

Ν

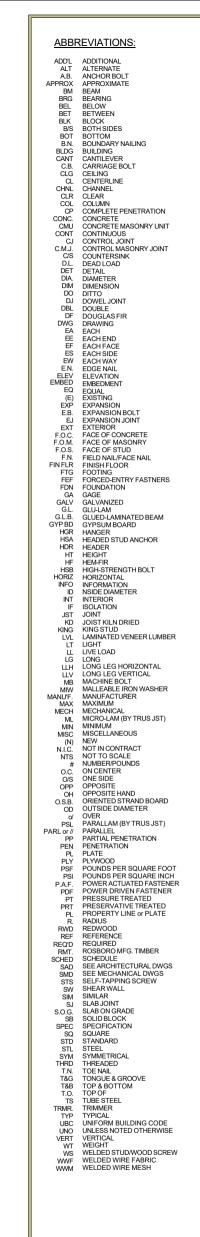
updated. Refer to Sheet AI.I.

5) The framing plans, strucutral plans, and foundation plan have been revised according to the updated calculations in accordance to the changes made to the architectural plans. Refer to Sheets S1.1, S1.2, S2.2, and S2.3 along with the revised Structural Calculations.
6) Additional details have been added for the revised framing and structural design. Details 7, 8, and 9 on Sheet S0.7 are new. Detail 6/S0.8 is new. Detail 3/S0.7 has been modified. Please refer to Sheets S0.7 and S0.8.

7) The sections, elevations, and electrical plans have been updated as needed for the floor plan changes. Refer to Sheets A1.3 through A1.6.

Please contact us with any questions or concerns.

Е



HEYRMAN RESIDENCE DETACHED GARAGE

PROPERTY OWNER:

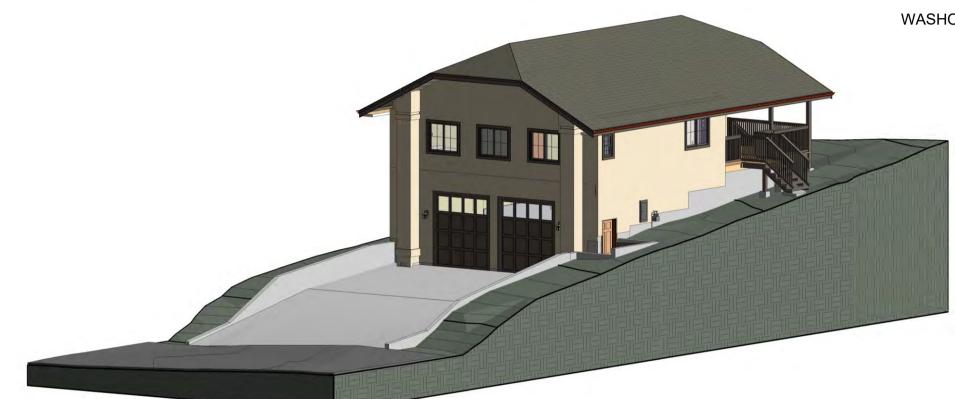
JULIE & MARK HEYRMAN 16185 N TIMBERLINE DR. **RENO. NV 89511** APN: 049-222-02

ENGINEER OF RECORD:



Dunagan Engineering, Inc.

4790 Caughlin Parkway #766, Reno, NV 89519 P. 775.329.2733 F. 888.873.0790 W. DElengineers.com



SYMBOLS

ROOM TAG **ROOM NAME** Area ROOM INFORMATION Base Finish Ceiling Finish Comment ELEV. REF. ELEVATION REFERENCE ELEVATION HEIGHT - 0,000' - 0" DRAWING NAME View Name 1 1/8" = 1'-0" DRAWING SCALE 0 GRID LETTER/NUMBER SHEET REFERENCE NUMBER SHEET NUMBER DETAIL REFERENCE NUMBER SHEET NUMBER

ELEVATION REFERENCE NUMBER 🛏 A101

> DOOR TYPE DOOR TYPE -



ROOM DESIGNATION

DATUM / ELEVATION

DRAWING TITLE

GRID BUBBLE

SECTION DESIGNATION

DETAIL DESIGNATION

EXTERIOR ELEVATION DESIGNATION

DOOR DESIGNATION

WINDOW DESIGNATION

NORTH ARROW

PROPERTY OWNER

PROPERTY LOCATION

PROPERTY INFORMATION

OCCUPANCY GROUP

FIRE SPRINKLERS

NUMBER OF STORIES

CODE EDITIONS

IGNITION RESISTANCE

JULIE & MARK HEYRMAN

PROJECT DATA

16185 N TIMBERLINE DR. RENO, NV 89511

TIMBERLINE ESTATES PHASE 1 LT 2 BLK C 1.006 ACRES APN: 049-222-02 ZONING LDS

R-3 (HOUSE) S-2 (GARAGE)

NONE - NOT REQUIRED PER 2018 INTERNATIONAL RESIDENTIAL CODE

2

 \triangle

2018 INTERNATIONAL RESIDENTIAL CODE (IRC) 2018 INTERNATIONAL BUILDING CODE (IBC) 2018 UNIFORM MECHANICAL CODE 2018 UNIFORM PLUMBING CODE 2017 NATIONAL ELECTRICAL CODE 2018 INTERNATIONAL WILDLAND URBAN INTERFACE CODE (IWUIC) ANSI 2017 2018 IECC 2018 NORTHERN NEVADA AMENDMENTS

HIGH FIRE HAZARD IR1: CONFORMING WATER SUPPLY w/ FIRE HYDRANT WITHIN 1000 FEET AND NON-CONFORMING 50 FT. DEFENSIBLE SPACE

SCOPE OF WORK: New two story wood structure detached garage w/ living space at upper level.

GENERAL CONTRACTOR:



P.O. BOX 19652 RENO, NV 89511 P. 775.815.3317 NV LICENSE # 0088416B WASHOE COUNTY LICENSE: W004164A

DESIGN CRITERIA ional Building Code (IBC)

Local Building Department Standards Soil Bearing (IBC Table 1806.2)

WIND DESIGN DATA

Floor Dead Load = Total Floor Load =

Speed, Vu = 120 m.p.h. (3-Second Gust) Risk Category II Wind Importance Factor, Iw = 1.00 Wind Exposure C Internal Pressure Coefficient = +/- 0.18 Components & Cladding Design Pressures (ASCE 7 Section 30.4.2): a = 3.5 ft (ASCE 7 Figure 30.4-1)

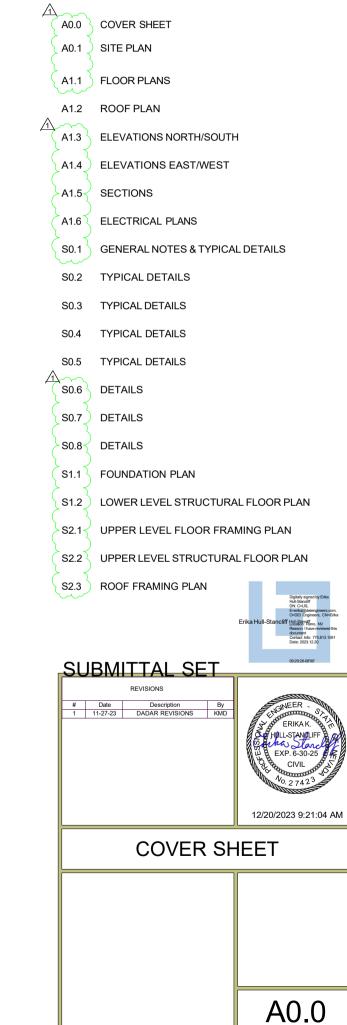
| Roof/Wall | Zone | Effective Wind Area | Design Wind Pressure, Pnot | | | |
|--|-------------|---------------------|----------------------------|--|--|--|
| Root/wall | Zone | (ft ²) | (psf) | | | |
| | 1 | 10 | 50.2 | | | |
| | 1 | 20 | 50.2 | | | |
| 1 50 42.5 1 100 368 2 10 79.9 2 20 70.0 2 50 57.0 2 100 47.0 | 42.5 | | | | | |
| E | 1 | 100 | 36.8 | | | |
| 0 | 2 | 10 | 79.9 | | | |
| 20 1 | 2 | 20 | 70.0 | | | |
| Å | 2 | 50 | 57.0 | | | |
| Roof | | | | | | |
| | 3 | 10 | 103.0 | | | |
| | 3 | 20 | 84.1 | | | |
| | 3 | 50 | 59.1 | | | |
| | 3 | 100 | 59.1 | | | |
| | 4 | 10 | 38.2 | | | |
| | 4 | 20 | 36.6 | | | |
| 1.1 | 4 | 50 | 34.5 | | | |
| Wall | 4 | 100 | 32.9 | | | |
| 8 | 5 | 10 | 47.2 | | | |
| | 5 5 5 | 20 | 44.0 | | | |
| | 5 | 50 | 39.8 | | | |
| · · · · · · · · · · · · · · · · · · · | 5 | 100 | 36.6 | | | |

SEISMIC DESIGN DATA 1.00 (Risk Category II) Ss = 1.992 g and S1 = 0.716 g Site class: = D Site class: = D SDs = 1.594 g , SD1 = 0.811 g Seismic design category: = D Basic seismic-fo Light-Framed Walls Sheathed with Wood Structural Panels Rated for Shear Resistance, R = 6.5 N/S Design Base Shear (LRFD) = 38.9 kips (R = 6.5) E/W Design Base Shear (LRFD) = 38.9 kips (R = 6.5) Cs (LRFD)= 0.2451 (R = 6.5) Analysis Procedure Used = Equivalent Lateral Force Procedure

| SNOW LOAD DATA: Site Elevation | 5880 | FT. | | |
|---|------|-----|----------------------|-----------------|
| Ground Snow Load | Pg = | 129 | psf | |
| Flat-Roof Snow Load | Pf = | 89 | psf | |
| Snow Exposure Factor | Ce = | 0.9 | | |
| Snow Importance Factor | ls = | 1.0 | | |
| Thermal Factor | Ct = | 1.1 | (Typical Roof) and 1 | 2 (Deck Roof) |
| | | | | |
| FLOOR FRAMING DESIGN LOADS Floor Live Load = | | | 40 PSF | DECK: 60 PSF |

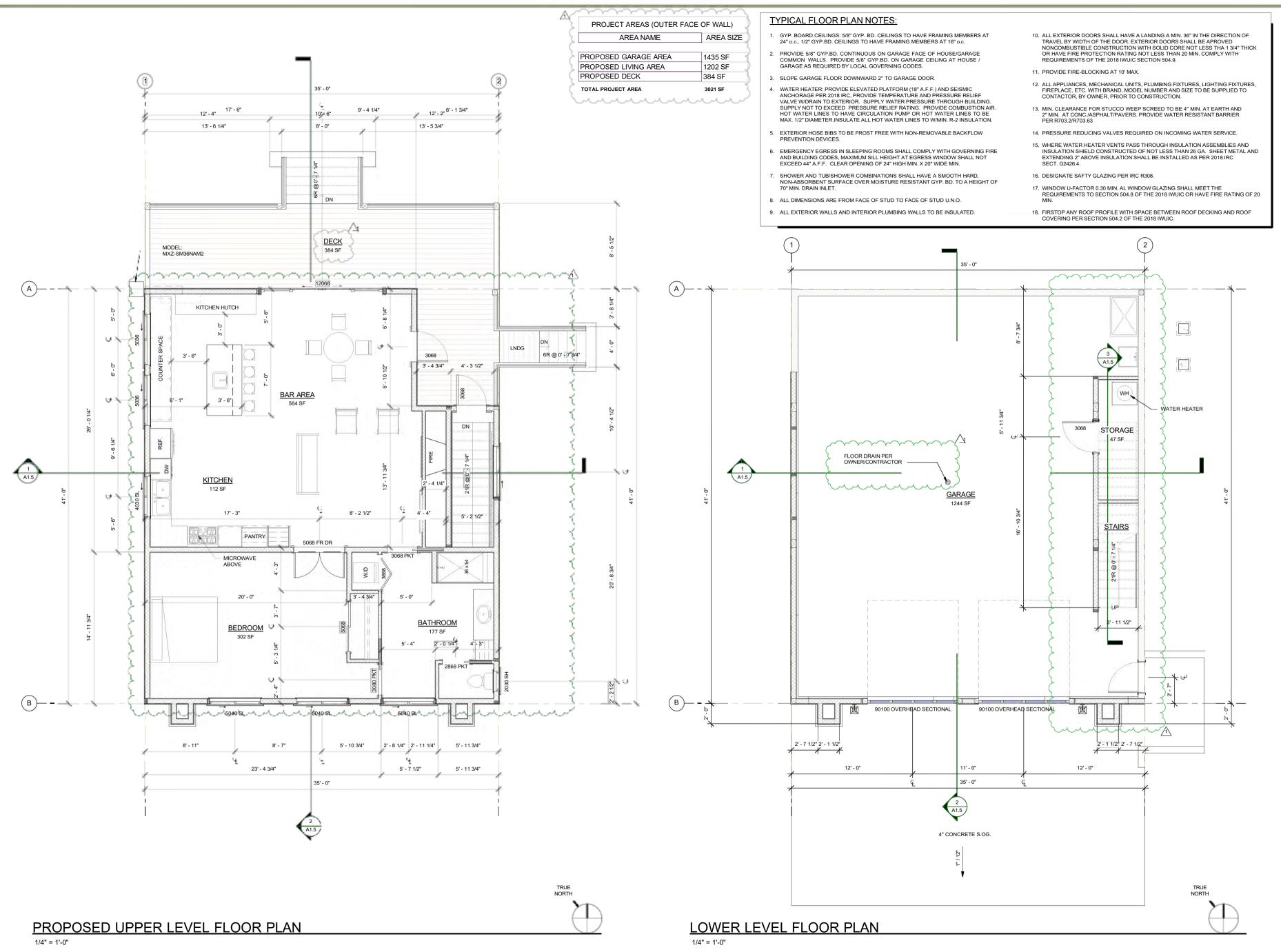
15 PSF 55 PSF

5 PSF



SHEET INDEX

SHEET of SHEETS DIEASE REC

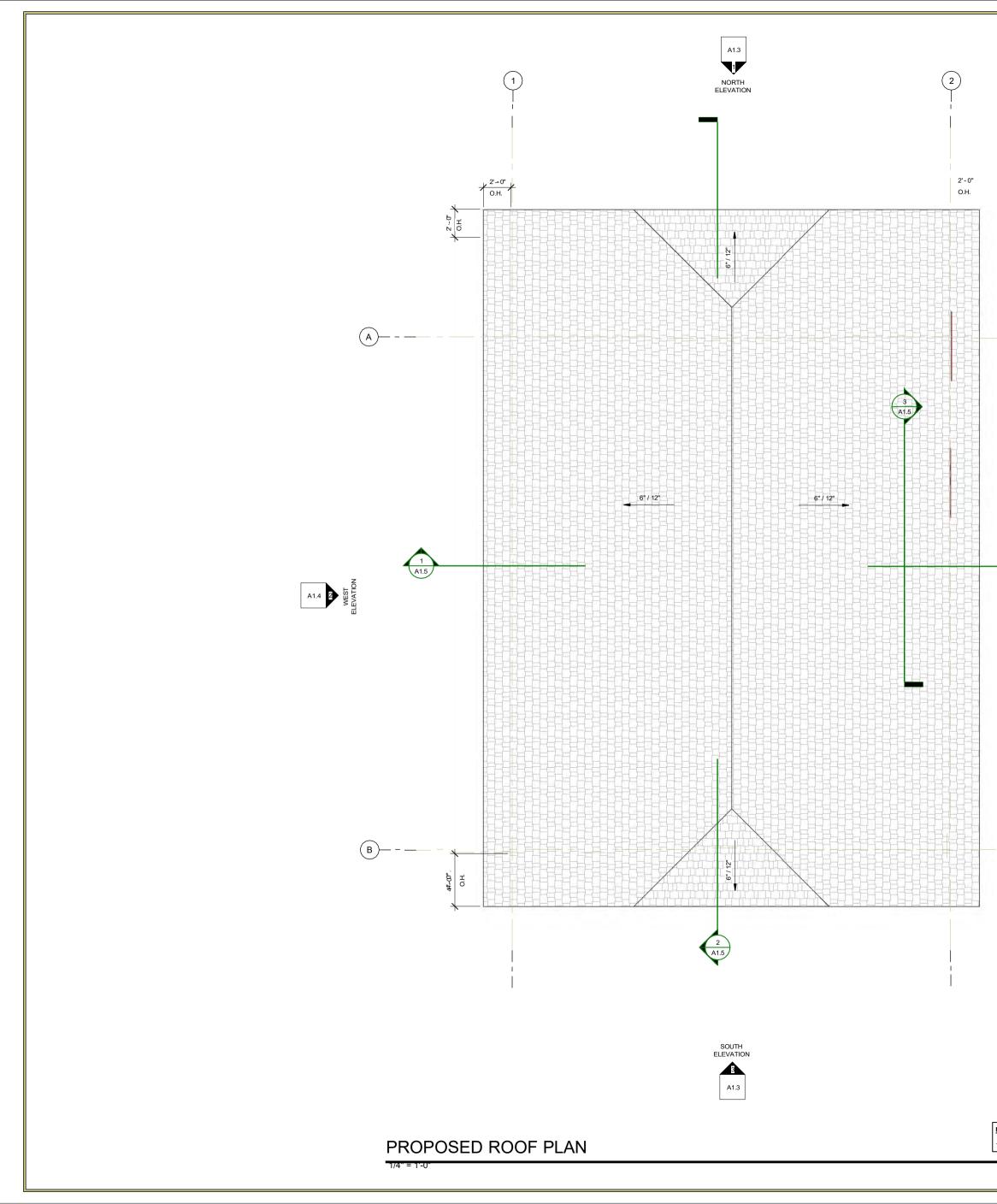




REVISIONS Date Description -27-23 DADAR REVISIONS







TYPICAL FLOOR PLAN NOTES:

- 1. GYP. BOARD CEILINGS: 5/8" GYP. BD. CEILINGS TO HAVE FRAMING MEMBERS AT 24" o.c., 1/2" GYP.BD. CEILINGS TO HAVE FRAMING MEMBERS AT 16" o.c.
- PROVIDE 1/2" GYP.BD. CONTINUOUS ON GARAGE FACE OF HOUSE/GARAGE COMMON WALLS. PROVIDE 1/2" GYP.BD. ON GARAGE CEILING AT HOUSE / GARAGE AS REQUIRED BY LOCAL GOVERNING CODES.
- 3. SLOPE GARAGE FLOOR DOWNWARD 2" TO GARAGE DOOR.
- 4. WATER HEATER: PROVIDE ELEVATED PLATFORM (18" A.F.F.) AND SEISMIC ANCHORAGE PER 2018 IRC, PROVIDE TEMPERATURE AND PRESSURE RELIEF VALVE W/DRAIN TO EXTERIOR. SUPPLY WATER PRESSURE THROUGH BUILDING. SUPPLY NOT TO EXCEED PRESSURE RELIEF RATING. PROVIDE COMBUSTION AIR. HOT WATER LINES TO HAVE CIRCULATION PUMP OR HOT WATER LINES TO BE MAX. 1/2" DIAMETER.INSULATE ALL HOT WATER LINES TO W/MIN. R-2 INSULATION.
- 5. EXTERIOR HOSE BIBS TO BE FROST FREE WITH NON-REMOVABLE BACKFLOW PREVENTION DEVICES.
- EMERGENCY EGRESS IN SLEEPING ROOMS SHALL COMPLY WITH GOVERNING FIRE AND BUILDING CODES, MAXIMUM SILL HEIGHT AT EGRESS WINDOW SHALL NOT EXCEED 44" A.F.F. CLEAR OPENING OF 24" HIGH MIN. X 20" WIDE MIN.
- SHOWER AND TUB/SHOWER COMBINATIONS SHALL HAVE A SMOOTH HARD, NON-ABSORBENT SURFACE OVER MOISTURE RESISTANT GYP. BD. TO A HEIGHT OF 70" MIN. DRAIN INLET.
 ALL DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD U.N.O.
- ALL DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD UNIO.
 ALL EXTERIOR WALLS AND INTERIOR PLUMBING WALLS TO BE INSULATED.
- 10. ALL EXTERIOR DOORS SHALL HAVE A LANDING A MIN. 36" IN THE DIRECTION OF TRAVEL BY WIDTH OF THE DOOR. EXTERIOR DOORS SHALL BE APROVED NONCOMBUSTIBLE CONSTRUCTION WITH SOLID CORE NOT LESS THA 1 3/4" THICK OR HAVE FIRE PROTECTION RATING NOT LESS THAN 20 MIN. COMPLY WITH REQUIREMENTS OF THE 2018 IWUIC SECTION 504.9.
- 11. PROVIDE FIRE-BLOCKING AT 10' MAX.
- ALL APPLIANCES, MECHANICAL UNITS, PLUMBING FIXTURES, LIGHTING FIXTURES, FIREPLACE, ETC. WITH BRAND, MODEL NUMBER AND SIZE TO BE SUPPLIED TO CONTACTOR, BY OWNER, PRIOR TO CONSTRUCTION.
- MIN. CLEARANCE FOR STUCCO WEEP SCREED TO BE 4" MIN. AT EARTH AND 2" MIN. AT CONC./ASPHALT/PAVERS. PROVIDE WATER RESISTANT BARRIER PER R703.2/R703.63
- 14. PRESSURE REDUCING VALVES REQUIRED ON INCOMING WATER SERVICE.
- WHERE WATER HEATER VENTS PASS THROUGH INSULATION ASSEMBLIES AND INSULATION SHIELD CONSTRUCTED OF NOT LESS THAN 26 GA. SHEET METAL AND EXTENDING 2" ABOVE INSULATION SHALL BE INSTALLED AS PER 2018 IRC SECT. G2426.4.
- 16. DESIGNATE SAFTY GLAZING PER IRC R308.
- WINDOW U-FACTOR 0.30 MIN. AL WINDOW GLAZING SHALL MEET THE REQUIREMENTS TO SECTION 504.8 OF THE 2018 IWUIC OR HAVE FIRE RATING OF 20 MIN.
- 18. FIRSTOP ANY ROOF PROFILE WITH SPACE BETWEEN ROOF DECKING AND ROOF COVERING PER SECTION 504.2 OF THE 2018 IWUIC.

