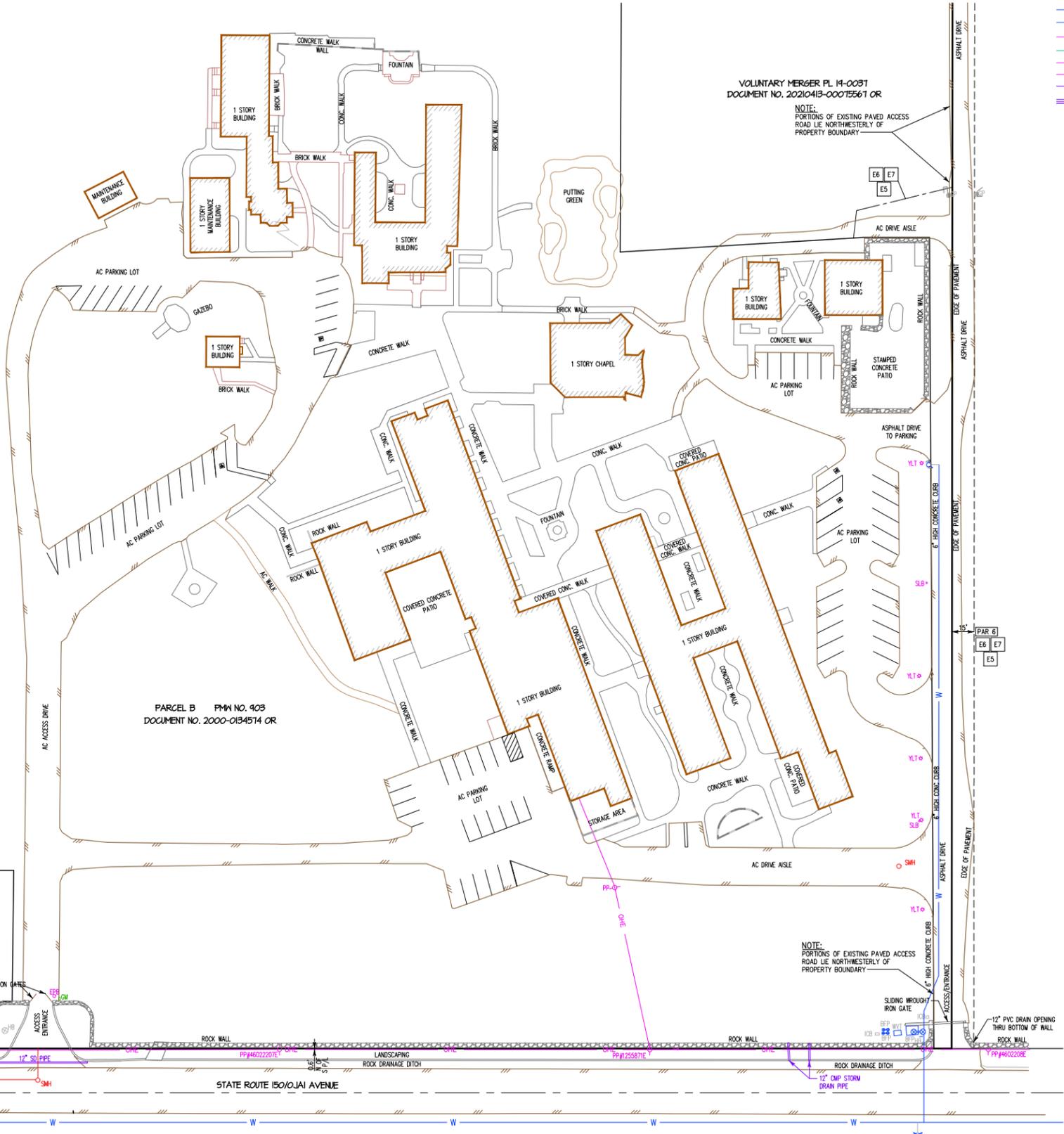


NORTHERLY PORTION OF SUBJECT PROPERTY



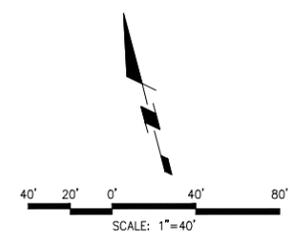
TOPOGRAPHIC ABBREVIATIONS AND LEGEND

X	CHAIN LINK FENCE
S	SEWER MAIN (SIZE AS NOTED)
W	WATER MAIN (SIZE AS NOTED)
RW	RECLAIMED WATER
T	TELEPHONE LINE
G	GAS MAIN (SIZE AS NOTED)
TV	CABLE TELEVISION LINE
OE	ELECTRIC LINE (S.C.E.)
SD	STORM DRAIN MAIN (15" OR SMALLER, SIZE AS NOTED)
SD	STORM DRAIN MAIN (15" OR LARGER, SIZE AS NOTED)

SMH	SEWER MANHOLE
SDMH	STORM DRAIN MANHOLE
DI	DRAIN INLET
PB	PULL BOX (AS NOTED)
PP	POWER POLE OR TELEPHONE POLE
TEMH	TELEPHONE MANHOLE
EMH	ELECTRIC MANHOLE
SL	STREET LIGHT
L	LIGHT
FH	FIRE HYDRANT
M	METER AS NOTED
V	VALVE AS NOTED
B	BACKFLOW BREAKLINE
AC	ASPHALT
BFP	BACK FLOW PREVENTER
CMP	CORRUGATED METAL PIPE
EPB	ELECTRIC PULL BOX
CONC	CONCRETE
FH	FIRE HYDRANT
GM	GAS METER
GP	GATE POST
HB	HOSE BIB
INV	INVERT
MH	MANHOLE
PP	POWER POLE
PVC	POLYVINYL CHLORIDE
SLB	STREETLIGHT BOX
SMH	SEWER MANHOLE
ST	STREET LIGHT
W	WATER MAIN
WM	WATER METER
WV	WATER VALVE
WVT	WATER VAULT
YLT	YARD LIGHT

COLOR UTILITY LEGEND

Red	SANITARY SEWER AND RELATED FACILITIES
Pink	POWER/COMMUNICATION AND RELATED FACILITIES
Blue	WATER AND RELATED FACILITIES
Green	GAS AND RELATED FACILITIES
Purple	STORM SEWER AND RELATED FACILITIES



