

GYMNASIUM BLEACHER REPLACEMENT FOR:
MENDON HIGH SCHOOL
MENDON C.U.S.D. #4

MENDON HIGH SCHOOL MENDON, ADAMS COUNTY, ILLINOIS

ADA COMPLIANCE:

THIS PROJECT SHALL BE IN COMPLIANCE WITH GUIDELINES OF THE
AMERICANS WITH DISABILITIES ACT (A.D.A.)

AMERICANS WITH DISABILITIES ACT (A.D.A.)

ARCHITECHNICS, INC., TO THE BEST OF ITS ABILITY, HAS EXERCISED
PROFESSIONAL EFFORTS TO INTERPRET THE INTENT OF THE
"AMERICANS WITH DISABILITIES ACT", AND OTHER APPLICABLE FEDERAL,
STATE AND LOCAL CODES AND REQUIREMENTS. ARCHITECHNICS, INC.
CANNOT GUARANTEE TOTAL COMPLIANCE WITH ANY WORK DIRECTLY
RELATED TO THE A.D.A., WHEN THE OWNER PERFORMS AND/OR
AUTHORIZES WORK USING THESE DOCUMENTS AND/OR DRAWINGS.

REFERENCED GENERAL NOTES:

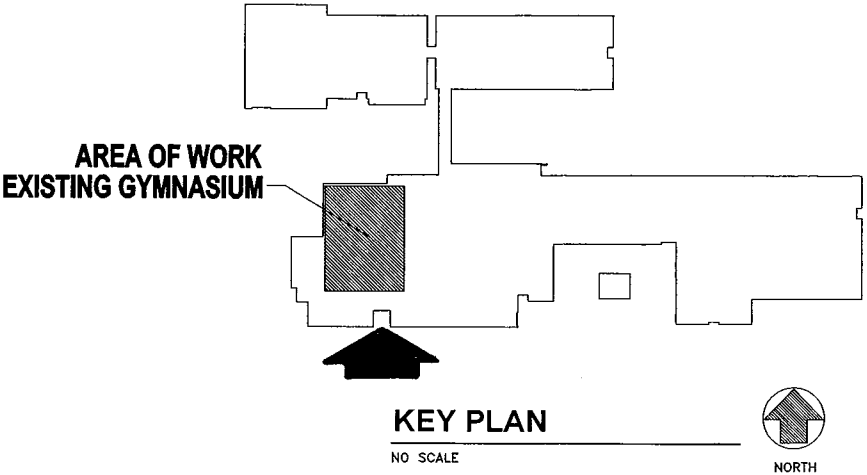
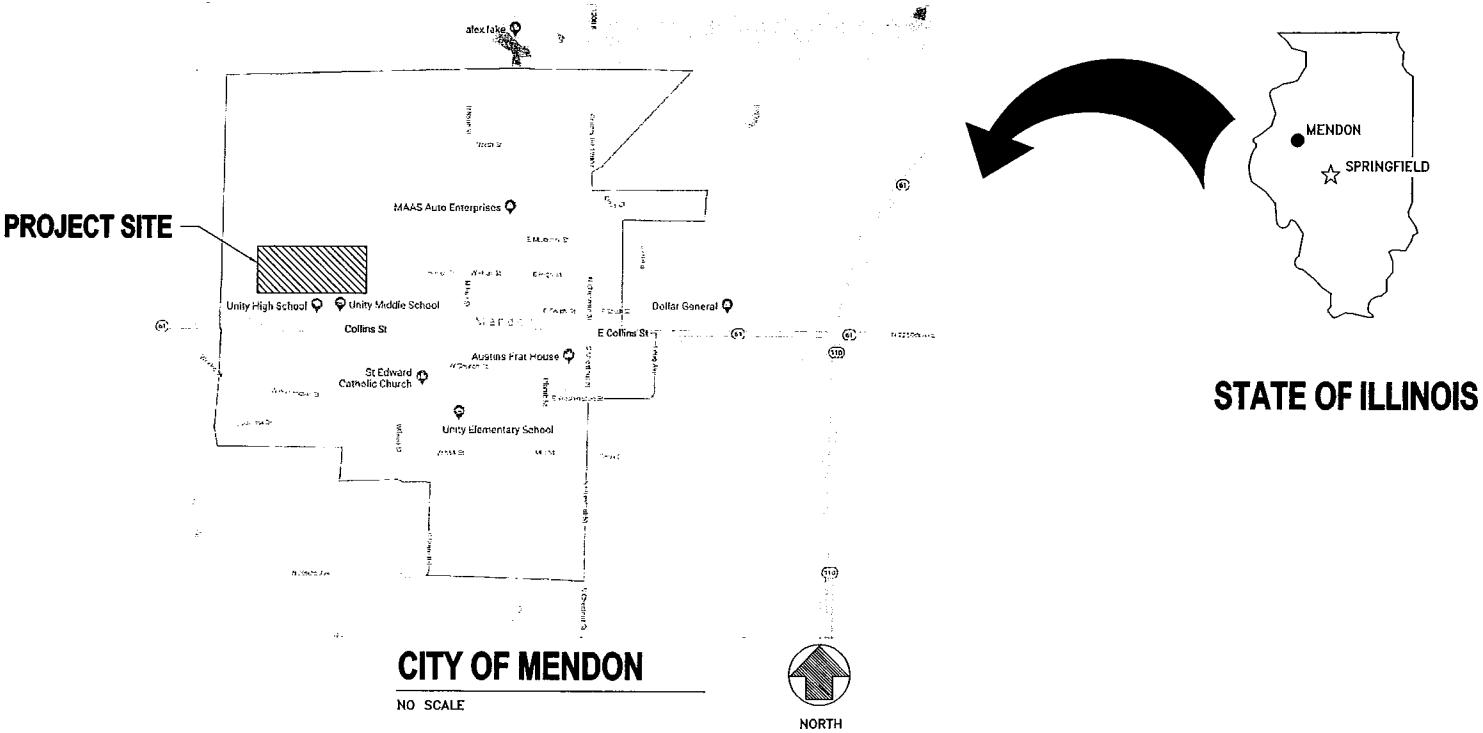
GENERAL NOTES ARE TYPICAL AND APPLY TO ALL AREAS THROUGHOUT BUILDING/ PRC