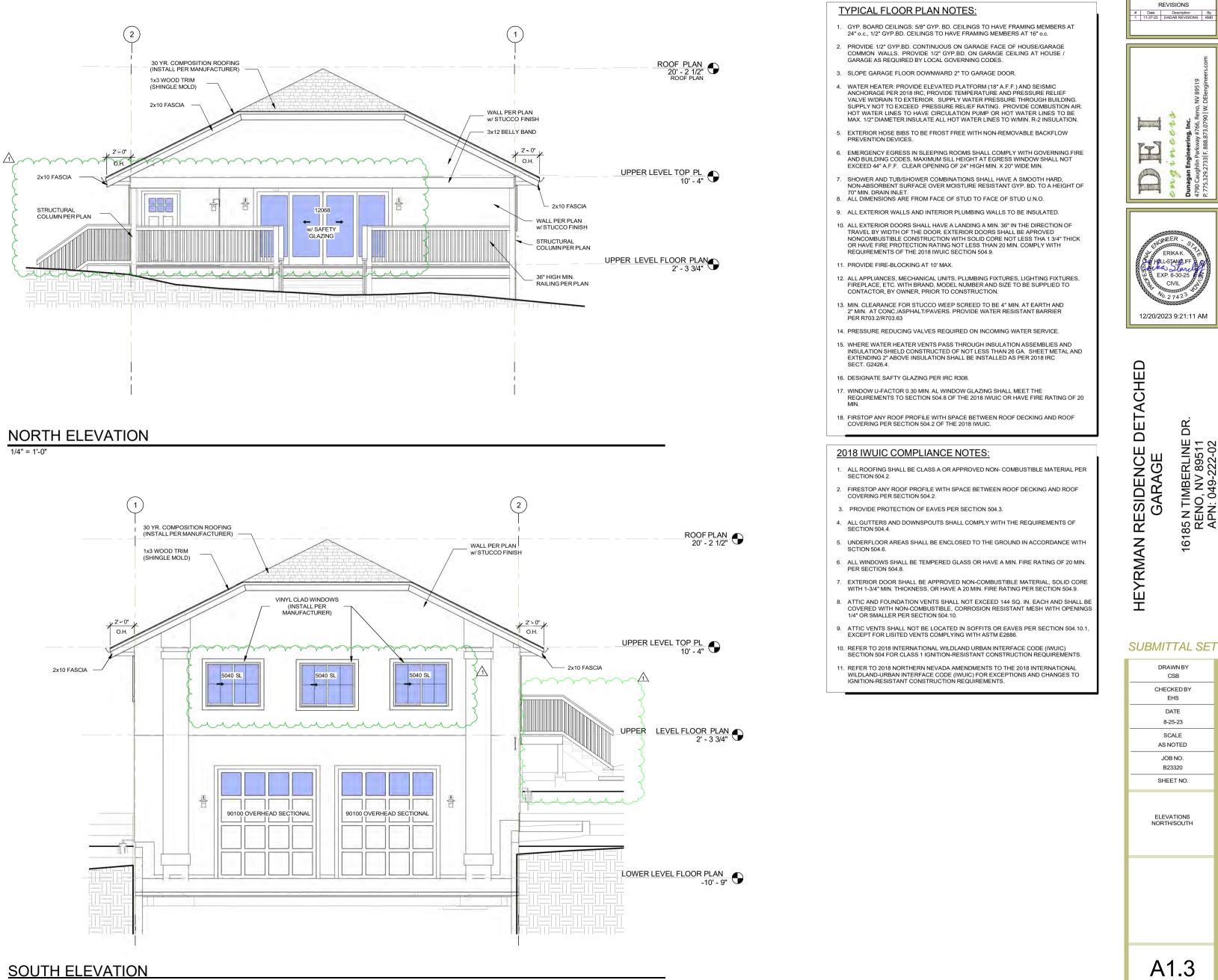




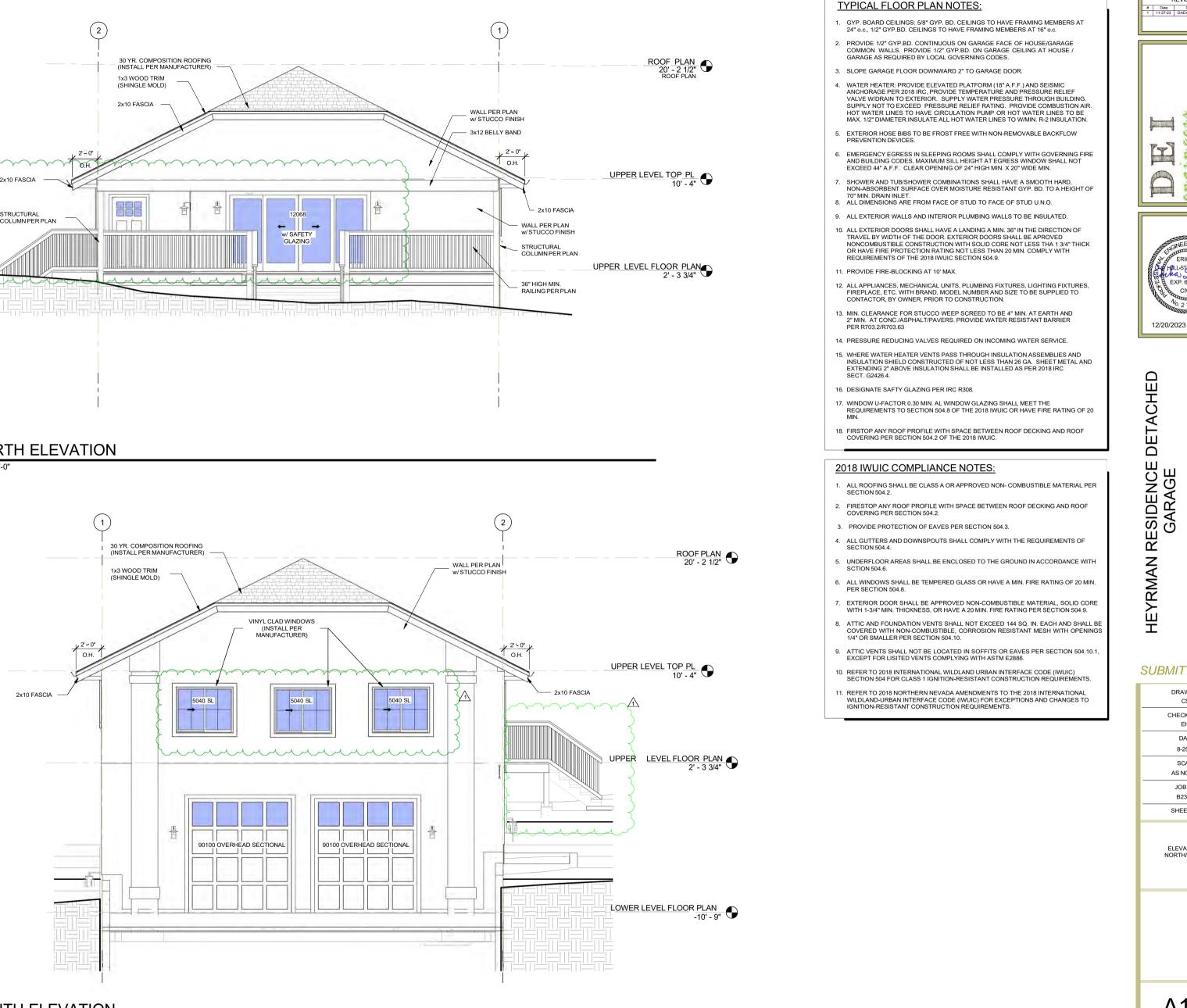
SUBMITTAL SET



NOTES: 1. PROVIDE 2' - 0" O.H., U.N.O. EAST UTEVATION







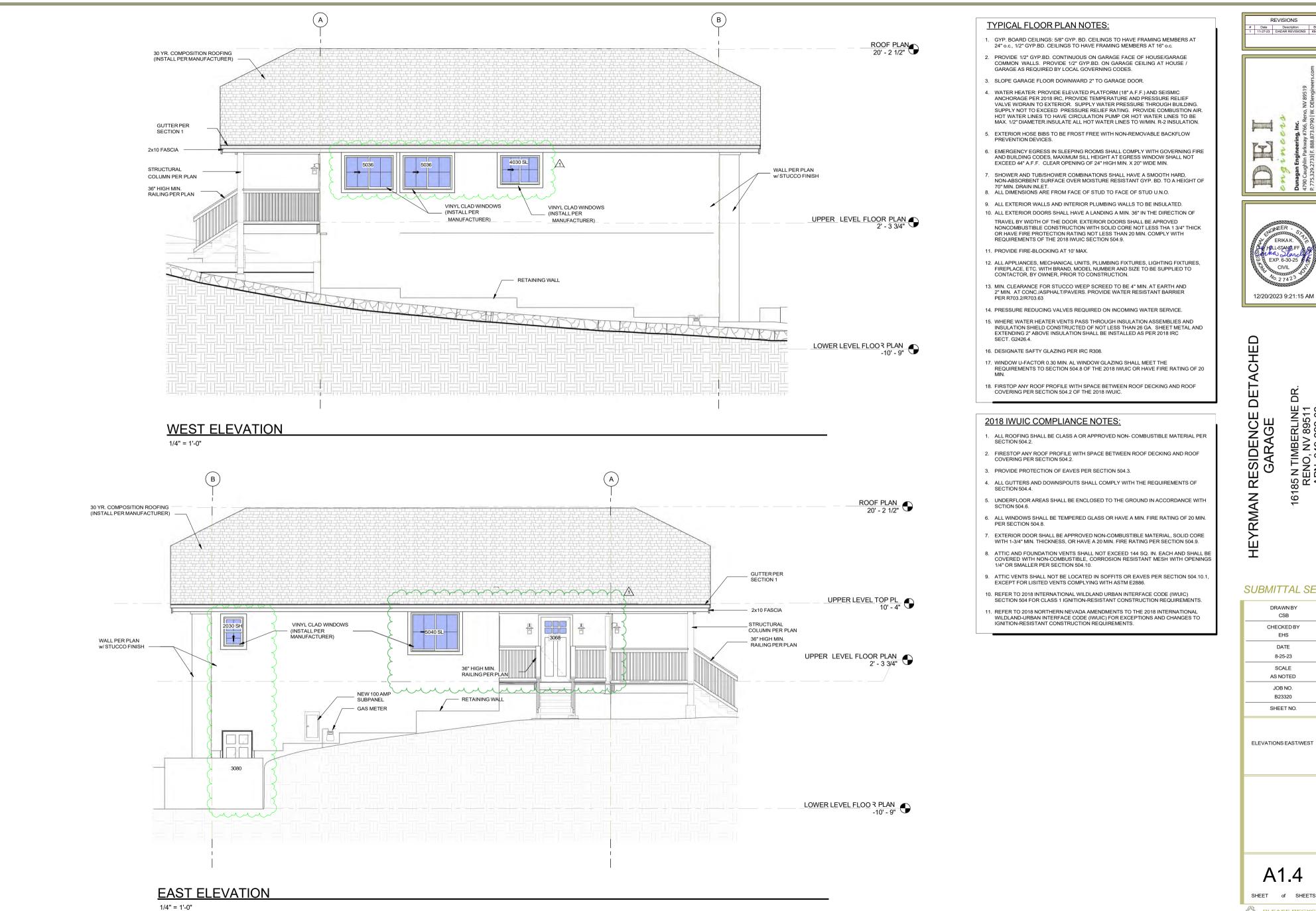
DR.

16185 N TIMBERLINE D RENO, NV 89511 APN: 049-222-02

SHEET of SHEETS

SOUTH ELEVATION

1/4" = 1'-0"



16185 N TIMBERLINE C RENO, NV 89511 APN: 049-222-02 SUBMITTAL SET **DRAWN BY** CSB CHECKED BY EHS DATE 8-25-23 SCALE AS NOTED JOB NO. B23320

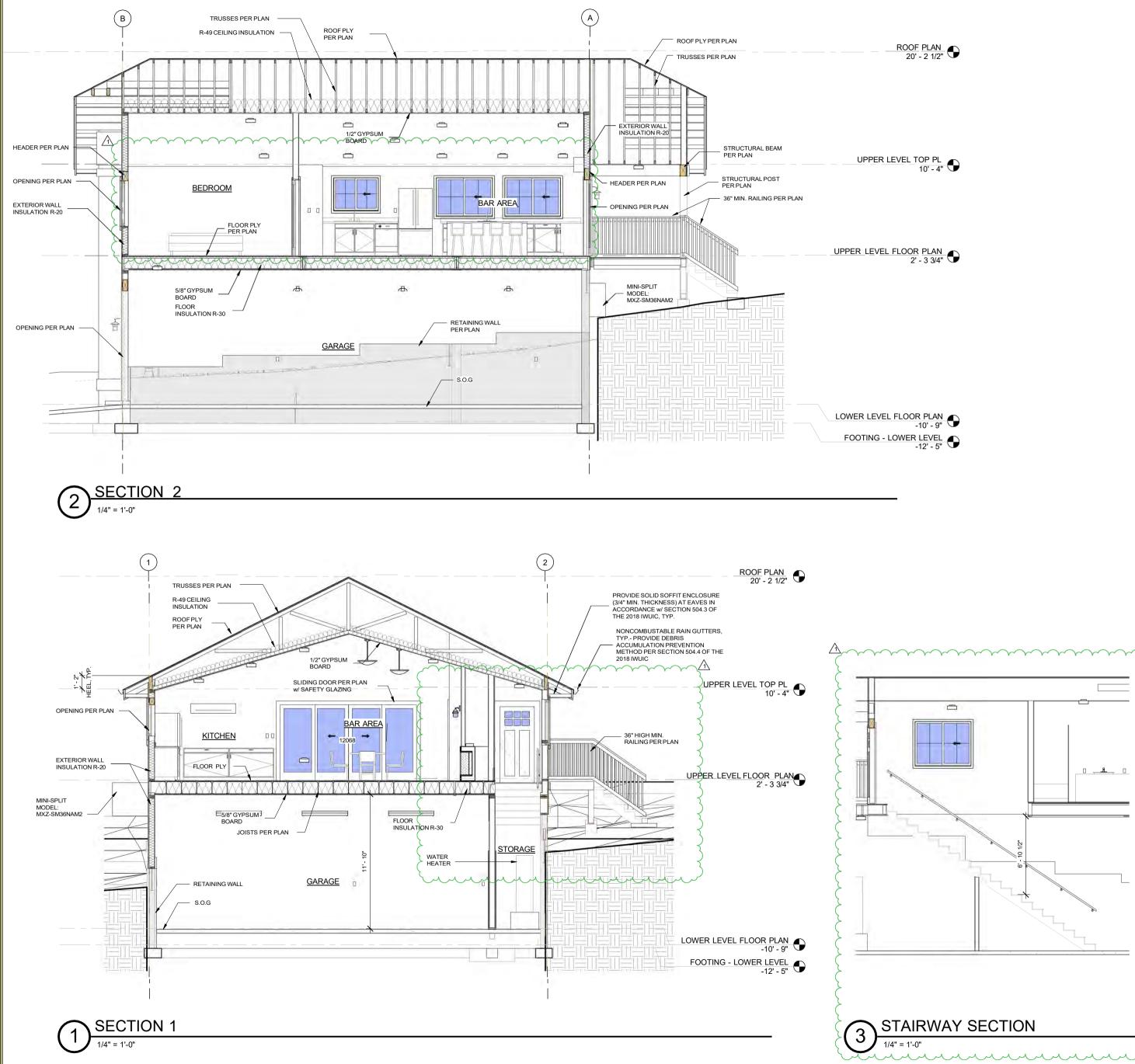
DR.

REVISIONS

Date Description 1-27-23 DADAR REVISIONS

SHEET NO.

A1.4 SHEET of SHEETS



TYPICAL FLOOR PLAN NOTES:

- 1. GYP. BOARD CEILINGS: 5/8" GYP. BD. CEILINGS TO HAVE FRAMING MEMBERS AT 24" o.c., 1/2" GYP.BD. CEILINGS TO HAVE FRAMING MEMBERS AT 16" o.c.
- PROVIDE 1/2" GYP.BD. CONTINUOUS ON GARAGE FACE OF HOUSE/GARAGE COMMON WALLS. PROVIDE 1/2" GYP.BD. ON GARAGE CEILING AT HOUSE / GARAGE AS REQUIRED BY LOCAL GOVERNING CODES.
- 3. SLOPE GARAGE FLOOR DOWNWARD 2" TO GARAGE DOOR.
- 4. WATER HEATER: PROVIDE ELEVATED PLATFORM (18" A.F.F.) AND SEISMIC ANCHORAGE PER 2018 IRC, PROVIDE TEMPERATURE AND PRESSURE RELIEF VALVE W/DRAIN TO EXTERIOR. SUPPLY WATER PRESSURE THROUGH BUILDING. SUPPLY NOT TO EXCEED PRESSURE RELIEF RATING. PROVIDE COMBUSTION AIR. HOT WATER LINES TO HAVE CIRCULATION PUMP OR HOT WATER LINES TO BE MAX. 1/2" DIAMETER.INSULATE ALL HOT WATER LINES TO W/MIN. R-2 INSULATION.
- 5. EXTERIOR HOSE BIBS TO BE FROST FREE WITH NON-REMOVABLE BACKFLOW PREVENTION DEVICES.
- 6. EMERGENCY EGRESS IN SLEEPING ROOMS SHALL COMPLY WITH GOVERNING FIRE AND BUILDING CODES, MAXIMUM SILL HEIGHT AT EGRESS WINDOW SHALL NOT EXCEED 44" A.F.F. CLEAR OPENING OF 24" HIGH MIN. X 20" WIDE MIN.
- SHOWER AND TUB/SHOWER COMBINATIONS SHALL HAVE A SMOOTH HARD, NON-ABSORBENT SURFACE OVER MOISTURE RESISTANT GYP. BD. TO A HEIGHT OF 70" MIN. DRAIN INLET.
- 8. ALL DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD U.N.O. 9. ALL EXTERIOR WALLS AND INTERIOR PLUMBING WALLS TO BE INSULATED.
- 10. ALL EXTERIOR DOORS SHALL HAVE A LANDING A MIN. 36" IN THE DIRECTION OF TRAVEL BY WIDTH OF THE DOOR. EXTERIOR DOORS SHALL BE APROVED NONCOMBUSTIBLE CONSTRUCTION WITH SOLID CORE NOT LESS THA 1 3/4" THICK OR HAVE FIRE PROTECTION RATING NOT LESS THAN 20 MIN. COMPLY WITH REQUIREMENTS OF THE 2018 IWUIC SECTION 504.9.
- 11. PROVIDE FIRE-BLOCKING AT 10' MAX.
- 12. ALL APPLIANCES, MECHANICAL UNITS, PLUMBING FIXTURES, LIGHTING FIXTURES, FIREPLACE, ETC. WITH BRAND, MODEL NUMBER AND SIZE TO BE SUPPLIED TO CONTACTOR, BY OWNER, PRIOR TO CONSTRUCTION.
- 13. MIN. CLEARANCE FOR STUCCO WEEP SCREED TO BE 4" MIN. AT EARTH AND 2" MIN. AT CONC./ASPHALT/PAVERS. PROVIDE WATER RESISTANT BARRIER PER R703.2/R703.63
- 14. PRESSURE REDUCING VALVES REQUIRED ON INCOMING WATER SERVICE.
- 15. WHERE WATER HEATER VENTS PASS THROUGH INSULATION ASSEMBLIES AND INSULATION SHIELD CONSTRUCTED OF NOT LESS THAN 26 GA. SHEET METAL AND EXTENDING 2" ABOVE INSULATION SHALL BE INSTALLED AS PER 2018 IRC SECT. G2426.4.
- 16. DESIGNATE SAFTY GLAZING PER IRC R308.
- 17. WINDOW U-FACTOR 0.30 MIN. AL WINDOW GLAZING SHALL MEET THE REQUIREMENTS TO SECTION 504.8 OF THE 2018 IWUIC OR HAVE FIRE RATING OF 20 MIN
- 18. FIRSTOP ANY ROOF PROFILE WITH SPACE BETWEEN ROOF DECKING AND ROOF COVERING PER SECTION 504.2 OF THE 2018 IWUIC.

