

**F L O O R P L A N**  
 1/4" = 1'-0"  
 0 2' 6' 12'  
 SCALE: 1/4"=1'-0"

- GENERAL NOTES**
- DOORS BETWEEN GARAGE AND RESIDENCE SHALL BE 20 MIN. RATED, (R309.1) FIRE SEPARATION BETWEEN GARAGE AND RESIDENCE SHALL BE 5/8" TYPE 'X' 1 HR. RATED GYPSUM BD. AT GARAGE AND MIN. 1/2" GYPSUM BOARD AT RESIDENCE.
  - EMERGENCY EGRESS WINDOWS: (1) WINDOW IN EACH BEDROOM SHALL HAVE A FINISHED SILL HEIGHT NOT MORE THAN 44" ABOVE THE FLOOR WITH 20" (MIN.) NET CLEARANCE OPENING IN WIDTH OR 24" IN HEIGHT W/ THE OPENABLE SECTION NOT LESS THAN 5.7 SQ. FT. SILL HGT. MUST BE 24" OR MORE AFF. TO COMPLY WITH FALL PROTECTION. (2021 R.S.C. R312.2.1)
  - WATER HEATERS SHALL BE STRAPPED TO WALL. ELEVATE GAS APPLIANCES MIN. 18" ABOVE SLAB.
  - PROVIDE AN ATTIC ACCESS SCUTTLE TO ALL ATTIC AREAS WITH A HEIGHT GREATER THAN 30". THE MINIMUM OPENING SHALL BE 22" x 30". IF ATTIC MOUNTED APPLIANCES ARE UTILIZED, THE SIZE OF THE OPENING MUST BE SUFFICIENT FOR REMOVAL OF THE EQUIPMENT.
  - GLAZING IN LOCATIONS SUBJECT TO HUMAN IMPACT WHERE BOTTOM EDGE IS LESS THAN 18" ABOVE FLOOR OR VERTICAL EDGE IS WITHIN 24" ARC OF ANY DOOR IN A CLOSED POSITION, SHALL BE TEMPERED GLASS.
  - PROVIDE 3-FT. X 3-FT. LANDING ON EACH SIDE OF AN EGRESS DOOR, NOT MORE THAN 1/2" LOWER THAN THE TOP OF THE THRESHOLD, EXCEPT FOR LANDING AT THE EXTERIOR OF AN EXTERIOR DOOR SHALL BE NO MORE THAN 8" BELOW THE TOP OF THE THRESHOLD.
  - RAILINGS: 36" MINIMUM HEIGHT W/ A MAXIMUM OF 4" AT NEAREST POINT BETWEEN BALLUSTERS.
  - NO WOOD SIDING, SHEATHING, OR WALL FRAMING WITHIN 6" OF FINISHED GRADE.
  - ALL MOISTURE SENSITIVE WOOD FRAMING MEMBERS USED SHALL HAVE A MAXIMUM 18% MOISTURE CONTENT PER THE 2021 RESIDENTIAL SPECIALTY CODE

- ELECTRICAL SYMBOL LEGEND**
- (2) OR (4) LAMP SURFACE MOUNT FLUORESCENT FIXTURE
  - UNDER CABINET FLUORESCENT LIGHT
  - RECESSED FLUORESCENT OR LED CANISTER FIXTURE
  - RECESSED FLUOR. OR LED DIRECTIONAL CANISTER FIXTURE
  - WALL MOUNT FLUORESCENT OR LED FIXTURE
  - SURFACE MOUNT FLUORESCENT OR LED FIXTURE
  - 120V DUPLEX WALL OUTLET
  - 220V WALL OUTLET
  - EXHAUST FAN
  - HEAT LAMP & EXHAUST FAN
  - TELEPHONE RECEPTACLE
  - WALL SWITCH
  - WALL SWITCH (3-WAY)
  - T.V. CABLE
  - SMOKE DETECTOR
  - CARBON MONOXIDE DETECTOR
  - FLOOR OUTLET

