

**AGENDA**  
**CITY OF STURGEON BAY**  
**AESTHETIC DESIGN & SITE PLAN REVIEW BOARD**

Monday, October 18, 2021

6:00 p.m.

Council Chambers, City Hall  
421 Michigan St, Sturgeon Bay, WI

1. Roll call
2. Approval of agenda
3. Consideration of: Construction of a 98 x 40 Theater Building located at 917 N 14<sup>th</sup> Avenue
4. Adjourn

*NOTE: DEVIATION FROM THE AGENDA ORDER SHOWN MAY OCCUR.*

Board Members:

Rick Wiesner

Jon Burk

Cheryl Frank

Kelsey Fox

Pam Jorns

Mark Struck

Dave Augustson

10/14/21  
3:04 p.m.  
CJ



# MEMO

To: Aesthetic Design and Site Plan Review Board  
From: Christopher Sullivan-Robinson  
Date: October 14, 2021  
Subject: Construction of a 98' x 40' Theater Building located at 917 N 14<sup>th</sup> Avenue

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Stuart Champeau representing DC Arts Center, LLC is requesting approval for the construction of a 98' x 40' building to be located at 917 N 14<sup>th</sup> Avenue. This site is currently vacant and previously contained an old carwash facility. It is important to know that this approval is solely for the building and the building footprint. The parking lot, landscaping, signage, and lighting will need to be reviewed at a later time and should be made a condition of any approval granted. Based on your guidelines the most applicable sections are as follows:

- (1) Site layout.
  - (b) The site shall be designed to accomplish a desirable transition from the public streetscape, and between commercial, industrial, and residential land use areas.
  - (d) Where possible, buildings should be situated on the site to promote and protect public views to and along shorelines from public roads and other public lands.
  - (g) Where a pattern of relatively consistent building setbacks exists on a street, new buildings should be situated to closely match such setback pattern.
- (2) Access, circulation and parking.
  - (a) Vehicular driveways into the site shall be located in a manner to minimize traffic congestion and difficult turning movements and shall be coordinated with existing and proposed access points on adjoining or nearby properties. Individual developments having more than one access points per street are discouraged and shared access driveways with adjoining properties is encouraged.
  - (b) The interior circulation of the site shall be designed to provide for the convenient and safe flow of pedestrians and non-pedestrian traffic through the site and to/from public streets or sidewalks.
  - (d) Off-street parking located to the rear or side of buildings is preferred over parking between the building and the street, particularly if the amount of off-street parking supplied is greater than required under the zoning code. For stand-alone buildings under 15,000 square feet, it is preferable that not more than one tier (single row or double row) of parking be located between the building and the street it fronts.

(f) Permeable surfaces, bioswales, rain gardens, and other forms of stormwater runoff prevention for parking and on-site traffic areas are encouraged.

(3) Building design.

(a) Buildings shall not be limited to a preferred type of architecture or building materials. However, architectural styles, which are generally not common to Sturgeon Bay or Northeastern Wisconsin, are discouraged.

(b) Buildings should be sited and designed to be aesthetically pleasing as viewed from adjoining public streets. Excessively long, unbroken building facades shall be avoided. Building materials and design features shall be consistent with the general design theme and/or proposed use of the development.

(d) Buildings on in-fill sites shall be compatible with surrounding buildings in terms of scale, massing, height, entrances, and windows.

(e) Rhythm/re-occurring patterns in windows and storefronts are encouraged.

(f) Building components, such as windows, doors, eaves, and parapet, should be in proportionate scale in relationship to one another.

(g) The use of door and window canopies and awnings is encouraged.

(h) The use of special architectural features, including projecting windows, towers, turrets, arches and cupolas are encouraged, particularly on corner buildings.

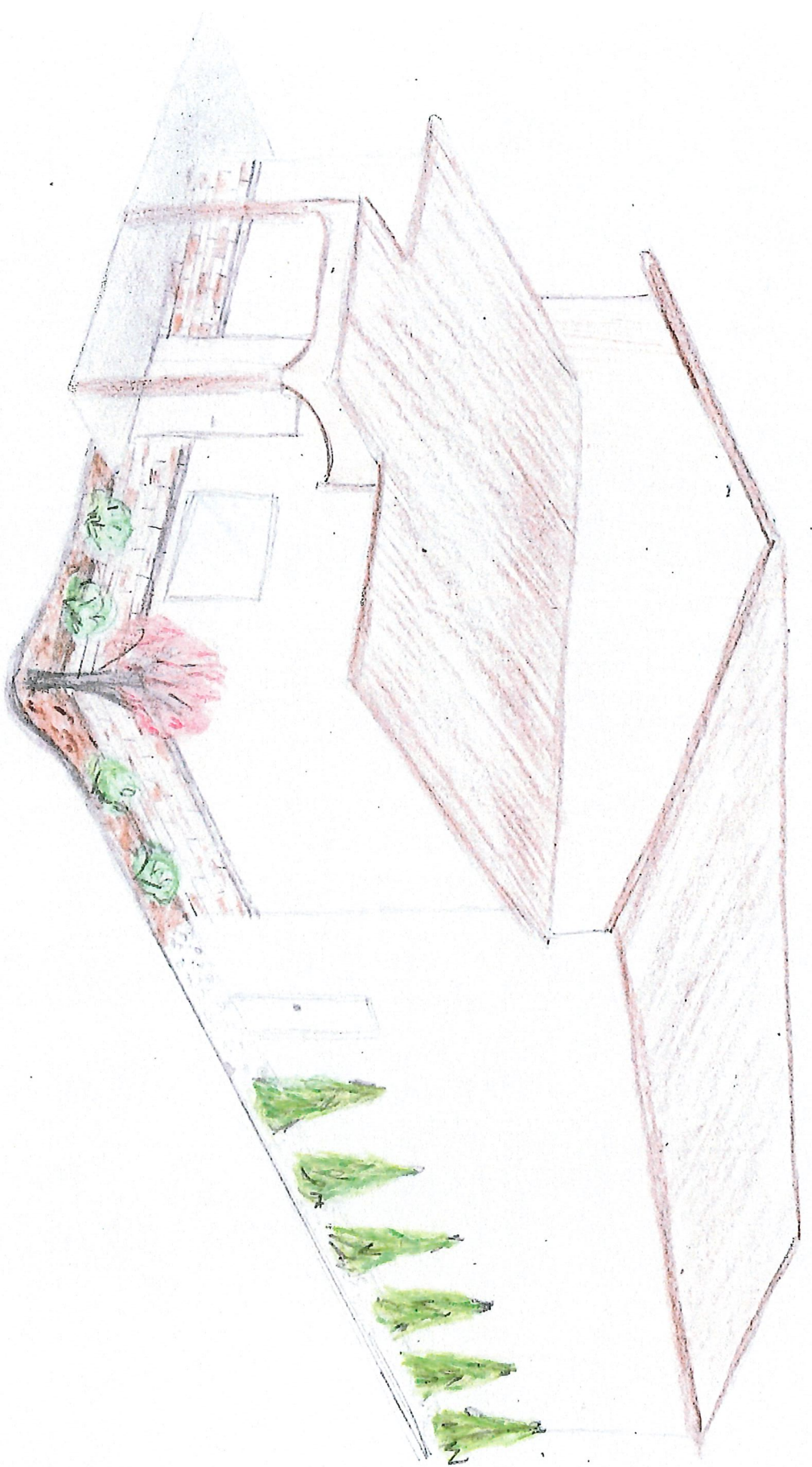
(j) Designs seeking Leadership in Energy and Environmental Design (LEED) certification are encouraged.

(m) Blank walls viewable from the street are undesirable.

(4) Materials and colors.

(b) The use of identical building materials on all sides of a building that are visible from public streets is encouraged.

(d) Metal siding is strongly discouraged except for industrial buildings or for facades not facing public areas such as streets or parking areas.







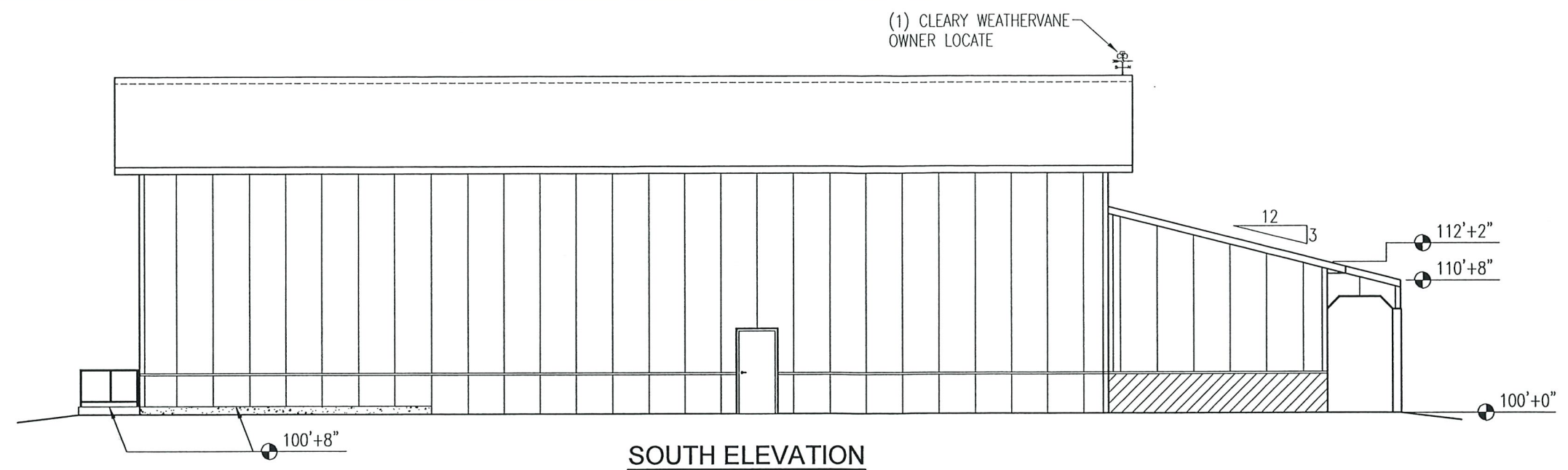
190 PAOLI STREET / P.O. BOX 930220  
VERONA, WI 53593 / (800) 373-5550

DRAWN BY: ZIESE

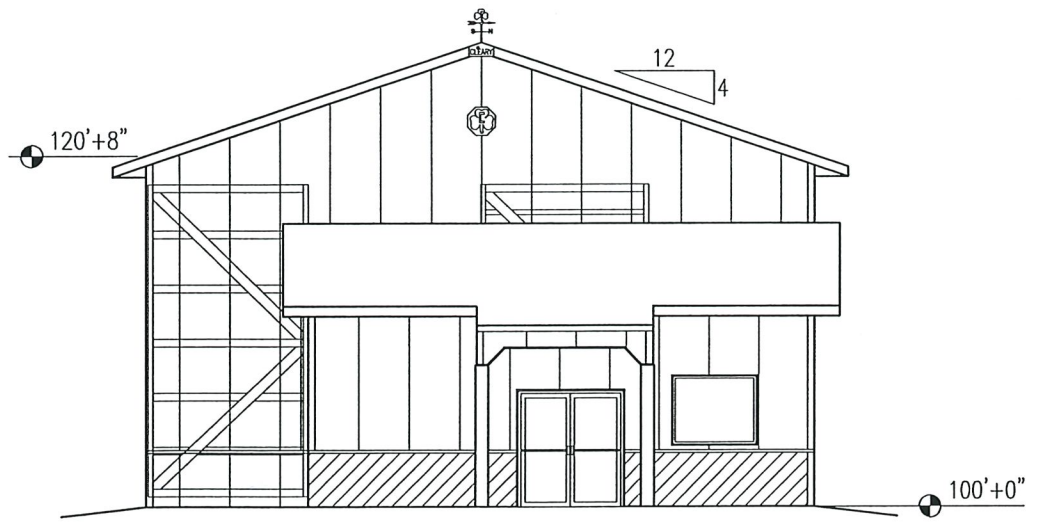
DATE DRAWN: 6/9/2021

PLAN REVISIONS:

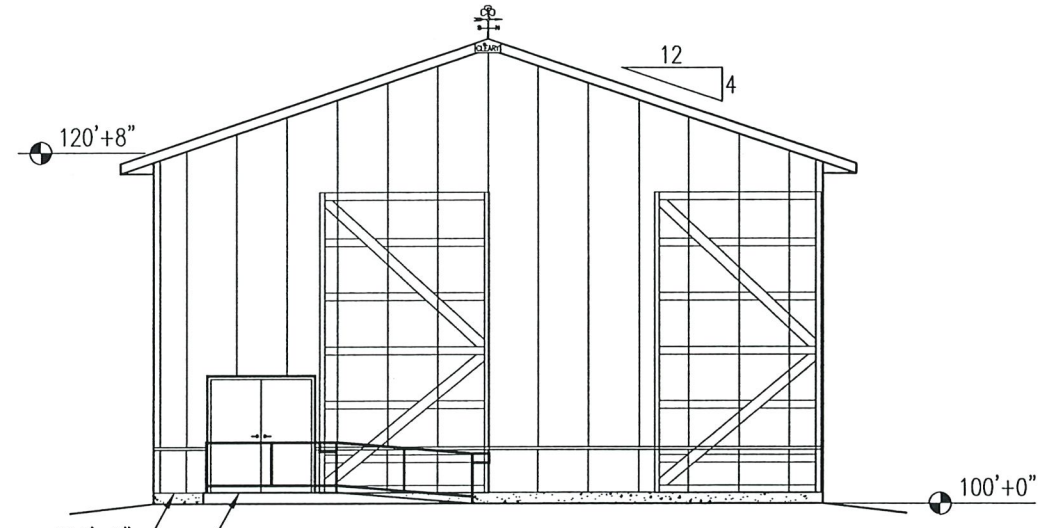
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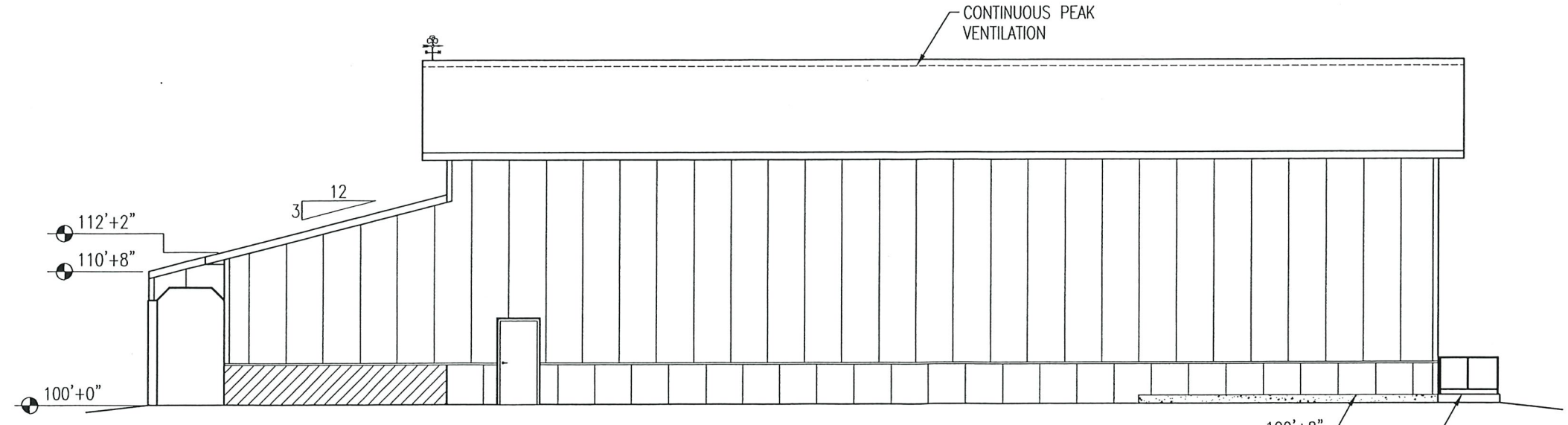
**SOUTH ELEVATION**



**EAST ELEVATION**



**WEST ELEVATION**



**NORTH ELEVATION**

APPROVED FOR CONSTRUCTION  
DATE \_\_\_\_\_ BY \_\_\_\_\_

PROJECT NAME: DC ARTS CENTER LLC. - STUART CHAMPEAU  
PROJECT SITE ADDRESS: 917 NORTH 14TH AVENUE STURGEON BAY, WI - DOOR COUNTY  
BUILDING SIZE: 40'-0" x 80'-0" x 20'-6" WITH LEAN AND PORCH  
SHEET NAME: ELEVATIONS

PROJECT NUMBER: 2020104484

SHEET NUMBER: 110

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

NOTE: SHEET SCALE DESIGNED FOR 24"x36" PAPER

File Name and Path: I:\Commercial\CAD FILES\2020\2020104484\2020104484-110-ELEV-2.dwg  
Printed By: Michael Waldera Date Printed: 7/16/2021 10:46 AM



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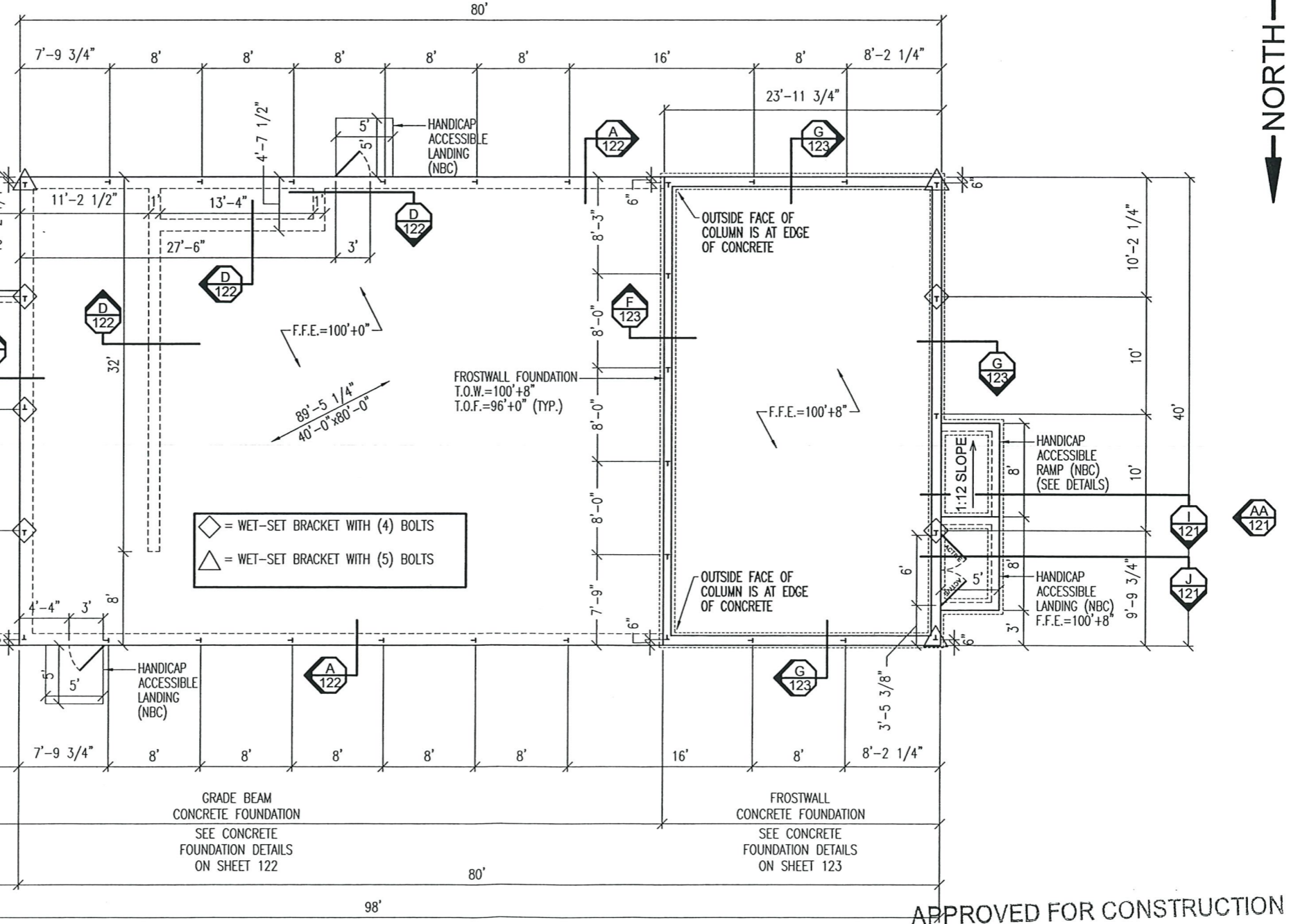
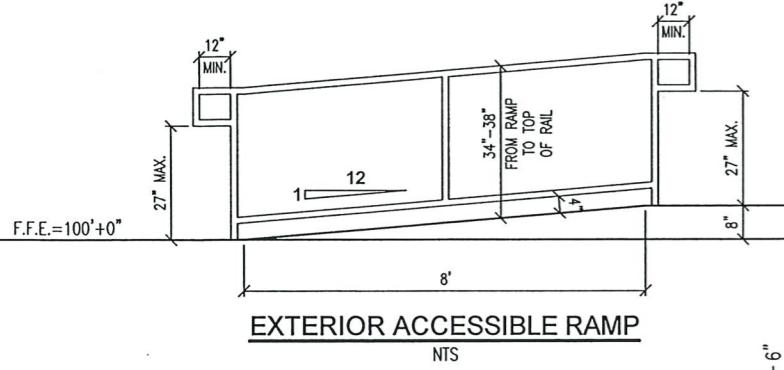
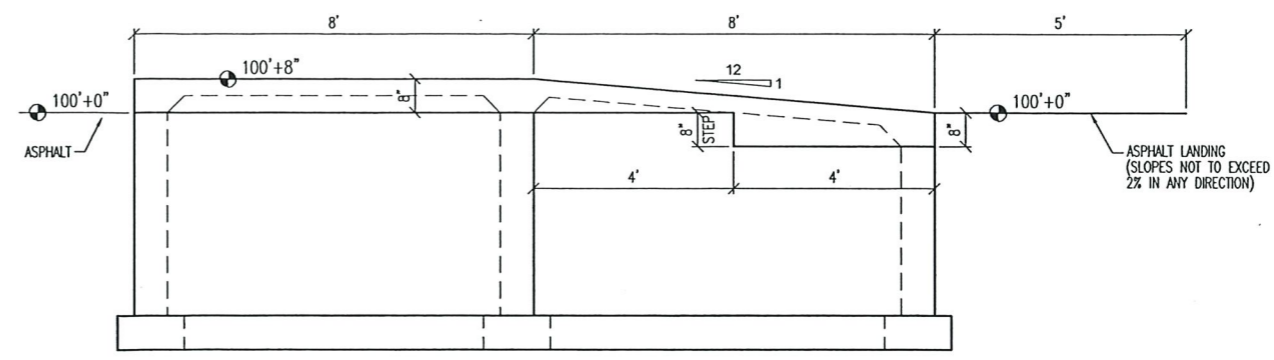
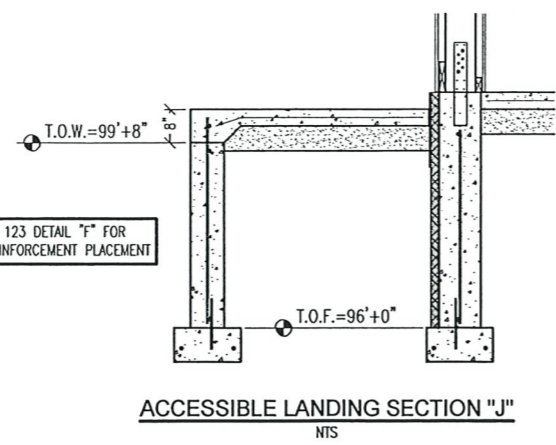
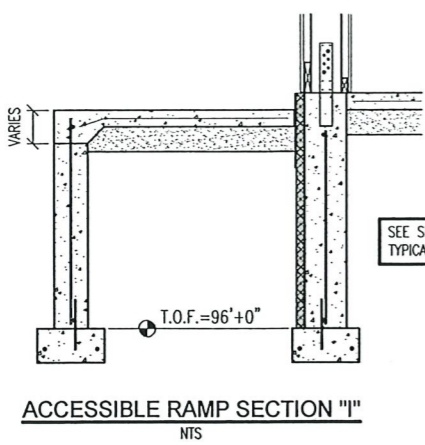
PROJECT NAME: DC ARTS CENTER LLC. - STUART CHAMPEAU  
PROJECT SITE ADDRESS: 917 NORTH 14TH AVENUE  
STURGEON BAY, WI - DOOR COUNTY  
BUILDING SIZE: 40'-0" x 80'-0" x 20'-8" WITH LEAN AND PORCH  
SHEET NAME: CONCRETE BRACKET LAYOUT PLAN