2018 IWUIC COMPLIANCE NOTES:

- 1. ALL ROOFING SHALL BE CLASS A OR APPROVED NON- COMBUSTIBLE MATERIAL PER SECTION 504.2.
- 2. FIRESTOP ANY ROOF PROFILE WITH SPACE BETWEEN ROOF DECKING AND ROOF COVERING PER SECTION 504.2.
- 3. PROVIDE PROTECTION OF EAVES PER SECTION 504.3.
- 4. ALL GUTTERS AND DOWNSPOUTS SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 504.4 5. UNDERFLOOR AREAS SHALL BE ENCLOSED TO THE GROUND IN ACCORDANCE WITH
- SCTION 504.6.
- 6. ALL WINDOWS SHALL BE TEMPERED GLASS OR HAVE A MIN. FIRE RATING OF 20 MIN. PER SECTION 504.8.
- 7. EXTERIOR DOOR SHALL BE APPROVED NON-COMBUSTIBLE MATERIAL, SOLID CORE WITH 1-3/4" MIN. THICKNESS, OR HAVE A 20 MIN. FIRE RATING PER SECTION 504.9.
- 8. ATTIC AND FOUNDATION VENTS SHALL NOT EXCEED 144 SQ. IN. EACH AND SHALL BE COVERED WITH NON-COMBUSTIBLE, CORROSION RESISTANT MESH WITH OPENINGS 1/4" OR SMALLER PER SECTION 504.10.
- ATTIC VENTS SHALL NOT BE LOCATED IN SOFFITS OR EAVES PER SECTION 504.10.1, EXCEPT FOR LISITED VENTS COMPLYING WITH ASTM E2886.
- 10. REFER TO 2018 INTERNATIONAL WILDLAND URBAN INTERFACE CODE (IWUIC) SECTION 504 FOR CLASS 1 IGNITION-RESISTANT CONSTRUCTION REQUIREMENTS.
- 1. REFER TO 2018 NORTHERN NEVADA AMENDMENTS TO THE 2018 INTERNATIONAL WILDLAND-URBAN INTERFACE CODE (IWUIC) FOR EXCEPTIONS AND CHANGES TO IGNITION-RESISTANT CONSTRUCTION REQUIREMENTS.

ROOF VENTILATION NOTES

ALL ROOF VENTILATION SHALL COMPLY W/ IRC, SECTION 806

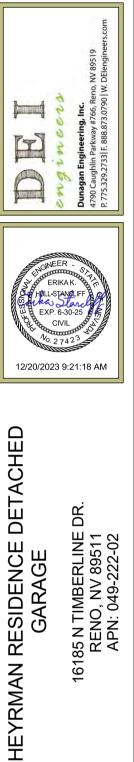
REQUIRED PROVIDED RIDGE VENTING 40' OF COR-A-VENT V-300 **ROOF AREA** 1729/150 = 11.53 SF RIDGE VENT (0.09 SF/FT) NET AREA = 40 (0.09) = 3.6 SF EAVE VENTING - BRANDGUARD VENTS FIRE-RATED UNDEREAVE VENT - 5 1/2" x 14" SOFFIT VENT (0.16 SF NET FREE VENT AREA EACH) PROVIDE MIN. (50) NET FREE VENT AREA = 50 (0.16) SF = 8 SF TOTAL NET FREE VENT AREA = 3.6 SF + 8.0 SF = 11.6 SF > 11.53 SF

NOTE: AT CONTRACTOR'S OPTION. ALTERNATIVE VENTILATION METHODS MAY BE USED PROVIDED THAT THE METHODS COMPLY WITH THE OVERALL VENTILATION REQUIREMENTS.

ARCHITECURAL NOTE(S):

- INSULATION SCHEDULE:
- CEILING OPTIMA BLOWN -IN INSULATION R-49. EXTERIOR WALLS 2X6 PLUMBING R-20 BATT INSULATION or
- LOOSE FILL INSULATION UPPER FLOOR R-30 BATT INSULATION

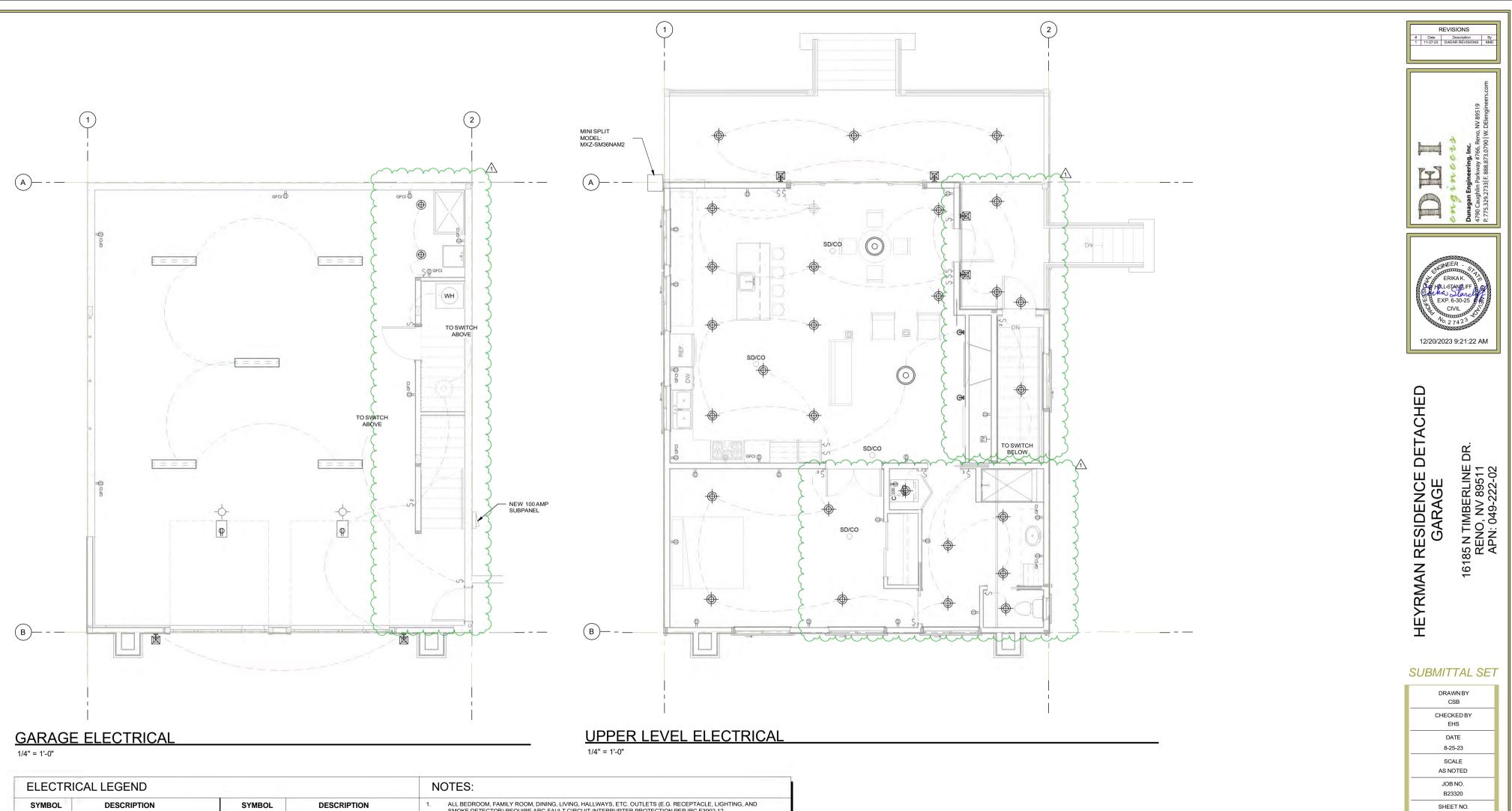
- DOOR & WINDOW NOTES:
 THE NEW EXTERIOR DOORS WITH MORE THAN 50% GLAZING MUST HAVE A MINIMUM R = 3.33 (U = 0.30 EQUIVALENT). SOLID DOORS ARE REQUIRED TO HAVE A MINIMUM R = 3.33 (U = 0.30 EQUIVALENT).
 ALL NEW EXTERIOR WINDOWS MUST CONSIST OF DOUBLE PANE INSULATING GLASS, SUSPENDED FILM AND LOW-E w/ A MINIMUM R=3.33 (U=0.30 EQUIVAL FNT). R=3.33 (U=0.30 EQUIVALENT).



REVISIONS

Date Description 1-27-23 DADAR REVISIONS

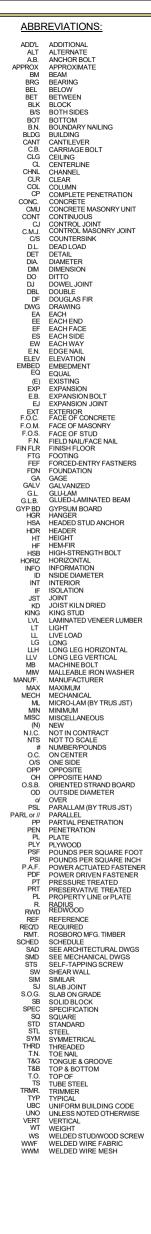
| DRAWN BY | |
|-----------------|---|
| CSB | |
| CHECKED BY | |
| EHS | |
| DATE | |
| 8-25-23 | |
| SCALE | |
| AS NOTED | |
| JOB NO. | |
| B23320 | |
| SHEET NO. | |
| SECTIONS | |
| | |
| A1.5 | |
| SHEET of SHEETS | |
| | = |



| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION | 1. ALL BEDROOM, FAMILY ROOM, DINING, LIVING, HALLWAYS, ETC. OUTLETS (E.G. RECEPTACLE, LIGHTING, AND SMOKE DETECTOR) REQUIRE ARC-FAULT CIRCUIT-INTERRUPTER PROTECTION PER IRC E3902.12 |
|--------------|---|---|--|---|
| F | EXHAUST FAN | Ø | DUPLEX FLOOR OUTLET | RECEPTACLE OUTLET DISTRIBUTION SHALL COMPLY will RC, E3901.2. EXHAUST FAN TO HAVE MIN. 51 CFM, MAXIMUM .25WATTS/CFM, AND 1 SOUND LEVEL FOR MAKE UP AIR. CEILING FAN MOUNTING BOXES SHOULD STRUCTURALLY SUPPORT FAN IM MOTION. FANS WILL HAVE VARIABLE |
| SD/CO | COMBINATION 120V SMOKE DETECTOR / CARBON MONOXIDE ALARM - HARD WIRED w/ BATTERY BACKUP (ALL DETECTORS SHALL BE INTERCONNECTED) | | GAS SEVICE AND METER | SPEED SWITCH CONTROL. PROVIDE ELECTRICAL DISCONNECT AT A READILY ACCESSIBLE LOCATION OUTSIDE OF THE BUILDING NEAREST TO THE POINT OF ENTRANCE OF THE SERVICE CONDUCTORS FURNACE AND WATER COMBUSTION AIR TO COMPLY wI ICK M1402.3. PROVIDE GFI PROTECTION TO ALL KITCHEN COUNTER RECEPTACLES |
| \oplus | SURFACE MOUNT CEILING LIGHT | Ş | SWITCH | PROVIDE MINIMUM SPACING OF KITCHEN COUNTER RECEPTACLES PER IRC E3901.4.1. ALL BATHROOM SHOWER AND TUB FIXTURES SHALL BE LISTED FOR WET OR DAMP LOCATIONS. LAMPS IN PERMANENTLY INSTALLED LIGHT FIXTURES TO BE HIGH EFFICACY LAMPS PER 2018 IECC SECTION 404.1 |
| 0000 | INTERIOR SURFACE MOUNT WALL FIXTURE | Ş.2 | 2-WAY SWITCH | SMOKE DETECTORS MUST BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTUATION OF ONE ALARM WILL ACTIVATE ALL THE ALARMS IN THE DWELLING. VERIFY IF EXTERIOR LIGHTS TO BE ON PHOTO CELL OR TIMER. |
| | FLUORESCENT LIGHT | | CABLE TV / MEDIA | VERIFY ELECTRICAL REQUIREMENTS OF LANDSCAPING LIGHTS, TIMER, ETC. PROVIDE LIGHT AND SWITCH FOR ATTIC ACCESS. ALL NEW OUTLETS THAT ARE 5'-6" OR LESS OFF OF THE FINISHED FLOOR ARE TO BE TAMPER-RESISTANT PER 2010 |
| P | EXTERIOR SURFACE MOUNT WALL FIXTURE | | | IRC SECTION E4002.14 |
| φ | DUPLEX OUTLET | - - - - - ---------- | GARAGE DOOR OPENER | |
| P 220 | 220V OUTLET / CONNECTION | | INTERIOR SURFACE MOUNT WALL FIXTURE | CO2 /SMOKE DETECTORS: The code requires the following: |
| ∯ GFCI | GROUND-FAULT CIRCUIT-INTERRUPTER DUPLEX OUTLET | \bigcirc | PENDANT LIGHT | One in each sleeping room . One outside each sleeping area and in the immediate vicinity of the sleeping rooms. One at each level of the building. |

A1.6 SHEET of SHEETS

ELECTRICAL PLANS



GENERAL NOTES AND SPECIFICATIONS:

- DIVISION 1 GENERAL: a. All work shall conform to the 2018 International Building Code (IBC) and applicable local codes. b. Where applicable allowable stresses have been increased 15% (Except Alpine and Placer
- Counties) for short duration and 60% for seismic and wind loading. Dunagan Engineering, Inc. is responsible for the structural items in the plans only. Should any changes be made, or should the results of these calculations not be fully or properly transferred to the plans by others, Dunagan Engineering, Inc. assumes no responsibility for the structure. No deviation from structural details shall be made without the written approval of the Structural Engineer. Approval by governing agency does not constitute authority to deviate from plans or
- specifications. All codes and standards shall be the most current edition as of the date of the calculations The details shown on the drawings are typical. Similar details apply to similar conditions. The calculations are based upon a complete structure. Should an unfinished structure be subjected to loads, Dunagan Engineering, Inc. should be consulted for an interim design or if not,
- will assume no liability. g. Temporary supports, etc., are the sole responsibility of the framing contractor and have not been considered by the structural engineer. Framing contractor is responsible for the stability of the structure prior to the application of shear walls, roof and floor diaphrams and finish materials. He shall provide the necessary bracing to provide stability prior to the application of the aforementioned materials. Observation visits to the site by field representative of the Structural
- Engineer do not include inspections of construction means and methods. Observation performed by Architect and/or Structural Engineer during construction are not continuous and detailed inspection services are performed by others. Observations performed by Structural Engineer are performed solely for the purpose of determining if contractor understands design intent conveyed in the contract documents. Observations do not guarantee contractor's performance and are not to
- be construed as supervision of construction. b Consider as supervision or construction.
 b Dunagan Engineering, Inc. expressly reserves its common law copyright and other property rights in these plans. These plans are not to be reproduced, changed or copied in any manner whatsoever, nor are to be assigned to a third party without first obtaining the written permission and consent of Dunagan Engineering, Inc. In the event of unauthorized reuse of these plans by a
- third party, the third party shall hold Dunagan Engineering. Inc. harmless. These drawings and all written material herein are instruments of service and constitute original and unpublished work of the Engineer. They remain the property of the Engineer whether the project for which they are made be executed or not. They may not be duplicated, used on other projects or by other than the original Owner whose name appears herein without the express
- written consent of the Engineer. Adhesive anchors shall be Simpson AT-XP Epoxy per ESR-2508 with ASTM A36 threaded rod or approved equal, U.N.O., Expansion anchors shall be Simpson Strong Bolts per ESR-3037, U.N.O., Adhesive or expansion anchors shall not be installed without authorization by Structural Engineer and until concrete and masonry has cured to design strength. DIVISION 2 - FOUNDATION:
- a. Building sites agenessing at the bendring dang free of each of the solutions
- b. These calculations assume stable, undisturbed soils and level or stepped footings. Any other

- conditions should be reported to Dunagan Engineering, Inc. All footings shall bear on undisturbed soil with a footing depth 24" below frostline. All finish grade shall slope away from foundation for a minimum of 10-0". An assumed soil bearing pressure is determined and will be increased in accordance with IBC
- Table 1806.2. Fill material shall be free from debris, vegetation, and other foreign substances
- g. Backfill trenches shall be compacted to 90% relative density per ASTM D1557 to within 12" of finished grade. The top 12" shall be landscape fill.
 h. Backfill at pipe trenches shall be compacted on both sides of pipe in 6" lifts.
- Backini ad type territizes shall be compacted on sides on pipe in or many sets of the state of t
- noted otherwise. Slope pipe to drain to daylight and drywell. DIVISION 3 CONCRETE:
- a. All concrete shall have a minimum 28 day compressive strength of 3000 psi. To accommodate the "Severe Weather for Concrete" category, concrete shall have a minimum 28 day compressiv strength of 3000 psi for foundation walls and other vertical concrete exposed to weather and a minimum compressive strength of 3500 psi for stabs, porches and other exterior flatwork, including
- garage slabs, exposed to weather as recommended by Table R402.2 of the IRC and Section1904.1 of the IBC. No Special Inspection is required as design assumes 2500 psi.
 b. Reinforcement shall be per ASTM AR15 grade 60 ksi, U.N.O.
 c. Lap reinforcing Per Detail J/SOL7, U.N.O.
- d.
 Reinforcement cover in cast-in-place concrete shall be as follows: (ACI Table 20.6.1.3.1)

 3"
 Concrete cast against and permanently exposed to earth.

 1 1/2"
 Concrete exposed to earth or weather with #5 bars or smaller.

 0 3/4"
 Concrete not exposed to weather or in contact with ground, #11 bars and smaller,
 - slabs, ioists and walls.

It shall be the contractor's direct responsibility to comply with typical details and general notes as delineated or defined on the typical detail drawings of these contract documents

regardless of specific flagging or reference to applicable note or detail. It shall be the contractor's responsibility to coordinate with all trades regarding utilities

passing through and under footings. Structural requirements for these conditions are

delineated in typ, details. Top of footing elevations noted are minimum. See note 2 for additional requirements Contractor to verify and coordinate all locations and sizes of openings in slabs, slab

depressions, and curbs for all related construction prior to floor layout or construction.

Contractor shall then use appropriate details or appropriate wall section for each applicable

All concrete work for strengths greater than 2500 psi, except for slabs on grade, footings

All reinforcing steel for concrete strengths greater than 2500 psi. All field welding (except metal studs, furring channels, etc.). Shop welding for procedures

All masonry work, see notes under `MASONRY' for requirements. All masonry inspection shall also comply with the National Concrete Masonry Institute. Bolts installed in conc. or masonry. Does not include sill PL, anchor bolts and Holdown

All full penetration welds shall be specially inspected in accordance with AWS and the

All full penetration were stream to operating a current International Building Code. All fillet welds shall be visually inspected in accordance with AWS and the current

- 11/2" Concrete not exposed to weather, beams, columns and pilaster, cover over ties.
 11/2" Clear to top for reinforcement in slabs on grade.
 All slabs on grade, S.O.G., shall have a minimum thickness of 4" and be reinforced with #3 at 18" o.c., or with Fibermesh as per manufacturers specifications equivalent to reinforcement
- specified above, U.N.O. Concrete shall be air-entrained to 6% +/- 1%. (For exterior slabs only)
- g. Provide slab control joints (saw cut or plastic inserts) at 10°-0" maximum spacing each way for 4" slab. Joint depth to be 1/4 of slab depth.

THESE NOTES APPLY TO ALL SHEETS:

of any discrepancies

and non structural concrete

nternational Building Code.

and multiple pass welds.

All arouted dowels.

All insulating concrete

SPECIAL INSPECTIONS AND DEFERRED SUBMITTALS:

anchor bolts. All ASTM A-325 and/or ASTM A-490 High Strength Bolts.

