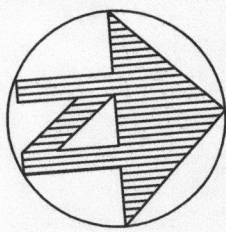


**1778 SW 26TH CT.
GRESHAM, OR. 97080**

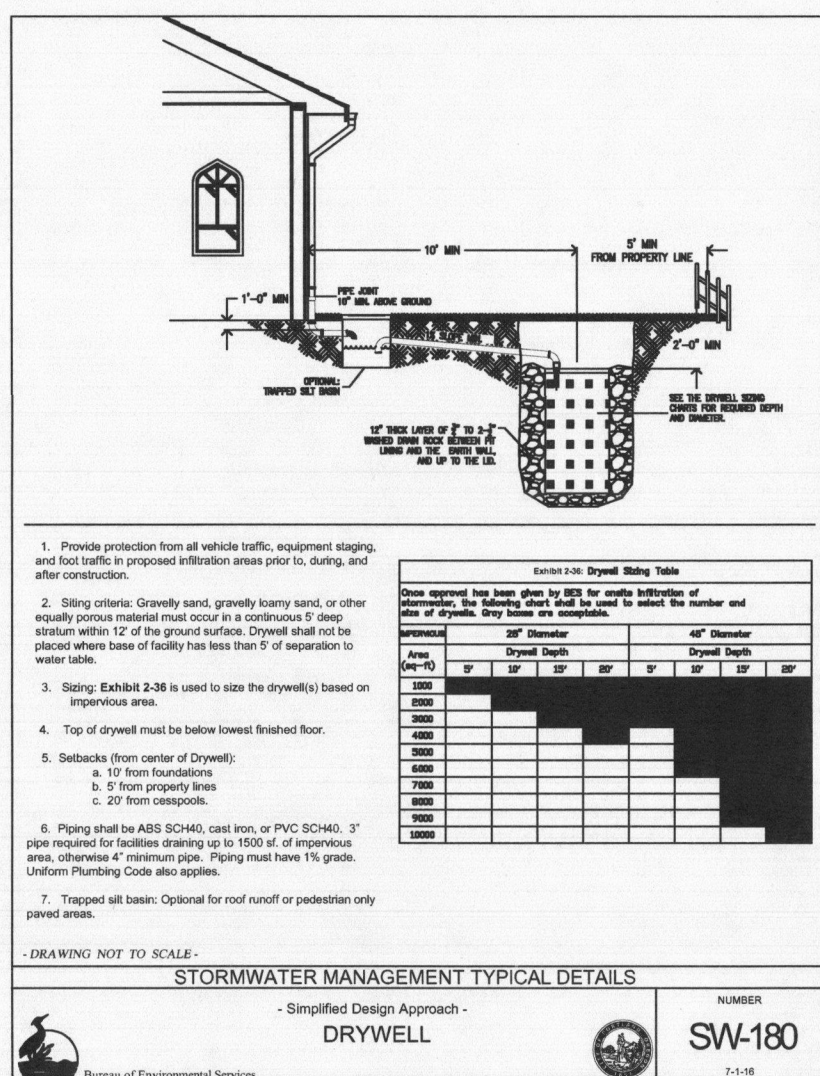


DRIVEWAY	290 SQ FT
PATIO	64 SQ FT
PORCH	28.0 SQ FT
HOUSE (INC. EAVES)	1102 SQ FT
TOTAL	1484.0 SQ FT

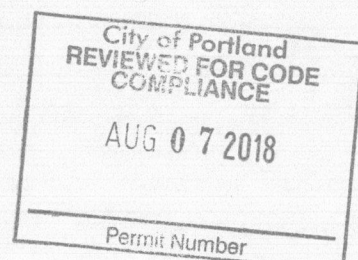
LOT AREA	4194 SQ FT
BLDG. AREA (NIC. EAVES)	969 SQ FT
<hr/>	
969 / 4194 =	23.1%
GARAGE=	210 SQ FT

- TREE MIN 2" CALIPER 6' TALL @ PLANTING
- SHRUBS AT LEAST 1-GALLON SIZE @ PLANTING
RH - RHODODENDRON (1 GAL.)
- REQUIRED MANUAL WATERING FOR THE FIRST YEAR

NO IRRIGATION (SELF WATERING)

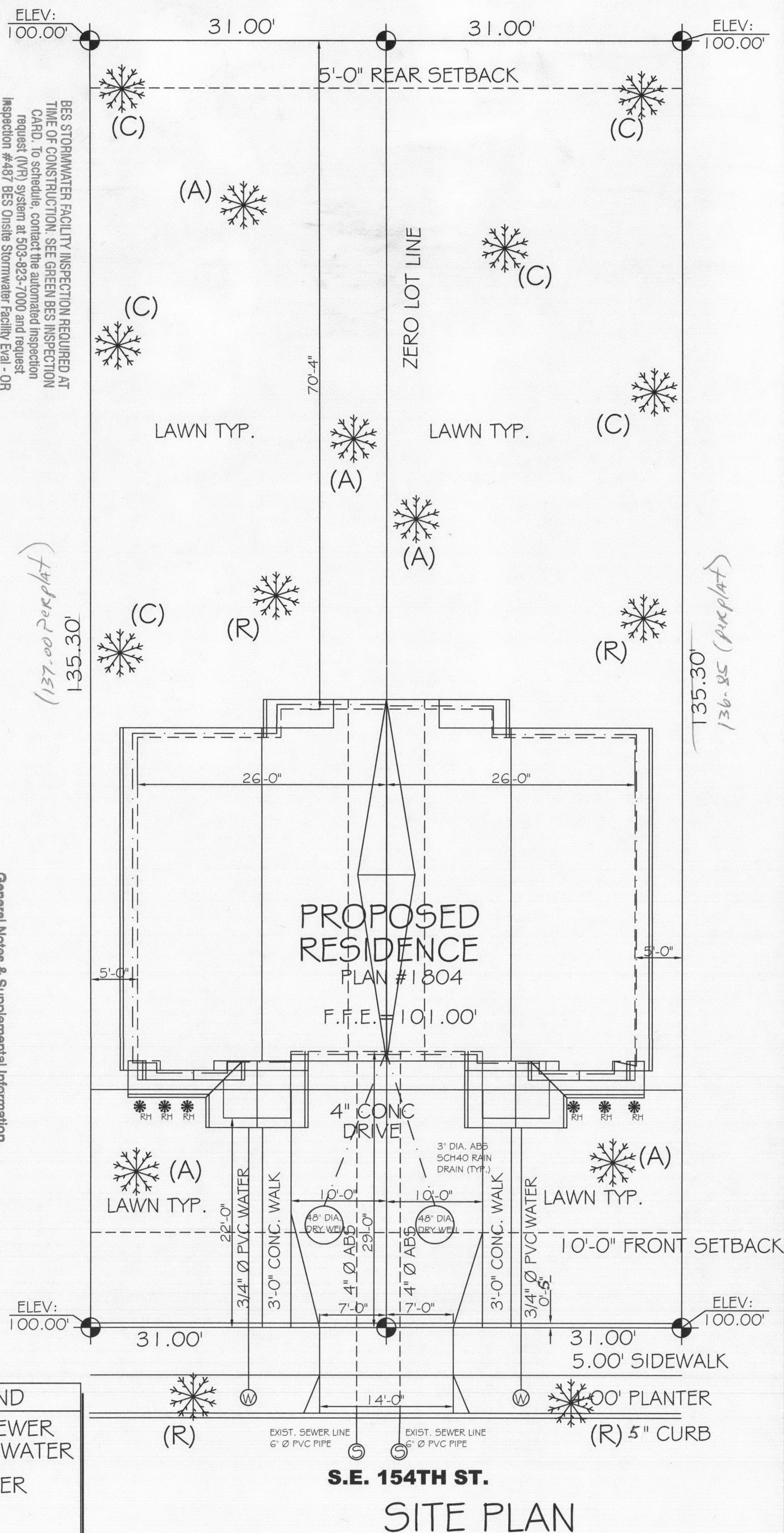


General Notes & Supplemental Information
The attached 8 1/2 x 11 sheets are part of this plan approval. Plans are considered null and void without this information attached to the approved set of plans.



LEGEND

Ⓢ	4" SEWER
Ⓦ	3/4" WATER
Ⓟ	POWER



DATE: **4-11-18**

DRAWN BY: **DENNIS TROXEL**

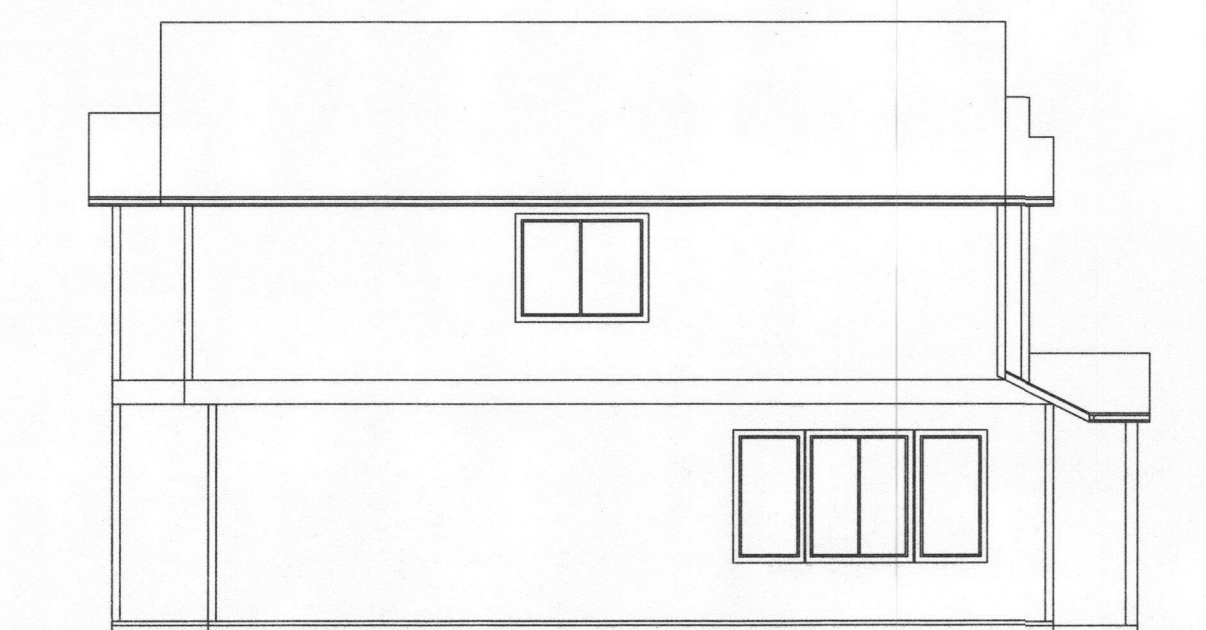
ADDRESS: ~~413-425 S.E. 154th~~ 443 SE 154th Ave & 445 SE 154th Ave

RECEIVED
MAY 11 2018



FRONT ELEVATION

SCALE: 1/4" = 1'-0"



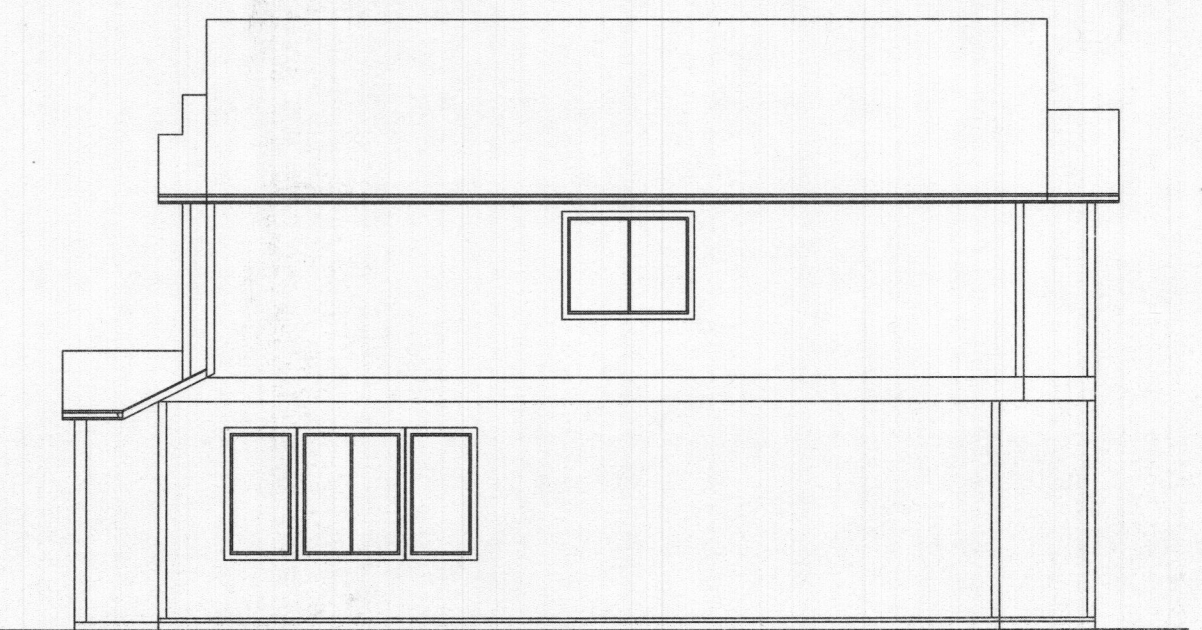
LEFT ELEVATION

SCALE: 1/8" = 1'-0"



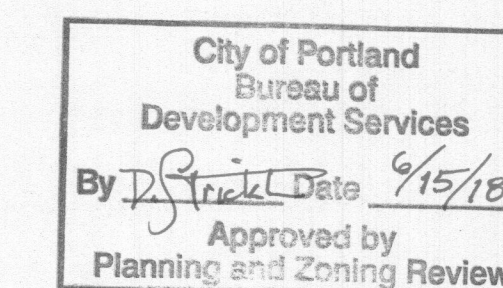
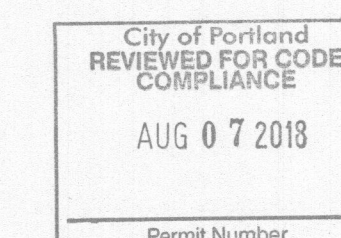
REAR ELEVATION

SCALE: 1/8" = 1'-0"



RIGHT ELEVATION

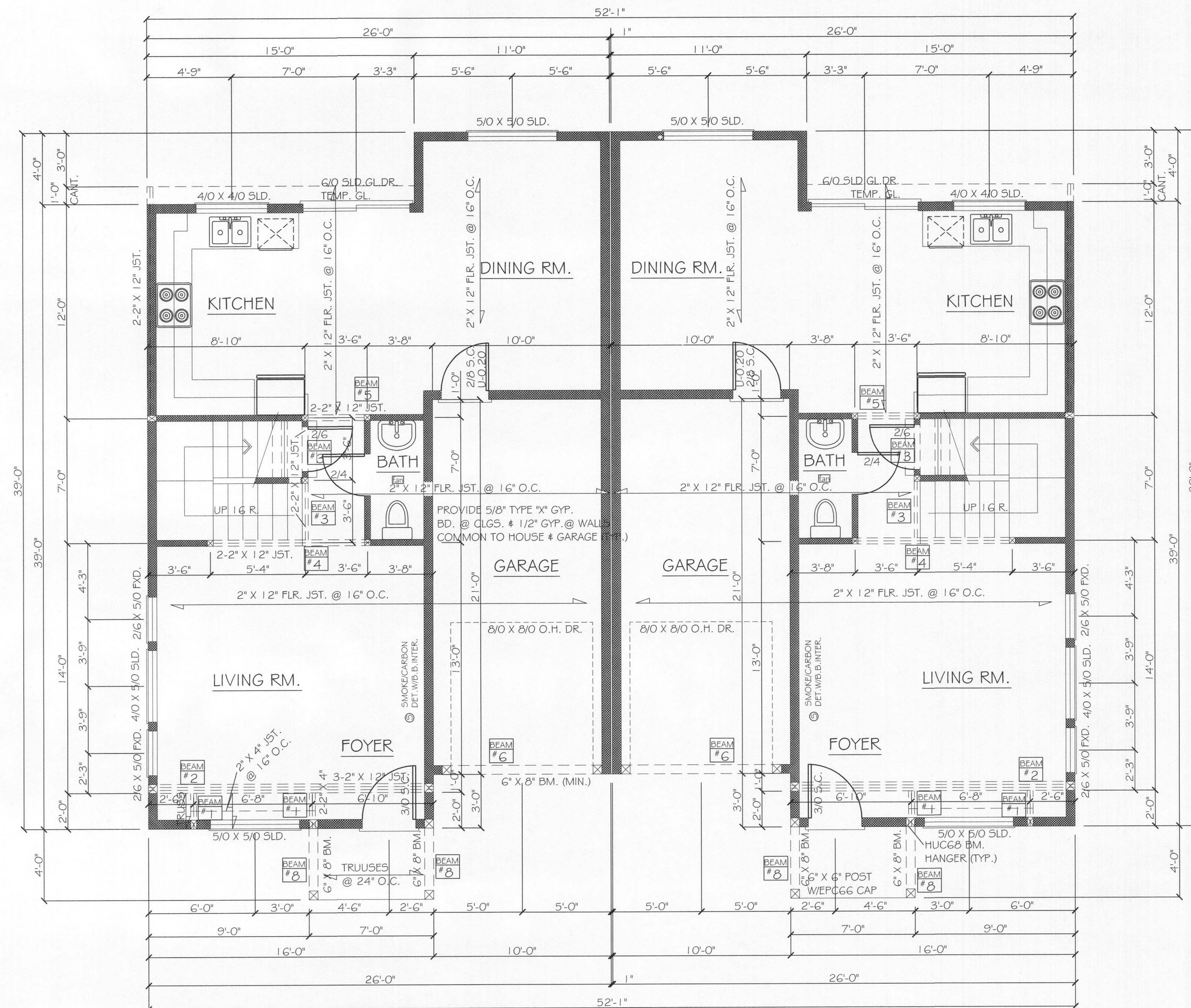
SCALE: 1/8" = 1'-0"



TROXEL'S HOME DESIGN	
SCALE: NOTED	DESIGNED BY: DENNIS TROXEL
DATE: 3/2/18	1778 SW 26TH CT. GRESHAM, OREGON 97030 (503) 665-2684
MAIN: 714 SQ FT	TOTAL: 1568 SQ FT
UPPER: 854 SQ FT	PLAN NUMBER: #1804
SHEET: 1	

Fire Code Approved Appeal #16539 Case #18-23
Require ROOFS, Non-Flammable Asphalt
Shingles, Non-Combustable Siding AND
Connect the Existing Street grids.

