

ALL CONSTRUCTION TO ADHERE TO THESE PLANS AND SPECS AND TO CONFORM TO THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. THESE REQUIREMENTS ARE TO BE TAKEN AS MINIMUM SPECIFICATIONS; ONT. REG. 3350/06

1. ROOF CONSTRUCTION
 NC.210 (10.25kg/m²) ASPHALT SHINGLES, WITH 11.1mm (7/16") MENDE SHEATHING WITH "H" CLIPS. APPROVED WOOD TRUSSES @ 600mm (24") O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND 900mm (3'-0") FROM EDGE OF ROOF AND MIN. 300mm (12") BEYOND INNER FACE OF EXTERIOR WALL (EAVES PROTECTION NOT REQ'D. FOR ROOF 8:12 OR GREATER)
 35x69 (2"x4") TRUSS BRACING @ 1830mm (6'-0") O.C. AT BOTTOM CHORD. PREFIN. ALUM. AVTSTROUGH, FASCIA, RVL & VENTED SOFFIT. ATIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH 25% AT EAVES. AND 25% AT RIDGE (OBC 9.19.1.2)
 FRAME WALL CONSTRUCTION (2"x6")
 2. SIDING AS PER ELEVATION, APPROVED AIR BARRIER 11.1mm (7/16") EXTERIOR TYPE
 SHEATHING, 38x140 (2"x6") STUDS @ 400mm (16") O.C. RSI 3.87 (R22) INSULATION AND APPROVED VAPOUR BARRIER AND APPROVED CONT. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH. SIDING TO BE MIN. 200mm (8") ABOVE FIN. GRADE
 FRAME WALL CONSTRUCTION (2"x4")
 - 2A. SIDING AS PER ELEVATION, APPROVED AIR BARRIER RSI 0.9 (R5), EXTERIOR RIGID INSULATION BOARD 38x49 (2"x4") STUDS @ 400mm (16") O.C. WITH APPROVED DIAGONAL WALL BRACING, RSI 3.87 (R22) INSULATION AND APPROVED VAPOUR BARRIER AND APPROVED CONT. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH. SIDING TO BE MIN. 200mm (8") ABOVE FIN. GRADE
 BRICK VENEER CONSTRUCTION (2"x6")
 3. 90mm (4") FACE BRICK 25mm (1") AIR SPACE, 22x180x0.76mm (7/8"x7"x0.03") GALV. METAL TIES @ 400mm (16") O.C. HORIZONTAL 600mm (24") O.C. VERTICAL. APPROVED AIR BARRIER 11.1mm (7/16") EXTERIOR TYPE
 SHEATHING, 38x140 (2"x6") STUDS @ 400mm (16") O.C. RSI 3.87 (R22) INSULATION AND APPROVED VAPOUR BARRIER WITH APPROVED CONTIN. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH. PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE.
 BRICK VENEER CONSTRUCTION (2"x4")
 - 3A. 90mm (4") FACE BRICK 25mm (1") AIR SPACE, 22x180x0.76mm (7/8"x7"x0.03") GALV. METAL TIES @ 400mm (16") O.C. HORIZONTAL 600mm (24") O.C. VERTICAL. APPROVED AIR BARRIER RSI 0.9 (R5) EXT. RIGID INSUL. BD., WITH APPROVED DIAGONAL WALL BRACING, RSI 3.35 (R19) INSULATION AND APPROVED VAPOUR BARRIER WITH APPROVED CONT. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH. PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE.
 INTERIOR STUD PARTITIONS
 4. FOR BEARING PARTITIONS 38x69 (2"x4") @ 400mm (16") O.C. FOR 2 STOREYS AND 300mm (12") O.C. FOR 3 STOREYS. NON-BEARING PARTITIONS 38x69 (2"x4") @ 800mm (24") O.C. PROVIDE 38x69 (2"x4") TOP PLATE, 13mm (1/2") INT. DRYWALL BOTH SIDES OF STUDS. PROVIDE 38x140 (2"x6") STUDS/PLATES WHERE NOTED. FOUNDATION WALL/FOOTINGS.—SEE OBC 9.15.3. 9.15.4 200mm (8") POURED CONC. FDTN. WALL 20MPa (3000psi) WITH BITUMINOUS DAMPROOFING AND OPT. DRAINAGE LAYER. DRAINAGE LAYER REQ. WHEN BASEMENT INSUL. EXTENDS 90 (2'-11") BELOW FIN. GRADE. MAXIMUM POUR HEIGHT 2390 (7'-10") ON 500x155 (20"x6") CONTINUOUS KEYED CONC. FTG. BRACE FDTN. WALL PRIOR TO BACKFILLING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL OR COMPACTED ENGINEERED FILL, WITH MIN. BEARING CAPACITY OF 125KPa OR GREATER. IF SOIL BEARING DOES NOT MEET MIN. CAPACITY, ENGINEERED FOOTINGS ARE REQUIRED. MAX. FLOOR LIVE LOAD OF 2.4k (50psf) PER FLOOR, AND MAX. LENGTH OF SUPPORTED JOISTS IS 4.9m (16'-1"). REFER TO SOILS REPORT FOR SOILS CONDITIONS AND BEARING CAPACITY.
 5. 100mm (4") DIA. WEEPING TILE 150mm (6") CRUSHED STONE OVER AND AROUND WEEPING TILES.
 6. BASEMENT SLAB OBC 9.3.1.6 (1/5) @ 9.16.4.5. (1) 80mm (3") MIN. 25MPa (3600psi) CONC. SLAB ON 100mm (4") COARSE GRANULAR FILL OR 15MPa (2200psi) CONC. WITH DAMPROOFING BELOW SLAB. PROVIDE RSI 1.75 (R10) INSULATION
 7. EXPOSED FLOOR TO EXTERIOR
 PROVIDE RSI 5.46 (R31) INSULATION, APPROVED VAPOUR BARRIER AND CONTINUOUS AIR BARRIER, FINISHED SOFFIT.
 8. ATIC INSULATION OBC 12.3.2.1 & 12.3.3.7
 RSI 8.81 (R50) BLOWN IN ROOF INSULATION AND APPROVED VAPOUR BARRIER, 16mm (5/8") INT. DRYWALL FINISH OR APPROVED EQUAL.
 9. ALL STAIRS/EXTERIOR STAIRS —OBC 9.8—
 UNIFORM RISE & RUN IN A GIVEN RUN TO WITHIN 6mm (1/8")
 MAX. RISE = 200 (7'-7/8")
 MIN. RUN = 210 (6'-1/4")
 MIN. TREAD = 25 (3'-1/4")
 MAX. NOSING = 25 (1")
 MIN. HEADROOM = 1950 (6'-5")
 RAIL OR LANDING = 900 (2'-11")
 RAIL OR STAIR = 800 (2'-8")
 MIN. STAIR WIDTH = 860 (2'-10")
 MIN. RUN FOR CURVED STAIRS = 150 (6")
 MIN. RUN = 200 (8")
 MIN. AVG. RUN = 200 (8")
 10. FINISHED RAILING ON PICKETS SPACED MAXIMUM 100mm (4") BETWEEN PICKETS. CLEARANCE BET. HANDRAIL AND SURFACE BEHIND IT TO BE 50mm (2") MIN. HANDRAILS TO BE CONT. EXCEPTING FOR NEWEL POST AT CHANGES OF DIRECTION. GUARDS —OBC 9.8.8.3—
 INTERIOR GUARDS: 900mm (3'-6") MIN.
 EXTERIOR GUARDS: 100mm (2'-11") MIN.
 11. 38x69 (2"x4") SILL PLATE WITH 13mm (1/2") DIA. ANCHOR BOLTS 200mm (8") LONG. EMBEDDED MIN. 100mm (4") INTO CONC. @ 2400mm (7'-10") ONTO LEVEL SILL. USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED. (SEE OBC 9.23.7)
 12. RSI 3.52 (R20) INSULATION BLANKET OR BATTS WITH 38x69 (2"x4") STUD WALL, AND APPROVED VAPOUR BARRIER TO 200 (8") BELOW FIN. GRADE. DAMPROOF WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL. NOTE: FULL HEIGHT INSULATION AT COLD CELLAR WALLS.
 13. RSI 3.52 (R20) INSULATION BLANKET OR BATTS WITH 38x69 (2"x4") STUD WALL, AND APPROVED VAPOUR BARRIER TO 200 (8") BELOW FIN. GRADE. DAMPROOF WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL. NOTE: FULL HEIGHT INSULATION AT COLD CELLAR WALLS.