1. CONTRACTOR SHALL BE AWARE OF CONCEALED UTILITIES. DO NOT
INTERRUPT SERVICE TO THE BUILDING. IDENTIFICATION OF UTILITIES
AND / OR BUILDING SYSTEMS SHOULD NOT BE LIMITED TO THOSE
SHOWN ON THE DRAWINGS. IT IS THE RESPONSIBILITY OF THIS
CONTRACTOR TO LOCATE AND PROTECT ANY BUILDING UTILITY
SYSTEM THAT HE ENCOUNTERS. (TYPICAL)
2. EXISTING WINDOWS AND DOORS ARE TO REMAIN. TAKE PRECAUTIONS
TO PROTECT DURING CONSTRUCTION. (TYPICAL)
3. EXISTING FLOORING IS TO REMAIN. TAKE PRECAUTIONS TO PROTECT
DURING CONSTRUCTION. (TYPICAL)
4. ALTERNATE BIDS "A-1" AND "B-1" SHALL BE PRICED FOR MOTORIZED
OPERATION OF ALL BLEACHER REPLACEMENT SECTIONS

MATERIALS	
	PROPERTY CORNER
	EXISTING CONTOUR
	NEW CONTOUR
	EARTH
	CRUSHED ROCK
	CONCRETE
	FACE BRICK
	CONCRETE BLOCK
	PARTITION, SEE CODE
	DIMENSION LUMBER
	FINISH LUMBER
	GYPSUM WALLBOARD
	PLYWOOD
	BATT INSULATION
	METALS

INDEX OF DRAWINGS

- G1 COVER SHEET
- G2 BLEACHER PLAN / GYMNASIUM FLOOR PLAN
- A1 WEST WALL BLEACHER FLOOR PLAN
- A2 WEST WALL BLEACHER TYPICAL SECTION
- A3 WEST WALL BLEACHER FRONT ELEVATION
- A4 EAST WALL BLEACHER FLOOR PLAN
- A5 EAST WALL BLEACHER TYPICAL SECTION
- A6 EAST WALL BLEACHER FRONT ELEVATION



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architects • engineers • interior designers
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CURRENT DATE: 3/30/2019



LICENSE EXPIRES: 11/30/20

GYMNASIUM BLEACHER REPLACEMENT FOR:
MENDON HIGH SCHOOL
MENDON C.U.S.D. #4
MENDON, ADAMS COUNTY, ILLINOIS

CONSTRUCTION
DOCUMENT
PHASE

NOT FOR
CONSTRUCTION

ISSUE DATE: 3/30/2019

REVISIONS

PROJECT NUMBER: 5808

TITLE SHEET

DWG NO

G1

FIELD SUMMARY (REQUIRED WITH FIELD CHECK)