TABLE N1101.1(2) ADDITIONAL MEASURES	
ENVELOPE ENHANCEMENT MEASURE (SELECT ONE)	<input type="checkbox"/> (1) HIGH EFFICIENCY WALLS EXTERIOR WALLS - U-0.045/R-21 + R-5 CONTINUOUS
	<input checked="" type="checkbox"/> (2) UPGRADED FEATURES EXTERIOR WALLS - U-0.057/R-23 INTERMEDIATE OR R-21 ADVANCED. FRAMED FLOORS- U-0.026/R-38, AND WINDOWS - U-0.28 (AVERAGE UA)
	<input type="checkbox"/> (3) UPGRADED FEATURES EXTERIOR WALLS-U-0.055/R-23 INTERMEDIATE OR R-21 ADVANCED FLAT CEILING(S)- U-0.017/R-60 OR FRAMED FLOORS-U-0.026/R-38
	<input type="checkbox"/> (4) SUPER INSULATED WINDOWS AND ATTIC OR FRAMED FLOORS WINDOWS-U-0.22 (TRIPLE PANE LOW E) AND FLAT CEILING (E) -U-0.017 / R-60 OR FRAMED FLOORS-U-0.026/R-38
	<input type="checkbox"/> (5) AIR SEALING HOME AND DUCTS MANDATORY AIR SEALING OF ALL COVERINGS AT TOP PLATE AND AIR SEALING CHECKLIST (F), AND MECHANICAL WHOLE BUILDING VENTILATION SYSTEM WITH RATES MEETING M1503 OR ASHRAE 62.2, AND ALL DUCTS AND AIR HANDLERS CONTAINED WITHIN BUILDING ENVELOPE (D) OR ALL DUCTS SEALED WITH MASTIC (B)
	<input type="checkbox"/> (6) HIGH EFFICIENCY THERMAL ENVELOPE UA (G) PROPOSED UA IS 8 % LOWER THAN THE CODE UA
CONSERVATION MEASURE (SELECT ONE)	<input type="checkbox"/> (A) HIGH EFFICIENCY HVAC SYSTEM (A): GAS-FIRED FURNACE OR BOILER WITH MINIMUM AFUE OF 94%, OR AIR-SOURCE HEAT PUMP WITH MINIMUM HSPF OF 8.5 OR GROUND SOURCE HEAT PUMP WITH MINIMUM COP OF 3.5 OR ENERGY STAR RATED
	<input type="checkbox"/> (B) DUCTED HVAC SYSTEMS WITHIN CONDITIONED SPACE: ALL DUCTS AND AIR HANDLER ARE CONTAINED WITHIN BUILDING ENVELOPE (D) CANNOT BE COMBINED WITH MEASURE 5
	<input checked="" type="checkbox"/> (C) DUCTLESS HEAT PUMP DUCTLESS HEAT PUMP HSPF 10.0 IN PRIMARY ZONE OF DWELLING
	<input type="checkbox"/> (D) HIGH EFFICIENCY WATER HEATER (C): NATURAL GAS /PROPANE WATER HEATER WITH UEF 0.85 OR ELECTRIC HEAT PUMP WATER HEATER TIER 1 NORTHERN CLIMATE SPECIFICATION PRODUCT
(A) APPLIANCES LOCATED WITHIN THE BUILDING THERMAL ENVELOPE SHALL HAVE SEALED COMBUSTION AIR INSTALLED. COMBUSTION AIR SHALL BE DUCTED DIRECTLY FROM THE OUTDOORS. (B) ALL DUCT JOINTS AND SEAMS SEALED WITH LISTED MASTIC. TAPE IS ONLY ALLOWED AT APPLIANCE CONNECTIONS (FOR SERVICE OR REPLACEMENT). MEET SEALING CRITERIA OF PERFORMANCE TESTED COMFORT SYSTEMS PROGRAM ADMINISTERED BY THE BONNEVILLE POWER ADMINISTRATION (BPA) (C) RESIDENTIAL WATER HEATERS LESS THAN 55 GALLON STORAGE VOLUME (D) A TOTAL OF 5 % OF AN HVAC SYSTEM'S DUCTWORK SHALL BE PERMITTED OUTSIDE OF THE CONDITIONED SPACE DUCTS LOCATED OUTSIDE OF THE CONDITIONED SPACE SHALL HAVE INSULATION INSTALLED AS REQUIRED BY CODE (E) THE MAXIMUM VAULTED CEILING SURFACE AREA SHALL NOT BE GREATER THAN 50% OF THE TOTAL HEATED SPACE FLOOR AREA UNLESS VAULTED AREA HAS A U-FACTOR NO GREATER THAN U-0.026 (F) CONTINUOUS AIR BARRIER. ADDITIONAL REQUIREMENT FOR SEALING OF ALL VERTICAL COVERINGS TO TOP PLATE FRAMING. SEALING WITH FOAM GASKET, CAULK, OR OTHER APPROVED SEALANT LISTED FOR SEALING WALL COVERING MATERIAL TO STRUCTURAL MATERIAL. (EXAMPLE : GYPSUM TO WOOD STUD FRAMING) (G) TABLE N1104.1(1) STANDARD BASE CASE DESIGN. CODE UA SHALL BE 8% LESS THAN THE PROPOSED UA. BUILDINGS WITH PENETRATION LESS THAN 15% OF THE TOTAL VERTICAL WALL AREA MAY ADJUST THE CODE UA	



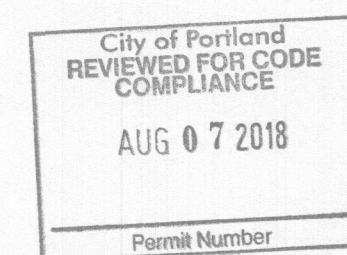
ALL OF THE PERMANENTLY INSTALLED
LIGHTING FIXTURES SHALL CONTAIN
HIGH-EFFICIACY LAMPS. SCREW IN
COMPACT FLUORESCENT AND LED LAMPS
COMPLY WITH THIS REQUIREMENT.
THE BUILDING OFFICIAL SHALL BE NOTIFIED
IN WRITING AT THE FINAL INSPECTION THAT
THE PERMANENTLY INSTALLED LIGHTING
FIXTURES HAVE MET THIS REQUIREMENT
EXCEPTION: TWO PERMANENTLY INSTALLED
FIXTURES ARE NOT REQUIRED TO HAVE
HIGH-EFFICIACY LAMPS

ALL ELECTRICAL TO MEET OR
EXCEED CURRENT MINIMUM
CODE REQUIREMENTS AND
IS TO BE DECIDED BY OWNER

PROVIDE DRYER VENT W/4" DIA.
MIN. THE VENT MUST REACH TO
OUTSIDE WALLS AND TERMINATE
NO CLOSER THAN 3'-0" TO ANY
OPENING INTO RESIDENCE

ALL WINDOW & EXT. DR. HEADERS
TO BE 6" X 12" UNLESS NOTED
OTHERWISE

ALL ROOMS CONTAINING BATHING
OR SPA FACILITIES SHALL BE PROVIDED
WITH MECHANICAL VENTILATION WHICH
SHALL BE DESIGNED AND INSTALLED IN
ACCORDANCE WITH SECTION M1507.4

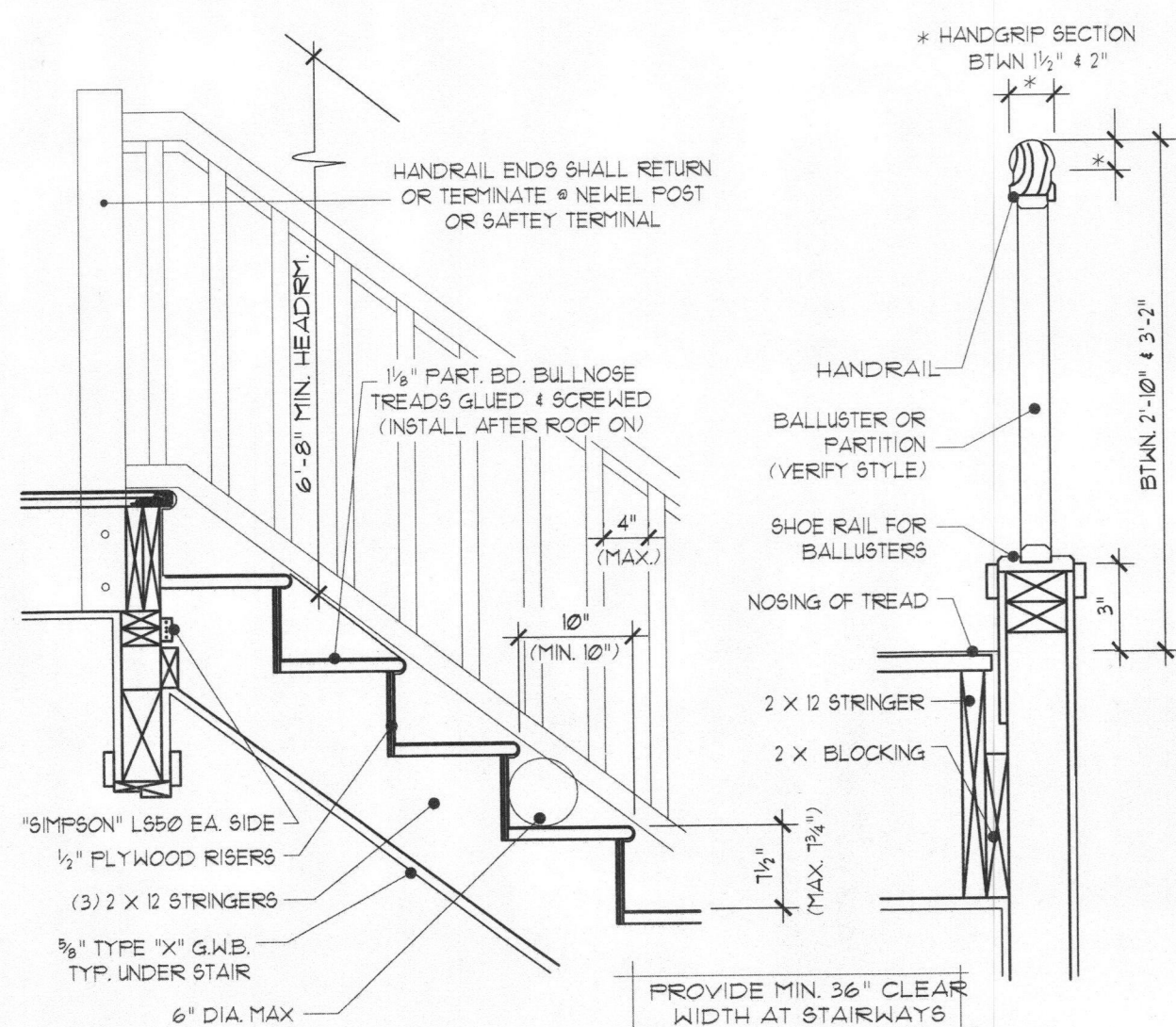


MAIN FLOOR PLAN

SCALE: 1/4" = 1'-0"

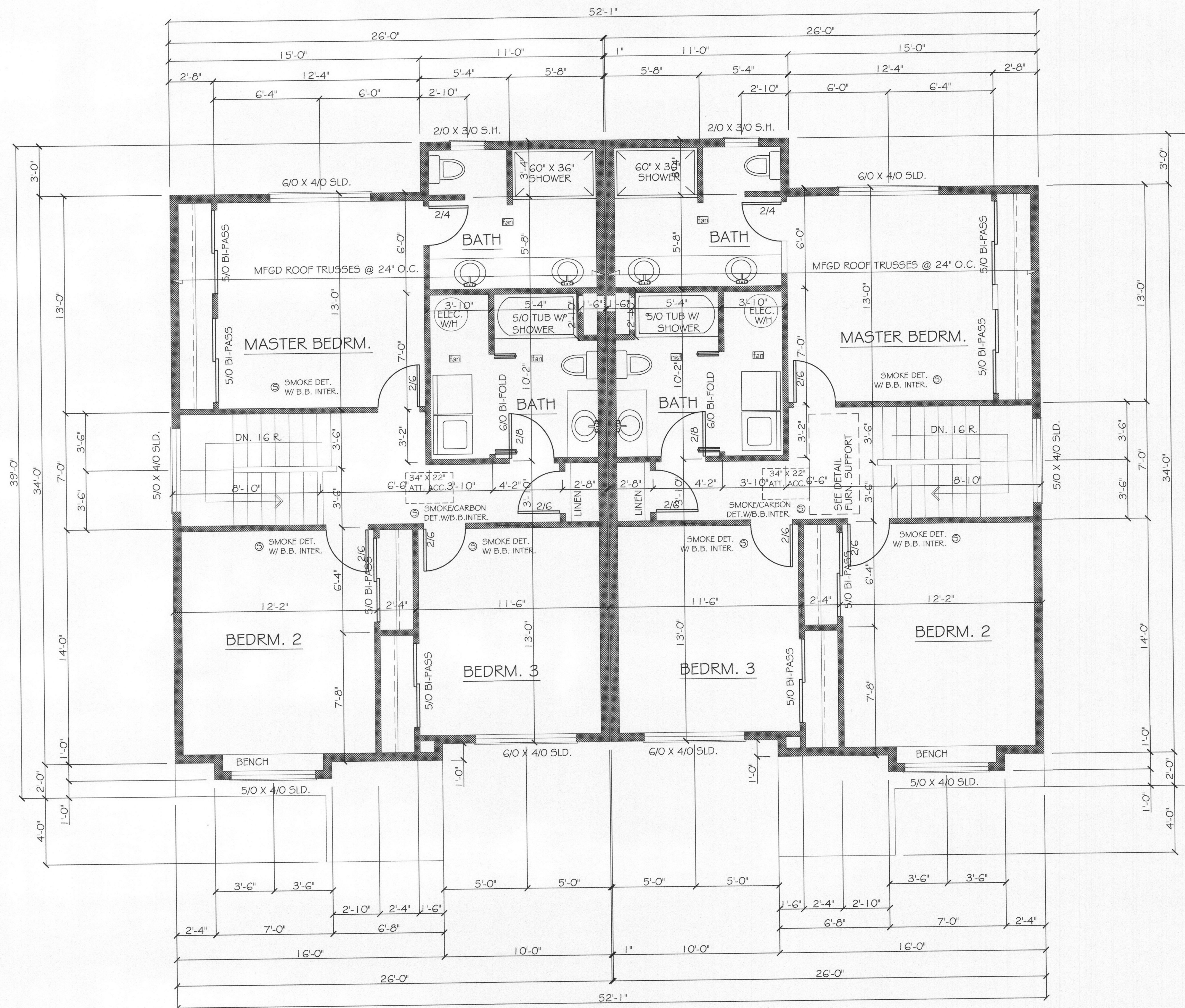
TROXEL'S HOME DESIGN

SCALE: NOTED	1778 SW 26TH CT. GRESHAM, OREGON 97030 (503) 665-2664	DESIGNED BY: DENNIS TROXEL
DATE 3/2/18		
MAIN: 714 SQ FT	TOTAL: 1568 SQ FT	
UPPER: 854 SQ FT		
THIS PLAN SET HAS BEEN AUTHORIZED FOR THE CONSTRUCTION OF ONE BUILDING BY THE ORIGINAL PURCHASER. AUTHORIZED COPIES OF THIS PLAN MUST HAVE A RED INKED STAMP ON ALL SHEETS.		
SHEET: 2	PLAN NUMBER: #1804	



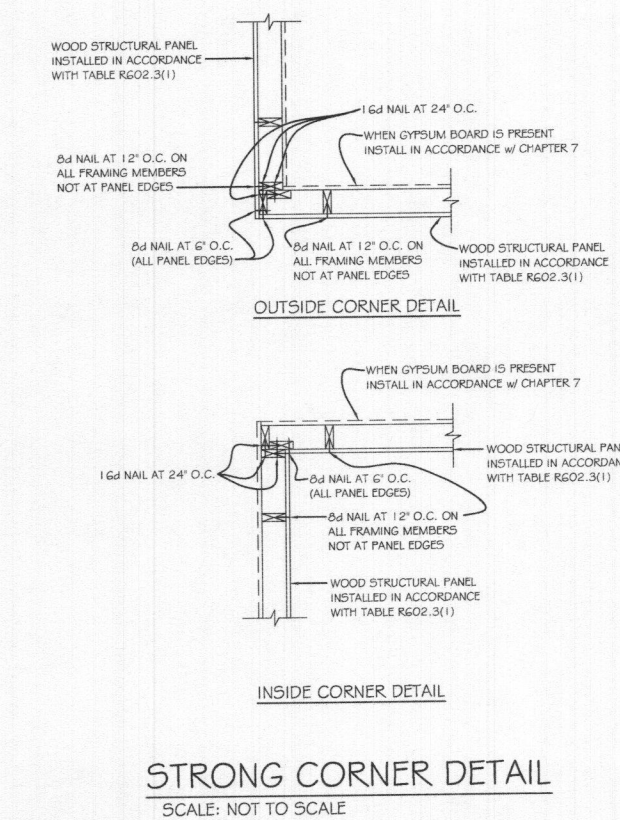
STAIR DETAIL

SCALE : 3/4" = 1'-0"



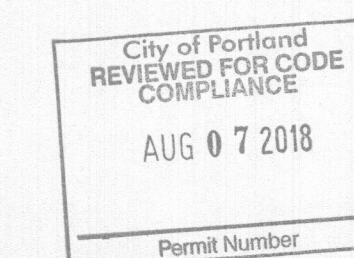
UPPER FLOOR PLAN

SCALE: 1/4" = 1'-0"



INTERMEDIATE FRAMING
FOR EXTERIOR WALLS

- 1) WALLS SHALL BE FRAMED W/ 2" X 6" STUDS @ 16" O.C.
- 2) CORNERS & INTERSECTIONS W/ EXTERIOR WALLS & CEILING CORNERS SHALL BE FULLY INSULATED THROUGH THE USE OF THREE-STUD CORNERS CONFIGURED TO ALLOW FULL INSULATION INTO THE CORNER, OR 2 STUD CORNERS & DRYWALL BACKUP CLIPS OR OTHER APPROVED TECHNIQUES. INTERSECTIONS OF INTERIOR PARTITION WALL W/ EXTERIOR WALLS SHALL BE FULLY INSULATED THROUGH THE USE OF SINGLE BACKER BOARDS, MID-HEIGHT BLOCKING W/ DRYWALL CLIPS OR OTHER APPROVED TECHNIQUE.
- 3) HEADERS
ALL HEADERS ON EXTERIOR WALLS LESS THAN FULL DEPTH OF WALL SHALL HAVE RIGID INSULATION EQUAL TO R-4 FOR EACH 1" OF THICKNESS LESS THAN FULL DEPTH.



TROXEL'S HOME DESIGN			
SCALE: NOTED	1778 SW 26TH CT. GRESHAM, OREGON 97030 (503) 665-2684	DESIGNED BY: DENNIS TROXEL	
DATE: 3/2/18	MAIN: 714 SQ FT UPPER: 854 SQ FT	TOTAL: 1568 SQ FT	
THIS PLAN SET HAS BEEN AUTHORIZED FOR THE CONSTRUCTION OF ONE BUILDING BY THE ORIGINAL PURCHASER. AUTHORIZED COPIES OF THIS PLAN MUST HAVE A RED INKED STAMP ON ALL SHEETS.		SHEET: 3	PLAN NUMBER: #1804

CRAWL SPACE REQ.

- ☒ (1) **PASSIVE SUB-MEMBRANE DEPRESSURIZATION SYSTEM**
VENTILATION: CRAWL SPACES SHALL BE PROVIDED WITH VENTS TO THE EXTERIOR OF THE BUILDING THE MINIMUM NET AREA OF VENTILATION OPENINGS SHALL COMPLY WITH SECTION R408.1 OF THIS CODE. **SOIL-GAS-RETARDER:** THE SOIL IN CRAWL SPACES SHALL BE COVERED WITH A CONTINUOUS LAYER OF MINIMUM 6-MIL (0.15 MM) POLYETHYLENE SOIL-GAS-RETARDER. JOINTS AND SEAMS SHALL BE SEALED WITH A MINIMUM 1/2 INCHES (12.7 MM) AT JOINTS AND SHALL BE AT ALL FOUNDATION WALLS ENCLOSING THE CRAWL SPACE AREA. **VENT PIPE:** A PLUMBING TEE OR OTHER APPROVED CONNECTION SHALL BE INSERTED HORIZONTALLY BENEATH THE SHEETING AND CONNECTED TO A 3- OR 4-INCH-DIAMETER (76 MM OR 102 MM) FITTING WITH A VERTICAL VENT PIPE INSTALLED THROUGH THE SHEETING. THE VENT PIPE SHALL BE EXTENDED UP THROUGH THE BUILDING FLOORS, TERMINATING AT LEAST 12 INCHES (305 MM) ABOVE THE EXHAUST LOCATION AT LEAST 10 FEET (3048 MM) AWAY FROM ANY WINDOW OR OTHER OPENING INTO THE CONDITIONED SPACES OF THE BUILDING THAT IS LESS THAN 2 FEET (610 MM) BELOW THE EXHAUST POINT, AND 10 FEET (3048 MM) FROM ANY WINDOW OR OTHER OPENING IN ADJOINING OR ADJACENT BUILDINGS.
- ☐ (2) **CRAWL SPACE VENTILATION AND BUILDING TIGHTNESS**
VENTILATION: CRAWL SPACES SHALL BE PROVIDED WITH VENTS TO THE EXTERIOR OF THE BUILDING THAT COMPLY WITH SECTION R408.1 OF THIS CODE. THE MINIMUM NET AREA OF VENTILATION OPENINGS SHALL NOT BE LESS THAN 1 SQ. FT. (0.0929 M²) FOR EACH 150 SQ. FT. (14 M²) OF UNDERFLOOR SPACE AREA. **VENTILATION OPENINGS:** VENTILATION OPENINGS SHALL COMPLY WITH SECTION R408.2. OPERABLE LOUVERS, DAMPERS, OR OTHER MEANS TO TEMPORARILY STOP THE VENTILATION SHALL NOT BE PERMITTED. **BUILDING TIGHTNESS:** DWELLING UNITS SHALL BE TESTED WITH A SLOWER DOOR, DEPRESSURIZING THE DWELLING TO 50 PASCALES FROM AMBIENT CONDITIONS AND FOUND TO EXHIBIT NO MORE THAN 5.0 AIR CHANGES PER HOUR. A MECHANICAL EXHAUST, SUPPLY, OR COMBINATION VENTILATION SYSTEM PROVIDING WHOLE-BUILDING VENTILATION RATES SPECIFIED IN TABLE N1101.1(3) OR ASHRAE 62.2 SHALL BE INSTALLED WITHIN THE DWELLING UNIT.
- ☐ (3) **MECHANICAL CRAWL SPACE VENTILATION**
INSTALLATION: CONTINUOUSLY OPERATED VENTILATION FAN. THE SYSTEM SHALL BE DESIGNED TO HAVE A CAPACITY TO EXHAUST A MINIMUM OF 1.0 cfm (0.5 L/s) FOR EACH 50 SQUARE FEET (4.68 M²) OF UNDERFLOOR AREA. POTENTIAL RADON ENTRY ROUTES SHALL BE CLOSED IN ACCORDANCE WITH SECTIONS AF103.4.1 THROUGH AF103.4.10.

SLAB REQ.

AF103.6 PASSIVE SUBSLAB DEPRESSURIZATION SYSTEM.

IN BASEMENT OR SLAB-ON-GRADE BUILDINGS, THE FOLLOWING COMPONENTS OF A PASSIVE SUB-SLAB DEPRESSURIZATION SYSTEM SHALL BE INSTALLED DURING CONSTRUCTION.

AF106.3.1 VENT PIPE.