39x89 (2"x4") STUDS @ 400mm (16") O.C.
39x89 (2"x4") SILL PLATE ON DAMPROOFING
MATERIAL (1 1/2") DIA. ANCHOR BOLTS
200mm (8") LONG, EMBEDDED MIN. 100mm
(4") INTO CONC. @ 2400mm (7'-10") O.C.
100mm (4") HIGH CONC. CURB ON 350x155
(14"x6") CONC. FOOTING. AD. HORIZ. BLOCKING AT
MID-HEIGHT IF WALL IS UNFINISHED.

SIEEL BASEMENT COLUMN (SEE O.B.C. 9.17.3.1, 9.17.3.4)

89.9mm (3.5") DIA. NON-ADJUSTABLE STL COL.
CONFORMING TO CAN/CSG-7.2M. AND WITH 150x150x9.5
STL. PLATE TOP & BOTTOM. 910x910x300
(36"x36"x12") CONC. FOOTING ON UNDISTURBED SOIL OR
ENGINEERED FILL. CAPABLE OF SUSTAINING A PRESSURE OF
100 Kpa. MINIMUM AND AS PER SOILS REPORT.

SIEEL BASEMENT COLUMN (SEE O.B.C. 9.17.3.1, 9.17.3.4)

37x37x1.188
STL. COL. WITH 150x150x9.5 (6"x6"x3/8") STL. TOP &
BOTTOM PLATE ON 910x910x300 (36"x36"x12") CONC.
FOOTING ON UNDISTURBED SOIL OR ENGINEERED FILL.
CAPABLE OF SUSTAINING A PRESSURE OF 125 Kpa. MIN.
AND AS PER SOILS REPORT.

- 15) 3"x3"x(188) NON-ADJUSTABLE
STEEL COLUMN. (SEE 9.17.3.1, 9.17.3.4)
STL. COL. TO BE ON 150X150x8.5 (6"x6"x3/8")
STEEL POST PLATE, & BOTTOM PLATE.
BASE PLATE 120x250x12.5 (4' 1/2"x10"x1/2") WITH
2-1/2" DIA. x 300mm LONG x30mm HOOK ANCHORS
(2-1/2"x12"x2") FILL WELD COL. TO BASE PLATE.
- 16) BEAM POCKET OR 300x150 (12"x6") POURED
CONC. NIB WALLS, MIN. BEARING 90mm (3'-1/2")
- 17) 19x64 (1"x3/4") CONTINUOUS WD. STRAPPING
BOTH SIDES OF STEEL BEAM.
- 18) GARAGE SLAB: 100mm (4") 32MPa (4640psi)
CONC. SLAB WITH 5-8% AIR ENTRAINMENT ON
OPT. 100 (4") COARSE GRANULAR FILL WITH
COMPACTED SUB-BASE OR COMPACTED NATIVE FILL
SLOPE TO FRONT AT 1% MIN.
- 19) 13mm (1/2") GYPSUM BD. ON WALL AND
CEILING BETWEEN HOUSE AND GARAGE, RSI 3.35
(R15) IN WALLS, RSI 4.4 (R25) IN CEILING.
TAPE AND SEAL ALL JOINTS AIR TIGHT.
PER CBC 9.10.9.16
- 20) DOOR AND FRAME GASPROOFED. DOOR
EQUIPPED WITH SELF CLOSING DEVICE
WEATHERSTRIPPING. PER CBC 9.10.13.15
- 21) WOOD STEP, C/W HANDRAIL & LANDING IF MORE THAN
3 RISERS, MAX RISE 200mm (7'-7/8") MIN READ 250mm
(9'-1/2") SEE CBC 9.8.9.2, 9.8.9.3 & 9.8.10
- 22) CAPPED DRYER EXHAUST VENT TO EXTERIOR.
(USE 100mm(4") DIA. SMOOTH WALL VENT PIPE)
CBC 6.2.3.8.(7)
- 23) ATTIC ACCESS HATCH 545x610 (21.5"x24") WITH
MIN. AREA OF 344 CM² WITH WEATHERSTRIPPING
RSI 7.0 (R40) RIGID INSUL. BACKING CBC 9.19.2
- 24) EREPLACE CHIMNEYS - CBC 9.21-
TOP OF FIREPLACE CHIMNEY SHALL BE 915mm
(3'-0") ABOVE THE HIGHEST POINT AT WHICH
IT COMES IN CONTACT WITH THE ROOF
AND 610mm (2'-0") ABOVE THE ROOF SURFACE
WITH A HORIZ. DISTANCE OF 3050mm
(10'-0") FROM THE CHIMNEY.