All expansion bolts and adhesive anchors

DIVISION 5 - METALS:

- d for shall be Simpson Strong-Tie Co, Inc. and installed per the manufacturer's specifications, U. N.O. Structural steel shall conform to ASTM A992, grade 50 U.N.O. Miscellaneous steel such as plates channels and angles may be ASTM A36. Steel pipe columns shall conform to ASTM A53, Type E
- or S. Steel tube sections shall conform to ASTM A500, Grade B. Where finish is attached to steel provide 1/2" dia. both roles at 36" o.c., U.N.O.. For attachment of nailers see architectural drawings for finishes. (alternate 1/2" dia. x 3" nelson studs at 36" o.c.,
- U.N.O.) All grout under steel bearing plates shall be solid drypack or non-shrink grout placed as directed by
- e. Shop drawings shall be submitted to the Structural Engineer for review and comment prior to
- All nails specified are common nails. No substitutions unless approved in writing by Dunagan Engineering, Inc. or specifically addressed in these calculations or the plans. All nails exposed to weather shall be galvanized. Fasteners for pressure-preservative treated and fire-retardant treated
- wood shall be of hot-dipped zinc coated galvanized, stainless steel, silicon bronze or copper. The minimum nailing for all framing shall conform to IBC Table 2304.10.1. All bolts specified must meet ASTM A307. Bolt holes to be 1/32" to 1/16" larger than specified bolt. Washers shall be used at each bolt head and nut next to wood. All washers to be not less than standard cut washers.
- Wood plates or sills shall be bolted to the foundation or foundation wall. Steel bolts with a minimum nominal diameter of 1/2" shall be used. Bolts shall be embedded at least 7 inches into the concrete or masonry. In a two pour system embedment shall be into the first pour. There shall be a minimum of two bolts per piece with one bolt located not more than 12 inches or less than 7 bolt diameters from each end of the piece. Plate washers a minimum of 3 x3 x1/4" thick shall be used on each bolt. See IBC section

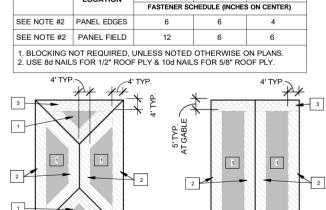
2308.3.1.1 for alternate

- 2308.3.1.1 (b) anerticate. <u>DIVISION 6 WOOD:</u> a. All lumber framing shall be Douglas Fir Larch (DOC PS20) with moisture content < 19% at time of covering, U.N.O. b. Glu-Lams used for simple spans shall be 24F-V4 U.N.O. Glu-Lams used for continuous spans or
- cantilever shall be 24F-V8, U.N.O. Glu-Lams exposed to weather shall be rated for exterior use by
- An interver a ran be 24 row, of No. Characteristic posed to weather share be raced to exterior disc of manufacturer or approved protection from exposure to be provided. All plywood shall conform to APA DOC PS1 or DOC PS2. All shear plywood shall be C-D, C-C, 303 (T1-11), or approved equal. Where multiple trimmers or studs are specified, those trimmers are to be stacked in all wall framing and solid blocking to be provided at all floors down to the foundation. Where posts with column caps, straps, or bearing plates are called for, the load is to be transferred to the foundation with protection are provided at all floors down to the foundation.
- transferred to the foundation with posts as specified in the plans and solid vertical grain blocking at
- all floors, U.N.O. All studs to be stud grade or better, U.N.O. In no instance shall a stud wall be used to resist lateral pressures due to snow or soil. It is the owner and/or contractor's responsibility to eliminate snow
- and/or soil to stud wall contact. All laminated veneer lumber (LVL) and parallel strand lumber (PSL) specified shall have the
- following minimum design strengths: 1 3/4" wide: Fb=2600 psi, Fv=285 psi, E=1,900,000 psi. 3 1/2" wide and greater: Fb=2900 psi, Fv=290 psi, E=2,000,000 psi. All multiple-ply LVL members to be attached with (3) rows of 16d common nais at 12" o.c. for
- entire length of member. For a three piece member the nailing is from each side. Foundation sill plates, nailers, and ledgers in direct contact with concrete and within 6 1/2" of
- ground to be preservative treated Douglas Fir. Fasteners for preservative treated and fire treated wood shall be of hot dipped, zinc coated,
- galvanized steel, silicon, bronze or copper. The coating weights for zinc coated fasteners shall be accordance with ASTM A153.
- k. All framing members specified in these calculations and/or plans are minimums, and larger All floor openings shall be between joists, U.N.O. Do NOT notch beams, joists, and studs, U.N.O.
- Provide double joists below all parallel partition walls

- 4x4 posts all other posts and timbers all 2x joists and rafters all 2x & 3x studs (unbraced length up to 10'). . stud or constructior
- all 2x & 3x studs (unbraced length exceeding 10')...
 all 2x top plates. all 2x and 3x sills.... . standard manuf. truss components... ... grade per manu
- All resawn and roughsawn beams are to be free of heart center.
 Double joists shall be attached with (2) rows of 16d's at 12" o.c. edge distance of nailing to be 2".
- t. All multiple studs to be attached with 16d's at 12" o.c

PANEL

LOCATION



ROOF SHEATHING FASTENING SCHEDULE

ZONE1 ZONE2 ZONE3

GABLE ROOF

5/8" CDX APA Rated (40/20) or OSB equivalent, Apply face grain perpendicular to framing. Stagger panels and nail with 10d's common at 6" o.c. at edges and boundaries (blocking, drag trusses, shear blocks, etc.) and 12" oc. field LIN 0 (See special diaphragm nailing requirements this sheet)

FRAMING MATERIAL:

ROOF HEADERS: 6x10 D.F. #1 (4x8 D.F. #2 at 2x4 walls) or RMT U.N.O. Provide (2) Trimmers at openings greater

than 5'-0" U.N.O. ELOOR HEADERS: 6x10 D.F. #1 (4x10 D.F. #2 at 2x4 walls) or RMT U.N.O. Provide (2) Trimmers at openings greater than 5'-0" U.N.O.

- WALL FRAMING
- Use 2x6 or 2x4 D.F. Stud or Construction Grade at 16" o.c. as occurs Tvp. U.N.O.

FLOOR PLYMOOD 3/4" T & G APA rated plywood (or OSB). Apply face grain perpendicular to frame, Stagger panels

and nail with 10d's at 6" o.c. at all edges and boundaries (blocking at interior shear walls, drag nembers, etc.), and 10" o.c. field. FLOOR JOISTS

Use Truss Joist MacMillan TJI I-joists or approved equal as specified in the plans. Install I-joists per manufacturer's specifications.

DESIGN CRITERIA 2018 International Building Code (IBC) Local Building Department Standa Soil Bearing (IBC Table 1806.2)

WIND DESIGN DATA

te Design Wind Speed, Vu = 120 m.p.h. (3-Second Gust) Risk Category II Wind Importance Factor, Iw = 1.00

Wind Exposure C Internal Pressure Coefficient = +/- 0.18 Components & Cladding Design Pressures (ASCE 7 Section 30.4.2): a = 3.5 ft (ASCE 7 Figure 30.4-1)

| Refer to ASCE 7-16 Figure 30.4-1 for layout. | | | | | | | | |
|--|------|---|-------------------|--|--|--|--|--|
| Roof/Wall | Zone | Effective Wind Area (ft ²) | Design Wind () | | | | | |
| | 1 | 10 | 5 | | | | | |
| | 1 | 20 | 5 | | | | | |
| | 1 | 50 | 4 | | | | | |
| R I | 1 | 300 | 3 | | | | | |
| 20 | 2 | 10 | 7 | | | | | |
| Roof > 20 to 21 | 2 | 20 | 7 | | | | | |
| | 2 | 50 | 5 | | | | | |
| | 2 | 100 | 4 | | | | | |
| | 3 | 10 | 1(| | | | | |
| 1.1 | 3 | 20 | 10 | | | | | |
| | 3 | 50 | 5 | | | | | |
| | 3 | 100 | 5 | | | | | |
| | A | 10 | 3 | | | | | |
| | - A | 20 | 3 | | | | | |
| | 1.4 | 50 | 3 | | | | | |
| (al) | 4 | 100 | 3 | | | | | |
| Wa | 5 | 10 | 4 | | | | | |
| | 5 | 20 | 4 | | | | | |
| | 5 | 50 | 3 | | | | | |
| | 5 | 160 | 3 | | | | | |

SEISMIC DESIGN DATA SEISMIC DESIGN DATA Factor. le = 1.00 (Risk Category II)

Importance Factor, Ie = 1.00 (Risk Ss = 1.992 g and S1 = 0.716 g

SDs = 1.594 g , SD1 = 0.811 g Seismic design category: = D

Site class: = D

Basic seismic-force-resisting system(s): = Light-Framed Walls Sheathed with Wood Structural Panels Rated N/SDESIGNESSERVICE (LRPD) = 38.9 kips (R = 6.5) E/W Design Base Shear (LRFD) = 38.9 kips (R = 6.5) Cs (LRFD)= 0.2451 (R = 6.5) Analysis Procedure Used = Equivalent Lateral Force Procedure SNOW LOAD DATA: 5880 FT. Site Elevation Ground Snow Load Pg = 129 psf Elat-Roof Snow Load Efe ≣ 89 psf

| Snow Importance Factor Thermal Factor | ls Ct | = | 1.0 1.1 (T |
|--|----------|---|---------------|
| FLOOR FRAMING DESIGN LOADS | | | ι |
| Floor Live Load = | | | 4 |
| Floor Dead Load = | | | 1 |
| Total Floor Load = | | | 5 |

Engineering to be provided by truss manufacturer. The truss manufacturer shall provide shop drawings for approval by this engineer and shall be responsible for the design and certification of the trusses

TRUSS REVIEW APPROVAL: CONTRACTOR:

DATE: 08/22/2023

 TRUSS MANUFACTURER:
 PIEDMONT TRUSS & LUMBER, INC.

 This letter is to confirm that Dunagan Engineering, Inc. has reviewed the above referenced truss calculations for use at the above address, prior to submittal to the Building Dept., and find them to be in general compliance w/ the plans and specifications (including but not limited to drag trusses, connections, loading, and load paths). The contractor is responsible for dimensions, which shall be confirmed and callaborated at the job site, fabrication
 processes and techniques of construction, the coordination of his work with that of all other trades, and the UNAGAN ENGINEERING INC. UNAGAN ENGINEERING INC. Truss Manufacturer to design "shear" trusses to resist the ateral load indicated on plans (minimum shear load = 1500 lbs). Truss Manufacturer to unit satisfactory performance of his work.

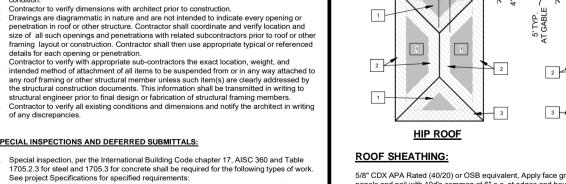
DUNAGAN ENGINEERING INC.

- etc as required by the Architect.
- a. identity of the company manufacturing the truss. b. the design load.

- When snow loads exceed 30 psf the trusses shall be designed to stack over wall studs at bearing points unless

- 1 1/2" Use min. drag load of 200 P L F.
 All non bearing walls are to have a 1/4" gap to the bottom chord of the trusses.
- Truss Spacing = 16" o.c.

| TRUSS LOADING: | TYPICAL |
|----------------------------|---------|
| Top Chord Live/Snow Load = | 89 PSF |
| Top Chord Dead Load = | 15 PSF |
| Bottom Chord Live Load = | 0 PSF |
| Bottom Chord Dead Load = | 10 PSF |
| Total Load= | 114 PSF |



NAILS

| Pressure, Pnet | |
|----------------|--|
| osf) 0.2 | |
| 0.2 | |
| 0.2 | |
| 2.5 | |
| 5.8 | |
| 9.9 | |
| 0.0 | |
| 7.0 | |
| 7.0 | |
| 3.0 | |
| 4.1 | |
| 9.1 | |
| 9.1 | |
| 3.2 | |
| 5.6 | |
| 4.5 | |
| 2.9 | |
| 7.2 | |
| 4.0 | |
| 9.8 | |
| 26 | |

(Typical Roof) and 1.2 (Deck Roof)

| PER: | DECK: |
|------|--------|
| PSF | 60 PSF |
| PSF | 15 PSF |
| PSF | 75 PSF |

FIVE ACRE CONSTRUCTION INC.

DATE: 08/25/2023

Truss Manufacturer to verify location of and provide reinforced trusses for the support of any mechanical equipment where occurring. Truss Manufacturer to verify location of and design for all ceiling height changes, attic accesses, return air grills,

etc as required by the Architect. Approved truss shop drawings shall be a part of these construction documents. They shall be attached to these drawings and shall be on the construction site for duration of the project. Each truss shall be legibly branded, marked or otherwise have permanently affixed thereto the following information located within 2 feet of the center of the span on the face of the bottom chord:

c. the spacing of trusses. It is the responsibility of the truss manufacturer to conform the truss design according to the loading conditions as called for in the structural calculations, such as (1) snow, live and dead loads; (2) truss spacing; (3) spans and eave overhangs and their loading; (4) roof pitch; and (5) bearing points of all trusses. When trusses are spaced at 16"o.c. the truss manufacturer shall provide a means of attic access.

truss manufacturer provides alternate design. All girder trusses are to be supported by multiple studs, U.N.O. Gable end trusses shall be structural; designed to support the overhang and to allow a top chord notch of

Secure bottom chord to wall with Simpson STC clip.
 Trusses are to be handled, installed, and braced in accordance with BCSI-B1 of the Truss Plate Institute (TPI

(10 psf. NON-CONCURRENT Per IBC Table 1607.1)

| CONNECTION | | EFERENCE | | | | | |
|--------------------------------------|--|--------------------------------------|--|--------------------------------------|--|--------------------------------------|--|
| Simpson Strong-Tie Product Number | USP Structural Connectors Product Number |
| SSTB16 | STB16 | CB66 | KCB66 | HU410 | HD410 | HGUS26-3 | THDH26-3 |
| SSTB24 | STB24 | CB68 | KCB68 | HU412 | HD412 | HGUS28-3 | THDH28-3 |
| HDU5-SDS2.5 | PHD5 | HUCQ1.81/9-SDS | HDQ179IF | HU68 | HD68 | TJC37 | SNP3 |
| HDQ8-SDS3 | UPHD8 | HUCQ1.81/11-SDS | | HU610 | HD610 | THJA26 | HJC26 |
| HHDQ11-SDS2.5 HHDQ14-SDS2.5 | UPHD11 UPHD14 | HUCQ310-SDS | HDQ1714IF HDQ310IF | HU612 LSU26 | HD612 LSSH15-TZ | MTHM DSC4R/L-SDS3 | HJHC26 DSC4R/L |
| HD15 | TD15 | HUCQ210-2-SDS | HDQ210-2IF | LSSU28 | | ST6224 | KST224 |
| ABU44 | PAU44 | HUCQ410-SDS | HDQ410IF | LSSU210 | LSSH210 | CS16 | RS150 |
| ABU46 | PAU46 | HUCQ412-SDS | HDQ412IF | SUR/L24 | SKH24R/L | MSTC48B3 | |
| ABU66 | PAU66 | HUCQ210-3-SDS | HDQ210-3IF | SUR/L26 | SKH26R/L | H1 | RT15 |
| ABU88 | PAU88 | HUCQ5.25/9-SDS | HDQ5210IF | SUR/L210 | SKH210R/L | H2.5A | RT7A |
| PB44 | WE44 | HUCQ5.25/11-SDS | HDQ5212IF | IUS | THF | H2A | RT10 |
| PB46 | WE46 | HUCCQ610-SDS | HDQ610IF | HU11 | HD17112 | HGA10KT | HGA10 |
| PB66 | WE66 | HUCQ612-SDS | HDQ612IF | IUT | THE | A34 | MP34 |
| CBQ44 | KCBQ44 | LUS24 | JUS24 | ITS | THO/TFL | A35 | MPA1 |
| CBQ46 | KCBQ46 | LUS26 | JUS26 | ІПТ | THO/TFL | LTP4 | MP4F |
| CBQ66 | KCBQ66 | LUS28 | JUS28 | LUS26-2 | JUS26-2 | LS50 | MP5 |
| CB44 | KCB44 | LUS210 | JUS210 | HHUS26-2 | THD26-2 | LS70 | MP7 |
| CB46 | KCB46 | LUS46 | JUS46 | HGUS26-2 | THDH26-2 | LS90 | MP9 |
| CB48 | KCB48 | HU46 | HD46 | HHUS28-2 | THD28-2 | CCQ/ECCQ | KCCQ/KECCQ |

HOLDOWN SPECIFICATION TABLE

| (ALSO SEE SIMPSON STRONG-TIE CATALOG) | | | | | | | | | |
|---------------------------------------|---------|---------------|----------------------|-----------|----------------------------------|----------------------------------|-----------|--------------------------|--|
| | | POST MIN. | SCREWS, BOLTS | Т | HREADED ROD | | SSTB BOLT | | |
| HOLDOWN | CL | THICKNESS | OR NAILS | A.B. DIA. | 8" STEM WALL | FOOTING | SGL. POUR | DBL. POUR | |
| HTT4 | 1 5/16" | 3" | (18) 16d's x 2 1/2" | 5/8" | 18" | - | SSTB24 | SSTB24 | |
| HTT5 | 1 5/16" | 3" | (26) 16d's x 2 1/2" | 5/8" | 24" | - | SSTB28 | SSTB28 | |
| HDU5 | 1 5/16" | 3" | (14) SDS 1/4"x2 1/2" | 5/8" | SEE HOLDOWN SCHEDULE PER PLAN | SEE HOLDOWN SCHEDULE PER PLAN | SSTB28 | THRD. ROD OPTION ONLY | |
| HDU8 | 1 3/8" | 4 1/2" | (20) SDS 1/4"x2 1/2" | 7/8" | SEE HOLDOWN SCHEDULE PER PLAN | SEE HOLDOWN SCHEDULE PER PLAN | N/A | N/A | |
| HDQ8 | 1 1/4" | 4 1/2" | (20) SDS 1/4"x3" | 7/8" | SEE HOLDOWN SCHEDULE PER PLAN | SEE HOLDOWN SCHEDULE PER PLAN | N/A | N/A | |
| HHDQ11 | 1 1/2" | 5 1/2" | (24) SDS 1/4"x2 1/2" | 1" | SEE HOLDOWN SCHEDULE PER PLAN | SEE HOLDOWN SCHEDULE PER PLAN | N/A | N/A | |
| HHDQ14 | 1 1/2" | 5 1/2" | (30) SDS 1/4"x2 1/2" | 1" | SEE HOLDOWN SCHEDULE PER PLAN | SEE HOLDOWN SCHEDULE PER PLAN | N/A | N/A | |
| HDU14 | 1 9/16" | 5 1/2" | (36) SDS 1/4"x2 1/2" | 1" | SEE HOLDOWN SCHEDULE PER PLAN | SEE HOLDOWN SCHEDULE PER PLAN | N/A | N/A | |
| HD19 | 2 1/8" | 5 1/2"x5 1/2" | (5) 1" DIA. BOLTS | 1 1/4" | SEE HOLDOWN SCHEDULE PER PLAN | SEE HOLDOWN SCHEDULE PER PLAN | N/A | N/A | |

NAIL SPECIFICATIONS

MIN. NAIL LENGTH REQ'D 2" 2 1/8" 2 1/4" 2 3/8" 2 3/4" 2 1/8" 2 1/4" 2 3/8" 2 1/2" 2 7/8"

| | | 11/1 | - 0 | -011 10/ | | <u> </u> | | | | | |
|-----------------|----------|------------------|-----------------|-----------|--------|----------|--------|----------------|---------|-------------|--|
| NAIL TYPE | | MINAL ER (GAG | E) | NOMINA | | | BED FO | | MIN. NA | AIL LENGTH | |
| 6d COMMON | 0.113 | 3" (11 ga.) | | 2" 1 3/8" | | PLY. | | PLY. THICKNESS | | | |
| 8d COMMON | 0.131" | 10 1/4 ga | 1/4 ga.) 2 1/2" | | | 1 3/8" | | | | - | |
| 10d COMMON | 0.148 | .148" (9 ga.) | | 3" | | 1 3/4" | | | | | |
| 12d COMMON | 0.148 | 8" (9 ga.) | | 3 1/2" | | | - | | 1 | | |
| 16d COMMON | 0.16 | 2" (8 ga.) | | 3 1/4" | | | - | | - | | |
| 16d G.V. SINKER | 0.148 | 0.148" (9 ga.) | | 3 1/4" | | | | | | MIN. EMBED. | |
| DE | TERMIN | E REQ' | D NA | IL DIAN | IETE | r and | LEN | GTH | | | |
| REQUIRED COMMO | N NAIL | | 8d | | | | | 10d | | | |
| PLYWOOD THICKNE | ESS 3/8' | 1/2" | 5/8" | 3/4" | 1 1/8" | 3/8" | 1/2" | 5/8" | 3/4" | 1 1/8" | |
| MINIMUM EMBEDME | ENT | | 1 3/8' | | | | | | 1 3/4" | | |

FOOTING AND STEMWALL REQUIREMENTS

(alternate hooks). Locate vertical at all Holdown Anchor Bolts. If top of

0.131" (10 1/4" ga.)