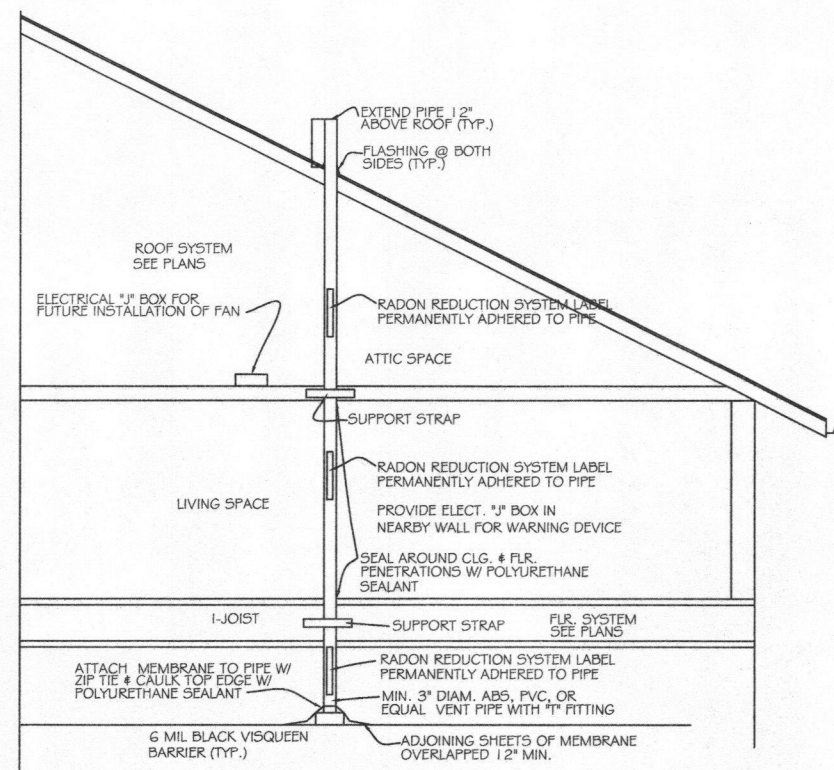
A MINIMUM 3-INCH-DIAMETER (76 MM) ABS, PVC OR EQUIVALENT GAS-TIGHT PIPE SHALL BE EMBEDDED VERTICALLY INTO THE SUB-SLAB AGGREGATE OR OTHER PERMEABLE MATERIAL BEFORE THE SLAB IS CAST. (SELECT ONE OF THE FOLLOWING)

- ☐ (1) A T¹ FITTING OR EQUIVALENT METHOD SHALL BE USED TO ENSURE THAT THE PIPE OPENING REMAINS WITHIN THE SUB-SLAB PERMEABLE MATERIAL.
- ☐ (2) A 3-INCH (76 MM) PIPE SHALL BE INSERTED DIRECTLY INTO AN INTERIOR PERIMETER DRAIN TILE LOOP.
- ☐ (3) OR THROUGH A SEALED JUMP COVER WHERE THE SUMP IS EXPOSED TO THE SUB-SLAB AGGREGATE OR CONNECTED TO IT THROUGH A DRAINAGE SYSTEM.

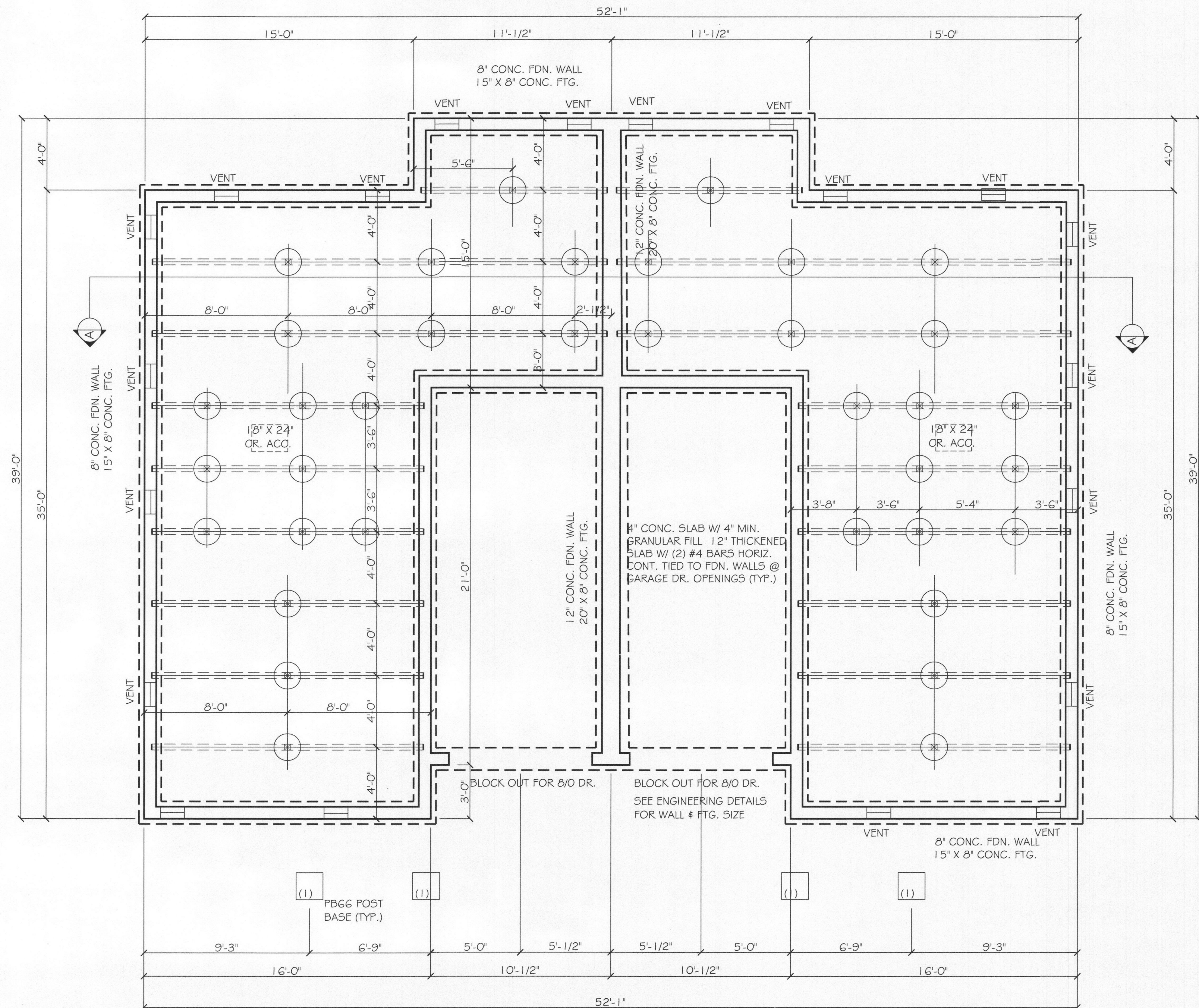
THE PIPE SHALL BE EXTENDED UP THROUGH THE BUILDING FLOORS, TERMINATE AT LEAST 12 INCHES (305 MM) ABOVE THE SURFACE OF THE ROOF IN A LOCATION AT LEAST 10 FEET (3048 MM) AWAY FROM ANY WINDOW OR OTHER OPENING INTO THE CONDITIONED SPACES OF THE BUILDING THAT IS LESS THAN 2 FEET (610 MM) BELOW THE EXHAUST POINT, AND 10 FEET (3048 MM) FROM ANY WINDOW OR OTHER OPENING IN ADJOINING OR ADJACENT BUILDINGS.

AF103.6.2 MULTIPLE VENT PIPES.

IN BUILDINGS WHERE INTERIOR FOOTINGS OR OTHER BARRIERS SEPARATE THE SUB-SLAB AGGREGATE OR OTHER GAS-PERMEABLE MATERIAL, EACH AREA SHALL BE FITTED WITH AN INDIVIDUAL VENT PIPE. VENT PIPES SHALL CONNECT TO A SINGLE VENT THAT TERMINATES ABOVE THE ROOF OR EACH INDIVIDUAL VENT PIPE SHALL TERMINATE SEPARATELY ABOVE THE ROOF.



RADON DETAIL



FOOTING SYMBOL	FOOTING SIZE	REINF. SPECS.
1	18 x 18 x 8 CONC. FTG.	NONE
2	24 x 24 x 10 CONC. FTG.	(2) #4 BARS EACH WAY
3	30 x 30 x 10 CONC. FTG.	(3) #4 BARS EACH WAY
4	33 x 33 x 10 CONC. FTG.	(3) #4 BARS EACH WAY
5	36 x 36 x 10 CONC. FTG.	(3) #4 BARS EACH WAY
6	39 x 39 x 10 CONC. FTG.	(3) #4 BARS EACH WAY
7	42 x 42 x 10 CONC. FTG.	(4) #4 BARS EACH WAY
8	45 x 45 x 10 CONC. FTG.	(4) #4 BARS EACH WAY
9	48 x 48 x 10 CONC. FTG.	(4) #5 BARS EACH WAY
10	51 x 51 x 10 CONC. FTG.	(4) #5 BARS EACH WAY
11	54 x 54 x 12 CONC. FTG.	(4) #5 BARS EACH WAY
12	57 x 57 x 12 CONC. FTG.	(4) #5 BARS EACH WAY
13	60 x 60 x 12 CONC. FTG.	(5) #5 BARS EACH WAY

NOTES:

- 1: FOOTING REINFORCING TO BE LOCATED 3" CLEAR FROM BOTTOM OF FOOTING.
- 2: IF FOOTING IS POURED INTEGRALLY WITH SLAB, SLAB THICKNESS MAY BE INCLUDED IN FOOTING DEPTH REQTS. RUN SLAB REINFORCING THROUGH FOOTING AREA.
- 3: 28-DAY MINIMUM CONCRETE STRENGTH = 2500psi.
- 4: REINFORCING STEEL: ASTM A615 GR. 60.

GENERAL NOTES:

4" X 8" GIRDERS ON
4" X 4" POST ON
18" RD. X 8" CONC. FTG.

PROVIDE 3" MIN. BRG. @ BM. POCKET
ON 55# A.S. FELT W/ 1/2" AIR SPACE @
SIDES AND ENDS (TYP.)

COVER ENTIRE AREA AND 12" UP
WALLS W/ 6 MIL BLACK POLY AND
PROVIDE 18" MIN. BM. TO GRADE CLEARANCE

ALL WOOD IN DIRECT CONTACT W/ CONC. TO
BE P.T. WOOD (TYP.)

PROVIDE LOW AREA DRAIN (TYP.)

FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

City of Portland
REVIEWED FOR CODE
COMPLIANCE
AUG 07 2018
Permit Number

TROXEL'S HOME DESIGN

SCALE: NOTED	1778 SW 26TH CT.	DESIGNED BY:
DATE 3/2/18	GRESHAM, OREGON 97080	DENNIS TROXEL
	(503) 665-2684	

MAIN: 714 SQ FT
UPPER: 854 SQ FT TOTAL: 1568 SQ FT

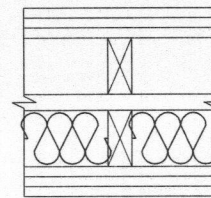
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SHEET: 4

PLAN NUMBER:
#1804

WP 3820

1/2" PLYWD. SHEATHING
BASE LAYER 5/8" TYPE "X" GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED AT RIGHT ANGLES TO EACH SIDE OF DOUBLE ROW OF 2X4 WOOD STUDS 16" O.C. ON SEPARATE PLATES 1" APART WITH 6d COATED NAILS. 1 7/8" LONG, 0.085" SHANK, 1/4" HEADS, 24" O.C. FACE LAYER 5/8" TYPE "X" GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED AT RIGHT ANGLES TO EACH SIDE WITH 6d COATED NAILS. 2 3/8" LONG, 0.100" SHANK, 1/4" HEADS, 8" O.C.
JOINTS STAGGERED 16" EACH LAYER AND SIDE. SOUND TESTED WITH 3 1/2" GLASS FIBER INSULATION STAPLED TO STUDS IN STUD SPACES ON ONE SIDE AND WITH NAILS FOR BASE LAYER SPACED 6" O.C. 2X6 HORIZONTAL BRACING REQUIRED AT MID-HEIGHT OF WALL. (LOAD BEARING)



2 1 HR. RATED WALLS TO BE CONT. FROM FLR. SYSTEM TO ROOF SHTHG. AND CONT. BEHIND TUBS, SHOWERS, CABINETS, ELECTRICAL PANELS, AND ETC.

ALL CRICKETS OVER 30" IN HEIGHT MUST BE RATED. ANY CRICKET LESS THAN 30" THE BUILDER HAS CHOICE AS NOTED BELOW.

IF USING UNRATED CRICKET, PROVIDE 2-LAYERS OF TYPE "X" GYP. BD. AT CLG. FOR A MIN. OF 48" FROM PROPERTY LINE OR FIRE RESISTIVE PLYWD. 48" FROM LINE OR 3/8" MIN. PLYWD. ON 1/2" GYP. BD. ON 1/2" CDX. PLYWD SHTHG. 48" FROM LINE

IF USING RATED CRICKET, THEN CRICKET MUST HAVE FIRE RETARDANT TREATED PLYWD. OR TYPE "X" GYP. BD. FOR 48" FROM PROPERTY LINE.

PROVIDE 1/8" GAP (RAIN SCREENS) BEHIND THE SIDING & FLASHING @ THE WINDOWS BY USING ONE LAYER OF #15 ASPHALT FELT, FREE FROM HOLES OR BREAKS & COMPLYING W/ASTM D 226 FOR TYPE 1 FELT OR OTHER APPROVED WATER-RESISTIVE BARRIER PER MFGS. SPECS.

PRIOR TO INSTALLATION OF INTERIOR FINISHES ALL MOISTURE -SENSITIVE WOOD FRAMING MEMBERS USED IN CONSTRUCTION MUST HAVE A MOISTURE CONTENT OF NOT MORE THAN 19% OF THE WEIGHT OF DRY WOOD FRAMING MEMBERS

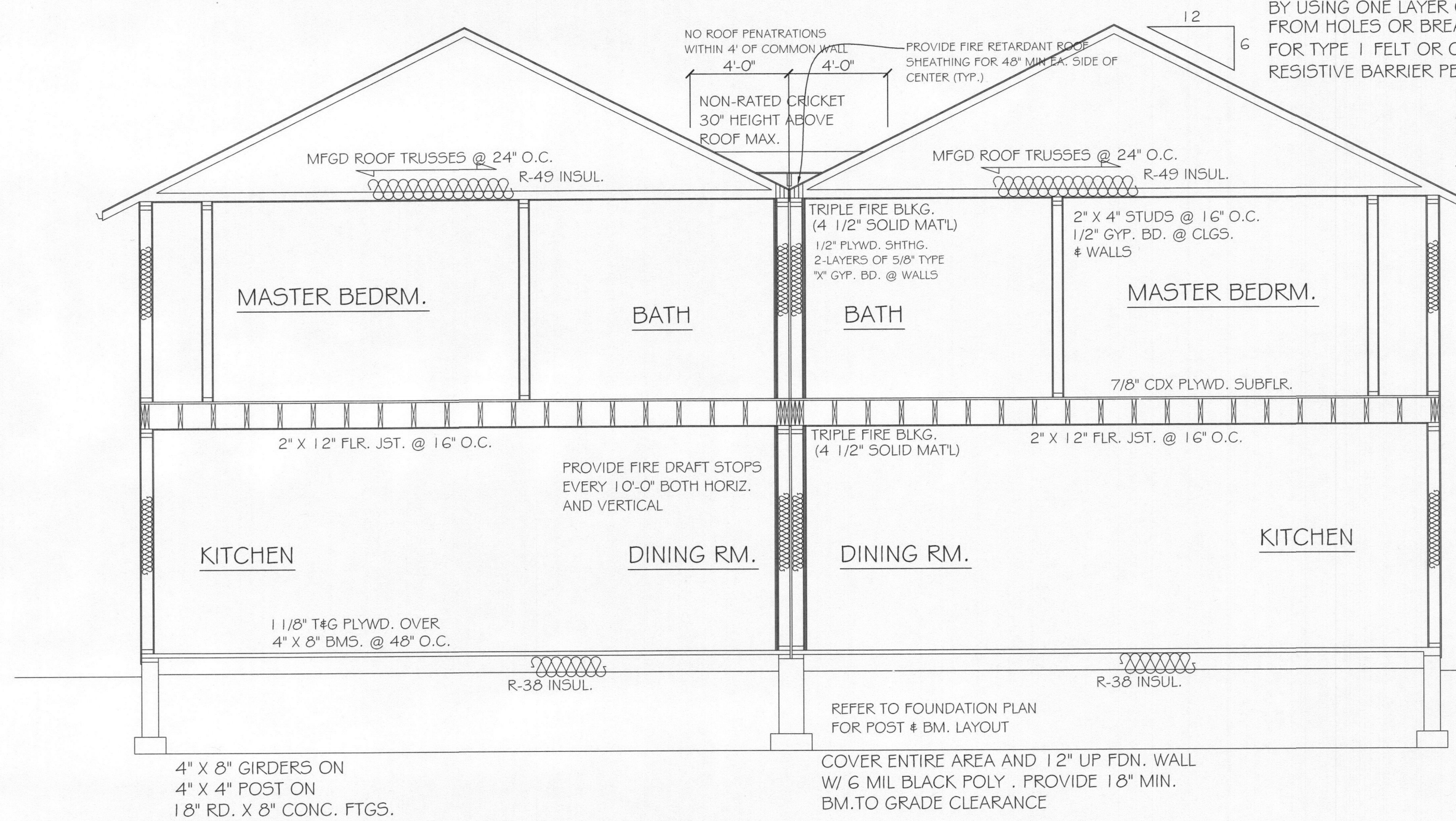
PROVIDE SIMPSON H2.5T SEISMIC CLIPS @ EA. RAFTER OR TRUSS (TYP.)

2" X BLKG. W/ SCR. VENTS @ 48" O.C. (TYP.) PROVIDE INSUL. BAFFLES AS REQD.

2" X 6" STUDS @ 16" O.C.
R-23 INSUL.
TYVEK WRAP

2" X 6" P.T. PLATE W/ 1/2" A.B. @ 48" O.C. MIN. OF 2 PER PLATE & WITHIN 12" OF ANY CORNER OR OPENING. PROVIDE 7" MIN. EMBEDMENT (TYP.)

PROVIDE 18" MIN. GRADE TO BOTTOM OF FTG. (TYP.)



CROSS SECTION A-A

SCALE: 1/4" = 1'-0"



TROXEL'S HOME DESIGN

SCALE: NOTED DATE 3/2/18	1778 SW 26TH CT. GRESHAM, OREGON 97080 (503) 665-2684	DESIGNED BY: DENNIS TROXEL
MAIN: 714 SQ FT UPPER: 854 SQ FT	TOTAL: 1568 SQ FT	PLAN NUMBER: #1804
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SHEET: 5		

LOCATION: TROXEL #1804 OREGON CITY, OREGON
LATERAL ANALYSIS AND DESIGN FOR ROW HOUSE (SINGLE FAMILY RESIDENCE, STRUCTURALLY INDEPENDENT)

CODE: 2014 OSSC
USE OR OCCUPANCY OF BUILDINGS AND STRUCTURES RISK CATEGORY (ASCE TABLE 1.5-1): II
WIND SPEED V_{ult} : 120 MPH EXPOSURE 'B', V_{asd} = 93 MPH (OSSC EQUATION 16-33)
SEISMIC DESIGN CATEGORY: 'D'
GROUND SNOW LOAD: 25 PSF [ROOF SNOW LOAD: 25 PSF]
ROOF DEAD LOAD: 15 PSF
FLOOR LIVE LOAD: 40 PSF
FLOOR DEAD LOAD: 10 PSF
SOIL BEARING PRESSURE: 1500 PSF
SOIL PASSIVE SOIL PRESSURE: 200 PSF

- (1) WALL STUDS TO BE 2X6 DFL-#2 @ 16" O.C., TYPICAL U.N.O.
- (2) ROOF SHEATHING TO BE 3/4" APA RATED CDX SHEATHING OR OSB. INSTALL PANELS HORIZONTALLY. SPACE 8d NAILS MAXIMUM 6" O.C. ALONG PANEL EDGES. FOR OTHER CONDITIONS, SPACE 8d NAILS MAXIMUM 12" O.C. ON INTERMEDIATE SUPPORTS.
- (3) TYPICAL WALL SHEATHING (TSN) TO BE 3/4" APA RATED CDX SHEATHING OR OSB. ALL PANEL EDGES TO BE BACKED WITH 2-INCH NOMINAL OR WIDER FRAMING. INSTALL PANELS HORIZONTALLY OR VERTICALLY. SPACE 8d NAILS MAXIMUM 6" O.C. ALONG PANEL EDGES. FOR OTHER CONDITIONS AND PANEL THICKNESSES, SPACE 8d NAILS MAXIMUM 12" O.C. ON INTERMEDIATE SUPPORTS.
- (4) FLOOR SHEATHING TO BE 3/4" APA RATED CDX SHEATHING OR OSB. SPACE 8d NAILS MAXIMUM 6" O.C. ALONG PANEL EDGES. FOR OTHER CONDITIONS, SPACE 8d NAILS MAXIMUM 12" O.C. ON INTERMEDIATE SUPPORTS.
- (5) FOR NAIL SIZES REFER TO BELOW.
- (6) SILL PLATE TO BE 2X PT. U.N.O. (REFER TO SILL BOLT SPACING IN SCHEDULE BELOW).

