

PROPOSED NEW GARAGE

664 CHARLES ST, SANTA ROSA CA 95404

CONTRACTOR'S RESPONSIBILITIES

- 1. CONTRACTORS, (INCLUDING OWNER-CONTRACTORS), PRIME AND SUB SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE PRIOR TO THE COMMENCEMENT OF THEIR WORK.
- 2. THE INTENT OF THESE DRAWINGS ARE NOT LIMITED TO THE EXPLICITLY OF THE CONTRACT DOCUMENTS, REPRESENTATIVE AND TYPICAL DETAILS ARE SHOWN TO ASSIST THE CONTRACTORS, THEY ARE NOT INTENDED TO ILLUSTRATE EVERY CONDITION.
- 3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE OWNER AND THE DESIGNER OF ANY CONDITIONS FOUND IN THE FIELD TO BE DIFFERENT FROM THOSE SHOWN ON THE PLANS OR OF ERRORS OMISSIONS ON THE PLANS WHICH MIGHT AFFECT THE CONDITION AND THE COMPLETION OF THE PROJECT.

MECHANICAL CONTRACTOR'S NOTES

- 1. MECHANICAL CONTRACTOR SHALL PROVIDE ANY REQUIRED DRAWING AND CALCULATIONS ETC. OF HEATING AND AIR CONDITIONING SYSTEMS FOR PERMITS.
- 2. MECHANICAL CONTRACTOR SHALL PROVIDE APPROVED VENTS FOR ALL GAS APPLIANCES AND AN APPROVED GAS SHUT-OFF CONSPICUOUSLY MARKED AT OUTSIDE OF BUILDING.

ELECTRICAL CONTRACTOR'S NOTES

- 1. ELECTRICAL CONTRACTOR SHALL PROVIDE ANY REQUIRED LINE DIAGRAMS, LOAD CALCULATIONS, ETC. FOR PERMIT.
- 2. ELECTRICAL CONTRACTOR SHALL VERIFY SITE CONDITIONS, SERVICE REQUIREMENTS AND SHALL DETERMINE SIZE AND LOCATION OF ELECTRICAL MAIN IF NEEDED.
- 3. ELECTRICAL CONTRACTOR SHALL VERIFY WITH MECHANICAL CONTRACTOR FOR CONTROL WIRING DIAGRAMS, EXACT LOCATION AND SIZE OF EQUIPMENT.
- 4. ELECTRICAL CONTRACTOR SHALL CHECK WITH ALL OTHER TRADES FOR THE LOCATION OF EQUIPMENT WHICH REQUIRES ANY HOOK-UP, DISCONNECT SWITCHES, RELAYS ETC. PRIOR TO START OF ANY WORK.

PLUMBING CONTRACTOR'S NOTES

- 1. PLUMBING CONTRACTOR SHALL PROVIDE ANY DRAWINGS OR REQUIRED DIAGRAMS, CALCULATIONS, ETC. FOR PERMIT.
- 2. PLUMBING CONTRACTOR SHALL VERIFY SITE CONDITIONS, SERVICE REQUIREMENTS AND SHALL DETERMINE SIZE AND LOCATION OF SERVICE FIXTURES AS NEEDED.
- 3. PLUMBING CONTRACTOR SHALL CHECK WITH ALL OTHER TRADES FOR THE LOCATION OF EQUIPMENT WHICH REQUIRES ANY CONSIDERATION, PRIOR TO START OF ANY WORK.

City of Santa Rosa Planning & Economic Development Department 11/02/2020 RECEIVED

SHEET NAME COVER & NOTES (N) SITE PLAN PROPOSED GROUND FLOOR PLAN, ROOF PLAN, ELEVATIONS & SECTIONS PROPOSED ROOF PLAN ELECTRICAL PLAN – GROUND FLOOR

SHEET #

G-001

CS-101

A-101

A-103

E-101

CS-101E	(E) SITE PLAN
AD-101	DEMO & EXISTING GROUND FLOOR PLAN, & RO
G1	CALGREEN RESIDENTIAL MANDATORY MEASUR
T24-0	TITLE 24 COMPLIANCE
T24-1	TITLE 24 COMPLIANCE