- ELECTRICAL NOTES**
- KITCHEN, BATH, GARAGE, & OUTDOOR RECEPTACLES SHALL HAVE GROUND FAULT CIRCUIT PROTECTION IN ACCORDANCE W/ NEC 210.8. ALL EXTERIOR RECEPTACLES TO BE WEATHER RESISTANT RATED.
  - TAMPER RESISTANT RECEPTACLES REQUIRED AT ALL LOCATIONS.
  - 100% OF LIGHTING FIXTURES SHALL BE LED, COMPACT OR LINEAR FLUORESCENT, OR A LIGHTING SOURCE THAT HAS A MINIMUM EFFICACY OF 40 LUMENS PER INPUT WATT. SCREW IN COMPACT FLUORESCENT LAMPS COMPLY WITH THIS REQUIREMENT
  - ARC FAULT PROTECTION IS REQUIRED FOR ALL BEDROOM OUTLETS.
  - A 'SOLAR READY' INTERCONNECTION PATHWAY SHALL BE PROVIDED PER O.R.S.C. N1101.4

**PRESCRIPTIVE ENVELOPE REQUIREMENTS**

<b>INSULATION:</b> WALLS-ABOVE GRADE = 6" HD. BATT® R-21	U-0.059
WALLS-BELOW GRADE = 6" HD. BATT® R-21	C-0.063
CEILING FLAT + BLOW-IN R-49	U-0.021
CEILING VAULTED + 10" BATT® R-38	U-0.053
UNDER FLOORS + 10" BATT® R-38	U-0.053
SLAB EDGE/PERIMETER + 3" RIGID R-15	F-0.520
HEATED SLAB/INTERIOR + 2" RIGID R-10	N/A
<b>WINDOWS:</b> VINYL - CLEAR / LOW 'E' / ARGON	U-0.27
<b>SKYLIGHTS:</b> METAL - CLEAR / LOW 'E' / ARGON	U-0.50
<b>DOORS:</b> MAIN ENTRY + WOOD / GLASS (28 s.f. MAX)	U-0.54
OTHER DR® = METAL / INSUL.	U-0.20
DOORS W/ GREATER THAN 25 s.f. OF GLAZING	U-0.40
<b>HVAC:</b> DUCT INSULATION R-8	N/A

**ADDITIONAL ENERGY MEASURES PER TABLE N1101.1(2) ENVELOPE ENHANCEMENT MEASURE:**

- HIGH EFFICIENCY HVAC SYSTEM = GAS-FIRED FURNACE WITH MINIMUM AFUE OF 94%.

SEALING OF THE ENTIRE BUILDING ENVELOPE SHALL INCLUDE ALL METHODS FOR ALL COMPONENTS LISTED ON TABLE N1104.8 OF THE O.R.S.C. OR THE DWELLING SHALL BE TESTED TO DEMONSTRATE A BLOWER DOOR RESULT NOT GREATER THAN 4.0 ACH50.

ALL NEW DUCT SYSTEMS AND AIR HANDLING EQUIPMENT AND APPLIANCES SHALL BE LOCATED FULLY WITHIN THE BUILDING THERMAL ENVELOPE. (O.R.S.C. N1105.3)

**EXCEPTIONS:**

- VENTILATION INTAKE & EXHAUST DUCTWORK.
- UP TO 5% OF THE LENGTH OF AN HVAC SYSTEM DUCTWORK CAN BE LOCATED OUTSIDE OF THE THERMAL ENVELOPE.
- DUCTS DEEPLY BURIED IN INSULATION IN ACCORDANCE WITH THE FOLLOWING:
  - INSULATION SHALL BE INSTALLED TO FILL THE GAPS AND VOIDS BETWEEN THE DUCT AND CEILING, AND A MINIMUM OF R-19 INSULATION SHALL BE INSTALLED ABOVE THE DUCT BETWEEN THE DUCT AND THE UNCONDITIONED ATTIC.
  - INSTALLATION DEPTH MARKER FLAGS SHALL BE INSTALLED ON THE DUCTS EVERY 10 FEET.