(atternate noors). Locate vertical at an norodown Anton' boils. It top of stemwall exceeds 36" above top of footing, use #4 at 18" o.c. horizontal continuous and #4 at 24" o.c. vertical. All footings shall bear on undisturbed soil. Assumed soil bearing pressure

is determined & increased in accordance w/ IBC Table 1806.2. • Exterior footings to be placed 24" below grade minimum, U.N.O.

HOLDOWN INFORMATION
See holdown schedule above and per plan.

SOILS & FOUNDATIONS:

MIN. DIAMETER REQ'D

CONNECTION CROSS REFERENCE

Solics & POUNDATIONS: Dunagan Engineering, Inc. has not made a geotechnical review of the building site and is not responsible for general site stability or soil suitability for the proposed project. A review by a geological engineer or qualified civil engineer may be desirable. Foundation design is based on minimum footing dimensions and bearing capacities set forth in Table 1806.2 of Chapter 18 in the 2018 International Building Code. Assume Class 5 soil with allowable soil bearing pressure of 1500 psf., with a constant expansion index less than 20. Footings shall extend 24" (minimum) below grade.



0.148" (10 1/4" ga.)

SUBMITTAL SET

| PI), | | DRAWN BY CSB |
|--------------------------------------|--|------------------------------------|
| | | CHECKED BY EHS |
| | | DATE 8-25-23 |
| SHEET INDEX | SHEET INDEX | SCALE AS NOTED |
| A0.0 COVER SHEET | S0.4 TYPICAL DETAILS | JOB NO. B23320 |
| A0.1 SITE PLAN | S0.5 TYPICAL DETAILS | SHEET NO. |
| A1.1 FLOOR PLANS | S0.6 DETAILS | |
| A1.2 ROOF PLAN | S0.7 DETAILS | GENERAL NOTES & TYPICAL DETAILS |
| A1.3 ELEVATIONS NORTH/SOUTH | S0.8 DETAILS | |
| A1.4 ELEVATIONS EAST/WEST | | |
| | S1.2 LOWER LEVEL STRUCTURAL FLOOR PLAN | |
| | S2.1 UPPER LEVEL FLOOR FRAMING PLAN | |
| S0.1 GENERAL NOTES & TYPICAL DETAILS | S2.2 UPPER LEVEL STRUCTURAL FLOOR PLAN | |
| S0.2 TYPICAL DETAILS | S2.3 ROOF FRAMING PLAN | |
| S0.3 TYPICAL DETAILS | | S0.1 |
| | | SHEET of SHEETS |

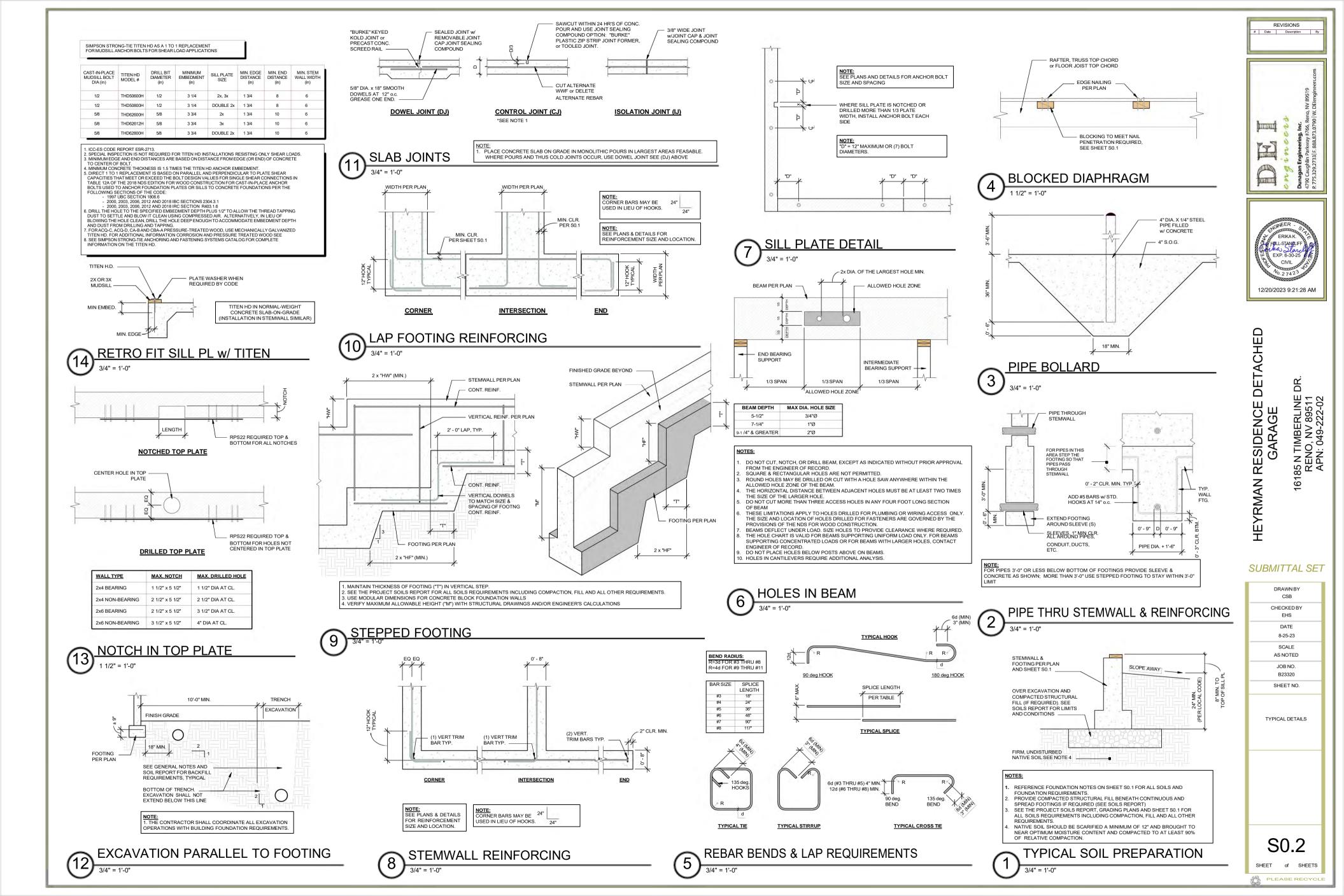


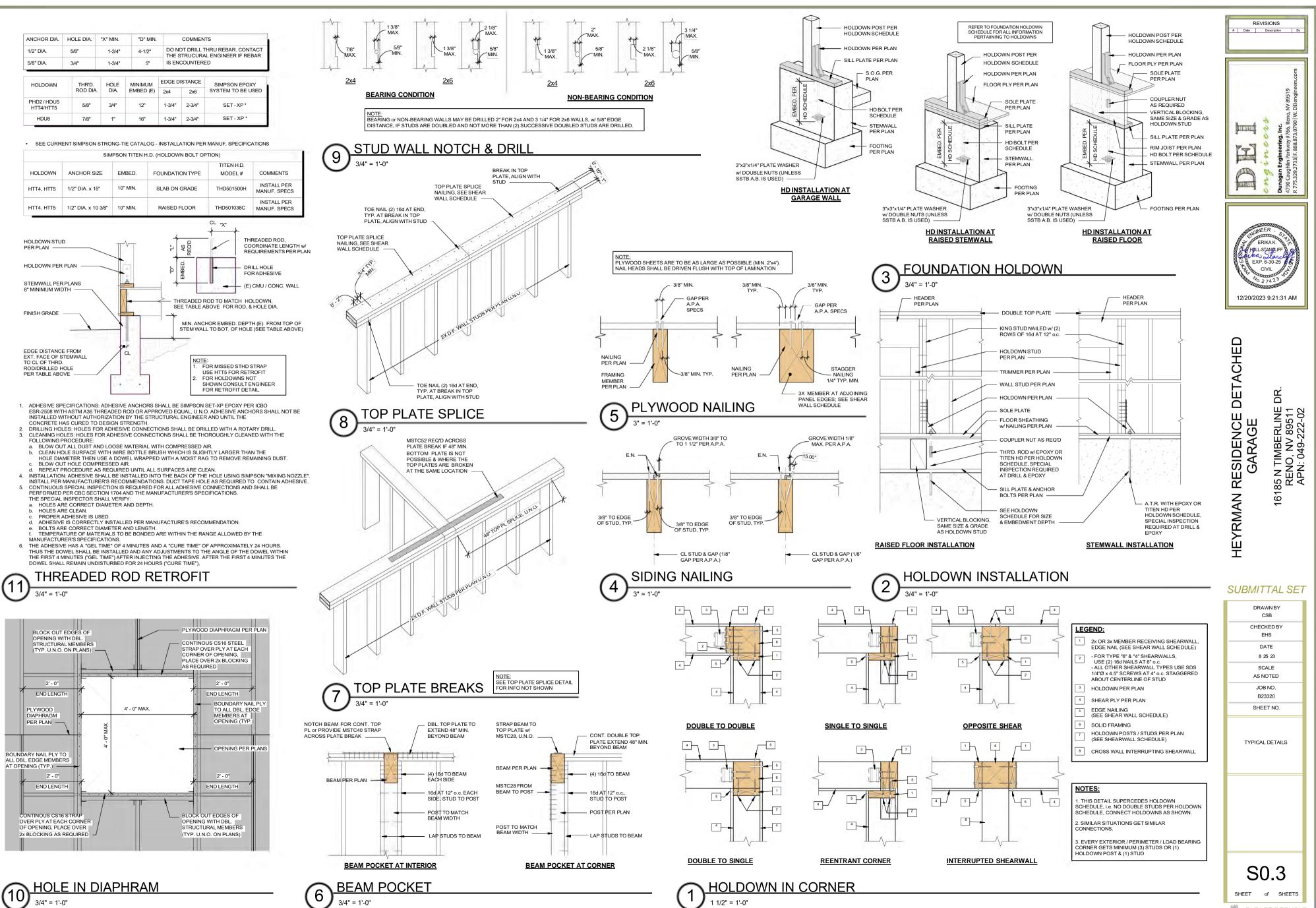
DETACHE DR. 16185 N TIMBERLINE C RENO, NV 89511 APN: 049-222-02 HEYRMAN RESIDENCE GARAGE

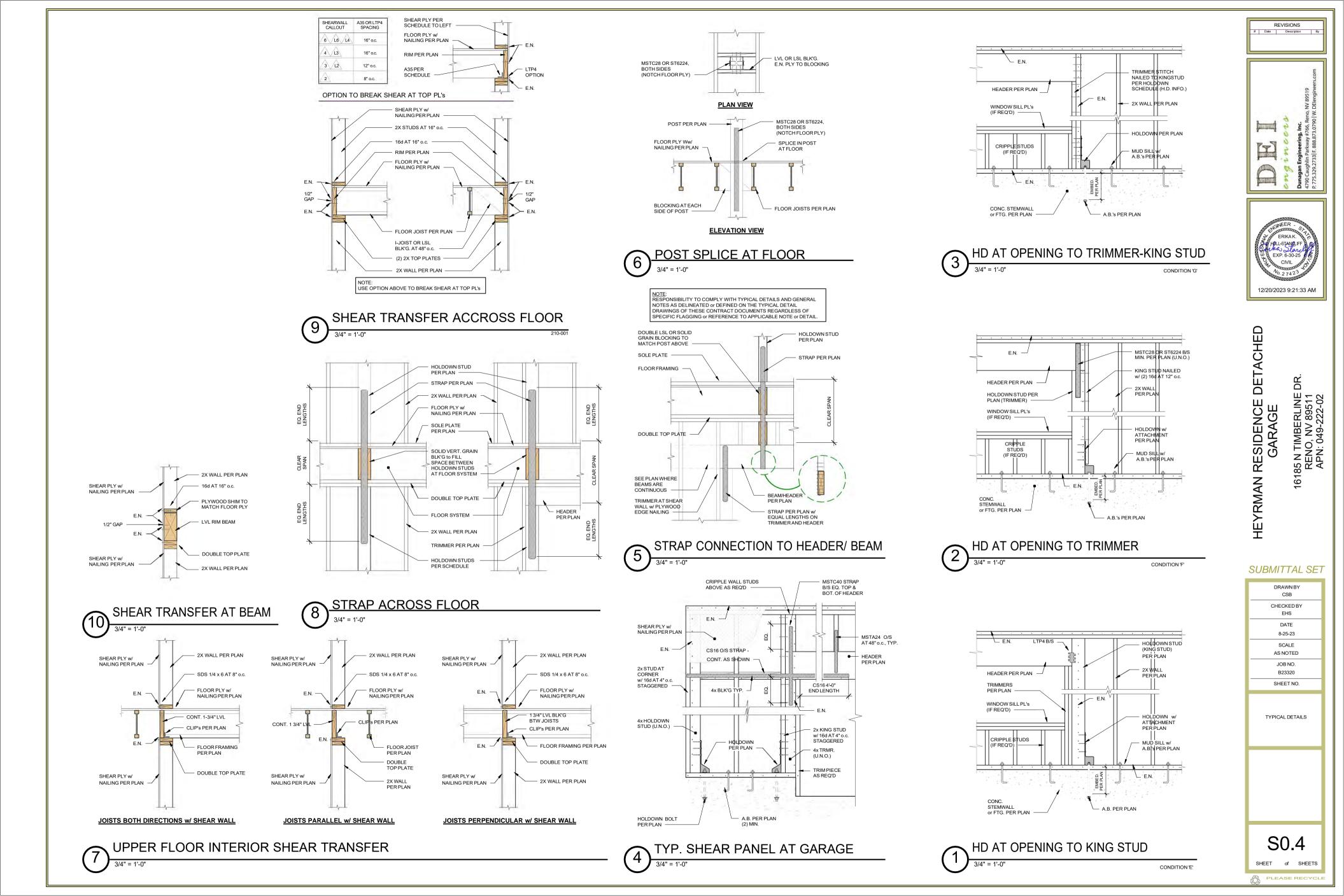
REVISION Date Description
11-27-23 DADAR REVISIONS H

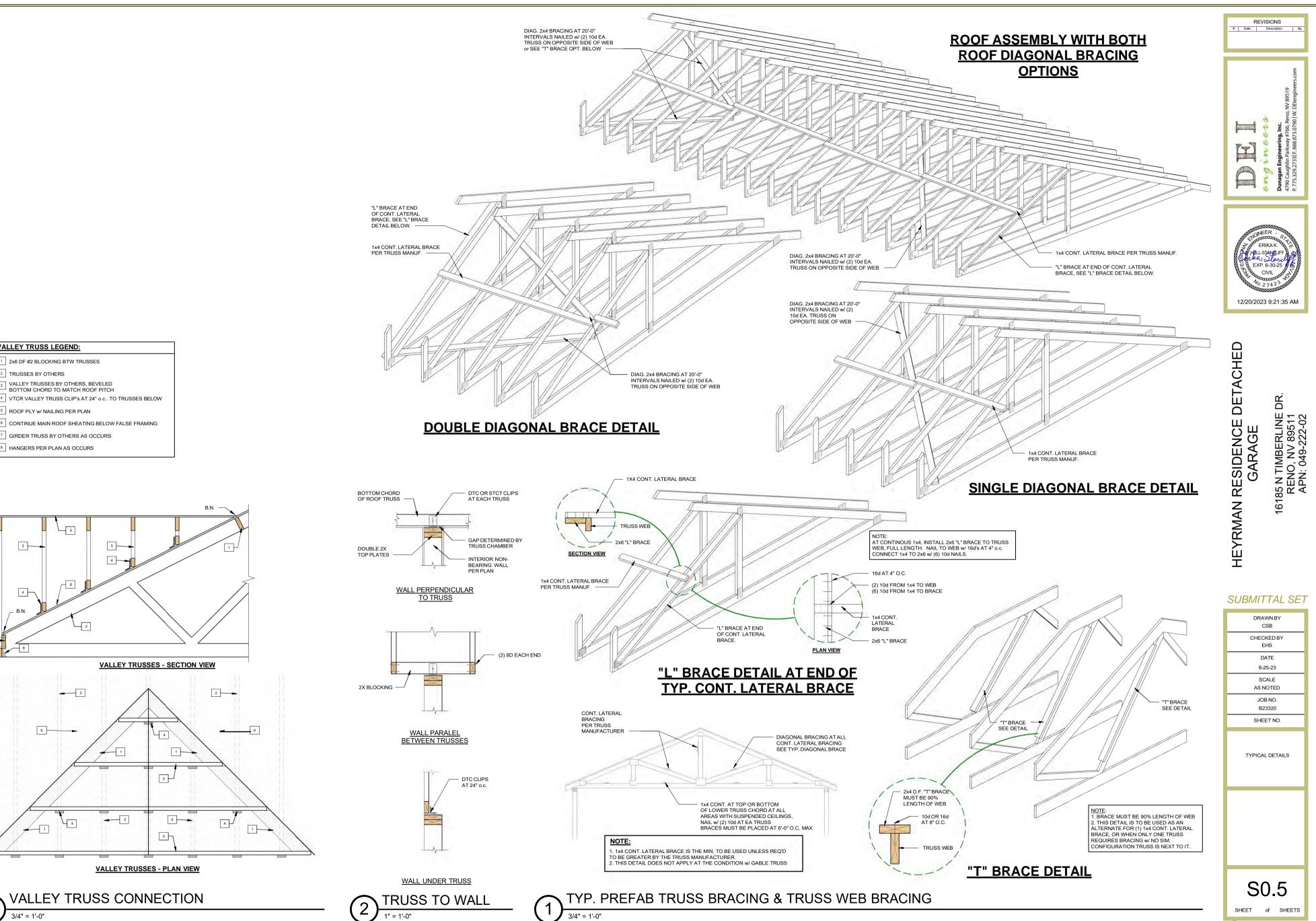


See holdown specification table on this sheet for threaded rod size. (2) Nuts & washer as shown



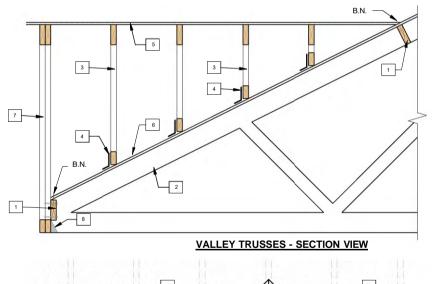


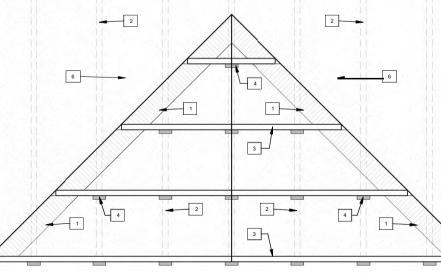




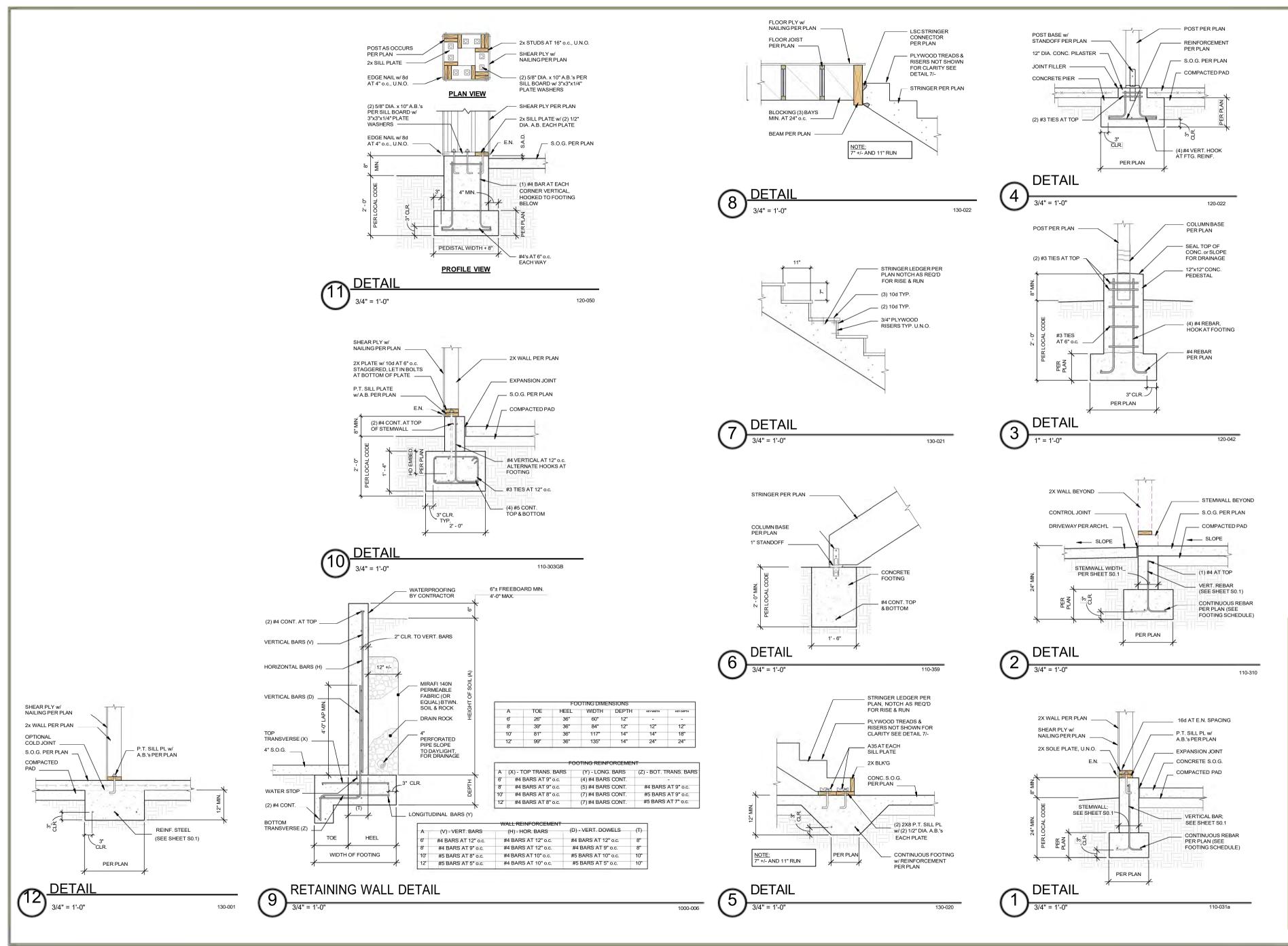
VALLEY TRUSS LEGEND:

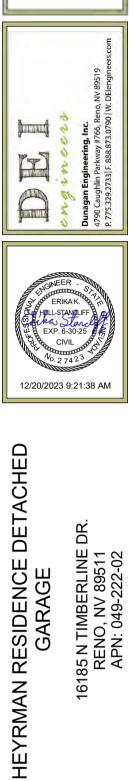
- 2x6 DF #2 BLOCKING BTW TRUSSES
- TRUSSES BY OTHERS
- VALLEY TRUSSES BY OTHERS, BEVELED
- ROOF PLY w/ NAILING PER PLAN





VALLEY TRUSS CONNECTION 3) 3/4" = 1'-0"

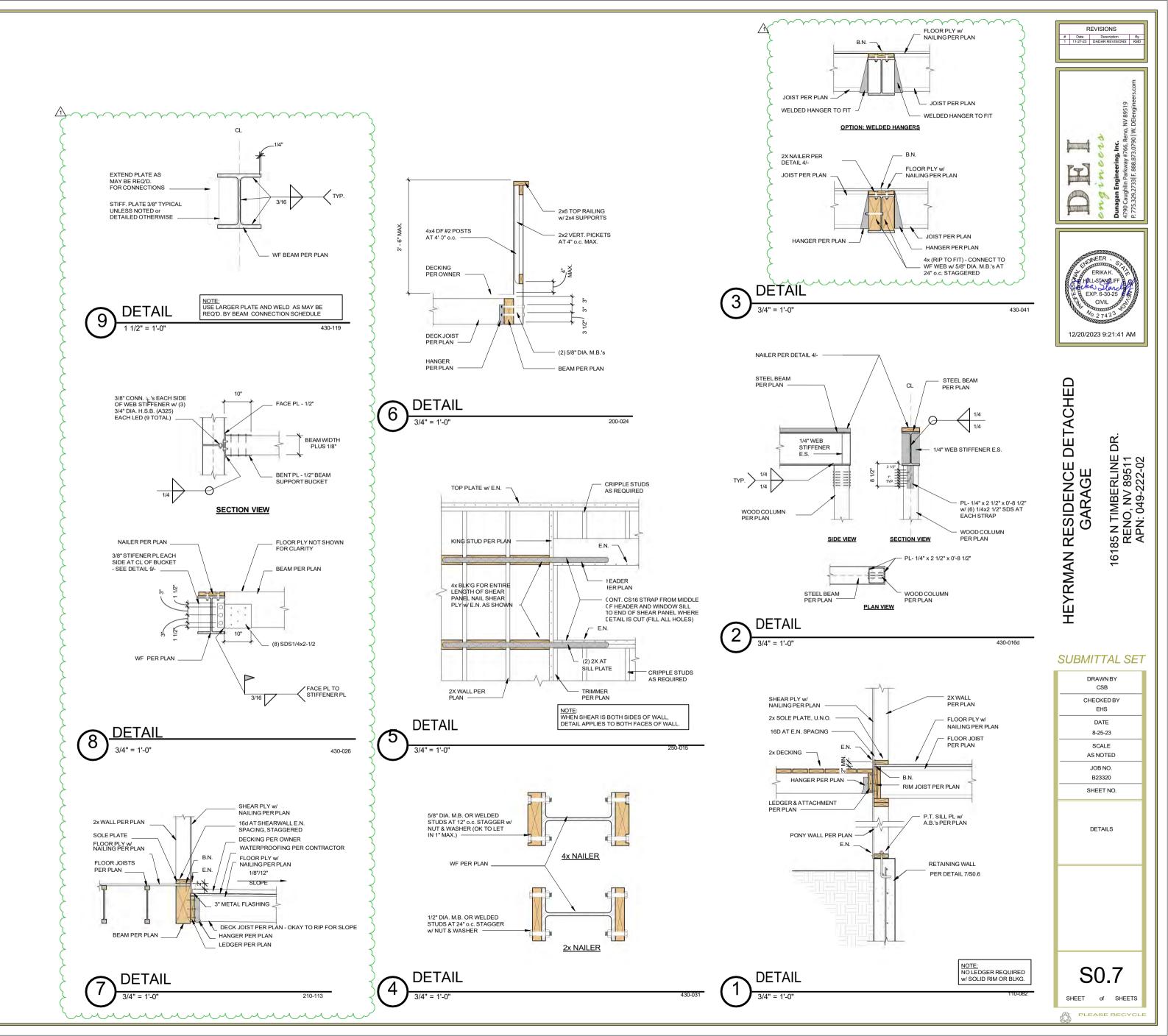


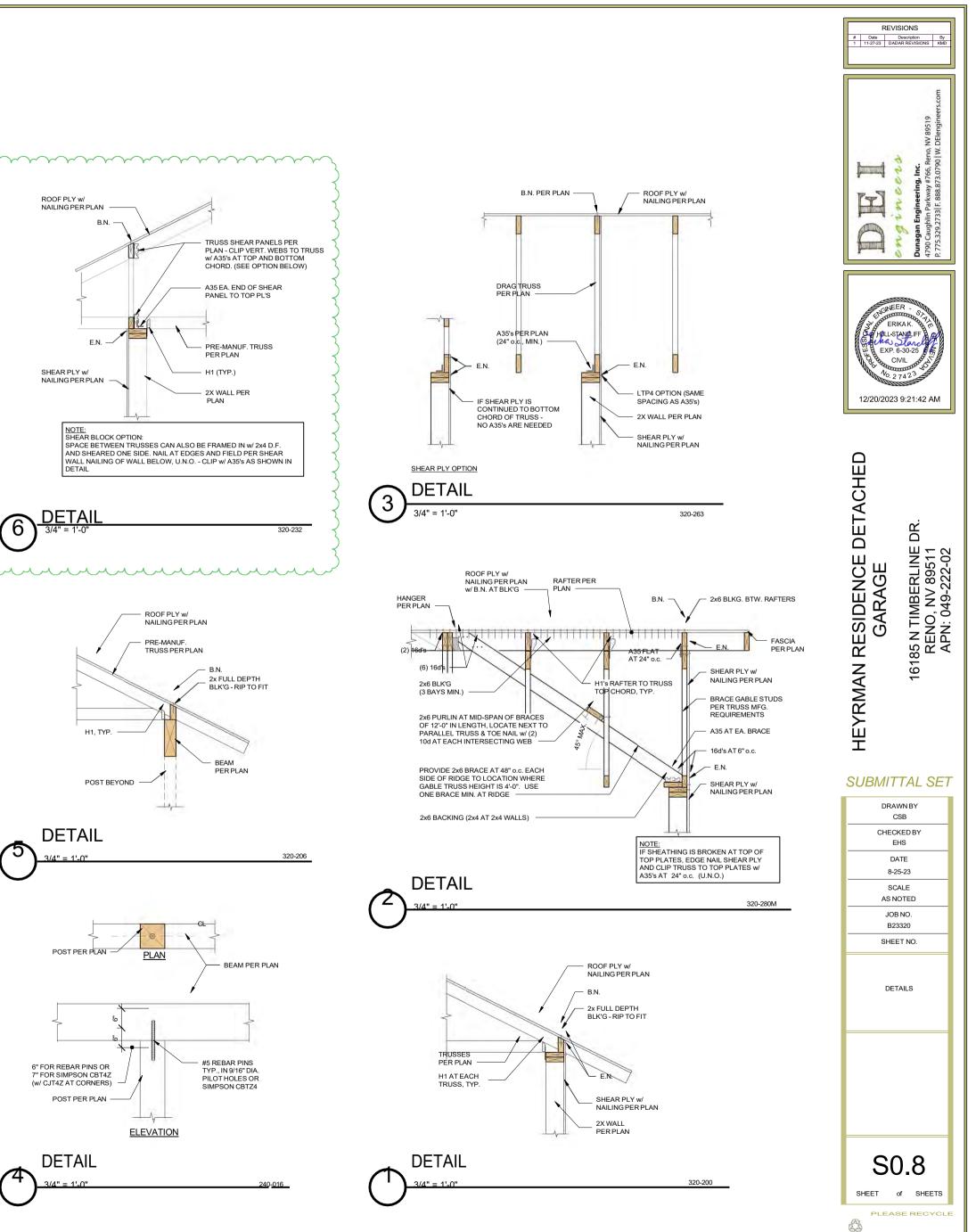


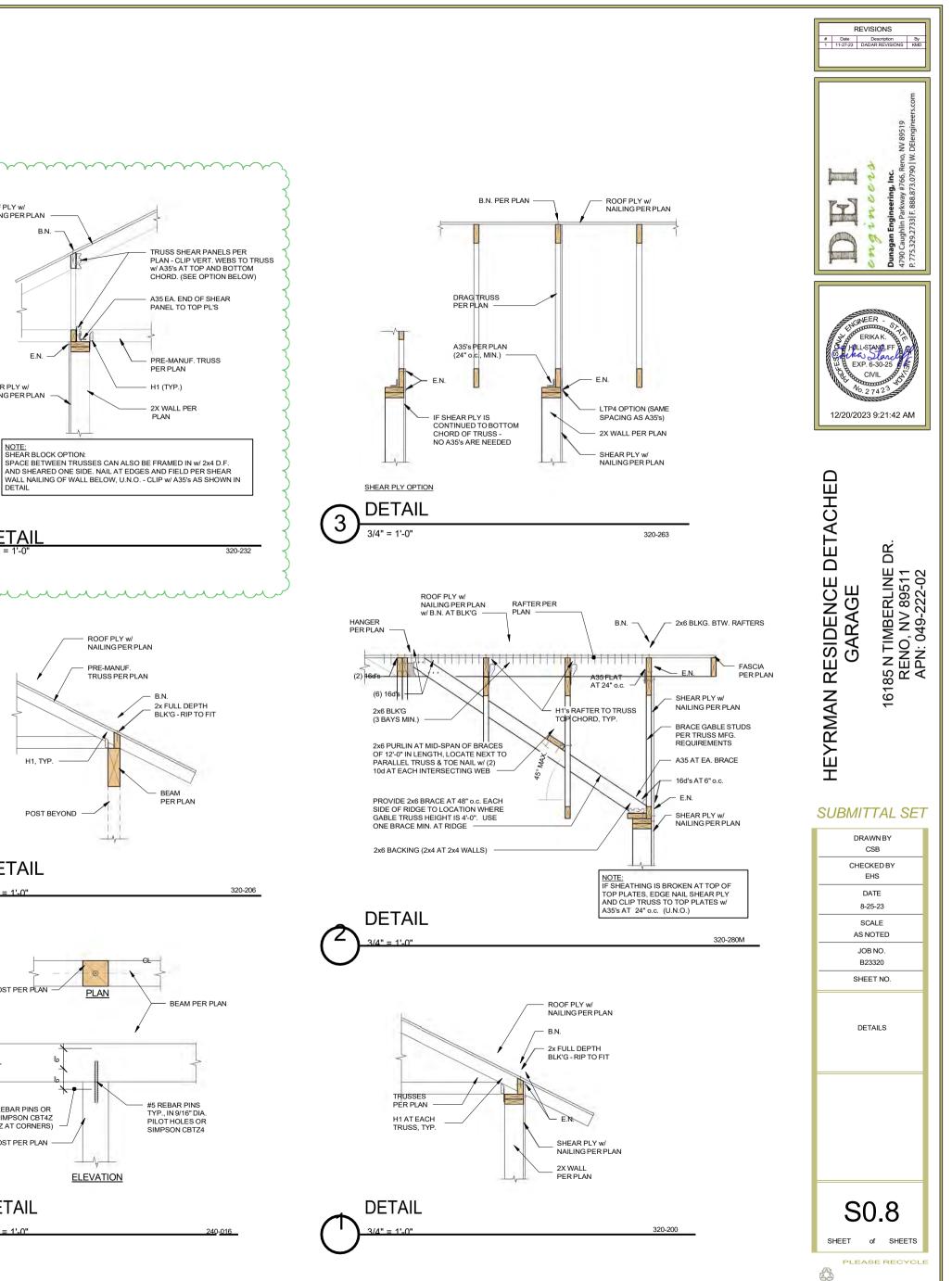
REVISIONS

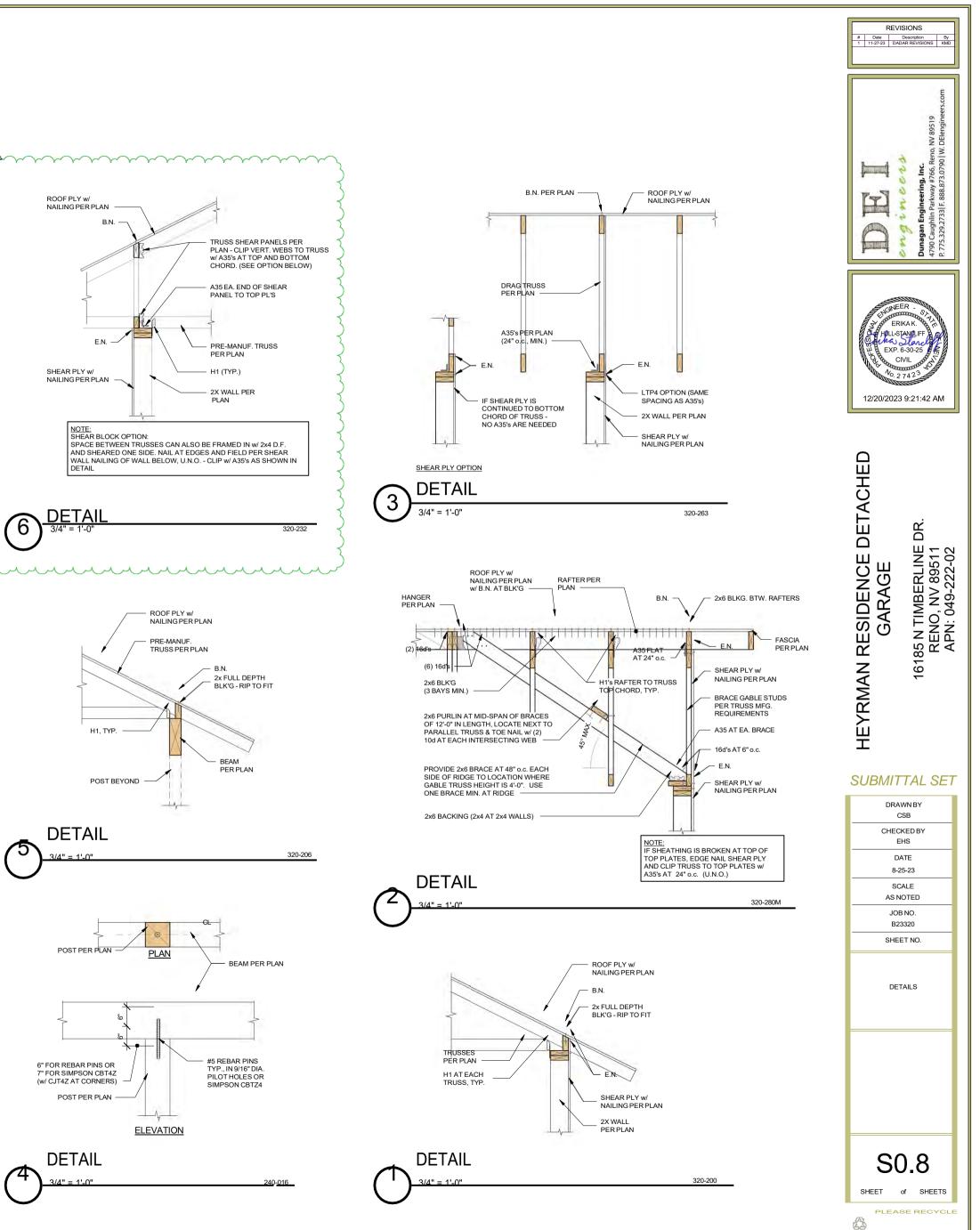
Date Description

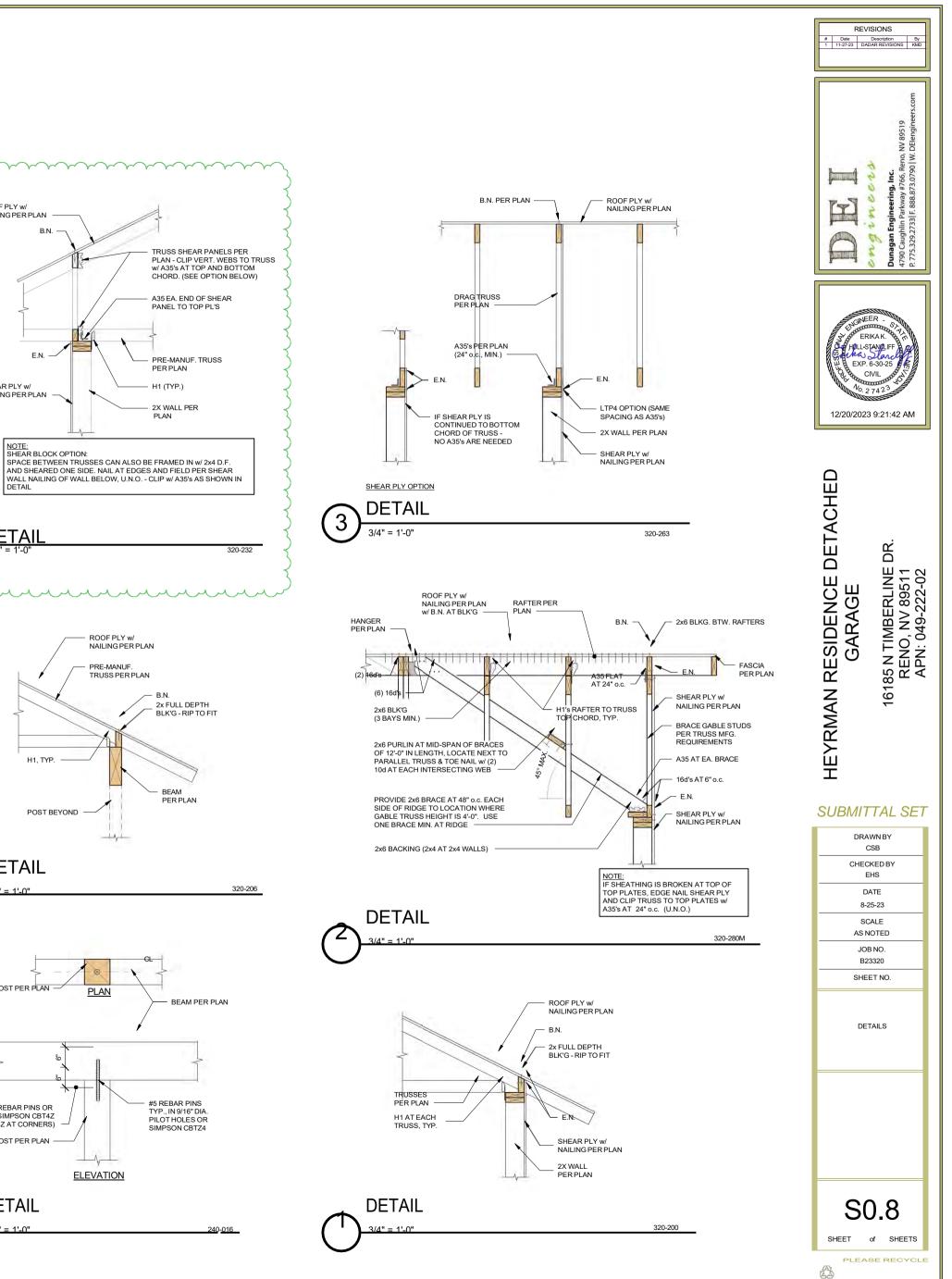
| DRAWN BY CSB CHECKED BY EHS DATE 8-25-23 SCALE AS NOTED JOB NO. B23320 SHEET NO. DETAILS DETAILS SHEET NO. | | |
|---|-----------------|---|
| CHECKED BY EHS DATE 8-25-23 SCALE AS NOTED JOB NO. B23320 SHEET NO. DETAILS SHEET NO. | DRAWN BY | |
| EHS DATE 8-25-23 SCALE AS NOTED JOB NO. B23320 SHEET NO. DETAILS DETAILS | CSB | |
| EHS DATE 8-25-23 SCALE AS NOTED JOB NO. B23320 SHEET NO. DETAILS DETAILS | | |
| DATE 8-25-23 SCALE AS NOTED JOB NO. B23320 SHEET NO. DETAILS DETAILS | | |
| 8-25-23 SCALE AS NOTED JOB NO. B23320 SHEET NO. DETAILS DETAILS SHEET NO. | EHS | |
| SCALE AS NOTED JOB NO. B23320 SHEET NO. DETAILS DETAILS SHEET NO. | DATE | |
| AS NOTED JOB NO. B23320 SHEET NO. DETAILS DETAILS SHEET OF SHEETS | 8-25-23 | |
| JOB NO. B23320 SHEET NO. DETAILS DETAILS SHEET OF SHEETS | SCALE | |
| B23320 SHEET NO. DETAILS SOLG SHEET of SHEETS | AS NOTED | |
| B23320 SHEET NO. DETAILS SOLG SHEET of SHEETS | JOB NO. | |
| SHEET NO. DETAILS SOLG SHEET of SHEETS | | |
| DETAILS BO.6 SHEET of SHEETS | | |
| SO.6 SHEET of SHEETS | SHEET NO. | |
| SHEET of SHEETS | DETAILS | |
| SHEET of SHEETS | | |
| | S0.6 | |
| A PLEASE RECYCLE | SHEET of SHEETS | |
| | | E |

