

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

Monday, February 21, 2022

6:00 p.m.

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

1. Roll call
2. Approval of agenda
3. Approval of minutes from December 13, 2021
4. Consideration of: Rogue Theater Building Design for DC Arts LLC located at 917 N 14th Avenue
5. 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

02/18/22
11:44 a.m.
CJ

AESTHETIC DESIGN AND SITE PLAN REVIEW BOARD
Monday, December 13, 2021

The Aesthetic Design and Site Plan Review Board meeting was called to order at 6:00 p.m. by Chairperson Rick Wiesner in the Council Chambers, City Hall, 421 Michigan Street.

Roll Call: Members Rick Wiesner, Jon Burk, Dave Augustson, Mark Struck, Cheryl Frank and Pam Jorns were present. Excused was Kelsey Fox. Also present were Planner/Zoning Administrator Christopher Sullivan-Robinson, Community Development Director Marty Olejniczak, and Police Assistant Candy Jeanquart.

Adoption of Agenda: Moved by Mr. Augustson, Seconded by Mr. Struck to adopt the following agenda.

1. Roll call.
2. Adoption of agenda.
3. Approval of minutes from November 8, 2021
4. Consideration of: Commercial Storage Facility for E & I Investment, LLC located at 1361 N 14th Avenue.
5. Consideration of: U-Haul Facility for 1833 Egg Harbor Road, LLC located at 1833 Egg Harbor Road
6. Adjourn.

All ayes. Carried.

Approval of minutes from November 8, 2021: Moved by Ms. Jorns, Seconded by Ms. Frank to approve all the minutes. **All in favor. Carried.**

Consideration of: Commercial Storage Facility for E & I Investment, LLC located at 1361 N 14th Avenue: Mr. Sullivan-Robinson indicated Dave Phillips is the contractor representing the project. The back half of the property is planned to be redeveloped into 15 new storage buildings to be leased. All existing building on the back end of the property will be removed. This property went through a rezoning process and comprehensive plan amendment so the back half could be used for commercial use. The buildings are 24 x 42 with overall height of 21 feet, standard square design, and pitched roof along with 14-foot overhead doors plus standard entry doors. There will be exterior lighting on each unit. Landscaping is shown at the beginning of each building and end of each drive isle. Storm water management at south and west end of the property.

Mr. Wiesner questioned how many properties similar to this development are in the city. Mr. Olejniczak indicated the last project was Apple Storage.

Mr. Dave Phillips indicated the storage units will be condo buildings sold to individuals under contract and restrictions for use and time. Baudhuin was hired for layout and storm water, which they have the ponds and how they will be installed. Mr. Phillips indicated at this time the back section is only being developed as the front is still zoned agricultural. In the future, the property owner hopes to develop apartments on the front half. Buildings are 24 x 42 with 14-foot doors, sidewall 16 foot and no windows. They will be working with Mark Bretl regarding electrical. Each unit would consist of sewer / water / gas. Each unit will have a 200-amp service. Buildings will be a two-toned with a wayne's coat all the way around the bottom. For landscaping, 6-8-foot cedar trees in the drive lanes to cut down the headlights coming in. Currently the west side of the property is well covered with trees, north and south side aren't occupied with residence. As for lighting, plan is to put two pole lights coming down the side driveways on the north and south. Lighting will illuminate down and forward. The front of the buildings will have wall mount lights which will be shining down in front of the building. May not do signage and only word of mouth the way sales interest are currently looking. Will look into signage in the future when developing the apartments.

Mr. Wiesner questioned if they will be allowing people to run a business out of the units. Mr. Phillips explained they are considered contractor storage to store materials to work on cars or used as a man/woman cave not utilized as a business however may store business material. Mr. Wiesner is concerned with the noise from working on cars on suggested more trees to buffer the sound for the

neighbors. Ms. Jorns asked if quiet hours will be enforced. Mr. Phillips stated the bylaws haven't been worked out yet. Ms. Jorns asked if they have talked with the neighbors and Mr. Phillips confirmed they came to meetings addressing any concerns.

Mr. Augustson stated he would like to see a tree line on the north property line. Mr. Phillips stated no one resides or exists there. Mr. Struck questioned for the storm water management there will be tree removal and Mr. Phillips confirmed. Mr. Struck requested landscaping to cover the metal building.

Mr. Phillips stated the lighting will be type 3, out and down. Mr. Struck stated the lighting indicated is reflecting out which Mr. Phillips stated only 20 feet. Mr. Struck stated the objective is to have the lighting just reflect down, which Mr. Phillips stated he is open to change and suggestions. Ms. Jorns asked if the lights can be motion activated. Mr. Wiesner asked if there needs to be lights on the buildings if there is pole lighting. Mr. Struck asked if the lighting on the building is for personal or security reason and Mr. Phillips stated for personal reason. Mr. Struck suggested personal lighting with a switch if not for security reasons.

Mr. Olejniczak indicated three issues were raised at previous meetings: 1) any outdoor storage activities which Council placed a condition on the rezoning to eliminate that and help with noise, 2) concern about drainage which was addressed, 3) softening the buildings from adjoining properties, looking at the southwest corner and north line, adding additional screening would be beneficial. Mr. Sullivan-Robinson added there is a noise ordinance with residential properties adjacent to this property.

Mr. Struck questioned if the roof is the same color as the stone, Mr. Phillips confirmed. Mr. Struck asked what color the garage doors are and Mr. Phillips stated they are dark medium bronze.

Ms. Jorns questioned landscaping on all lines. Mr. Struck stated the south side with the retention pond will need to be different. Mr. Wiesner stated from property 1348 to the Northern line should be trees to buffer. Mr. Phillips suggested placing two trees behind each building, Mr. Augustson stated three.

Mr. Struck made a motion to approve the plan with landscaping adding 15 trees on the north side and additional landscaping to be determined by the storm management pond, also down lighting or no lighting. Seconded by Ms. Jorns. All in favor. Carried.

Consideration of: U-Haul Facility for 1833 Egg Harbor Road, LLC located at 1833 Egg Harbor Road:

Mr. Jeremy Vandenheuvel, represents the company, stated the intentions are to clean up the facility. Mr. Vandenheuvel stated they do truck sharing, storage units and supplies. There will be a show room where individuals can drive into a load bay to access their storage unit. Mr. Struck questioned the red doors on the front and Mr. Vandenheuvel stated those are fake for design. Mr. Struck questioned if the existing metal overhang is going away or being painted, Mr. Vandenheuvel confirmed it will be painted. Mr. Vandenheuvel stated above the entrance will be an architectural wood design. Mr. Burk asked if trucks would be rented out of the facility and how much space will be utilized in the parking lot, Mr. Vandenheuvel stated it's a truck sharing program with 10-30 trucks which are neatly aligned.

Mr. Vandenheuvel stated the lighting will be very bright for security and comfort for individuals coming there. Mr. Struck asked if there was a lighting plan in place, Mr. Vandenheuvel stated currently it's just the existing lighting however may add LED wings off the light pole which would aim at the building. No lighting will be on the building at this time.

Mr. Sullivan Robinson stated for approval is for the building design and signage. There are four signs requiring a permit. The main U-Haul sign with that cabinet should be required to have an opaque background. Mr. Vandenheuvel stated there will be three entry way: glass slider for business hours, next to that is a man door for after hours, and then the black overhead door which is the hitch bay, also a R&D door for employees. Mr. Vandenheuvel stated there will be another man door next to Tractor Supply Company for an employee entrance in the morning and/or emergency exit, will be painted to match/blending into the building.

Mr. Burk made a motion to accept the facade as presented with a condition of a lighting plan to be submitted for review. Seconded by Ms. Jorns. All in favor. Carried.

Adjourn: Moved by Ms. Jorns, seconded by Mr. Burk to adjourn. All ayes. Carried. The meeting adjourned at 7:15 p.m.

Respectfully submitted,

Candy Jeanquart
Police Assistant

CITY OF STURGEON BAY

AESTHETIC DESIGN & SITE PLAN REVIEW BOARD

APPLICATION FOR **CERTIFICATE OF APPROPRIATENESS**

Name: DC Arts LLC

Owner of Premises: Lo La DeVillers / Stuart Champeau

Address or Legal Description of Premises:

917 N 4th Ave Sturgeon Bay WI 54235

Statement of Specific Item Requested for Approval:

To Approve new theater design

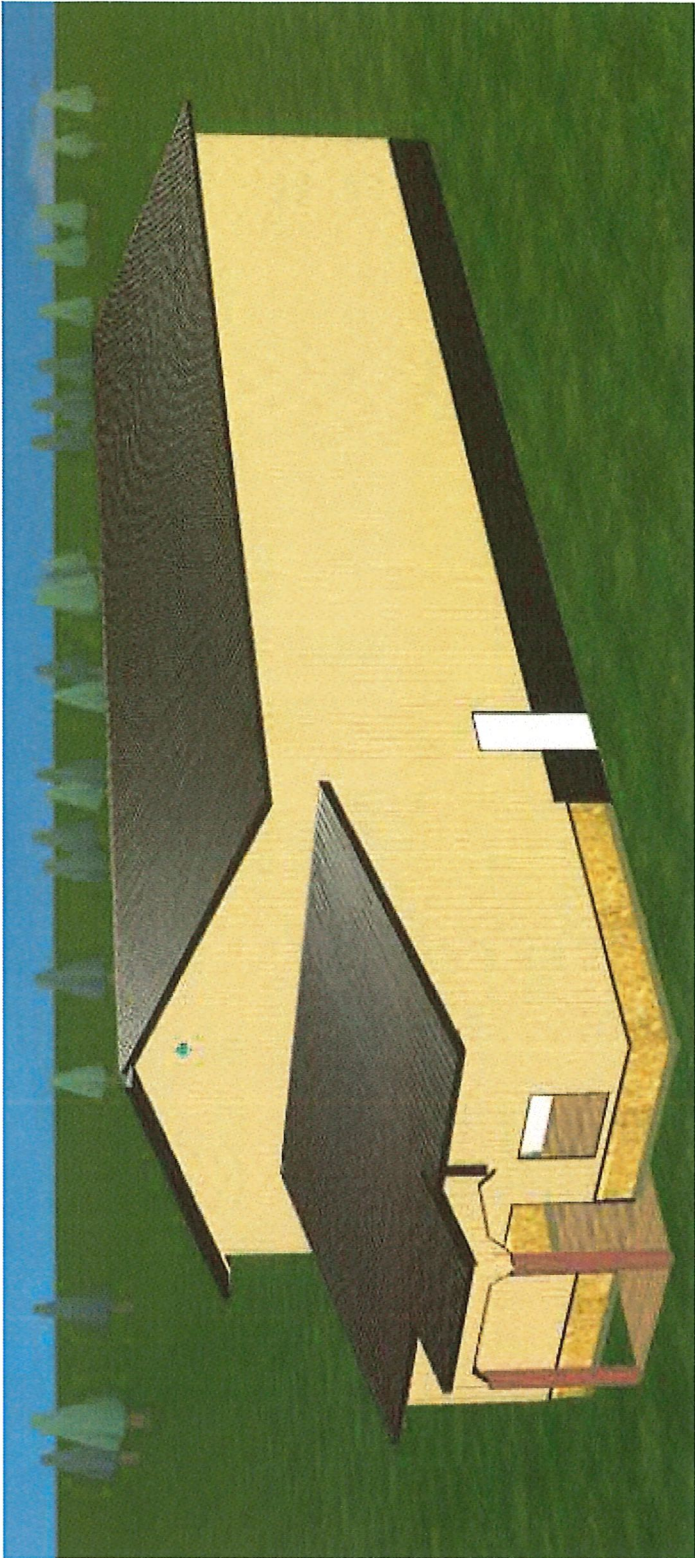
1-29-22
Date:

Stuart Champeau
Applicant

Date Received: _____

Staff Signature: _____

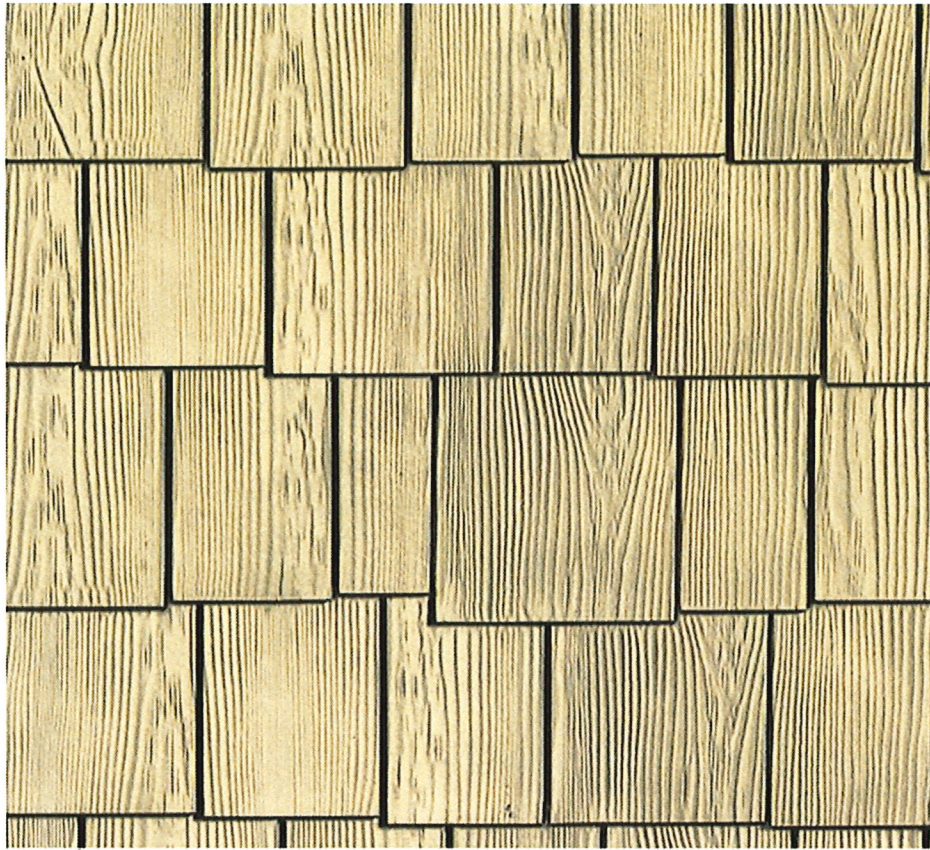
Date Approved/Denied: _____



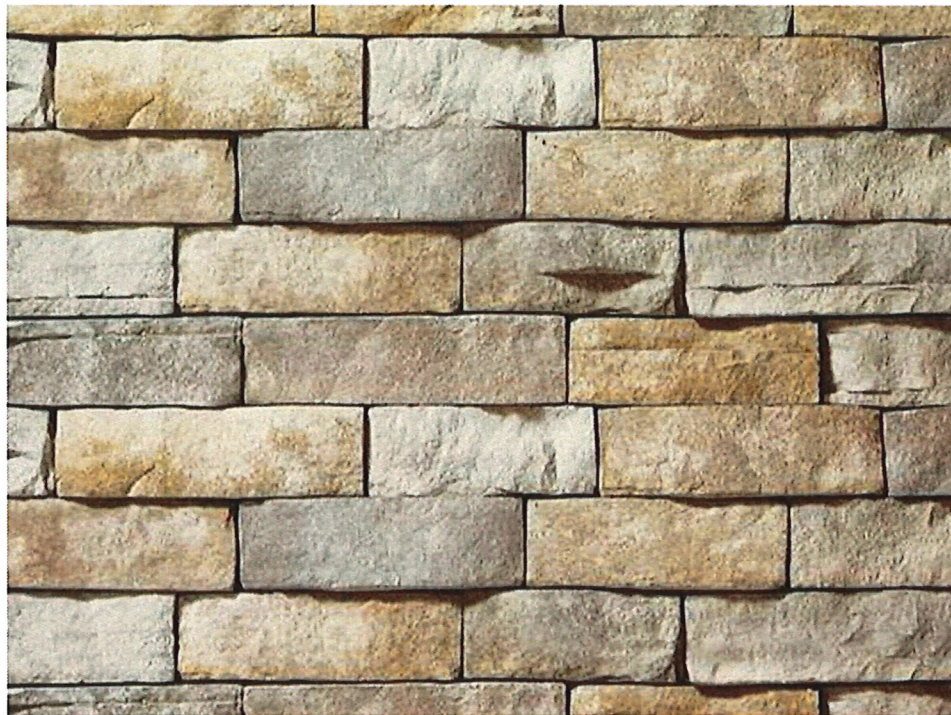


DC Arts Center LLC

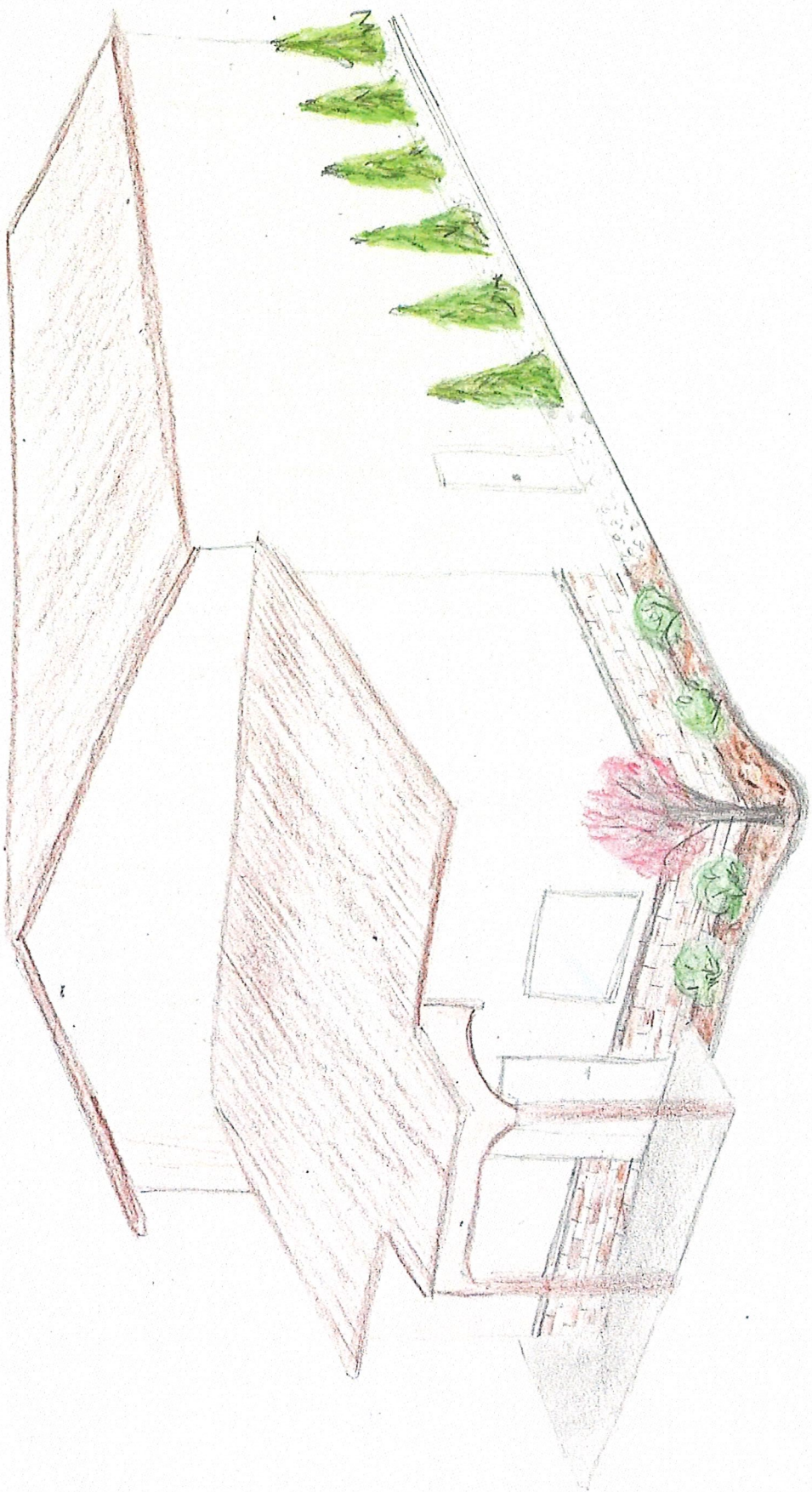
917 N. 14th Ave.



