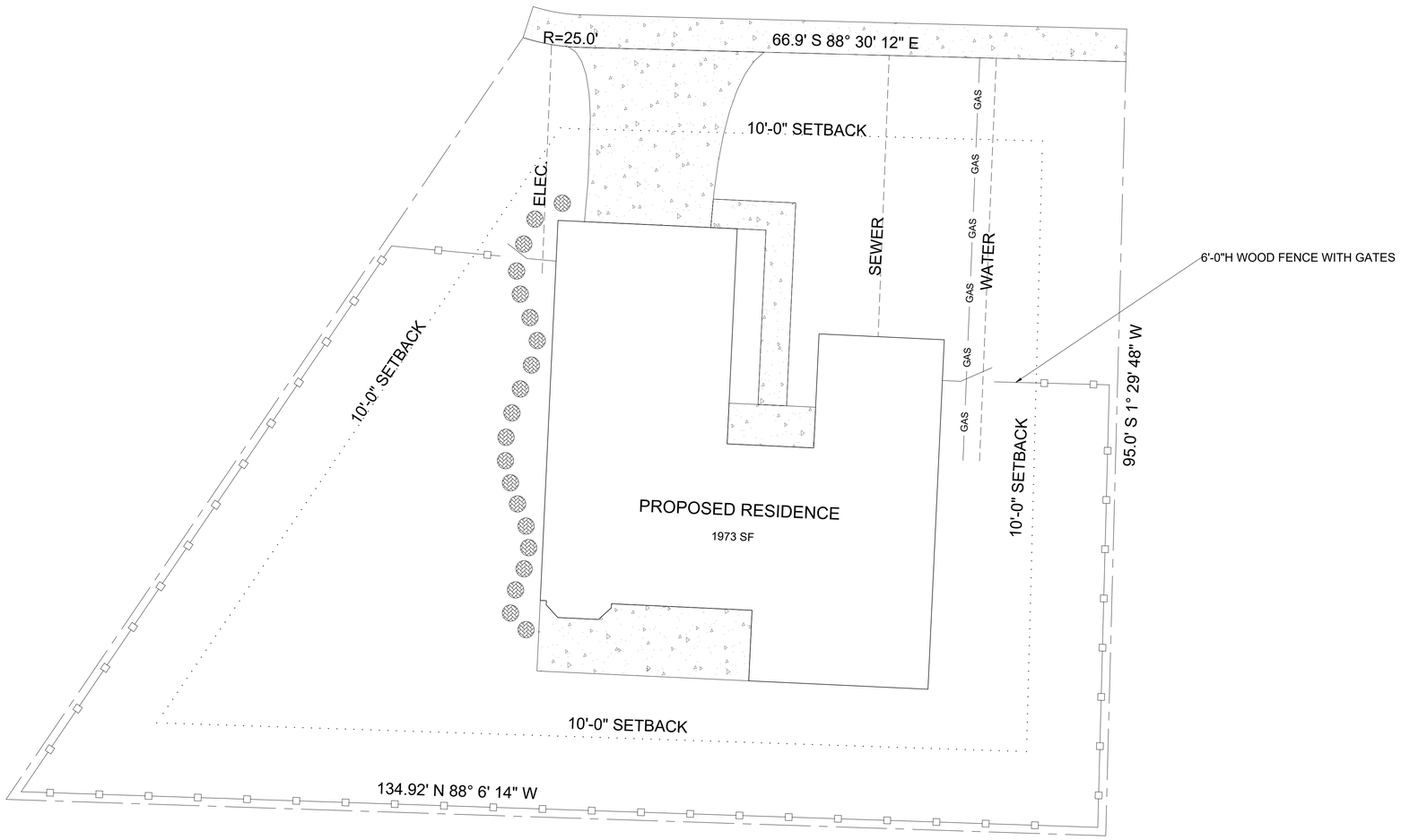


## LEGAL

LOT 2 SANDY ESTATES
CITY OF HOUSTON
COUNTY OF HARRIS
STATE OF TEXAS

## SITE PLAN

SCALE 1:100

**General Notes**

1 BUILDINGS SHALL BE PROVIDED WITH APPROVED ADDRESS IDENTIFICATION. THE ADDRESS IDENTIFICATION SHALL BE LEGIBLE AND PLACED IN A POSITION THAT IS VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. ADDRESS IDENTIFICATION CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND. ADDRESS NUMBERS SHALL BE ARABIC NUMBERS OR ALPHABETICAL LETTERS. NUMBERS SHALL NOT BE SPELLED OUT. EACH CHARACTER SHALL BE NOT LESS THAN 4"H WITH A STROKE WIDTH OF NOT LESS THAN 0.5"
2 GRADING AND PAVING SHALL MANAGE ALL SURFACE WATER FLOWS TO KEEP WATER FROM ENTERING THE DWELLING

| No. | Revision/Issue | Date |
|---|---|---|
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| | | |