25. LINEN CLOSET, 4 SHELVES MIN. 350mm (14") DEEP.
26. MECHANICAL EXHAUST FAN, VENTED TO EXTERIOR,
TO PROVIDE AT LEAST ONE AIR CHANGE PER HOUR.
27. STEEL BEARING PLATE FOR MASONRY WALLS
280x280x16 (11"x11"x5/8") STL. PLATE FOR
STL BEAMS AND 280x280x12 (11"x11"x1/2")
STL. PLATE FOR WOOD BEAMS BEARING ON CONC.
BLOCK PARTYWALL, ANCHORED WITH 2-19mm (3/4")
X 200mm (8") LONG GALV. ANCHORS WITHIN SOLID
BLOCK COURSE. LEVEL WITH NON-SHRINK GROUT.
OR

- SOLID WOOD BEARING FOR WOOD STUD WALLS**
- SOLID BEARING TO BE AT LEAST AS WIDE AS THE SUPPORTED MEMBER. SOLID WOOD BEARING COMPRISED OF BUILT-UP WOOD STUDS TO BE CONSTRUCTED IN ACCORDANCE WITH OBC, 9.17.4.2 (2).
- U.L.C. RATED CLASS "B" VENT 610mm (2'-0") ABOVE THE POINT IN CONTACT WITH THE ROOF FOR SLOPES UP TO 9/12. REFER TO THE ONTARIO GAS UTILIZATION CODE.
- 3-38x140 (3"-2 $\frac{1}{8}$ ") BUILT-UP-POST ON METAL BASE SHOE ANCHORED TO CONC. WITH 12.7 DIA. BOLT, 610x610x300 (24"x24"x12") CONC. FTG. OBC 9.17.4
- STEP FOOTINGS: MIN. HORIZ. STEP = 600mm (23"-5/8"), MAX. VERT. STEP = 600mm (23"-5/8") FOR FIRM SOILS.

51. PORCH SLAB/STEPS:
130 mm (5") MIN. CONC. 32 MPa
SLAB AIR ENTRAINMENT MIN. 5% TO 8%
AT 28 DAYS, 10 M BARS @ 250 mm C/C
EACH WAY 10M DOWELS @ 400 (16") C/C
2-15mm IN THICKENED AREA FROM WALL
TO SLAB ALL SIDES (SEE DETAIL)
52. DIRECT VENT FURNACE TERMINAL MIN. 900mm (36")
(36") FROM A GAS REGULATOR, MIN. 300mm (12")
ABOVE FIN. GRADE, FROM ALL OPENINGS, EXHAUST
AND INTAKE VENTS. HRV INTAKE TO BE A MIN. OF
1830mm (6'-0"). FROM ALL EXHAUST TERMINALS.

33. REFER TO GAS UTILIZATION CODE.
DIRECT VENT GAS FIREPLACE. VENT TO BE A MINIMUM 300mm (12") FROM ANY OPENING AND ABOVE FIN. GRADE. REFER TO GAS UTILIZATION CODE.
34. SUBFLOOR...JOIST STRAPPING AND BRIDGING
-16mm (5/8") T & G SUBFLOOR ON WOOD FLOOR JOISTS. FOR CERAMIC TILE APPLICATION (* SEE OBC 9.30.6. *)
6mm (1/4") PANEL TYPE UNDERLAY UNDER RESILIENT & PARQUET FLOORING.

- (- * SEE OBC 9.30.2 *)
ALL JOISTS TO BE BRIDGED WITH 38x38 (2"x2")
CROSS BRACING OR SOLID BLOCKING @ 2100mm
(6'-11") O.C. MAX. ALL JOISTS TO BE
STRAPPED WITH 19x64 (1"x3") @ 2100mm
(6'-11") O.C. UNLESS A PANEL TYPE CEILING
FINISH IS APPLIED. (SEE OBC 9.23.9.4)
EXP. EXPOSED BUILDING FACE - OBC 9.10.1.4.5
PORCH WALLS TO HAVE A FIRE RESISTANCE
RATING OF NOT LESS THAN 45 min. WHERE
LIMITING DISTANCE IS LESS THAN 1.2M (3'-11").
WHERE THE LIMITING DISTANCE IS LESS THAN
600mm (1'-11") THE EXPOSING FACE SHALL
BE CLAD IN NON-COMBUSTIBLE MATERIAL.
COLD CELLAR PORCH SLAB (OBC 9.40)
FOR MAX. 2500mm (8'-2") PORCH DEPTH.

- (SHORTEST DIMENSIONS)
125mm (4 7/8") 32MPa (4640psi) CONC. SLAB WITH
5-8% AIR ENTRAINMENT. REINF. WITH 10M BARS
@ 200mm (7 7/8") O.C. EACH WAY IN BOTTOM THIRD
OF SLAB, MIN. 308mm (1 1/4") COVER, 600x600mm
23 5/8"x23 5/8", 10M DOWELS @ 600mm
(23 5/8") O.C. ANCHORED IN PERIMETER FDN.
WALLS. SLOPE SLAB MIN. 1.0% FROM HOUSE WALL.
SLAB TO HAVE MIN. 75mm (3") BEARING IN FDN. WALLS.
PROVIDE (L7) LINTELS OVER CELLAR DOOR & WITH
100mm (4") END BEARING.
THE FDN. WALL SHALL NOT BE REDUCED TO
LESS THAN 90mm (3 1/2") THICK TO A MAX.
DEPTH OF 350mm (13 3/4") AND SHALL BE TIED
TO THE FACING MATERIAL WITH METAL TIES
SPACED 200mm (8") O.C. VERTICALLY AND
500mm (36") O.C. HORIZONTALLY. FILL SPACE
BETWEEN WALL AND FACING SOLID WITH MORTAR.
(SEE O.B.C. 9.15.4.7)

38x140 (2"x6") RAFTERS @ 400mm (16"O.C.),
FOR MAX. 11'-7" SPAN.
38x184 (2"x8") RIDGE BOARD, 38x89 (2"x4")
COLLAR TIES AT MIDSPANS, CEILING JOISTS TO
SUPPORT TILES @ 400mm (16" O.C.) FOR MAX.
BE 38x89 (2"x4") & 400mm (16" O.C.) FOR MAX.
2830mm (9'-3") SPAN & 38x140 (2"x6") @ 400mm
(16" O.C.) FOR MAX. 4450mm (14'-7") SPAN.
RAFTERS FOR BUILD-UP ROOF TO BE 38x89 (2"x4")
VERTICALLY, TRUSS BELOW, JOISTED GABLE END
POST-TENSIONED TRUSS BELOW, JOISTED BRACED AT
1800mm (6'-0") O.C. VERTICALLY.

