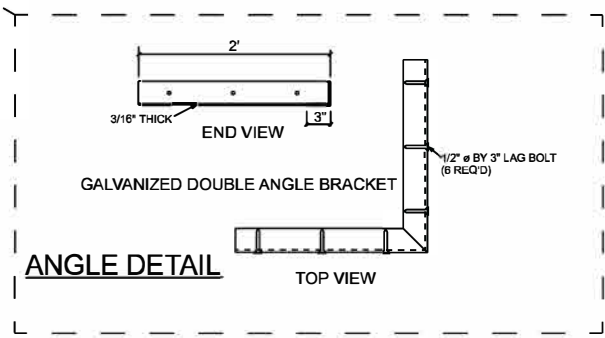


FOUNDATION PLAN
 SCALE: 3/16" = 1'-0"



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CONTRACTOR
Denco West Inc.

STARTING DATE:	LAST REVISION DATE:
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CUSTOMER:

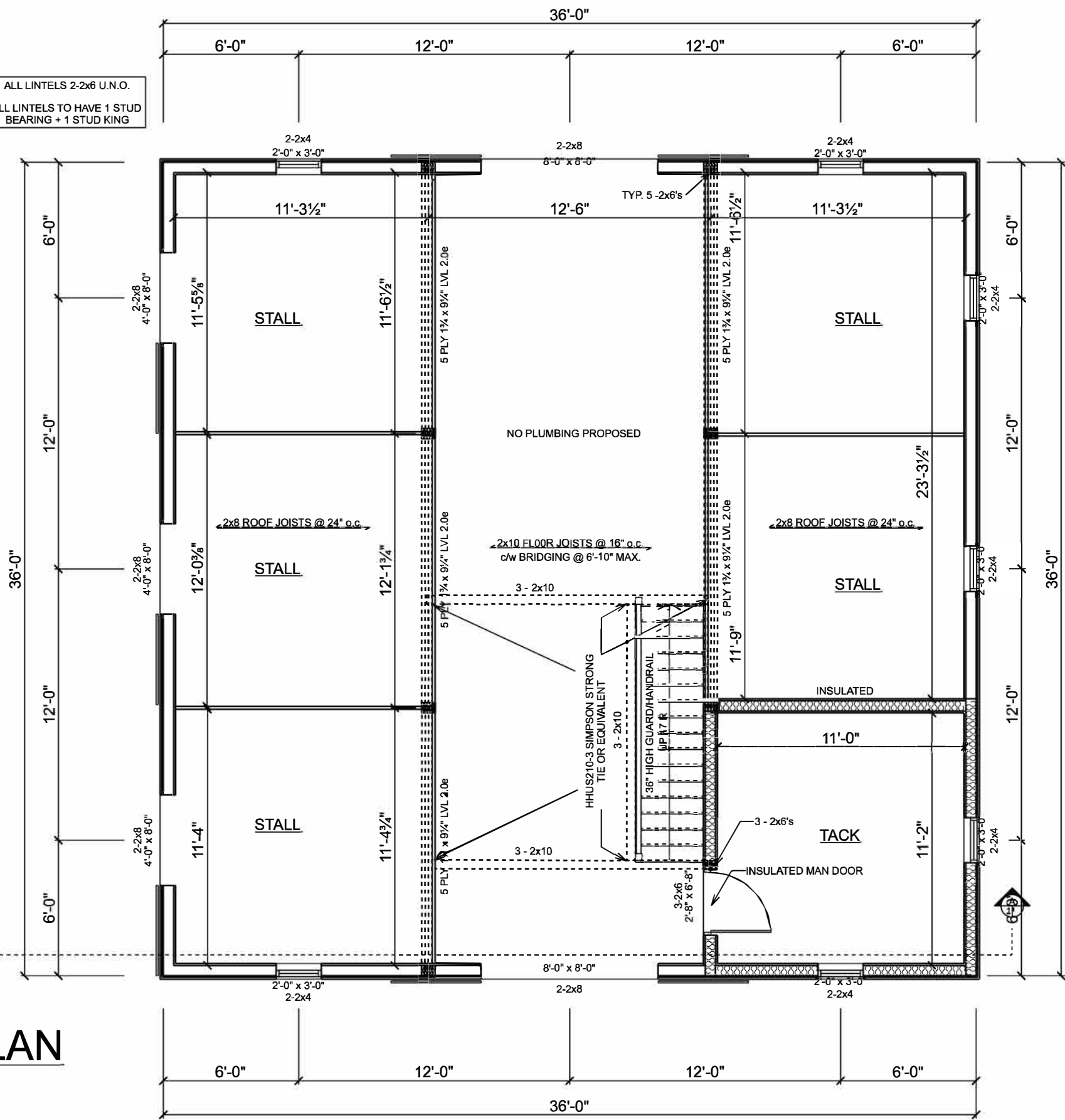
PROJECT:
36x36 Western Barn

DRAWING TITLE:
Foundation Plan

DRAWING #:	PAGE #:
SCALE:	1 of 8

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ALL LINTELS 2-2x6 U.N.O.
ALL LINTELS TO HAVE 1 STUD BEARING + 1 STUD KING