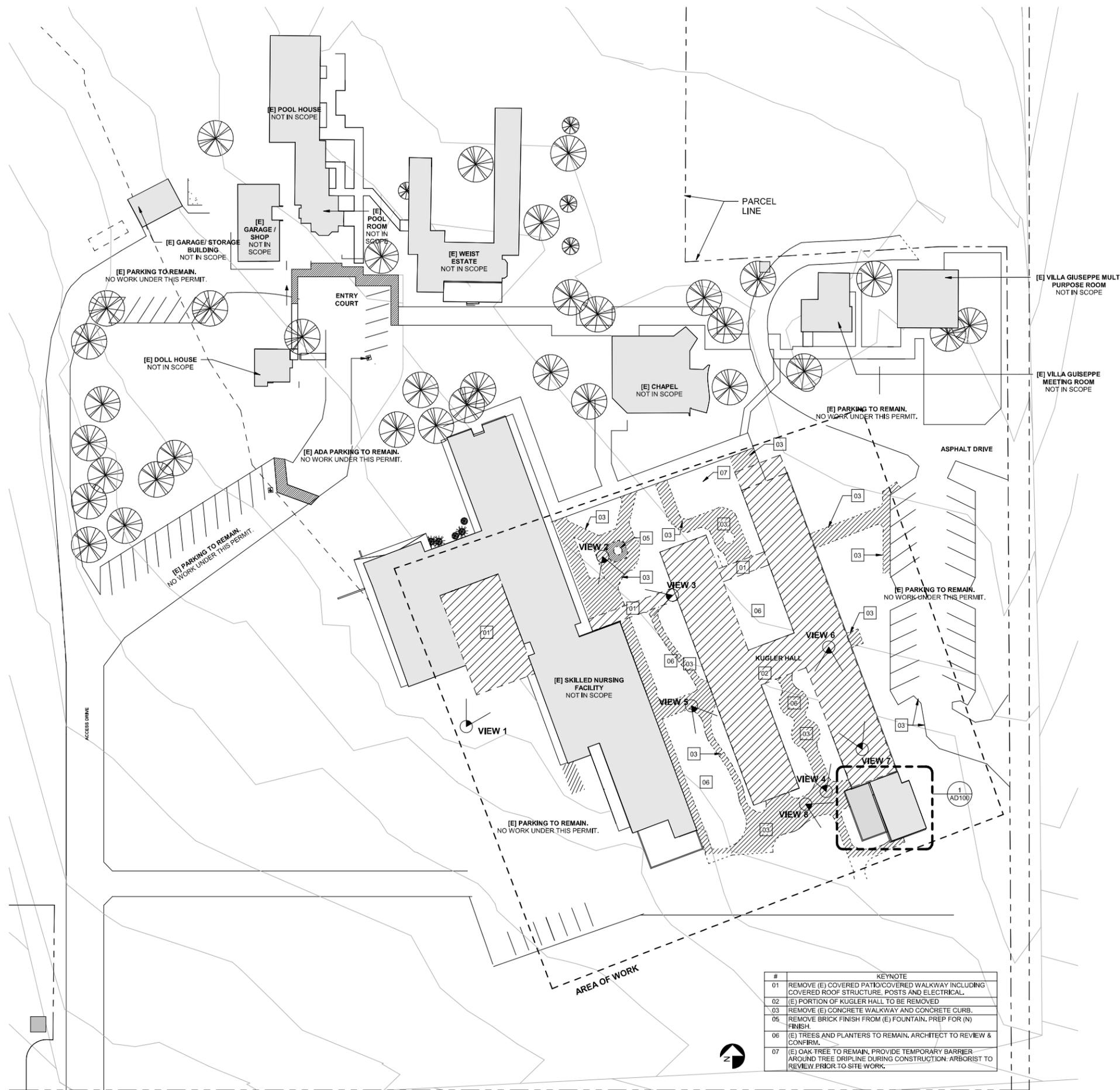
JENSEN DESIGN & SURVEY, INC.
 1672 DONLON STREET
 VENTURA, CALIF. 93003
 PHONE 805/654-6977
 FAX 805/654-6979
 www.jstch.com

SCALE: 1"=40'
 DATE: MARCH 26, 2021

J.N.: AGS26275
 DWG. NAME: 6275 ALTA.dwg

ALTA/NSPS SURVEY FOR
2464 E. OJAI AVENUE, LLC
ST. JOSEPH'S HEALTH AND RETIREMENT CENTER
City of Ojai
 COUNTY OF VENTURA STATE OF CALIFORNIA

SHEET 3 OF 3



#	KEYNOTE
01	REMOVE (E) COVERED PATIO/COVERED WALKWAY INCLUDING COVERED ROOF STRUCTURE, POSTS AND ELECTRICAL.
02	(E) PORTION OF KUGLER HALL TO BE REMOVED
03	REMOVE (E) CONCRETE WALKWAY AND CONCRETE CURB.
05	REMOVE BRICK FINISH FROM (E) FOUNTAIN. PREP FOR (N) FINISH.
06	(E) TREES AND PLANTERS TO REMAIN. ARCHITECT TO REVIEW & CONFIRM.
07	(E) OAK TREE TO REMAIN. PROVIDE TEMPORARY BARRIER AROUND TREE DRIPLINE DURING CONSTRUCTION. ARBORIST TO REVIEW PRIOR TO SITE WORK.

