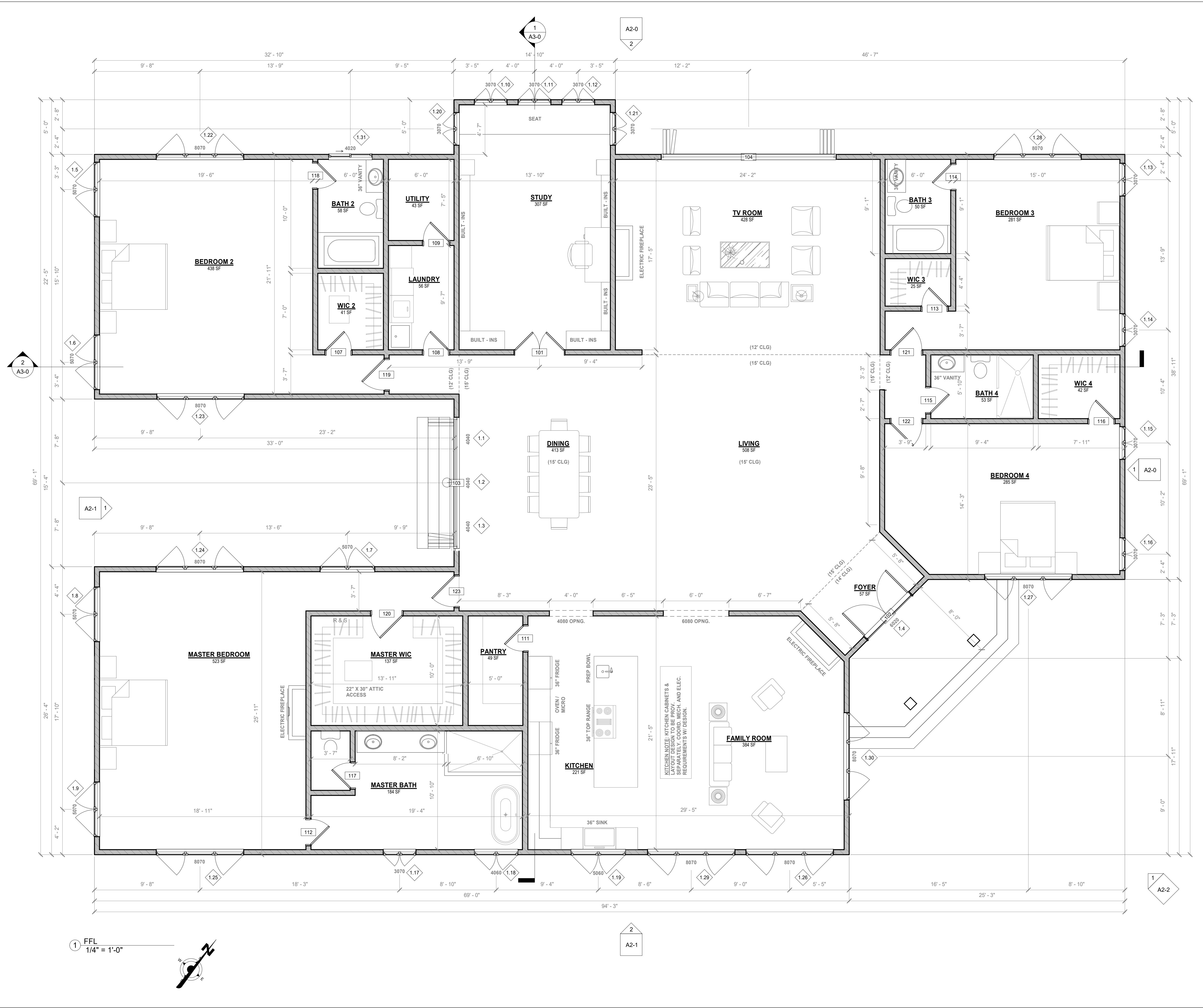


PROJECT DIRECTORY		PROJECT DATA		SHEET INDEX			
<div>OWNER: ASHUTOSH JHA 163 CROMART COURT SUNNYVALE, CA, 94087 (408) 316-3530 ASHUTOSHJHAJI@GMAIL.COM</div> <div>DESIGNER: KRISTEN LE 598 EAST SANTA CLARA ST, #270 SAN JOSE, CA, 95112 KLE@LCENGINEERING.NET</div> <div>ENGINEER: NAME ADDRESS PHONE #: EMAIL</div> <div>SURVEYOR / CIVIL ENGINEER: LCENGINEERING 598 E SANTA CLARA ST, #270 SAN JOSE, CA, 95112 (408) 806-7187 NLE@LCENGINEERING.NET</div>		<div>PROJECT ADDRESS & ZONING: ADDRESS: 0 WEST SAN MARTIN AVE., SAN MARTIN, CA, 95046-9444 APN#: 779-47-007 ZONING: HS-d1 LAND USE PLAN DESIGNATION: RURAL RESIDENTIAL</div> <div>PROJECT DESCRIPTION: 1. CONSTRUCTION OF A NEW 5,000 SF ONE-STORY RESIDENCE - 4 BDRM / 4 BATH 2. CONSTRUCTION OF A NEW DETACHED 1,317 SF 4-CAR GARAGE 3. CONSTRUCTION OF A NEW 1200 SF DETACHED ADU & ATTACHED 400 SF GARAGE 4. NEW PAVING AND HARDSCAPE. -SEE SITE PLAN FOR ADDITIONAL INFORMATION.</div> <div>OTHER INFO: HCP AREA: YES FIRE RESPONSIBILITY AREA: SRA (100%) WILDLAND URBAN INTERFACE (WUI): YES GEOHAZARDS: COUNTY LANDSLIDE ZONE COUNTY LIQUEFACTION ZONE NO HISTORIC PARCEL: NO FEMA FLOOD ZONE: D (93.5%), AE (5.8%)</div> <div>BUILDING CODE INFORMATION: OCCUPANCY TYPE: R-2 CONSTRUCTION TYPE: V STORIES: 1 TOTAL NEW FLOOR AREA (INCL. NEW GARAGE): MAIN HOUSE: 5,000 SF DETACHED GARAGE: 1,317 SF ADU: 1,200 SF ATTACHED GARAGE: 400 SF</div>		<div>PROPOSED FLOOR AREA: MAIN HOUSE: 5,000 SF ADU: 1,200 SF TOTAL LIVING AREA: 6,200 SF DETACHED GARAGE: 1,317 SF ATTACHED GARAGE: 400 SF TOTAL UNFINISHED AREA: 1,717 SF</div> <div>PROPOSED FLOOR AREA RATIO: TOTAL LIVING AREA: 6,200 SF COVERED PORCH: 200 SF TOTAL: 6,400 SF</div> <div>ZONING REQUIREMENTS: EXISTING LOT SIZE: 20 ACRES</div> <div>SETBACKS FOR MAIN RESIDENCE: SEE SITE PLAN FOR SETBACK REQUIREMENTS.</div> <div>PROPOSED BUILDING HEIGHT: 22'-10"</div> <div>FIRE SPRINKLERS REQUIRED: SPRINKLER SYSTEM DESIGN AND ENGINEERING SHALL BE SUBMITTED FOR APPROVALS PRIOR TO INSTALLATION. OBTAIN SEPARATE FIRE PERMIT. DESIGN AND INSTALL IN ACCORDANCE WITH CRC AND COUNTY OF SANTA CLARA RESIDENTIAL FIRE SPRINKLER SYSTEM REQUIREMENTS. COORDINATE WATER METER AND WATER MAIN SIZES WITH APPROVED FIRE SPRINKLER SHOP DRAWINGS.</div> <div>AS PROPERTY IS LOCATED WITHIN STATE RESPONSIBILITY AREA (SRA) AND WILDLAND URBAN INTERFACE (WUI), DEFENSIBLE SPACE ON PROPERTY MUST BE MAINTAINED.</div>		<div>A0-0 PROJECT INFORMATION A0-1 GENERAL NOTES A1-0 FLOOR PLAN A1-1 GARAGE PLANS A1-2 ROOF PLAN A2-0 ELEVATIONS A2-1 ELEVATIONS A2-2 GARAGE ELEVATIONS A3-0 SECTIONS A4-0 DOOR & WINDOW SCHEDULE A4-1 ROOM FINISH SCHEDULE A5-0 ELECTRICAL PLAN A6-0 MAIN HOUSE AXON VIEWS GA-0 ADU FLOOR PLAN GA-1 ADU ROOF PLAN GA-2 ADU ELEVATIONS GA-3 ADU SECTIONS GA-4 ADU ELECTRICAL PLAN</div> <div><div><div>◀</div><div>◀</div><div>◀</div><div>◀</div><div>◀</div><div>◀</div></div><div><div>◀</div><div>◀</div><div>◀</div><div>◀</div><div>◀</div><div>◀</div></div></div> <div><div>RELATIONS M. M. L.C. ENGINEER No. 47518 CIVIL STATE OF CALIFORNIA</div></div>	
LEGEND		ABBREVIATIONS		STAMPS - APPROVALS		GENERAL NOTES	
<div><div><div><div></div><div>(P) 5 1/2" STUD WALL</div></div><div><div></div><div>(P) 3 1/2" STUD WALL</div></div><div><div></div><div>(E) WALL TO REMAIN</div></div><div><div></div><div>(E) WALL TO BE REMOVED</div></div><div><div>①</div><div>DOOR SYMBOL, SEE SCHEDULE</div></div><div><div>①</div><div>WINDOW & SKYLIGHT SYMBOL, SEE SCHEDULE</div></div><div><div>1 A7-0</div><div>DETAIL NUMBER SHEET NUMBER</div></div><div><div>1 A101</div><div>ELEVATION NUMBER SHEET NUMBER</div></div><div><div>2 A6-0</div><div>SECTION NUMBER SHEET NUMBER</div></div><div><div>ROOM NAME 50 SF</div><div>ROOM NAME ROOM AREA</div></div><div><div>X</div><div>SPECIFIC OR KEY NOTE</div></div><div><div>X</div><div>REVISION</div></div><div><div>⊕</div><div>CENTER LINE</div></div><div><div>⊙</div><div>DATUM LINE</div></div></div></div>		<div><div><div><div>A.B. ANCHOR BOLT</div><div>ACOUS. ACOUSTICAL</div><div>A.D. AREA DRAIN</div><div>ADJ. ADJUSTABLE</div><div>A.F.F. ABOVE FINISHED FLOOR</div><div>AGGR. AGGREGATE</div><div>AL. ALUMINUM</div><div>ALT. ALTERNATE</div><div>APPROX. APPROXIMATE</div><div>ARCH. ARCHITECTURAL</div><div>ASPH. ASPHALT</div><div>BSMT. BASEMENT</div><div>BD. BOARD</div><div>BTWN. BETWEEN</div><div>BLDG. BUILDING</div><div>BLKG. BLOCKING</div><div>BM. BEAM</div><div>BN. BULLNOSE</div><div>BOT. BOTTOM</div><div>CAB. CABINET</div><div>C.B. CEILING BEAM OR CATCH BASIN</div><div>CEM. CEMENT</div><div>C.G. CORNER GUARD</div><div>C.J. CEILING JOIST</div><div>CLG. CEILING</div><div>CLKG. CAULKING</div><div>CLR. CLEAR</div><div>C.M.U. CONCRETE MASONRY UNIT</div><div>C.O. CLEAN OUT OR CASED OPENING</div><div>COL. COLUMN</div><div>CONC. CONCRETE</div><div>CONN. CONNECTION</div><div>CONSTR. CONSTRUCTION</div><div>CONT. CONTINUOUS</div><div>C.T. COLLAR TIE</div><div>C.W. COLD WATER</div><div>DBL. DOUBLE</div><div>DEPT. DEPARTMENT</div><div>DET. DETAIL</div><div>D.F. DOUGLAS FIR</div><div>DIA. DIAMETER</div><div>DIM. DIMENSION</div><div>DISP. DISPENSER</div><div>DN. DOWN</div><div>DR. DOOR</div><div>DS. DOWNSPOUT</div><div>DW. DISHWASHER</div><div>DWG. DRAWING</div><div>DWR. DRAWER</div><div>D. DRYER</div><div>E. EAST</div><div>EA. EACH</div><div>ELEC. ELECTRICAL</div><div>ELEV. ELEVATION</div><div>ELVR. ELEVATOR</div><div>EM/JP ELECTRICAL / MECHANICAL / PLUMBING</div><div>EMER. EMERGENCY</div><div>ENCL. ENCLOSURE</div><div>E.O.S. EDGE OF SLAB</div><div>E.P. ELECTRICAL PANEL</div><div>EQ. EQUAL</div><div>EQUIP. EQUIPMENT</div><div>EXH. EXHAUST</div><div>(E) OR EXIST. EXISTING</div><div>EXT. EXTERIOR</div><div>E.J. EXPANSION JOINT</div><div>F.A. FIRE ALARM</div><div>FAB. FABRICATE</div><div>F.A.U. FORCED AIR UNIT</div><div>F.O.C. FACE OF CURB</div><div>F.D. FLOOR DRAIN</div><div>FDN. FOUNDATION</div><div>F.E. FIRE EXTINGUISHER</div><div>F.E.C. FIRE EXTINGUISHER CABINET</div><div>F.F.E. FINISH FLOOR ELEVATION</div><div>F.G. FLOOR GIRDER</div><div>FIN. FINISH</div><div>FIXT. FIXTURE</div><div>FLASH FLASHING</div></div><div><div><div><div>F.L.R. FLUOR.</div><div>F.O.C. F.O.F.</div><div>F.O.S. F.P.</div><div>F.PRF. F.S.</div><div>(¹) OR FT. FTG.</div><div>FURN. FURN.</div><div>FURR. GAUGE</div><div>GA. GALVANIZED</div><div>GALV. GRAB BAR</div><div>GB. GARBAGE DISPOSAL</div><div>B.D. GLASS</div><div>G.L. GLUED LAMINATED BEAM</div><div>G.L.B. GROUND</div><div>GND. GRADE</div><div>GR. GALVANIZED SHEET METAL</div><div>G.S.M. GYPSUM BOARD</div><div>GYP.BD. H.B.</div><div>H.C. HOSE BIB</div><div>H.D. HOLLOW CORE</div><div>HDWR. HEAD</div><div>HORIZ. HARDWARE</div><div>HT. HORIZONTAL</div><div>HTR. HEIGHT</div><div>H.W. HEATER</div><div>HW.D. HOT WATER</div><div>HW.D. HARDWOOD</div><div>I.D. INSIDE DIAMETER</div><div>IN. OR (¹) INCH</div><div>INCL. INCLUDE</div><div>INSUL. INSULATION</div><div>INT. INTERIOR</div><div>INV. INVERT</div><div>J.H. JOIST HANGER</div><div>JST. JOIST</div><div>JT. JOINT</div><div>KD. KILN-DRIED</div><div>KIT. KITCHEN</div><div>K.P. KICK PLATE</div><div>LAM. LAMINATED</div><div>LAV. LAVATORY</div><div>LT. LIGHT</div><div>MAX. MAXIMUM</div><div>M.B. MACHINE BOLT</div><div>M.C. MEDICINE CABINET</div><div>MECH. MECHANICAL</div><div>MED. MEDIUM</div><div>MEMB. MEMBRANE</div><div>MEZZ. MEZZANINE</div><div>MFR. MANUFACTURER</div><div>MIN. MINIMUM</div><div>MIR. MIRROR</div><div>MISC. MISCELLANEOUS</div><div>M.O. MASONRY OPENING</div><div>MTD. MOUNTED</div><div>MTL. METAL</div><div>N. NORTH</div><div>(N) NEW</div><div>N.I.C. NOT IN CONTRACT</div><div>NO.OR # NUMBER</div><div>N.T.S. NOT TO SCALE</div><div>O/ OVER</div><div>O.A. OVERALL</div><div>OBS. OBSCURE</div><div>O.C. ON CENTER</div><div>O.D. OUTSIDE DIAMETER</div><div>OFF. (DIM.)</div><div>OH. OFFICE</div><div>OPNG. OVERHEAD</div><div>OPP. OPENING</div><div>OPPOSITE</div></div><div><div><div><div>PL. P.LAM.</div><div>PLAS. PLASTER</div><div>PLYWD. PLYWOOD</div><div>PR. PAIR</div><div>PRCST. PRE-CAST</div><div>PREFAB. PREFABRICATED</div><div>PROJ. PROJECT</div><div>PROP. PROPERTY</div><div>PT. POINT</div><div>P.T. PRESSURE-TREATED</div><div>PART. PARTITION</div><div>QUAL. QUALITY</div><div>R. RADIUS OR RISER</div><div>R.B. ROOF BEAM</div><div>R.D. ROOF DRAIN</div><div>REF. REFRIGERATOR</div><div>REQD. REQUIRED</div><div>RGTR. REGISTER</div><div>R.H. ROBE HOOK</div><div>RM. ROOM</div><div>R.O.W. RIGHT OF WAY</div><div>RWD. REDWOOD</div><div>R.W.L. RAIN WATER LEADER</div><div>S. SOUTH</div><div>S.C. SOLID CORE</div><div>SCHED. SCHEDULE</div><div>S.D. SOAP DISPENSER or SMOKE DETECTOR</div><div>SDG. SIDING</div><div>SECT. SECTION</div><div>SEL. SELECT</div><div>SH. SHELF OR SHELVING</div><div>SHWR. SHOWER</div><div>SHT. SHEET</div><div>SHTG. SHEATHING</div><div>SIM. SIMILAR</div><div>SK. SKYLIGHT</div><div>SPEC. SPECIFICATION [S]</div><div>SQ. SQUARE</div><div>S.S.T. STAINLESS STEEL</div><div>STD. STANDARD</div><div>STL. STEEL</div><div>STOR. STORAGE</div><div>STRUCT. STRUCTURAL</div><div>SURF. SURFACE</div><div>SYM. SYMBOL</div><div>SYS. SYSTEM</div><div>T.B.D. TO BE DETERMINED</div><div>T & B TOP & BOTTOM</div><div>T.B. TOWEL BAR</div><div>TEL. TELEPHONE</div><div>T.V. TELEVISION</div><div>THK. THICK (NESS)</div><div>THR. THROUGH</div><div>T.O.C. TOP OF CURB</div><div>T.O.P. TOP OF PLATE</div><div>T.O.W. TOP OF WINDOW</div><div>T.P.H. TOILET PAPER HOLDER</div><div>T. TREAD</div><div>TYP. TYPICAL</div><div>U.L. UNDERWRITER'S LABORATORIES</div><div>U.O.N. UNLESS OTHERWISE NOTED</div><div>URINAL</div><div>V.C.T. VINYL COMPOSITION TILE</div><div>(V) VERTICAL</div><div>VERT. VESTIBULE</div><div>VEST. VESTIBULE</div><div>V.P. VENT PIPE</div><div>W. WASHING MACHINE OR WEST OR</div><div>WIDTH</div><div>W/ WITH</div><div>W/O WITHOUT</div><div>W.C. WATER CLOSET</div><div>WOOD</div><div>W.H. WATER HEATER</div><div>WP. WATERPROOF</div><div>WS. WEATHERSTRIPPING</div><div>W.W.F. WELDED WIRE FABRIC</div><div>YD. YARD</div></div></div></div></div></div></div></div>		<div>1. ELECTRICAL, MECHANICAL, PLUMBING, STRUCTURAL STEEL FRAMING AND SUB-CONTRACTORS SHALL ACT IN DESIGN / BUILD CAPACITY. THEY SHALL PROVIDE, SEPARATELY, ANY DRAWINGS, SPECIFICATIONS, OR INFORMATION REQUIRED BY BUILDING DEPARTMENTS.</div> <div>2. ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH ALL LOCAL, COUNTY, STATE AND FEDERAL CODES. LOCAL ORDINANCES AND REGULATIONS APPLICABLE AS FOLLOWS:<ul style="list-style-type: none">CALIFORNIA BUILDING CODE 219 EDITION (CBC)CALIFORNIA PLUMBING CODE, 2019 EDITIONCALIFORNIA MECHANICAL CODE, 2019 EDITIONCALIFORNIA ELECTRICAL CODE, 2019 EDITIONCALIFORNIA EXISTING BUILDING CODE 2019 EDITIONCALIFORNIA FIRE CODE 2019 EDITIONINTERNATIONAL EXISTING BUILDING CODE 2019 EDITIONCALIFORNIA RESIDENTIAL CODE 2019 EDITIONCALIFORNIA GREEN BUILDING STANDARDS, (CALGREEN) 2019 EDITION (REFERRED TO AS CGBC)2019 CALIFORNIA ENERGY CODE, PART 6, TITLE 24SAN MARTIN MUNICIPAL CODE</div> <div>3. STRUCTURAL ENGINEER SHALL FIELD INSPECT FOUNDATION FOOTINGS AND WALLS PRIOR TO CONCRETE POUR AND ALL SHEAR WALLS, HOLD-DOWNS AND FRAMING</div> <div>4. ALL TELEPHONE, ELECTRIC WIRES, AND OTHER SUCH SERVICE FACILITIES TO NEW CONSTRUCTION SHALL MEET CITY REQUIREMENTS.</div> <div>5. ANY OMISSION, CONFLICT, OR AMBIGUITY FOUND IN THESE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH THE WORK</div> <div>6. ALL EQUIPMENT SHALL BE LISTED BY THE APPROVED LISTING AGENCY AND INSTALLED PER MANUFACTURER SPECIFICATIONS</div> <div>7. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CHECKING CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS FOR ACCURACY AND CONFIRMING THAT WORK IS BUILDABLE AS SHOWN BEFORE PROCEEDING WITH CONSTRUCTION. IF THERE ARE ANY QUESTIONS REGARDING THESE OR OTHER COORDINATION ISSUES, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE OWNER BEFORE PROCEEDING WITH WORK IN QUESTION.</div> <div>8. GENERAL CONTRACTOR SHALL VERIFY THAT NO CONFLICTS EXIST IN LOCATIONS OF ANY AND ALL MECHANICAL, TELEPHONE, ELECTRICAL, LIGHTING, PLUMBING, AND SPRINKLER EQUIPMENT (TO INCLUDE ALL PIPING, DUCTWORK AND CONDUIT) AND THAT ALL REQUIRED CLEARANCES FOR INSTALLATION AND MAINTENANCE OF FUTURE EQUIPMENT ARE PROVIDED.</div> <div>9. THE GENERAL CONTRACTOR SHALL COORDINATE THE LAYOUT AND EXACT LOCATION OF ALL PARTITIONING, DOORS, ELECTRICAL, TELEPHONE OUTLETS AND LIGHT SWITCHES WITH THE OWNER IN THE FIELD BEFORE PROCEEDING WITH CONSTRUCTION.</div> <div>10. DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN; VERIFY DIMENSIONS WITH FIELD CONDITIONS. IF DISCREPANCIES ARE DISCOVERED BETWEEN FIELD CONDITION AND DRAWINGS OR BETWEEN DRAWINGS, CONTACT LICENSED PROFESSIONAL OR DESIGNER FOR RESOLUTION BEFORE PROCEEDING.</div> <div>11. "TYPICAL" MEANS IDENTICAL FOR ALL SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.</div> <div>12. "SIMILAR MEANS COMPARABLE CHARACTERISTICS FOR THE ELVATION NOTED. VERIFY DIMENSIONS AND ORIENTATION ON PLAN."</div> <div>13. GENERAL CONTRACTOR AND SUBCONTRACTORS TO COORDINATE INSTALLATION OF N.I.C. ITEMS WITH OTHER TRADES.</div> <div>14. SEE ADDITIONAL NOTES ON INDIVIDUAL SHEETS. SEE ENLARGED DRAWINGS FOR ADDITIONAL DIMENSIONS.</div> <div>15. DETAIL INFORMATION. SEE ALSO DEMOLITION, FINISH, MECHANICAL, ELECTRICAL, PLUMBING, AND SPRINKLER NOTES.</div> <div>16. GENERAL CONTRACTOR TO SUBMIT REQUIRED SAMPLES, SHOP DRAWINGS, AND PRODUCT DATA TO OWNER FOR REVIEW PRIOR TO FABRICATION. ALLOW OWNER SUFFICIENT TIME TO REVIEW AND COMMENT. OWNER'S REVIEW WILL BE FOR CONFORMANCE WITH DESIGN CONCEPT ONLY.</div>			
VICINITY MAP		CERTIFICATIONS		STAMPS - APPROVALS		GENERAL NOTES	
		<div>1. "HERS" VERIFICATION REQUIRED FOR THE HVAC HEATING & COOLING, DISTRIBUTION, AND VAN SYSTEM. PROVIDE EVIDENCE OF 3RD PARTY VERIFICATION (VERs) TO BUILDING INSPECTOR PRIOR TO FINAL INSPECTION.</div> <div>2. VERIFICATION OF REPLACEMENT OF ALL EXISTING TO REMAIN NON-COMPLIANT PLUMBING FIXTURES WITH WATER-CONSERVING PLUMBING FIXTURES AS SPECIFIED IN CIVIL CODE SECTION 1101.1-1101.8 SHALL BE PROVIDED TO THE CITY BUILDING INSPECTOR, PRIOR TO FINAL INSPECTION. THIS REQUIREMENT APPLIES TO ALL EXISTING TO REMAIN PLUMBING FIXTURES LOCATED WITH THE STRUCTURE UNDER THE SCOPE OF THIS PERMIT.</div> <div>3. ALL ADHESIVES, SEALANTS, CAULKS, PAINTS, COATINGS, AND AEROSOL PAINT CONTAINERS MUST REMAIN ON THE SITE FOR FIELD VERIFICATION BY THE BUILDING INSPECTOR.</div> <div>4. PRIOR TO FINAL INSPECTION, A LETTER SIGNED BY THE GENERAL CONTRACTOR OF THE OWNER/BUILDER MUST BE PROVIDED TO THE CITY BUILDING OFFICIAL CERTIFYING THAT ALL ADHESIVES, SEALANTS, CAULKS, PAINTS, COATINGS, AEROSOL PAINTS AND AEROSOL COATINGS, CARPET SYSTEMS, RESILIENT FLOORING SYSTEMS, AND COMPOSITE WOOD PRODUCTS INSTALLED ON THIS PROJECT ARE WITHIN THE EMISSION LIMITS SPECIFIED IN CGBC SECTION 4.504.</div>		<div><div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div></div></div> <div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div><div>RELATIONS M. M. L.C. ENGINEER No. 47518 CIVIL STATE OF CALIFORNIA</div></div>			
PRELIMINARY		PROJECT INFORMATION		PROJECT INFORMATION		PROJECT INFORMATION	
A0-0		A0-0		A0-0		A0-0	
2/7/2022 4:52:42 PM		2/7/2022 4:52:42 PM		2/7/2022 4:52:42 PM		2/7/2022 4:52:42 PM	

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FLOOR PLAN NOTES

1. ALL WALLS DIMENSIONED TO FACE OF STUD.
- (P) 5 1/2" STUD WALL
(P) 3 1/2" STUD WALL
- TYPICAL EXTERIOR WALLS WITH STUCCO FINISH:** (6" WALLS) TO BE 2X6 STUDS @ 16" O.C. W/ DBL SILL PLATE AND DBL 2X6 TOP PLATES AS INDICATED ON STRUCTURAL PLANS, TYP., W/ 3-LAYER STUCCO FINISH, TYP.
- TYPICAL INTERIOR WALLS:** TO BE 2 X 4 STUDS @ 16" O.C. TYP., U.N.O. WITH 5/8" GYP. BD., EACH SIDE, PLASTER FINISH TYPICAL U.N.O.
- PROVIDE 2X6 PLUMBING WET WALLS AS REQUIRED.**
- GARAGE / RESIDENCE COMMON WALL AND CEILING -** PROVIDE A 5/8" GYPSUM BOARD FROM FLOOR TO UNDERSIDE OF ROOF SHEATHING (GARAGE MUST BE SEPARATED FROM THE DWELLING AND ITS ATTIC AREA) PROVIDE 5/8" TYPE 'X' GYPSUM BOARD AT ENTIRE GARAGE CEILINGS WITH HABITABLE ROOMS ABOVE AND 5/8" GYPSUM BOARD AT WALLS SUPPORTING THIS FLOOR/CEILING. FIRE SEPARATION PER CRC SEC 302.6. AND TABLE R302.6.
2. ALL TOILETS SHALL HAVE A MINIMUM CLEAR WIDTH OF 34".
- EGRESS WINDOW REQ.:**
- AN OPENING FOR EMERGENCY THAT IS AT LEAST 5.7 SF IN OPENING AREA
 - MINIMUM OPENING SIZE IS 20" WIDTH X 24" HIGH
 - HAVE EGRESS OPENING NO MORE THAN 44" A.F.F.
 - IN ORDER TO MEET THE REQUIRED 5.7 SF TOTAL, EITHER THE WIDTH OR HEIGHT, OR BOTH MUST EXCEED THE MINIMUM DIMENSION.

MH ROOM SCHEDULE	
NAME	AREA
FFL	
BATH 2	58 SF
BATH 3	50 SF
BATH 4	53 SF
BEDROOM 2	438 SF
BEDROOM 3	281 SF
BEDROOM 4	285 SF
DINING	413 SF
FAMILY ROOM	384 SF
FOYER	57 SF
KITCHEN	221 SF
LAUNDRY	56 SF
LIVING	508 SF
MASTER BATH	184 SF
MASTER BEDROOM	523 SF
MASTER WIC	137 SF
PANTRY	49 SF
STUDY	307 SF
TV ROOM	428 SF
UTILITY	43 SF
WIC 2	41 SF
WIC 3	25 SF
WIC 4	42 SF
	4585 SF
UNFINISHED	
GARAGE	1239 SF
	1239 SF
GRAND TOTAL	5824 SF

PRELIMINARY

PROPOSED HOUSE AND
DETACHED GARAGE

APN: 779 -47 - 007

A1-0

Ashutosh Jha
W SAN MARTIN AVE, SAN
MARTIN, CA, 95046-9444

ENGINEERING
598 E Santa Clara St. #270
San Jose, CA 95112
Phone: (408) 806-7167
Fax: (408) 553-4006

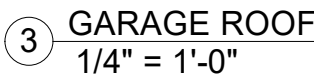
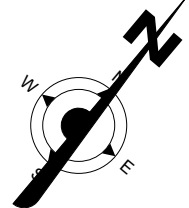
SAN MARTIN
Project No.:
Designed: KL
Checked: NL
Date: 8 / 30 / 2021
CALIFORNIA



REVISIONS

DATE

BY



GRAND TOTAL	4995 SF
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	110V DUPLEX RECEPTACLE 12" AFF
	GROUND FAULT CIRCUIT INTERRUPT
	110 V. DUPLEX RECEPTACLE WATERPROOF
	SINGLE POLE SWITCH w/ DIMMER
	THREE WAY SINGLE POLE SWITCH
	FOUR WAY SINGLE POLE SWITCH
	SINGLE POLE SWITCH
	CABLE TV OUTLET
	TELEPHONE OUTLET - CATV (12" AFF)
	GARBAGE DISPOSAL
	RECESSED LED FIXTURE
	READING LIGHT IN CEILING
	WALL-MOUNT LED
	CEILING MOUNT OR PENDANT FIXTUR
	2X4 GARAGE LED LIGHT
	SMOKE DETECTOR
	SMOKE/CARBON MONOXIDE ALARM

1. ALL EXTERIOR WALLS TO BE 2X6 WOOD STUDS @ 16" O.C. U.N.O.
2. ALL INTERIOR WALLS TO BE 2X4 WOOD STUDS @ 16" O.C. U.N.O.
3. PLUMBING WALLS TO BE 2X6 WOOD STUDS
4. INSULATE INTERIOR WALLS WITH R-13 MIN.
5. INSULATE EXTERIOR WALLS WITH R-19 MIN.
6. DIMENSIONS ARE TO FACE OF STUD OR CENTERLINE OF COLUMNS U.N.O. & TO CENTERLINE OF R.O. AT WINDOWS AND DOORS.
7. ALL WOOD IN CONTACT WITH CONCRETE TO BE PRESSURE TREATED
8. BATHTUB AND SHOWER FLOORS AND WALLS ABOVE BATHTUBS WITH SHOWERS AND SHOWER COMPARTMENTS SHALL BE FINISHED WITH A NONABSORBENT SURFACE TO A HEIGHT OF 6" ABOVE FINISHED FLOOR.
9. WATER CLOSET AND BIDET SHALL HAVE 15" TO ANY WALL OR OBSTRUCTION ON EACH SIDE OF ITS CENTERLINE AND 24" CLEAR SPACE IN FRONT.
10. VERIFY ALL INFORMATION SHOWN WITH CIVIL, STRUCTURAL, MEP AND OTHER DRAWINGS PRIOR TO CONSTRUCTION. IF DISCREPANCIES EXIST, CONSULT ARCHITECT AND ENGINEER.
11. ALL INTERIOR DOORS TO BE 1-3/4" THICK, SOLID CORE WOOD DOOR U.N.O.
12. PROVIDE SAFETY OR TEMPERED GLAZING IN ALL FIXED AND OPERABLE PANELS OF SWINGING, SLIDING AND BI-FOLD DOORS.

