RENOVATIONS

J.P. MCCASKEY STADIUM PROJECTS

SCHOOL DISTRICT OF LANCASTER

SYMBOLS

SECTION TAG — 1 / A3.2 — DETAIL NUMBER, SHEET NUMBER

INTERIOR ELEVATION — 5, 8, A8.8, 6, 7 — ELEVATION NUMBER, SHEET NUMBER

EXTERIOR ELEVATION — A2.8, 6 — ELEVATION NUMBER, SHEET NUMBER

DETAIL TAG — 1 / A8.8

PARTITION/BULKHEAD TAG — P3 — (REFER TO A1.0 FOR TYPES)

ROOM TAG — OFFICE — ROOM NAME; B130 — ROOM NUMBER

CASEWORK TAG — 1235 — BASIS OF DESIGN MODEL NUMBER (CUSTOM/MODIFIED CABINETS HAVE "M" SUFFIX); 3634 — CABINET NOMINAL HEIGHT, CABINET WIDTH

WINDOW TAG — W13

CURTAIN WALL TAG — CW13

STOREFRONT TAG — AL13

INTERIOR WINDOW TAG — IW13

DOOR TAG — D336A-1

ROOF TAG — A

NEW DOOR / **EXISTING DOOR**

EXISTING COL. LINE — 1 — OCTAGON, ITALIC TEXT

NEW COL. LINE — 1 — CIRCLE, STANDARD TEXT

HATCH PATTERNS

METAL STUD	BATT INSUL.	CMU	FINISHED WOOD
RIGID INSULATION	CONCRETE	GRAVEL	STEEL
BRICK	ROUGH WOOD	EARTH	PLYWOOD

ABBREVIATIONS

(NOT ALL ABBREVIATIONS APPEAR IN PROJECT)

&	AND
@	AT
AB	ANCHOR BOLT
AC	AIR CONDITIONING
ACC	ACCESSIBLE
ACM	ALUMINUM COMPOSITE MATERIAL
ACOUST	ACOUSTICAL
ACT	ACOUSTIC CEILING TILE
AD	AREA DRAIN
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AGG	AFTER GENERAL GRADIING
AGGR	AGGREGATE
ALT	ALTERNATE
ALUM	ALUMINUM
ANOD	ANODIZED
APC	ACOUSTICAL PANEL CEILING
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
ASPH	ASPHALT
ATTN	ATTENTION
AUTO	AUTOMATIC
AV	AUDIOVISUAL
BD	BOARD
BIT	BITUMINOUS
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BO	BOTTOM OF
BOT	BOTTOM
BRG	BEARING
BRK	BRICK
BRKT	BRACKET
BSMNT	BASEMENT
C	CHANNEL
CAB	CABINET
CAT	CATEGORY
CB	CATCH BASIN
CB	CEMENT BOARD
CBU	CEMENTITIOUS BACKER UNIT
CC	CENTER TO CENTER
CCTV	CLOSED CIRCUIT TELEVISION
CEM	CEMENT
CER	CERAMIC
CG	CORNER GUARD
CH	CHILLER
CI	CAST IRON
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
COND	CONDITION
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CORR	CORRIDOR
CPT	CARPET
CT	CERAMIC TILE
CTR	CENTER
CTSK	COUNTERSUNK
CW	COLD WATER
D	DEEP, DEPTH
DBL	DOUBLE
DEG	DEGREE
DEMO	DEMOLISH OR DEMOLITION
DEMO	DEMOLITION
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIFF	DIFFUSER
DIM	DIMENSION
DIMS	DIMENSIONS
DISP	DISPENSER
DIV	DIVISION
DMPF	DAMP PROOFING
DN	DOWN
DO	DOOR OPENING
DR	DOOR
DRN	DRAIN
DS	DOWNSPOUT
DS	DOWN SPOUT
DTL	DETAIL
DW	DISHWASHER
DWG	DRAWING
DWR	DRAWER
CMU	CONCRETE MASONRY UNIT
E	EAST
EA	EACH
EB	EXPANSION BOLT

EC	ELECTRICAL CONTRACT(OR)
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
ENCL	ENCLOSURE
ENG	ENGINEER
EP	ELECTRICAL PANEL
EPDM	ETHYLENE PROPYLENE DIENE M-CLASS
EQ	EQUAL
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FA	FIRE ALARM
FB	FACE BRICK
FD	FLOOR DRAIN
FD	FLOOR DRAIN OR FIRE DEPARTMENT
FDC	FIRE DEPARTMENT CONNECTION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF&E	FURNITURE, FIXTURES AND EQUIPMENT
FFB	FLUSH FLOOR BOX
FFEL	FINISH FLOOR ELEVATION
FH	FLAT HEAD
FHC	FIRE HOSE CABINET
FIN	FINISH
FIXT	FIXTURE
FLASH	FLASHING
FLR	FLOOR
FLUOR	FLUORESCENT
FND	FOUNDATION
FO	FACE OF
FP	FIRE PROTECTION
FPG	FIREPROOFING
FR	FIRE RESISTANT
FRC	FIBER REINFORCED CONCRETE
FRP	FIBER REINFORCED PLASTIC
FRT	FIRE RETARDANT TREATED
FT	FEET/FOOT
FTG	FOOTING
FURN	FURNITURE
FURR	FURRING
FWC	FABRIC WALL COVERING
FWP	FABRIC WRAPPED PANEL
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACT(OR)
GEN	GENERAL
GFRC	GLASS FIBER REINFORCED CONCRETE
GFRG	GLASS FIBER REINFORCED GYPSUM
GL	GLASS
GLAZ	GLAZING
GRAN	GRANULAR
GRD	GROUND
GSM	GALVANIZED SHEET METAL
GV	GAS VALVE
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
H	HIGH/HEIGHT
HB	HOSE BIB
HB	HOSE BIBB
HC	HANDICAPPED
HDWD	HARDWOOD
HDWR	HARDWARE
HGT	HEIGHT
HM	HOLLOW METAL
HNDRL	HANDRAIL
HO	HOLD OPEN
HORIZ	HORIZONTAL
HR	HOUR
HRC	HOSE REEL CABINET
HTG	HEATING
HVAC	HEATING VENTILATION AND AIR CONDITIONING
HW	HOT WATER
ID	INSIDE DIAMETER
IN	INCH/INCHES
INCAND	INCANDESCENT
INCL	INCLUDED/INCLUDING
INFO	INFORMATION
INSUL	INSULATION
INSUL	INSULATED OR INSULATION
INT	INTERIOR
INTERM	INTERMEDIATE
INV	INVERT
JAN	JANITOR
JC	JANITOR'S CLOSET
JST	JOIST
JT	JOINT

KIT	KITCHEN
KO	KNOCK OUT
LAM	LAMINATE
LAV	LAVATORY
LB	POUNDS
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LT	LIGHT
MAS	MASONRY
MAX	MAXIMUM
MECH	MECHANICAL
MED	MEDIUM
MEMBR	MEMBRANE
MFR	MANUFACTURER
MH	MAN HOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MR	MOISTURE RESISTANT
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MULL	MULLION
N	NORTH
NA	NOT APPLICABLE
NC	NOISE CRITERIA
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NON COMB	NON COMBUSTIBLE
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OC	ON CENTER
OD	OUTSIDE DIAMETER
OD	OVERFLOW DRAIN
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFF	OFFICE
OFOI	OWNER FURNISHED, OWNER INSTALLED
OH	OVERHEAD
OPNG	OPENING
OPP	OPPOSITE
ORD	OVERFLOW ROOF DRAIN
P	PAINT
PAV	PAVING
PBD	PARTICLE BOARD
PC	PRECAST OR PLUMNG CONTRACT(OR)
PDF	POWER DRIVEN FASTENER
PERF	PERFORATED
PERIM	PERIMETER
PERP	PERPENDICULAR
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLBG	PLUMBING
PLF	POUNDS PER LINEAR FOOT
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT OR PAINTED
POL	POLISHED
PR	PAIR
PREFAB	PREFABRICATED
PROJ	PROJECT
PSF	POUNDS PER SQUARE FOOT
PT	POINT
PT	PRESSURE TREATED
PTD	PAINTED
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
QT	QUARRY TILE
QTY	QUANTITY
R	RADIUS/RISER
RA	RETURN AIR
RAD	RADIUS
RB	RESILIENT BASE
RBR	RUBBER
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REC	RECESSED
RECOM	RECOMMENDED
RECPT	RECEPTACLE
REF	REFERENCE
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCED REINFORCING
REINF	REINFORCED
REL	RELOCATE
REM	REMOVABLE
REQ	REQUIRE/REQUIRED
REQD	REQUIRED
RESIL	RESILIENT
REV	REVISION/REVISED
RM	ROOM
RO	ROUGH OPENING
RTD	RATED
RTG	RATING
RWL	RAIN WATER LEADER
S	SOUTH

SA	SUPPLY AIR
SAF	SELF ADHERED FLASHING
SC	SOLID CORE
SCHED	SCHEDULE
SD	STORM DRAIN
SECT	SECTION
SF	SQUARE FEET/FOOT
SH	SPRINKLER HEAD
SHR	SHOWER
SHT	SHEET
SIM	SIMILAR
SM	SHEET METAL
SM	SURFACE MOUNTED
SP	STANDPIPE
SPEC	SPECIFICATION
SPEC	SPECIFIED OR SPECIFICATION
SPK	SPRINKLER OR SPEAKER
SPKR	SPEAKER
SQ	SQUARE
SS	STAINLESS STEEL
SSK	SERVICE SINK
STA	STATION
STC	SOUND TRANSMISSION COEFFICIENT
STL	STEEL
STOR	STORAGE
STRG	STRINGER
STRUCT	STRUCTURAL
STRUCT	STRUCTURE OR STRUCTURAL
SUBCAT	SUBCATEGORY
SUSP	SUSPENDED
SYM	SYMMETRICAL
SYS	SYSTEM
T	TREAD
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TB	TOWEL BAR
TEL	TELEPHONE/TELECOM
TELE	TELEPHONE
TEMP	TEMPERATURE
TEMP	TEMPORARY
THK	THICKNESS
THRU	THROUGH
TKBD	TACK BOARD
TLT	TOILET
TMPD	TEMPERED
TO	TOP OF
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL
TS	TUBE STEEL
TV	TELEVISION
TYP	TYPICAL
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UON	UNLESS OTHERWISE NOTED
URNL	URINAL
VAC	VENTILATION AND AIR CONDITIONING
VAR	VARIES
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VP	VISION PANEL
VR	VAPOR RETARDER
VT	VINYL TILE
VWC	VINYL WALL COVERING
W	WIDE/WEST
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD
WIN	WINDOW
WM	WIRE MESH
WP	WATERPROOF/WATERPROOFING
WPM	WATERPROOF MEMBRANE
WS	WEATHER-STRIPPING
WSCT	WAINSCOT
WT	WEIGHT
WV	WATER VALVE
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH

ARCHITECTURAL

CS1 COVER SHEET
A0.1 CODE ANALYSIS & NOTES
A0.2 CODE ANALYSIS & NOTES
A0.3 CODE ANALYSIS & NOTES
A0.4 LIFE SAFETY PLANS - BLEACHERS
A0.5 LIFE SAFETY FLOOR PLANS
A0.6 ADA / UL DETAILS
A0.7 PHASING PLANS
AD1.1 BLEACHER DEMOLITION PLANS
AD1.2 FIRST FLOOR DEMOLITION PLANS
AD1.3 SECOND FLOOR DEMOLITION PLAN
A1.1 BLEACHER PLANS
A1.2 FIRST FLOOR PLANS
A1.3 SECOND FLOOR PLAN
A2.1 VISITOR EXTERIOR ELEVATIONS
A2.2 HOME EXTERIOR ELEVATIONS
A3.1 BUILDING SECTIONS
A3.2 BUILDING SECTIONS
A6.1 FIRST FLOOR REFLECTED CEILING PLANS
A6.2 SECOND FLOOR REFLECTED CEILING PLAN
A7.1 VERTICAL CIRCULATION
A7.2 VERTICAL CIRCULATION
A8.1 ENLARGED PLANS & INTERIOR ELEVATIONS
A8.2 ENLARGED PLANS & INTERIOR ELEVATIONS
A8.3 ENLARGED PLANS & INTERIOR ELEVATIONS
A8.4 ENLARGED PLANS & INTERIOR ELEVATIONS
A8.5 ENLARGED PLANS & INTERIOR ELEVATIONS
A8.6 ENLARGED PLANS & INTERIOR ELEVATIONS
A8.7 ENLARGED PLANS & INTERIOR ELEVATIONS
A8.8 ENLARGED PLANS & INTERIOR ELEVATIONS
A8.9 ENLARGED PLAN & ACCESSIBILITY DETAILS
A8.10 INTERIOR ELEVATIONS
A8.11 ENLARGED PLANS & INTERIOR ELEVATIONS
A9.1 DOOR & WINDOW SCHEDULES & TYPES
A10.1 FINISH SCHEDULE
A10.2 FIRST FLOOR FINISH PLANS
A11.1 CONCESSION STAND FLOOR PLANS

FOOD SERVICE

FS-1.0 FOODSERVICE EQUIPMENT PLAN & SCHEDULE
FS-1.1 FOODSERVICE ELECTRICAL PLAN & SCHEDULE
FS-1.2 FOODSERVICE PLUMBING PLAN & SCHEDULE
FS-2.0 FOODSERVICE EXHAUST HOOD DETAILS

STRUCTURAL

S-0.0 GENERAL STRUCTURAL NOTES
S-0.1 GENERAL STRUCTURAL NOTES & SCHEDULES
S-0.2 SCHEDULE OF SPECIAL INSPECTIONS
S-1.0 AREA A - FOUNDATION PLAN
S-1.1 AREA B - FOUNDATION PLAN
S-1.2 AREA C - FOUNDATION PLAN
S-1.3 AREA A - SECOND FLOOR & LOW ROOF FRAMING PLAN
S-1.4 AREA B - SECOND FLOOR FRAMING PLAN
S-1.5 AREA C - LOW ROOF FRAMING PLAN
S-1.6 AREA C - HIGH ROOF FRAMING PLAN
S-1.7 AREA A & B - MEZZANINE FRAMING PLAN
S-1.8 AREA A & B - ROOF FRAMING PLAN
S-1.9 SECTIONS & DETAILS
S-2.0 TYPICAL DETAILS
S-2.1 TYPICAL DETAILS
S-2.2 TYPICAL DETAILS

MECHANICAL

H0.1 HVAC SYMBOLS
H1.1 FIRST FLOOR PLANS - HVAC DEMOLITION
H2.1 FIRST FLOOR PLANS - HVAC
H2.2 SECOND FLOOR PLAN - HVAC
H2.3 BLEACHER PLANS - HVAC
H3.1 FIRST FLOOR PLANS - HW PIPING
H3.2 SECOND FLOOR PLAN - HW PIPING
H4.1 HVAC SCHEDULES
H4.2 HVAC DETAILS
H4.3 HVAC SECTIONS
H5.1 CONCESSION STAND PLANS - HVAC