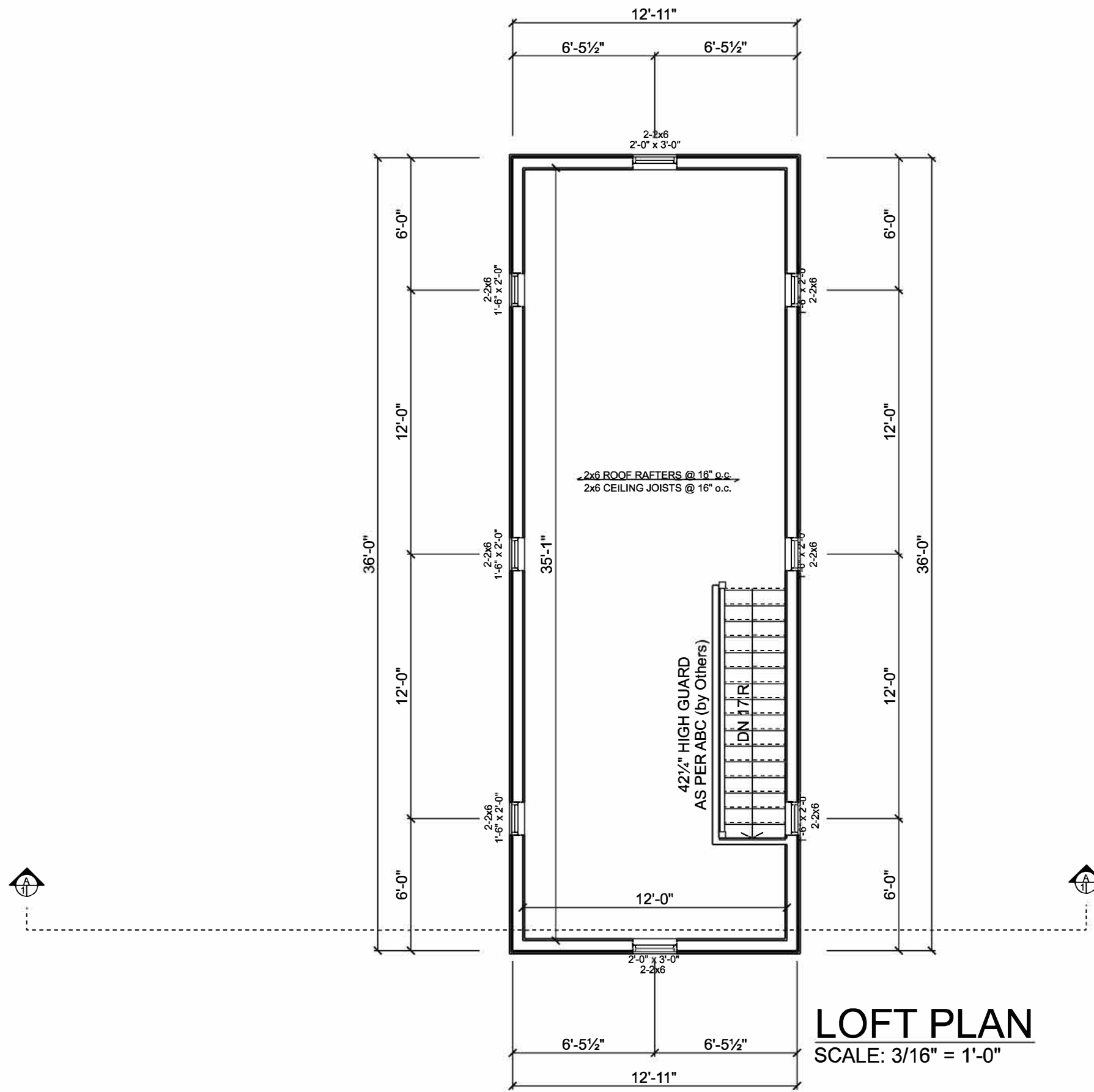


FLOOR PLAN

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

CONTRACTOR	
Denco West Inc.	
STARTING DATE:	LAST REVISION DATE:
CUSTOMER:	
PROJECT:	
36x36 Western Barn	
DRAWING TITLE:	
Floor Plan	
DRAWING #:	PAGE #:
SCALE:	2 of 8

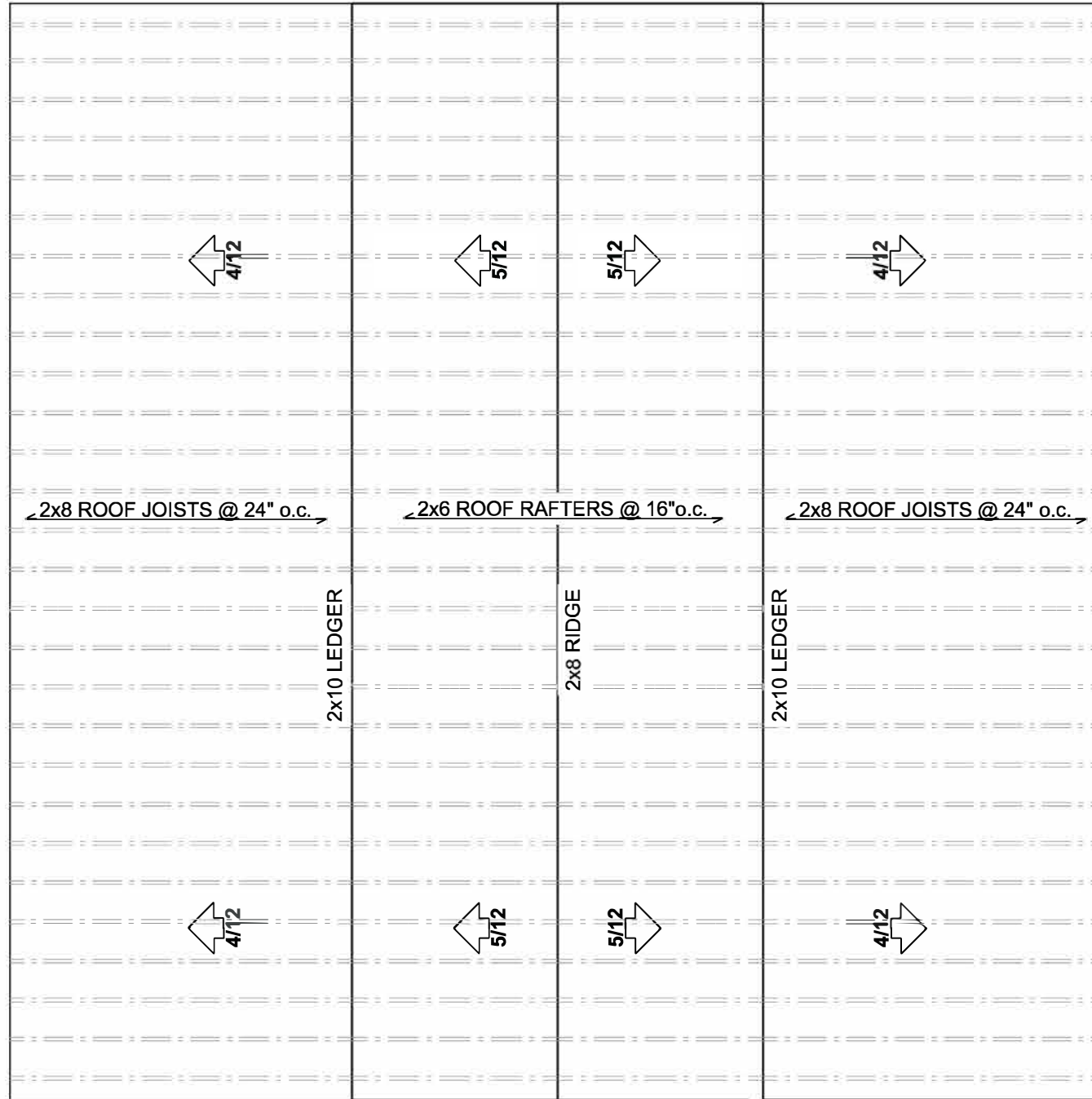
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LOFT PLAN
 SCALE: 3/16" = 1'-0"