1. PROVIDE SMOKE ALARMS - HARD WIRED, INTERCONNECTED, BATTER BACKUP, AT EACH SLEEPING ROOM AND IMMEDIATE COMMON AREA OUTSIDE OF SLEEPING ROOMS, AND LOCATED AT NO MORE THAN 3 FT FROM A DOOR TO A BATHROOM WITH TUB OR SHOWER EXCEPT WHEN THIS REQUIREMENT WILL PREVENT THE INSTALLATION OF A SMOKE ALARM IN A REQUIRED LOCATION.
2. ALL RECEPTACLES IN BEDROOMS TO BE ACFI PROTECTED.
3. ALL RECEPTACLES IN BATHROOMS AND KITCHENS TO BE GFCI PROTECTED.
4. ALL OUTDOOR LIGHT FIXTURES TO BE WEATHERPROOF

PRELIMINARY



C ENGINEERING

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 Fax: (408) 583-4006

PROPOSED HOUSE AND
DETACHED GARAGE
APN: 779 -47 - 007

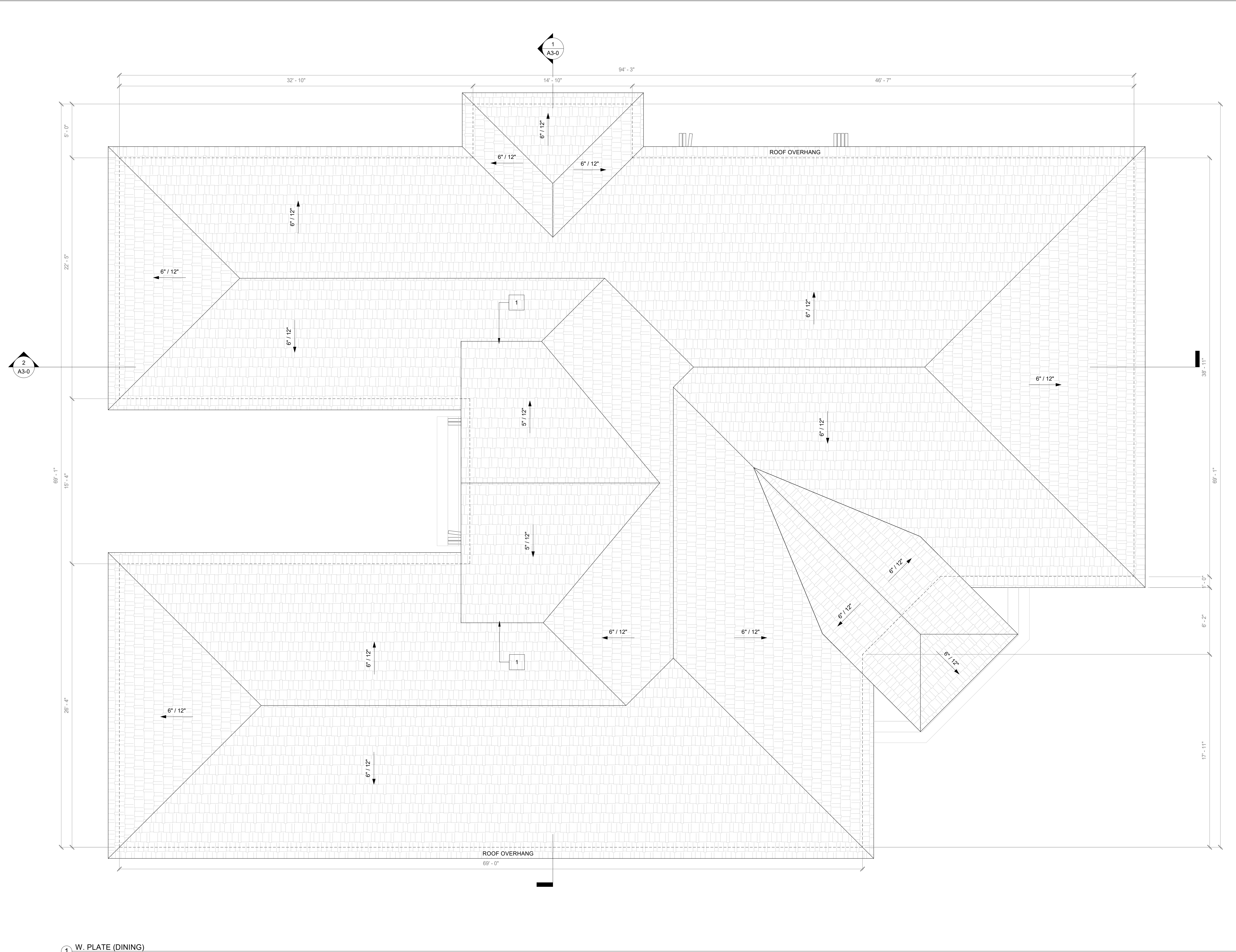
GARAGE PLANS

A1-1

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SAN MARTIN	Project No:	Designed: KL	Checked: NL	Date: 8 / 30 / 2021
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1 W. PLATE (DINING)
1/4" = 1'-0"

GENERAL NOTES

1. ROOF TO BE BUILT TO "CLASS A" FIRE RESISTANCE STANDARDS
2. ROOF COMPOSED OF ASPHALT SHINGLE OVER TWO LAYERS OF #30 FELT OVER PLYWOOD SHEATHING
3. ROOF OVERHANG 1' U.N.O.

1. ROOF CRICKET TO BE BUILT IN SPECIFIED ROOF VALLEYS WITH SLOPE WAY FROM HOUSE



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Designed: KL
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CALIFORNIA

ROOF PLAN

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PRELIMINARY



① MH FRONT ELEVATION
1/4" = 1'-0"

- TOR
22' - 8"
- W. PLATE (DINING)
15' - 0"
- W. PLATE (FOYER)
14' - 0"
- W. PLATE
12' - 0"
- HEADER (WINDOWS)
10' - 0"
- HEADER (DOORS)
8' - 0"
- FFL
0' - 0"



② MH RIGHT ELEVATION
1/4" = 1'-0"

- TOR
22' - 8"
- W. PLATE (DINING)
15' - 0"
- W. PLATE (FOYER)
14' - 0"
- W. PLATE
12' - 0"
- HEADER (WINDOWS)
10' - 0"
- HEADER (DOORS)
8' - 0"
- FFL
0' - 0"

GENERAL NOTES

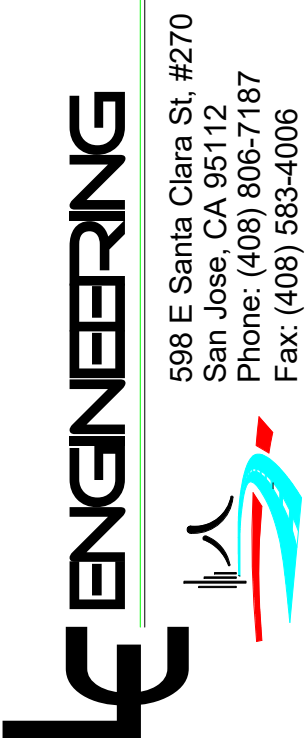
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SMOOTH STUCCO EXTERIOR W/
COLOR KEY TO THE CITY, BY BEHR.
LRV = 35



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PROPOSED HOUSE AND
DETACHED GARAGE

APN: 779 -47 - 007

ELEVATIONS

A2-0

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PRELIMINARY

TOR
22'-8"

W. PLATE (DINING)
15'-0"

W. PLATE (FOYER)
14'-0"

W. PLATE
12'-0"

HEADER (WINDOWS)
10'-0"

HEADER (DOORS)
8'-0"

FFL
0'-0"



① MH REAR ELEVATION
1/4" = 1'-0"

TOR
22'-8"

W. PLATE (DINING)
15'-0"

W. PLATE (FOYER)
14'-0"

W. PLATE
12'-0"

HEADER (WINDOWS)
10'-0"

HEADER (DOORS)
8'-0"

FFL
0'-0"



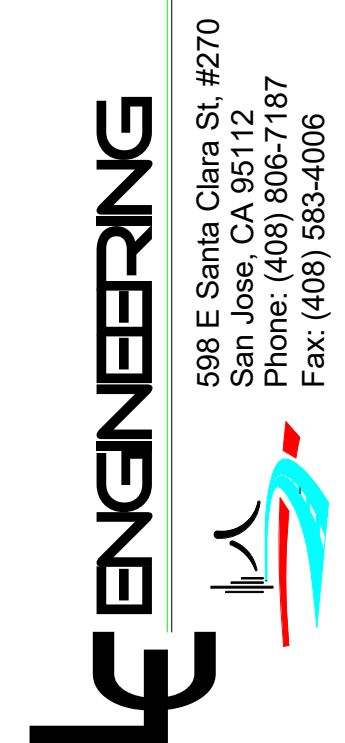
② MH LEFT ELEVATION
1/4" = 1'-0"

GENERAL NOTES

1 SMOOTH STUCCO EXTERIOR W/
COLOR KEY TO THE CITY, BY BEHR.
LRV = 35



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PROPOSED HOUSE AND
DETACHED GARAGE
APN: 779 -47 - 007

ELEVATIONS

A2-1

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TOR
22'-8"

W. PLATE (DINING)
15'-0"

W. PLATE (FOYER)
14'-0"

W. PLATE
12'-0"

HEADER (WINDOWS)
10'-0"

HEADER (DOORS)
8'-0"

FFL
0'-0"

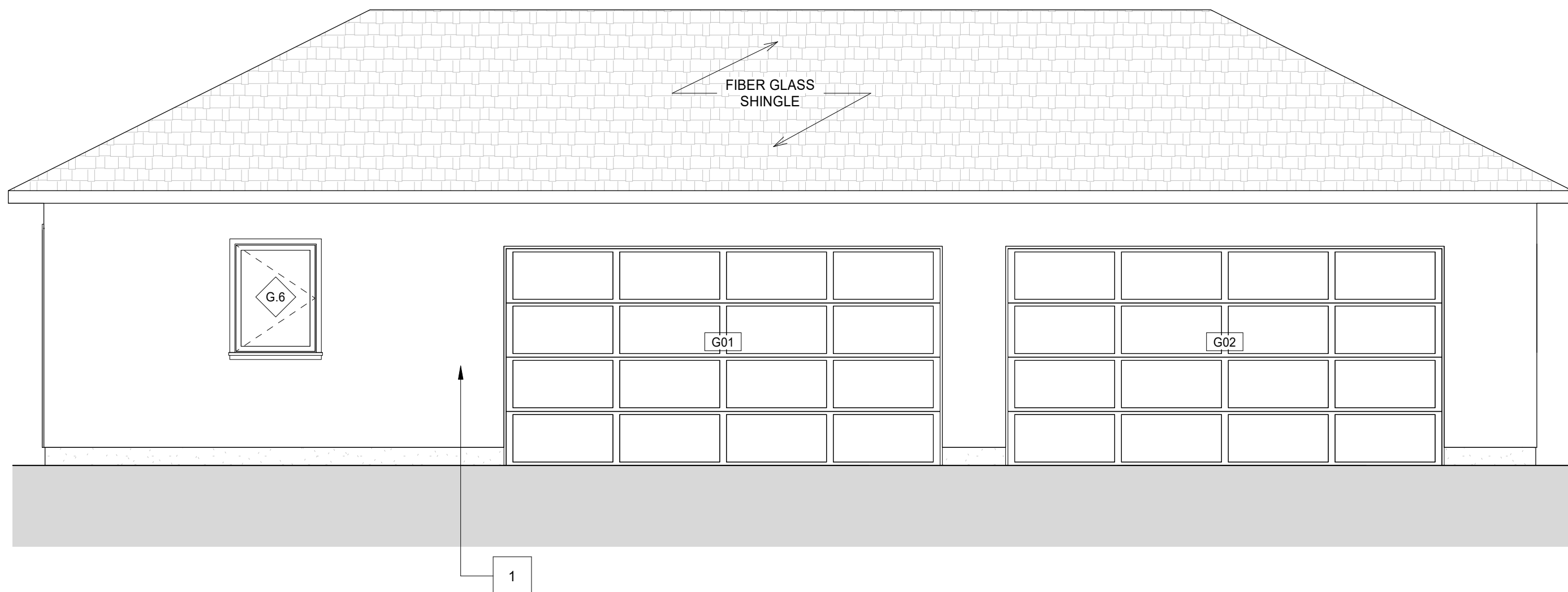


1 ENTRANCE ELEVATION
1/4" = 1'-0"

GARAGE TOR
16'-2"

GARAGE TOP
9'-0"

GARAGE FFL
0'-0"

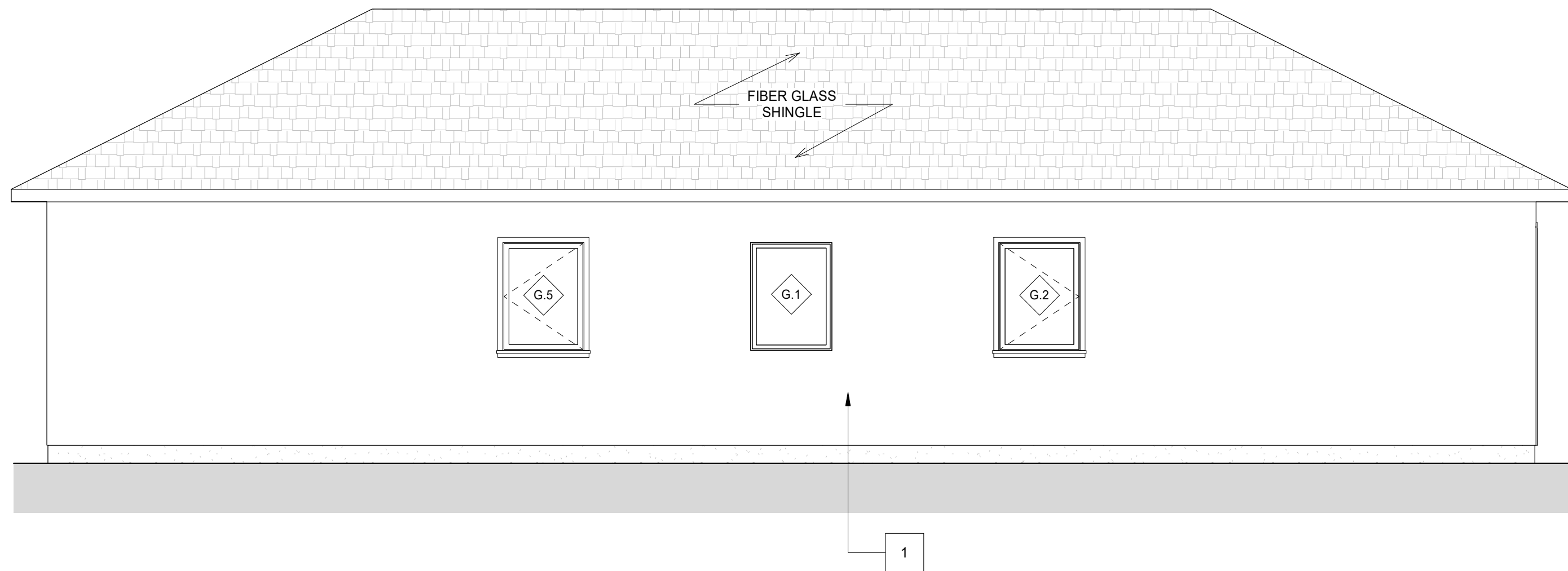


2 FRONT ELEVATION - GARAGE
1/4" = 1'-0"

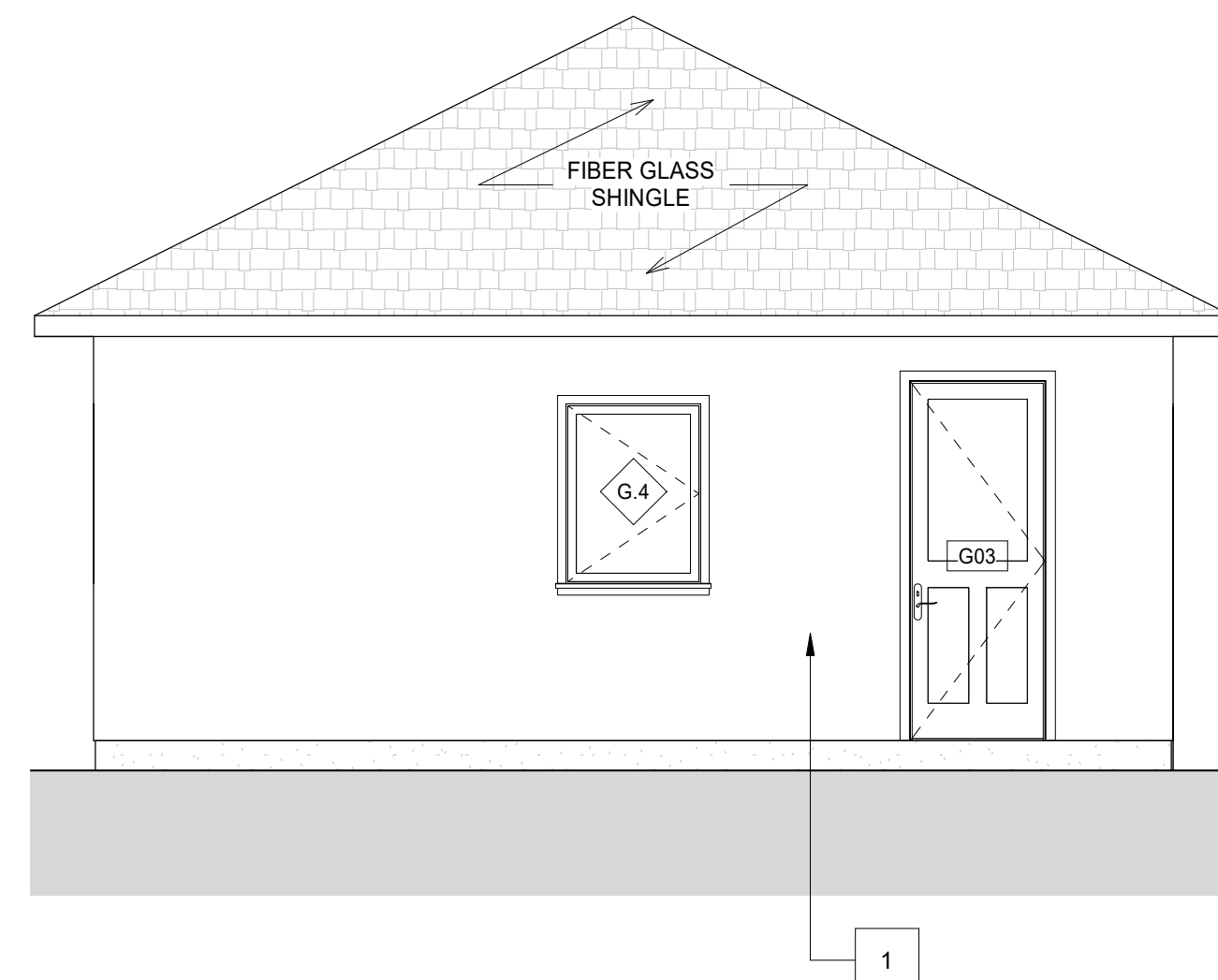
GARAGE TOR
16'-2"

GARAGE TOP
9'-0"

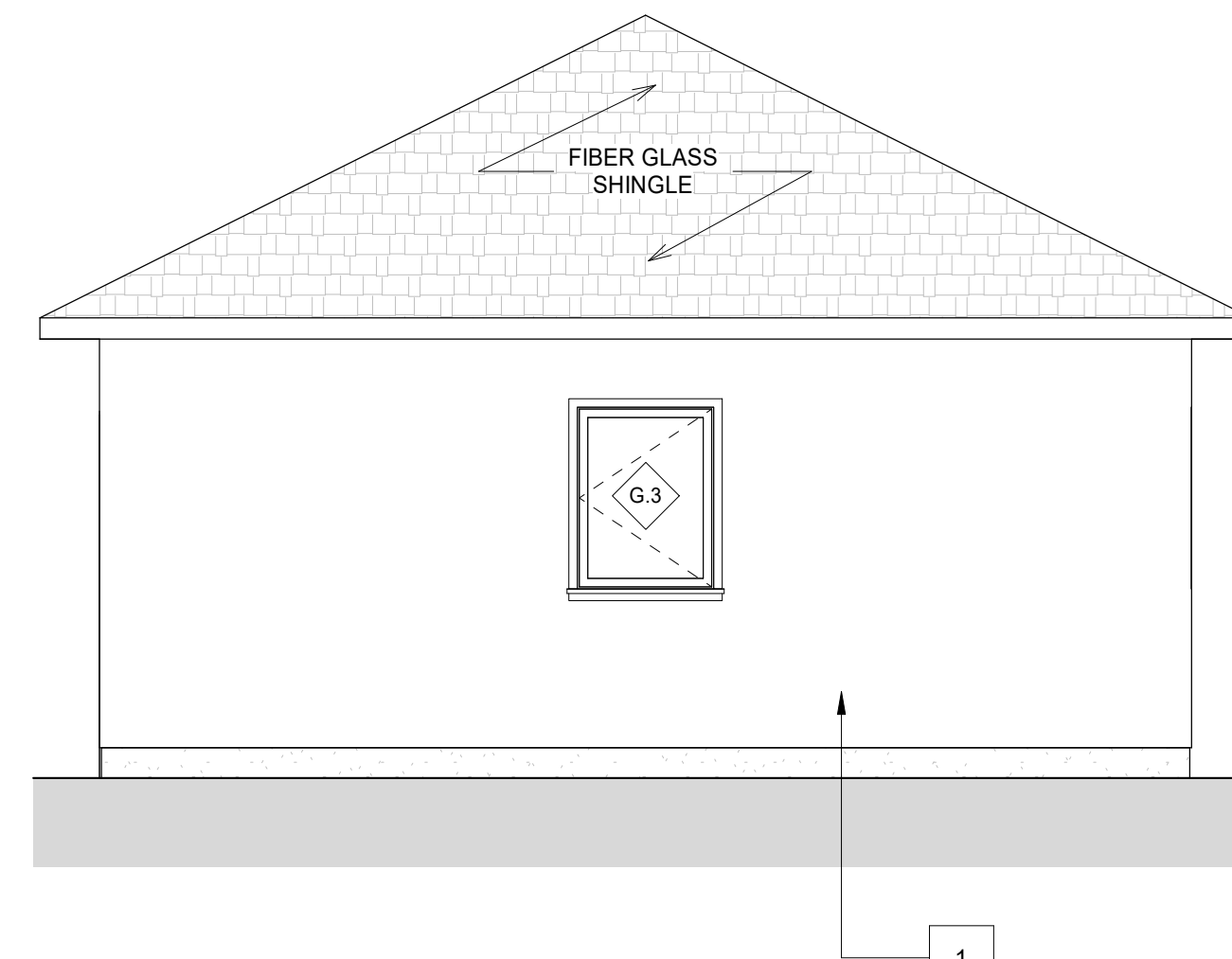
GARAGE FFL
0'-0"



3 REAR ELEVATION - GARAGE
1/4" = 1'-0"



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



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

GARAGE TOR
16'-2"

GARAGE TOP
9'-0"

GARAGE FFL
0'-0"

GARAGE TOR
16'-2"

GARAGE TOP
9'-0"

GARAGE FFL
0'-0"

GENERAL NOTES

- 1 SMOOTH STUCCO EXTERIOR W/
COLOR KEY TO THE CITY, BY BEHR.
LRV = 35



PRELIMINARY

PROPOSED HOUSE AND
DETACHED GARAGE

APN: 779 -47 - 007

GARAGE
ELEVATIONS

A2-2



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Date: 8 / 30 / 2021
CALIFORNIA

REVISIONS

DATE

BY

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TOR
22'-8"

W. PLATE (DINING)
15'-0"

W. PLATE (FOYER)
14'-0"

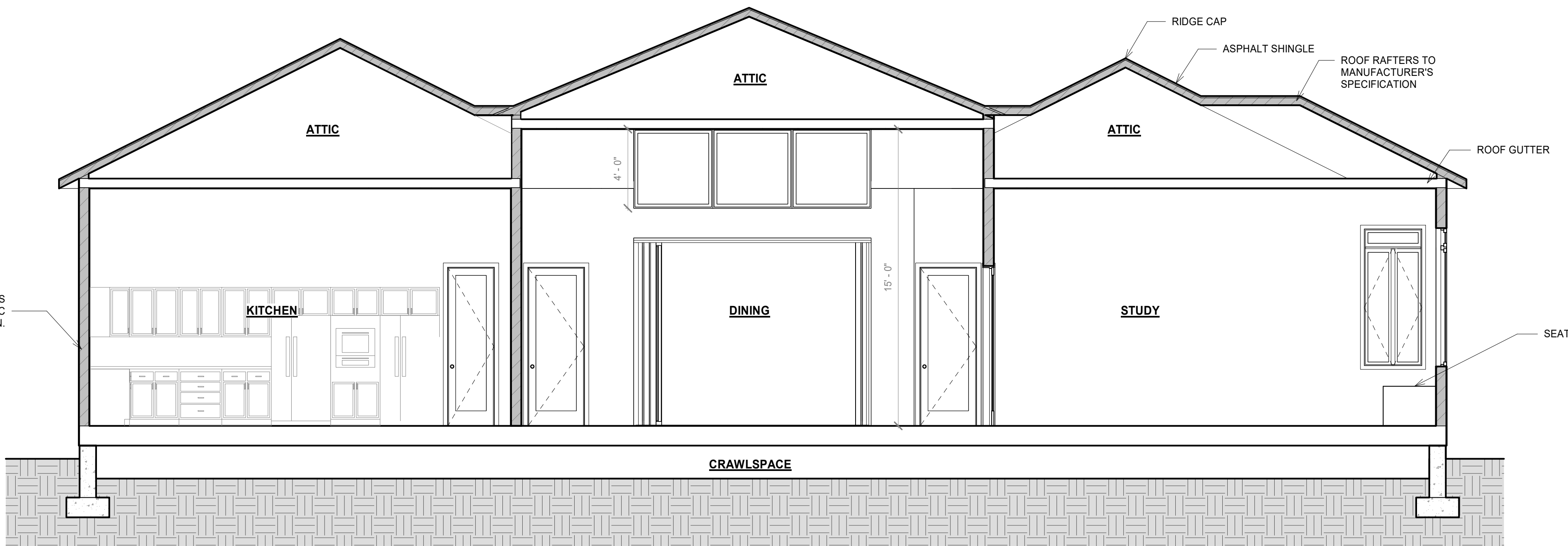
W. PLATE
12'-0"

HEADER (WINDOWS)
10'-0"

HEADER (DOORS)
8'-0"

FFL
0'-0"

2X6 WOOD STUDS
EXTERIOR WALLS @ 16" O.C
INSULATED WITH R-19 MIN.



SECTION 1
1/4" = 1'-0"

TOR
22'-8"

W. PLATE (DINING)
15'-0"

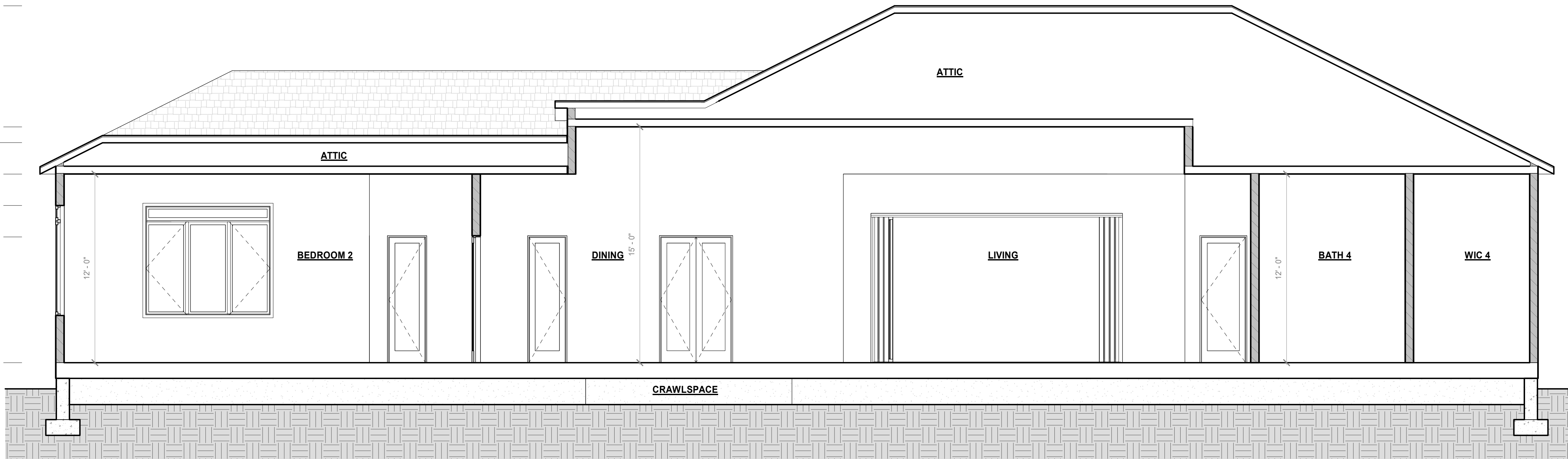
W. PLATE (FOYER)
14'-0"

W. PLATE
12'-0"

HEADER (WINDOWS)
10'-0"

HEADER (DOORS)
8'-0"

FFL
0'-0"



SECTION 2
1/4" = 1'-0"

SECTION NOTES

- THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE BEGINNING CONSTRUCTION
- SEE STRUCTURAL DRAWINGS AND DETAILS FOR CONSTRUCTION INFORMATION
 - SEE STRUCTURAL DRAWINGS FOR (E) WALL TO (P) WALL CONNECTION DETAILS
- SEE ARCHITECTURAL DETAILS FOR ADDITIONAL INFORMATION

FIRE BLOCKING: PROVIDE FIREBLOCKING PER C.R.C. SECTION R301.11 AT THE FOLLOWING COMBUSTIBLE CONSTRUCTION LOCATIONS:

- IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES AND PARALLEL ROWS OF STUDS, OR STAGGERED STUDS PER C.R.C. SECTION R302.11 AS FOLLOWS:
 - VERTICALLY AT THE CEILING AND FLOOR LEVELS.
 - HORIZONTALLY AT INTERVALS NOT EXCEEDING 10'.
 - AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES THAT OCCUR, SUCH AS AT SOFFITS, DROP CEILINGS, AND COVE CEILINGS PER C.R.C. SECTION R302.11.
 - IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN PER C.R.C. SECTION R302.11.
 - AT OPENINGS AROUND VENTS, PIPES, DUCTS, CABLES AND WIRES AT CEILINGS AND FLOOR LEVEL, WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME AND PRODUCTS OF COMBUSTION. THE MATERIAL FILLING THIS ANNULAR SPACE SHALL NOT BE REQUIRED TO MEET THE ASTM E 136 REQUIREMENTS.
 - FOR THE FIREBLOCKING OF CHIMNEYS AND FIREPLACES SEE C.R.C. SECTION R1003.19.
 - FACTORY BUILT FIREPLACES SHALL BE FIREBLOCKED IN ACCORDANCE WITH UL 103 AND UL 127 PER C.C. SECTION 717.2.5.1.
 - FIREBLOCKING OF CORNICES OF A TWO-FAMILY DWELLING IS REQUIRED AT THE LINE OF DWELLING UNIT SEPARATION.
 - WITHIN CONCEALED SPACES OF EXTERIOR WALL FINISH AND OTHER EXTERIOR ARCHITECTURAL ELEMENTS WHERE PERMITTED TO BE COMBUSTIBLE CONSTRUCTION PER C.B.C. SECTION 1406, OR WHERE ERRECTED WITH COMBUSTIBLE FRAMES AT MAXIMUM INTERVALS OF 20 FEET, SO THAT THERE WILL BE NO OPEN SPACE EXCEEDING 100 SQUARE FEET PER C.B.C. SECTION 717.26
 - WHERE WOOD FURRING STRIPS ARE USED, THEY SHALL BE ON AN APPROVED WOOD OF NATURAL DECAY RESISTANCE OR PRESERVATIVE-TREATED WOOD. IF CONTINUOUS, SUCH ELEMENTS SHALL HAVE CLOSED ENDS, WITH 4-INCH MINIMUM SEPARATION BETWEEN SECTIONS PER C.B.C. SECTION 717.2.6.
- EXCEPTIONS: (PER C.B.C. 717.2.6)**
- ALUMINUM HAVING A MINIMUM THICKNESS OF 0.019 INCH.
 - CORROSION-RESISTANT STEEL HAVING A BASE METAL THICKNESS NOT LESS THAN 0.016 INCH AT ANY POINT.
 - OTHER APPROVED NONCOMBUSTIBLE MATERIALS.