PLUMBING

P0.1 PLUMBING SCHEDULES AND NOTES
P1.1 FIRST FLOOR PLANS - PLUMBING DEMOLITION
P1.2 SECOND FLOOR PLAN - PLUMBING DEMOLITION
P2.1 FIRST FLOOR PLANS - PLUMBING
P2.2 SECOND FLOOR PLAN - PLUMBING
P3.1 ENLARGED PLUMBING PLANS
P3.2 ENLARGED PLUMBING PLANS
P3.3 ENLARGED PLUMBING PLANS
P4.1 PLUMBING DETAILS
P4.2 PLUMBING DETAILS
P5.1 CONCESSION STAND PLANS - PLUMBING

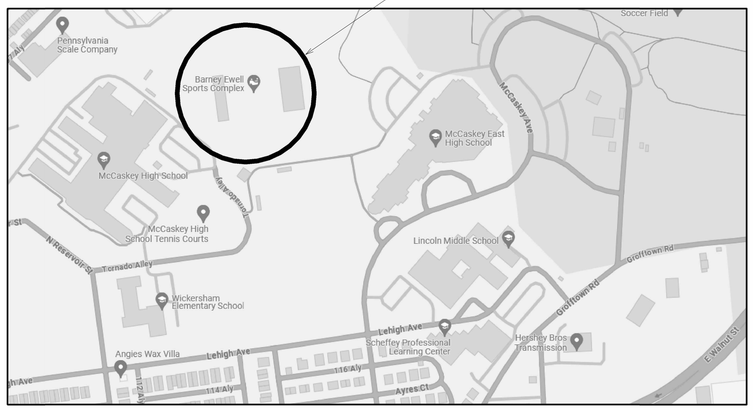
ELECTRICAL

E0.1 ELECTRICAL SYMBOLS
E1.1 SITE PLAN - ELECTRICAL DEMOLITION
E1.2 SITE PLAN - ELECTRICAL
E1.3 SITE PLAN - LIGHTING
E1.4 SITE PLAN - ATHLETIC LIGHTING
E2.1 FIRST FLOOR PLANS - ELECTRICAL DEMOLITION
E2.2 SECOND FLOOR PLAN - ELECTRICAL DEMOLITION
E2.3 BLEACHER PLANS - ELECTRICALDEMOLITION
E3.1 FIRST FLOOR PLANS - LIGHTING
E3.2 SECOND FLOOR PLAN - LIGHTING
E3.3 BLEACHER PLANS - LIGHTING
E4.1 FIRST FLOOR PLANS - POWER
E4.2 SECOND FLOOR PLANS - POWER
E4.3 BLEACHER PLANS - POWER
E5.1 FIRST FLOOR PLANS - SYSTEMS
E5.2 SECOND FLOOR PLAN - SYSTEMS
E5.3 BLEACHER PLANS - SYSTEM
E6.1 CONCESSION STAND PLAN - ELECTRICAL
E7.1 POWER RISER DIAGRAM
E7.2 TELECOMMUNICATIONS RISER DIAGRAM
E8.1 ELECTRICAL DETAILS
E8.2 ELECTRICAL DETAILS

REFERENCE DRAWINGS

CIVIL DRAWINGS - GRADING PLAN - FOR REFERENCE ONLY
CIVIL DRAWINGS - EXISTING CONDITIONS / DEMOLITION PLAN - FOR REFERENCE ONLY
CIVIL DRAWINGS - LAYOUT PLAN - FOR REFERENCE ONLY
PRESS BOX - NOTES, CROSS SECTION - FOR REFERENCE ONLY
PRESS BOX - FLOOR, ELEC., ELEVATIONS - FOR REFERENCE ONLY

SITE LOCATION



MAROTTA/MAIN ARCHITECTS
WWW.MAROTTAMAIN.COM

SEAL:

THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND IS NOT TO BE USED IN ANY FORM WITHOUT WRITTEN PERMISSION

CONSULTANT:

RENOVATIONS
J.P. MCCASKEY STADIUM PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES
DATE: 01/06/2025
DESCRIPTION: BID DOCUMENTS

PROJ # : 24-SDL-03 DRAWN BY : SAB

SHEET TITLE:

COVER SHEET

SHEET NUMBER:

CS1

BID DOCUMENTS

1/6/2025 9:20:58 PM

BUILDING CODE ANALYSIS:

PENNSYLVANIA UNIFORM CONSTRUCTION CODE (UCC):
INTERNATIONAL BUILDING CODE - 2018
INTERNATIONAL BUILDING CODE - 2018 CHAPTER 11
INTERNATIONAL FIRE CODE - 2018
INTERNATIONAL PLUMBING CODE - 2018
INTERNATIONAL ENERGY CONSERVATION CODE - 2018
INTERNATIONAL MECHANICAL CODE - 2018
ICC A117.1 - 2009 ACCESSIBILITY CODE

03. USE AND OCCUPANCY CLASSIFICATION

303 ASSEMBLY GROUP A
ASSEMBLY A-3 (INTERIOR SPACES)
ASSEMBLY A-5 (BLEACHERS)

311 STORAGE GROUP S
STORAGE S-2 (LOW HAZARD)

04. GENERAL BUILDING HEIGHTS AND AREAS

TABLE 504.3 & 504.4 & 506.2 ALLOWABLE BUILDING HEIGHTS AND AREAS

HOME BLEACHERS:
GROUP: A
TYPE OF CONSTRUCTION: TYPE IIB
HEIGHT LIMITATION: 2 STORIES, 55 FEET
AREA LIMITATION: 9,500 SF PER STORY

AWAY BLEACHERS:
GROUP: A
TYPE OF CONSTRUCTION: TYPE IIB
HEIGHT LIMITATION: 2 STORIES, 55 FEET
AREA LIMITATION: 9,500 SF PER STORY

ACTUAL BUILDING SIZE:

HOME BLEACHERS:
GROUP: A
HEIGHT: 51 FEET
STORIES: 2
FIRST FLOOR SQUARE FOOTAGE: 8,760 SF
SECOND FLOOR SQUARE FOOTAGE: 3,900 SF

AWAY BLEACHERS:
GROUP: A
HEIGHT: 33 FEET
STORIES: 1
FIRST FLOOR SQUARE FOOTAGE: 5,500 SF

TABLE 508.4 REQUIRED SEPARATION OF OCCUPANCIES
A,S2 *NS* - 1 HOUR SEPARATION REQUIRED
S - NO SEPARATION REQUIRED

05. TYPES OF CONSTRUCTION

602 CONSTRUCTION CLASSIFICATION

602.2 TYPES I AND II. TYPES I AND II CONSTRUCTION ARE THOSE TYPES OF CONSTRUCTION IN WHICH THE BUILDING ELEMENTS LISTED IN TABLE 601 ARE OF NONCOMBUSTIBLE MATERIALS, EXCEPT AS PERMITTED IN SECTION 603 AND ELSEWHERE IN THIS CODE.

TABLE 601 FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)

BUILDING ELEMENT	TYPE
PRIMARY STRUCTURAL FRAME	IIB
BEARING WALLS	
EXTERIOR	0
INTERIOR	0
NONBEARING WALLS AND PARTITIONS	
EXTERIOR	0
INTERIOR	0
FLOOR CONSTRUCTION AND SECONDARY MEMBERS	0
ROOF CONSTRUCTION AND SECONDARY MEMBERS	0

TABLE 602 FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE

FIRE SEPARATION DISTANCE = X (FEET)	TYPE OF CONSTRUCTION	OCCUPANCY GROUP A, B, E, F-2, I, R, S-2, U
X < 5[c]	ALL	1
5 ≤ X < 10	OTHERS	1
10 ≤ X < 30	IIB, VB,	0
X ≥ 30	**ALL**	**0**

06. FIRE AND SMOKE PROTECTION FEATURES

705 EXTERIOR WALLS

705.5 FIRE-RESISTANCE RATINGS. EXTERIOR WALLS SHALL BE FIRE-RESISTANCE RATED IN ACCORDANCE WITH TABLES 601 AND 602 AND THIS SECTION. THE REQUIRED FIRE-RESISTANCE RATING OF EXTERIOR WALLS WITH A FIRE SEPARATION DISTANCE OF GREATER THAN 10 FEET SHALL BE RATED FOR EXPOSURE TO FIRE FROM THE INSIDE. THE REQUIRED FIRE-RESISTANCE RATING OF EXTERIOR WALLS WITH A FIRE SEPARATION DISTANCE OF LESS THAN OR EQUAL TO 10 FEET SHALL BE RATED FOR EXPOSURE TO FIRE FROM BOTH SIDES.

705.8 OPENINGS. OPENINGS IN EXTERIOR WALLS SHALL COMPLY WITH SECTIONS 705.8.1 THROUGH 705.8.6.

705.8.1 ALLOWABLE AREA OF OPENINGS. THE MAXIMUM AREA OF UNPROTECTED AND PROTECTED OPENINGS PERMITTED IN AN EXTERIOR WALL IN ANY STORY OF A BUILDING SHALL NOT EXCEED THE PERCENTAGES SPECIFIED IN TABLE 705.8.

EXCEPTION: BUILDINGS WHOSE EXTERIOR BEARING WALLS, EXTERIOR NONBEARING WALLS AND EXTERIOR PRIMARY STRUCTURAL FRAME ARE NOT REQUIRED TO BE FIRE-RESISTANCE RATED SHALL BE PERMITTED TO HAVE UNLIMITED UNPROTECTED OPENINGS.

TABLE 705.8 MAXIMUM AREA OF EXTERIOR WALL OPENINGS BASED ON FIRE SEPARATION DISTANCE AND DEGREE OF OPENING PROTECTION:

FIRE SEPARATION DISTANCE	DEGREE OF OPENING PROTECTION	ALLOWABLE AREA
30 or greater		NO LIMIT

707 FIRE BARRIERS

TABLE 707.3.10 FIRE-RESISTANCE RATING REQUIREMENTS FOR FIRE BARRIERS, FIRE WALLS OR HORIZONTAL ASSEMBLIES BETWEEN FIRE AREAS

TABLE 707.3.10
FIRE-RESISTANCE RATING REQUIREMENTS FOR FIRE BARRIERS, FIRE WALLS OR HORIZONTAL ASSEMBLIES BETWEEN FIRE AREAS

OCCUPANCY GROUP	FIRE-RESISTANCE RATING (hours)
H-1, H-2	4
F-1, H-3, S-1	3
A, B, E, F-2, H-4, H-5, I, M, R, S-2	2
U	1

PLUMBING CODE ANALYSIS:

INTERNATIONAL PLUMBING CODE - 2018

TO DETERMINE THE OCCUPANT LOAD OF EACH SEX, THE TOTAL OCCUPANT LOAD SHALL BE DIVIDED IN HALF. TO DETERMINE THE REQUIRED NUMBER OF FIXTURES, THE FIXTURE RATIO OR RATIOS FOR FIXTURE TYPE SHALL BE APPLIED TO THE OCCUPANT LOAD OF EACH SEX IN ACCORDANCE WITH TABLE 403.1

HOME BLEACHER REQUIREMENTS (ASSEMBLY A-5)

CLASSIFICATION: ASSEMBLY - 2,441 / 2 = 1220 MALE, 1220 FEMALE

	Male WC	Female WC	Male Lav	Female Lav	DF	Service Sink
	1 PER 75 FIRST 1500 1 PER 120 AFTER 1500	1 PER 40 FIRST 1520 1 PER 60 AFTER 1520	1 PER 200	1 PER 150	1 PER 1000	1
REQUIRED	16	30	6	8	3	1

AWAY BLEACHER REQUIREMENTS (ASSEMBLY A-5)

CLASSIFICATION: ASSEMBLY - 1251 OCC / 2 = 625 MALE, 625 FEMALE

	Male WC	Female WC	Male Lav	Female Lav	DF	Service Sink
	1 PER 75 FIRST 1500 1 PER 120 AFTER 1500	1 PER 40 FIRST 1520 1 PER 60 AFTER 1520	1 PER 200	1 PER 150	1 PER 1000	1
REQUIRED	8	15	3	4	2	1

707.4 EXTERIOR WALLS. WHERE EXTERIOR WALLS SERVE AS A PART OF A REQUIRED FIRE-RESISTANCE-RATED SHAFT OR STAIRWAY OR RAMP ENCLOSURE, OR SEPARATION, SUCH WALLS SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 705 FOR EXTERIOR WALLS AND THE FIRE-RESISTANCE-RATED ENCLOSURE OR SEPARATION REQUIREMENTS SHALL NOT APPLY.

707.5 CONTINUITY. FIRE BARRIERS SHALL EXTEND FROM THE TOP OF THE FOUNDATION OR FLOOR/CEILING ASSEMBLY BELOW TO THE UNDERSIDE OF THE FLOOR OR ROOF SHEATHING, SLAB, OR DECK ABOVE AND SHALL BE SECURELY ATTACHED THERETO. SUCH FIRE BARRIERS SHALL BE CONTINUOUS THROUGH CONCEALED SPACE, SUCH AS THE SPACE ABOVE A SUSPENDED CEILING. JOINTS AND VOIDS AT INTERSECTIONS SHALL COMPLY WITH SECTIONS 707.8 AND 707.9.

708 FIRE PARTITIONS - REFER TO TABLE 1020.1 CORRIDOR FIRE-RESISTANCE RATING

709 SMOKE BARRIERS - NOT APPLICABLE

711 HORIZONTAL ASSEMBLIES - SHALL NOT BE LESS THAN THAT REQUIRED BY THE BUILDING TYPE OF CONSTRUCTION

714 PENETRATIONS FIRE-RESISTANCE-RATED WALLS.
PENETRATIONS SHALL COMPLY WITH THE FOLLOWING:

714.4.1 THROUGH-PENETRATIONS.

714.4.1.1 FIRE-RESISTANCE-RATED ASSEMBLIES. PENETRATIONS SHALL BE INSTALLED AS TESTED IN AN APPROVED FIRE-RESISTANCE-RATED ASSEMBLY.

714.4.1.2 THROUGH-PENETRATION FIRESTOP SYSTEM. THROUGH PENETRATIONS SHALL BE PROTECTED BY AN APPROVED PENETRATION FIRESTOP SYSTEM INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E 814 OR UL 1479.

715 FIRE-RESISTANT JOINT SYSTEMS

715.1 GENERAL. JOINTS INSTALLED IN OR BETWEEN FIRE-RESISTANCE-RATED WALLS, FLOOR OR FLOOR/CEILING ASSEMBLIES AND ROOFS OR ROOF/CEILING ASSEMBLIES SHALL BE PROTECTED BY AN APPROVED FIRE-RESISTANCE
JOINT SYSTEM DESIGNED TO RESIST THE PASSAGE OF FIRE FOR A TIME PERIOD NOT LESS THAN THE REQUIRED FIRE-RESISTANCE RATING OF THE WALL, FLOOR OR ROOF IN OR BETWEEN WHICH IT IS INSTALLED.
FIRE-RESISTANT JOINT SYSTEMS SHALL BE TESTED IN ACCORDANCE WITH EITHER ASTM E 1966 OF UL 2079.

