

NELSON STRUCTURAL ENGINEERING
2620 STEIN BOULEVARD
EAU CLAIRE, WI 54701
(715) 836-9794

CANFIELD CONSTRUCTION

Wisconsin Window Concepts

Addition - Waukeshua, WI

DESIGN LOADS

Ground Snow, Pg = 30 psf
Exposure, Ce = 1
Temp., Ct = 1.1
Importance, I = 1
Roof Live, Pf = 30 psf
Dead Load = 8 Psf
Wind Load = 90 Mph, EXP. C
Soil Bearing = 3,000 psf

INDEX

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SHEET 3 - ELEVATIONS
SHEET 4 - BUILDING DETAILS
SHEET 5 - BUILDING DETAILS
SHEET 6 - BUILDING DETAILS

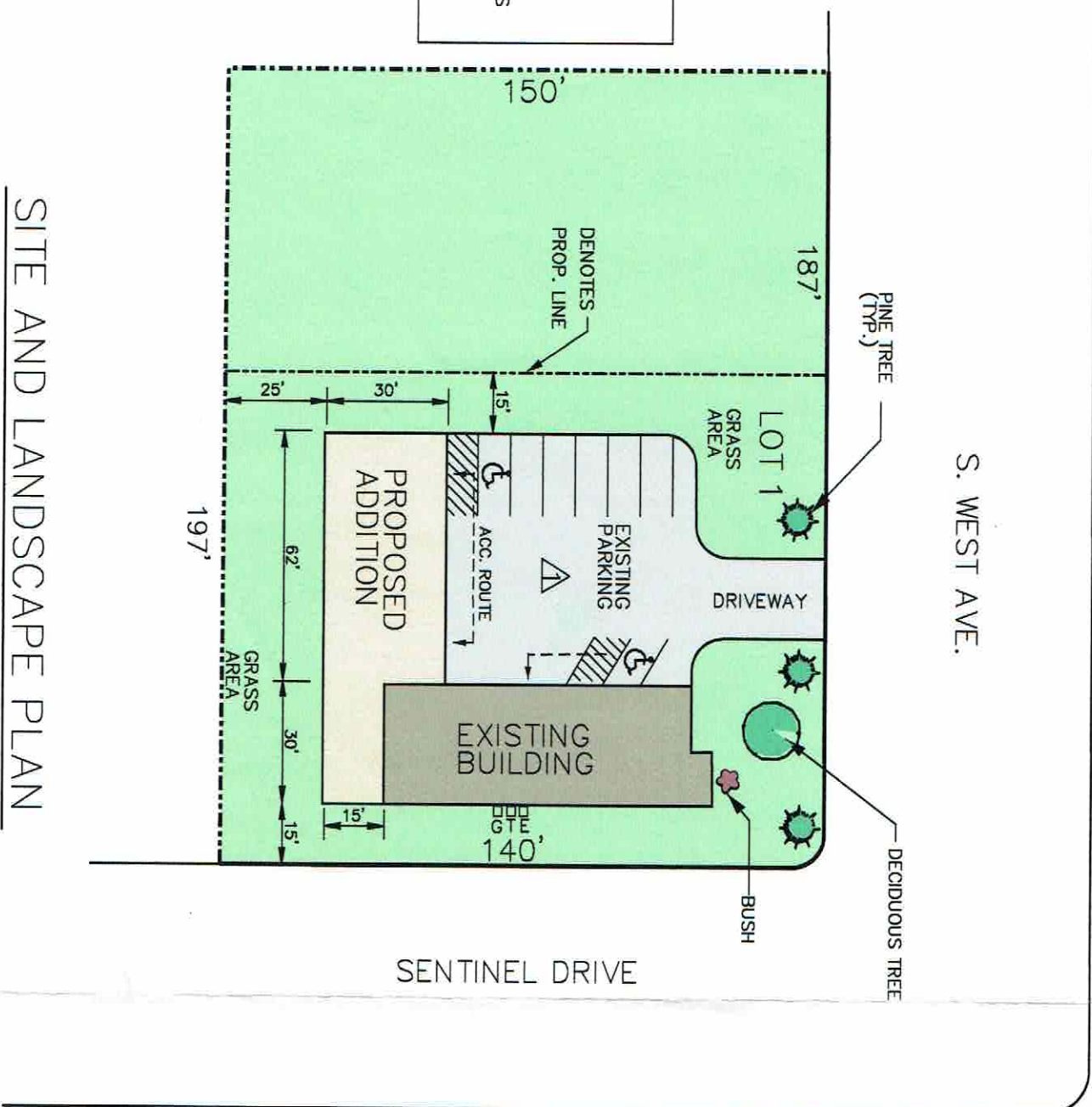
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GENERAL NOTES:

- THE OWNER/CONTRACTOR SHALL VERIFY ALL SETBACKS WITH LOCAL BUILDING OFFICIAL AT TIME OF CONSTRUCTION.
- THE OWNER SHALL PROVIDE A DESIGNATED SPACE WITHIN OR ADJACENT TO THE STRUCTURE FOR THE COLLECTION OF RECYCLABLE MATERIALS AS PER COMM 62.0400(2)
- THERE SHALL BE A 10' MINIMUM BETWEEN THE PROPOSED BUILDING AND ANY EXISTING BUILDING OR PROPERTY LINE.
- ALL GRADES SLOPE AWAY FROM THE BUILDING @ A MINIMUM 2% SLOPE.
- THE OWNER SHALL PROVIDE AN ALL WEATHER HARD SURFACE 30 FEET OR MORE IN WIDTH, EXTENDING AT LEAST 50% OF THE LENGTH OF ONE SIDE OF THE PROPOSED STRUCTURE AND MUST BE ACCESSIBLE TO FIRE FIGHTING EQUIPMENT.
- FIRE EXTINGUISHERS PER IBC 906 SHALL BE PROVIDED AND INSTALLED (BY OTHERS) AS REQUIRED BY IFC 906 AND MAINTAINED (BY OTHERS) AS SPECIFIED BY NFPA 10
- PROVIDE EXIT & EXIT ACCESS DOORS W/ EXIT SIGNS AND DIRECTIONAL EXIT SIGNS IN COMPLIANCE W/ IBC 1003.2.10 EXIT SIGNS SHALL BE ILLUMINATED AT ALL TIMES, TO ENSURE CONTINUED ILLUMINATION FOR A DURATION OF NOT LESS THAN 90 MINUTES IN CASE OF PRIMARY POWER LOSS, THE EXIT SIGNS SHALL BE CONNECTED TO AN EMERGENCY ELECTRICAL SYSTEM PROVIDED FROM STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR PER IBC 1003.2.10.5 THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH THE ICC ELECTRICAL CODE.
- REQUIRED ACCESSIBLE PARKING, PASSENGER LOADING FACILITIES AND ACCESS ROUTES SHALL BE PROVIDED (BY OTHERS) IN COMPLIANCE W/ ICC/ANSI A117.1 (SEE IBC 1106 & COMM 62.1106 FOR NO. OF SPACES REQ'D) THE PARKING ACCESS AISLE SHALL BE PART OF THE ACCESSIBLE ROUTE TO THE BUILDING ENTRANCE.
- PARKING SPACES AND ACCESS ROUTES SHALL HAVE SURFACE SLOPES NOT STEEPER THAN 1:48 AND BE STABLE, FIRM, AND SLIP RESISTANT, ACCESSIBLE SPACES SHALL BE DESIGNATED BY SIGNS SHOWING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.
- ALL ACCESSIBLE DOORS AND DOORWAYS SHALL COMPLY WITH ICC/ANSI A117.1
- DOOR HARDWARE: HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST TO OPERATE. SUCH HARDWARE SHALL BE 34" MINIMUM AND 48" MAXIMUM ABOVE THE FLOOR OR GROUND, WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES.
- THRESHOLDS AT DOORWAYS SHALL BE 1/2" HIGH MAXIMUM, DOORWAYS SHALL HAVE A MIN CLEAR OPENING WIDTH OF 32"
- PER COMM 62.1109(13)(a)
- CONTROLS, OPERATING MECHANISMS AND HARDWARE INTENDED FOR OPERATION BY THE OCCUPANT, INCLUDING SWITCHES THAT CONTROL LIGHTING, VENTILATION AND ELECTRICAL CONVENIENCE OUTLETS, IN ACCESSIBLE SPACES, SHALL BE ACCESSIBLE, HAVE CLEAR FLOOR SPACES AND REACH RANGES IN COMPLIANCE WITH ICC/ANSI A117.1
- OPERABLE PARTS SHALL BE OPERABLE W/ ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5lbs. MAX (OPERABLE PARTS SHALL COMPLY WITH ICC/ANSI A117.1)
- COMM 62.1101(1) THE PROVISIONS OF 62.1101 TO 62.1110 CONTROL THE DESIGN AND CONSTRUCTION OF FACILITIES FOR ACCESSIBILITY TO PEOPLE WITH DISABILITIES. (AND SHALL ALSO COMPLY WITH ICC / ANSI A117.1)



LEGEND

G = GAS
 T = TELEPHONE
 E = ELECTRIC

(Symbol: Green circle with cross) EXISTING PINE TREE
 (Symbol: Green circle) EXISTING DECIDUOUS TREE
 (Symbol: Pink flower) EXISTING BUSH

SITE AND LANDSCAPE PLAN

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No.	Date	Revision Description	By
1.	3-16-07	REVISED SITE PLAN - ADDED ACC. SPACES AND ROUTES	LL
2.			
3.			