EXISTING PHOTOS



CARE CENTER - VIEW 1	N.T.S	2	CARE CENTER - VIEW 2	N.T.S	3
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CARE CENTER - VIEW 3	N.T.S	4	KUGLER HALL - VIEW 4	N.T.S	5
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KUGLER HALL - VIEW 5	N.T.S	6	KUGLER HALL - VIEW 6	N.T.S	7
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KUGLER HALL - VIEW 7	N.T.S	8	KUGLER HALL - VIEW 8	N.T.S	9
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SITE PLAN DIAGRAM - DEMO PERMIT	N.T.S	1
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PROJECT NAME
 OJAI PROJECT
 2464 E. OJAI AVENUE
 OJAI, CALIFORNIA 93023

OWNER
 2464 E. OJAI AVE. LLC

PROJECT NUMBER
 2106

ARCHITECT
BESTOR ARCHITECTURE
 2030 HYPERION AVE | LOS ANGELES, CA 190027
 323-666-9399

CONSULTANTS

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STRUCTURAL ENGINEER:
 GREER STRUCTURAL ENGINEERING
 971 CHELTENHAM ROAD
 SANTA BARBARA, CA 93105
 805.452.3031



SUBMITTAL RECORD
 03.29.2023 PERMIT SET

SCALE
 As indicated

DRAWING TITLE
 DEMO SITE PLAN

SHEET NUMBER

AD010

ABBREVIATIONS

Ø	Diameter	KP	King Post
A. B.	Anchor bolt	L	Angle
ADH	Adhesive	LBS	Pounds
ALT	Alternate	LLBB	Long Leg Back-to-Back
APPROX	Approximate, Approximately	LLH	Long Leg Horizontal
ARCH	Architectural	LLV	Long Leg Vertical
		LOC	Location
BLDG	Building	LONG	Longitudinal
BL'KG	Blocking	LSL	Laminated Strand Lumber
BM	Beam	LT	Light
BOT	Bottom	LVL	Laminated Veneer Lumber
BRG	Bearing		
BTWN	Between	MAX	Maximum
		MB	Machine Bolt
		MECH	Mechanical
CAL FRMG	California Framing	MFR	Manufacturer
CANT	Cantilever, Cantilevered	MIN	Minimum
CBC	California Building Code	MIR	Mirror
CFS	Cold-Formed Steel	MISC	Miscellaneous
CL	Center Line		
CLG	Ceiling	(N)	New
C.J.	Crack Control Joint	NOM	Nominal
CLR	Clear	NTS	Not to Scale
CJP	Complete Joint Penetration		
CMU	Concrete Masonry Unit	O.C.	On Center
COL	Column	OCC	Occur, Occurs
CONC	Concrete	OD	Outside Diameter
CONN	Connection	OP	Opposite
CONT	Continuous	OUTLKR	Outlooker
CSK	Countersink		
CTRD	Centered	PERP	Perpendicular
		PL	Plate
d	Penny (nail size)	PLF	Pounds per Linear Foot
DBL	Double	PLY	Plywood
DCK'G	Decking	PP	Partial (joint) Penetration
DET	Detail	PSL	Parallel Strand Lumber
DF	Douglas Fir	PTDF	Pressure Treated Douglas Fir
DIAG	Diagonal		
DIM	Dimension	REF	Refer
DIR	Direction	REINF	Reinforcement
DN	Down	REQD	Required
DWG	Drawing		
(E)	Existing	SCHED	Schedule
EA	Each	SEL	Select
E. F.	Each Face	SHT	Sheet
ELEV	Elevation	SHT'G	Sheathing
EMBD	Embedded	SIM	Similar
EMBT	Embedment	SIMP	Simpson (Strong-Tie Company, Inc.)
E. N.	Edge Nailing (of plywood)	S.O.G	Slab-on-Grade
ESR	Evaluation Service Report	SPEC	Specification
EQ	Equal	SS	Stainless Steel
E. W.	Each Way	STD	Standard
EXP	Expansion	STAG	Stagger or Staggered
EXT	Exterior	STRUCT	Structural
		S. W.	Shear Wall
FDN	Foundation		
FHWS	Flat Head Wood Screw	T&G	Tongue & Groove
FLR	Floor	THRU	Through
F.N.	Field Nailing	THRD	Threaded
FP	Full Penetration	TP	Top Plate
FRMG	Framing	TS	Tube Steel
FTG	Footing	TYP	Typical
		UNO	Unless Noted Otherwise
GA	Gauge		
GALV	Galvanized	VERT	Vertical
GL	Grid line		
GLB	Glu-Lam Beam		
		W/	With
HD	Hold-down	W/O	Without
HDG	Hot-dipped galvanized	WS	Wood screw
HDR	Header	WWF	Welded Wire Fabric
HORIZ	Horizontal		
HS	High Strength	XS	Extra Strong
HSS	Hollow Structural Steel	XXS	Double Extra Strong
HT	Height		
IBC	International Building Code		
ICF	Insulated Concrete Form		
ID	Inside Diameter		
INT	Interior		
INV	Inverted		