Course Name and Project

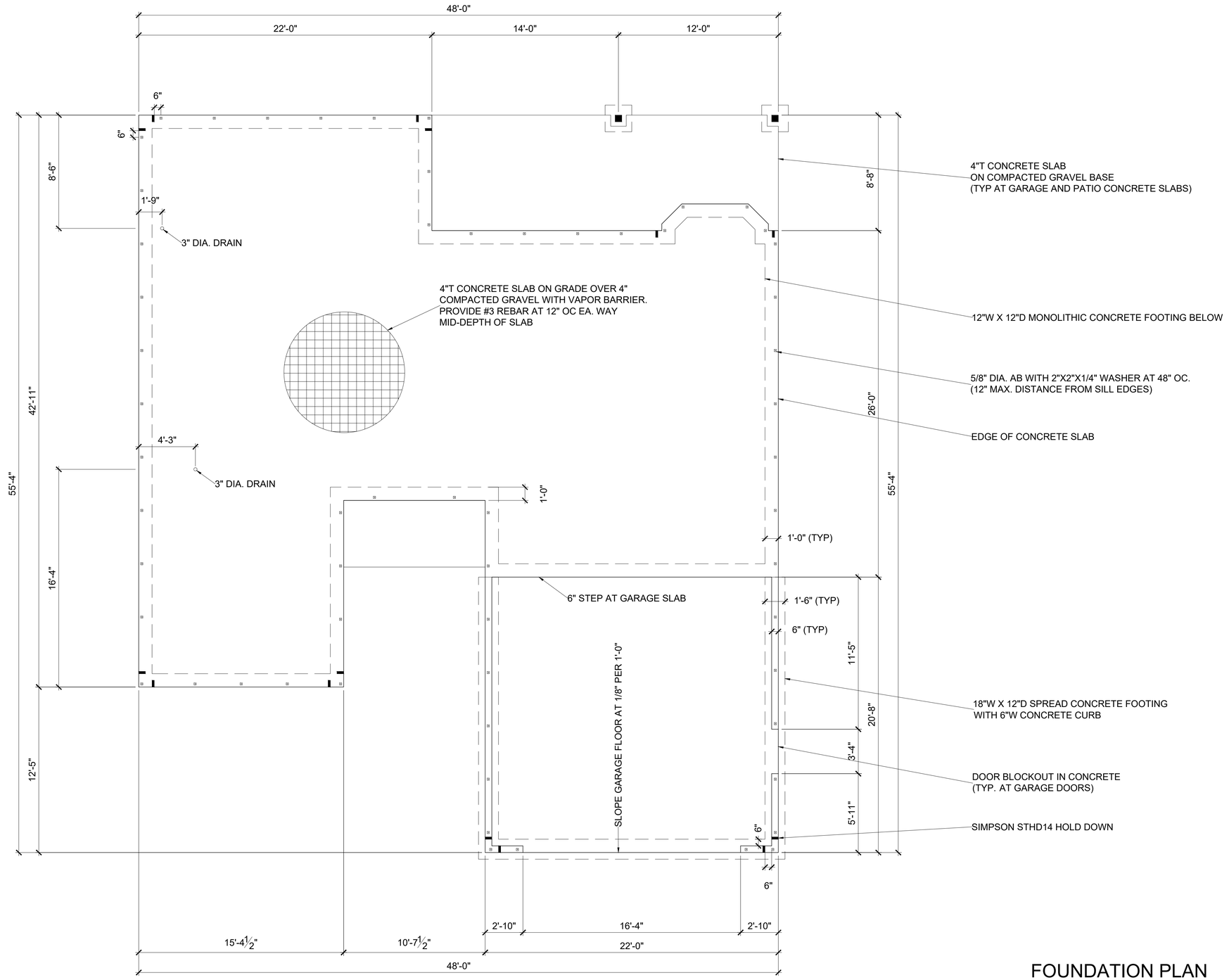
SIERRA COLLEGE
ARCHITECTURAL DRAWING 1
DES 20

COURSE PROJECT
RESIDENTIAL WOOD FRAMED
1-STORY HOUSE

Sheet Name (Assignment)

SITE PLAN

| Student | Sheet |
|---|---|
| KELLY, SCOTT | T101 |
| Date: 5-2-26 | |
| Scale: 1:100 | |




## FOUNDATION PLAN

SCALE ¼"=1'0"

### General Notes

1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION IN ACCORDANCE WITH THE LOCAL BUILDING DEPARTMENT.
2. FOUNDATION DESIGN IS BASED ON 2019 CALIFORNIA BUILDING CODE TYPE 5 SOIL
3. STRUCTURAL CONCRETE SHALL ATTAIN A 28-DAY MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI WITH A MAXIMUM WATER-TO-CEMENT RATIO OF 0.55.
4. ALL FOUNDATION PLATES OR SILLS ON CONCRETE SLABS WHICH ARE IN DIRECT CONTACT WITH EARTH SHALL BE PRESSURE TREATED.
5. 8" MIN. CLEARANCE SHALL BE MAINTAINED AT ALL EXTERIOR WALLS BETWEEN FINISH GRADE AND BOTTOM OF WOOD WALLS.

| No. | Revision/Issue | Date |
|---|---|---|
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| | | |