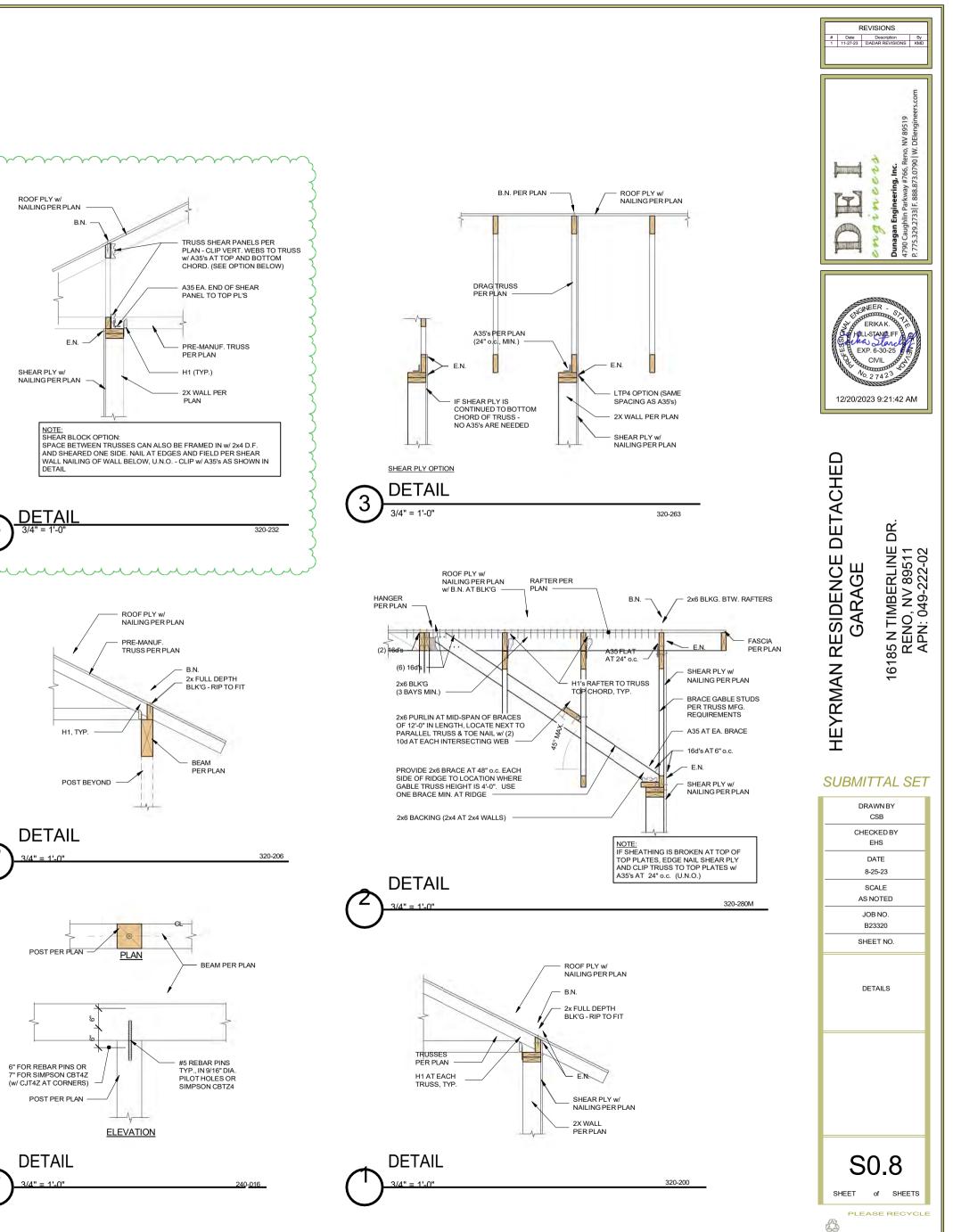




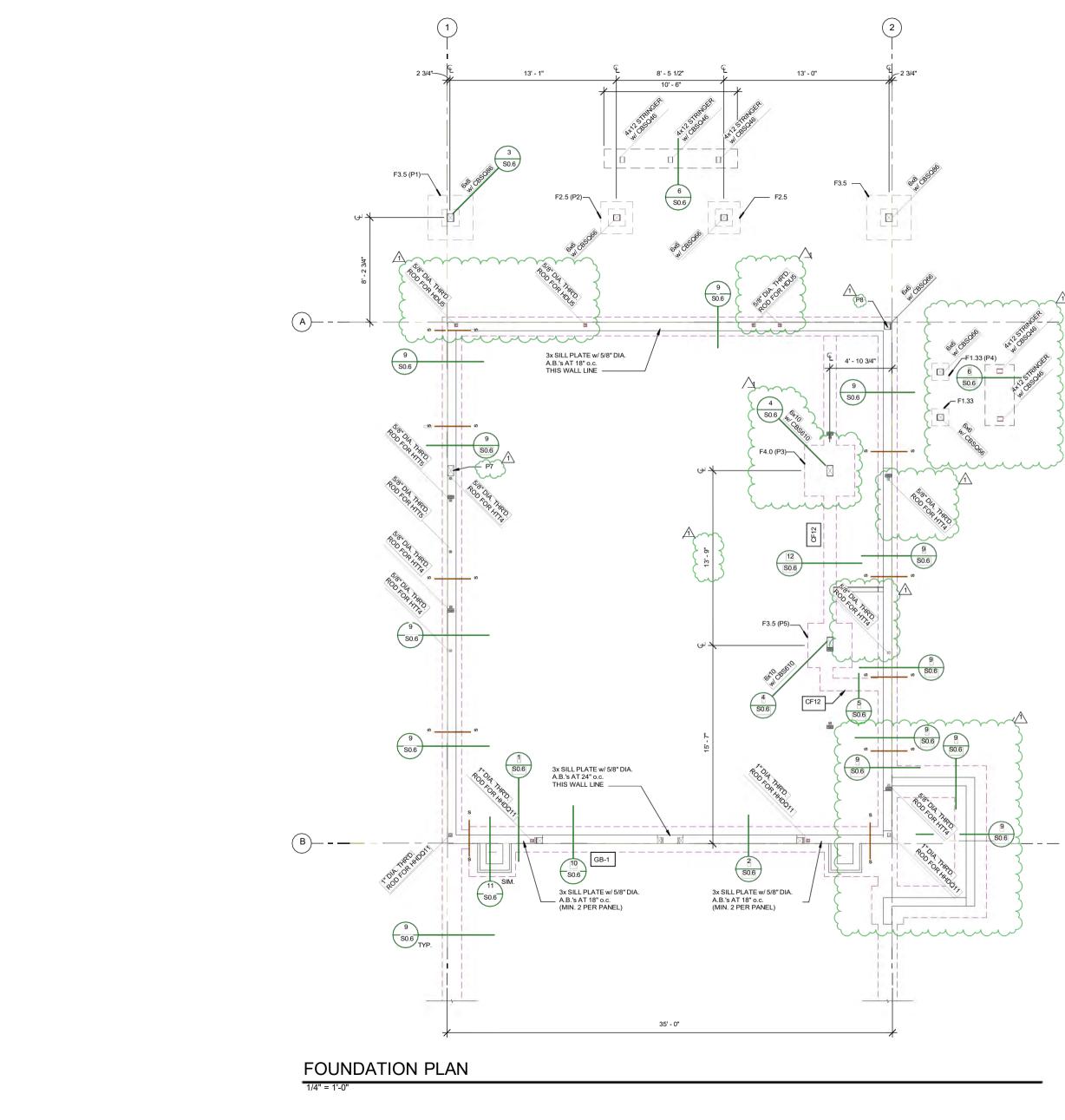
















SILLS & PADS: 3x PRESSURE TREATED LUMBER, TYP., U.N.O., TIMBERSTRAND LSL TREATED SILL PL'S PER ICC-ES ESR-1387.

ANCHOR BOLTS: 5/8° DIAMETER A.B. AT 4'-0° o.c. MAX., U.N.O. (2) ANCHOR BOLTS PER BOARD MIN., 12° FROM ENDS MAX. ANCHOR BOLTS EMBEDDED 7" MIN. INTO CONCRETE. SEE DETAIL 14/S0.2 FOR EXISTING CONCRETE CONDITIONS

DIMENSIONS: BUILDING DIMENSIONS SHOWN ARE FOR GENERAL REFERENCE ONLY. SEE THE ARCHITECTURAL DRAWINGS (S.A.D.) FOR ACTUAL BUILDING DIMENSIONS. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND ARCHITECT SO CLARIFICATION CAN BE MADE. ALL DIMENSIONS SHALL BE VERIFIED BY THE CONTRACTOR AND SUBMITTED IN WRITING TO THE ENGINEER AND ARCHITECT FOR REVIEW PRIOR TO CONSTRUCTION.

NOTE: SEE STRUCTURAL FLOOR PLANS FOR LOCATION OF HOLDOWNS.

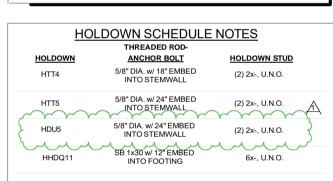
| | PIER SC | HEDUL | <u>.E</u> |
|-------|-----------------------------|--------------|----------------------|
| MARK | <u>WIDTH</u> (each side) | <u>DEPTH</u> | STEEL (each way) |
| F1.33 | 16" | 10" | (2) #4's |
| F2.5 | 30" | 12" | (4) #4's |
| F3.0 | 36" | 12" | (4) #4's |
| F3.5 | 42" | 14" | (6) #4's or (4) #5's |
| | | | |

CONT. FOOTING SCHEDULE

| SYMBOL | <u>WIDTH</u> | <u>DEPTH</u> (u.n.o.) | STEEL (c (2) #4'ss) |
|--------|--------------|--------------------------|---|
| CF12 | 12" | 8" | (2) #4's |
| CF18 | 18" | 8" | |
| GB1 | 24" | 16" | #3 TIES AT 12" o.c.; (4) #5 TOP & BTM. |
| | | | |

- 8" WIDE STEMWALL w/ (1) #4 CONTINUOUS TOP AND #4 AT 48" o.c. VERTICAL, HOOK AT FOOTING (ALTERNATE HOOKS). IF THE TOP OF STEMWALL EXCEEDS 36" ABOVE THE TOP OF FOOTING, USE #4 AT 18" o.c. HORIZONTAL CONTINUOUS AND #4 AT 24" o.c VERTICAL.
- PROVIDE #4 VERTICALS AT 48" o.c. FOR TYPICAL STEM, HOOK AT FOOTING (ALTERNATE HOOKS)
- ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL, ASSUMED SOIL BEARING PRESSURE IS DETERMINED IN ACCORDANCE w/ IBC TABLE 1806.2, UNLESS SOIL REPORT IS PROVIDED.
- EXTERIOR FOOTINGS TO BE PLACED 24" BELOW GRADE PER APPLICABLE CODES.

NOTE: SEE DETAILS FOR SPECIAL REINFORCING OF STEMWALL AND FOOTINGS.



HOLDOWN INFORMATION

- ALL HOLDOWNS TO BE SCREWED or NAILED TO DOUBLE STUDS, U.N.O. PROVIDE (1) #4 HORIZONTAL AT TOP OF STEMWALL AT ALL HOLDOWN ANCHOR BOLTS HOLDOWN ANCHOR BOLTS ARE DESIGNED FOR UPLIFT ONLY STANDARD

- MUDSILL ANCHOR BOLTS ARE REQUIRED (SPACING PER PLAN). USE RIM & BLOCKING OR DOUBLE SOLID BLOCKING AT HOLDOWN HTT4, HTT5, HDU5, HDU8, AND HDO8. USE VERTICAL GRAIN SOLID BLOCKING TO MATCH HOLDOWN STUD AT
- HOLDOWN HHDQ11, HHDQ14, HDU14 AND HD19. NAIL (2) 2x STUDS TOGETHER w/ 16d's AT 4" o.c. STAGGERED. LOCATE NAILS 3" MIN. FROM END OF STUDS AND PROVIDE 1" MIN. EDGE DISTANCE
- * SEE HOLDOWN ANCHOR BOLT SCHEDULE SHEET S0.1 FOR SIMPSON SSTB BOLTS.



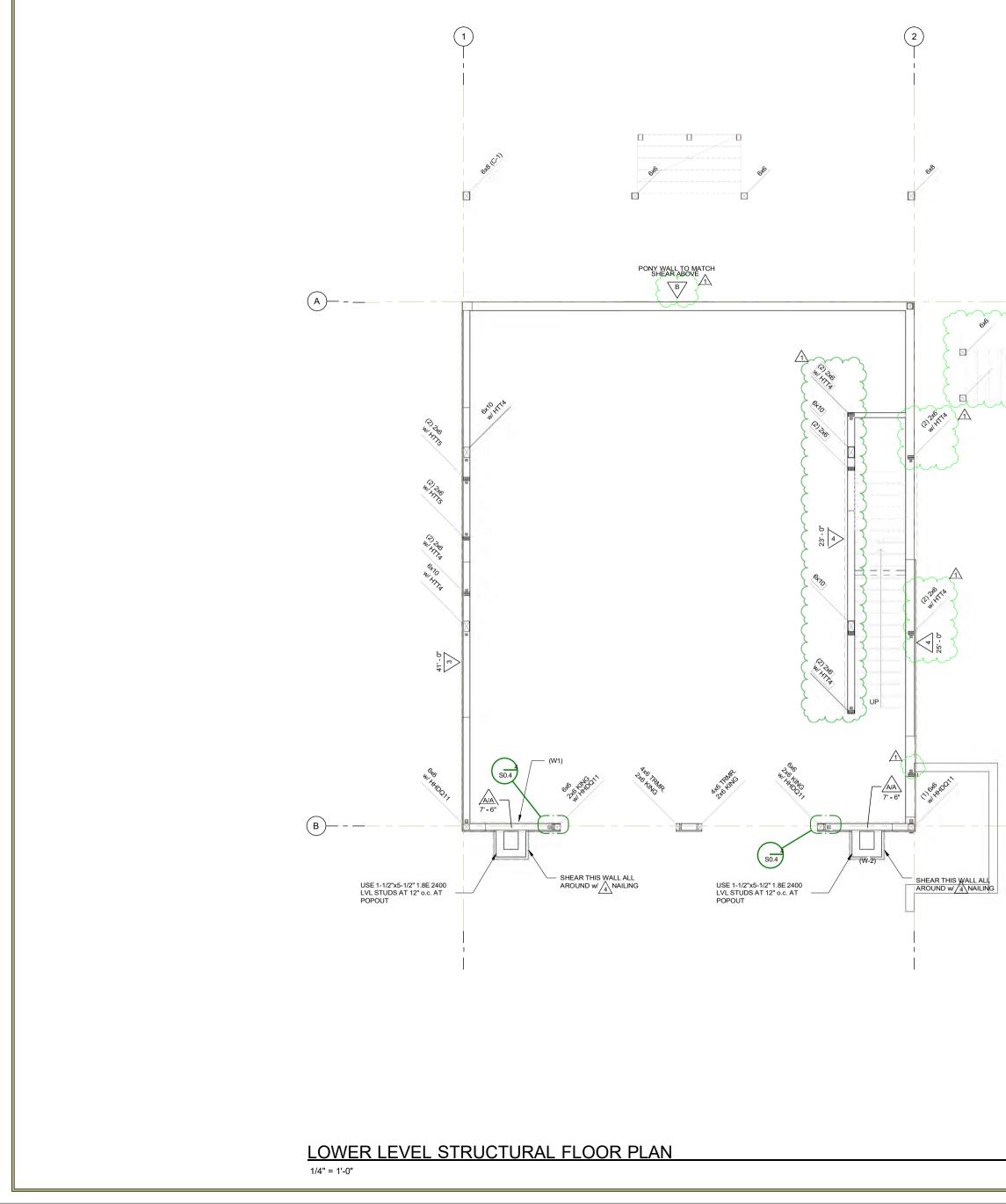
 Date
 Description

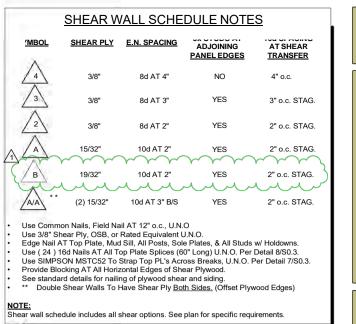
 11-27-23
 DADAR REVISIONS

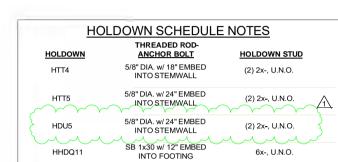
SUBMITTAL SET

DRAWN BY CSB CHECKED BY EHS DATE 8-25-23 SCALE AS NOTED JOB NO. B23320 SHEET NO. FOUNDATION PLAN S1.1 SHEET of SHEETS

PLEASE RECYCL







HOLDOWN INFORMATION

- ALL HOLDOWNS TO BE SCREWED or NAILED TO DOUBLE STUDS, U.N.O. PROVIDE (1) #4 HORIZONTAL AT TOP OF STEMWALL AT ALL HOLDOWN ANCHOR BOLTS
- ANCHOR BOLTS HOLDOWN ANCHOR BOLTS ARE DESIGNED FOR UPLIFT ONLY STANDARD MUDSILL ANCHOR BOLTS ARE REQUIRED (SPACING PER PLAN). USE RIM & BLOCKING OR DOUBLE SOLID BLOCKING AT HOLDOWN HTT4, HTT5, HDU5, HDU8, AND HDQ8. USE VERTICAL GRAIN SOLID BLOCKING TO MATCH HOLDOWN STUD AT HOLDOWN HHDQ11, HHDQ14, HDU14 AND HD19. NAIL (2) 2x STUDS TOGETHER W/ 16d's AT 4" o.c. STAGGERED. LOCATE NAILS 3" MIN. FROM END OF STUDS AND PROVIDE 1" MIN. EDGE DISTANCE

* SEE HOLDOWN ANCHOR BOLT SCHEDULE SHEET S0.1 FOR SIMPSON SSTB BOLTS.

