SYMBOL	SYMBOLS				
(A)	GRID LINE - F.O.S. UNLESS OTHERWISE NOTED				
**	DIMENSION TO FACE OF FRAMING				
-\$\$- 	DIMENSION TO CENTERLINE				
 ∙−−−►	DIMENSION TO FACE OF FINISH				
(2) (A8.12)	DETAIL REFERENCE SHEET LOCATION				
1 A7.1	INTERIOR ELEVATION KEY AND SHEET LOCATION				
$\langle 10 \rangle$	DOOR NUMBER, SEE DOOR SCHEDULE				
(101)	WINDOW NUMBER, SEE WINDOW SCHEDULE				
-•	ELEVATION DATUM POINT				
1 A4.1	- CROSS SECTION SHEET LOCATION				
1 A3.1	EXTERIOR ELEVATION				
<u>[00.00']</u>	SPOT ELEVATION				
1	DRAWING KEYNOTE				
	- MATCH LINE				

ABBREVIATIONS

DRAWING REVISION

A.F.F.	ABOVE FINISHED FLOOR
AB	ABOVE FINISHED FLOOR ANCHOR BOLT ABOVE
ABV. AC	AIR CONDITIONING
ADJ.	ADJUSTABLE
ASPH.	ALUMINUM ASPHALT BOTTOM OF
B.O.	BOTTOM OF BUILT-UP ROOFING
BD	BOARD
BLDG.	BUILDING
BLW.	BLOCKING BELOW BEAM
BM. BRZ	BEAM BRONZE
BTW.	BETWEEN
C.I. C.I.P.	CAST IRON CAST IN PIPE
C.O.	CLEAN OUT
CAB. CL	CLEAN OUT CABINET CENTER LINE
CLG.	CEILING
	CLOSET CLEAR
CMU	CONCRETE MASONRY UNIT
	CONCRETE
CONT.	CONTINUOUS
	COUNTERSINK CASEMENT
CTR.	CENTER
DF	COLD WATER DOUGLAS FIR
DH	DOUBLE HUNG
DIA. DIM.	DIAMETER DIMENSION
DISP.	DIMENSION GARBAGE DISPOSAL DOWN
DR.	DOOR
DTL DW	DETAIL DISHWASHER
DWG.	DRAWING
DWR. (E)	DRAWER EXISTING
ËÅ.	EACH
EL. ELEV.	ELEVATION ELEVATOR (OR ELEVATION)
EQ	EQUAL
EXP. EXT.	EXPOSED EXTERIOR
F.G.	FINISHED GRADE/FIXED GLASS
F.O.C. F.O.F.	FACE OF CONCRETE FACE OF FINISH
F.O.S.	FACE OF STUD
FD FDN.	FLOOR DRAIN FOUNDATION
FIN. FLR.	
FRPR.	FIREPROOFING
FTG. G.I.	FOOTING GALVANIZED IRON
G.W.B.	GYPSUM WALLBOARD
GA. GL.	GAUGE GLASS
H.C.	HOLLOW CORE
H.W. HB	HOT WATER HOSEBIB
HDR.	HEADER
HOR. HT	HORIZONTAL HEIGHT
HTR.	HEATER
I.D. I.D.	INSIDE DIAMETER
INS.	INSULATION
INT.	INTERIOR

)	
J.H.	JOIST HANGER
JB	JUNCTION BOX
JST.	JOIST
JT	JOINT
K.D.	KILD DRIED LEFT HAND
	LAVATORY
LT.	LIGHT
MAX.	MAXIMUM
MED.	MEDIUM
MFR.	MANUFACTURER
MIN. MIR.	MINIMUM MIRROR
	MOUNTED
MTL.	METAL
(N)	NEW
	NOT TO SCALE
	NOT IN CONTRACT OVER
	ON CENTER
OPG.	OPENING
	PRESSURE TREATED
	PLATE
	PLASTIC LAMINATE
PLYVD PNL.	. PLYWOOD
PR.	
PTD.	PAINTED
R	RISER
	RIGHT HAND
R.O.	ROUGH OPENING RAIN WATER LEADER
RAD. / F	
	REINFORCED
	REQUIRED
	RESILIENT
	ROOM
	REDWOOD SEE ARCHITECTURAL DRAWINGS
	SOLID CORE
S.C.D.	SEE CIVIL DRAWINGS
S.L.D.	SEE LANDSCAPE DRAWINGS
SP	SOLID PIPE
S.S.	STAINLESS STEEL SEE STRUCTURAL DRAWINGS
	STEEL TROWEL
	SHELF
SHR.	SHOWER
SIM	SIMILAR
SPK.	SPEAKER STEEL
STL. STN.	
T&G	TONGUE & GROOVE
Т.	TREAD TOP OF
Т.О.	TOP OF
T.O.C.	TOP OF CONCRETE TOP OF PLATE
	TOP OF PLATE TOP OF STEEL / SLAB
	TOP OF WALL
T.P.H.	TOILET PAPER HOLDER
IS	
THK.	THICKNESS
	UNLESS OTHERWISE NOTED
	VERIFY IN FIELD
	VENT THROUGH ROOF
VP	VENT PIPE
W.O.	WHERE OCCURS
vv.P. w/s	WATERPROOFING WEATHER STRIPPING
	WEATHER STRIPPING
WD.	WATER CLOSET WOOD
	WINDOW WATER HEATER

WH WATER HEATER



NOTES

- PRIOR TO ANY SITE DISTURBANCE, A LICENSED SURVEYOR OR CIVIL ENGINEER SHALL STAKE THE BUILDING CORNERS, ESTABLISH AVERAGE NATURAL GRADE, AND SET A REFERENCE POINT (IF HEIGHT REFERENCE IS OTHER THAN NATURAL GRADE, LICENSED SURVEYOR OR CIVIL ENGINEER SHALL DETERMINE THE SPECIFIED REFERENCE POINT).
- CONSTRUCTION SHALL BE ENCLOSED BY 6' OPAQUE FENCE AT ALL TIMES DURING CONSTRUCTION.
- 3. NO CONSTRUCTION MATERIAL, EQUIPMENT, PORTABLE TOILETS, TRASH CONTAINERS, OR DEBRIS SHALL BE PLACED IN THE PUBLIC RIGHT-OF-WAY.
- A TRASH CONTAINER SHALL BE MAINTAINED ON SITE AT ALL TIMES AND DEBRIS ON SITE WHICH COULD OTHERWISE BLOW AWAY, SHALL BE 4. REGULARLY COLLECTED AND PLACED IN CONTAINER.
- ALL CONSTRUCTION DEBRIS (WOOD SCRAPS AND OTHER DEBRIS, WHICH 5. CANNOT BLOW AWAY) SHALL BE PILED WITHIN THE PROPERTY LINES OF THE PROJECT IN A NEAT AND SAFE MANNER.
- PROJECT SHALL HAVE A SIGNAGE VIEWABLE FROM THE PUBLIC STREET THAT 6. INDICATES THE HOURS OF CONSTRUCTION AS: MON-FRI FROM 7:30AM TO 6:00PM, SATURDAYS FROM 9:00AM TO 5:00PM.
- PRIOR TO REQUESTING A FOUNDATION INSPECTION BY THE CITY, THE GEOTECHNICAL ENGINEER OR CIVIL ENGINEER WHO PREPARED THE SOIL 7. INVESTIGATION SHALL PROVIDE A FIELD REPORT (IN WRITING) WHICH SHALL STATE THE FOLLOWING:
 - THE BUILDING PAD WAS PREPARED AND COMPACTED IN ACCORDANCE WITH THE SOIL REPORT AND SPECIFICATIONS THE FOUNDATION AND/OR PIER EXCAVATION, DEPTH AND BACKFILL MATERIALS, AND DRAINAGE (IF APPLICABLE) SUBSTANTIALLY
- CONFORM TO THE SOIL REPORT AND APPROVED PLANS. PRIOR TO FINAL INSPECTION FOR ANY BUILDING OR STRUCTURE. THE GEOTECHNICAL ENGINEER OR CIVIL ENGINEER WHO PREPARED THE SOIL
- INVESTIGATION SHALL ISSUE A FINAL REPORT STATING THE COMPLETED PAD, FOUNDATION, FINISH GRADING, AND ASSOCIATED SITE WORK SUBSTANTIALLY CONFORM TO THE APPROVED PLANS, SPECIFICATIONS, AND INVESTIGATION.
- POOL EXCAVATION, E.V. CHARGER AND CONSTRUCTION NOT APPROVED AS 9. PART OF THIS PROJECT. A SEPARATE BUILDING PERMIT WILL BE OBTAINED PRIOR TO ANY POOL EXCAVATION/CONSTRUCTION.

ENERGY

8.

- THIS BUILDING MEETS THE ENERGY BUILDING DESIGN REQUIREMENTS OF 1 TITLE 24 PART 6. SEE SHEET T-1 FOR CERTIFICATE OF COMPLIANCE. 2.
 - FOR PROJECTS IN CALIFORNIA: INSULATION SHALL MEET THE CALIFORNIA ENERGY COMMISSION (C.E.C.) QUALITY STANDARDS AND BE CERTIFIED BY THE MANUFACTURER.
 - ALL FREEZERS, REFRIGERATORS, AND FLUORESCENT LAMP BALLASTS SHALL BE CERTIFIED BY THE C.E.C.
 - ALL HVAC EQUIPMENT, WATER HEATERS, FAUCETS, AND SHOWER HEADS SHALL BE CERTIFIED BY THE C.E.C.

THE HOT WATER PLUMBING SYSTEM MUST BE A RECIRCULATING HOT WATER SYSTEM" DUE TO THE LOCATION OF THE PROJECT [TITLE 24 ENERGY] 3.

- ENTIRE STRUCTURE SPRINKLERS
- WHERE REQUIRED BY LOCAL JURISDICTIONS, BUILDINGS TO BE FULLY 1. SPRINKLERED IN ACCORDANCE w/ 2019 CRC SEC. R-313/R-309.6 AND 2016 NFPA . DRAWINGS TO BE SUBMITTED FOR PERMIT BY DESIGN/BUILD SUBCONTRACTOR
- THE SPRINKLER CONTRACTOR SHALL PROVIDE (3) COPIES OF THE WORKING DRAWINGS AND CALCULATIONS TO THE FIRE DISTRICT.
- THE FIRE DISTRICT MUST ISSUE A PERMIT PRIOR TO THE INSTALLATION OF THE FIRE SPRINKLER SYSTEM.
- THE SPRINKLER CONTRACTOR MUST HAVE A CITY BUSINESS LICENSE AND 4. WORKER'S COMPENSATION CERTIFICATE.
- FIRE SPRINKLERS ARE TO BE REVIEWED AND APPROVED UNDER A SEPARATE PERMIT.

ARCHITECT SHALL HAVE ACCESS TO THE SITE AT ALL TIMES

ARE THE ORIGINAL UNPUBLISHED WORK T AND MAY NOT BE DUPLICATED OR USED ITTEN PERMISSION OF THE ARCHITECT. N G S T E C V R I

PROJECT DATA

LOCATION:

APN:
ZONING:
LOT SIZE:
BLDG USE:
OCCUPANCY GROUP:
GENERAL PLAN:
CONSTRUCTION TYPE
FLOOD ZONE:
LOMA:
PARKING DISTRICT:
AIRPORT INFLUENCE AREA:
HISTORIC STATUS:
ALLOWABLE FRONT SETBACK:
ALLOWABLE REAR SETBACK:
ALLOWABLE INTERIOR SIDE SETBACK
CONTEXTUAL GARAGE PLACEMENT:

BLDG. CODES:

PROJECT SCOPE: 105 S.F. ADDITION TO EXISTING ONE-STORY SINGLE FAMILY HOUSE. REMODEL EXISTING KITCHEN, TWO (2) BATHROOMS AND INTERIOR COURTYARD. REPLACE EXISTING FRONT ENTRY WALL WITH NEW TEMPERED CLEAR GLASS WALLS AND DOOR. REMOVE EXISTING CONCRETE PAVING IN FRONT YARD AND INSTALL NEW CONCRETE PADS. REPLACE (E) DRIVEWAY IN KIND. REMOVE AND REPAVE CONCRETE PAVING IN REAR YARD. EXISTING MAIN FLOOR AREA: 2,322 SQ.FT PROPOSED MAIN FLOOR AREA: 2,427 SQ.FT TOTAL PROPOSED FAR: 2,427 SQ.FT

ALLOWABLE FAR: EXISTING MAIN FLOOR AREA: 5,835 SQ.FT PROPOSED LOT COVERAGE:

DEFERRED PERMITS:

ENERGY CONSULTANT:

5,421 SQ.FT FUTURE POOL, FIRE SPRINKLER, P.V. PANEL AND EVSE SHALL BE APPROVED UNDER SEPARATE PERMITS

2,450 SQ.FT (30% OF LOT AREA)

83 MT. RAINIER DR.

SAN RAFAEL, CA

164-387-03 R1-B-LV

SINGLE FAMILY

COVERED PARKING

CMC, CPC, CFC,

2019 CBC, CGBC, CRC,

CEC AND C ENERGY CODE

RESIDENTIAL LOW DENSITY

94903

8,168 S.F.