- INVO. STOREY VOLUME SPACES
- FOR HIGH WALL, UP TO 18'-0".
- CONSTRUCTION: 2" X 6'S SPACING AS INDICATED
- BLOCKING: 3" RONG, 4" X 6" O/C ±
- SHEATHING: 7/16" ASPENITE
- NAILING: 2" STAPLES BET. 4" AND 6" O/C ALONG STUDS
- STUD SPACING WITH VARIOUS FINISHES:
1. SIDING-METAL OR VINYL - 2" X 6" @ 16" O/C
 2. STUCCO - 2" X 6" @ 16" O/C
 3. BRICK TO 4'-0" - 2" X 6" @ 16" O/C
 4. BRICK FULL HEIGHT - 2" X 6" @ 12" O/C

- WINDOWS:**
- 1) **MINIMUM BEDROOM WINDOW** —OBC 9.2.1.3.—
AT LEAST ONE BEDROOM WINDOW ON A GIVEN FLOOR
HAVE MIN. 0.35m² UNOBSTRUCTED GLAZED OR OPENED
AREA WITH MIN. CLEAR WIDTH OF 380 mm (1'-3 3/8")
 - 2) **WINDOW GUARDS** —OBC 9.2.1.6.— 9.8.8.
A GUARD IS REQUIRED WHERE THE TOP OF THE WINDOW IS
LOCATED LESS THAN 480mm (1'-7") ABOVE FIN. FLOOR.
THE DISTANCE FROM THE FIN. FLOOR TO THE ADJACENT
IS GREATER THAN 1800mm (5'-11")

- GENERAL**
- 3) ALL WINDOWS TO COMPLY WITH THERMAL RESISTANCE REQUIREMENTS.
 - 1) MECHANICAL VENTILATION IS REQUIRED TO PROVIDE EXHAUST OVER 24 HOURS. SEE MECHANICAL DRAWINGS.
 - 2) ALL DOWNSPOUTS TO DRAIN AWAY FROM THE BUILDING.
 - 3) ALL WINDOW WELLS TO DRAIN TO FOOTING LEVEL.
 - 4) PROVIDE STUD WALL REINFORCEMENT FOR FUTURE CLOSESTUDDING.
 - 5) SHALL BE INSTALLED ADJACENT TO WATER CLOSET. SEE SPEC. SECTION 05120 FOR DETAILS.

- 1) ALL LUMBER SHALL BE SPECIES NO.2 GRADE, UNLESS NOTED OTHERWISE.
- 2) STUDS SHALL BE STUD GRADE SPRUCE, UNLESS NOTED OTHERWISE.
- 3) LUMBER EXPOSED TO THE EXTERIOR TO BE SPRUCE, UNLESS NOTED OTHERWISE.
- 4) ALL LAMINATED VENEER LUMBER (L-V-L) BEAMS, GLUED JOINTS, AND CONNECTIONS SUPPORTING ROOF FRAMING TO BE LVL.
- 5) LVL BEAMS SHALL BE 2.0E WS MICRO-GLUE LVL (F-155) IN 2 ROWS WITH 18mm (3/4") LONG CONNECTIONS IN 2 ROWS FOR 184, 240 & 300mm (7 1/4", 9 1/2" & 11 7/8") DEPTHS AND 3 ROWS FOR GREATER DEPTHS AND 4 PLY M/L BOLTS BOLTED AT MID-DEPTH OF BEAM @ 915mm (36") ON CENTER.

- 6) PROVIDE TOP MOUNT BEAM HANGERS TYPE "SC".
Tel. (905) 842-3175 OR EQUAL FOR ALL LVL BEAMS.
- 7) JOIST HANGERS: PROVIDE METAL HANGERS FOR ALL INTERSECTING FLUSH BUILT-UP WOOD MEMBERS.
- 8) WOOD FRAMING NOT TREATED WITH A WOOD PRESERVATIVE SHALL BE SEPARATED FROM THE CONCRETE BY AT LEAST ONE INCH OF AIR SPACE. ROLL ROOFING OR OTHER DAMPROOFING MATERIAL SHALL BE INSTALLED ON THE WOOD SURFACES AND SET AT LEAST 150mm (6") ABOVE THE GROUND.
- 1) STRUCTURAL STEEL SHALL CONFORM TO CAN/CSA-A572 GR50. NON-SUSCEPTIBLE TO CORROSION. ALL WELDMENTS SHALL CONFORM TO CAN/CESA-W59. ALL BOLTS SHALL CONFORM TO CAN/CESA-B18. ALL BOLTS SHALL BE GRADE 550M CLASS "A4-70".

- 2) REINFORCING STEEL SHALL CONFORM TO CSA-G30.6

- [illegible]

- | LAMINATED VENEER LUMBER (LVL) BEAMS | |
|-------------------------------------|-----------------------------|
| LVL1 | 2-1 3/4"x7 1/4" (2-45x184) |
| LVL2 | 3-1 3/4"x7 1/4" (3-45x184) |
| LVL3 | 4-1 3/4"x7 1/4" (4-45x184) |
| LVL4 | 2-1 3/4"x9 1/2" (2-45x240) |
| LVL5 | 3-1 3/4"x9 1/2" (3-45x240) |
| LVL6 | 2-1 3/4"x11 7/8" (2-45x300) |
| LVL7 | 3-1 3/4"x11 7/8" (3-45x300) |

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|-----|---|-----|----|------|------|-----|-------|
| TP | = | (1) | 3" | DIA. | ADJ. | ST. | POST. |
| 2TP | = | (2) | 3" | DIA. | ADJ. | ST. | POST. |
| 3TP | = | (3) | 3" | DIA. | ADJ. | ST. | POST. |

CLASS 'B' VENT
EXHAUST VENT
DUPLEX OUTLET
(12" HIGH)

- | | |
|---|------------------------------------|
|  | DUPLEX OUTLET
(HEIGHT AS NOTED) |
|  | WEATHERPROOF
DUPLEX OUTLET |
|  | HEAVY DUTY OUTLET |
|  | POT LIGHT |
|  | LIGHT FIXTURE
(CEILING MOUNTED) |
|  | LIGHT FIXTURE
(PULL CHAIN) |
|  | LIGHT FIXTURE
(WALL MOUNTED) |

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|---|---|---|--------------|--------------|------------------|
| SWITCH | FLOOR DRAIN | HOSE BIB | DOUBLE JOIST | TRIPLE JOIST | LAMINATED VENEER |
|  |  |  | DJ | TJ | LVI |