NOTES:		NAIL	ED	6d	10d	16d
1) SHEATHING TO BE APA RATED SHEATHING OR OSB GRADE C-C OR C-D STRUCTURAL 5/8" OR BETTER.			113	131	148	162
2) SHEATHING NAIL EDGES TO BE BACKED WITH 2-INCH NOMINAL OR WIDER PLYFORM (PLY-2).						
INSTALL PANELS EITHER HORIZONTALLY OR VERTICALLY. SPACE NAILS MAXIMUM 6" O.C.						
3) SHEATHING NAILS FOR STUDS SPACED 24" O.C. FOR OTHER CONDITIONS.		LENGTH	2"	2"	3"	3 1/2"
THICKENESS, SPACE NAILS MAXIMUM 12" O.C. ON INTERMEDIATE SUPPORTS.						
4) SHEATHING NAILS FOR JOISTS SPACED 24" O.C. FOR OTHER CONDITIONS OR (2) 2-INCH NOMINAL MEMBER FASTENED TOGETHER WITH 16d NAILS (SPACING ABOVE) TYPICAL INTERIOR HEIGHT OF DBL. STUD. NAILS SHALL BE STAGGERED WHERE NAILS SPACING IS 12" O.C.						
5) AT SHEAR WALL LOCATIONS, REFER R/W S1 AND FF/S1 FOR ROOF TO WALL AND FLOOR TO FLOOR FRAMING.						
6) INTERIOR SQUARE X-8" STEEL PLATE WASHER						
6) FRAMING AT ADJOINING PANEL NAILS SHALL BE SINGLE X-8" NOMINAL FRAMING MEMBERS AT EACH END OF THE PANEL. NAILS SHALL BE 16d.						
7) AT EXTERIOR CORNERS, NAILS SHALL BE 16d. MAX. 3X-8" NAIL PLATE, U.O.N.O.						
8) PLYWOOD TO BE INSTALLED ON BOTH SIDES OF PANEL.						
9) AT EXTERIOR, THICK PLYWOOD OR OSB IS USED. STUDS TO BE SPACED AT 1'-0" O.C. TYPICAL.						
10) GALVANIZED NAILS SHALL BE NOT DIPPED OR TIMBER TREATED.						

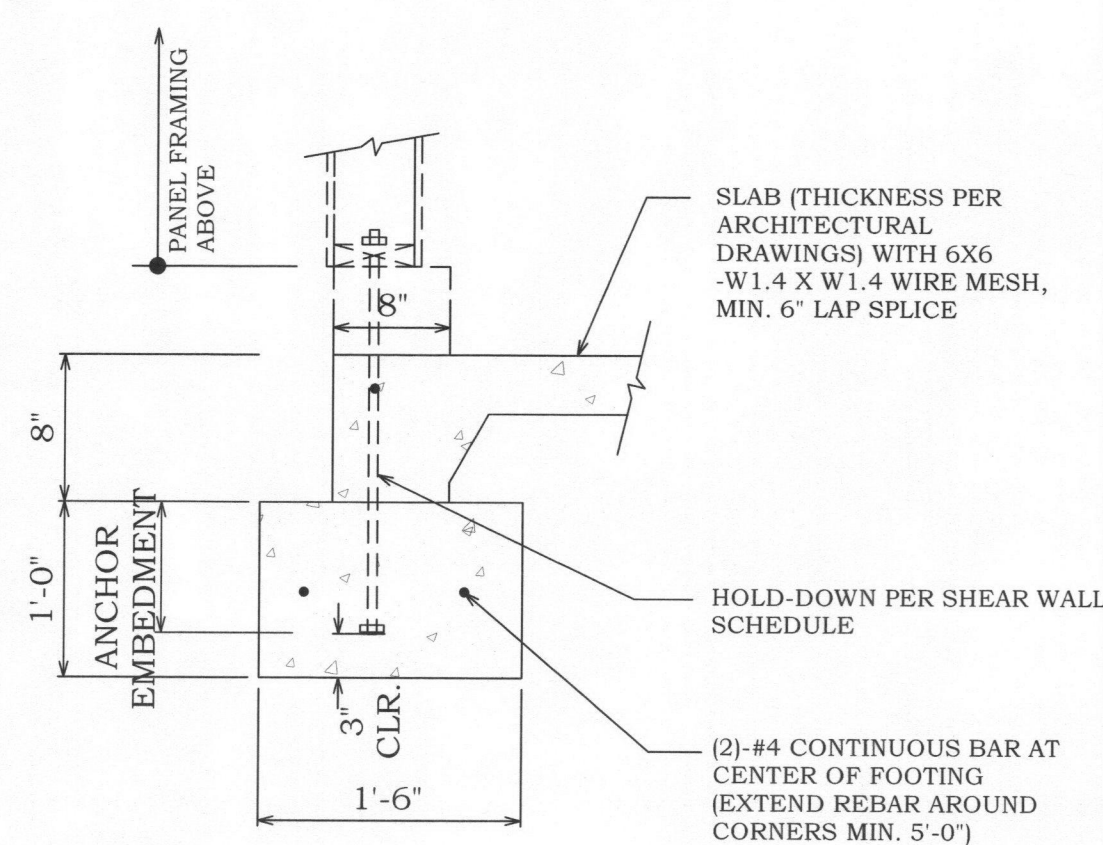
HOLDOWN NOTATION	'SIMSON' HOLDOWN TYPE	INSTALLATION INSTRUCTIONS
2	HDU2 (3075#)	STD. '80 X 5/8 X 24" MIN. 18' EMBEDMENT @/4 CONCRETE. ANCHOR TO BE INSTALLED PLUMB AND LOCATED ALONG CENTER LINE OF (2) 22KG DPT. 42 WALL STUDS MIN. 29" EDGE DISTANCE. FASTER STUDS TOGETHER WITH 164 NAILS @ 6" O' C ENTIRE HEIGHT OF STUD. INSTALL HOLDUP PER MANUFACTURE'S SPECIFICATIONS.
4	HDU4 (4565#)	STD. '80 X 5/8 X 24" MIN. 18' EMBEDMENT @/4 CONCRETE. ANCHOR TO BE INSTALLED PLUMB AND LOCATED ALONG CENTER LINE OF (2) 22KG DPT. 42 WALL STUDS MIN. 29" EDGE DISTANCE. FASTER STUDS TOGETHER WITH 164 NAILS @ 6" O' C ENTIRE HEIGHT OF STUD. INSTALL HOLDUP PER MANUFACTURE'S SPECIFICATIONS.
5	HDU5 (5645#)	STD. '80 X 5/8 X 24" MIN. 18' EMBEDMENT @/4 CONCRETE. ANCHOR TO BE INSTALLED PLUMB AND LOCATED ALONG CENTER LINE OF (2) 22KG DPT. 42 WALL STUDS MIN. 29" EDGE DISTANCE. FASTER STUDS TOGETHER WITH 164 NAILS @ 6" O' C ENTIRE HEIGHT OF STUD. INSTALL HOLDUP PER MANUFACTURE'S SPECIFICATIONS.
28	MSTC28	INSTALL STRAP ACROSS FLOOR LINE. INSTALL MIN. (8) 164 INCH DOUBLE WALL STUDS TO BE USED ALONG AND INTO DOUBLE WALL BEAMS. CENTER STRAP ON STUDS TO INSTALL NAILS INTO MIDDLE THIRD OF STUD.

NOTES:

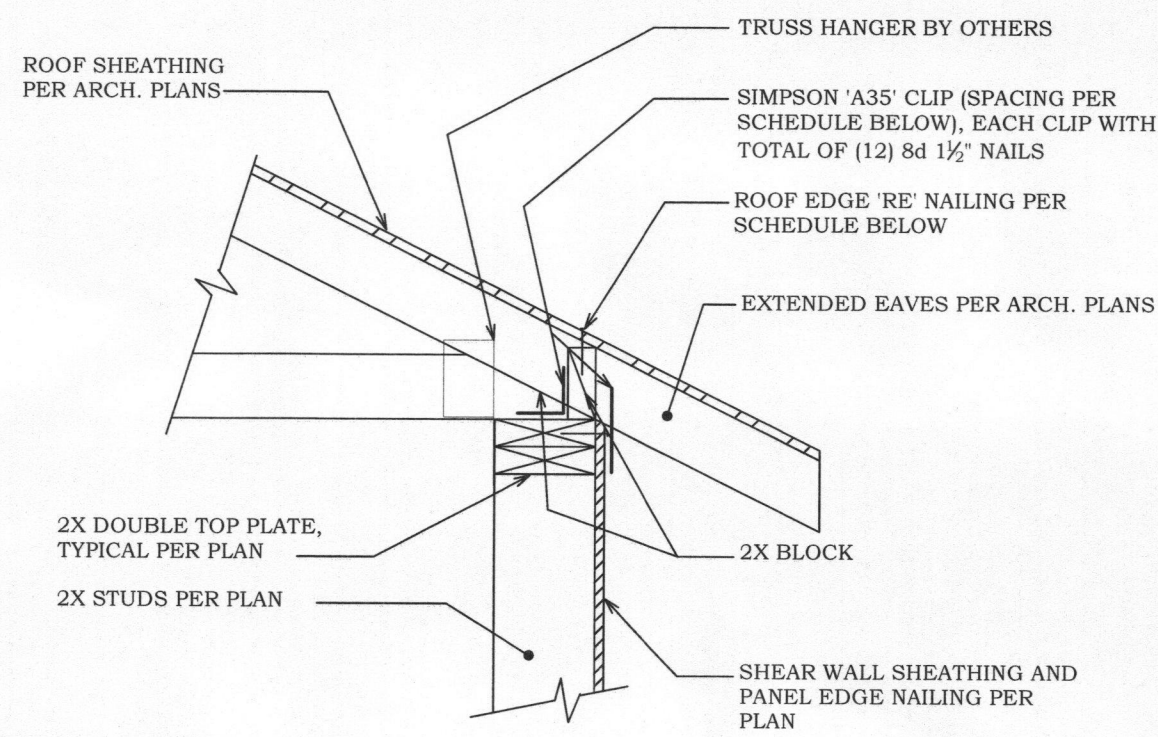
- 1) IN LIEU OF SIMSON 'SSTE BOLTS ANCHOR BOLTS TO BE A307 OR A306 THREADED BOLT WITH STD. NUT AND 2" X 2" X $\frac{1}{2}$ " STEEL PLATE WASHER ON BOTTOM OF BOLT.
- 2) HOLDOWN TO BE FASTENED TO DOUBLE STUDS (CONTINUOUS FROM SILL PLATE TO DOUBLE TOP PLATE) AT PANEL ENDS. WALL STUDS SHOULD HAVE PANEL EDGE NAILING FROM SHEAR WALL SHEATHING.
- 3) IF HOLDOWN IS 5' & LONGER, IT MUST BE INSTALLED FROM FLOOR TO FLOOR. REBAR SHALL BE 18" MIN.
- 4) U.N.O. - INSTALL: (1) = CONTINUOUS HORIZONTAL TOP BAR + DOWN FROM TOP OF WALL AT ALL HOLDOWN ANCHORS. EXTEND BAR MIN. 5'-0" HORIZONTAL IN BOTH DIRECTIONS BEYOND BAR ANCHOR AT CORNER CONNECTION. FOR THIS @/4 OF SECTION INSTALL: (1) @/4 VERTICAL BAR @ 24" O' C. THE HOLDOWN ANCHOR TO HORIZONTAL TOP BAR.

Diagram illustrating the components and dimensions of a panel:

- PANEL LENGTH**: The overall length of the panel.
- HOLDOWN TYPE**: Indicated by a detail showing a D-shaped hole with a # symbol.
- EDGE OF WINDOW, DOOR OR CORNER**: The location where the panel is attached to the structure.
- WELD AT END OF PANEL**: The location of the weld at the end of the panel.
- EDGE OF WINDOW, DOOR OR CORNER**: The location where the panel is attached to the structure.



- NOTE:
1. FOOTING TO BE PLACED ON UNDISTURBED NATIVE SOIL.
2. DRIVEWAY SURFACE NOT SHOWN.



SILL PLATE 'SP' NAILING
 PER SCHEDULE BELOW

SIMPSON 'A35' CLIP (SPACING
 PER SCHEDULE BELOW)
 EACH CLIP WITH TOTAL OF
 (12) 8d 1½" NAILS

FLOOR SHEATHING
 PER PLAN

FLOOR JOISTS PER PLAN

2X WALL STUDS PER PLAN, DBL. 2X
 WALL STUDS AT HOLD-DOWN
 LOCATIONS

STRAP HOLDOWN PER PLAN FOR
 FLOOR-TO-FLOOR CONNECTION

UPPER SHEAR WALL
 SHEATHING AND PANEL EDGE
 NAILING PER PLAN

SILL PLATE NAILING

NOTE #1 BELOW

2X BLOCKING OR RIM JOIST

LOWER SHEAR WALL
 SHEATHING AND PANEL EDGE
 NAILING PER PLAN

2X WALL STUDS PER PLAN, DBL. 2X
 WALL STUDS AT HOLDDOWN LOCATION

HOLD-DOWN, SAME TYPE AS
 ABOVE

NOTE:
1. IN LIEU OF CLIPS, BREAK SHEAR WALL PANELS AT
BLOCKING OR RIM JOIST (INSTALL PANEL EDGE
NAILING AT BREAK).

Technical drawing showing the connection of a sill plate to a concrete wall. The drawing includes the following labels and dimensions:

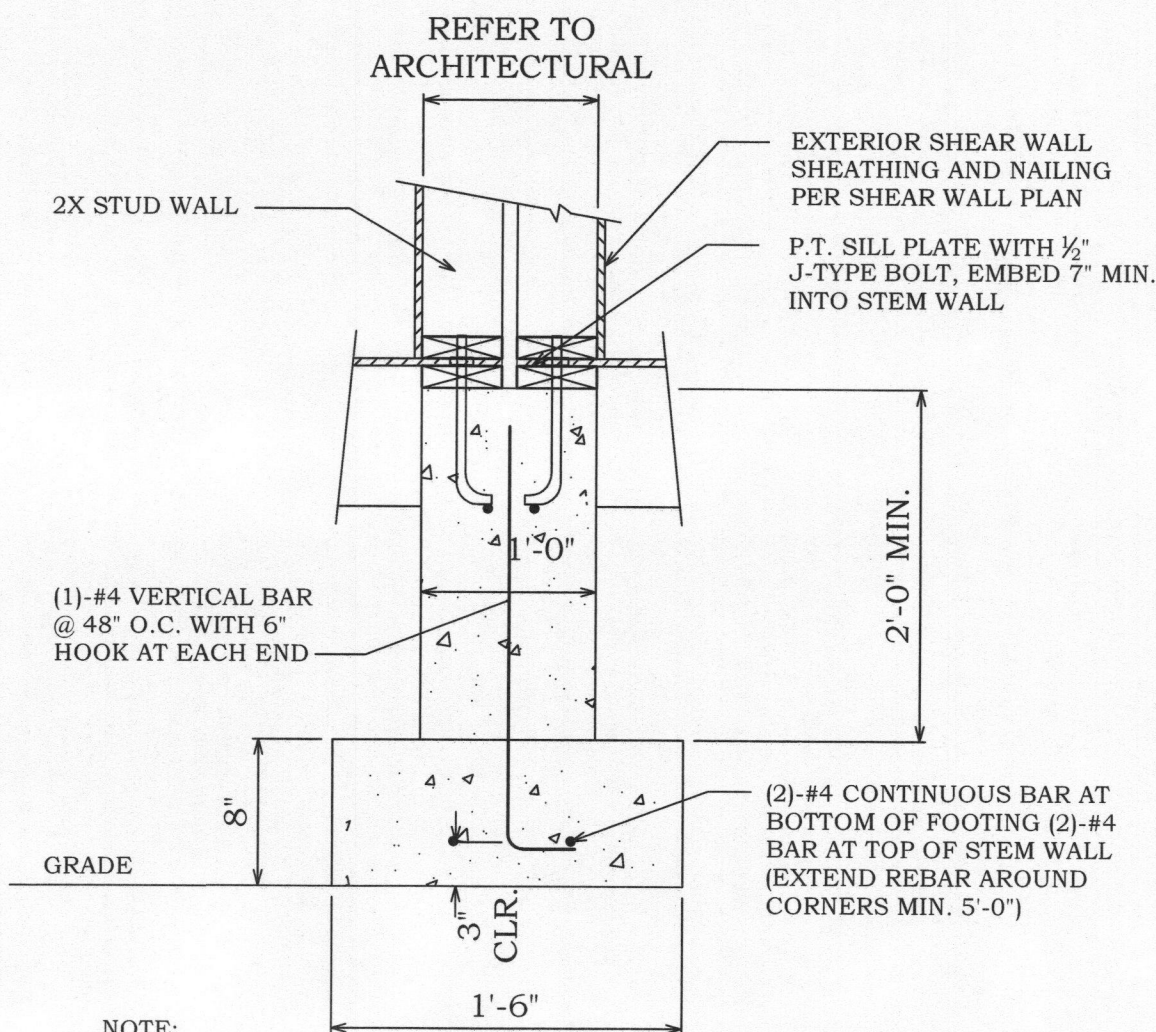
- $\frac{1}{2}$ " EDGE DISTANCE FROM STEM WALL FACE TO EDGE OF SILL PLATE WASHER
- P.T. SILL PLATE AND ANCHOR BOLT PER SHEAR WALL SCHEDULE
- CONCRETE WALL

The drawing shows a cross-section of the wall and sill plate assembly. Dimensions 'd' and 'e' are indicated for the anchor bolt spacing and development length, respectively. A vertical line with a zigzag break indicates the wall continues above.

Diagram showing a section view of an exterior wall and footing. The footing is 1'-6" wide and 8" high. The wall is 8" thick. Reinforcement includes: (2) #4 continuous bars at the bottom of the footing and top of the stem wall; (2) #4 bars at the top of the stem wall; a P.T. sill plate with 1/2" J-type bolts embedded 7" into the stem wall; and a vent, blockout, or beam pocket with a 1'-6" minimum height. Dimensions include 8" for wall thickness, 1'-6" for footing width, 8" for footing height, 3" clearance for the bottom bar, and 1'-6" for the height of the vent/pocket. Labels include: 'AR WALL AND NAILING ALL PLAN', 'P.T. SILL PLATE WITH 1/2" J-TYPE BOLT, EMBED 7" MIN. INTO STEM WALL', 'VENT, BLOCKOUT, OR BEAM POCKET', '1'-6" MIN.', '8"', '3" CLR.', '1'-6"', '8"', and '(2) #4 CONTINUOUS BAR AT BOTTOM OF FOOTING AND (2) #4 AT TOP OF STEM WALL (EXTEND REBAR AROUND CORNERS MIN. 5'-0")'.

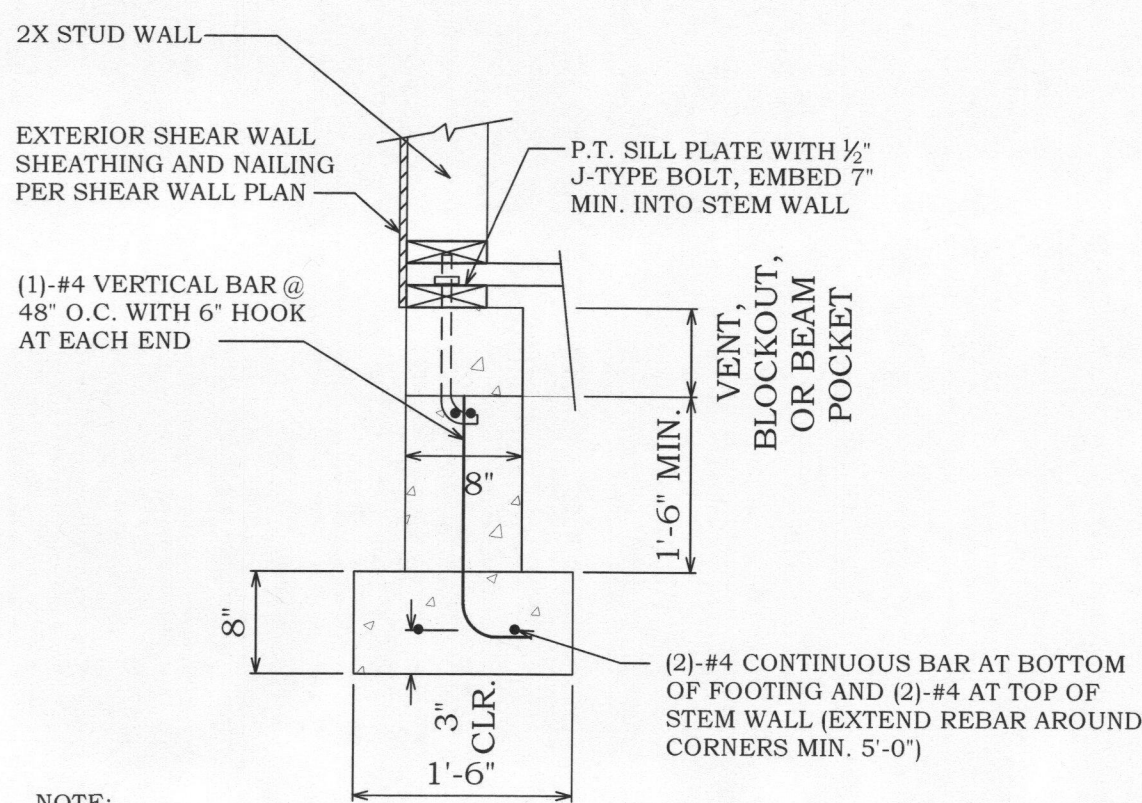
- NOTE:
1. FOOTING TO BE PLACED ON UNDISTURBED NATIVE SOIL.
 2. REFER TO SHEAR WALL SCHEDULE SILL BOLT SPACING AT SHEAR WALL LOCATIONS.