Project Name

CANFIELD CONSTRUCTION

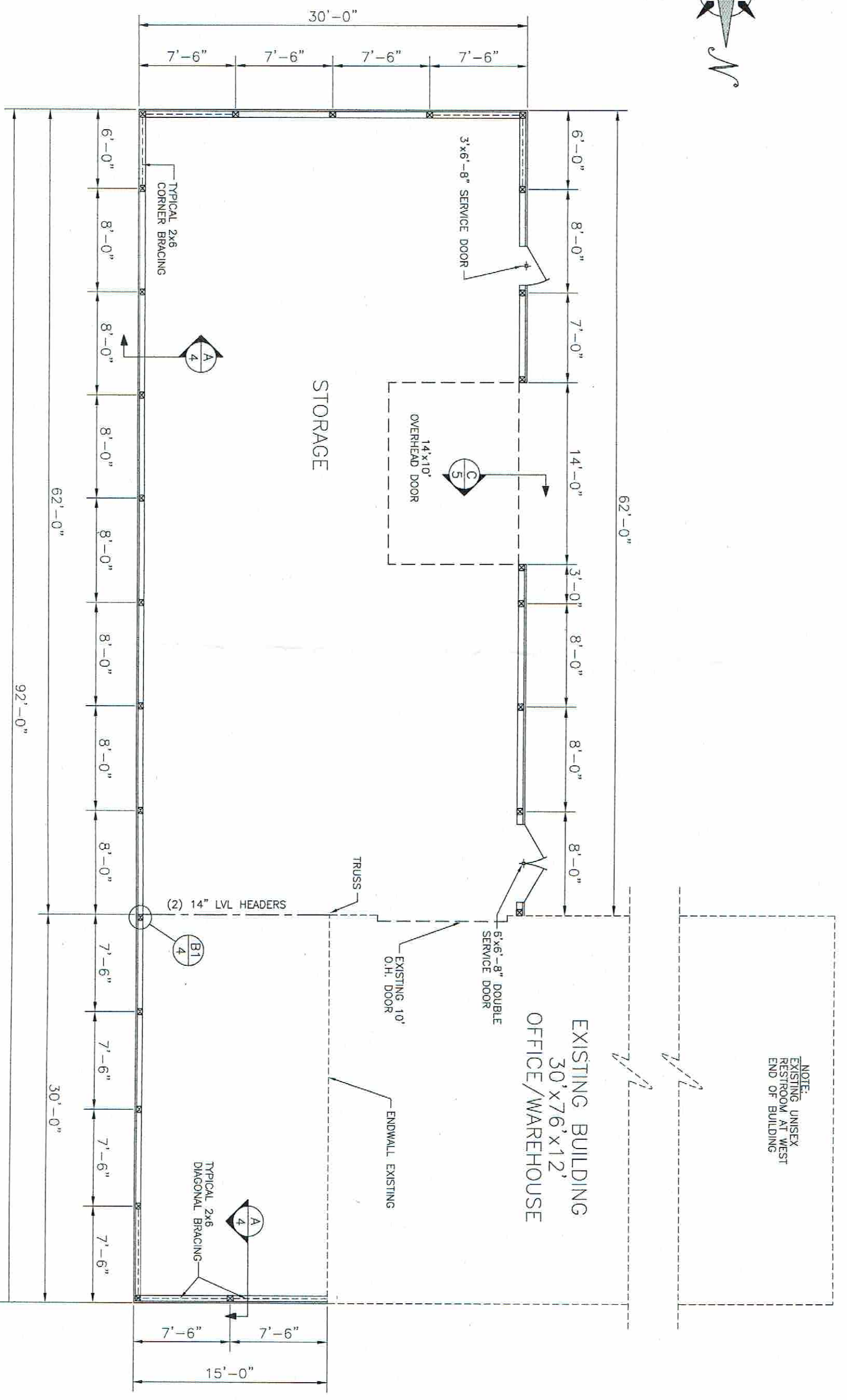
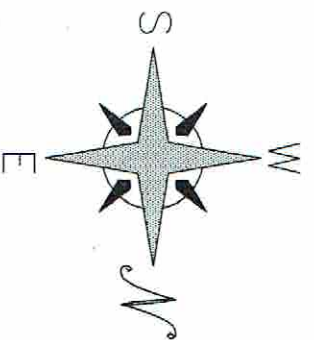
Wisconsin Window Concepts - Addition

Waukesha, WI

Cad Dwg	Date	Scale
WMWConcepts	2-27-07	1" = 40'

Drawn By	Checked By	Sheet No.
ll		1

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FLOOR PLAN

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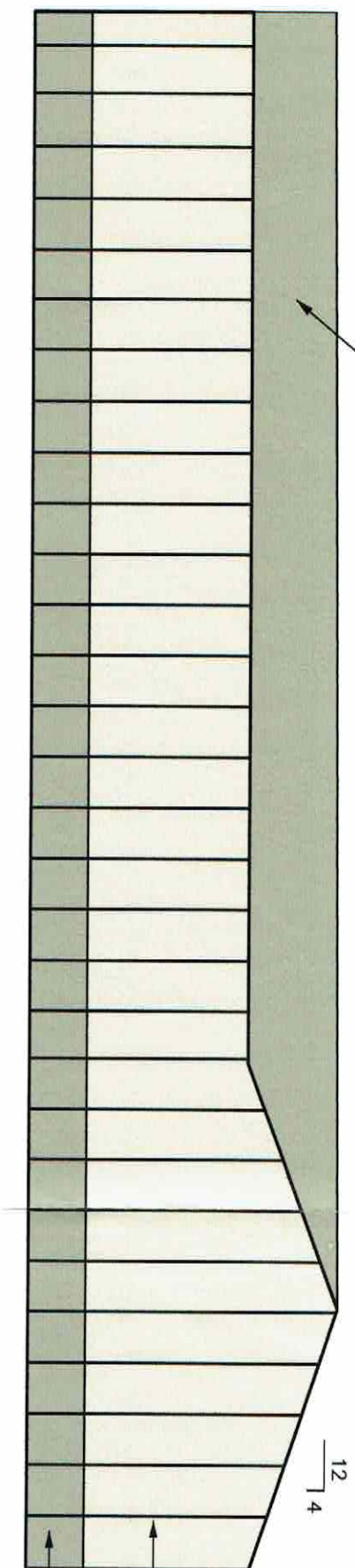
No.	Date	Revision Description	By
1.			
2.			
3.			