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PROPOSED HOUSE AND
DETACHED GARAGE
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SECTIONS

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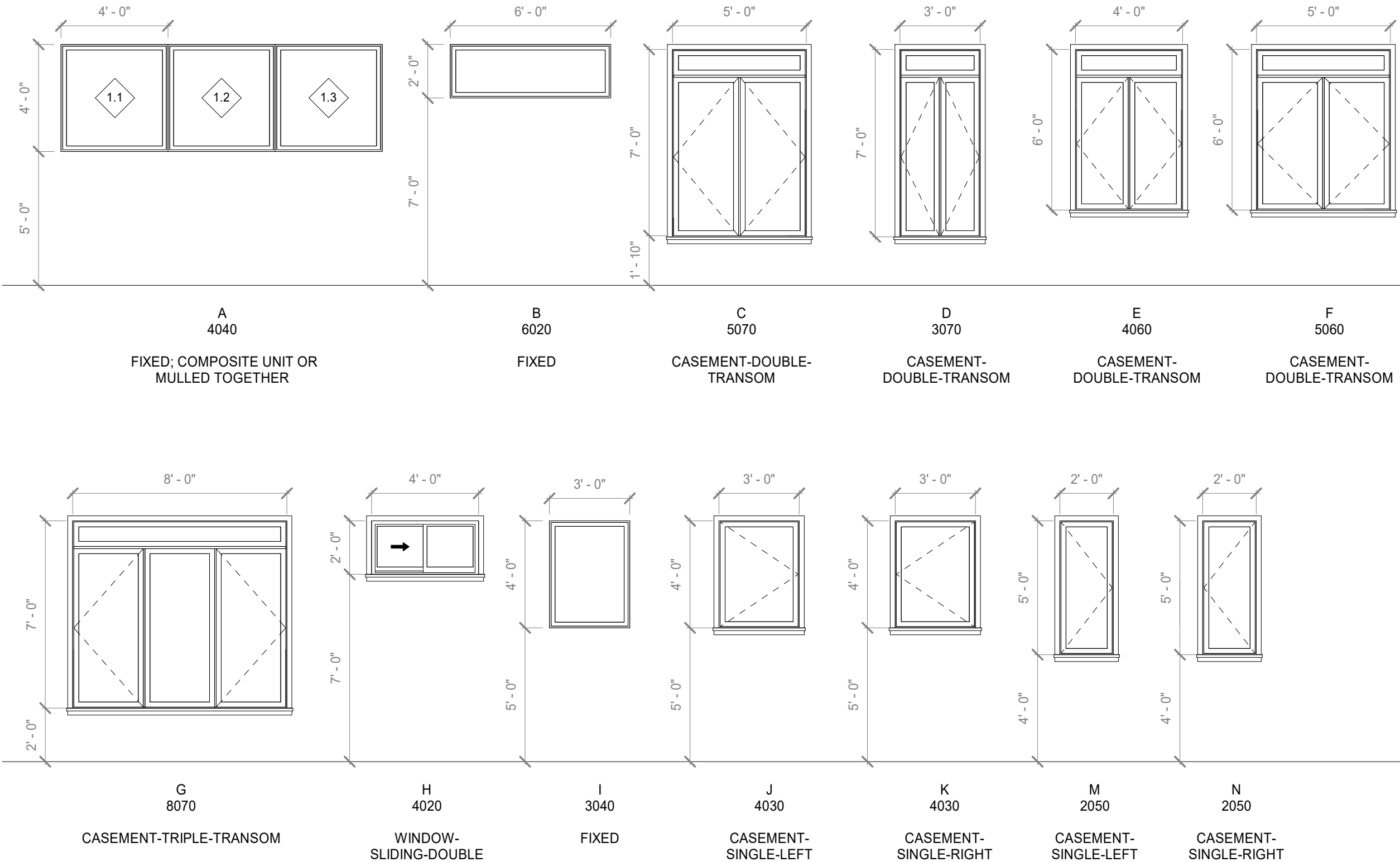
WINDOW SCHEDULE									
MARK	TYPE	STYLE	LOCATION	WIDTH	HEIGHT	HEAD	TEMPERED	REMARKS	

FFL									
1.1	A	Fixed: 4040	DINING	4'-0"	4'-0"	15'-0"		TRANSOM	
1.2	A	Fixed: 4040	DINING	4'-0"	4'-0"	15'-0"		TRANSOM	
1.3	A	Fixed: 4040	DINING	4'-0"	4'-0"	15'-0"		TRANSOM	
1.4	B	Fixed: 6020	FOYER	6'-0"	2'-0"	10'-0"		TRANSOM	
1.5	C	Window-Casement-Double-Transom: 5070	BEDROOM 2	5'-0"	7'-0"	10'-0"			
1.6	C	Window-Casement-Double-Transom: 5070	BEDROOM 2	5'-0"	7'-0"	10'-0"			
1.7	C	Window-Casement-Double-Transom: 5070	MASTER BEDROOM	5'-0"	7'-0"	10'-0"			
1.8	C	Window-Casement-Double-Transom: 5070	MASTER BEDROOM	5'-0"	7'-0"	10'-0"			
1.9	C	Window-Casement-Double-Transom: 5070	MASTER BEDROOM	5'-0"	7'-0"	10'-0"			
1.10	D	Window-Casement-Double-Transom: 3070	STUDY	3'-0"	7'-0"	10'-0"			
1.11	D	Window-Casement-Double-Transom: 3070	STUDY	3'-0"	7'-0"	10'-0"			
1.12	D	Window-Casement-Double-Transom: 3070	STUDY	3'-0"	7'-0"	10'-0"			
1.13	D	Window-Casement-Double-Transom: 3070	BEDROOM 3	3'-0"	7'-0"	10'-0"			
1.14	D	Window-Casement-Double-Transom: 3070	BEDROOM 3	3'-0"	7'-0"	10'-0"			
1.15	D	Window-Casement-Double-Transom: 3070	BEDROOM 4	3'-0"	7'-0"	10'-0"			
1.16	D	Window-Casement-Double-Transom: 3070	BEDROOM 4	3'-0"	7'-0"	10'-0"			
1.17	D	Window-Casement-Double-Transom: 3070	MASTER BATH	3'-0"	7'-0"	10'-0"			
1.20	D	Window-Casement-Double-Transom: 3070	STUDY	3'-0"	7'-0"	10'-0"			
1.21	D	Window-Casement-Double-Transom: 3070	STUDY	3'-0"	7'-0"	10'-0"			
1.18	E	Window-Casement-Double-Transom: 4060	MASTER BATH	4'-0"	6'-0"	10'-0"			
1.19	F	Window-Casement-Double-Transom: 5060	KITCHEN	5'-0"	6'-0"	10'-0"			
1.22	G	Window-Casement-Triple-Transom: 8070	BEDROOM 2	8'-0"	7'-0"	10'-0"		EGRESS	
1.23	G	Window-Casement-Triple-Transom: 8070	BEDROOM 2	8'-0"	7'-0"	10'-0"			
1.24	G	Window-Casement-Triple-Transom: 8070	MASTER BEDROOM	8'-0"	7'-0"	10'-0"			
1.25	G	Window-Casement-Triple-Transom: 8070	MASTER BEDROOM	8'-0"	7'-0"	10'-0"		EGRESS	
1.26	G	Window-Casement-Triple-Transom: 8070	FAMILY ROOM	8'-0"	7'-0"	10'-0"		EGRESS	
1.27	G	Window-Casement-Triple-Transom: 8070	BEDROOM 4	8'-0"	7'-0"	10'-0"		EGRESS	
1.28	G	Window-Casement-Triple-Transom: 8070	BEDROOM 3	8'-0"	7'-0"	10'-0"		EGRESS	
1.29	G	Window-Casement-Triple-Transom: 8070	FAMILY ROOM	8'-0"	7'-0"	10'-0"		EGRESS	
1.30	G	Window-Casement-Triple-Transom: 8070	FAMILY ROOM	8'-0"	7'-0"	10'-0"		EGRESS	
1.31	H	Window-Sliding-Double: 4020	BATH 2	4'-0"	2'-0"	10'-0"			
1.32	H	Window-Sliding-Double: 4020	BATH 3	4'-0"	2'-0"	10'-0"			

GARAGE FFL									
G.1	I	Fixed: 3040	GARAGE	3'-0"	4'-0"	7'-6"			
G.2	J	Window-Casement-Single_Left: 3040	GARAGE	3'-0"	4'-0"	7'-6"			
G.3	J	Window-Casement-Single_Left: 3040	GARAGE	3'-0"	4'-0"	7'-6"			
G.4	J	Window-Casement-Single_Left: 3040	GARAGE	3'-0"	4'-0"	7'-6"			
G.5	K	Window-Casement-Single_Right: 3040	GARAGE	3'-0"	4'-0"	7'-6"			
G.6	K	Window-Casement-Single_Right: 3040	GARAGE	3'-0"	4'-0"	7'-6"			

ADU FFL									
A.1	C	Window-Casement-Double-Transom: 5070	BEDROOM 2	5'-0"	7'-0"	9'-6"		EGRESS	
A.2	F	Window-Casement-Double-Transom: 5060	BEDROOM 3	5'-0"	6'-0"	9'-6"		EGRESS	
A.4	F	Window-Casement-Double-Transom: 5060	GREAT ROOM	5'-0"	6'-0"	9'-6"			
A.5	F	Window-Casement-Double-Transom: 5060	MASTER BEDROOM	5'-0"	6'-0"	9'-6"		EGRESS	
A.7	G	Window-Casement-Triple-Transom: 8070	GREAT ROOM	8'-0"	7'-0"	9'-6"			
A.8	G	Window-Casement-Triple-Transom: 8070	GREAT ROOM	8'-0"	7'-0"	9'-6"			
A.6	G	Window-Casement-Double-Transom: 1870	BATH	1'-8"	7'-0"	9'-6"			
A.9	L	Window-Casement-Single_Left: 2060	MASTER BEDROOM	2'-0"	5'-0"	9'-6"			
A.10	M	Window-Casement-Single_Right: 2060	MASTER BEDROOM	2'-0"	5'-0"	9'-6"			

Grand total: 47



DOOR SCHEDULE									
MARK	TYPE	DESCRIPTION	LOCATION	WIDTH	HEIGHT	SWING	TEMPERED	REMARKS	

FFL									
101	A	Hinged-Double	STUDY	4'-6"	8'-0"	N/A			
102	B	French + Transom	FOYER	5'-8"	8'-0"	N/A			
103	C	Door-NanaWall-NW-Aluminum-840	DINING	12'-0"	9'-6"	N/A			
104	D	Door-NanaWall-NW-Aluminum-840	TV ROOM	16'-0"	9'-6"	N/A			
107	E	Hinged-Single	WIC 2	2'-4"	8'-0"	RIGHT			
108	E	Hinged-Single	LAUNDRY	2'-4"	8'-0"	LEFT			
109	E	Hinged-Single	UTILITY	2'-4"	8'-0"	LEFT			
111	E	Hinged-Single	PANTRY	2'-4"	8'-0"	LEFT			
112	E	Hinged-Single	MASTER BATH	2'-4"	8'-0"	LEFT			
113	E	Hinged-Single	WIC 3	2'-4"	8'-0"	LEFT			
114	E	Hinged-Single	BATH 3	2'-4"	8'-0"	LEFT			
115	E	Hinged-Single	BATH 4	2'-4"	8'-0"	LEFT			
116	E	Hinged-Single	WIC 4	2'-4"	8'-0"	LEFT			
117	E	Hinged-Single	MASTER BATH	2'-4"	8'-0"	RIGHT			
118	E	Hinged-Single	BATH 2	2'-4"	8'-0"	RIGHT			
119	F	Hinged-Single	BEDROOM 2	2'-10"	8'-0"	LEFT			
120	F	Hinged-Single	MASTER WIC	2'-10"	8'-0"	RIGHT			
121	F	Hinged-Single	BEDROOM 3	2'-10"	8'-0"	RIGHT			
122	F	Hinged-Single	BEDROOM 4	2'-10"	8'-0"	LEFT			
123	F	Hinged-Single	MASTER BEDROOM	2'-10"	8'-0"	LEFT			

GARAGE FFL									
G01	G	Door-Garage-Embossed_Panel	GARAGE	16'-0"	8'-0"	N/A			
G02	G	Door-Garage-Embossed_Panel	GARAGE	16'-0"	8'-0"	N/A			
G03	H	Hinged-Single-Exterior	GARAGE	3'-0"	8'-0"	LEFT			

ADU FFL									
A01	E	Hinged-Single	BATH	2'-4"	8'-0"	RIGHT			
A02	E	Hinged-Single	MASTER BATH	2'-4"	8'-0"	LEFT			
A03	E	Hinged-Single	MASTER WIC	2'-4"	8'-0"	LEFT			
A04	F	Hinged-Single	BEDROOM 2	2'-10"	8'-0"	LEFT			
A05	F	Hinged-Single	BEDROOM 3	2'-10"	8'-0"	LEFT			
A06	G	Door-Garage-Embossed_Panel	ADU GARAGE	16'-0"	8'-0"	N/A			
A07	H	Hinged-Single-Exterior	ADU GARAGE	3'-0"	8'-0"	RIGHT			
A08	H	Hinged-Single-Exterior	GREAT ROOM	3'-0"	8'-0"	LEFT			
A09	H	Hinged-Single-Exterior	GREAT ROOM	3'-0"	8'-0"	RIGHT			
A10	I	Bifold-2 Panel	GREAT ROOM	4'-0"	8'-0"	LEFT			
A11	J	Hinged-Double	LAUNDRY	5'-0"	8'-0"	N/A			
A12	K	Hinged-Single	MASTER BEDROOM	2'-8"	8'-0"	RIGHT			
A13	L	Sliding-Double	BEDROOM 3	8'-0"	8'-0"	LEFT			
A14	M	Sliding-Double	BEDROOM 2	6'-0"	8'-0"	LEFT			
A15	N	Pocket-Single	BATH	2'-4"	8'-0"	LEFT			

Grand total: 38



DOOR SCHEDULE NOTES

- PRIOR TO ORDER, MODEL AND SIZE SHALL BE FIELD VERIFIED AND CONFIRMED BY OWNER AND ARCHITECT.
- PER CRC R302.5.1, DOORS INSTALLED BETWEEN THE DWELLING AN ATTACHED GARAGE SHALL BE SELF-CLOSING AND SELF-LATCHING. ADDITIONALLY, THEY SHOULD BE ONE OF THE FOLLOWING:
 - SOLID WOOD DOORS NOT LESS THAN 1-3/8" THICK
 - SOLID OR HONEYCOMBED CORE STEEL DOORS NOT LESS THAN 1-3/8" THICK
 - A 20-MINUTE FIRE RATED DOOR
- ALL GLASS IN EXTERIOR DOORS MUST HAVE TEMPERED GLASS, AND IN ALL FIXED AND OPERABLE PANELS OF SWINGS, SLIDING AND BIFOLD DOORS.
- HEADER HT. @ 8'-0", TYPICAL U.O.N. SEE EXTERIOR ELEVATIONS.

WINDOW SCHEDULE NOTES

- PRIOR TO ORDER, MODEL AND SIZE SHALL BE FIELD VERIFIED AND CONFIRMED BY OWNER AND ARCHITECT.
- ALL GLASS IN EXTERIOR WINDOWS MUST BE TEMPERED GLASS.
- ALL SKYLIGHT UNITS SHALL BE TESTED AND LABELED IN COMPLIANCE WITH AAMA / WDMA / CSA 101 / 1.S.2 / A440 PER CRC SECTION R308.6.9.
- ALL SKYLIGHT UNITS LOCATED ON A ROOF WITH SLOPE LESS THAN 3' / 12" MUST BE INSTALLED ON A 4" MINIMUM HIGH CURB.
- HEADER HT. @ 8'-0", TYPICAL U.O.N. SEE EXTERIOR ELEVATIONS.

PRELIMINARY

PROPOSED HOUSE AND
DETACHED GARAGE

APN: 779 -47 - 007

DOOR &
WINDOW
SCHEDULE

A4-0



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PROPOSED HOUSE AND
DETACHED GARAGE

APN: 779 -47 - 007

DOOR &
WINDOW
SCHEDULE

A4-0

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ROOM FINISH SCHEDULE

NAME	AREA	WALL MATERIAL	WALL FINISH	FLOOR FINISH	CLG MATERIAL	CEILING HEIGHT	CEILING FINISH	CLG COLOR	NOTES
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FFL										
BATH 2	58 SF	1/2" DRYWALL	SKIM COAT	TILE	1/2" DRYWALL	12' - 0"	SMOOTH	WHITE		
BATH 3	50 SF	1/2" DRYWALL	SKIM COAT	TILE	1/2" DRYWALL	12' - 0"	SMOOTH	WHITE		
BATH 4	53 SF	1/2" DRYWALL	SKIM COAT	TILE	1/2" DRYWALL	12' - 0"	SMOOTH	WHITE		
BEDROOM 2	438 SF	1/2" DRYWALL	SKIM COAT	HARDWOOD	1/2" DRYWALL	12' - 0"	SMOOTH	WHITE		
BEDROOM 3	281 SF	1/2" DRYWALL	SKIM COAT	HARDWOOD	1/2" DRYWALL	12' - 0"	SMOOTH	WHITE		
BEDROOM 4	285 SF	1/2" DRYWALL	SKIM COAT	HARDWOOD	1/2" DRYWALL	12' - 0"	SMOOTH	WHITE		
DINING	413 SF	1/2" DRYWALL	SKIM COAT	TILE	1/2" DRYWALL	15' - 0"	SMOOTH	WHITE		
FAMILY ROOM	384 SF	1/2" DRYWALL	SKIM COAT	TILE	1/2" DRYWALL	12' - 0"	SMOOTH	WHITE		
FOYER	57 SF	1/2" DRYWALL	SKIM COAT	TILE	1/2" DRYWALL	14' - 0"	SMOOTH	WHITE		
KITCHEN	221 SF	1/2" DRYWALL	SKIM COAT	TILE	1/2" DRYWALL	12' - 0"	SMOOTH	WHITE		
LAUNDRY	56 SF	1/2" DRYWALL	SKIM COAT	TILE	1/2" DRYWALL	12' - 0"	SMOOTH	WHITE		
LIVING	508 SF	1/2" DRYWALL	SKIM COAT	TILE	1/2" DRYWALL	10' - 0"	SMOOTH	WHITE		
MASTER BATH	184 SF	1/2" DRYWALL	SKIM COAT	HARDWOOD	1/2" DRYWALL	12' - 0"	SMOOTH	WHITE		
MASTER BEDROOM	523 SF	1/2" DRYWALL	SKIM COAT	HARDWOOD	1/2" DRYWALL	12' - 0"	SMOOTH	WHITE		
MASTER WIC	137 SF	1/2" DRYWALL	SKIM COAT	HARDWOOD	1/2" DRYWALL	12' - 0"	SMOOTH	WHITE		
PANTRY	49 SF	1/2" DRYWALL	SKIM COAT	HARDWOOD	1/2" DRYWALL	12' - 0"	SMOOTH	WHITE		
STUDY	307 SF	1/2" DRYWALL	SKIM COAT	HARDWOOD	1/2" DRYWALL	12' - 0"	SMOOTH	WHITE		
TV ROOM	428 SF	1/2" DRYWALL	SKIM COAT	HARDWOOD	1/2" DRYWALL	12' - 0"	SMOOTH	WHITE		
UTILITY	43 SF	1/2" DRYWALL	SKIM COAT	TILE	1/2" DRYWALL	12' - 0"	SMOOTH	WHITE		
WIC 2	41 SF	1/2" DRYWALL	SKIM COAT	HARDWOOD	1/2" DRYWALL	12' - 0"	SMOOTH	WHITE		
WIC 3	25 SF	1/2" DRYWALL	SKIM COAT	HARDWOOD	1/2" DRYWALL	12' - 0"	SMOOTH	WHITE		
WIC 4	42 SF	1/2" DRYWALL	SKIM COAT	HARDWOOD	1/2" DRYWALL	12' - 0"	SMOOTH	WHITE		

GARAGE FFL									
GARAGE	1239 SF	1/2" DRYWALL	SKIM COAT	CONCRETE	1/2" DRYWALL	9' - 0"	SMOOTH	WHITE	

ADU FFL									
ADU GARAGE	397 SF	1/2" DRYWALL	SKIM COAT	CONCRETE	1/2" DRYWALL	12" - 0"	SMOOTH	WHITE	
BATH	61 SF	1/2" DRYWALL	SKIM COAT	TILE	1/2" DRYWALL	11" - 0"	SMOOTH	WHITE	
BEDROOM 2	130 SF	1/2" DRYWALL	SKIM COAT	HARDWOOD	1/2" DRYWALL	11" - 0"	SMOOTH	WHITE	
BEDROOM 3	140 SF	1/2" DRYWALL	SKIM COAT		1/2" DRYWALL	11" - 0"	SMOOTH	WHITE	
GREAT ROOM	525 SF	1/2" DRYWALL	SKIM COAT	TILE	1/2" DRYWALL	11" - 0"	SMOOTH	WHITE	
LAUNDRY	17 SF	1/2" DRYWALL	SKIM COAT	TILE	1/2" DRYWALL	11" - 0"	SMOOTH	WHITE	
MASTER BATH	42 SF	1/2" DRYWALL	SKIM COAT	TILE	1/2" DRYWALL	11" - 0"	SMOOTH	WHITE	
MASTER BEDROOM	126 SF	1/2" DRYWALL	SKIM COAT	HARDWOOD	1/2" DRYWALL	11" - 0"	SMOOTH	WHITE	
MASTER WIC	34 SF	1/2" DRYWALL	SKIM COAT	HARDWOOD	1/2" DRYWALL	11" - 0"	SMOOTH	WHITE	

[illegible]

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PROPOSED HOUSE AND
DETACHED GARAGE
APN: 779 -47 - 007

SAN MARTIN	CALIFORNIA	
Project No:	Designed: KL	Checked: NL Date: 8 / 30 / 2021

ROOM FINISH SCHEDULE

A4-1

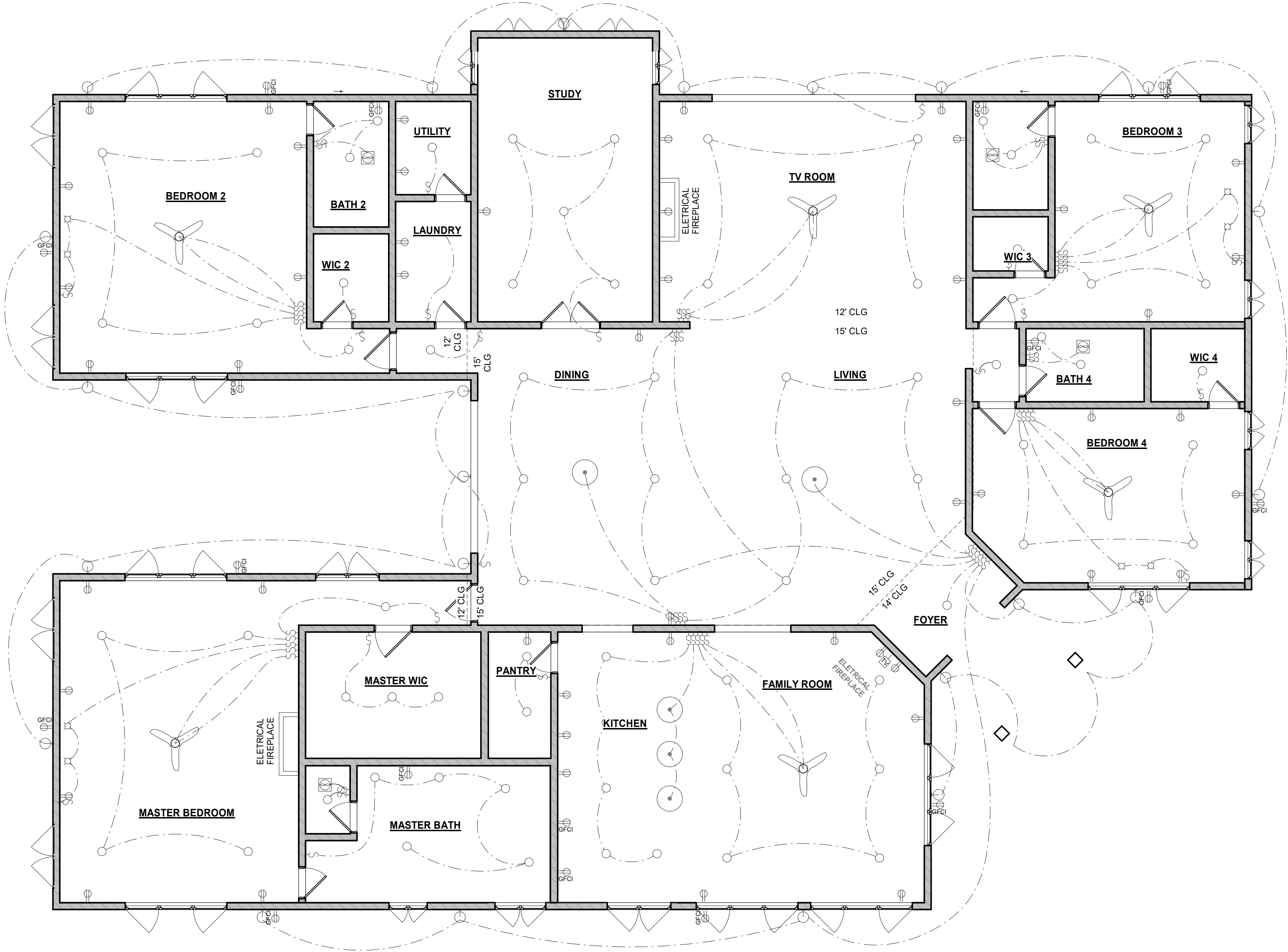
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PRELIMINARY

ELECTRICAL LEGEND

- 110V DUPLEX RECEPTACLE 12" AFF
- GROUND FAULT CIRCUIT INTERRUPT
- 110 V. DUPLEX RECEPTACLE
WATERPROOF
- SINGLE POLE SWITCH w/ DIMMER
- THREE WAY SINGLE POLE SWITCH
- FOUR WAY SINGLE POLE SWITCH
- SINGLE POLE SWITCH
- CABLE TV OUTLET
- TELEPHONE OUTLET - CATV (12" AFF)
- GARBAGE DISPOSAL
- RECESSED LED FIXTURE
- READING LIGHT IN CEILING
- WALL-MOUNT LED
- CEILING MOUNT OR PENDANT FIXTURE
- 2X4 GARAGE LED LIGHT
- SMOKE DETECTOR
- SMOKE/CARBON MONOXIDE ALARM
- EXHAUST FAN
- CEILING FAN W/ LIGHTING
- HOSE BIB
- GARAGE DOOR OPENER
- ELECTRIC METER
- GAS METER

1 FFL
3/16" = 1'-0"



NOTES:

1.

FOR ALL MECHANICAL, ELECTRICAL, & PLUMBING GENERAL NOTES, SEE GENERAL NOTES SHEET A0-1.
2.

FOR ALL CALGREEN NOTES AND TABLES, SEE GENERAL NOTES SHEETS[]
3.

FOR REFERENCE, PROVIDE ALL NEW PLUMBING FIXTURES AS PER TABLE BELOW.
4.

TANK-TYPE WATER CLOSETS AND SHOWERHEADS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE U.S. EPA WATER SENSE SPECIFICATION FOR TANK-TYPE TOILETS AND SHOWERHEADS, RESPECTIVELY.

- (P) 5 1/2" STUD WALL
- (P) 3 1/2" STUD WALL

ELECTRICAL NOTES:

- EXISTING OUTLETS TO REMAIN WHERE POSSIBLE.
- OUTLETS, TYPICAL:

UNLESS OTHERWISE NOTED, HEIGHT OF OUTLETS AND SWITCHES WILL BE AS FOLLOWS:
- OUTLETS:

CENTER 12" A.F.F. - COORDINATE WITH BASEBOARD HEIGHT AS NECESSARY.
- SWITCHES:

CENTER 48" A.F.F.
- BATHROOM EXHAUST FANS:

ENERGY STAR RATED AND DUCTED TO TERMINATE OUTSIDE.
- KITCHEN OUTLETS:

ABOVE COUNTER OUTLETS SHALL BE CENTERED 6" ABOVE COUNTER COORDINATE WITH BACK SPLASH AS NECESSARY.

BUT NOT MORE THAN 20" ABOVE THE COUNTERTOP (CEC SECTION 210.52(C)(5)) [CHECK THIS INFO]
- GENERAL:

1. ARC FAULT (AFCI) REQUIRED IN FAMILY RMS, DINING RMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUN ROOMS, REC RMS, CLOSETS, AND HALLWAYS AND LIGHTING. GROUND FAULT (GFCI) IS REQUIRED IN BATH RMS, GARAGES, ACCESSORY AREAS, EXTERIOR, CRAWLSPACES, BASEMENTS, DISHWASHERS, AND DISPOSALS. COMBINATION AFCI/GFCI IS REQUIRED IN KITCHENS, AND LAUNDRY AREAS. NOTE TO SHOW COMPLIANCE WITH ARC-FAULT AND GROUND FAULT OUTLETS PER ART. 210.12 AND 210.8 CEC 2019

2. ELECTRICAL OUTLETS IN SPACES SUCH AS BATHROOMS, LAUNDRY ROOMS, POWDER ROOMS, CRAWL SPACES, UNFINISHED BASEMENT, GARAGE, KITCHEN COUNTER, AND OUTSIDE ARE REQUIRED TO HAVE GFCI PROTECTION.
- ELECTRICAL NOTES:

1. ELECTICRAL CONTRACTOR IS RESPONSIBLE FOR A COMPLETE INSTALLATION TO CODE, INCLUDING ANY MATERIAL NOT INCLUDED ON DRAWINGS NECESSARY FOR CODE COMPLIANCE.

2. ELECTRICAL CONTRACTOR TO COORDINATE DRILLING FOR ELECTRICAL RUNS WITH G.C.

3. VERIFY ALL LOCATIONS OF LGHTS/OUTLETS WITH OWNER/ARCHITECT PRIOR TO PULLING WIRE TO DEVICES. CONTRACTOR IS RESPONSIBLE FOR SIZING AND INSTALLING ALL ELECTRICAL SERVICE ACCORDING TO LOADS OF EQUIPMENT REQUIRED AND ACCORDING TO N.E.C.

5. VERIFY FIXTURE SUBSTITUTIONS WITH ARCHITECT.

6. DUPLEX RECEPTACLES TO BE GFI WHERE REQUIRED BY CODE.

7. INSTALL WIRES IN CONDUIT WHERE REQUIRED BY CODE.

8. ALL EXISTING OUTLETS NEED TO BE GROUNDED

9. PROVIDE LIGHT FIXTURES IN TUB/SHOWER ENCLOSURES ARE LABELED "SUITABLE FOR DAMP LOCATIONS"

10. ALL RECESSED LIGHT FIXTURES SHALL BE IC RATED OR FIXTURES NOT IDENTIFIED FOR CONTACT WITH INSULATION SHALL HAVE ALL RECESSED PARTS SPACED AT LEAST 1/2" FROM COMBUSTIBLE MATERIALS AND 3" FROM THERMAL INSULATION. RECESSED CANS SHALL ALSO BE AIR-TIGHT RATED.