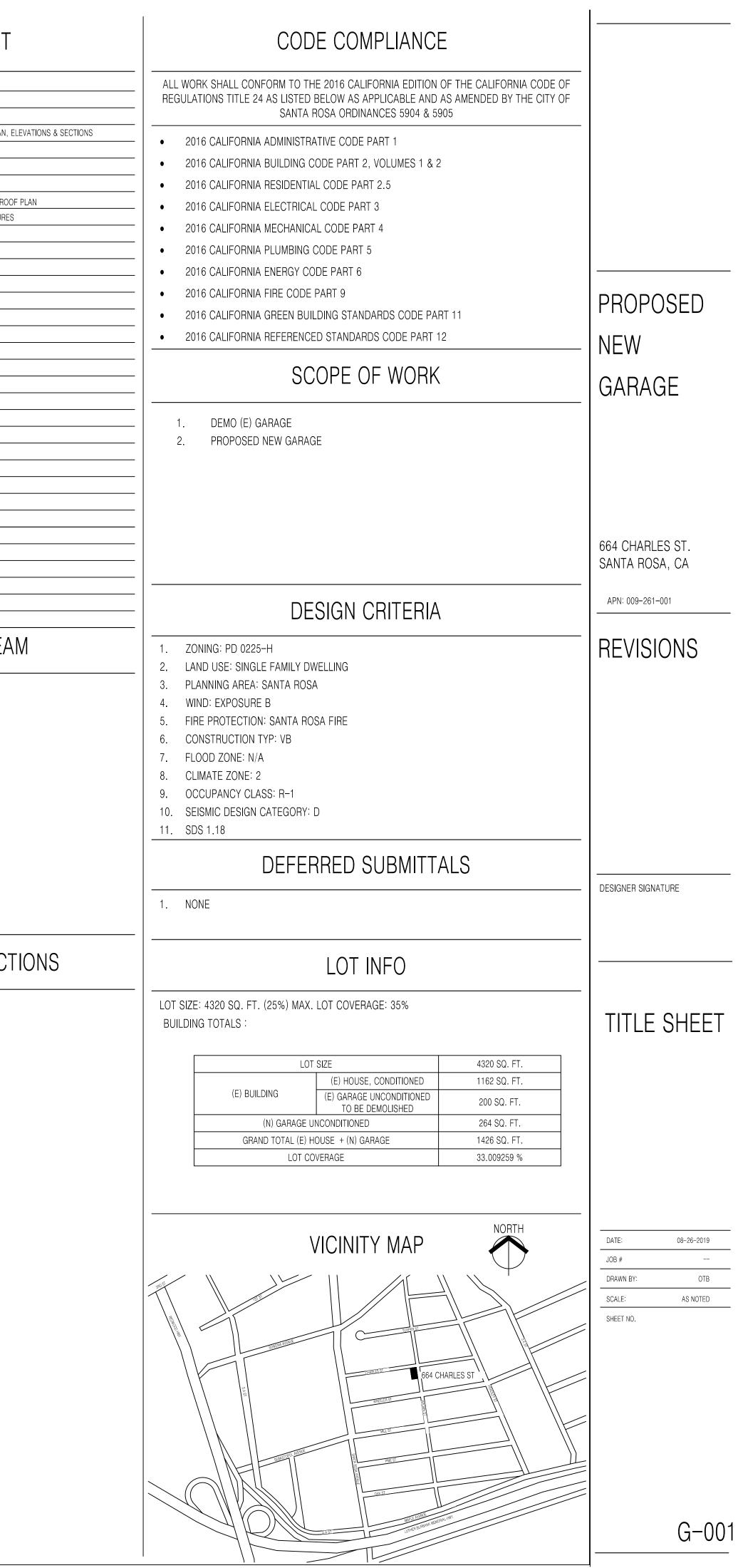
PROJECT TEAM

DESIGNER / DRAFTSMAN: OUTSIDE THE BOX - SETH GILLEY 707-495-8950 sethgilley@gmail.com

SPECIAL INSPECTIONS

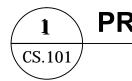
- NONE

SHEET LIST



LOT INFO				
	4320 SQ. FT.			
MAX LOT COVERAGE		35%		
(E) BUILDINGS	CONDITIONED	903 SQ. FT.		
(N) GARAGE	UNCONDITIONED	264 SQ. FT.		
TOTAL (E) BU	1167 SQ. FT.			
LOT COVERAGE		33%		

CHARLES ST <u>N 81° 1' 0" E</u> 36.00 (E) BUILDING 903 SQ. FT **BROWN ST** S 1° 59' 0" E 120.00 *S91* <u>S 1° 59' 0" E</u> 120.00 SETBA ī 166 (N) GARAGE 265 SQ. FT 11'-0" 3'-0" 5' SETBACK N 81° 1' 0" E 36.00



PROPOSED SITE PLAN

0 20' 40' 80' SCALE: 1/16" = 1'-0"