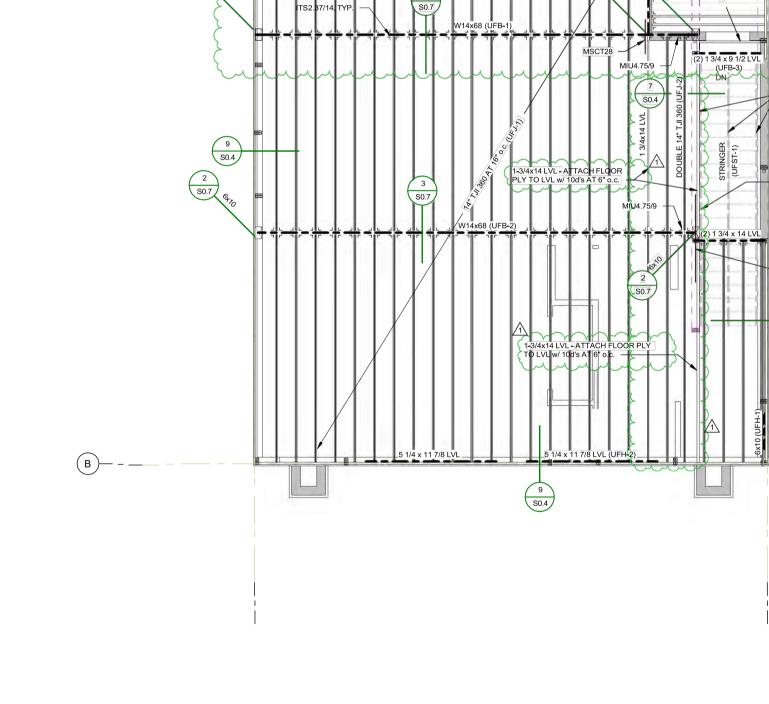


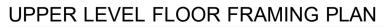
REVISIONS Date Description
11-27-23 DADAR REVISIONS

SUBMITTAL SET

| DRAWN BY | |
|--------------------------------------|--|
| CSB | |
| CHECKED BY | |
| EHS | |
| | |
| DATE | |
| 8-25-23 | |
| SCALE | |
| AS NOTED | |
| JOB NO. | |
| B23320 | |
| SHEET NO. | |
| | |
| LOWER LEVEL STRUCTURAL FLOOR PLAN | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| 04.0 | |
| S1 2 | |
| S1.2 | |
| S1.2 SHEET of SHEETS | |







1

HU48 TYP

2 50.7 942

(A)-

heren

4x12 STRINGERS, TYP. OF (3)

HUC68, TYP

1/4" = 1'-0"

UPPER FLOOR FRAMING NOTES

SUBFLOOR: 3/4" PLYWOOD SHEATHING, EXPOSURE 1, T & G UNDERLAYMENT GRADE, APA SPAN RATED 24" o.c. or EQUIVALENT, LAID AT RIGHT ANGLES OVER FLOOR JOISTS. STAGGER JOINTS, GLUE & NAIL WITH 10d's AT 6" o.c. EDGE, 10" o.c. FIELD.

FLOOR JOISTS: 14" TJI 360 I-JOISTS AT 16" o.c. w/ ITS2.37/14 OR IUS2.37/14 HANGERS, U.N.O., INSTALLED PER MANUFACTURER'S SPECIFICATIONS AT RIGHT ANGLES OVER BEARING. DOUBLE UNDER PARALLEL WALLS. MAINTAIN 18" MIN. CLEARANCE TO SOIL. BLOCK ALL JOISTS AT BEARING POINTS PER MFR. SPECIFICATIONS.

 GIRDERS OR BEAMS:

 UVL's, PSL's AND LSL's:

 • ALL LVL's SHALL HAVE Fb= 2600 PSI, Fv= 285 PSI, AND E= 2.0x10 PSI MIN.

 UNLESS NOTED OTHERWISE NAIL MULTI-PLY LVL's w(3) 16d's AT12" o.c.

 • ALL PSL's SHALL HAVE Fb=2900 PSI, Fv= 290 PSI, AND E=2.0x10 PSI MIN., U.N.O.

 • ALL LSL's SHALL HAVE Fb=2325 PSI, Fv=310 PSI, AND E=1.55x10 PSI MIN.

 U.N.O., NAIL MULTI-PLY LVL's w(3) 16d's AT 12" o.c.

GLB'S: G.L.B.'S USED FOR SIMPLE SPANS TO BE 24F-V4DF/DF. G.L.B.'S USED FOR CONTINUOUS OR CANTILEVERED SPANS TO BE 24F-V8 DF/DF. BEAMS EXPOSED TO WEATHER MUST BE RATED EXTERIOR, OR PROTECTED w/ APPROPRIATE FLASHING.

RIM: 1 1/4" TIMBERSTRAND LSL 1.3E.

HEADERS: 6x10 ROSBORO MFG. TIMBER or DF #1 AT 2x6 WALLS TYP., U.N.O. 4x10 ROSBORO MFG. TIMBER or DF #2 AT 2x4 WALLS TYP., U.N.O.

TRIMMERS: DBL. TRIMMERS AT OPENINGS GREATER THAN 5'-0" TYP., U.N.O. POSTS: 4x D.F. #2 AND 6x D.F. #1 (LOCATE AS NOTED)

METAL CONNECTORS: ALL HANGERS SPECIFIED ARE SIMPSON STRONG TIE OR EQUAL.

NOTE: SEE TRUSS CALCULATIONS FOR TRUSS DESCRIPTIONS.



12/20/2023 9:21:49 AM

REVISIONS Date Description 1
11-27-23 DADAR REVISIONS K

HEYRMAN RESIDENCE DETACHED GARAGE

DR. 16185 N TIMBERLINE D RENO, NV 89511 APN: 049-222-02

SUBMITTAL SET





 Λ ATTACH STRINGER TO WALL STUDS w/ (2) 0.22x5 SDWS

ATTACH 2x10 LEDGER TO LVL BEAM w/ (3) SDS1/4x3 AT 16" o.c.

 $\sim\sim\sim$

4x12 STRINGERS, TYP. OF (2)

3x TREADS w/ TA10Z

EACH END, TYP

 \wedge

2

6x10 2X T&G DECKING, TYP.

3x LEDGER w/ (2) 0.220x6 SDWS AT 16" o.c.

HUC48, TYP

eto

m

9 S0.4 - 4x8 AT 16" o.c. (DJ-2)

3X LEDGER w/ (2) 0.220x6 SDWS AT 16" o.c.

- (3) 1·3/4x11 7/8" LVL STRINGERS

– LUS48, TYP. 1---

3X TREADS w/ TA10Z EACH END, TYP.

HUC41

S0.7

d's AT 6

S0.7

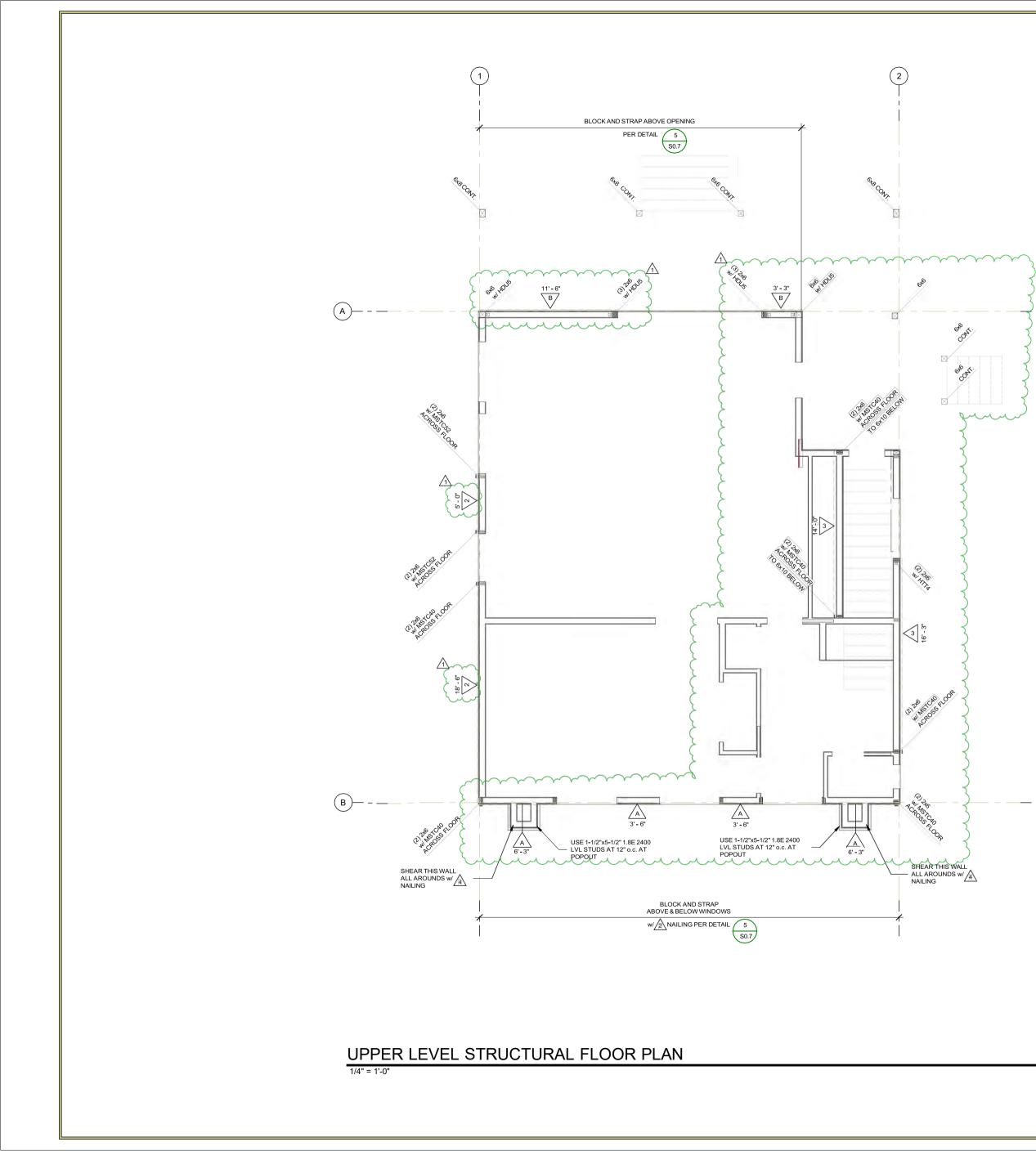
7

DB-2)

2x T&G DECKING, TYP.

ALTER HOUSE

/1\



| SHEAR WALL SCHEDULE NOTES | | | | |
|---|------------|---------------|---|--|
| SYMBOL | SHEAR PLY | E.N. SPACING | 3x STUDS AT ADJOINING PANEL EDGES | 16d SPACING AT SHEAR <u>TRANSFER</u> |
| 4 | 3/8" | 8d AT 4" | NO | 4" o.c. |
| $\sqrt{3}$ | 3/8" | 8d AT 3" | YES | 3" o.c. STAG. |
| 2 | 3/8" | 8d AT 2" | YES | 2" o.c. STAG. |
| Â | 15/32" | 10d AT 2" | YES | 2" o.c. STAG. |
| В | 19/32" | 10d AT 2" | YES | 2" o.c. STAG. |
| * * | (2) 15/32" | 10d AT 3" B/S | YES | 2" o.c. STAG. |
| Use Common Nails, Field Nail AT 12" o.c., U.N.O Use 3/8" Shear Ply, OSB, or Rated Equivalent U.N.O. Edge Nail AT Top Plate, Mud Sill, All Posts, Sole Plates, & All Studs w/ Holdowns. Use (24) 16d Nails AT All Top Plate Splices (60° Long) U.N.O. Per Detail 8/S0.3. Use SIMPSON MSTC52 To Strap Top PL's Across Breaks, U.N.O. Per Detail 7/S0.3. Provide Blocking AT All Horizontal Edges of Shear Plywood. See standard details for nailing of plywood shear and siding. ** Double Shear Walls To Have Shear Ply Both Sides. (Offset Plywood Edges) | | | | |

NOTE: Shear wall schedule includes all shear options. See plan for specific requirements

Dunagan Engineering, Inc. 4790 Caughlin Parkway #766, Rk P. 775.329.2733| F. 888.873.0790 N N 12/20/2023 9:21:51 AM

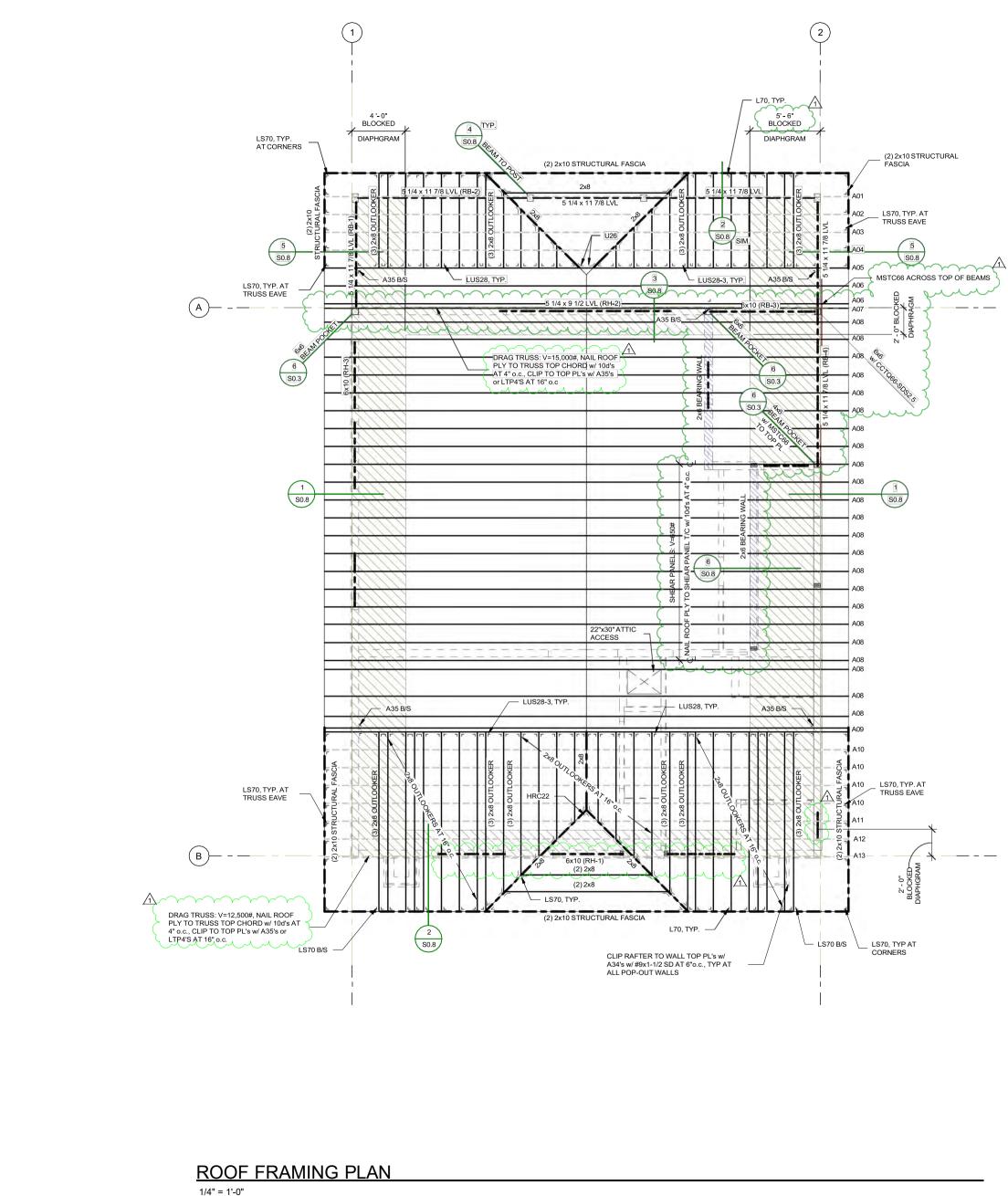
1

REVISIONS Date Description By
1 11-27-23 DADAR REVISIONS KMB

HEYRMAN RESIDENCE DETACHED GARAGE 16185 N TIMBERLINE DR. RENO, NV 89511 APN: 049-222-02

SUBMITTAL SET

| DRAWN BY CSB |
|--------------------------------------|
| CHECKED BY EHS |
| DATE |
| 8-25-23 |
| SCALE AS NOTED |
| JOB NO. |
| B23320 |
| SHEET NO. |
| UPPER LEVEL STRUCTURAL FLOOR PLAN |
| |
| S2.2 |
| SHEET of SHEETS |



ROOF FRAMING NOTES

SHEATHING: 5/8" CDX PLYWOOD (or EQUAL) EXPOSURE 1, APA SPAN RATED (40/20). STAGGER JOINTS, NAIL w/ 10d AT 6" o.c ALL EDGES, GABLE ENDS AND FRIEZE BLOCKS. NAIL w/ 10d AT 12" o.c. FIELD. ALL PLYWOOD SHALL CONFORM TO APA PS 1. ALL SHEAR PLYWOOD SHALL BE C-D, C-C, 303 (T1-11), or APPROVED EQUAL.

TRUSSES:

INUSSES: PRE-MFG.'d ENGINEERED TRUSSES AT 16" o.c. PROVIDE 2x STUD PER TRUSS PLY AT ALL GIRDER BRG. POINTS AT PLATES. U.N.O.

NOTE: SEE TRUSS CALCULATIONS FOR TRUSS DESCRIPTIONS

- LVL's. PSL's & LSL's:

 • ALL LVL'S SHALL HAVE Fb= 2600 PSI, Fv= 285 PSI, AND E=2.0x10^6 PSI MIN. UNLESS NOTED OTHERWISE NAIL MULTI-PLY LVL's w/ (3) 16d's AT 12" o.c.

 • ALL PSL's SHALL HAVE Fb= 2900 PSI, Fv= 290 PSI, AND E=2.0x10^6 PSI MIN.
 U.N.O.
- ALL LSL'S SHALL HAVE Fb= 2250 PSI, Fv= 400 PSI, AND E=1.5x10^6 PSI MIN.
 UNLESS NOTED OTHERWISE NAIL MULTI-PLY LVL'S w/ (3) 16d'S AT 12" o.c.

G.L.B.'S: GLU-LAMS USED FOR SIMPLE SPANS SHALL BE 24F-V4 U.N.O. GLU-LAMS USED FOR CONTINUOUS SPANS or CANTILEVER SHALL BE 24F-V8, U.N.O. GLU-LAMS EXPOSED TO WEATHER SHALL BE RATED FOR EXTERIOR USE BY MANUFACTURER or APPROVED PROTECTION FROM EXPOSURE TO BE PROVIDED.

FILL SECTIONS: RIDGE RAFTERS

VALLEY KICKER

2x8 DF #2 OR BETTER 2x6 DF#2 2x8 DF

HEADERS: 6x10 ROSBORO MFG. TIMBER or DF #1 TYP., U.N.O. 4x10 ROSBORO MFG. TIMBER or DF #2 AT 2x4 WALLS TYP., U.N.O.

TRIMMERS: DBL. TRIMMERS AT OPENINGS GREATER THAN 5'-0", AT 2x6 WALLS TYP. U.N.O. DBL. TRIMMERS AT OPENINGS GREATER THAN 4'-0", AT 2x4 WALLS TYP. U.N.O.

POSTS: 4x D.F. #2 AND 6x D.F. #1 (LOCATE AS NOTED)

METAL CONNECTORS: (USE SIMPSON BRAND or APPROVED EQUAL). HANGERS SHOWN AT TRUSSES ARE TYPICAL, PROVIDE HANGERS AS SPECIFIED ON THE STAMPED TRUSS CALCULATIONS. SIMPSON H1 CLIPS AT ALL TRUSS BEARING POINTS ON PLATES & BEAMS SIMPSON H5 CLIPS AT ALL RAFTER BEARING POINTS ON PLATES & BEAMS SIMPSON H5 CLIPS AT ALL RAFTER BEARING POINTS ON PLATES & BEAMS SIMPSON H2.5A CLIPS (B/S) AT ALL GIRDER TRUSS BEARING POINTS. SIMPSON POST CAPS (AS NOTED) SIMPSON ST6224 (AS NOTED)

CALIFORNIA OVER-FRAMING AND DIAPHRAGM BLOCKING NOTES



BLOCKED DIAPHRAGM NAILED w/ 10d's AT 6" o.c. AT BOUNDARIES & PANEL EDGES, & 12" o.c. IN FIELD.



REVISIONS

DR. 16185 N TIMBERLINE C RENO, NV 89511 APN: 049-222-02 HEYRMAN RESIDENCE GARAGE