GENERAL

- Material and workmanship shall conform to the 2022 edition of the California Building Code and the requirements of the Contract Documents.
- Reference ASTM standards shall be the most current information as issued by the American Society for Testing and Materials.
- Structural Drawings shall be used in conjunction with Architectural Drawings. The Contractor shall verify all dimensions, elevations, and site conditions before starting work. Notify the Architect and Structural Engineer in writing of any discrepancies.
- The contractor is responsible for coordinating the work of all trades and shall assume complete responsibility for job site conditions and safety of personnel and property.
- The contractor shall supervise, direct the work, and shall be solely responsible for all construction means, methods, and procedures. Services provided by the Structural Engineer prior to, during, or after construction are performed solely for quality control and conformance with contract documents. The Structural Engineer does not guarantee or supervise the Contractor's performance.
- The Contractor shall retain a registered Civil Engineer for design of bracing and shoring as required.
- The contractor is solely responsible for providing a safe place to work and meeting the requirements of all applicable jurisdictions.
- Plan notes and details on the Structural Drawings shall take precedence over the General Notes and typical details. Typical Details shall be used only where applicable.
- Working dimensions shall not be scaled from Structural Drawings.

EXISTING CONSTRUCTION

- The contractor shall review as-built drawings and verify existing building prior to construction. The contractor shall notify the Architect of discrepancies before proceeding with work.
- The Contractor shall perform work with minimum inconvenience to the Owner.
- The contractor shall be responsible for damage caused during construction. Repair shall be made with similar materials and workmanship.
- The contractor shall verify the location of existing utilities before beginning work. Special care shall be taken to protect utilities that are to remain in service during construction.
- The contractor shall safely shore existing construction wherever existing supports are removed to allow the installation of the new work. All shoring methods and sequencing of demolition shall be specified by a licensed Structural Engineer to be retained by the Contractor. See specifications for detailed requirements.
- Cutting and removal of existing construction shall be performed with great care so not to jeopardize the structural integrity of the building. If structural, mechanical, electrical, or architectural elements not indicated for removal interfere with the new work, notify the Architect immediately.
- All removed material and debris, unless otherwise noted, shall be removed promptly from the site and disposed of in a legal manner.

SOIL & FOUNDATION

- Work shall conform to the requirements of the 2022 California Building Code Chapter 18 Soils & Foundations.
- Locate and protect existing utility lines to remain during and/or after construction.
- Notify the Architect and Structural Engineer of existing objects buried in soil that are not shown on plans.
- Bottom of footings shall be level. Footing elevation changes shall be made using footing steps.
- Remove loose soil and standing water from foundation excavations prior to placing concrete.
- Slope soil for water drainage away from perimeter of foundation during construction.
- Provide damp-proofing and water-proofing per 2022 CBC Section 1805.
- Concrete slabs-on-grade shall be underlain with vapor retarder membrane that conforms to ASTM E1745.
- Installation of vapor retarder shall conform to ASTM E1643. Use one layer of 10 mil or two layers of 6 mil minimum with seams overlapping 8" minimum. Vapor retarder membrane shall be embedded in 4" granular fill such as sand.