TYPE V-B

R-3/U

NO

NO

NO

NO

NONE

25'-0"

25'-0"

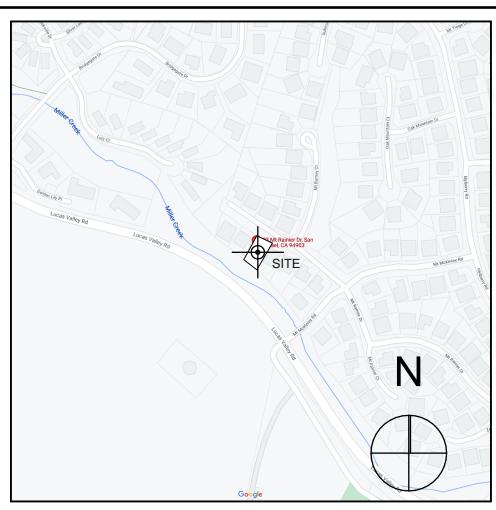
6'-0"

DIRECTORY

OWNER:	RYAN & TINA FACKETT 705 MONTECILLO RD SAN RAFAEL, CA TEL: (415) 518-9332 E: ryan.fackett@gmail.com
ARCHITECT:	MODERN HOUSE ARCHITECTS 1177 CALIFORNIA ST. #1401 SAN FRANCISCO, CA 94108 TEL: (415) 596-7281 E: MODERNHOUSE@MAC.COM
GENERAL CONTRACTOR:	SMOLLEN THE BUILDER 204 RICHARDSON DRIVE MILL VALLEY, CA 94941 TEL 415.271.0568 E: CRAIGSMOLLEN@MAC.COM
STRUCTURAL ENGINEER:	SFA DESIGN GROUP 1813 RUTAN DRIVE UNIT C LIVERMORE, CA 94551 TEL: 503.641.8311 E: ENGINEERING@SFADG.COM
SURVEYOR/ CIVIL ENGINEER:	BKF ENGINEERS 4040 CIVIC CENTER DRIVE, SUITE 530 SAN RAFAEL, CA 94903 TEL: 707.583.8524 E: NRASHED@BKF.COM

MONTEREY ENERGY GROUP 26465 CARMEL RANCHO BLVD #8 CARMEL, CA 93923 TEL: (831) 372-8328 E: INFO@MEG4.COM

VICINITY MAP



DRAWING INDEX

SU-1	SURVEY
C1.0	TITLE SHEET
C2.0	EXISTING CONDITIONS
C3.0	GRADING AND DRAINAGE PLAN
C4.0	UTILITY PLAN
ARCHITEC	TURAL
A0.0	COVER SHEET
A0.4	COLOR & MATERIALS BOARD
A1.0	SITE PLAN
A2.0	MAIN FLOOR PLAN (EXISTING)
A2.1	MAIN FLOOR PLAN (PROPOSED)
A2.2	ROOF PLAN (EXISTING)
A2.3	ROOF PLAN (PROPOSED)
A3.1	FRONT ELEVATION (NORTH)
A3.2	SIDE ELEVATION (WEST)
A3.3	REAR ELEVATION (SOUTH)
A3.4	SIDE ELEVATION (EAST)
A3.5	COURT YARD ELEVATIONS
A4.1	BUILDING SECTIONS



PRELIMINARY SITE IMPROVEMENT DRAWINGS FOR 83 MOUNT RAINIER DRIVE FACKETT RESIDENCE SAN RAFAEL, CALIFORNIA

GENERAL NOTES:

THE DESIGN PROFESSIONAL WHO PREPARED THIS DRAWING IS NOT RESPONSIBLE FOR THE MISUSE OF, OR UNAUTHORIZED CHANGES MADE TO THIS DRAWING. WRITTEN PERMISSION SHALL BE OBTAINED FROM THE DESIGN PROFESSIONAL WHO PREPARED THIS DRAWING AND THE COUNTY OF MARIN PRIOR TO INSTALLING IMPROVEMENTS IN A MANNER WHICH DEVIATE FROM THIS DRAWING.

THE CONTRACTOR SHALL

ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION FOR THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT APPLIES CONTINUOUSLY AND IS NOT LIMITED TO NORMAL WORKING HOURS,

HOLD HARMLESS, INDEMNIFY, AND DEFEND THE OWNER, THE DESIGN PROFESSIONAL, THEIR CONSULTANTS AND THE COUNTY OF MARIN FROM LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE WILLFUL MISCONDUCT OR SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.

OBTAIN RELEVANT PERMITS AND APPROVALS REQUIRED BY GOVERNING AGENCIES PRIOR TO COMMENCING WORK.

AN ENCROACHMENT PERMIT IS REQUIRED FOR ANY WORK WITHIN THE PUBLIC UTILITY EASEMENT AND THE PUBLIC RIGHT OF WAY.

SUBMIT A TRAFFIC CONTROL PLAN TO THE DEPARTMENT OF PUBLIC WORKS AND OBTAIN APPROVAL PRIOR TO COMMENCING WORK IN THE PUBLIC RIGHT-OF-WAY.

PROVIDE A PROPERLY SIGNED ALTERNATE ACCESSIBLE ROUTE OF TRAVEL IF CONSTRUCTION ACTIVITIES IMPACT PEDESTRIAN ACCESS. THIS REQUIREMENT APPLIES CONTINUOUSLY, AND IS NOT LIMITED TO NORMAL WORKING HOURS.

PROPERLY MUFFLE EQUIPMENT AND LIMIT CONSTRUCTION HOURS TO 7:00 AM TO 6:00 PM MONDAY THROUGH FRIDAY. AND 9:00 AM TO 6:00 PM ON SATURDAY. EXCLUDING HOLIDAYS. THIS RESTRICTION INCLUDES THE STARTUP OF MOTOR VEHICLES AND OTHER HEAVY EQUIPMENT.

REPAIR DAMAGE TO FACILITIES OCCURRING AS A RESULT OF CONSTRUCTION ACTIVITIES TO RETURN THEM TO THEIR CONDITION PRIOR TO CONSTRUCTION. IF THE CONTRACTOR DOES NOT ACT PRUDENTLY, THE COUNTY OF MARIN MAY, AT ITS DISCRETION PERFORM THE CORRECTION AND CHARGE THE CONTRACTOR FOR COSTS INCURRED.

PROVIDE RECORD DRAWINGS TO THE OWNER'S REPRESENTATIVE WHICH INCLUDE IMPROVEMENTS WHICH DEVIATE FROM AND IMPROVEMENTS NOT SHOWN ON THE ORIGINAL DESIGN DRAWINGS.

UTILITY NOTES:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UNDERGROUND SERVICE ALERT (U.S.A.). CALL TOLL-FREE (800) 642-2444 AT LEAST TWO WORKING DAYS PRIOR TO EXCAVATION.

EXPOSE EXISTING UTILITIES PRIOR TO TRENCHING TO VERIFY THE ALIGNMENTS AND ELEVATIONS OF THE UTILITIES, AND TO VERIFY DESIGN ASSUMPTIONS. EXISTING UTILITIES MAY REQUIRE RELOCATION AND/OR PROPOSED IMPROVEMENTS MAY REQUIRE GRADE OR ALIGNMENT REVISION DUE TO FIELD CONDITIONS. IF THE EXPOSED UTILITY IS DETERMINED TO BE IN A LOCATION WHICH IS NOT REFLECTED BY THIS DRAWING, NOTIFY THE ENGINEER IN WRITING SO THAT APPROPRIATE ADJUSTMENTS CAN BE MADE.

REPORT UTILITY CONFLICTS TO THE OWNER'S REPRESENTATIVE IN WRITING AS THEY ARE ENCOUNTERED SO THAT THE OWNER AND OWNER'S REPRESENTATIVE CAN MAKE A DECISION AS TO HOW THE CONTRACTOR SHOULD PROCEED WITH THE WORK.

UNLESS OTHERWISE NOTED, PROVIDE SCH40 POLYVINYL CHLORIDE PIPE (PVC) WHERE ANNOTATED AS STORM DRAIN (SD) ON THIS DRAWING.

DISCHARGE DOWNSPOUTS AND DRAINAGE MEASURES WHICH CONCENTRATE STORMWATER AWAY FROM STRUCTURES INTO SOLID PIPE, OR AT LEAST 2.5-FEET AWAY ONTO SPLASH BLOCKS OR OTHER IMPERMEABLE SURFACES WHICH DRAIN AWAY FROM STRUCTURES.

THE CONTRACTOR IS CAUTIONED NOT TO ORDER PRECAST ITEMS OR INSTALL IMPROVEMENTS UNTIL CONFLICTS ARE RESOLVED. IMPROVEMENTS INSTALLED OR ORDERED PRIOR TO CONFLICT RESOLUTION SHALL BE DONE SOLELY AT THE CONTRACTOR'S RISK AND AT NO EXPENSE TO THE OWNER, THE DESIGN PROFESSIONAL, OR THE COUNTY OF MARIN.

UTILITY CONFLICTS MAY OCCUR IN THOSE INSTANCES WHERE TWO GRAVITY UTILITIES CROSS AND LACK THE REQUIRED SEPARATION. OR IN THOSE INSTANCES WHERE AN EXISTING UTILITY HAS NOT BEEN IDENTIFIED IN THE CONSTRUCTION DOCUMENTS.

CROSSING UTILITIES WHICH HAVE BEEN IDENTIFIED IN THE CONSTRUCTION DOCUMENTS MAY NOT BE CONSTRUED AS UTILITY CONFLICTS. THE CONTRACTOR SHALL INSTALL GRAVITY UTILITIES TO THE LINES AND ELEVATIONS IDENTIFIED IN THE CONSTRUCTION DOCUMENTS AND INSTALL OTHER UTILITIES ABOVE OR BELOW GRAVITY UTILITIES WHILE COMPLYING WITH THE MINIMUM COVER REQUIREMENTS FOR EACH UTILITY INSTALLED.

UTILITY LENGTHS SHOWN REFLECT ROUNDED LENGTHS MEASURED HORIZONTALLY BETWEEN THE CENTERS OF STRUCTURES. THE CONTRACTOR SHALL VERIFY SLOPED UTILITY LENGTHS IN THE FIELD PRIOR TO ORDERING MATERIAL.

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GRADING NOTES:

PERFORM GRADING IN CONFORMANCE WITH CHAPTER 18 AND APPENDIX J OF THE 2019 EDITION OF THE CALIFORNIA BUILDING CODE.

FINAL CUT AND FILL SLOPES SHALL BE CONSTRUCTED AT 2:1 HORIZONTAL TO VERTICAL RATIO OR FLATTER UNLESS OTHERWISE NOTED.

THE CALIFORNIA BUILDING CODE REQUIRES THAT MATERIALS USED FOR THE CONSTRUCTION OF PERMANENT STRUCTURES WITHIN A CERTAIN PROXIMITY TO EARTH BE TREATED. OR OF NATURAL RESISTANCE TO DECAY. PRIOR TO COMMENCING HOUSE CONSTRUCTION CONFIRM THAT THE MATERIALS PROPOSED ON THE ARCHITECTURAL DRAWINGS WILL NOT VIOLATE THIS REQUIREMENT WHEN INSTALLED USING THE ELEVATIONS SHOWN ON THIS DRAWING.

SLOPE SOIL AWAY FROM STRUCTURES IN ACCORDANCE WITH SECTION 1804.4 OF THE 2016 CALIFORNIA BUILDING CODE.

PERFORM GRADING TO WITHIN 0.10-FEET OF THE LINES AND ELEVATIONS SHOWN ON THE CONSTRUCTION DRAWINGS.

PROVIDE A MOISTURE BARRIER IN AREAS WHERE CURB AND GUTTER ARE ADJACENT TO LANDSCAPING AND WHERE THE SOIL EXPANSION INDEX IS GREATER THAN 51.

REMOVE MATERIAL WHICH WILL NOT BE USED ON SITE AS IT IS EXCAVATED AND DISPOSE OF IN ACCORDANCE WITH THE GOVERNING AGENCY'S REQUIREMENTS.

MAINTAIN A CLEAN CONSTRUCTION SITE TO PREVENT THE INTRODUCTION OF FOREIGN MATERIALS INTO THE STORM WATER CONVEYANCE SYSTEM. ACTIVITY DURING CONSTRUCTION WHICH RESULTS IN THE DISCHARGE OF POLLUTANTS TO THE STORM WATER CONVEYANCE SYSTEM IS IN VIOLATION OF THE COUNTY OF MARIN CODE OF ORDINANCES AND THE SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD'S REGULATIONS.

PROVIDE DUST CONTROL THROUGHOUT THE DURATION OF THE CONSTRUCTION PROJECT TO MINIMIZE AIRBORNE POLLUTANTS.

STOP WORK IF CONTAMINATED MATERIAL IS ENCOUNTERED. PREPARE A WORK PLAN AND ACQUIRE APPROVAL IN WRITING FROM THE MARIN COUNTY FIRE DEPARTMENT AND THE SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD PRIOR TO RESUMING WORK.

IF, DURING THE COURSE OF CONSTRUCTION, CULTURAL, ARCHAEOLOGICAL OR PALEONTOLOGICAL RESOURCES ARE UNCOVERED AT THE SITE (SURFACE OR SUBSURFACE RESOURCES) WORK SHALL BE HALTED IMMEDIATELY WITHIN 50 METERS (150 FEET) OF THE FIND UNTIL IT CAN BE EVALUATED BY A QUALIFIED PROFESSIONAL ARCHAEOLOGIST. THE COUNTY OF MARIN PLANNING DIVISION AND A QUALIFIED ARCHAEOLOGIST (I.E., AN ARCHAEOLOGIST REGISTERED WITH THE SOCIETY OF PROFESSIONAL ARCHAEOLOGISTS) SHALL BE IMMEDIATELY CONTACTED BY THE RESPONSIBLE INDIVIDUAL PRESENT ON SITE. WHEN CONTACTED, THE PROJECT PLANNER AND THE ARCHAEOLOGIST SHALL IMMEDIATELY VISIT THE SITE TO DETERMINE THE EXTENT OF THE RESOURCES AND TO DEVELOP PROPER MITIGATION MEASURES REQUIRED FOR THE DISCOVERY.

THE CALIFORNIA BUILDING CODE REQUIRES THAT MATERIALS USED FOR THE CONSTRUCTION OF PERMANENT STRUCTURES LOCATED NEARER THAN 6-INCHES TO EARTH BE TREATED, OR OF NATURAL RESISTANCE TO DECAY. ELEVATIONS HAVE BEEN ESTABLISHED WITH THIS SET OF CIVIL DRAWINGS, WHICH MAY REQUIRE THE IMPLEMENTATION OF A RAISED CURB ALONG THE PERIMETER OF THE BUILDING WHERE ADJACENT TO LANDSCAPE AREAS. THE CONTRACTOR SHALL COORDINATE THE LOCATION(S) OF RAISED CURBS PRIOR TO POURING THE CONCRETE SLAB.