FIRE / SAFETY REQ.:

- FIRE ALARMS SHOULD BE LISTED AS COMPLYING WITH UL217 AND BE INSTALLED & MAINTAINED IN ACCORDANCE WITH NFPA 72 & MANUF. INSTRUCTION

ASHRAE 62.2 COMPLIANCE NOTES:

- ALL BATHROOM FANS ARE INTERMITTENTED @ REQ. 50 CFM MIN. W/ HUMIDITY CONTROL.
- KITCHEN HOOD FAN IS 100 CFM. MIN.
- HVAC FILTER IS MERV 6 MIN., 1" THICK W/ MAX. 0.1" W.C. PRESSURE DROP



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PROPOSED HOUSE AND DETACHED GARAGE

APN: 779 -47 - 007

ELECTRICAL PLAN

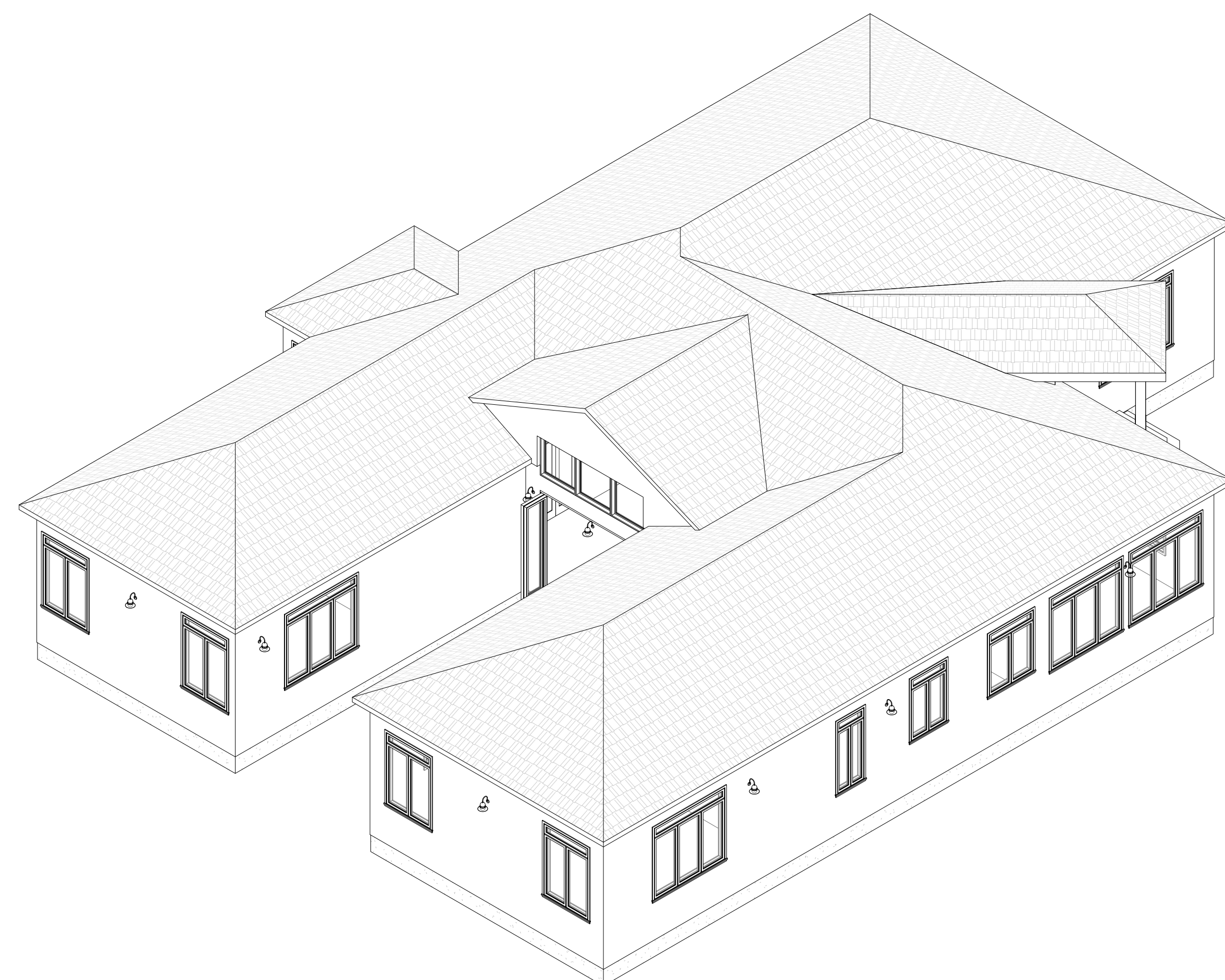
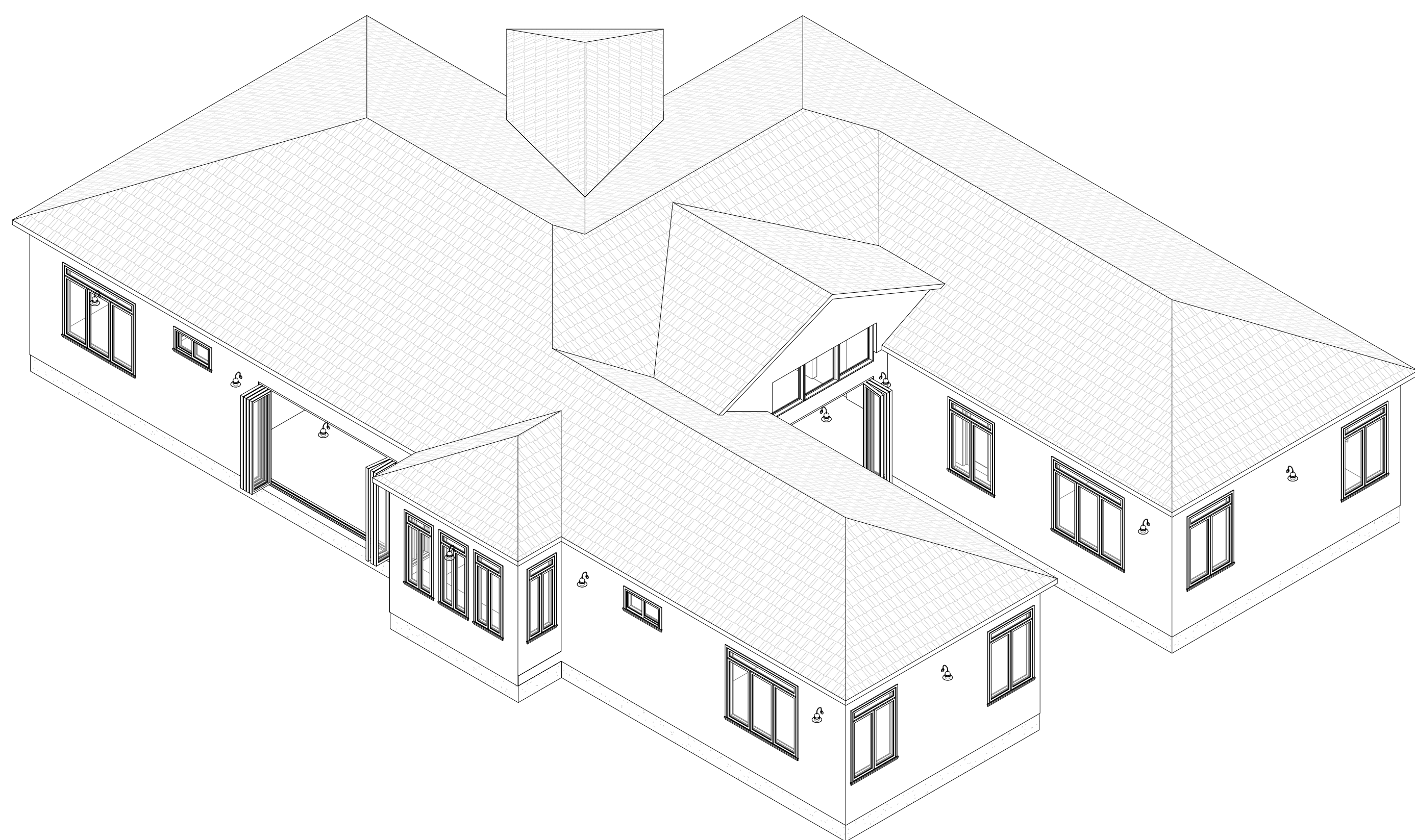
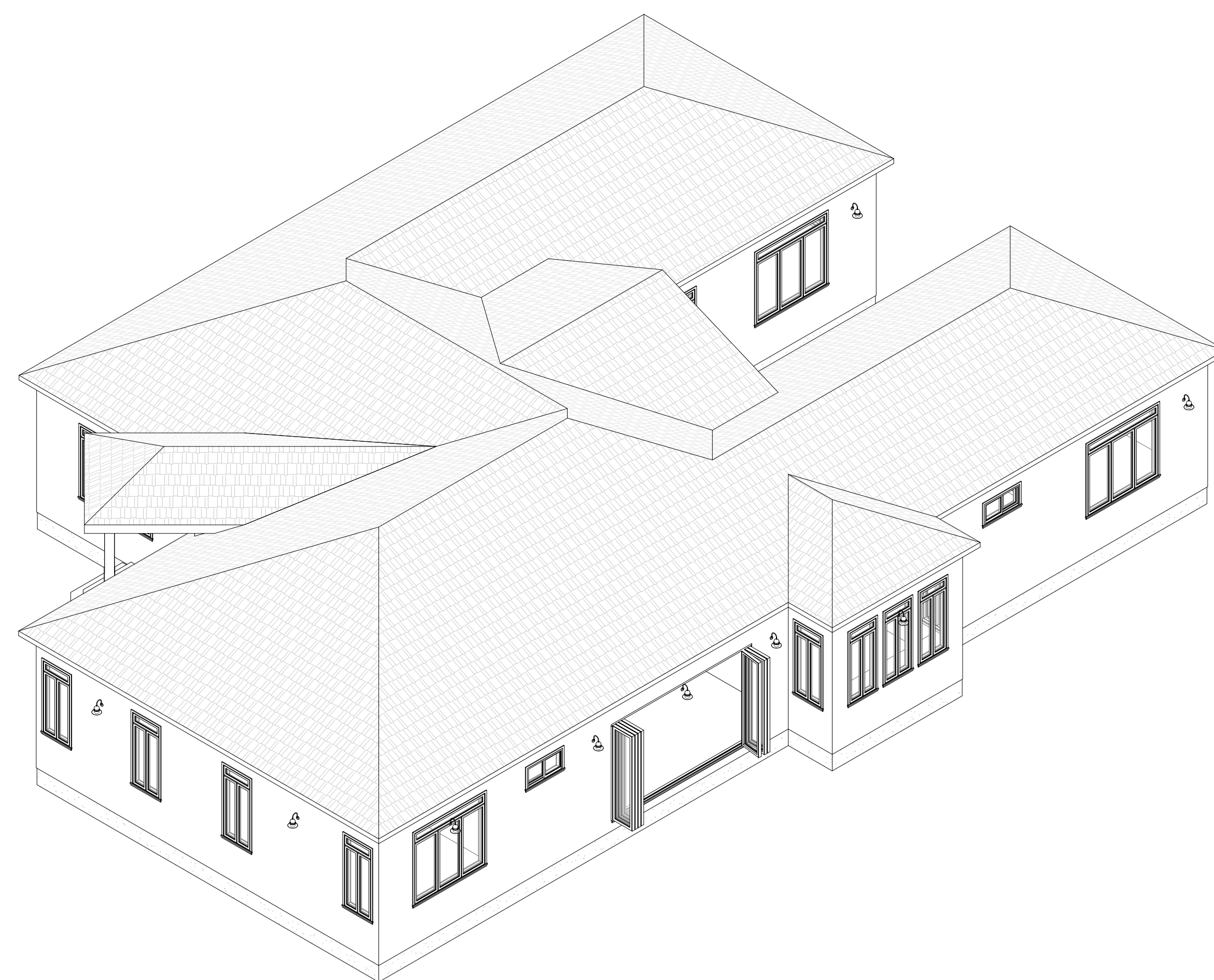
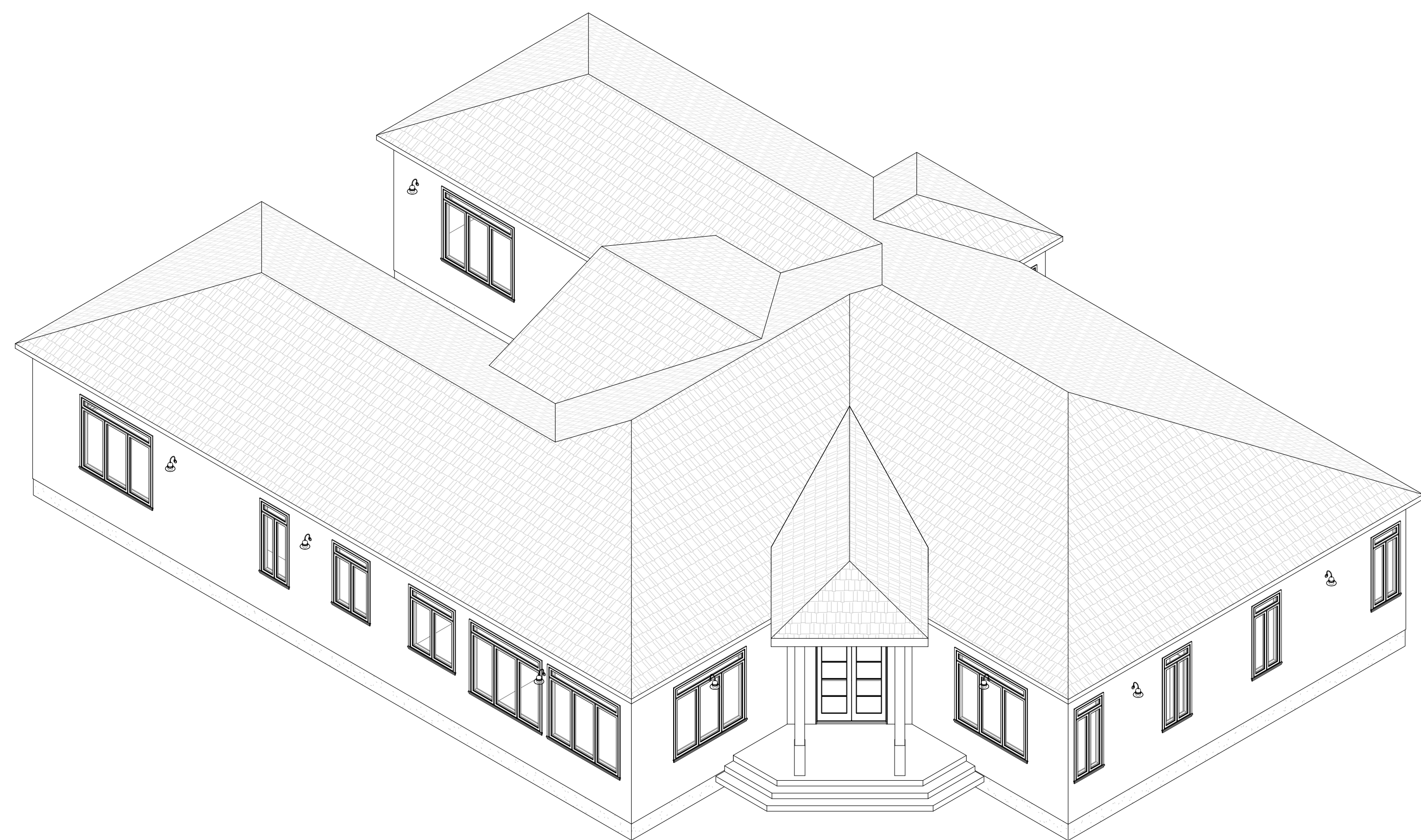
A5-0

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PRELIMINARY

SAN MARTIN Project No: CALIFORNIA Date: 8 / 30 / 2021

Designed: K.L. Checked: N.L.



PRELIMINARY

A6-0

PROPOSED HOUSE AND
DETACHED GARAGE

APN: 779-47-007

SAN MARTIN

CALIFORNIA

Project No:	Designed: KI	Checked: NI	Date: 9 / 20 / 2021
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ENGINEERING

598 E Santa Clara St, #270
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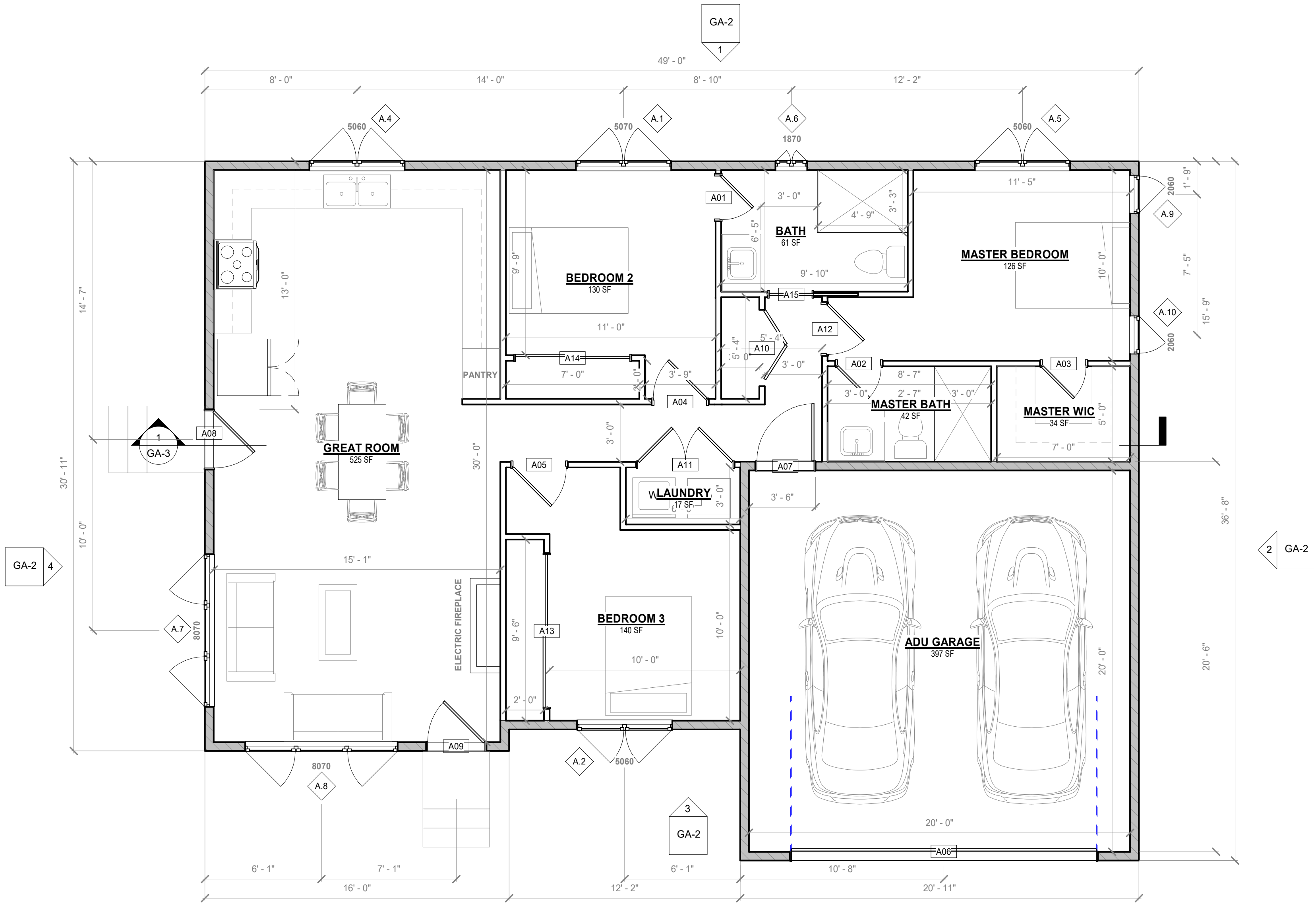


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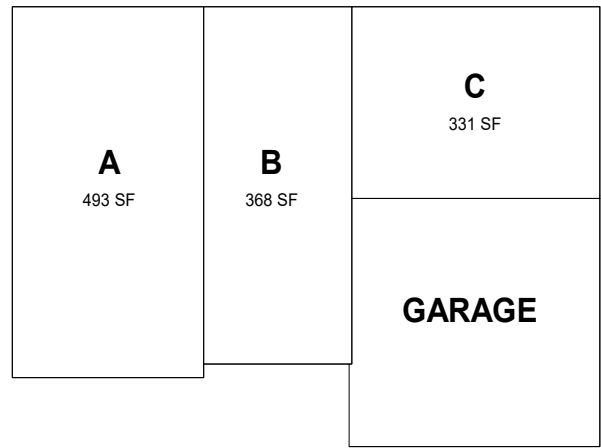
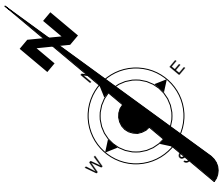
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1. ADU FFL
1/4" = 1'-0"



2. ADU AREA PLAN
1/16" = 1'-0"

ADU AREA SCHEDULE			
NAME	WIDTH	LENGTH	AREA
FINISHED			
A	16' - 0"	30' - 11"	493 SF
B	12' - 4"	29' - 10"	368 SF
C	16' - 1"	20' - 6"	331 SF
1192 SF			
UNFINISHED			
GARAGE	19' - 3"	22' - 4"	430 SF
430 SF			
GRAND TOTAL			
1622 SF			

FLOOR PLAN NOTES

1. SEE NOTES ON SHEET A1-1.

ADU ROOM SCHEDULE	
NAME	AREA
BATH	61 SF
BEDROOM 2	130 SF
BEDROOM 3	140 SF
GREAT ROOM	525 SF
LAUNDRY	17 SF
MASTER BATH	42 SF
MASTER BEDROOM	126 SF
MASTER WIC	34 SF
1074 SF	
UNFINISHED	
ADU GARAGE	397 SF
397 SF	
GRAND TOTAL	
1471 SF	



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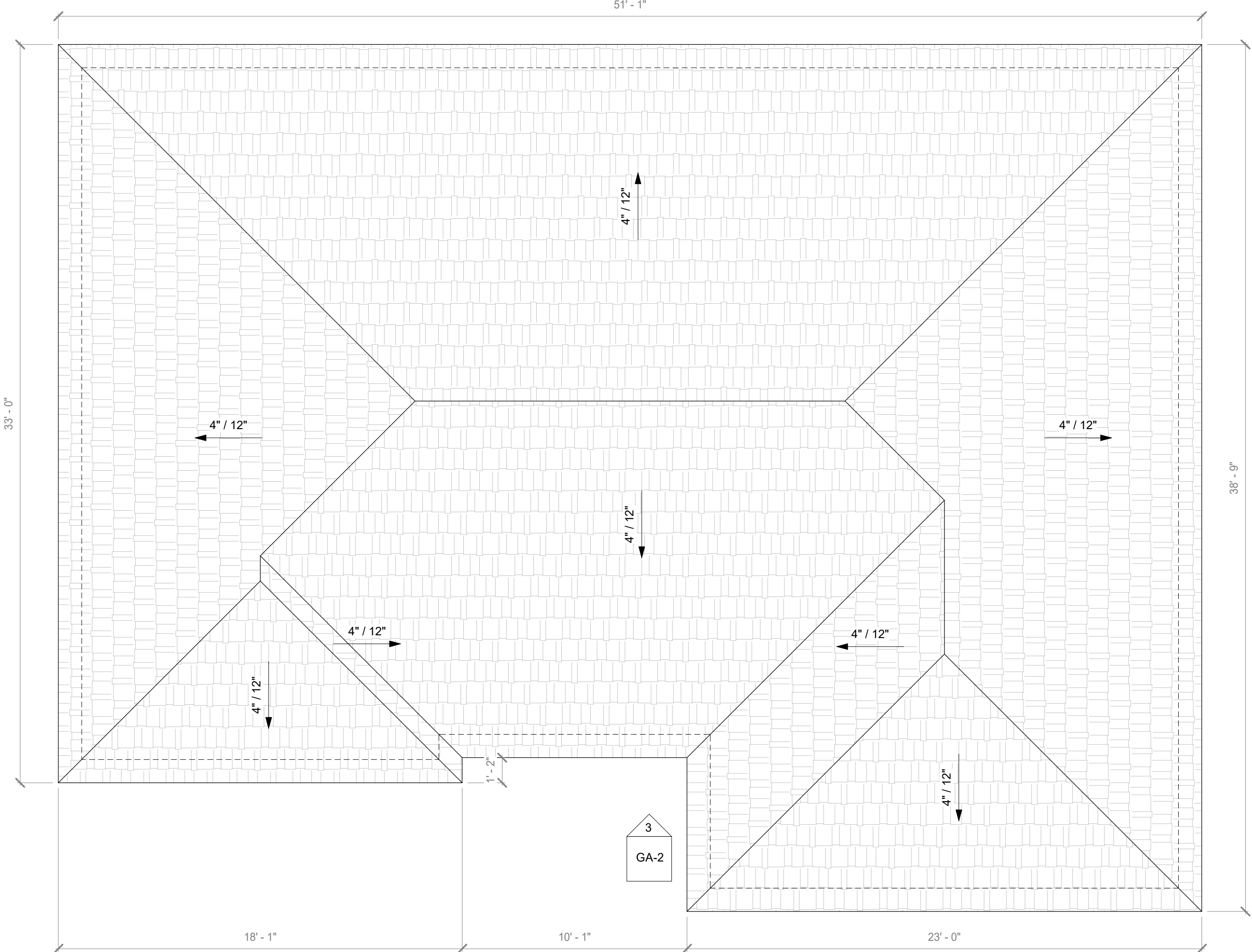
PROPOSED HOUSE AND
DETACHED GARAGE
APN: 779 -47 - 007

SAN MARTIN
Project No:
Designed: KL
Checked: NL
Date: 8 / 30 / 2021
CALIFORNIA

ADU FLOOR
PLAN

GA-0

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① ADU TOR
1/4" = 1'-0"

ROOF PLAN NOTES

- ROOF TO BE BUILT TO "CLASS A" FIRE RESISTANCE STANDARDS
- ROOF COMPOSED OF ASPHALT SHINGLE OVER TWO LAYERS OF #30 FELT OVER PLYWOOD SHEATHING
- ROOF OVERHANG 1' U.N.O.

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PROPOSED HOUSE AND
DETACHED GARAGE
APN: 779 -47 - 007

APN: 779 -47 - 007

SAN MARTIN	Project No:	Designed: KL	Checked: NL	Date: 8 / 30 / 2021
CALIFORNIA				

ADU ROOF PLAN

GA-1

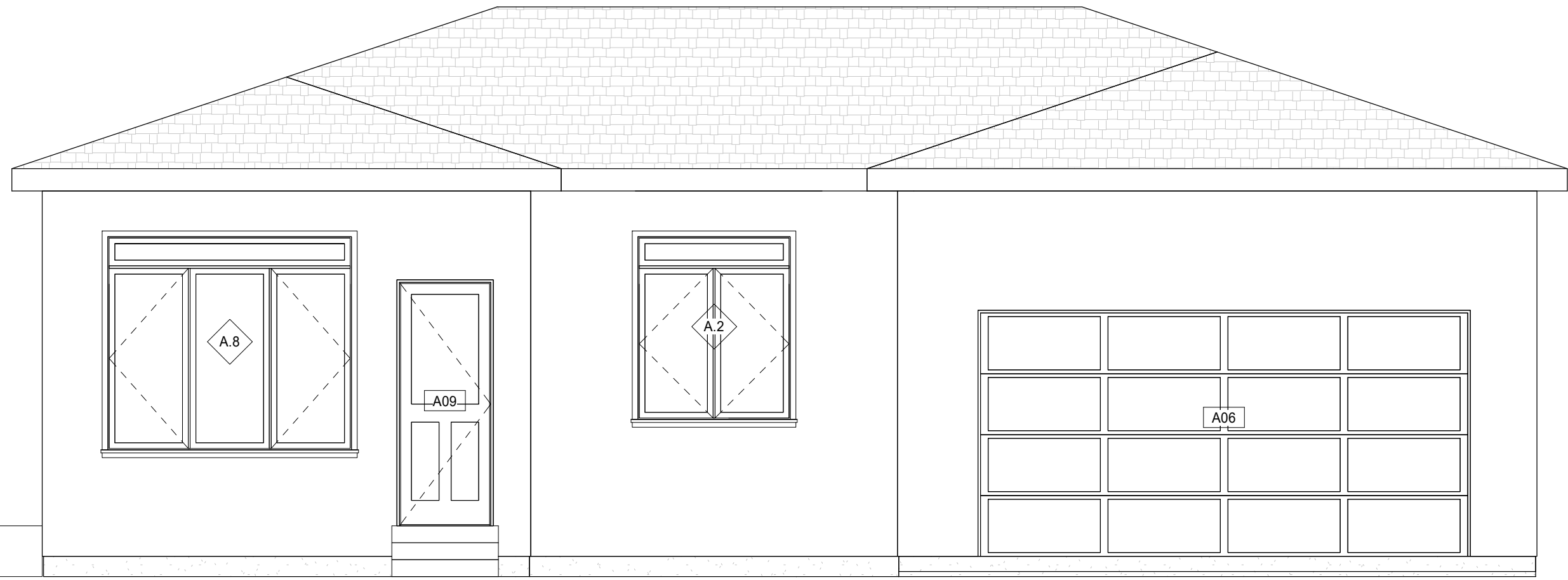
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PRELIMINARY

ADU TOR
17'-1"

ADU TOP
11'-0"

ADU FFL
0'-0"



3 FRONT ELEVATION - ADU
1/4" = 1'-0"

ADU TOR
17'-1"

ADU TOP
11'-0"

ADU FFL
0'-0"

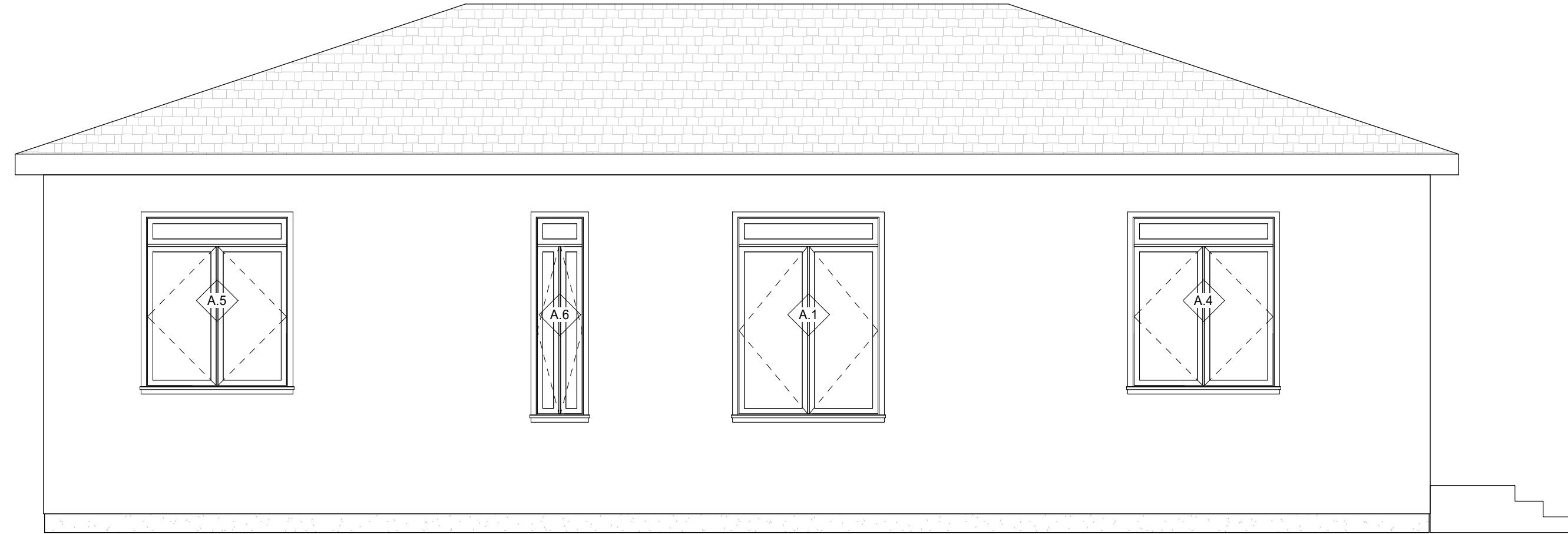


4 LEFT ELEVATION - ADU
1/4" = 1'-0"

ADU TOR
17'-1"

ADU TOP
11'-0"

ADU FFL
0'-0"

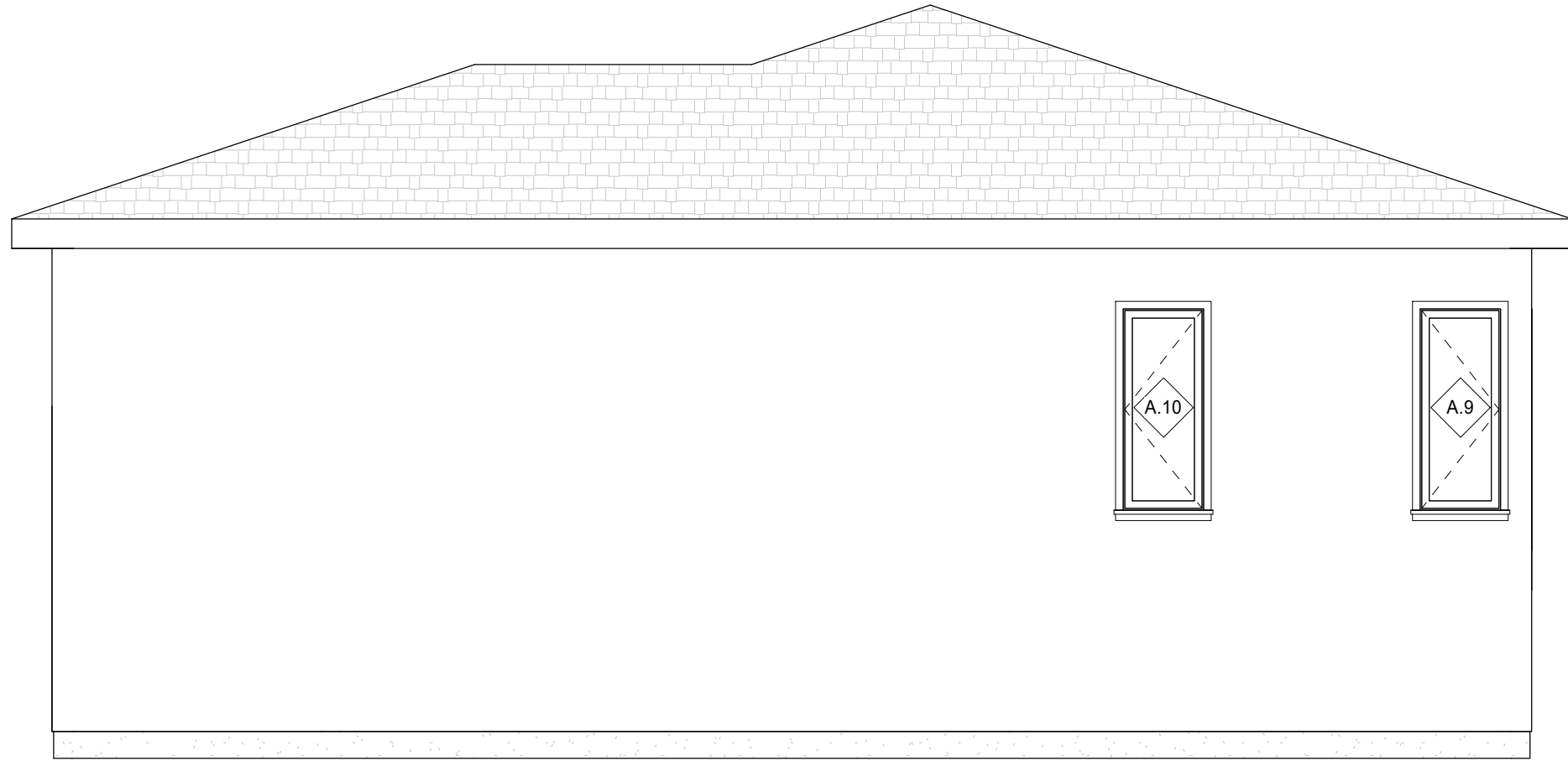


1 REAR ELEVATION - ADU
1/4" = 1'-0"

ADU TOR
17'-1"