716 OPENING PROTECTIVES
TABLE 716.2(2) OPENING FIRE PROTECTION ASSEMBLIES, RATINGS AND MARKINGS

TABLE 716.1(2)
OPENING FIRE PROTECTION ASSEMBLIES, RATINGS AND MARKINGS

TYPE OF ASSEMBLY	REQUIRED WALL ASSEMBLY RATING (hours)	MINIMUM FIRE DOOR AND FIRE SHUTTER ASSEMBLY RATING (hours)	DOOR VISION PANEL SIZE[a]	FIRE-RATED GLAZING MARKING DOOR VISION PANEL[b, c]	MINIMUM SIDELIGHT/ TRANSOM ASSEMBLY RATING (hours)		FIRE-RATED GLAZING MARKING SIDELIGHT/TRANSOM PANEL	
					Fire protection	Fire resistance	Fire protection	Fire resistance
Fire walls and fire barriers having a required fire-resistance rating greater than 1 hour	4	3	See Note b	D-H-W-240	Not Permitted	4	Not Permitted	W-240
	3	3[e]	See Note b	D-H-W-180	Not Permitted	3	Not Permitted	W-180
	2	1 1/2	100 sq. in.	≤ 100 sq. in. = D-H-90 >100 sq. in.= D-H-W-90	Not Permitted	2	Not Permitted	W-120
	1 1/2	1 1/2	100 sq. in.	≤ 100 sq. in. = D-H-90 >100 sq. in.= D-H-W-90	Not Permitted	1 1/2	Not Permitted	W-90
Enclosures for shafts, interior exit stairways and interior exit ramps.	2	1 1/2	100 sq. in.[c]	≤ 100 sq. in. = D-H-90 > 100 sq. in.= D-H-T-W-90	Not Permitted	2	Not Permitted	W-120
Horizontal exits in fire walls[d]	4	3	100 sq. in.	≤ 100 sq. in. = D-H-180 > 100 sq. in.= D-H-W-240	Not Permitted	4	Not Permitted	W-240
	3	3[e]	100 sq. in.	≤ 100 sq. in. = D-H-180 > 100 sq. in.= D-H-W-180	Not Permitted	3	Not Permitted	W-180
Fire barriers having a required fire-resistance rating of 1 hour: Enclosures for shafts, exit access stairways, exit access ramps, interior exit stairways and interior exit ramps; and exit passageway walls	1	1	100 sq. in.	≤ 100 sq. in. = D-H-60 >100 sq. in.= D-H-T-W-60	Not Permitted	1	Not Permitted	W-60
					Fire protection			
Other fire barriers	1	3/4	Maximum size tested	D-H	3/4		D-H	
Fire partitions: Corridor walls	1	3/4[h]	Maximum size tested	D-20	3/4[h]		D-H-OH-45	
	0.5	1/2[h]	Maximum size tested	D-20	1/2		D-H-OH-20	
Other fire partitions	1	3/4	Maximum size tested	D-H-45	3/4		D-H-45	
	0.5	1/2	Maximum size tested	D-H-20	1/2		D-H-20	
Exterior walls	3	1 1/2	100 sq. in.[h]	≤ 100 sq. in. = D-H-90 > 100 sq. in = D-H-W-90	Not Permitted	3	Not Permitted	W-180
	2	1 1/2	Maximum size tested	D-H 90 or D-H-W-90	1 1/2	2	D-H-OH-90	W-120
					Fire protection			
	1	3/4	Maximum size tested	D-H-45	3/4		D-H-45	
					Fire protection			
Smoke barriers	1	1/2	Maximum size tested	D-20	3/4		D-H-OH-45	

For SI: 1 square inch = 645.2 mm.
a. Two doors, each with a fire protection rating of 1 1/2 hours, installed on opposite sides of the same opening in a fire wall, shall be deemed equivalent in fire protection rating to one 3-hour fire door.
b. Fire-resistance-rated glazing tested to ASTM E119 in accordance with Section 716.1.2.3 shall be permitted, in the maximum size tested.
c. Under the column heading "Fire-rated glazing marking door vision panel," W refers to the fire-resistance rating of the glazing, not the frame.
d. See Section 716.2.5.1.2.1.
e. See Section 716.1.2.2.| and Table 716.1(1) for additional permitted markings.

08. INTERIOR FINISHES

803 WALL AND CEILING FINISHES

803.1.1 - INTERIOR WALL AND CEILING FINISH MATERIALS TESTED IN ACCORDANCE WITH NFPA 286. INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH NFPA 286 AND COMPLY WITH SECTION

803.1.2 - 803.1.2 INTERIOR WALL AND CEILING FINISH MATERIALS TESTED IN ACCORDANCE WITH ASTM E84 OR UL 723. INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E84 OR UL 723. SUCH INTERIOR FINISH MATERIALS SHALL BE GROUPED IN THE FOLLOWING CLASSES IN ACCORDANCE WITH THEIR FLAME SPREAD AND SMOKE-DEVELOPED INDICES.
CLASS A= FLAME SPREAD INDEX 0-25; SMOKE-DEVELOPED INDEX 0-450.
CLASS B = FLAME SPREAD INDEX 26-75; SMOKE-DEVELOPED INDEX 0-450.
CLASS C = FLAME SPREAD INDEX 76-200; SMOKE-DEVELOPED INDEX 0-450.

TABLE 803.13 - INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY

OCCUPANCY	EXIT STAIRWAYS AND RAMPS	CORRIDORS	AND ENCLOSURES	ENCLOSED SPACES
A-3,A-5	A	A	A	B
S	B	B	B	C

804 INTERIOR FLOOR FINISH

804.1 GENERAL. INTERIOR FLOOR FINISH AND FLOOR COVERING MATERIALS SHALL COMPLY WITH SECTIONS 804.2 THROUGH 804.4.2.
EXCEPTION: FLOOR FINISHES AND COVERINGS OF A TRADITIONAL TYPE, SUCH AS WOOD, VINYL, LINOLEUM OR TERRAZZO, AND RESILIENT FLOOR COVERING MATERIALS THAT ARE NOT COMPRISED OF FIBERS.

804.2 CLASSIFICATION. INTERIOR FLOOR FINISH AND FLOOR COVERING MATERIALS REQUIRED BY SECTION 804.4.2 TO BE OF CLASS I OR CLASS II MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH NFPA 253. CLASS 1, 0.45 WATTS/CM2 OR GREATER; CLASS II, 0.22 WATTS/CM2 OR GREATER.

808 ACOUSTICAL CEILING SYSTEMS

808.1 ACOUSTICAL CEILING SYSTEMS. THE QUALITY , DESIGN, FABRICATION AND ERECTION OF METAL SUSPENSION SYSTEMS FOR ACOUSTICAL TILE AND LAY-IN PANEL CEILINGS IN BUILDINGS OR STRUCTURES SHALL CONFORM WITH GENERALLY ACCEPTED ENGINEERING PRACTICE, THE PROVISIONS OF THIS CHAPTER AND OTHER APPLICABLE REQUIREMENTS OF THIS CODE.

808.1.1 MATERIALS AND INSTALLATION. ACOUSTICAL MATERIALS COMPLYING WITH THE INTERIOR FINISH REQUIREMENTS OF SECTION 803 SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND APPLICABLE PROVISIONS FOR APPLYING INTERIOR FINISH.
808.1.1.1 SUSPENDED ACOUSTICAL CEILINGS. SUSPENDED ACOUSTICAL CEILING SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF ASTM C 635 AND ASTM C 636.
808.1.1.2 FIRE-RESISTANCE-RATED CONSTRUCTION. ACOUSTICAL CEILING SYSTEMS THAT ARE PART OF FIRE-RESISTANCE-RATED CONSTRUCTION SHALL BE INSTALLED IN THE SAME MANNER USED IN THE ASSEMBLY TESTED AND SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 7.

09. FIRE PROTECTION SYSTEMS

903 AUTOMATIC SPRINKLER SYSTEM

903.2.1.3 GROUP A-3. AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED THROUGHOUT STORIES CONTAINING GROUP A-3 OCCUPANCIES AND THROUGHOUT ALL STORIES FROM THE GROUP A-3 OCCUPANCY TO AND INCLUDING THE LEVELS OF EXIT DISCHARGE SERVING THAT OCCUPANCY WHERE ONE OF THE FOLLOWING CONDITIONS EXIST:
1.THE FIRE AREA EXCEEDS 12,000 SQUARE FEET
2.THE FIRE AREA HAS AN OCCUPANT LOAD OF 300 OR MORE
3.THE FIRE AREA IS LOCATED ON A FLOOR OTHER THAN A LEVEL OF EXIT DISCHARGE. NOT APPLICABLE, NOT ENCLOSED

906 PORTABLE FIRE EXTINGUISHERS

906.1 WHERE REQUIRED. PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED IN THE FOLLOWING LOCATIONS:
1. IN NEW AND EXISTING GROUP A, B, E, F, I, M, R-1, R-2, R-4 AND S OCCUPANCIES.
2. WITHIN 30 FEET OF COMMERCIAL COOKING EQUIPMENT.
3. IN AREAS WHERE FLAMMABLE OR COMBUSTIBLE LIQUIDS ARE STORED, USED OR DISPENSED.
4. ON EACH FLOOR OF STRUCTURES UNDER CONSTRUCTION.
5. WHERE REQUIRED BY THE INTERNATIONAL FIRE CODE SECTIONS INDICATED IN TABLE 906.1
6. SPECIAL-HAZARD AREAS, INCLUDING BUT NO LIMITED TO LABORATORIES, COMPUTER ROOMS AND GENERATOR ROOMS, WHERE REQUIRED BY THE FIRE CODE OFFICIAL.

906.2 GENERAL REQUIREMENTS. PORTABLE FIRE EXTINGUISHERS SHALL BE SELECTED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH THIS SECTION AND NFPA 10.

906.3 SIZE AND DISTRIBUTION.

TABLE 906.3(1) FIRE EXTINGUISHERS FOR CLASS A FIRE HAZARDS LOW (LOW) HAZARD OCCUPANCY

MINIMUM RATED SINGLE EXTINGUISHER	MAXIMUM FLOOR AREA PER UNIT OF TYPE A	MAXIMUM FLOOR AREA FOR EXTINGUISHER	MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER
2-A	3,000 SQUARE FEET	11,250 SQUARE FEET	75 FEET

907 FIRE ALARM AND DETECTION SYSTEMS

907.2.3 GROUP E. A MANUAL FIRE ALARM SYSTEM THAT INITIATES THE OCCUPANT NOTIFICATION SIGNAL UTILIZING AN EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM MEETING THE REQUIREMENTS OF SECTION 907.5.2.2 AND INSTALLED IN ACCORDANCE WITH SECTION 907.6 SHALL BE INSTALLED IN GROUP E OCCUPANCIES. WHEN AUTOMATIC SPRINKLER SYSTEMS OR SMOKE DETECTORS ARE INSTALLED, SUCH SYSTEMS OR DETECTORS SHALL BE CONNECTED TO THE BUILDING FIRE ALARM SYSTEM.
EXCEPTION 4. MANUAL FIRE ALARM BOXES SHALL NOT BE REQUIRED IN GROUP E OCCUPANCIES WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1, THE NOTIFICATION APPLIANCES WILL ACTIVATE ON SPRINKLER WATERFLOW AND MANUAL ACTIVATION IS PROVIDED FROM A NORMALLY OCCUPIED LOCATION.

10. MEANS OF EGRESS

1003 GENERAL MEANS OF EGRESS

1003.1 APPLICABILITY. THE GENERAL REQUIREMENTS SPECIFIED IN SECTIONS 1003 THROUGH 1013 SHALL APPLY TO ALL THREE ELEMENTS OF THE MEANS OF EGRESS SYSTEM, IN ADDITION TO THOSE SPECIFIC REQUIREMENTS FOR THE EXIT ACCESS, THE EXIT AND THE EXIT DISCHARGE.

1003.2 CEILING HEIGHT. THE MEANS OF EGRESS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 7 FEET 6 INCHES.

EXCEPTIONS:
1. SLOPED CEILINGS IN ACCORDANCE WITH SECTION 1208.2.
2. [NOT APPLICABLE]
3. ALLOWABLE PROJECTIONS IN ACCORDANCE WITH SECTION 1003.3.
4. STAIR HEADROOM IN ACCORDANCE WITH SECTION 1009.2.
5. DOOR HEIGHT IN ACCORDANCE WITH SECTION 1008.1.1.
6. RAMP HEADROOM IN ACCORDANCE WITH SECTION 1010.5.2.

1003.3 PROTRUDING OBJECTS.

1003.3.1 HEADROOM. PROTRUDING OBJECTS ARE PERMITTED TO EXTEND BELOW THE MINIMUM CEILING HEIGHT REQUIRED BY SECTION 1003.2 PROVIDED A MINIMUM HEADROOM OF 80 INCHES SHALL BE PROVIDED.
1003.3.2 POST-MOUNTED OBJECTS SHALL NOT OVERHANG MORE THAN 4 INCHES BETWEEN 27 INCHES AND 80 INCHES.
1003.3.3 HORIZONTAL PROJECTIONS SHALL NOT PROJECT MORE THAN 4 INCHES BETWEEN 27 INCHES AND 80 INCHES.
1003.3.4 PROTRUDING OBJECTS SHALL NOT REDUCE THE MINIMUM CLEAR WIDTH OF ACCESSIBLE ROUTES.

1003.4 FLOOR SURFACE. WALKING SURFACES OF THE MEANS OF EGRESS SHALL HAVE A SLIP-RESISTANT SURFACE AND BE SECURELY ATTACHED.

1003.5 ELEVATION CHANGE. WHERE CHANGES IN ELEVATION OF LESS THAN 12 INCHES EXIST IN THE MEANS OF EGRESS, SLOPE SURFACES SHALL BE USED THEREIN. WHERE THE SLOPE IS GREATER THAN ONE UNIT VERTICAL IN 20 UNITS HORIZONTAL, RAMPS COMPLYING WITH SECTION 1012 SHALL BE USED.

1003.6 MEANS OF EGRESS CONTINUITY THE PATH OF EGRESS TRAVEL ALONG A MEANS OF EGRESS SHALL NOT BE INTERRUPTED BY ANY BUILDING ELEMENT OTHER THAN A MEANS OF EGRESS COMPONENT AS SPECIFIED IN THIS CHAPTER. OBSTRUCTIONS SHALL NOT BE PLACED IN THE REQUIRED WIDTH OF A MEANS OF EGRESS EXCEPT PROJECTIONS PERMITTED BY THIS CHAPTER. THE REQUIRED CAPACITY OF A MEANS OF EGRESS SYSTEM SHALL NOT BE DIMINISHED ALONG THE PATH OF EGRESS TRAVEL.