Course Name and Project

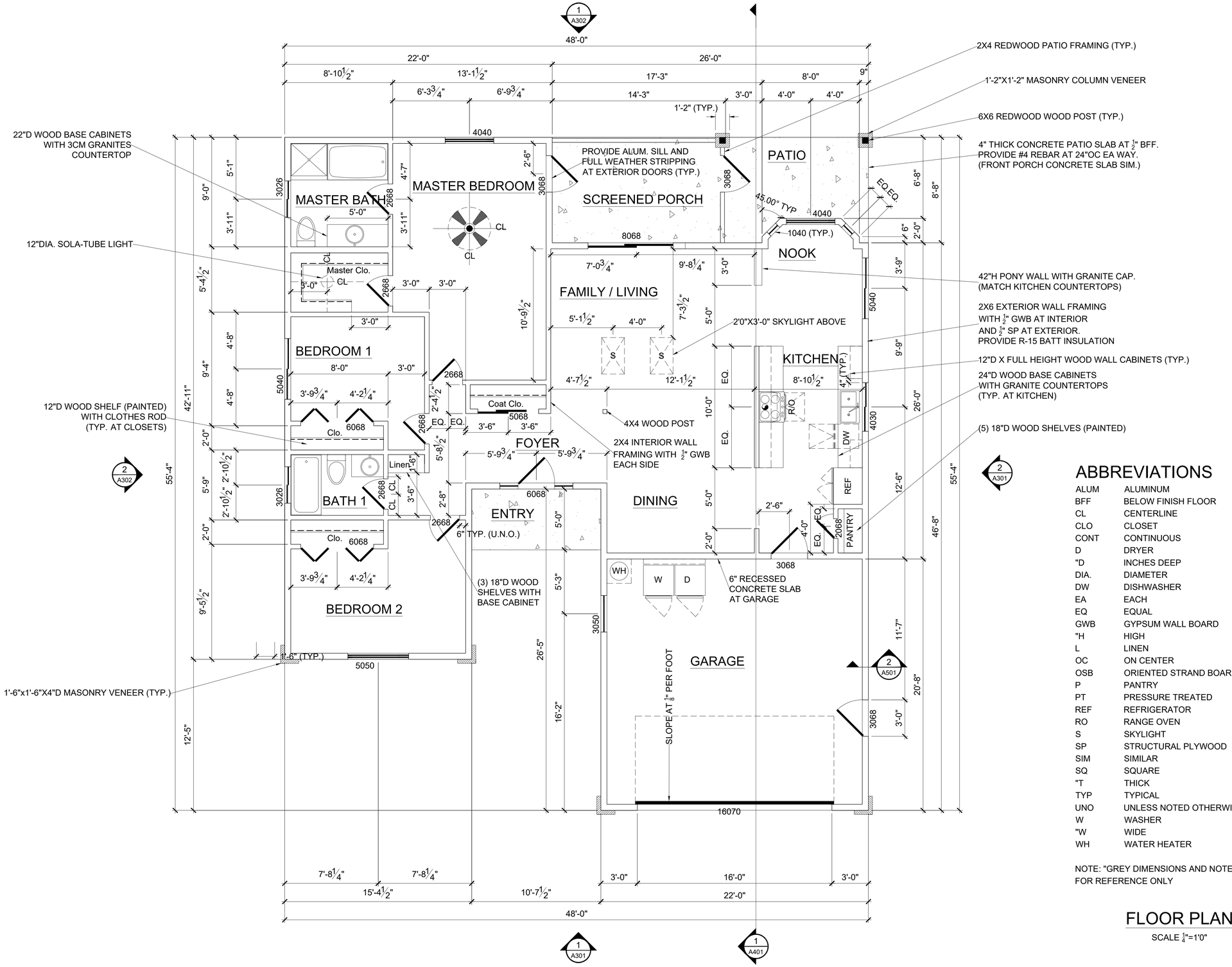
SIERRA COLLEGE
ARCHITECTURAL DRAWING 1
DES 20

COURSE PROJECT
RESIDENTIAL WOOD FRAMED
1-STORY HOUSE

Sheet Name (Assignment)

FOUNDATION PLAN

| Student | Sheet |
|---|---|
| KELLY, SCOTT | S101 |
| Date: 5-2-2026 | |
| Scale: 1/4" = 1'0" | |




## ABBREVIATIONS

| | |
|---|---|
| ALUM | ALUMINUM |
| BFF | BELOW FINISH FLOOR |
| CL | CENTERLINE |
| CLO | CLOSET |
| CONT | CONTINUOUS |
| D | DRYER |
| "D | INCHES DEEP |
| DIA. | DIAMETER |
| DW | DISHWASHER |
| EA | EACH |
| EQ | EQUAL |
| GWB | GYPSUM WALL BOARD |
| "H | HIGH |
| L | LINEN |
| OC | ON CENTER |
| OSB | ORIENTED STRAND BOARD |
| P | PANTRY |
| PT | PRESSURE TREATED |
| REF | REFRIGERATOR |
| RO | RANGE OVEN |
| S | SKYLIGHT |
| SP | STRUCTURAL PLYWOOD |
| SIM | SIMILAR |
| SQ | SQUARE |
| "T | THICK |
| TYP | TYPICAL |
| UNO | UNLESS NOTED OTHERWISE |
| W | WASHER |
| "W | WIDE |
| WH | WATER HEATER |

NOTE: "GREY DIMENSIONS AND NOTES ARE FOR REFERENCE ONLY

## FLOOR PLAN

SCALE ¼"=1'0"