○



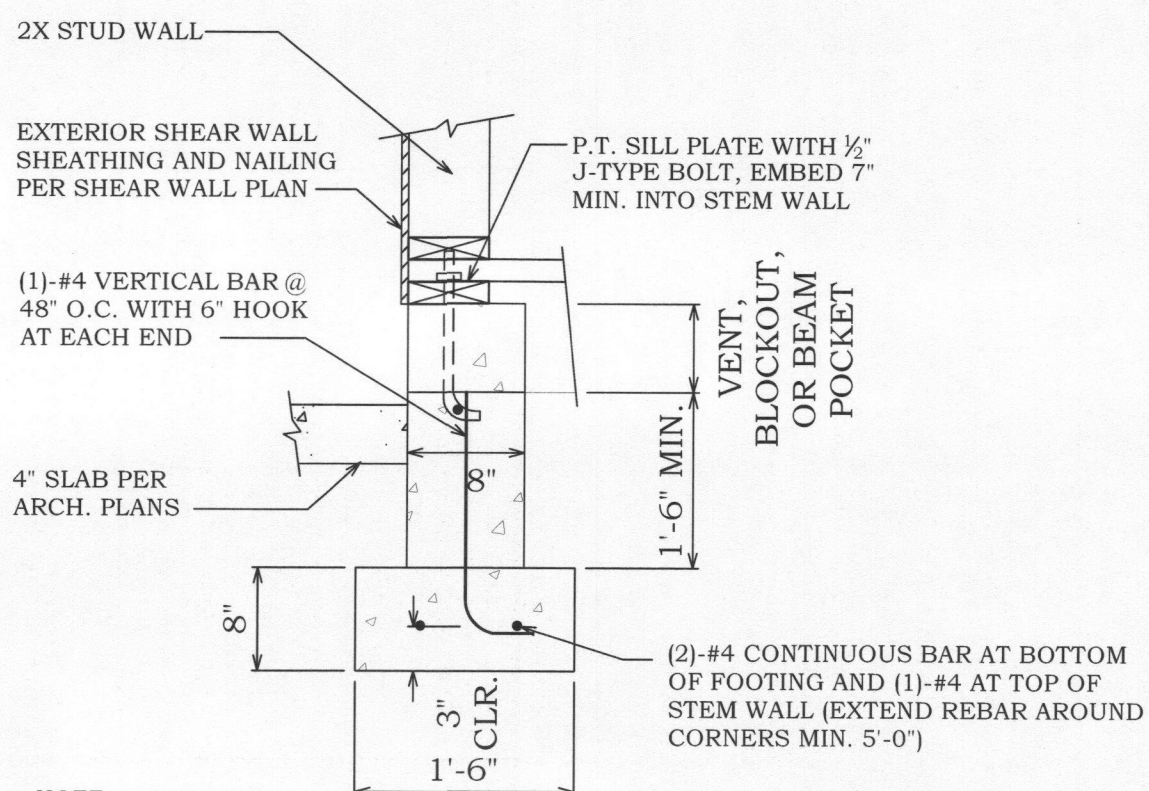
- NOTE:
1. FOOTING TO BE PLACED ON UNDISTURBED NATIVE SOIL.
 2. REFER TO SHEAR WALL SCHEDULE SILL BOLT SPACING AT SHEAR WALL LOCATIONS.

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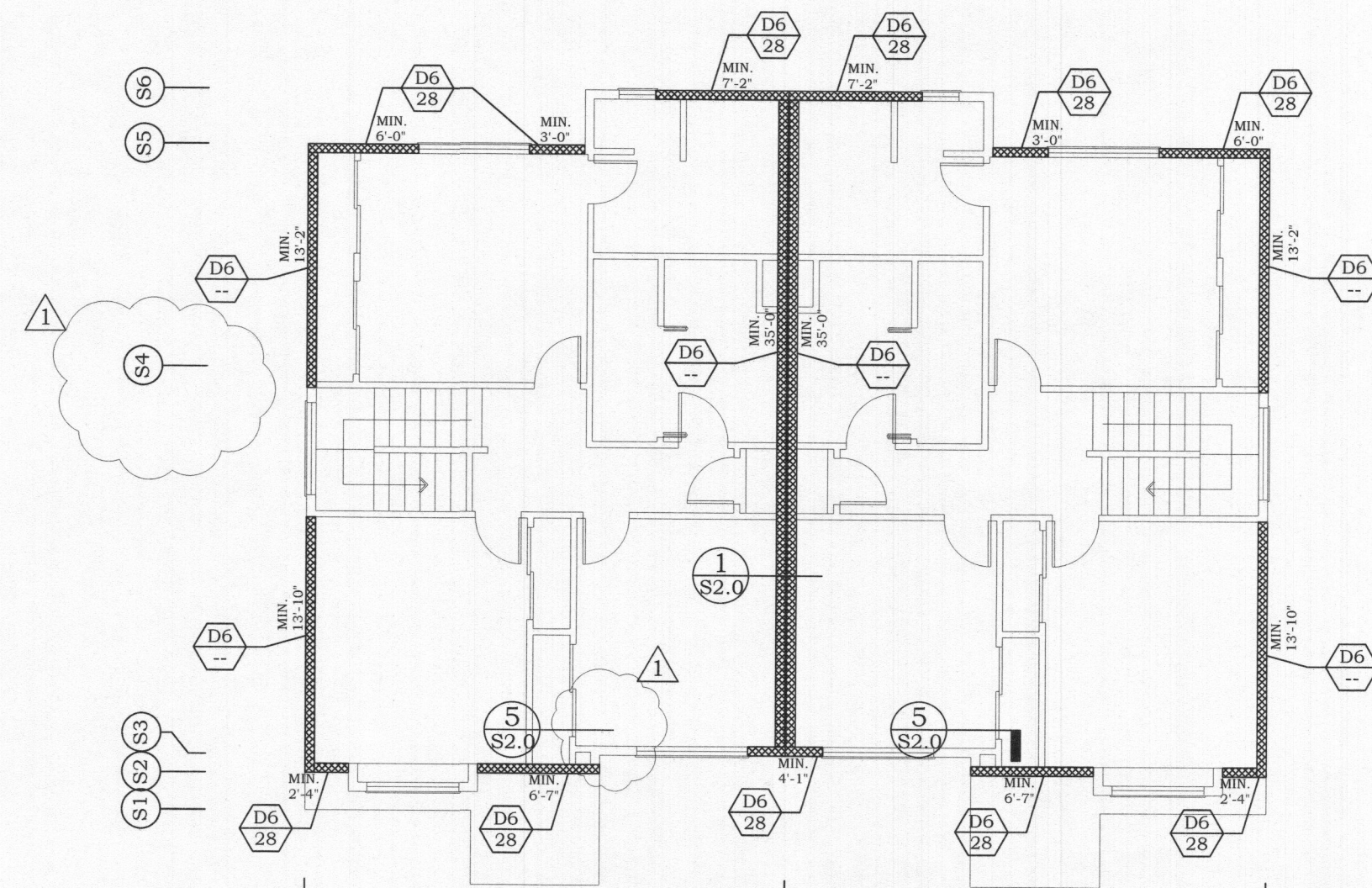
- NOTE:
1. FOOTING TO BE PLACED ON UNDISTURBED NATIVE SOIL.
 2. REFER TO SHEAR WALL SCHEDULE SILL BOLT SPACING AT SHEAR WALL LOCATIONS.

○

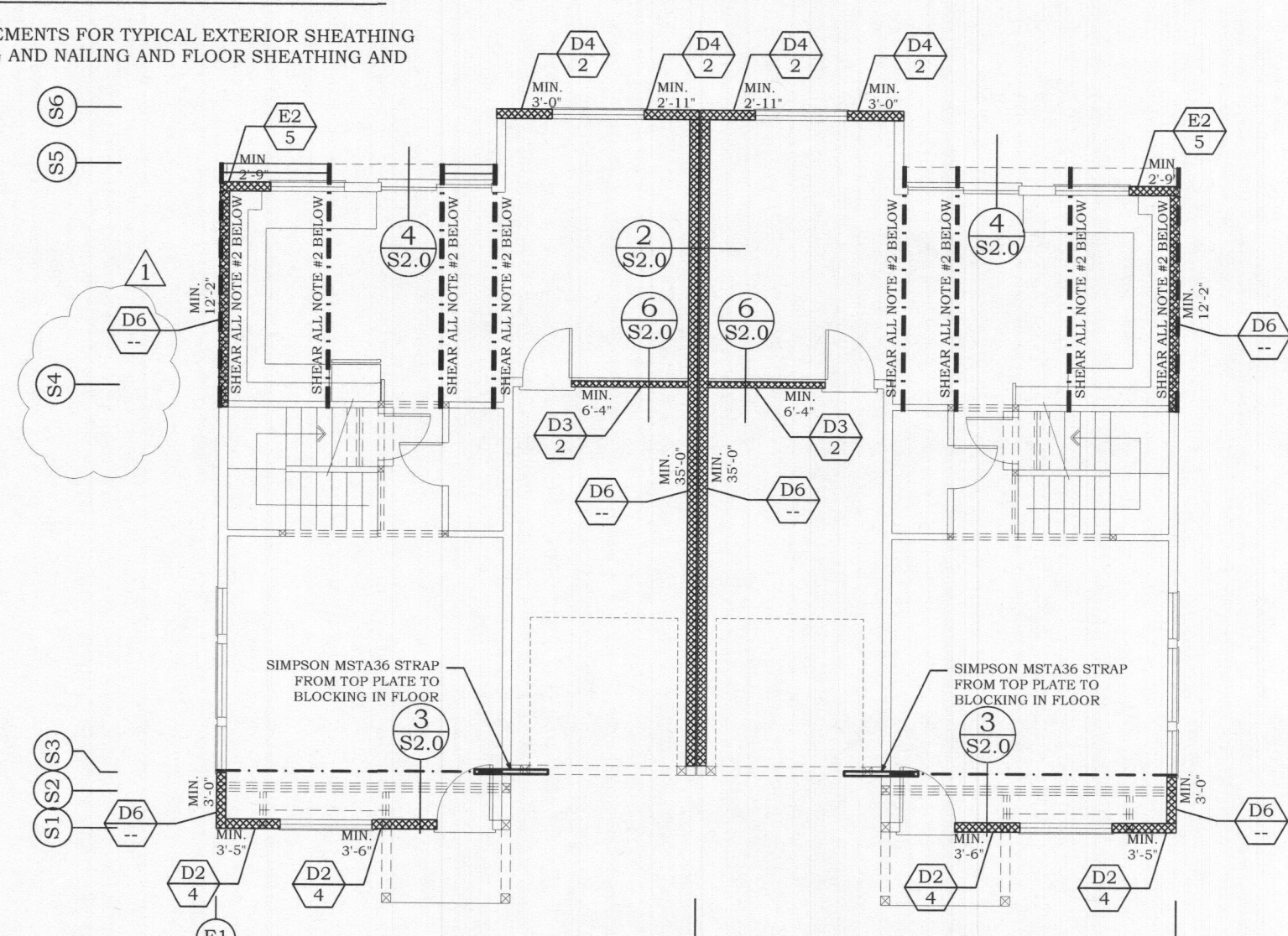


- NOTE:
1. FOOTING TO BE PLACED ON UNDISTURBED NATIVE SOIL.
 2. REFER TO SHEAR WALL SCHEDULE SILL BOLT SPACING AT SHEAR WALL LOCATIONS.

100



NOTE:
1. REFER TO FRAMING REQUIREMENTS FOR TYPICAL EXTERIOR SHEATHING AND NAILING, ROOF SHEATHING AND NAILING AND FLOOR SHEATHING AND NAILING REQUIREMENTS.



2 (2) 2X12 DFL-#2, ALIGN WITH SHEAR WALL STRAP ABOVE, FASTEN TOGETHER WITH 16d NAILS @ 6" O/C ENTIRE LENGTH

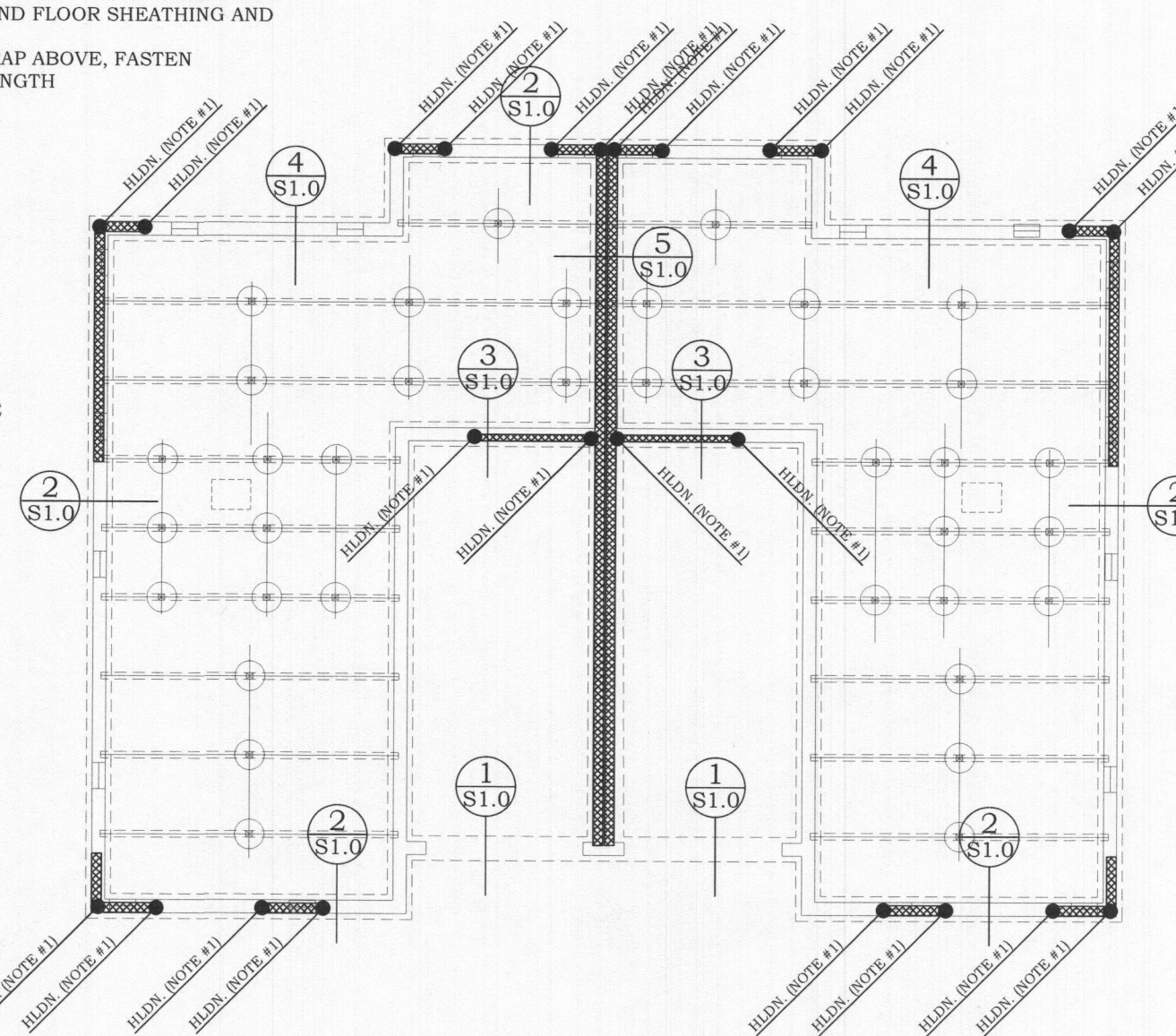
1. REFER TO MAIN FLOOR SHEAR WALL PLAN FOR
HOLDOWN SIZE.
2. THIS DRAWING IS FOR LATERAL INFORMATION ONLY.
REFER TO ARCHITECTURAL PLANS FOR ALL OTHER
INFORMATION.

MATERIALS:
CONCRETE: MIN. 28-DAY CONCRETE STRENGTH = 2500 psi.
GRADE BEAMS, PIERS, AND SPREAD FOOTINGS SHALL BE
POURED ONTO UNDISTURBED, NATIVE SOIL WHICH IS FREE
FROM ANY MATERIAL THAT WILL ADVERSELY AFFECT THE
SOIL DESIGN BEARING PRESSURE REFERENCED ABOVE.
ALL NON-STRUCTURAL WEATHER PROOFING AND FINISH
MATERIAL TO BE DETERMINED "BY OTHERS".

SLAB CONTROL JOINTS: PER OWNERS REQUIREMENTS OR DIRECTION:

MISC. SITE PREPARATIONS:
OBTAIN AND OBEY ALL APPLICABLE REGULATIONS REGARDING GRADING AND EXCAVATION. IDENTIFY, MARK, AND PROTECT FROM DAMAGE ALL EXISTING UNDERGROUND PIPES, CONDUITS, AND CABLE (WATER SUPPLY, SANITARY SEWER, STORM SEWER, GAS, STEAM, ELECTRICAL AND COMMUNICATION CABLE). REMOVE SOIL WITH ORGANIC MATTER. PERFORM BACKFILL AND COMPACTION IN A SYSTEMATIC PATTERN, TO ASSURE COMPLETE AND CONSISTENT WORK. IF ANY OVER-EXCAVATION ACCIDENTALLY OCCURS, CORRECT IT WHEN WELL COMPACTED BACKFILL. PROVIDE TESTING AND INSPECTION OF EACH STRUCTURE. BACKFILL IN 6 IN. TO 12 IN. INCREMENTS. COMPACT ALL FILL. USE STABILIZED FILL MATERIAL OF AN APPROVED TYPE AND FROM AN APPROVED SOURCE. TEST AND APPROVE MATERIAL DELIVERED FROM OTHER SITES. DO NOT ALLOW ANY DEBRIS TO BE MIXED WITH FILL. CURE CONCRETE AND BRICKWORK. PROVIDE DRAINAGE CATCHERS PER STRUCTURAL DRAWINGS.

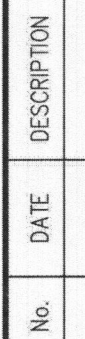
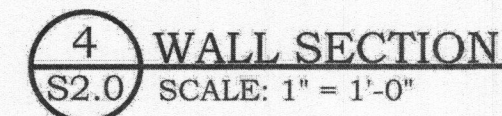
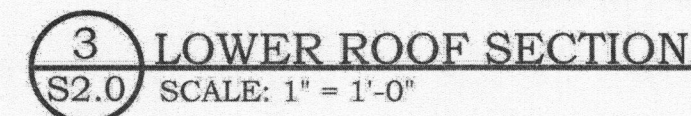
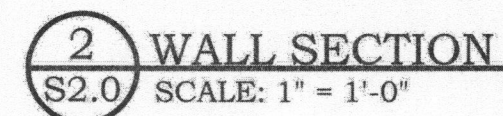
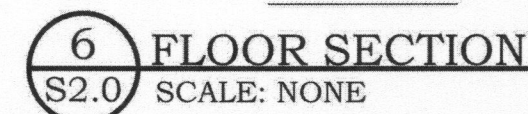
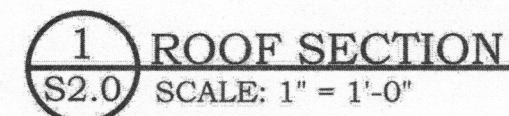
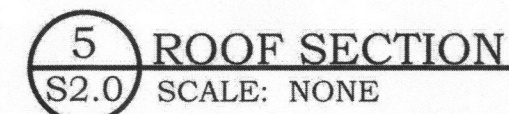
SPECIAL INSPECTION: NONE



City of Portland
REVIEWED FOR CODE
COMPLIANCE
AUG 07 2018
Permit Number

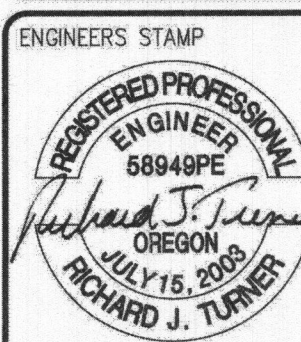
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JUL 11 2018
BDS
DOCUMENT SERVICES

[illegible]