PROJECT NUMBER: 2020104484

SHEET NUMBER: 121

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

NOTE: SHEET SCALE DESIGNED FOR 24"x36" PAPER



◇ = WET-SET BRACKET WITH (4) BOLTS  
△ = WET-SET BRACKET WITH (5) BOLTS

APPROVED FOR CONSTRUCTION  
DATE \_\_\_\_\_ BY \_\_\_\_\_



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PROJECT NAME:  
**DC ARTS CENTER LLC - STUART CHAMPEAU**

PROJECT SITE ADDRESS:  
**917 NORTH 14TH AVENUE  
STURGEON BAY, WI - DOOR COUNTY**

BUILDING SIZE:  
**40'-0" x 80'-0" x 20'-8" WITH LEAN AND PORCH**

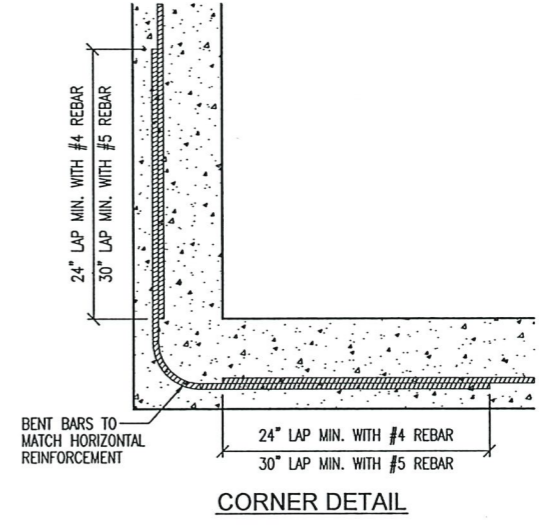
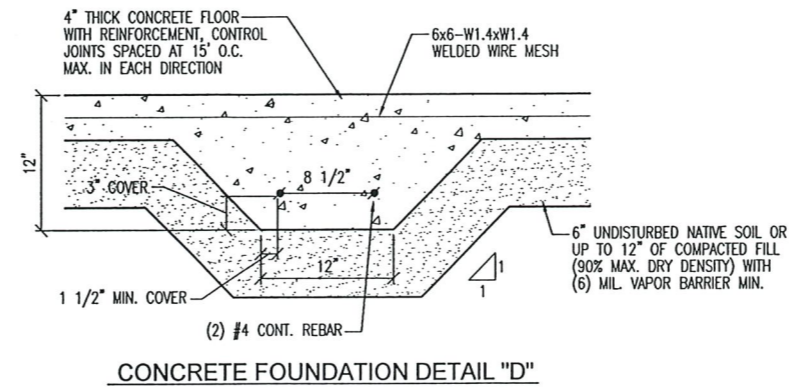
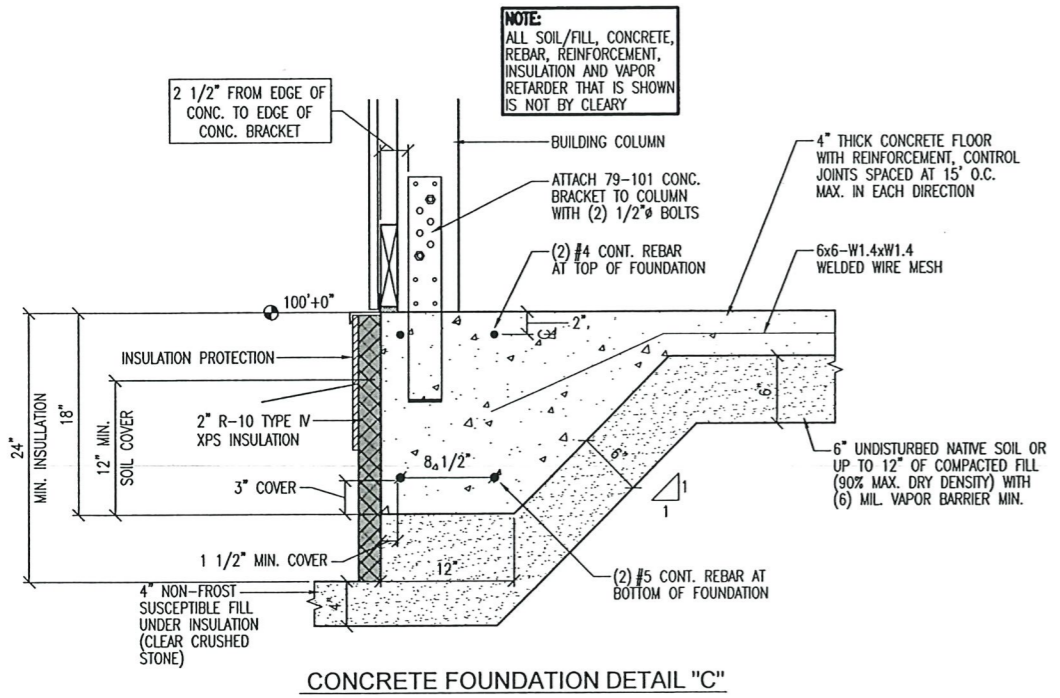
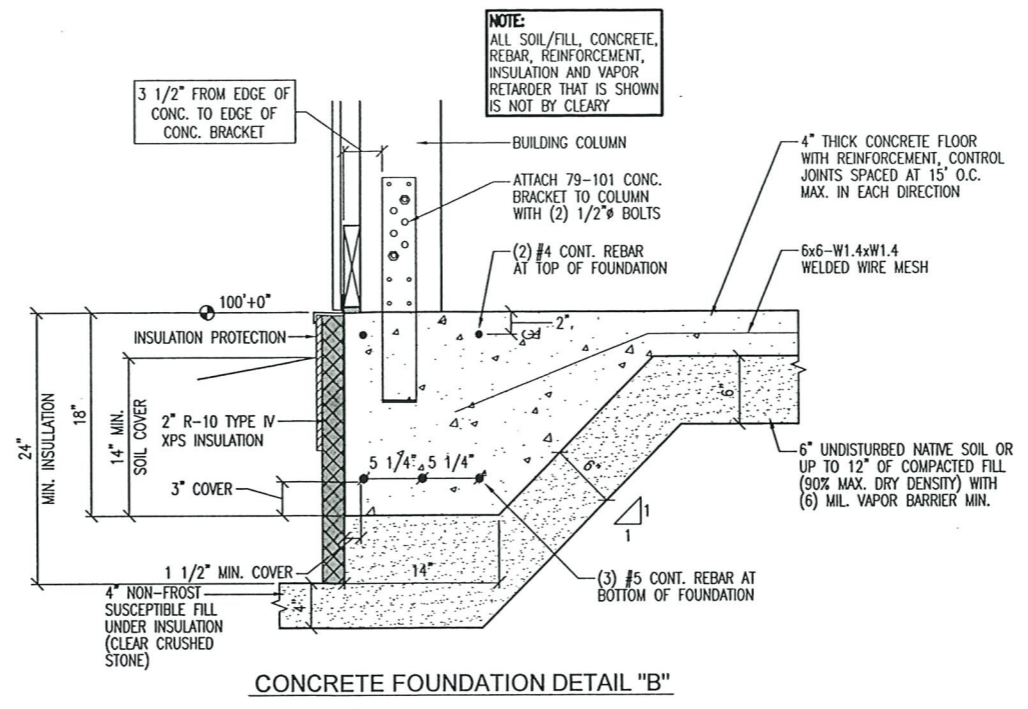
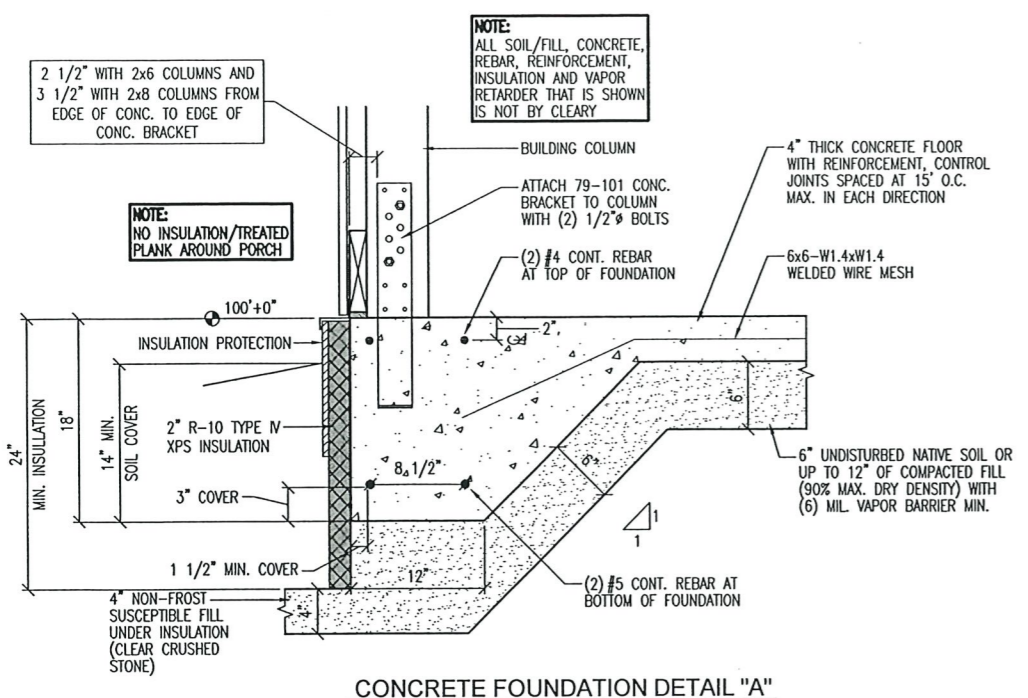
SHEET NAME:  
**CONCRETE GRADE BEAM FOUNDATION DETAILS**

PROJECT NUMBER:  
**2020104484**

SHEET NUMBER:  
**122**

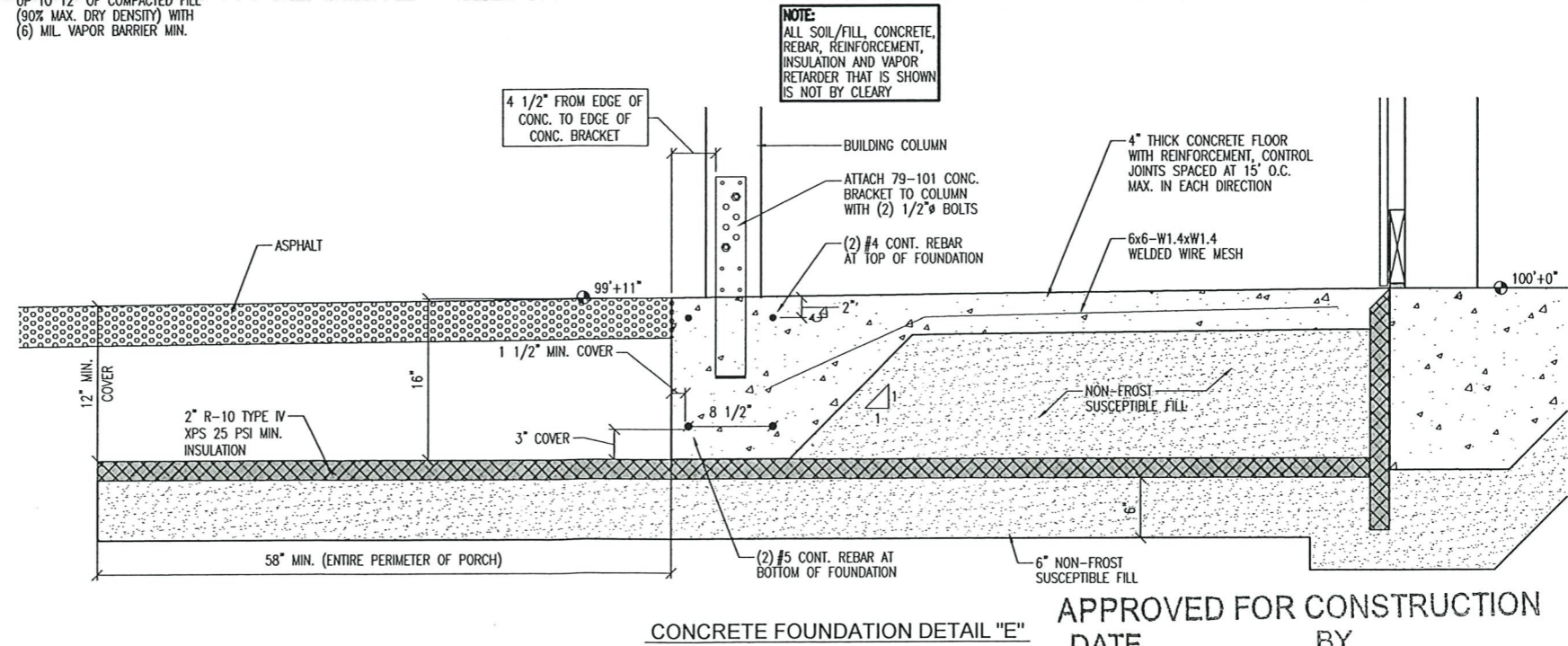
SHEET SCALE: 1 1/2" = 1'-0"

NOTE:  
SHEET SCALE DESIGNED  
FOR 24"x36" PAPER



**NON-FROST SUSCEPTIBLE FILL:**  
NO MORE THAN 6% OF THE MASS OF FILL MATERIAL MAY PASS THROUGH A #200 MESH SIEVE IN ACCORDANCE WITH ASTM D422

**NOTE:**  
SEE CONCRETE BRACKET LAYOUT PLAN FOR BRACKET LOCATIONS WITH (4) OR (5) BOLTS



APPROVED FOR CONSTRUCTION  
DATE \_\_\_\_\_ BY \_\_\_\_\_

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**CONCRETE SPECIFICATIONS**

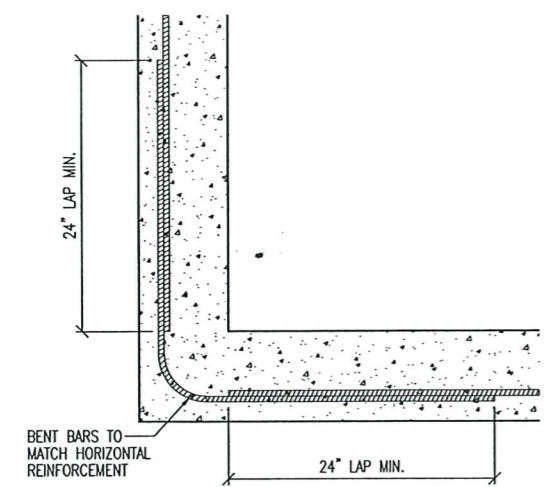
**CONCRETE FLOOR SLABS:**  
CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3500 PSI MINIMUM AND AN AIR ENTRAINMENT CONTENT OF 5% MINIMUM. CONTROL JOINTS SHALL BE PLACED AT 15' O.C. MAXIMUM. FOR GARAGE FLOOR SLABS WHERE A TROWEL FINISH IS DESIRED, AIR ENTRAINMENT MAY BE REDUCED TO 3% PROVIDED THE COMPRESSIVE STRENGTH OF THE CONCRETE IS INCREASED TO 4000 PSI MIN.

**FOUNDATIONS AND FOOTINGS:**  
CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI MINIMUM. FOOTINGS SHALL BEAR ON COMPACTED GRANULAR SOIL OR SUITABLE UNDISTURBED NATIVE SOIL. WHERE EXPOSED TO WEATHER, CONCRETE SHALL HAVE AN AIR ENTRAINMENT OF 5% MINIMUM.

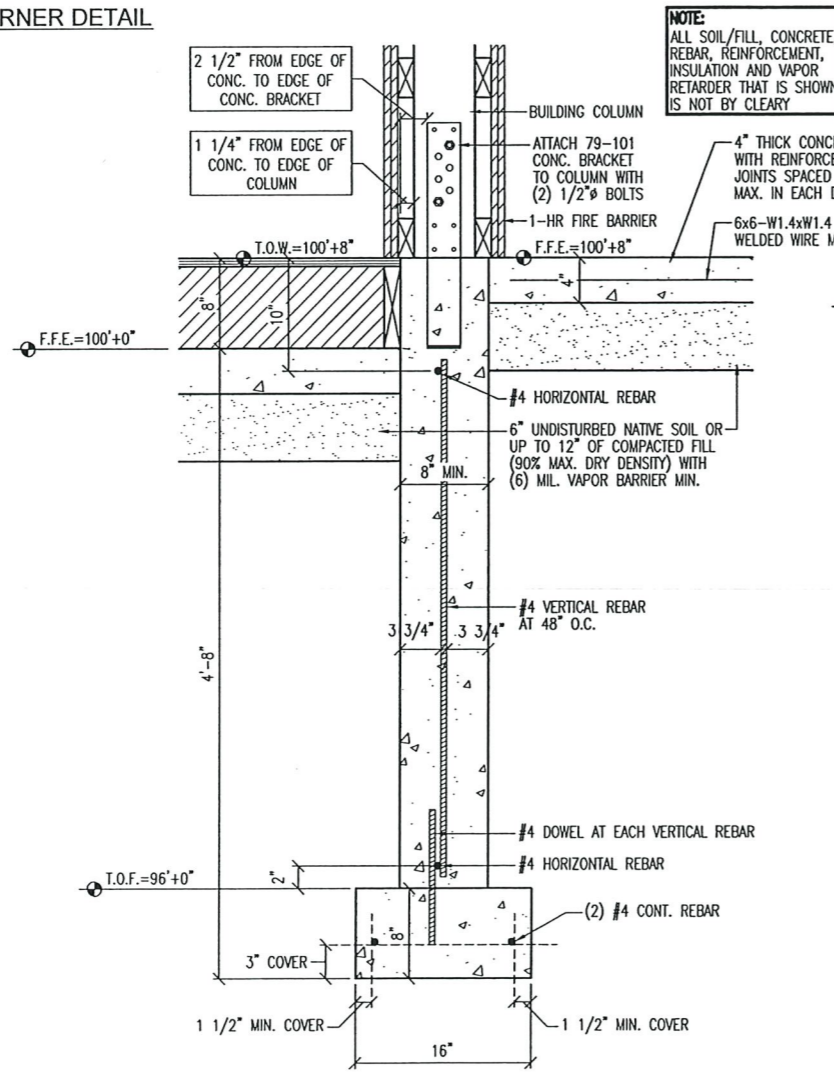
**SUBGRADE:**  
SLABS SHALL BE PLACED OVER A MINIMUM 6" COMPACTED GRANULAR MATERIAL OR SUITABLE COMPACTED NATIVE SOIL. A (6) MIL. POLYETHYLENE VAPOR RETARDER WITH JOINTS LAPPED 6" MAY BE PLACED BETWEEN THE SUBGRADE AND THE CONCRETE.

**STEEL REINFORCING:**  
STEEL REINFORCEMENT SHALL COMPLY WITH ACI 318, SECTION 7. REINFORCEMENT SHALL BE 60 KSI MINIMUM. MINIMUM COVER SHALL BE 3" FOR CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH AND 1 1/2" FOR CONCRETE EXPOSED TO EARTH OR WEATHER. MINIMUM CLEAR SPACING BETWEEN PARALLEL BARS SHALL BE 1"

**WALL NOTES:**  
LIMIT CONCRETE PLACEMENT TO 12'-0" FORM HEIGHT. CONTRACTOR'S CONSTRUCTION METHOD SHALL PROVIDED FOR MAX. CONCRETE DROP OF 4'-0" DURING PLACEMENT. USE TREMIE TO PREVENT AGGREGATE SEPARATION. VERTICAL CONTROL JOINTS SHALL BE SPACED AT 25'-0" MAXIMUM.

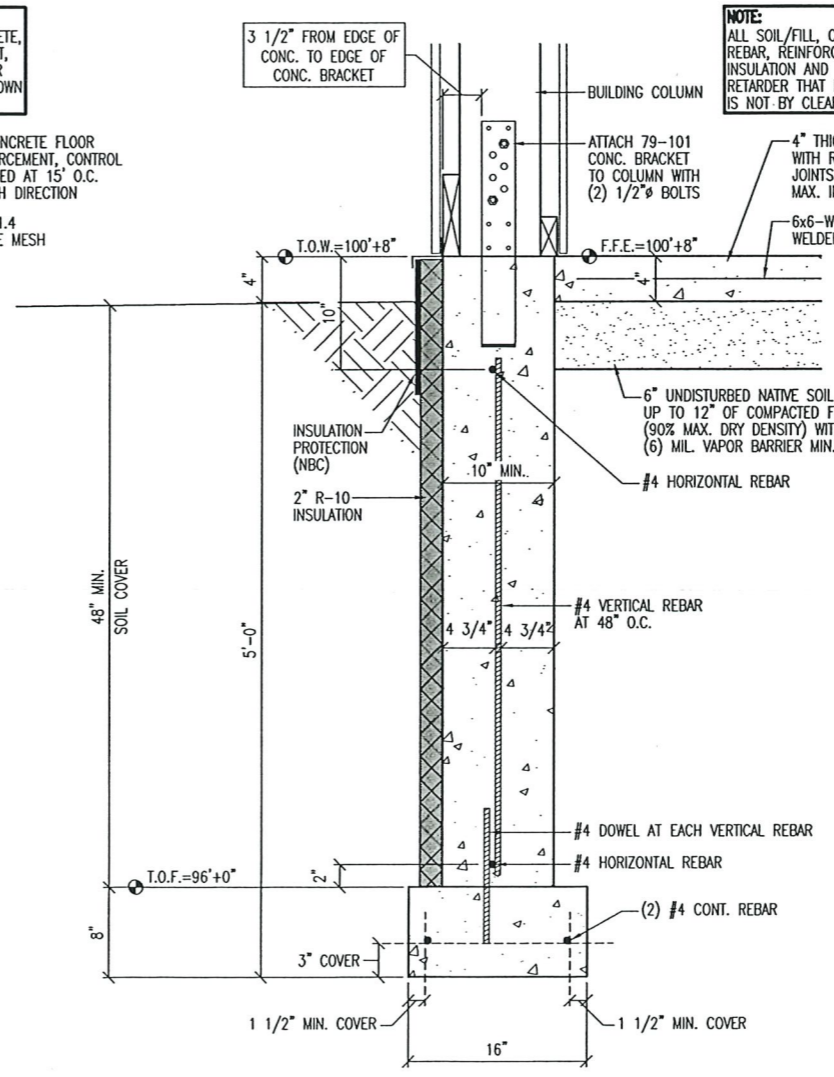


**CORNER DETAIL**



**CONCRETE FOUNDATION DETAIL "F"**

**NOTE:**  
ALL SOIL/FILL, CONCRETE, REBAR, REINFORCEMENT, INSULATION AND VAPOR RETARDER THAT IS SHOWN IS NOT BY CLEARY



**CONCRETE FOUNDATION DETAIL "G"**

**NOTE:**  
ALL SOIL/FILL, CONCRETE, REBAR, REINFORCEMENT, INSULATION AND VAPOR RETARDER THAT IS SHOWN IS NOT BY CLEARY

**PROJECT NAME:**  
DC ARTS CENTER LLC. - STUART CHAMPEAU

**PROJECT SITE ADDRESS:**  
917 NORTH 14TH AVENUE  
STURGEON BAY, WI - DOOR COUNTY

**BUILDING SIZE:**  
40'-0" x 80'-0" x 20'-8" WITH LEAN AND PORCH

**SHEET NAME:**  
CONCRETE FROSTWALL FOUNDATION DETAILS

**PROJECT NUMBER:**  
2020104484

**SHEET NUMBER:**  
123

**SHEET SCALE:** 1 1/2" = 1'-0"

**NOTE:**  
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APPROVED FOR CONSTRUCTION  
DATE \_\_\_\_\_ BY \_\_\_\_\_

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PROJECT NAME:  
**DC ARTS CENTER LLC. - STUART CHAMPEAU**

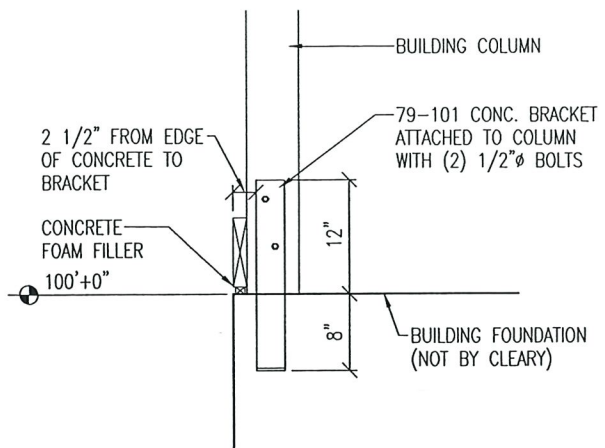
PROJECT SITE ADDRESS:  
917 NORTH 14TH AVENUE  
STURGEON BAY, WI - DOOR COUNTY  
BUILDING SIZE:  
40'-0" x 80'-0" x 20'-8" WITH LEAN AND PORCH  
SHEET NAME:  
CONCRETE BRACKET DETAILS