Cedar Shake Vinyl (Siding. Caramelized Pears



Stone Veneer Siding (Tan Ledge Stone)





P.O. BOX 830220
VERONA, WI 53593-0220
(800) 845-8700 / Fax (800) 845-7070
www.clearybuilding.com



9/22/20

To whom it may concern:

Thank you for purchasing your new building from Cleary Building Corp. Please review the contract documents, building plans, and the building design with your Cleary Building Sales Specialist. If the plans are satisfactory as drawn, please sign and date each page on one set of plans as "Approved for Construction" as well as this attached cover letter. Your Building Sales Specialist will return the signed plans to the Engineering Department at our corporate office in Verona, Wisconsin. Please keep the second set of plans for your personal records.

While reviewing the contract documents and plans with your Cleary Building Sales Specialist, please pay special attention to the following items:

- * Are all steel, trim, and soffit colors correct?
- * Are all door and window locations correct?
- * Are the number of doors and windows shown correct?
- * Are the sizes of the doors and windows correct?
- * Are the bottom elevations of all doors and windows correct?
- * Are truss clearances correct?
- * Please note that unless part of a sub-contract, all overhead doors are by others.

"PLEASE MAKE A NOTE ON THE PLANS OF ANY OTHER DESIGN REQUIREMENTS. IF THE NOTE(S) CHANGE ANYTHING IN THE CONTRACT THEN A CHANGE ORDER WILL BE REQUIRED."

(Please note the Owner-Sign-Off plans are not a part of the Cleary Building Corp. contract and any changes to the building as drawn will need to be submitted on a signed change order.)

Upon receipt of the signed "Approved for Construction" plans, we can continue the process for your new Cleary building. Please be aware we cannot proceed until we have your final approval on the building plans.

Thank you.

Sincerely,

Roy Burkard

Roy Burkard
AutoCAD Operator
rburkard@clearybuilding.com

cc:
Cleary Building Sales Specialist
Branch Manager
Region Manager
2020104484

| | |
|--|----------------|
| APPROVED FOR CONSTRUCTION | |
| Date: | <i>10.5.20</i> |
| <i>[Signature]</i> | |
| Note: Before signing, please answer all questions listed above. Thank you. | |

[Signature] 10.5.

File Name and Path: I:\Commercial\CAD FILES\2020\2020104484\2020104484-100-SITE-2.dwg
Printed By: Michael Waldera Date Printed: 7/16/2021 10:45 AM

GENERAL NOTES AND SPECIFICATIONS

- The materials and labor shown on these plans that are provided by Cleary Building Corp. are limited to those materials and labor as defined by the Cleary Building Corp. contract. Additional materials or accessories that are not being provided by Cleary Building Corp. may be shown on plans for context or building code compliance.
 - This building is designed in accordance with the following codes and specifications:
Wisconsin Commercial Building Code (WCBC)
National Design Specifications for Wood Construction
- Risk Category: II
Use Group(s) Classification: A-1
Building Use: Performance Arts Theater
Type of Construction: Type VB
Building Gross Square Footage: 3812 Sq. Ft.
Fire Area: 4078 Sq. Ft.
- Building Design Loads:
Snow Design Data:
Design Truss Load: 47.1 PSF
Ground Snow Load (P_g): 50 PSF
Flat Roof Snow Load (P_f): 38.5 PSF
Snow Exposure Factor (C_{se}): 1
Snow Load Importance Factor (I_s): 1.0
Thermal Factor (C_t): 1.1
Sloped Roof Snow Load (P_s): 33.1
Unbalanced Snow Load: 0 PSF Windward
Per SPS 362.1608 (1) 43.1 PSF Leeward
- Wind Design Data:
Design Wind Speed: 115 MPH
Wind Exposure: C
Wind Load Importance Factor (I_w): 1
- Earthquake Design Data:
Seismic Design Category: A
Spectral Response Coefficients (S_{DS}): 0.054g
(S_{D1}): 0.052g
- Site Class: D
Seismic Importance Factor (I_a): 1.0
Mapped Spectral Response Accelerations (S_M): 5%
(S_1): 3.2%g
Response Modification Factor (R): 6
- All lumber, unless noted otherwise, shall be S4S #2 SPF or better. All lumber embedded in the ground shall be treated with Chromated Copper Arsenate to a retention level of .60 lbs. per cubic foot.
 - Grading should be such that the surface water is drained away from the foundation. Minimum grade would be six inches of vertical drop per ten feet of horizontal away from the foundation (5%).
 - Fill used for concrete floor slab sub grade, if present, shall be reasonably graded granular material. Fill used in columns holes shall be the excavated soil unless noted otherwise. All fill shall be free from debris, stones over 4" and frozen material.
 - Electrical work is not a part of this drawing and shall be installed as per applicable codes.
 - Heating, ventilating, and air conditioning work is not a part of this drawing and shall be installed as per applicable codes.
 - Plumbing work is not a part of this drawing and shall be installed as per applicable codes.
 - All nails are to be threaded hardened steel unless otherwise noted.
 - This design is based on a building site with sand, silty sand, clayey sand, silty gravel, clayey gravel soil. As per the WCBC building code and IBC Table 1806.2, an assumed soil bearing design value of 2000 psf has been used in this design. If information is discovered before or during construction contrary to this, the building designer should be contacted.

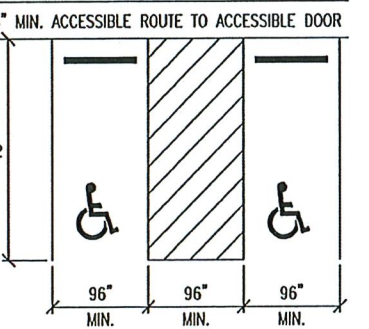
NOTE: PLEASE BE ADVISED THAT ARTIFICIAL LIGHTING IS NOT PART OF THIS DESIGN. IF ARTIFICIAL LIGHTING IS TO BE USED IN THIS BUILDING, STATE LAW REQUIRES IT TO BE DESIGNED BY A REGISTERED PROFESSIONAL TO COMPLY WITH SPS 363.0501 AND 363.0505. THE PLANS AND SPECIFICATIONS SHALL BE KEPT ON SITE FOR REVIEW BY THE BUILDING INSPECTOR.

NOTE: MINIMUM OF ONE 132" WIDE VAN ACCESSIBLE PARKING STALL AND ONE 60" WIDE PARKING ACCESS AISLE. IF MORE THAN 25 TOTAL PARKING SPACES, A MINIMUM OF ONE 96" VAN AND ONE 96" CAR ACCESSIBLE PARKING STALL SHARING ONE 96" ACCESS AISLE IS REQUIRED. HANDICAP PARKING SIGNS SHALL BE PLACED ON ADEQUATE SUPPORTS NOT LESS THAN 5' FROM PARKING SURFACE OR CURB AND SHALL INDICATE WHICH SPACE(S) ARE DESIGNATED. SIGN DESCRIPTION SHALL COMPLY WITH TRANSPORTATION RULE 200.07.

NOTE: NO FORM OF PUBLIC TRANSPORTATION STOPS ADJACENT TO PROPERTY

NOTE: A SEPARATE ROOM OR SPACE SHALL BE PROVIDED ON THE SITE FOR THE STORAGE OF RECYCLABLE MATERIALS

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

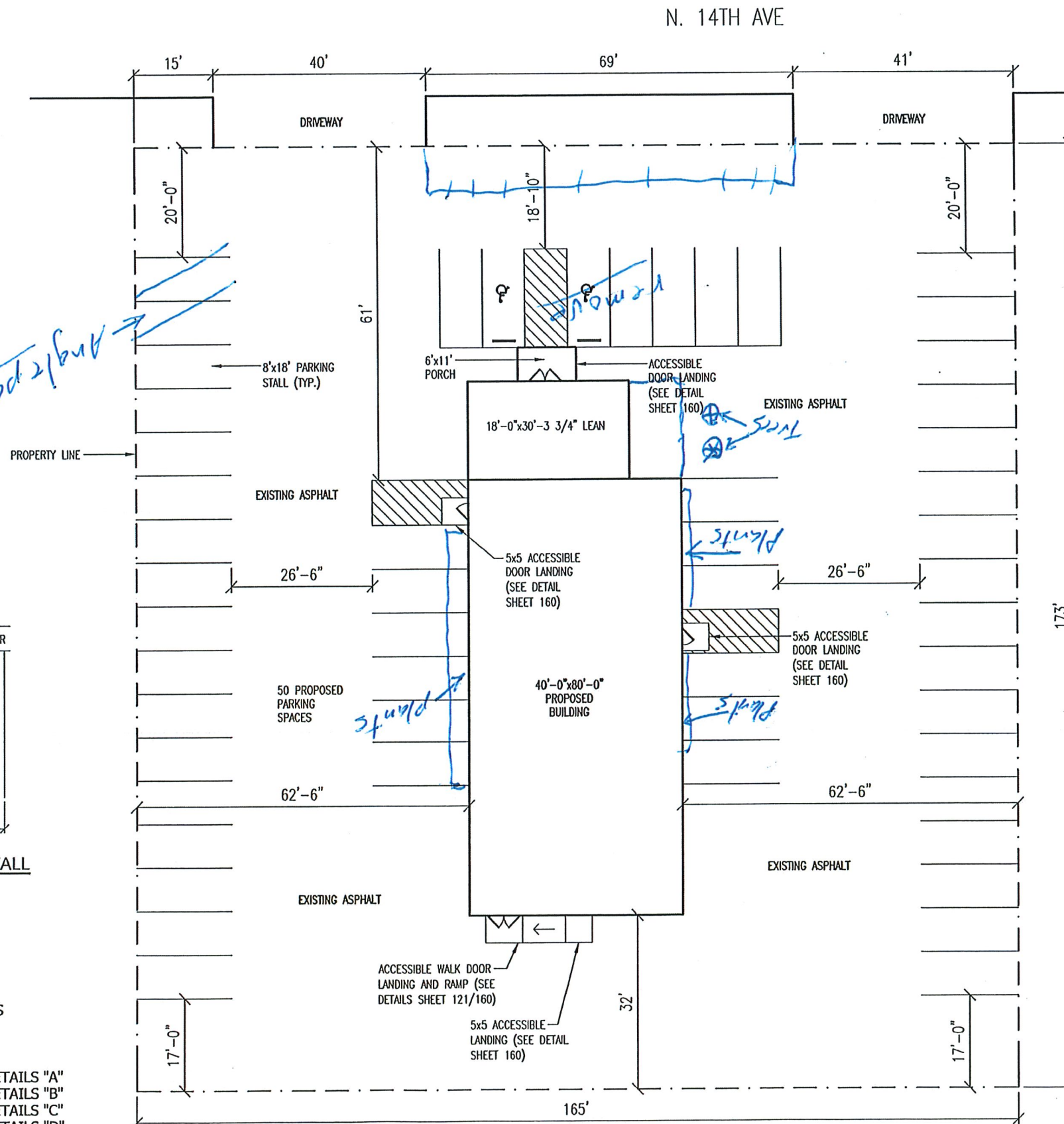


ACCESSIBLE PARKING STALL

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← NORTH →



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:
SITE PLAN

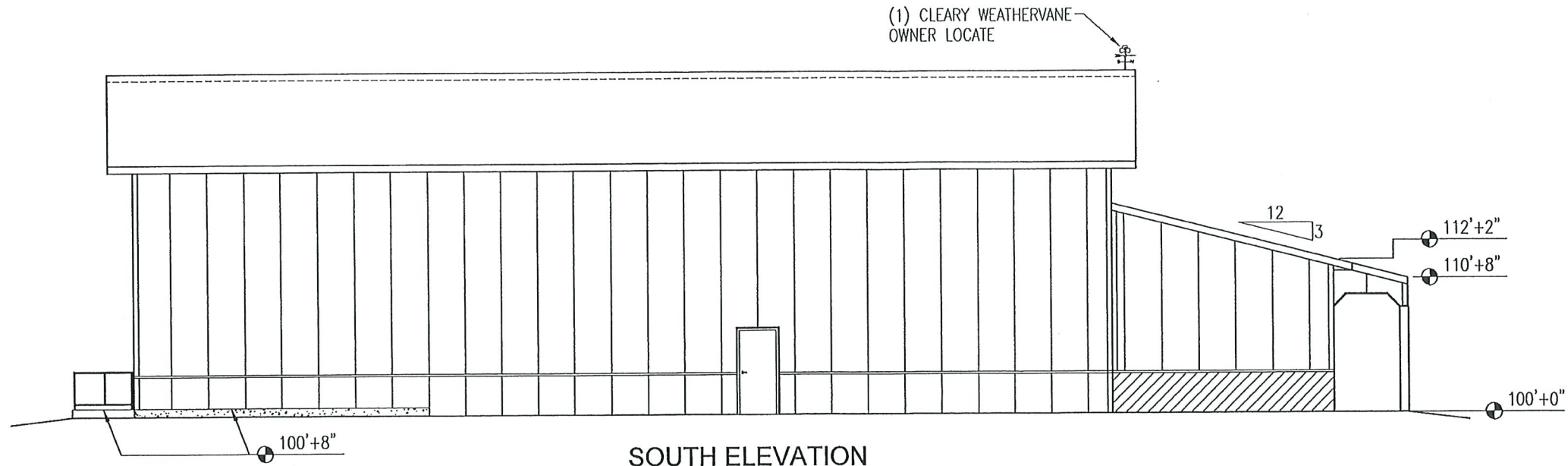
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SHEET NUMBER:
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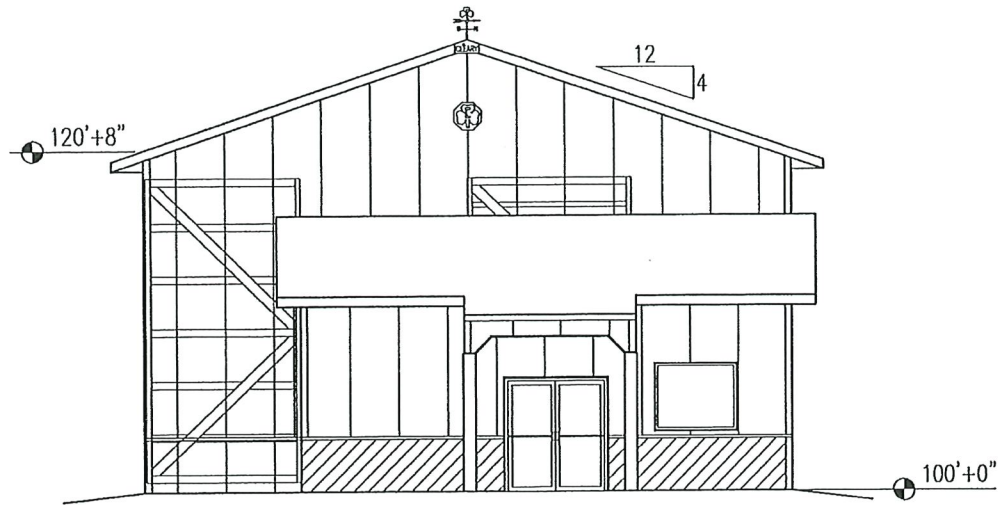
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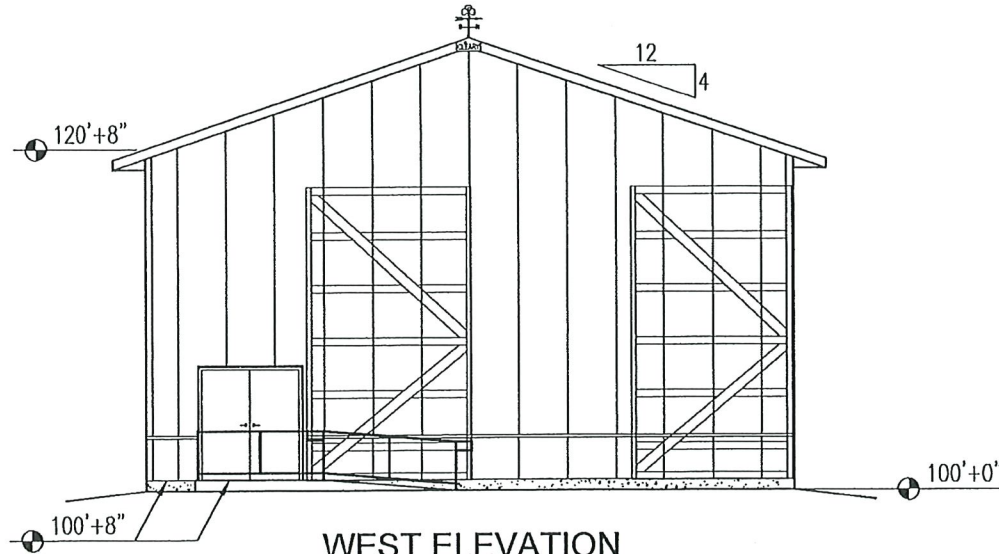
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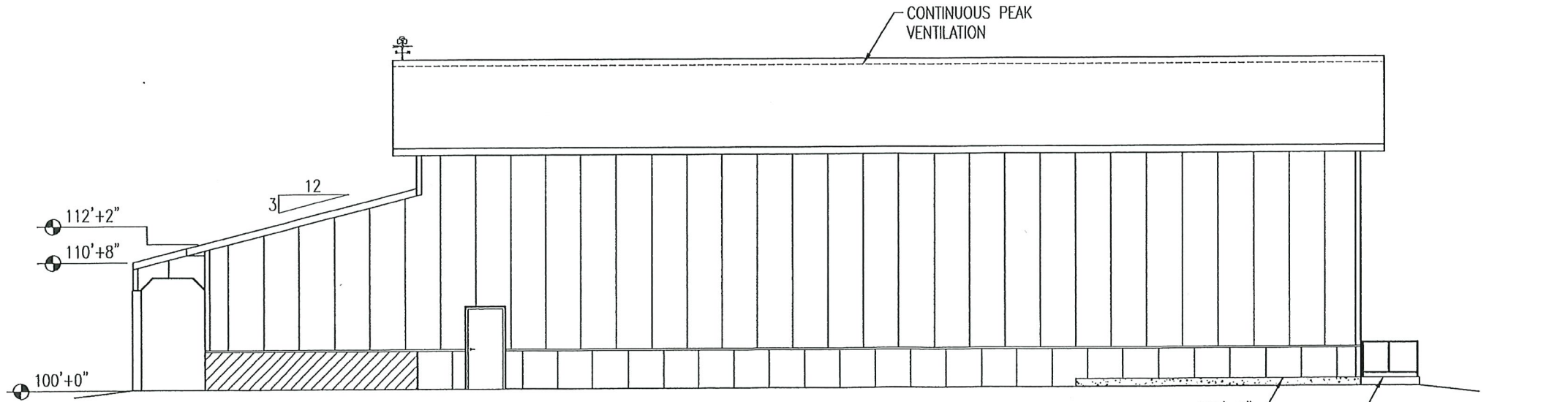
SOUTH ELEVATION



EAST ELEVATION



WEST ELEVATION



NORTH ELEVATION

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VERONA, WI 53593 / (800) 373-5550

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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:
ELEVATIONS