1004 OCCUPANT LOAD

1004.6 FIXED SEATING. FOR AREAS HAVING FIXED SEATS AND AISLES, THE OCCUPANT LOAD SHALL BE DETERMINED BY THE NUMBER OF FIXED SEATS INSTALLED THEREIN. THE OCCUPANT LOAD FOR AREAS IN WHICH FIXED SEATING IS NOT INSTALLED, SUCH AS WAITING SPACES, SHALL BE DETERMINED IN ACCORDANCE WITH SECTION 1004.5 AND ADDED TO THE NUMBER OF FIXED SEATS. THE OCCUPANT LOAD OF WHEELCHAIR SPACES AND THE ASSOCIATED
COMPANION SEAT SHALL BE BASED ON ONE OCCUPANT FOR EACH WHEELCHAIR SPACE AND ONE OCCUPANT FOR THE ASSOCIATED COM-COMPANION SEAT PROVIDED IN ACCORDANCE WITH SECTION 1108.2.3. FOR AREAS HAVING FIXED SEATING WITHOUT DIVIDING ARMS, THE OCCUPANT LOAD SHALL BE NOT LESS THAN THE NUMBER OF SEATS BASED
ON ONE PERSON FOR EACH 18 INCHES (457 MM) OF SEATING LENGTH

TABLE 1004.5 - MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

FUNCTION OF SPACE	OCC. LOAD FACTOR	ALLOWABLE	DESIGN OCC.	ADA OCC.	TOTAL
ASSEMBLY (HOME BLEACHERS) A5	1 OCC / 18"	SEE PLAN	2,421	+ 20	2,441
ASSEMBLY (AWAY BLEACHERS) A5	1 OCC / 18"	SEE PLAN	1239	+ 12	1,251
LOCKER ROOM (HOME) A3	50 GROSS	1164 SF	24	50	
LOCKER ROOM (HOME) A3	50 GROSS	860 SF	18	45	
WORKOUT ROOM (HOME) A3	50 GROSS	3,250 SF	65	65	
STORAGE / MECHANICAL	300 GROSS	4,490 SF	15	15	
					3,692 OCC.

1005 EGRESS WIDTH

1005.1 MINIMUM REQUIRED EGRESS WIDTH. THE MEANS OF EGRESS WIDTH SHALL NOT BE LESS THAN REQUIRED BY THIS SECTION. THE TOTAL WIDTH OF MEANS OF EGRESS IN INCHES (MM) SHALL NOT BE LESS THAN THE TOTAL OCCUPANT LOAD SERVED BY THE MEANS OF EGRESS MULTIPLIED BY 0.3 INCHES (7.62 MM) PER OCCUPANT FOR STAIRWAYS AND BY 0.2 INCHES (5.08 MM) PER OCCUPANT FOR OTHER EGRESS COMPONENTS. THE WIDTH SHALL NOT BE LESS THAN SPECIFIED ELSEWHERE IN THIS CODE. MULTIPLE MEANS OF EGRESS SHALL BE SIZED SUCH THAT THE LOSS OF ANY ONE MEANS OF EGRESS SHALL NOT REDUCE THE AVAILABLE CAPACITY TO LESS THAN 50 PERCENT OF THE REQUIRED CAPACITY. THE MAXIMUM CAPACITY REQUIRED FROM ANY STORY OF A BUILDING SHALL BE MAINTAINED TO THE TERMINATION OF THE MEANS OF EGRESS.

1006 EXIT AND EXIT ACCESS DOORWAYS

1006.1 THE NUMBER OF EXITS OR EXIT ACCESS DOORWAYS REQUIRED WITHIN THE MEANS OF EGRESS SYSTEM SHALL COMPLY WITH THE PROVISIONS OF SECTION 1006.2 FOR SPACES, INCLUDING MEZZANINES, AND SECTION 1006.3 FOR STORIES.

1006.2.1 EGRESS BASED ON OCCUPANT LOAD AND COMMON PATH OF EGRESS TRAVEL DISTANCE. TWO EXITS OR EXIT ACCESS DOORWAYS FROM ANY SPACE SHALL BE PROVIDED WHERE THE DESIGN OCCUPANT LOAD OR THE COMMON PATH OF EGRESS TRAVEL DISTANCE EXCEEDS THE VALUES LISTED IN TABLE 1006.2.1.

TABLE 1006.2.1 SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY

OCCUPANCY	MAXIMUM OCCUPANT LOAD OF SPACE	MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE (FEET) WITHOUT SPRINKLER SYSTEM (FEET)		MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE (FEET) WITH SPRINKLER SYSTEM (FEET)
		OCCUPANT LOAD		
		OL ≤ 30	OL > 30	
A	49	75	75	75
S	29	100	75	100

1006.3.1 ADJACENT STORY. THE PATH OF EGRESS TRAVEL TO AN EXIT SHALL NOT PASS THROUGH MORE THAN ONE ADJACENT STORY.
EXCEPTION: THE PATH OF EGRESS TRAVEL TO AN EXIT SHALL BE PERMITTED TO PASS THROUGH MORE THAN ONE ADJACENT STORY IN ANY OF THE FOLLOWING:
5.EXIT ACCESS STAIRWAYS AND RAMPS BETWEEN THE BAL-CONY, GALLERY OR PRESS BOX AND THE MAIN ASSEMBLY FLOOR IN OCCUPANCIES SUCH AS THEATERS, PLACES OF RELIGIOUS WORSHIP, AUDITORIUMS AND SPORTS FACILITIES.

1006.3.2 EGRESS BASED ON OCCUPANT LOAD
EACH STORY AND OCCUPIED ROOF SHALL HAVE THE MINIMUM NUMBER OF EXITS, OR ACCESS TO EXISTS, AS SPECIFIED IN TABLE 1006.3.1. A SINGLE EXIT OR ACCESS TO A SINGLE EXIT SHALL BE PERMITTED IN ACCORDANCE WITH SECTION 1006.3.2. THE REQUIRED NUMBER OF EXITS, OR EXIT ACCESS STAIRWAYS OR RAMPS PROVIDING ACCESS TO EXITS, FOR ANY STORY OR OCCUPIED ROOF SHALL BE MAINTAINED UNTIL ARRIVAL AT THE EXIT DISCHARGE OR A PUBLIC WAY.

TABLE 1006.3.2
MINIMUM NUMBER OF EXISTS FOR OCCUPANT LOAD

OCCUPANT LOAD	MINIMUM NUMBER OF EXIST PER STORY
1-500	2
501-1,000	3
More than 1,000	4

1008 MEANS OF EGRESS ILLUMINATION
1008.2 ILLUMINATION REQUIRED. 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.

1008.3 ILLUMINATION EMERGENCY POWER. THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE PREMISES' ELECTRICAL SUPPLY. IN THE EVENT OF POWER SUPPLY FAILURE, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE ALL OF THE FOLLOWING AREAS:
1. AISLES AND UNENCLOSED EGRESS STAIRWAYS IN ROOMS AND SPACES THAT REQUIRE TWO OR MORE MEANS OF EGRESS.
2. CORRIDORS, EXIT ENCLOSURES AND EXIT PASSAGEWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
3. EXTERIOR EGRESS COMPONENTS AT OTHER THAN THEIR LEVELS OF I EXIT DISCHARGE UNTIL EXIT DISCHARGE IS ACCOMPLISHED FOR BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
4. INTERIOR EXIT DISCHARGE ELEMENTS, AS PERMITTED IN SECTION 1028.1, IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
5. EXTERIOR LANDINGS AS REQUIRED BY SECTION 1010.1.6 FOR EXIT DISCHARGE DOORWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.

THE EMERGENCY POWER 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. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH CHAPTER 27.

1009 ACCESSIBLE MEANS OF EGRESS

1009.1 ACCESSIBLE MEANS OF EGRESS REQUIRED. ACCESSIBLE MEANS OF EGRESS SHALL COMPLY WITH THIS SECTION. ACCESSIBLE SPACES SHALL BE PROVIDED WITH NOT LESS THAN ONE ACCESSIBLE MEANS OF EGRESS. WHERE MORE THAN ONE MEANS OF EGRESS ARE REQUIRED BY SECTION 1006.2 OR 1006.3 FROM ANY ACCESSIBLE SPACE, EACH ACCESSIBLE PORTION OF THE SPACE SHALL BE SERVED BY NOT LESS THAN TWO ACCESSIBLE MEANS OF EGRESS.

1009.3 STAIRWAYS. IN ORDER TO BE CONSIDERED PART O

1029 ASSEMBLY

1029.1 GENERAL. A ROOM OR SPACE USED FOR ASSEMBLY PURPOSES THAT CONTAINS SEATS, TABLES, DISPLAYS, EQUIPMENT OR OTHER MATERIAL SHALL COMPLY WITH THIS SECTION.

1029.1.1 SPACES UNDER GRANDSTANDS AND BLEACHERS. SPACES UNDER GRANDSTANDS OR BLEACHERS SHALL BE SEPARATED BY FIRE BARRIERS COMPLYING WITH SECTION 707 AND HORIZONTAL ASSEMBLIES COMPLYING WITH SECTION 711 WITH NOT LESS THAN 1-HOUR FIRE-RESISTANCE-RATED CONSTRUCTION.

EXCEPTIONS:

2.TOILET ROOMS.

3.OTHER ACCESSORY USE AREAS 1,000 SQUARE FEET (92.9 M2) OR LESS IN AREA AND EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1.

1029.6.2.3 AUTOMATIC SPRINKLERS. ENCLOSED AREAS WITH WALLS AND CEILINGS IN BUILDINGS OR STRUCTURES CONTAINING SMOKE-PROTECTED ASSEMBLY SEATING SHALL BE PROTECTED WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1. NOT APPLICABLE

EXCEPTIONS:

2. PRESS BOXES AND STORAGE FACILITIES LESS THAN 1,000 SQUARE FEET (93 M2) IN AREA.
3. OUTDOOR SEATING FACILITIES WHERE SEATING AND THE MEANS OF EGRESS IN THE SEATING AREA ARE ESSENTIALLY OPEN TO THE OUTSIDE.

1029.6.3 OPEN-AIR ASSEMBLY SEATING. IN OPEN-AIR ASSEMBLY SEATING, THE REQUIRED CAPACITY IN INCHES (MM) OF AISLES SHALL BE NOT LESS THAN THE TOTAL OCCUPANT LOAD SERVED BY THE EGRESS ELEMENT MULTIPLIED BY 0.08 (2.0 MM) WHERE EGRESS IS BY STEPPED AISLE AND MULTIPLIED BY 0.06 (1.52 MM) WHERE EGRESS IS BY LEVEL AISLES AND RAMPED AISLES.

EXCEPTION:

THE REQUIRED CAPACITY IN INCHES (MM) OF AISLES SHALL BE PERMITTED TO COMPLY WITH SECTION 1029.6.2 FOR THE NUMBER OF SEATS IN THE OPEN-AIR ASSEMBLY SEATING WHERE ''' SECTION 1029.6.2 PERMITS LESS CAPACITY.

1029.7 TRAVEL DISTANCE. THE EXIT ACCESS TRAVEL DISTANCE SHALL COMPLY WITH SECTION 1017. WHERE AISLES ARE PROVIDED FOR SEATING, THE DISTANCE SHALL BE MEASURED ALONG THE AISLES AND AISLE ACCESSWAYS WITHOUT TRAVEL OVER OR ON THE SEATS.

EXCEPTIONS:

3. IN FACILITIES WITH OPEN-AIR ASSEMBLY SEATING OF TYPE I OR II CONSTRUCTION, THE TOTAL EXIT ACCESS TRAVEL DISTANCE SHALL NOT BE LIMITED.

1029.9.1 MINIMUM AISLE WIDTH. THE MINIMUM CLEAR WIDTH FOR AISLES SHALL COMPLY WITH ONE OF THE FOLLOWING:

1. FORTY-EIGHT INCHES (1219 MM) FOR STEPPED AISLES HAVING SEATING ON BOTH SIDES.

3. TWENTY-THREE INCHES (584 MM) BETWEEN A STEPPED AISLE HANDRAIL OR GUARD AND SEATING WHERE THE STEPPED AISLE IS SUBDIVIDED BY A MID-AISLE HANDRAIL.

1029.9.2 AISLE CATCHMENT AREA. THE AISLE SHALL PROVIDE SUFFICIENT CAPACITY FOR THE NUMBER OF PERSONS ACCOMMODATED BY THE CATCHMENT AREA SERVED BY THE AISLE. THE CATCHMENT AREA SERVED BY AN AISLE IS THAT PORTION OF THE TOTAL SPACE SERVED BY THAT SECTION OF THE AISLE. IN ESTABLISHING CATCHMENT AREAS, THE ASSUMPTION SHALL BE MADE THAT THERE IS A BALANCED USE OF ALL MEANS OF EGRESS, WITH THE NUMBER OF PERSONS IN PROPORTION TO EGRESS CAPACITY.

1029.9.3 CONVERGING AISLES. WHERE AISLES CONVERGE TO FORM A SINGLE PATH OF EGRESS TRAVEL, THE REQUIRED CAPACITY OF THAT PATH SHALL BE NOT LESS THAN THE COMBINED REQUIRED CAPACITY OF THE CONVERGING AISLES.

1029.9.4 UNIFORM WIDTH AND CAPACITY. THOSE PORTIONS OF AISLES, WHERE EGRESS IS POSSIBLE IN EITHER OF TWO DIRECTIONS, SHALL BE UNIFORM IN MINIMUM WIDTH OR REQUIRED CAPACITY.

1029.9.6 AISLE MEASUREMENT. THE CLEAR WIDTH FOR AISLES SHALL BE MEASURED TO WALLS, EDGES OF SEATING AND TREAD EDGES EXCEPT FOR PERMITTED PROJECTIONS.

1029.14.2 STEPPED AISLES. AISLES WITH A SLOPE EXCEEDING ONE UNIT VERTICAL IN EIGHT UNITS HORIZONTAL (12.5-PERCENT SLOPE) SHALL CONSIST OF A SERIES OF RISERS AND TREADS THAT EXTENDS ACROSS THE FULL WIDTH OF AISLES AND COMPLIES WITH SECTIONS 1029.14.2.1 THROUGH 1029.14.2.4.

1029.14.2.1 TREADS. TREAD DEPTHS SHALL BE NOT LESS THAN 11 INCHES (279 MM) AND SHALL HAVE DIMENSIONAL UNIFORMITY.

EXCEPTION: THE TOLERANCE BETWEEN ADJACENT TREADS SHALL NOT EXCEED 3/16 INCH (4.8 MM).

1029.14.2.2 RISERS. WHERE THE GRADIENT OF STEPPED AISLES IS TO BE THE SAME AS THE GRADIENT OF ADJOINING SEATING AREAS, THE RISER HEIGHT SHALL BE NOT LESS THAN 4 INCHES (102 MM) NOT MORE THAN 8 INCHES (203 MM) AND SHALL BE UNIFORM WITHIN EACH FLIGHT.

EXCEPTIONS:

1. RISER HEIGHT NONUNIFORMITY SHALL BE LIMITED TO THE EXTENT NECESSITATED BY CHANGES IN THE GRADIENT OF THE ADJOINING SEATING AREA TO MAINTAIN ADEQUATE SIGHTLINES. WHERE NONUNIFORMITIES EXCEED 3/16 INCH (4.8 MM) BETWEEN ADJACENT RISERS, THE EXACT LOCATION OF SUCH NONUNIFORMITIES SHALL BE INDICATED WITH A DISTINCTIVE MARKING STRIPE ON EACH TREAD AT THE NOSING OR LEADING EDGE ADJACENT TO THE NONUNIFORM RISERS. SUCH STRIPE SHALL BE NOT LESS THAN 1 INCH (25 MM),AND NOT MORE THAN 2 INCHES (51 MM), WIDE. THE EDGE MARKING STRIPE SHALL BE DISTINCTIVELY DIFFERENT FROM THE CONTRASTING MARKING STRIPE.

