

SILLPLATE PLAN CO.
THE SAWMILL · SP-1800

3 BED / 2 BATH MODERN FARMHOUSE · 1,800 SF

SAMPLE — NOT FOR CONSTRUCTION

Prepared by a person who is not a licensed architect or professional engineer.

CODE: 2024 IRC - VERIFY LOCAL ADOPTION + AMENDMENTS; ENERGY PER THE LOCALLY ADOPTED CODE.
DRAWINGS ARE A STOCK PLAN SET; THE SITE PLAN IS BY OTHERS FOR EACH LOT.



FRONT ELEVATION (A-2)

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GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS BEFORE STARTING WORK AND REPORT ANY DISCREPANCY BEFORE PROCEEDING. DO NOT SCALE THE DRAWINGS.
- DIMENSIONS ARE TO THE OUTSIDE FACE OF SHEATHING / CONCRETE AND TO STUD CENTERLINES INSIDE UNLESS NOTED.
- ALL WORK SHALL COMPLY WITH THE CODES ABOVE AND MANUFACTURERS' INSTALLATION INSTRUCTIONS, WHERE THEY DIFFER, THE MORE STRINGENT GOVERNS.
- LUMBER: #2 SPF / HEM-FIR / DF-L / SYP OR BETTER, P.T. WHERE IN CONTACT WITH CONCRETE OR < 6" FROM GRADE (R304); HOT DIP GALV. OR STAINLESS FASTENERS IN P.T.
- TRUSSES: SEALED TRUSS DESIGN DRAWINGS + PLACEMENT PLAN ON SITE BEFORE THE FRAMING INSPECTION (R402.10); DO NOT CUT, NOTCH OR DRILL TRUSSES.
- SMOKE + CO ALARMS: HARD-WIRED, INTERCONNECTED, BATTERY BACKUP (R310 / R311); EGRESS WINDOWS AT EVERY BEDROOM (R310).
- GARAGE SEPARATION: 1/2" GYP. ON THE GARAGE SIDE + GARAGE CEILING, SELF-CLOSING 20-MIN. / 1.5-HR. DOOR (R302.7).
- SITE / PLOT PLAN, GRADING, UTILITIES, DRIVEWAY AND SETBACKS BY OTHERS (PER LOT); ITEMS MARKED "VERIFY" REQUIRE CONFIRMATION BY THE SUPPLIER, BUILDING OFFICIAL OR FIELD MEASUREMENT.

DESIGNER STATEMENT

PREPARED BY A PERSON NOT LICENSED AS AN ARCHITECT OR PROFESSIONAL ENGINEER, SEAL BY OTHERS WHERE LOCALLY REQUIRED.
ENGINEERED PRODUCTS (TRUSSES, STEEL, LVL) ARE DESIGNED BY THEIR SUPPLIER / ENGINEER.

DESIGN BASIS EXCLUSIONS

- THIS PLAN IS NOT DESIGNED FOR AND REQUIRES LOCAL ENGINEERING WHERE:
 - GROUND SNOW > 30 PSF.
 - WIND > 115 MPH EXPOSURE C, D, OR HURRICANE-PRONE / WINDBORNE-DEBRIS REGIONS.
 - SEISMIC DESIGN CATEGORY DO-E.
 - EXPANDED SOIL APPLICABLE FOR UNKNOWN SOILS.
 - FLOOD HAZARD AREAS.
 - OR WHEREVER THE LOCAL JURISDICTION REQUIRES A DESIGN PROFESSIONAL'S SEAL.
- BUILDER AND OWNER ARE RESPONSIBLE FOR VERIFYING ALL CRITERIA FOR THE ACTUAL SITE BEFORE CONSTRUCTION.

ABBREVIATIONS

ABBR.	MEANING	ABBR.	MEANING
A.F.F.	ABOVE FINISHED FLOOR	AFCI	ARC-FAULT CIRCUIT INTERRUPTER
B.O.	BOTTOM OF	BRG.	BEARING
BSMT.	BASEMENT	C.I.	CONTINUOUS INSULATION
CLG.	CEILING	CS-PF	CONT. SHEATHED PORTAL FRAME
CS-WSP	CONT. SHEATHED WOOD STRUCT. PANEL	DS	DOWNSPOUT
EQ.	EQUAL	F.F.	FINISHED FLOOR
FTD.	FOOTING	GB	GYP. BOARD BRACING
GFCI	GROUND-FAULT CIRCUIT INTERRUPTER	LVL	LAMINATED VENEER LUMBER
LVP	LUXURY VINYL PLANK	O.C.	ON CENTER
OBS.	OBSCURE GLASS	P.T.	PRESSURE-TREATED
SB	SQUASH BLOCK	SGD	SLIDING GLASS DOOR
T.O.	TOP OF	TEMP.	TEMPERED
U.N.O.	UNLESS NOTED OTHERWISE	VERIFY	CONFIRM IN FIELD / WITH SUPPLIER
WP	WEATHERPROOF		

PROJECT DATA

ITEM	DESCRIPTION
OCCUPANCY / USE	R-3 / IRC DETACHED ONE-FAMILY DWELLING
CONSTRUCTION TYPE	V-B (WOOD FRAME, UNPROTECTED)
STORIES	1 STORY OVER A FULL UNFINISHED BASEMENT; ATTACHED 2-CAR SIDE-LOAD GARAGE
BEDROOMS / BATHS	3 BED / 2 BATH (BSMT. ROUGH-IN FOR OPT. BED 4 + BATH 3)
OVERALL SIZE	60'-0" W X 54'-0" D (HOUSE 60' X 30', GARAGE 22' X 24')
CEILINGS	9'-0" (PLATE 9'-1 1/8"); GREAT ROOM VAULTED 9'-0" TO 13'-0"; GARAGE 10'-0"
HEIGHT	RIDGE 22'-4 3/16" ABOVE MAIN F.F. (+/- 24" ABOVE GRADE)
STRUCTURE	2X4 WALLS, MFR. TRUSSES, 2X10 FLOOR ON A W8X10 STEEL BEAM + ADJ. STEEL COLUMNS, 8" POURED BSMT.
FIRE SPRINKLERS	FIRE SPRINKLERS PER LOCALLY ADOPTED IRC R309 / STATE LAW — VERIFY