### General Notes

1. THE MEANS OF EGRESS SHALL PROVIDE A CONTINUOUS AND UNOBSTRUCTED PATH OF VERTICAL AND HORIZONTAL EGRESS TRAVEL FROM ALL PORTIONS OF THE DWELLING TO THE REQUIRED EGRESS DOOR WITHOUT REQUIRING TRAVEL THROUGH A GARAGE.
2. NOT LESS THAN ONE EGRESS DOOR SHALL BE PROVIDED FOR EACH DWELLING UNIT. THE EGRESS DOOR SHALL BE SIDE-HINGED, AND SHALL PROVIDE A CLEAR WIDTH OF NOT LESS THAN 32" WHERE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. THE CLEAR HEIGHT OF THE DOOR OPENING SHALL NOT BE LESS THAN 78" IN HEIGHT MEASURED FROM THE TOP OF THE THRESHOLD TO THE BOTTOM OF THE STOP. EGRESS DOORS SHALL BE READILY OPENABLE FROM I INSIDE THE DWELLING WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
3. THE WIDTH OF HALLWAYS SHALL BE NOT LESS THAN 3'-0" WIDE.
4. OPENINGS BETWEEN THE GARAGE AND RESIDENCE SHALL BE EQUIPPED WITH SOLID WOOD DOORS NOT LESS THAN 1-3/8" IN THICKNESS, SOLID OR HONEYCOMBED-CORE STEEL DOORS NOT LESS THAN 1-3/8" IN THICKNESS, OR 20-MINUTE FIRE-RATED DOORS, EQUIPPED WITH A SELF-CLOSING AND SELF-LATCHING DEVICE
5. COMBINATION SMOKE AND CARBON MONOXIDE ALARMS SHALL BE LOCATED IN EACH SLEEPING ROOM, OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS AND ATTICS.
6. SMOKE ALARMS SHALL BE INSTALLED NOT LESS THAN 3'-0" HORIZONTALLY FROM THE DOOR OR OPENING OF A BATHROOM THAT CONTAINS A BATHTUB OR SHOWER.
7. THE EFFECTIVE FLUSH VOLUME OF ALL WATER CLOSETS SHALL NOT EXCEED 1.28 GALLONS PER FLUSH. TANK-TYPE WATER CLOSETS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE EPA WATERSENSE SPECIFICATION FOR TANK-TYPE TOILETS

| No. | Revision/Issue | Date |
|---|---|---|
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Course Name and Project

