETRIMENTAL TO FINAL COVERAGE SHALL BE ROUGHT TO CONTRACTOR MAY BE RESPONSIBLE FOR ANY HE FALLED TO DO 30, THE RECUIRED.

- 13 THE IRRIGATION SYSTEM MUST COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS.
- THE IRRIGATION DESIGNER OR LANDSCAPE ARCHITECT OR LANDSCAPE DESIGNER

  14 TO CHECK APPLEROER O'THE DESIGN, INCLUDING THE PROPER INSTALLATION OF

  ASSCHULY, PRESSURE SUPPLY LINES AND NON-PRESSURE
  LINES, VALVES, SPRINKER HEADS, DIPP RIGHTAIN EQUIPMENT, CONTROL MIRES,
  REMOTE CONTROL, VALVES, HOSE BIBS AND OLICK COUPLERS AND ETC. TO INSURE
  THAT THE IRRIGATION DESIGN HAS BEEN PRESERVED.
- PRESSURE REGULATING DEVICES ARE REQUIRED IF WATER PRESSURE IS BELOW OR EXCEEDS THE RECOMMENDED PRESSURE OF THE SPECIFIED IRRIGATION DEVICES.
- 16 CHECK VALVES OR ANTI-DRAIN VALVES ARE REQUIRED ON ALL SPRINKLER HEADS WHERE LOW POINT DRAINAGE COULD OCCUR.
- 17 A DIAGRAM OF THE IRRIGATION PLAN SHOWING HYDROZONES SHALL BE KEPT WITH THE IRRIGATION CONTROLLER FOR THE SUBSEQUENT MANAGEMENT PURPOSES.
- A CERTIFICATE OF COMPLETION SHALL BE FILLED OUT AND CERTIFIED BY EITHER THE SIGNER OF THE INDIGATED PLANS, OR THE LICENSED LANDSCAPE CONTRACTOR FOR THE PROJECT.
- 19 AN IRRIGATION AUDIT REPORT SHALL BE COMPLETED AT THE TIME OF FINAL INSPECTION.