**MECHANICAL VENTILATION**

THE WHOLE-HOUSE MECHANICAL VENTILATION SYSTEM SHALL PROVIDE BALANCED VENTILATION. LOCAL EXHAUST OR SUPPLY FANS ARE PERMITTED TO SERVE AS PART OF SUCH A SYSTEM. OUTDOOR AIR VENTILATION PROVIDED BY A SUPPLY FAN DUCTED TO THE RETURN SIDE OF AN AIR HANDLER SHALL BE CONSIDERED AS PROVIDING SUPPLY VENTILATION FOR THE BALANCED SYSTEM.

THE MINIMUM VENTILATION IN CUBIC FEET PER MINUTE =

0.01 x 1,125 s.f. + 1.5 x 3 = 40 cfm

**ROOF BEAM TABLE**

MARK	SIZE	REMARKS
RB1	3 1/2" x 11 7/8" VL.	GARAGE DOOR HDR
RB2	5 1/4" x 9 1/4" VL.	TOP @ 9'-1" PL.
RB3	5 1/4" x 11 7/8" VL.	TOP @ 9'-1" PL.

**BUILDING SQ. FT.**

RESIDENCE :	1,725 SF.
GARAGE :	476 SF.
DECK & COVERED AREAS :	254 SF.
TOTAL LOT COVERAGE :	2,455 SF.

REVISIONS	BY

**CASCADE DESIGN STUDIO**  
 JEFF MAYFIELD DESIGNER

815-B ALDER CREEK DRIVE  
 MEDFORD, OREGON 97504  
 (541) 772-1411

PROJECT FOR:  
**PROPOSED RESIDENCE FOR: GARY RAY HOMES**

PROJECT ADDRESS:  
 3722 DURST STREET  
 MEDFORD, OREGON

SHEET TITLE  
**FLOOR PLAN**

1725L

DRAWN: JM	SHEET NO. <b>A-1</b>
JOB NUMBER: CDS-2145	DATE: 11/21/23
OF 6 SHEETS	

REVISIONS	BY

# CASCADE DESIGN STUDIO

JEFF MAYFIELD DESIGNER

815-B ALDER CREEK DRIVE  
MEDFORD, OREGON 97504  
(541) 772-1411

PROJECT FOR:  
PROPOSED  
RESIDENCE  
FOR:  
GARY RAY  
HOMES

PROJECT ADDRESS:  
3722 DURST STREET  
MEDFORD, OREGON

SHEET TITLE  
SITE PLAN

1725AL

DRAWN: JM SHEET NO.