AREA SUMMARY

AREA	SQ. FT.
MAIN FLOOR - FINISHED LIVING	1,800 SF
BASEMENT - UNFINISHED	1,800 SF
OPT. FUTURE FINISH (DASHED, A-1)	1,110 SF
2-CAR SIDE-LOAD GARAGE	528 SF
COVERED FRONT PORCH	304 SF
COVERED REAR PATIO	140 SF
TOTAL UNDER ROOF	2,772 SF

APPLICABLE CODES

- 2024 INTERNATIONAL RESIDENTIAL CODE (IRC) - VERIFY LOCAL ADOPTION + AMENDMENTS FOR THE SITE'S JURISDICTION.
- ENERGY: THE ENERGY CODE ADOPTED FOR THE SITE'S CLIMATE ZONE - SEE "ENERGY DESIGN BASIS" (ASSEMBLIES SHOWN, VERIFY).
- MECHANICAL (M.E.C.) AS REFERENCED BY IRC PART VIII, IRC PLUMBING / MECHANICAL / FUEL GAS CHAPTERS.
- CODE SECTIONS ON THESE SHEETS ARE 2024 IRC UNLESS NOTED. LOCAL AMENDMENTS GOVERN WHERE THEY DIFFER.

DEFERRED SUBMITTALS / BY OTHERS

- TRUSS DESIGN DRAWINGS + LAYOUT (MFR.), INCL. ST. SCISSOR / VE / VALLEY SET + UPLIFT REACTIONS.
- STEEL BEAM B1 + ADJUSTABLE STEEL COLUMNS, LVL BEAMS P81 / P82 AND LVL HEADER H4 - SUPPLIER SIZING / ENGINEER, VERIFY.
- HVAC MANUAL J / S / D LOADS + DUCT LAYOUT, ENERGY CERTIFICATE (ECC R401.3).
- WINDOW + DOOR PRODUCT DATA (U-FACTOR, EGRESS NET OPENING, SAFETY GLAZING LABELS).

DESIGN CRITERIA - NATIONAL PLAN DESIGN BASIS (IRC TABLE R301.2)

ITEM	PLAN DESIGN BASIS	YOUR SITE (BY BUILDER)
GROUND SNOW LOAD	30 PSF	
WIND SPEED (VULT) / EXPOSURE	115 MPH ULTIMATE, EXPOSURE B	
SEISMIC DESIGN CATEGORY	SDC A, B OR C (DETACHED 1- + 2-FAMILY IN SDC C EXEMPT, R301.2.2)	
WEATHERING	SEVERE (CONCRETE PER R402.2)	
FROST LINE DEPTH	30" SHOWN - FOOTING BOTTOM TO LOCAL FROST DEPTH, 12" MIN.	
TERMITE	PER LOCAL	
DECAY	PER LOCAL	
WINTER DESIGN TEMP.	PER LOCAL	
ICE BARRIER UNDERLAYMENT REQ'D	PER LOCAL	
FLOOD HAZARDS	PER LOCAL - NOT DESIGNED FOR FLOOD AREAS	
SOIL BEARING	1,500 PSF PRESUMED (R401.4.1) - VERIFY	
CLIMATE ZONE (ENERGY)	PER LOCAL - SEE ENERGY DESIGN BASIS	

DESIGN LOADS (IRC PRESCRIPTIVE)

ITEM	VALUE
FLOOR LIVE / DEAD	40 / 15 PSF (INCL. PARTITIONS)
ROOF SNOW / LIVE / DEAD	ROOF SNOW PF = 25 PSF (0.7 X CT 1.1 X PG 30 + 23.1, ROUNDED UP); ROOF LIVE 20 PSF (DOWNHILL ROOF LL 25); DEAD 15 PSF + 5 PSF CLG.
GUARDS + HANDRAILS	200 LB CONCENTRATED (TABLE R301.5)
FLOOR LIVE (R301.5)	40 PSF LIVING, 30 PSF SLEEPING, 40 PSF DECKS
DEFLECTION	FLOORS / BEAMS LONG LIVE; ROOF TRUSSES L240 TL PORCH / PATIO MFR. TRUS L180 (2-3)
WALL BRACING	R602.10 CS-WSP + CS-PF, EXTERIOR WALLS ONLY; NO INTERIOR OSB
ENGINEERED ITEMS	TRUSSES (MFR.), W8X10 STEEL + ADJ. COLUMNS, LVL BEAMS P81 / P82 + LVL HEADER H4 - BY SUPPLIER / ENGINEER, VERIFY

ENERGY DESIGN BASIS - ASSEMBLIES SHOWN (A-5)

COMPONENT	ASSEMBLY SHOWN / BASELINE, VERIFY PER LOCAL ENERGY CODE
CEILING	R-49 BLOWN IN, MAKE EVERY DAY'S TRUSS HEEL (A-5)
WOOD-FRAME WALL	2X4 @ 16" R-13 BATT + R-5 GYPSUM 1/2" RIGID, TAPED
RIM JOIST	R-20 BATT AT THE RAFTER-SEALED (A-5)
BASEMENT WALL	R-19 GYPSUM 1/2" RIGID ON THE INSIDE FACE, FULL HEIGHT
FLOOR OVER BSMT.	NONE (BSMT. INSIDE THE ENVELOPE)
SLAB EDGE	NONE (BSMT. SLAB + 12" BELOW GRADE)
WINDOWS / DOORS	U-0.30 MAX.
AIR LEAKAGE	<= 5.0 ACH50, BLOWER-DOOR TEST
LIGHTING	100% HIGH-EFFICACY (LED)

VERIFY AGAINST THE ENERGY CODE ADOPTED FOR THE SITE'S CLIMATE ZONE (PRESCRIPTIVE TABLE, OR RESCHECK / UA / ERI PERFORMANCE PATH); CLIMATE ZONE 5 AND COLDER TYPICALLY REQUIRE 2X6 WALLS AND/OR ADDED CONTINUOUS INSULATION AND DEEPER CEILING INSULATION. CLIMATE ZONE: ____ (BY BUILDER).