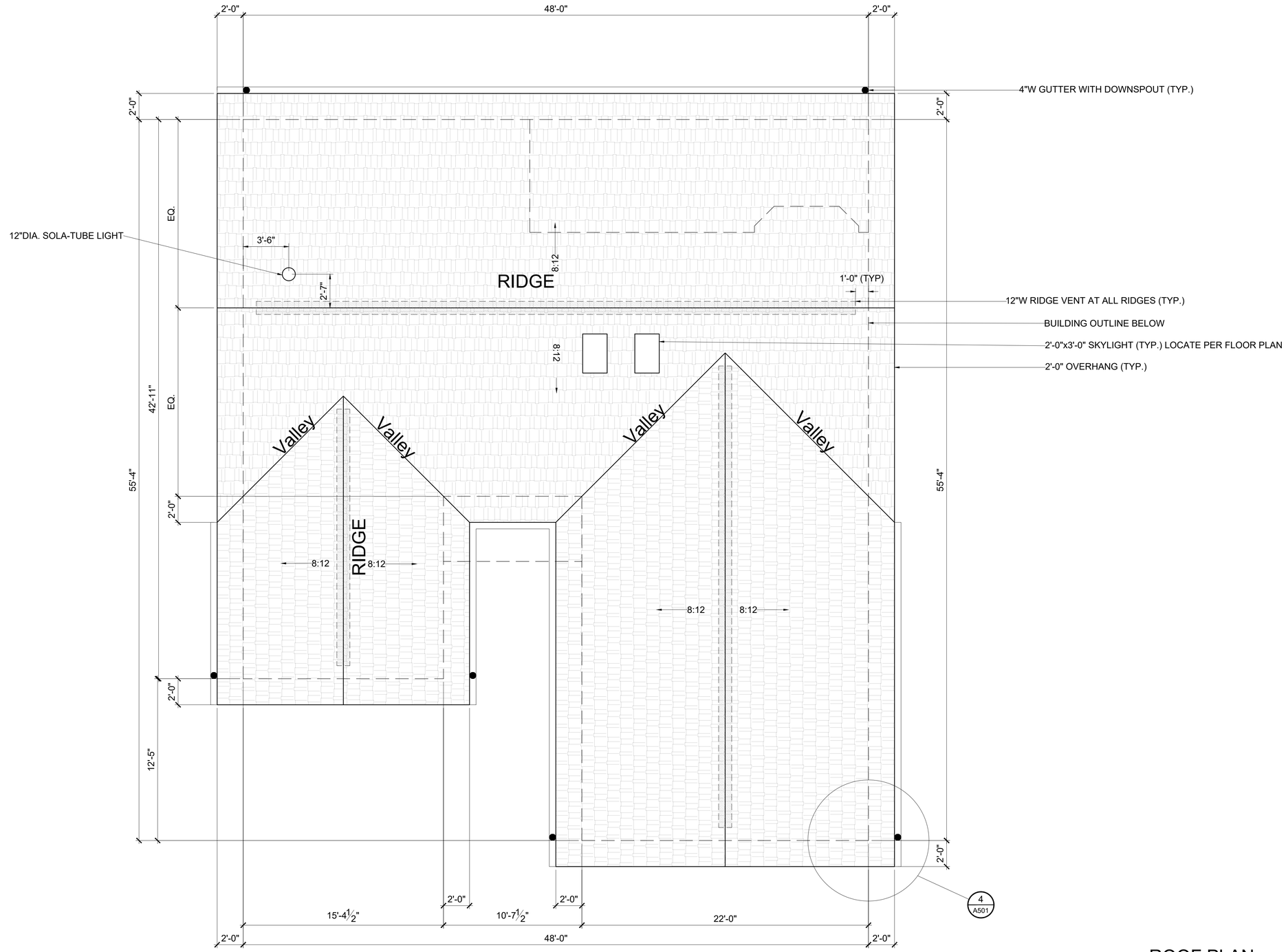
SIERRA COLLEGE
ARCHITECTURAL DRAWING 1
DES 20

COURSE PROJECT
RESIDENTIAL WOOD FRAMED
1-STORY HOUSE

Sheet Name (Assignment)

FLOOR PLAN

| | |
|---|---|
| Student: KELLY, SCOTT | Sheet: A101 |
| Date: 4-4-26 | |
| Scale: 1/4" = 1'0" | |




## ROOF PLAN

SCALE ¼"=1'0"

### General Notes

1. CLASS A, B OR C ROOFING SHALL BE LISTED AND TESTED IN ACCORDANCE WITH UL 790 OR ASTM E108.
2. FLASHINGS SHALL BE INSTALLED AT WALL AND ROOF INTERSECTIONS, WHEREVER THERE IS A CHANGE IN ROOF SLOPE OR DIRECTION AND AROUND ROOF OPENINGS. A FLASHING SHALL BE INSTALLED TO DIVERT THE WATER AWAY FROM WHERE THE EAVE OF A SLOPED ROOF INTERSECTS A VERTICAL SIDEWALL. WHERE FLASHING IS OF METAL, THE METAL SHALL BE CORROSION RESISTANT WITH A THICKNESS OF 26 GA GALVANIZED SHEET MIN.
3. ROOF GUTTERS SHALL BE PROVIDED WITH MEANS TO PREVENT THE ACCUMULATION OF LEAVES AND DEBRIS IN THE GUTTER.
4. WHERE EAVE OR CORNICE VENTS ARE INSTALLED, INSULATION SHALL NOT BLOCK THE FREE FLOW OF AIR. NOT LESS THAN 1" SPACE SHALL BE PROVIDED BETWEEN THE INSULATION AND THE ROOF SHEATHING AND AT THE LOCATION OF THE VENT.
5. BUILDINGS SHALL HAVE AN ATTIC ACCESS OPENING TO ATTIC AREAS THAT HAVE A VERTICAL HEIGHT OF 30" OR GREATER OVER AN AREA OF NOT LESS THAN THAN 30 SF.
6. ATTIC ACCESS ROUGH FRAMED OPENING SHALL NOT BE LESS THAN 22" BY 30" AND SHALL BE LOCATED IN A HALLWAY OR OTHER READILY ACCESSIBLE LOCATION. UNOBSTRUCTED HEADROOM AT THE ATTIC ACCESS SHALL BE 30" MIN.
7. EACH BATHROOM SHALL BE MECHANICALLY VENTILATED FOR PURPOSES OF HUMIDITY CONTROL IN ACCORDANCE WITH THE CALIFORNIA MECHANICAL CODE. WINDOW OPERATION IS NOT A PERMISSIBLE METHOD OF PROVIDING BATHROOM EXHAUST FOR HUMIDITY CONTROL

| No. | Revision/Issue | Date |
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| | | |

Course Name and Project

SIERRA COLLEGE
ARCHITECTURAL DRAWING 1
DES 20

COURSE PROJECT
RESIDENTIAL WOOD FRAMED
1-STORY HOUSE

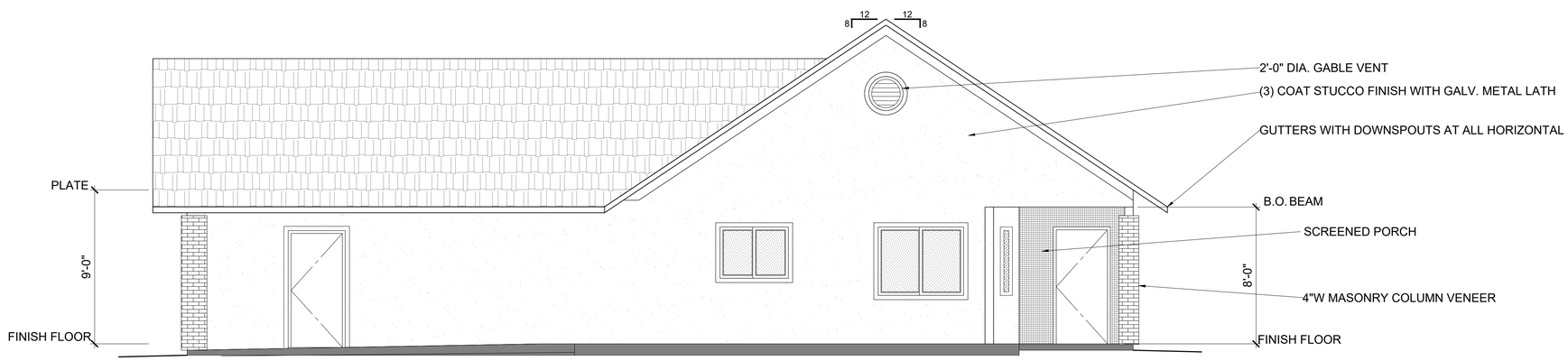
Sheet Name (Assignment)