2. RISER HEIGHTS NOT EXCEEDING 9 INCHES (229 MM) SHALL BE PERMITTED WHERE THEY ARE NECESSITATED BY THE SLOPE OF THE ADJACENT SEATING AREAS TO MAINTAIN SIGHTLINES.

1029.14.2.2.1 CONSTRUCTION TOLERANCES. THE TOLERANCE BETWEEN ADJACENT RISERS ON A STEPPED AISLE THAT WERE DESIGNED TO BE EQUAL HEIGHT SHALL NOT EXCEED 3/16 INCH (4.8 MM). WHERE THE STEPPED AISLE IS DESIGNED IN ACCORDANCE WITH EXCEPTION 1 OF SECTION 1029.14.2.2, THE STEPPED AISLE SHALL BE CONSTRUCTED SO THAT EACH RISER OF UNEQUAL HEIGHT, DETERMINED IN THE DIRECTION OF DESCENT, IS NOT MORE THAN 3/8 INCH (9.5 MM) IN HEIGHT DIFFERENT FROM ADJACENT RISERS WHERE STEPPED AISLE TREADS ARE LESS THAN 22 INCHES (560 MM) IN DEPTH AND 3/4 INCH (19.1 MM) IN HEIGHT DIFFERENT FROM ADJACENT RISERS WHERE STEPPED AISLE TREADS ARE 22 INCHES (560 MM) OR GREATER IN DEPTH.

1029.16 HANDRAILS. RAMPED AISLES HAVING A SLOPE EXCEEDING ONE UNIT VERTICAL IN 15 UNITS HORIZONTAL (6.7-PERCENT SLOPE) AND STEPPED AISLES SHALL BE PROVIDED WITH HANDRAILS IN COMPLIANCE WITH SECTION 1014 LOCATED EITHER AT ONE OR BOTH SIDES OF THE AISLE OR WITHIN THE AISLE WIDTH.

EXCEPTIONS:

3. HANDRAIL EXTENSIONS ARE NOT REQUIRED AT THE TOP AND BOTTOM OF STEPPED AISLES AND RAMPED AISLES TO PERMIT CROSSOVERS WITHIN THE AISLES.

1029.16.1 DISCONTINUOUS HANDRAILS. WHERE THERE IS SEATING ON BOTH SIDES OF THE AISLE, THE MID-AISLE HANDRAILS SHALL BE DISCONTINUOUS WITH GAPS OR BREAKS AT INTERVALS NOT EXCEEDING FIVE ROWS TO FACILITATE ACCESS TO SEATING AND TO PERMIT CROSSING FROM ONE SIDE OF THE AISLE TO THE OTHER. THESE GAPS OR BREAKS SHALL HAVE A CLEAR WIDTH OF NOT LESS THAN 22 INCHES (559 MM) AND NOT GREATER THAN 36 INCHES (914 MM), MEASURED HORIZONTALLY, AND THE MID-AISLE HAND-RAIL SHALL HAVE ROUNDED TERMINATIONS OR BENDS.

1029.16.3 MID-AISLE TERMINATION. MID-AISLE HANDRAILS SHALL NOT EXTEND BEYOND THE LOWEST RISER AND SHALL TERMINATE WITHIN 18 INCHES (381 MM), MEASURED HORIZONTALLY, FROM THE LOWEST RISER. HANDRAIL EXTENSIONS ARE NOT REQUIRED.

1029.16.4 RAILS. WHERE MID-AISLE HANDRAILS ARE PROVIDED IN STEPPED AISLES, THERE SHALL BE AN ADDITIONAL RAIL LOCATED APPROXIMATELY 12 INCHES (305 MM) BELOW THE HANDRAIL. THE RAIL SHALL BE ADEQUATE IN STRENGTH AND ATTACHMENT IN ACCORDANCE WITH SECTION 1607.8.1.2.

11 ACCESSIBILITY

1104.3.2 PRESS BOXES. PRESS BOXES IN A BUILDING, ROOM OR SPACE USED FOR ASSEMBLY PURPOSES SHALL BE ON AN ACCESSIBLE ROUTE.

EXCEPTIONS:

1. AN ACCESSIBLE ROUTE SHALL NOT BE REQUIRED TO PRESS BOXES IN BLEACHERS THAT HAVE A SINGLE POINT OF ENTRY FROM THE BLEACHERS, PROVIDED THAT THE AGGREGATE AREA OF ALL PRESS BOXES FOR EACH PLAYING FIELD IS NOT MORE THAN 500 SQUARE FEET (46 M2).

2.AN ACCESSIBLE ROUTE SHALL NOT BE REQUIRED TO FREE-STANDING PRESS BOXES THAT ARE MORE THAN 12 FEET (3660 MM) ABOVE GRADE PROVIDED THAT THE AGGREGATE AREA OF ALL PRESS BOXES FOR EACH PLAYING FIELD IS NOT MORE THAN 500 SQUARE FEET (46M2).

SECTION 1108 SPECIAL OCCUPANCIES

1108.2.2 WHEELCHAIR SPACES. IN ROOMS AND SPACES USED FOR ASSEMBLY PURPOSES WITH FIXED SEATING, ACCESSIBLE WHEELCHAIR SPACES SHALL BE PROVIDED IN ACCORDANCE WITH SECTIONS 1108.2.2.1 THROUGH 1108.2.2.3.

1108.2.2.1 GENERAL SEATING. WHEELCHAIR SPACES SHALL BE PROVIDED IN ACCORDANCE WITH TABLE 1108.2.2.1.

TABLE 1108.2.2.1
ACCESSIBLE WHEELCHAIR SPACES

CAPACITY OF SEATING IN ASSEMBLY AREAS	MINIMUM REQUIRED NUMBER OF WHEELCHAIR SPACES
4 to 25	1
26 to 50	2
51 to 100	4
101 to 300	5
301 to 500	6
501 to 5,000	6, plus 1 for each 150, or fraction thereof, between 501 through 5,000
5,001 and over	36 plus 1 for each 200, or fraction thereof, over 5,000

1108.2.3 COMPANION SEATS. AT LEAST ONE COMPANION SEAT SHALL BE PROVIDED FOR EACH WHEELCHAIR SPACE REQUIRED BY SECTIONS 1108.2.2.1 THROUGH 1108.2.2.3.

IEBC 2018 - LEVEL 3 ALTERATIONS, WORK AREA 100%

CHAPTER 3

SECTION 301 GENERAL

301.1 GENERAL. THE REPAIR, ALTERATION, CHANGE OF OCCUPANCY, ADDITION OR RELOCATION OF ALL EXISTING BUILDINGS SHALL COMPLY WITH SECTION 301.2, 301.3, OR 301.4.

301.2 REPAIRS. REPAIRS SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER 4.

301.3.2 WORK AREA COMPLIANCE METHOD. ALTERATIONS, ADDITIONS AND CHANGES OF OCCUPANCY COMPLYING WITH THE APPLICABLE REQUIREMENTS OF CHAPTERS 6 THROUGH 12 OF THIS CODE SHALL BE CONSIDERED IN COMPLIANCE WITH THE PROVISIONS OF THIS CODE.

301.5 COMPLIANCE WITH ACCESSIBILITY. ACCESSIBILITY REQUIREMENTS FOR EXISTING BUILDINGS SHALL COMPLY WITH THE 2009 EDITION OF ICC A117.1.

SECTION 302 GENERAL PROVISIONS

302.1 APPLICABILITY. THE PROVISIONS OF SECTION 302 APPLY TO ALL ALTERATIONS, REPAIRS, ADDITIONS, RELOCATIONS OF STRUCTURES AND CHANGES OF OCCUPANCY REGARDLESS OF COMPLIANCE METHOD.

302.2 DANGEROUS CONDITIONS. THE CODE OFFICIAL SHALL HAVE THE AUTHORITY TO REQUIRE THE ELIMINATION OF CONDITIONS DEEMED DANGEROUS.

302.3 ADDITIONAL CODES. ALTERATIONS, REPAIRS, AND ADDITIONS SHALL COMPLY WITH THE PROVISIONS FOR ALTERATIONS, REPAIRS, AND ADDITIONS RESPECTIVELY, IN THIS CODE AND THE INTERNATIONAL ENERGY CONSERVATION CODE, INTERNATIONAL FIRE CODE, INTERNATIONAL FUEL GAS CODE, INTERNATIONAL MECHANICAL CODE, INTERNATIONAL PLUMBING CODE, INTERNATIONAL PRIVATE SEWAGE DISPOSAL CODE, INTERNATIONAL PROPERTY MAINTENANCE CODE, INTERNATIONAL RESIDENTIAL CODE AND NFPA 70. WHERE PROVISIONS OF THE OTHER CODES CONFLICT WITH PROVISIONS OF THIS CODE, THE PROVISIONS OF THIS CODE SHALL TAKE PRECEDENCE.

302.4 EXISTING MATERIALS. MATERIALS ALREADY IN USE IN A BUILDING IN COMPLIANCE WITH REQUIREMENTS OR APPROVALS IN EFFECT AT THE TIME OF THEIR ERECTION OR INSTALLATION SHALL BE PERMITTED TO REMAIN IN USE UNLESS DETERMINED BY THE BUILDING OFFICIAL TO BE UNSAFE.

302.5 NEW AND REPLACEMENT MATERIALS. EXCEPT AS OTHERWISE REQUIRED OR PERMITTED BY THIS CODE, MATERIALS PERMITTED BY THE APPLICABLE CODE FOR NEW CONSTRUCTION SHALL BE USED.

302.5.1 NEW STRUCTURAL MEMBERS AND CONNECTIONS. NEW STRUCTURAL MEMBERS AND CONNECTIONS SHALL COMPLY WITH THE DETAILING PROVISIONS OF THE INTERNATIONAL BUILDING CODE FOR NEW BUILDINGS OF SIMILAR STRUCTURE, PURPOSE AND LOCATION.

EXCEPTION: WHERE ALTERNATIVE DESIGN CRITERIA ARE SPECIFICALLY PERMITTED. 302.6 OCCUPANCY AND USE. WHERE DETERMINING THE APPROPRIATE APPLICATION OF THE REFERENCED SECTIONS OF THIS CODE, THE OCCUPANCY AND USE OF A BUILDING SHALL BE DETERMINED IN ACCORDANCE WITH CHAPTER 3 OF THE INTERNATIONAL BUILDING CODE.

SECTION 303 STRUCTURAL DESIGN LOADS AND EVALUATION AND DESIGN PROCEDURES

303.1 LIVE LOADS. WHERE AN ADDITION OR ALTERATION DOES NOT RESULT IN INCREASED DESIGN LIVE LOAD, EXISTING GRAVITY LOAD-CARRYING STRUCTURAL ELEMENTS SHALL BE PERMITTED TO BE EVALUATED AND DESIGNED FOR LIVE LOADS APPROVED PRIOR TO THE ADDITION OR ALTERATION. IF THE APPROVED LIVE LOAD IS LESS THAN THAT REQUIRED BY SECTION 1607 OF THE INTERNATIONAL BUILDING CODE, THE AREA DESIGNATED FOR THE NONCONFORMING LIVE LOAD SHALL BE POSTED WITH PLACARDS OF APPROVED DESIGN INDICATING THE APPROVED LIVE LOAD. WHERE THE ADDITION OR ALTERATION RESULTS IN INCREASED DESIGN LIVE LOAD, THE LIVE LOAD REQUIRED BY SECTION 1607 OF THE INTERNATIONAL BUILDING CODE SHALL BE USED.

SECTION 305 ACCESSIBILITY FOR EXISTING BUILDINGS

305.1 SCOPE. THE PROVISIONS OF SECTIONS 305.1 THROUGH 305.9 APPLY TO MAINTENANCE, CHANGE OF OCCUPANCY, ADDITIONS AND ALTERATIONS TO EXISTING BUILDINGS, INCLUDING THOSE IDENTIFIED AS HISTORIC BUILDINGS.

305.3 EXTENT OF APPLICATION. AN ALTERATION OF AN EXISTING FACILITY SHALL NOT IMPOSE A REQUIREMENT FOR GREATER ACCESSIBILITY THAN THAT WHICH WOULD BE REQUIRED FOR NEW CONSTRUCTION. ALTERATIONS SHALL NOT REDUCE OR HAVE THE EFFECT OF REDUCING ACCESSIBILITY OF A FACILITY OR PORTION OF A FACILITY.

305.6 ALTERATIONS. A FACILITY THAT IS ALTERED SHALL COMPLY WITH THE APPLICABLE PROVISIONS IN CHAPTER 11 OF THE INTERNATIONAL BUILDING CODE, UNLESS TECHNICALLY INFEASIBLE. WHERE COMPLIANCE WITH THIS SECTION IS TECHNICALLY INFEASIBLE, THE ALTERATION SHALL PROVIDE ACCESS TO THE MAXIMUM EXTENT TECHNICALLY FEASIBLE.

EXCEPTIONS:

1. THE ALTERED ELEMENT OR SPACE IS NOT REQUIRED TO BE ON AN ACCESSIBLE ROUTE, UNLESS REQUIRED BY SECTION 305.7.
2. ACCESSIBLE MEANS OF EGRESS REQUIRED BY CHAPTER 10 OF THE INTERNATIONAL BUILDING CODE ARE NOT REQUIRED TO BE PROVIDED IN EXISTING FACILITIES.

CHAPTER 6

SECTION 601 GENERAL

601.1 SCOPE THE PROVISIONS OF THIS CHAPTER SHALL BE USED IN CONJUNCTION WITH CHAPTERS 7 THROUGH 12 AND SHALL APPLY TO THE ALTERATION, ADDITION AND CHANGE OF OCCUPANCY OF EXISTING STRUCTURES, INCLUDING HISTORIC AND MOVED STRUCTURES, AS REFERENCED IN SECTION 301.3.2. THE WORK PERFORMED ON AN EXISTING BUILDING SHALL BE CLASSIFIED IN ACCORDANCE WITH THIS CHAPTER.

601.1.1 COMPLIANCE WITH OTHER ALTERNATIVES ALTERATIONS, ADDITIONS AND CHANGES OF OCCUPANCY TO EXISTING STRUCTURES SHALL COMPLY WITH THE PROVISIONS OF CHAPTERS 7 THROUGH 12 OR WITH ONE OF THE ALTERNATIVES PROVIDED IN SECTION 301.3.

601.2 WORK AREA DIAGRAM THE WORK AREA, AS DEFINED IN CHAPTER 2, SHALL BE IDENTIFIED ON THE CONSTRUCTION DOCUMENTS.

SECTION 604 ALTERATION – LEVEL 3

604.1 SCOPE. LEVEL 3 ALTERATIONS APPLY WHERE THE WORK AREA EXCEEDS 50 PERCENT OF THE BUILDING AREA.

604.2 APPLICATION. LEVEL 3 ALTERATIONS SHALL COMPLY WITH THE PROVISIONS OF CHAPTERS 7 AND 8 FOR LEVEL 1 AND 2 ALTERATIONS, RESPECTIVELY, AS WELL AS THE PROVISIONS OF CHAPTER 9.