2X6 EXTERIOR WALL OPTION: 2X6 @ 24" O.C. R-20 + C.I. PER LOCAL ENERGY CODE; WALL THICKNESS INCREASES 2" TO THE INSIDE; VERIFY HEADERS / FRAMING.

SILLPLATE
PLAN CO.

SAMPLE —
NOT FOR CONSTRUCTION

PLAN

THE SAWMILL

SP-1800

3 BED / 2 BATH MODERN FARMHOUSE · 1,800 SF

DESIGNER STATEMENT

Prepared by a person who is not a
licensed architect or professional
engineer.

Preview image of a sample sheet. Not to scale.
Licensed sets carry the buyer's name and license
ID on every sheet.

SCALE

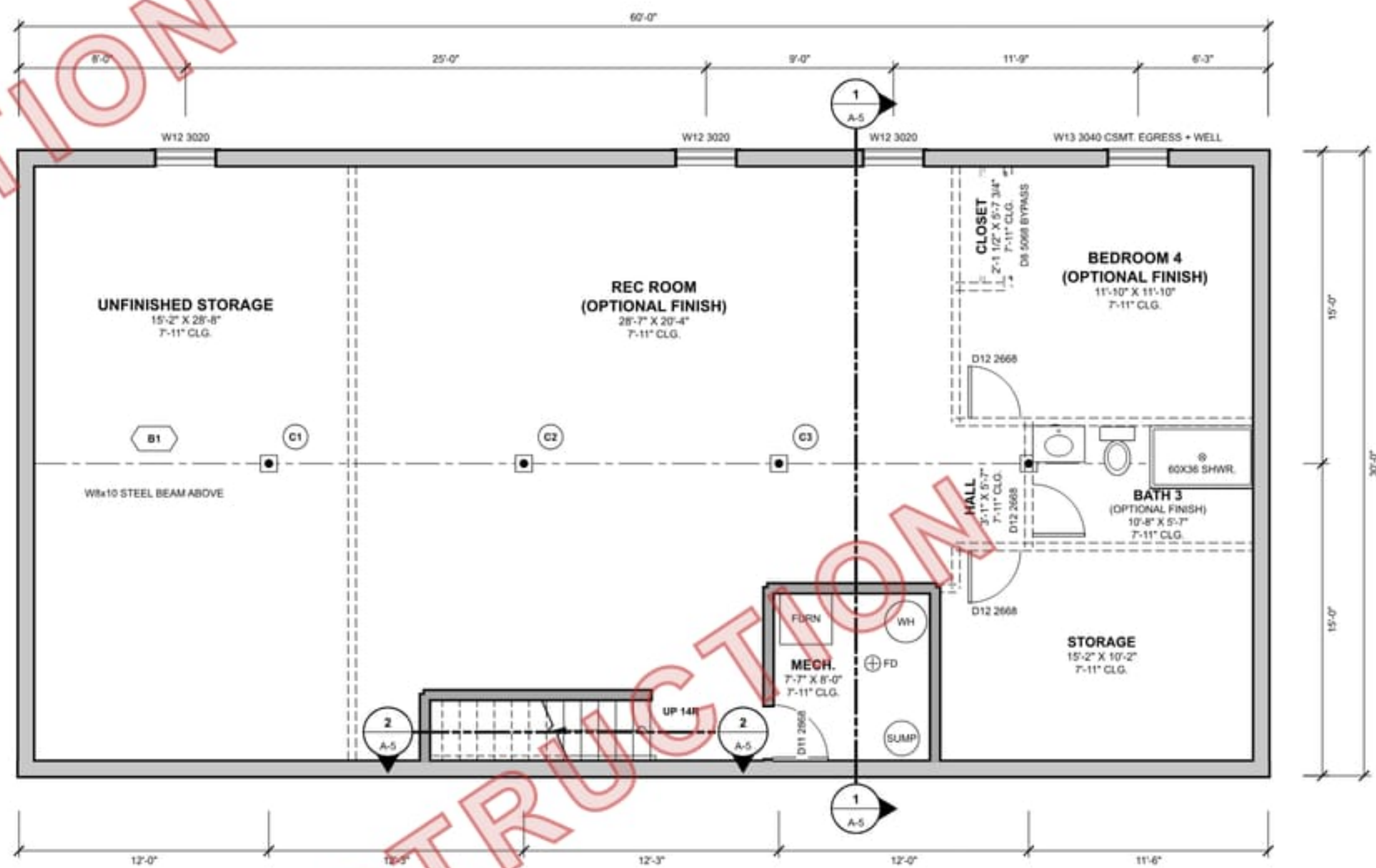
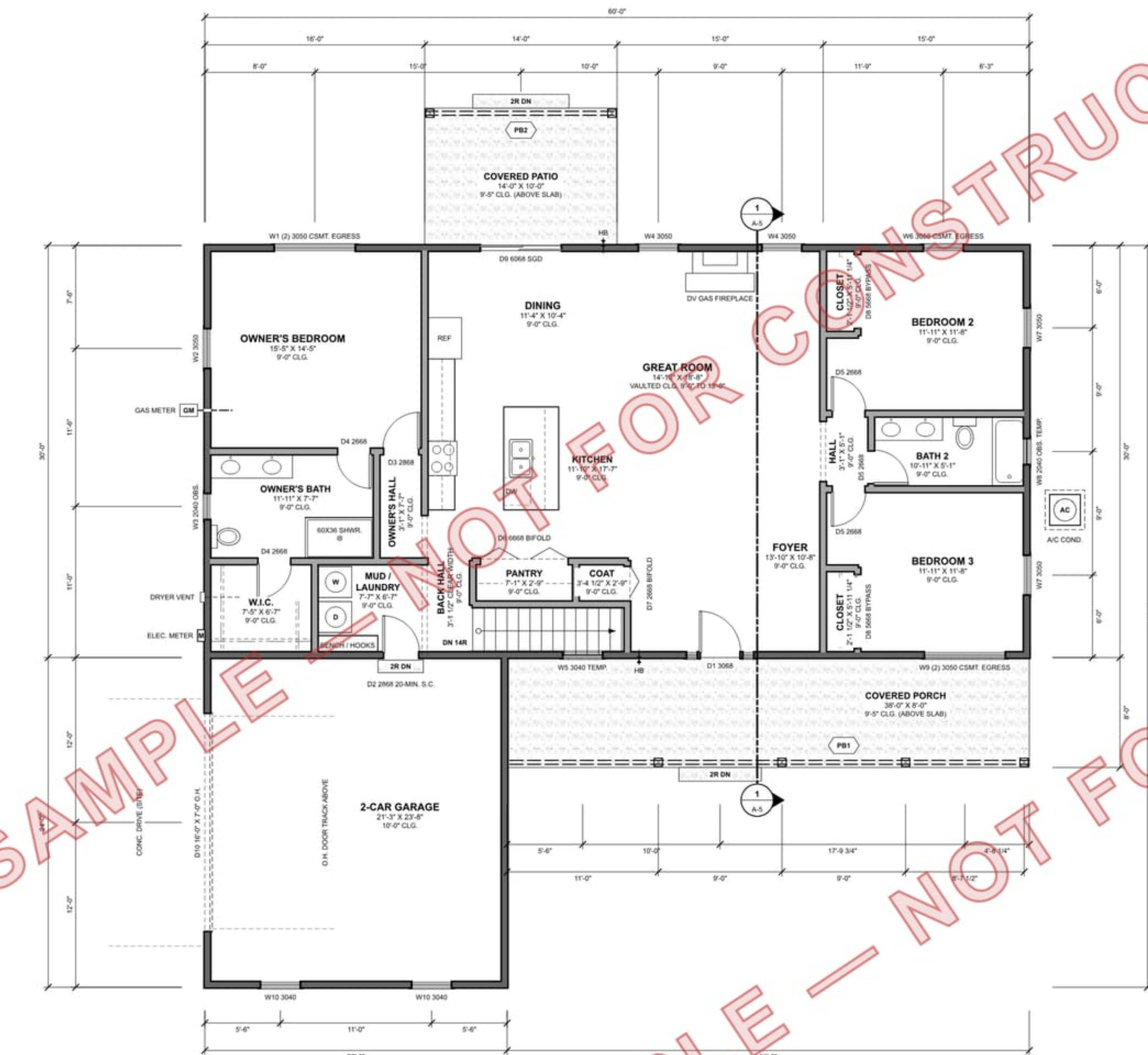
NOT TO SCALE (PREVIEW)