#### LANDSCAPE AND IRRIGATION MAINTENANCE SCHEDULE

- MAINTENANCE PERIOD: THE MAINTENANCE PERIOD SHALL BE FOR 90 CALENDAR DAYS BEGINNING ON THE 1 DAY OF THE CHECK INSPECTION AFTER ALL WORK HAS BEEN INSTALLED AND APPROVED BY THE LANDSCAPE ARCHITECT, THE MAINTENANCE PERIOD MAY BE EXTENDED TO INICLUDE ANY ADDITIONAL TIME THAT MAY BE REQUIRED TO MEET THE REQUIREMENTS OF THE WORK SPECIFIED.
- 2 <u>GENERAL:</u> THE GENERAL CARE AND MAINTENANCE OF ALL AREAS SHALL CONSIST OF PROPER WATERING, FERTILIZATION, WEEDING, RODENT CONTROL. CLEANUP, ETC.
- 3 SAFETY: ALL PLANT MATERIALS SHALL BE CHECKED AND MAINTAIN AS REQUIRED IN AN GOING PROGRAM TO ASSURE A SAFE ENVIRONMENT.
- <u>WATERING.</u> WATER ALL PLANTING TO ASSURE COMPLETE GERMINATION OF ALL SEEDED AREAS AND CONTINUED GROWTH OF THE PLANTS. AREAS THAT DO NOT HAVE ADEQUATE IRRIGATION COVERAGE OR WHICH MAY REQUIRE ADDITIONAL DEEP WATERING SHALL BE WATERED BY HAND AS REQUIRED.
- 5 IRRIGATION COVERAGE: ADJUST ALL IRRIGATION HEADS IN EACH AREA AND ZONE OF EXPOSURE SO THAT THE OPTIMUM AMOUNT OF WATER IS APPLIED AT THE PROPER TIMES WITHOUT OVERTHROW ONTO WALLS, WALKS, ETC.
- 6 CULTIVATING AND WEEDING: CULTIVATE AND WEED ALL PLANTED AREAS AT REGULAR INTERVALS NOT TO EXCEED 15 DAYS. EXERCISE CARE WHEN CULTIVATING TO AVOID DAMAGE TO ROOTS OF THE GROWING PLANTS.
- 7 <u>Chemical Herbicides:</u> A certified technician shall apply chemical Herbicides to control weeds at the option of the contractor and upon prior approval by the landscape architect.
- 8 PEST AND DISEASE CONTROL: A CERTIFIED TECHNICIAN SHALL SPRAY AS NECESSARY TO CONTROL ALL INFESTATIONS.
- $9 \quad \frac{\text{RODENT CONTROL.}}{\text{ENCOUNTERED ON SITE.}}$  THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO ELIMINATE ANY RODENTS
- 10 PRUNING: ALL PRUNING SHALL BE IN ACCORDANCE WITH ISA STANDARDS. DAMAGED, DEAD, OR DRYING BRANCHES SHALL BE REMOVED BACK TO THE POINT OF GROWTH.
- 11 PLANT REPLACEMENTS: DURING THE MAINTENANCE PERIOD, SHOULD ANY PLANT SHOW WEAKNESS AND PROBABILITY OF DYING, IT SHALL BE REPLACED BY THE CONTRACTOR WITHIN 5 DAYS OF NOTIFICATION TO DO SO.
- 12 <u>OPERATING INSTRUCTIONS:</u> AFTER THE SYSTEM HAS BEEN COMPLETED, THE CONTRACTOR SHALL INSTRUCT THE OWNER'S AUTHORIZED REPRESENTATIVE IN THE OPERATION AND MAINTENANCE OF THE SYSTEM AND SHALL FURNISH A COMPLETE SET OF OPERATING INSTRUCTIONS.
- 13 SITE MAINTENANCE: CONTRACTOR SHALL KEEP THE PROJECT SITE CLEAN AND FREE FROM RUBBISH AND DEBRIS. ALL DEBRIS SHALL BE REMOVED FROM SITE PER LOCAL CODE AND ORDINANCES.
- 14 GJARANITEE. THE ENTIRE IRRIGATION SYSTEM, INCLUDING ALL WORK DONE UNDER THIS CONTRACT, SHALL BE GUARANITED AGAINST ALL DEFECTS AND FAULT OF MATERIAL AND WORKMANSHIP, AND SHALL BE MAINTAINED IN PEPERCE WORKING ORDER FOR ONE YEAR FROM DATE OF COMPLETION BY THE CONTRACTOR WITHOUT EXPENSE TO THE OWNER, ALL MATERIALS USE SHALL CARRY A MANUFACTURER'S GUARANITED OF MINIMUM OF ONE YEAR ANY SETTLING OF PAGAFEIROS TRENDES WITHOUT EXPOSE TO THE OWNERS AND ASSAULTED REPORTED TO THE OWNERS SATISFACTION BY THE CONTRACTOR WITHOUT EXPENSE TO THE OWNER—INCLUDING THE COMPLETE RESTORATION OF ALL DAMAGED PLANTING, PAWNG OF OTHER MEROPECHENTS OF ANY MORNING THE COMPLETE RESTORATION

## POST-INSTALLATION LANDSCAPE AND IRRIGATION MAINTENANCE

- AS REQUIRED LANDCAPES SHALL BE MAINTAINED TO ENSURE WATER USE EFFICIENCY, 1 A REQULAR MAINTENANCE SCHEDULE SHALL BE SUBMITTED WITH THE CERTIFICATION OF COMPLETION.
- 3 REPAIR ALL IRRIGATION EQUIPMENT SHALL BE DONE WITH THE ORIGINALLY INSTALLED COMPONENTS OR THEIR EQUIVALENTS (TO BE APPROVED BY IRRIGATION CONSULTANTS).
- A PROJECT APPLICANT IS ENCOURAGED TO IMPLEMENT SUSTAINABLE OR ENVIRONMENTALLY FRIENDLY PRACTICES FOR OVERALL LANDSCAPE MAINTENANCE.