CHAPTER 7

SECTION 701 GENERAL

701.1 SCOPE. LEVEL 1 ALTERATIONS AS DESCRIBED IN SECTION 602 SHALL COMPLY WITH THE REQUIREMENTS OF THIS CHAPTER. LEVEL 1 ALTERATIONS TO HISTORIC BUILDINGS SHALL COMPLY WITH THIS CHAPTER, EXCEPT AS MODIFIED IN CHAPTER 12.

701.2 CONFORMANCE AN EXISTING BUILDING OR PORTION THEREOF SHALL NOT BE ALTERED SUCH THAT THE BUILDING BECOMES LESS SAFE THAN ITS EXISTING CONDITION.

SECTION 701 BUILDING ELEMENTS AND MATERIALS

702.1 INTERIOR FINISHES. NEWLY INSTALLED INTERIOR WALL AND CEILING FINISHES SHALL COMPLY WITH CHAPTER 8 OF THE INTERNATIONAL BUILDING CODE.

702.2 INTERIOR FLOOR FINISH. NEW INTERIOR FLOOR FINISH, INCLUDING NEW CARPETING USED AS AN INTERIOR FLOOR FINISH MATERIAL, SHALL COMPLY WITH SECTION 804 OF THE INTERNATIONAL BUILDING CODE.

702.3 INTERIOR TRIM. NEWLY INSTALLED INTERIOR TRIM MATERIALS SHALL COMPLY WITH SECTION 806 OF THE INTERNATIONAL BUILDING CODE.

702.6 MATERIALS AND METHODS. NEW WORK SHALL COMPLY WITH THE MATERIALS AND METHODS REQUIREMENTS IN THE INTERNATIONAL BUILDING CODE, INTERNATIONAL ENERGY CONSERVATION CODE, INTERNATIONAL MECHANICAL CODE, AND INTERNATIONAL PLUMBING CODE, AS APPLICABLE, THAT SPECIFY MATERIAL STANDARDS, DETAIL OF INSTALLATION AND CONNECTION, JOINTS, PENETRATIONS, AND CONTINUITY OF ANY ELEMENT, COMPONENT, OR SYSTEM IN THE BUILDING.

CHAPTER 8

SECTION 801 GENERAL

801.1 SCOPE. LEVEL 2 ALTERATIONS AS DESCRIBED IN SECTION 603 SHALL COMPLY WITH THE REQUIREMENTS OF THIS CHAPTER.

SECTION 802 BUILDING ELEMENTS AND MATERIALS

802.4 INTERIOR FINISH. THE INTERIOR FINISH OF WALLS AND CEILINGS IN EXITS AND CORRIDORS IN ANY WORK AREA SHALL COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

SECTION 803 FIRE PROTECTION

803.2 AUTOMATIC SPRINKLER SYSTEMS. AUTOMATIC SPRINKLER SYSTEMS SHALL BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 803.2.1 THROUGH 803.2.4. INSTALLATION REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE.

803.2.2 GROUPS A, B, E, F-1, H, I, M, R-1, R-2, R4, S-1 AND S-2. IN BUILDINGS WITH OCCUPANCIES IN GROUPS A [AND] S-2, WORK AREAS THAT HAVE EXITS OR CORRIDORS SERVING AN OCCUPANT LOAD GREATER THAN 30 SHALL BE PROVIDED WITH AUTOMATIC SPRINKLER PROTECTION WHERE BOTH OF THE FOLLOWING CONDITIONS OCCUR:

1. THE WORK AREA IS REQUIRED TO BE PROVIDED WITH AUTOMATIC SPRINKLER PROTECTION IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE AS APPLICABLE TO NEW CONSTRUCTION. NOT APPLICABLE. IBC 903.2.1.3.1 APPLIES TO FIRE AREAS LOCATED ON A FLOOR OTHER THAN THE LEVEL OF EXIT DISCHARGE. ALL EXITS OR CORRIDORS WITH AN OCCUPANT LOAD GREATER THAN 30 ARE ON THE LEVEL OF DISCHARGE.

2. THE WORK AREA EXCEEDS 50 PERCENT OF THE FLOOR AREA.

__IEBC 903.2.1.3 GROUP A-3.__ AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED THROUGHOUT STORIES CONTAINING GROUP A-3 OCCUPANCIES AND THROUGHOUT ALL STORIES FROM THE GROUP A-3 OCCUPANCY TO AND INCLUDING THE LEVELS OF EXIT DISCHARGE SERVING THAT OCCUPANCY WHERE ONE OF THE FOLLOWING CONDITIONS EXISTS:

1.THE FIRE AREA EXCEEDS 12,000 SQUARE FEET. NOT APPLICABLE

2.THE FIRE AREA HAS AN OCCUPANT LOAD OF 300 OR MORE. NOT APPLICABLE

3.THE FIRE AREA IS LOCATED ON A FLOOR OTHER THAN A LEVEL OF EXIT DISCHARGE SERVING SUCH OCCUPANCIES.

SECTION 805 MEANS OF EGRESS

805.1 SCOPE. THE REQUIREMENTS OF THIS SECTION SHALL BE LIMITED TO WORK AREAS THAT INCLUDE EXITS WITHIN THE WORK AREA IN WHICH LEVEL 2 ALTERATIONS ARE BEING PERFORMED, AND WHERE SPECIFIED THEY SHALL APPLY THROUGHOUT THE FLOOR ON WHICH THE WORK AREAS ARE LOCATED OR OTHERWISE BEYOND THE WORK AREA.

805.2 GENERAL. THE MEANS OF EGRESS SHALL COMPLY WITH THE REQUIREMENTS OF THIS SECTION.

EXCEPTIONS:
1. WHERE THE WORK AREA AND THE MEANS OF EGRESS SERVING IT COMPLIES WITH NFPA 101.

2. MEANS OF EGRESS COMPLYING WITH THE REQUIREMENTS OF THE BUILDING CODE UNDER WHICH THE BUILDING WAS CONSTRUCTED SHALL BE CONSIDERED TO BE COMPLIANT MEANS OF EGRESS IF, IN THE OPINION OF THE CODE OFFICIAL, THEY DO NOT CONSTITUTE A DISTINCT HAZARD TO LIFE.

805.3 NUMBER OF EXITS. THE NUMBER OF EXITS SHALL BE IN ACCORDANCE WITH SECTIONS 805.3.1 THROUGH 805.3.3.

805.3.1 MINIMUM NUMBER. EVERY STORY UTILIZED FOR HUMAN OCCUPANCY ON WHICH THERE IS A WORK AREA THAT INCLUDES EXITS OR CORRIDORS SHARED BY MORE THAN ONE TENANT WITHIN THE WORK AREA SHALL BE PROVIDED WITH THE MINIMUM NUMBER OF EXITS BASED ON THE OCCUPANCY AND THE OCCUPANT LOAD IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE. IN ADDITION, THE EXITS SHALL COMPLY WITH SECTIONS 805.3.1.1 AND 805.3.1.2.

805.4 EGRESS DOORWAYS. EGRESS DOORWAYS IN ANY WORK AREA SHALL COMPLY WITH SECTIONS 805.4.1 THROUGH 805.4.5.

805.4.1 TWO EGRESS DOORWAYS REQUIRED. WORK AREAS SHALL BE PROVIDED WITH TWO EGRESS DOORWAYS IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 805.4.1.1 AND 805.4.1.2.

805.4.1.1 OCCUPANT LOAD AND TRAVEL DISTANCE. IN ANY WORK AREA, ALL ROOMS AND SPACES HAVING AN OCCUPANT LOAD GREATER THAN 50 OR IN WHICH THE TRAVEL DISTANCE TO AN EXIT EXCEEDS 75 FEET SHALL HAVE NOT FEWER THAN TWO EGRESS DOORWAYS.

EXCEPTIONS:

1. STORAGE ROOMS HAVING A MAXIMUM OCCUPANT LOAD OF 10.

2. WHERE THE WORK AREA IS SERVED BY A SINGLE EXIT IN ACCORDANCE WITH SECTION 805.3.1.1.

805.4.2 DOOR SWING. IN THE WORK AREA AND IN THE EGRESS PATH FROM ANY WORK AREA TO THE EXIT DISCHARGE, ALL EGRESS DOORS SERVING AN OCCUPANT LOAD GREATER THAN 50 SHALL SWING IN THE DIRECTION OF EXIT TRAVEL.

805.4.2.1 SUPPLEMENTAL REQUIREMENTS FOR DOOR SWING. WHERE THE WORK AREA EXCEEDS 50 PERCENT OF THE FLOOR AREA, DOOR SWING SHALL COMPLY WITH SECTION 805.4.2 THROUGHOUT THE FLOOR.

805.4.3 DOOR CLOSING. IN ANY WORK AREA, ALL DOORS OPENING ONTO AN EXIT PASSAGEWAY AT GRADE OR AN EXIT STAIRWAY SHALL BE SELF-CLOSING OR AUTOMATIC CLOSING BY LISTED CLOSING DEVICES.

805.4.3.1 SUPPLEMENTAL REQUIREMENTS FOR DOOR CLOSING. WHERE THE WORK AREA EXCEEDS 50 PERCENT OF THE FLOOR AREA, DOORS SHALL COMPLY WITH SECTION 805.4.3 THROUGHOUT THE EXIT STAIRWAY FROM THE WORK AREA TO, AND INCLUDING, THE LEVEL OF EXIT DISCHARGE.

805.4.4 PANIC HARDWARE. IN ANY WORK AREA, AND IN THE EGRESS PATH FROM ANY WORK AREA TO THE EXIT DISCHARGE, IN BUILDINGS OR PORTIONS THEREOF OF GROUP A ASSEMBLY OCCUPANCIES WITH AN OCCUPANT LOAD GREATER THAN 100, ALL REQUIRED EXIT DOORS EQUIPPED WITH LATCHING DEVICES SHALL BE EQUIPPED WITH APPROVED PANIC HARDWARE.

805.4.4.1 SUPPLEMENTAL REQUIREMENTS FOR PANIC HARDWARE. WHERE THE WORK AREA EXCEEDS 50 PERCENT OF THE FLOOR AREA, PANIC HARDWARE SHALL COMPLY WITH SECTION 805.4.4 THROUGHOUT THE FLOOR.

805.5 OPENINGS IN CORRIDOR WALLS. OPENINGS IN CORRIDOR WALLS IN ANY WORK AREA SHALL COMPLY WITH SECTIONS 805.5.1 THROUGH 805.5.4.

EXCEPTION: OPENINGS IN CORRIDORS WHERE SUCH CORRIDORS ARE NOT REQUIRED TO BE RATED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE.

805.5.1 CORRIDOR DOORS. CORRIDOR DOORS IN THE WORK AREA SHALL NOT BE CONSTRUCTED OF HOLLOW CORE WOOD AND SHALL NOT CONTAIN LOUVERS.

805.5.3 OTHER CORRIDOR OPENINGS. IN ANY WORK AREA, ANY OTHER SASH, GRILLE, OR OPENING IN A CORRIDOR AND ANY WINDOW IN A CORRIDOR NOT OPENING TO THE OUTSIDE AIR SHALL BE SEALED WITH MATERIALS CONSISTENT WITH THE CORRIDOR CONSTRUCTION.

805.5.3.1 SUPPLEMENTAL REQUIREMENTS FOR OTHER CORRIDOR OPENING. WHERE THE WORK AREA EXCEEDS 50 PER-CENT OF THE FLOOR AREA, SECTION 805.5.3 SHALL BE APPLICABLE TO ALL CORRIDOR WINDOWS, GRILLS, SASHES, AND OTHER OPENINGS ON THE FLOOR.

805.5.4 SUPPLEMENTAL REQUIREMENTS FOR CORRIDOR OPENINGS. WHERE THE WORK AREA ON ANY FLOOR EXCEEDS 50 PERCENT OF THE FLOOR AREA, THE REQUIREMENTS OF SECTIONS 805.5.1 THROUGH 805.5.3 SHALL APPLY THROUGHOUT THE FLOOR.

805.6 DEAD-END CORRIDORS. DEAD-END CORRIDORS IN ANY WORK AREA SHALL NOT EXCEED 35 FEET.

805.7 MEANS-OF-EGRESS LIGHTING. MEANS-OF-EGRESS LIGHTING SHALL BE IN ACCORDANCE WITH THIS SECTION, AS APPLICABLE.

805.7.1 ARTIFICIAL LIGHTING REQUIRED. MEANS OF EGRESS IN ALL WORK AREAS SHALL BE PROVIDED WITH ARTIFICIAL LIGHTING IN ACCORDANCE WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

805.7.2 SUPPLEMENTAL REQUIREMENTS FOR MEANS-OF-EGRESS LIGHTING. WHERE THE WORK AREA ON ANY FLOOR EXCEEDS 50 PERCENT OF THAT FLOOR AREA, MEANS OF EGRESS THROUGHOUT THE FLOOR SHALL COMPLY WITH SECTION 805.7.1.

805.8 EXIT SIGNS. EXIT SIGNS SHALL BE IN ACCORDANCE WITH THIS SECTION, AS APPLICABLE.

805.8.1 WORK AREAS. MEANS OF EGRESS IN ALL WORK AREAS SHALL BE PROVIDED WITH EXIT SIGNS IN ACCORDANCE WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

805.8.2 SUPPLEMENTAL REQUIREMENTS FOR EXIT SIGNS. WHERE THE WORK AREA ON ANY FLOOR EXCEEDS 50 PERCENT OF THAT FLOOR AREA, MEANS OF EGRESS THROUGHOUT THE FLOOR SHALL COMPLY WITH SECTION 805.8.1.

805.9 HANDRAILS. THE REQUIREMENTS OF SECTIONS 805.9.1 AND 805.9.2 SHALL APPLY TO HANDRAILS FROM THE WORK AREA FLOOR TO, AND INCLUDING, THE LEVEL OF EXIT DISCHARGE.

805.9.1 MINIMUM REQUIREMENT. EVERY REQUIRED EXIT STAIRWAY THAT IS PART OF THE MEANS OF EGRESS FOR ANY WORK AREA AND THAT HAS THREE OR MORE RISERS AND IS NOT PROVIDED WITH NOT FEWER THAN ONE HANDRAIL, OR IN WHICH THE EXISTING HANDRAILS ARE JUDGED TO BE IN DANGER OF COLLAPSING, SHALL BE PROVIDED WITH HANDRAILS FOR THE FULL LENGTH OF THE STAIRWAY ON NOT FEWER THAN ONE SIDE. EXIT STAIRWAYS WITH A REQUIRED EGRESS WIDTH OF MORE THAN 66 INCHES SHALL HAVE HANDRAILS ON BOTH SIDES.

805.9.2 DESIGN. HANDRAILS REQUIRED IN ACCORDAN

SECTION 907 ENERGY CONSERVATION

907.1 MINIMUM REQUIREMENTS. LEVEL 3 ALTERATIONS TO EXISTING BUILDINGS OR STRUCTURES ARE PERMITTED WITHOUT REQUIRING THE ENTIRE BUILDING OR STRUCTURE TO COMPLY WITH THE ENERGY REQUIREMENTS OF THE INTERNATIONAL ENERGY CONSERVATION CODE. THE ALTERATIONS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE INTERNATIONAL ENERGY CONSERVATION CODE AS THEY RELATE TO NEW CONSTRUCTION ONLY.