FLOOR CONSTRUCTION: WOOD

WALL CONSTRUCTION: CONCRETE BLOCK

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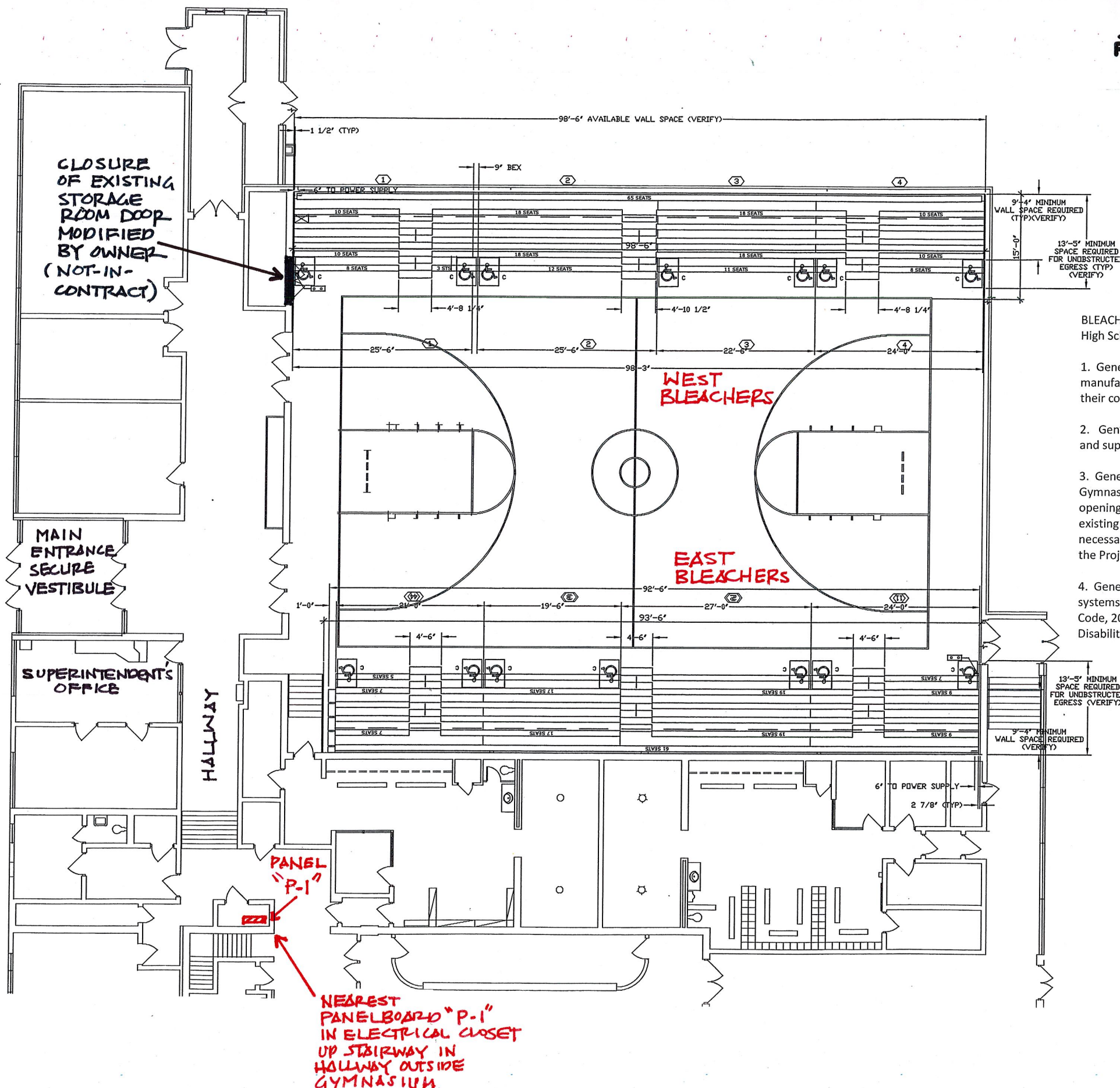
NO.	DESCRIPTION

PROJECT NUMBER: 5808

FLOOR PLAN

DWG. NO.