ROOF PLAN

| Student | Sheet |
|---|---|
| KELLY, SCOTT | A201 |
| Date: 3-21-26 | |
| Scale: 1/4" = 1'0" | |


# FRONT ELEVATION

SCALE $\frac{1}{4}$"=1'0"




# SIDE ELEVATION

SCALE $\frac{1}{4}$"=1'0"

General Notes

1 ARCHITECTURAL PAINTS AND COATINGS SHALL COMPLY WITH VOC LIMITS IN TABLE 1 OF THE ARB ARCHITECTURAL SUGGESTED CONTROL MEASURE, AS SHOWN IN CRC TABLE 4504.3.
2 WINDOWS AND DOORS SHALL BE INSTALLED AND FLASHED IN ACCORDANCE WITH THE FENESTRATION MANUFACTURER'S WRITTEN INSTRUCTIONS. WRITTEN INSTALLATION INSTRUCTIONS SHALL BE PROVIDED BY THE FENESTRATION MANUFACTURER FOR EACH WINDOW OR DOOR.
3 EXTERIOR WINDOWS AND SLIDING DOORS SHALL BE TESTED BY AN APPROVED INDEPENDENT LABORATORY, AND BEAR A LABEL IDENTIFYING MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED INSPECTION AGENCY TO INDICATE COMPLIANCE WITH AAMA/WDMA/CSA 101/I.S.2/A440.
4 EXTERIOR SIDE-HINGED DOORS SHALL BE TESTED AND LABELED AS CONFORMING TO AAMA/WDMA/CSA 101/I.S.2/A440 OR AMD 100.
5 GARAGE DOORS SHALL BE TESTED IN ACCORDANCE WITH EITHER ASTM E330 OR ANSI/DASMA 108, AND SHALL MEET THE ACCEPTANCE CRITERIA OF ANSI/DASMA 108.
6 EVERY SLEEPING ROOM SHALL HAVE NOT LESS THAN ONE OPERABLE EMERGENCY ESCAPE AND RESCUE OPENING. EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL OPEN DIRECTLY INTO A PUBLIC WAY, OR TO A YARD OR COURT THAT OPENS TO A PUBLIC WAY.
7 EMERGENCY AND ESCAPE RESCUE OPENINGS SHALL HAVE A NET CLEAR OPENING OF NOT LESS THAN 5.7SF. THE NET CLEAR HEIGHT OF THE OPENING SHALL BE NOT LESS THAN 24" AND THE NET CLEAR WIDTH SHALL BE NOT LESS THAN 20".
8 WHERE A WINDOW IS PROVIDED AS THE EMERGENCY ESCAPE AND RESCUE OPENING , IT SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT GREATER THAN 44" MEASURED FROM THE FLOOR.
9 ONE LAYER OF NO. 15 ASPHALT FELT COMPLYING WITH ASTM D226 FOR TYPE 1 FELT SHALL BE APPLIED OVER STUDS OR SHEATHING OF ALL EXTERIOR WALLS.

| No. | Revision/Issue | Date |
|---|---|---|
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| | | |