Project Name
CANFIELD CONSTRUCTION
 Wisconsin Window Concepts - Addition Waukesha, WI

Code	Date	Scale
MMConcepts	3-8-07	1/8" = 1'-0"

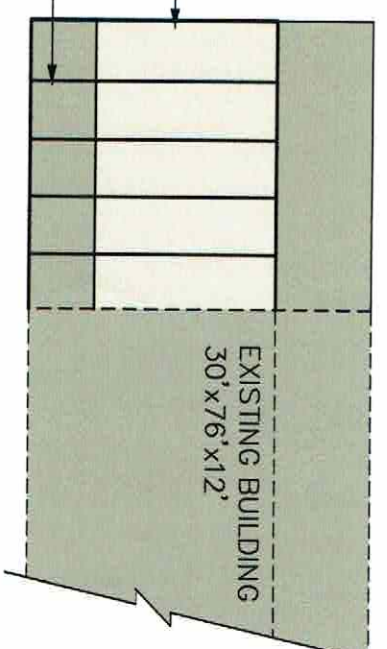
Drawn By: *JK*
 Checked By:
 Sheet No. 2

ROOF COLOR = "CLAY"



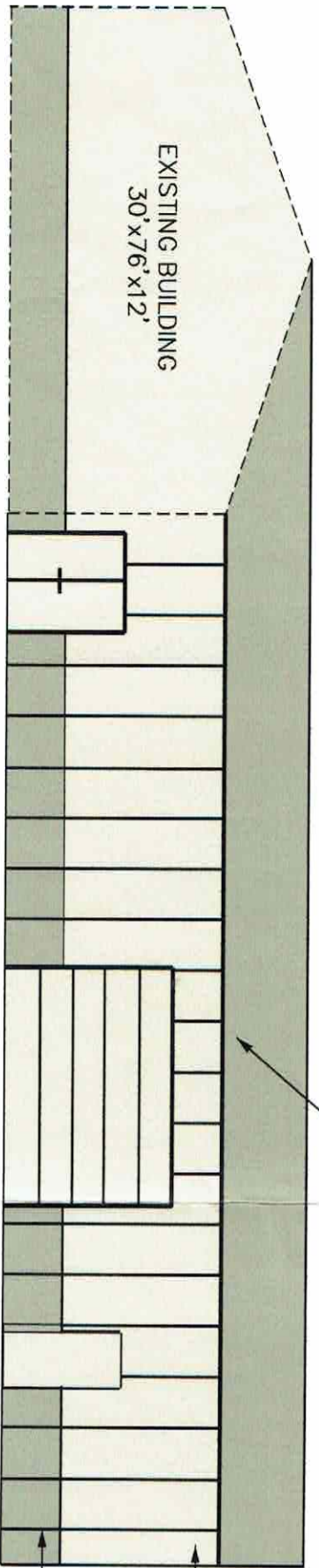
EAST ELEVATION

WALL COLOR = "LIGHT STONE"
 30" WANSKOATING
 COLOR = "CLAY"

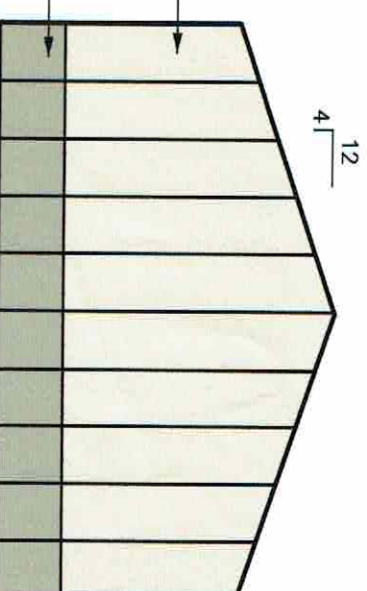


NORTH ELEVATION

ROOF COLOR = "CLAY"




WALL COLOR = "LIGHT STONE"
 30" WANSKOATING
 COLOR = "CLAY"



WEST ELEVATION

SOUTH ELEVATION

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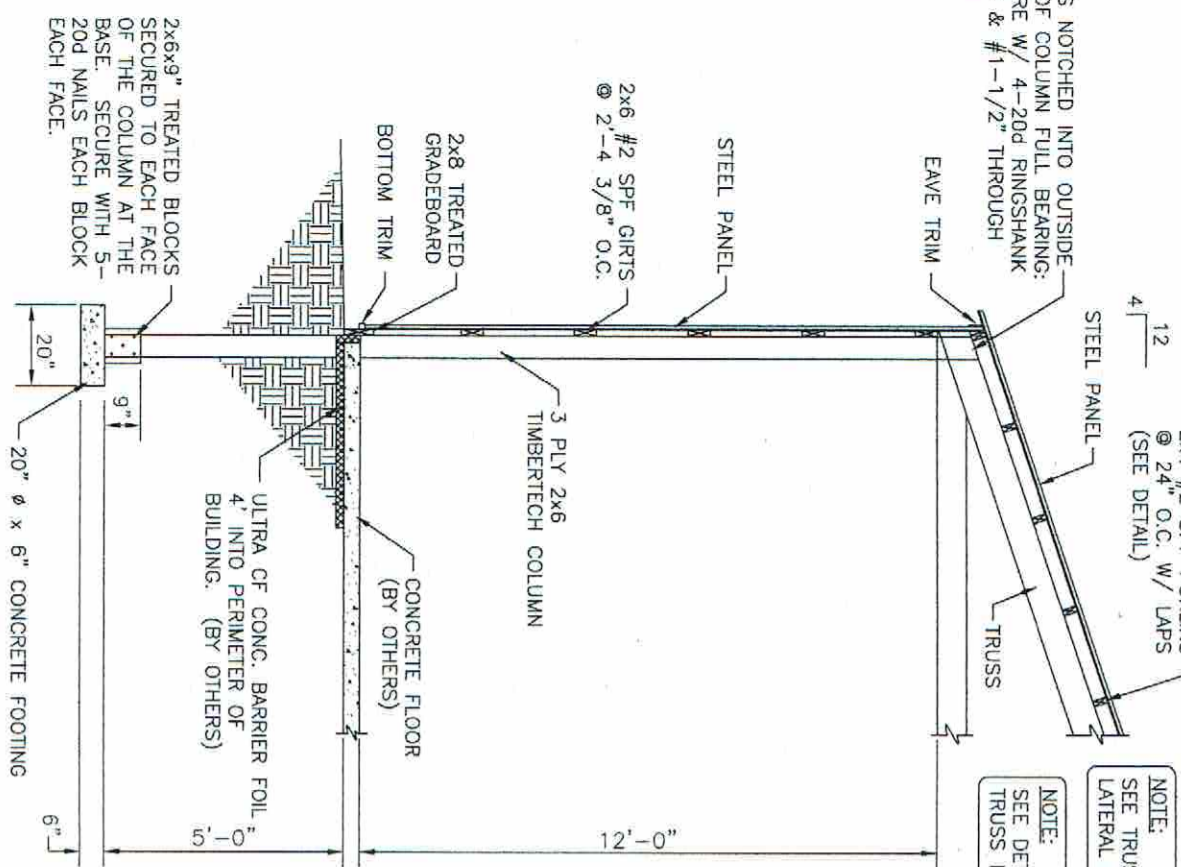
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No.	Date	Revision Description	By
1.			
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Project Name
CANFIELD CONSTRUCTION
 Wisconsin Window Concepts - Addition
 Waukesha, WI