ADU TOP
11'-0"

ADU FFL
0'-0"



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

ADU ELEVATIONS

REVISIONS

DATE

BY

STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER

No. 47518

ASHUTOSH JHA

Ashutosh Jha

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PROPOSED HOUSE AND DETACHED GARAGE

APN: 779 -47 - 007

ADU ELEVATIONS

GA-2

PRELIMINARY

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SAN MARTIN

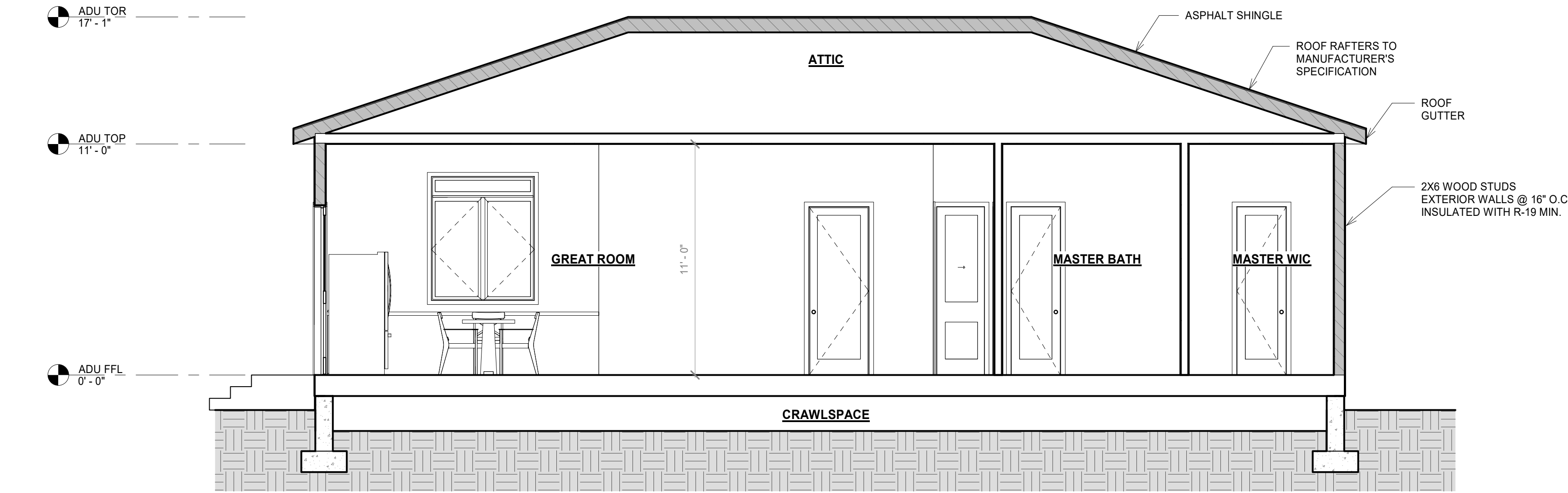
Project No:

Designed: KL

Checked: NL

CALIFORNIA

Date: 8 / 30 / 2021



1 ADU SECTION
1/4" = 1'-0"

ADU SECTION NOTES

1. SEE NOTES ON SHEET A3-1



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PROPOSED HOUSE AND
DETACHED GARAGE
APN: 779 -47 - 007

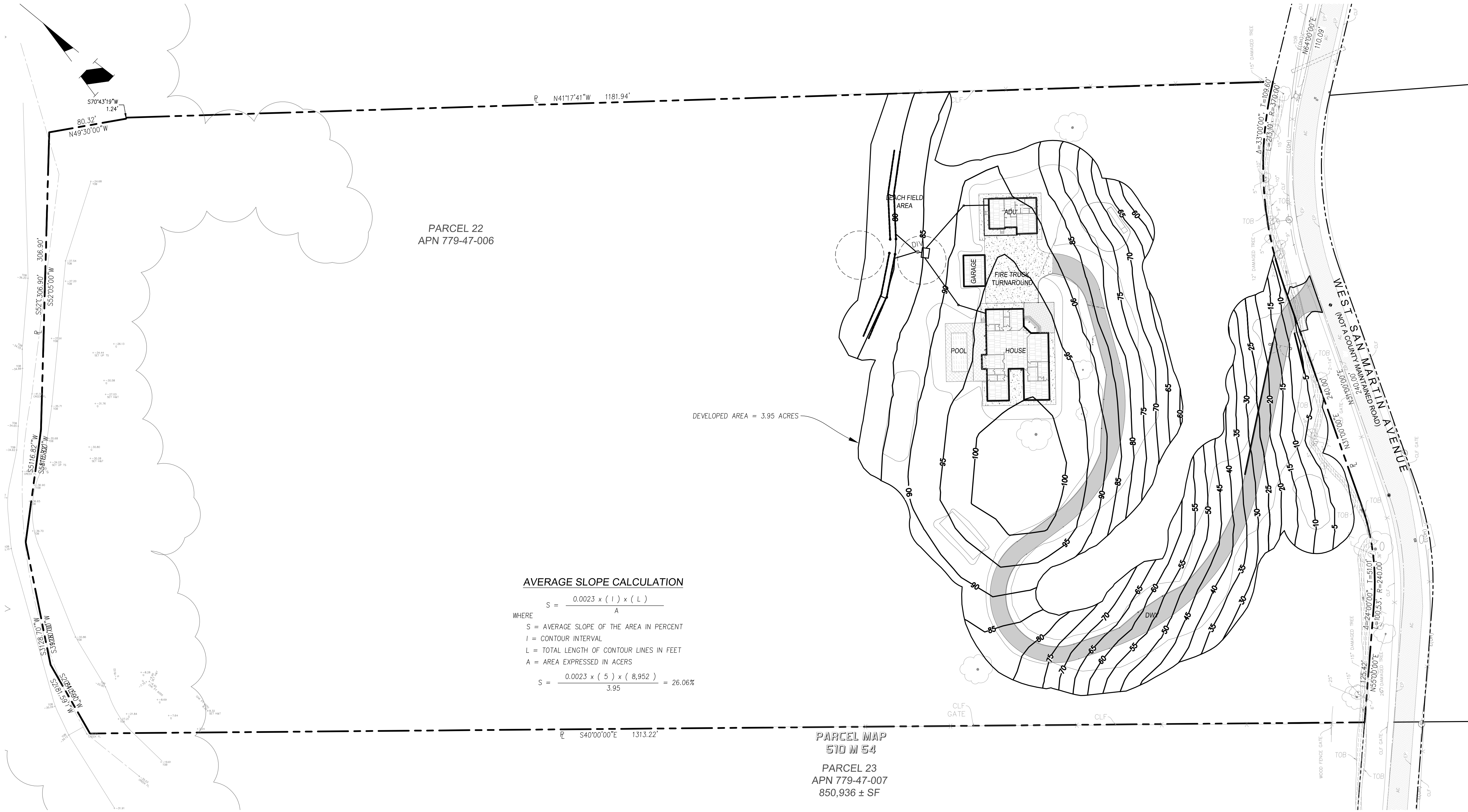
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CALIFORNIA

ADU SECTIONS

GA-3

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PRELIMINARY



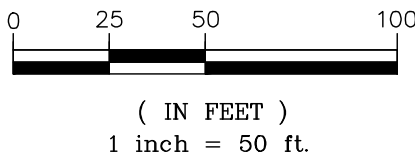
AVERAGE SLOPE CALCULATION

$$S = \frac{0.0023 \times (I) \times (L)}{A}$$

WHERE
S = AVERAGE SLOPE OF THE AREA IN PERCENT
I = CONTOUR INTERVAL
L = TOTAL LENGTH OF CONTOUR LINES IN FEET
A = AREA EXPRESSED IN ACERS

$$S = \frac{0.0023 \times (5) \times (8,952)}{3.95} = 26.06\%$$


GRAPHIC SCALE



PARCEL MAP
510 M 54
PARCEL 23
APN 779-47-007
850,936 ± SF

PARCEL 22
APN 779-47-006

PARCEL 24
APN 779-47-008

SLOPE CALCULATION EXHIBIT										ENGINEERING										598 E Santa Clara St #270 San Jose, CA 95112 Phone: (408) 806-7187 Fax: (408) 583-4006																																																	
LAND OF JHA																																																																					
W SAN MARTIN AVE																																																																					
APN 779-47-007																																																																					
San Martin										California																																																											
CONTRACT NO.										PROJECT NO.																																																											
FILE NO.										SHT NO.										1 OF 1																																																	
										PT										DESIGNED										DATE										02/15/21																													
										PT										DRAWN										DATE										02/15/21																													
										1" = 50'										SCALE																																																	
										NL										CHECKED										DATE										02/15/21																													
																				BY										DATE										APP'D										REVISIONS										NO.									

AB AGGREGATE BASE
AC ASPHALT CONCRETE
BB BUBBLER BOX
BK BOOK
BLDG BUILDING
BSL BUILDING SETBACK LINE
CED COBBLE ROCK ENERGY DISSIPATOR
CG CURB & GUTTER
CL CENTERLINE
CSD CONCRETE
CSD CONC COUNTY STANDARD DETAIL
DS DOWNSPOUT
DWE DRIVEWAY
EA EASEMENT
ELEV ELEVATION
EM ELECTRIC METER
E(OH) ELECTRIC OVERHEAD
E(UG) ELECTRIC UNDERGROUND
EP EDGE OF PAVEMENT
EX EXISTING
FD FOUND
FF FINISH ELEVATION OF SUBFLOOR

FG GROUND FINISH GRADE
FH FIRE HYDRANT
FL FLOW LINE
G GARAGE SLAB ELEVATION
GM GAS LINE
HP HIGHT POINT
INV INVERT
LIP OF GUTTER
LS LANDSCAPED AREA
LT LEFT
MAX MAXIMUM
MH MANHOLE
OG ORIGINAL GROUND
P PAVEMENT FINISH GRADE
PAD PAD ELEVATION
PG PAGE
PP PROPERTY LINE
PSE POWER POLE PROP. PROPOSED
PMT PUBLIC SERVICE EASEMENT PAVEMENT

PVC POLYVINYL CHLORIDE
R RT
RT RIGHT
R/W RIGHT OF WAY
SCSD SANTA CLARA COUNTY STANDARD DETAIL
S.C.V.W.D. SANTA CLARA VALLEY WATER DISTRICT
SD STATION
SS SANITARY SEWER/LATERAL
STA SIDEWALK
TC TOP OF CURB
TG TOP OF GRATE
TYP TYPICAL
W WATER
WLK WALKWAY
WM WATER METER
WV WATER VALVE

COBBLE ROCK ENERGY DISSIPATOR
CONCRETE
CONTOUR: EXISTING
CONTOUR: PROPOSED
OR NEW
DESIGN GRADE
DOWNSPOUT WITH SPLASHBLOCK
DIVERSION VALVE
BACKWATER VALVE (SEE PROJECT NOTES)
DRAINAGE SWALE
EASEMENT LINE
EXISTING ELEVATION
OR (101.70)
EXISTING FENCE
EXISTING TREE TO BE REMOVED

EXISTING TREE TO REMAIN
FOUND IRON PIPE AT PROPERTY CORNER
FILTER FABRIC ROLLS
GAS METER
FIRE HYDRANT
INLET
JOINT POLE
LIGHTING
LIGHTING POLE
MONUMENT WELL
OVERLAND FLOW DIRECTION
PGE BOX
PROJECT SITE
RIGHT OF WAY

SANITARY SEWER
CLEAN OUT MANHOLE
SANITARY SEWER MANHOLE
STORM DRAIN MANHOLE
UTILITY: EXISTING
UTILITY: PROPOSED
WATER METER
WATER VALVE
WELL
TREE PROTECTION FENCE
ABANDON UTILITY LINE
RIPARIAN

LEGEND & ABBREVIATIONS

DISTURBED AREAS

NO.	DESCRIPTION	AREA (SQUARE FEET)
1.	TEMPORARY	41,830
2.	PERMANENT	35,480
	TOTAL AREA	77,310

BASIS OF BEARINGS

THE BEARINGS SHOWN ON THIS MAP ARE BASED ON THE CENTERLINE OF W SAN MARTIN AVE AS FOUND MONUMENTED AS N31°00'00"E SHOWN ON PARCEL MAP, RECORDED IN BOOK 510 OF MAPS, AT PAGE 54, SANTA CLARA COUNTY RECORDS.

PARCEL 22
APN 779-47-006

VICINITY MAP

NTS

ON-SITE EARTHWORK QUANTITY

IMPROVEMENT	EARTHWORK QUANTITY (CUBIC YARD)		MAXIMUM DEPTH (FEET)	
	CUT	FILL	CUT	FILL
RESIDENCE	338	-	2	-
ACCESSORY STRUCTURE	-	569	-	-
POOL/HARDSCAPE	44	338	2	7
DRIVEWAY & WALKWAY	988	1,720	5	5
LANDSCAPE & DETENTION	-	-	-	-
WATER TANK CONC PAD	30	30	-	-
FIRETRUCK TURNAROUND	250	0	1.6	-
TOTAL	1,650	2,657	-	-
TOTAL EARTHWORK	4,307	-	-	-
EXPORT QUANTITY	-	-	-	-
IMPORT QUANTITY	-	1,007	-	-

NOTE: FILL VOLUMES INCLUDE 10% SHRINKAGE. EXCESS MATERIAL SHALL BE OFF HAULED TO A COUNTY APPROVED DUMP SITE.

FIRE PROTECTION NOTES:

- ALL DRIVEWAYS AND ACCESS ROADS TO MEET COUNTY STANDARD SD1.
- DRIVEWAYS TO BE MADE OF AN ALL WEATHER SURFACE CAPABLE OF SUPPORTING 75,000 POUNDS AND HAVE A MAXIMUM SLOPE 16%.
- WATER TANKS TO HAVE A MAXIMUM HEIGHT OF 12 FEET AND MEET STANDARDS SET IN CFMO W2 & W5. TANKS GREATER THAN 12 FEET IN HEIGHT WILL REQUIRE A SEPARATE BUILDING PERMIT.
- FIRE HYDRANT SHALL MEET STANDARDS SET IN CFMO-W2.
- WATER TANK SHALL BE SIZED PER NFPA 1142 TO INCLUDE SPRINKLER DEMAND AND HYDRANT DEMAND.
- ALL STRUCTURES SHALL MEET WILDLAND URBAN INTERFACE (WUI) REQUIREMENTS AT BUILDING PERMIT SUBMITTAL.
- NFPA 13 FIRE SPRINKLERS SHALL BE INSTALLED IN ALL BUILDINGS AND WILL BE A DEFERRED SUBMITTAL.
- ALL DEFERRED SUBMITTALS FOR FIRE PROTECTION UNDERGROUND, FIRE HYDRANTS, WATER TANKS, & FIRE PUMP.
- PROPERTY TO MAINTAIN 100 FEET DEFENSIBLE SPACE AT ALL TIMES.
- STRUCTURES SHALL CONFORM TO WUI BUILDING REQUIREMENTS.

CAL FIRE NOTES:

- DRIVEWAYS AND ROAD AND DRIVEWAY STRUCTURES SHALL BE DESIGNED AND MAINTAINED TO SUPPORT AT LEAST 40,000 POUNDS. (C) PROJECT PROPONENT SHALL PROVIDE ENGINEERING SPECIFICATIONS TO SUPPORT DESIGN, IF REQUESTED BY THE LOCAL AUTHORITY HAVING JURISDICTION.
- (A) GATE ENTRANCES SHALL BE AT LEAST TWO (2) FEET WIDER THAN THE WIDTH OF THE TRAFFIC LANE(S) SERVING THAT GATE AND A MINIMUM WIDTH OF FOURTEEN (14) FEET UNOBSTRUCTED HORIZONTAL CLEARANCE AND UNOBSTRUCTED VERTICAL CLEARANCE OF THIRTEEN FEET, SIX INCHES (13' 6"). (B) ALL GATES PROVIDING ACCESS FROM A ROAD TO A DRIVEWAY SHALL BE LOCATED AT LEAST THIRTY (30) FEET FROM THE ROADWAY AND SHALL OPEN TO ALLOW A VEHICLE TO STOP WITHOUT OBSTRUCTING TRAFFIC ON THAT ROAD. (C) WHERE A ONE-WAY ROAD WITH A SINGLE TRAFFIC LANE PROVIDES ACCESS TO A GATED ENTRANCE, A FORTY (40) FOOT TURNING RADIUS SHALL BE USED. (D) SECURITY GATES SHALL NOT BE INSTALLED WITHOUT APPROVAL. WHERE SECURITY GATES ARE INSTALLED, THEY SHALL HAVE AN APPROVED MEANS OF EMERGENCY OPERATION. APPROVAL SHALL BE BY THE LOCAL AUTHORITY HAVING JURISDICTION. THE SECURITY GATES AND THE EMERGENCY OPERATION SHALL BE MAINTAINED OPERATIONAL AT ALL TIMES.
- STRUCTURES CONSTRUCTED IN THE SRA ARE REQUIRED TO COMPLY WITH THE DEFENSIBLE SPACE REGULATIONS IN TITLE 14, NATURAL RESOURCES DIVISION 1.5, DEPARTMENT OF FORESTRY AND FIRE PROTECTION CHAPTER 7. FIRE PROTECTION SUBCHAPTER 3. FIRE HAZARD.

MAIN HOUSE FLOOR AREA

POLYGON	DIMENSIONS	AREA
01	14'-9 1/2" x 5'-0"	74 SF
02	69'-0" x 22'-4 1/2"	1,544 SF
03	25'-2 1/2" x 38'-10 1/2"	980 SF
04	36'-5 1/2" x 15'-4"	559 SF
05	69'-0" x 26'-4"	1,817 SF
06	2'-8 1/2" x 9'-7 1/2"	26 SF
TOTAL		5,000 SQ.FT

A	B	C
GARAGE		

ADU FLOOR AREA

POLYGON	DIMENSIONS	AREA
A	16'-0" x 30'-11"	493 SF
B	12'-4" x 29'-10"	368 SF
C	16'-1" x 20'-6"	331 SF
TOTAL		1,192 SF

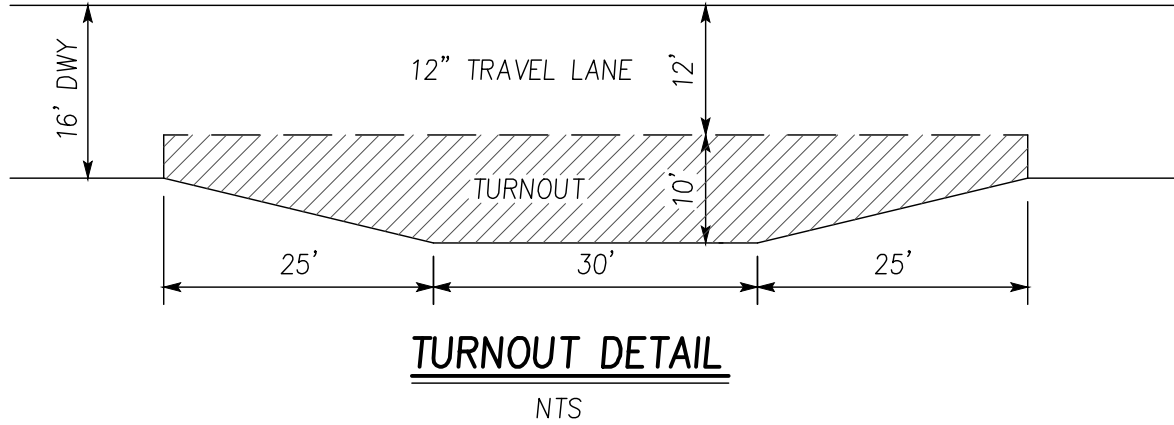
UNFINISHED		
GARAGE	19'-3" x 22'-4"	430 SF
TOTAL		1,622 SQ.FT

NOTES:

- THICKNESS OF DRIVEWAY WILL BE DETERMINED BY GEOTECHNICAL ENGINEER.
- DRIVEWAY WILL BE MADE OF AN "ALL WEATHER" MATERIAL CAPABLE OF HOLDING 75,000 POUNDS

TREE TO BE REMOVED

NO.	TREE DIAMETER	QUANTITY
1.	35" OAK	1
TOTAL		1



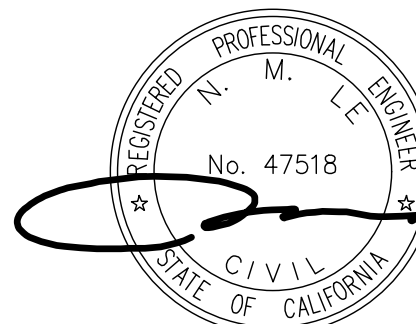
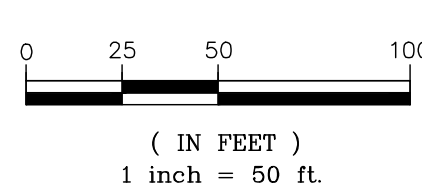
TURNOUT DETAIL

NTS

SHEET INDEX

- SHEET C1: OVERALL SITE PLAN
SHEET C2: SITE GRADING & DRAINAGE PLAN
SHEET C3: DRIVEWAY GRADING & DRAINAGE PLAN
SHEET C4: DRIVEWAY PROFILE & SECTIONS

GRAPHIC SCALE



OVERALL SITE PLAN
LAND OF JHA
W SAN MARTIN AVE
APN 779-47-007

California

San Martin

C1

1 OF 6

FILE NO.

CONTRACT NO.

PROJECT NO.

ENGINEERING
598 E Santa Clara St #270
San Jose, CA 95112
Phone: (408) 806-7187
Fax: (408) 583-4006

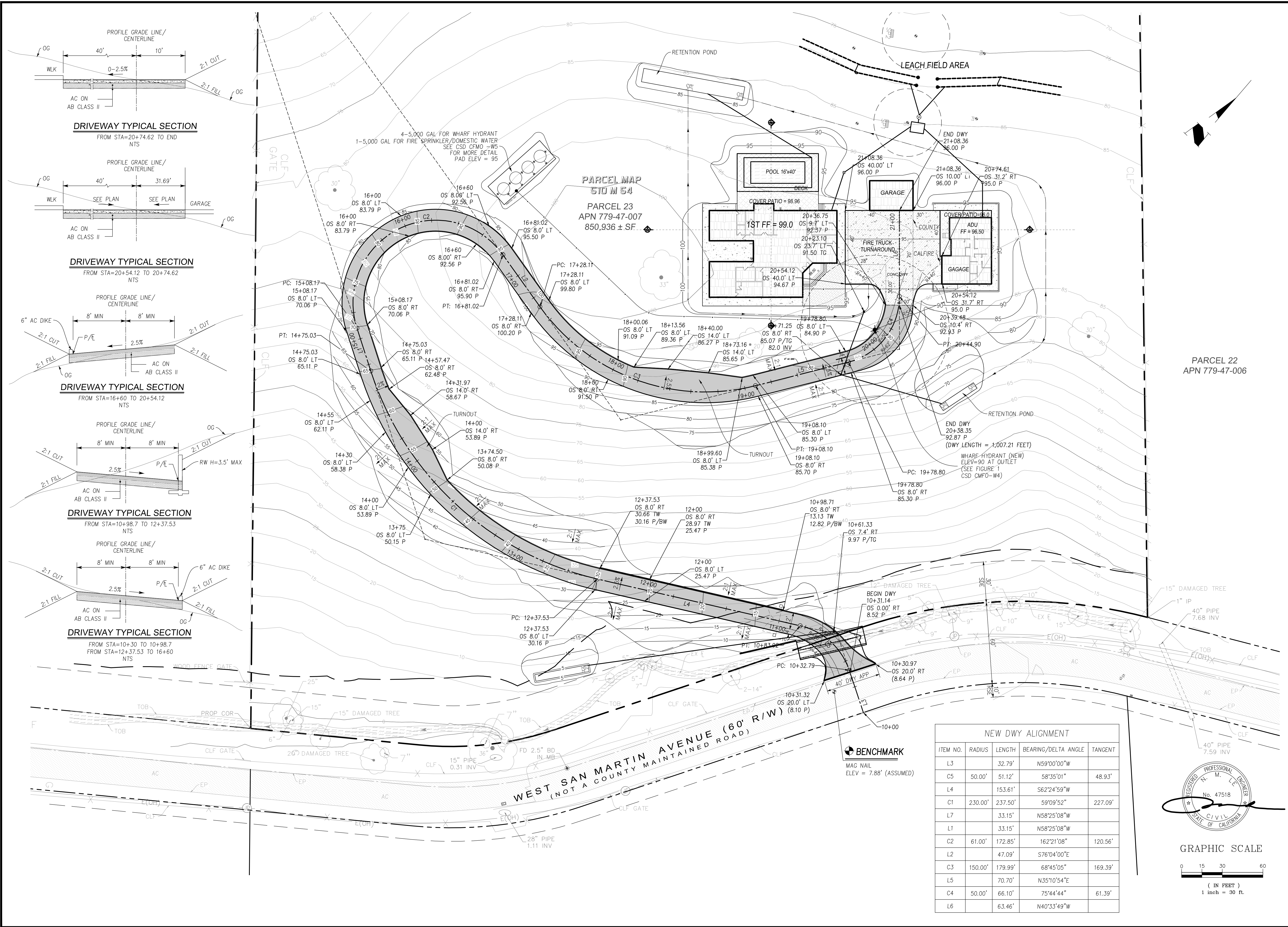
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		02/15/21			02/15/21			02/15/21

REVISIONS

APP'D

DATE

BY



DRIVEWAY TYPICAL SECTION

FROM STA=20+74.62 TO END NTS

DRIVEWAY TYPICAL SECTION

FROM STA=20+54.12 TO 20+74.62 NTS

DRIVEWAY TYPICAL SECTION

FROM STA=16+60 TO 20+54.12 NTS

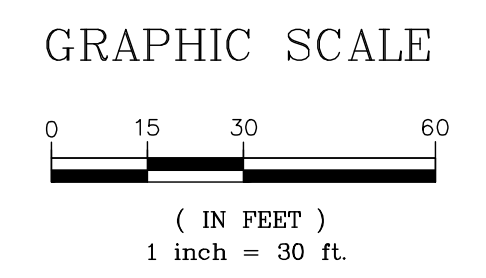
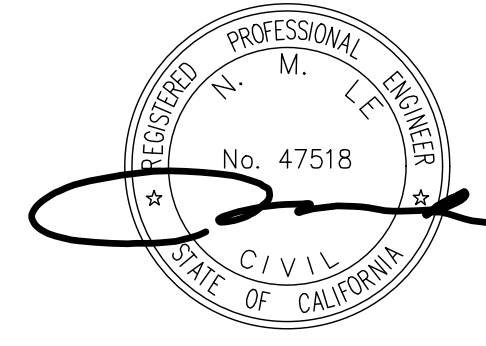
DRIVEWAY TYPICAL SECTION

FROM STA=10+98.7 TO 12+37.53 NTS

DRIVEWAY TYPICAL SECTION

FROM STA=10+30 TO 10+98.7
FROM STA=12+37.53 TO 16+60 NTS

NEW DWY ALIGNMENT				
ITEM NO.	RADIUS	LENGTH	BEARING/DELTA ANGLE	TANGENT
L3		32.79'	N59°00'00"W	
C5	50.00'	51.12'	S8°35'01"	48.93'
L4		153.61'	S62°24'59"W	
C1	230.00'	237.50'	S9°09'52"	227.09'
L7		33.15'	N58°25'08"W	
L1		33.15'	N58°25'08"W	
C2	61.00'	172.85'	S62°21'08"	120.56'
L2		47.09'	S76°04'00"E	
C3	150.00'	179.99'	S68°45'05"	169.39'
L5		70.70'	N35°10'54"E	
C4	50.00'	66.10'	S75°44'44"	61.39'
L6		63.46'	N40°33'49"W	



ENGINEERING

598 E Santa Clara St #270
San Jose, CA 95112
Phone: (408) 806-7187
Fax: (408) 583-4006

DRIVEWAY GRADING & DRAINAGE PLAN

LAND OF JHA

W SAN MARTIN AVE

APN 779-47-007

C2

2 OF 6

REVISIONS

NO.	DATE	BY	APP'D	REVISIONS

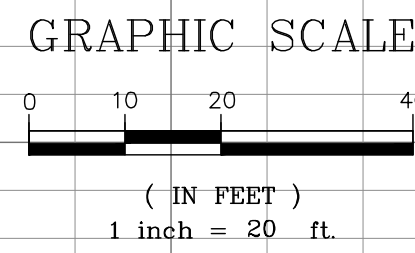
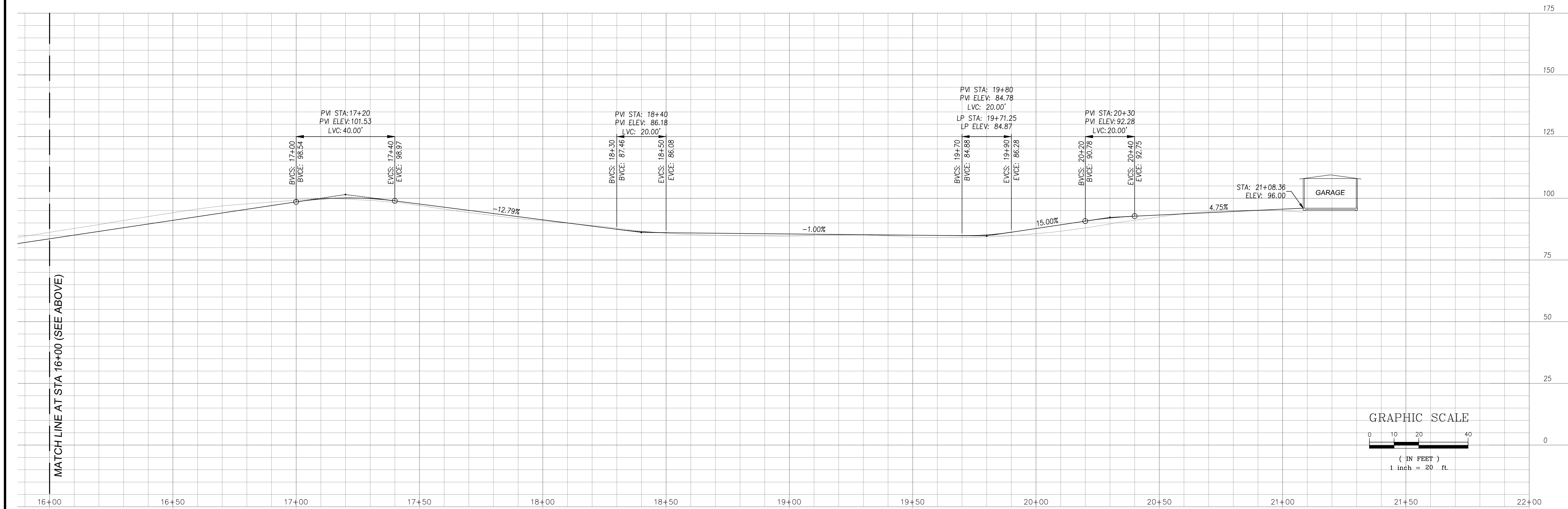
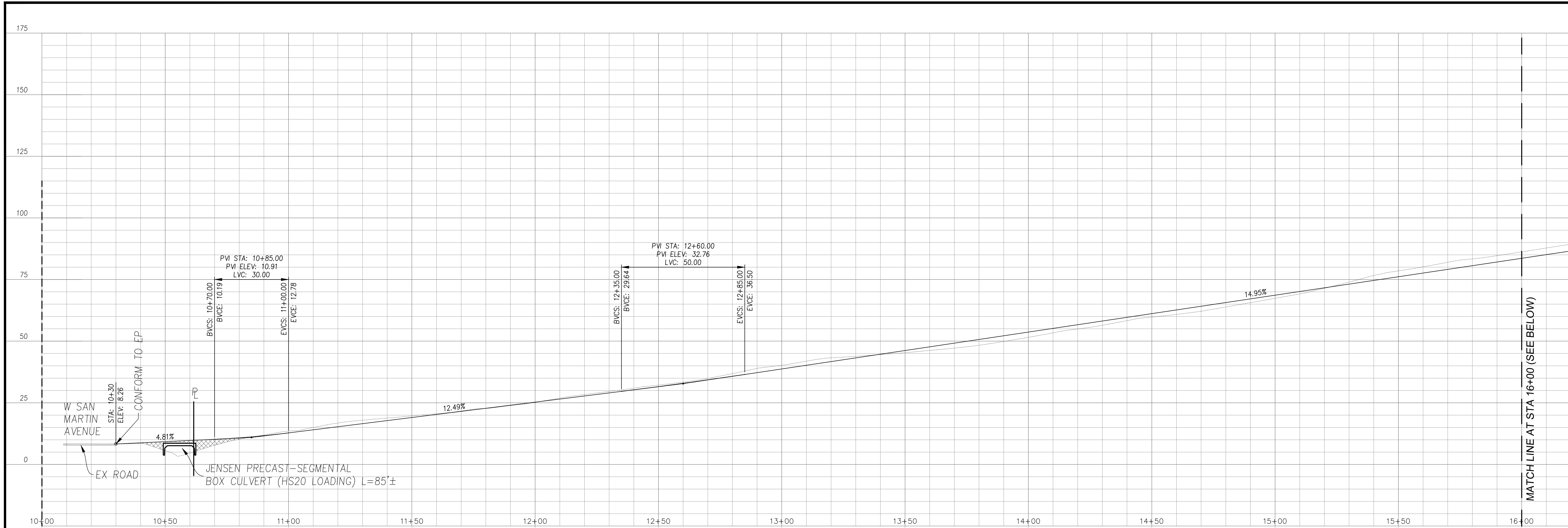
PROJECT NO.