PROJECT NUMBER:  
**2020104484**

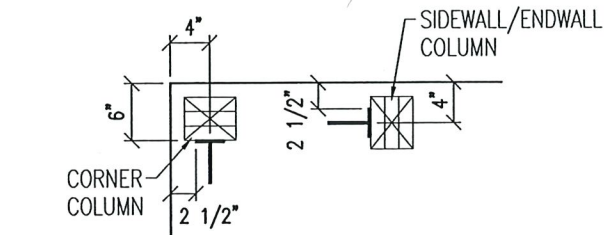
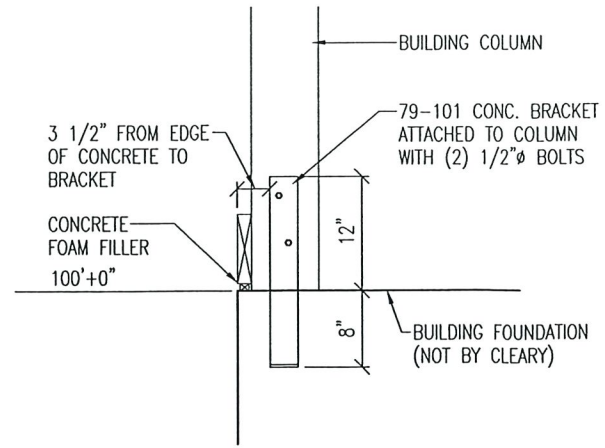
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**124**

SHEET SCALE: NTS

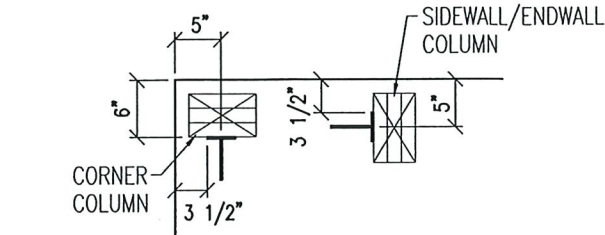
NOTE:  
SHEET SCALE DESIGNED  
FOR 24"x36" PAPER



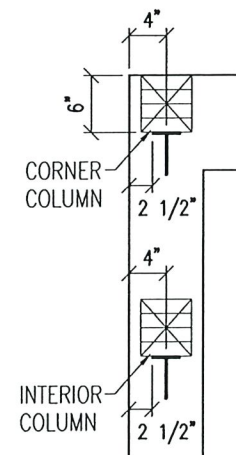
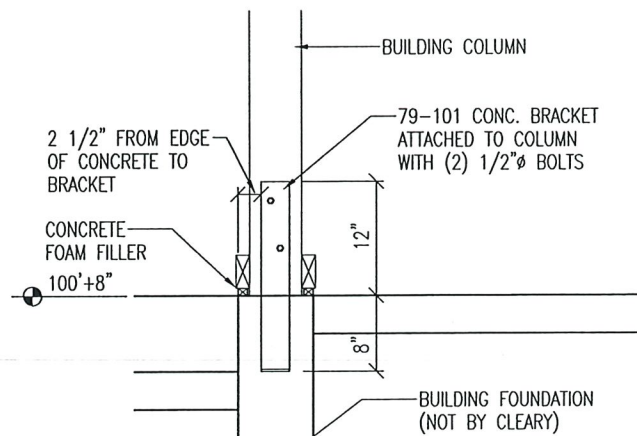
NOTE:  
SEE CONCRETE  
BRACKET LAYOUT  
PLAN FOR BRACKET  
LOCATIONS WITH  
(4) OR (5) BOLTS



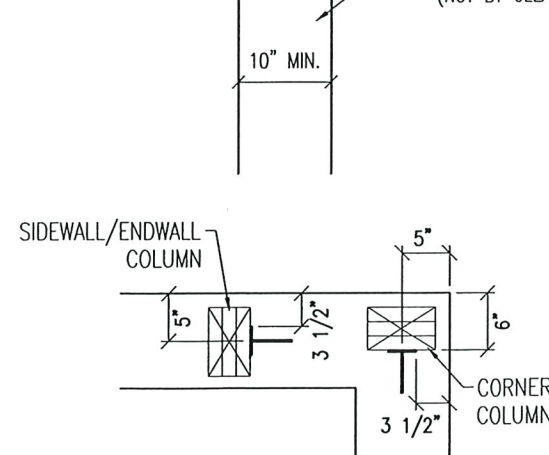
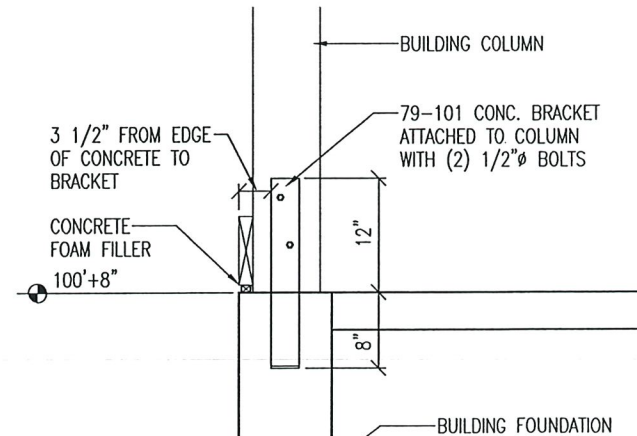
**CONCRETE BRACKET PLACEMENT DETAIL**  
AT GRADE BEAM WITH 3-PLY 2x6 COLUMNS



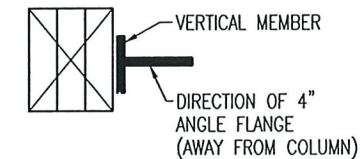
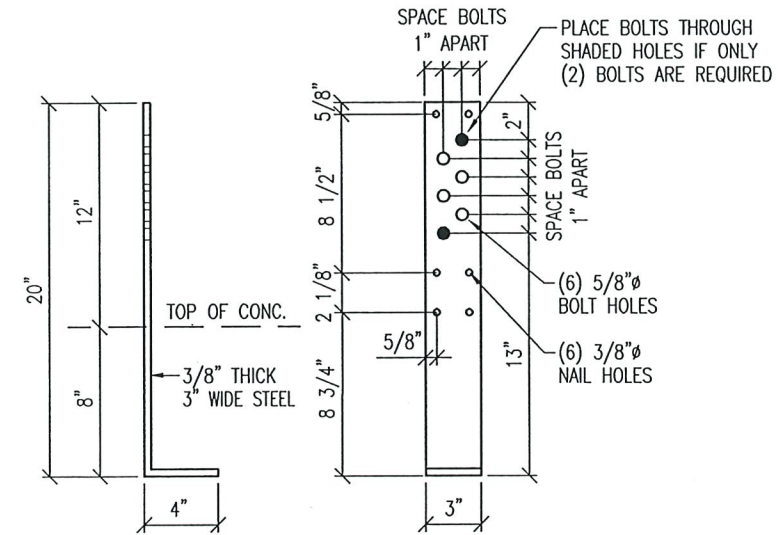
**CONCRETE BRACKET PLACEMENT DETAIL**  
AT GRADE BEAM WITH 2x8 COLUMNS



**CONCRETE BRACKET PLACEMENT DETAIL**  
AT 8" CONCRETE WALL WITH 4-PLY 2x6 COLUMNS



**CONCRETE BRACKET PLACEMENT DETAIL**  
AT 10" CONCRETE WALL WITH 2x8 COLUMNS



**STANDARD 79-101  
CONCRETE BRACKET DETAIL**

APPROVED FOR CONSTRUCTION  
DATE \_\_\_\_\_ BY \_\_\_\_\_

NUMBER	DATE	BY
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PROJECT NAME:  
**DC ARTS CENTER LLC - STUART CHAMPEAU**

PROJECT SITE ADDRESS:  
**917 NORTH 14TH AVENUE  
STURGEON BAY, WI - DOOR COUNTY**

BUILDING SIZE:  
**40'-0" x 80'-0" x 20'-8" WITH LEAN AND PORCH**

SHEET NAME:  
**INTERIOR LAYOUT PLAN**

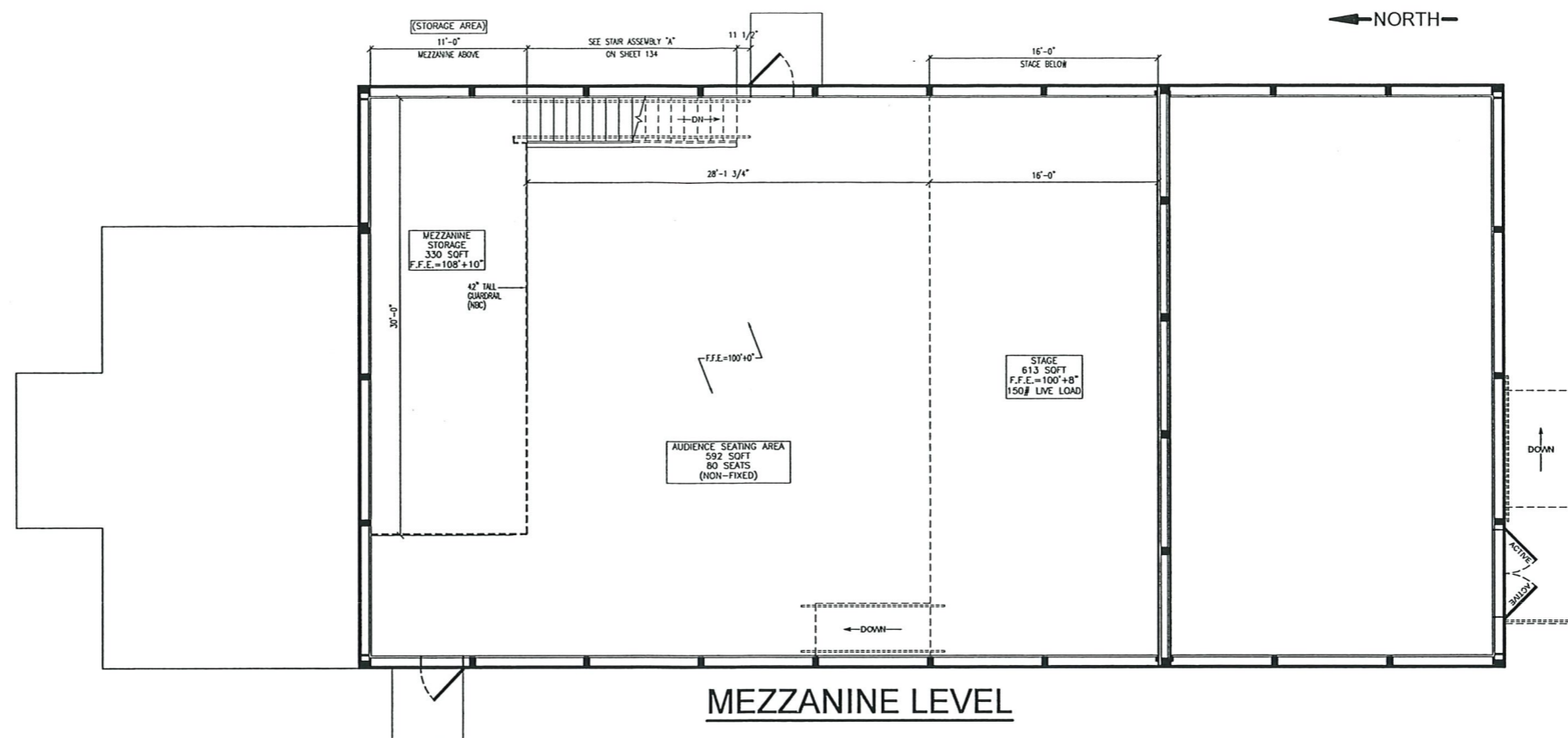
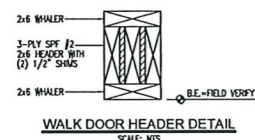
PROJECT NUMBER:  
**2020104484**

SHEET NUMBER:  
**130**

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

NOTE:  
SHEET SCALE DESIGNED  
FOR 24"x36" PAPER

B.E.	QTY.	TYPE	SIZE	ACCESSORIES/NOTES
100'10"	2	PLYED SERIES 20 STEEL CLAD WALK DOOR	3'-0"x6'-8"	LEVER HANDLES WITH PANIC HARDWARE HANDICAP THRESHOLD (U=0.30) (MINIMUM)
100'18"	1	WALK DOOR FRAME-OUT (DOOR NEC)	6'-0"x6'-8"	LEVER HANDLES HANDICAP THRESHOLD (U=0.30) (MINIMUM)
100'10"	1	PLYED SERIES 20 STEEL CLAD WALK DOOR (CENTRIFIED IN BR)	3'-0"x6'-8"	LEVER HANDLES WITH PANIC HARDWARE HANDICAP THRESHOLD (U=0.30) (MINIMUM)
100'10"	1	WALK DOOR FRAME-OUT (GLASS ENTRANCE DOOR NEC)	6'-0"x6'-8"	LEVER HANDLES WITH PANIC HARDWARE HANDICAP THRESHOLD SAFETY GLAZING (U=0.71) (MINIMUM) SGCS-0.38 (MINIMUM) V1=0.45 (MINIMUM)
103'12"	1	WINDOW FRAME-OUT (METAL FRAME WINDOW NEC)	5'-0"x4'-0"	FIXED LITE (U=0.35) (MINIMUM) SGCS-0.35 (MINIMUM) V1=0.68 (MINIMUM)
100'18"	5	WALK DOOR FRAME-OUT (DOOR NEC)	3'-0"x6'-8"	LEVER HANDLES HANDICAP THRESHOLD 1-HOUR FIRE RATED



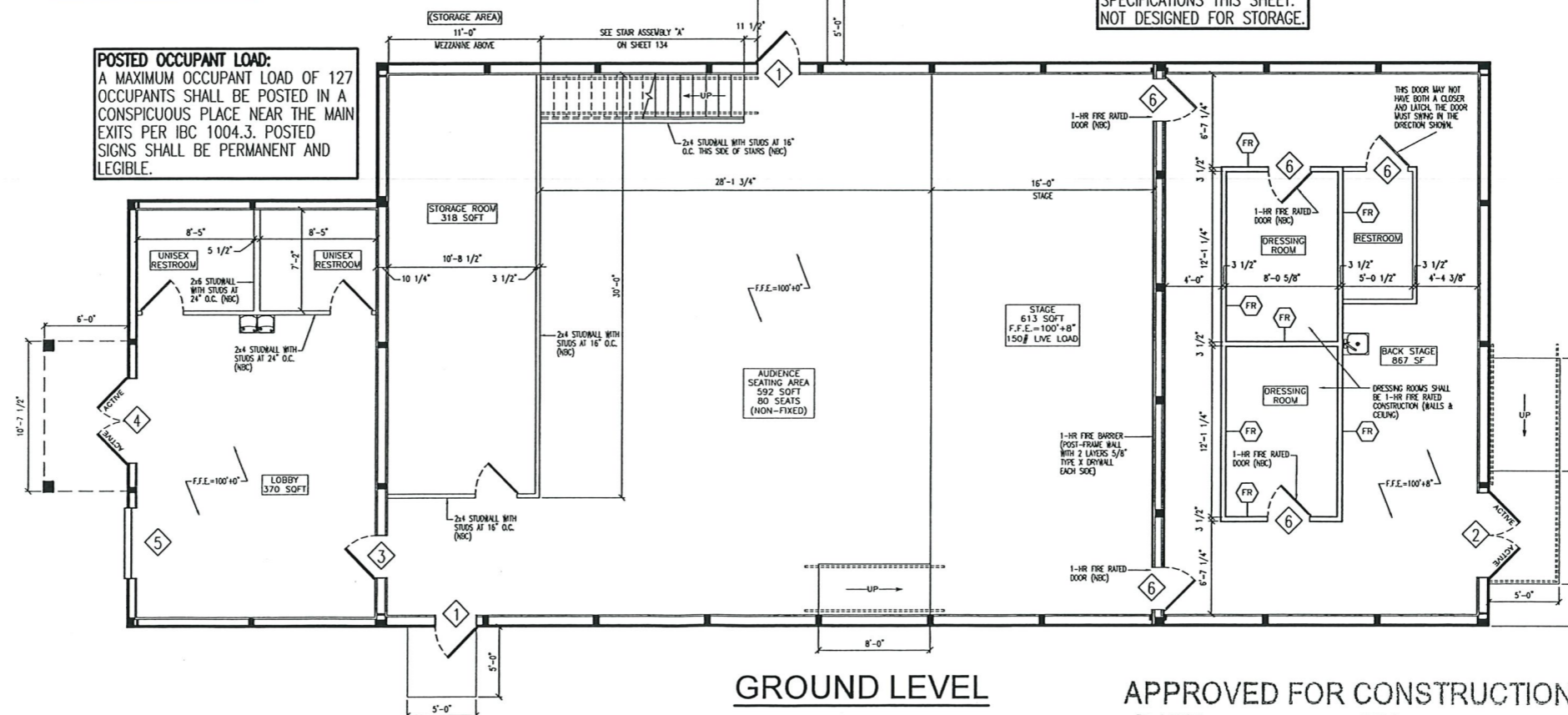
NOTE:  
ALL INTERIOR DOORS SHALL  
HAVE ACCESSIBLE HARDWARE  
AND THRESHOLDS (NBC)

NOTE:  
UNLESS OTHERWISE NOTED  
ALL DIMENSIONS SHOWN ARE  
FROM FRAMING TO FRAMING

NOTE:  
SPACE BELOW STAIRS SHALL  
BE ENCLOSED. STORAGE  
BELOW STAIRS NOT ALLOWED.

NOTE:  
CEILING OVER DRESSING  
ROOMS SHALL BE 1-HOUR  
FIRE RATED. SEE 1-HOUR  
SPECIFICATIONS THIS SHEET.  
NOT DESIGNED FOR STORAGE.

POSTED OCCUPANT LOAD:  
A MAXIMUM OCCUPANT LOAD OF 127  
OCCUPANTS SHALL BE POSTED IN A  
CONSPICUOUS PLACE NEAR THE MAIN  
EXITS PER IBC 1004.3. POSTED  
SIGNS SHALL BE PERMANENT AND  
LEGIBLE.



**1-HOUR FIRE RESISTANT WALLS/FLOOR NOTES**

**SYMBOLS:**

FR = 1-HOUR FIRE BARRIER

**PER G.A. FILE NO. WP 3514:**

ONE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED PARALLEL OR AT RIGHT ANGLES TO EACH SIDE OF 2X4/2X6 WOOD STUDS 16" O.C. WITH 1 1/4" TYPE W DRYWALL SCREWS 12" O.C. WITH JOINTS STAGGERED 16" O.C. ON OPPOSITE SIDES (1-HOUR LOAD BEARING)

1-HOUR FLOOR/CEILING ASSEMBLY PER IBC 721 TABLE 721.1(3) #21-1.1:  
BASE LAYER 5/8" TYPE X GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES TO WOOD JOISTS 24" O.C. WITH 1 1/4" TYPE W OR S DRYWALL SCREWS 24" O.C. FACE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED AT RIGHT ANGLES TO JOISTS WITH 1 7/8" TYPE W OR S DRYWALL SCREWS 12" O.C. FACE LAYER TYPE G DRYWALL SCREWS PLACED 2" BACK ON EITHER SIDE OF END JOISTS. JOINTS OFFSET 24" FROM BASE LAYER JOINTS. WOOD JOISTS SUPPORTING 23/32" RATED SHEATHING WITH EXTERIOR GLUE APPLIED AT RIGHT ANGLES TO JOISTS WITH 8d NAILS.

APPROVED FOR CONSTRUCTION  
DATE \_\_\_\_\_ BY \_\_\_\_\_

NUMBER	DATE	BY
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PROJECT NAME: DC ARTS CENTER LLC. - STUART CHAMPEAU

PROJECT SITE ADDRESS:  
917 NORTH 14TH AVENUE  
STURGEON BAY, WI - DOOR COUNTY  
BUILDING SIZE:  
40'-0" x 80'-0" x 20'-8" WITH LEAN AND PORCH  
SHEET NAME:  
EMERGENCY EGRESS PLAN

PROJECT NUMBER:  
2020104484

SHEET NUMBER:  
131

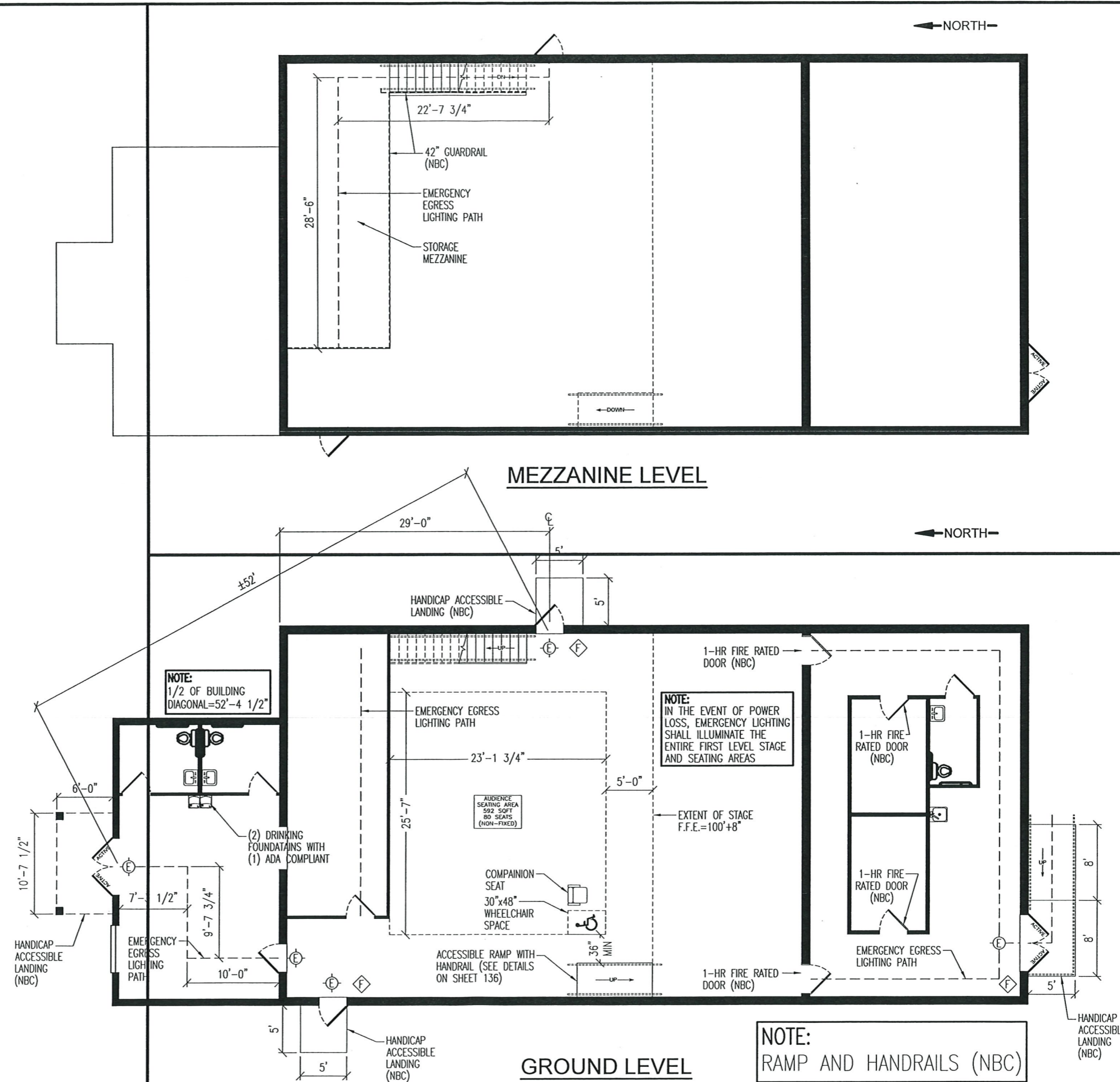
SHEET SCALE: 3/16" = 1'-0"

NOTE:  
SHEET SCALE DESIGNED  
FOR 24"x36" PAPER

**EXIT LIGHT NOTE: SEE FLOOR PLAN FOR EXIT SIGN LOCATIONS**  
⊕ DESIGNATES REQUIRED EXIT LIGHT AS PER IBC 1011.5.1 EVERY EXIT SIGN AND DIRECTIONAL EXIT SIGN SHALL HAVE PLAINLY LEGIBLE LETTERS NOT LESS THAN 6" (152 mm) HIGH WITH THE PRINCIPAL STROKES OF THE LETTERS NOT LESS THAN 6" (152 mm) HIGH WITH THE PRINCIPAL STROKES OF THE LETTERS NOT LESS THAN 0.75" (19.1 mm) WIDE. THE WORD "EXIT" SHALL HAVE LETTERS HAVING A WIDTH NOT LESS THAN 2" (51 mm) WIDE EXCEPT THE LETTER "I", AND THE MINIMUM SPACING BETWEEN LETTERS SHALL NOT BE LESS THAN 0.375" (9.5 mm). SIGNS LARGER THAN THE MINIMUM ESTABLISHED IN THIS SECTION SHALL HAVE LETTER WIDTHS, STROKES AND SPACING IN PROPORTION TO THEIR HEIGHT. THE WORD "EXIT" SHALL BE IN HIGH CONTRAST WITH THE BACKGROUND AND SHALL BE CLEARLY DISCRIBIBLE WHEN THE EXIT SIGN ILLUMINATION MEANS IS OR IS NOT ENERGIZED. IF AN ARROW IS PROVIDED AS PART OF THE EXIT SIGN, THE CONSTRUCTION SHALL BE SUCH THAT THE ARROW DIRECTION CANNOT BE READILY CHANGED. EXIST 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 AND ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH ICC ELECTRICAL CODE.  
**EXCEPTION:**  
APPROVED EXIT SIGNS THAT PROVIDED CONTINUOUS ILLUMINATION INDEPENDENT OF EXTERNAL POWER SOURCES FOR A DURATION OF NOT LESS THAN 90 MINUTES, IN CASE OF PRIMARY POWER LOSS, ARE NOT REQUIRED TO BE CONNECTED TO AN EMERGENCY ELECTRICAL SYSTEM. EXIT SIGNS SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED. THE FACE OF AN EXIT SIGN ILLUMINATED FROM AN EXTERNAL SOURCE SHALL HAVE AN INTENSITY OF NOT LESS THAN 5 FOOT-CANDELES (54 lux). INTERNALLY ILLUMINATED SIGNS SHALL PROVIDE EQUIVALENT LUMINANCE AND BE LISTED FOR THE PURPOSE.  
**EXCEPTION:**  
APPROVED SELF-LUMINOUS EXIT SIGNS THAT PROVIDE EVENLY ILLUMINATED LETTERS SHALL HAVE A MINIMUM LUMINANCE OF 0.06 FOOT-LAMBERTS (0.21 cd/m).