- | | | | | | | | |
|-----|------|---------------|---------------|--------------|---------------|-----------|-------------|
| LVL | 2 | POINT LOAD FR | PRESSURE TRES | GIRDER TRUSS | BY ROOF TRUSS | FLAT ARCH | CURVED ARCH |
| | X | | LUMBER | LUMBER | | | |
| | P.T. | | | | | | |
| | G.T. | | | | | | |
| | F.A. | | | | | | |
| | C.A. | | | | | | |

- 出典: 日本経済新聞

O.B.C. TABLE 211.2.2A COMPLIANCE PACKAGE "1"

1. CEILING WITH ATTIC SPACE - MIN. (RSI 0.81) R50
2. CEILING WITHOUT ATTIC SPACE - MIN. (RSI 3.46) R31
3. EXPOSED FLOOR - MIN. (RSI 3.46) R31
4. WALLS ABOVE GRADE - MIN. (RSI 3.87) R22
5. BASEMENT WALLS - MIN. (RSI 3.52) R20
6. EDGE OF BELOW GRADE SLAB
(LESS THAN OR EQUAL TO 24" B.6.) - MIN. (RSI 1.76) R10
HEATED SLAB
- (OR SLAB LESS THAN OR EQUAL TO 24" B.6.) - MIN.(RSI 1.76) R10
8. WINDOWS & SLIDING GLASS DOORS - MAX. U VALUE OF 0.30
9. SKYLIGHTS MAX. U VALUE OF 0.28
10. SPACE HEATING EQUIPMENT - MIN. AFUE OF 92%
11. HRV - MIN. EFFICIENCY OF 55%
12. DOMESTIC HOT WATER HEATER, MIN. EF. OF 0.62%

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 MEDICINE CABINET
 CONC. BLOCK WALL
 DOUBLE VOLUME WALL
 SEE NOTE  39
 SOLID WOOD BEARING
 P2 - 2 MEMBER BUILT-UP STUD
 P3 - 3 MEMBER BUILT-UP STUD
 P4 - 4 MEMBER BUILT-UP STUD
 P5 - 5 MEMBER BUILT-UP STUD
 NOTE: SOLID BEARING TO BE AS WIDE AS SUPPORTED MEMBER
 AND BEARING TO BE MINIMUM AS SHOWN ON PLAN
 AND ONE JACK STUD, UNLESS OTHERWISE NOTED ON PLAN
 (SEE NOTE 39)

- PROVIDE 1 PER FLOOR, NEAR THE STAIRS CONNECTING THE FLOOR LEVEL. ALARMS TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND INTERCONNECTED TO ACTIVATE ALL ALARMS IF 1 SOUNDS.
- CARBON MONOXIDE DETECTOR (CSC 9.13.4.2) WHERE A FUEL-BURNING APPLIANCE IS INSTALLED DWELLING UNIT, A CARBON MONOXIDE DETECTOR CONFORMING TO CAN/CGA-6.19, CSA 6.19 OR SHALL BE INSTALLED ADJACENT TO EACH SLEEPING CARBON MONOXIDE DETECTOR(S) SHALL BE PERMANENTLY WIRED SO THAT ITS ACTIVATION SHALL ACTIVATE ALL CARBON MONOXIDE DETECTORS AND BE EQUIPPED WITH AN ALARM THAT IS AUDIBLE WITHIN BEDROOMS. THE INTERVENING DOORS ARE CLOSED.
- SOIL GAS CONTROL (CSC 9.13.4.1 & 9.13.4.2) PROVIDE CONSTRUCTION TO PREVENT LEAKAGE OF SOIL GAS INTO THE BUILDING BY REQUIRING

- CONTRACTOR MUST VERIFY ALL DIMENSIONS ON THE AND REPORT ANY DISCREPANCY TO DCK/PHOENIX BEFORE PROCEEDING WITH THE WORK. ANY DISCREPANCIES ARE INSTRUMENTATION WHICH WILL BE THE PROPERTY OF THE DESIGNER WHICH MUST BE RETURNED AT THE COMPLETION OF THE WORK. ALL DRAWINGS TO BE USED FOR CONSTRUCTION ONLY AFTER BUILDING PERMIT HAS BEEN ISSUED. DO NOT SCALE DRAWINGS.

PHOENIX HOMES

TUSCANA-2011-A,B,C,D

SITE: SHADON RIDGE2

LOT NUMBER:

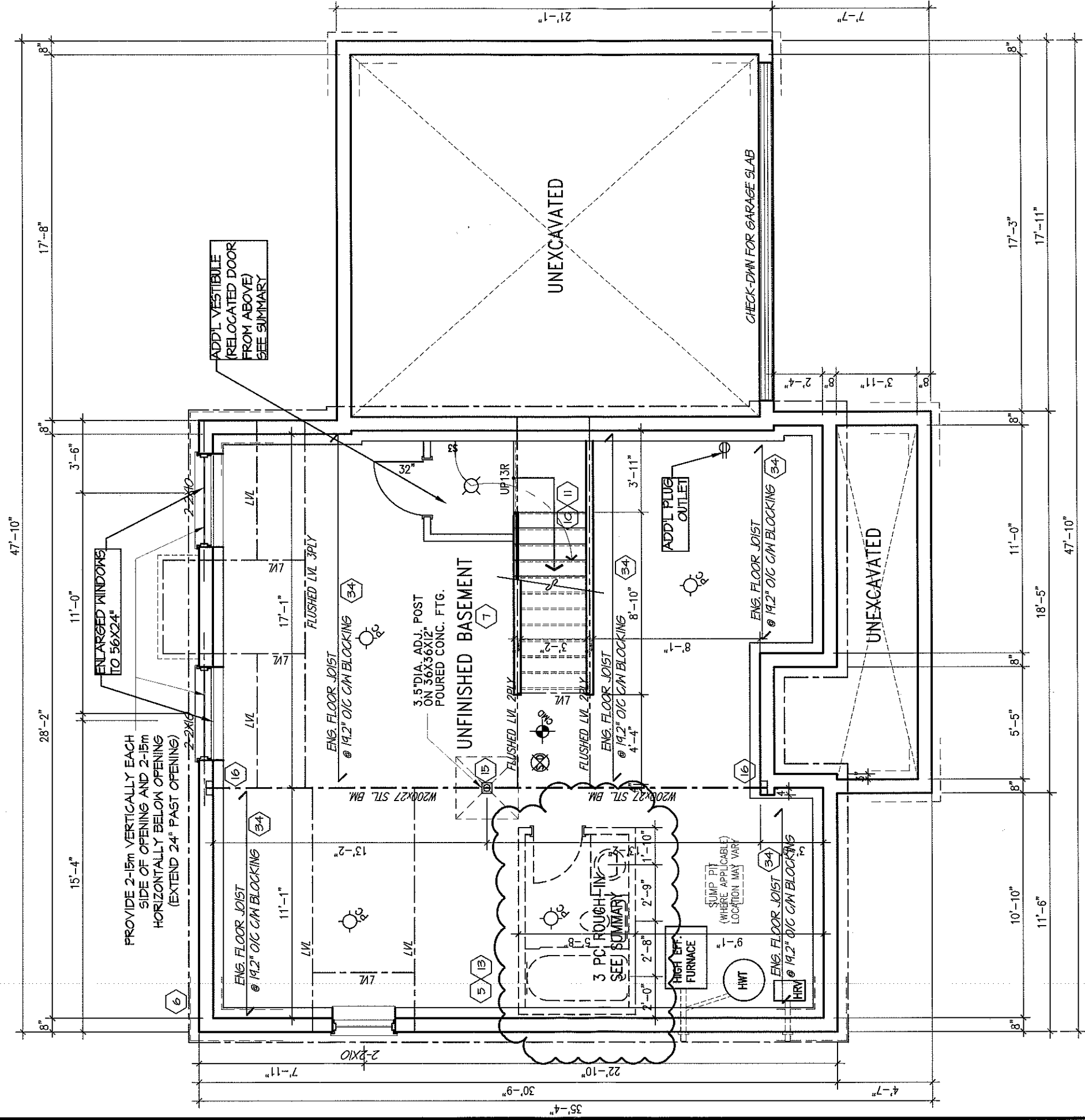
CIVIC ADDRESS:

09

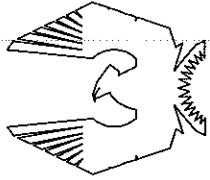
No.	Description	Date	By
REVISIONS			

footprint:	56				
drawn by:	TL				
date:	NOV/11				
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sheet no:	<table border="1"> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td>  </td> </tr> </table>				
					

Contractor must verify all dimensions on the job and report any discrepancy to D.C.R./Phoenix before proceeding with the work. Drawings are NOT to be scaled.



BASEMENT PLAN A



PHOENIX HOMES

TUSCANA-2011-A

SITE: SHADON RIDGE2

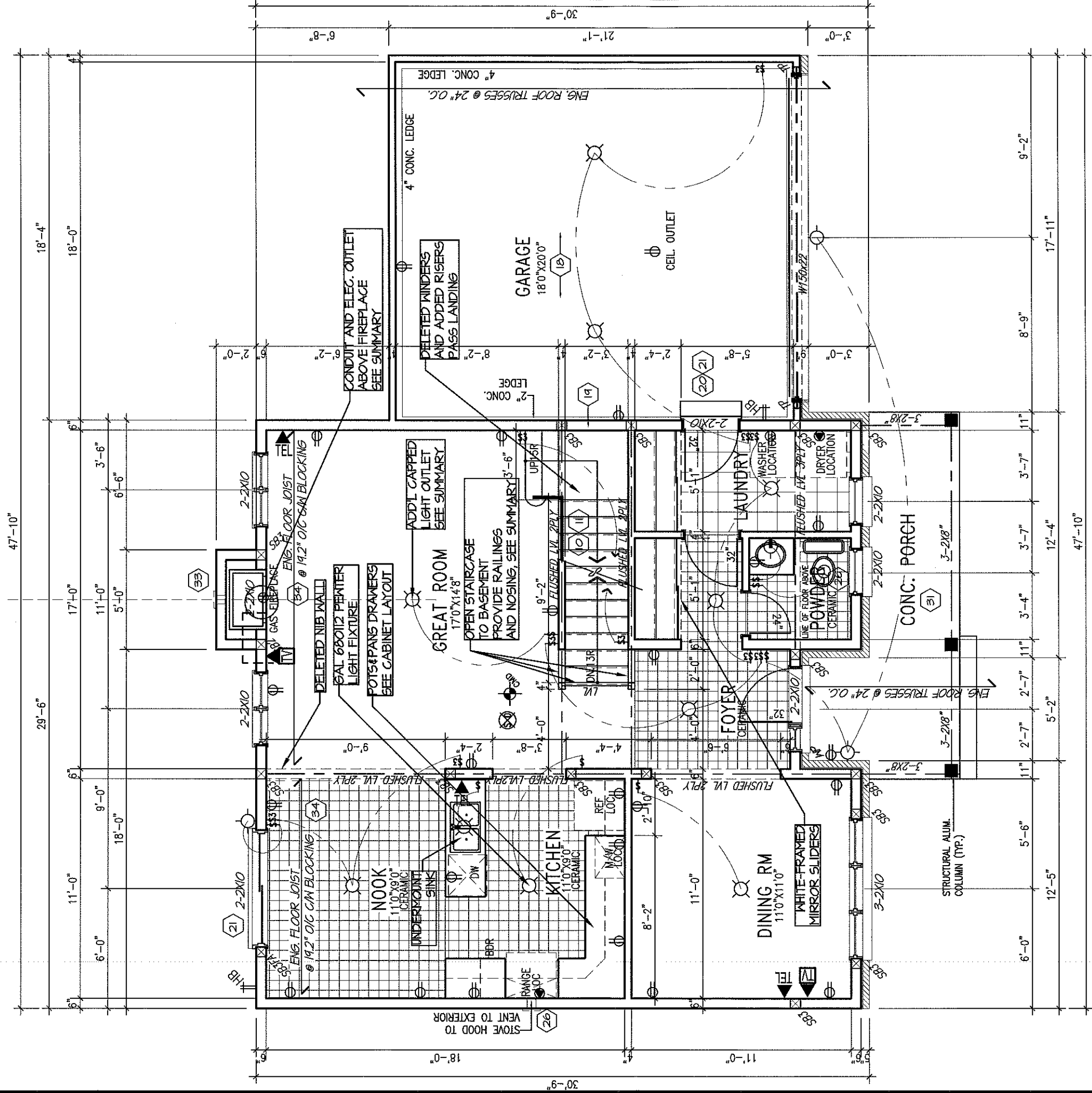
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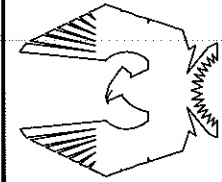
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2A	7		

Contractor must verify all dimensions on the job and report any discrepancy to D.C.R./Phoenix before proceeding with the work.
Drawings are NOT to be scaled.