CHAPTER 11

SECTION 1101 GENERAL

1101.2 CREATION OR EXTENSION OF NONCONFORMITY. AN ADDITION SHALL NOT CREATE OR EXTEND ANY NONCONFORMITY IN THE EXISTING BUILDING TO WHICH THE ADDITION IS BEING MADE WITH REGARD TO ACCESSIBILITY, STRUCTURAL STRENGTH, FIRE SAFETY, MEANS OF EGRESS, OR THE CAPACITY OF MECHANICAL, PLUMBING, OR ELECTRICAL SYSTEMS.

1101.3 OTHER WORK. ANY REPAIR OR ALTERATION WORK WITHIN AN EXISTING BUILDING TO WHICH AN ADDITION IS BEING MADE SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS FOR THE WORK AS CLASSIFIED IN CHAPTER 6.

SECTION 1102 HEIGHTS AND AREAS

1102.1 HEIGHT LIMITATIONS. AN ADDITION SHALL NOT INCREASE THE HEIGHT OF AN EXISTING BUILDING BEYOND THAT PERMITTED UNDER THE APPLICABLE PROVISIONS OF CHAPTER 5 OF THE INTERNATIONAL BUILDING CODE FOR NEW BUILDINGS.

1102.2 AREA LIMITATIONS. AN ADDITION SHALL NOT INCREASE THE AREA OF AN EXISTING BUILDING BEYOND THAT PERMITTED UNDER THE APPLICABLE PROVISIONS OF CHAPTER 5 OF THE INTERNATIONAL BUILDING CODE FOR NEW BUILDINGS UNLESS FIRE SEPARATION AS REQUIRED BY THE INTERNATIONAL BUILDING CODE IS PROVIDED.

1102.3 FIRE PROTECTION SYSTEMS. EXISTING FIRE AREAS INCREASED BY THE ADDITION SHALL COMPLY WITH CHAPTER 9 OF THE INTERNATIONAL BUILDING CODE.

SECTION 1103 STRUCTURAL

1103.1 ADDITIONAL GRAVITY LOADS. ANY EXISTING GRAVITY LOAD-CARRYING STRUCTURAL ELEMENT FOR WHICH AN ADDITION AND ITS RELATED ALTERATIONS CAUSE AN INCREASE IN DESIGN DEAD, LIVE OR SNOW LOAD, INCLUDING SNOW DRIFT EFFECTS, OF MORE THAN 5 PERCENT SHALL BE REPLACED OR ALTERED AS NEEDED TO CARRY THE GRAVITY LOADS REQUIRED BY THE INTERNATIONAL BUILDING CODE FOR NEW STRUCTURES. ANY EXISTING GRAVITY LOAD-CARRYING STRUCTURAL ELEMENT WHOSE GRAVITY LOAD-CARRYING CAPACITY IS DECREASED AS PART OF THE ADDITION AND ITS RELATED ALTERATIONS SHALL BE CONSIDERED TO BE AN ALTERED ELEMENT SUBJECT TO THE REQUIREMENTS OF SECTION 806.2. ANY EXISTING ELEMENT THAT WILL FORM PART OF THE LATERAL LOAD PATH FOR ANY PART OF THE ADDITION SHALL BE CONSIDERED TO BE AN EXISTING LATERAL LOAD-CARRYING STRUCTURAL ELEMENT SUBJECT TO THE REQUIREMENTS OF SECTION 1103.2.

1103.2 LATERAL FORCE-RESISTING SYSTEM. WHERE THE ADDITION IS STRUCTURALLY INDEPENDENT OF THE EXISTING STRUCTURE, EXISTING LATERAL LOAD-CARRYING STRUCTURAL ELEMENTS SHALL BE PERMITTED TO REMAIN UNALTERED. WHERE THE ADDITION IS NOT STRUCTURALLY INDEPENDENT OF THE EXISTING STRUCTURE, THE EXISTING STRUCTURE AND ITS ADDITION ACTING TOGETHER AS A SINGLE STRUCTURE SHALL MEET THE REQUIREMENTS OF SECTIONS 1609 AND 1613 OF THE INTERNATIONAL BUILDING CODE USING FULL SEISMIC FORCES.

EXCEPTIONS:

2. ANY EXISTING LATERAL LOAD-CARRYING STRUCTURAL ELEMENT WHOSE DEMAND-CAPACITY RATIO WITH THE ADDITION CONSIDERED IS NOT MORE THAN 10 PERCENT GREATER THAN ITS DEMAND-CAPACITY RATIO WITH THE ADDITION IGNORED SHALL BE PERMITTED TO REMAIN UNALTERED. FOR PURPOSES OF CALCULATING DEMAND-CAPACITY RATIOS, THE DEMAND SHALL CONSIDER APPLICABLE LOAD COMBINATIONS WITH DESIGN LATERAL LOADS OR FORCES IN ACCORDANCE WITH SECTIONS 1609 AND 1613 OF THE INTERNATIONAL BUILDING CODE. FOR PURPOSES OF THIS EXCEPTION, COMPARISONS OF DEMAND-CAPACITY RATIOS AND CALCULATION OF DESIGN LATERAL LOADS, FORCES AND CAPACITIES SHALL ACCOUNT FOR THE CUMULATIVE EFFECTS OF ADDITIONS AND ALTERATIONS SINCE ORIGINAL CONSTRUCTION.

SECTION 1107 ENERGY CONSERVATION

1107.1 MINIMUM REQUIREMENTS. ADDITIONS TO EXISTING BUILDINGS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE INTERNATIONAL ENERGY CONSERVATION CODE AS THEY RELATE TO NEW CONSTRUCTION.

ICC300 2017

CHAPTER 3

SECTION 301 GENERAL

301.1 GENERAL. THE CONSTRUCTION OR INSTALLATION OF NEW BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS AND PRESS BOXES SHALL COMPLY WITH THE PROVISIONS OF THIS CHAPTER.

SECTION 302 PERMITTED MATERIALS

302.1 COMBUSTIBILITY AND FLAME SPREAD. BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS SHALL BE PERMITTED TO BE CONSTRUCTED OF COMBUSTIBLE OR NONCOMBUSTIBLE MATERIALS. SUCH INSTALLATIONS WITHIN A BUILDING SHALL NOT BE CONSIDERED INTERIOR FINISH RELATIVE TO THE APPLICATION OF THE BUILDING CODE.

302.2 DURABILITY. MATERIALS USED IN THE CONSTRUCTION OF OUTDOOR INSTALLATIONS SHALL BE WEATHER RESISTANT. WHERE WOOD IS USED, IT SHALL BE NATURALLY DURABLE OR PRESERVATIVE-TREATED WOOD AS DEFINED IN THE BUILDING CODE OR OTHER APPROVED MATERIAL. WHERE FERROUS METAL IS USED, IT SHALL BE PROTECTED FROM CORROSION. FASTENERS SHALL CONSIST OF ALUMINUM OR OTHER APPROVED CORROSION-RESISTANT MATERIALS OR SHALL BE PROVIDED WITH APPROVED CORROSION-RESISTANT COATINGS SUCH AS COPPER OR ZINC.

SECTION 303 STRUCTURAL DESIGN

303.1 DESIGN. THE STRUCTURAL DESIGN SHALL BE IN ACCORDANCE WITH THE BUILDING CODE.

303.2 LOADS BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS SHALL BE DESIGNED FOR A UNIFORM LIVE LOAD OF 100 POUNDS PER SQUARE FOOT (PSF). PRESS BOXES SHALL BE DESIGNED FOR A UNIFORM LIVE LOAD OF 50 PSF. THE COMPONENTS OF THE INSTALLATION SHALL BE DESIGNED TO SUPPORT THE LOADS LISTED IN TABLE 303.2.

303.3 OTHER LOADS. BLEACHERS, FOLDING AND TELESCOPIC SEATING AND GRANDSTANDS, AND PRESS BOXES AND PLATFORMS ATTACHED TO SUCH INSTALLATIONS, SUBJECT TO WIND, SNOW, SEISMIC AND OTHER LOADS, SHALL BE DESIGNED IN ACCORDANCE WITH THE BUILDING CODE..

303.5 LOAD COMBINATIONS. IN ADDITION TO THE LOAD COMBINATIONS REQUIRED TO BE CONSIDERED FOR DESIGN IN ACCORDANCE WITH THE BUILDING CODE, THE ADDITIONAL LOAD COMBINATIONS IN SECTION 303.5.1 OR IN SECTION

303.6 DEFLECTIONS. LIVE LOAD DEFLECTION OF STRUCTURAL MEMBERS SHALL BE LIMITED TO 1/180 OF THE SPAN. EXCEPTION: DEFLECTION OF MEMBERS IN FOLDING AND TELESCOPIC SEATING SHALL NOT BE LIMITED.

303.7 FOUNDATIONS. A FOUNDATION, DESIGNED TO SUPPORT ALL LOADS, SHALL BE PROVIDED AS REQUIRED BY THE BUILDING CODE.

SECTION 305 SPACES BENEATH SEATS

305.1 SPACES BENEATH SEATS SPACES BENEATH OR ADJACENT TO SEATING STRUCTURES SHALL COMPLY WITH THE BUILDING CODE AND FIRE CODE.

SECTION 306 CLEAR HEIGHT

306.1 CLEAR HEIGHT. THE CLEAR HEIGHT OF AISLE ACCESSWAYS, AISLES AND PORTIONS OF THE MEANS OF EGRESS SYSTEM SHALL BE A MINIMUM OF 80 INCHES.

308.1 ELECTRICAL. THE ELECTRICAL SYSTEM SHALL COMPLY WITH THE ELECTRICAL CODE.
SECTION 309 FIRE PROTECTION

309.1 FIRE PROTECTION FIRE PROTECTION SYSTEMS SHALL BE PROVIDED WHERE REQUIRED BY THE BUILDING CODE.

EXCEPTIONS:

1. AN EMERGENCY VOICE/ALARM SYSTEM IS NOT REQUIRED FOR OUTDOOR BLEACHER-TYPE SEATING PROVIDED ALL OF THE FOLLOWING ARE MET:

1.1 THE BLEACHER-TYPE SEATING HAS AN OCCUPANT LOAD OF LESS THAN 15,000;

1.2 A PUBLIC ADDRESS SYSTEM WITH STANDBY POWER IS PROVIDED;

1.3 ENCLOSED SPACES ATTACHED OR IMMEDIATELY ADJACENT TO THE BLEACHER-TYPE SEATING COMPRISE, IN THE AGGREGATE, 10 PERCENT OR LESS OF THE OVERALL AREA OF THE BLEACHER-TYPE SEATING OR 1,000 SQUARE FEET, WHICHEVER IS LESS.

1.4 SPACES UNDER THE BLEACHER-TYPE SEATING SHALL BE SEPARATED FROM THE BLEACHER-TYPE SEATING IN ACCORDANCE WITH SECTION 1029.1.1.1 OF THE INTERNATIONAL BUILDING CODE.

1.5 ALL MEANS OF EGRESS FROM THE BLEACHER-TYPE SEATING ARE OPEN TO THE OUTSIDE.

2. AN EMERGENCY VOICE/ALARM SYSTEM IS NOT REQUIRED FOR OUTDOOR BLEACHER-TYPE SEATING WITH AN OCCUPANT LOAD OF 300 OR LESS.

3. AN EMERGENCY VOICE/ALARM SYSTEM IS NOT REQUIRED FOR TEMPORARY OUTDOOR BLEACHER-TYPE SEATING PROVIDING ALL OF THE FOLLOWING ARE MET:

3.1 THERE ARE NO ENCLOSED SPACES UNDER OR ATTACHED TO THE BLEACHER-TYPE SEATING;

3.2 THE BLEACHER-TYPE SEATING IS ERECTED FOR A PERIOD OF LESS THAN 180 DAYS;

3.3 EVACUATION OF THE BLEACHER-TYPE SEATING IS INCLUDED IN AN APPROVED FIRE SAFETY PLAN.

SECTION 310 ACCESSIBILITY

310.1 ACCESSIBILITY. TIERED SEATING SHALL BE ACCESSIBLE AS REQUIRED BY THE BUILDING CODE.

CHAPTER 4

SECTION 401 GENERAL

401.1 GENERAL. THE MEANS OF EGRESS FOR NEW BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS SHALL COMPLY WITH THIS CHAPTER.
SECTION 401 TRAVEL

402.1 EXIT ACCESS. TRAVEL WITHIN TIERED SEATING SHALL BE CONSIDERED EXIT ACCESS. EXIT ACCESS INCLUDES AISLES, CROSS-AISLES, SLOPED OR LEVEL WALKING SURFACES, VOMITORIES, TUNNELS, STAIRS AND RAMPS CONNECTING THE TIERED SEATING STRUCTURE TO OTHER PORTIONS OF A BUILDING, STRUCTURE OR GRADE.
SECTION 403 OCCUPANT LOAD

403.1 OCCUPANT LOAD. WHERE BENCH SEATING IS USED, THE NUMBER OF PERSONS SHALL BE BASED ON ONE PERSON FOR EACH 18 INCHES OF LENGTH OF THE BENCH. WHERE INDIVIDUAL SEATS ARE PROVIDED, THE OCCUPANT LOAD SHALL BE BASED ON ONE PERSON PER SEAT. THE OCCUPANT LOAD OF REVIEWING STANDS AND PRESS BOXES SHALL BE BASED ON 5 SQUARE FEET PER PERSON FOR STANDING SPACE AND 7 SQUARE FEET PER PERSON FOR MOVABLE CHAIR SEATING SPACE. THE OCCUPANT LOAD FOR SECURITY, AUDIO AND CAMERA PLATFORMS SHALL BE BASED ON THE ACTUAL NUMBER OF OCCUPANTS.

SECTION 404 GENERAL MEANS OF EGRESS

404.1 MINIMUM NUMBER OF EXITS. THE MINIMUM NUMBER OF EXITS SHALL BE PROVIDED FROM THE SEATING AREA BASED ON THE OCCUPANT LOADS IN TABLE 404.1 AND IN ACCORDANCE WITH THE CALCULATED WIDTH REQUIREMENT FOR EGRESS CAPACITY IN SECTION 404.5. ACCESSIBLE MEANS OF EGRESS SHALL BE PROVIDED AS REQUIRED BY SECTION 1009 OF THE INTERNATIONAL BUILDING CODE.

EXCEPTION: FOR OPEN-AIR ASSEMBLY SEATING INSTALLATIONS WHERE THE MEANS OF EGRESS CONVERGE, A MINIMUM OF TWO EGRESS PATHS SHALL BE PROVIDED, SIZED TO ACCOMMODATE THE OCCUPANT LOAD SERVED. TWO EXITS ARE PROVIDED.

404.3 EXTERIOR INSTALLATIONS. FOR EXTERIOR INSTALLATIONS, THE EXIT DISCHARGE SHALL PROVIDE A DIRECT AND UNOBSTRUCTED ACCESS TO A PUBLIC WAY.