PROJECT NUMBER:
2020104484

SHEET NUMBER:
110

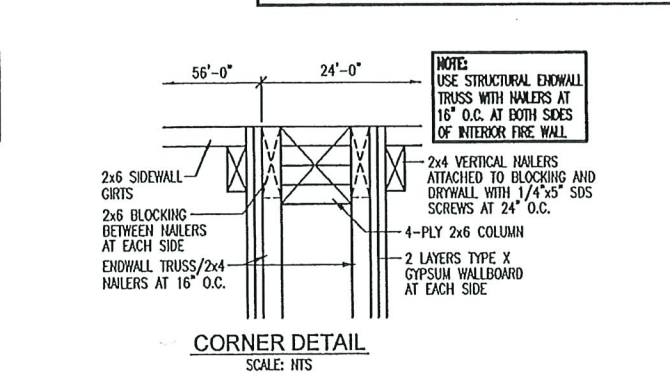
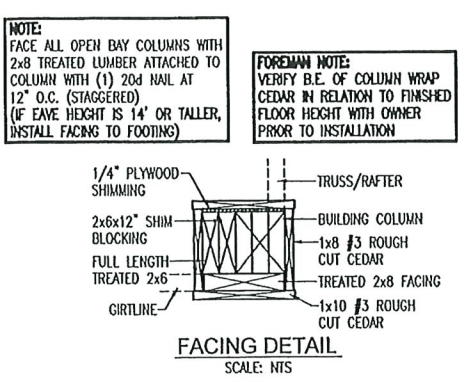
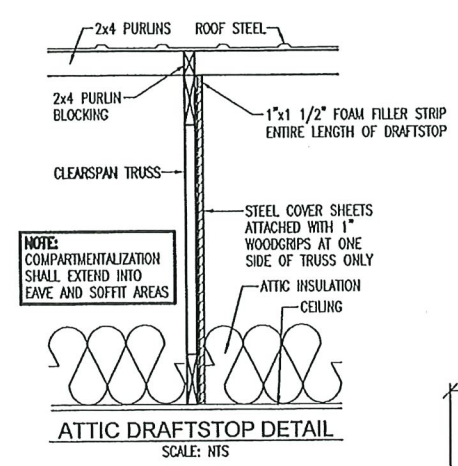
SHEET SCALE: 3/16" = 1'-0"

NOTE:
SHEET SCALE DESIGNED
FOR 24"x36" PAPER

| COLUMNS | COLUMN SIZE | HOLE DEPTH | HOLE DIAMETER | FOOTING SIZE | NUMBER OF COLUMNS REQUIRED |
|-------------------------------|------------------|------------|---------------|-----------------------------------|----------------------------|
| (A) SIDEWALL | 3-PLY 2x8x20'-8" | ---- | ---- | ON CONCRETE SLAB (F.F.E.=100'+0") | 12 |
| (B) CORNER | 3-PLY 2x8x20'-8" | ---- | ---- | ON CONCRETE SLAB (F.F.E.=100'+0") | 2 |
| (C) ENDWALL | 3-PLY 2x8x24'-0" | ---- | ---- | ON CONCRETE SLAB (F.F.E.=100'+0") | 2 |
| (D) ENDWALL | 3-PLY 2x8x27'-4" | ---- | ---- | ON CONCRETE SLAB (F.F.E.=100'+0") | 1 |
| (E) SIDEWALL | 3-PLY 2x6x12'-2" | ---- | ---- | ON CONCRETE SLAB (F.F.E.=100'+0") | 2 |
| (F) CORNER | 3-PLY 2x6x12'-2" | ---- | ---- | ON CONCRETE SLAB (F.F.E.=100'+0") | 2 |
| (G) ENDWALL | 3-PLY 2x6x14'-5" | ---- | ---- | ON CONCRETE SLAB (F.F.E.=100'+0") | 2 |
| (H) CORNER | 3-PLY 2x6x10'-9" | ---- | ---- | ON CONCRETE SLAB (F.F.E.=99'+11") | 2 |
| (I) SIDEWALL | 3-PLY 2x8x20'-0" | ---- | ---- | ON CONCRETE WALL (F.F.E.=100'+8") | 4 |
| (J) CORNER | 3-PLY 2x8x20'-0" | ---- | ---- | ON CONCRETE WALL (F.F.E.=100'+8") | 2 |
| (K) ENDWALL | 3-PLY 2x8x23'-4" | ---- | ---- | ON CONCRETE WALL (F.F.E.=100'+8") | 2 |
| (L) ENDWALL | 3-PLY 2x8x26'-8" | ---- | ---- | ON CONCRETE WALL (F.F.E.=100'+8") | 1 |
| (M) FULL LENGTH (NON-TREATED) | 4-PLY 2x6x20'-0" | ---- | ---- | ON CONCRETE WALL (F.F.E.=100'+8") | 2 |
| (N) FULL LENGTH (NON-TREATED) | 4-PLY 2x6x22'-8" | ---- | ---- | ON CONCRETE WALL (F.F.E.=100'+8") | 2 |
| (O) FULL LENGTH (NON-TREATED) | 4-PLY 2x6x25'-4" | ---- | ---- | ON CONCRETE WALL (F.F.E.=100'+8") | 2 |

| BUILDING COLORS | | BUILDING ACCESSORIES |
|-----------------------|----------------|--|
| ROOF: | ANTIQUE BRONZE | (1) CLEARLY WEATHERVANE (OWNER LOCATE) |
| SIDES/CABLES: | TAN | INSIDE FILLER STRIP AT EAVE (ROOF AND SIDE) |
| WAINSCOT: | ANTIQUE BRONZE | INSIDE FILLER STRIP AT TOP AND BOTTOM OF WAINSCOT Z-TRIM |
| TRIM (TYP.): | | INSIDE FILLER STRIP AT BRICK PREP. TRIM |
| WAINSCOT CORNER TRIM: | ANTIQUE BRONZE | INSIDE FILLER STRIP AT TREATED PLANK |
| MAIN CORNER TRIM: | TAN | TYVEK HOUSE WRAP AT ENTIRE PERIMETER WALLS |
| | | BUILDING ON CONCRETE SLAB WITH WET-SET BRACKETS |
| | | CONCRETE FOAM FILLER AT ENTIRE BUILDING, LESS DOORS |
| | | STEEL TO 100'+0" WITH PERIMETER INSULATION BASE TRIM |

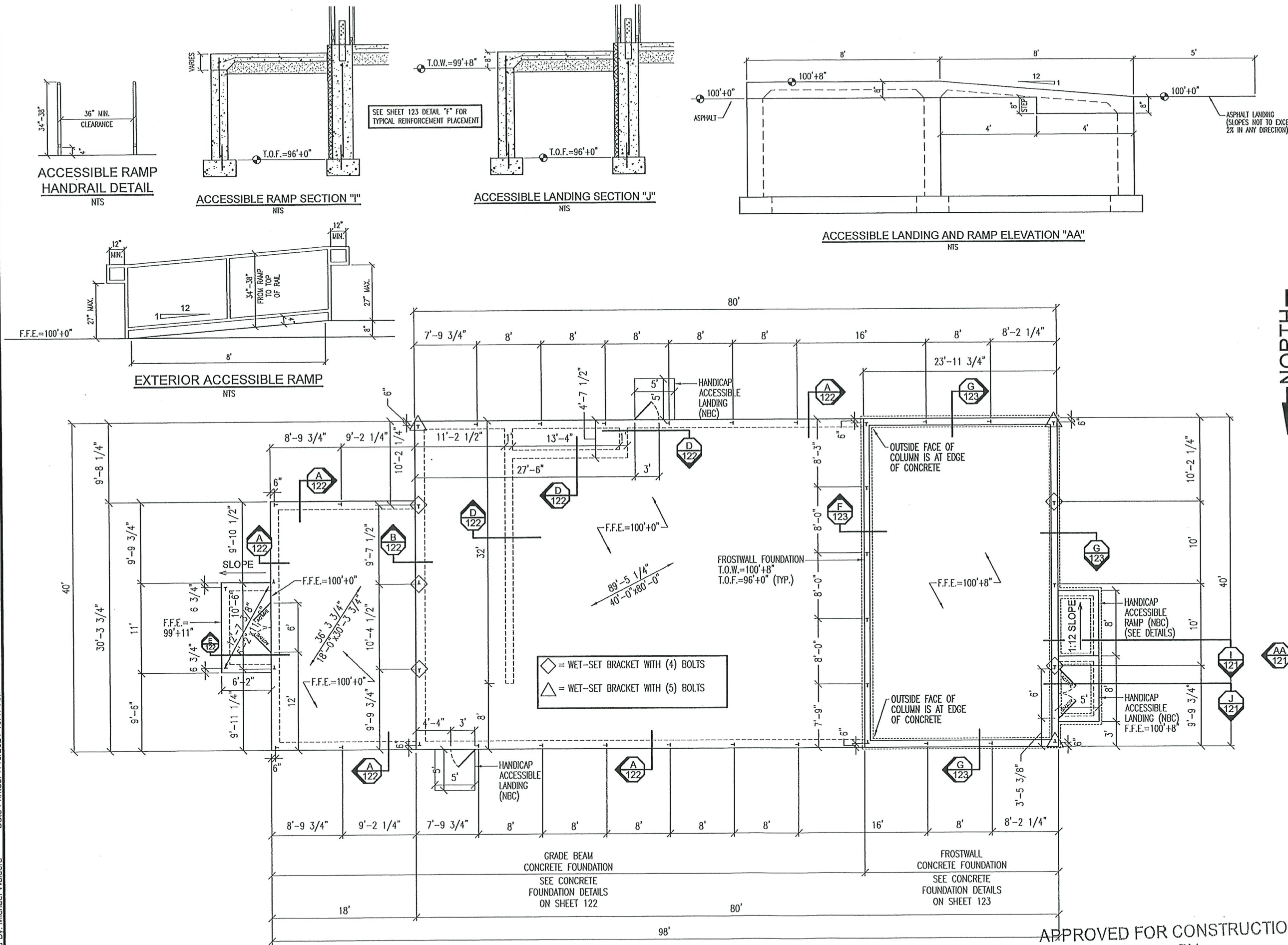
| PLAN REVISIONS: | | |
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APPROVED FOR CONSTRUCTION
DATE _____ BY _____

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'-8" WITH LEAN AND PORCH
SHEET NAME: FLOOR PLAN

| |
|--|
| PROJECT NUMBER: 2020104484 |
| SHEET NUMBER: 120 |
| SHEET SCALE: $3/16" = 1'-0"$ |
| 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:

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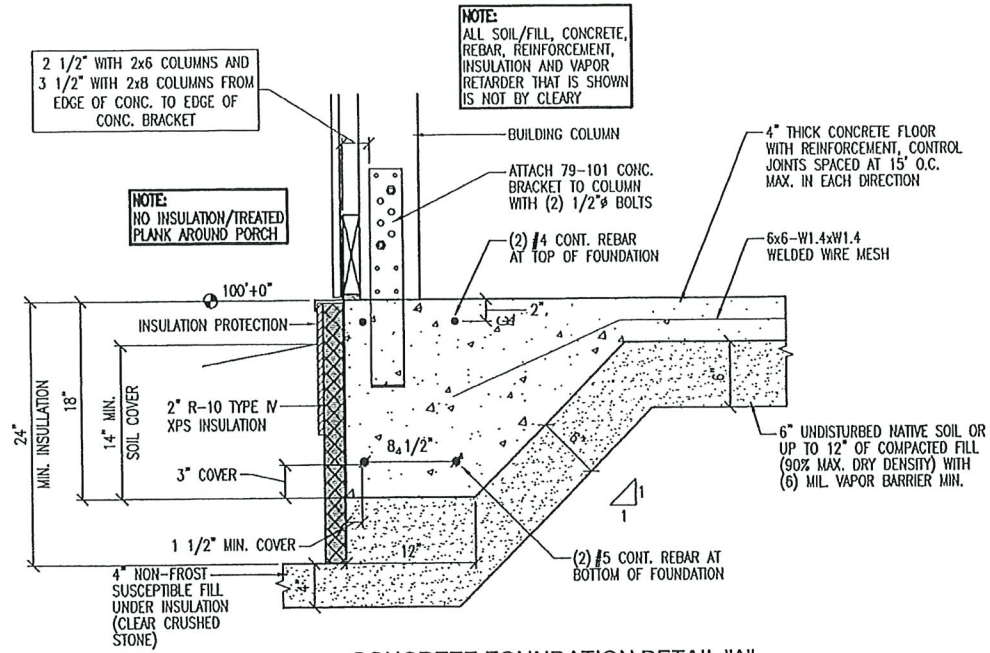
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DC ARTS CENTER LLC. - STUART CHAMPEAU

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

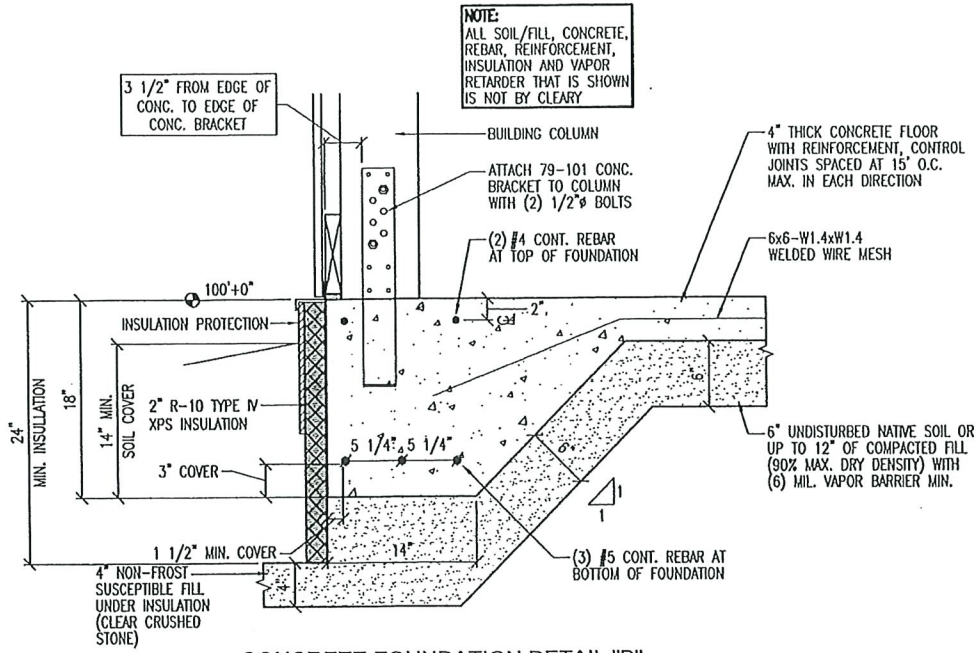
PROJECT NUMBER:
2020104484
SHEET NUMBER:
121
SHEET SCALE: 3/16" = 1'-0"

NOTE:
SHEET SCALE DESIGNED
FOR 24"x36" PAPER

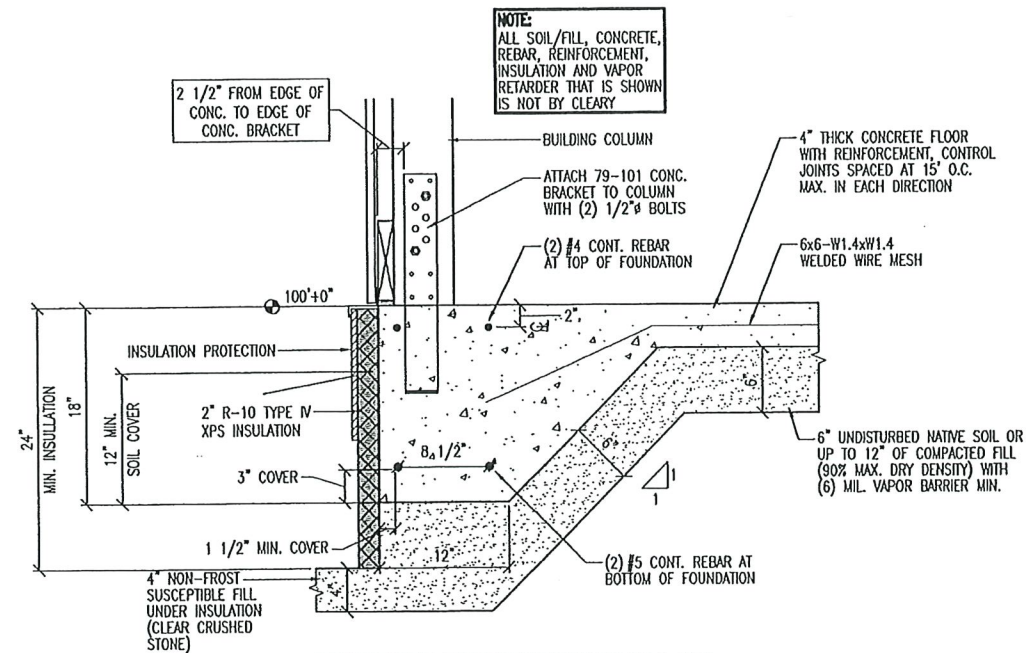
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DATE _____ BY _____



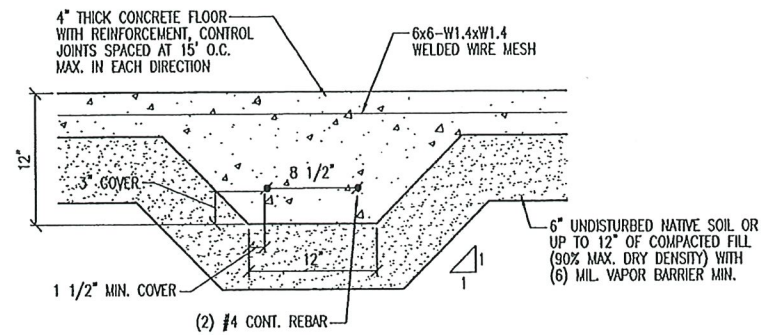
CONCRETE FOUNDATION DETAIL "A"



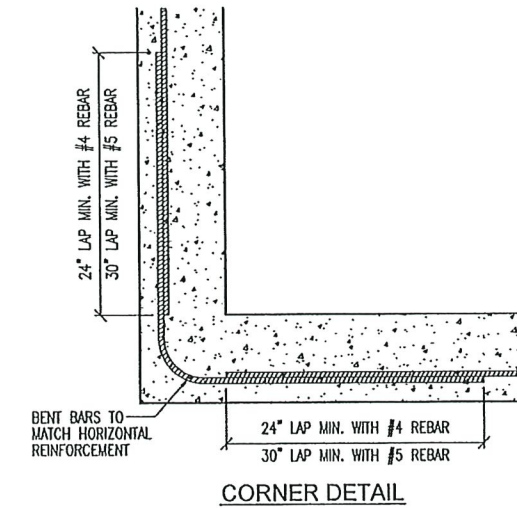
CONCRETE FOUNDATION DETAIL "B"



CONCRETE FOUNDATION DETAIL "C"