GROUND FLOOR PLAN A
898 SQ FT



PHOENIX HOMES

TUSCANA-2011-A

SITE: **SHADOW RIDGE2**

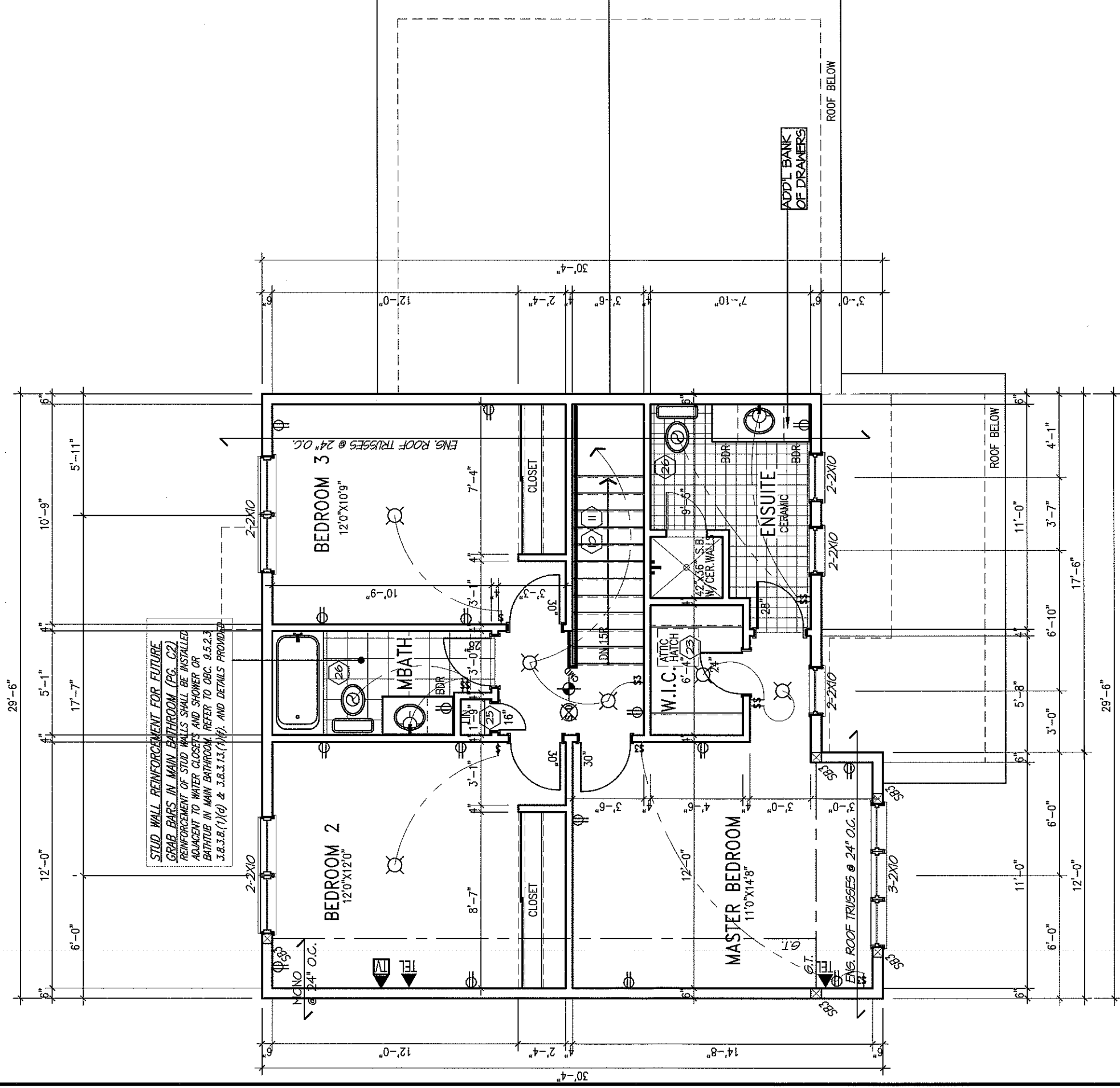
LOT NUMBER:
CIVIC ADDRESS:
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90

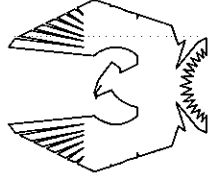
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2	REV. AS PER CONST. SUMMARY	DEC12-12	SD
1	REV. AS PER CONST. SUMMARY	NOV20-12	SD
REVISIONS			

footprint:	S6
drawn by:	TL
date:	NOV/11
scale:	3/16"=1'-0"
sheet no:	3A 7

Contractor must verify all dimensions on the job and report any discrepancy to D.C.R./Phoenix before proceeding with the work. Drawings are NOT to be scaled.



SECOND FLOOR PLAN A
842 SQ FT



PHOENIX HOMES

TUSCANA-2011-A

SITE: **SHADOW RIDGE 2**

LOT NUMBER:

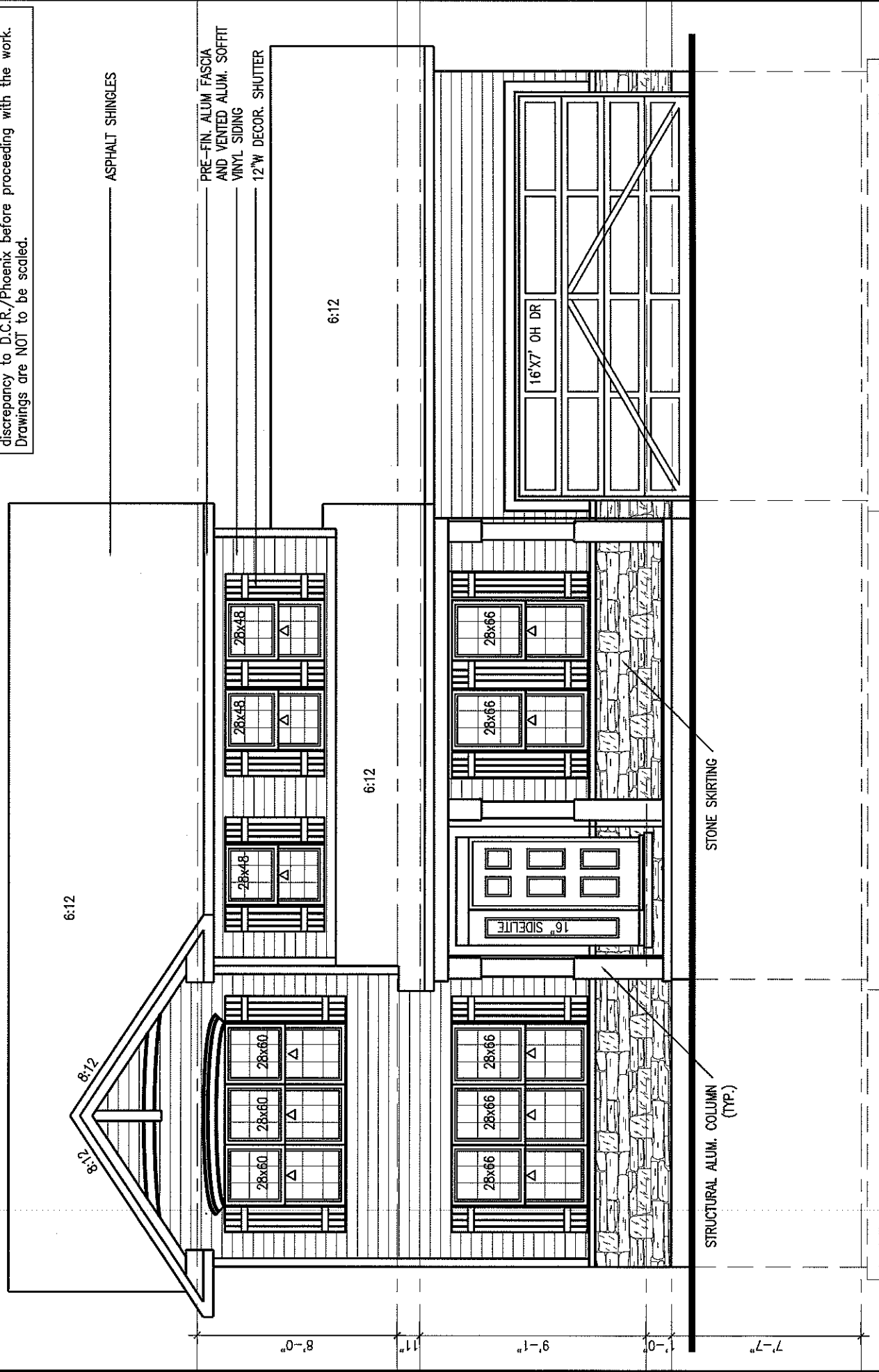
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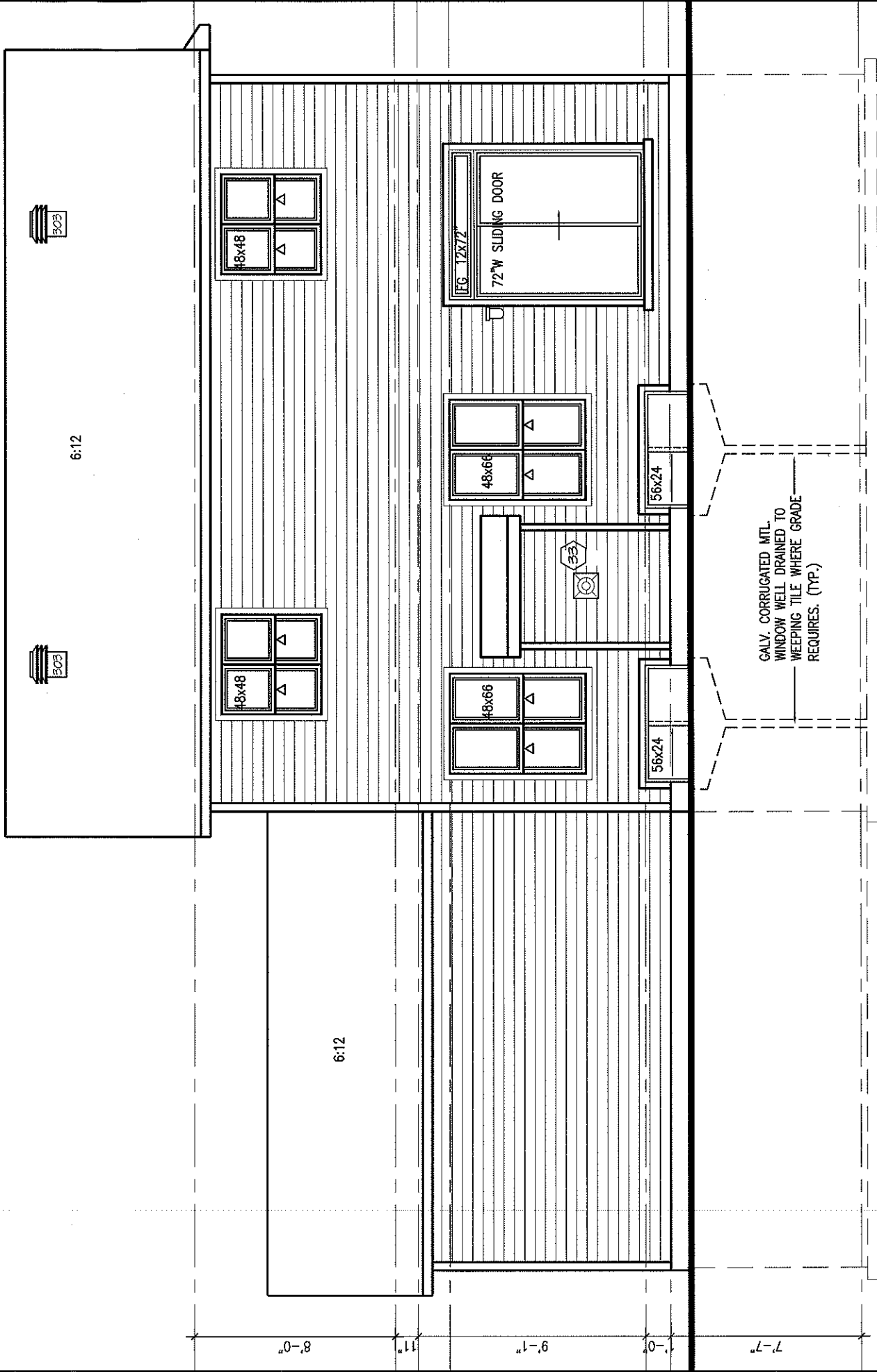
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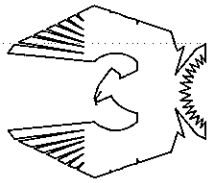
Contractor must verify all dimensions on the job and report any discrepancy to D.C.R./Phoenix before proceeding with the work. Drawings are NOT to be scaled.



FRONT ELEVATION A



REAR ELEVATION A



PHOENIX HOMES

TUSCANA-2011-A

SITE: SHADOW RIDGE2

LOT NUMBER:

CIVIC ADDRESS:

XXX

90

No. Description

REVISIONS

2 REV. AS PER CONST. SUMMARY

1 REV. AS PER CONST. SUMMARY

Date

By

DEC12-12

NOV20-12

SD

SD

Footprint: 56

drawn by: TL

date: NOV/11

scale: 3/16"=1'-0"

sheet no:

5A

7