CONTRACT NO.

San Martin

APPLICANT : JHA

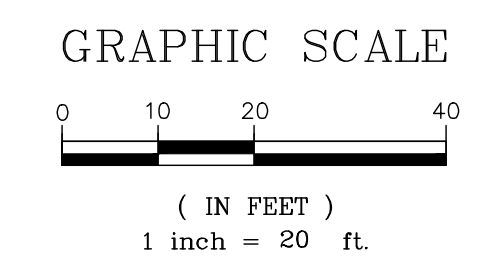
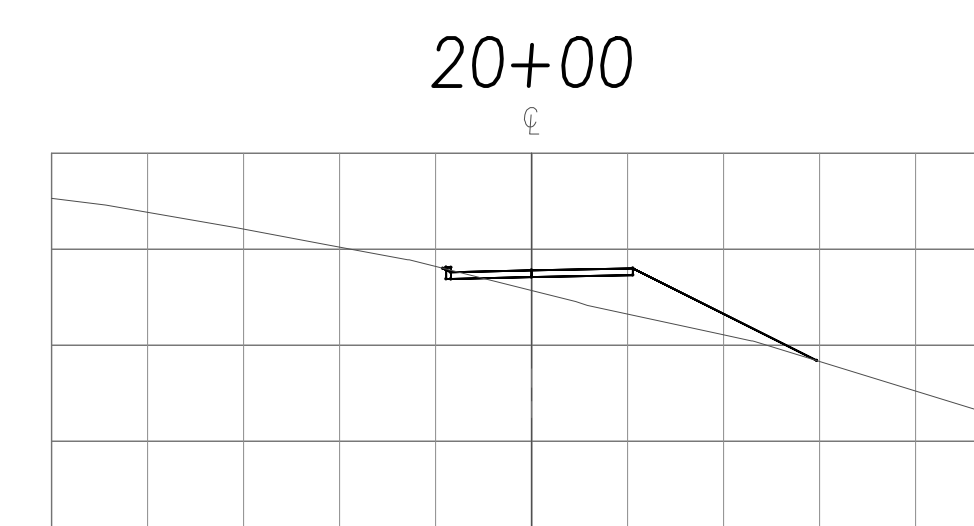
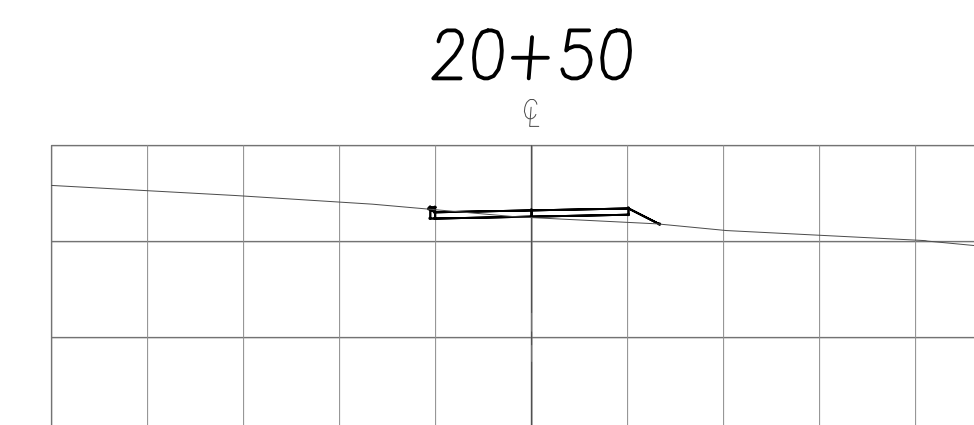
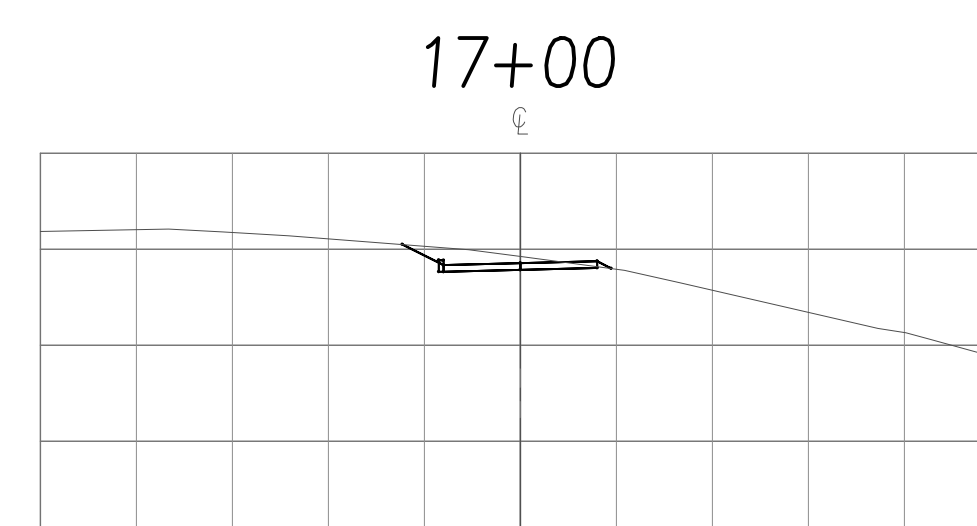
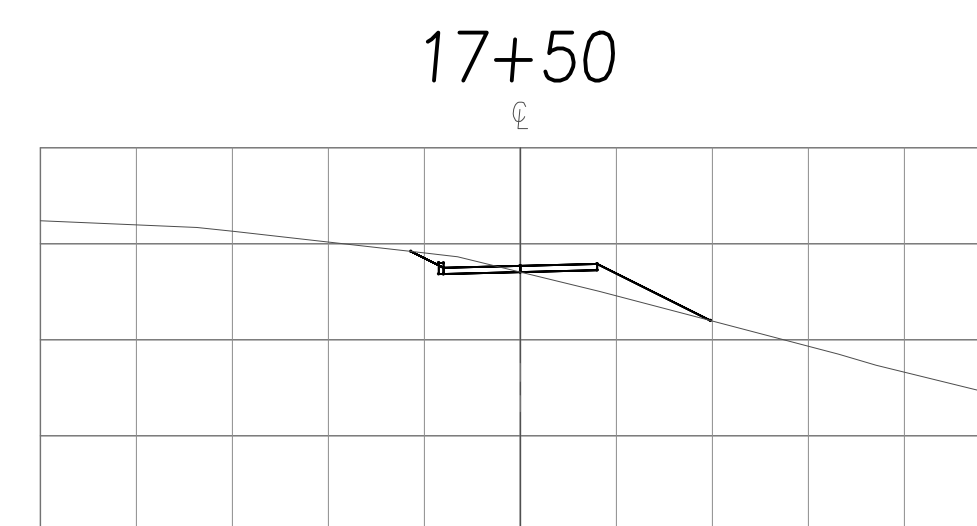
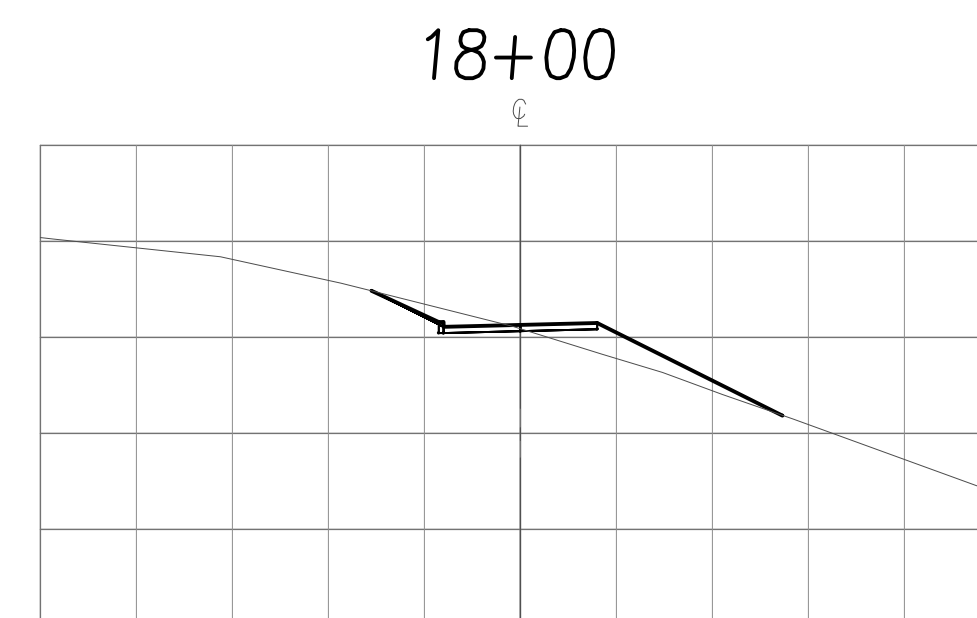
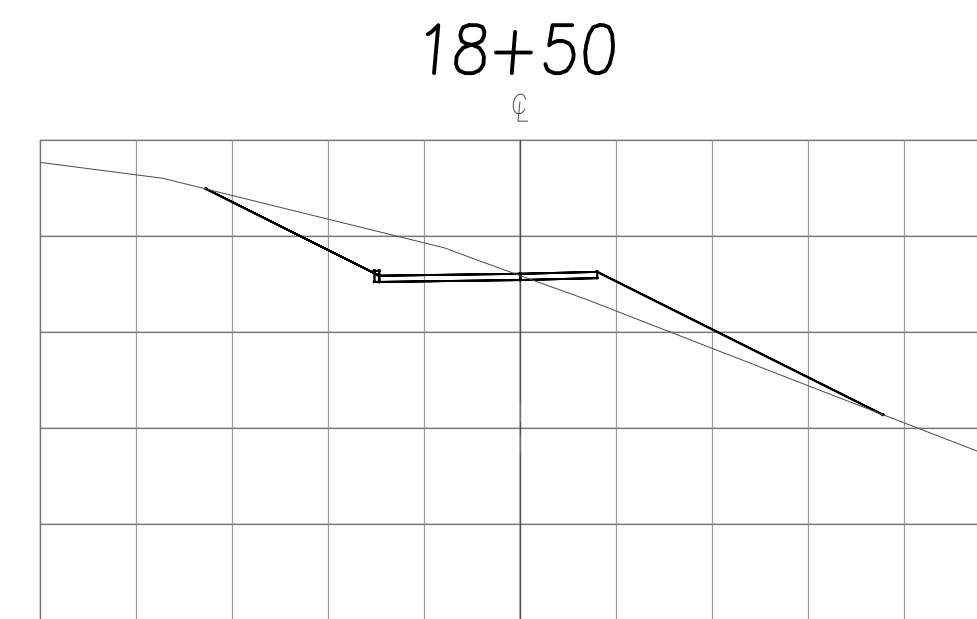
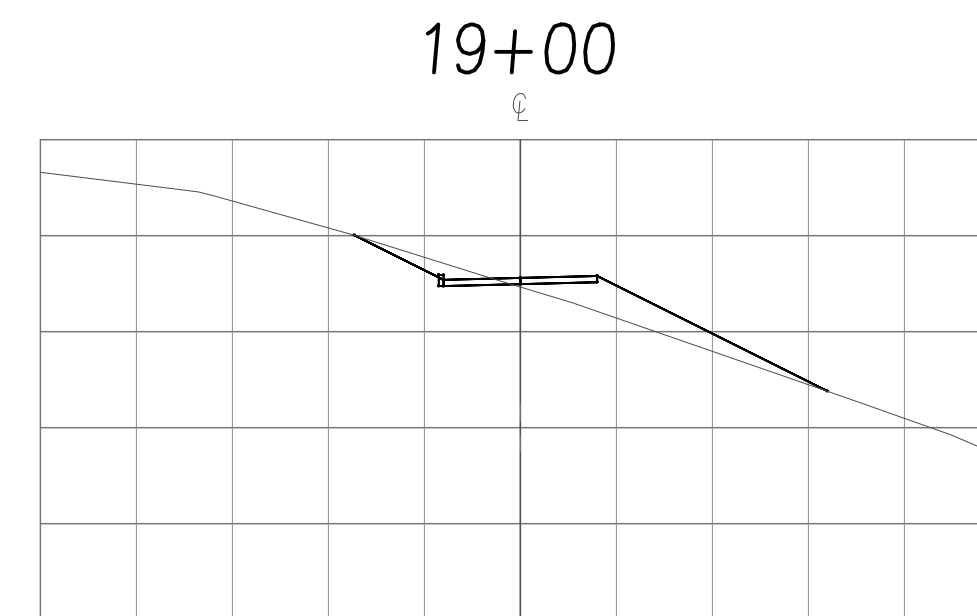
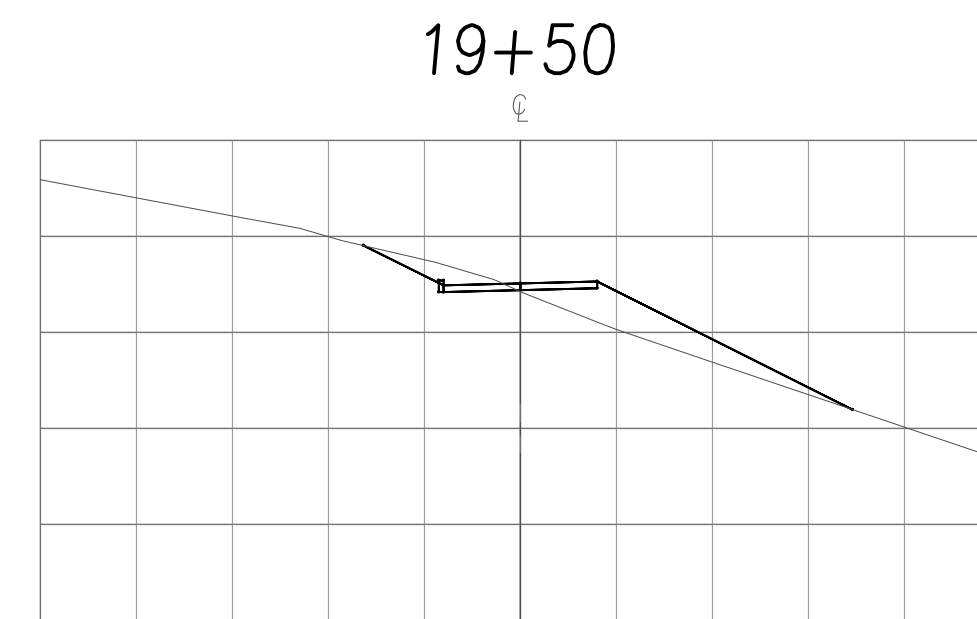
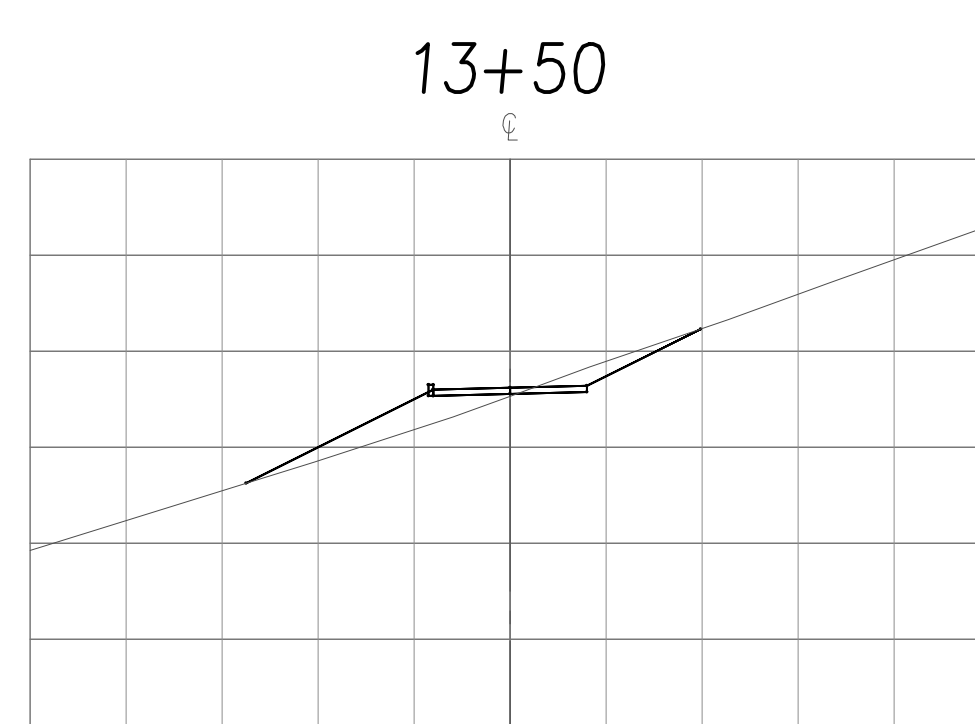
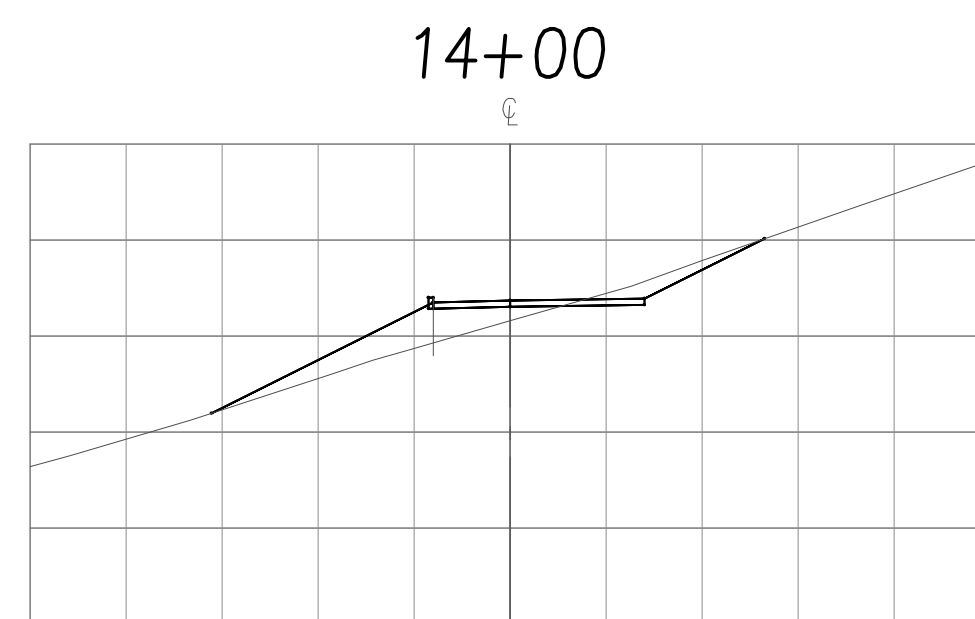
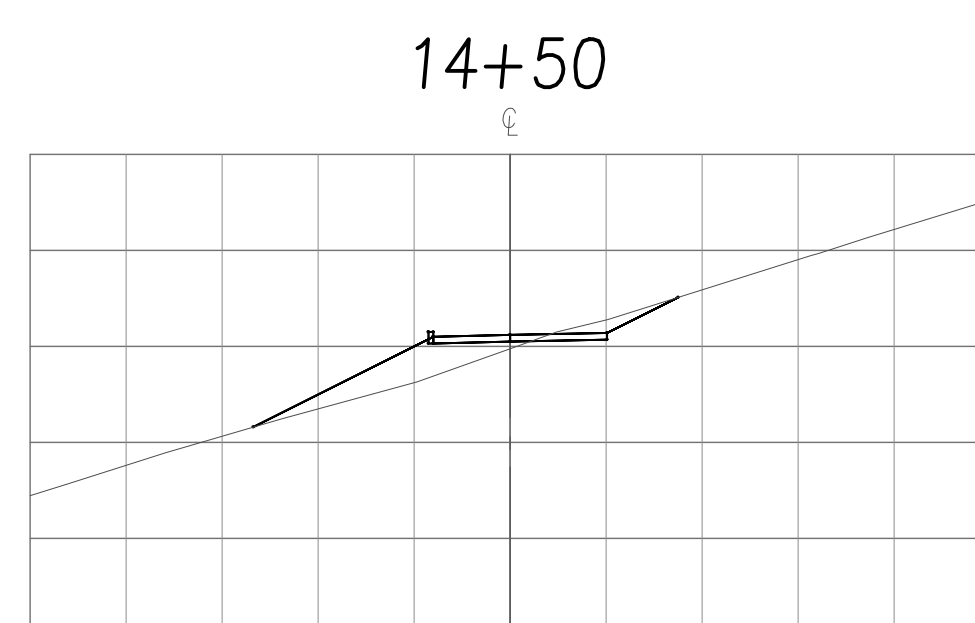
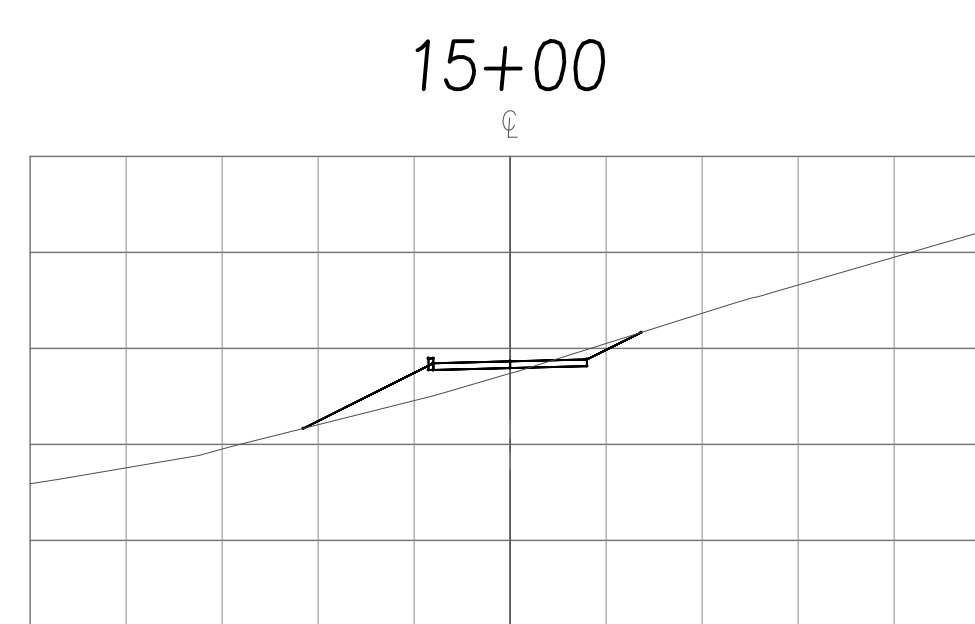
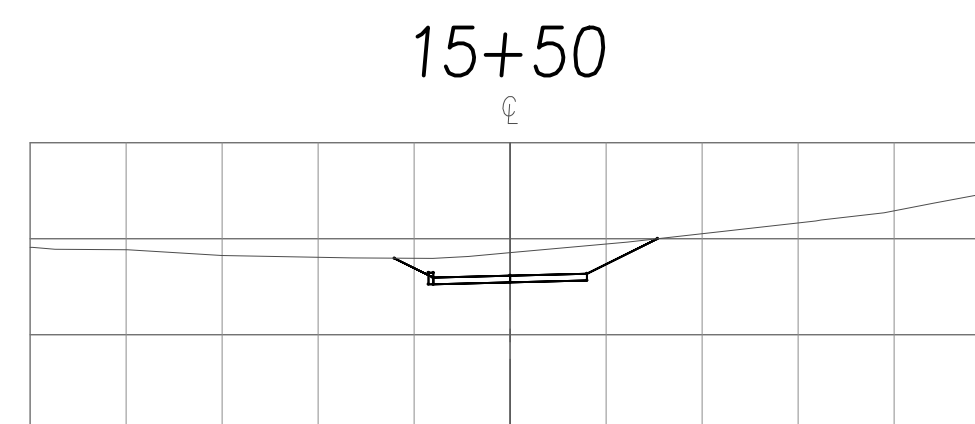
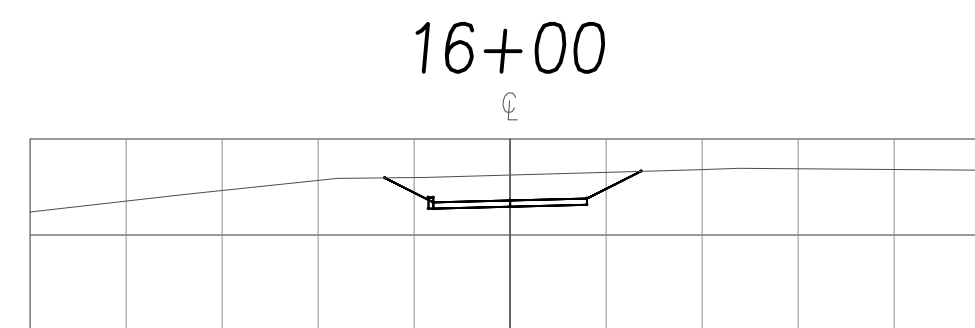
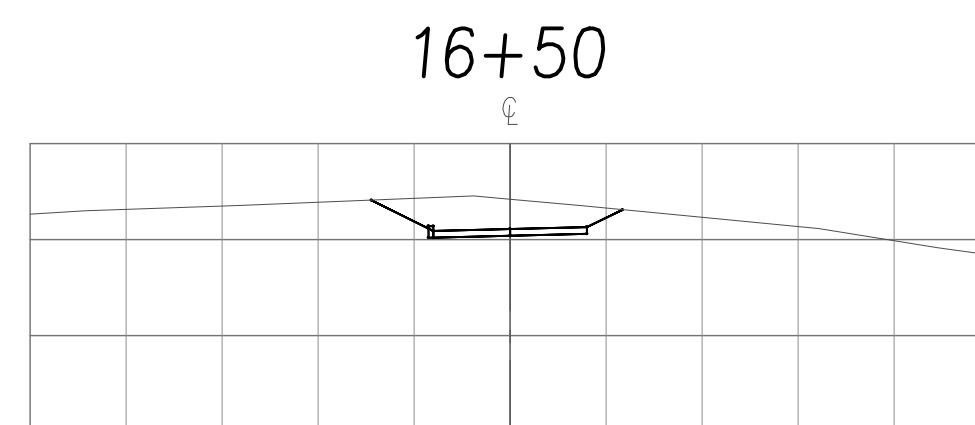
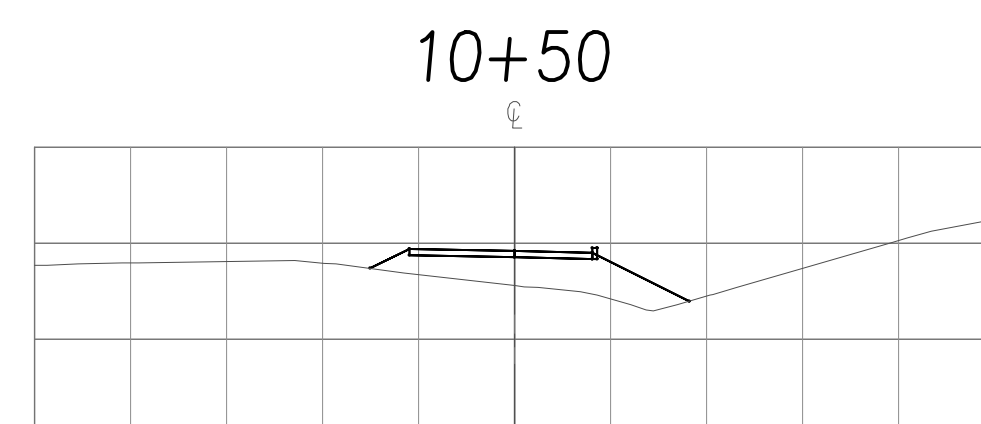
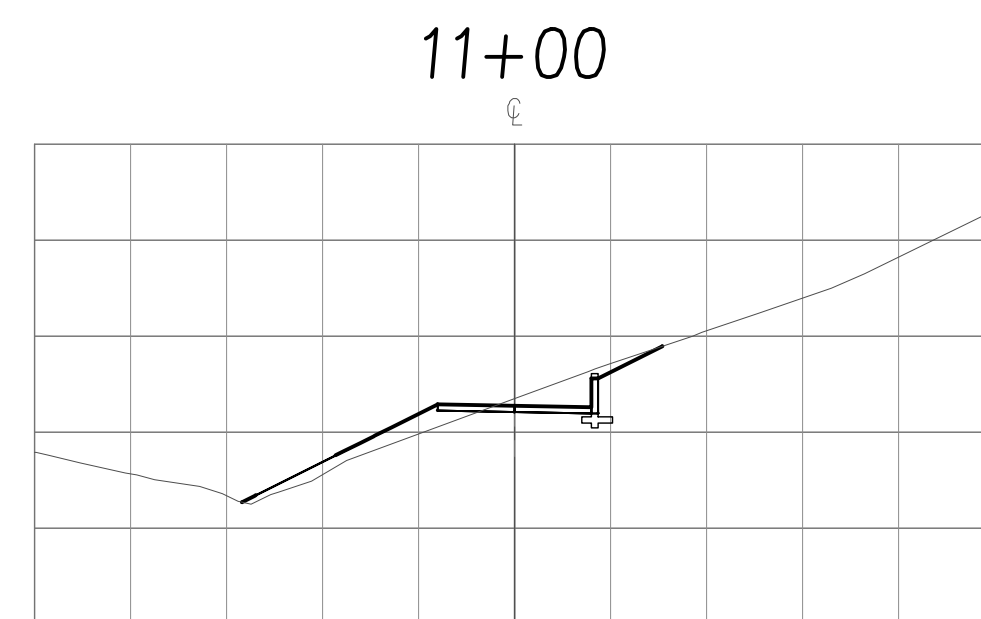
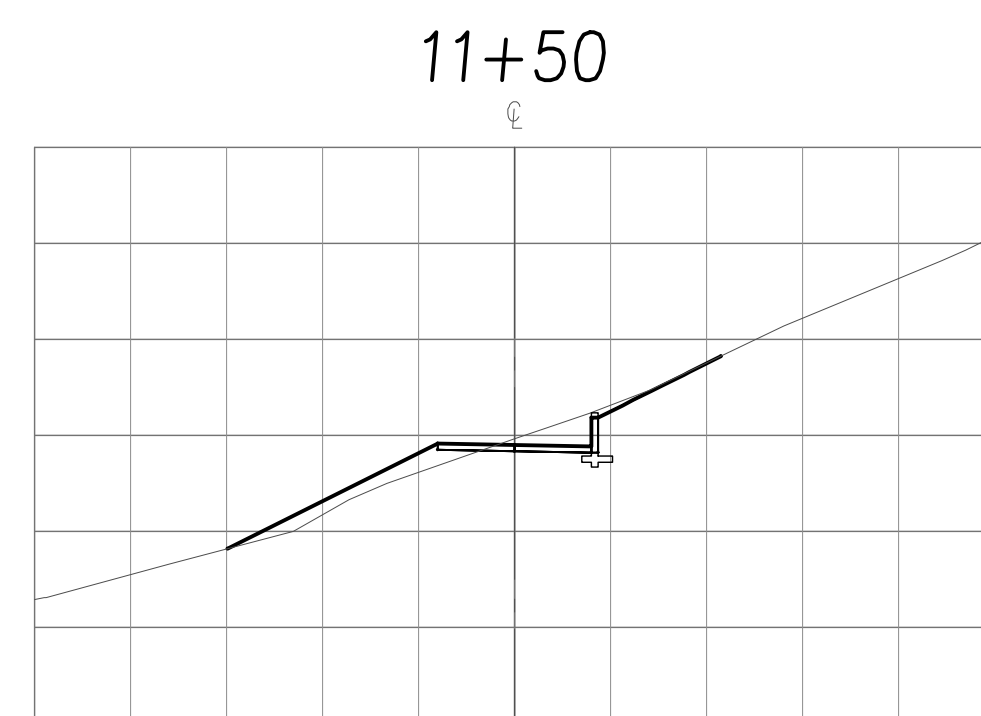
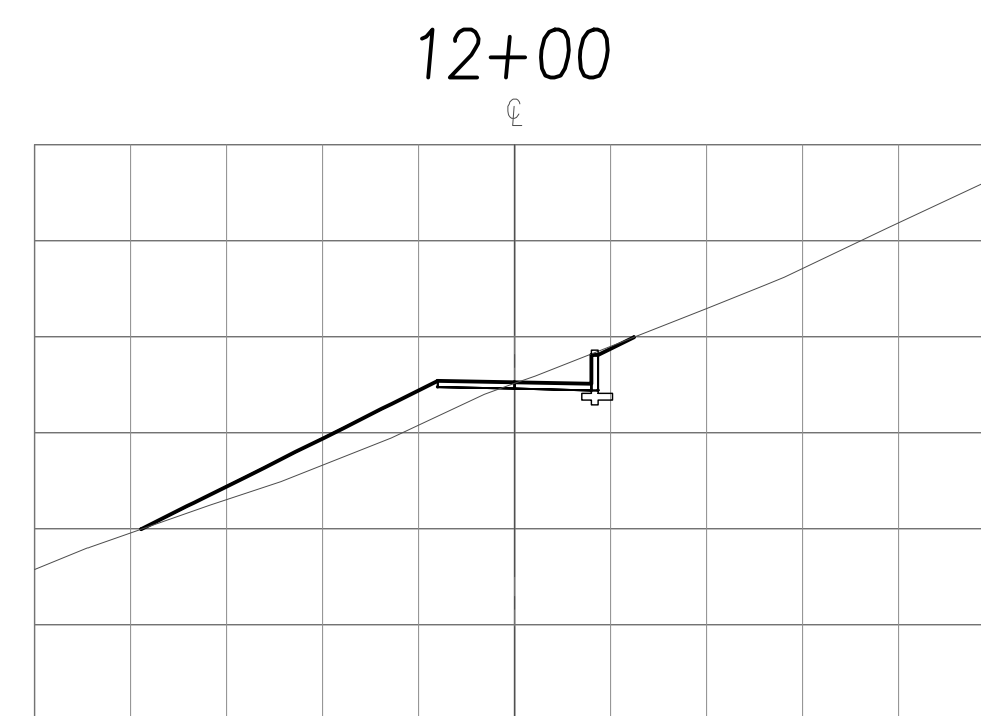
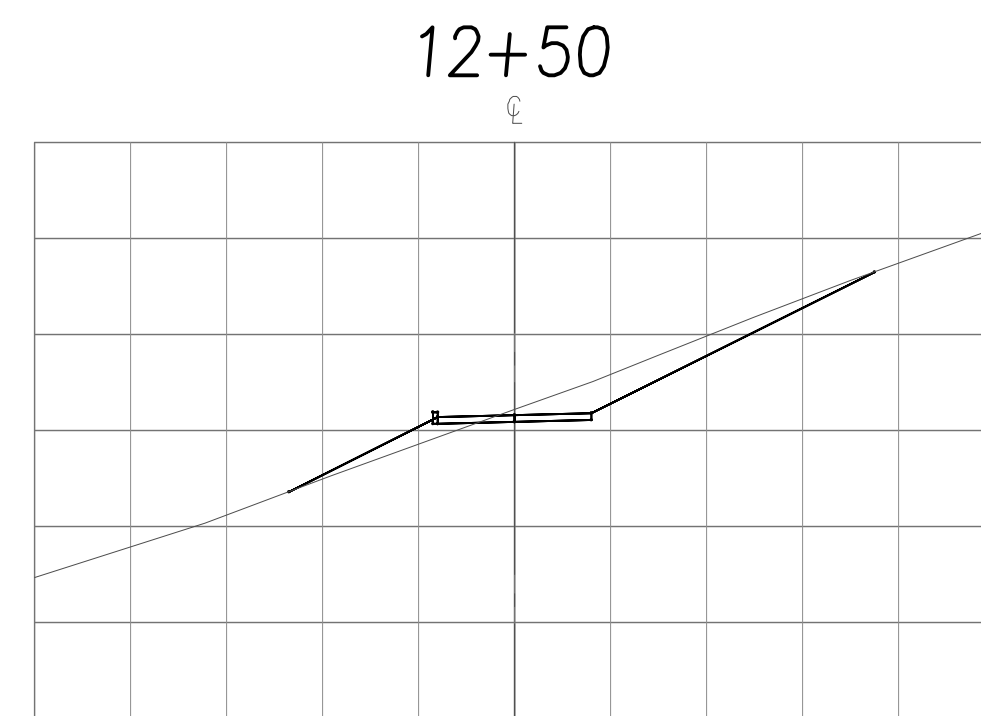
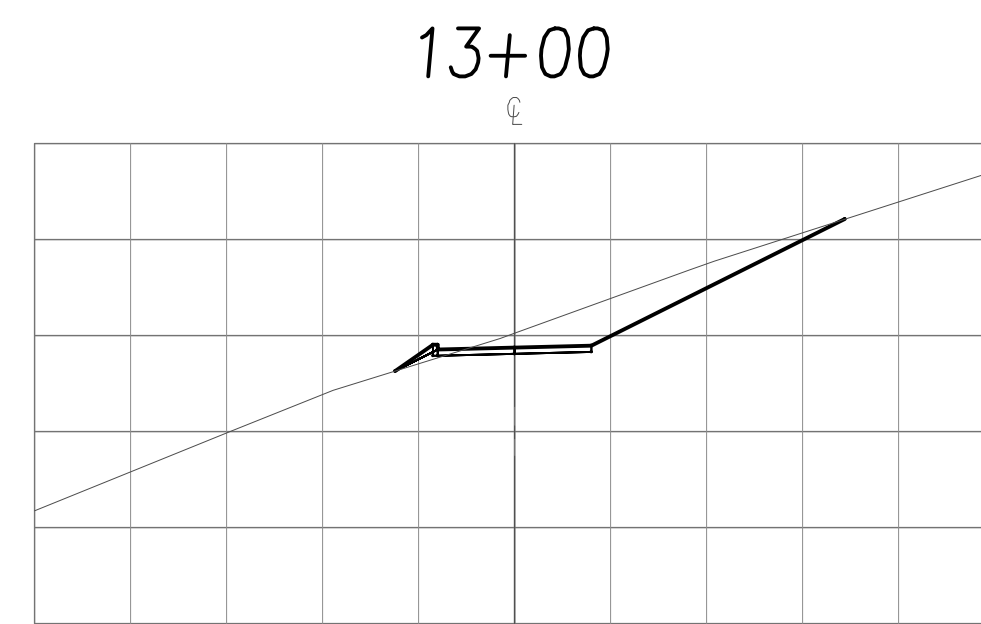
ROAD NAME : W SAN MARTIN AVE