THE CONTRACTOR SHALL NOT IMPEDE DRAINAGE FROM EXISTING UPSTREAM PROPERTIES. THE CONTRACTOR SHALL PLACE STOCKPILES AWAY FROM CREEK SETBACKS, AWAY FROM VEGETATION DESIGNATED TO REMAIN, A MINIMUM OF 10-FEET FROM ADJACENT EXISTING RESIDENTIAL PARCELS, AND A MINIMUM OF 50-FEET FROM ADJACENT EXISTING RESIDENTIAL PARCELS WHERE THE STOCK PILE DEPTH EXCEEDS 2.5-FEET

A PROTECTION ZONE SHALL BE ESTABLISHED TO PROTECT NATURAL VEGETATION AND TREES (WHICH WILL REMAIN FOLLOWING CONSTRUCTION) FROM CONSTRUCTION ACTIVITIES. THE FOLLOWING CONDITIONS AND RESTRICTIONS SHALL APPLY:

- SHALL BE EITHER THE ROOT ZONE OR OTHER LIMIT AS ESTABLISHED IN THIS APPROVAL
- II. THE ZONE SHALL BE DELINEATED WITH A BRIGHTLY COLORED CONSTRUCTION FENCE. SUCH FENCES SHALL REMAIN CONTINUOUSLY IN
- III. NO STORAGE OR CONSTRUCTION ACTIVITIES (INCLUDING TRENCHING, GRADING OR FILLING) SHALL BE PERMITTED WITHIN THE PROTECTED ZONE.
- IV. NO BURNING OR USE OF EQUIPMENT WITH AN OPEN FLAME SHALL OCCUR
- NEAR OR WITHIN THE PROTECTED PERIMETER. V. BRUSH, EARTH AND OTHER DEBRIS SHALL BE REMOVED IN A MANNER
- WHICH PREVENTS INJURY TO THE PROTECTED TREES AND/OR SHRUBS. VI. NO OIL, GAS, CHEMICALS OR OTHER SUBSTANCES THAT MAY BE HARMFUL TO TREES SHALL BE STORED OR DUMPED WITHIN THE PROTECTED PERIMETER OR ANY OTHER LOCATION FROM WHICH

THE PROTECTION ZONE DELINEATED WITH THE BRIGHTLY COLORED CONSTRUCTION FENCE SHALL BE POSTED WITH SIGNS WHICH STATE "TREE/VEGETATION PROTECTION ZONE--NO CONSTRUCTION OR STORAGE PERMITTED." ANY SPECIAL WORK, INCLUDING MITIGATION, WITHIN THE "PROTECTION ZONE" MUST BE DONE UNDER THE SUPERVISION OF A COUNTY APPROVED CERTIFIED ARBORIST.

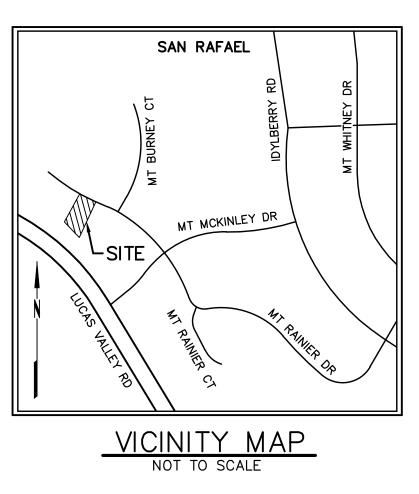
212327_SITE.dwa

I. THE ZONE SHALL ENCOMPASS THE "PROTECTED PERIMETER" WHICH

PLACE FOR THE DURATION OF ALL WORK UNDERTAKEN ON THE SITE.

SUBSTANCES MIGHT ENTER THE PERIMETER OF A PROTECTED TREE.

A.P.N. 164-387-03 **MARCH 2022**



INDEX OF DRAWINGS

- PROJECT INFORMATION C1.
- DEMOLITION PLAN C2.
- GRADING AND DRAINAGE PLAN
- EROSION & SEDIMENT CONTROL PLAN

TOPOGRAPHIC NOTES:

RECORDER ONCE CONSTRUCTION IS COMPLETE.

VERIFIED BY A CERTIFIED ARBORIST.

COUNTY RECORDS.

FIELD SURVEY DATE: DECEMBER 11, 2021

SYMBOLS & LEGEND EXISTING PROPOSED Ο (•) $\{0\}$ _____ _____X____X_____ ____X____X____ SIZE" SD-LENGTH' (?)

THE ENGINEER SHALL CERTIFY TO THE COUNTY IN WRITING UPON THE COMPLETION OF WORK THAT ALL GRADING AND DRAINAGE IMPROVEMENTS WERE INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND FIELD DIRECTION. BE AWARE THAT A DEPARTMENT OF PUBLIC WORKS ENGINEER WILL NEED TO INSPECT AND ACCEPT WORK AFTER RECEIPT OF THE CERTIFICATION LETTER. CERTIFICATION LETTERS SHALL REFERENCE BUILDING PERMIT NUMBER OR NUMBERS FOR SPECIFIC WORK BEING CERTIFIED, THE ADDRESS OF THE PROPERTY AND THE ASSESSOR'S PARCEL NUMBER (APN), AND SHALL BE SIGNED AND STAMPED BY THE CERTIFYING PROFESSIONAL.

EROSION CONTROL NOTES:

PROVIDE DUST CONTROL THROUGHOUT THE DURATION OF THE CONSTRUCTION PROJECT TO MINIMIZE AIRBORNE POLLUTANTS.

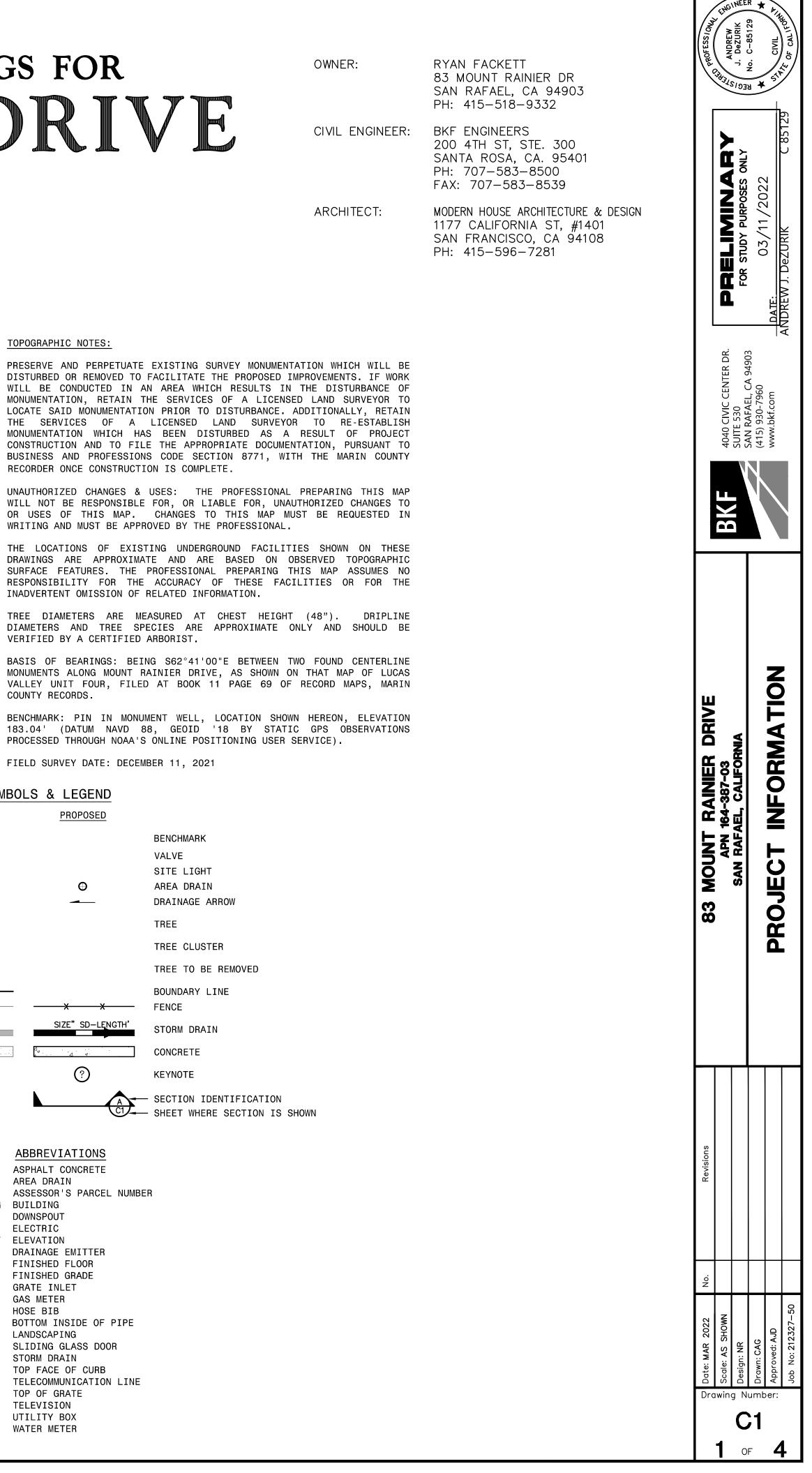
CONSTRUCT CONCRETE WASHOUT AREA IN CONFORMANCE WITH THE STATE WATER RESOURCES CONTROL BOARD'S BEST MANAGEMENT PRACTICES.

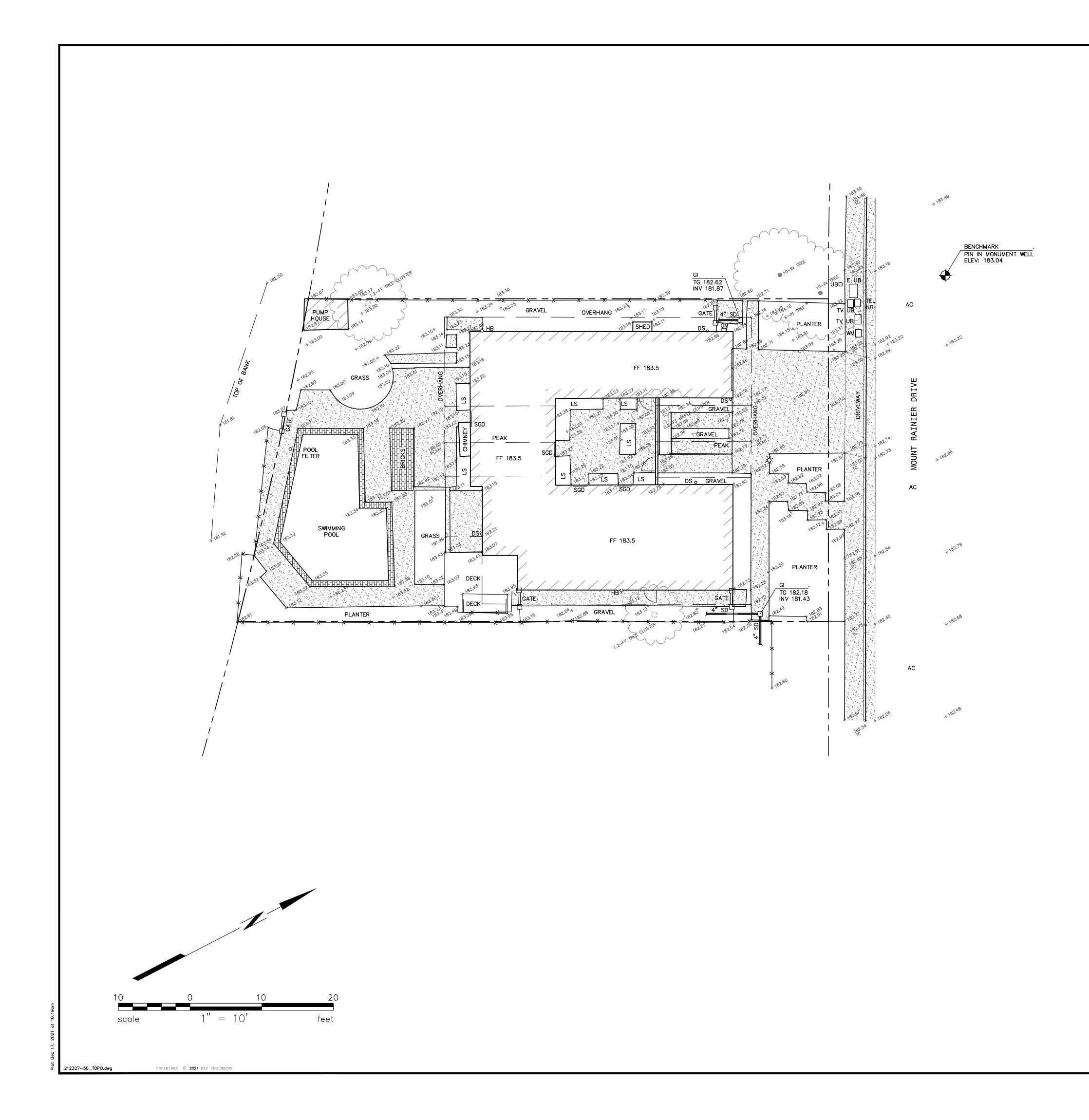
IF THE SITE IS DISTURBED DURING THE RAINY SEASON, PROVIDE TEMPORARY EROSION CONTROL MEASURES SUCH AS STRAW AND/OR WATTLES ONSITE TO STABILIZE EARTH AND PREVENT EROSION. PROVIDE GRAVEL BAGS IN FRONT OF STORMWATER INLETS TO PREVENT FOREIGN MATERIAL FROM ENTERING THE STORM DRAIN SYSTEM.

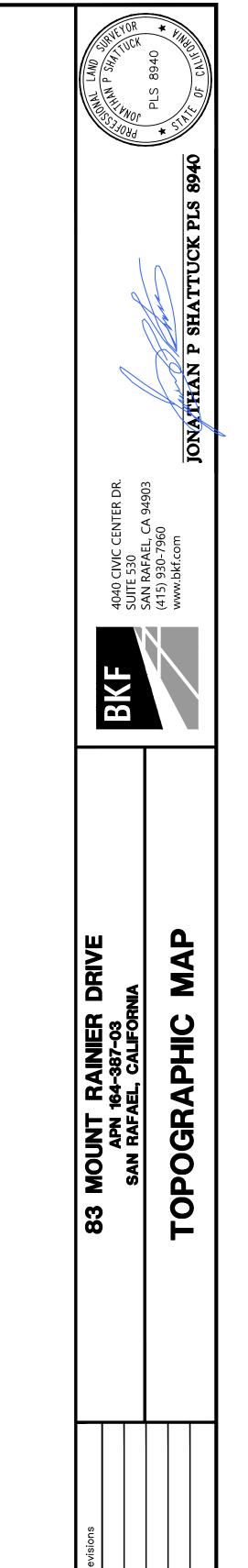
DRAINAGE SHALL NOT BE IMPEDED FROM UPSTREAM PROPERTIES.