PROJECT NAME	TROXEL #1804 STRUCTURAL DETAILS
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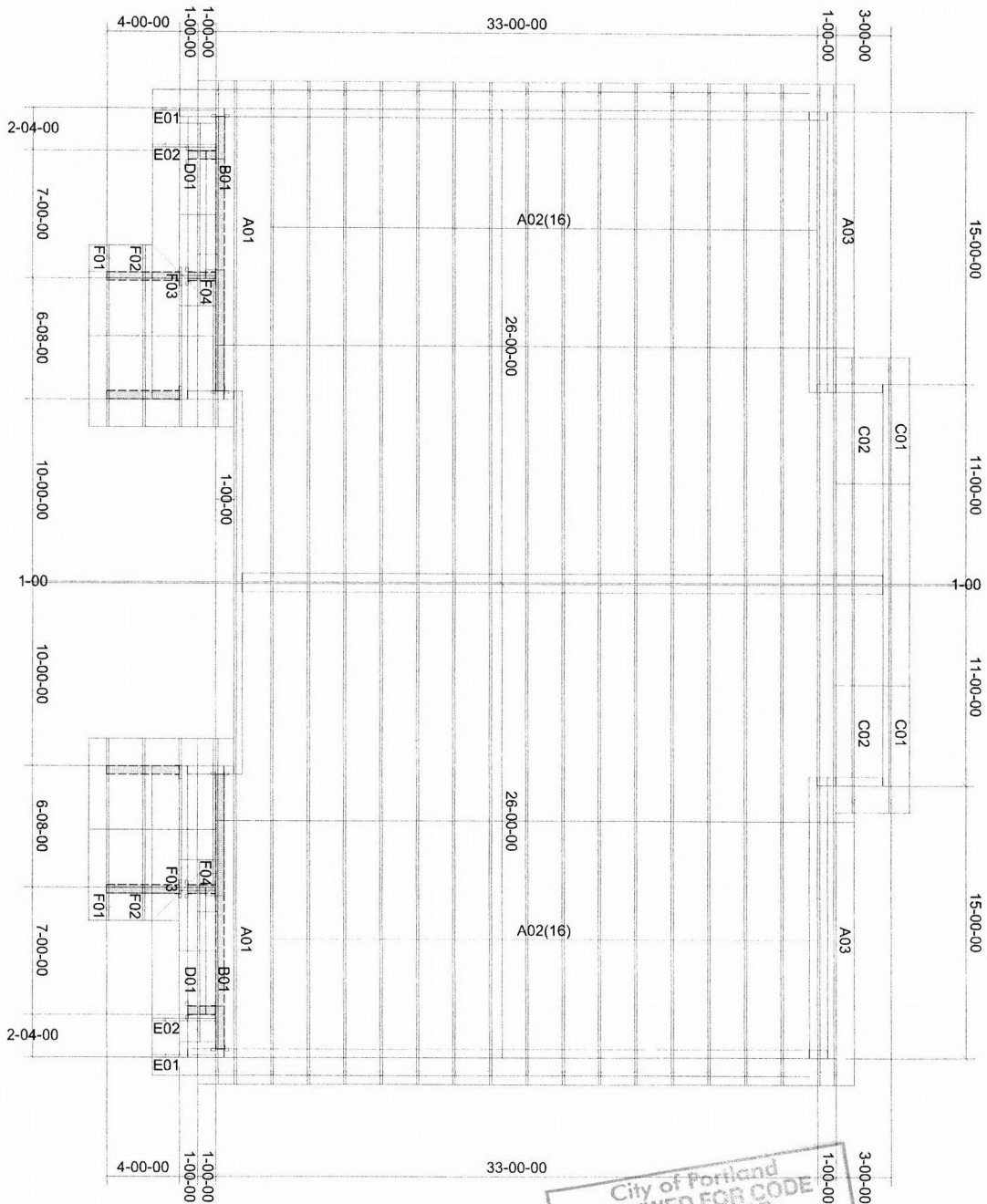
TURNER
ENGINEERING & DESIGN
Office/Cel: (503) 970-8807
Email:turner.teandinc@gmail.com
PO BOX 220
EAGLE CREEK, OREGON 97022



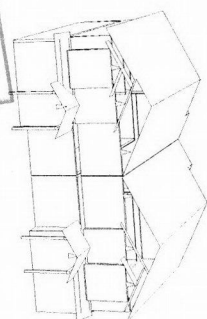
EXP. DATE:	06-30-18
ISSUE	CD
DESIGNED BY	RJT
DRAWN BY	RJT
CHECKED BY	RJT
DATE	04/09/18
PROJECT NO.	R18084
SHEET NO.	S2.0

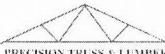
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600441-81



City of Portland
REVIEWED FOR CODE
COMPLIANCE
AUG 07 2018
Permit Number



 PRECISION TRUSS & LUMBER 11550 SE Jennifer St Clackamas, OR 97015 (503) 656-2983 (503) 656-2647	Client: Ernie Jette	
	Plan Name: 1804 Jette	Quote :18-OT11024
	Sales : Oscar Trigueros x131	Order #: [??]
	Site :	Lot : .
	Pitch: 6/12	Loading: 25-7-0-10
	Overhang: 18"	Date: 03/23/18 10:33:14



MiTek USA, Inc.

250 Klug Circle
Corona, CA 92880
951-245-9525

Re: 18-OT11024

Ernie Jette

The truss drawing(s) referenced below have been prepared by MiTek USA, Inc. under my direct supervision based on the parameters provided by Precision Roof Trusses, Inc.

Pages or sheets covered by this seal: K4421913 thru K4421925

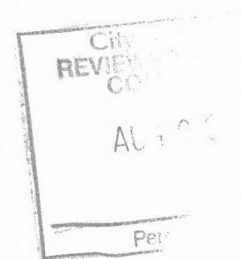
My license renewal date for the state of Oregon is December 31, 2019.



March 27, 2018

Baxter, David

IMPORTANT NOTE: Truss Engineer's responsibility is solely for design of individual trusses based upon design parameters shown on referenced truss drawings. Parameters have not been verified as appropriate for any use. Any location identification specified is for file reference only and has not been used in preparing design. Suitability of truss designs for any particular building is the responsibility of the building designer, not the Truss Engineer, per ANSI/TPI-1, Chapter 2.



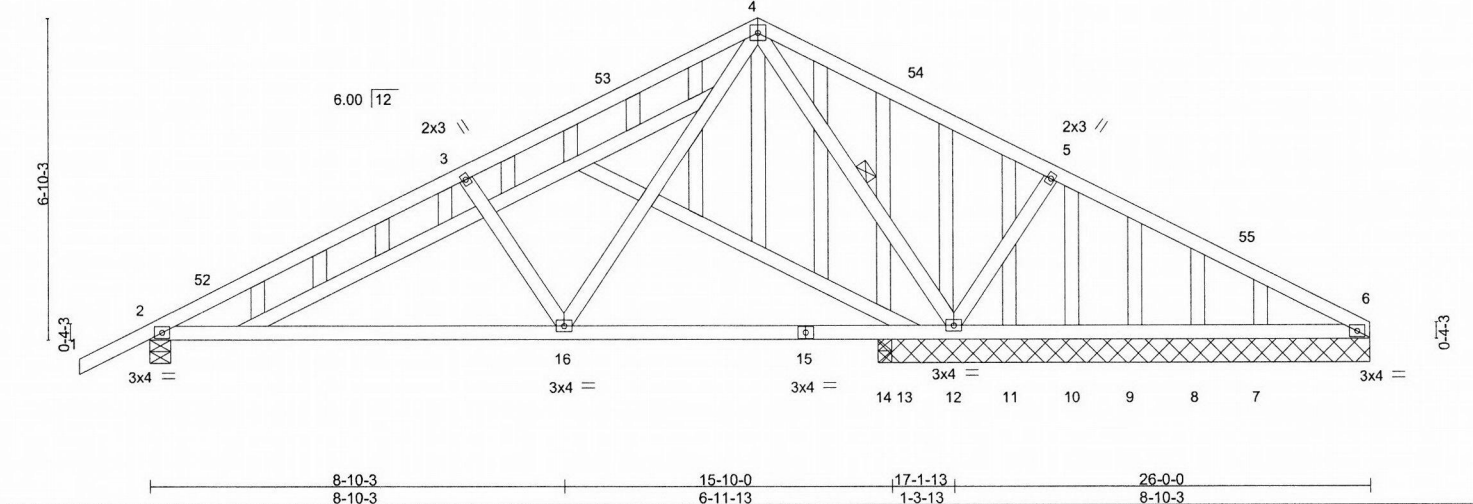
Job 18-OT11024	Truss A01	Truss Type Common Structural Gable	Qty 2	Ply 1	Ernie Jette	K4421913
PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015						Job Reference (optional)

8.210 s Feb 12 2018 MiTek Industries, Inc. Tue Mar 27 12:01:45 2018 Page 1
ID:UKXeAVNW63qjThhwCGNjlkzWizS-b3gRn16ysG_s3??SHBRtXmPXmEBJofrhWuaDczWkm4
-1-6-0 6-9-4 13-0-0 19-2-12 26-0-0
1-6-0 6-9-4 6-2-12 6-2-12 6-9-4

MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

4x4 =

Scale = 1:47.3



LOADING (psf)		SPACING-		CSI.		DEFL.		PLATES		GRIP	
TCLL	25.0	Plate Grip DOL	1.15	TC	0.52	Vert(LL)	-0.13	MT20	185/148		
TCDL	7.0	Lumber DOL	1.15	BC	0.54	Vert(CT)	-0.27				
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.32	Horz(CT)	0.01				
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S							
								Weight: 169 lb		FT = 0%	

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std
OTHERS 2x4 HF Std

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 4-12

REACTIONS.

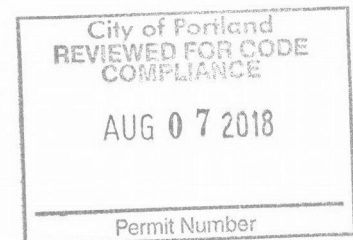
All bearings 10-5-8 except (jt=length) 2=0-5-8, 14=0-3-8.
(lb) - Max Horz 2=153(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 6, 8, 7 except 2=-210(LC 12), 12=-324(LC 13), 13=-285(LC 3)
Max Grav All reactions 250 lb or less at joint(s) 6, 11, 10, 9, 8, 7 except 2=758(LC 1), 12=1108(LC 1), 14=416(LC 3)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-937/234, 3-4=-708/229, 4-5=-17/341
BOT CHORD 2-16=-252/757
WEBS 4-12=-841/237, 5-12=-436/318, 4-16=-179/620, 3-16=-410/299

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 1-6-0 to 1-6-0, Interior(1) 1-6-0 to 13-0-0, Exterior(2) 13-0-0 to 16-0-0 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- Gable studs spaced at 1-4-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6, 8, 7 except (jt=lb) 2=210, 12=324, 13=285.



EXPIRES: 12-31-2019
March 27, 2018



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

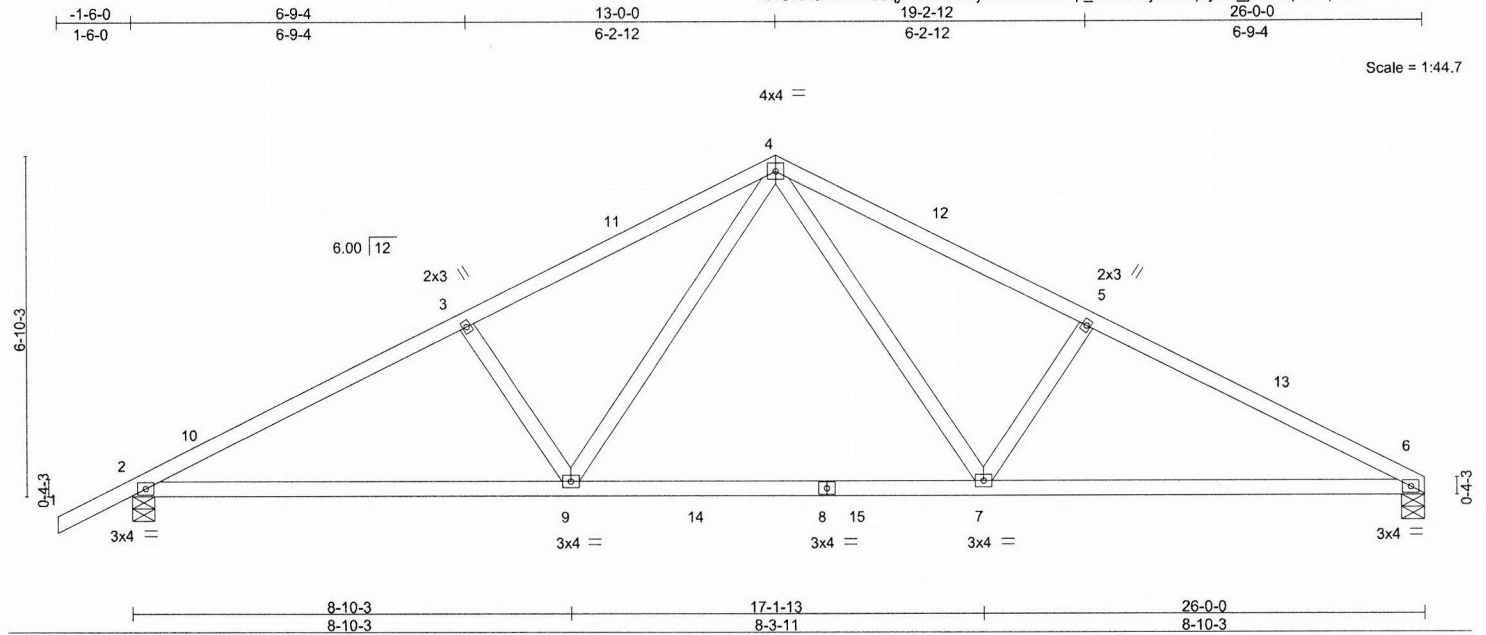
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCS1 Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



250 Klug Circle
Corona, CA 92880

Job 18-OT11024	Truss A02	Truss Type Common	Qty 32	Ply 1	Ernie Jette	K4421914
PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015						Job Reference (optional)

8.210 s Feb 12 2018 MiTek Industries, Inc. Tue Mar 27 12:01:46 2018 Page 1
ID:UKXeAVNW63qJThwCGNjlkzWlzS-3FEp_N7acZ6jh9aequy6U_yivdUqX5zq88f8l2zWkm3



LOADING (psf)	SPACING	CSI	DEFL.	PLATES	GRIP
TCLL 25.0	2-0-0	TC 0.56	in (loc) l/defl L/d	MT20	185/148
TCDL 7.0	Plate Grip DOL 1.15	BC 0.65	Vert(LL) -0.18 7-9 >999 240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.32	Vert(CT) -0.31 6-7 >986 180		
BCDL 10.0	Rep Stress Incr YES	Matrix-S	Horz(CT) 0.05 6 n/a n/a		
	Code IRC2015/TPI2014			Weight: 103 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std

BRACING-

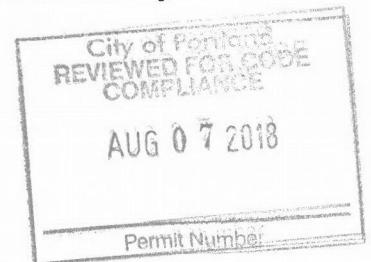
TOP CHORD Structural wood sheathing directly applied or 3-7-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-11-5 oc bracing.

REACTIONS. (lb/size) 6=1069/0-5-8, 2=1187/0-5-8
Max Horz 2=153(LC 12)
Max Uplift 6=229(LC 13), 2=283(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1861/399, 3-4=-1633/401, 4-5=-1647/425, 5-6=-1857/423
BOT CHORD 2-9=-389/1575, 7-9=-138/1051, 6-7=-294/1594
WEBS 4-7=-184/634, 5-7=-411/307, 4-9=-173/613, 3-9=-397/295

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 13-0-0, Exterior(2) 13-0-0 to 16-0-0 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=229, 2=283.



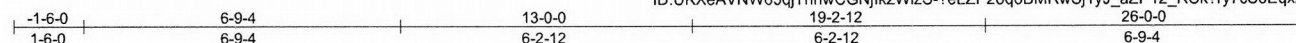
EXPIRES: 12-31-2019
March 27, 2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

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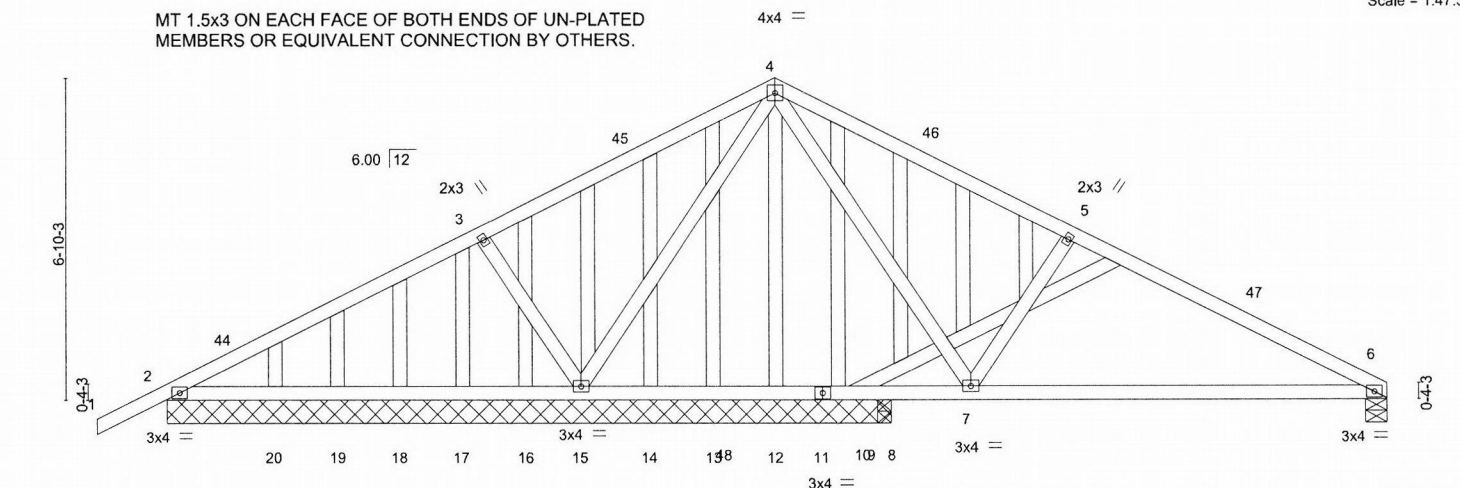
Job 18-OT11024	Truss A03	Truss Type Common Structural Gable	Qty 2	Ply 1	Ernie Jette	K4421915
PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015						Job Reference (optional)

8.210 s Feb 12 2018 MiTek Industries, Inc. Tue Mar 27 12:01:48 2018 Page 1
ID:UKXeAVNW63qjThhwCGNjlkzWlZS-?eLZP28q8BMRwSj1yJ_aZP12_RCK?ry7cS8EqzWkm1



Scale = 1:47.3

MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.



LOADING (psf)		SPACING-		CSI.		DEFL.		PLATES		GRIP	
TCLL	25.0	Plate Grip DOL	2-0-0	TC	0.53	in (loc)	l/defl	MT20	185/148		
TCDL	7.0	Lumber DOL	1.15	BC	0.56	Vert(LL)	-0.14				
BCLL	0.0 *	Rep Stress Incr	YES	WB	1.00	Vert(CT)	-0.30				
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Horz(CT)	0.01				
								Weight: 165 lb		FT = 0%	

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std
OTHERS 2x4 HF Std

BRACING-

TOP CHORD Structural wood sheathing directly applied or 5-8-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS.

All bearings 15-5-8 except (jt=length) 6=0-5-8, 8=0-3-8.
(lb) - Max Horz 2=153(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 2, 19, 20, 10 except 6=150(LC 13), 15=340(LC 12), 9=362(LC 1), 8=250(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 12, 13, 14, 16, 17, 18, 19, 20, 10, 9 except 6=617(LC 1), 2=296(LC 23), 15=1054(LC 1), 8=337(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 3-4=-15/332, 4-5=-667/225, 5-6=-879/230
BOT CHORD 6-7=-127/728
WEBS 4-7=-138/573, 5-7=-427/311, 4-15=-805/173, 3-15=-420/307

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 13-0-0, Exterior(2) 13-0-0 to 16-0-0 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- Gable studs spaced at 1-4-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 19, 20, 10 except (jt=lb) 6=150, 15=340, 9=362, 8=250.