**FIRE EXTINGUISHER NOTE: SEE FLOOR PLAN FOR FIRE EXTINGUISHER LOCATIONS**  
⊕ = MINIMUM 2-A RATED FIRE EXTINGUISHER. EXTINGUISHERS SHALL BE LOCATED IN CONSPICUOUS LOCATIONS WHERE THEY WILL BE READILY ACCESSIBLE AND IMMEDIATELY AVAILABLE FOR USE. THESE LOCATIONS SHALL BE ALONG NORMAL PATHS OF TRAVEL. EXTINGUISHERS SHALL BE LOCATED SUCH THAT THE MAXIMUM TRAVEL DISTANCE TO AN EXTINGUISHER DOES NOT EXCEED 75 FEET. THE NUMBER OF FIRE EXTINGUISHERS INSTALLED SHALL BE SUCH THAT THE MAXIMUM FLOOR AREA PER EXTINGUISHER DOES NOT EXCEED 3000 SQUARE FEET. FIRE EXTINGUISHERS SHALL NOT BE OBSTRUCTED OR OBSCURED FROM VIEW. IN ROOMS OR AREAS IN WHICH VISUAL OBSTRUCTION CANNOT BE COMPLETELY AVOIDED, MEANS SHALL BE PROVIDED TO INDICATE THE LOCATIONS OF EXTINGUISHERS. PORTABLE FIRE EXTINGUISHERS HAVING A GROSS WEIGHT NOT EXCEEDING 40 POUNDS SHALL BE INSTALLED SO THAT ITS TOP IS NOT MORE THAN 5 FEET ABOVE THE FLOOR. HAND-HELD PORTABLE FIRE EXTINGUISHERS HAVING A GROSS WEIGHT EXCEEDING 40 POUNDS SHALL BE INSTALLED SO THAT ITS TOP IS NOT MORE THAN 3.5 FEET ABOVE THE FLOOR. THE CLEARANCE BETWEEN THE FLOOR AND THE BOTTOM OF THE INSTALLED HAND-HELD EXTINGUISHERS SHALL NOT BE LESS THAN 4 INCHES. FIRE EXTINGUISHERS SHALL BE MAINTAINED IN ACCORDANCE WITH NFPA 10.

**MEANS OF EGRESS ILLUMINATION:**  
THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED. THE MINIMUM LEVEL OF ILLUMINATION MEASURED AT THE FLOOR SHALL NOT BE LESS THAN 1 foot-candle (11 lux). IN CASE OF POWER LOSS, AN EMERGENCY SYSTEM SHALL AUTOMATICALLY ILLUMINATE EXIT SIGNS, EMERGENCY EGRESS PATHS, EXIT ACCESS CORRIDORS, PASSAGEWAYS, AND AISLES IN ROOM AND SPACES THAT REQUIRE TWO OR MORE MEANS OF EGRESS. IN ADDITION, THE ABOVE REQUIREMENTS APPLY TO EXIT STAIRWAYS AND THE PORTION OF THE EXTERIOR EXIT DISCHARGE IMMEDIATELY ADJACENT TO EXIT DOORS. THE EMERGENCY POWER SUPPLY SYSTEM SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR. INSTALLATION SHALL BE IN ACCORDANCE WITH THE ICC ELECTRICAL CODE.



**NOTE:**  
RAMP AND HANDRAILS (NBC)

APPROVED FOR CONSTRUCTION  
DATE \_\_\_\_\_ BY \_\_\_\_\_

**GENERAL SPECIFICATIONS**

- 1.0 **WHEELCHAIR TURNING SPACE:** A WHEELCHAIR TURNING SPACE COMPLYING WITH SECTION 304 SHALL BE PROVIDED WITHIN THE ROOM.
- 1.1 **CIRCULAR SPACE:** THE WHEELCHAIR TURNING SPACE SHALL NOT BE LESS THAN 60" MINIMUM.
- 1.2 **T-SHAPED SPACE:** THE WHEELCHAIR TURNING SPACE SHALL BE A T-SHAPED SPACE WITHIN A 60" MINIMUM SQUARE WITH ARMS AND BASE 36" WIDE MINIMUM. EACH ARM OF THE T SHALL BE CLEAR OF OBSTRUCTIONS 12" MINIMUM IN EACH DIRECTION AND THE BASE SHALL BE CLEAR OF OBSTRUCTIONS 24" MINIMUM.
- 1.3 **OVERLAP:** CLEAR FLOOR OR GROUND SPACES, CLEARANCES AT FIXTURES, AND WHEELCHAIR TURNING SPACES SHALL BE PERMITTED TO OVERLAP.
- 2.0 **DOORS:** DOORS SHALL NOT SWING INTO THE CLEAR FLOOR OR GROUND SPACE OR CLEARANCE FOR ANY FIXTURE. EXCEPTION: WHERE THE ROOM IS FOR INDIVIDUAL USE AND A CLEAR FLOOR OR GROUND SPACE OF 30"x48" IS PROVIDED WITHIN THE ROOM, BEYOND THE ARC OF THE DOOR SWING.
- 3.0 **MIRRORS:** MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 40" MAXIMUM ABOVE THE FLOOR OR GROUND.
- 4.0 **WATER CLOSET LOCATION:** THE WATER CLOSET SHALL BE POSITIONED WITH A WALL OR PARTITION TO THE REAR AND TO ONE SIDE. THE CENTERLINE OF THE WATER CLOSET SHALL BE 16" MINIMUM TO 18" MAXIMUM FROM THE SIDE WALL OR PARTITION.
- 5.0 **WATER CLOSET CLEARANCE:** CLEARANCE AROUND THE WATER CLOSET SHALL BE 60" MINIMUM, MEASURED PERPENDICULAR FROM THE SIDE WALL, AND 56" MINIMUM, MEASURED PERPENDICULAR FROM THE REAR WALL. NO OTHER FIXTURES OR OBSTRUCTIONS SHALL BE WITHIN THE WATER CLOSET CLEARANCE. THE CLEARANCE AROUND THE WATER CLOSET SHALL BE PERMITTED TO OVERLAP THE FIXTURE, ASSOCIATED GRAB BARS, TISSUE DISPENSERS, ACCESSIBLE ROUTES, AND CLEAR FLOOR OR GROUND SPACE, OR CLEARANCES AT OTHER FIXTURES AND THE WHEELCHAIR TURNING SPACE.
- 6.0 **WATER CLOSET HEIGHT:** THE TOP OF WATER CLOSET SEATS SHALL BE 17" MINIMUM TO 19" MAXIMUM ABOVE THE FLOOR OR GROUND. SEATS SHALL NOT RETURN AUTOMATICALLY TO A LIFTED POSITION.
- 7.0 **GRAB BARS:** GRAB BARS SHALL HAVE A CIRCULAR CROSS SECTION WITH A DIAMETER OF 1 1/4" MINIMUM AND 2" MAXIMUM. GRAB BARS WITH OTHER SHAPES SHALL BE PERMITTED PROVIDED THEY HAVE A PERIMETER DIMENSION OF 4" MINIMUM AND 4.8" MAXIMUM AND WITH EDGES HAVING A 1/8" MINIMUM RADIUS. THE SPACING BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1 1/2". THE SPACE BETWEEN THE GRAB BAR AND OBJECTS BELOW AND AT THE ENDS SHALL BE 1 1/2" MINIMUM. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS ABOVE SHALL BE 12" MINIMUM. GRAB BARS SHALL BE MOUNTED IN A HORIZONTAL POSITION, 33" MINIMUM AND 36" MAXIMUM ABOVE THE FLOOR. EXCEPTION: A VERTICAL GRAB BAR 18" MINIMUM IN LENGTH SHALL BE MOUNTED WITH THE BOTTOM OF THE BAR LOCATED BETWEEN 39" AND 41" ABOVE THE FLOOR, AND WITH THE CENTER LINE OF THE BAR LOCATED BETWEEN 39" AND 41" FROM THE REAR WALL. GRAB BARS SHALL BE PROVIDED ON THE REAR WALL AND ON THE SIDE WALL CLOSEST TO THE WATER CLOSET. SIDE WALL GRAB BAR SHALL BE 42" LONG MINIMUM, 12" MAXIMUM FROM THE REAR WALL, AND EXTENDING 54" MINIMUM FROM THE REAR WALL. THE REAR WALL GRAB BAR SHALL BE 24" LONG MINIMUM AND CENTERED ON THE WATER CLOSET.
- 8.0 **LAVATORIES AND SINKS:** A CLEAR FLOOR OR GROUND SPACE OF 30"x48" POSITIONED FOR FORWARD APPROACH SHALL BE PROVIDED. THE FRONT OF LAVATORIES AND SINKS SHALL BE 34" MAXIMUM ABOVE THE FLOOR OR GROUND, MEASURED TO THE HIGHER OF THE FIXTURE RIM OR COUNTER SURFACE. FAUCETS SHALL HAVE OPERABLE PARTS THAT ARE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM. SINKS SHALL BE 6 1/2" DEEP MAXIMUM. WATER SUPPLY AND DRAIN PIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES AND SINKS.
- 9.0 **TOILET PAPER DISPENSERS:** TOILET PAPER DISPENSERS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM. TOILET PAPER DISPENSERS SHALL 7" MINIMUM AND 9" MAXIMUM IN FRONT OF THE WATER CLOSET. THE OUTLET OF THE DISPENSER SHALL BE 15" MINIMUM AND 48" MAXIMUM ABOVE THE FLOOR OR GROUND. THERE SHALL BE A CLEARANCE OF 1 1/2" MINIMUM BELOW AND 12" MINIMUM ABOVE THE GRAB BAR. DISPENSERS SHALL NOT BE OF A TYPE THAT CONTROL DELIVERY, OR THAT DO NOT ALLOW CONTINUOUS PAPER FLOW.
- 10.0 **SURROUNDING MATERIALS:** TOILET AND BATHING ROOM FLOORS SHALL HAVE A SMOOTH, HARD, NON-ABSORBANT SURFACE THAT EXTENDS UPWARD ONTO THE WALLS AT LEAST 6 INCHES. WALLS WITHIN 2 FEET OF URINALS AND WATER CLOSETS SHALL HAVE A SMOOTH, HARD, NON-ABSORBANT SURFACE, TO A HEIGHT OF 4 FEET ABOVE THE FLOOR, AND EXCEPT FOR STRUCTURAL ELEMENTS, THE MATERIAL USED IN SUCH WALLS SHALL NOT BE OF A TYPE THAT IS NOT ADVERSELY AFFECTED BY MOISTURE.
- 11.0 **LAVATORY SIZE:** THESE ROOMS WERE DERIVED USING A LAVATORY WITH A MAXIMUM WIDTH OF 20" AND A MAXIMUM LENGTH OF 18". IF A LAVATORY WITH A WIDER OR LONGER DIMENSION IS USED, THE ROOM WIDTH AND/OR LENGTH WILL NEED TO BE INCREASED.

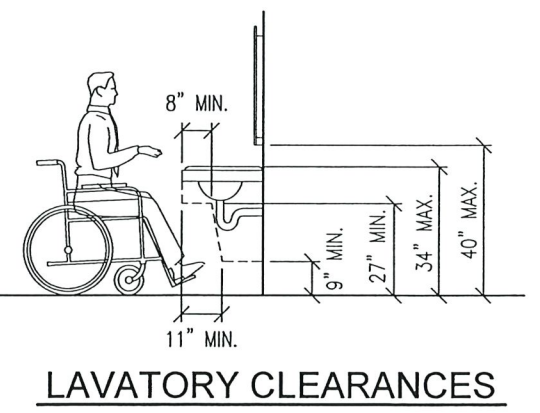
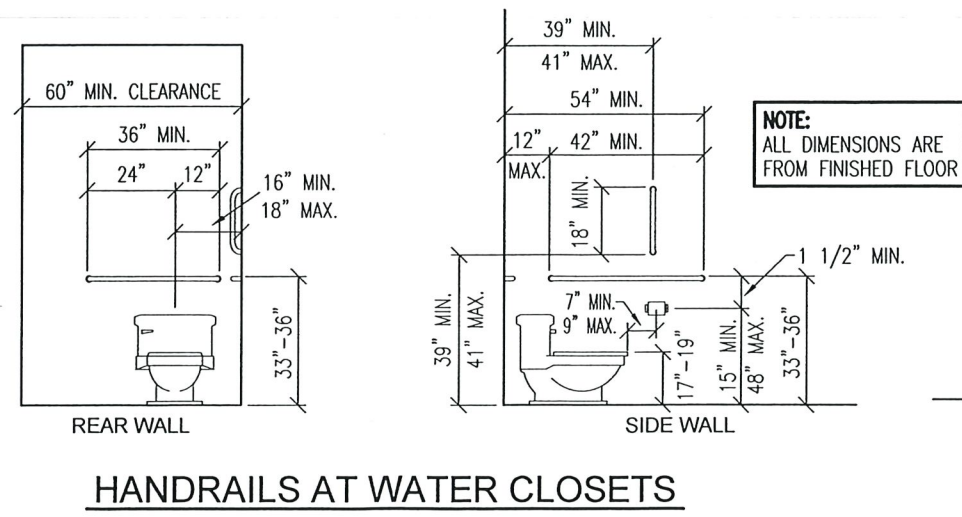
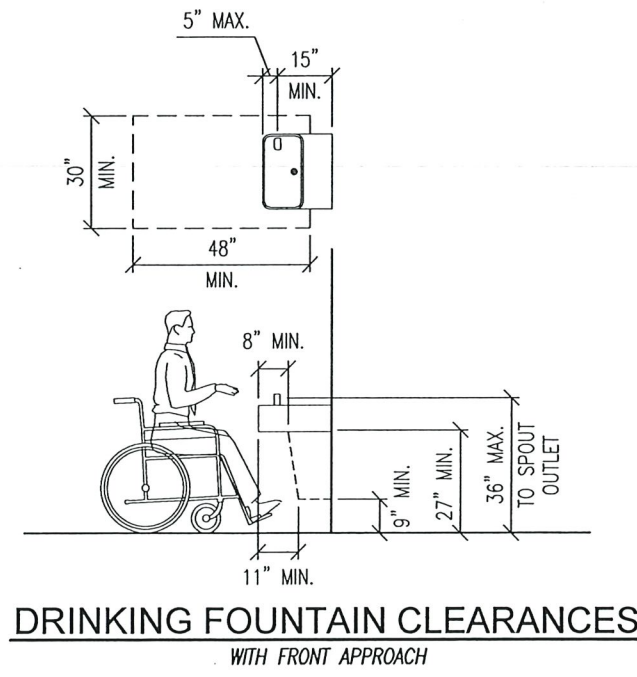
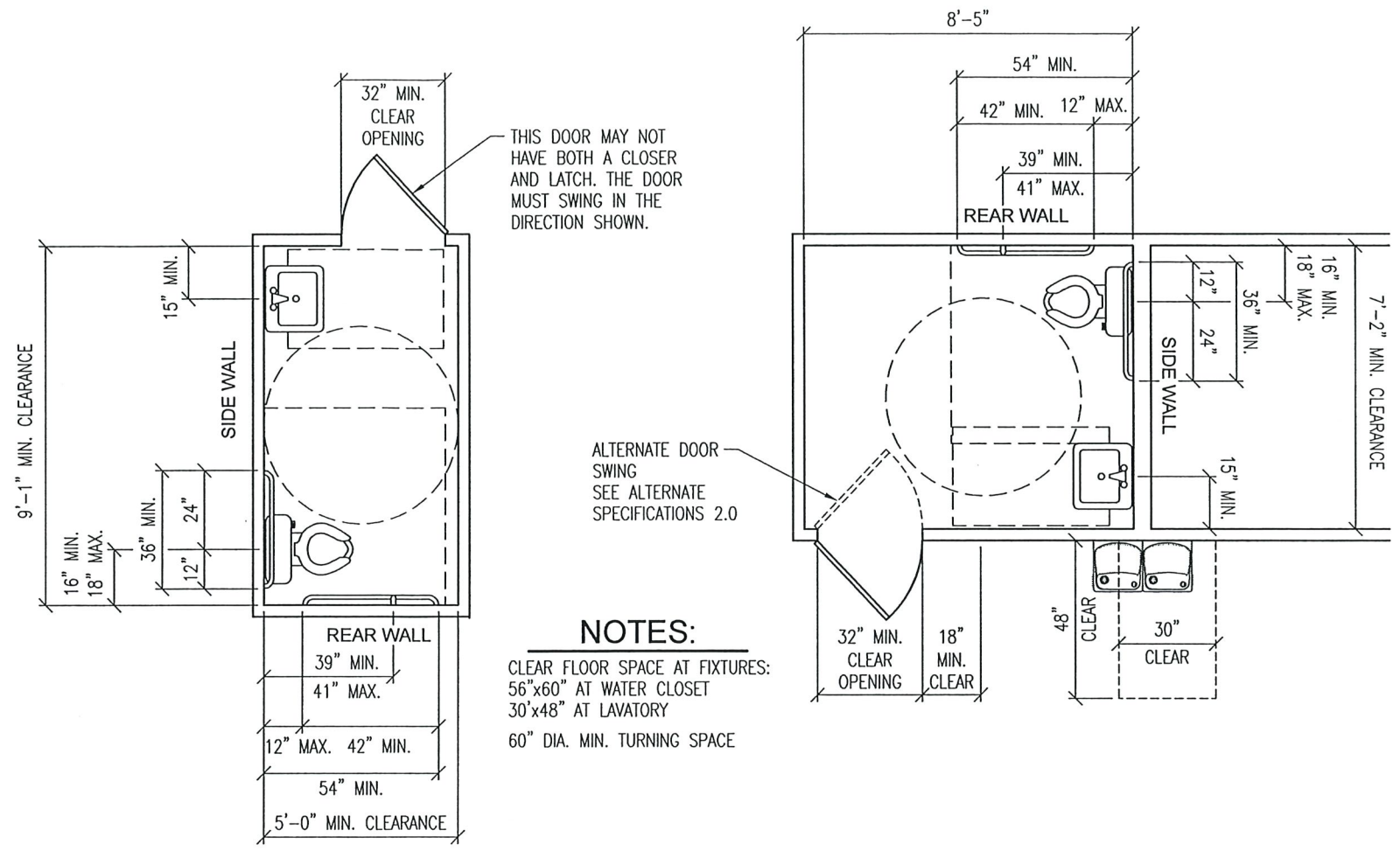


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VERONA, WI 53593 / (800) 373-5550

**DRAWN BY:** ZIESE  
**DATE DRAWN:** 6/9/2021

**PLAN REVISIONS:**

NUMBER	DATE	BY
1		
2		
3		
4		



**PROJECT NAME:** DC ARTS CENTER LLC. - STUART CHAMPEAU  
**PROJECT SITE ADDRESS:** 917 NORTH 14TH AVENUE  
 STURGEON BAY, WI - DOOR COUNTY  
**BUILDING SIZE:** 40'-0" x 80'-0" x 20'-8" WITH LEAN AND PORCH  
**SHEET NAME:** RESTROOM LAYOUT DETAILS

**PROJECT NUMBER:** 2020104484  
**SHEET NUMBER:** 132  
**SHEET SCALE:** 1/2" = 1'-0"

**NOTE:** SHEET SCALE DESIGNED FOR 24"x36" PAPER

**APPROVED FOR CONSTRUCTION**  
 DATE \_\_\_\_\_ BY \_\_\_\_\_



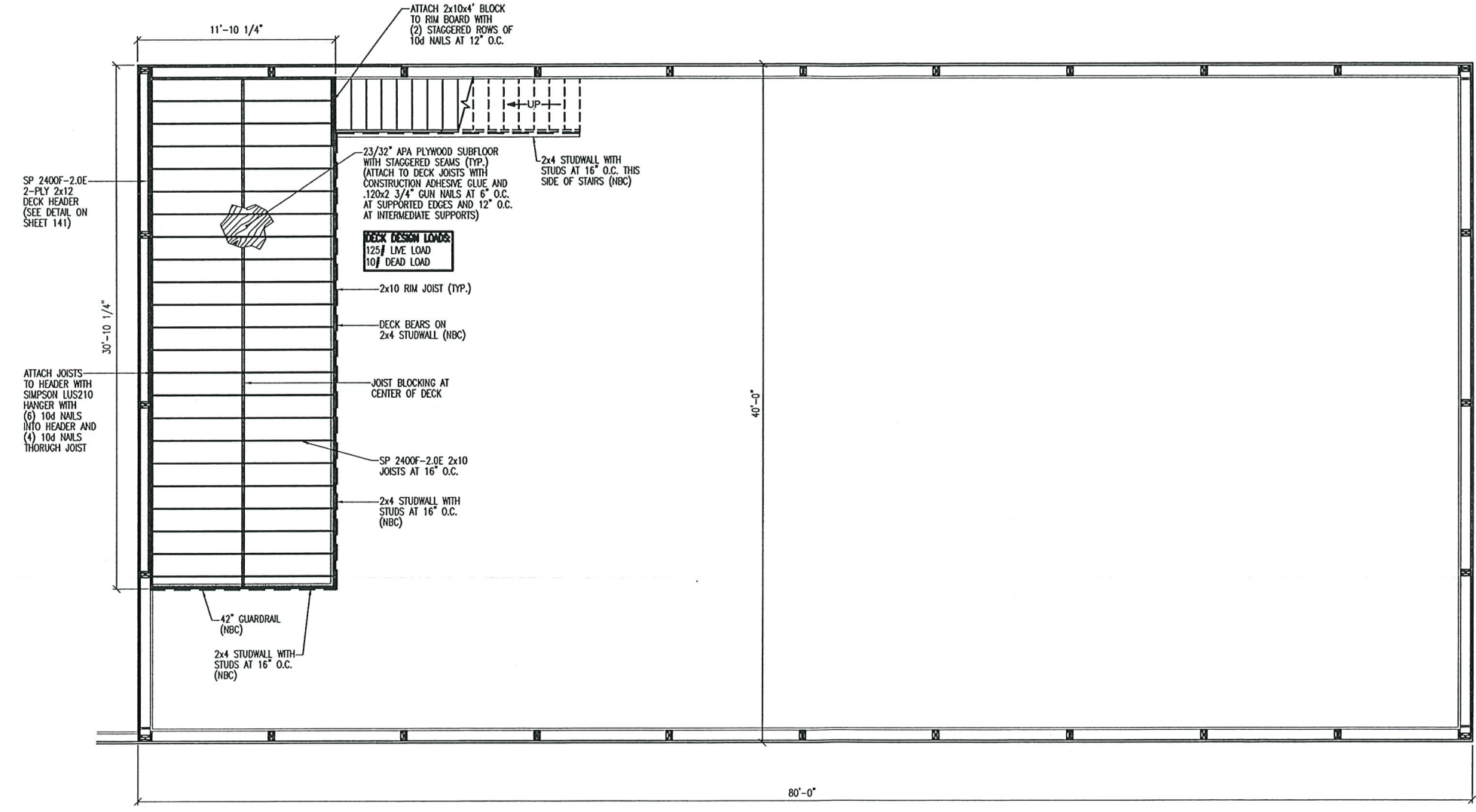
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VERONA, WI 53593 / (800) 373-5550