	ABBREVIATIONS
AC	ASPHALT CONCRETE
AD	AREA DRAIN
APN	ASSESSOR'S PARCEL NU
BLDG	BUILDING
DS	DOWNSPOUT
E	ELECTRIC
ELEV	ELEVATION
EM	DRAINAGE EMITTER
FF	FINISHED FLOOR
FG	FINISHED GRADE
GI	GRATE INLET
GM	GAS METER
HB	HOSE BIB
INV	BOTTOM INSIDE OF PIP
LS	LANDSCAPING
	SLIDING GLASS DOOR
SD	STORM DRAIN
тс	TOP FACE OF CURB
	TELECOMMUNICATION LI
TG	TOP OF GRATE
TV	TELEVISION
UB	UTILITY BOX
WM	WATER METER

MBKF ENGINEERS







Drawing Number:

SU-

TOPOGRAPHIC NOTES

UNAUTHORIZED CHANGES & USES: THE PROFESSIONAL PREPARING THIS MAP WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THIS MAP. CHANGES TO THIS MAP MUST BE REQUESTED IN WRITING AND MUST BE APPROVED BY THE PROFESSIONAL.

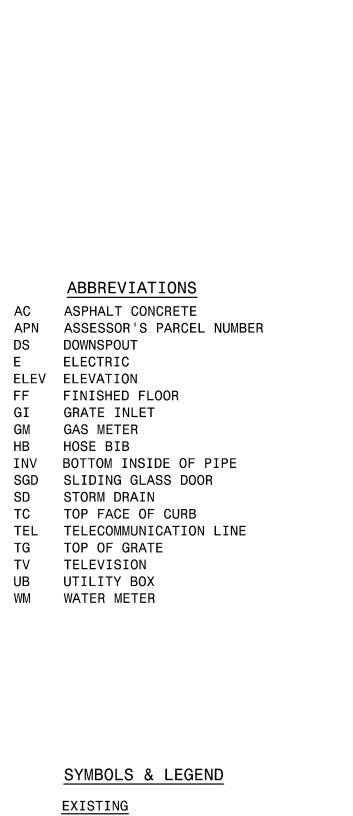
THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE AND ARE BASED ON OBSERVED TOPOGRAPHIC SURFACE FEATURES. THE PROFESSIONAL PREPARING THIS MAP ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THESE FACILITIES OR FOR THE INADVERTENT OMISSION OF RELATED INFORMATION.

TREE DIAMETERS ARE MEASURED AT CHEST HEIGHT (48"). DRIPLINE DIAMETERS AND TREE SPECIES ARE APPROXIMATE ONLY AND SHOULD BE VERIFIED BY A CERTIFIED ARBORIST.

BENCHMARK: PIN IN MONUMENT WELL, LOCATION SHOWN HEREON, ELEVATION 183.04' (DATUM NAVD 88, GEOID '18 BY STATIC GPS OBSERVATIONS PROCESSED THROUGH NOAA'S ONLINE POSITIONING USER SERVICE).

FIELD SURVEY DATE: DECEMBER 11, 2021

OBKF ENGINEERS



BENCHMARK VALVE

SITE LIGHT

TREE CLUSTER

TREE

---- BOUNDARY LINE

STORM DRAIN CONCRETE

TEL

 \bullet

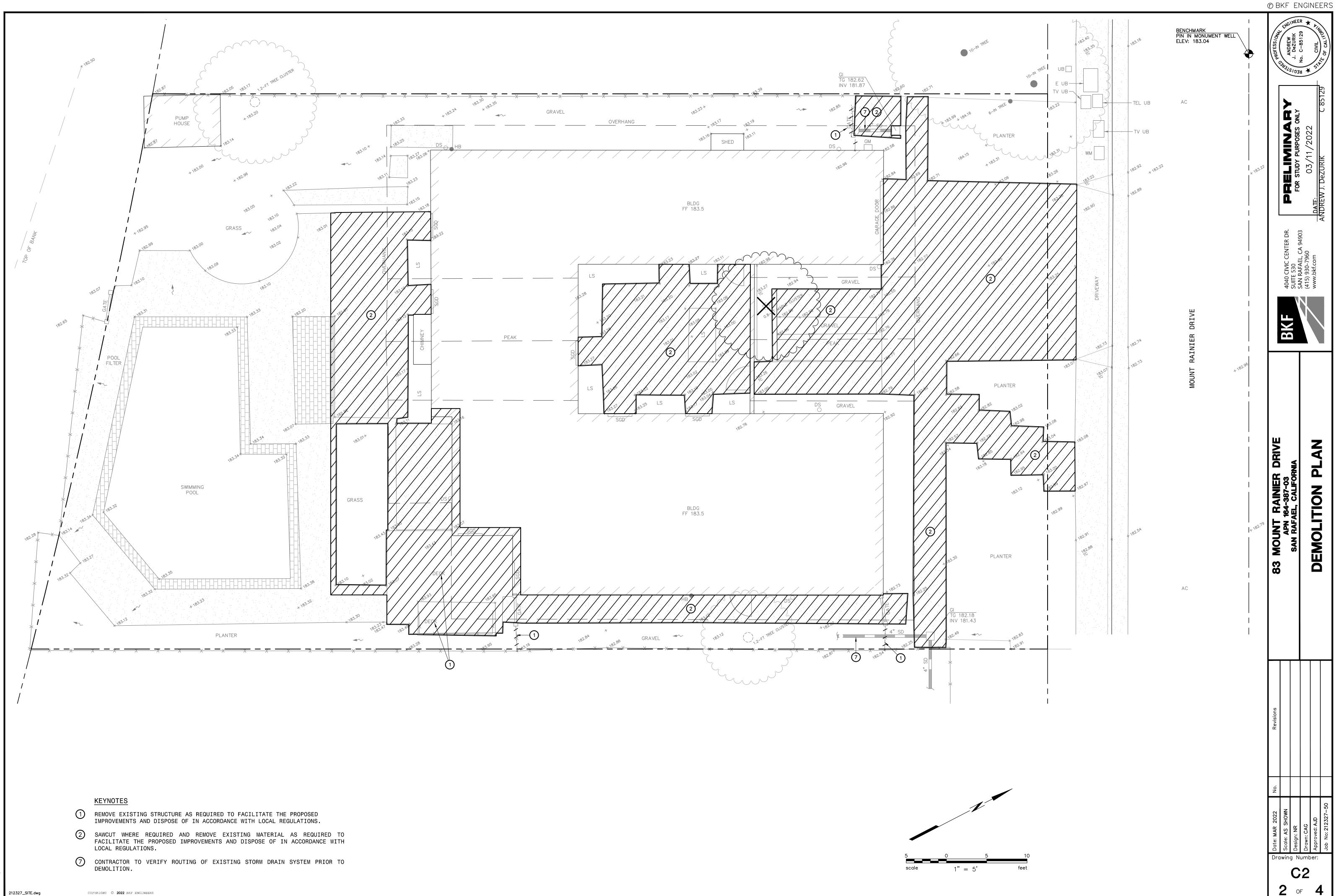
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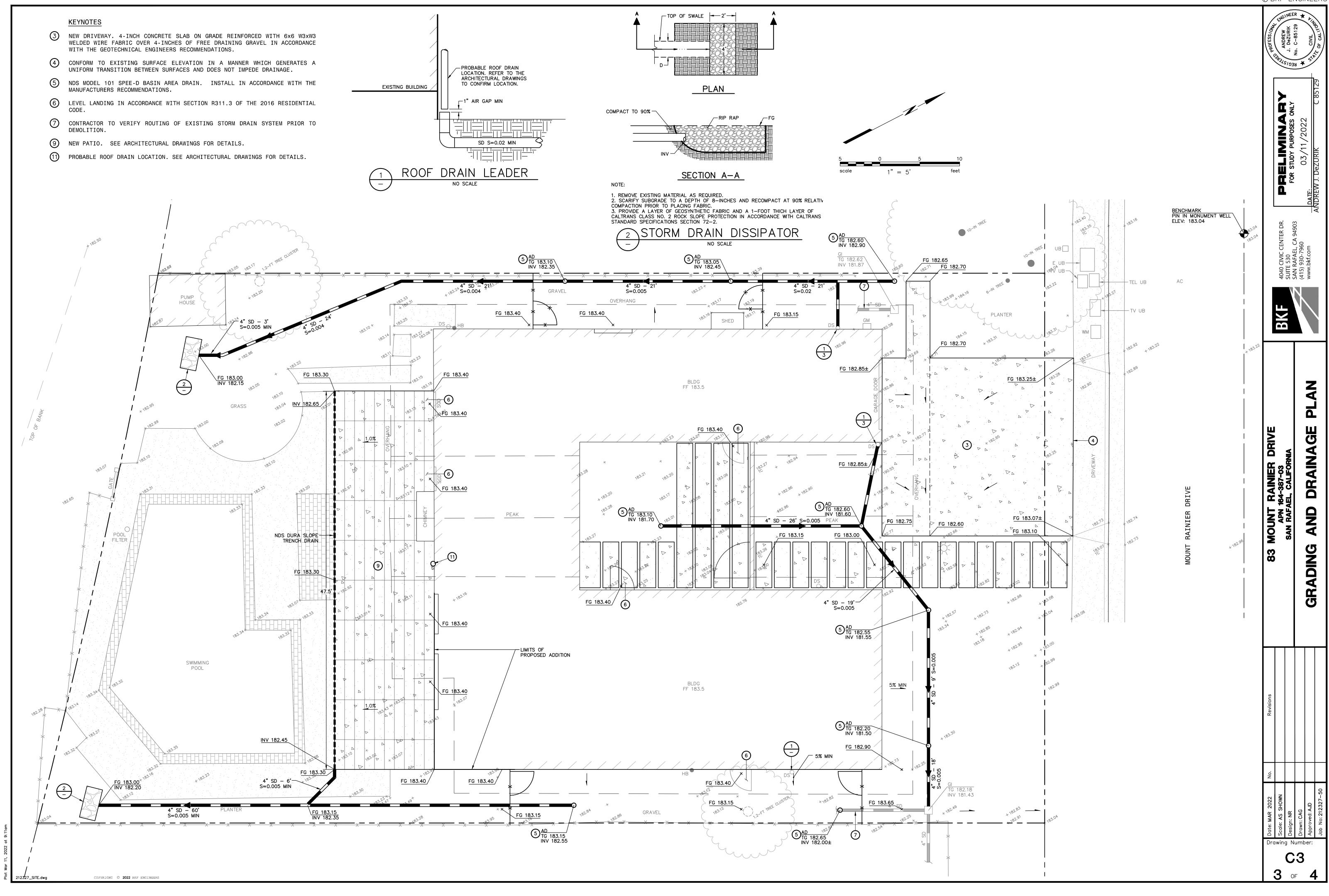
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SAN RAFAEL

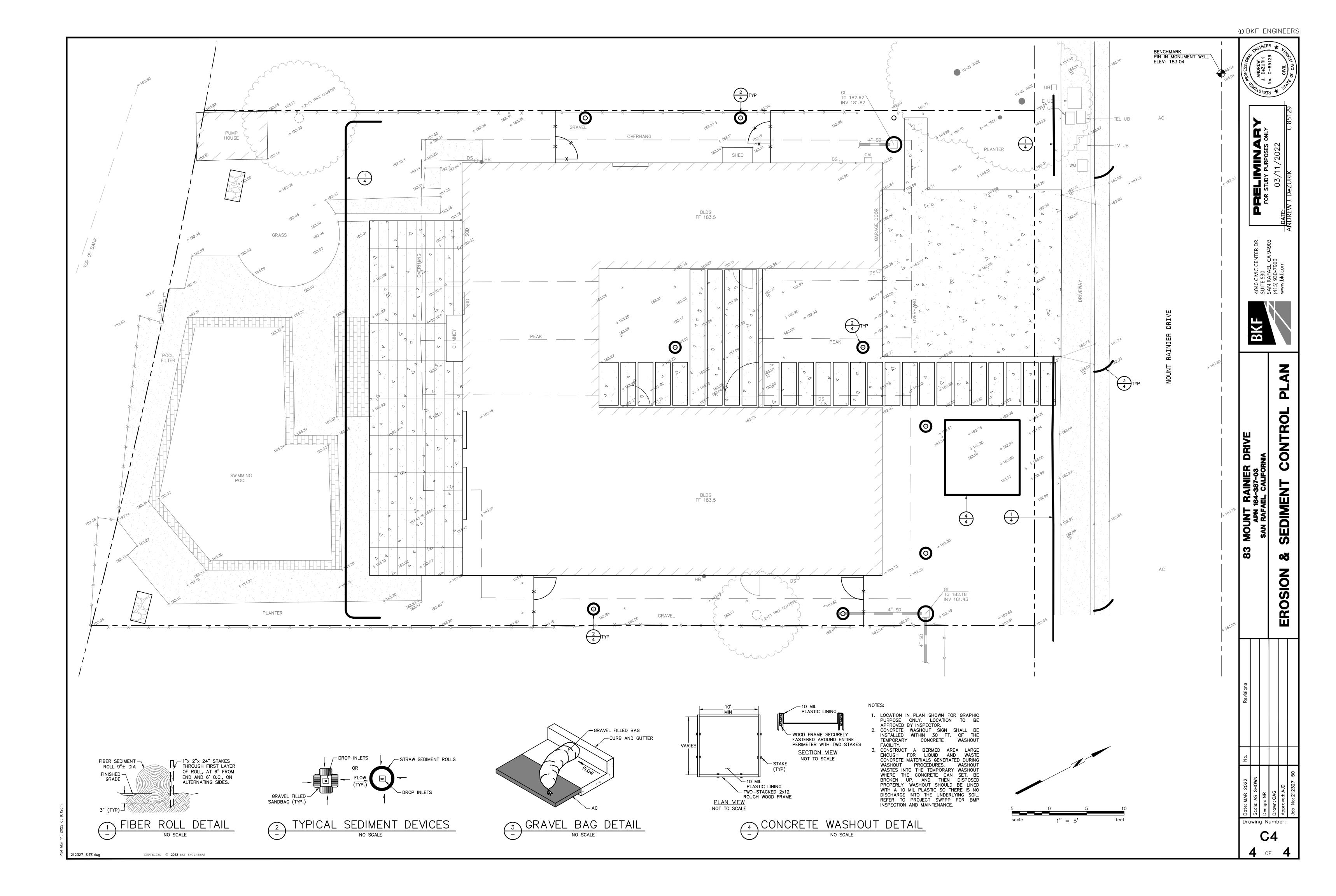
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VICINITY MAP