PROPOSED NEW GARAGE

664 CHARLES ST. SANTA ROSA, CA

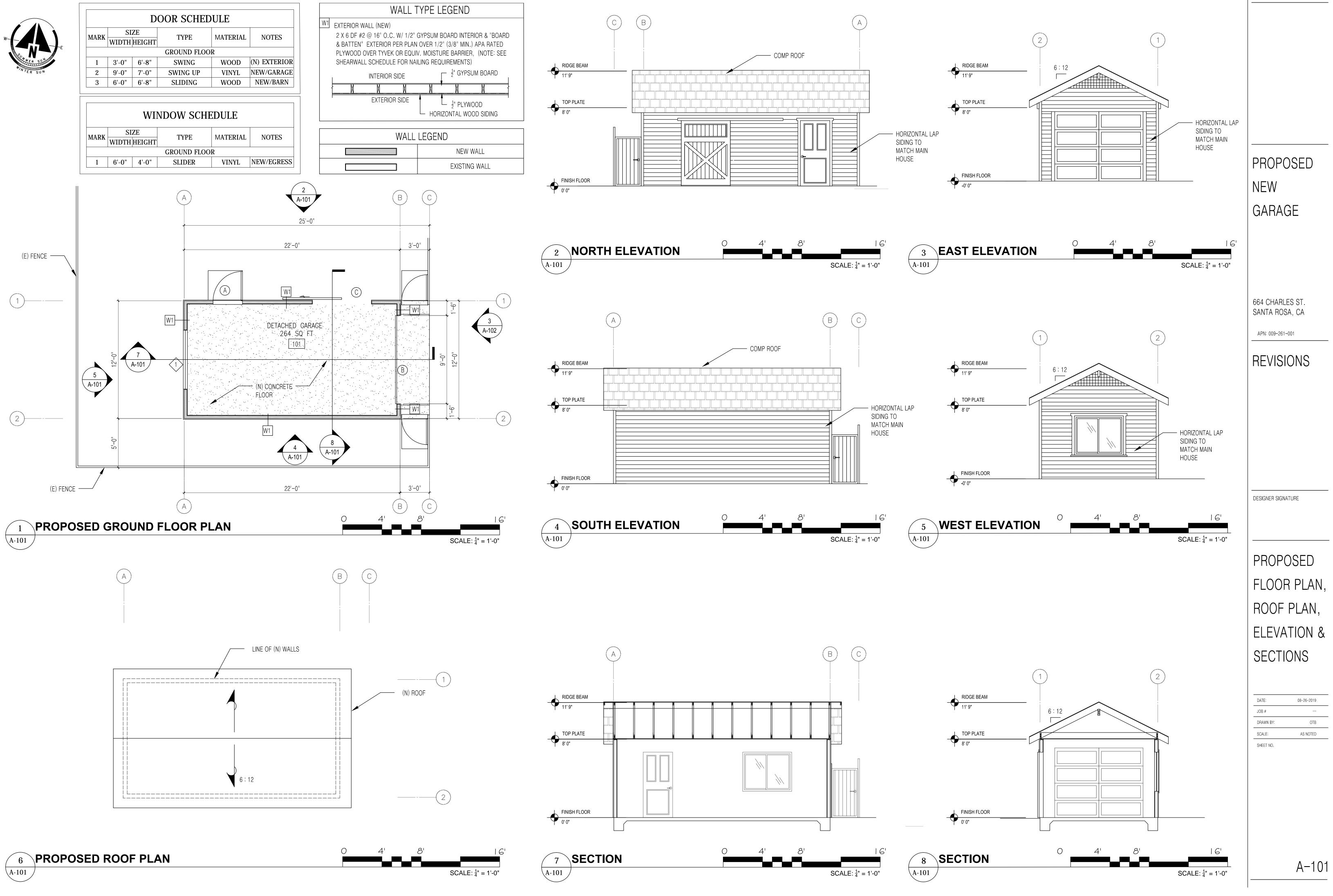
APN: 009-261-001

REVISIONS

DESIGNER SIGNATURE

SITE PLAN

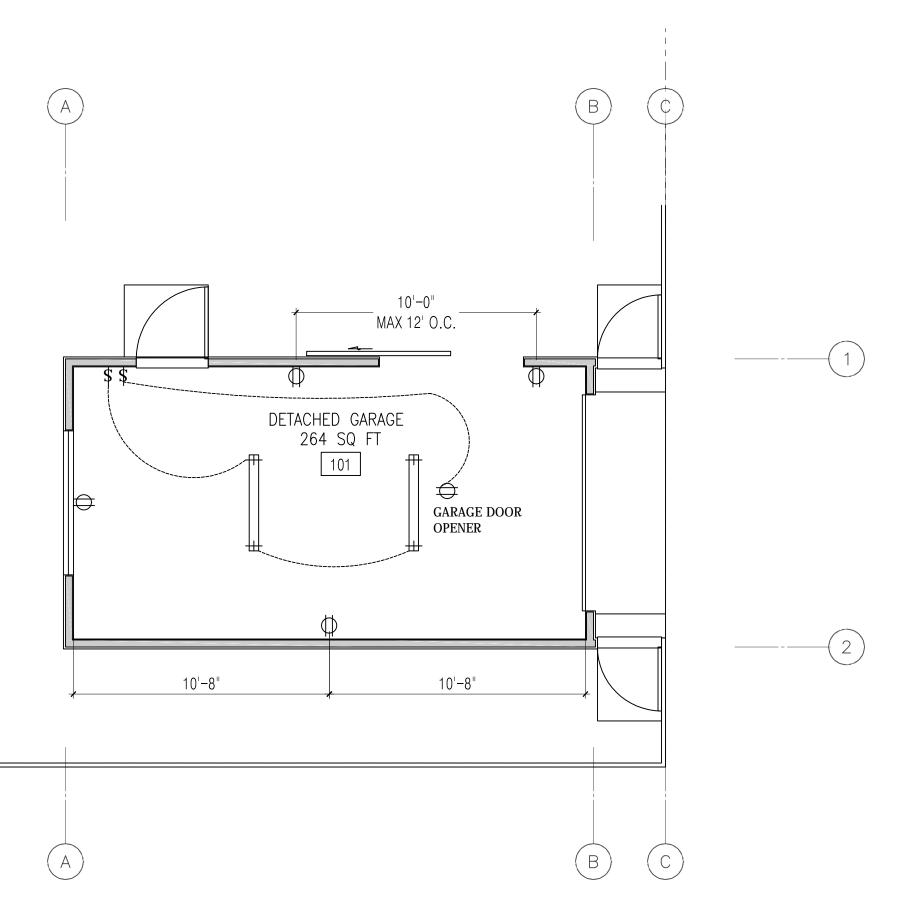
DATE:	08-26-2019	
JOB #		
DRAWN BY:	OTB	
SCALE:	AS NOTED	
SHEET NO.		