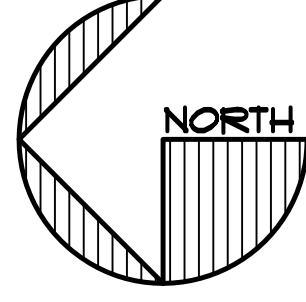
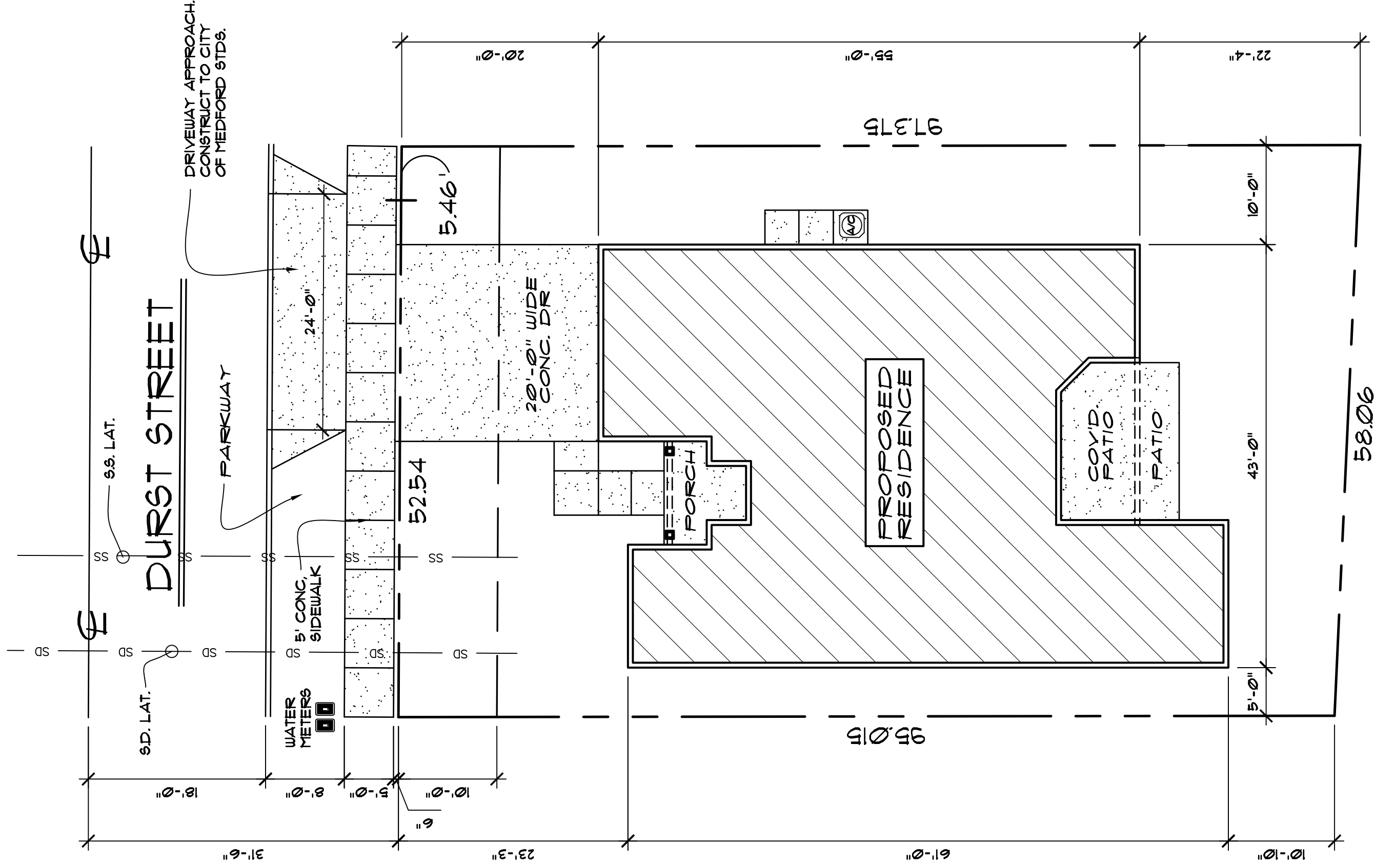
JOB NUMBER: CDS-2145

DATE: 11/21/23

SD-1

OF 1

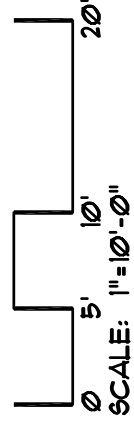
SHEETS



## SITE PLAN

1" = 10'-0"