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DATE DRAWN: 6/9/2021

PLAN REVISIONS:

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PROJECT NAME:  
**DC ARTS CENTER LLC. - STUART CHAMPEAU**

PROJECT SITE ADDRESS:  
917 NORTH 14TH AVENUE  
STURGEON BAY, WI - DOOR COUNTY

BUILDING SIZE:  
40'-0" x 80'-0" x 20'-8" WITH LEAN AND PORCH

SHEET NAME:  
MEZZANINE FRAMING PLAN

PROJECT NUMBER:  
**2020104484**

SHEET NUMBER:  
**133**

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

NOTE:  
SHEET SCALE DESIGNED  
FOR 24"x36" PAPER

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DATE \_\_\_\_\_ BY \_\_\_\_\_

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PROJECT NAME: DC ARTS CENTER LLC. - STUART CHAMPEAU

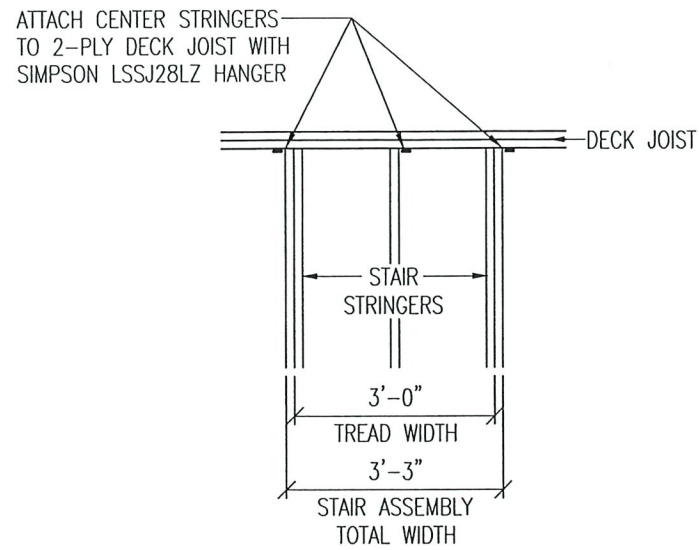
PROJECT SITE ADDRESS:  
917 NORTH 14TH AVENUE  
STURGEON BAY, WI - DOOR COUNTY  
BUILDING SIZE:  
40'-0" x 80'-0" x 20'-8" WITH LEAN AND PORCH  
SHEET NAME:  
STAIR FRAMING DETAILS

PROJECT NUMBER:  
**2020104484**

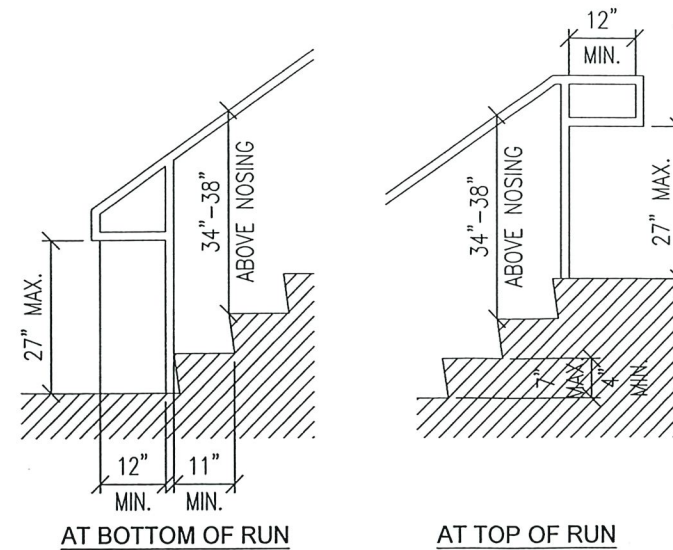
SHEET NUMBER:  
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SHEET SCALE: 3/4" = 1'-0"

NOTE:  
SHEET SCALE DESIGNED FOR 24"x36" PAPER



**STAIR STRINGER ATTACHMENT DETAIL**

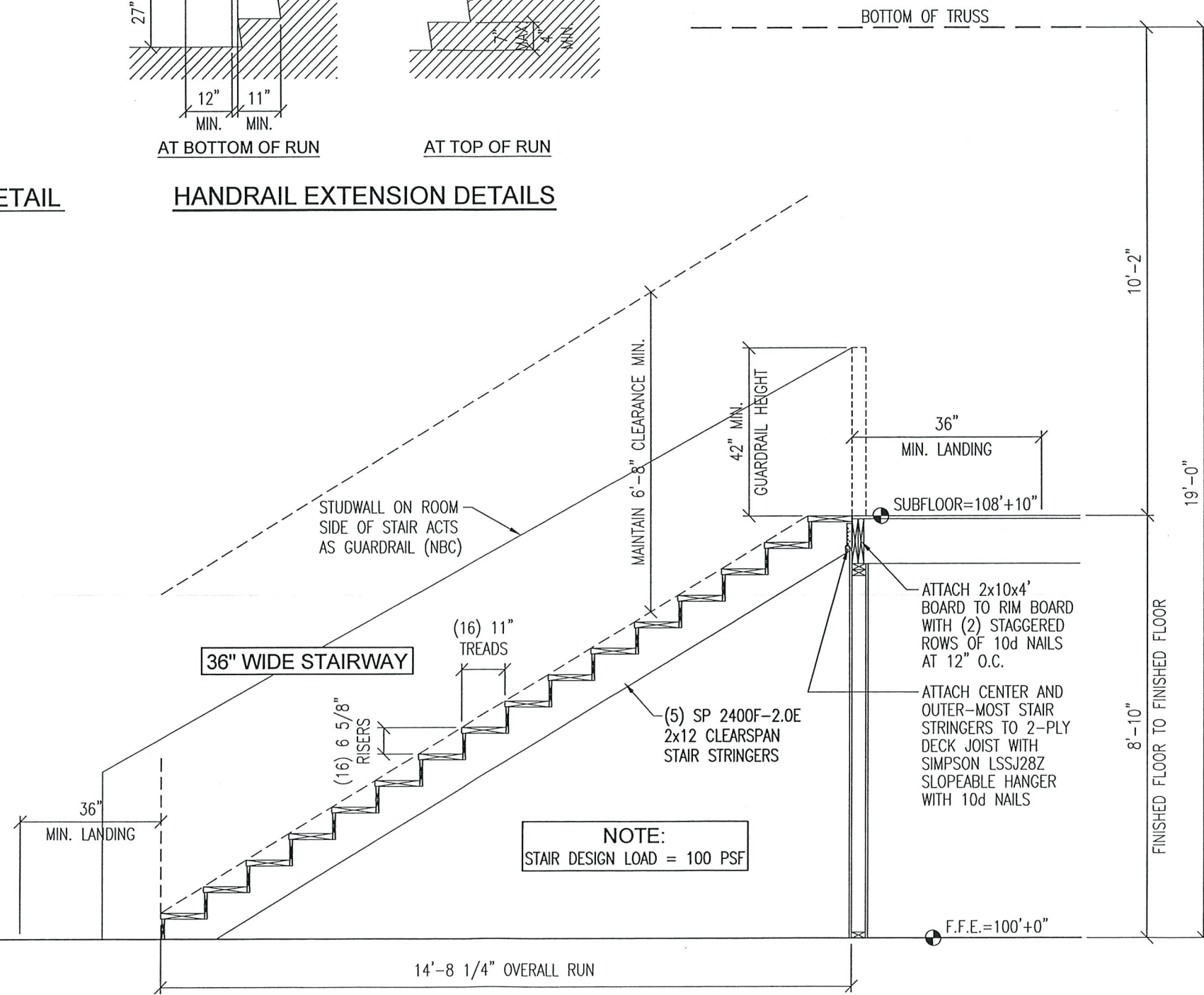


**HANDRAIL EXTENSION DETAILS**

**NOTE:**  
**STAIRWAY WIDTH:**  
STAIRWAYS SERVING AN OCCUPANT LOAD LESS THAN 50 SHALL NOT BE LESS THAN 36" IN WIDTH. HANDRAILS MAY PROJECT INTO THE REQUIRED WIDTH A DISTANCE OF 4 1/2" FROM EACH SIDE OF A STAIRWAY.

**HANDRAILS:**  
STAIRWAYS SHALL HAVE HANDRAILS ON EACH SIDE. THE TOP OF THE HANDRAILS AND HANDRAIL EXTENSIONS SHALL NOT BE PLACED LESS THAN 34" NOR MORE THAN 38" ABOVE LANDINGS AND THE NOSING OF TREADS. HANDRAIL GRIPPING SURFACES SHALL BE CONTINUOUS, WITHOUT INTERRUPTION BY NEWEL POSTS OR OTHER OBSTRUCTIONS. HANDRAILS WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF AT LEAST 1 1/4" AND NOT GREATER THAN 2" OR SHALL PROVIDE EQUIVALENT GRASPABILITY. IF THE HANDRAIL IS NOT CIRCULAR, IT SHALL HAVE A PERIMETER DIMENSION OF AT LEAST 4" AND NOT GREATER THAN 6 1/4" WITH A MAXIMUM CROSS SECTION DIMENSION OF 2 1/4". HANDRAILS SHALL EXTEND HORIZONTALLY AT LEAST 12" BEYOND THE TOP RISER AND CONTINUE TO SLOPE FOR THE DEPTH OF ONE TREAD BEYOND THE BOTTOM RISER. CLEAR SPACE BETWEEN A HANDRAIL AND A WALL OR OTHER SURFACE SHALL BE A MINIMUM OF 1.5"

**GUARDRAILS:**  
GUARDRAILS ARE REQUIRED AT UNENCLOSED FLOOR AND ROOF OPENINGS, OPEN AND GLAZED SIDES OF STAIRWAYS, AISLES, LANDINGS AND RAMPS, BALCONIES OR PORCHES WHICH ARE MORE THAN 30" ABOVE GRADE. THE TOP OF GUARDRAILS SHALL NOT BE LESS THAN 42" IN HEIGHT. OPEN GUARDRAILS SHALL HAVE INTERMEDIATE RAILS OR AN ORNAMENTAL PATTERN SUCH THAT A SPHERE 4" IN DIAMETER CANNOT PASS THROUGH.



**PREFABRICATED STAIR ASSEMBLY "A"**

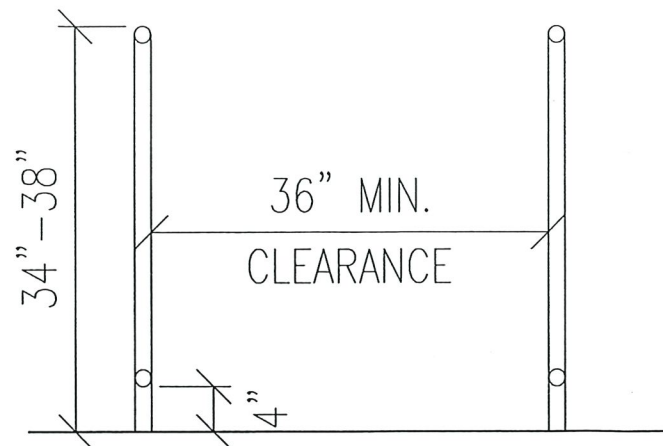
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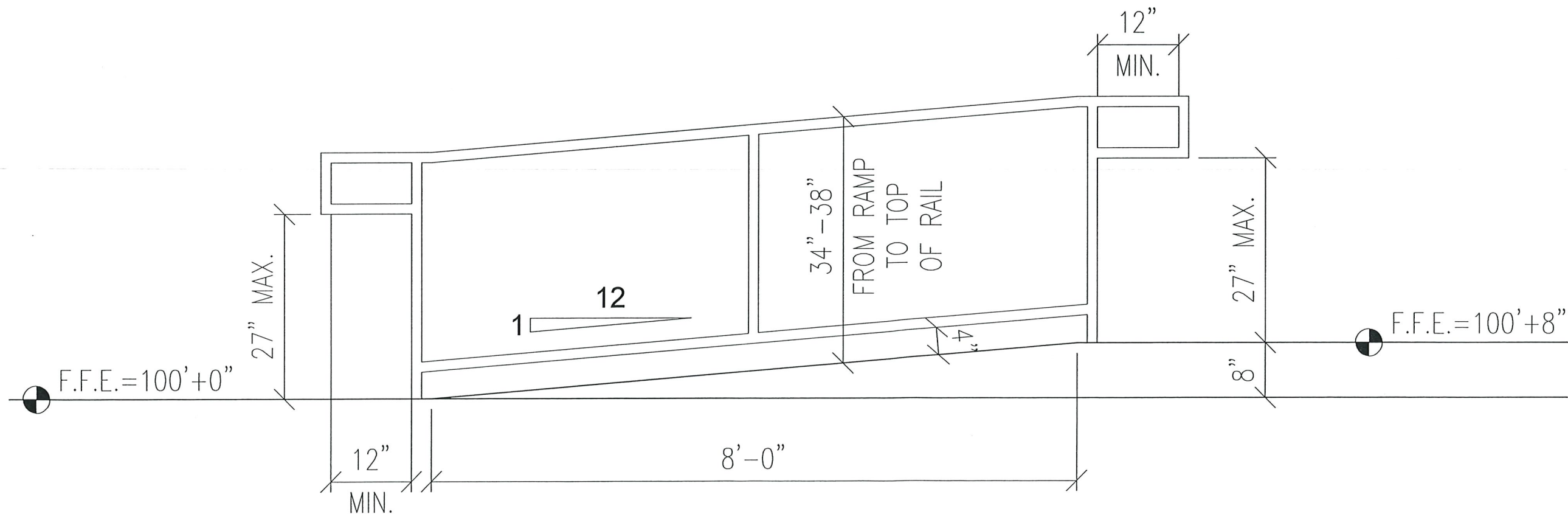


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**ACCESSIBLE RAMP  
HANDRAIL DETAIL**



**ACCESSIBLE STAGE RAMP**

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**PROJECT NAME:**  
DC ARTS CENTER LLC. - STUART CHAMPEAU  
**PROJECT SITE ADDRESS:**  
917 NORTH 14TH AVENUE  
STURGEON BAY, WI - DOOR COUNTY  
**BUILDING SIZE:**  
40'-0" x 80'-0" x 20'-8" WITH LEAN AND PORCH  
**SHEET NAME:**  
ACCESSIBLE RAMP DETAILS

**PROJECT NUMBER:**  
2020104484  
**SHEET NUMBER:**  
135  
**SHEET SCALE:** 1/2" = 1'-0"

**NOTE:**  
SHEET SCALE DESIGNED  
FOR 24"x36" PAPER

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Printed By: Michael Waldera Date Printed: 7/16/2021 10:49 AM

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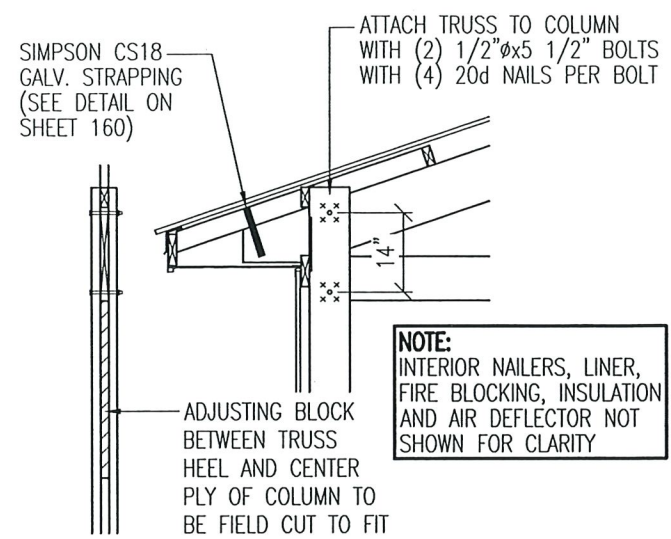
PROJECT NAME: **DC ARTS CENTER LLC. - STUART CHAMPEAU**  
 PROJECT SITE ADDRESS:  
 917 NORTH 14TH AVENUE  
 STURGEON BAY, WI - DOOR COUNTY  
 BUILDING SIZE:  
 40'-0" x 80'-0" x 20'-8" WITH LEAN AND PORCH  
 SHEET NAME:  
 TYPICAL SECTION "A"

PROJECT NUMBER:  
**2020104484**

SHEET NUMBER:  
**140**

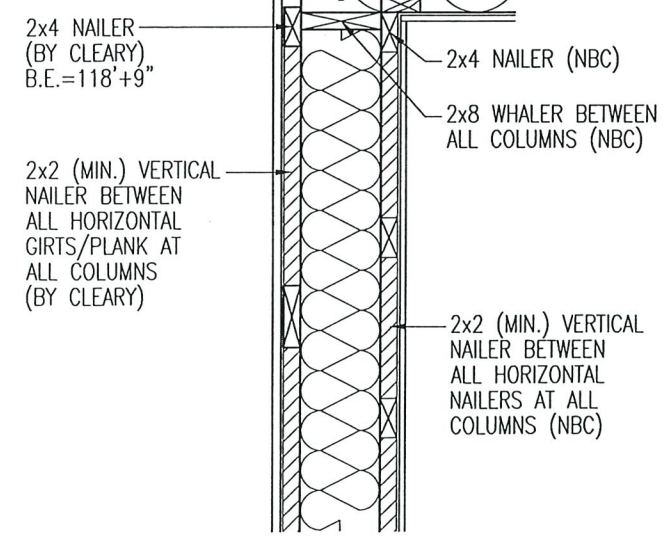
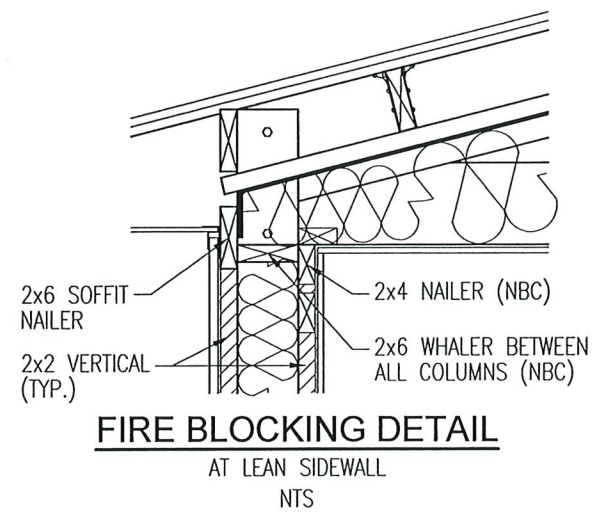
SHEET SCALE: 3/4"=1'-0"