(2)-





LEGEND-UTILITIES		
\$	SINGLE POLE SWITCH	
\$ ²	DOUBLE POLE SWITCH	
₽₽	4' LED STRIP LIGHT	
Φ	110 V OUTLET	
ØGFI	GROUND FAULT INTERRUPT PROTECTED 110V OUTLET	

1 PROPOSED GARAGE ELECTRICAL PLAN SCALE: ¹/₄" = 1'-0"

LIGHTING NUTES

- 1. HIGH EFFICACY FIXTURES RECESSED INTO CEILING SHALL BE AIRTIGHT, IC RATED.
- 2. AT LEAST ONE LUMINAIRE IN EVERY BATHROOM, GARAGE, LAUNDRY ROOM AND UTILITY ROOMS IS REQUIRED TO BE HIGH EFFICIENCY AND CONTROLLED BY A VACANCY SENSOR
- 3. ALL PERMANENTLY MOUNTED EXTERIOR LUMINARIES SHALL BE HIGH EFFICACY OR CONTROLLED BY PHOTO-CONTORL, MOTION SENSOR, OR TIME CLOCK.
- 4. ALL (NEW) ROOMS EXCEPT, BATHROOMS, LAUNDRY AND GARAGE SHALL HAVE HIGH EFFICACY LIGHTING IF THE LIGHTING CIRCUIT IS CONTROLLED BY A DIMMER SWITCH OR AN OCCUPANT SENSOR.
- 5. HIGH EFFICACY LUMINARIES SHALL CONTAIN ONLY HIGH EFFICACY LAMBS & SHALL NOT CONTAIN A MEDIUM SCREW BASE SOCKET.
- 6. CLOTHES CLOSET LIGHT FIXTURE CLEARANCES SHALL CONFORM TO CEC §410.16. INCANDESCENT FIXTURES WITH OPEN OR PARTIALLY ENCLOSED LAMPS AND PENDANT FIXTURES OR LAMP HOLDERS ARE NOT ALLOWED IN CLOSETS.
- 7. LIGHT FIXTURES WITHIN THE OUTSIDE DIMENSION OF TUB OR SHOWER ENCLOSURES OR LESS THAN 8' VERTICALLY FROM THE TOP OF THE BATHTUB RIM OR SHOWER THRESHOLD, OR IN OTHER WET/DAMP LOCATIONS SHALL BE LABELED 'SUITABLE FOR DAMP LOCATIONS' (OR "SUITABLE FOR WET LOCATIONS" IF SUBJECT TO SHOWER SPRAY OR RAIN. §410.10 (A) AND (D)