SHEET TITLE

COVER SHEET

SHEET

T-1



AREA SUMMARY	
AREA	SQ. FT.
MAIN FLOOR - FINISHED LIVING	1,800
BASEMENT - UNFINISHED (BELOW MAIN)	1,800
OPTIONAL FUTURE FINISH (DASHED)	1,110
2-CAR SIDE-LOAD GARAGE	528
COVERED FRONT PORCH (38' X 8')	304
COVERED REAR PATIO (14' X 10')	140
TOTAL UNDER ROOF (MAIN + GAR. + PORCHES)	2,772

- LEGEND**
- EXTERIOR / GARAGE WALL (2X4)
 - INTERIOR WALL (2X4)
 - 8" POURED CONC. FOUNDATION WALL
 - OPTIONAL FINISH WALL (FUTURE)
 - BEAM ABOVE (PORCH / PATIO)
 - STEEL BEAM ABOVE (BASEMENT)
 - ADJ. STEEL COLUMN
 - ELEC. METER BASE (M) / GAS METER (GM)
 - A/C CONDENSER ON PAD
 - FLOOR DRAIN / HOSE BIB (FROST-FREE)
 - DRYER VENT - EXTERIOR TERMINATION
 - 8X6 CEDAR POST (PORCH / PATIO)
 - SECTION CUT BREAK (NUMBER OVER SHEET, TRIANGLE = LOOKING)