Course Name and Project

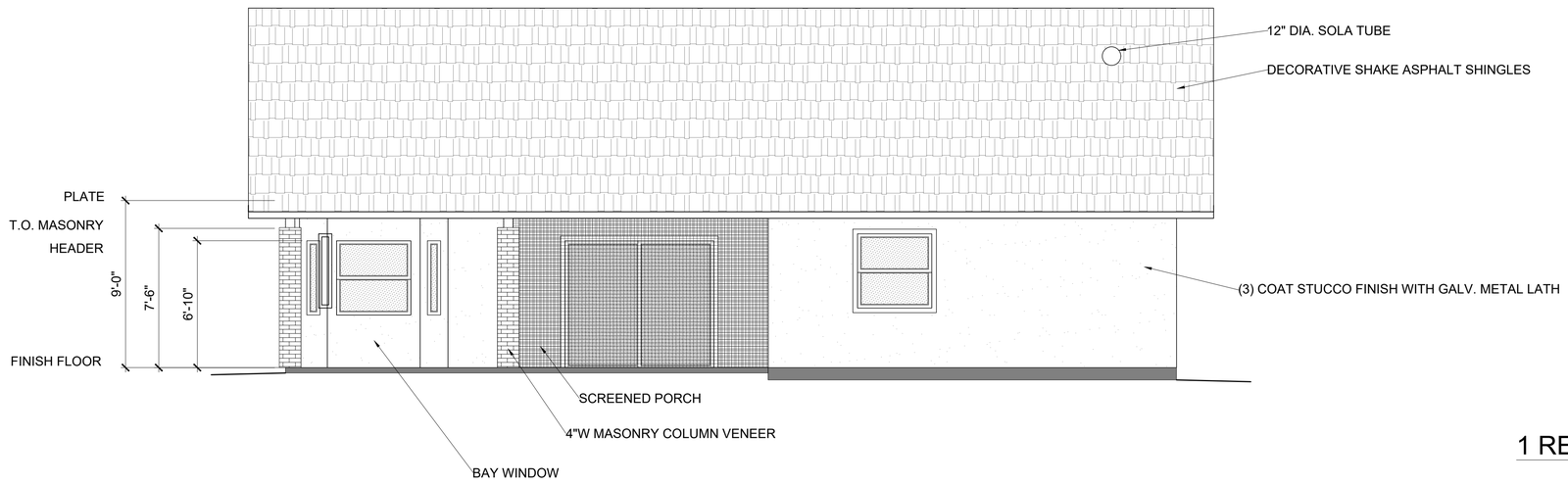
SIERRA COLLEGE
ARCHITECTURAL DRAWING 1
DES 20

COURSE PROJECT
RESIDENTIAL WOOD FRAMED
1-STORY HOUSE

Sheet Name (Assignment)

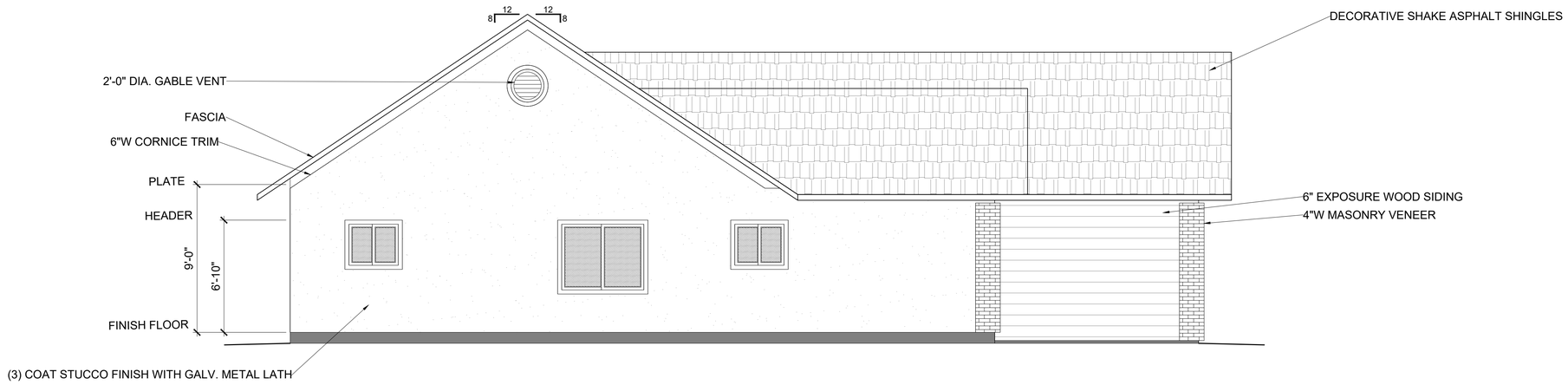
ELEVATIONS
FRONT AND SIDE
NORTH AND WEST

Student: KELLY, SCOTT
Date: 4-11-2026
Scale: 1/4" = 1'0"
Sheet: A301




1 REAR ELEVATION

SCALE $\frac{1}{4}$"=1'0"




2 SIDE ELEVATION

SCALE $\frac{1}{4}$"=1'0"

General Notes

1. ARCHITECTURAL PAINTS AND COATINGS SHALL COMPLY WITH VOC LIMITS IN TABLE 1 OF THE ARB ARCHITECTURAL SUGGESTED CONTROL MEASURE, AS SHOWN IN CRC TABLE 4504.3.
2. WINDOWS AND DOORS SHALL BE INSTALLED AND FLASHED IN ACCORDANCE WITH THE FENESTRATION MANUFACTURER'S WRITTEN INSTRUCTIONS. WRITTEN INSTALLATION INSTRUCTIONS SHALL BE PROVIDED BY THE FENESTRATION MANUFACTURER FOR EACH WINDOW OR DOOR.
3. EXTERIOR WINDOWS AND SLIDING DOORS SHALL BE TESTED BY AN APPROVED INDEPENDENT LABORATORY, AND BEAR A LABEL IDENTIFYING MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED INSPECTION AGENCY TO INDICATE COMPLIANCE WITH AAMA/WDMA/CSA 101/I.S.2/A440.
4. EXTERIOR SIDE-HINGED DOORS SHALL BE TESTED AND LABELED AS CONFORMING TO AAMA/WDMA/CSA 101/I.S.2/A440 OR AMD 100.
5. GARAGE DOORS SHALL BE TESTED IN ACCORDANCE WITH EITHER ASTM E330 OR ANSI/DASMA 108, AND SHALL MEET THE ACCEPTANCE CRITERIA OF ANSI/DASMA 108.
6. EVERY SLEEPING ROOM SHALL HAVE NOT LESS THAN ONE OPERABLE EMERGENCY ESCAPE AND RESCUE OPENING. EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL OPEN DIRECTLY INTO A PUBLIC WAY, OR TO A YARD OR COURT THAT OPENS TO A PUBLIC WAY.
7. EMERGENCY AND ESCAPE RESCUE OPENINGS SHALL HAVE A NET CLEAR OPENING OF NOT LESS THAN 5.7SF. THE NET CLEAR HEIGHT OF THE OPENING SHALL BE NOT LESS THAN 24" AND THE NET CLEAR WIDTH SHALL BE NOT LESS THAN 20".
8. WHERE A WINDOW IS PROVIDED AS THE EMERGENCY ESCAPE AND RESCUE OPENING , IT SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT GREATER THAN 44" MEASURED FROM THE FLOOR.
9. ONE LAYER OF NO. 15 ASPHALT FELT COMPLYING WITH ASTM D226 FOR TYPE 1 FELT SHALL BE APPLIED OVER STUDS OR SHEATHING OF ALL EXTERIOR WALLS.