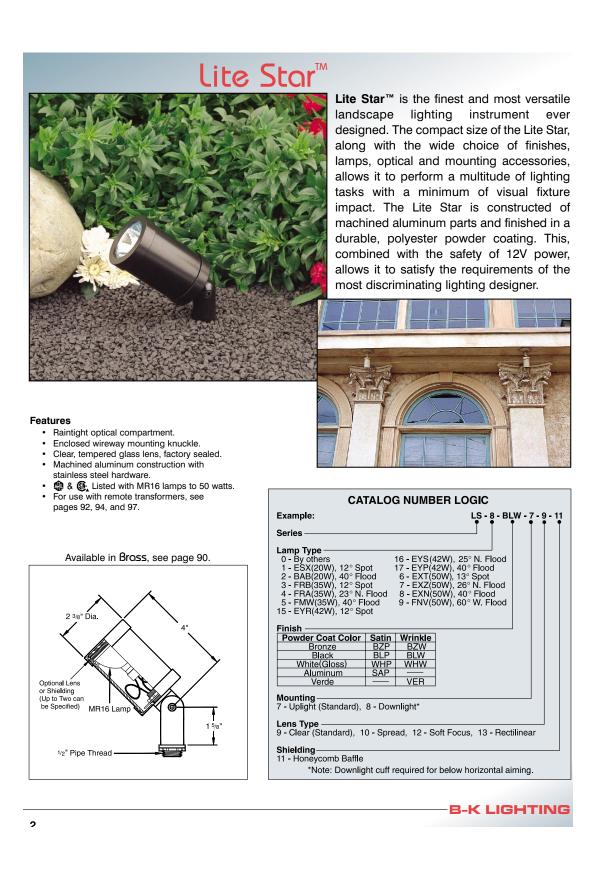




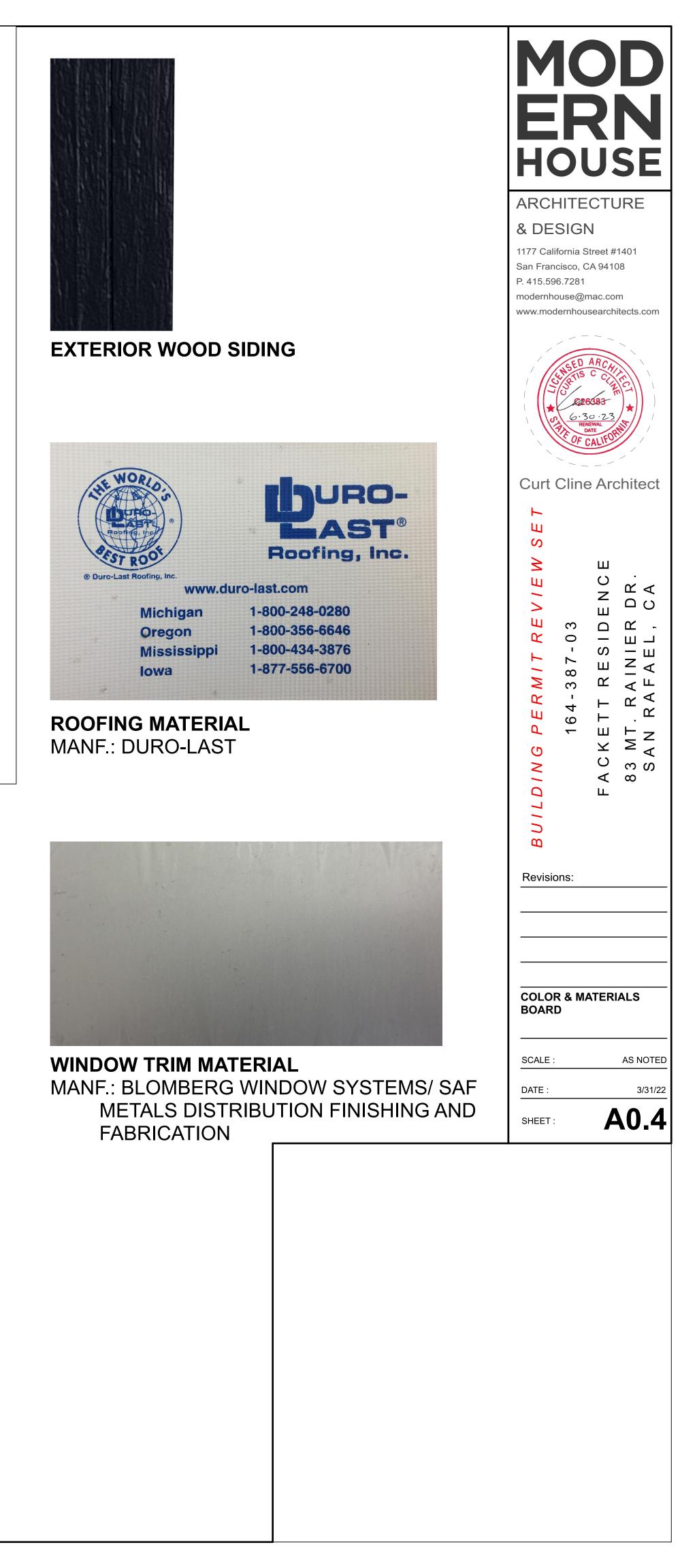


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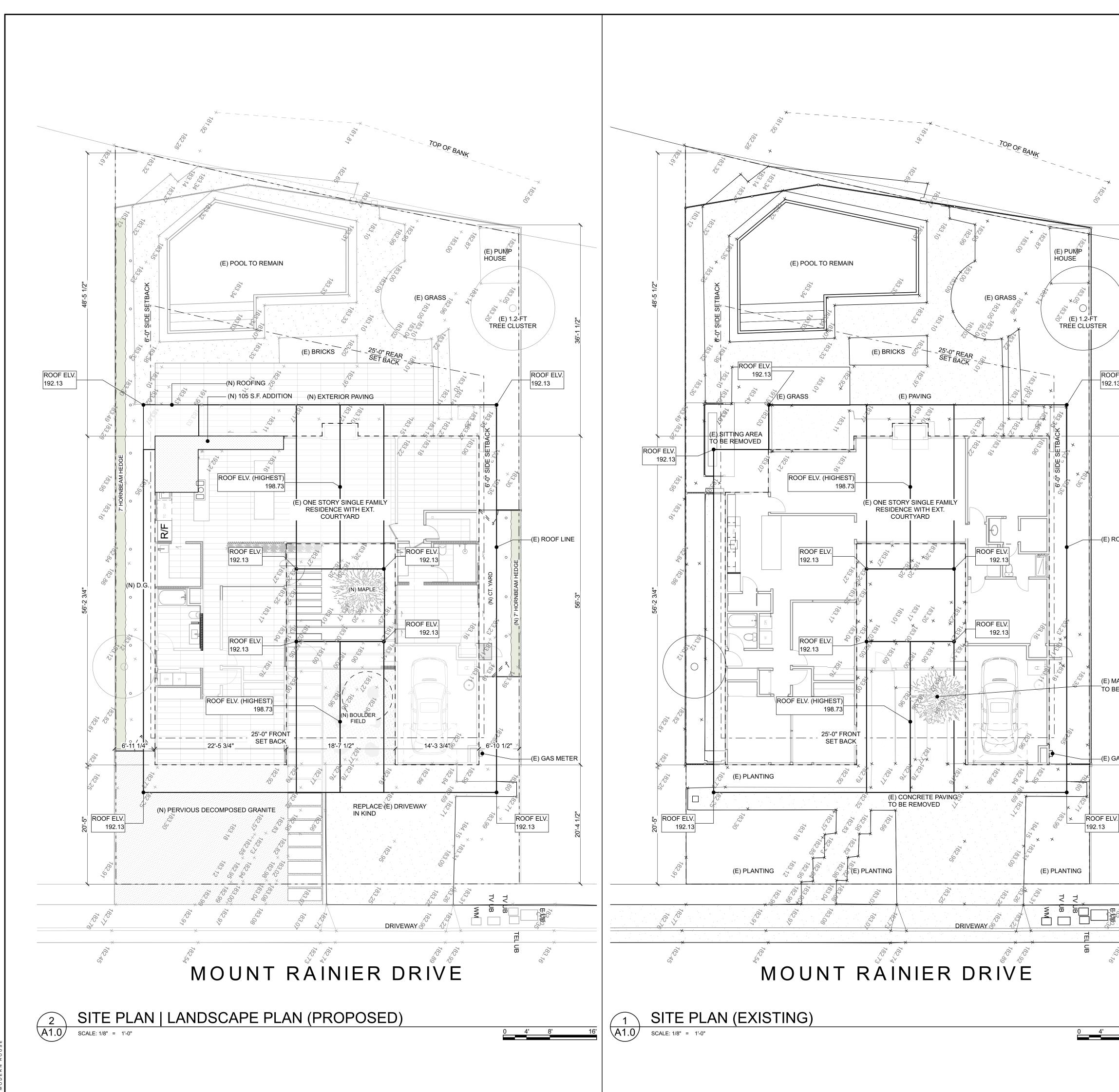
#Contact Company • FACKETT RESIDENCE • #PIn • A0.4



Exterior Light Type aa Manf. BK Lighting Name: Lite Star LS-8-BLP-7-9-11 Fin. Black Powder Coat



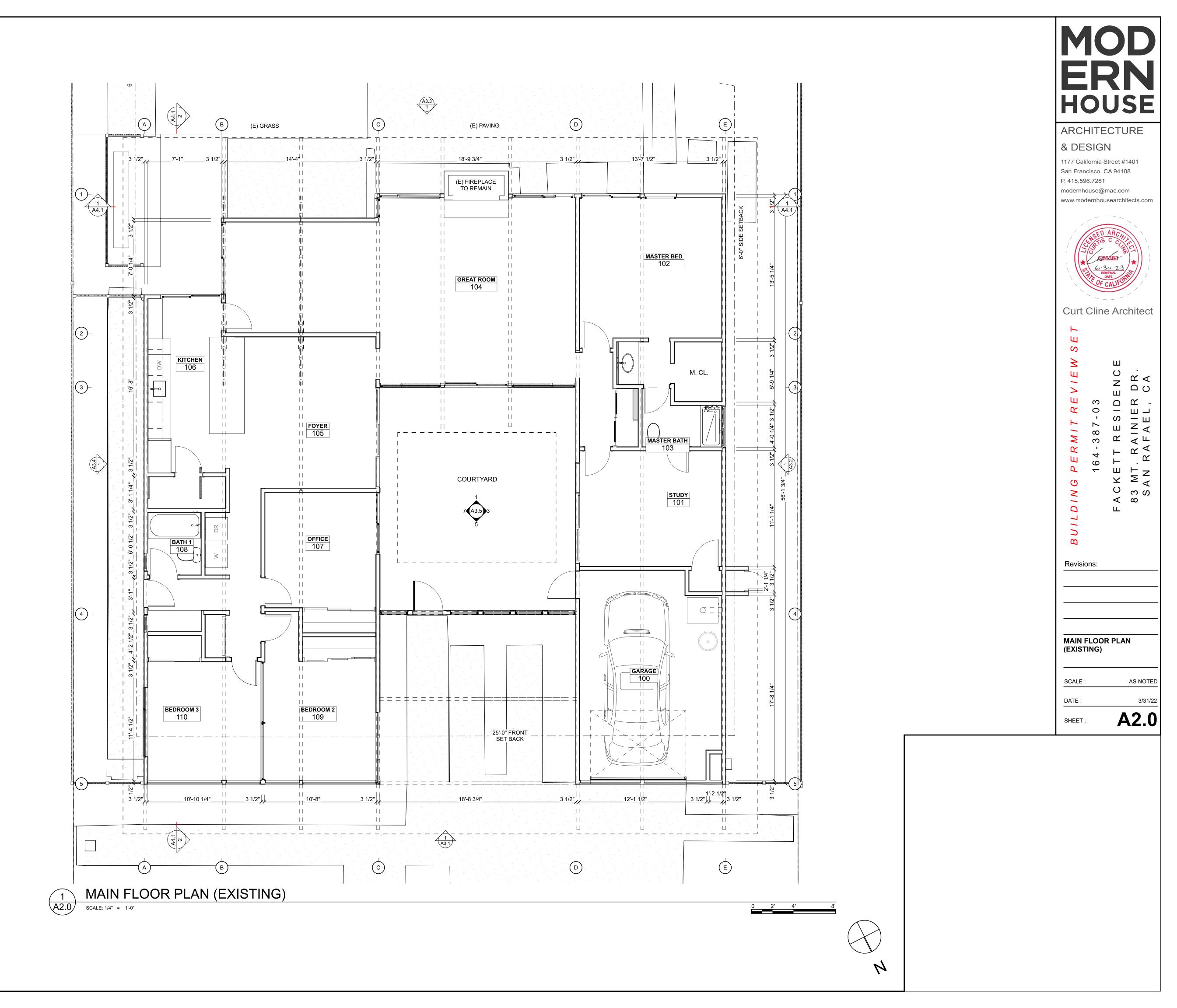
#Contact Company • FACKETT RESIDENCE • #Pln • A1.0