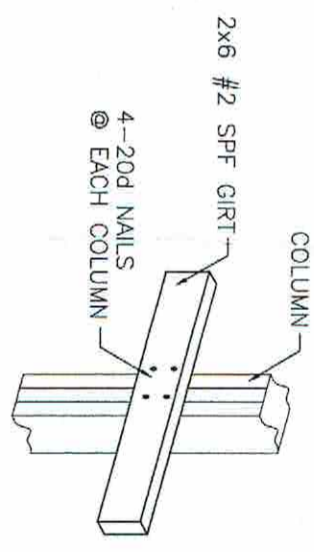
Cad Dwg MMWConcepts	Date 2-27-07	Scale 3/32" = 1'-0"
Drawn By JL	Checked By	Sheet No. 3

TRUSS NOTCHED INTO OUTSIDE PLY OF COLUMN FULL BEARING: SECURE W/ 4-20d RINGSHANK NAILS & #1-1/2" THROUGH BOLT

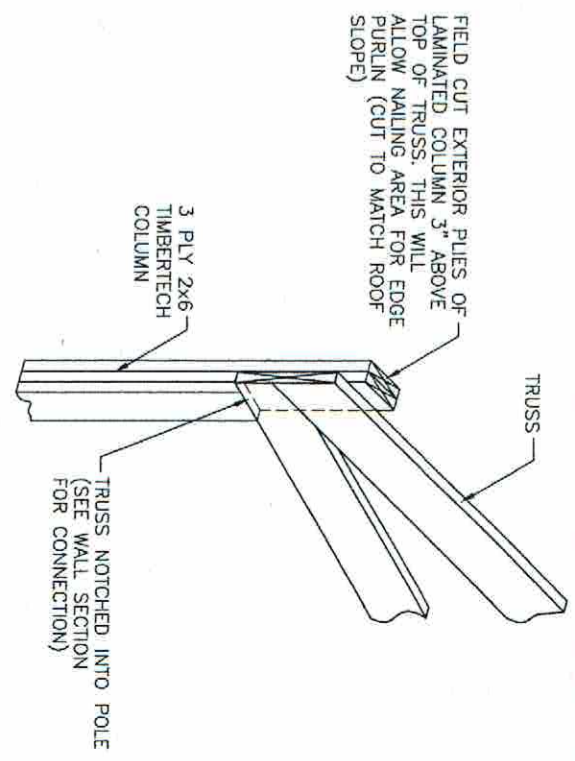


NOTE:
SEE TRUSS DESIGN FOR LATERAL BRACE LOCATIONS

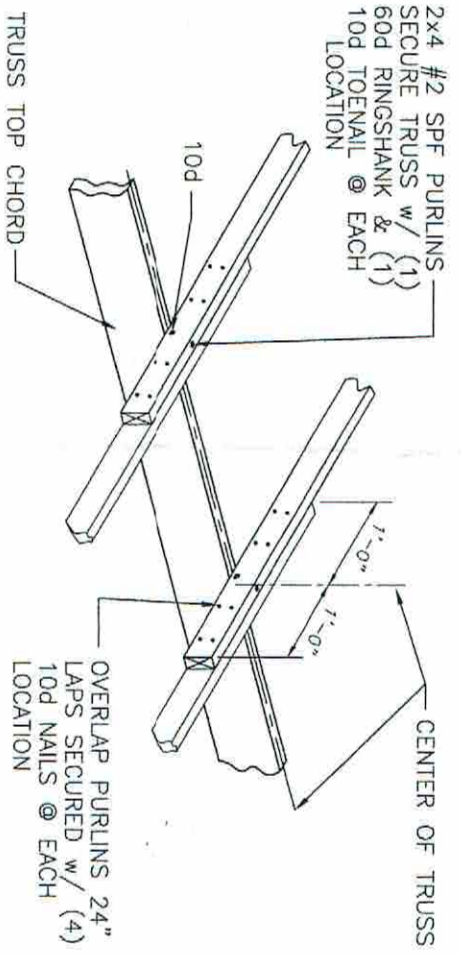
NOTE:
SEE DETAIL B-4 FOR TRUSS INSTALLATION



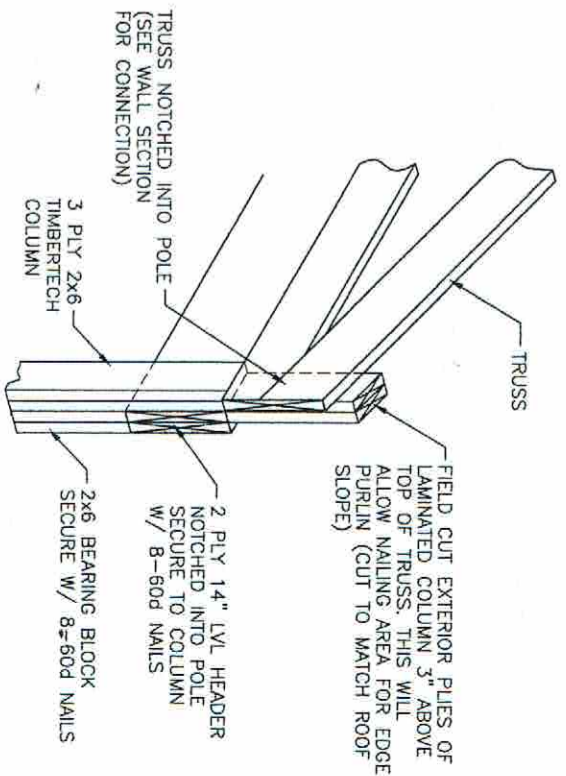
TYPICAL GIRT CONNECTION
N.T.S.



B TRUSS INSTALLATION
N.T.S.



PURLIN LAP DETAIL
N.T.S.



B1 TRUSS INSTALLATION
N.T.S.