- GENERAL NOTES**
- DIMENSIONS ARE TO THE OUTSIDE FACE OF EXTERIOR SHEATHING (FOUNDATION FACE ON THE BASEMENT) AND TO WALL CENTERLINES ABOVE. OPENINGS TO THEIR CENTERLINES. ROOM SIZES ARE CLEAR INSIDE.
 - WALLS: 2X4 @ 16" O.C., EXTERIOR 2X4 @ 16" O.C. + 7/16" OSB (A-5), BASEMENT: 8" POURED CONC.
 - MAIN FLOOR PLATE 9'-1 1/8" (9'-0" CLG.), GREAT ROOM VAULTED 9'-0" TO 13'-0" ON ST. SCISSOR TRUSSES, FOYER FLAT 9'-0" (A-5).
 - GARAGE SLAB 1'-0" BELOW F.F. (2) 6" RISERS AT D2, NO LANDING REQ'D - DOOR SWINGS IN, R318.3.2 EXC.; 20-MIN. SMOKE CLOSING DOOR, 1/2" OVLG. ON THE GARAGE SIDE (R302.5 / R302.6).
 - BEDROOM EGRESS (R319): W1, W6, W9 + OPT. W13 ARE CASEMENTS - 5.7 SF NET, 20" W / 24" H MIN., SILL 44" MAX. SAFETY GLASS PER REQ'D (A-7).
 - STAIR: 14 RISERS @ 7'-10", 13 TREADS @ 10", 36" MIN. CLEAR, 6'-4" HEADROOM, HANDRAIL 34"-38" (R318.3.1), SEE 2-A-5.
 - BASEMENT IS UNFINISHED AS DRAWN. DASHED WALLS = "OPTIONAL FINISH" ROOMS ARE A FUTURE OPTION (E.G. BATH, WELL, BATH ROOM, SEPARATE PERMIT).
 - GAS FIREPLACE IS DIRECT-VENT THROUGH THE REAR WALL (NO CHIMNEY), PORCH / PATIO BEAMS 8X6 (P13) + 8X6 (P14) + 8X6 (P15) + 8X6 (P16) + 8X6 (P17) + 8X6 (P18) + 8X6 (P19) + 8X6 (P20) + 8X6 (P21) + 8X6 (P22) + 8X6 (P23) + 8X6 (P24) + 8X6 (P25) + 8X6 (P26) + 8X6 (P27) + 8X6 (P28) + 8X6 (P29) + 8X6 (P30) + 8X6 (P31) + 8X6 (P32) + 8X6 (P33) + 8X6 (P34) + 8X6 (P35) + 8X6 (P36) + 8X6 (P37) + 8X6 (P38) + 8X6 (P39) + 8X6 (P40) + 8X6 (P41) + 8X6 (P42) + 8X6 (P43) + 8X6 (P44) + 8X6 (P45) + 8X6 (P46) + 8X6 (P47) + 8X6 (P48) + 8X6 (P49) + 8X6 (P50) + 8X6 (P51) + 8X6 (P52) + 8X6 (P53) + 8X6 (P54) + 8X6 (P55) + 8X6 (P56) + 8X6 (P57) + 8X6 (P58) + 8X6 (P59) + 8X6 (P60) + 8X6 (P61) + 8X6 (P62) + 8X6 (P63) + 8X6 (P64) + 8X6 (P65) + 8X6 (P66) + 8X6 (P67) + 8X6 (P68) + 8X6 (P69) + 8X6 (P70) + 8X6 (P71) + 8X6 (P72) + 8X6 (P73) + 8X6 (P74) + 8X6 (P75) + 8X6 (P76) + 8X6 (P77) + 8X6 (P78) + 8X6 (P79) + 8X6 (P80) + 8X6 (P81) + 8X6 (P82) + 8X6 (P83) + 8X6 (P84) + 8X6 (P85) + 8X6 (P86) + 8X6 (P87) + 8X6 (P88) + 8X6 (P89) + 8X6 (P90) + 8X6 (P91) + 8X6 (P92) + 8X6 (P93) + 8X6 (P94) + 8X6 (P95) + 8X6 (P96) + 8X6 (P97) + 8X6 (P98) + 8X6 (P99) + 8X6 (P100) + 8X6 (P101) + 8X6 (P102) + 8X6 (P103) + 8X6 (P104) + 8X6 (P105) + 8X6 (P106) + 8X6 (P107) + 8X6 (P108) + 8X6 (P109) + 8X6 (P110) + 8X6 (P111) + 8X6 (P112) + 8X6 (P113) + 8X6 (P114) + 8X6 (P115) + 8X6 (P116) + 8X6 (P117) + 8X6 (P118) + 8X6 (P119) + 8X6 (P120) + 8X6 (P121) + 8X6 (P122) + 8X6 (P123) + 8X6 (P124) + 8X6 (P125) + 8X6 (P126) + 8X6 (P127) + 8X6 (P128) + 8X6 (P129) + 8X6 (P130) + 8X6 (P131) + 8X6 (P132) + 8X6 (P133) + 8X6 (P134) + 8X6 (P135) + 8X6 (P136) + 8X6 (P137) + 8X6 (P138) + 8X6 (P139) + 8X6 (P140) + 8X6 (P141) + 8X6 (P142) + 8X6 (P143) + 8X6 (P144) + 8X6 (P145) + 8X6 (P146) + 8X6 (P147) + 8X6 (P148) + 8X6 (P149) + 8X6 (P150) + 8X6 (P151) + 8X6 (P152) + 8X6 (P153) + 8X6 (P154) + 8X6 (P155) + 8X6 (P156) + 8X6 (P157) + 8X6 (P158) + 8X6 (P159) + 8X6 (P160) + 8X6 (P161) + 8X6 (P162) + 8X6 (P163) + 8X6 (P164) + 8X6 (P165) + 8X6 (P166) + 8X6 (P167) + 8X6 (P168) + 8X6 (P169) + 8X6 (P170) + 8X6 (P171) + 8X6 (P172) + 8X6 (P173) + 8X6 (P174) + 8X6 (P175) + 8X6 (P176) + 8X6 (P177) + 8X6 (P178) + 8X6 (P179) + 8X6 (P180) + 8X6 (P181) + 8X6 (P182) + 8X6 (P183) + 8X6 (P184) + 8X6 (P185) + 8X6 (P186) + 8X6 (P187) + 8X6 (P188) + 8X6 (P189) + 8X6 (P190) + 8X6 (P191) + 8X6 (P192) + 8X6 (P193) + 8X6 (P194) + 8X6 (P195) + 8X6 (P196) + 8X6 (P197) + 8X6 (P198) + 8X6 (P199) + 8X6 (P200) + 8X6 (P201) + 8X6 (P202) + 8X6 (P203) + 8X6 (P204) + 8X6 (P205) + 8X6 (P206) + 8X6 (P207) + 8X6 (P208) + 8X6 (P209) + 8X6 (P210) + 8X6 (P211) + 8X6 (P212) + 8X6 (P213) + 8X6 (P214) + 8X6 (P215) + 8X6 (P216) + 8X6 (P217) + 8X6 (P218) + 8X6 (P219) + 8X6 (P220) + 8X6 (P221) + 8X6 (P222) + 8X6 (P223) + 8X6 (P224) + 8X6 (P225) + 8X6 (P226) + 8X6 (P227) + 8X6 (P228) + 8X6 (P229) + 8X6 (P230) + 8X6 (P231) + 8X6 (P232) + 8X6 (P233) + 8X6 (P234) + 8X6 (P235) + 8X6 (P236) + 8X6 (P237) + 8X6 (P238) + 8X6 (P239) + 8X6 (P240) + 8X6 (P241) + 8X6 (P242) + 8X6 (P243) + 8X6 (P244) + 8X6 (P245) + 8X6 (P246) + 8X6 (P247) + 8X6 (P248) + 8X6 (P249) + 8X6 (P250) + 8X6 (P251) + 8X6 (P252) + 8X6 (P253) + 8X6 (P254) + 8X6 (P255) + 8X6 (P256) + 8X6 (P257) + 8X6 (P258) + 8X6 (P259) + 8X6 (P260) + 8X6 (P261) + 8X6 (P262) + 8X6 (P263) + 8X6 (P264) + 8X6 (P265) + 8X6 (P266) + 8X6 (P267) + 8X6 (P268) + 8X6 (P269) + 8X6 (P270) + 8X6 (P271) + 8X6 (P272) + 8X6 (P273) + 8X6 (P274) + 8X6 (P275) + 8X6 (P276) + 8X6 (P277) + 8X6 (P278) + 8X6 (P279) + 8X6 (P280) + 8X6 (P281) + 8X6 (P282) + 8X6 (P283) + 8X6 (P284) + 8X6 (P285) + 8X6 (P286) + 8X6 (P287) + 8X6 (P288) + 8X6 (P289) + 8X6 (P290) + 8X6 (P291) + 8X6 (P292) + 8X6 (P293) + 8X6 (P294) + 8X6 (P295) + 8X6 (P296) + 8X6 (P297) + 8X6 (P298) + 8X6 (P299) + 8X6 (P300) + 8X6 (P301) + 8X6 (P302) + 8X6 (P303) + 8X6 (P304) + 8X6 (P305) + 8X6 (P306) + 8X6 (P307) + 8X6 (P308) + 8X6 (P309) + 8X6 (P310) + 8X6 (P311) + 8X6 (P312) + 8X6 (P313) + 8X6 (P314) + 8X6 (P315) + 8X6 (P316) + 8X6 (P317) + 8X6 (P318) + 8X6 (P319) + 8X6 (P320) + 8X6 (P321) + 8X6 (P322) + 8X6 (P323) + 8X6 (P324) + 8X6 (P325) + 8X6 (P326) + 8X6 (P327) + 8X6 (P328) + 8X6 (P329) + 8X6 (P330) + 8X6 (P331) + 8X6 (P332) + 8X6 (P333) + 8X6 (P334) + 8X6 (P335) + 8X6 (P336) + 8X6 (P337) + 8X6 (P338) + 8X6 (P339) + 8X6 (P340) + 8X6 (P341) + 8X6 (P342) + 8X6 (P343) + 8X6 (P344) + 8X6 (P345) + 8X6 (P346) + 8X6 (P347) + 8X6 (P348) + 8X6 (P349) + 8X6 (P350) + 8X6 (P351) + 8X6 (P352) + 8X6 (P353) + 8X6 (P354) + 8X6 (P355) + 8X6 (P356) + 8X6 (P357) + 8X6 (P358) + 8X6 (P359) + 8X6 (P360) + 8X6 (P361) + 8X6 (P362) + 8X6 (P363) + 8X6 (P364) + 8X6 (P365) + 8X6 (P366) + 8X6 (P367) + 8X6 (P368) + 8X6 (P369) + 8X6 (P370) + 8X6 (P371) + 8X6 (P372) + 8X6 (P373) + 8X6 (P374) + 8X6 (P375) + 8X6 (P376) + 8X6 (P377) + 8X6 (P378) + 8X6 (P379) + 8X6 (P380) + 8X6 (P381) + 8X6 (P382) + 8X6 (P383) + 8X6 (P384) + 8X6 (P385) + 8X6 (P386) + 8X6 (P387) + 8X6 (P388) + 8X6 (P389) + 8X6 (P390) + 8X6 (P391) + 8X6 (P392) + 8X6 (P393) + 8X6 (P394) + 8X6 (P395) + 8X6 (P396) + 8X6 (P397) + 8X6 (P398) + 8X6 (P399) + 8X6 (P400) + 8X6 (P401) + 8X6 (P402) + 8X6 (P403) + 8X6 (P404) + 8X6 (P405) + 8X6 (P406) + 8X6 (P407) + 8X6 (P408) + 8X6 (P409) + 8X6 (P410) + 8X6 (P411) + 8X6 (P412) + 8X6 (P413) + 8X6 (P414) + 8X6 (P415) + 8X6 (P416) + 8X6 (P417) + 8X6 (P418) + 8X6 (P419) + 8X6 (P420) + 8X6 (P421) + 8X6 (P422) + 8X6 (P423) + 8X6 (P424) + 8X6 (P425) + 8X6 (P426) + 8X6 (P427) + 8X6 (P428) + 8X6 (P429) + 8X6 (P430) + 8X6 (P431) + 8X6 (P432) + 8X6 (P433) + 8X6 (P434) + 8X6 (P435) + 8X6 (P436) + 8X6 (P437) + 8X6 (P438) + 8X6 (P439) + 8X6 (P440) + 8X6 (P441) + 8X6 (P442) + 8X6 (P443) + 8X6 (P444) + 8X6 (P445) + 8X6 (P446) + 8X6 (P447) + 8X6 (P448) + 8X6 (P449) + 8X6 (P450) + 