ICC REPORTS

- Engineered Lumber PSL and LSL shall be manufactured by Weyerhaeuser NR Company (ICC ES Report ESR-1387).
- Metal connectors shall be manufactured by Simpson Strong Tie with product evaluation reports as follows:
 - AC, CC, CCQ, PC Column Caps: ICC ES ESR-2604
 - CNW Couplers: ICC ES ESR-1161
 - CS Straps: ICC ES ESR-2105
 - HDU Hold-downs: IAPMO UES ER-124
 - LTP, A34, A35 Plates & Angles: ICC ES ESR-3096
 - LUS Hangers: ICC ES ESR-2549
 - SDS Screws: ICC ES ESR-2236

STRUCTURAL GENERAL NOTES

CAST-IN-PLACE CONCRETE

- Concrete shall conform to ASTM C94 and the requirements of ACI 318-14 Chapter 19 for normal weight concrete.
- Concrete mix design shall be prepared by designed by a qualified testing laboratory and shall be submitted to the Structural Engineer for review and approval.
- Minimum concrete compressive strength at 28 days shall be as follows:
 - Walls: 3,000 psi
 - Footings and slabs-on-grade: 2,500 psi
 - Piles: 3,500 psi
- Portland cement shall conform to ASTM C150, Type II, low alkali.
- Fly ash may be substituted for Portland cement up to 25% by weight. Fly ash shall conform to ASTM C618-12, Class F.
- Water-cement ratio shall not exceed 0.55.
- Aggregates shall conform to ASTM C33. Maximum aggregate size shall not exceed 1 inch.
- Admixtures, if required, shall be reviewed and approved by the Structural Engineer and shall be used in accordance with the manufacturer's recommendations.
- Ready-mix concrete shall be mixed and delivered in conformance with ASTM C94.
- Concrete slump shall not exceed 4 inches.
- Minimum concrete cover for reinforcing steel shall be as follows:
 - Cast against and permanently exposed to earth: 3 inches
 - Formed surfaces exposed to earth or weather: 2 inches
 - Slabs-on-grade, top & bottom cover: 1-1/2"
- All vertical surfaces of concrete above finished grade shall be formed.
- Sleeve and conduit placement in concrete footings and walls shall not be permitted unless approved by the Structural Engineer.
- Where concrete is cast against existing concrete, roughen contact surface to 1/4" amplitude. Surface shall be clear of laitance and debris prior to concrete pour.
- Where concrete is cast against existing masonry, roughen contact surfaces by light sandblasting. Surface shall be clear of laitance and debris prior to concrete pour.
- Foundation trenches shall be clear of debris and loose soil prior to concrete pour.
- Reinforcing steel, anchor bolts, dowels, and all steel connectors shall be tied securely in position prior to concrete pour.

REINFORCING STEEL

- Reinforcing steel shall conform to ASTM A615, Grade 60, deformed bars.
- Fabrication and placement of all reinforcing steel shall conform to the Concrete Reinforcing Steel Institute (CRSI) Manual of Standard Practice, 29th Edition (2018).
- Reinforcing to be welded shall conform to ASTM A706, Grade 60.
- Weld reinforcing steel in accordance with AWS D1.4 using E-80XX low hydrogen moisture resisting electrodes and qualified welders.
- Reinforcing steel shall be supported and tied securely to prevent displacement during concrete placement operations. Support device such as chairs, bolsters, spacers, and hangers may be used with spacing not to exceed 3'-0" on center.
- Field bending of reinforcing steel shall not be allowed.
- Lap splice in reinforcing steel shall be a minimum of 44 bar diameters but not less than 24 inches. Splicing of adjacent reinforcing steel shall be staggered where possible.
- All lap splices shall be Class B as defined by ACI 318-14. Minimum development lengths and lap splices for uncoated reinforcing steel shall conform to the following schedule:

REBAR DEVELOPMENT LENGTHS & CLASS B LAP SPLICES								
CONCRETE COMPRESSIVE STRENGTH	#3	#4	#5	#6	#7	#8	#9	#10
2,500 PSI	31"	41"	51"	61"	89"	102"	115"	127"
3,000 PSI	28"	38"	47"	56"	81"	93"	105"	116"
3,500 PSI	26"	35"	43"	52"	75"	86"	97"	108"
4,000 PSI	25"	33"	41"	49"	71"	81"	91"	101"
4,500 PSI	23"	31"	38"	46"	67"	76"	86"	95"
5,000 PSI	22"	29"	36"	44"	63"	72"	81"	90"

Calculated per ACI 318-14 Section 25.4.2 & Section 25.5.2.