## POST-INSTALLATION IRRIGATION SCHEDULING

- A. IRRIGATION SCHEDULING SHALL BE REGULATED BY SMART IRRIGATION CONTROLLERS
- C. FOR IMPLEMENTATION OF THE IRRIGATION SCHEDULE, PARTICULAR ATTENTION MUST BE TO RERGATION FROM THE SECOND DEVICE. FLOW PART, AND STREET REFERENCE BY THE SECOND S
- D. PARAMETERS USED TO SET THE AUTOMATIC CONTROLLER SHALL BE DEVELOPED AND SUBMITTED FOR EACH OF THE FOLLOWING:
  - THE PLANT ESTABLISHMENT PERIOD.
     THE ESTABLISHED LANDSCAPE; AND
     TEMPORARILY IRRIGATED AREAS.
- E. EACH IRRIGATION SCHEDULE SHALL CONSIDER FOR EACH STATION ALL THE FOLLOWING THAT APPLIES: IRRIGATION INTERVAL (DAYS BETWEEN IRRIGATION).
  IRRIGATION RUN TIMES (HOURS AND MINUTES PER IRRIGATION EVENT TO AVOID PUNOFF.
  AMOUNT OF APPLIED WATER SCHEDULED TO BE APPLIED ON A MONTHLY BASIS.
  APPLICATION RATE SETTING.

  - 5. ROOT DEPTH SETTING. 6. PLANT TYPE SETTING. 7. SOIL TYPE.

BY ACCEPTING THIS ELECTRONIC INFORMATION, MEDIA, THE OWNER ARREST TO DEFEND AND HOLD ARRINGTHOM CONSULTAINT, ITS OFFICERS AND MEMPLOYES THROMES'S FROM ANY AND ALL CLAMS, LUBRUITES, CAUSS OF ACTION, SUITS, AND DAMAGES OF MATTHER TYPE OF NATURE BESULTION, FROM ANY CHANGES MADE OF LUCLTRONIC MEMPLOSATION, APPLIED THE OFFICER AND THE OWNER, ANY CHANGES AND THE MATTHER OWNER, ANY FEUSE OF THIS MATTHERAL ON ANY PROJECT OTHER THAN THE OWNER, ANY FEUSE OF THIS MATTHERAL ON ANY PROJECT OTHER THAN THE OWNER, BUSINESS OF THE OWNER, ANY FEUSE OF THIS MATTHERAL ON ANY PROJECT OTHER THAN THE OWNER, BUSINESS OF THE OWNER.

- 8. SLOPE FACTOR SETTING
- 9. SHADE FACTOR SETTING. 10. IRRIGATION UNIFORMITY OR EFFICIENCY SETTING.

## WATER AUDIT NOTE

THE CONTRACTOR WILL CONDUCT AN IRRIGATION AUDIT USING A CERTIFIED IRRIGATION AUDITOR, AFTER THE FINAL FIELD GRSERVATION HAS BEEN COMPLETED AND ALL IRRIGATION COMPONENTS ARE INSTALLED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AND THE IRRIGATION SYSTEM IS ACCEPTED BY THE PROJECT ARCHITECT FOR MAINTENANCE.