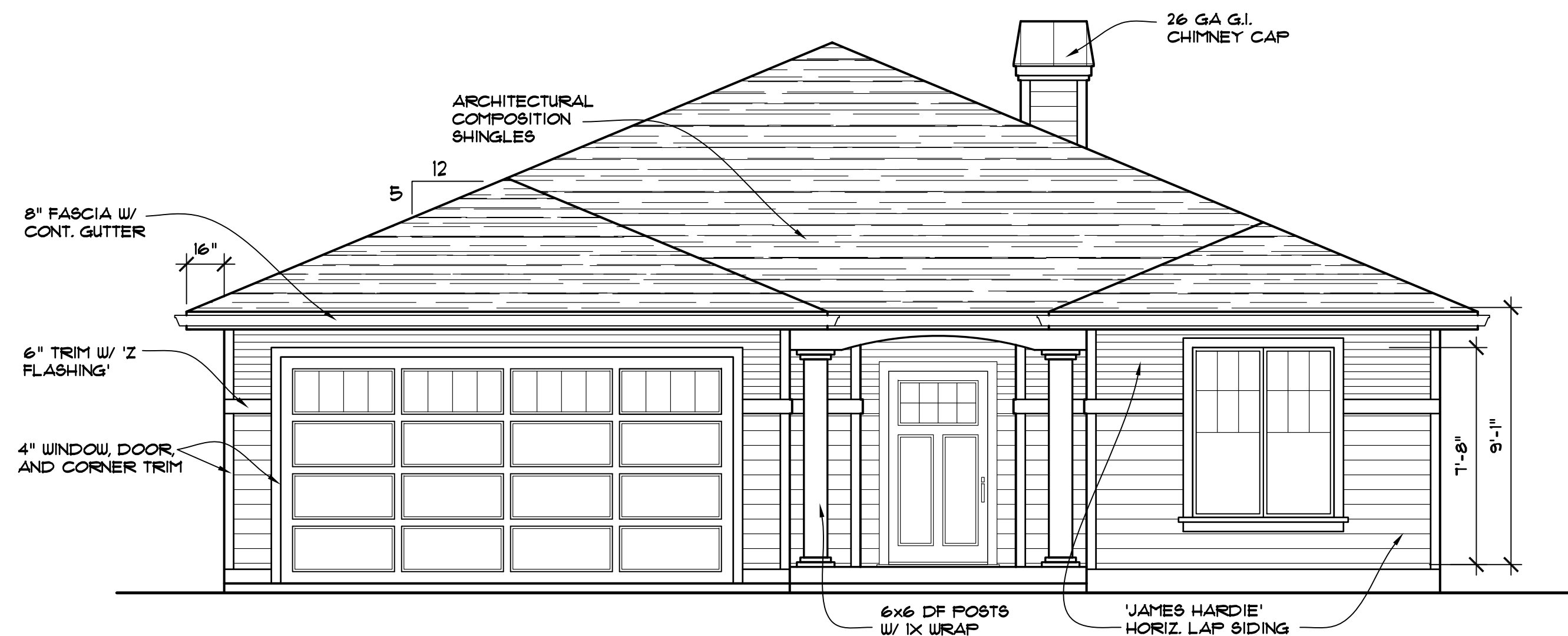
LOT 26 PHASE 1  
AUTUMN HILLS SUBDIVISION  
MEDFORD, OREGON



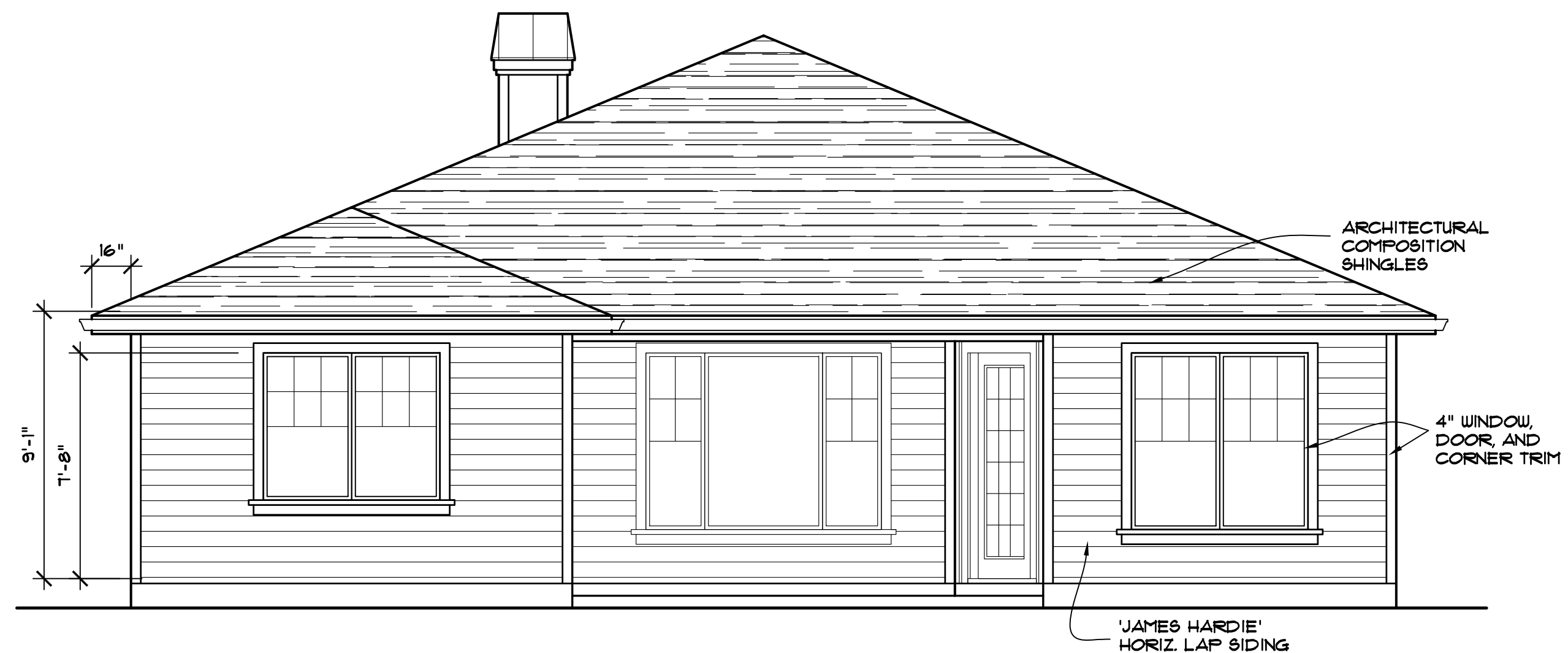
### BUILDING SQ. FT.

RESIDENCE :	1,725 SF.
GARAGE COVERED AREAS :	476 SF.
TOTAL LOT COVERAGE :	2,455 SF. 44 %
TOTAL LOT AREA :	5,582 SF.