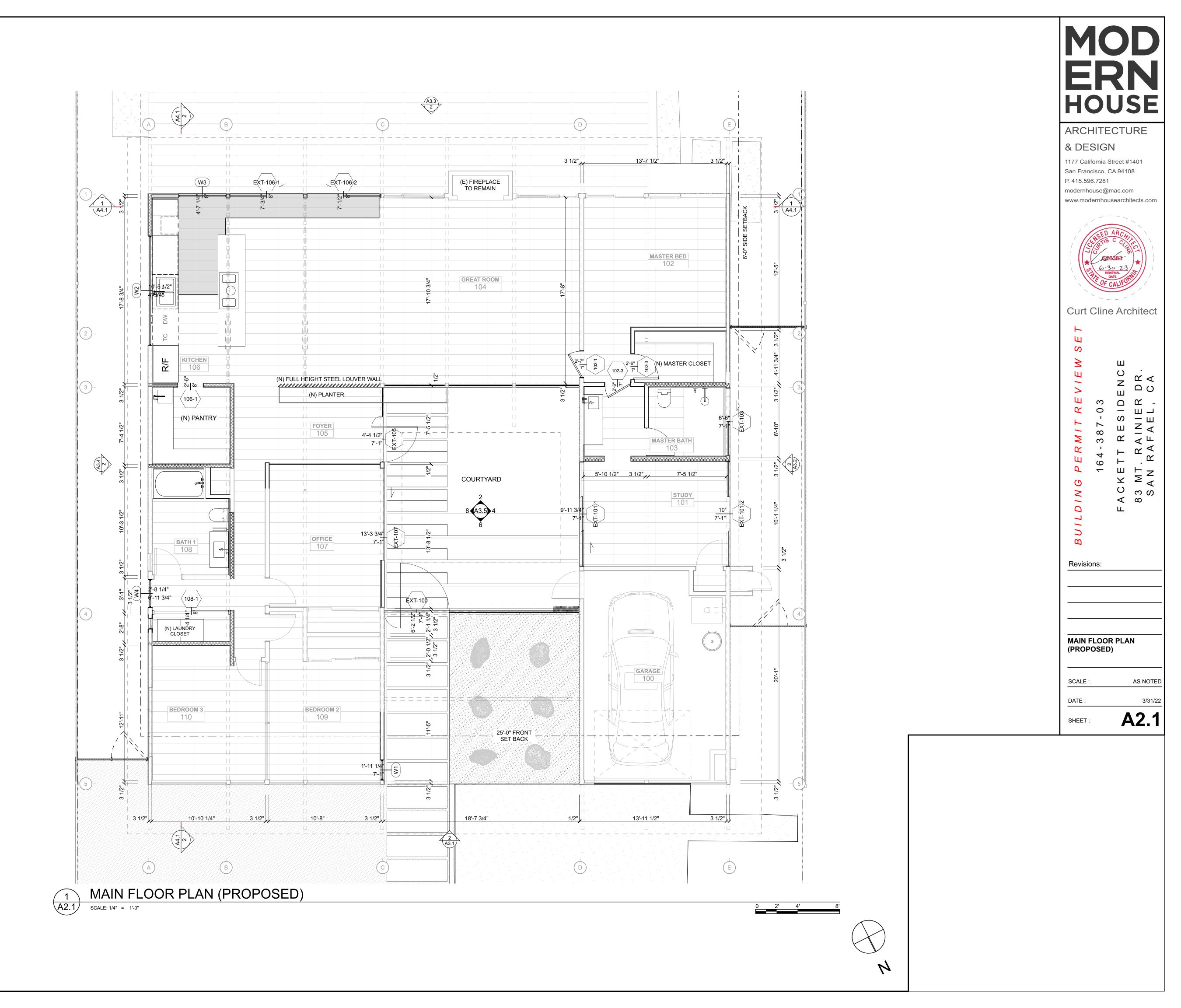
THESE DRAWINGS ARE THE ORIGINAL UNPUBLISHED WORK OF THE ARCHITECT AND MAY NOT BE DUPLICATED OR USED WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT. Curt Cline

			EF HOL	JSE
\			ARCHITEC & DESIGN 1177 California St San Francisco, CA P. 415.596.7281 modernhouse@m www.modernhous	reet #1401 A 94108 ac.com
1/2"	Standard Project Data On Site	Plan	SCURTIS CO SCURTIS CO CO EZECU PILA OF CI CO EXECUTION CO	s · 2.3
36'-1 1/2" B	Based on applicable definitions in Marin County Code, include		Curt Cline	Architect
OF ELV.	1. Lot area (both the dry land area and the total ar provided for lots that are partially submerged)	ea must be 8,168 s.f.	ET	
.13	Existing Proposed 2. Building Area	8,168 s.f.	N N	ш
	Existing Proposed	2,322 s.f. 2,427 s.f.	V I E	DR. CA.
	3. Floor Area Existing	2,322 s.f.	<i>R E</i> \ 0 3	IDE ER I L, 0
	Proposed 4. Floor Area Ratio	2,427 s.f.		E S I N I I A E
	Existing Proposed	28.4% 29.7%	ი ∠ .	Т R R A I A F
	 5. Proposed Area of additional disturbance 7. Lot Coverage 		РЕ 164	
ROOF LINE	Existing Proposed	5,835 s.f. 5,421 s.f.	b l	X Z A
	8. Grading Calculations (cubic yards) Cut	0 s.f.	DIN	F A C 83 S
	Fill Off-haul	0 s.f. 0 s.f.	11	ш
56-3"	9. Parking Existing	1	BU	
ฉิ	Proposed 10. Minimum setbacks for exterior walls	1 FRONT 25 FT	Revisions:	
	11. Maximum height of proposed building area	REAR 25 FT SIDE 6 FT 15'-0"		
IAPLE TREE 3E REMOVE				
			SITE PLAN	
GAS METER			SCALE :	AS NOTED
			DATE :	4/7/22
N			SHEET :	A1.0
8' 16'	N N			

#Contact Company • FACKETT RESIDENCE • #Pln • A2.0



#Contact Company • FACKETT RESIDENCE • #PIn • A2.1

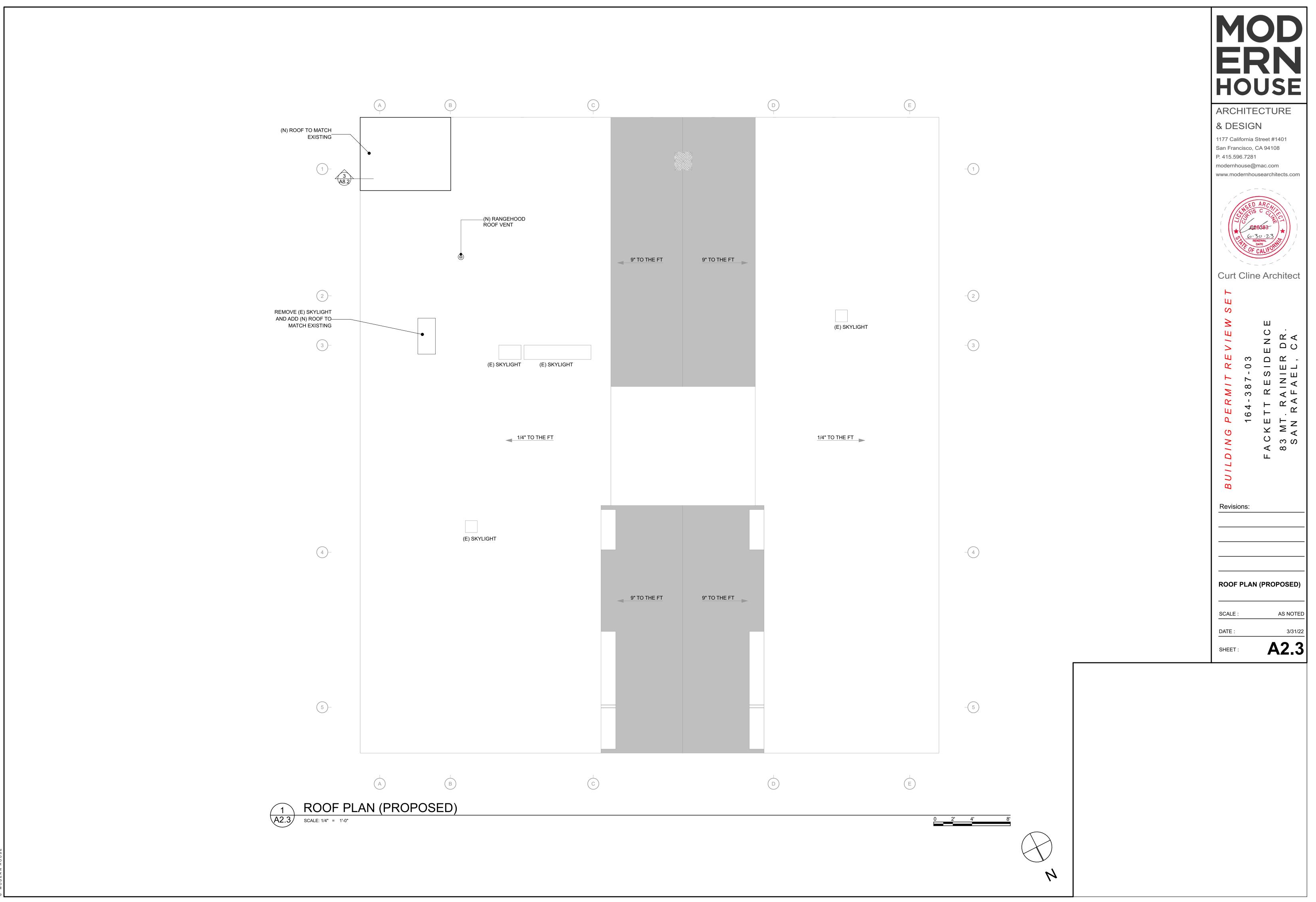


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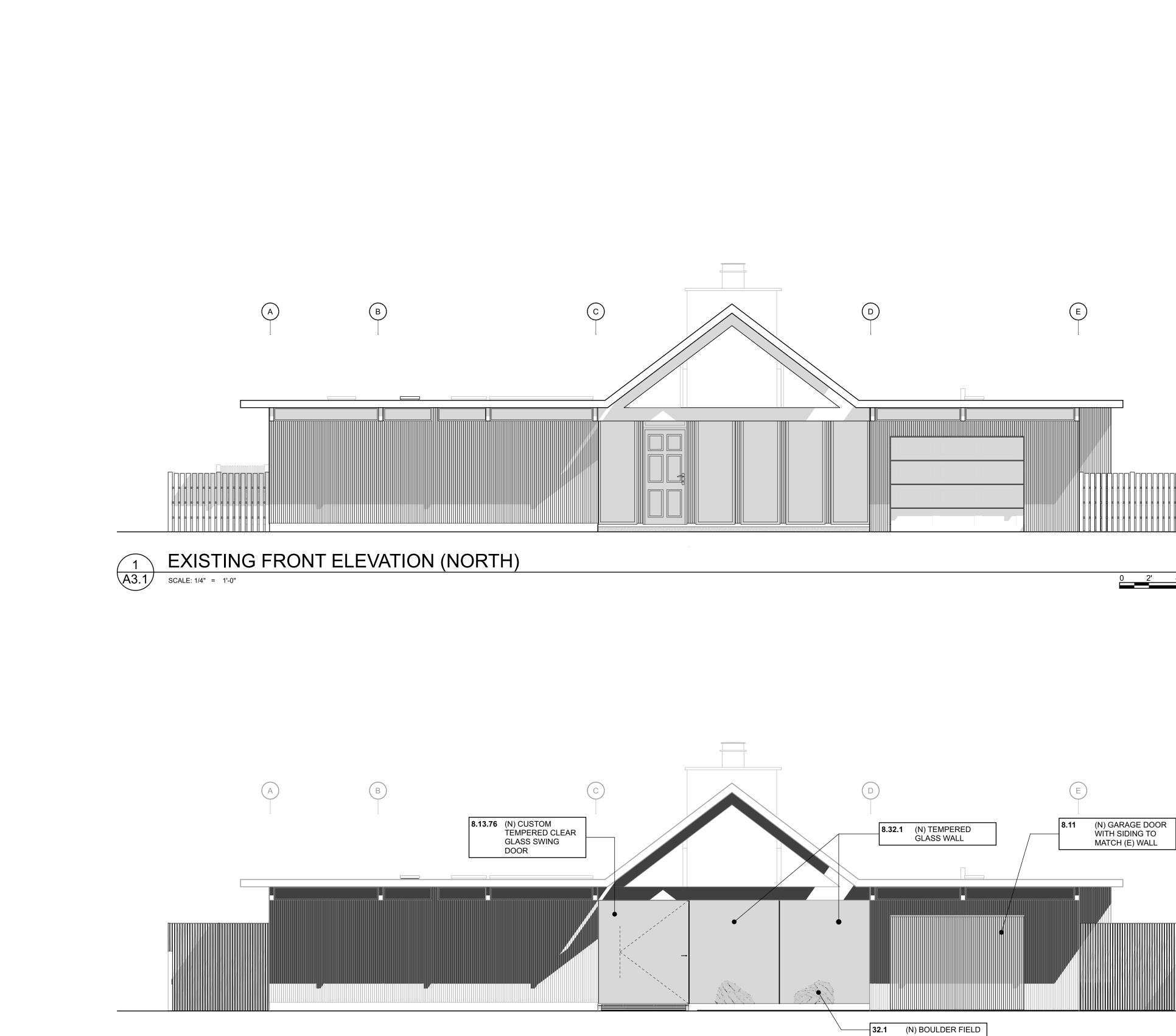


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#Contact Company • FACKETT RESIDENCE • #PIn • A2.3



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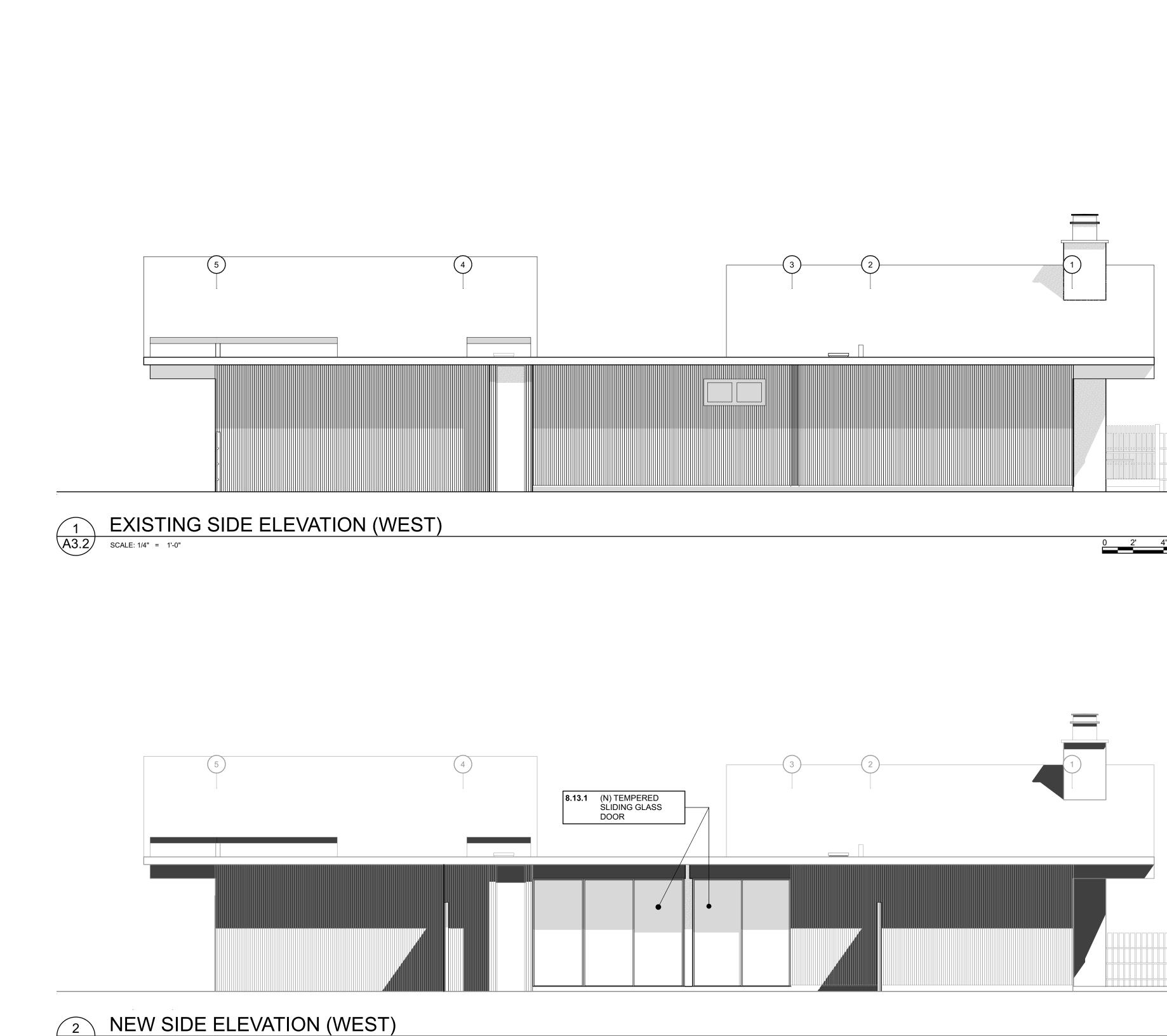