CONTRACTOR	
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PROJECT:	
36x36 Western Barn	
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Loft Plan	
DRAWING #:	PAGE #:
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ROOF PLAN

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

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CONTRACTOR

STARTING DATE:	LAST REVISION DATE:
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CUSTOMER:

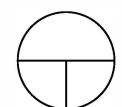
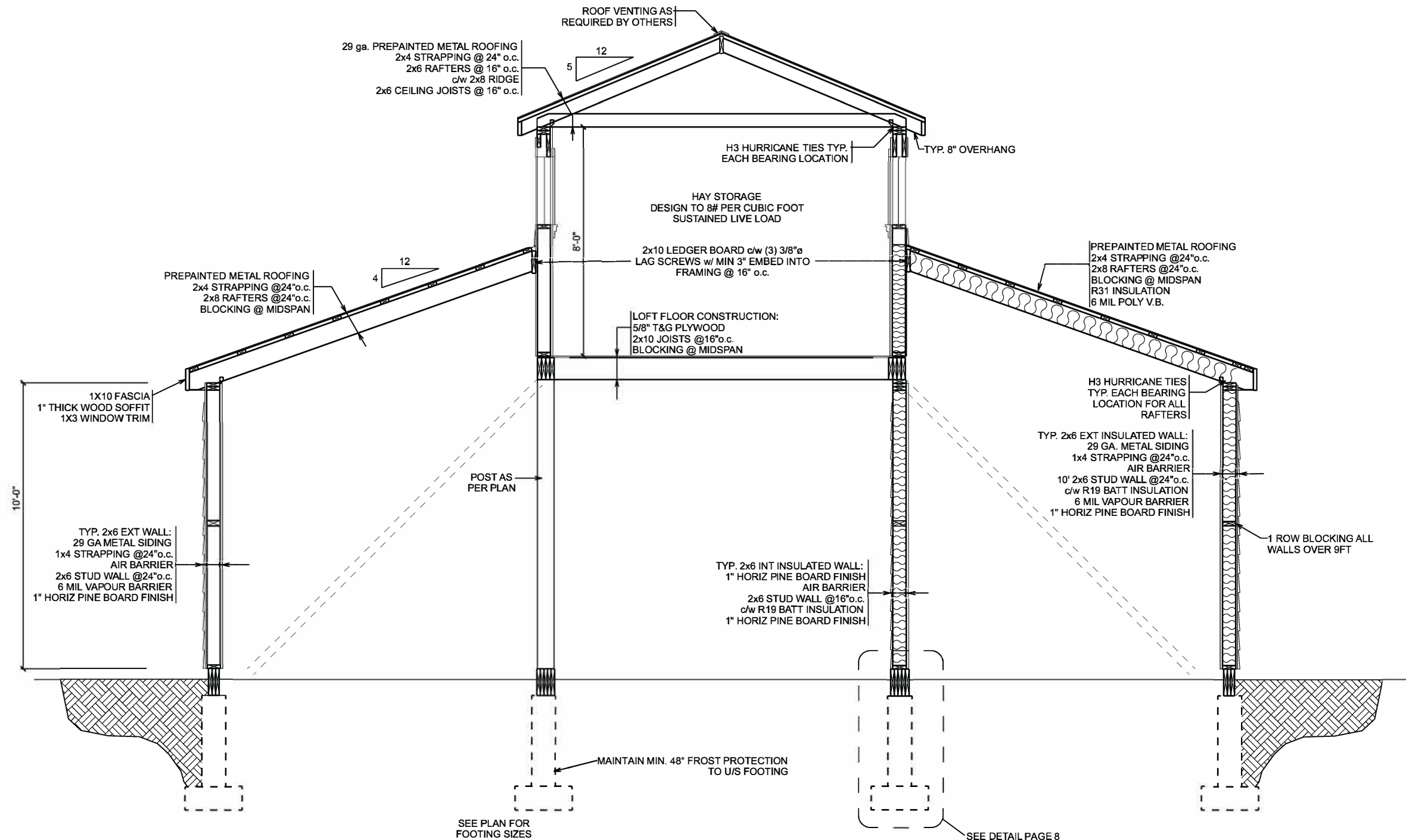
PROJECT: 36x36 Western Barn

DRAWING TITLE: Roof Plan

DRAWING #:	PAGE #:
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SCALE:	
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CROSS SECTION A

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

CONTRACTOR:
Denco West Inc.

DRAWN BY:

PROJECT:
36x36 Western Barn

DRAWING TITLE:
Cross Section A

STARTING DATE:

DRAWING #:

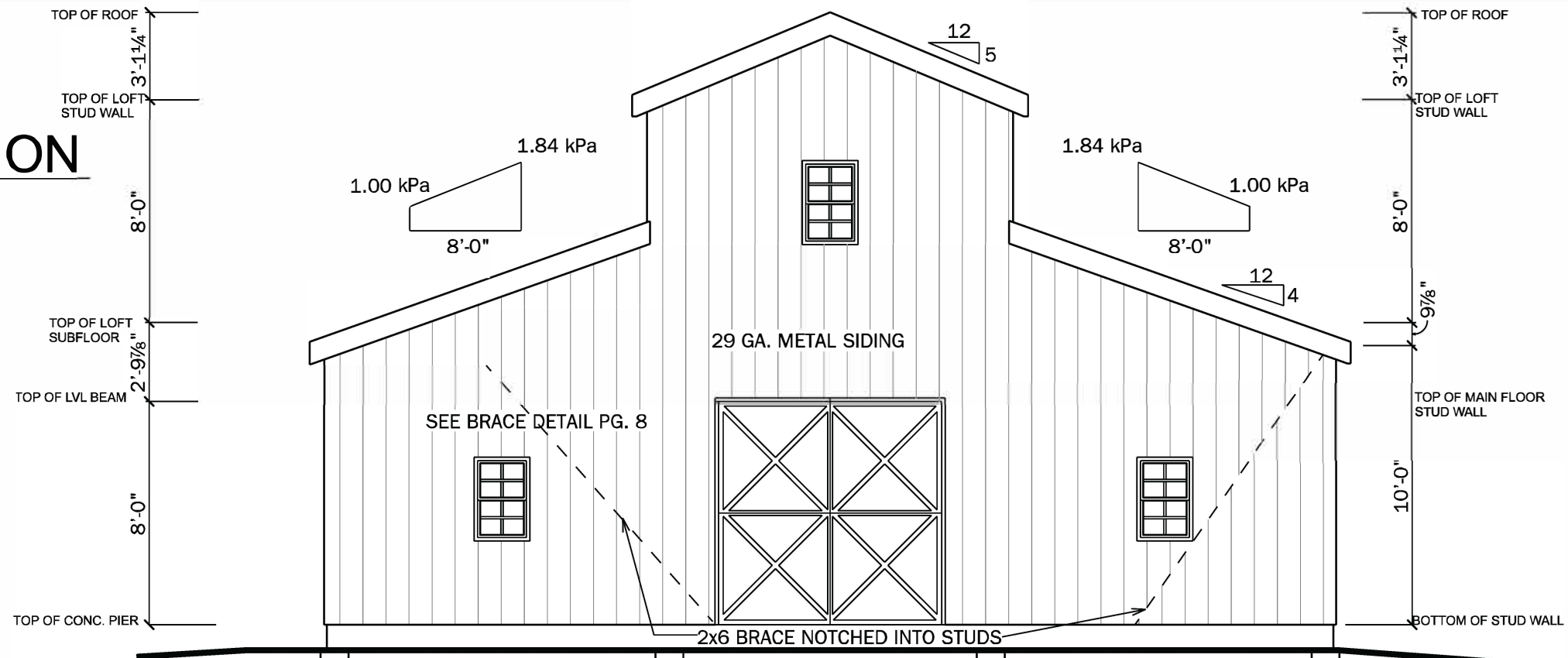
SCALE:

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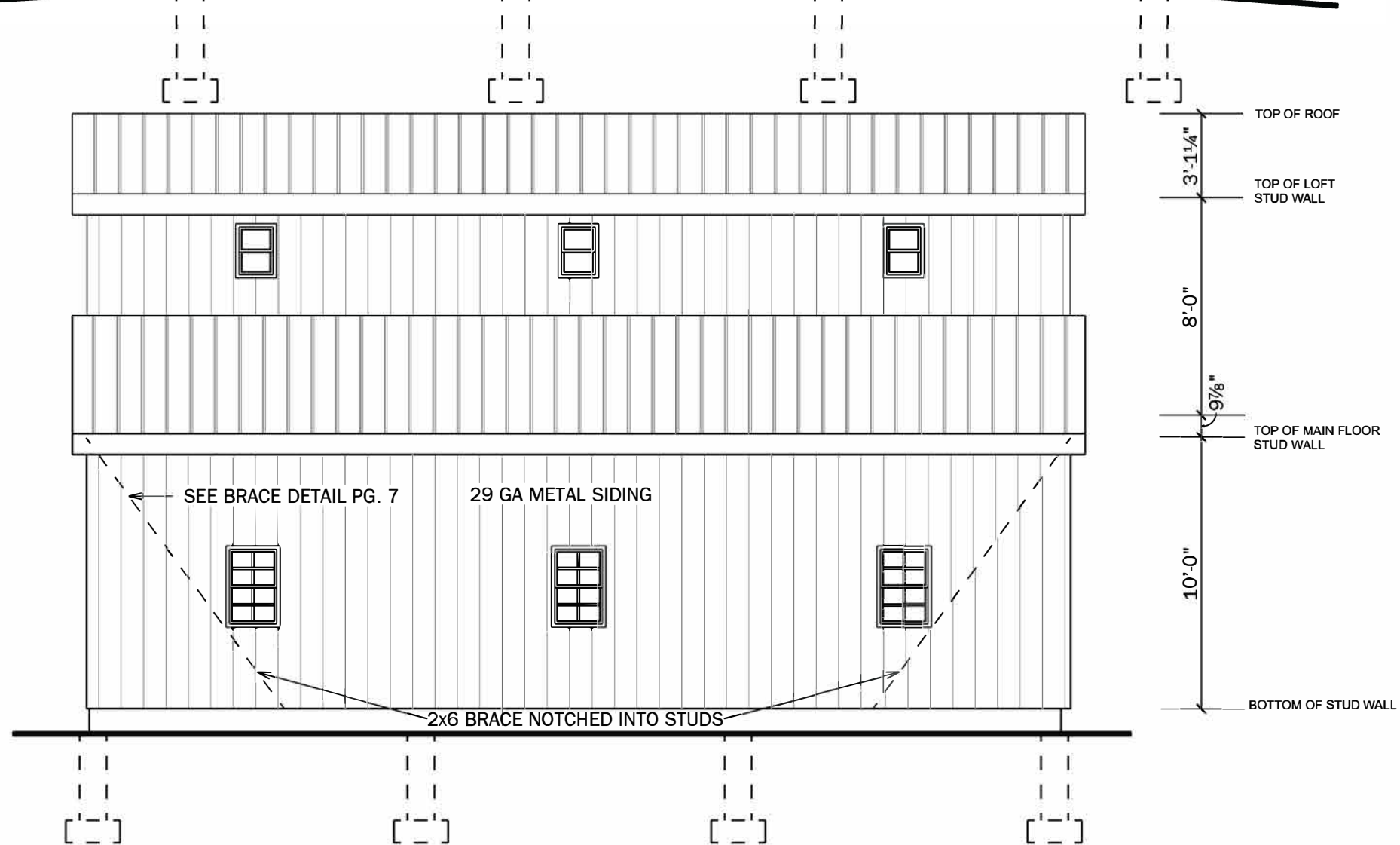
FRONT ELEVATION