NOTE:
ANY FASTENERS GOING INTO TREATED MATERIAL SHOULD BE HOT DIP GALVANIZED

A WALL SECTION
SCALE: 1/4"=1'-0"

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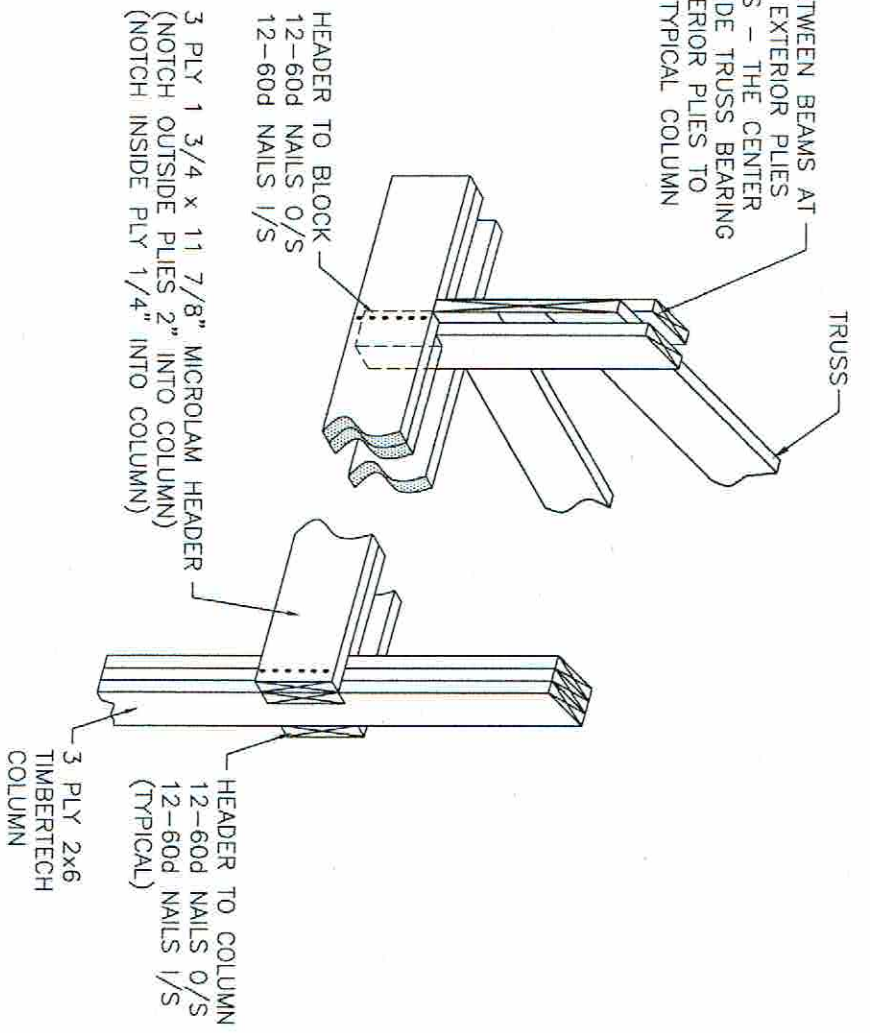
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Wisconsin Window Concepts - Addition Waukesha, WI

Code	Date	Scale
WW/Concepts	3-8-07	AS NOTED
Drawn By	JS	Sheet No.
Checked By		4

3 PLY BLOCK BETWEEN BEAMS AT TRUSS - THE 2 EXTERIOR PLYS SHALL LAP TRUSS - THE CENTER PLY SHALL PROVIDE TRUSS BEARING SECURE THE EXTERIOR PLYS TO TRUSS SAME AS TYPICAL COLUMN



C HEADER DETAIL
N.T.S.