CONCRETE ADHESIVE

- Concrete adhesive (epoxy) shall be either Simpson SET-XP (ICC ESR-2508 Concrete & UES ER-265 Masonry) or Hilti HIT-RE 500-SD (ICC ESR-2322).
- Special inspection shall be required for installation for installation of all epoxy anchors. Submit inspection report to the Architect or Structural Engineer.

POWDER ACTUATED FASTENERS

- All powder actuated fasteners shall be as manufactured by either of the following:
 - Hilti, Inc. Use and installation shall be in accordance with ICC-ES Report 2269.
 - ITW Ramset. Use and installation shall be in accordance with ICC-ES Report 2690.
- PDF driven into concrete base material shall be X-DNI type with P8 washer unless noted otherwise in the drawings. Length of fastener shaft shall be as required to penetrate 1/7" into the concrete base material. Minimum edge distance to any concrete material shall be 3" and minimum fastener spacing shall be 4".
- Installation of fasteners shall be in accordance with manufacturer's recommendations and ESR report 1663.

WOOD

- Dimensioned lumber shall be visually graded Douglas Fir-Larch per WCLIB and shall be surfaced dry with 19% moisture content maximum. Structural framing members shall be S4S and grade marked as follows unless noted otherwise:
 - 2x DF#2
 - 4x and larger DF#1
- Sheathing shall be APA rated, manufactured with exterior glue and shall conform to:
 - Voluntary product standard PS 1-09 for plywood.
 - Voluntary product standard PS 2-10 for OSB (oriented strand board).
- Engineered Lumber PSL, LVL, LSL, and TJI shall be manufactured by Weyerhaeuser NR Company.
- Use ASTM A307 machine bolts unless noted otherwise. Provide standard washers under nuts, bolt heads, and lag screws bearing on wood.
- Steel fasteners (nails, bolts, washers, nuts, etc.) in contact with preservative-treated wood members shall be of hot-dipped galvanized (conform to ASTM A153) or stainless steel.
- Lag screws shall be screwed, not driven, into wood member with pre-drilled holes. Holes for the threaded portion shall be no larger than the root diameter of the threads.
- Minimum nailing shall comply with table 2304.10.1 of the 2022 California Building Code. Use common wire nails.
- Report to Structural Engineer when fasteners cause splitting in wood framing member.
- Hardware connectors shall be Simpson Strong-Tie connectors or approved equal.
- Preservative for treated wood shall conform to American Wood Protection Association AWPA U1-17 standard.
- Sill plates in direct contact with concrete, masonry, or earth, shall be preservative-treated wood.
- Wood posts that bear directly on concrete shall be treated 6 inch minimum with preservative.
- Provide hot-dipped galvanized washers for all sill plate anchor bolts. Either 3"x3"x0.229" plate washer or Simpson BPS washer with standard cut washer is acceptable.
- Simpson hardware and fasteners in contact with preservative-treated sole plates shall be ZMax coated. All nails into treated members and sill plates shall be hot-dipped galvanized or Simpson ZMax coated.
- Provide face-nailed double studs under each support of beams unless noted otherwise.
- Notching of framing members shall not be permitted unless approved by the Structural Engineer. Do not over-cut at notches.
- All bolts shall be re-tightened just prior to covering of wall framing.
- Bolt holes at wood members shall not be more than 1/16" larger than the bolt diameter.
- Where stud walls connect with concrete or masonry walls, the end stud shall be attached with 1/2"x8" anchor bolt at top, bottom, and at 32" o.c. through-out.
- Provide continuous blocking for all joists and rafters at points of bearing. Where joist or rafter span exceeds eight (8) feet, provide cross-bridging not less than 2x4 or metal cross-bridging.
- Framing members exposed to view shall be Architectural Grade. Remove grade stamps prior to installation.
- Provide 1/8" gap at all adjoining plywood panel edges.
- Nailing shall have a minimum distance of 3/8" to edge of sheathing. Nail heads shall be flush with top surface of sheathing. Sinking nail heads is prohibited.
- Provide sheathing edge nailing around openings and along the full height of all wood posts and columns.
- Provide 2x4 flat blocking at all unsupported edges of plywood panel. T&G plywood may be used as an alternative to blocking.
- Where joist or rafter spacing exceeds 24 inches, block all sheathing edges with 2x4 flat.
- Minimum permissible size of sheathing is 24" by 24".