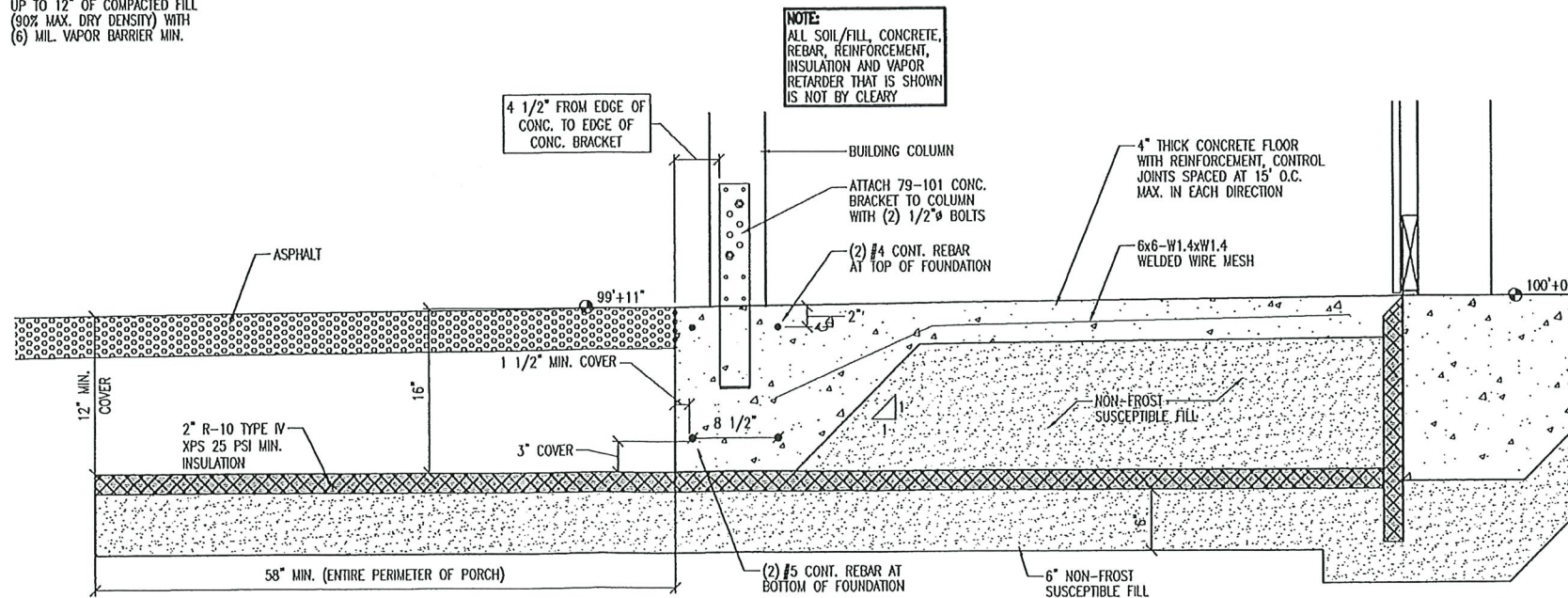


CONCRETE FOUNDATION DETAIL "D"



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



CONCRETE FOUNDATION DETAIL "E"

APPROVED FOR CONSTRUCTION
DATE _____ BY _____

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

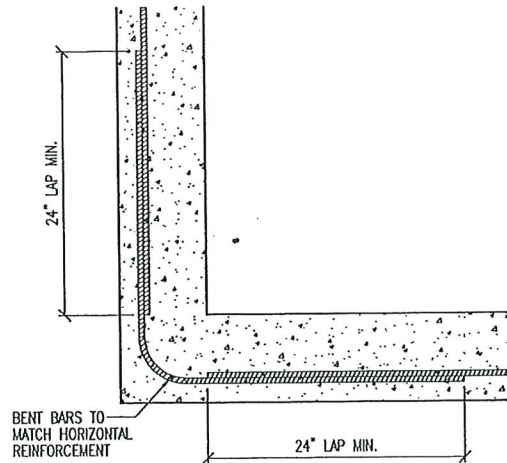
SHEET NAME:
CONCRETE GRADE BEAM FOUNDATION DETAILS

PROJECT NUMBER:
2020104484

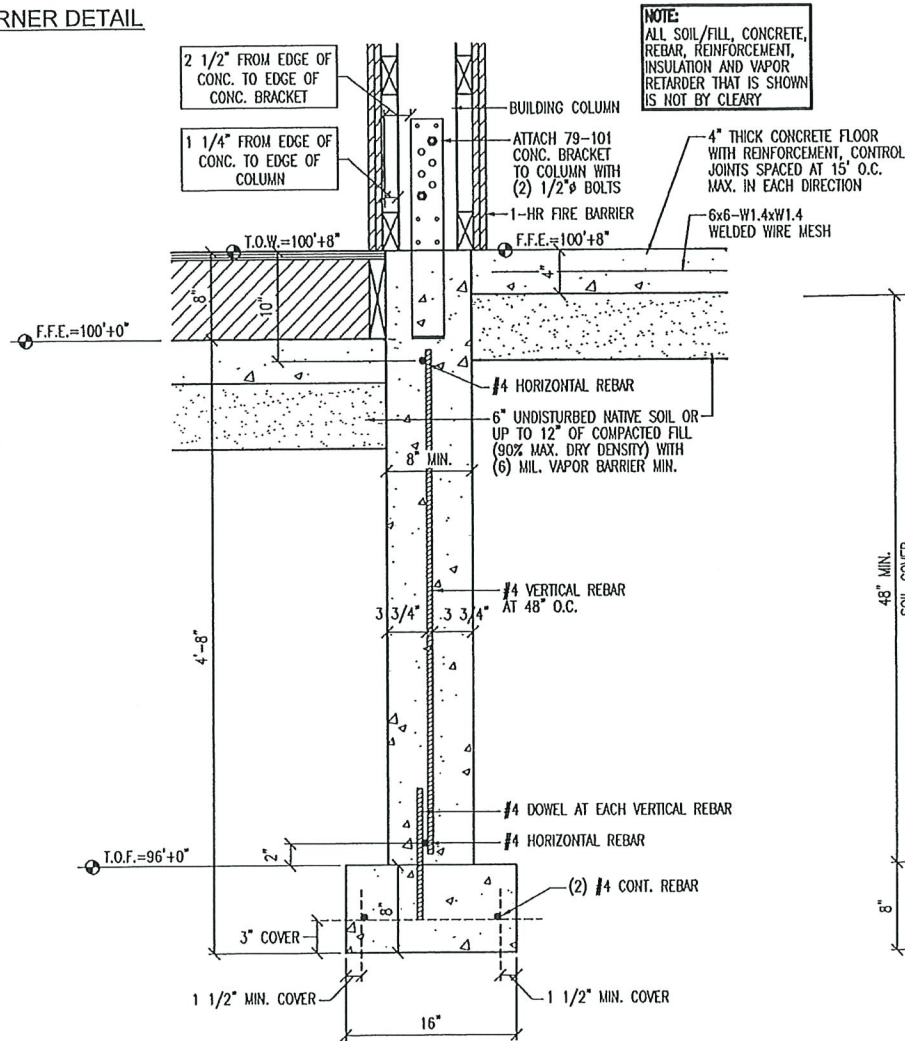
SHEET NUMBER:
122

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

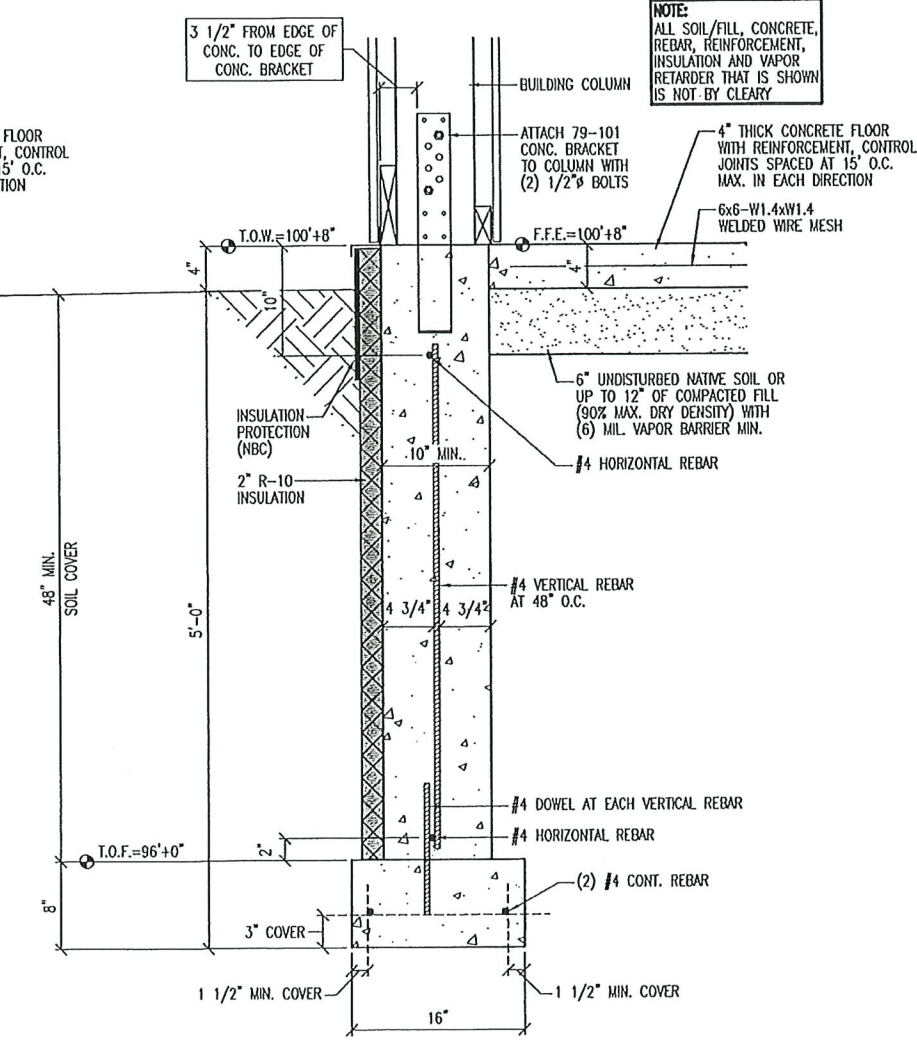
NOTE:
SHEET SCALE DESIGNED FOR 24"x36" PAPER



CORNER DETAIL



CONCRETE FOUNDATION DETAIL "F"



CONCRETE FOUNDATION DETAIL "G"

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.

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

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



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 |
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| 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:
CONCRETE FROSTWALL FOUNDATION DETAILS

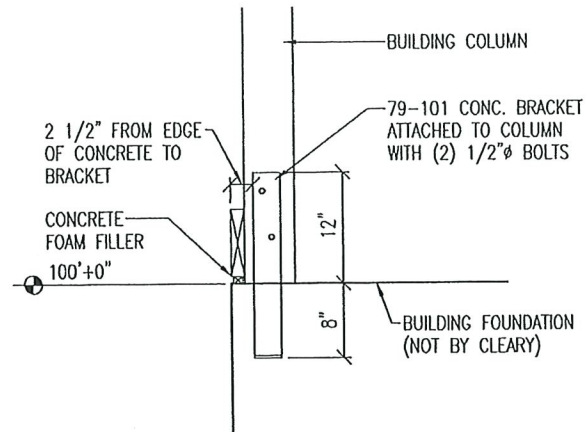
PROJECT NUMBER:
2020104484

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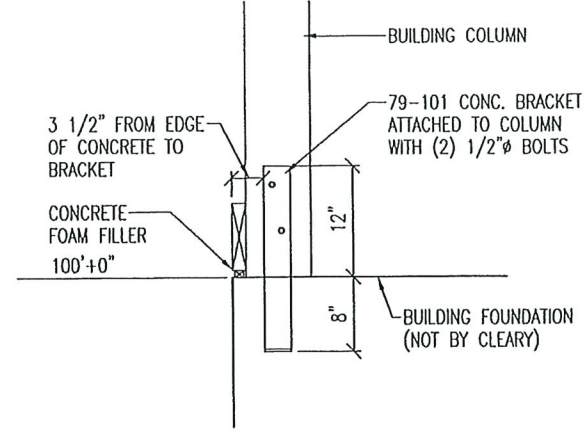
SHEET SCALE: 1 1/2" = 1'-0"

NOTE:
SHEET SCALE DESIGNED
FOR 24"x36" PAPER

APPROVED FOR CONSTRUCTION
DATE _____ BY _____

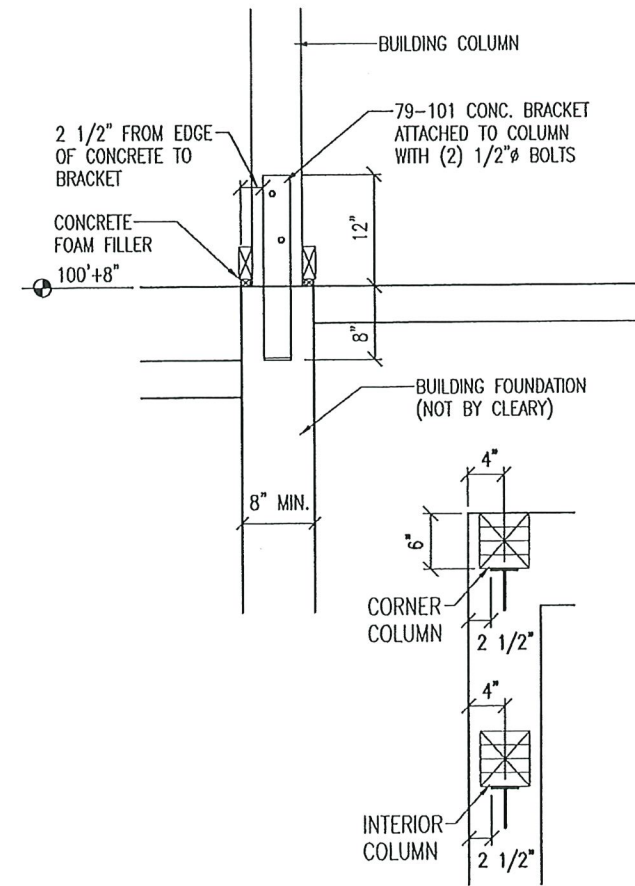


NOTE:
SEE CONCRETE
BRACKET LAYOUT
PLAN FOR BRACKET
LOCATIONS WITH
(4) OR (5) BOLTS

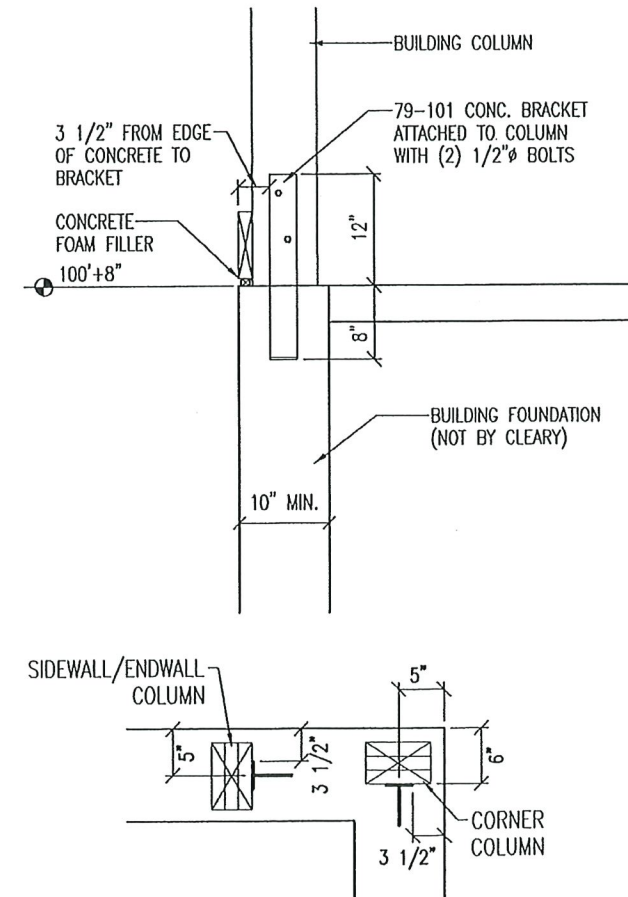


CONCRETE BRACKET PLACEMENT DETAIL
AT GRADE BEAM WITH 3-PLY 2x6 COLUMNS

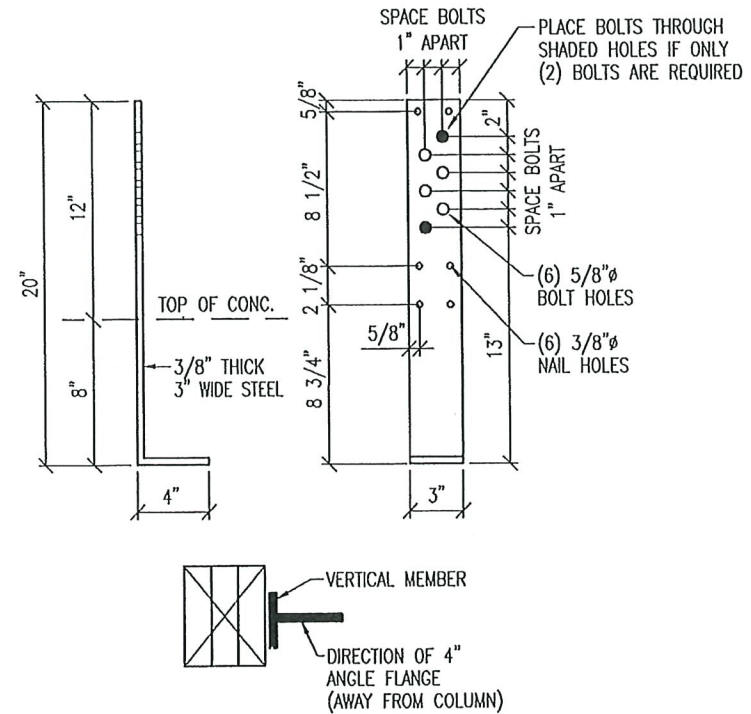
CONCRETE BRACKET PLACEMENT DETAIL
AT GRADE BEAM WITH 2x8 COLUMNS



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 _____

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 |
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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

SHEET NAME:
CONCRETE BRACKET DETAILS

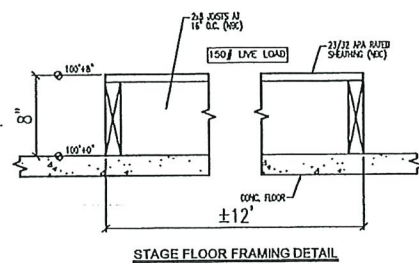
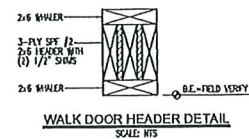
PROJECT NUMBER:
2020104484

SHEET NUMBER:
124

SHEET SCALE: NTS

NOTE:
SHEET SCALE DESIGNED
FOR 24"x36" PAPER

| DOOR AND WINDOW SCHEDULE | | | | |
|--------------------------|------|--|---------------|---|
| S.E. | QTY. | TYPE | SIZE | ACCESSORIES/NOTES |
| 100'10" | 2 | PLYD SERIES 20 STEEL CLAD WALK DOOR | 3'-0" x 5'-8" | LEVER HANDLES WITH PANO HARDWARE HANGCAP THRESHOLD U-0.30 (NORMAN) |
| 100'18" | 1 | WALK DOOR FRAME-OUT (DOOR HIC) | 6'-0" x 5'-8" | LEVER HANDLES HANGCAP THRESHOLD U-0.30 (NORMAN) |
| 100'10" | 1 | PLYD SERIES 20 STEEL CLAD WALK DOOR (CONTINUED IN HIC) | 3'-0" x 5'-8" | LEVER HANDLES WITH PANO HARDWARE HANGCAP THRESHOLD U-0.30 (NORMAN) |
| 100'10" | 1 | WALK DOOR FRAME-OUT (GLASS ENTRANCE DOOR HIC) | 6'-0" x 5'-8" | LEVER HANDLES WITH PANO HARDWARE HANGCAP THRESHOLD SAFETY GLAZING U-0.71 (NORMAN) SIXCO-0.38 (NORMAN) VI-0.45 (NORMAN) |
| 100'14" | 1 | WDOOR FRAME-OUT (ACTUAL FRAME WDOOR HIC) | 5'-0" x 4'-0" | FIXED LITE U-0.35 (NORMAN) SIXCO-0.35 (NORMAN) VI-0.48 (NORMAN) |
| 100'18" | 5 | WALK DOOR FRAME-OUT (DOOR HIC) | 3'-0" x 5'-8" | LEVER HANDLES HANGCAP THRESHOLD 1-HOUR FIRE RATED |