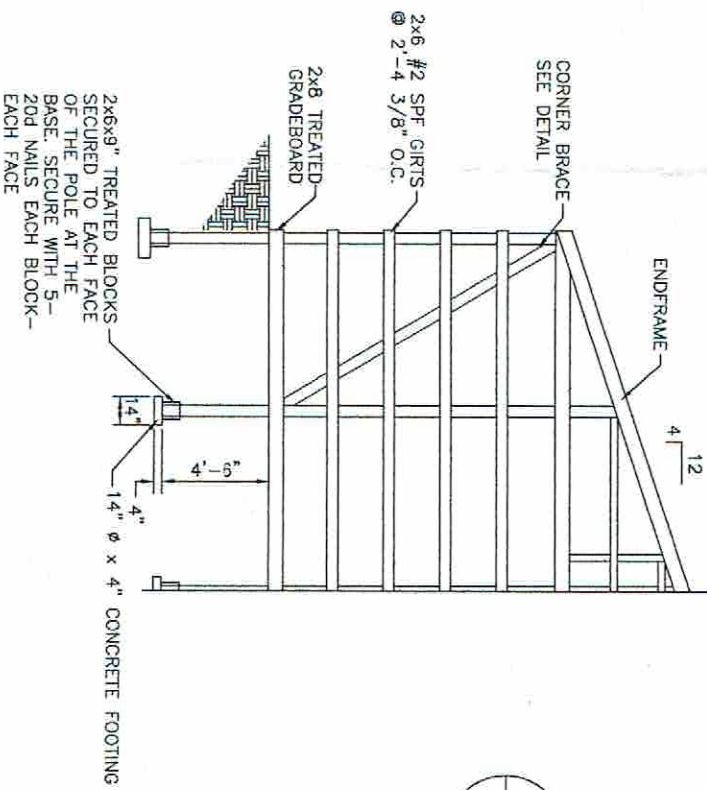
NOTE:
ANY FASTENERS GOING INTO TREATED MATERIAL SHOULD BE HOT DIP GALVANIZED

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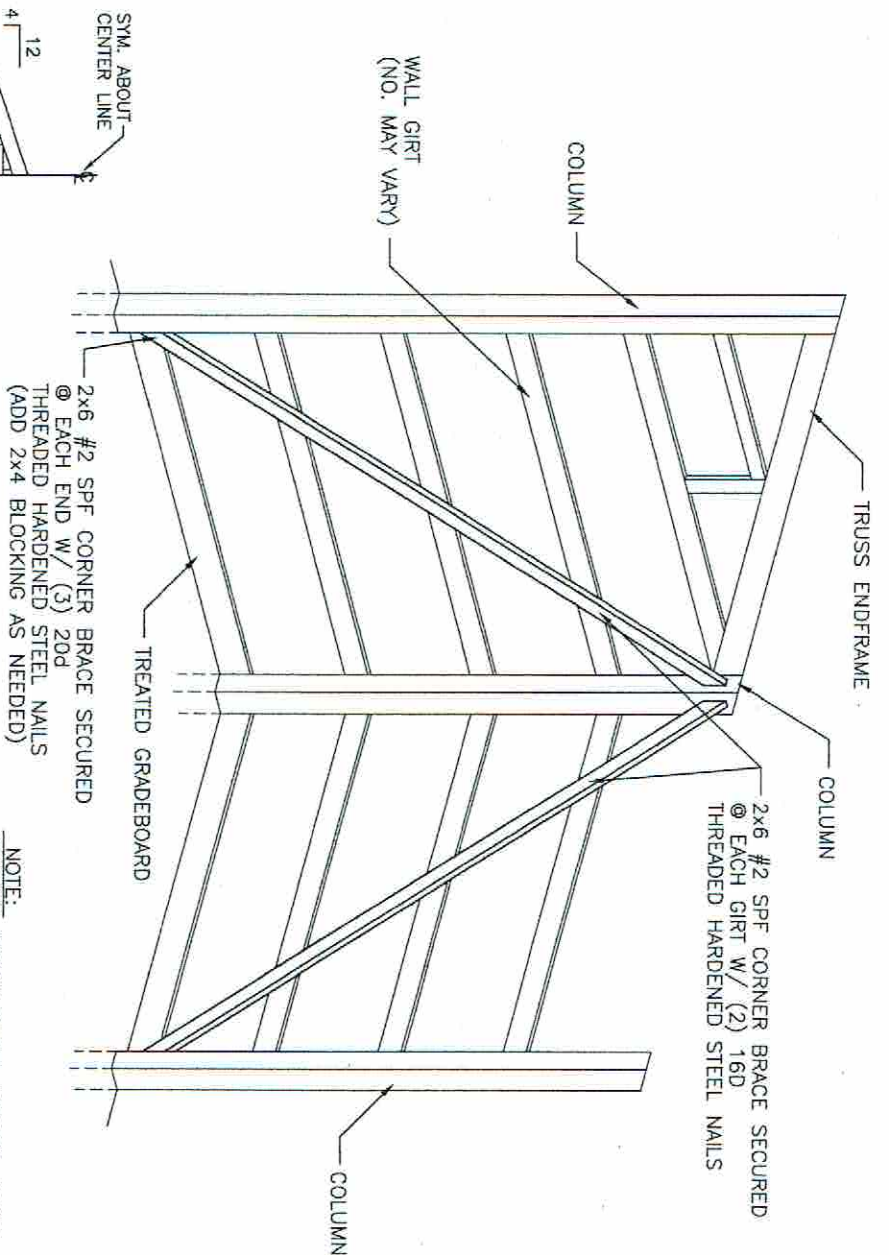
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No.	Date	Revision Description	By
1.			
2.			
3.			