ELECTRICAL NOTES

2016 CRC, CEC, CMC

- RECEPTACLES (OUTLETS):
- 1. RECEPTACLES MUST BE INSTALLED AT 6' O.C. MAXIMUM IN WALLS. WALLS LONGER THAN 2 FEET AND HALLS LONGER THAN 10 FEET MUST HAVE RECEPTACLES A RECEPTACLE MUST BE PROVIDED WITHIN 3' OF BATHROOM SINKS. (CEC 210.52)
- 2. NOTE: G.F.C.I. PROTECTED RECEPTACLES ARE REQUIRED FOR ALL KITCHEN RECEPTACLES THAT ARE DESIGNED TO SERVE COUNTERTOP SURFACES, IN BATHROOMS, UNDER-FLOOR SPACES AT OR BELOW GRADE AND IN ALL GARAGE OUTLETS NOT DEDICATED TO A SINGLE DEVICE OR APPLIANCE, & NEW EXTERIOR 110V RECEPTACLES. PER CEC 210.8
- 3. PROVIDE AT LEAST ONE RECEPTACLE OUTLET IN BATHROOM WITHIN 36 INCHES OF THE OUTSIDE EDGE OF EACH SINK BASIN. RECEPTACLE OUTLET SHALL BE LOCATED ON A WALL OR PARTITION THAT IS ADJACENT TO THE BASIN OR INSTALLED IN THE SIDE OR FACE OF THE BASIN CABINET NOT MORE THAN 12 INCHES BELOW THE COUNTERTOP.
- 4. RECEPTACLES AT KITCHEN COUNTERS MUST BE INSTALLED IN EVERY COUNTER SPACE 12 INCHES OR WIDER AND NOT GREATER THAN 4' O.C. AND WITHIN 24 INCHES OF THE END OF ANY COUNTER SPACE (INCLUDING AREAS WHERE SINKS OR APPLIANCES BREAK THE COUNTERTOP RUN) PER CEC 210.52
- 5. RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT FOR ALL 15 AND 20 AMPERE RECEPTACLES IN DWELLING UNIT FAMILY, DINING, LIVING, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS OR SIMILAR ROOMS. PER CECD 406.12
- 6. ALL 15 AND 20 AMP BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLING UNIT KITCHEN, FAMILY ROOMS, DINNING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, LAUNDRY AREAS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER, CONBINATION-TYPE, INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT PER CEC210.12(A)
- 7. FOR ONE FAMILY DWELLINGS, AND EACH UNIT OF A TWO FAMILY DWELLING THAT IS AT GRADE LEVEL, SPECIFY AT LEAST ONE EXTERIOR OUTLET (WATERPROOF/GFCI) AT THE FRONT AND BACK OF THE DWELLING. THE OUTLETS ARE TO BE NO MORE THAN 6 FEET 6 INCHES ABOVE GRADE PER CEC 210(E)(1)

CIRCUITS:

- 6. PROVIDE A MINIMUM OF AT LEAST ONE 20 AMP CIRCUIT FOR BATHROOM(S) RECEPTACLE OUTLETS. THIS CIRCUIT MAY SERVE MORE THAN ONE BATHROOM.
- 7. PROVIDE A MINIMUM OF AT LEAST ONE 20 AMP CIRCUIT FOR LAUNDRY BRANCH CIRCUIT. SUCH CIRCUITS SHALL HAVE NO OTHER RECEPTACLE OUTLETS (CEC 210.52F).
- 8. PROVIDE A MINIMUM OF AT LEAST TWO AMP CIRCUITS FOR KITCHENS AND DINING AREAS.
- 9. NOTE: ARC-FAULT CIRCUIT INTERRUPTER ALL BRANCH CIRCUITS THAT SUPPLY 125 VOLT SINGLE PHASE, 15 & 20 AMPERE RECEPTACLE OUTLETS INSTALLED IN DWELLING UNIT BEDROOMS SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER(S).

MAIN & SUB-PANELS:

- 10. 30 INCH MINIMUM CLEARANCE SHALL BE PROVIDED AROUND NEW ELECTRICAL SERVICE &/ OR SUB-PANELS.
- 11. DO NOT INSTALL ELECTRICAL PANELS LARGER THAN 16 SQUARE INCHES IN FIRE RATED WALLS.
- 12. GARAGE TO DWELLING UNIT SEPARATION IS NOT A FIRE RATED WALL (R302.4.2)
- 13. NEVER INSTALL ELECTRICAL PANELS IN A CLOSET (EXCEPTION: DEDICATED MECHANICAL CLOSETS).
- 14. SWITCHES MAINTAIN A MINIMUM CLEARANCE OF 30 INCHES IN FRONT OF ALL ELECTRICAL PANELS (CEC 110.26).
- 15. PROVIDE AT LEAST ONE WALL SWITCH CONTROLLED LIGHTING OUTLET IN EVERY HABITABLE ROOM, BATHROOM, HALLWAY, STAIRWAY, ATTACHED &/ OR DETACHED GARAGES WITH ELECTRICAL POWER AND AT OUTDOOR ENTRANCES OR EXITS.
- 16. WHEN ALTERATIONS, REPAIRS, OR ADDITIONS REQUIRE A PERMIT OR SLEEPING ROOMS ARE ADDED OR CREATED, SMOKE ALARMS SHALL BE INSTALLED WHERE REQUIRED IN NEW DWELLINGS. (R314.2.2)
- 17. SMOKE ALARMS (CRC R314.3) SHALL BE LOCATED IN EACH SLEEPING ROOM, OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS AND AT EACH FLOOR LEVEL, HALLWAY TO BEDROOM & ALL ROOMS ADJACENT TO HALLWAYS WITH CEILING HEIGHT 2 FEET HIGHER, AND ALSO TO BE LOCATED CLOSER THAN 20 FEET FROM A PERMANENT COOKING DEVICE. ALL ALARMS SHALL BE "PHOTO-ELECTRIC" HARDWIRED W/ BATTERY BACK-UP. SMOKE ALARMS SHALL BE INTERCONNECTED SUCH THAT ACTUATION OF ONE ALARM SHALL ACTIVATE ALL ALARMS. SMOKE ALARMS SHALL BE UL 217 RATED. PER CRC 314.3
- 18. CARBON MONOXIDE ALARMS SHALL BE PROVIDED IN DWELLING UNITS CONTAINING FUEL-BURNING APPLIANCE AND UNITS ATTACHED AND WITH AN OPENING THAT COMMUNICATES TO A GARAGE. CARBON MONOXIDE ALARM WILL BE LOCATED OUTSIDE OF EACH SLEEPING ROOM INCLUDING BASEMENT; IN CASE SLEEPING ROOM OR IT'S ATTACHED BATHROOM HAS A FUEL-BURNING APPLIANCE, ALARM WILL BE LOCATED INSIDE THE SLEEPING ROOM. COMBINATION OF CARBON MONOXIDE/ SMOKE ALARMS WILL BE PERMITTED IF COMPLY WITH R-315 AND SHALL FILL ALL OFFICE OF STATE FIRE MARSHAL'S REQUIREMENTS FOR SMOKE ALARMS. CARBON MONOXIDE ALARMS SHALL BE HARD-WIRED (WITH BATTERY BACKUP IF ELECTRICAL POWER IS INTERRUPTED) & INTERCONNECTED SUCH THAT ACTUATION OF ONE ALARM SHALL ACTIVATE ALL ALARMS. PER CRC R314 & R315
- 19. ELECTRIC VEHICLE OUTLET PER CGBSC CH. 4, DIVISION 4.1 4.106.4.1 FOR EACH DWELLING UNIT, INSTALL A LISTED RACEWAY TO ACCOMMODATE A DEDICATED 208/240-VOLT BRANCH CIRCUIT. THE RACEWAY SHALL NOT BE LESS THAN TRADE SIZE 1 (NOMINAL 1-INCH INSIDE DIAMETER). THE RACEWAY SHALL ORIGINATE AT THE MAIN SERVICE OR SUB PANEL AND SHALL TERMINATE INTO A LISTED CABINET, BOX OR OTHER ENCLOSURE IN CLOSE PROXIMITY TO THE PROPOSED LOCATION OF AN EV CHARGER. RACEWAYS ARE REQUIRED TO BE CONTINUOUS AT ENCLOSED, INACCESSIBLE OR CONCEALED AREAS AND SPACES. THE SERVICE PANEL AND/OR SUB PANEL SHALL PROVIDE CAPACITY TO INSTALL A 40-AMPERE MINIMUM DEDICATED BRANCH CIRCUIT AND SPACE(S) RESERVED TO PERMIT INSTALLATION OF A BRANCH CIRCUIT OVER CURRENT PROTECTIVE DEVICE. THE SERVICE PANEL OR SUB PANEL CIRCUIT DIRECTORY SHALL IDENTIFY THE OVER CURRENT PROTECTIVE DEVICE SPACE(S) RESERVED FOR FUTURE EV CHARGING AS □EV CAPABLE□. THE RACEWAY TERMINATION LOCATION SHALL BE PERMANENTLY AND VISIBLY MARKED AS EV CAPABLE.

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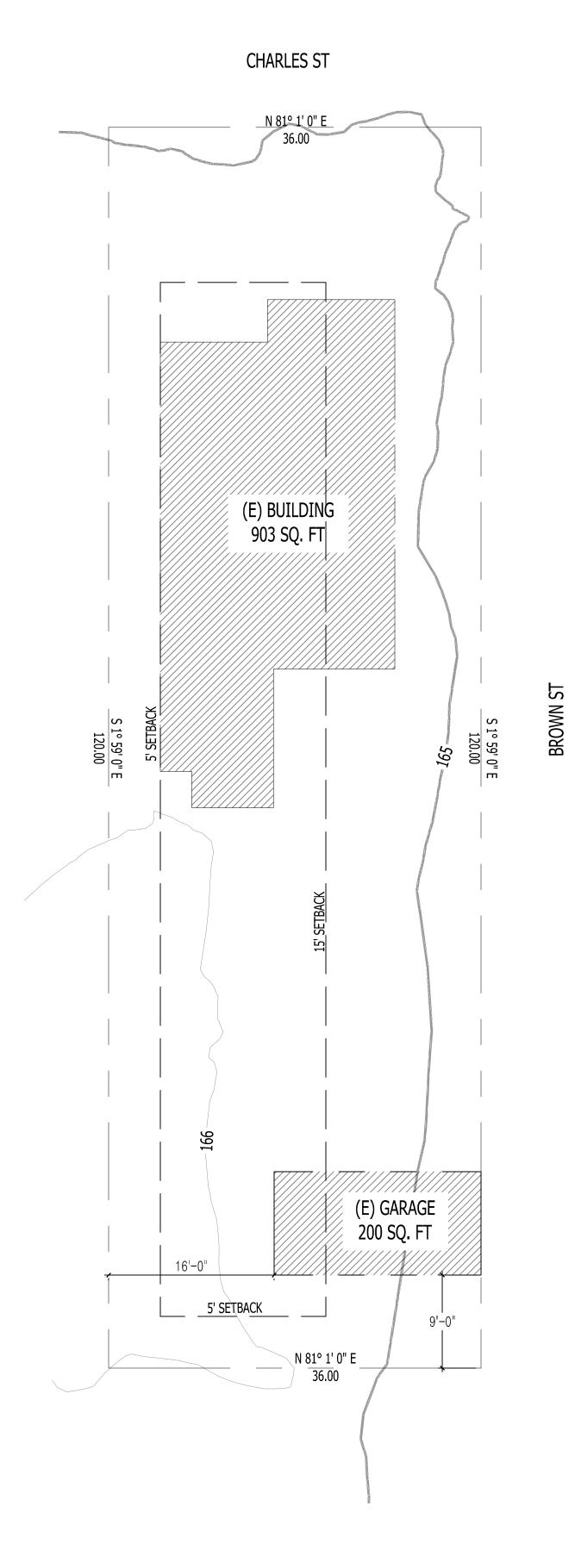
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DESIGNER SIGNATURE