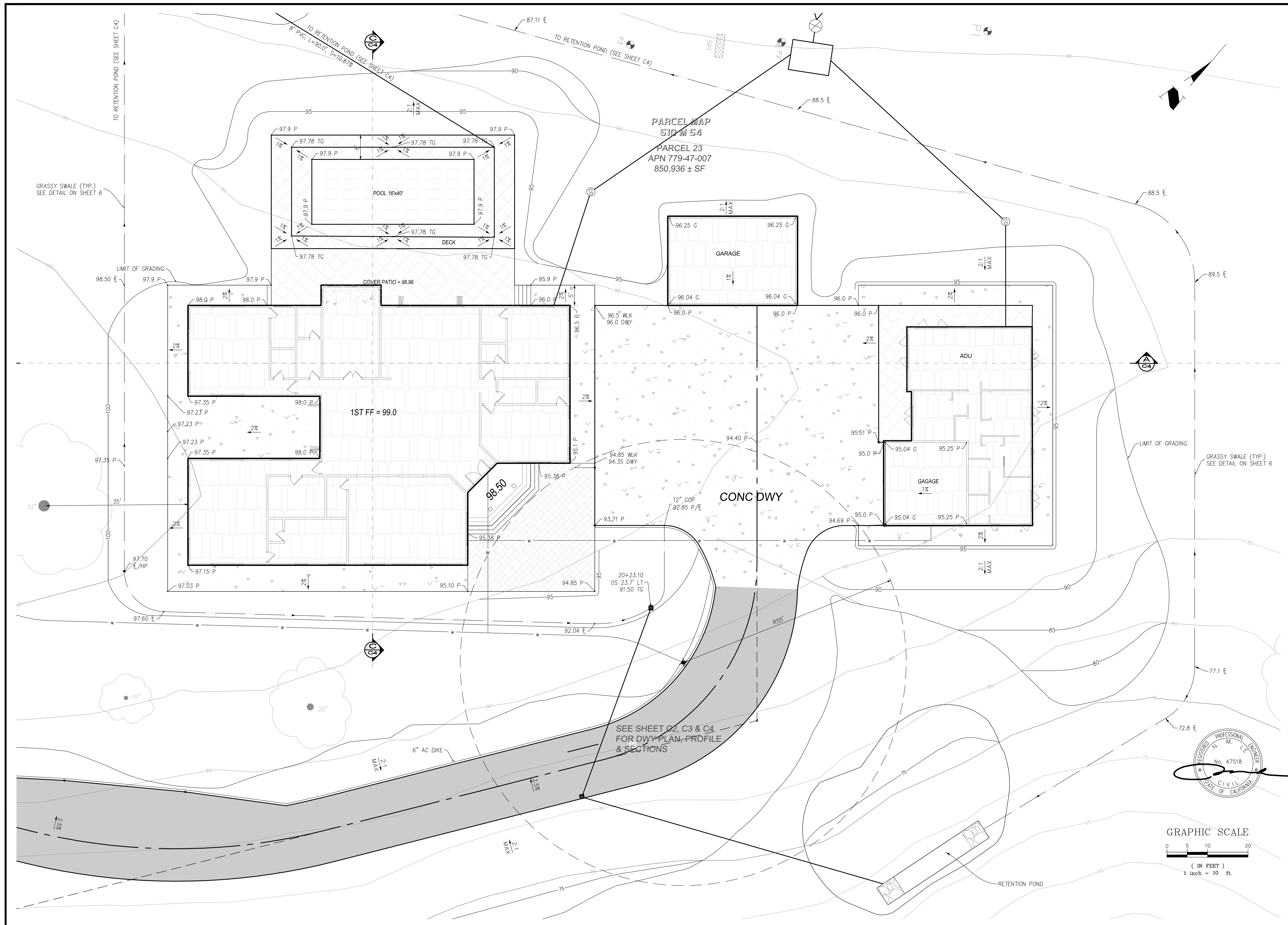
DRAWING NO. C3	DRIVEWAY PROFILE LAND OF JHA W SAN MARTIN AVE APN 779-47-007		PROJECT NO. San Martin	CONTRACT NO.	California	JC ENGINEERING 598 E Santa Clara St #270 San Jose, CA 95112 Phone: (408) 806-7187 Fax: (408) 583-4006	PT DESIGNED DATE 02/15/21	PT DATE 02/15/21	DRAWN DATE 02/15/21	SCALE 1" = 20'	NL CHECKED DATE 02/15/21	BY	DATE	APP'D	REVISIONS	NO.
	SHT NO. 3	OF 6					FILE NO.									

APPLICANT : JHA

ROAD NAME : W SAN MARTIN AVE



DRAWING NO.		C4		DRIVEWAY CROSS SECTIONS		LAND OF JHA W SAN MARTIN AVE APN 779-47-007		California		PROJECT NO.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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APPLICANT : JHA

ROAD NAME : W SAN MARTIN AVE

C5

SHT NO. 5 OF 6

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HOUSE SITE GRADING & DRAINAGE PLAN

LAND OF JHA
W SAN MARTIN AVE

APN 779-47-007

California

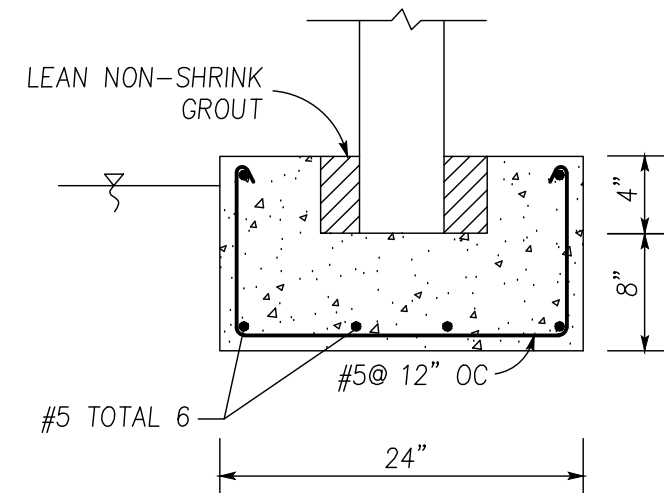
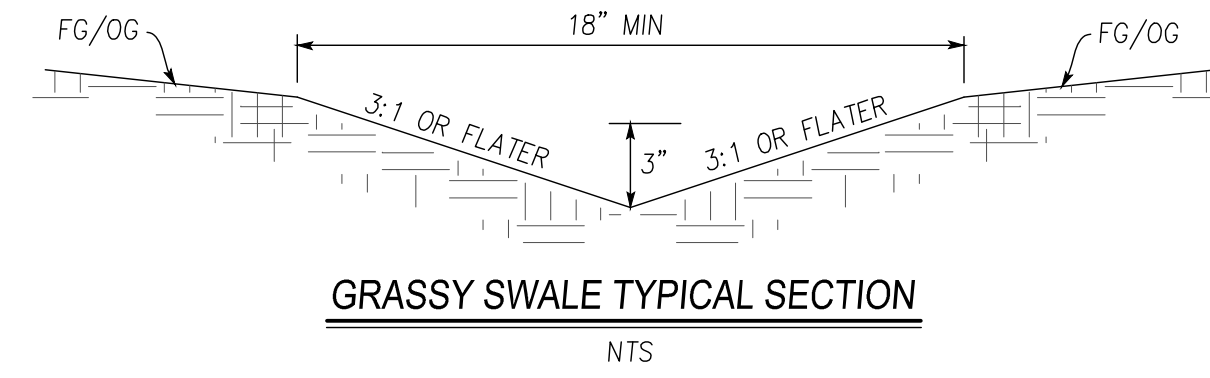
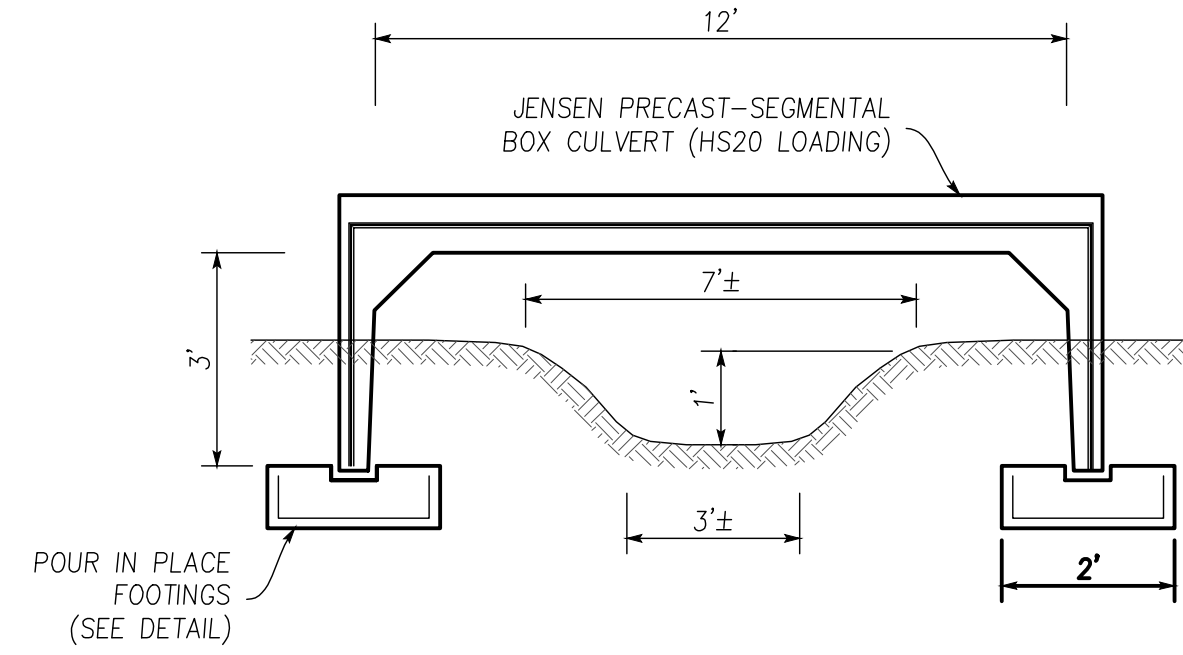
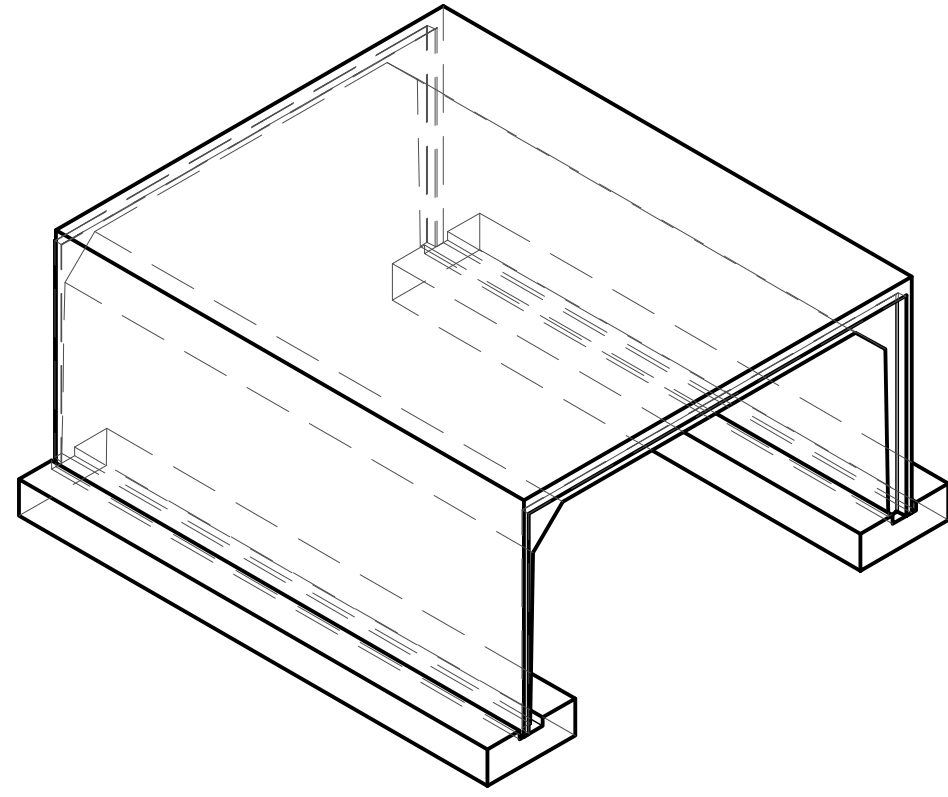
ENGINEERING

598 E Santa Clara St #270
San Jose, CA 95112
Phone: (408) 806-7187
Fax: (408) 583-4006

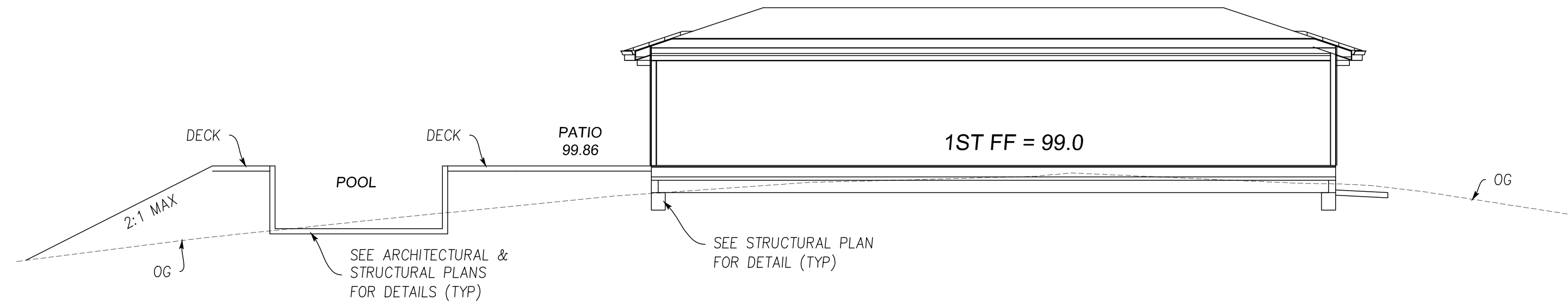


PT	DESIGNED	02/15/21
PT	DRAWN	02/15/21
1" = 10'		DATE
SCALE		DATE
NL	CHECKED	02/15/21
DATE		DATE

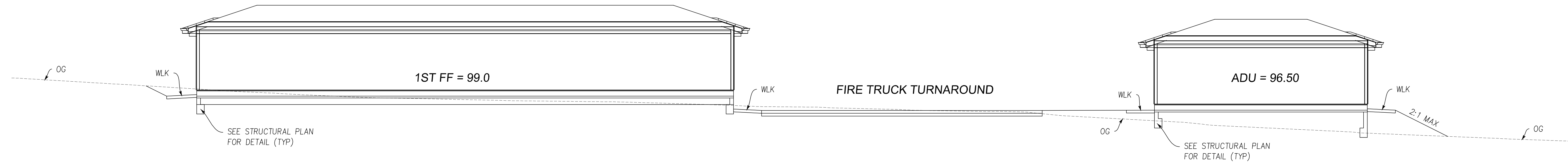
BY	DATE	APPROV	REVISIONS	NQ	



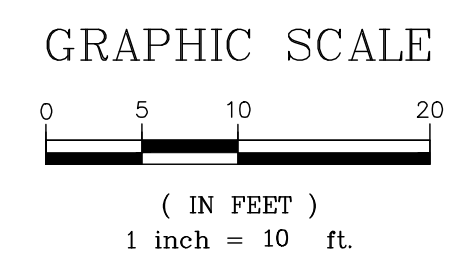
BOX CULVERT FOOTING DETAIL
NO SCALE



SECTION B-B



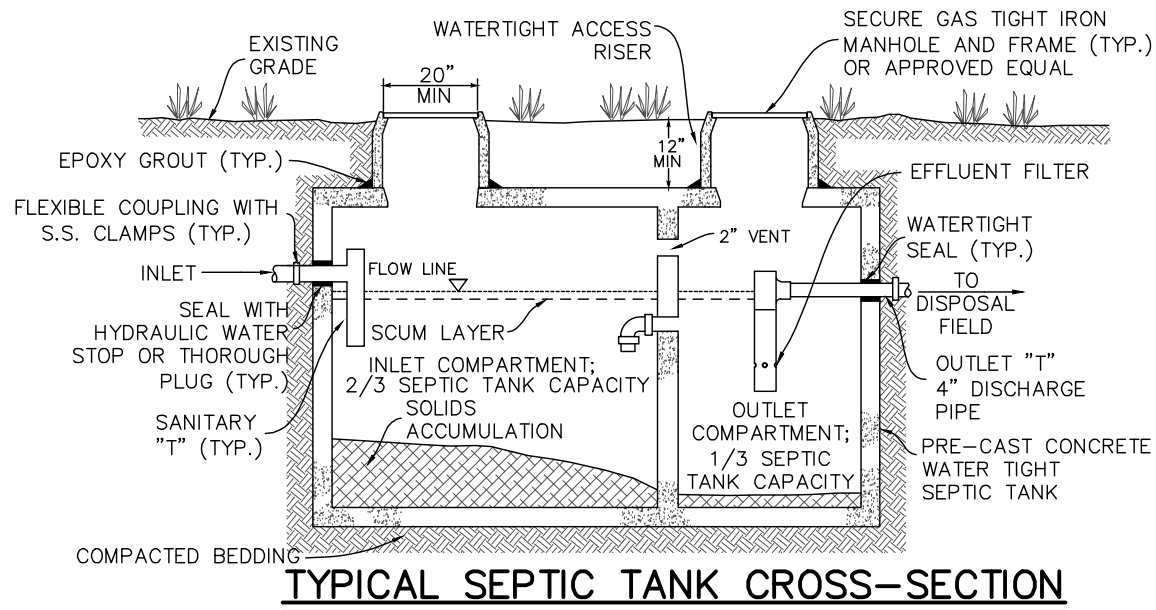
SECTION A-A



DRAWING NO.		BUILDING CROSS SECTIONS				PROJECT NO.		NO.	
C6		LAND OF JHA							
		W SAN MARTIN AVE							
		APN 779-47-007							
SHT NO.		San Martin		California		CONTRACT NO.		FILE NO.	
6		OF		6					
DESIGNED		DATE		PT		02/15/21			
DRAWN		DATE		PT		02/15/21			
SCALE		1" = 10'		NL		02/15/21			
CHECKED		DATE		BY		DATE		APP'D	
								REVISIONS	
								NO.	

JH ENGINEERING

598 E Santa Clara St #270
San Jose, CA 95112
Phone: (408) 806-7187
Fax: (408) 583-4006



CONCRETE TANKS MUST BE USED WHERE POSSIBLE. ALTERNATIVE MATERIALS ARE APPROVED ON A SITE SPECIFIC BASIS. THE DEPARTMENT OF ENVIRONMENTAL HEALTH MAINTAINS A LIST OF APPROVED SEPTIC TANKS.

*TABLE 3-1
WASTEWATER DESIGN FLOWS FOR SINGLE FAMILY RESIDENCES AND SECOND UNITS

No. of Bedrooms	Design Flow (gal/day)
1	150
2	300
3	450
4	525
5	600
6	675
>6	+75 per bedroom

*COUNTY OF SANTA CLARA - DEH
ONSITE SYSTEM MANUAL - MAY 2014

*TABLE 1. STANDARD WASTEWATER APPLICATION RATES-SEPTIC TANK EFFLUENT	
Percolation Rate (MPI)	Application Rate (gdp/ft ²)
18	0.67
19	0.65

TABLE 3-4. CONVENTIONAL OWTS DISPERSAL TRENCH DESIGN

PARAMETER	REQUIREMENT
Trench length	Determined based on design flow and percolation rate, see below
Trench width	Recommended maximum of 100' per trench
Trench Depth	18 inches minimum; 36 inches maximum
Minimum cover over rock, in inches*	2.5 feet minimum; 8 feet maximum
Depth of rock under pipe (minimum)*	12 inches
Depth of rock over pipe (minimum)*	12 inches
Size of rock *	¾ to 2½ inches
Spacing of trenches, center to center, in feet, minimum	2 times the depth of rock below pipe; 6 feet minimum, plus 1-foot additional spacing for every 5% increase in dispersal area ground slope above 20%

*OTHER MATERIALS MAY BE SUBSTITUTED FOR DRAINROCK IN THE DISPERSAL TRENCHES IF IT IS DETERMINED BY THE DIRECTOR THAT THE MATERIAL WILL SERVE THE SAME FUNCTION AS DRAINROCK AS FOLLOWS: 1) SUPPORT THE TRENCH SIDEWALLS AND MAINTAIN THE INTEGRITY OF THE INFILTRATIVE SURFACE; AND 2) PROVIDE ADEQUATE STORAGE FOR SEPTIC TANK EFFLUENT SURGES. THE MAXIMUM DEPTH AND SPACING BETWEEN TRENCHES MAY NOT BE MODIFIED. MATERIALS APPROVED AS DRAINROCK SUBSTITUTES MUST PROVIDE EQUIVALENT EFFECTIVE INFILTRATIVE SURFACE CONSISTENT WITH TRENCH SIZING REQUIREMENTS PER PARAGRAPH E3 BELOW. REDUCTION IN TRENCH SIZING REQUIREMENTS, UP TO 30%, MAY BE APPROVED BY THE DIRECTOR FOR IAPMO-CERTIFIED DISPERSAL SYSTEMS.

SEPTIC SYSTEM CONSTRUCTION NOTES

A. PROJECT REQUIREMENTS

- SYSTEM TO SERVE A NEW 6 BEDROOM, 6,208 SF LIVING AREA HOUSE AND A NEW 1 BEDROOM ACCESSORY DWELLING UNIT (ADU). INSTALLATION OF SYSTEM TO CONFORM TO SANTA CLARA COUNTY SEWAGE DISPOSAL ORDINANCE. CALL SANTA CLARA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH 24 HOURS MIN. PRIOR TO START OF WORK AT (408)-918-3400.
- SEWAGE DISPOSAL SYSTEM CONSISTS OF TWO EXIST 1,500 GALLON SEPTIC TANKS WITH WATERTIGHT ACCESS RISERS TO GRADE, A BULL-RUN DIVERSION VALVE, AND TWO 129 LF X 12" OF DISPOSAL FIELD OF 36" WIDE BY 30" DEEP DRAINROCK BED WITH INSPECTION RISERS TO GRADE. THE DISPERSAL FIELDS SHALL BE INTERCONNECTED WITH A DIVERSION VALVE. THE VALVE MUST BE CAPABLE OF DIRECTING THE SEPTIC TANK EFFLUENT TO ONE DISPERSAL FIELD AT A TIME.
- GROUND SLOPE OF DISPERSAL FIELD #1 & DISPERSAL FIELD #2 IS APPROXIMATELY 3.8% DISPERSAL FIELDS SHALL BE INSTALLED LEVEL AND ON CONTOURS AS SHOWN ON PLAN. EXCESS SOIL FROM LEACHFIELD CONSTRUCTION SHALL BE SPREAD ON SITE AT A DEPTH OF 8" MAX OR BE REMOVED OFF-SITE.
- THE DIVERSION VALVE SHALL BE OPERATED ANNUALLY TO ROTATE THE USE OF DISPERSAL FIELDS TO EXTEND THE LIFE OF THE SEPTIC SYSTEM.
- MARK CAPS OF ALL BULL RUN VALVES (DV) AND RISERS (R) WITH A PERMANENT MARKER OR LABEL.
- SWIMMING POOLS OR SPAS MUST NOT BE DRAINED OR BACKWASHED INTO THE SEPTIC SYSTEM.
- AVOID PLANTING TREES IN DISPERSAL FIELD OR CLOSE TO SEPTIC TANK.
- GARBAGE DISPOSAL IS NOT RECOMMENDED. IF THEY ARE INSTALLED, THEY SHOULD BE USED SPARINGLY OR NOT AT ALL.
- THE SOLIDS THAT ACCUMULATE IN THE SEPTIC TANK SHOULD BE REMOVED BY PUMPING EVERY 3-5 YEARS TO PREVENT SOLIDS FROM ENTERING AND CLOGGING THE DISPERSAL FIELD.
- ALL WORK TO BE PERFORMED BY AN APPROPRIATELY LICENSED CONTRACTOR.
- PRIOR TO STARTING CONSTRUCTION, CONTRACTOR SHALL CONTACT USA AT 1-800-227-2600 TO LOCATE ALL UNDERGROUND UTILITIES.