8X6 (P451) + 8X6 (P452) + 8X6 (P453) + 8X6 (P454) + 8X6 (P455) + 8X6 (P456) + 8X6 (P457) + 8X6 (P458) + 8X6 (P459) + 8X6 (P460) + 8X6 (P461) + 8X6 (P462) + 8X6 (P463) + 8X6 (P464) + 8X6 (P465) + 8X6 (P466) + 8X6 (P467) + 8X6 (P468) + 8X6 (P469) + 8X6 (P470) + 8X6 (P471) + 8X6 (P472) + 8X6 (P473) + 8X6 (P474) + 8X6 (P475) + 8X6 (P476) + 8X6 (P477) + 8X6 (P478) + 8X6 (P479) + 8X6 (P480) + 8X6 (P481) + 8X6 (P482) + 8X6 (P483) + 8X6 (P484) + 8X6 (P485) + 8X6 (P486) + 8X6 (P487) + 8X6 (P488) + 8X6 (P489) + 8X6 (P490) + 8X6 (P491) + 8X6 (P492) + 8X6 (P493) + 8X6 (P494) + 8X6 (P495) + 8X6 (P496) + 8X6 (P497) + 8X6 (P498) + 8X6 (P499) + 8X6 (P500) + 8X6 (P501) + 8X6 (P502) + 8X6 (P503) + 8X6 (P504) + 8X6 (P505) + 8X6 (P506) + 8X6 (P507) + 8X6 (P508) + 8X6 (P509) + 8X6 (P510) + 8X6 (P511) + 8X6 (P512) + 8X6 (P513) + 8X6 (P514) + 8X6 (P515) + 8X6 (P516) + 8X6 (P517) + 8X6 (P518) + 8X6 (P519) + 8X6 (P520) + 8X6 (P521) + 8X6 (P522) + 8X6 (P523) + 8X6 (P524) + 8X6 (P525) + 8X6 (P526) + 8X6 (P527) + 8X6 (P528) + 8X6 (P529) + 8X6 (P530) + 8X6 (P531) + 8X6 (P532) + 8X6 (P533) + 8X6 (P534) + 8X6 (P535) + 8X6 (P536) + 8X6 (P537) + 8X6 (P538) + 8X6 (P539) + 8X6 (P540) + 8X6 (P541) + 8X6 (P542) + 8X6 (P543) + 8X6 (P544) + 8X6 (P545) + 8X6 (P546) + 8X6 (P547) + 8X6 (P548) + 8X6 (P549) + 8X6 (P550) + 8X6 (P551) + 8X6 (P552) + 8X6 (P553) + 8X6 (P554) + 8X6 (P555) + 8X6 (P556) + 8X6 (P557) + 8X6 (P558) + 8X6 (P559) + 8X6 (P560) + 8X6 (P561) + 8X6 (P562) + 8X6 (P563) + 8X6 (P564) + 8X6 (P565) + 8X6 (P566) + 8X6 (P567) + 8X6 (P568) + 8X6 (P569) + 8X6 (P570) + 8X6 (P571) + 8X6 (P572) + 8X6 (P573) + 8X6 (P574) + 8X6 (P575) + 8X6 (P576) + 8X6 (P577) + 8X6 (P578) + 8X6 (P579) + 8X6 (P580) + 8X6 (P581) + 8X6 (P582) + 8X6 (P583) + 8X6 (P584) + 8X6 (P585) + 8X6 (P586) + 8X6 (P587) + 8X6 (P588) + 8X6 (P589) + 8X6 (P590) + 8X6 (P591) + 8X6 (P592) + 8X6 (P593) + 8X6 (P594) + 8X6 (P595) + 8X6 (P596) + 8X6 (P597) + 8X6 (P598) + 8X6 (P599) + 8X6 (P600) + 8X6 (P601) + 8X6 (P602) + 8X6 (P603) + 8X6 (P604) + 8X6 (P605) + 8X6 (P606) + 8X6 (P607) + 8X6 (P608) + 8X6 (P609) + 8X6 (P610) + 8X6 (P611) + 8X6 (P612) + 8X6 (P613) + 8X6 (P614) + 8X6 (P615) + 8X6 (P616) + 8X6 (P617) + 8X6 (P618) + 8X6 (P619) + 8X6 (P620) + 8X6 (P621) + 8X6 (P622) + 8X6 (P623) + 8X6 (P624) + 8X6 (P625) + 8X6 (P626) + 8X6 (P627) + 8X6 (P628) + 8X6 (P629) + 8X6 (P630) + 8X6 (P631) + 8X6 (P632) + 8X6 (P633) + 8X6 (P634) + 8X6 (P635) + 8X6 (P636) + 8X6 (P637) + 8X6 (P638) + 8X6 (P639) + 8X6 (P640) + 8X6 (P641) + 8X6 (P642) + 8X6 (P643) + 8X6 (P644) + 8X6 (P645) + 8X6 (P646) + 8X6 (P647) + 8X6 (P648) + 8X6 (P649) + 8X6 (P650) + 8X6 (P651) + 8X6 (P652) + 8X6 (P653) + 8X6 (P654) + 8X6 (P655) + 8X6 (P656) + 8X6 (P657) + 8X6 (P658) + 8X6 (P659) + 8X6 (P660) + 8X6 (P661) + 8X6 (P662) + 8X6 (P663) + 8X6 (P664) + 8X6 (P665) + 8X6 (P666) + 8X6 (P667) + 8X6 (P668) + 8X6 (P669) + 8X6 (P670) + 8X6 (P671) + 8X6 (P672) + 8X6 (P673) + 8X6 (P674) + 8X6 (P675) + 8X6 (P676) + 8X6 (P677) + 8X6 (P678) + 8X6 (P679) + 8X6 (P680) + 8X6 (P681) + 8X6 (P682) + 8X6 (P683) + 8X6 (P684) + 8X6 (P685) + 8X6 (P686) + 8X6 (P687) + 8X6 (P688) + 8X6 (P689) + 8X6 (P690) + 8X6 (P691) + 8X6 (P692) + 8X6 (P693) + 8X6 (P694) + 8X6 (P695) + 8X6 (P696) + 8X6 (P697) + 8X6 (P698) + 8X6 (P699) + 8X6 (P700) + 8X6 (P701) + 8X6 (P702) + 8X6 (P703) + 8X6 (P704) + 8X6 (P705) + 8X6 (P706) + 8X6 (P707) + 8X6 (P708) + 