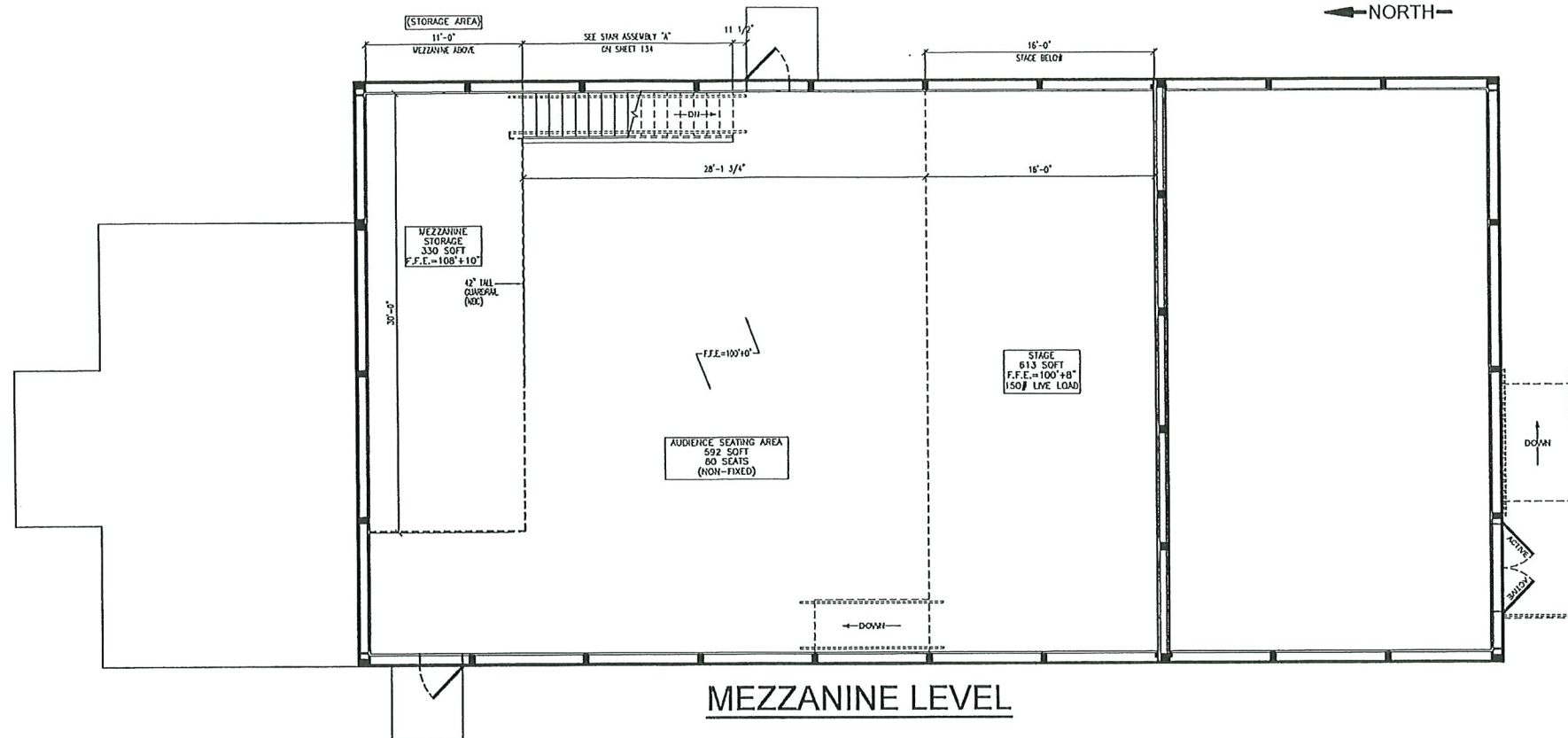


1-HOUR FIRE RESISTANT WALLS/FLOOR NOTES

SYMBOLS:
FR = 1-HOUR FIRE BARRIER

PER GA 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 JOINTS. 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.



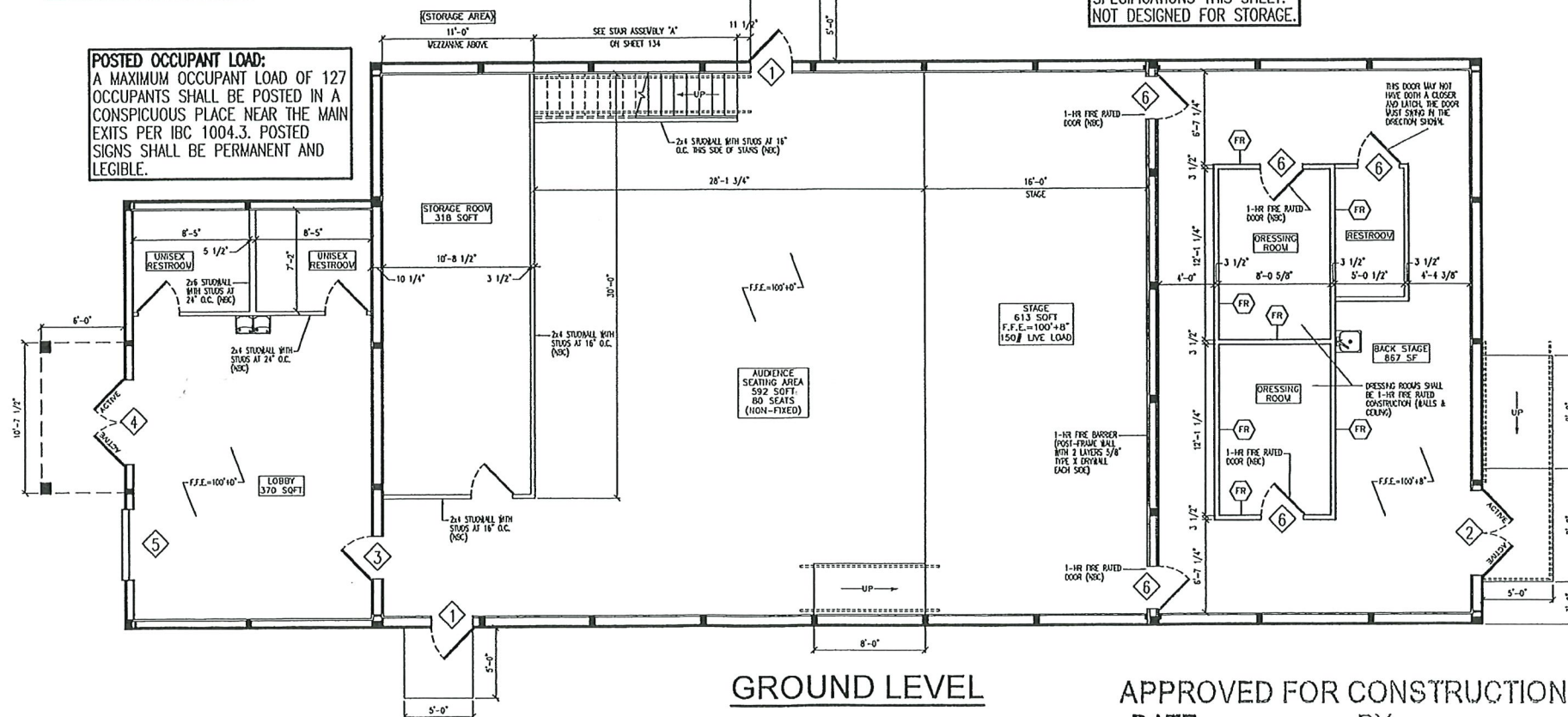
NOTE:
ALL INTERIOR DOORS SHALL HAVE ACCESSIBLE HARDWARE AND THRESHOLDS (NBC)

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.



APPROVED FOR CONSTRUCTION
DATE _____ BY _____

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 | | |
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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

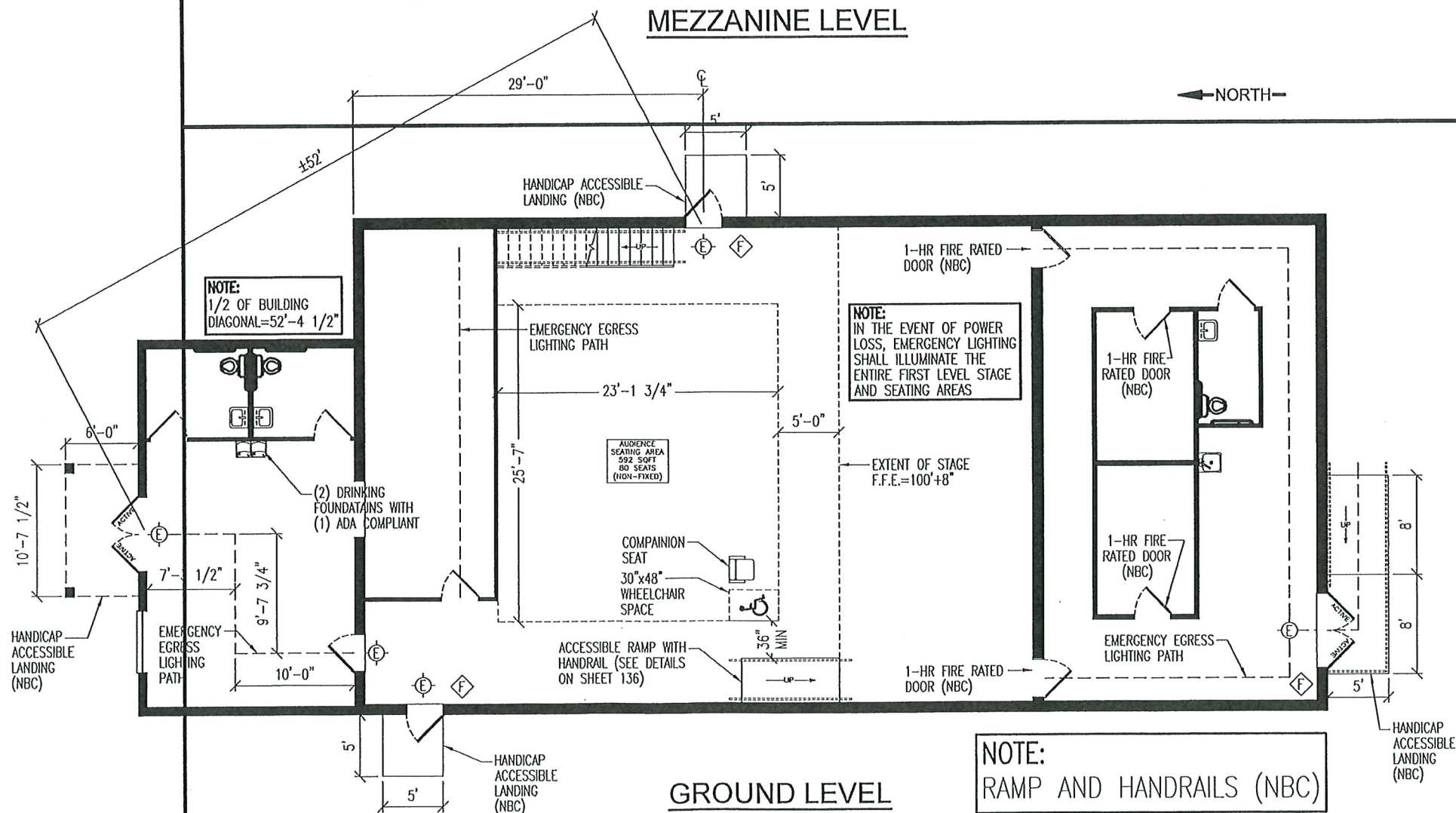
SHEET SCALE: 3/16" = 1'-0"

NOTE:
SHEET SCALE DESIGNED FOR 24"x36" PAPER

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 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 DISCERNIBLE 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 AN 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-CANDLES (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 _____

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:

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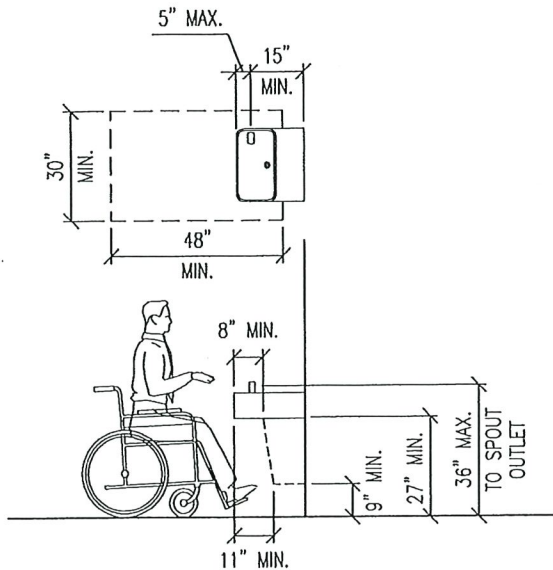
PROJECT NAME:
DC ARTS CENTER LLC. - STUART CHAMPEAU
PROJECT SITE ADDRESS:
917 NORTH 14TH AVENUE
STURGEON BAY, WI - DOOR COUNTY
BUILDING SIZE:
40'-0" x 80'-0" x 20'-8" WITH LEAN AND PORCH
SHEET NAME:
EMERGENCY EGRESS PLAN

PROJECT NUMBER:
2020104484
SHEET NUMBER:
131
SHEET SCALE: 3/16"=1'-0"

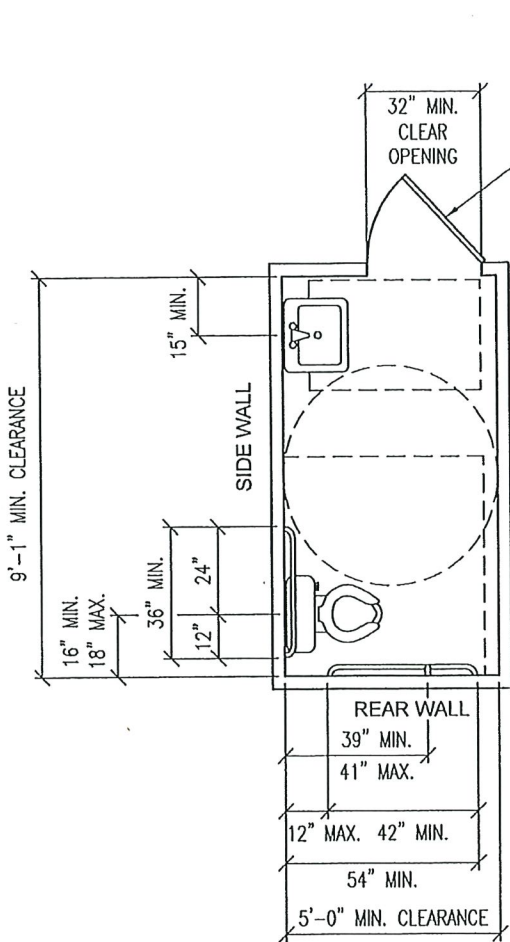
NOTE:
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FOR 24"x36" PAPER

GENERAL SPECIFICATIONS

- 1.0 WHEELCHAIR TURNING SPACE: A WHEEL CHAIR 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 RUN 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.



DRINKING FOUNTAIN CLEARANCES
WITH FRONT APPROACH

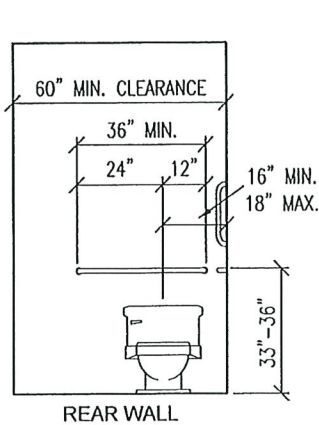


THIS DOOR MAY NOT HAVE BOTH A CLOSER AND LATCH. THE DOOR MUST SWING IN THE DIRECTION SHOWN.

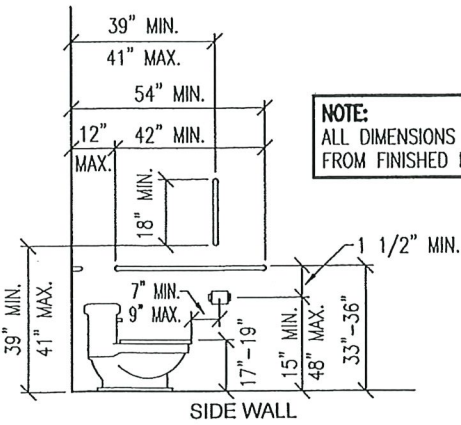
ALTERNATE DOOR SWING
SEE ALTERNATE SPECIFICATIONS 2.0

NOTES:

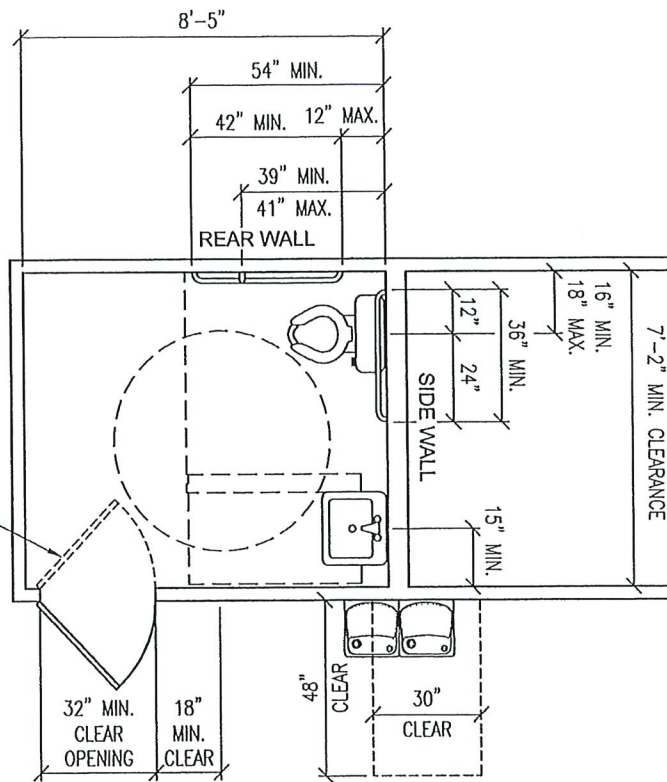
CLEAR FLOOR SPACE AT FIXTURES:
56"x60" AT WATER CLOSET
30"x48" AT LAVATORY
60" DIA. MIN. TURNING SPACE



NOTE:
ALL DIMENSIONS ARE FROM FINISHED FLOOR



HANDRAILS AT WATER CLOSETS



LAVATORY CLEARANCES

APPROVED FOR CONSTRUCTION
DATE _____ BY _____



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

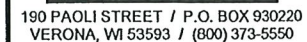
SHEET NAME:
RESTROOM LAYOUT DETAILS

PROJECT NUMBER:
2020104484

SHEET NUMBER:
132

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

NOTE:
SHEET SCALE DESIGNED
FOR 24"x36" PAPER



DATE DRAWN: 6/9/2021

PLAN REVISIONS:

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|---|--|
| 4 | |
|---|--|

SHEET NAME:
MEZZANINE FRAMING PLAN

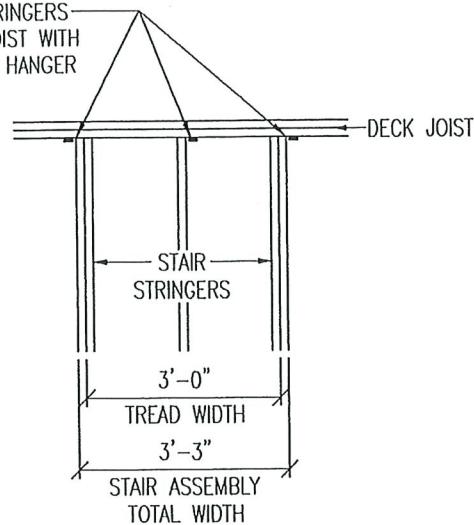
SHEET SCALE: $1/4" = 1'-0"$

NOTE:
SHEET SCALE DESIGNED
FOR 24"x36" PAPER

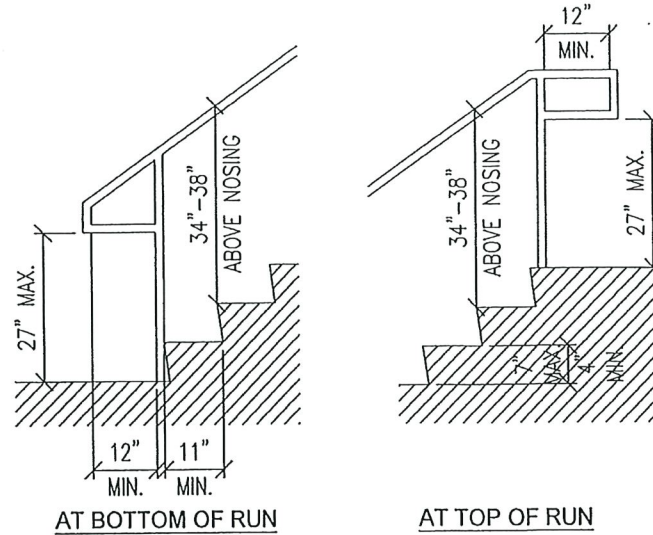


APPROVED FOR CONSTRUCTION
DATE _____ BY _____

ATTACH CENTER STRINGERS
TO 2-PLY DECK JOIST WITH
SIMPSON LSSJ28LZ HANGER



STAIR STRINGER ATTACHMENT DETAIL

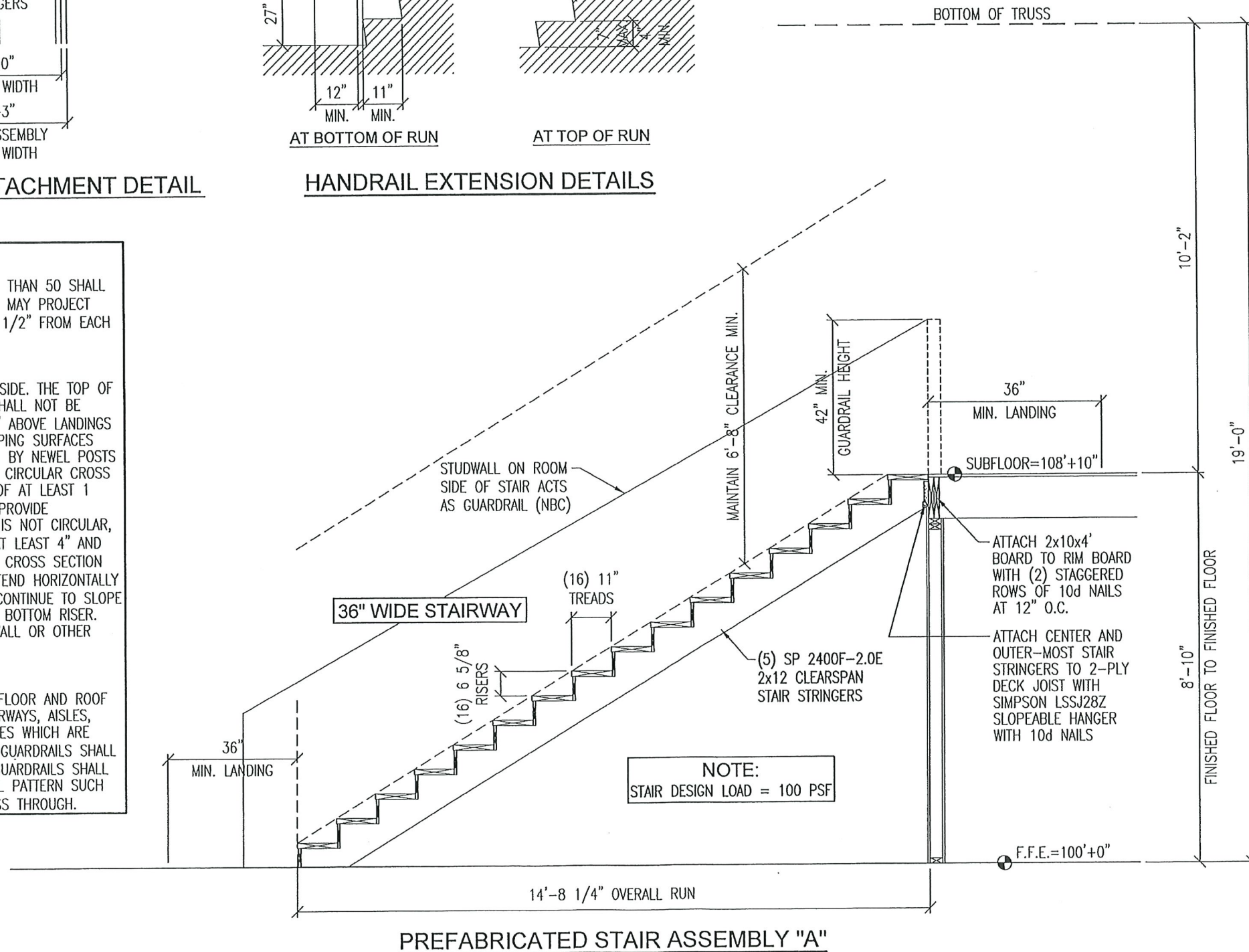


HANDRAIL EXTENSION DETAILS

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"

APPROVED FOR CONSTRUCTION
DATE _____ BY _____

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 |
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| 3 | | |
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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

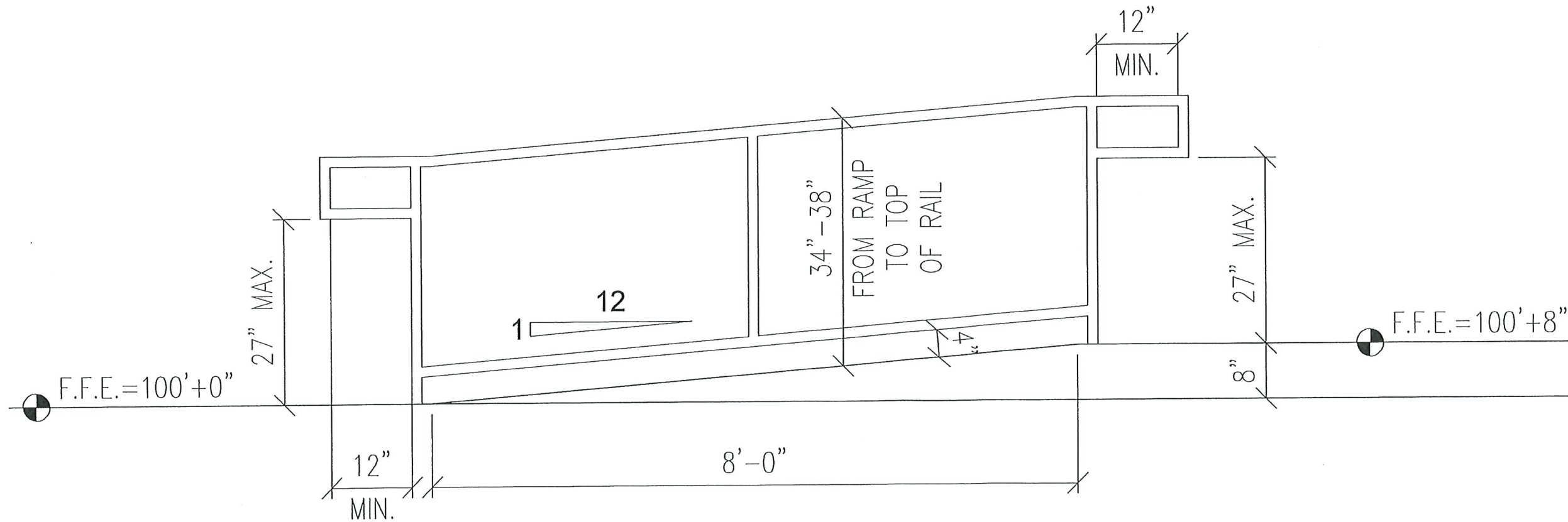
SHEET NAME:
STAIR FRAMING DETAILS

PROJECT NUMBER:
2020104484

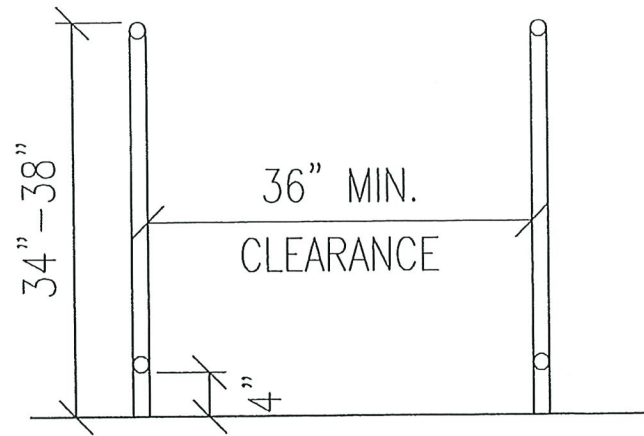
SHEET NUMBER:
134

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

NOTE:
SHEET SCALE DESIGNED
FOR 24"x36" PAPER



ACCESSIBLE STAGE RAMP



ACCESSIBLE RAMP HANDRAIL DETAIL

APPROVED FOR CONSTRUCTION
DATE _____ BY _____

CLEARY
BUILDING CORP.

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VERONA, WI 53593 / (800) 373-5550

DRAWN BY: ZIESE

DATE DRAWN: 6/9/2021

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PROJECT NAME:
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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

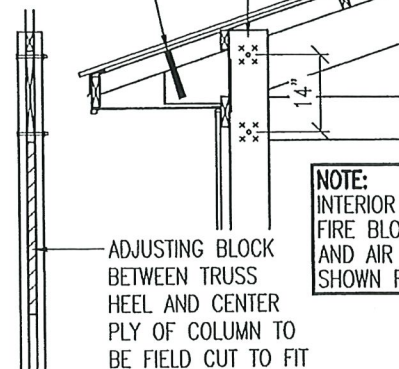
SHEET NUMBER:
135

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

NOTE:
SHEET SCALE DESIGNED
FOR 24"x36" PAPER

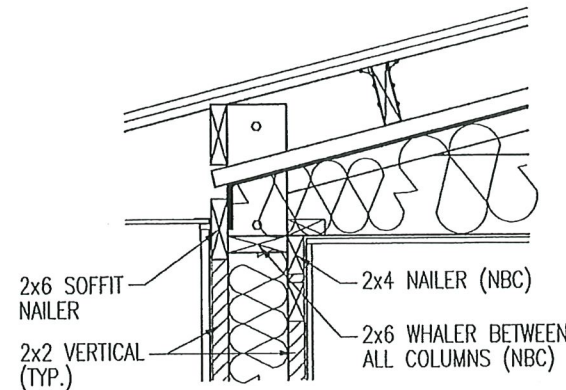
SIMPSON CS18
GALV. STRAPPING
(SEE DETAIL ON
SHEET 160)

ATTACH TRUSS TO COLUMN
WITH (2) 1/2"x5 1/2" BOLTS
WITH (4) 20d NAILS PER BOLT

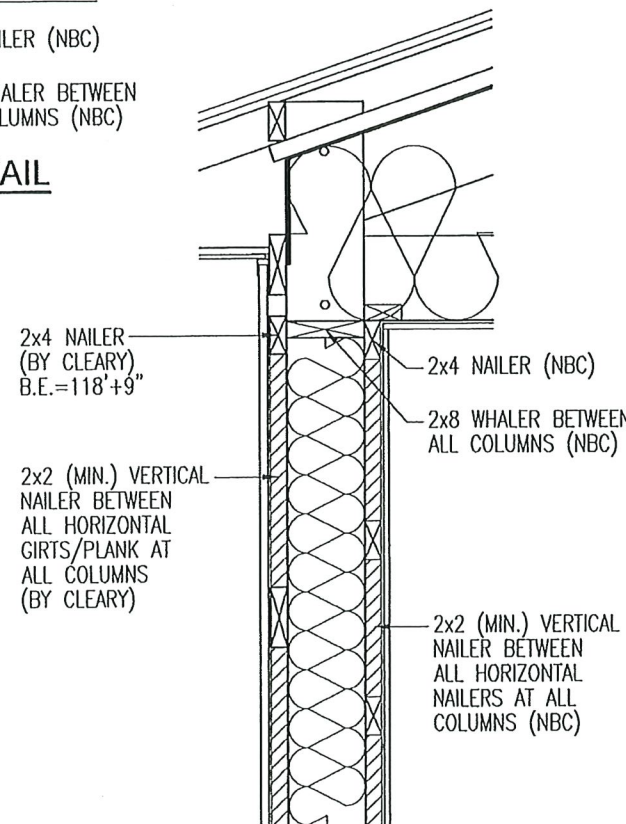


NOTE:
INTERIOR NAILERS, LINER,
FIRE BLOCKING, INSULATION
AND AIR DEFLECTOR NOT
SHOWN FOR CLARITY

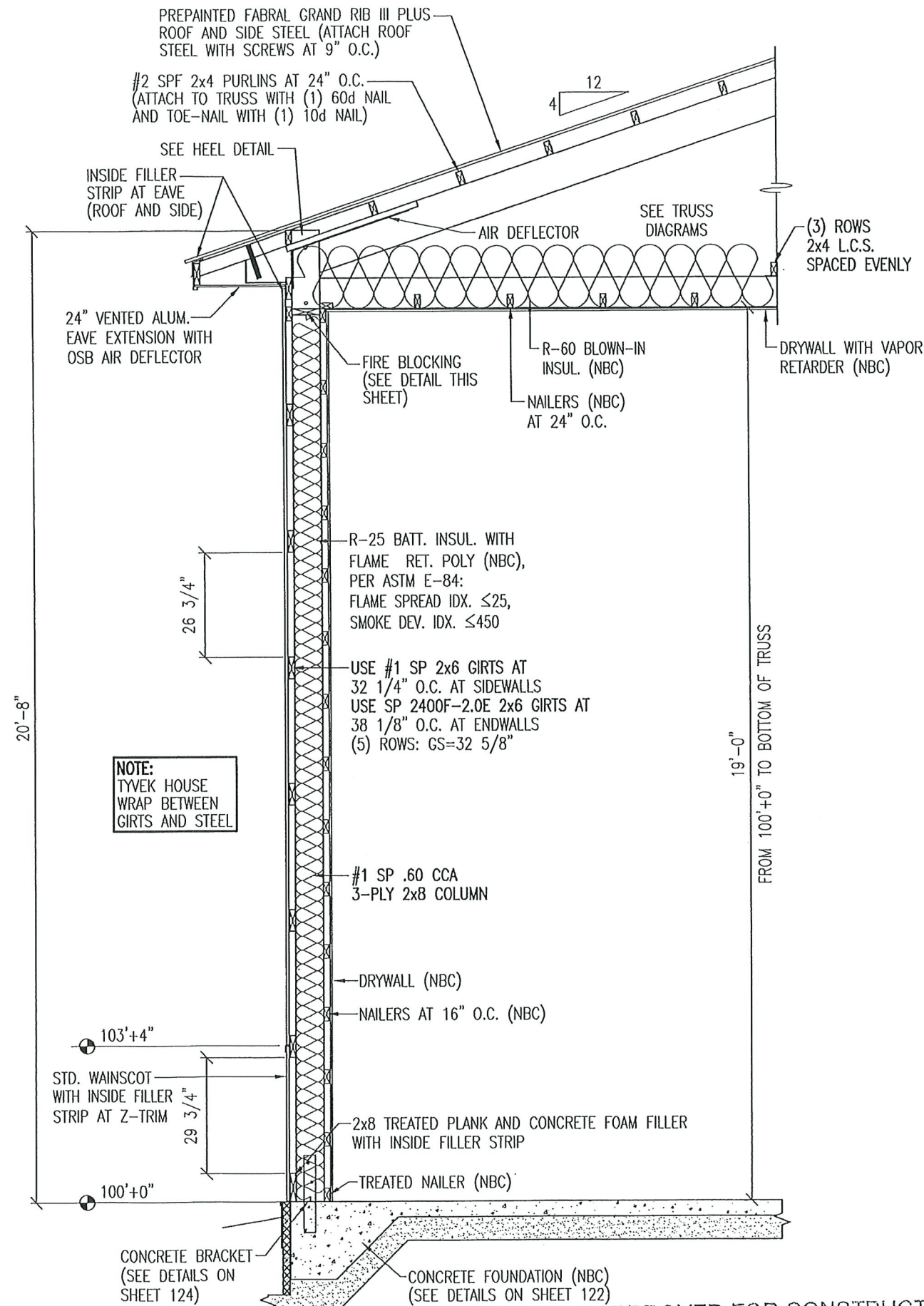
HEEL DETAIL
SCALE: 3/4"=1'-0"



FIRE BLOCKING DETAIL
AT LEAN SIDEWALL
NTS



FIRE BLOCKING DETAIL
AT MAIN BUILDING SIDEWALLS
NTS



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

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|----------------------|------|----|
| DRAWN BY: ZIESE | | |
| DATE DRAWN: 6/9/2021 | | |
| PLAN REVISIONS: | | |
| 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:
TYPICAL SECTION "A"