NOTE:  
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 FOR 24"x36" PAPER

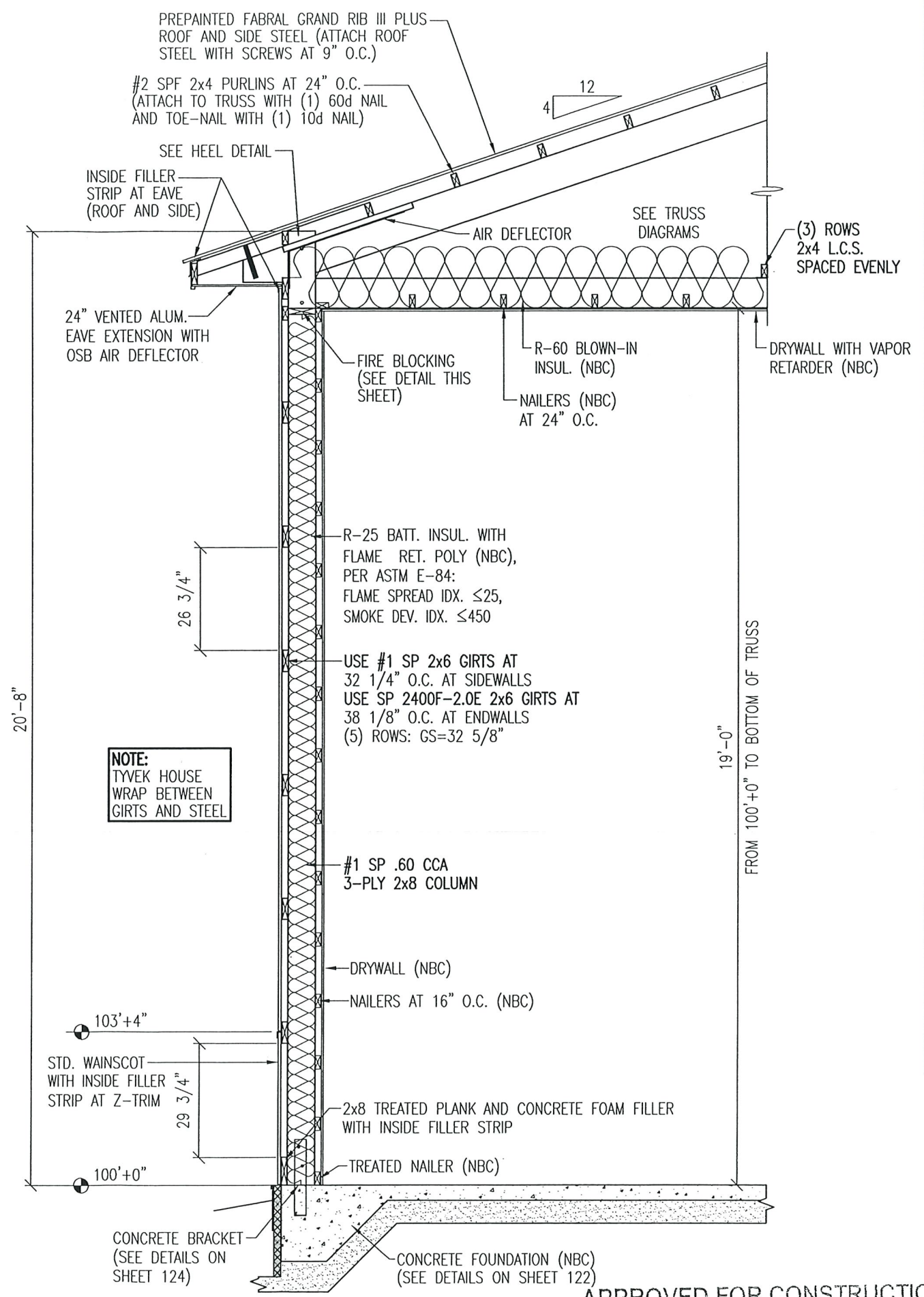


NOTE:  
 INTERIOR NAILERS, LINER, FIRE BLOCKING, INSULATION AND AIR DEFLECTOR NOT SHOWN FOR CLARITY

**HEEL DETAIL**  
 SCALE: 3/4"=1'-0"



**FIRE BLOCKING DETAIL**  
 AT MAIN BUILDING SIDEWALLS  
 NTS



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PROJECT NAME:  
**DC ARTS CENTER LLC. - STUART CHAMPEAU**

PROJECT SITE ADDRESS:  
917 NORTH 14TH AVENUE  
STURGEON BAY, WI - DOOR COUNTY

BUILDING SIZE:  
40'-0" x 80'-0" x 20'-8" WITH LEAN AND PORCH

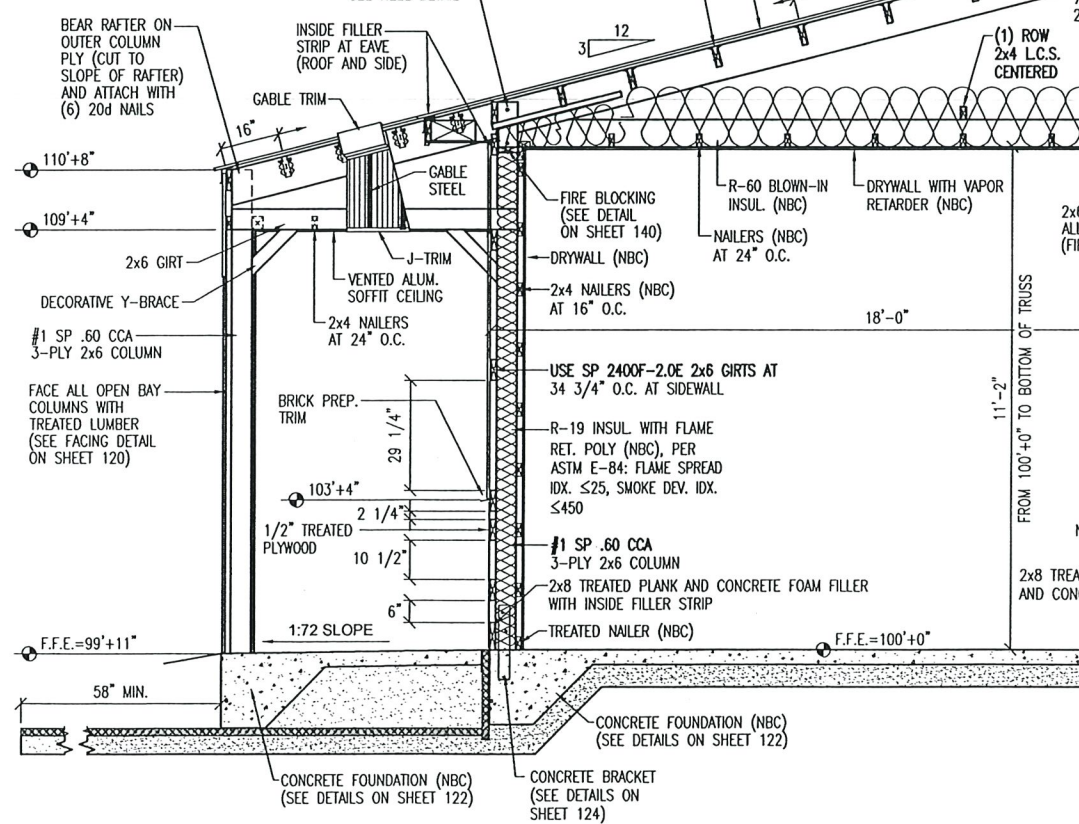
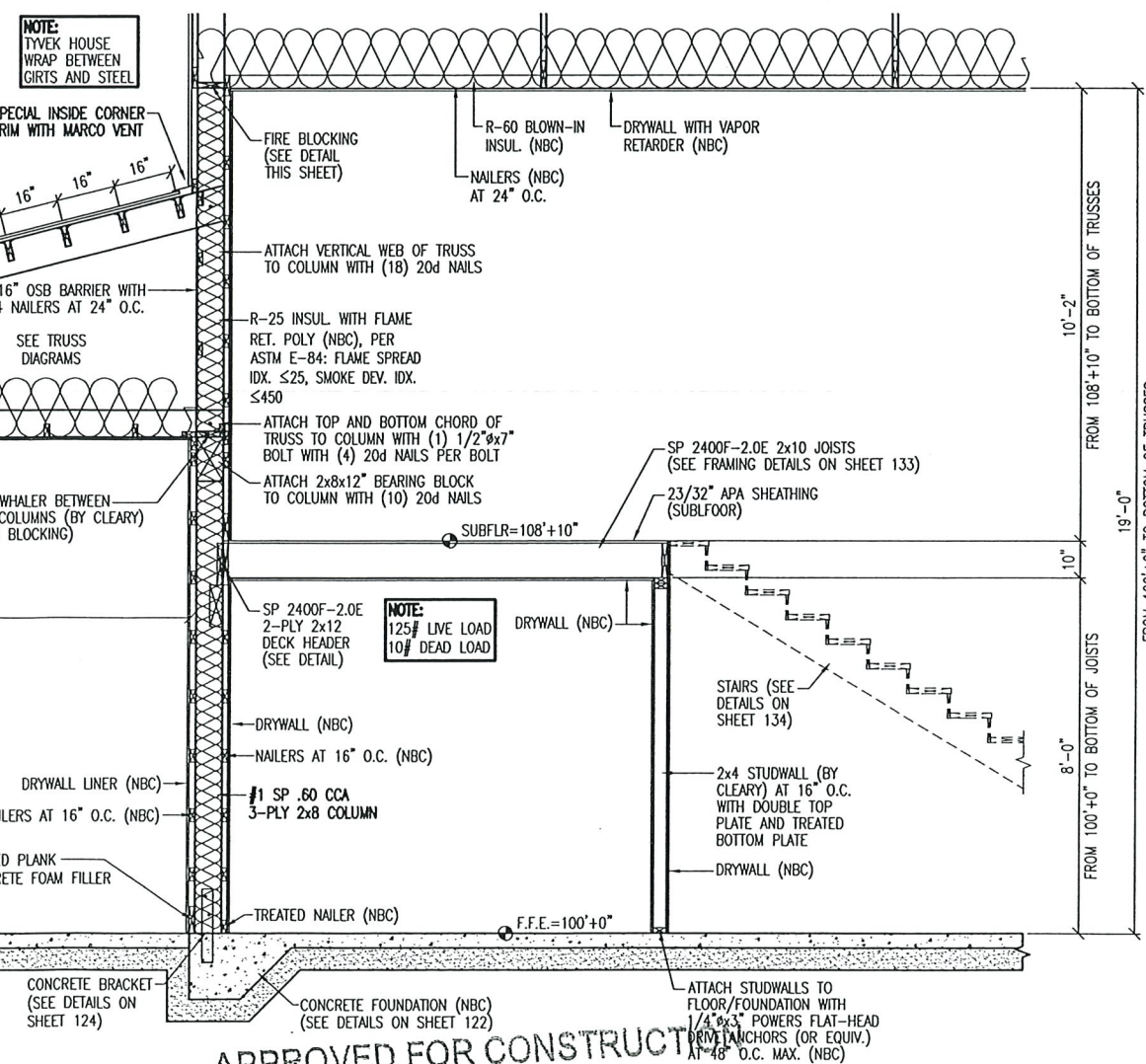
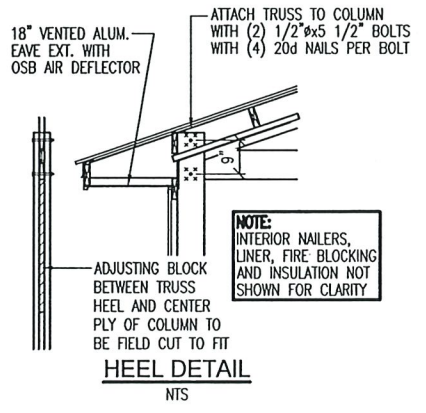
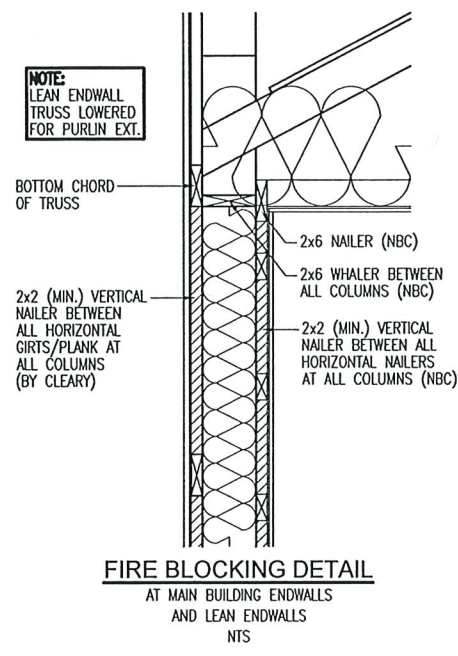
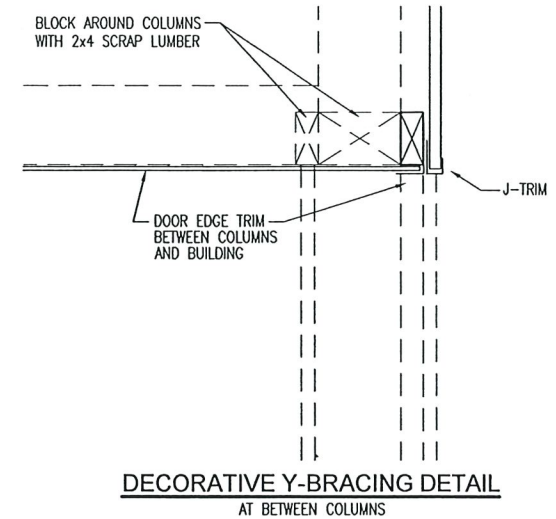
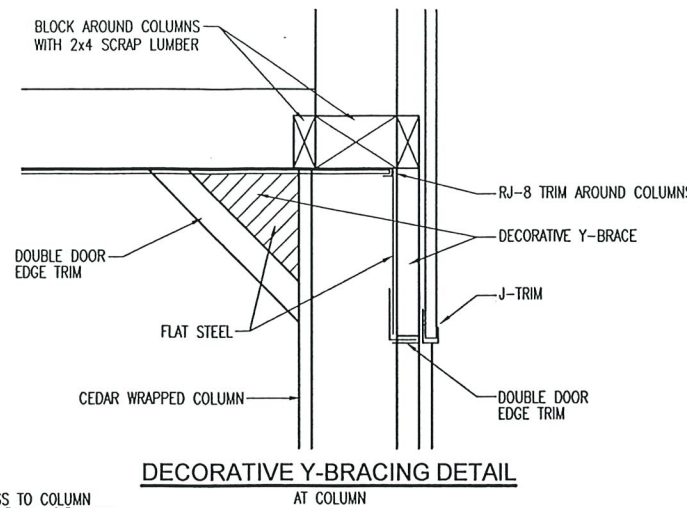
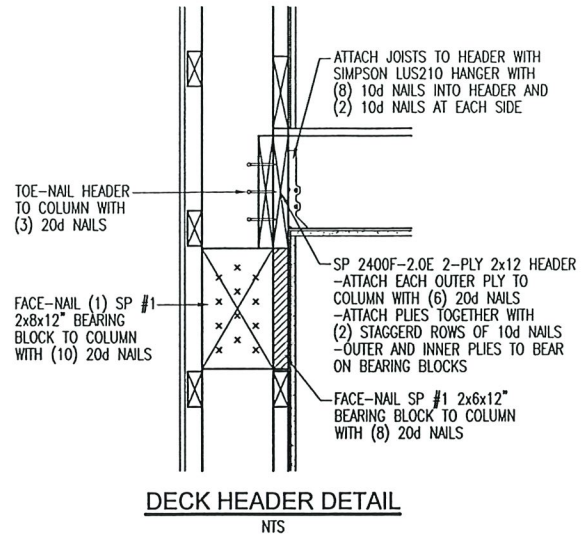
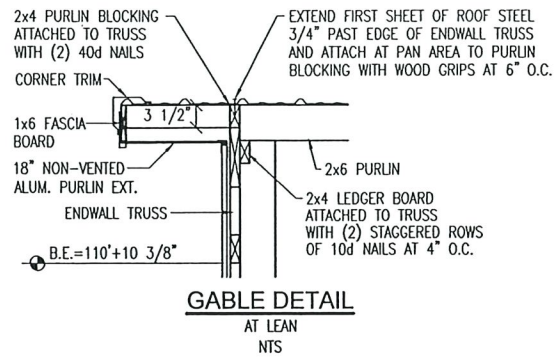
SHEET NAME:  
TYPICAL SECTION "B"

PROJECT NUMBER:  
**2020104484**

SHEET NUMBER:  
**141**

SHEET SCALE: 1/2" = 1'-0"

NOTE:  
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FOR 24"x36" PAPER



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DRAWN BY: ZIESE

DATE DRAWN: 6/9/2021

PLAN REVISIONS:

NUMBER	DATE	BY
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2		
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4		

PROJECT NAME: DC ARTS CENTER LLC. - STUART CHAMPEAU

PROJECT SITE ADDRESS: 917 NORTH 14TH AVENUE

STURGEON BAY, WI - DOOR COUNTY

BUILDING SIZE: 40'-0" x 80'-0" x 20'-8" WITH LEAN AND PORCH

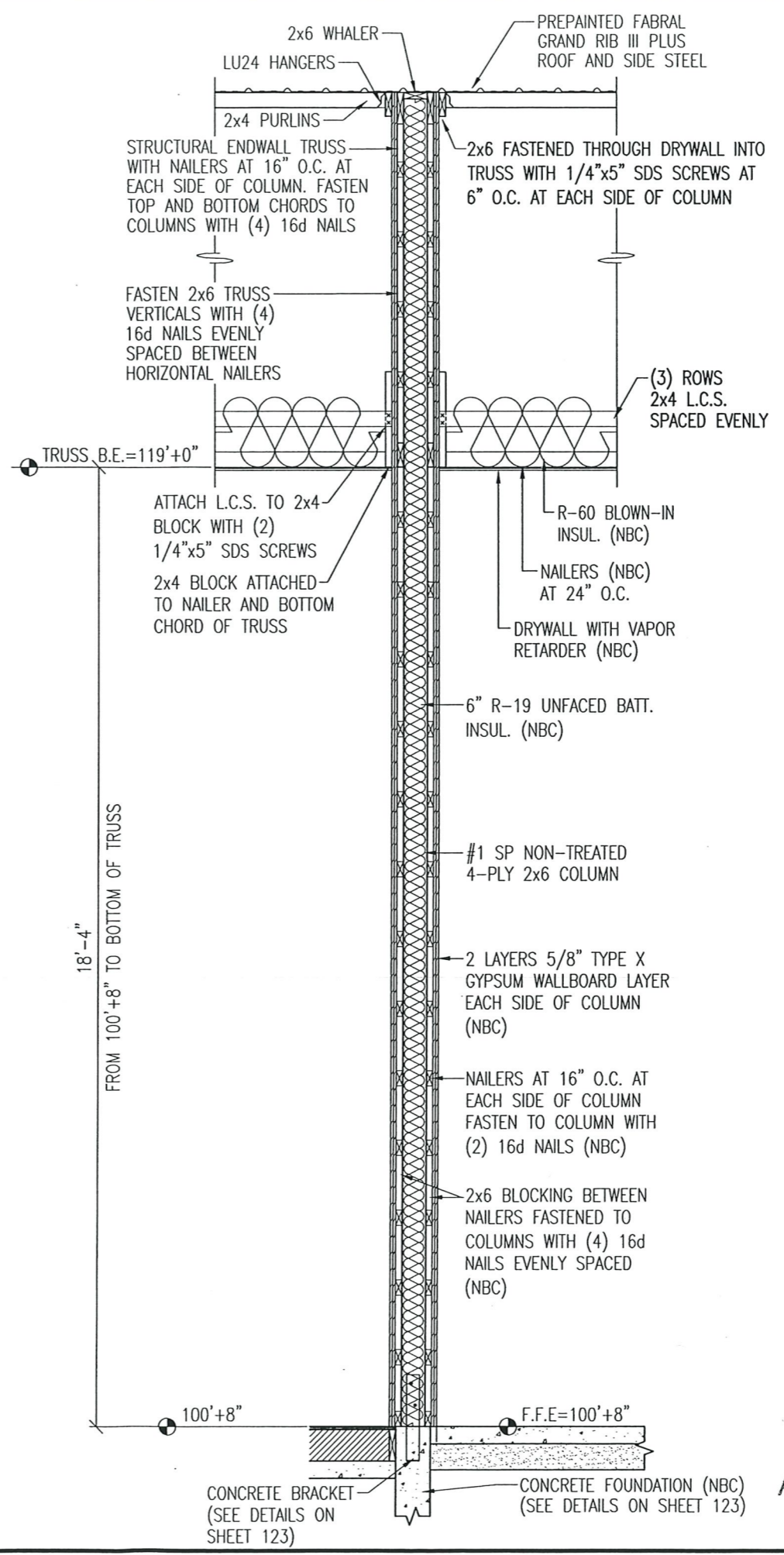
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PROJECT NUMBER: 2020104484

SHEET NUMBER: 142

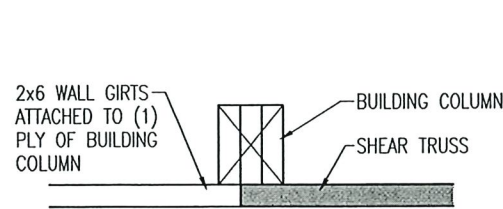
SHEET SCALE: 3/4" = 1'-0"

NOTE: SHEET SCALE DESIGNED FOR 24"x36" PAPER

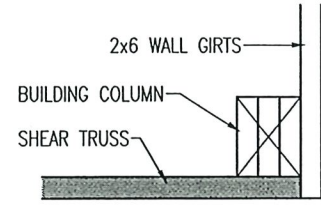


**UL DESIGN NO V304 ASSEMBLY SPECIFICATIONS:**  
 NOM. 5/8" THICK TYPE X GYPSUM BOARD APPLIED HORIZONTALLY. JOINTS IN ADJACENT LAYERS ARE STAGGERED A MIN. 16". GYPSUM BOARD SECURED TO THE WOOD GIRTS AS FOLLOWS:  
**FIRST LAYER** FASTENED WITH 2" LONG TYPE W COARSE THREADED SCREWS SPACED MAX. 24" O.C. ALONG THE HORIZONTAL EDGE AND MAX. 8" O.C. ALONG THE VERITCAL EDGE TO THE COLUMNS.  
**SECOND LAYER** FASTENED WITH 2 1/2" LONG TYPE W COARSE THREADED SCREWS SPACED MAX. 24" O.C.  
**NOTE:** RECOMMENDED EXTERIOR LAYER AND LAYERS IN CONTACT WITH CONCRETE: USG SHEET ROCK FIRECODE X (UL TYPE SHX)  
 ALL SCREWS ARE OFFSET MIN. 6" FROM ADJACENT LAYERS

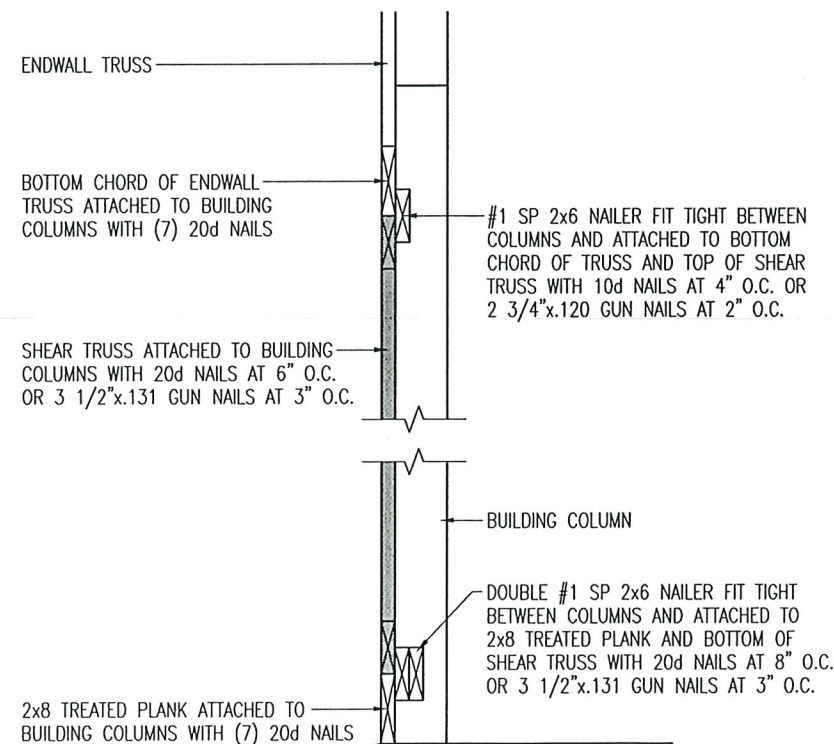
APPROVED FOR CONSTRUCTION  
 DATE \_\_\_\_\_ BY \_\_\_\_\_



**SHEAR TRUSS DETAIL  
AT BUILDING COLUMN**



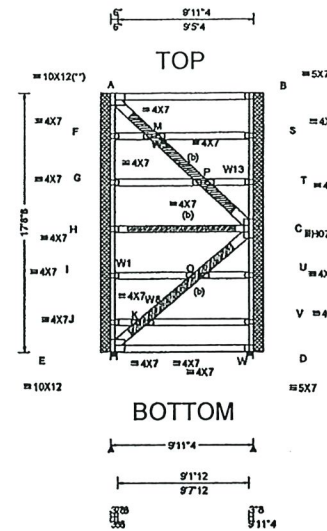
**SHEAR TRUSS DETAIL  
AT CORNER COLUMN**



**ENDWALL SHEAR TRUSS SECTION**

SEQN: 23382 FROM: ZEW	FLAT Ply: 1 Qty: 1	Job Number: 2020104484 Truss Label: SA9-11-4X17-8-8SHEAR2650	Cust: R 7054 JRef: 1WZO70540008 T2901 DrwNo: 294.20.1321.52990 DEH / AHF 10/20/2020
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**FOREMAN NOTE:**  
TO ENSURE PROPER INSTALLATION OF SHEAR TRUSS, PLEASE NOTE TOP AND BOTTOM NOTED ON DIAGRAM AND VERIFY ENDWALL GIRT SPACING PRIOR TO INSTALLATION



<b>Loading Criteria (psf)</b> TCLL: 1.00 TCDL: 1.00 BCLL: 0.00 BCDL: 1.00 Des Ld: 3.00 NCBCLL: 20.00 Soffit: 2.00 Load Duration: 1.60 Spacing: 12.0"	<b>Wind Criteria</b> Wind Std: Speed: Enclosure: Risk Category: EXP: Kzt: Mean Height: TCDL: BCDL: MWFRS Parallel Dist: C&C Dist a: Loc. from endwall: GCpl: Wind Duration:	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Building Code:</b> IBC 2015 TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT/PT:20(20)/10(10)/4(0) Plate Type(s): WAVE, HS	<b>Defl/CSI Criteria</b> PP Deflection in loc L/def L/# VERT(LL): 0.008 B 999 240 VERT(CL): 0.008 B 999 180 HORZ(LL): -0.096 B - - HORZ(TL): 0.096 B - - Creep Factor: 2.0 Max TC CSI: 0.046 Max BC CSI: 0.989 Max Web CSI: 1.000  VIEW Ver: 18.02.01A.0205.19	<b>Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL E 103 /- /31 /261 /242 /1313 W 103 /- /31 /326 /307 /1312 Wind reactions based on MWFRS E Brg Width = 5.5 Min Req = 5.5 W Brg Width = 5.5 Min Req = 5.5 Bearings E & W are a rigid surface. Members not listed have forces less than 375# <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. A - B 2629 -2631
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<b>Lumber</b> Top chord: 2x6 SP 2400f-2.0E; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x6 SP 2400f-2.0E; W1,W13 2x4 SP #2; W5, W8 2x8 SP 2400f-2.0E;	<b>Loading</b> Truss transfers a maximum horizontal load of 2650 # ( 283.30 plf ) along top chord, from either direction, to supports where indicated. Diaphragm and connections are to be designed by Engineer of Record. Drag Loads: Force(#) (PLF) Mbr Start End Case 1: 2650 283.30 TC 0.29 9.65 2650 283.30 BC 0.29 9.65  Bottom chord checked for 20.00 psf non-concurrent bottom chord live load applied per IBC-15 section 1607.	<b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. E - D 1325 -1325
<b>Bracing</b> (b) #3 or better scab reinforcement. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" oc.  In lieu of rigid sheathing use purlins to brace TC @ 24" oc  See Cleary Building Corp. drawings for bearing attachment and bottom chord bracing details. This design applies to both open wall and enclosed wall buildings.	<b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. A - F 2388 -2398 M - P 3544 -3544 A - M 3528 -3528 O - C 3435 -3435 E - J 2424 -2434 P - C 3558 -3558 E - K 3405 -3405 C - U 1989 -1989 F - G 1680 -1689 S - T 1634 -1643 G - H 780 -789 S - B 734 -743 H - I 1011 -1020 T - C 2534 -2543 I - J 1911 -1920 U - V 1089 -1088 K - O 3422 -3422	



APPROVED FOR CONSTRUCTION  
DATE \_\_\_\_\_ BY \_\_\_\_\_

10/20/2020

**\*\*WARNING\*\*** READ AND FOLLOW ALL NOTES ON THIS DRAWING!  
**\*\*IMPORTANT\*\*** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS  
 Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. Refer to job's General Notes page for additional information.  
 Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.  
 For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcindustry.com; ICC: iccsafe.org; AWC: awc.org



DRAWN BY: ZIESE  
 DATE DRAWN: 6/9/2021  
 PLAN REVISIONS:

NUMBER	DATE	BY
1		
2		
3		
4		

**ABBREVIATIONS:**  
 NBC = NOT BY CLEARY  
 BCS = BY CLEARY SUB

PROJECT NAME: DC ARTS CENTER LLC. - STUART CHAMPEAU  
 PROJECT SITE ADDRESS: 917 NORTH 14TH AVENUE STURGEON BAY, WI - DOOR COUNTY  
 BUILDING SIZE: 40'-0" x 80'-0" x 20'-8" WITH LEAN AND PORCH  
 SHEET NAME: SHEAR TRUSS BRACING DETAILS "A"