THE IRRIGATION AUDIT WILL BE CONDUCTED IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:

- 1. PLACE FLAGS AT EACH HEAD IN THE ZONE (WHERE NECESSARY).
- 2. MEASURE SPACING AND MARK MID-POINTS BETWEEN HEADS (WHERE NECESSARY)
- 3. PLACE WATER MEASURING RECEPTACLES.
- 4. TAKE READINGS OF WATER LEVEL IN RECEPTACLES AND RECORD RESULTS. 5. MEASURE HEAD PRESSURE IN EACH ZONE AND RECORD RESULTS.
- AFTER COMPLETING ZONE, ADVANCE TO NEXT ZONE AND REPEAT PROCEDURE.
   SUBMIT THE RESULTS OF THE AUDIT TO THE PROJECT ARCHITECT.
- THE IRRIGATION MAINTENANCE SCHEDULE TASKS LISTED BELOW ARE INTENDED AS MINIMUM STANDARDS AND MORE EFFICIENT ATTENTION MAY BE REQUIRED DEPENDING ON THE PARTICULAR SITE CONDITIONS.

1. CONTROLLER CABINET — OPEN CABINET AND CLEAN OUT DEBRIS AND REPLACE BATTERY AS NECESSARY. CHECK WIRING AND REPAIR AS NEEDED AND CHECK CLOCK AND RESET, IF NECESSARY.

2. IRRIGATION SCHEDULE - ADJUST SCHEDULE FOR SEASONAL VARIATIONS AND OTHER CONDITIONS WHICH MAY AFFECT THE AMOUNT OF WATER NEEDED TO MAINTAIN PLANT HEALTH, ADJUST AS NECESSARY.  $3.\ P.O.C. - VISUALLY INSPECT COMPONENTS FOR LEAKS, PRESSURE SETTINGS, SETTLEMENT OR OTHER DAMAGE AFFECTING THE OPERATIONS OF A COMPONENT, REPAIR AS NEEDED.$ 

4. REMOTE CONTROL VALVES, ISOLATION VALVES, MASTER CONTROL VALVES AND QUICK COUPLER VALVES VISUALLY INSPECT FOR LEAKS, SETTLEMENT, WIRE CONNECTIONS AND PRESSURE SETTINGS, REPAIR AND ADJUST AS NEEDED.

- 5. PRESSURE SUPPLY LINES AND NON-PRESSURE LINES VISUALLY INSPECT FOR LEAKS OR SETTLEMENT OF TRENCH.
- 6. SPRINKLERS/DRIPPERLINES VISUALLY CHECK FOR ANY BROKEN, MISALIGNED OR CLOGGED HEADS OR EMITTER OUTLETS, HEADS WITH INCORRECT NOZZLE/ARC, INADEQUATE COVERAGE OR OVER SPRAY AND LOW HEAD DRAINAGE, REPAIR AS NEEDED.
- 7. FILTERS AND STRAINERS VISUALLY CHECK FOR LEAKS, BROKEN FITTINGS. CLEAN AND FLUSH SCREENS.

AUDIT SHALL BE IN ACCORDANCE WITH THE LATEST STATE OF CAUFORNIA LANDSCAPE WATER MANAGEMENT PROGRAMS DESCRIBED IN THE LATEST LANDSCAPE IRRIGATION AUDITOR HANDBOOK. THE LANDSCAPE IRRIGATION AUDITOR HANDBOOK. THE LANDSCAPE IRRIGATION AUDITS TO BE CONDUCTED BY A QUALIFED INDIVIDUAL AND THE AUDIT SCHEDULE SHALL BE CONDUCTED AT LEAST ONCE EVERY FIVE YEARS AN ACCORDANCE WITH THE CITY OF MAMMOTH REQUIREMENTS CODES



ENLARGED IRRIGATION NOTES

IRRIGATION NOTES L5.18

SHEET TITLE:

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NOT FOR CONSTRUCTION

ынальный вноясаре and architectural collaborative) 3617 exposition boulevard los angeles ca 90016 310 450 8100 fax 323 737 3290

place

**CONSULTANTS** 

REN. 02.210.2/3

KEY PLAN

NAME OF ISSUE

**MAMMOTH** VILLAS 3 AT OBSIDIAN

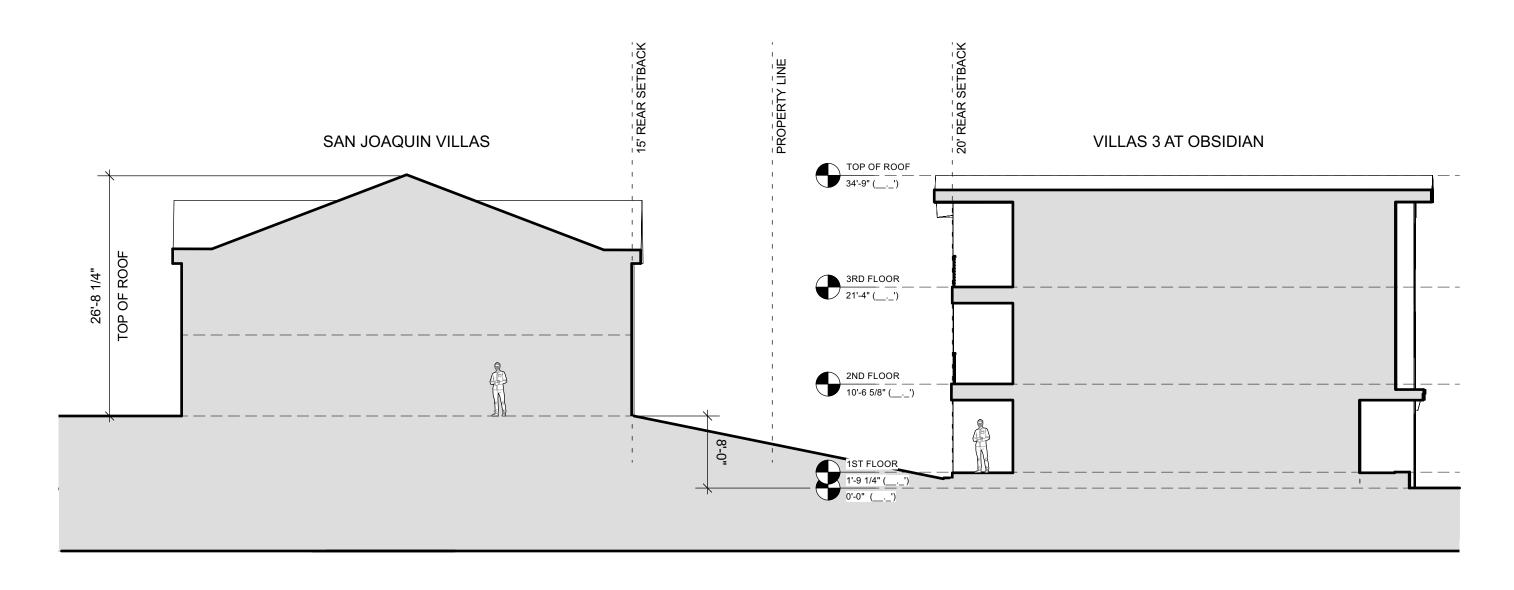
MAMMOTH LAKES, CA 93546 Project #: 2122

Description:	Date:	Г	
ENTITLEMENT	07/09/21	$\vdash$	
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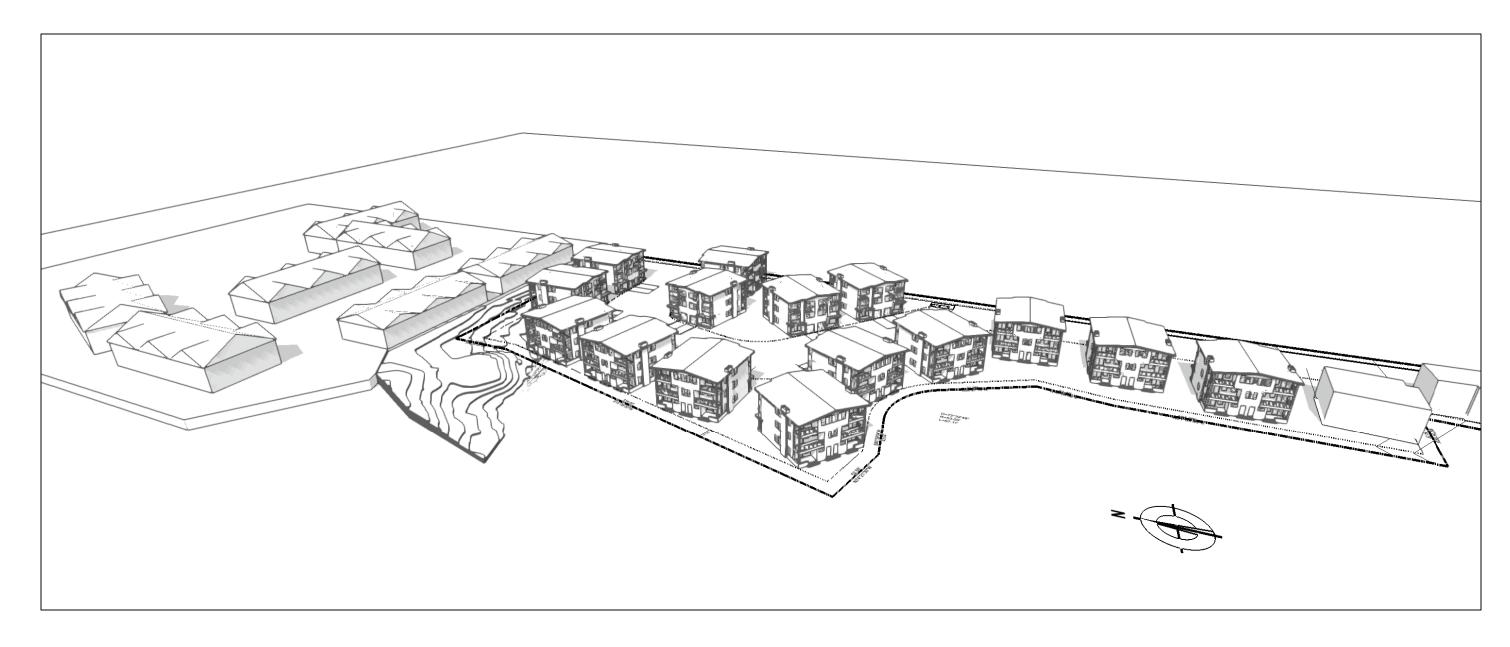