DISPERSAL TRENCH LENGTH CALCULATIONS

REFERENCE

SANTA CLARA COUNTY ONSITE
SYSTEM MANUAL (OSM), MAY 2014

WASTEWATER DESIGN FLOW (WWDF)

MAIN HOUSE NO. BEDROOM = 4
ACCESSORY DWELLING UNIT NO. BEDROOM = 3
FROM TABLE 3-1 OSM
4 BEDROOM HOUSE = 525 GAL/DAY
3 BEDROOM SECOND DWELLING UNIT = 450 GAL/DAY

WWDF = 975 GAL/DAY

STANDARD WASTEWATER APPLICATION RATES (SWAR)

AVERAGE ADJUSTED PERCOLATION RATE = 18.47 MPI

FROM TABLE 1 OSM WITH 18 MPI:

SWAR = 0.67

TRENCH LENGTH CALCULATIONS

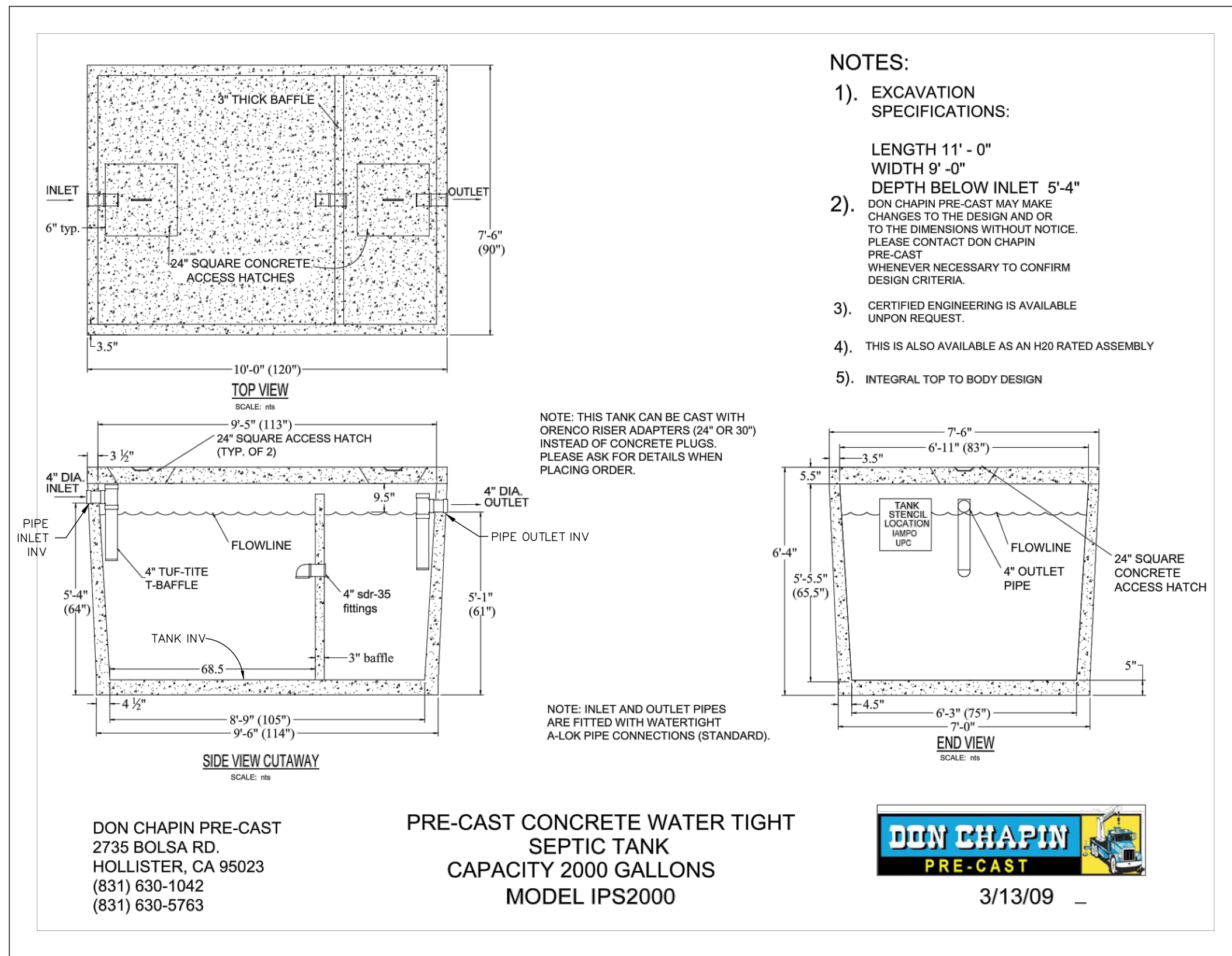
$L = \frac{Q}{RA}$
L = TRENCH LENGTH;
Q = DESIGN WASTEWATER FLOW (GPD)
R = SWAR (GPD/SF)
A = TOTAL INFILTRATIVE AREA PER LINEAL FOOT OF TRENCH (SF)

WITH LEACHFIELD AREA GROUND SLOPE < 20% &
SOIL PERCOLATION RATE BETWEEN 5 AND 60 MPI
USE INFILTRATIVE SURFACE OF 8 SF

$L = \frac{975}{(0.67)8} = 181.90'$; USE 182'

B. SEPTIC TANK REQUIREMENTS

- MINIMUM CAPACITY. SEPTIC TANKS MUST HAVE A MINIMUM CAPACITY OF TWO THOUSAND (2,000) GALLONS OR TWICE THE PEAK DAILY WASTEWATER FLOW FOR THE FACILITY SERVED, WHICHEVER IS GREATER. MINIMUM SEPTIC TANK CAPACITY FOR ASSISTED CARE FACILITIES SHALL BE EQUAL TO THREE TIMES THE PEAK DAILY WASTEWATER FLOW.
- TWO COMPARTMENTS. SEPTIC TANKS MUST BE OF TWO-COMPARTMENT CONSTRUCTION, WITH THE FIRST COMPARTMENT EQUAL TO TWO-THIRDS THE TOTAL TANK VOLUME. THE COMPARTMENTS MUST BE SEPARATED BY A BAFFLE OR EQUIVALENT ARRANGEMENT.
- MATERIALS. SEPTIC TANKS MUST BE WATERTIGHT, PROPERLY VENTED AND CONSTRUCTED OF REINFORCED CONCRETE, HEAVYWEIGHT REINFORCED CONCRETE BLOCKS, FIBERGLASS OR OTHER DURABLE, NON-CORRODIBLE MATERIALS AS APPROVED BY THE DIRECTOR. SEPTIC TANKS SHALL BE DESIGNED TO WITHSTAND ANY ANTICIPATED WEIGHT PLACED ABOVE IT. ALL SEPTIC TANKS SHALL BE LISTED AND APPROVED BY IAPMO OR AN ANSI ACCREDITED TESTING ORGANIZATION; EXCEPTION TO THIS REQUIREMENT MAY BE GRANTED WHERE STRUCTURAL DESIGN CALCULATIONS FOR THE SEPTIC TANK ARE PROVIDED BY A CALIFORNIA REGISTERED CIVIL ENGINEER.
- ACCESS OPENINGS. ACCESS TO EACH SEPTIC TANK COMPARTMENT MUST BE PROVIDED BY A MANHOLE OPENING AT LEAST TWENTY INCHES IN DIAMETER.
- ACCESS RISERS. A RISER MUST EXTEND FROM EACH MANHOLE OPENING TO OR ABOVE THE SURFACE OF THE GROUND. THE RISER MUST BE OF A SIZE LARGER THAN THE MANHOLE OPENING, BE BOTH GAS- AND WATER-TIGHT, BE CONSTRUCTED OF DURABLE MATERIAL AND EQUIPPED WITH A SECURE COVER.
- EFFLUENT FILTER. THE OUTLET OF THE SEPTIC TANK SHALL BE FITTED WITH AN EFFLUENT FILTER CAPABLE OF SCREENING SOLIDS IN EXCESS THREE-SIXTEENTHS (3/16) OF AN INCH IN DIAMETER AND CONFORMING TO NSF/ANSI STANDARD 46 OR AS OTHERWISE APPROVED BY THE DIRECTOR.
- TANK CONNECTIONS. ALL CONNECTIONS FROM BUILDING TO SEPTIC TANK MUST CONFORM TO CONSTRUCTION STANDARDS AS REQUIRED BY THE COUNTY BUILDING OFFICIAL.
- WATER-TIGHTNESS TESTING. ALL NEW SEPTIC TANK INSTALLATIONS AND MODIFICATIONS TO EXISTING SEPTIC TANKS SHALL UNDERGO WATER-TIGHTNESS TESTING AS FOLLOWS:
A) NEW TANKS: FOR NEW TANK INSTALLATIONS, THE TESTING SHALL BE DONE WITH THE RISERS IN PLACE AND THE INLET AND OUTLET PIPES PLUGGED. THE TANK SHALL BE FILLED WITH WATER TO A LEVEL EXTENDING A MINIMUM OF TWO (2) INCHES INTO THE RISERS, AND MONITORED FOR A 1- HOUR PERIOD, WITH NO MEASURABLE DROP IN THE WATER LEVEL.
B) EXISTING TANKS: FOR EXISTING TANKS, THE TANK SHALL BE FILLED WITH WATER TO A LEVEL EVEN WITH THE INVERT OF THE OUTLET PIPE, AND MONITORED FOR A 1-HOUR PERIOD, WITH NO MEASURABLE DROP IN WATER LEVEL. HOWEVER, IN CASES WHERE THERE THE GROUNDWATER LEVEL IS KNOWN OR ESTIMATED TO RISE ABOVE THE LEVEL OF THE OUTLET PIPE DURING ANY TIME OF THE YEAR, THE WATER-TIGHTNESS TEST SHALL BE CONDUCTED FOLLOWING THE PROCEDURE FOR NEW TANK INSTALLATIONS; I.E., BY FILLING THE TANK WITH WATER INTO THE RISERS.



DON CHAPIN PRE-CAST
2735 BOLSA RD
HOLLISTER, CA 95023
(831) 630-1042
(831) 630-5763

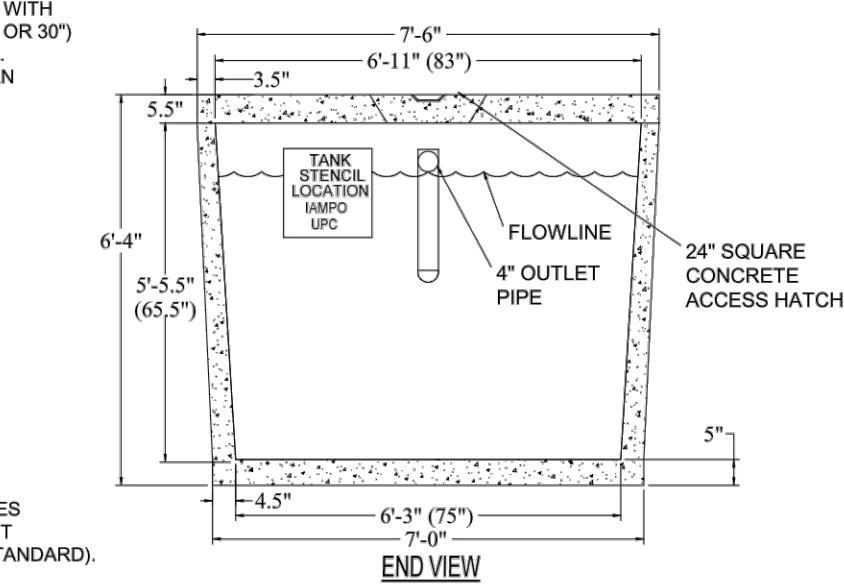
PRE-CAST CONCRETE WATER TIGHT
SEPTIC TANK
CAPACITY 2000 GALLONS
MODEL IPS2000

DON CHAPIN
PRE-CAST
3/13/09

NOTES:

- EXCAVATION SPECIFICATIONS:
LENGTH 11'-0"
WIDTH 9'-0"
DEPTH BELOW INLET 5'-4"
- DON CHAPIN PRE-CAST MAY MAKE CHANGES TO THE DESIGN AND OR TO THE DIMENSIONS WITHOUT NOTICE. PLEASE CONTACT DON CHAPIN PRE-CAST WHENEVER NECESSARY TO CONFIRM DESIGN CRITERIA.
- CERTIFIED ENGINEERING IS AVAILABLE UPON REQUEST.
- THIS IS ALSO AVAILABLE AS AN H20 RATED ASSEMBLY
- INTEGRAL TOP TO BODY DESIGN

NOTE: INLET AND OUTLET PIPES ARE FITTED WITH WATERTIGHT ALOK PIPE CONNECTIONS (STANDARD).



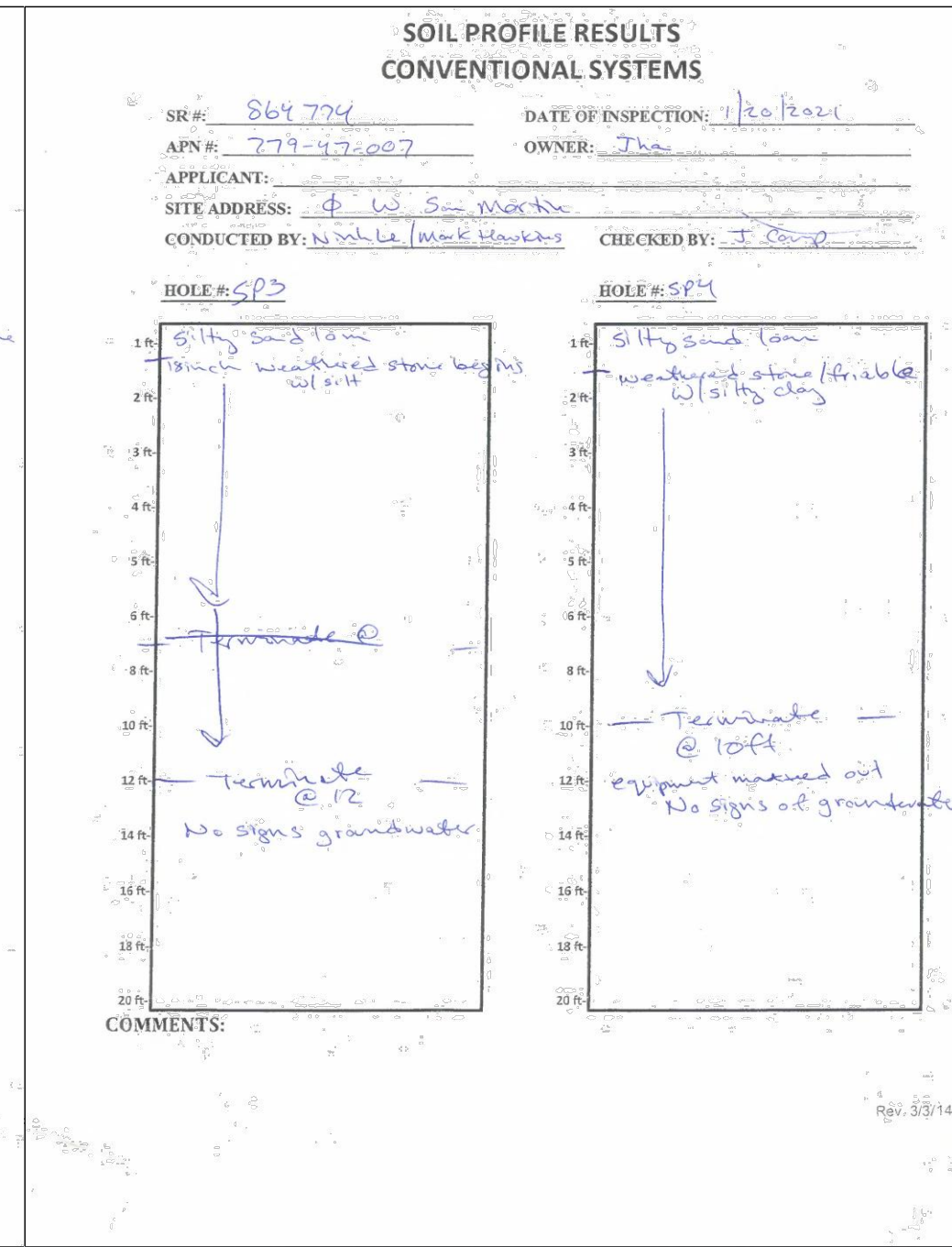
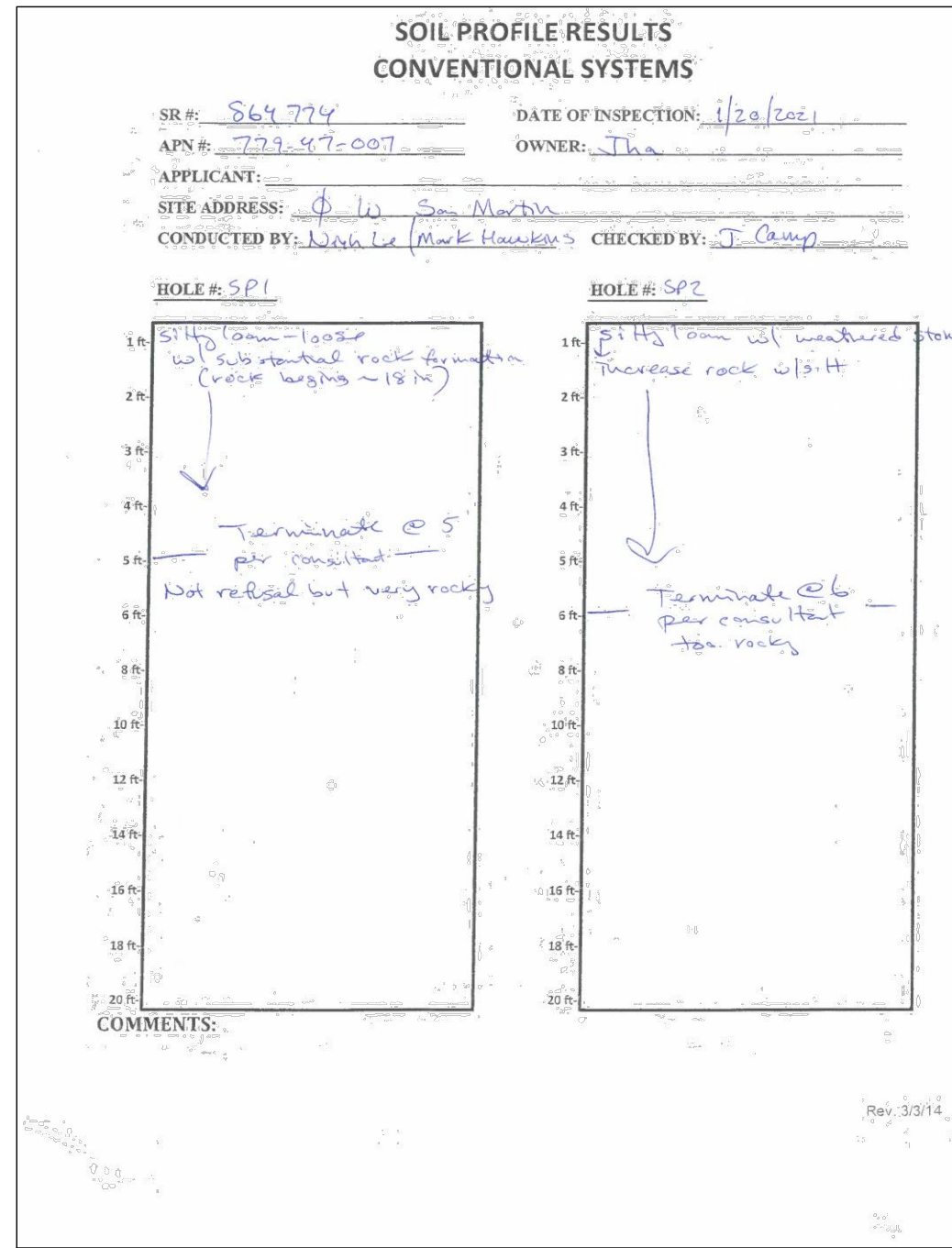
DON CHAPIN
PRE-CAST
3/13/09

C. PIPE REQUIREMENTS

- SOLID PIPE, JOINTS AND CONNECTIONS. SOLID (NON-PERFORATED) PIPE FOR OWTS MUST CONFORM TO THE STANDARDS OF THE MOST RECENT EDITION OF THE UNIFORM PLUMBING CODE, WHICH IS ADOPTED BY REFERENCE INTO THE COUNTY'S BUILDING ORDINANCES. PIPE DIAMETER MUST BE FOUR INCHES. ALL SOLID PIPE JOINTS AND CONNECTIONS MUST BE GULDED, CEMENTED OR MADE WITH AN ELASTOMERIC SEAL SO AS TO BE WATERTIGHT.
- TIGHTLINES UNDER RESIDENTIAL DRIVEWAY. TIGHTLINES IN RESIDENTIAL TRAFFIC AREAS MUST BE INSTALLED WITH SCHEDULE 40 PVC. AN ALTERNATIVE IS TO SLEEVE (I.E., DOUBLE PIPE) THE TIGHTLINE PIPE WITHIN AN OUTER PIPE CONSISTING OF SCHEDULE 40 PVC, ABS OR SUITABLE ALTERNATIVE AND RATED BY THE UNIFORM PLUMBING CODE.
- DISTRIBUTION PIPE. PERFORATED PIPE FOR CONVENTIONAL OWTS DISPERSAL SYSTEMS MUST CONFORM TO THE MOST RECENT EDITION OF THE UNIFORM PLUMBING CODE, WHICH IS ADOPTED BY REFERENCE INTO THE COUNTY'S BUILDING ORDINANCES. THE PIPE DIAMETER MUST BE FOUR INCHES.

D. DISPERSAL SYSTEM REQUIREMENTS

- TRENCH CONSTRUCTION.
A) TRENCHES MUST BE PLACED IN UNDISTURBED EARTH, IN AN ACCESSIBLE AREA, AND SHALL NOT BE COVERED BY PAVING OR OTHER IMPERMEABLE OR COMPACTED SURFACE. NATURAL TOPOGRAPHY SHALL NOT BE GRADED TO MODIFY SLOPE.
B) THE BOTTOM OF A TRENCH MUST BE LEVEL, WITH A VARIATION OF NO MORE THAN 2 INCHES PER 100 LINEAL FEET OF TRENCH; TRENCHES SHALL BE ALIGNED PARALLEL TO THE GROUND SURFACE CONTOURS TO THE GREATEST EXTENT PRACTICABLE.
C) ADJACENT TRENCHES ON SLOPES MUST BE CONNECTED WITH A WATERTIGHT OVERFLOW LINE ("RELIEF LINE") IN A MANNER THAT ALLOWS EACH TRENCH TO BE FILLED WITH SEWAGE EFFLUENT TO THE DEPTH OF THE ROCK BEFORE THE SEWAGE FLOWS TO THE NEXT LOWER TRENCH. ALTERNATIVELY, A DISTRIBUTION BOX (D-BOX) MAY BE USED TO EQUALLY DIVIDE THE FLOW AMONGST THE TRENCHES, PROVIDED THE PROPOSED D-BOX IS OF A DESIGN APPROVED AND LISTED BY THE DEH PER PART 3.1.E (MATERIALS AND EQUIPMENT) OF THIS MANUAL. FOR SYSTEMS LOCATED ON SITES HAVING SLOPES OF LESS THAN 5%, A "GRID" DESIGN MAY BE USED IN ACCORDANCE WITH GUIDELINES PROVIDED UNDER AT THE END OF THIS SECTION (E.3.F).
D) TRENCHES MUST NOT BE EXCAVATED WHEN THE SOIL IS SO WET THAT SMEARING OR COMPACTION OCCURS.
E) IN CLAY SOILS WHEN GLAZING OCCURS, THE TRENCH SURFACES MUST BE SACRIFICED TO THE DEPTH OF THE GLAZING AND THE LOOSE MATERIAL REMOVED.
F) ROCK MATERIAL IN THE TRENCH MUST BE WASHED AND FREE OF FINES, AND MUST BE COVERED WITH AN APPROVED FILTER FABRIC SILT BARRIER (GEOTEXTILE) PRIOR TO BACKFILLING WITH NATURAL EARTH.
G) A CAPPED INSPECTION RISER SHALL BE INSTALLED WITHIN EACH TRENCH TO PROVIDE A MEANS OF OBSERVING THE EFFLUENT LEVEL IN THE TRENCH.
H) EROSION CONTROL MEASURES SHALL BE IMPLEMENTED FOLLOWING INSTALLATION PER REQUIREMENTS OF SECTION B11-83(C) FOR ANY CONVENTIONAL DISPERSAL SYSTEM WHERE: (1) GROUND SLOPE EXCEEDS 20%; (2) ABOVE-GRADE COVER FILL IS ADDED; (3) DESIGN FLOW EXCEEDS 1,000 GPD; OR (4) A GRADING AND/OR DRAINAGE PERMIT IS REQUIRED FOR PROJECT SITE DEVELOPMENT PER DIVISION C12, CHAPTER III OF THE COUNTY CODE. THE PLAN SUBMITTAL FOR THE OWTS SHALL INCLUDE AN EROSION CONTROL PLAN IN ACCORDANCE WITH REQUIREMENTS OF ORDINANCE SECTION B11-83(C).



**County of Santa Clara - Department of Environmental Health
SOIL PERCOLATION TEST RECORDED MEASUREMENTS**

OWN 277-02-002 Jha

SR# 0864774, Jha

REIN: Jha, Jha

LOCATION: NAL, San Jose, CA

PHONE: 408-697-8787 DATE: 1/16/11

CONTACT PERSON: Nick La, Jha

HOLE #	DEPTH	TIME	WATER LEVEL	HOLE #	DEPTH	TIME	WATER LEVEL	HOLE #	DEPTH	TIME	WATER LEVEL	HOLE #	DEPTH	TIME	WATER LEVEL
START	TIME	START	TIME	START	TIME	START	TIME	START	TIME	START	TIME	START	TIME	START	TIME
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2.0	1:02	1:00	1:00	2.0	1:02	1:00	1:00	2.0	1:02	1:00	1:00	2.0	1:02	1:00	1:00
3.0	1:03	1:00	1:00	3.0	1:03	1:00	1:00	3.0	1:03	1:00	1:00	3.0	1:03	1:00	1:00
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35.0	1:35	1:00	1:00	35.0	1:35	1:00	1:00	35.0	1:35	1:00	1:00	35.0	1:35	1:00	1:00

AV = 9.6m

AV = 4.0 m

NO USED

HOLE #	DEPTH	TIME	WATER LEVEL	HOLE #	DEPTH	TIME	WATER LEVEL	HOLE #	DEPTH	TIME	WATER LEVEL	HOLE #	DEPTH	TIME	WATER LEVEL
START	TIME	START	TIME	START	TIME	START	TIME	START	TIME	START	TIME	START	TIME	START	TIME
1.0	1:01	1:00	1:00	1.0	1:01	1:00	1:00	1.0	1:01	1:00	1:00	1.0	1:01	1:00	1:00
2.0	1:02	1:00	1:00	2.0	1:02	1:00	1:00	2.0	1:02	1:00	1:00	2.0	1:02	1:00	1:00
3.0	1:03	1:00	1:00	3.0	1:03	1:00	1:00	3.0	1:03	1:00	1:00	3.0	1:03	1:00	1:00
4.0	1:04	1:00	1:00	4.0	1:04	1:00	1:00	4.0	1:04	1:00	1:00	4.0	1:04	1:00	1:00
5.0	1:05	1:00	1:00	5.0	1:05	1:00	1:00	5.0	1:05	1:00	1:00	5.0	1:05	1:00	1:00
6.0	1:06	1:00	1:00	6.0	1:06	1:00	1:00	6.0	1:06	1:00	1:00	6.0	1:06	1:00	1:00
7.0	1:07	1:00	1:00	7.0	1:07	1:00	1:00	7.0	1:07	1:00	1:00	7.0	1:07	1:00	1:00
8.0	1:08	1:00	1:00	8.0	1:08	1:00	1:00	8.0	1:08	1:00	1:00	8.0	1:08	1:00	1:00
9.0	1:09	1:00	1:00	9.0	1:09	1:00	1:00	9.0	1:09	1:00	1:00	9.0	1:09	1:00	1:00
10.0	1:10	1:00	1:00	10.0	1:10	1:00	1:00	10.0	1:10	1:00	1:00	10.0	1:10	1:00	1:00
11.0	1:11	1:00	1:00	11.0	1:11	1:00	1:00	11.0	1:11	1:00	1:00	11.0	1:11	1:00	1:00
12.0	1:12	1:00	1:00	12.0	1:12	1:00	1:00	12.0	1:12	1:00	1:00	12.0	1:12	1:00	1:00
13.0	1:13	1:00	1:00	13.0	1:13	1:00	1:00	13.0	1:13	1:00	1:00	13.0	1:13	1:00	1:00
14.0	1:14	1:00	1:00	14.0	1:14	1:00	1:00	14.0	1:14	1:00	1:00	14.0	1:14	1:00	1:00
15.0	1:15	1:00	1:00	15.0	1:15	1:00	1:00	15.0	1:15	1:00	1:00	15.0	1:15	1:00	1:00
16.0	1:16	1:00	1:00	16.0	1:16	1:00	1:00	16.0	1:16	1:00	1:00	16.0	1:16	1:00	1:00
17.0	1:17	1:00	1:00	17.0	1:17	1:00	1:00	17.0	1:17	1:00	1:00	17.0	1:17	1:00	1:00
18.0	1:18	1:00	1:00	18.0	1:18	1:00	1:00	18.0	1:18	1:00	1:00	18.0	1:18	1:00	1:00
19.0	1:19	1:00	1:00	19.0	1:19	1:00	1:00	19.0	1:19	1:00	1:00	19.0	1:19	1:00	1:00
20.0	1:20	1:00	1:00	20.0	1:20	1:00	1:00	20.0	1:20	1:00	1:00	20.0	1:20	1:00	1:00
21.0	1:21	1:00	1:00	21.0	1:21	1:00	1:00	21.0	1:21	1:00	1:00	21.0	1:21	1:00	1:00
22.0	1:22	1:00	1:00	22.0	1:22	1:00	1:00	22.0	1:22	1:00	1:00	22.0	1:22	1:00	1:00
23.0	1:23	1:00	1:00	23.0	1:23	1:00	1:00	23.0	1:23	1:00	1:00	23.0	1:23	1:00	1:00
24.0	1:24	1:00	1:00	24.0	1:24	1:00	1:00	24.0	1:24	1:00	1:00	24.0	1:24	1:00	1:00
25.0	1:25	1:00	1:00	25.0	1:25	1:00	1:00	25.0	1:25	1:00	1:00	25.0	1:25	1:00	1:00
26.0	1:26	1:00	1:00	26.0	1:26	1:00	1:00	26.0	1:26	1:00	1:00	26.0	1:26	1:00	1:00
27.0	1:27	1:00	1:00	27.0	1:27	1:00	1:00	27.0	1:27	1:00	1:00	27.0	1:27	1:00	1:00
28.0	1:28	1:00	1:00	28.0	1:28	1:00	1:00	28.0	1:28	1:00	1:00	28.0	1:28	1:00	1:00
29.0	1:29	1:00	1:00	29.0	1:29	1:00	1:00	29.0	1:29	1:00	1:00	29.0	1:29	1:00	1:00
30.0	1:30	1:00	1:00	30.0	1:30	1:00	1:00	30.0	1:30	1:00	1:00	30.0	1:30	1:00	1:00
31.0	1:31	1:00	1:00	31.0	1:31	1:00	1:00	31.0	1:31	1:00	1:00	31.0	1:31	1:00	1:00
32.0	1:32	1:00	1:00	32.0	1:32	1:00	1:00	32.0	1:32	1:00	1:00	32.0	1:32	1:00	1:00
33.0	1:33	1:00	1:00	33.0	1:33	1:00	1:00	33.0	1:33	1:00	1:00	33.0	1:33	1:00	1:00
34.0	1:34	1:00	1:00	34.0	1:34	1:00	1:00	34.0	1:34	1:00	1:00	34.0	1:34	1:00	1:00
35.0	1:35	1:00	1:00	35.0	1:35	1:00	1:00	35.0	1:35	1:00	1:00	35.0	1:35	1:00	1:00

AV = 8.33m

AV = 18.62 m

HOLE #	DEPTH	TIME	WATER LEVEL	HOLE #	DEPTH	TIME	WATER LEVEL	HOLE #	DEPTH	TIME	WATER LEVEL	HOLE #	DEPTH	TIME	WATER LEVEL
START	TIME	START	TIME	START	TIME	START	TIME	START	TIME	START	TIME	START	TIME	START	TIME
1.0	1:01	1:00	1:00	1.0	1:01	1:00	1:00	1.0	1:01	1:00	1:00	1.0	1:01	1:00	1:00
2.0	1:02	1:00	1:00	2.0	1:02	1:00	1:00	2.0	1:02	1:00	1:00	2.0	1:02	1:00	1:00
3.0	1:03	1:00	1:00	3.0	1:03	1:00	1:00	3.0	1:03	1:00	1:00	3.0	1:03	1:00	1:00
4.0	1:04	1:00	1:00	4.0	1:04	1:00	1:00	4.0	1:04	1:00	1:00	4.0	1:04	1:00	1:00
5.0	1:05	1:00	1:00	5.0	1:05	1:0									

DRAWING NO.
SS2