G2



BLEACHER GENERAL NOTES:

High School Gymnasium - Mendon CUSD #4

- General Contractor shall verify all dimensions and existing conditions, have prepared and provide manufacturer's shop drawing submittals, insure that all field checked intermediate dimensions equal their corresponding overall dimensions, and have sole responsibility for verification.
- General Contractor's bleacher supplier/manufacturer shall assume responsibility for manufacturing and supplying product based on previously prepared, submitted, and approved shop drawings.
- General Contractor shall observe and inspect the existing conditions of the Mendon High School Gymnasium and verify that all existing conditions (floor, walls, clear heights, clear widths, access and opening heights and widths into the Gymnasium) are acceptable for installation, and shall accept those existing conditions as part of his bid. Any and all required modifications to the existing Gymnasium necessary for acceptance shall be identified prior to the bid due date (prior to submitting a bid): contact the Project Architect, Anthony E. Crane, AIA, 217-222-0554 or 217-257-1195.
- General Contractor and bleacher supplier/manufacturer shall verify that the manufactured bleacher systems provided for this project meet or exceed all applicable building codes (International Building Code, 2015 and Illinois School Codes), including the most recent version of the Americans with Disabilities Act.

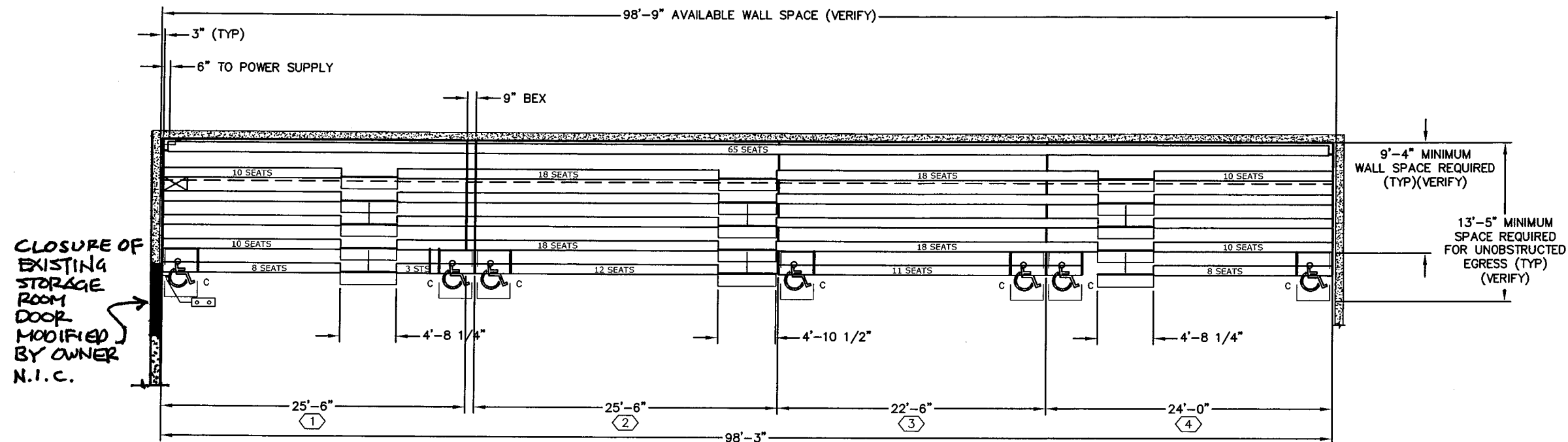
NOTE:

CONTRACTOR SHALL VERIFY AND
CONFIRM ALL LISTED DIMENSIONS
PRIOR TO FINAL SHOP DRAWING
PREPARATION.

BLEACHER PLAN /
GYMNASIUM FLOOR PLAN
SCALE: 1/16" = 1'-0"



NORTH



INTEGRAL POWER SUMMARY					
BANK LETTER	NO. OF MOTORS	PWR FRAME MODEL	CONTROL: PENDANT/KEY	POWER SUPPLY LOCATION	POWERED TIER
	4	PF1	PENDANT	6"	1

POWER SPECIFICATIONS	
POWER SUPPLY DETAIL: (STANDARD)	
ELECTRICAL SPECIFICATIONS:	
EACH MOTOR: 1/2HP, 120/208V, THREE PHASE, 1.25 SERVICE FACTOR REF. INTEGRAL POWER SUMMARY CHART FOR QUANTITIES. POWER SUPPLY: (SUPPLIED BY ELECTRICAL CONTRACTOR)(E.C.) 120/208 VOLTS, 20 AMPS, 3 PHASE, 4 CONDUCTORS + GROUND MAXIMUM ALLOWABLE FULL LOAD VOLTAGE DROP IS 4 %	