2 A3.1

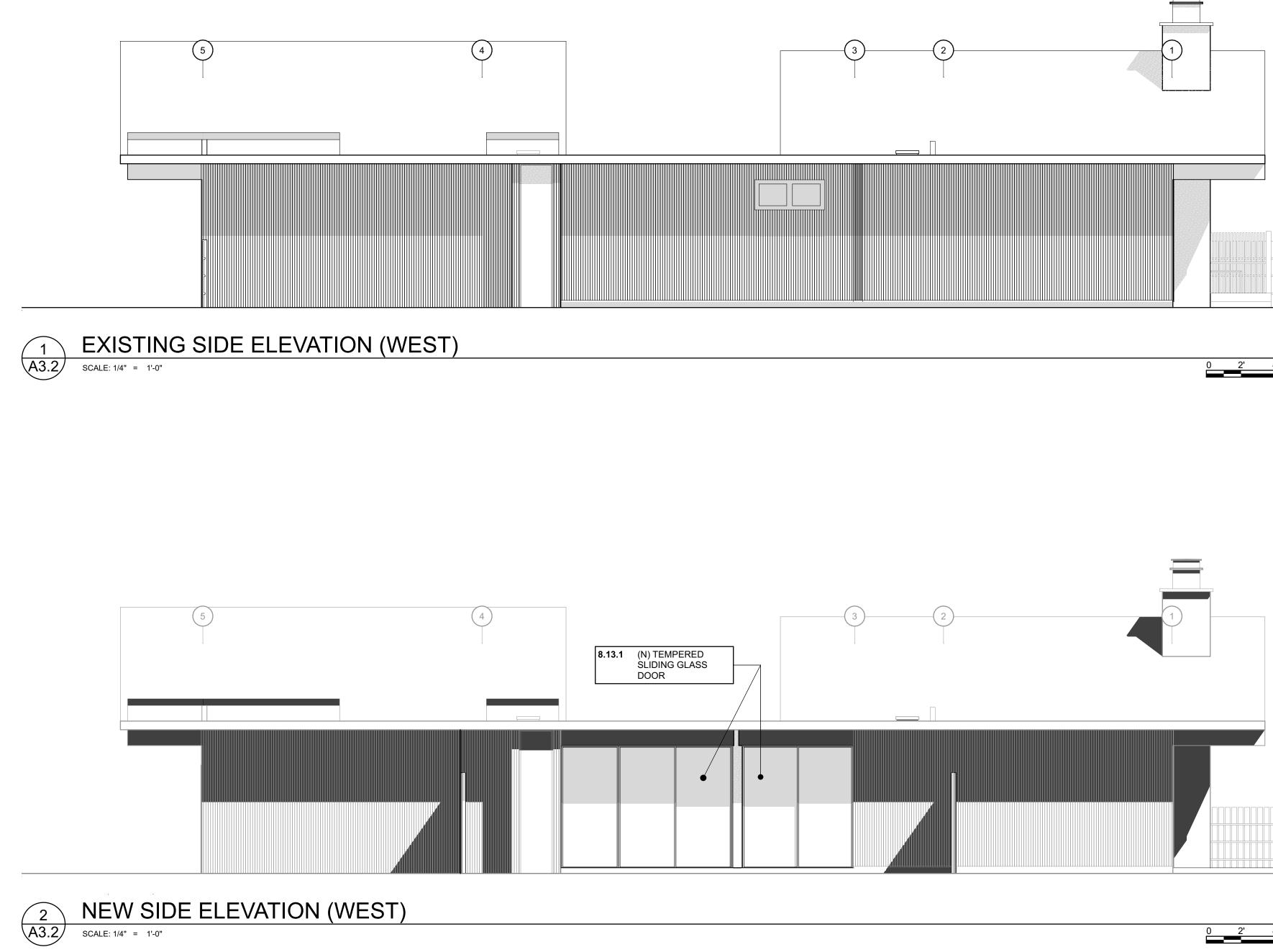
NEW FRONT ELEVATION (NORTH) SCALE: 1/4" = 1'-0"

		ARCHITECTURE
		& DESIGN 1177 California Street #1401 San Francisco, CA 94108 P. 415.596.7281 modernhouse@mac.com www.modernhousearchitects.com
	MAX. BUILDING HEIGHT 14'-6" CEILING HEIGHT - LIVING	Curt Cline Architect
	8' CEILING HEIGHT	<i>EVIEWSET</i> 3 3 6 N C E 8 D R . , C A
	0" FINISHED FLOOR 5" STREET LEVEL	BUILDING PERMITR 164-387-0 FACKETT RESI 83 MT. RAINIE SAN RAFAEL
	MAX. BUILDING HEIGHT 14'-6" CEILING HEIGHT - LIVING	Revisions:
GARAGE DOOR H SIDING TO TCH (E) WALL	CEILING HEIGHT	SCALE : AS NOTED DATE : 3/31/22 SHEET : A3.1
	0" FINISHED FLOOR 6" STREET LEVEL	
0 2' 4'	8'	

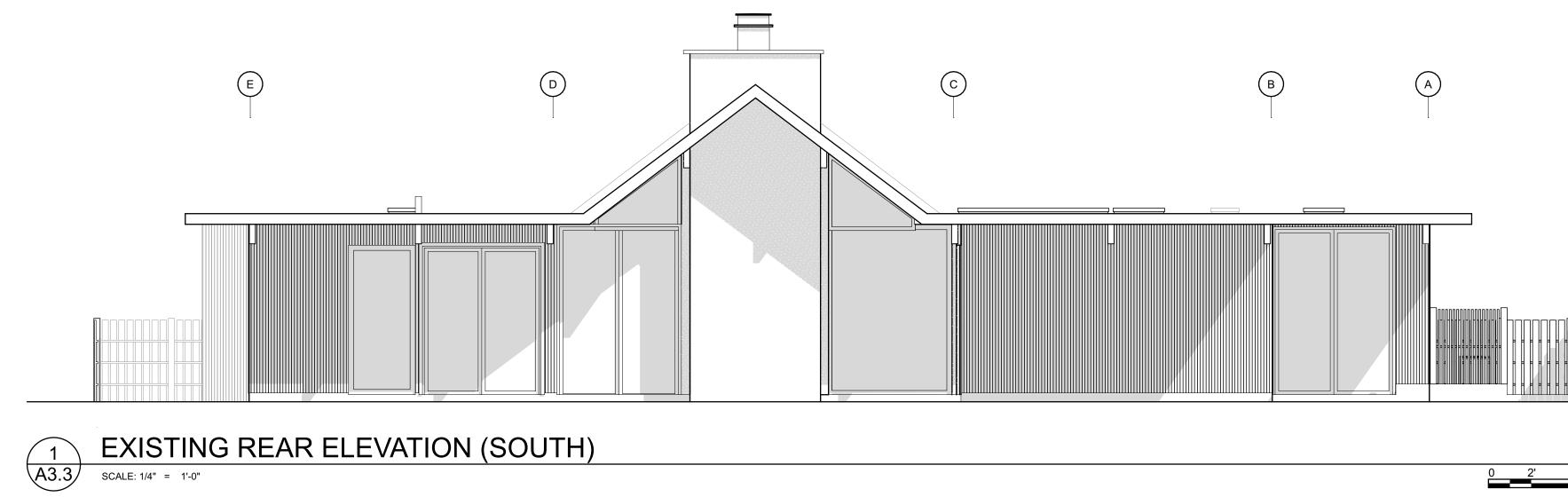


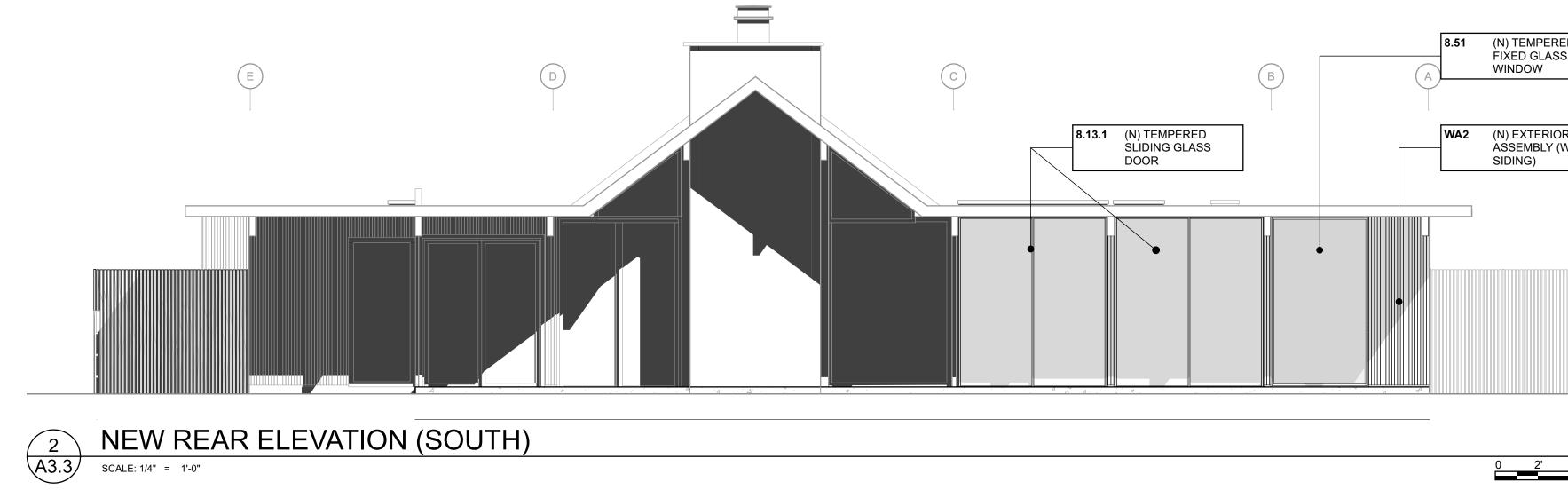






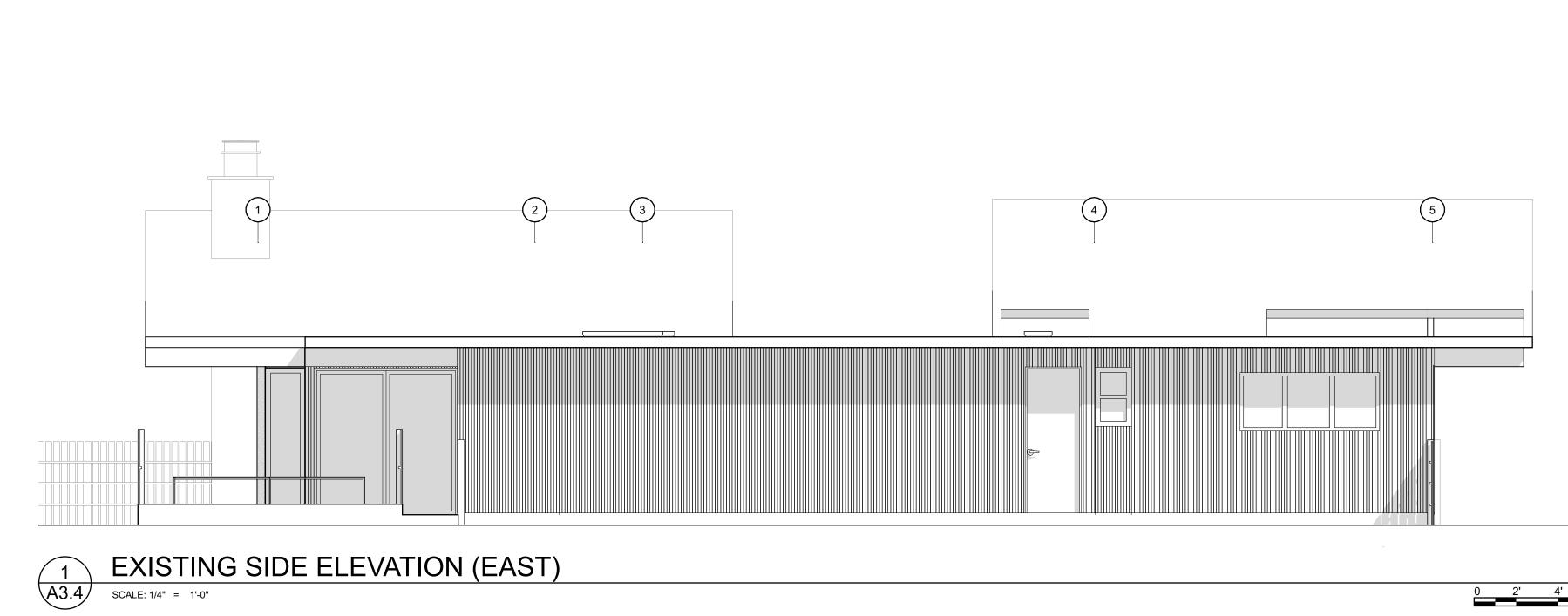
			MGC BARCHITEC & DESIGN 1177 California Stres San Francisco, CAS P. 415.596.7281 modernhouse@mail www.modernhouse	et #1401 94108
	<u>15'-0"</u> 14'-6"	MAX. BUILDING HEIGHT CEILING HEIGHT - LIVING	Control Chine and Chine an	FORM
_		CEILING HEIGHT		
	0" 	FINISHED FLOOR STREET LEVEL	ING PERMITRE 164-387-03	FACKELL KESIDE 83 MT. RAINIER D SAN RAFAEL, C
	<u>15'-0"</u> 14'-6"	MAX. BUILDING HEIGHT CEILING HEIGHT -	Revisions:	
		LIVING CEILING HEIGHT	SIDE ELEVATIONS SCALE : DATE :	AS NOTED 3/31/22
	0" 	FINISHED FLOOR STREET LEVEL	SHEET :	A3.2
4' 8'				