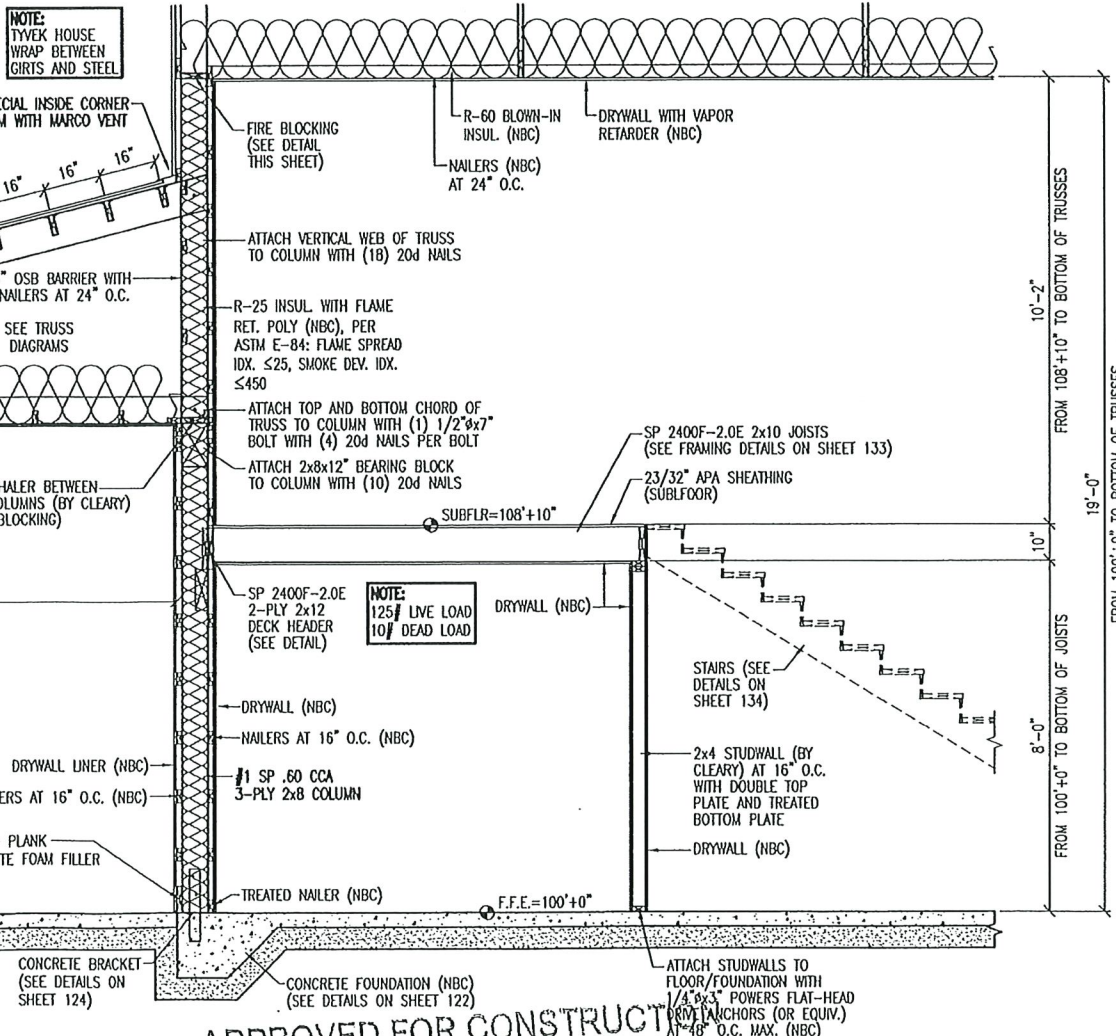
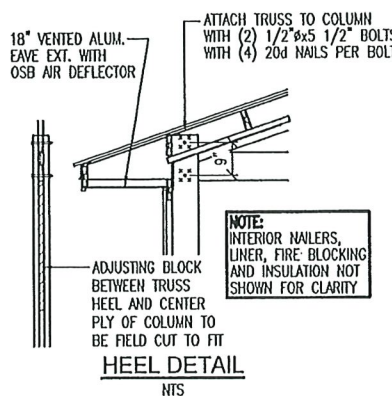
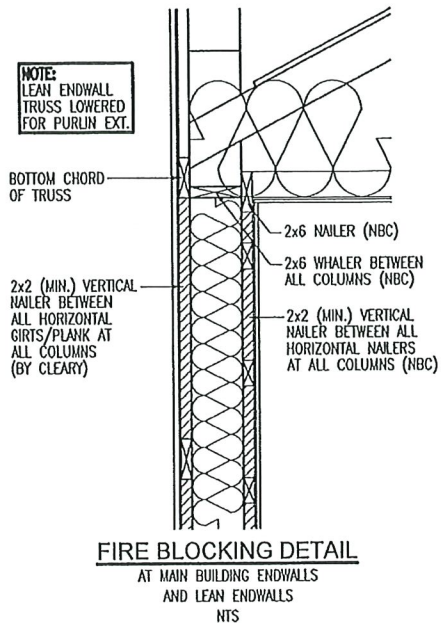
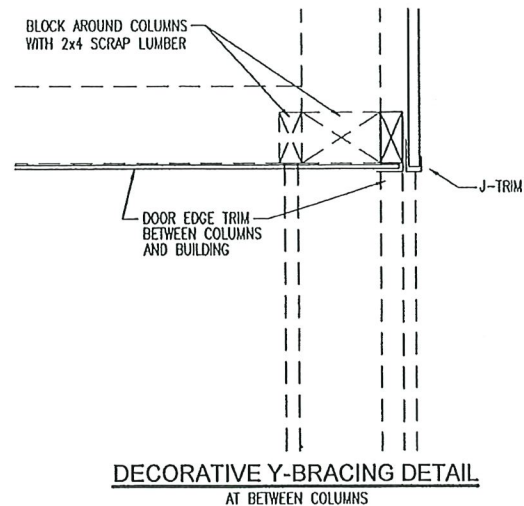
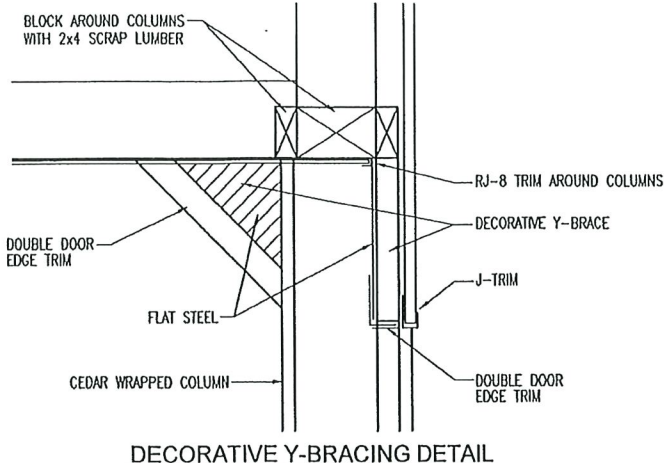
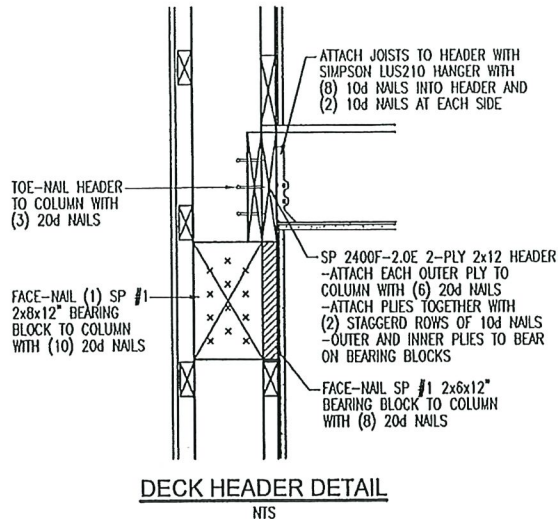
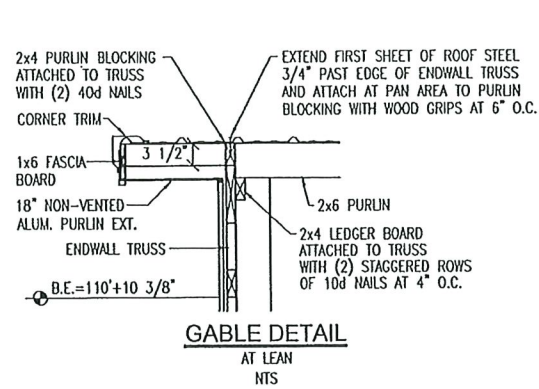
PROJECT NUMBER:
2020104484

SHEET NUMBER:
140

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

NOTE:
SHEET SCALE DESIGNED
FOR 24"x36" PAPER

APPROVED FOR CONSTRUCTION
DATE _____ BY _____



CLEARLY
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: | | |
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| 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:
TYPICAL SECTION "B"

PROJECT NUMBER:
2020104484
SHEET NUMBER:
141
SHEET SCALE: 1/2"=1'-0"
NOTE:
SHEET SCALE DESIGNED FOR 24"x36" PAPER

APPROVED FOR CONSTRUCTION
DATE _____ BY _____

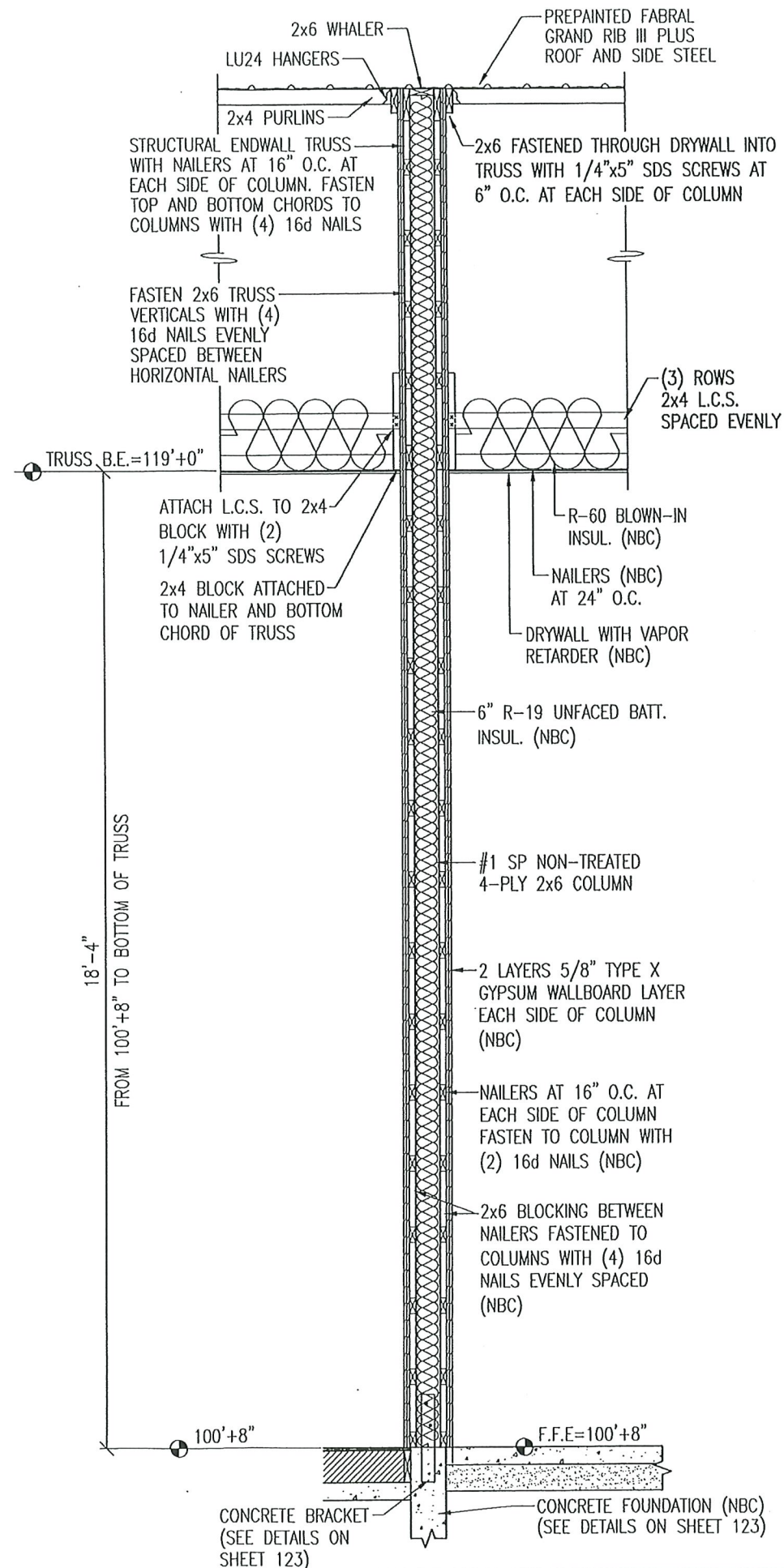
UL DESIGN NO V304 ASSEMBLY SPECIFICATIONS:
NOM. 5/8" THICK TYPE X GYPSUM BOARD
APPLIED HORIZONTALLY. JOINTS IN ADJACENT
LAYERS ARE STAGGERED A MIN. 16". GYPSUM
BOARD SECURED TO THE WOOD GIRTS AS
FOLLOWS:

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



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VERONA, WI 53593 / (800) 373-5550

DRAWN BY: ZIESE

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

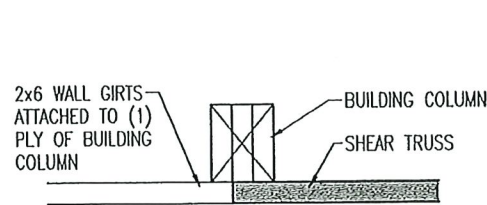
SHEET NAME:
TYPICAL SECTION "C"

PROJECT NUMBER:
2020104484

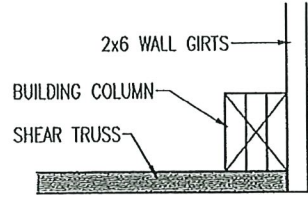
SHEET NUMBER:
142

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

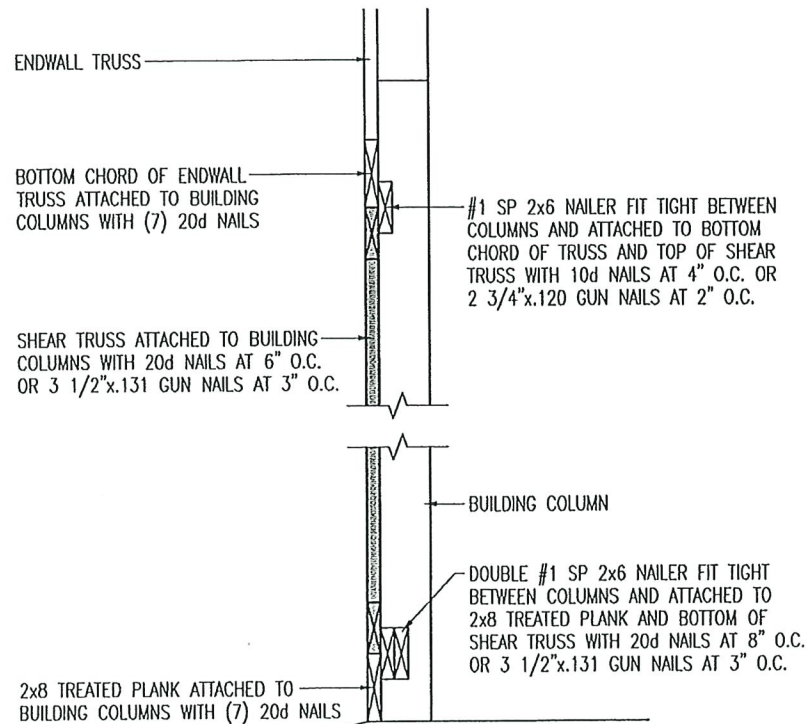
NOTE:
SHEET SCALE DESIGNED
FOR 24"x36" PAPER



**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-SHEAR2650

Cust: R 7054 JRef: 1WZO70540008 T2901
DrwNo: 294.20.1321.52990
DEH / AHF 10/20/2020

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" | Wind Criteria 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: | Snow Criteria (Pg,Pf 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/GSI Criteria PP Deflection in loc L/def L/H 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 | Maximum Reactions (lbs) Gravity Loc R+ /R- /Rh Non-Gravity /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# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. A - B 2629 -2631 |
| 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 # (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. | 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 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 -1998 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 -1098 K - O 3422 -3422 | | |

WISCONSIN
BRUCE ALAN
FELDMANN
E-26209
ST. LOUIS,
MO
PROFESSIONAL ENGINEER

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 SBICA) 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; SBICA: sbcindustry.com; ICC: iccsafe.org; AWC: awc.org

ALPINE
A DIVISION OF ITW COMPANY
514 Earth City Expressway
Suite 242
Earth City, Missouri 63045

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 |
|--------|------|----|
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| 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"

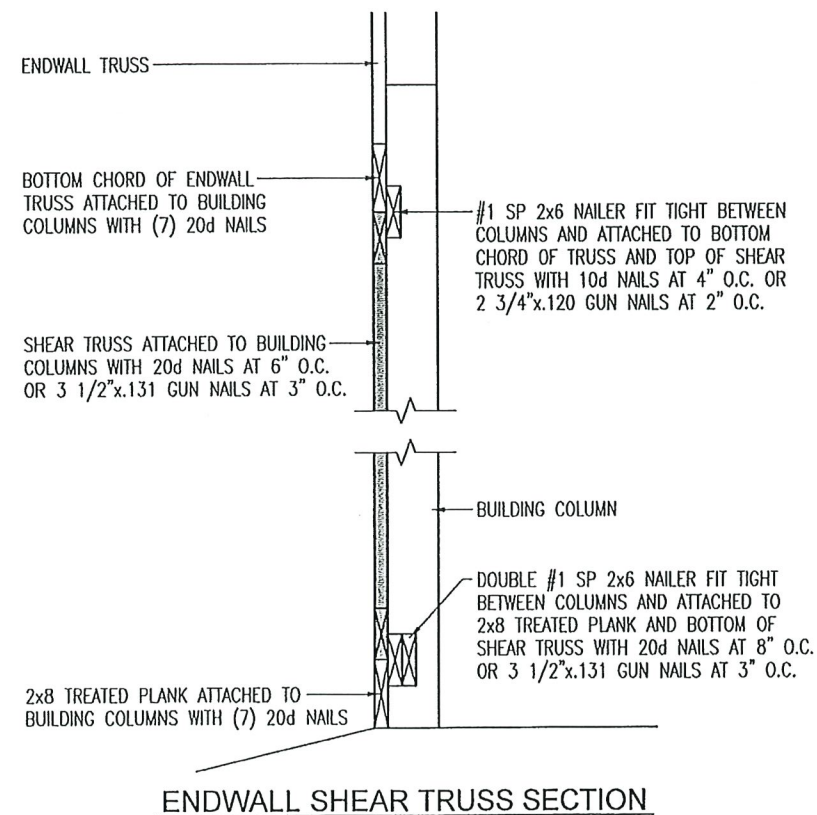
PROJECT NUMBER:
2020104484

SHEET NUMBER:
150

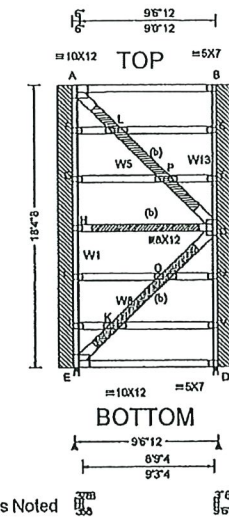
SHEET SCALE: NTS

NOTE:

SHEET SCALE DESIGNED
FOR 24"x36" PAPER



| | | | | |
|--------------|------|--------|---------------------------------------|--------------------------------------|
| SEQN: 489570 | FLAT | Ply: 1 | Job Number: 2020104484 | Cust: R 7054 JRef:1WYS70540003 T2898 |
| FROM: MJS | | Qty: 1 | . | DrwNo: 262.20.0940.06710 |
| | | | Truss Label: SB9-6-12X18-4-8SHEAR2550 | / 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

| <div>Loading Criteria (psi)</div> <div>TCLL: 1.00</div> <div>TCDL: 1.00</div> <div>BCLL: 0.00</div> <div>BCDL: 1.00</div> <div>Des Ld: 3.00</div> <div>NCBCLL: 20.00</div> <div>Soffit: 2.00</div> <div>Load Duration: 1.60</div> <div>Spacing: 12.0 "</div> | <div>Snow Criteria (Pg,Pf in PSF)</div> <div>Pg: NA Ct: NA CAT: NA</div> <div>Pf: NA Ce: NA</div> <div>Lu: NA Cs: NA</div> <div>Snow Duration: NA</div> <div>Building Code:</div> <div>IBC 2018</div> <div>TPI Std: 2014</div> <div>Rep Fac: Varies by Ld Case</div> <div>FT/RT/PT:20(20)/10(10)/4(0)</div> <div>Plate Type(s):</div> <div>WAVE</div> | <div>Defl/CSI Criteria</div> <div>PP Deflection in Loc L/defl L/#</div> <div>VERT(LL): 0.006 B 999 240</div> <div>VERT(CL): 0.006 B 999 180</div> <div>HORZ(LL): -0.100 B - -</div> <div>HORZ(TL): 0.100 B - -</div> <div>Creep Factor: 2.0</div> <div>Max TC CSI: 0.042</div> <div>Max BC CSI: 0.987</div> <div>Max Web CSI: 1.000</div> <div>VIEW Ver: 18.02.01A.0205.19</div> | <div>▲ Maximum Reactions (lbs)</div> <div>Gravity</div> <div>Non-Gravity</div> <table><tr><th>Loc</th><th>R+</th><th>/R-</th><th>/Rh</th><th>/Rw</th><th>/U</th><th>/RL</th></tr><tr><td>E 99</td><td>-</td><td>/21</td><td>/283</td><td>/266</td><td>/1264</td><td></td></tr><tr><td>D 99</td><td>-</td><td>/21</td><td>/349</td><td>/331</td><td>/1264</td><td></td></tr></table> <div>Wind reactions based on MWFRS</div> <div>E Brg Width = 3.5 Min Req = 3.5</div> <div>D Brg Width = 3.5 Min Req = 3.5</div> <div>Bearings E & D are a rigid surface.</div> <div>Members not listed have forces less than 375#</div> <div>Maximum Top Chord Forces Per Ply (lbs)</div> <div>Chords Tens.Comp.</div> <div>A - B 2529 -2531</div> | Loc | R+ | /R- | /Rh | /Rw | /U | /RL | E 99 | - | /21 | /283 | /266 | /1264 | | D 99 | - | /21 | /349 | /331 | /1264 | |
|--|---|--|---|------|-------|-----|-----|-----|----|-----|------|---|-----|------|------|-------|--|------|---|-----|------|------|-------|--|
| Loc | R+ | /R- | /Rh | /Rw | /U | /RL | | | | | | | | | | | | | | | | | | |
| E 99 | - | /21 | /283 | /266 | /1264 | | | | | | | | | | | | | | | | | | | |
| D 99 | - | /21 | /349 | /331 | /1264 | | | | | | | | | | | | | | | | | | | |

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.