WEST WALL BLEACHER FLOOR PLAN

PLAN OF SEATING $\frac{3}{32} = 1'$

FLEX ROW SCHEDULE
2, 2, 2, 2, 2, 2, 2,

GROSS SEATS = 393
Net Seats = 345

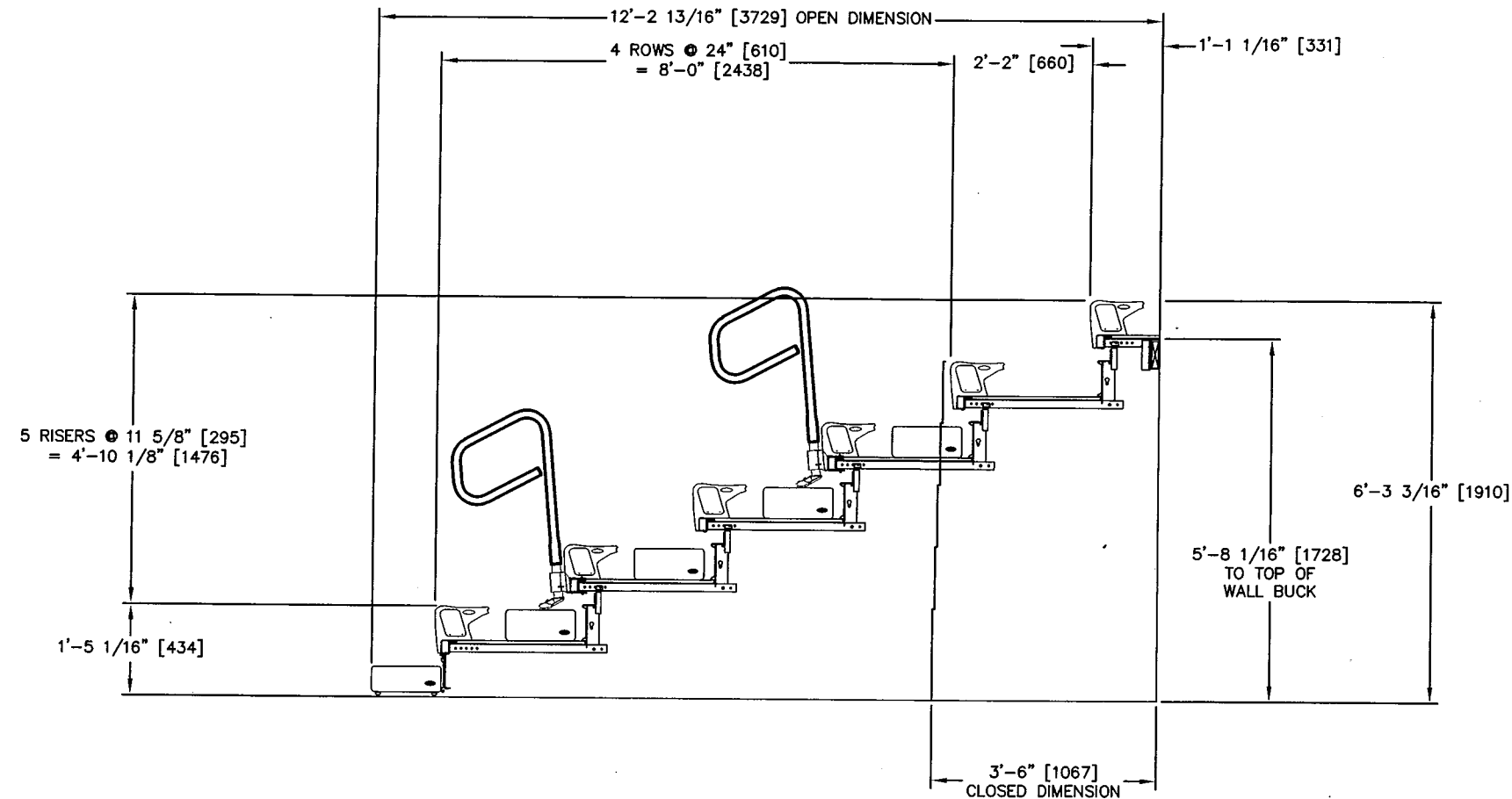


N.I.C. - NOT IN CONTRACT

- ☐ POWER SUPPLY (FLOOR MOUNTED)
- ☒ INDICATES CUT MODULE
- ☐ KEY SWITCH CONTROL (SEE DETAIL)
- [] = VALUE IN MILLIMETERS
- ☒ CONTOUR PLASTIC BACKREST
- ☒ HATCHWAY
- ☒ NON-USEABLE SEAT
- WOOD BACKREST
- "PFe" PENDANT CONTROL