NOTE:
SECURE ENDFRAME TO ENDWALL COLUMNS W/ 4-30d NAILS @ EACH ENDFRAME TO COLUMN LOCATION.



TYPICAL ENDWALL FRAMING
SCALE: 1/8"=1'-0"



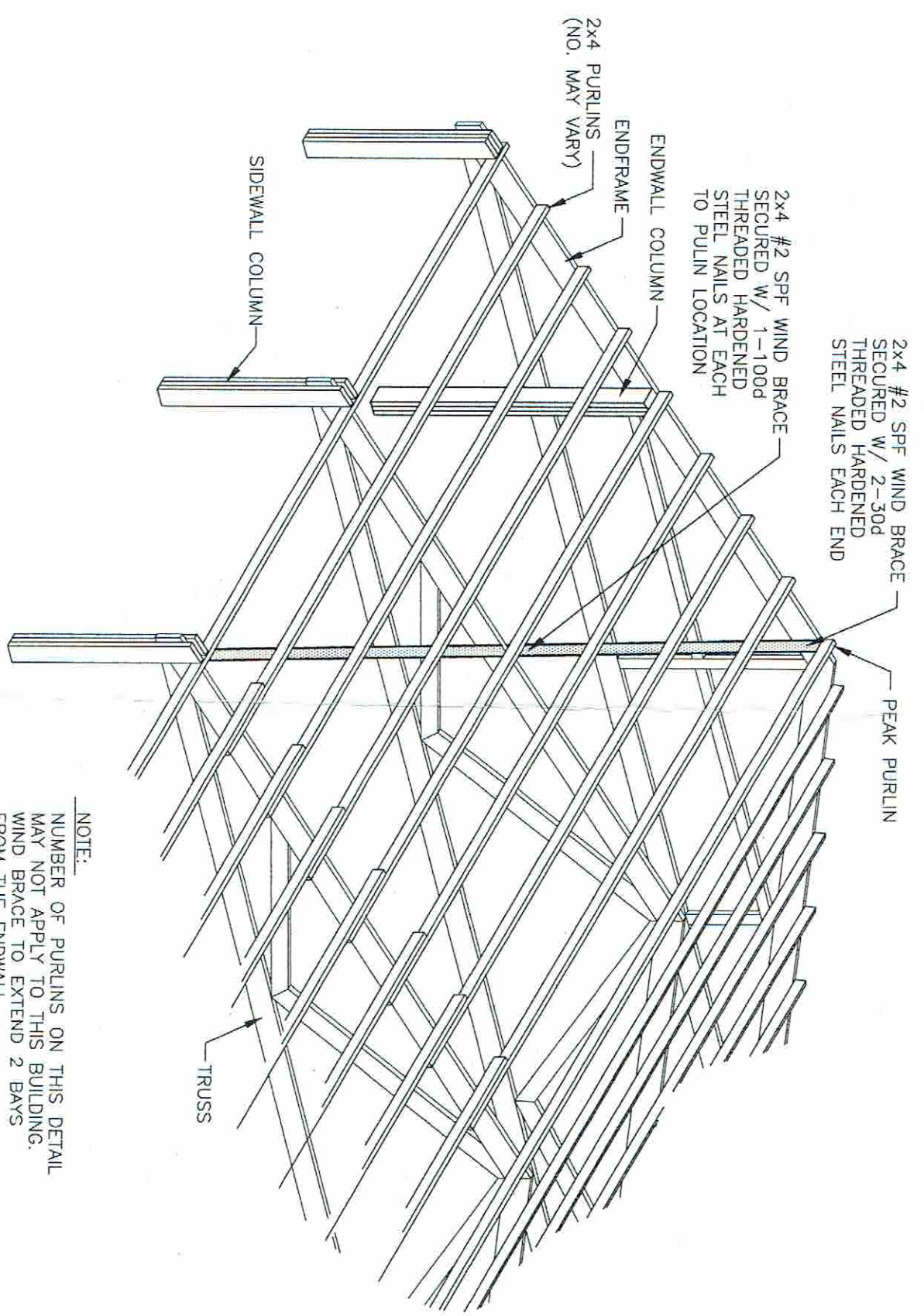
D CORNER BRACE
N.T.S.

Project Name
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Wisconsin Window Concepts - Addition
Waukesha, WI

Drawn By WW/Concepts J.P.	Date 2-27-07	Scale AS NOTED
Checked By	Sheet No. 5	

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NOTE:
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NOTE:
 NUMBER OF PURLINS ON THIS DETAIL MAY NOT APPLY TO THIS BUILDING. WIND BRACE TO EXTEND 2 BAYS FROM THE ENDWALL

E
 6 TYPICAL WIND BRACE
 N.T.S.

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Cad Dwg MWConcepts	Date 2-27-07	Scale AS NOTED
Drawn By JL	Checked By	Sheet No. 6