## CROSS SECTION STUDY OF VILLAS 3 AT OBSIDIAN, LOTS 22-25, @ SAN JOAQUIN VILLAS





## **AERIAL FROM WEST OF VILLAS 3 AT OBSIDIAN**





## **AERIAL FROM EAST OF VILLAS 3 AT OBSIDIAN**

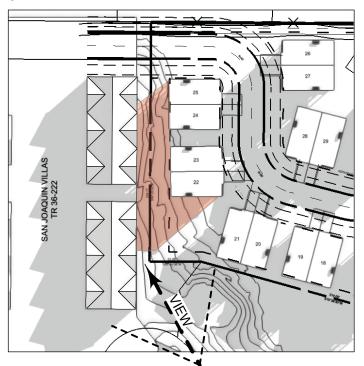




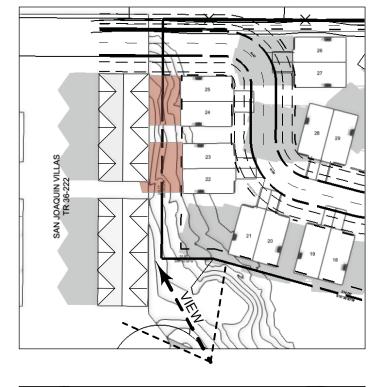
## SHADOW STUDY OF VILLAS 3 AT OBSIDIAN, LOTS 22-25, @ SAN JOAQUIN VILLAS

WINTER SOLSTICE, DECEMBER 21ST

9AM

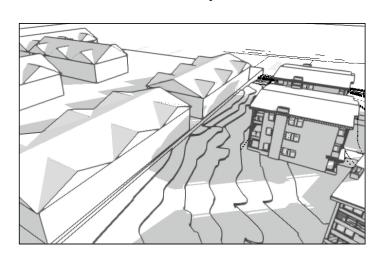


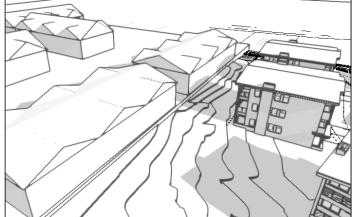
12PM

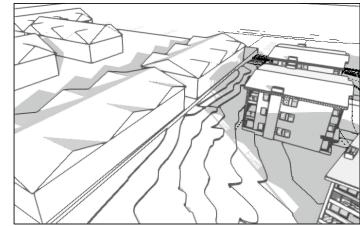


3PM











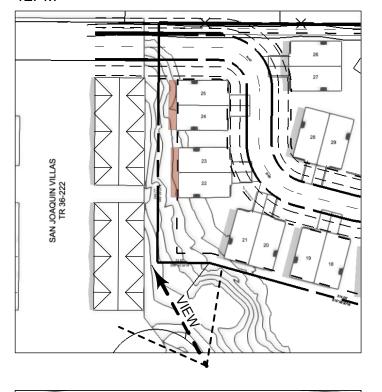
## SHADOW STUDY OF VILLAS 3 AT OBSIDIAN, LOTS 22-25, @ SAN JOAQUIN VILLAS

SUMMER SOLSTICE, JUNE 21ST

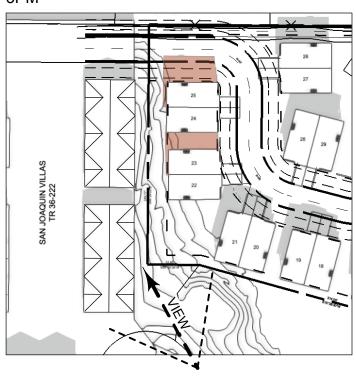
9AM

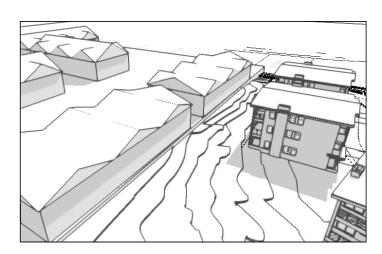


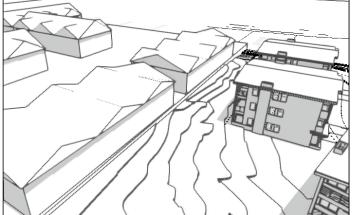
12PM

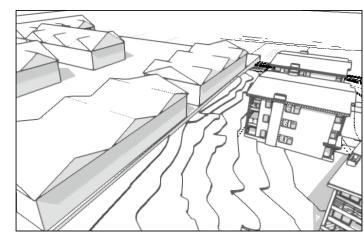


3PM











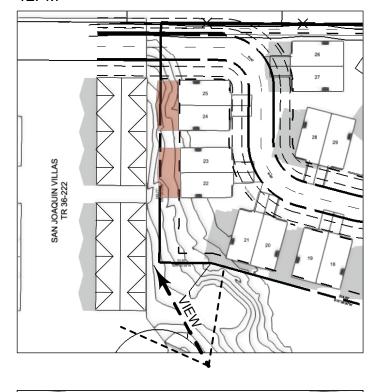
## SHADOW STUDY OF VILLAS 3 AT OBSIDIAN, LOTS 22-25, @ SAN JOAQUIN VILLAS

EQUINOX, MARCH 20TH / SEPTEMBER 22ND

9AM



12PM



3PM