LEGEND

- SELF STORING RAILED END (SEE DETAIL)
- INDICATES SECTION NUMBER FOR BANK
- FOOT LEVEL AISLE
- WHEELCHAIR ACCESS SPACE (36" W x 48" D)
- COMPANION SEAT (18" W)
- COMPANION SPACE (24" W)
- TELESCOPIC SEATING IN CLOSED POSITION
- POWER SUPPLY (WALL MOUNTED)
- PENDANT CONTROL
- END PANEL



BLEACHER GENERAL NOTES:
High School Gymnasium - Mendon CUSD #4

1. General Contractor shall verify all dimensions and existing conditions, have prepared and provide manufacturer's shop drawing submittals, insure that all field checked intermediate dimensions equal their corresponding overall dimensions, and have sole responsibility for verification.
2. General Contractor's bleacher supplier/manufacturer shall assume responsibility for manufacturing and supplying product based on previously prepared, submitted, and approved shop drawings.
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4. General Contractor and bleacher supplier/manufacturer shall verify that the manufactured bleacher systems provided for this project meet or exceed all applicable building codes (International Building Code, 2015 and Illinois School Codes), including the most recent version of the Americans with Disabilities Act.

WEST WALL BLEACHER TYPICAL SECTION

SECTION
3/8" = 1' 1 SC01

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MENDON C.U.S.D. #4

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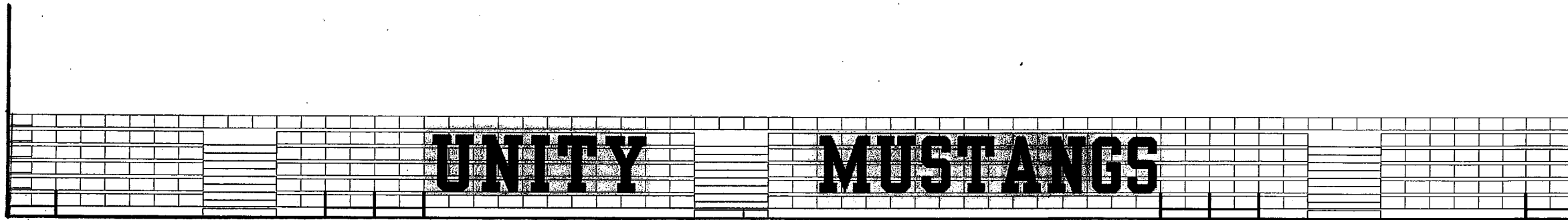
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**WEST WALL
BLEACHERS
TYPICAL
SECTION**

DWG. NO.

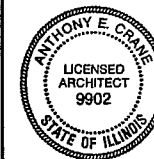
A2



WEST WALL BLEACHER
FRONT ELEVATION
 $\frac{1}{8}'' = 1'-0''$

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CONSTRUCTION
DOCUMENT
PHASE

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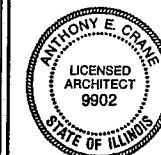
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WEST WALL
BLEACHERS
FRONT
ELEVATION

DWG. NO. **A3**



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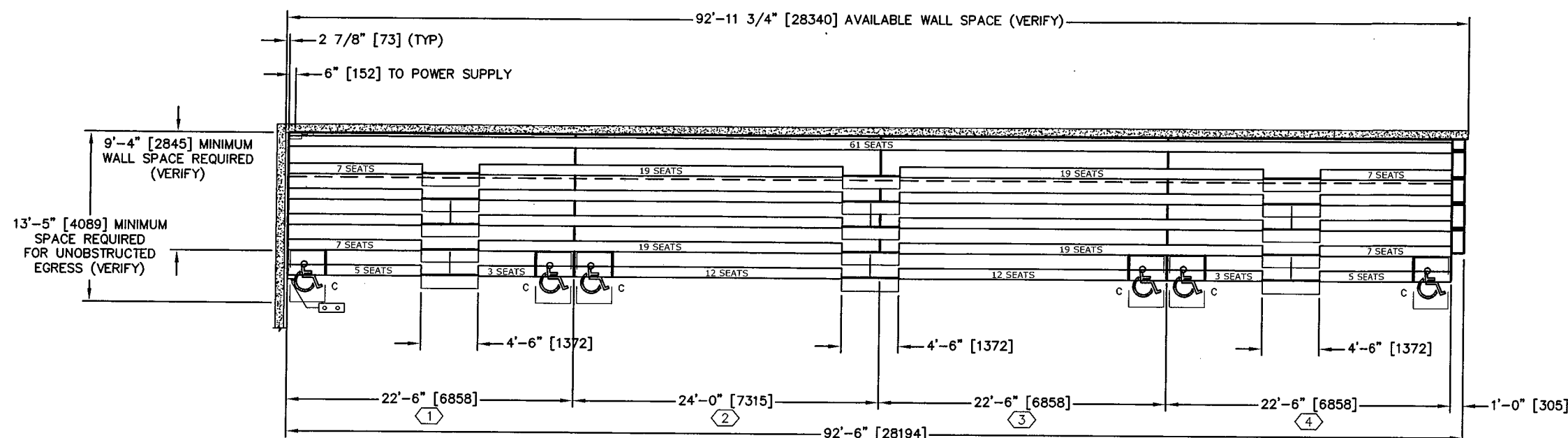
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EAST WALL
BLEACHER
FLOOR
PLAN