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



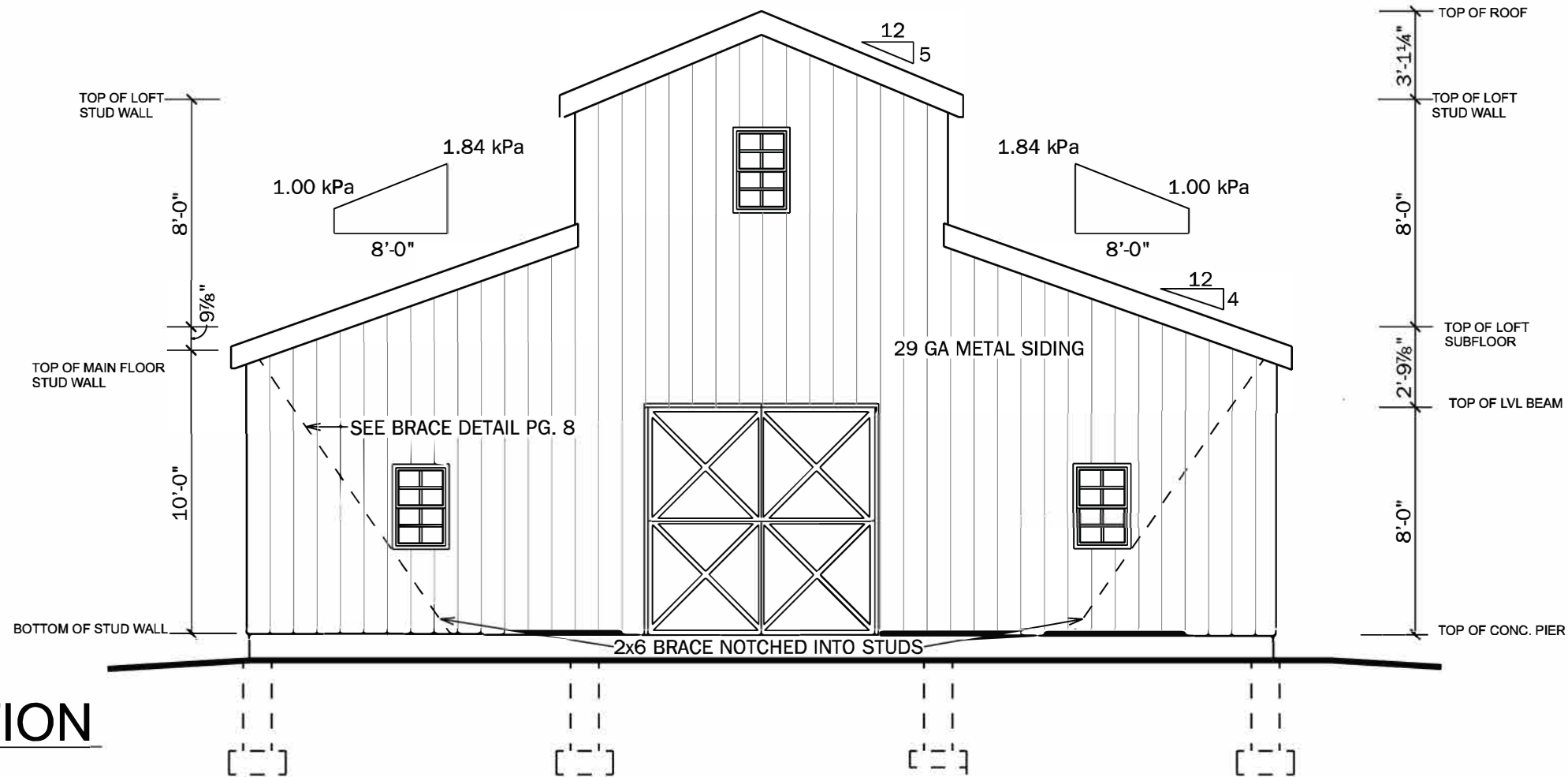
RIGHT ELEVATION

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



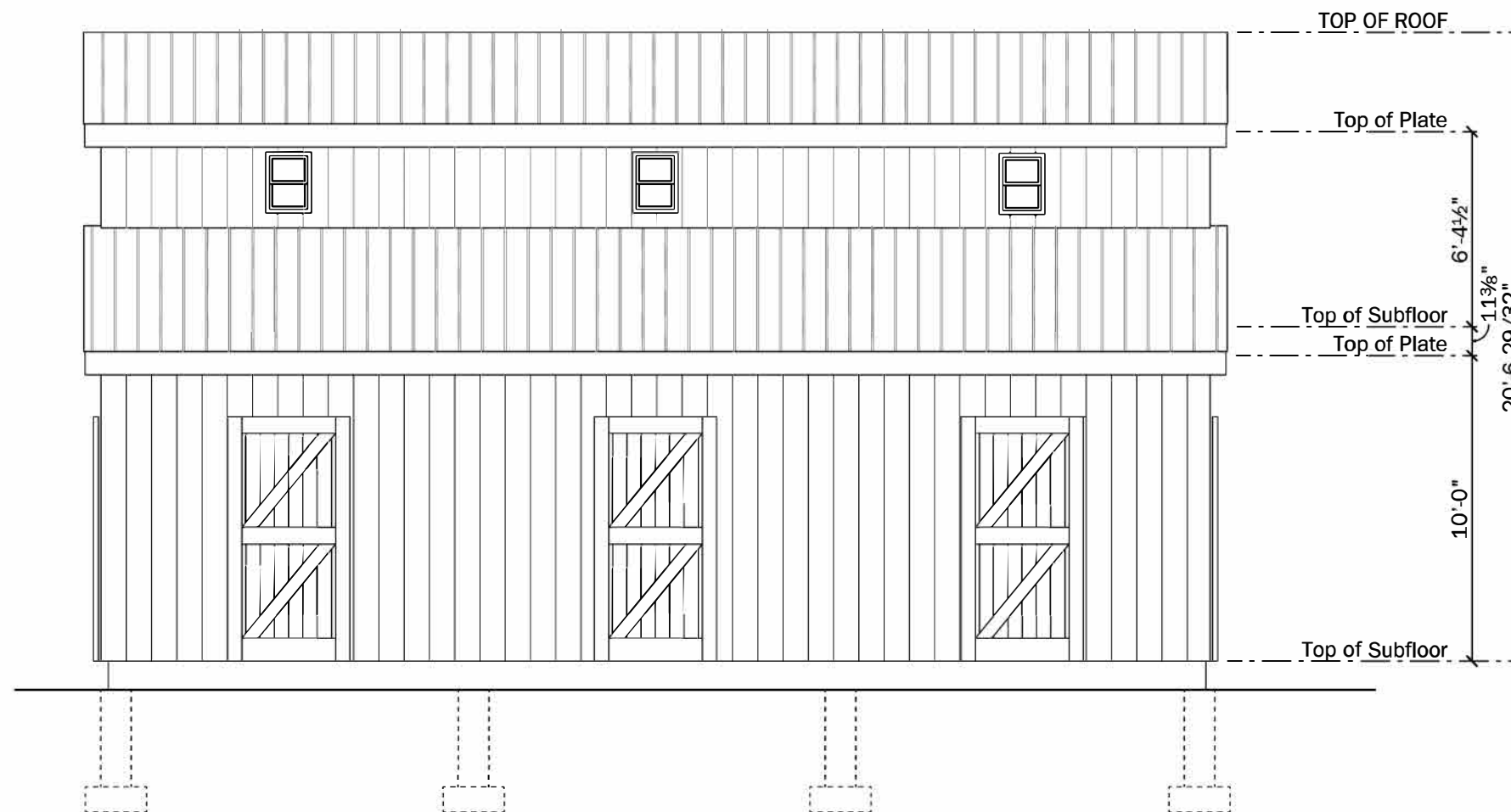
CONTRACTOR	
Denco West Inc.	
STARTING DATE:	LAST REVISION DATE:
CUSTOMER:	
PROJECT:	
36x36 Western Barn	
DRAWING TITLE:	
Front & Right Elevations	
DRAWING #:	PAGE #:
SCALE:	6 of 8