STRUCTURAL SPECIAL INSPECTIONS & TESTS

- Special inspections & tests shall conform to Chapter 17 of the 2022 California Building Code and the Ordinances as adopted by the City of Ojai.
- Independent testing agencies and special inspectors shall be retained by the Owner to perform tests and special inspections. The contractor shall provide samples and access to the agency and inspector as required.
- If initial tests performed by the Owner's testing agency reveal that any portion of the work does not comply with the contract documents, then additional tests, inspections, and necessary repairs will be made at the Contractor's expense.
- A certificate of satisfactory completion of work requiring special inspection must be completed and submitted to the Architect, the City of Ojai, and the Structural Engineer.
- Provide special inspection for the following:
 - Provide continuous special inspection for installation of epoxy anchors & rebars.

REFERENCE CODE & DESIGN STANDARDS

2022 CBC	California Building Code
ASCE 7-16	Minimum Design Loads & Associated Criteria for Buildings & Other Structures with Supplement No. 1
AWC NDS-2018	National Design Specification (NDS) for Wood Construction-with 2018 NDS Supplement
AWC SDPWS-2021	Special Design Provisions for Wind & Seismic

DESIGN PARAMETERS

Roof load:	
Dead load = 15 psf	
Live load = 20 psf	
Roof snow load:	
Flat roof snow load:	P _s = Not applicable
Snow exposure factor:	C _e = Not applicable
Snow load importance factor:	I = Not applicable
Thermal factor:	C _t = Not applicable
Slope factor:	C _s = Not applicable
Drift surcharge load:	P _d = Not applicable
Width of snow drift:	w = Not applicable
Wind Desgn Data:	
Basic Wind Speed:	V = 93 mph
Risk category:	II
Wind exposure:	C
Applicable Internal pressure coefficient:	N/A
Design wind pressure for components & cladding:	N/A
Earthquake Design Data:	
Risk category: II	
Seismic importance factor: 1.0	
Mapped spectral response accelerations: S _w = 1.829 S _v = 0.699	
Site class: D	
Design spectral response acceleration parameters: S _{DS} = 1.464	
Seismic Design Category: D	
Basic seismic-force-resisting system(s):	
Light-framed walls sheathed with wood structural panels	
Seismic response coefficient(s): C _s = 0.2928	
Response modification factor(s): R = 5.0	
Analysis procedure used:	Equivalent lateral force
Geotechnical Information:	
Design load-bearing value of soil: 1,000 psf (No Soil Report)	
Flood design data: Zone X, 0.2% Annual Chance Flood Hazard	

SHEET INDEX

S001	Structural General Notes & Abbreviations
S002	Structural Typical Details
S003	Kugler Hall - Foundation Plan & Roof Framing Plan
S004	Kugler Hall - Structural Details

PROJECT NAME
OJAI ARTS
2464 E. OJAI AVENUE
OJAI, CALIFORNIA 93023

OWNER
2464 E. OJAI AVE, LLC

PROJECT NUMBER
2106

ARCHITECT



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STRUCTURAL ENGINEER:
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SUBMITTAL RECORD
03.29.2023 PERMIT SET

SCALE

DRAWING TITLE

STRUCTURAL GENERAL NOTES & ABBREVIATIONS

SHEET NUMBER

S001



NOT USED

NOT USED