DWG. NO. _____

A4



EAST WALL BLEACHER FLOOR PLAN

PLAN OF SEATING
3/32" = 1'

FLEX ROW SCHEDULE
2, 2, 2, 2, 2, 2,

GROSS SEATS = 366
Net Seats = 321

INTEGRAL POWER SUMMARY

BANK LETTER	NO. OF MOTORS	PWR FRAME MODEL	CONTROL PENDANT/KEY	POWER SUPPLY LOCATION	POWERED TIER
93'-2"	4	PF1	PENDANT	6" [152]	1

POWER SPECIFICATIONS

POWER SUPPLY DETAIL: (STANDARD)

MANUAL LOCKING DISCONNECT
NON-FUSED (BY E.C.) SEATING POWER
SUPPLY (BY E.C.) SEE ELECTRICAL
SPECIFICATIONS

CONTROL BOX PROVIDED BY HSC
& TO BE 1'-6" [457] ABOVE
FLOOR. (CONNECTION BY E.C.)









ELECTRICAL SPECIFICATIONS:

EACH MOTOR: 1/2HP, 120/208V, THREE PHASE, 1.25 SERVICE FACTOR
REF. INTEGRAL POWER SUMMARY CHART FOR QUANTITIES.













POWER SUPPLY: (SUPPLIED BY ELECTRICAL CONTRACTOR)(E.C.)