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REAR ELEVATION

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



LEFT ELEVATION

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

CONTRACTOR	
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STARTING DATE:	LAST REVISION DATE:
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36x36 Western Barn	
DRAWING TITLE:	
Rear & Left Elevations	
DRAWING #:	PAGE #:
SCALE:	7 of 8

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GENERAL CONSTRUCTION NOTES:

1. THE INFORMATION ON THIS SET OF CONSTRUCTION DOCUMENTS IS RELATED TO BASIC DESIGN INTENT AND FRAMING DETAILS. THEY ARE INTENDED AS A CONSTRUCTION AID, NOT A SUBSTITUTE FOR GENERALLY ACCEPTED GOOD BUILDING PRACTICE AND COMPLIANCE WITH CURRENT NATIONAL BUILDING CODES. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING STANDARD CONSTRUCTION DETAILS AND PROCEDURES TO ENSURE A PROFESSIONALLY FINISHED, STRUCTURALLY SOUND AND WEATHERPROOF COMPLETED PRODUCT.
 2. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL WORK AND CONSTRUCTION MEETS CURRENT FEDERAL, PROVINCIAL, COUNTY AND LOCAL CODES, ORDINANCES AND REGULATIONS, ETC. THESE CODES ARE TO BE CONSIDERED AS PART OF THE SPECIFICATIONS FOR THIS BUILDING AND SHOULD BE ADHERED TO EVEN IF THEY ARE IN VARIANCE WITH THE PLAN.
 3. DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE DRAWINGS (DO NOT SCALE DRAWINGS).
 4. ALL DIMENSIONS MUST BE JOB SITE CHECKED BY CONTRACTOR AND VERIFIED. DISCREPANCIES MUST BE REPORTED BEFORE COMMENCING WORK.
 5. THE DESIGNER HAS NOT BEEN ENGAGED FOR CONSTRUCTION SUPERVISION AND ASSUMES NO RESPONSIBILITY FOR CONSTRUCTION COORDINATING WITH THESE PLANS, NOR RESPONSIBILITY FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.
 6. INTERIOR DIMENSIONS TO BE CALCULATED FROM STUD TO STUD.
 7. EXTERIOR DIMENSIONS TO BE CALCULATED FROM OUTSIDE OF STRAPPING.
 8. WINDOW SUPPLIERS TO SUPPLY R.S.O. FOR ALL WINDOWS AND DOORS.
 9. ALL LIGHTING AND ELECTRICAL WORK IS TO COMPLY WITH NBC.
- EXCAVATION AND BACKFILL:**
1. REMOVE ALL TOPSOIL AND DELETERIOUS MATERIAL FROM BELOW BUILDING.
 2. SLOPE GRADE TO DRAIN AWAY FROM BUILDING AS INDICATED ON THE DRAWINGS.
 3. ALL FOOTINGS TO BE CONSTRUCTED 48" MINIMUM BELOW GRADE TO OBTAIN ADEQUATE FROST COVER.
 4. EXCAVATE FOR FOOTINGS AND FLOOR SLAB TO SOUND SUBGRADE SUITABLE FOR 3000 PSF ALLOWABLE BEARING CAPACITY. VERIFICATION OF SOIL CAPACITY TO BE CARRIED OUT BY A QUALIFIED GEOTECHNICAL CONSULTANT PRIOR TO CONSTRUCTION OF FOOTINGS.
 5. SHOULD GROUND WATER BE ENCOUNTERED NOTIFY ENGINEER PRIOR TO CONSTRUCTION OF FOOTINGS.
 6. CUT AND CAP OR REROUTE ALL FIELD TILES FOUND.

GENERAL NOTES:

1. DESIGN AND CONSTRUCTION OF ALL WORK ON THIS PROJECT SHALL CONFORM TO LATEST EDITIONS OF THE FOLLOWING:
 - NATIONAL BUILDING CODE
 - FARM BUILDING CODE
 - LOCAL REGULATIONS
 - OHSA REGULATIONS
2. DRAWINGS ARE NOT TO BE SCALED.
3. THE CONTRACTOR SHALL CHECK AND VERIFY ALL SITE CONDITIONS AND MEASUREMENTS AND REPORT ANY DISCREPANCIES TO THE DESIGNER.
4. NO CHANGES SHALL BE MADE WITHOUT THE DESIGNER'S APPROVAL.
5. CONTRACTOR SHALL MAKE ADEQUATE PROVISIONS FOR TEMPORARY BRACING AND SHORING. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN LOADS NOTED ON DRAWINGS.
6. SUBMIT SHOP DRAWINGS PRIOR TO FABRICATION FOR THE FOLLOWING: - ROOF TRUSSES (CERTIFIED BY P.ENG.)