| No. | Revision/Issue | Date |
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Course Name and Project

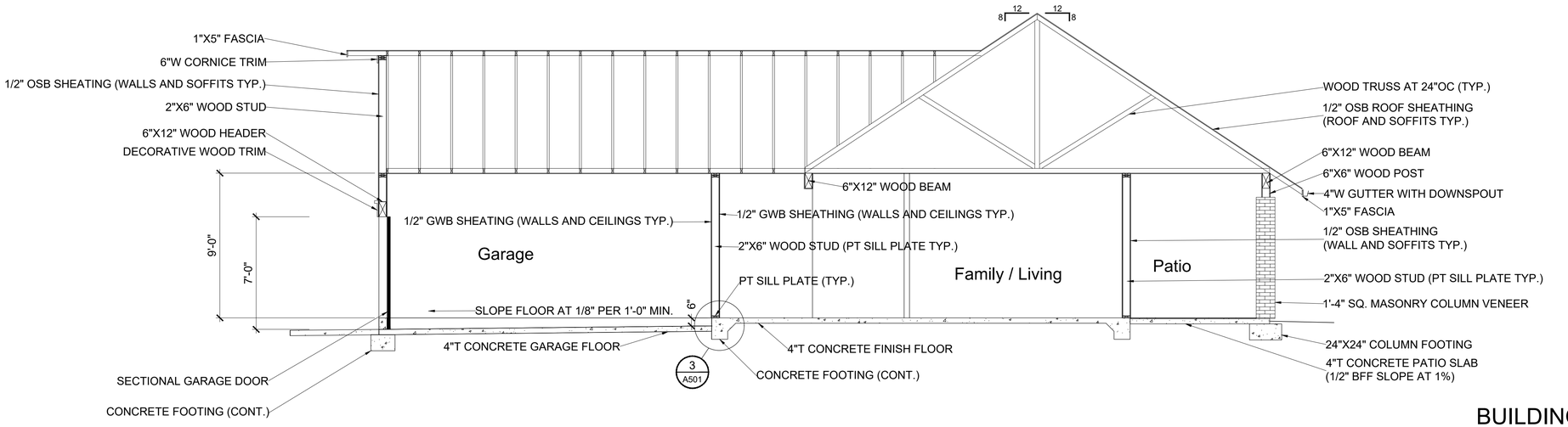
SIERRA COLLEGE
ARCHITECTURAL DRAWING 1
DES 20

COURSE PROJECT
RESIDENTIAL WOOD FRAMED
1-STORY HOUSE

Sheet Name (Assignment)

ELEVATIONS
REAR AND SIDE
SOUTH AND EAST

| Student | Sheet |
|---|---|
| KELLY, SCOTT | A302 |
| Date: 4-18-2026 | |
| Scale: 1/4" = 1'0" | |




# BUILDING SECTION

SCALE $\frac{1}{4}$"=1'0"

**General Notes**

1. A WATER HEATER SUPPORTED FROM THE GROUND SHALL REST ON LEVEL CONCRETE EXTENDING NOT LESS THAN 3" ABOVE THE ADJOINING GROUND LEVEL.
2. WATER HEATERS SHALL BE STRAPPED TO RESIST HORIZONTAL DISPLACEMENT DUE TO EARTHQUAKE MOTION.
3. THE AREA OF FLOOR USED FOR PARKING OF AUTOMOBILES SHALL BE SLOPED TO FACILITATE THE MOVEMENT OF LIQUIDS TO A DRAIN OR TOWARD THE MAIN VEHICLE ENTRY
4. HABITABLE SPACE AND HALLWAYS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 7'-0". BATHROOMS,TOILET ROOMS AND LAUNDRY ROOMS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 6'-8"

| No. | Revision/Issue | Date |
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| | | |

Course Name and Project

SIERRA COLLEGE
ARCHITECTURAL DRAWING 1
DES 20

COURSE PROJECT
RESIDENTIAL WOOD FRAMED
1-STORY HOUSE

Sheet Name (Assignment)

BUILDING SECTION

| Student | Sheet |
|---|---|
| KELLY, SCOTT | A401 |
| Date: 4-25-2026 | |
| Scale: 1/4" = 1'0" | |