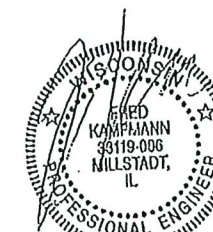
Loading

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 |

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 | 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 | | |



WI COA #2902-011

APPROVED FOR CONSTRUCTION
DATE _____ BY _____

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

****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 BCSI) for safety practices prior to performing these functions.

Bracing per BCSI: Unless noted otherwise, top chord bracing shall be provided in tension and bottom chord bracing shall provide tension. Liquid crystalline adhesive (LCA) shall be used 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 150A-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: alpine@itw.com](http://Alpine.itw.com); TPI: tpinet.org; SBCA: sbcindustry.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:
0417 NORTH 144TH AVE

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:
CHEAP TPI

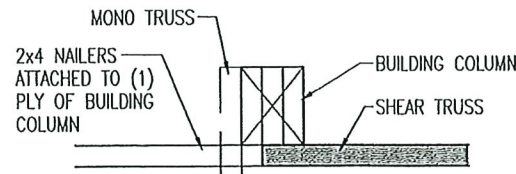
SHEAR TRUSS BRACING DETAILS "B"

PROJECT NUMBER:
2020104484

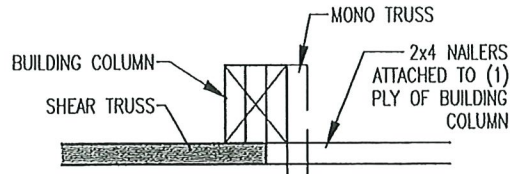
SHEET NUMBER:
151

SHEET SCALE: *NTS*

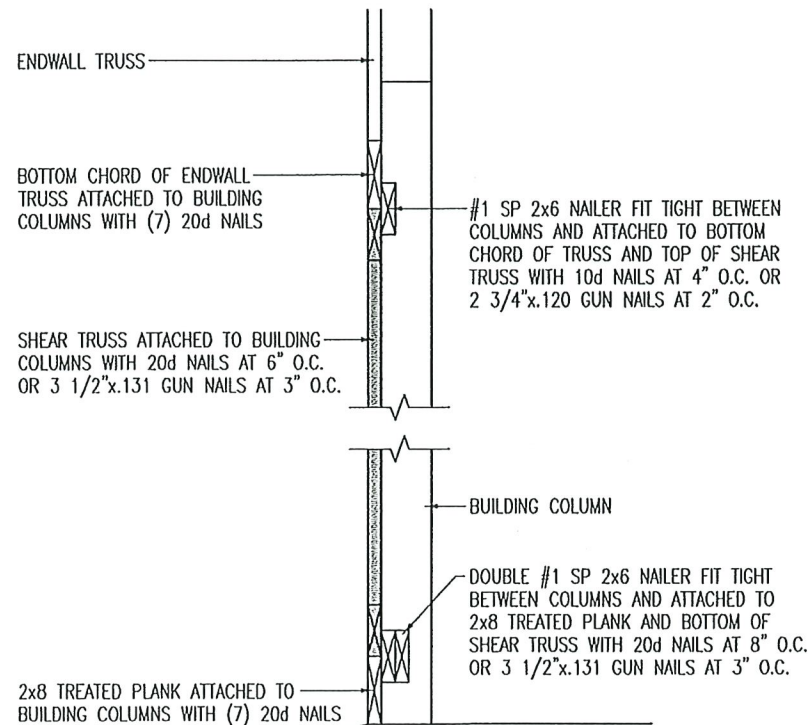
NOTE:
SHEET SCALE DESIGNED
FOR 24"x36" PAPER



**SHEAR TRUSS DETAIL
AT BUILDING COLUMN**



**SHEAR TRUSS DETAIL
AT BUILDING COLUMN**



ENDWALL SHEAR TRUSS SECTION

| | | | | |
|---------------------------|----------------|------------------|---|--|
| SEQN: 489573 FROM: MJS | FLAT Qty: 1 | Ply: 1 Qty: 1 | Job Number: 2020104484 Truss Label: SC10-1-8X18-4-8SHEAR2550 | Cust: R 7054 JRef: 1WYS70540003 T2099 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 HORIZ(LL): -0.099 B - - HORIZ(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) Gravity Non-Gravity Loc 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 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 |
|--|--|--|---|

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

PROFESSIONAL ENGINEER
FRED KJPMANN
33119-006
NILLSTADT, IL
WI COA #2902-011
09/18/2020

APPROVED FOR CONSTRUCTION
DATE 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 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

ALPINE
AN ITW COMPANY
514 Earth City Expressway
Suite 242
Earth City, Missouri 63045



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

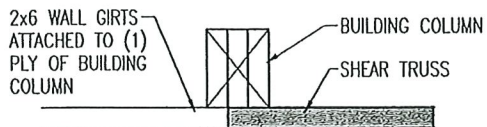
SHEET NAME:
SHEAR TRUSS BRACING DETAILS "C"

PROJECT NUMBER:
2020104484

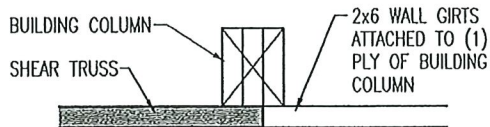
SHEET NUMBER:
152

SHEET SCALE: NTS

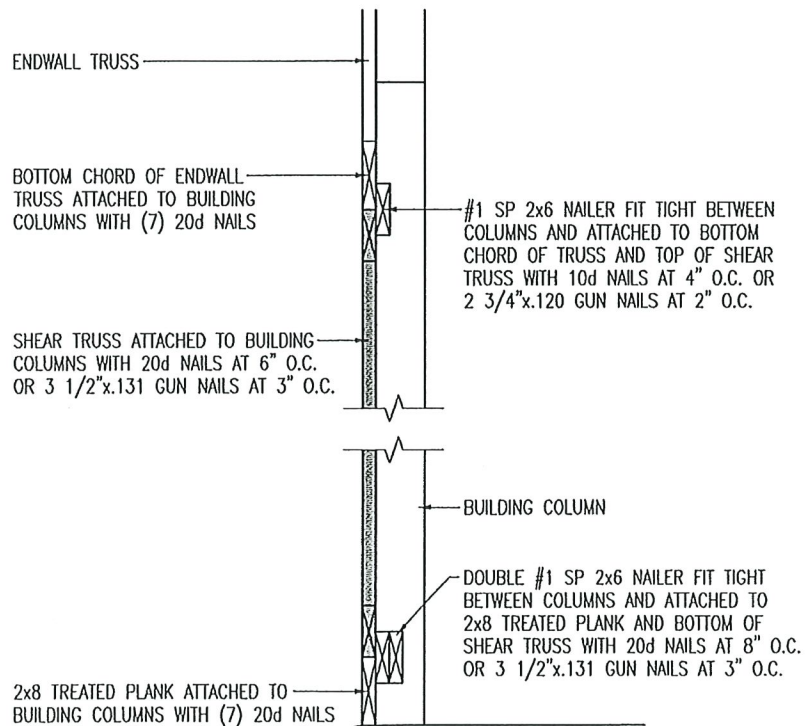
NOTE:
SHEET SCALE DESIGNED
FOR 24"x36" PAPER



SHEAR TRUSS DETAIL
AT BUILDING COLUMN

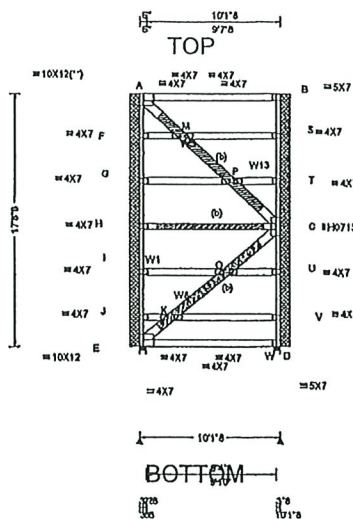


SHEAR TRUSS DETAIL
AT BUILDING COLUMN



ENDWALL SHEAR TRUSS SECTION

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 |
| TCCL: | 1.00 |
| BCCL: | 0.00 |
| BCCL: | 1.00 |
| Des Ld: | 3.00 |
| NCBCLL: | 20.00 |
| Soffit: | 2.00 |
| Load Duration: | 1.60 |
| Spacing: | 12.0" |

| Wind Criteria | |
|----------------------|------|
| Wind Std: | |
| Speed: | |
| Enclosure: | |
| Risk Category: | |
| EXP: | Kzt: |
| Mean Height: | |
| TCCL: | |
| BCCL: | |
| MWFRS Parallel Dist: | |
| C&C Dist a: | |
| Loc. from endwall: | |
| GCpl: | |
| Wind Duration: | |

| Snow Criteria (Pg,Pl in PSF) | |
|------------------------------|--------|
| Pg: NA | Ct: NA |
| Cat: 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/def 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 |

| Maximum Reactions (lbs) | |
|---|---------------------------|
| Loc R+ / R- | Non-Gravity / Rh / 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# | |
| Maximum Top Chord Forces Per Ply (lbs) | |
| Chords Tens.Comp. | |
| A - B | 2628 - 2631 |

| 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. | |

| 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 |
| A - M | 3499 - 3499 |
| E - J | 2374 - 2383 |
| E - K | 3380 - 3380 |
| F - G | 1649 - 1659 |
| G - H | 767 - 777 |
| H - I | 988 - 998 |
| I - J | 1871 - 1880 |
| K - O | 3397 - 3397 |
| M - P | 3515 - 3515 |
| O - C | 3410 - 3410 |
| P - C | 3529 - 3529 |
| C - U | 1955 - 1964 |
| S - T | 1601 - 1611 |
| S - B | 719 - 729 |
| T - C | 2484 - 2493 |
| U - V | 1072 - 1082 |

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.



APPROVED FOR CONSTRUCTION
DATE 10/20/2020 BY

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcinustry.com; ICC: iccsafe.org; AWC: awc.org



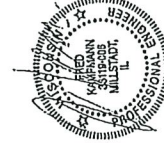
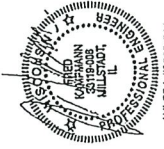
| | | |
|----------------------|------|----|
| DRAWN BY: ZIESE | | |
| DATE DRAWN: 6/9/2021 | | |
| PLAN REVISIONS: | | |
| NUMBER | DATE | BY |
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |

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 "D"

PROJECT NUMBER:
2020104484
SHEET NUMBER:
153
SHEET SCALE: NTS

NOTE:
SHEET SCALE DESIGNED
FOR 24"x36" PAPER



BY _____

SHEET SCALE DESIGNED
FOR 24"x36" PAPER

PROJECT NAME: DC ARTS
PROJECT SITE ADDRESS: 917 NORTH STURGEON
BUILDING SIZE: 40'-0" x 80'-0"
SHEET NAME: TRUSS DIAG

SHEET NUMBER:
170
SHEET SCALE: *NTS*

| NUMBER | DATE | BY |
|--------|------|----|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |



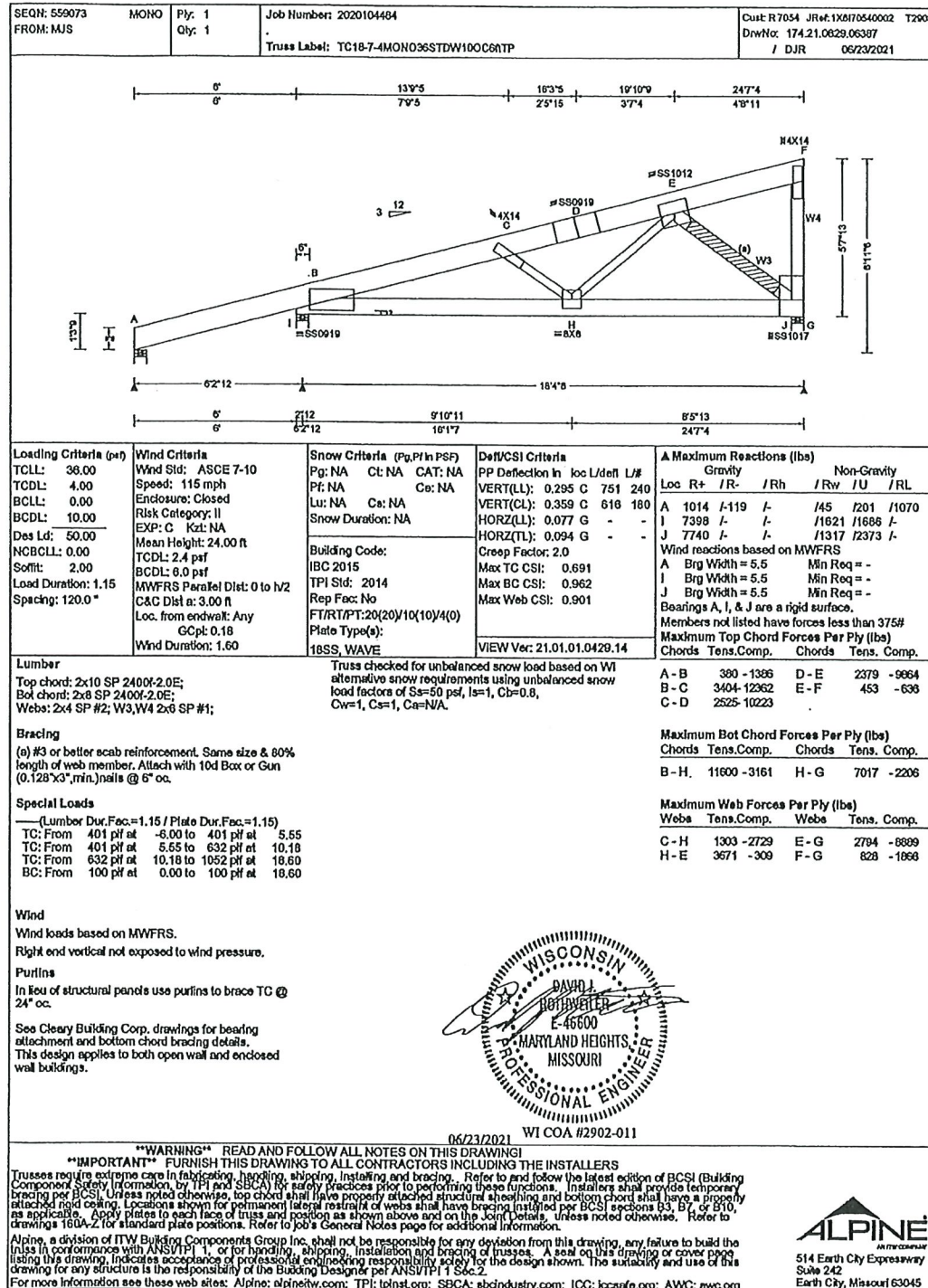
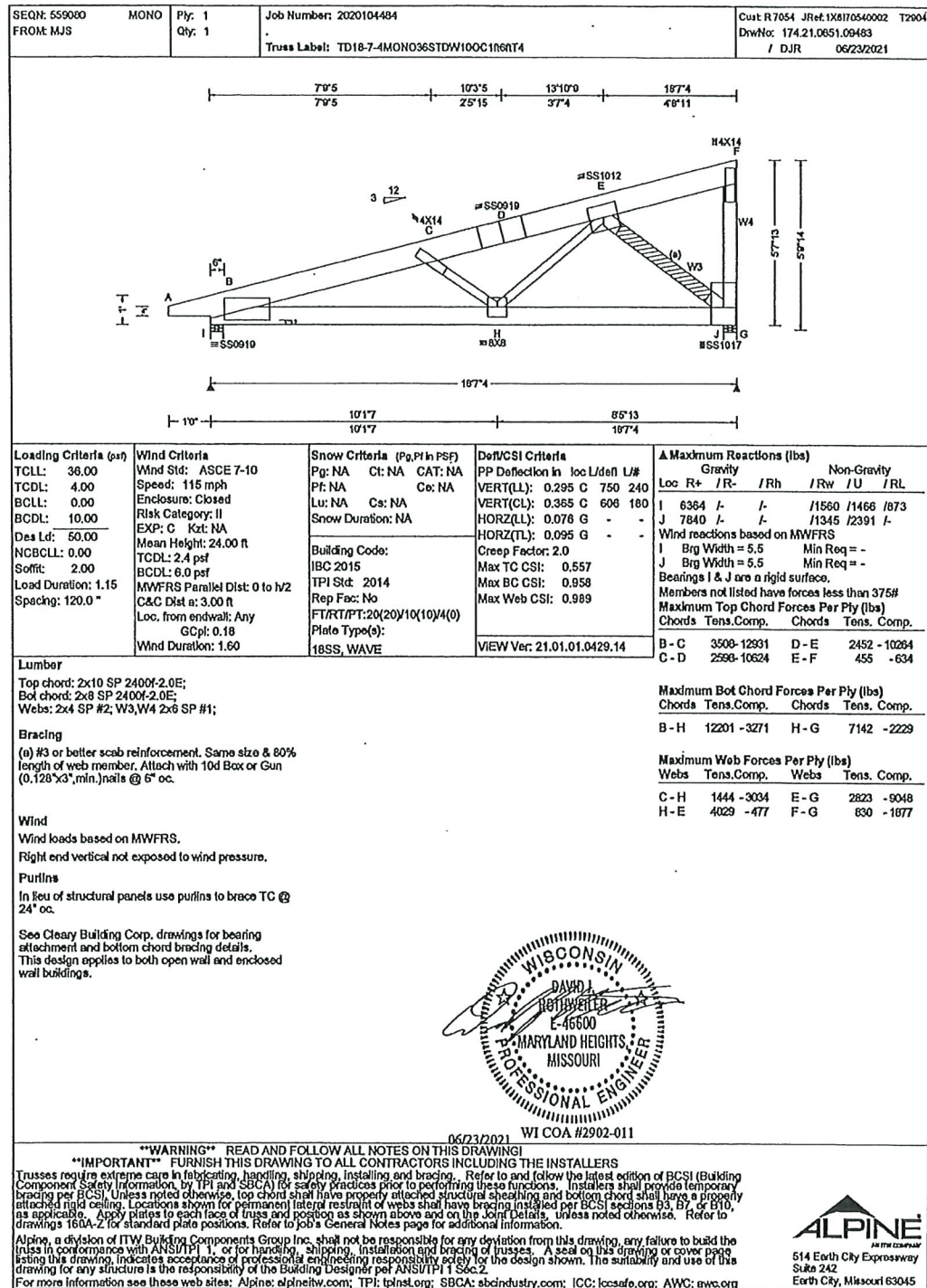
190 PAOLI STREET / P.O. BOX 930220
VERONA, NJ 07092 / (908) 272-5550

DRAWN BY: ZIESE

DATE DRAWN: 6/9/2021

PLAN REVISIONS:

| NUMBER | DATE | BY |
|--------|------|----|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |



APPROVED FOR CONSTRUCTION
DATE BY



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:
171

SHEET SCALE: NTS

NOTE:
SHEET SCALE DESIGNED
FOR 24"x36" PAPER