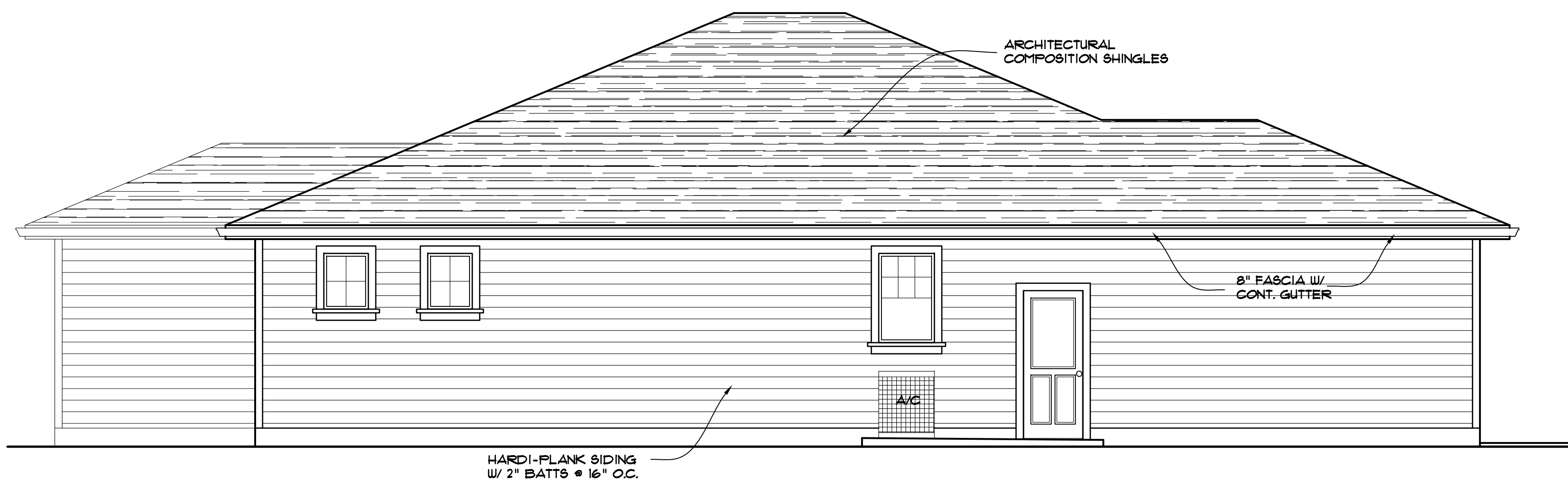
REVISIONS	BY



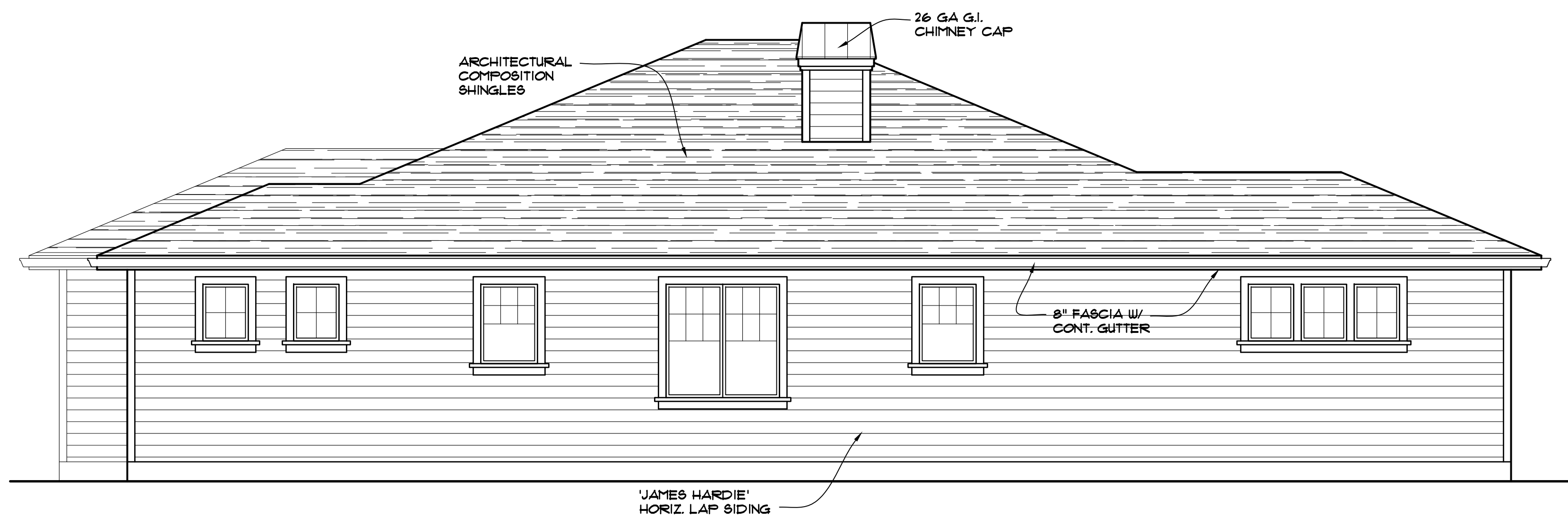
**FRONT ELEVATION**  
1/4" = 1'-0"



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



**LEFT SIDE ELEVATION**  
1/4" = 1'-0"



**RIGHT SIDE ELEVATION**  
1/4" = 1'-0"

**CASCADE DESIGN STUDIO**  
JEFF MAYFIELD DESIGNER  
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PROJECT FOR:  
PROPOSED RESIDENCE FOR:  
GARY RAY HOMES

PROJECT ADDRESS:  
3722 DURST STREET  
MEDFORD, OREGON

SHEET TITLE  
EXTERIOR ELEVATIONS

1725L

DRAWN: JM	SHEET NO.
JOB NUMBER: CDS-2145	<b>A-4</b>
DATE: 11/21/23	OF 6 SHEETS