PROPOSED ELECTRICAL PLAN

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LOT INFO				
LOT SIZE		4320 SQ. FT.		
MAX LOT COVERAGE		35%		
(E) BUILDINGS	CONDITIONED	903 SQ. FT.		
	GARAGE (NOT CONDITIONED)	200 SQ. FT.		
TOTAL (E) BUILDINGS		1103 SQ. FT.		
LOT COVERAGE		32%		







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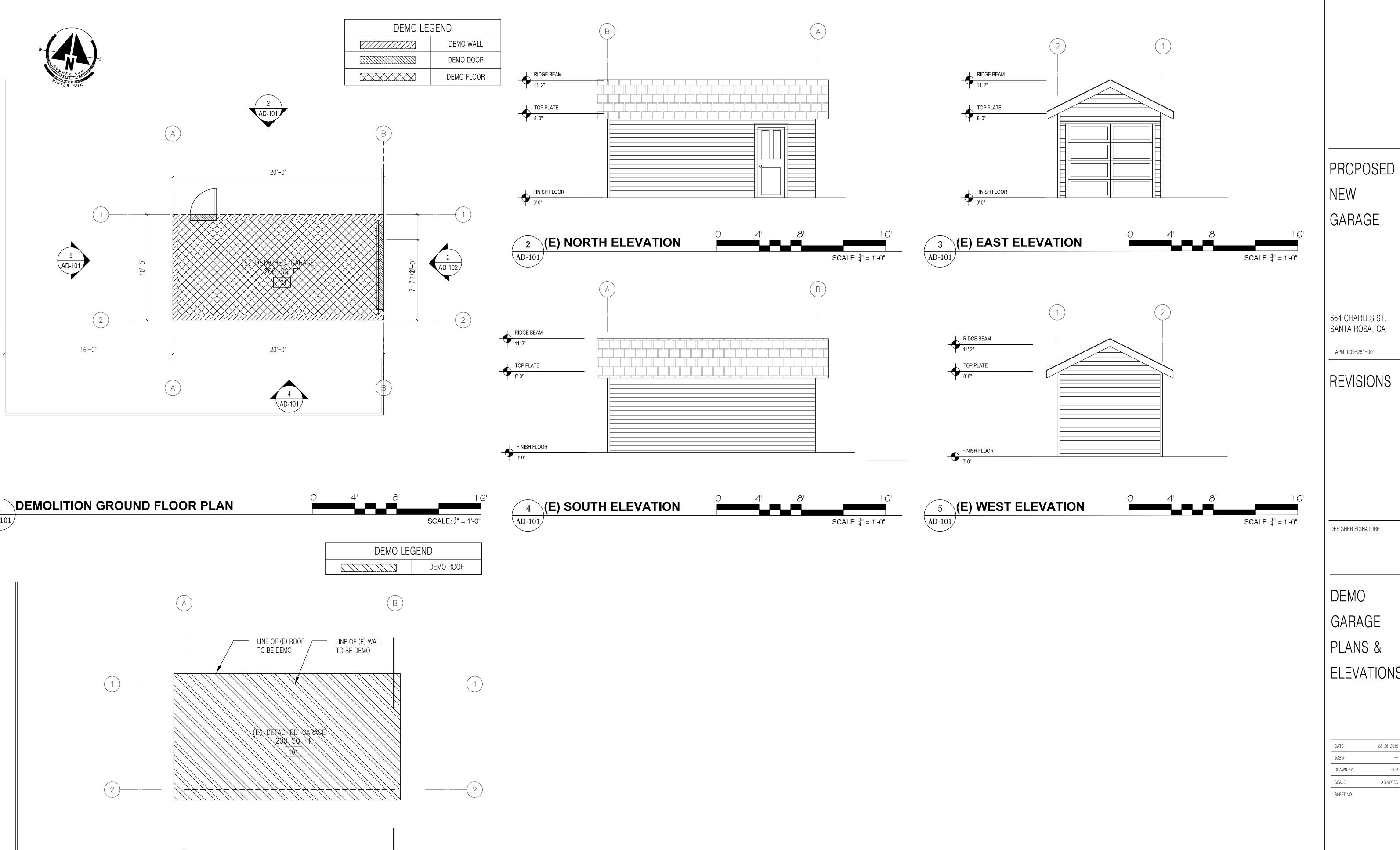