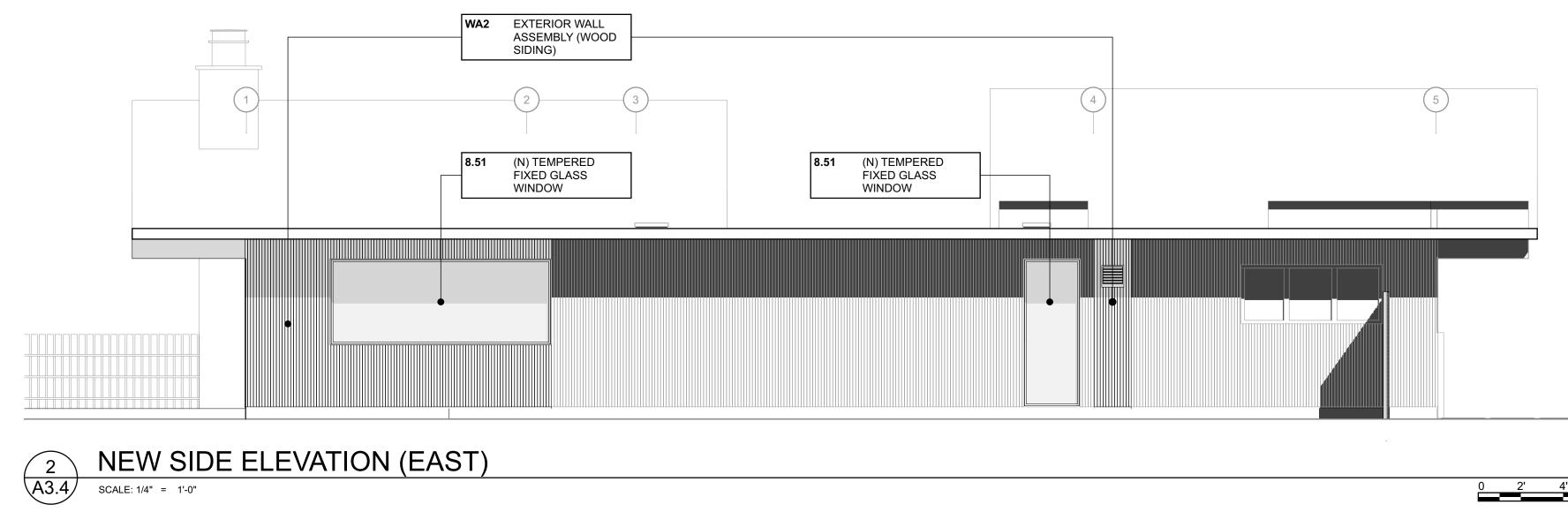




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		<u>15'-0"</u> 14'-6"	MAX. BUILDING HEIGHT CEILING HEIGHT - LIVING	CURTIS C CURTIS C CURTIS C CURTIS C C E263B3- T C C C C C C C C C C C C C C C C C C
		8'	CEILING HEIGHT	Curt Cline Architect
4' <u>8'</u>	*	 6"	FINISHED FLOOR STREET LEVEL	BUILDING PERMITRE 164-387-03 FACKETTRESIDE 83 MT. RAINIER SAN RAFAEL,
RED		15'-0"	MAX. BUILDING HEIGHT	Revisions:
IOR WALL (WOOD		14'-6"	CEILING HEIGHT - LIVING	REAR ELEVATION (SOUTH) SCALE : AS NOTED
		8'	CEILING HEIGHT	DATE : 3/31/22 SHEET : A3.3
		0" 6"	FINISHED FLOOR STREET LEVEL	
4' 8'				

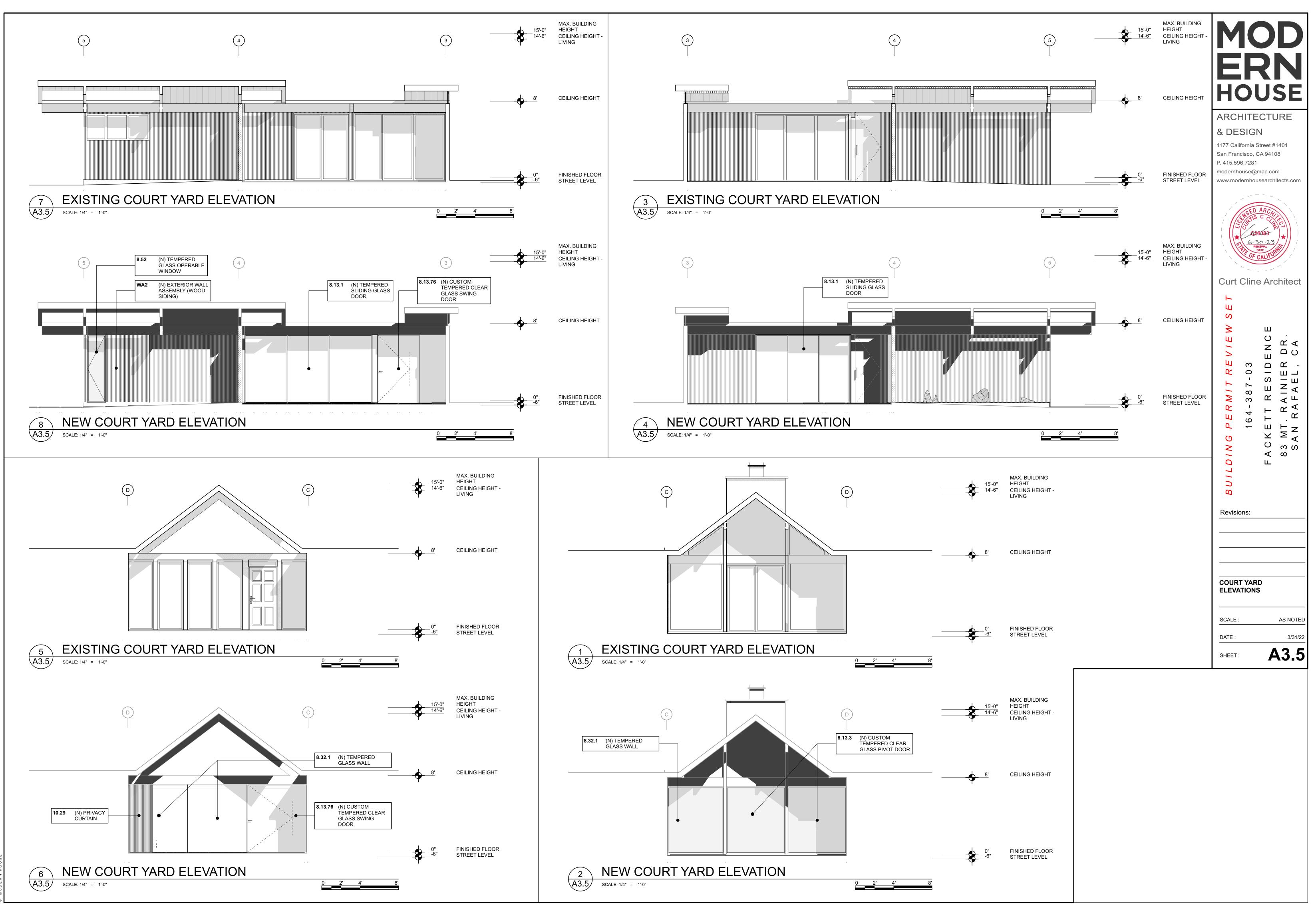
#Contact Company • FACKETT RESIDENCE • #PIn • A3.4

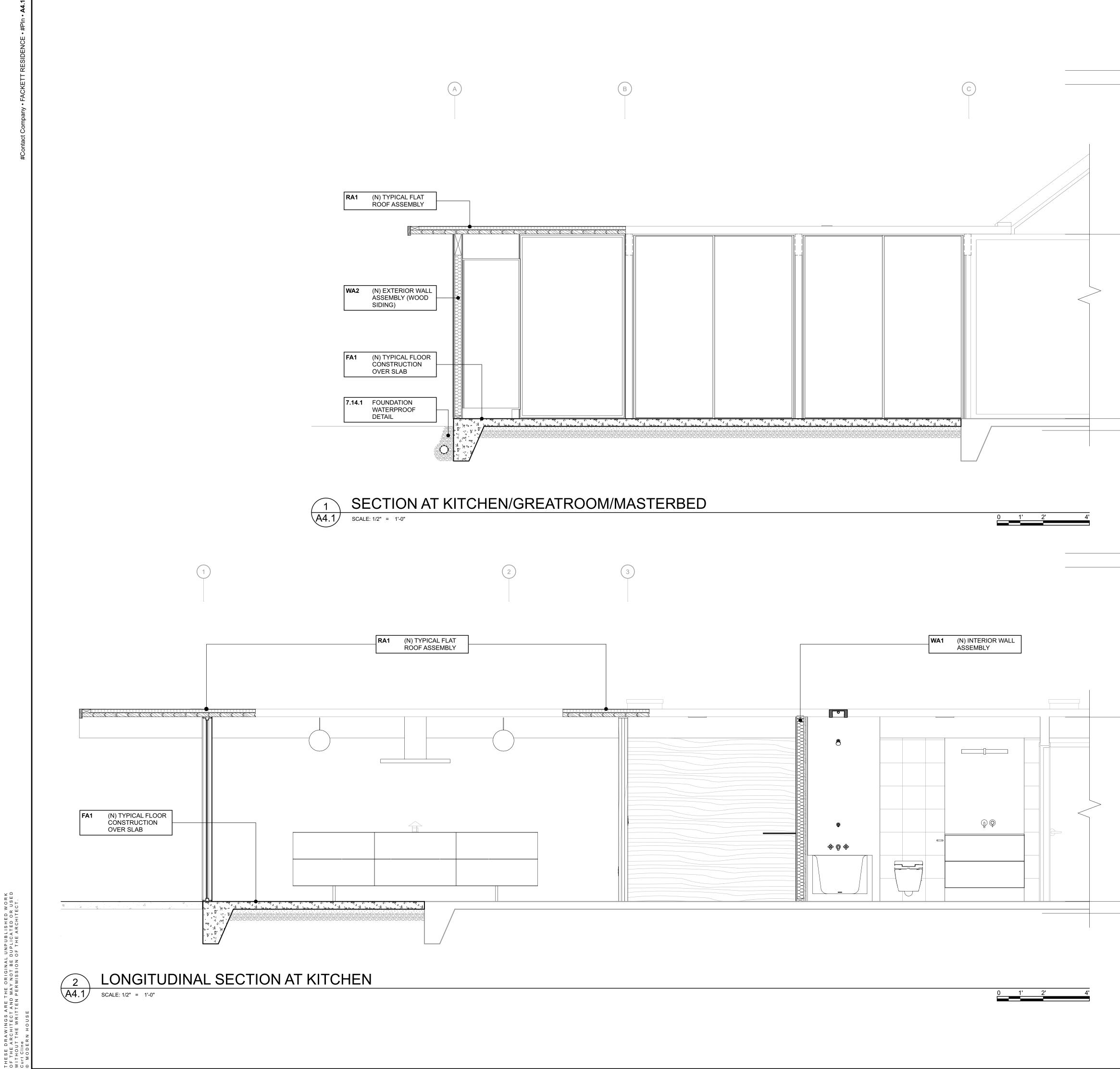




			MARCHITECTURE & DESIGN 1177 California Street #1401 San Francisco, CA 94108 P. 415.596.7281 modernhouse@mac.com www.modernhousearchitects.com	
	<u>15'-0"</u> 14'-6"	MAX. BUILDING HEIGHT CEILING HEIGHT - LIVING	CURENCE CONTRACTOR CON	
		CEILING HEIGHT		
4' 8'	0" 	FINISHED FLOOR STREET LEVEL	S A R A F A R N R S Revisions:	
	<u>15'-0"</u> 14'-6"	MAX. BUILDING HEIGHT CEILING HEIGHT - LIVING	SIDE ELEVATION (EAST)	
		CEILING HEIGHT	SCALE : AS NOTE DATE : 3/31/2 SHEET : A3.4	22
<u>4' 8'</u>		FINISHED FLOOR STREET LEVEL		







15'-0"	MAX. BUILDING HEIGHT CEILING HEIGHT - LIVING	00 FA1 RA1	INTERIOR ELEVATIONS CONSTRUCTION ASSEMBLIES (N) TYPICAL FLOOR CONSTRUCTION OVER SLAB 3/4" LIMESTONE TILING OVER INTEGRAL PLYWOOD OVER CONCRETE SLAB (SEE STRUCTURAL FOR REQUIREMENTS) OVER VAPOR DIFFUSION RETARDER OR 2" SAND OVER 4" GRAVEL (N) TYPICAL FLAT ROOF ASSEMBLY TO MATCH EXISTING ROOFING	MOD ERN HOUSE
		WA1 WA2	(N) INTERIOR WALL ASSEMBLY (N) EXTERIOR WALL ASSEMBLY (WOOD SIDING) WOOD PANEL OVER PLYWOOD SHEAR (SEE STRUCTURAL) OVER 2X4 STUDS AT 16" O.C. WITH BATT INSULATION FULL THICKNESS	ARCHITECTURE & DESIGN 1177 California Street #1401 San Francisco, CA 94108
		7 7.14.1	THERMAL & MOISTURE PROTECTION FOUNDATION WATERPROOF DETAIL SEE DETAIL ON SHEET A8.2	P. 415.596.7281 modernhouse@mac.com www.modernhousearchitects.com
8'	CEILING HEIGHT			Curt Cline Architect
0" -6"	FINISHED FLOOR STREET LEVEL			ERMITREVIEWSET 4-387-03 TRESIDENCE RAINIERDR. RAINIERDR. RAFAEL, CA
15'-0" 14'-6"	MAX. BUILDING HEIGHT CEILING HEIGHT - LIVING			9 L . L N N N N N N N N N N N N N N N N N
8'	CEILING HEIGHT			BUILDING SECTIONS SCALE : AS NOTED DATE : 4/7/22
	FINISHED FLOOR STREET LEVEL			SHEET: A4.1