PROJECT NUMBER: 2020104484  
 SHEET NUMBER: 150  
 SHEET SCALE: NTS

NOTE: SHEET SCALE DESIGNED FOR 24"x36" PAPER

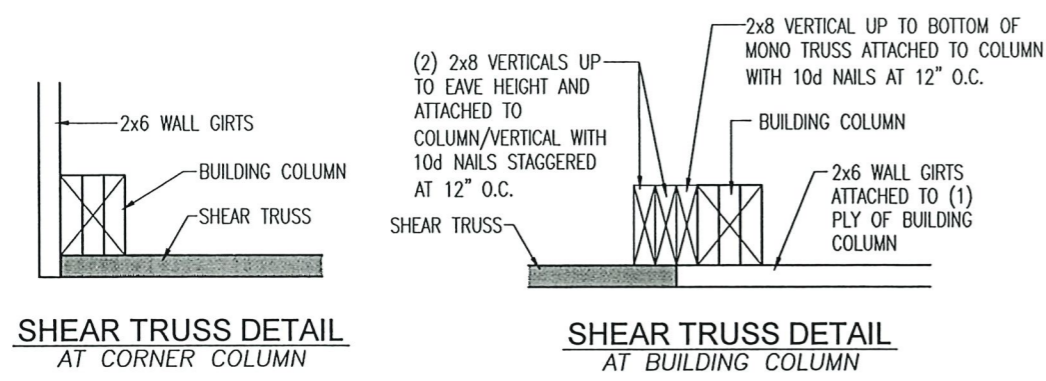
DRAWN BY: ZIESE  
DATE DRAWN: 6/9/2021  
PLAN REVISIONS:  
NUMBER DATE BY  
1  
2  
3  
4

ABBREVIATIONS:  
NBC = NOT BY CLEARY  
BCS = BY CLEARY SUB

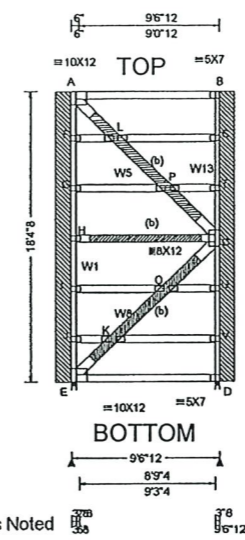
PROJECT NAME:  
DC ARTS CENTER LLC. - STUART CHAMPEAU  
PROJECT SITE ADDRESS:  
917 NORTH 14TH AVENUE  
STURGEON BAY, WI - DOOR COUNTY  
BUILDING SIZE:  
40'-0" x 80'-0" x 20'-8" WITH LEAN AND PORCH  
SHEET NAME:  
SHEAR TRUSS BRACING DETAILS "B"

PROJECT NUMBER:  
2020104484  
SHEET NUMBER:  
151  
SHEET SCALE: NTS

NOTE:  
SHEET SCALE DESIGNED  
FOR 24"x36" PAPER



**FOREMAN NOTE:**  
TO ENSURE PROPER INSTALLATION OF SHEAR TRUSS, PLEASE NOTE TOP AND BOTTOM NOTED ON DIAGRAM AND VERIFY ENDWALL GIRT SPACING PRIOR TO INSTALLATION

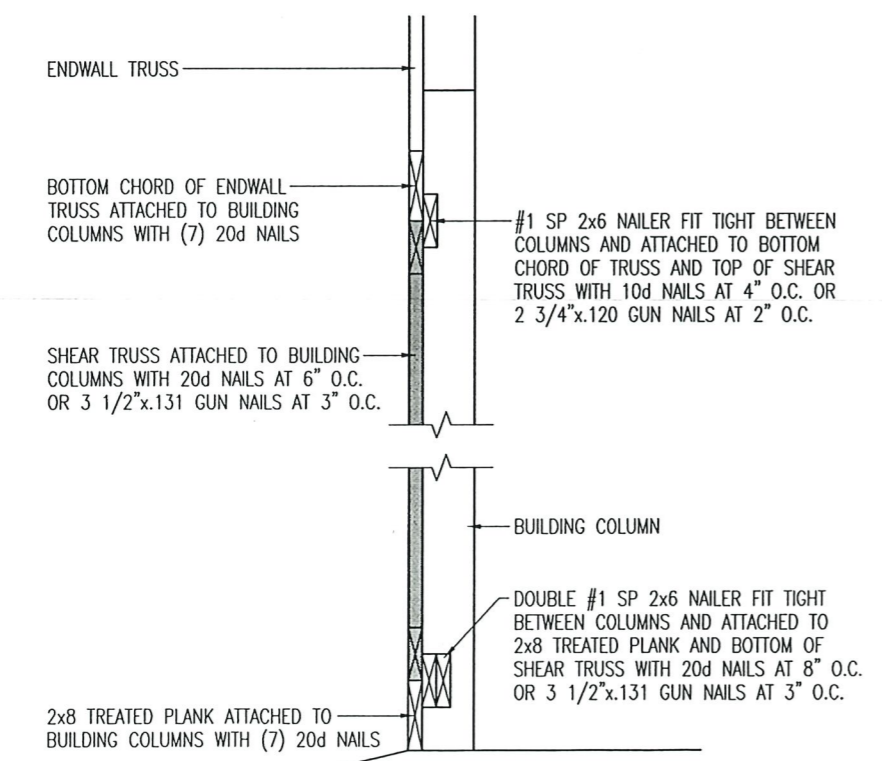


<b>Loading Criteria (psf)</b> TCLL: 1.00 TCCL: 1.00 BCCL: 0.00 BCDL: 1.00 Des Ld: 3.00 NCBCLL: 20.00 Soffit: 2.00 Load Duration: 1.60 Spacing: 12.0"	<b>Snow Criteria (Pg, Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: IBC 2018 TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT/PT: 20(20)/10(10)/4(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.006 B 999 240 VERT(CL): 0.006 B 999 180 HORZ(LL): -0.100 B - - HORZ(TL): 0.100 B - - Creep Factor: 2.0 Max TC CSI: 0.042 Max BC CSI: 0.987 Max Web CSI: 1.000 VIEW Ver: 18.02.01A.0205.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL E 99 /- /21 /283 /266 /1264 D 99 /- /21 /349 /331 /1264 Wind reactions based on MWFRS E Brg Width = 3.5 Min Req = 3.5 D Brg Width = 3.5 Min Req = 3.5 Bearings E & D are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp.
			<b>▲ Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. E - D 1275 - 1275 <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. A - F 2388 - 2397 L - P 3470 - 3470 A - L 3454 - 3454 O - C 3478 - 3478 E - J 2626 - 2635 P - C 3482 - 3482 E - K 3451 - 3451 C - U 2160 - 2169 F - G 1678 - 1687 S - T 1638 - 1647 G - H 776 - 785 S - B 736 - 745 H - I 1020 - 1029 T - C 2540 - 2549 I - J 1922 - 1931 U - V 1258 - 1267 K - O 3465 - 3465

**Lumber**  
Top chord: 2x6 SP 2400F-2.0E;  
Bot chord: 2x6 SP 2400F-2.0E;  
Webs: 2x6 SP 2400F-2.0E; W1, W13 2x4 SP #2; W5, W8 2x8 SP 2400F-2.0E;

**Bracing**  
(b) #3 or better scab reinforcement. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3", min.) nails @ 6" oc.  
See Cleary Building Corp. drawing for bearing attachment and bottom chord bracing details. This design applies to both open wall and enclosed wall buildings.

**Loading**  
Truss transfers a maximum horizontal load of 2550 # ( 283.99 plf ) along top chord, from either direction, to supports where indicated. Diaphragm and connections are to be designed by Engineer of Record.  
Drag Loads: Force(#) (PLF) Mbr Start End  
Case 1: 2550 283.99 TC 0.29 9.27  
2550 283.99 BC 0.29 9.27



APPROVED FOR CONSTRUCTION  
DATE \_\_\_\_\_ BY \_\_\_\_\_

**\*\*WARNING\*\*** READ AND FOLLOW ALL NOTES ON THIS DRAWING!  
**\*\*IMPORTANT\*\*** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS  
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBICA: sbicaindustry.com; ICC: iccsafe.org; AWC: awc.org



NUMBER	DATE	BY
1		
2		
3		
4		

**ABBREVIATIONS:**  
NBC = NOT BY CLEARY  
BCS = BY CLEARY SUB

PROJECT NAME:  
**DC ARTS CENTER LLC. - STUART CHAMPEAU**

PROJECT SITE ADDRESS:  
917 NORTH 14TH AVENUE  
STURGEON BAY, WI - DOOR COUNTY

BUILDING SIZE:  
40'-0" x 80'-0" x 20'-8" WITH LEAN AND PORCH

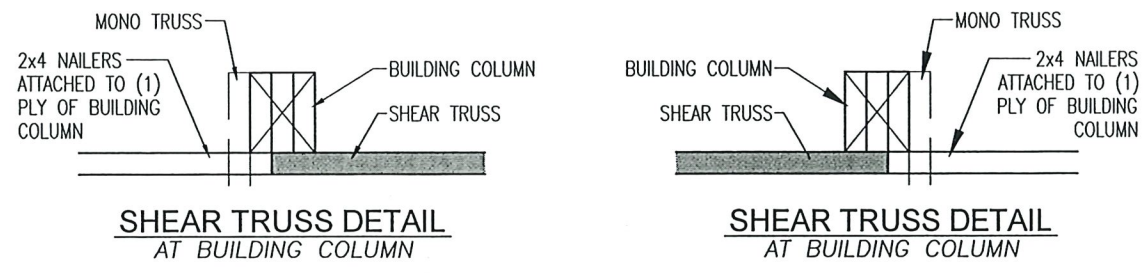
SHEET NAME:  
SHEAR TRUSS BRACING DETAILS "C"

PROJECT NUMBER:  
**2020104484**

SHEET NUMBER:  
**152**

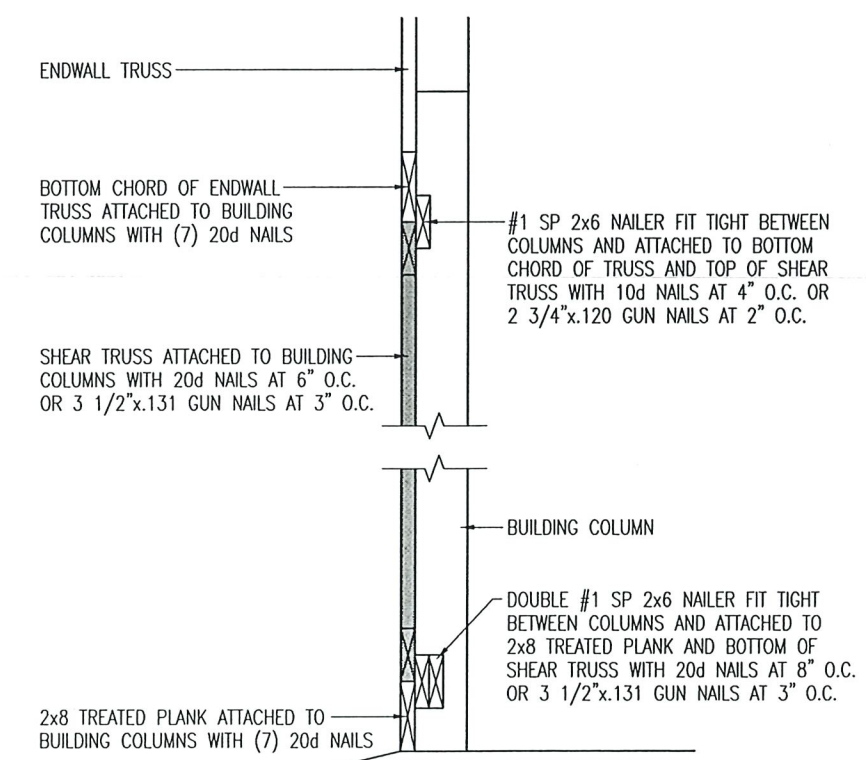
SHEET SCALE: NTS

**NOTE:**  
SHEET SCALE DESIGNED  
FOR 24"x36" PAPER



**SHEAR TRUSS DETAIL**  
AT BUILDING COLUMN

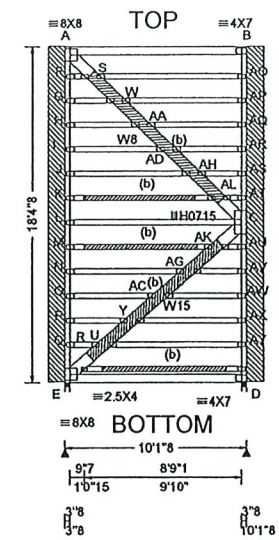
**SHEAR TRUSS DETAIL**  
AT BUILDING COLUMN



**ENDWALL SHEAR TRUSS SECTION**

SEQN: 489573 FROM: MJS FLAT Ply: 1 Qty: 1 Job Number: 2020104484 Truss Label: SC10-1-8X18-4-8SHEAR2550 Cust: R 7054 JRef:1WYS70540003 T2899 DrwNo: 262.20.0943.33180 / FK 09/18/2020

**FOREMAN NOTE:**  
TO ENSURE PROPER  
INSTALLATION OF SHEAR  
TRUSS, PLEASE NOTE TOP  
AND BOTTOM NOTED ON  
DIAGRAM AND VERIFY  
ENDWALL GIRT SPACING  
PRIOR TO INSTALLATION



**Loading Criteria (psf)**

TCLL: 1.00  
TCDL: 1.00  
BCLL: 0.00  
BCDL: 1.00  
Des Ld: 3.00  
NCBCLL: 20.00  
Soffit: 2.00  
Load Duration: 1.60  
Spacing: 12.0"

**Snow Criteria (Pg,Pl in PSF)**

Pg: NA Ct: NA CAT: NA  
Pf: NA Ce: NA  
Lu: NA Cs: NA  
Snow Duration: NA

**Building Code:**  
IBC 2015  
TPI Std: 2014  
Rep Fac: Varies by Ld Case  
FT/RT/PT:20(20)/10(10)/4(0)  
Plate Type(s):  
WAVE, HS

**Defl/CSI Criteria**

PP Deflection in loc L/defl L/#  
VERT(LL): 0.008 B 999 240  
VERT(CL): 0.008 B 999 180  
HORZ(LL): -0.099 B - -  
HORZ(TL): 0.099 B - -

Creep Factor: 2.0  
Max TC CSI: 0.044  
Max BC CSI: 0.990  
Max Web CSI: 1.000

VIEW Ver: 18.02.01A.0205.19

**▲ Maximum Reactions (lbs)**

Loc	Gravity			Non-Gravity		
	R+	/R-	/Rh	/Rw	/U	/RL
E	105	-	/63	/252	/233	/1207
D	105	-	/63	/313	/294	/1206

Wind reactions based on MWFRS  
E Brg Width = 3.5 Min Req = 3.5  
D Brg Width = 3.5 Min Req = 3.5  
Bearings E & D are a rigid surface.  
Members not listed have forces less than 375#  
**Maximum Top Chord Forces Per Ply (lbs)**  
Chords Tens.Comp.  
A - B 2504 - 2509

**Lumber**  
Top chord: 2x6 SP 2400f-2.0E;  
Bot chord: 2x6 SP 2400f-2.0E;  
Webs: 2x4 SP #2; W8,W15 2x8 SP 2400f-2.0E;

**Bracing**  
(b) #3 or better scab reinforcement. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" oc.

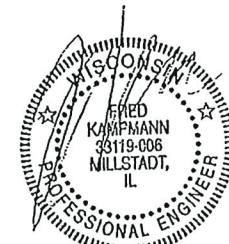
**Plating Notes**  
All plates are 3X5 except as noted.  
See Cleary Building Corp. drawing for bearing attachment and bottom chord bracing details. This designs applies to both open wall and enclosed wall buildings.

**Loading**  
Truss transfers a maximum horizontal load of 2550 # ( 267.25 plf ) along top chord, from either direction, to supports where indicated. Diaphragm and connections are to be designed by Engineer of Record.  
Drag Loads: Force(#) (PLF) Mbr Start End  
Case 1: 2550 267.25 TC 0.29 9.83  
2550 267.25 BC 0.29 9.83

**Maximum Bot Chord Forces Per Ply (lbs)**  
Chords Tens.Comp.  
E - D 1275 - 1275

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.		Webs	Tens. Comp.	
A - F	2340	-2349	AA-AD	3436	-3436
A - S	3404	-3405	AC-AG	3318	-3318
E - Q	2378	-2387	AD-AH	3436	-3436
E - R	3260	-3262	AG-AK	3318	-3318
F - G	2022	-2032	AH-AL	3435	-3436
G - H	1666	-1676	AK-C	3346	-3347
H - I	1310	-1319	AL-C	3477	-3477
I - J	953	-963	C-AU	1957	-1966
J - K	597	-607	AO-AP	697	-706
L - M	462	-472	AP-AQ	1053	-1063
M - N	819	-828	AQ-AR	1409	-1419
N - O	1175	-1185	AR-AS	1766	-1775
O - P	1531	-1541	AS-AT	2122	-2132
P - Q	1888	-1897	AT-C	2478	-2488
R - U	3323	-3322	AU-AV	1600	-1610
S - W	3443	-3443	AV-AW	1244	-1253
U - Y	3317	-3317	AW-AX	888	-897
W - AA	3437	-3437	AX-AY	531	-541
Y - AC	3318	-3318			



WI COA #2902-011

**APPROVED FOR CONSTRUCTION**  
DATE 09/18/2020 BY

**\*\*WARNING\*\*** READ AND FOLLOW ALL NOTES ON THIS DRAWING!  
**\*\*IMPORTANT\*\*** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS  
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcaindstry.com; ICC: iccsafe.org; AWC: awc.org





190 PAOLI STREET / P.O. BOX 930220  
VERONA, WI 53593 / (800) 373-5550

DRAWN BY: ZIESE  
DATE DRAWN: 6/9/2021

PLAN REVISIONS:		
NUMBER	DATE	BY
1		
2		
3		
4		

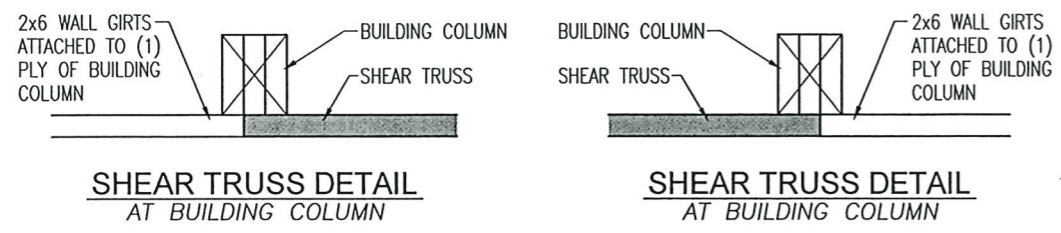
**ABBREVIATIONS:**  
NBC = NOT BY CLEARY  
BCS = BY CLEARY SUB

**PROJECT NAME:** DC ARTS CENTER LLC - STUART CHAMPEAU  
**PROJECT SITE ADDRESS:** 917 NORTH 14TH AVENUE  
STURGEON BAY, WI - DOOR COUNTY  
**BUILDING SIZE:** 40'-0" x 80'-0" x 20'-8" WITH LEAN AND PORCH  
**SHEET NAME:** SHEAR TRUSS BRACING DETAILS "D"

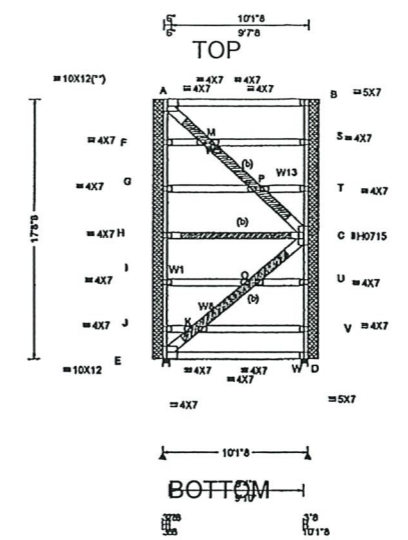
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**SHEET NUMBER:** 153  
**SHEET SCALE:** NTS

**NOTE:**  
SHEET SCALE DESIGNED FOR 24"x36" PAPER

SEQN: 23384 FROM: ZEW	FLAT Qty: 1	Ply: 1 Qty: 1	Job Number: 2020104484 Truss Label: SD10-1-8X17-8-SHEAR2650	Cust: R 7054 JRef:1WZO70540008 T2902 DrwNo: 294.20.1303.36857 DEH / AHF 10/20/2020
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**FOREMAN NOTE:**  
TO ENSURE PROPER INSTALLATION OF SHEAR TRUSS, PLEASE NOTE TOP AND BOTTOM NOTED ON DIAGRAM AND VERIFY ENDWALL GIRT SPACING PRIOR TO INSTALLATION



<b>Loading Criteria (psf)</b> TCLL: 1.00 TCDL: 1.00 BCLL: 0.00 BCDL: 1.00 Des Ld: 3.00 NCBCLL: 20.00 Soffit: 2.00 Load Duration: 1.60 Spacing: 12.0"	<b>Wind Criteria</b> Wind Std: Speed: Enclosure: Risk Category: EXP: Kzt Mean Height: TCDL: BCDL: MWFRS Parallel Dist: C&C Dist a: Loc. from endwall: GCpi: Wind Duration:	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: IBC 2015 TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT/PT:20(20)/10(10)/4(0) Plate Type(s): WAVE, HS	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.007 B 999 240 VERT(CL): 0.007 B 999 180 HORZ(LL): -0.095 B - - HORZ(TL): 0.095 B - -  Creep Factor: 2.0 Max TC CSI: 0.047 Max BC CSI: 0.989 Max Web CSI: 1.000  VIEW Ver: 18.02.01A.0205.19	<b>Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL E 105 /- /33 /251 /232 /1313 W 105 /- /33 /314 /295 /1312  Wind reactions based on MWFRS E Brg Width = 5.5 Min Req = 5.5 W Brg Width = 5.5 Min Req = 5.5 Bearings E & W are a rigid surface. Members not listed have forces less than 375# <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. A - B 2628 - 2631
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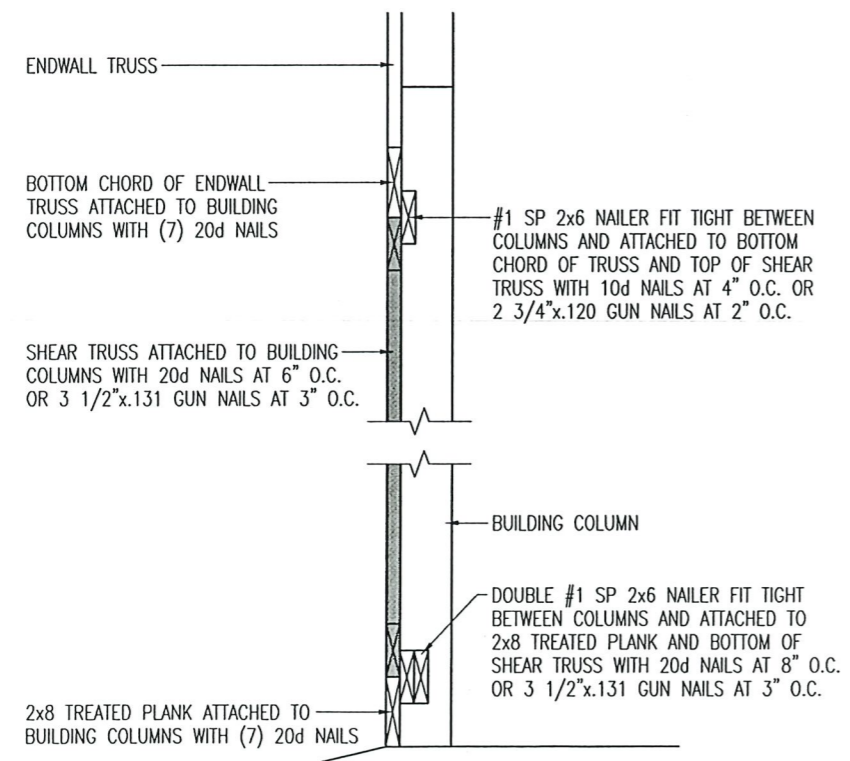
**Lumber**  
Top chord: 2x6 SP 2400f-2.0E;  
Bot chord: 2x6 SP 2400f-2.0E;  
Webs: 2x6 SP 2400f-2.0E; W1,W13 2x4 SP #2; W5, W8 2x8 SP 2400f-2.0E;

**Bracing**  
(b) #3 or better scab reinforcement. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" oc.  
  
In lieu of rigid sheathing use purlins to brace TC @ 24" oc  
  
See Cleary Building Corp. drawings for bearing attachment and bottom chord bracing details. This design applies to both open wall and enclosed wall buildings.