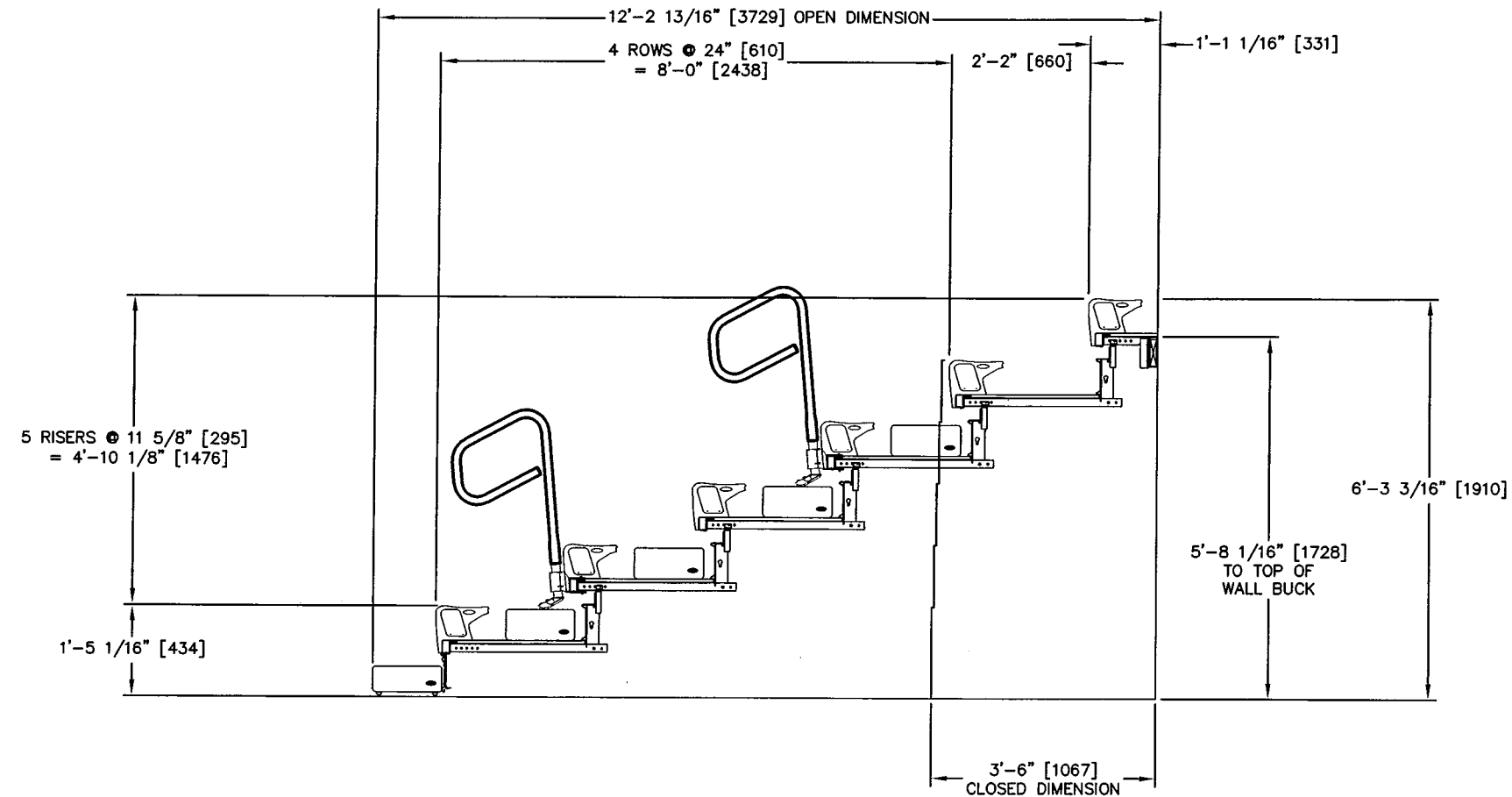
120/208 VOLTS, 20 AMPS, 3 PHASE, 4 CONDUCTORS + GROUND

MAXIMUM ALLOWABLE FULL LOAD VOLTAGE DROP IS 4 %

-  POWER SUPPLY (FLOOR MOUNTED) [] = VALUE IN MILLIMETERS  NON-USEABLE SEAT
 INDICATES CUT MODULE  CONTOUR PLASTIC BACKREST  WOOD BACKREST
 KEY SWITCH CONTROL (SEE DETAIL)  HATCHWAY  "PFE" PENDANT CONTROL

LEGEND

- | | | | | | |
|---|--|---|---|---|--|
|  | SELF STORING
RAILED END
(SEE DETAIL) |  | AISLE STEP |  | TELESCOPIC SEATING
IN CLOSED POSITION |
|  | INDICATES SECTION
NUMBER FOR BANK |  | WHEELCHAIR
ACCESS SPACE
(36" W x 48" D) |  | POWER SUPPLY
(WALL MOUNTED) |
|  | FOOT LEVEL
AISLE |  | COMPANION
SEAT (18" W) |  | PENDANT CONTROL |
|  | AISLE HAND
RAIL |  | COMPANION
SPACE (24" W) |  | END PANEL |



BLEACHER GENERAL NOTES:
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**EAST WALL BLEACHER
TYPICAL SECTION**

SECTION 1
3/8" = 1' SC01

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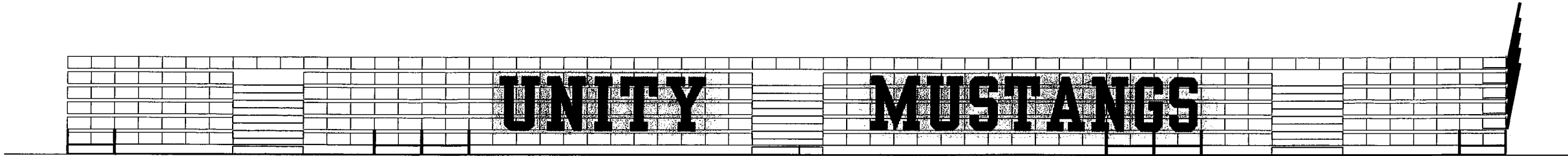
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**EAST WALL
BLEACHER
TYPICAL
SECTION**

DWG. NO. **A5**



EAST WALL BLEACHER
FRONT ELEVATION
1/8" = 1'-0"

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CURRENT DATE: 3/30/2019

ANTHONY E. CHALK
LICENSED ARCHITECT
9902
STATE OF ILLINOIS

LICENSE EXPIRES: 11/30/20

GYMNASIUM BLEACHER REPLACEMENT FOR:
MENDON HIGH SCHOOL
MENDON C.U.S.D. #4
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CONSTRUCTION DOCUMENT PHASE

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EAST WALL BLEACHER FRONT ELEVATION

DWG. NO. **A6**