CONCRETE / FOUNDATION:

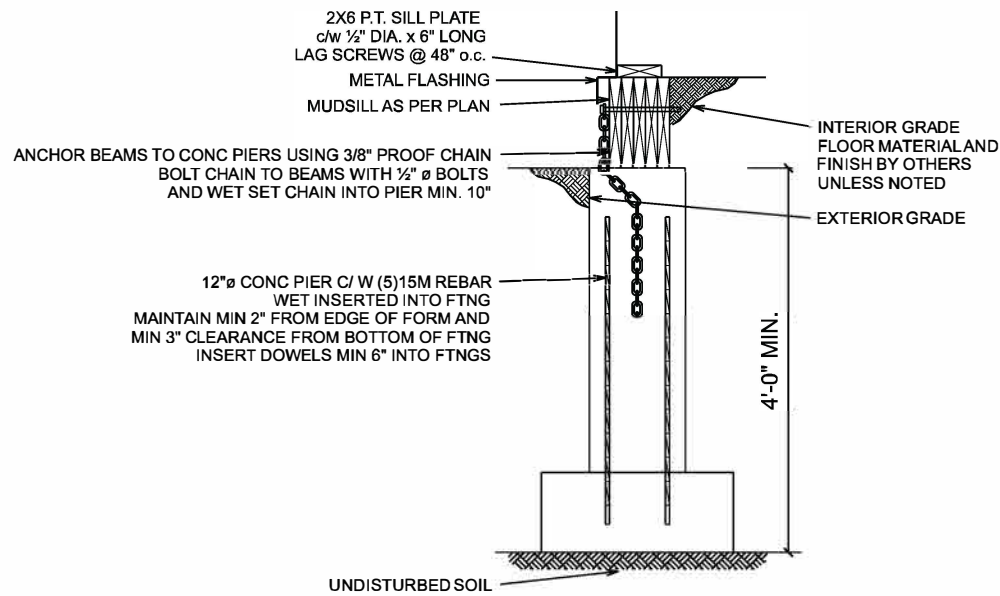
1. MINIMUM CONCRETE STRENGTH: CONCRETE SPECIFICATIONS FOOTINGS 20 MPa FOUNDATION WALLS 25 MPa SLABS ON GRADE 30 MPa CONCRETE IN CONTACT WITH MANURE 32 MPa
2. CONCRETE CODES: CONFORM TO CSA 23.1.2,3 MANUAL OF STANDARD PRACTICE BY R.S.I.O REBAR 400 MPa
3. SLUMP: 3" SLUMP +/- 1"
4. CONCRETE TESTING: BY CSA CERTIFIED CONCRETE TESTING LABORATORY
5. SLABS: SAW-CUT TO 1/4" OF SLAB DEPTH SPACING AT 30 TIMES SLAB DEPTH CUT WITHIN 24HRS OF SLAB PLACEMENT
6. REINFORCING REBAR SPLICES SHALL BE OVERLAPPED AT LEAST 18". REBAR IN FOOTINGS SHALL HAVE A COVERAGE OF AT LEAST 3". ALL OTHER CONCRETE COVERAGE FOR STRUCTURAL REINFORCEMENT SHALL BE NOT LESS THAN 2".

FRAMING NOTES:

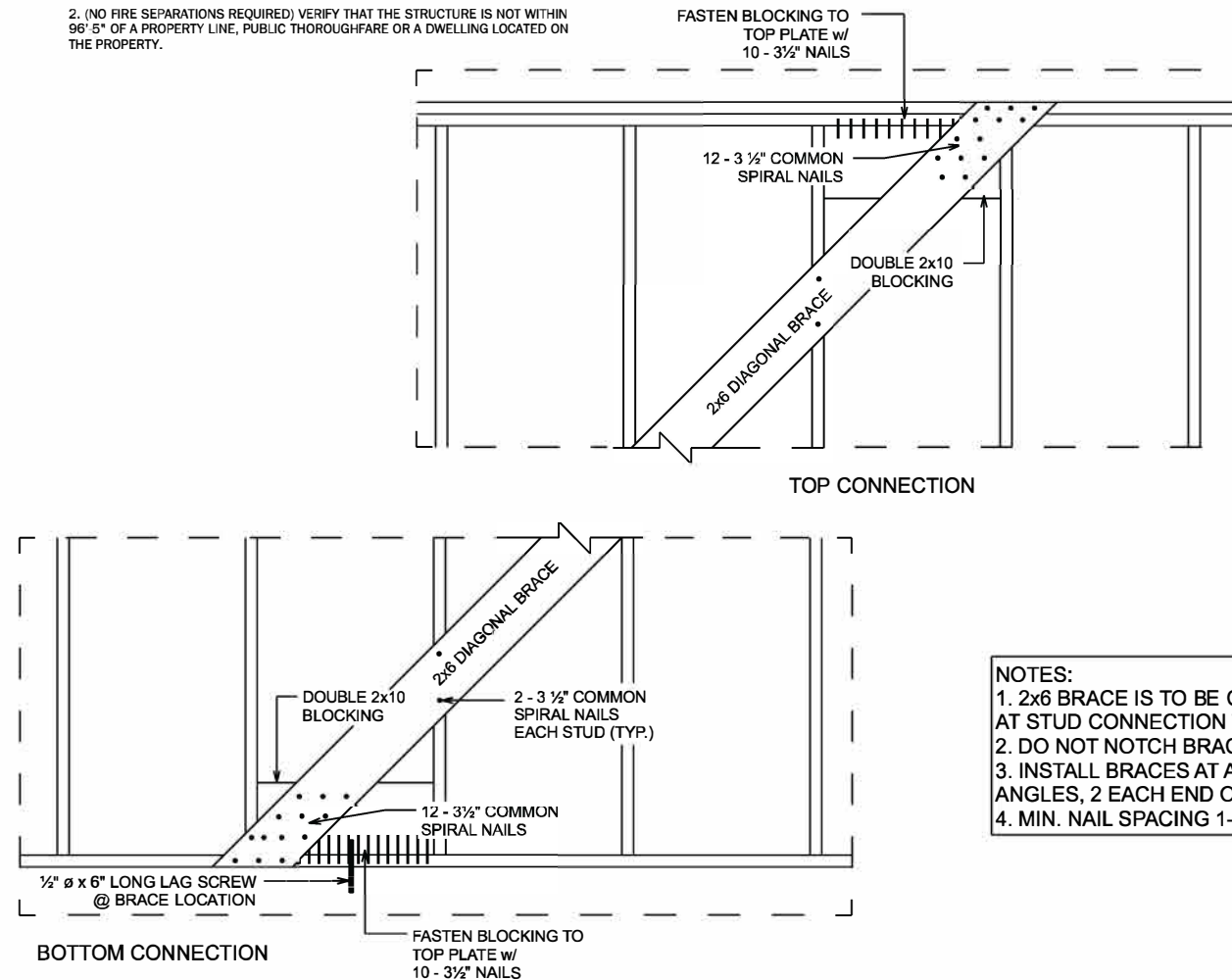
1. ALL DIMENSIONS, INCLUDING ROUGH OPENING SIZES, SHALL BE CONFIRMED BEFORE CONSTRUCTION. DIMENSION DISCREPANCIES SHALL BE REPORTED IMMEDIATELY.
 2. STUD WALLS SHALL BE ANCHORED TO FOUNDATION OR GRADE BEAMS WITH 1/2" BOLTS OR LAG SCREWS (MIN. 4" EMBED) @ 48" SPACINGS AND WITHIN 6" OF ENDS OR CORNERS
 3. WIND-BRACING SHALL BE PROVIDED @ 45 DEGREE ANGLES ON ALL EXTERIOR WALL CORNERS AS PER ELEVATION DETAILS
 5. THE CONTRACTOR SHALL ENSURE ANY TEMPORARY BRACINGS OF WALLS OR TRUSSES ARE ADEQUATE
 6. ALL TRUSS BRACING SHALL BE IN ACCORDANCE WITH THE APPROVED ENGINEERED DRAWINGS OF THE TRUSS MANUFACTURER. DIAGONAL BRACING MUST BE PROVIDED ON ALL MEMBERS THAT REQUIRE LATERAL BRACING. TRUSS SHOP DRAWINGS SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER WHERE REQUIRED AND REVIEWED BY THE CONTRACTOR FOR DIMENSIONAL CORRELATION WITH THE DRAWINGS AND FIELD CONDITIONS
 7. ALL WOOD SHALL BE NO. 2 SPRUCE OR BETTER.
 8. STUDS SHALL BE SECURED TO PLATES WITH 4 3-1/4" NAILS.
 9. PRECAUTIONS SHALL BE TAKEN TO NOT OVERLOAD THE STRUCTURE DURING CONSTRUCTION.
 10. ALL FASTENERS INTO P.T. LUMBER TO BE STAINLESS OR HOT-DIPPED GALVANIZED.
- STRUCTURAL STEEL:**
1. ALL STEEL SHALL BE DESIGNED, FABRICATED AND ERECTED IN CONFORMANCE TO CAN/CSA-S16-09 AND THE NATIONAL BUILDING CODE.
 2. ALL STEEL TO BE NEW MEMBERS 3. STRUCTURAL STEEL SHALL CONFORM TO CSA G40.21-300W, G40.21M-350W CLASS C FOR HSS AND G40.21M-350W FOR W SHAPES.
 4. WELDING SHALL CONFORM TO CSA - W59 - 03 LATEST EDITION. ELECTRODES SHALL BE E70XX OR BETTER
 5. CONNECTION BOLTS SHALL BE ASTM A-325 HIGH STRENGTH BOLTS UNLESS NOTED OTHERWISE
 6. ALL BOLTED CONNECTIONS SHALL BE BEARING TYPE UNLESS NOTED OTHERWISE
 7. ALL CONNECTION SHALL BE INSPECTED AS PER CAN/CSA - S16 - 09
- FIRE SEPARATION (N.F.B.C. 3.1.1.2 - 1 STOREY BLDG):**
1. ONE STOREY BUILDING: 1728 SQ.FT. PROPOSED
 2. (NO FIRE SEPARATIONS REQUIRED) VERIFY THAT THE STRUCTURE IS NOT WITHIN 96' 5" OF A PROPERTY LINE, PUBLIC THOROUGHFARE OR A DWELLING LOCATED ON THE PROPERTY.

EGRESS FARM NOTES:

1. MAXIMUM TRAVEL DISTANCE TO AN EXIT SHALL BE 45m (147ft) IN ACCORDANCE WITH ARTICLE 3.2.1.4 (1) OF C.F.B.C.
 2. WINDOWS USED AS EXITS REQUIRE A MINIMUM OPENING OF 22"x 36".
 3. ALL OPENINGS REQUIRED AS EXITS ARE TO BE CLEARLY AND VISIBLY MARKED AS EXITS.
 4. EXITS MUST BE ACCESSIBLE AT ALL TIMES.
- DESIGN LOADS:**
1. DESIGN LOADS UNFACTORED U.N.O. AND DO NOT INCLUDE IMPORTANCE FACTOR.
- CLIMATIC DATA (CALGARY, AB)**
- Ss = 1.1 KPA
 Sr = 0.1 KPA
 q(1/10) = 0.37 KPA
- ROOF (DEAD LOAD) = 0.75 KPA (CEILING)
 4/12 PITCH (SLIPPERY ROOF/NON-SOLAR)
 SNOW LOAD = 1.00 KPA BALANCED
 = 1.00 KPA UNBALANCED
 5/12 PITCH (SLIPPERY ROOF/NON-SOLAR)
 SNOW LOAD = 1.00 KPA BALANCED
 = 1.00 KPA UNBALANCED
- MAIN FLOOR LOAD = 5.0 KPA (HORSES)
 LOFT = 3.0 KPA (LIVE LOAD)
 = 0.5 KPA (DEAD LOAD)
2. THIS BUILDING IS DESIGNED FOR 'LOW HUMAN OCCUPANCY'.



Pier Detail
SCALE: 1/2" = 1'-0"



- NOTES:**
1. 2x6 BRACE IS TO BE CONTINUOUS AND END AT STUD CONNECTION TO PLATE.
 2. DO NOT NOTCH BRACES INTO STUDS
 3. INSTALL BRACES AT APPROXIMATELY 45 DEG. ANGLES, 2 EACH END OF WALLS
 4. MIN. NAIL SPACING 1-1/4".

DIAG. BRACING DETAIL
SCALE: 1/2" = 1'-0"

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