EXPIRES: 12-31-2019
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WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

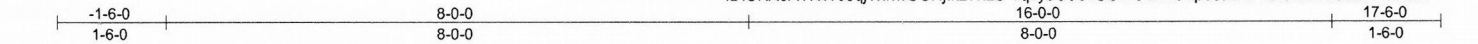
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSVTP11 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



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Job 18-OT11024	Truss B01	Truss Type Common Structural Gable	Qty 2	Ply 1	Ernie Jette	K4421916
PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015						Job Reference (optional)

8.210 s Feb 12 2018 MiTek Industries, Inc. Tue Mar 27 12:01:49 2018 Page 1
ID:UKXeAVNW63qjThhwCGNjlkzWlZS-TqvdyO9SvUUIYcIDW0Vp6caBKrYCKXnGr6uoMNzWkm0



MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

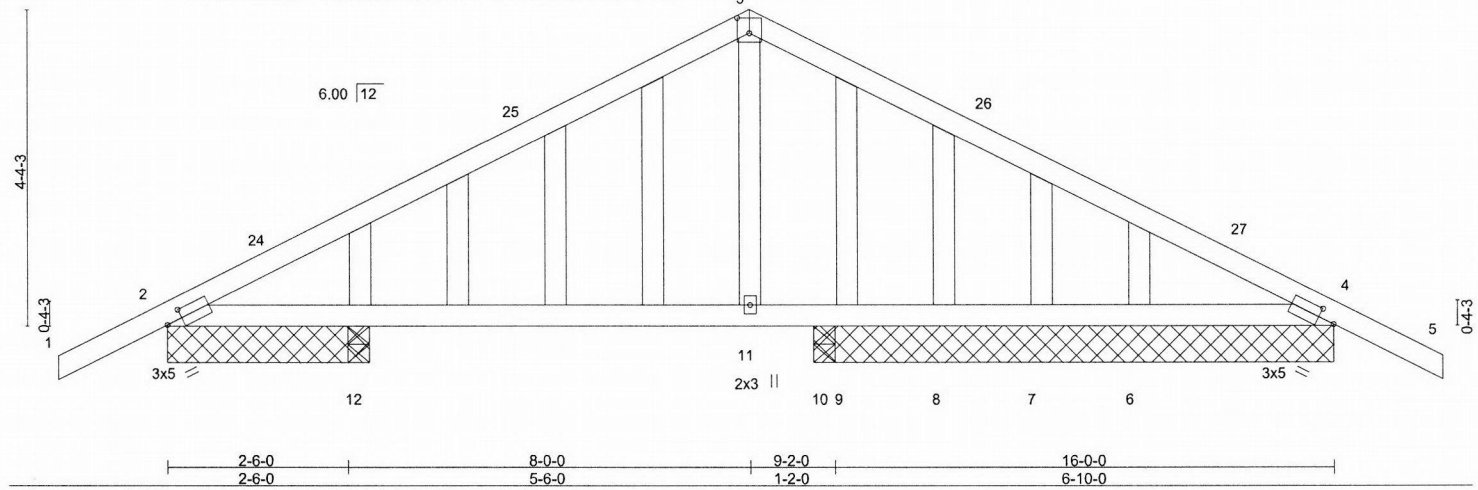


Plate Offsets (X,Y)-- [2:0-2-10,0-1-8], [3:0-2-0,0-2-8], [4:0-2-10,0-1-8]											
LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL. in (loc) l/defl L/d		PLATES		GRIP	
TCLL	25.0	Plate Grip DOL	1.15	TC	0.68	Vert(LL)	-0.02 11-12	>999	240	MT20	185/148
TCDL	7.0	Lumber DOL	1.15	BC	0.55	Vert(CT)	-0.04 11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.01 4	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S						Weight: 75 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std
OTHERS 2x4 HF Std

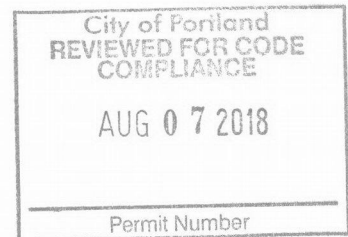
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 7-1-8 except (jt=length) 2=2-9-8, 12=0-3-8, 12=0-3-8, 10=0-3-8.
(lb) - Max Horz 2=91(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 8, 7, 12 except 2=-133(LC 12), 4=-130(LC 13), 9=-663(LC 1), 6=-127(LC 13), 10=-208(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 9, 8, 7, 12, 12 except 2=412(LC 1), 4=420(LC 1), 6=271(LC 24), 10=888(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-455/144, 3-4=-455/144
BOT CHORD 2-12=-20/298, 11-12=-20/298, 10-11=-20/298, 9-10=-20/298, 8-9=-20/298, 7-8=-20/298, 6-7=-20/298, 4-6=-20/298

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 1-6-0 to 1-6-0, Interior(1) 1-6-0 to 8-0-0, Exterior(2) 8-0-0 to 11-0-0 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- Gable studs spaced at 1-4-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 8, 7, 12 except (jt=lb) 2=133, 4=130, 9=663, 6=127, 10=208.



EXPIRES: 12-31-2019
March 27, 2018

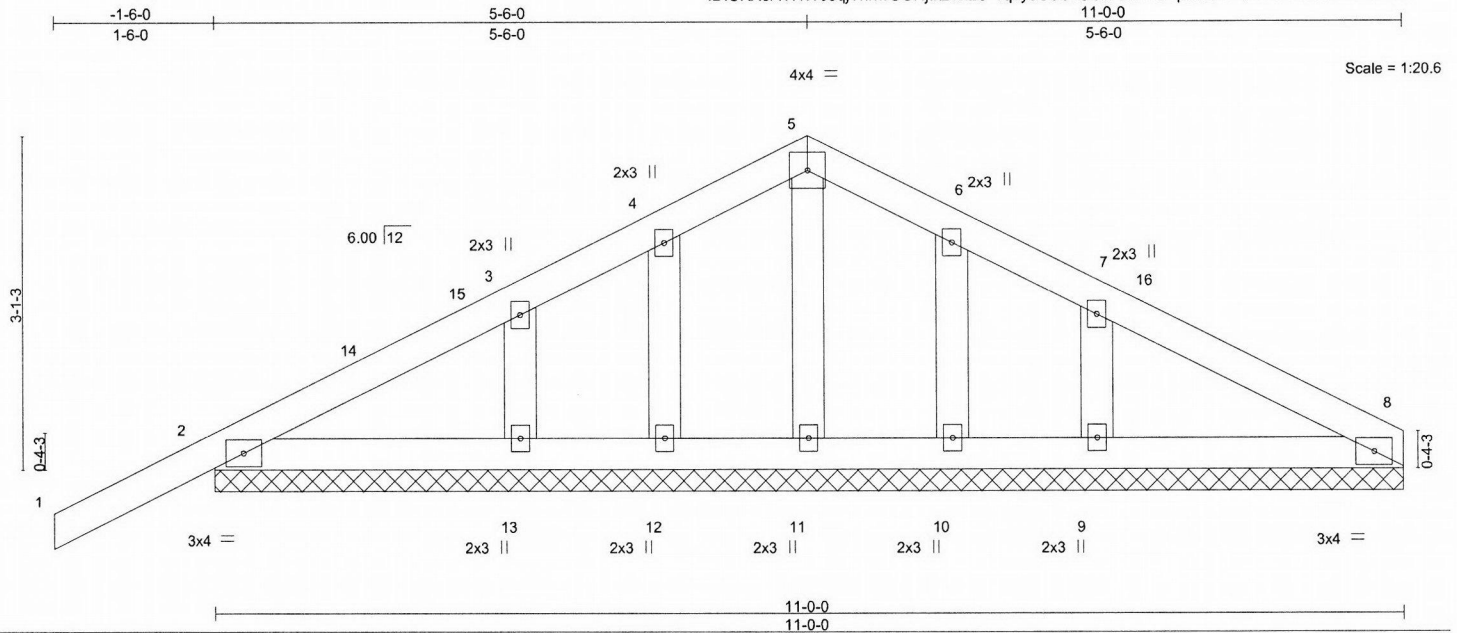
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

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Corona, CA 92880

Job 18-OT11024	Truss C01	Truss Type Common Supported Gable	Qty 2	Ply 1	Ernie Jette Job Reference (optional)	K4421917
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PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015

8,210 s Feb 12 2018 MiTek Industries, Inc. Tue Mar 27 12:01:49 2018 Page 1
ID:UKXeAVNW63qjThhwCGNjlkzWlzs-TqvdyO9SvUUIYclDW0Vp6caJErakWSGr6uoMNzWkm0



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 25.0	2-0-0	TC 0.17	in (loc) l/defl L/d	MT20	185/148
TCDL 7.0	Plate Grip DOL 1.15	BC 0.07	Vert(LL) -0.00 1 n/r 120		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.08	Vert(CT) -0.00 1 n/r 90		
BCDL 10.0	Rep Stress Incr YES	Matrix-R	Horz(CT) 0.00 8 n/a n/a		
	Code IRC2015/TPI2014			Weight: 44 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
OTHERS 2x4 HF Std

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

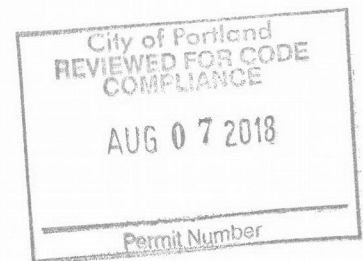
REACTIONS.

All bearings 11-0-0.
(lb) - Max Horz 2=81(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 8, 2, 12, 13, 10 except 9=103(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 8, 2, 11, 12, 13, 10, 9

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -1-6-0 to 1-6-0, Exterior(2) 1-6-0 to 5-6-0, Corner(3) 5-6-0 to 8-6-0 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 1-4-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 8, 2, 12, 13, 10 except (jt=lb) 9=103.



EXPIRES: 12-31-2019
March 27, 2018

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250 Klug Circle
Corona, CA 92880

Job 18-OT11024	Truss C02	Truss Type Common	Qty 2	Ply 1	Ernie Jette	K4421918
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PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015

8.210 s Feb 12 2018 MiTek Industries, Inc. Tue Mar 27 12:01:50 2018 Page 1
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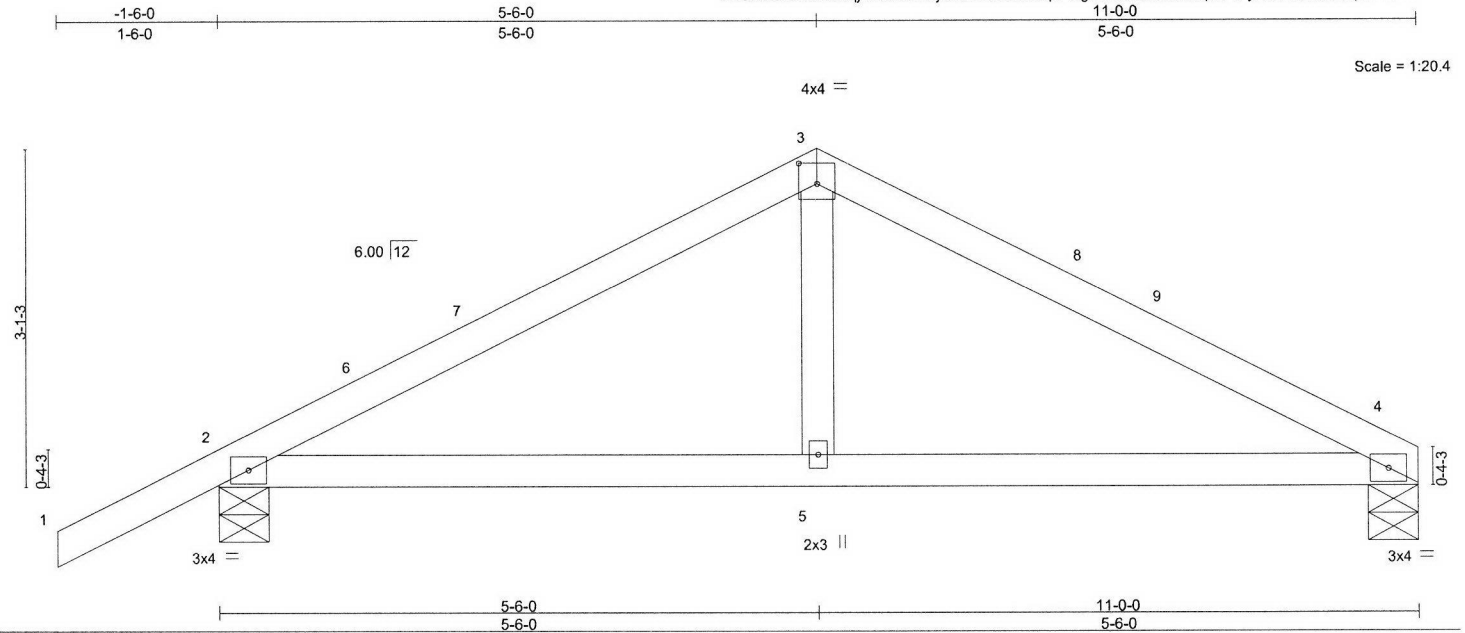


Plate Offsets (X,Y)-- [3:0-2:0,0-2-4]

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 25.0	Plate Grip DOL	1.15	TC 0.30	Vert(LL)	-0.03	4-5	>999	240	MT20	185/148
TCDL 7.0	Lumber DOL	1.15	BC 0.26	Vert(CT)	-0.05	4-5	>999	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.11	Horz(CT)	0.01	4	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-R						Weight: 37 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 4=434/0-5-8, 2=562/0-5-8
Max Horz 2=81(LC 16)
Max Uplift 4=-92(LC 13), 2=-151(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-3=-628/196, 3-4=-624/210
BOT CHORD 2-5=-108/491, 4-5=-108/491

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 5-6-0, Exterior(2) 5-6-0 to 8-6-0 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 2=151.



EXPIRES: 12-31-2019
March 27, 2018

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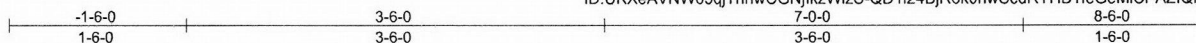


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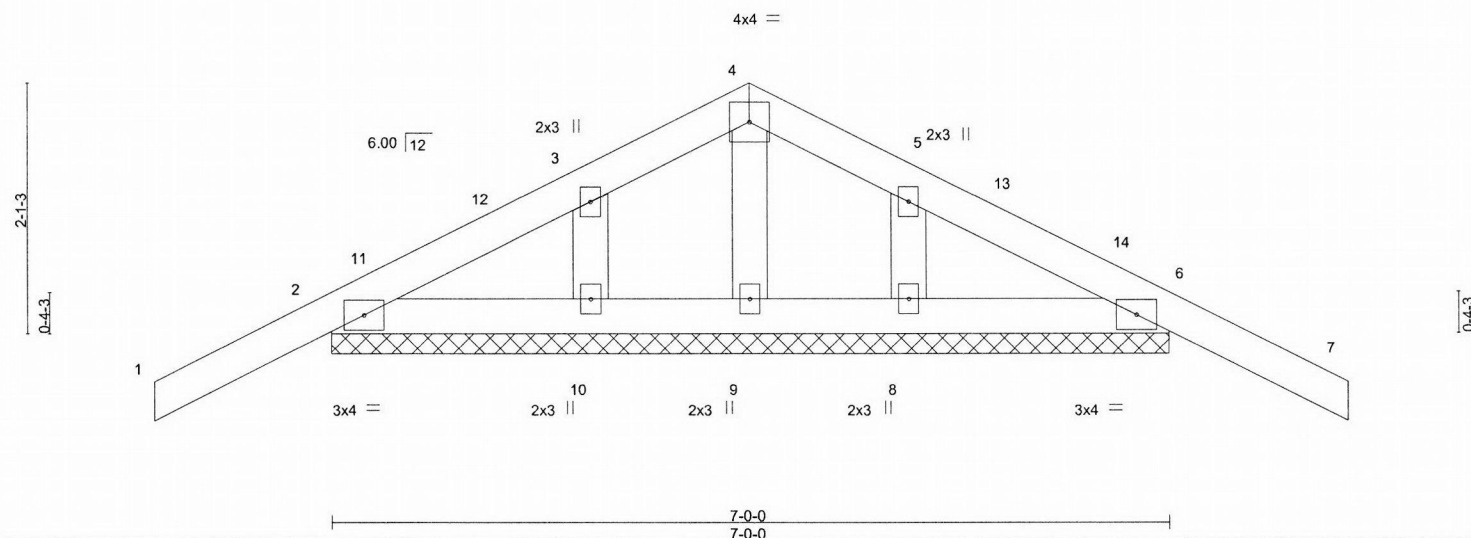
Job 18-OT11024	Truss D01	Truss Type Common Supported Gable	Qty 2	Ply 1	Ernie Jette	K4421919
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PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015

8.210 s Feb 12 2018 MiTek Industries, Inc. Tue Mar 27 12:01:51 2018 Page 1
ID:UKXeAVNW63qjThhwCGNjlkzWlzS-QD1i24BjR6k0nwScdRYHB1feGeMIPAZIQNuQFzWkm_



Scale = 1:18.6



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 25.0	2-0-0	TC 0.20	in (loc) l/defl L/d	MT20	185/148
TCDL 7.0	Plate Grip DOL 1.15	BC 0.03	Vert(LL) -0.01 7 n/r 120		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.07	Vert(CT) -0.01 7 n/r 90		
BCDL 10.0	Rep Stress Incr YES	Matrix-P	Horz(CT) 0.00 6 n/a n/a		
	Code IRC2015/TPI2014			Weight: 29 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
OTHERS 2x4 HF Std

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

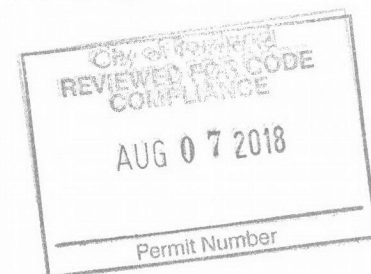
REACTIONS.

All bearings 7-0-0.
(lb) - Max Horz 2=48(LC 13)
Max Uplift All uplift 100 lb or less at joint(s) 2, 6, 10, 8
Max Grav All reactions 250 lb or less at joint(s) 2, 6, 9, 10, 8

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -1-6-0 to 1-6-0, Exterior(2) 1-6-0 to 3-6-0, Corner(3) 3-6-0 to 6-6-0 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 1-4-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 6, 10, 8.



EXPIRES: 12-31-2019
March 27, 2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



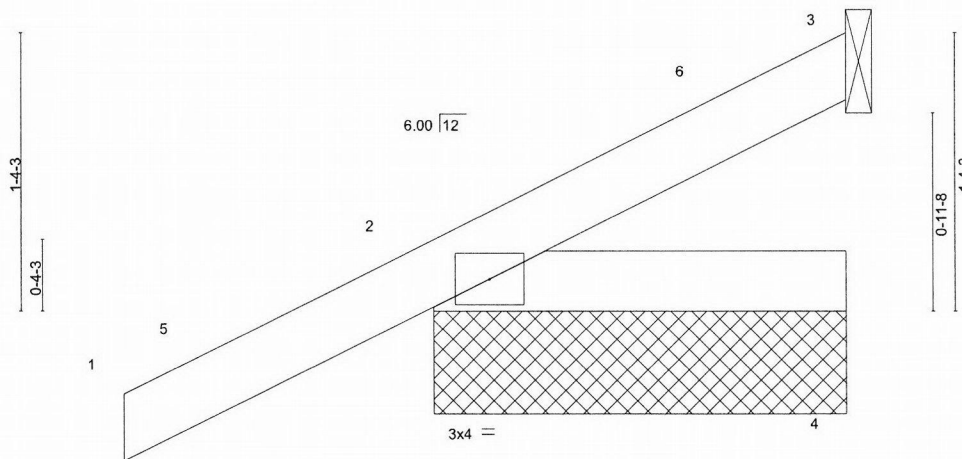
250 Klug Circle
Corona, CA 92880

Job 18-OT11024	Truss E01	Truss Type Monopitch Supported Gable	Qty 2	Ply 1	Ernie Jette	K4421920
PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015						Job Reference (optional)

8.210 s Feb 12 2018 MiTek Industries, Inc. Tue Mar 27 12:01:52 2018 Page 1
ID:UKXeAVNW63qjThhwCGNjlkzWizS-uPb4FQBLCPssP41oB93WkFCpT2fGxtVjX46SyizWklz

-1-6-0
1-6-0
2-0-0
2-0-0

Scale = 1:10.8



LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0	Plate Grip DOL	1.15	TC 0.24	Vert(LL)	-0.03	4	>931	240	220/195
TCDL 7.0	Lumber DOL	1.15	BC 0.14	Vert(CT)	-0.04	4	>635	180	
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	-0.00	3	n/a	n/a	
BCDL 10.0	Code IRC2015/TPI2014		Matrix-P						
								Weight: 8 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

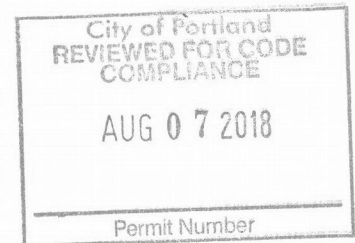
REACTIONS.

(lb/size) 2=216/2-0-0, 3=47/Mechanical
Max Horz 2=73(LC 12)
Max Uplift 2=-78(LC 12), 3=-14(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) 1-6-0 to 1-6-0, Exterior(2) 1-6-0 to 1-11-14 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- 3) Gable studs spaced at 1-4-0 oc.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 6) Refer to girder(s) for truss to truss connections.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 3.



EXPIRES: 12-31-2019
March 27, 2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

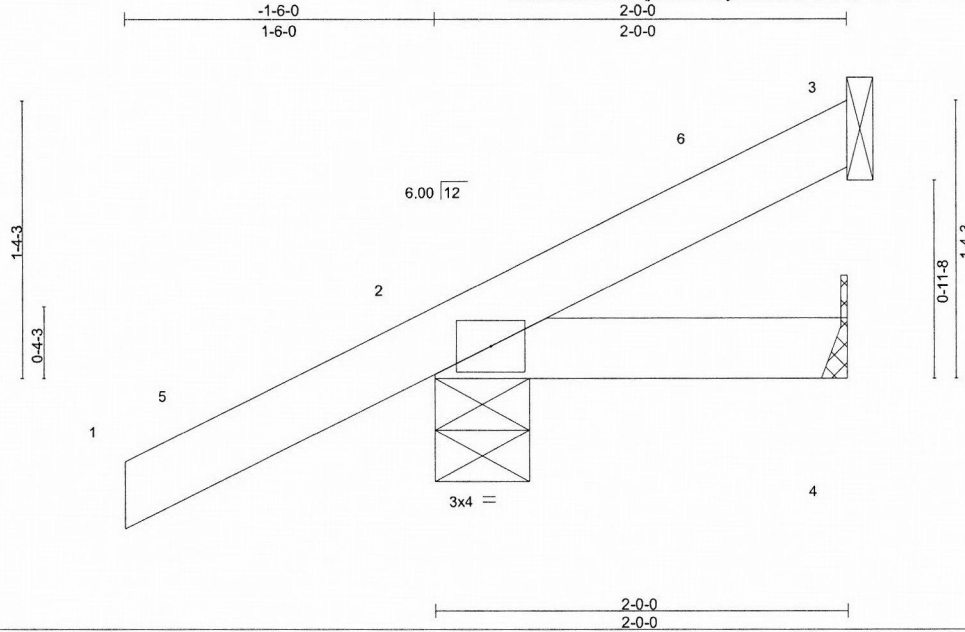
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSITP11 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



250 Klug Circle
Corona, CA 92880

Job 18-OT11024	Truss E02	Truss Type Monopitch	Qty 2	Ply 1	Ernie Jette	K4421921
PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015						

8.210 s Feb 12 2018 MiTek Industries, Inc. Tue Mar 27 12:01:52 2018 Page 1
ID:UKXeAVNW63qjThhwCGNjlkzWlzs-uPb4FQBLCpssP41oB93WkFCq22hxtVjX46SyizWklz



LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0	Plate Grip DOL	1.15	TC 0.14	Vert(LL)	-0.00	2	>999	MT20	220/195
TCDL 7.0	Lumber DOL	1.15	BC 0.03	Vert(CT)	-0.00	2-4	>999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	-0.00	3	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-P						
									Weight: 8 lb FT = 0%

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS.