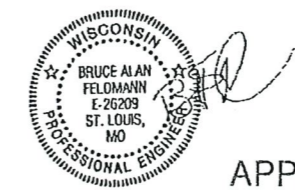
**Loading**  
Truss transfers a maximum horizontal load of 2650 # ( 277.73 plf ) along top chord, from either direction, to supports where indicated. Diaphragm and connections are to be designed by Engineer of Record.  
Drag Loads: Force(#) (PLF) Mbr Start End  
Case 1: 2650 277.73 TC 0.29 9.83  
2650 277.73 BC 0.29 9.83  
  
Bottom chord checked for 20.00 psf non-concurrent bottom chord live load applied per IBC-15 section 1607.

**Maximum Bot Chord Forces Per Ply (lbs)**  
Chords Tens.Comp.  
E - D 1325 - 1325

**Maximum Web Forces Per Ply (lbs)**  
Webs Tens.Comp. Webs Tens. Comp.  
A - F 2344 - 2353 M - P 3515 - 3515  
A - M 3499 - 3499 O - C 3410 - 3410  
E - J 2374 - 2383 P - C 3529 - 3529  
E - K 3380 - 3380 C - U 1955 - 1964  
F - G 1649 - 1659 S - T 1601 - 1611  
G - H 767 - 777 S - B 719 - 729  
H - I 988 - 998 T - C 2484 - 2493  
I - J 1871 - 1880 U - V 1072 - 1082  
K - O 3397 - 3397



**ENDWALL SHEAR TRUSS SECTION**



APPROVED FOR CONSTRUCTION  
DATE 10/20/2020 BY

**\*\*WARNING\*\*** READ AND FOLLOW ALL NOTES ON THIS DRAWING!  
**\*\*IMPORTANT\*\*** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS  
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCE) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General Notes page for additional information.  
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.  
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCE: sbceindustry.com; ICC: iccsafe.org; AWC: awc.org





DRAWN BY: ZIESE  
DATE DRAWN: 6/9/2021

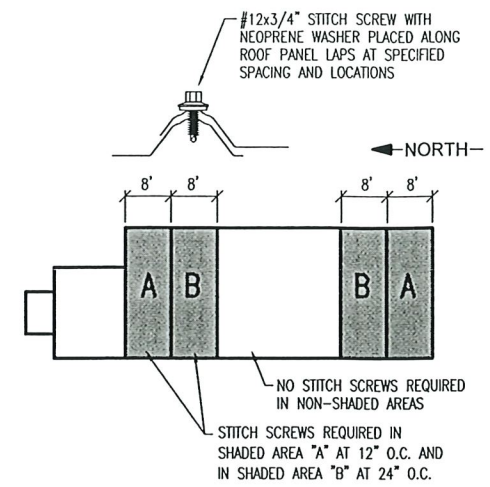
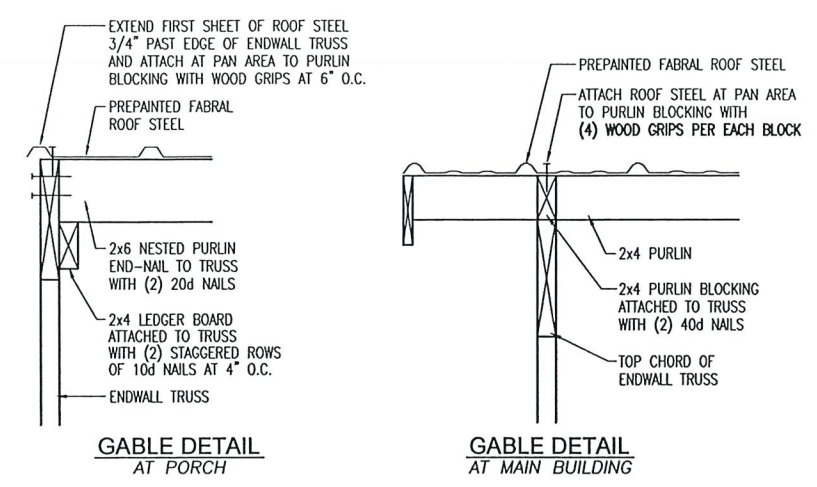
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**ABBREVIATIONS:**  
NBC = NOT BY CLEARY  
BCS = BY CLEARY SUB

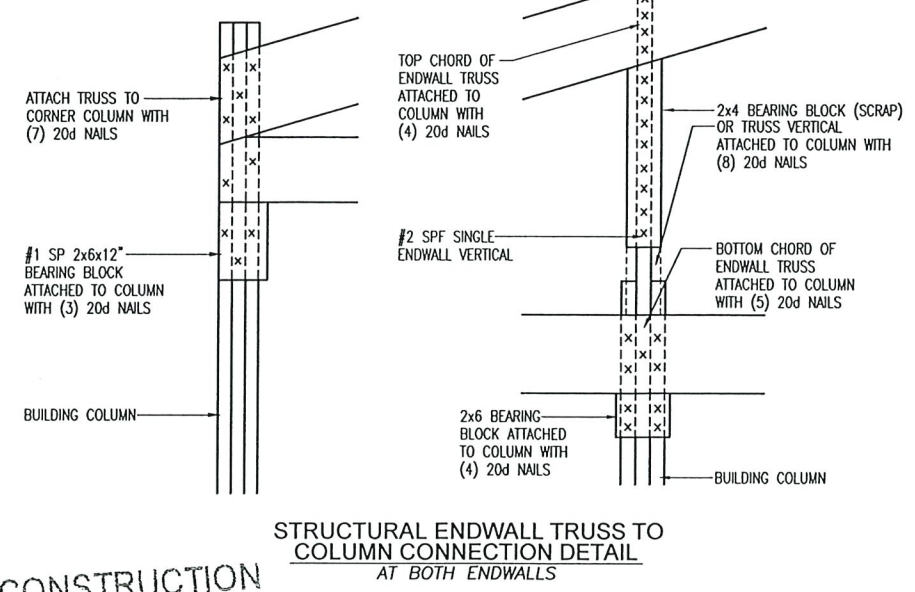
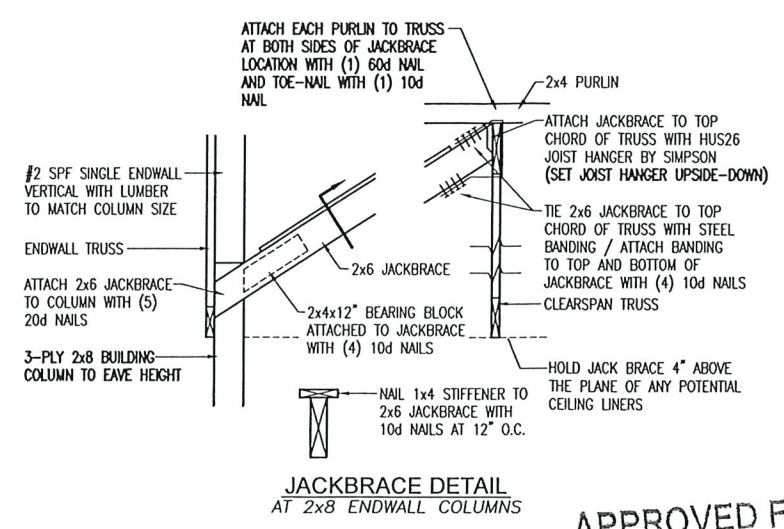
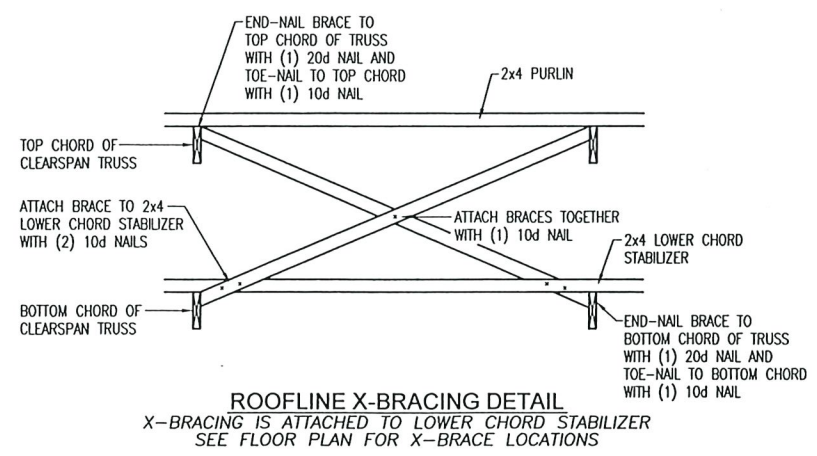
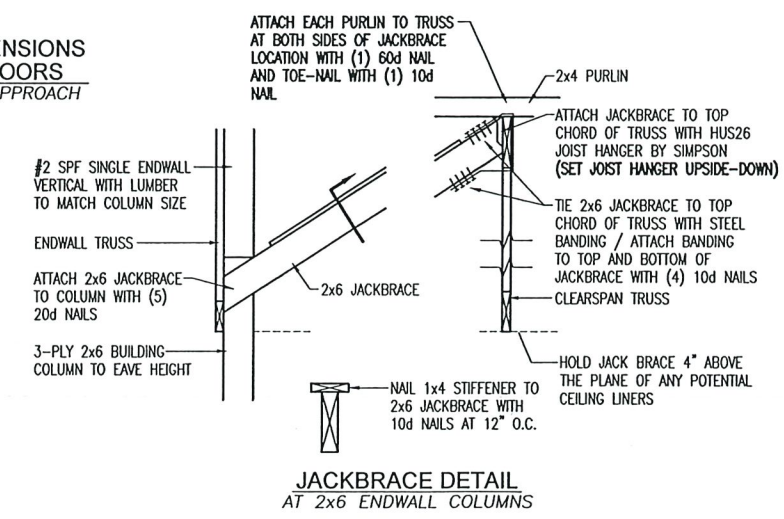
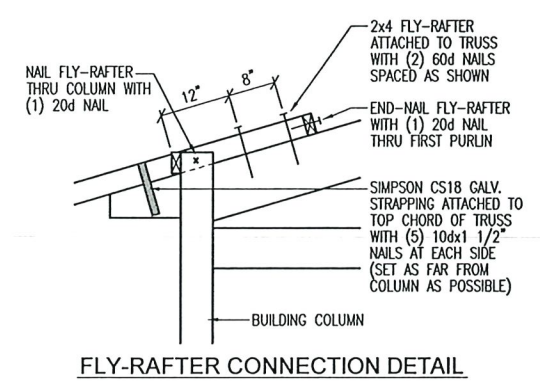
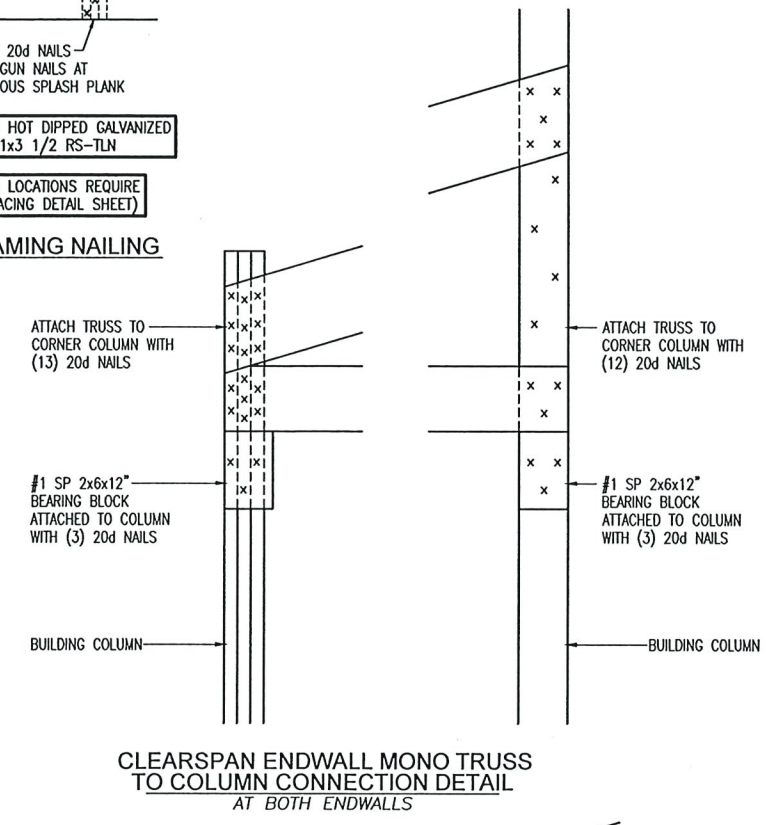
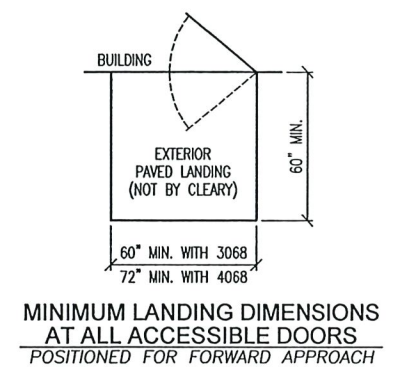
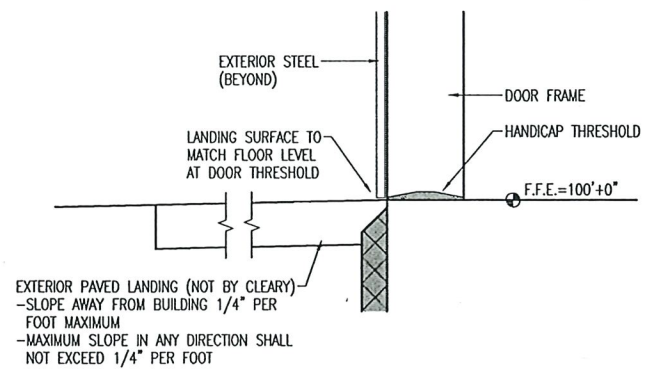
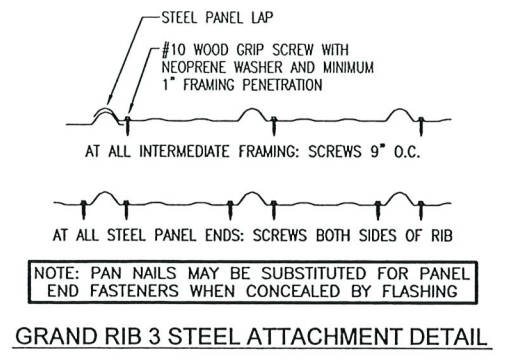
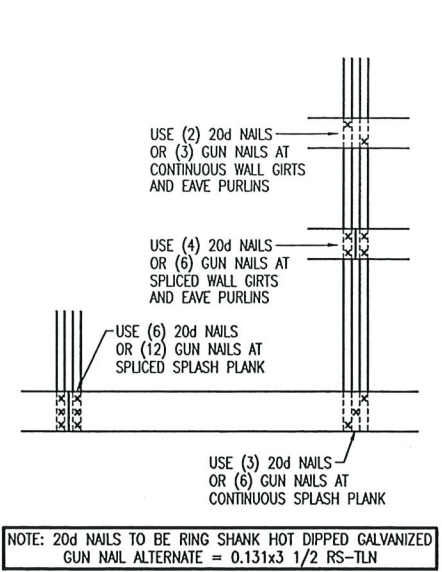
PROJECT NAME: DC ARTS CENTER LLC. - STUART CHAMPEAU  
PROJECT SITE ADDRESS: 917 NORTH 14TH AVENUE  
STURGEON BAY, WI - DOOR COUNTY  
BUILDING SIZE: 40'-0" x 80'-0" x 20'-8" WITH LEAN AND PORCH  
SHEET NAME: DIAPHRAGM ACTION and MISC. DETAILS

PROJECT NUMBER: 2020104484  
SHEET NUMBER: 160  
SHEET SCALE: NTS

NOTE: SHEET SCALE DESIGNED FOR 24"x36" PAPER

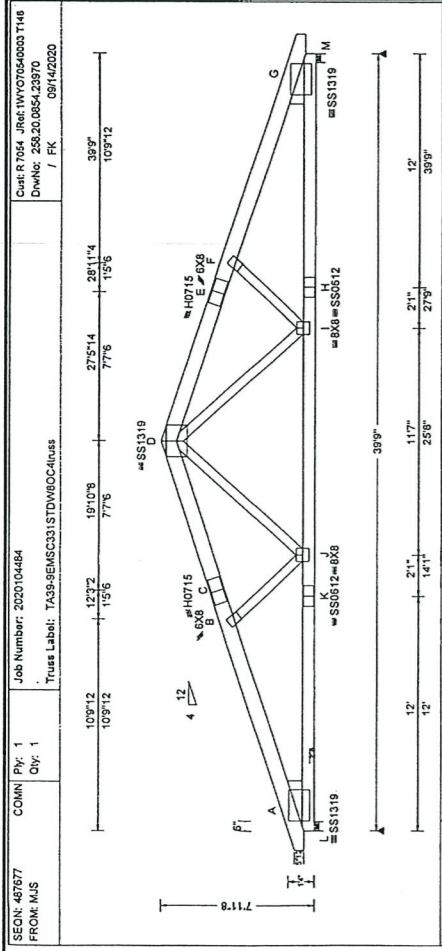


**CONSTRUCTION FORMAN NOTE:**  
STITCH SCREW TO NEXT STEEL LAP BEYOND REQUIRED DISTANCE FROM ENDWALL OF BUILDING



APPROVED FOR CONSTRUCTION  
DATE \_\_\_\_\_ BY \_\_\_\_\_

NOTE: SEE SHEET 142 FOR STRUCTURAL ENDWALL TRUSS FASTENING AT 1 HR FIRE BARRIER



SECN: 467677 FROM: MJS Job Number: 2020104484 Truss Label: T338-SEMSC331STDWBOC-Irus

Wind Criteria: ASCE 7-10, 115 mph, Exposure: C, Mean Height: 24.00 ft, etc.

Maximum Reactions (lbs): L-1: 7523, L-2: 7327, L-3: 7185, L-4: 7063

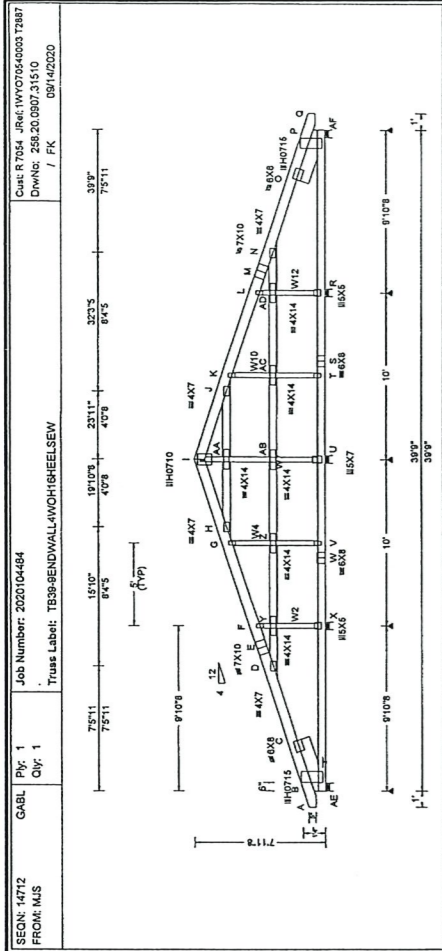
Maximum Web Forces Per Ply (lbs): B-D: 4793, B-E: 4791, B-F: 4791, B-G: 4791

**IMPORTANT! - READ AND FOLLOW ALL NOTES ON THIS DRAWING INCLUDING THE INSTALLER'S COMMENTS.** Trusses require extreme care in (unloading, shipping, handling, and bracing). Refer to and follow the latest edition of BCSI (Building Construction Safety Institute) Truss Manual. Trusses are to be installed on a level surface and shall be properly braced during erection. Trusses shall be installed in accordance with the manufacturer's instructions and the BCSI Truss Manual. Trusses shall be installed in accordance with the manufacturer's instructions and the BCSI Truss Manual. Trusses shall be installed in accordance with the manufacturer's instructions and the BCSI Truss Manual.



ALPINE BUILDING CORP. 514 Earth City Expressway Earth City, Missouri 63045

WI COA #2392-011



SECN: 14712 FROM: MJS Job Number: 2020104484 Truss Label: T338-SEMDWALLWOHSHHEELSEW

Wind Criteria: ASCE 7-10, 115 mph, Exposure: C, Mean Height: 24.00 ft, etc.

Maximum Reactions (lbs): L-1: 7523, L-2: 7327, L-3: 7185, L-4: 7063

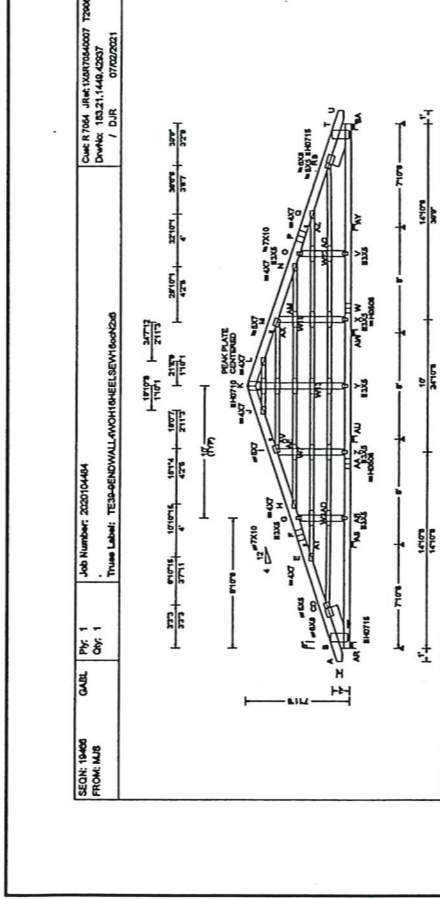
Maximum Web Forces Per Ply (lbs): B-D: 4793, B-E: 4791, B-F: 4791, B-G: 4791

**IMPORTANT! - READ AND FOLLOW ALL NOTES ON THIS DRAWING INCLUDING THE INSTALLER'S COMMENTS.** Trusses require extreme care in (unloading, shipping, handling, and bracing). Refer to and follow the latest edition of BCSI (Building Construction Safety Institute) Truss Manual. Trusses are to be installed on a level surface and shall be properly braced during erection. Trusses shall be installed in accordance with the manufacturer's instructions and the BCSI Truss Manual. Trusses shall be installed in accordance with the manufacturer's instructions and the BCSI Truss Manual.



ALPINE BUILDING CORP. 514 Earth City Expressway Earth City, Missouri 63045

WI COA #2392-011



SECN: 16048 FROM: MJS Job Number: 2020104484 Truss Label: T338-SEMDWALLWOHSHHEELSEW

Wind Criteria: ASCE 7-10, 115 mph, Exposure: C, Mean Height: 24.00 ft, etc.

Maximum Reactions (lbs): L-1: 7523, L-2: 7327, L-3: 7185, L-4: 7063

Maximum Web Forces Per Ply (lbs): B-D: 4793, B-E: 4791, B-F: 4791, B-G: 4791

**IMPORTANT! - READ AND FOLLOW ALL NOTES ON THIS DRAWING INCLUDING THE INSTALLER'S COMMENTS.** Trusses require extreme care in (unloading, shipping, handling, and bracing). Refer to and follow the latest edition of BCSI (Building Construction Safety Institute) Truss Manual. Trusses are to be installed on a level surface and shall be properly braced during erection. Trusses shall be installed in accordance with the manufacturer's instructions and the BCSI Truss Manual. Trusses shall be installed in accordance with the manufacturer's instructions and the BCSI Truss Manual.



ALPINE BUILDING CORP. 514 Earth City Expressway Earth City, Missouri 63045

WI COA #2392-011

APPROVED FOR CONSTRUCTION DATE \_\_\_\_\_ BY \_\_\_\_\_

NOTE: SHEET SCALE DESIGNED FOR 24"x36" PAPER

**CLEARY BUILDING CORP.**  
190 PAOLI STREET / P.O. BOX 930220  
VERONA, WI 53593 / (800) 373-5550

DRAWN BY: ZIESE  
DATE DRAWN: 6/9/2021  
PLAN REVISIONS:

NUMBER	DATE	BY
1		
2		
3		
4		

PROJECT NAME: DC ARTS CENTER LLC - STUART CHAMPEAU  
PROJECT SITE ADDRESS: 917 NORTH 14TH AVENUE STURGEON BAY, WI - DOOR COUNTY  
BUILDING SIZE: 40'-0" x 80'-0" x 20'-8" WITH LEAN AND PORCH  
SHEET NAME: TRUSS DIAGRAMS

PROJECT NUMBER: 2020104484  
SHEET NUMBER: 170  
SHEET SCALE: NTS