8X6 (P709) + 8X6 (P710) + 8X6 (P711) + 8X6 (P712) + 8X6 (P713) + 8X6 (P714) + 8X6 (P715) + 8X6 (P716) + 8X6 (P717) + 8X6 (P718) + 8X6 (P719) + 8X6 (P720) + 8X6 (P721) + 8X6 (P722) + 8X6 (P723) + 8X6 (P724) + 8X6 (P725) + 8X6 (P726) + 8X6 (P727) + 8X6 (P728) + 8X6 (P729) + 8X6 (P730) + 8X6 (P731) + 8X6 (P732) + 8X6 (P733) + 8X6 (P734) + 8X6 (P735) + 8X6 (P736) + 8X6 (P737) + 8X6 (P738) + 8X6 (P739) + 8X6 (P740) + 8X6 (P741) + 8X6 (P742) + 8X6 (P743) + 8X6 (P744) + 8X6 (P745) + 8X6 (P746) + 8X6 (P747) + 8X6 (P748) + 8X6 (P749) + 8X6 (P750) + 8X6 (P751) + 8X6 (P752) + 8X6 (P753) + 8X6 (P754) + 8X6 (P755) + 8X6 (P756) + 8X6 (P757) + 8X6 (P758) + 8X6 (P759) + 8X6 (P760) + 8X6 (P761) + 8X6 (P762) + 8X6 (P763) + 8X6 (P764) + 8X6 (P765) + 8X6 (P766) + 8X6 (P767) + 8X6 (P768) + 8X6 (P769) + 8X6 (P770) + 8X6 (P771) + 8X6 (P772) + 8X6 (P773) + 8X6 (P774) + 8X6 (P775) + 8X6 (P776) + 8X6 (P777) + 8X6 (P778) + 8X6 (P779) + 8X6 (P780) + 8X6 (P781) + 8X6 (P782) + 8X6 (P783) + 8X6 (P784) + 8X6 (P785) + 8X6 (P786) + 8X6 (P787) + 8X6 (P788) + 8X6 (P789) + 8X6 (P790) + 8X6 (P791) + 8X6 (P792) + 8X6 (P793) + 8X6 (P794) + 8X6 (P795) + 8X6 (P796) + 8X6 (P797) + 8X6 (P798) + 8X6 (P799) + 8X6 (P800) + 8X6 (P801) + 8X6 (P802) + 8X6 (P803) + 8X6 (P804) + 8X6 (P805) + 8X6 (P806) + 8X6 (P807) + 8X6 (P808) + 8X6 (P809) + 8X6 (P810) + 8X6 (P811) + 8X6 (P812) + 8X6 (P813) + 8X6 (P814) + 8X6 (P815) + 8X6 (P816) + 8X6 (P817) + 8X6 (P818) + 8X6 (P819) + 8X6 (P820) + 8X6 (P821) + 8X6 (P822) + 8X6 (P823) + 8X6 (P824) + 8X6 (P825) + 8X6 (P826) + 8X6 (P827) + 8X6 (P828) + 8X6 (P829) + 8X6 (P830) + 8X6 (P831) + 8X6 (P832) + 8X6 (P833) + 8X6 (P834) + 8X6 (P835) + 8X6 (P836) + 8X6 (P837) + 8X6 (P838) + 8X6 (P839) + 8X6 (P840) + 8X6 (P841) + 8X6 (P842) + 8X6 (P843) + 8X6 (P844) + 8X6 (P845) + 8X6 (P846) + 8X6 (P847) + 8X6 (P848) + 8X6 (P849) + 8X6 (P850) + 8X6 (P851) + 8X6 (P852) + 8X6 (P853) + 8X6 (P854) + 8X6 (P855) + 8X6 (P856) + 8X6 (P857) + 8X6 (P858) + 8X6 (P859) + 8X6 (P860) + 8X6 (P861) + 8X6 (P862) + 8X6 (P863) + 8X6 (P864) + 8X6 (P865) + 8X6 (P866) + 8X6 (P867) + 8X6 (P868) + 8X6 (P869) + 8X6 (P870) + 8X6 (P871) + 8X6 (P872) + 8X6 (P873) + 8X6 (P874) + 8X6 (P875) + 8X6 (P876) + 8X6 (P877) + 8X6 (P878) + 8X6 (P879) + 8X6 (P880) + 8X6 (P881) + 8X6 (P882) + 8X6 (P883) + 8X6 (P884) + 8X6 (P885) + 8X6 (P886) + 8X6 (P887) + 8X6 (P888) + 8X6 (P889) + 8X6 (P890) + 8X6 (P891) + 8X6 (P892) + 8X6 (P893) + 8X6 (P894) + 8X6 (P895) + 8X6 (P896) + 8X6 (P897) + 8X6 (P898) + 8X6 (P899) + 8X6 (P900) + 8X6 (P901) + 8X6 (P902) + 8X6 (P903) + 8X6 (P904) + 8X6 (P905) + 8X6 (P906) + 8X6 (P907) + 8X6 (P908) + 8X6 (P909) + 8X6 (P910) + 8X6 (P911) + 8X6 (P912) + 8X6 (P913) + 8X6 (P914) + 8X6 (P915) + 8X6 (P916) + 8X6 (P917) + 8X6 (P918) + 8X6 (P919) + 8X6 (P920) + 8X6 (P921) + 8X6 (P922) + 8X6 (P923) + 8X6 (P924) + 8X6 (P925) + 8X6 (P926) + 8X6 (P927) + 8X6 (P928) + 8X6 (P929) + 8X6 (P930) + 8X6 (P931) + 8X6 (P932) + 8X6 (P933) + 8X6 (P934) + 8X6 (P935) + 8X6 (P936) + 8X6 (P937) + 8X6 (P938) + 8X6 (P939) + 8X6 (P940) + 8X6 (P941) + 8X6 (P942) + 8X6 (P943) + 8X6 (P944) + 8X6 (P945) + 8X6 (P946) + 8X6 (P947) + 8X6 (P948) + 8X6 (P949) + 8X6 (P950) + 8X6 (P951) + 8X6 (P952) + 8X6 (P953) + 8X6 (P954) + 8X6 (P955) + 8X6 (P956) + 8X6 (P957) + 8X6 (P958) + 8X6 (P959) + 8X6 (P960) + 8X6 (P961) + 8X6 (P962) + 8X6 (P963) + 8X6 (P964) + 8X6 (P965) + 8X6 (P966