(lb/size) 2=220/0-5-8, 4=19/Mechanical, 3=23/Mechanical
Max Horz 2=73(LC 12)
Max Uplift 2=-80(LC 12), 3=-24(LC 12)
Max Grav 2=220(LC 1), 4=39(LC 3), 3=23(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 1-11-14 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Refer to girder(s) for truss to truss connections.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 3.



EXPIRES: 12-31-2019
March 27, 2018

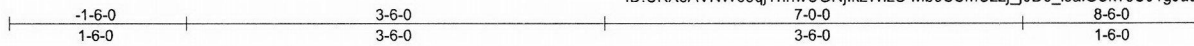
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



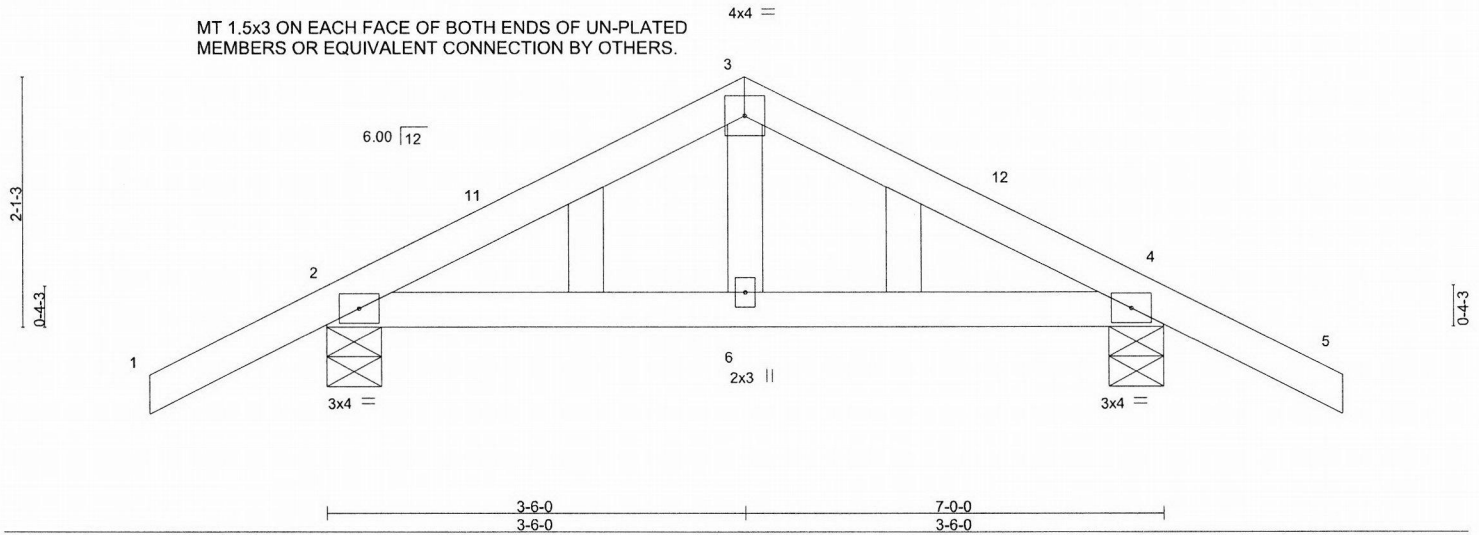
250 Klug Circle
Corona, CA 92880

Job 18-OT11024	Truss F01	Truss Type GABLE	Qty 2	Ply 1	Ernie Jette	K4421922
PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015						8.210 s Feb 12 2018 MiTek Industries, Inc. Tue Mar 27 12:01:53 2018 Page 1
Job Reference (optional)						ID:UKXeAVNW63qjThhwCGNjlkzWlzS-Mb9SSmCzzj_j0Dc_IsalGSK78S01gJasks?U8zWkly



Scale = 1:18.6

MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.



LOADING (psf)	SPACING-	CSL.	DEFL.	PLATES	GRIP
TCLL 25.0	2-0-0	TC 0.18	in (loc) l/defl L/d	MT20	185/148
TCDL 7.0	Plate Grip DOL 1.15	BC 0.11	Vert(LL) -0.00 2-6 >999 240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.07	Vert(CT) -0.01 2-6 >999 180		
BCDL 10.0	Rep Stress Incr YES	Matrix-P	Horz(CT) 0.00 4 n/a n/a		
	Code IRC2015/TPI2014			Weight: 29 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std
OTHERS 2x4 HF Std

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS.

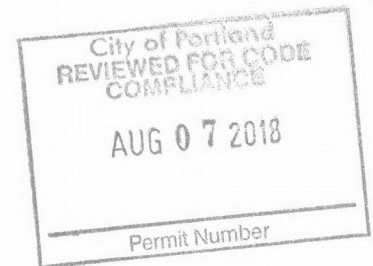
(lb/size) 2=385/0-5-8, 4=385/0-5-8
Max Horz 2=-48(LC 17)
Max Uplift 2=-115(LC 12), 4=-115(LC 13)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-302/80, 3-4=-302/80

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 3-6-0, Exterior(2) 3-6-0 to 6-9-4 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- Gable studs spaced at 1-4-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=115, 4=115.



EXPIRES: 12-31-2019
March 27, 2018

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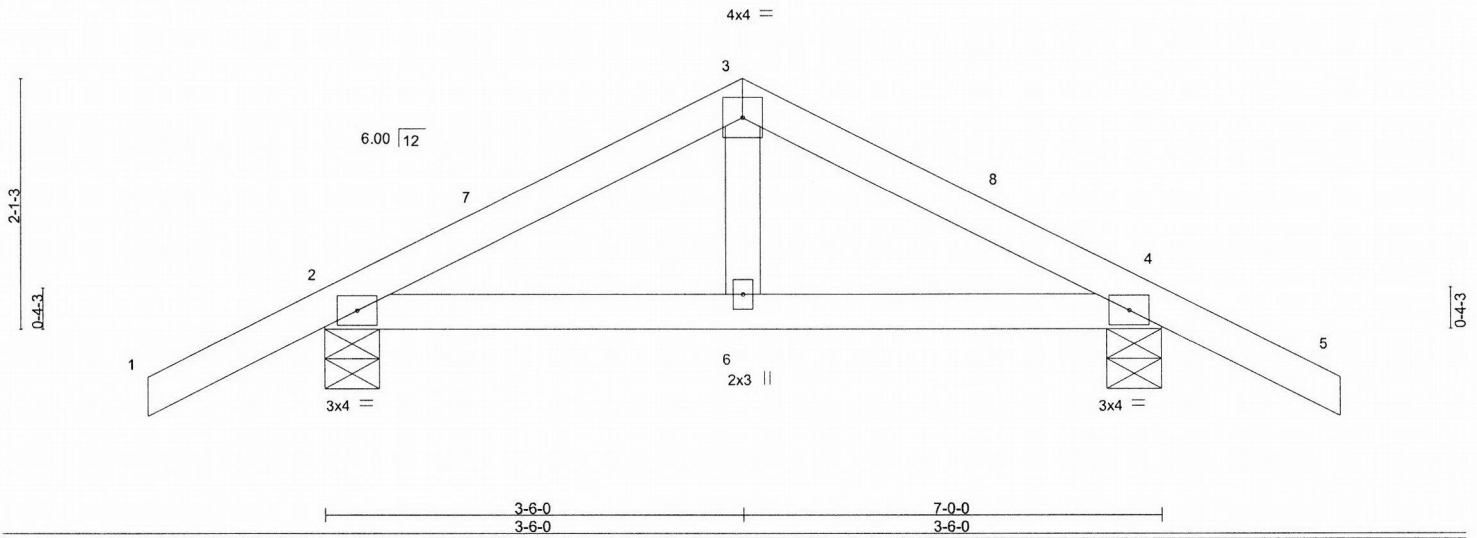
250 Klug Circle
Corona, CA 92880

Job 18-OT11024	Truss F02	Truss Type Common	Qty 2	Ply 1	Ernie Jette	K4421923
PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015						Job Reference (optional)

8.210 s Feb 12 2018 MiTek Industries, Inc. Tue Mar 27 12:01:54 2018 Page 1
ID:UKXeAVNW63qjThhwCGNjlkzWlzS-qojrg6Dbk16aeNBla5_pgHAusMGPMq?_ObZ0azWklx



Scale = 1:18.6



LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 25.0	Plate Grip DOL	1.15	TC 0.18	Vert(LL)	-0.00	2-6	>999	240	MT20
TCDL 7.0	Lumber DOL	1.15	BC 0.11	Vert(CT)	-0.01	2-6	>999	180	185/148
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.07	Horz(CT)	0.00	4	n/a	n/a	
BCDL 10.0	Code IRC2015/TPI2014		Matrix-P						
									Weight: 27 lb FT = 0%

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS.

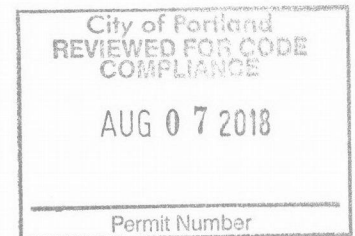
(lb/size) 2=385/0-5-8, 4=385/0-5-8
Max Horz 2=-48(LC 17)
Max Uplift 2=-115(LC 12), 4=-115(LC 13)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-302/80, 3-4=-302/80

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 3-6-0, Exterior(2) 3-6-0 to 6-9-4 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=115, 4=115.



EXPIRES: 12-31-2019
March 27, 2018

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250 Klug Circle
Corona, CA 92880

Job 18-OT11024	Truss F03	Truss Type COMMON	Qty 2	Ply 1	Ernie Jette	K4421924
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PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015

8.210 s Feb 12 2018 MiTek Industries, Inc. Tue Mar 27 12:01:54 2018 Page 1
ID:UKXeAVNW63qjThhwCGNjlkzWlZS-qojrg6Dbk16aeNBla5_pgH8XsMFPmq?_ObZ0azWklx



Scale = 1:16.3

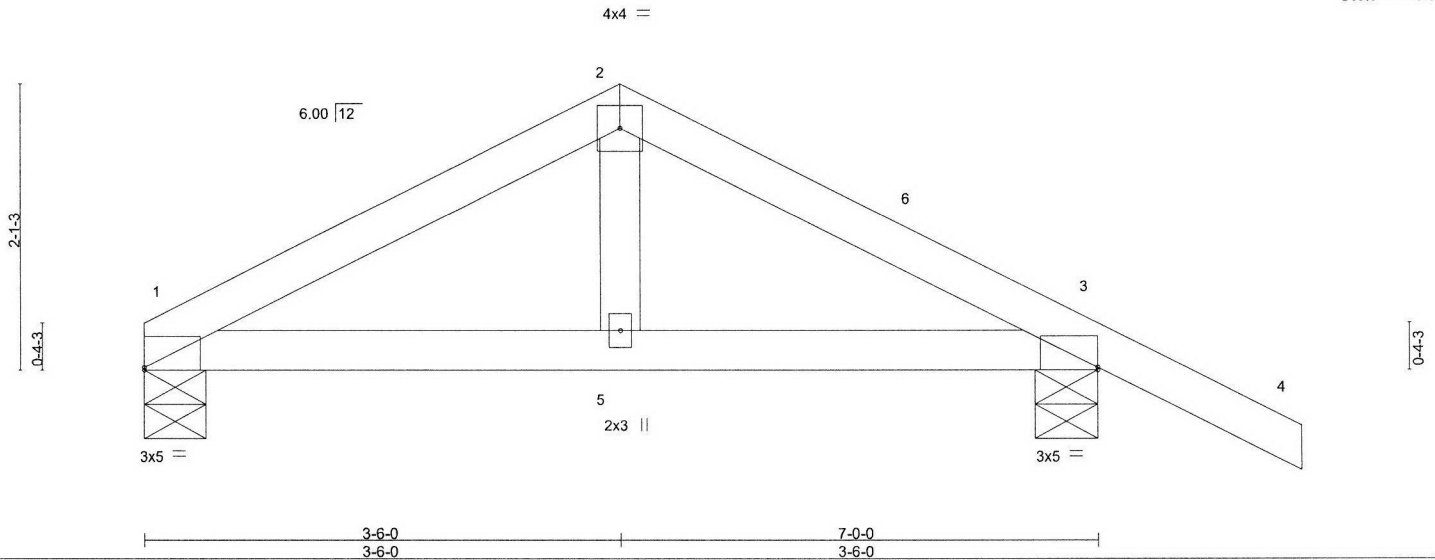


Plate Offsets (X,Y)--		[1:Edge,0-0-4], [3:0-0-0,0-0-4]	
LOADING (psf)	SPACING-	2-0-0	CSI.
TCLL 25.0	Plate Grip DOL	1.15	TC 0.27
TCDL 7.0	Lumber DOL	1.15	BC 0.11
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.07
BCDL 10.0	Code IRC2015/TPI2014		Matrix-P
DEFL.	in	(loc)	l/defl
Vert(LL)	-0.00	1-5	>999
Vert(CT)	-0.01	1-5	>999
Horz(CT)	0.00	3	n/a
PLATES	GRIP		
MT20	185/148		
Weight: 24 lb		FT = 0%	

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std

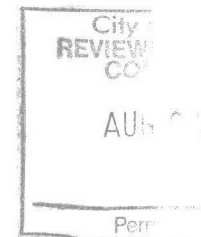
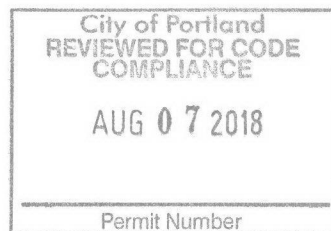
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=260/0-5-8, 3=400/0-5-8
Max Horz 1=-61(LC 17)
Max Uplift 1=-55(LC 12), 3=-118(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-308/217, 2-3=-332/230

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) 0-2-12 to 6-9-4, Exterior(2) 6-9-4 to 8-6-0 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 3=118.



EXPIRES: 12-31-2019
March 27, 2018

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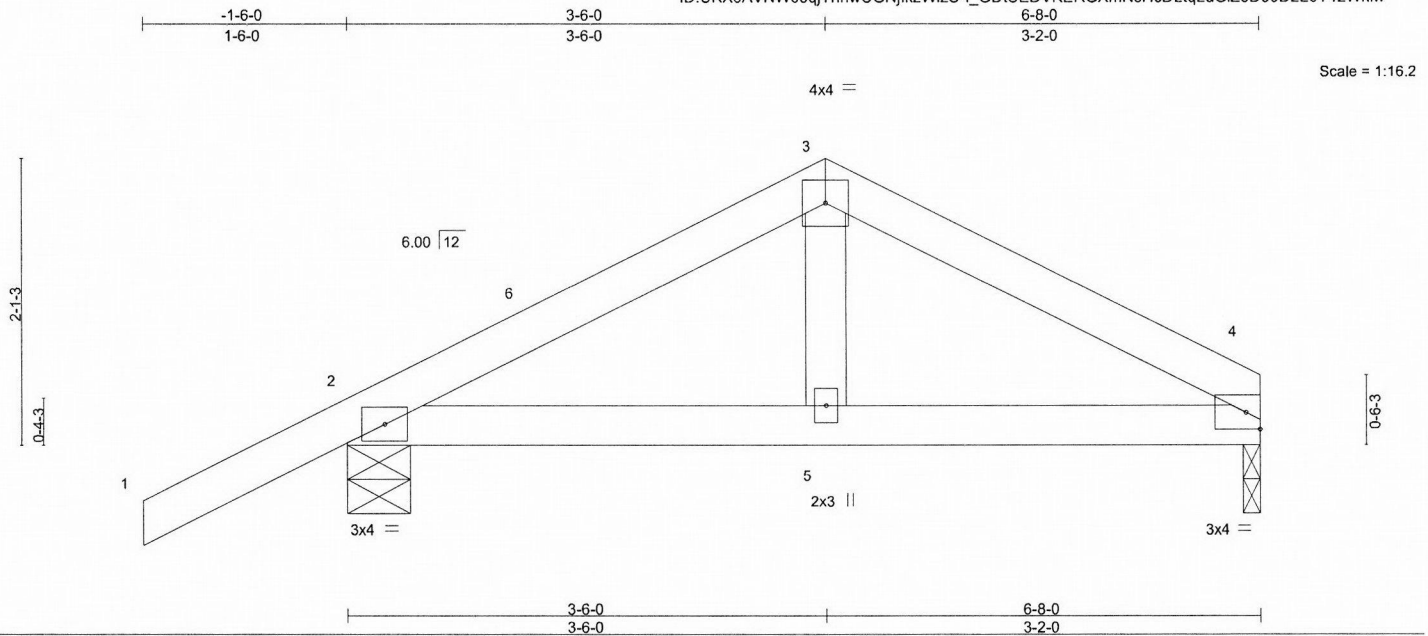


250 Klug Circle
Corona, CA 92880

Job 18-OT11024	Truss F04	Truss Type Common	Qty 2	Ply 1	Ernie Jette	K4421925
PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015						8.210 s Feb 12 2018 MiTek Industries, Inc. Tue Mar 27 12:01:55 2018 Page 1
						ID:UKXeAVNW63qjThhwCGNjlkzWzS-l_GDISEDVKERGXmNsHcDLtqLdGiZ8D59D2L6Y1zWklw
						Job Reference (optional)

PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015

8.210 s Feb 12 2018 MiTek Industries, Inc. Tue Mar 27 12:01:55 2018 Page 1
ID:UKXeAVNW63qjThhwCGNjlkzWzS-l_GDISEDVKERGXmNsHcDLtqLdGiZ8D59D2L6Y1zWklw



LOADING (psf)	SPACING-	CSL.	DEFL.	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 25.0	2-0-0	TC 0.18	Vert(LL)	-0.00	2-5	>999	240	MT20	185/148
TCDL 7.0	Plate Grip DOL 1.15	BC 0.10	Vert(CT)	-0.01	2-5	>999	180		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.07	Horz(CT)	0.00	4	n/a	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-P							
	Code IRC2015/TPI2014								
								Weight: 24 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 4=253/0-1-8, 2=393/0-5-8
Max Horz 2=61(LC 16)
Max Uplift 4=52(LC 13), 2=-117(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-318/128, 3-4=-297/123

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 3-6-0, Exterior(2) 3-6-0 to 6-7-4 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 2=117.



EXPIRES: 12-31-2019
March 27, 2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

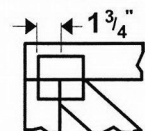
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



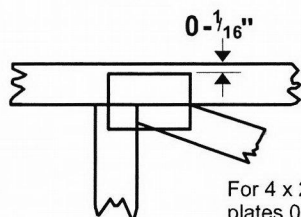
250 Klug Circle
Corona, CA 92680

Symbols

PLATE LOCATION AND ORIENTATION



Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and fully embed teeth.



For 4 x 2 orientation, locate plates 0- 1/16\" from outside edge of truss.



This symbol indicates the required direction of slots in connector plates.

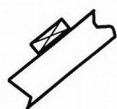
* Plate location details available in MiTek 20/20 software or upon request.

PLATE SIZE

4 x 4

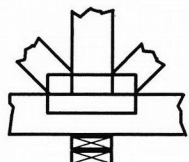
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



Indicated by symbol shown and/or by text in the bracing section of the output. Use T or I bracing if indicated.

BEARING

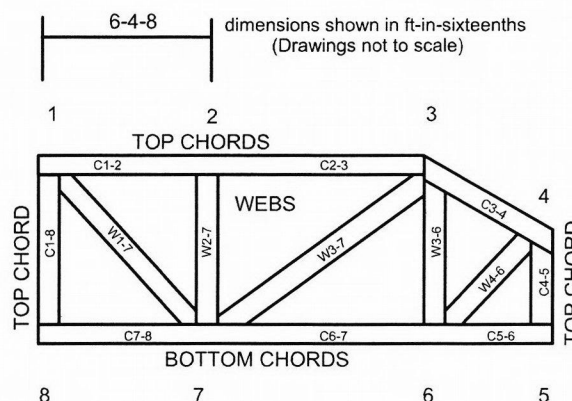


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

PRODUCT CODE APPROVALS

ICC-ES Reports:

ESR-1311, ESR-1352, ESR1988
ER-3907, ESR-2362, ESR-1397, ESR-3282

Trusses are designed for wind loads in the plane of the truss unless otherwise shown.

Lumber design values are in accordance with ANSI/TPI 1 section 6.3 These truss designs rely on lumber values established by others.

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MiTek Engineering Reference Sheet: MII-7473 rev. 10/03/2015



General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative Tor I bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
8. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.