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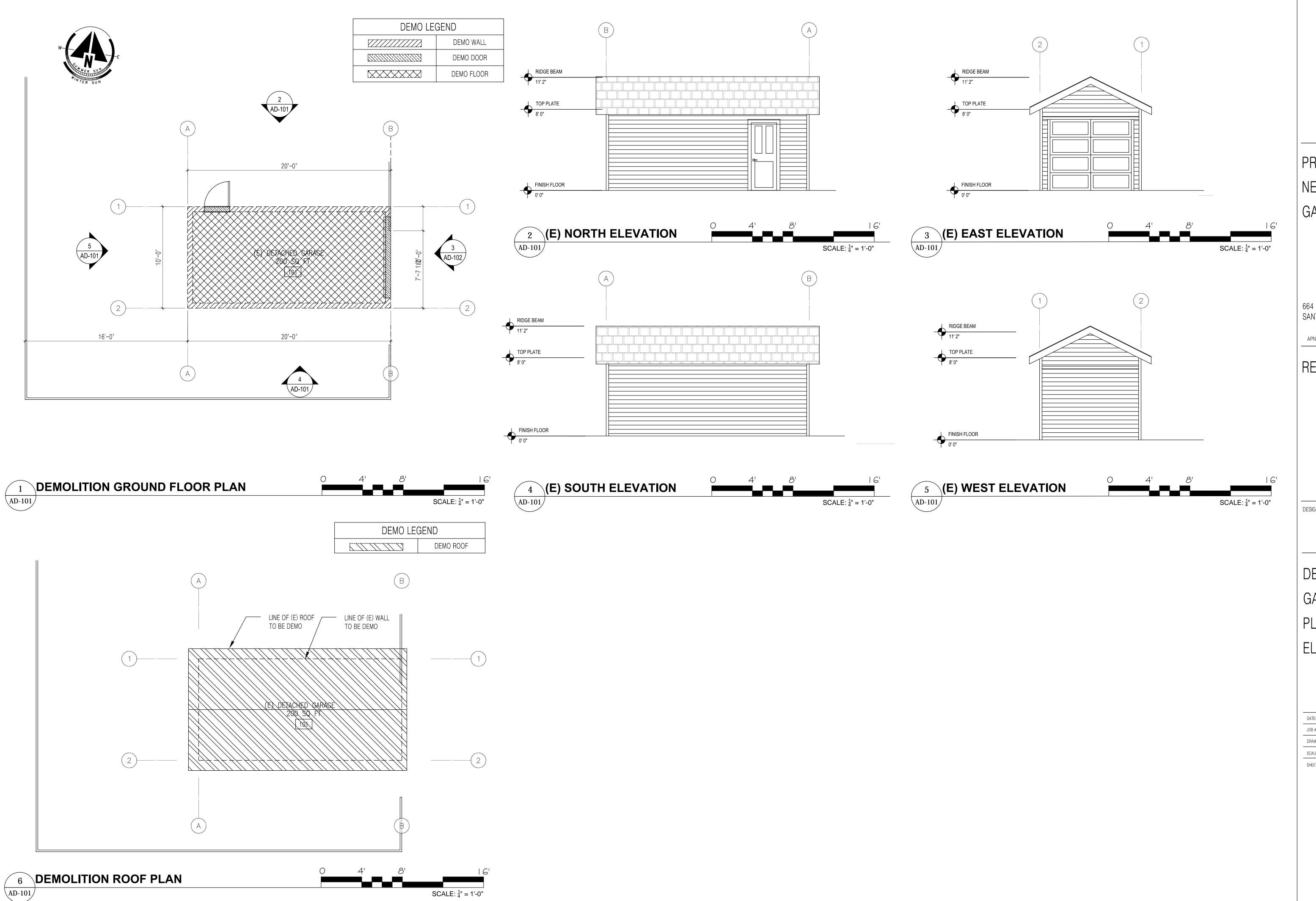
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 OTB

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SCALE: ¹/₄" = 1'-0"

DEMO GARAGE PLANS & ELEVATIONS

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