FOR THE NEW PATIO COVER YOU WANT TO CONSTRUCT, YOU WILL NEED TO PROVIDE A PLOT PLAN WITH YOUR CONSTRUCTION PLANS. HERE IS AN EXAMPLE OF WHAT YOUR PLOT PLAN NEEDS TO SHOW:

YOU HAVE TO SHOW THE EXISTING HOUSE AND GARAGE, PLUS ALL OTHER EXISTING STRUCTURES ON THE PROPERTY. ALSO, SHOW THE LOCATION OF THE PROPOSED CONSTRUCTION. PROVIDE DIMENSIONS OF ALL STRUCTURES AND CALCULATE THE SQUARE FOOTAGE FOR EACH STRUCTURE.

PROVIDE ALL DIMENSIONS AND SQUARE FOOTAGE OF THE LOT.

SHOW ALL SETBACK DIMENSIONS FROM THE PROPERTY LINES TO ALL EXISTING AND PROPOSED STRUCTURES.

SIDEYARD SETBACKS ARE 5' MINIMUM. REARYARD SETBACKS ARE 10' MINIMUM. CHECK WITH THE PLANNING AND ZONING DEPARTMENT FOR FRONTYARD SETBACKS, AS THEY DIFFER THROUGHOUT THE CITY DUE TO THEIR ZONING CLASSIFICATION.

THE ATTACHED PATIO PLAN MAY BE USED AS CONSTRUCTION PLANS FOR YOUR PATIO, JUST FILL IN THE BLANKS.
Roof Slope

OVERHANG
STATE LENGTH MAXIMUM 1/3 SPAN
STATE SIZE

RAFTERS
SLOPE FOR DRAIN
SLOPE TO DRAIN

SIZE
SPAN

SPACING

BLOCKING 4" MAXIMUM
12" X 1 1/2" X 20"
U-STRAP

POST SIZE
SHOW LOCATION ON PLOT PLAN

POST CONNECTION
POST-BEAM CONNECTION

BEAM

6'-8" MINIMUM

6'-8" MINIMUM

SUGGESTION: IF PATIO MAY BE COMPLETELY ENCLOSED IN FUTURE,
ASK BLDG. & SAFETY STAFF FOR ADDITIONAL REQUIREMENTS

SAND FILL
REMOVE GRASS & WEEF TO NATURAL GRADE

CONCRETE
DROP PATIO FLOOR

32 GA. G.1. FLASHING IF WOOD CONSTRUCTION EXISTS

EXISTING FINISH FLOOR ELEVATION

ALTERNATE NO. 1
NEW RAFTER
JOIST HANGER
FACE/LEDGER
EXISTING EXTERIOR STUD WALL

ALTERNATE NO. 2
NEW RAFTER
JOIST HANGER
FACE/LEDGER
EXISTING EXTERIOR STUD WALL

3/8" X 5" LAG SCREW FACIA INTO EXISTING RAFTER END (3/8" O.C. MAX.)

1/2" BOLT OR 3-16d NAILS
GALVANIZED STEEL PLATE
SLOPE

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**ALLOWABLE OPEN PATIO RAFTER SPANS (FEET AND INCHES)**

10 PSF LIVE LOAD + 7 PSF DEAD LOAD PLUS WEIGHT OF RAFTERS

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**GENERAL NOTES**

- Douglas fir-larch surfaced dry or green (19% moisture).
- PS 20-70 Repetitive member stresses (15%) and durations (25%).
- Dimensions are horizontal projects.
- No deflection criteria applied. If it is desirable to limit deflection, it is recommended to reduce rafter spans by spacing, 20% for 24" spacing and 10% for 32" spacing.