404.5 REQUIRED WIDTH. THE CLEAR WIDTH OF AISLES AND OTHER MEANS OF EGRESS FOR OPEN-AIR ASSEMBLY SEATING SHALL NOT BE LESS THAN THE OCCUPANT LOAD SERVED BY THE EGRESS ELEMENTS MULTIPLIED BY THE APPROPRIATE FACTOR IN TABLE 404.5(3). THE TOTAL NUMBER OF SEATS SPECIFIED SHALL BE THOSE WITHIN THE SPACE EXPOSED TO THE SAME ENVIRONMENT. AISLES SHALL ALSO COMPLY WITH SECTION 405. WHERE THE WIDTH OF THE STAIR AND STEPPED AISLE EXCEEDS 30 INCHES FROM A HANDRAIL, THE CAPACITY OF THE STAIR AND STEPPED AISLE SHALL BE DETERMINED BY ADDING THE CAPACITY OF THE AISLE WITHIN 30 INCHES OF THE HANDRAIL AND THE CAPACITY OF THE STAIR OR STEPPED AISLE BEYOND 30 INCHES OF THE HANDRAIL.

404.5.1 MEASUREMENT. THE CLEAR WIDTH OF AISLES AND OTHER MEANS OF EGRESS SHALL BE MEASURED TO WALLS, EDGES OF SEATING AND TREAD EDGES EXCEPT FOR PERMITTED PROJECTIONS. THERE SHALL BE NO OBSTRUCTIONS IN THE REQUIRED WIDTH OF AISLES EXCEPT FOR HANDRAILS AS PROVIDED IN SECTION 409.7.

404.6 CLEAR HEIGHT. CLEAR HEIGHT SHALL COMPLY WITH SECTION 306.1.

SECTION 405 AISLES

405.1 AISLES. THE MINIMUM WIDTH OF AISLES SHALL BE IN ACCORDANCE WITH SECTION 404.5, BUT NOT LESS THAN THAT REQUIRED BY THIS SECTION.

TABLE 404.5(3) WIDTH OF AISLES AND MEANS OF EGRESS FOR OPEN-AIR ASSEMBLY SEATING

TOTAL NUMBER OF SEATS IN THE OPEN-AIR ASSEMBLY OCCUPANCY	INCHES OF CLEAR WIDTH PER SEAT SERVED			
	Stairs and stepped aisles with handrails within 30 inches	Stairs and stepped aisles without handrails within 30 inches	Passageways, doorways and ramps not steeper than in 1:10 slope	Ramps steeper than in 1:10 slope
Equal to or less than 15,000	0.080	0.080	0.060	0.066
20,000	0.076	0.095	0.056	0.062
Equal to or greater than 25,000	0.060	0.075	0.044	0.048

405.2 MINIMUM AISLE WIDTH. THE MINIMUM CLEAR WIDTH OF AISLES SHALL BE AS FOLLOWS.

1. FORTY-EIGHT INCHES FOR STEPPED AISLES HAVING SEATING ON EACH SIDE.

2. THIRTY-SIX INCHES FOR STEPPED AISLES HAVING SEATING ON ONLY ONE SIDE.

3. TWENTY-THREE INCHES BETWEEN A STEPPED AISLE HANDRAIL OR GUARD AND SEATING WHERE THE AISLE HAS A MID-AISLE HANDRAIL.

4. FORTY-TWO INCHES FOR LEVEL OR RAMPED AISLES HAVING SEATING ON BOTH SIDES.

405.3 AISLE WIDTH. THE AISLE WIDTH SHALL PROVIDE SUFFICIENT EGRESS CAPACITY FOR THE NUMBER OF PERSONS ACCOMMODATED BY THE CATCHMENT AREA SERVED BY THE AISLE IN ACCORDANCE WITH SECTION 404.5. THE CATCHMENT AREA SERVED BY AN AISLE IS THAT PORTION OF THE TOTAL SPACE THAT IS SERVED BY THAT SECTION OF THE AISLE. IN ESTABLISHING CATCHMENT AREAS, THE ASSUMPTION SHALL BE MADE THAT THERE IS A BALANCED USE OF ALL MEANS OF EGRESS, WITH THE NUMBER OF PERSONS IN PROPORTION TO EGRESS CAPACITY.

405.4 CONVERGING AISLES. WHERE AISLES CONVERGE TO FORM A SINGLE PATH OF EGRESS TRAVEL, THE REQUIRED EGRESS CAPACITY OF THAT PATH SHALL NOT BE LESS THAN THE COMBINED REQUIRED CAPACITY OF THE CONVERGING AISLES.

405.5 UNIFORM WIDTH. THOSE PORTIONS OF AISLES, WHERE EGRESS IS POSSIBLE IN EITHER OF TWO DIRECTIONS, SHALL BE UNIFORM IN WIDTH AND SHALL BE MEASURED IN ACCORDANCE WITH SECTION 404.5.1.

405.6 DEAD ENDS. THE LENGTH OF A DEAD-END AISLE SHALL NOT EXCEED 16 ROWS IN NONSMOKE-PROTECTED ASSEMBLY SEATING AND 21 ROWS IN SMOKE-PROTECTED ASSEMBLY SEATING.
EXCEPTIONS: DEAD-END AISLES TERMINATING AT A CROSS AISLE OR VOMITORY PROVIDING ACCESS TO AN EXIT AT ONLY ONE END AND COMPLYING WITH ANY ONE OF THE FOLLOWING SHALL BE PERMITTED.

2. FOR SMOKE-PROTECTED OR OPEN-AIR ASSEMBLY SEATING, DEAD-END AISLES EXCEEDING 21 ROWS ARE PERMITTED WHERE SEATS BEYOND THE TWENTY-FIRST ROW ARE NO MORE THAN 40 SEATS FROM ANOTHER AISLE, MEASURED ALONG A ROW OF SEATING HAVING AN AISLE ACCESSWAY WITH A MINIMUM CLEAR WIDTH OF 12 INCHES PLUS 0.3 INCH FOR EACH ADDITIONAL SEAT BEYOND SEVEN WHERE SEATS HAVE BACKRESTS OR BEYOND TEN WHERE SEATS ARE WITHOUT BACKRESTS IN THE ROW.

SECTION 406 STAIRS AND STEPPED AISLES

406.1 STAIRS. STAIR TREADS AND RISERS SHALL BE AS REQUIRED BY THE BUILDING CODE. STEPPED AISLES SHALL COMPLY WITH SECTIONS 406.2 THROUGH 406.7.
EXCEPTION: A STAIR THAT CONNECTS A STEPPED AISLE TO A CROSS AISLE SHALL BE PERMITTED TO COMPLY WITH THE STEPPED AISLE REQUIREMENTS OF SECTIONS 406.2 THROUGH 406.7.

406.2 TREADS AND RISERS. STEPPED AISLES SHALL CONSIST OF A SERIES OF TREADS AND RISERS THAT EXTEND ACROSS THE FULL WIDTH OF THE AISLE. STEPPED AISLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THIS SECTION.

406.3 TREAD DEPTH TREAD DEPTH SHALL BE A MINIMUM OF 11 INCHES. THE TOLERANCE BETWEEN ADJACENT TREADS SHALL NOT EXCEED 0.188 INCH. EXISTING TREAD DEPTH IS 12.75 INCHES AND DEPTH VARIES BETWEEN TREADS

406.5 TREAD MARKING STRIPE. A CONTRASTING MARKING STRIPE SHALL BE PROVIDED ON EACH TREAD AT THE NOSING OR LEADING EDGE SUCH THAT THE LOCATION OF EACH TREAD IS READILY APPARENT WHEN VIEWED IN DESCENT. SUCH STRIPE SHALL BE NOT LESS THAN 1 INCH, AND NOT MORE THAN 2 INCHES, WIDE.

406.6 RISER HEIGHT. RISER HEIGHT SHALL BE NOT LESS THAN 4 INCHES NOR MORE THAN 8 INCHES. RISERS HEIGHT IS 6 7/8 INCHES

406.7 RISER CONSTRUCTION RISERS SHALL BE OF SOLID CONSTRUCTION.

406.8 DIMENSIONAL UNIFORMITY. STEPPED AISLE TREADS AND RISERS SHALL BE OF UNIFORM SIZE AND SHAPE. THE TOLERANCE BETWEEN THE LARGEST AND SMALLEST RISER OR BETWEEN THE LARGEST AND SMALLEST TREAD SHALL NOT EXCEED 0.375 INCH IN ANY FLIGHT OF THE STEPPED AISLE.

406.8.1 TREAD AND RISER NONUNIFORMITY PERMITTED. TREADS AND RISERS LOCATED IN TRANSITION AREAS BETWEEN ADJACENT TIERED SEATING ELEMENTS, PARABOLIC SEATING CONFIGURATIONS OR ONTO OR OFF OF TIERED SEATING ARE NOT REQUIRED TO BE OF UNIFORM DEPTH OR HEIGHT WHERE A MID-AISLE HANDRAIL IS PROVIDED. THE HANDRAIL SHALL MEET THE REQUIREMENTS OF SECTION 409. MID-AISLE HANDRAILS IN TRANSITION AREAS SHALL EXTEND THE FULL LENGTH OF THE TRANSITION AND A MINIMUM OF ONE TREAD DEPTH, PARALLEL TO THE RUN OF THE STEPPED AISLES, ABOVE AND BELOW THE UPPERMOST AND LOWERMOST RISER IN THE TRANSITION. WHERE EXTENSIONS OF THE AISLE HANDRAIL INTERFERE WITH ADJACENT MEANS OF EGRESS, THE HANDRAIL EXTENSION SHALL TERMINATE AT THE RISER.

406.8.2 TREAD MARKING STRIPE AT NONUNIFORMITY. WHERE TREAD OR RISER NONUNIFORMITY EXCEEDS 0.188 INCH, A DISTINCTIVE MARKING STRIPE SHALL BE PROVIDED ON EACH TREAD ADJACENT TO THE NONUNIFORM TREAD OR RISER. THE MARKING SHALL BE PROVIDED ON EACH TREAD AT THE NOSING OR LEADING EDGE SUCH THAT THE LOCATION OF EACH TREAD IS READILY APPARENT WHEN VIEWED IN DESCENT. SUCH STRIPE SHALL BE A MINIMUM OF 1 INCH WIDE AND A MAXIMUM OF 2 INCHES WIDE. THE EDGE MARKING STRIPE SHALL BE DISTINCTIVELY DIFFERENT FROM THE STEPPED AISLE CONTRASTING MARKING STRIPE OF SECTION 406.5.

SECTION 407 AISLE ACCESSWAYS EXISTING CONDITION IS NON-COMPLIANT, BUT WORK INCREASES COMPLIANCE

407.1 REQUIRED AISLE ACCESSWAYS. AISLE ACCESSWAYS SHALL BE PROVIDED ABOVE THE FIRST ROW OF SEATING. AISLE ACCESSWAYS LOCATED MORE THAN 30 INCHES ABOVE THE FLOOR OR GROUND BELOW SHALL BE CONSTRUCTED SUCH THAT OPENINGS SHALL NOT ALLOW THE PASSAGE OF A SPHERE GREATER THAN 4 INCHES IN DIAMETER. WHERE BLEACHER-TYPE SEATING IS UTILIZED, SUCH SEATS SHALL BE A MINIMUM DEPTH OF 9 INCHES. ROW-TO ROW SPACING SHALL BE A MINIMUM OF 22 INCHES.

407.2 MINIMUM WIDTH. THE MINIMUM CLEAR AISLE ACCESSWAY WIDTH SHALL NOT BE LESS THAN 12 INCHES MEASURED AS THE CLEAR HORIZONTAL DISTANCE FROM THE BACK OF THE ROW AHEAD AND THE NEAREST PROJECTION OF THE ROW BEHIND.

407.3 DUAL ACCESS. FOR ROWS OF SEATING SERVED BY AISLES OR DOORWAYS AT BOTH ENDS, THERE SHALL NOT BE MORE THAN 100 SEATS PER ROW.
EXCEPTION: FOR OPEN-AIR ASSEMBLY SEATING, THE ROW LENGTH LIMITS FOR A 12-INCH-WIDE AISLE ACCESSWAY, BEYOND WHICH THE AISLE ACCESSWAY MINIMUM CLEAR WIDTH SHALL BE INCREASED, ARE IN TABLE 407.5.

407.4 SINGLE ACCESS. FOR ROWS OF SEATING SERVED BY AISLES AT ONLY ONE END OF THE ROW, THE MINIMUM CLEAR WIDTH OF 12 INCHES BETWEEN ROWS SHALL BE INCREASED BY 0.6 INCH FOR EVERY ADDITIONAL SEAT BEYOND TEN WHERE SEATS ARE WITHOUT BACKRESTS. THE MINIMUM CLEAR WIDTH IS NOT REQUIRED TO EXCEED 22 INCHES.

EXCEPTION: FOR OPEN-AIR ASSEMBLY SEATING, THE ROW LENGTH LIMITS FOR A 12-INCH-WIDE AISLE ACCESSWAY, BEYOND WHICH THE AISLE ACCESSWAY MINIMUM CLEAR WIDTH SHALL BE INCREASED, ARE IN TABLE 407.5.

407.4.1 PATH OF EGRESS TRAVEL. FOR ROWS OF SEATING SERVED BY ONLY ONE PATH OF EGRESS TRAVEL, THE COMMON PATH OF EGRESS TRAVEL SHALL NOT EXCEED 30 FEET FROM ANY SEAT TO A POINT WHERE A PERSON HAS A CHOICE OF TWO PATHS OF EGRESS TRAVEL TO TWO EXITS.

EXCEPTIONS:

1. IN SMOKE-PROTECTED OR OPEN-AIR ASSEMBLY SEATING, THE COMMON PATH OF EGRESS TRAVEL SHALL NOT EXCEED 50 FEET FROM ANY SEAT TO A POINT WHERE A PERSON HAS A CHOICE OF TWO PATHS OF EGRESS TRAVEL TO TWO EXITS.

2. FOR AREAS SERVING LESS THAN 50 OCCUPANTS, THE COMMON PATH OF EGRESS TRAVEL SHALL NOT EXCEED 75 FEET FROM ANY SEAT TO A POINT WHERE A PERSON HAS A CHOICE OF TWO PATHS OF EGRESS TRAVEL TO TWO EXITS.

3. WHERE BENCH-TYPE SEATING WITHOUT BACKRESTS IS UTILIZED AND THE TOP OF THE BENCH IS NO MORE THAN 7 INCHES ABOVE THE FOOTREST IMMEDIATELY BEHIND, THE COMMON PATH OF EGRESS TRAVEL SHALL NOT EXCEED 75 FEET FROM ANY SEAT TO A POINT WHERE A PERSON HAS A CHOICE OF TWO PATHS OF EGRESS TRAVEL TO TWO EXITS.

407.4.2 PATH THROUGH ADJACENT ROWS. WHERE ONE OF THE TWO PATHS OF TRAVEL IS ACROSS THE AISLE THROUGH A ROW OF SEATS TO ANOTHER AISLE, THERE SHALL NOT BE MORE THAN 24 SEATS BETWEEN THE TWO AISLES; AND THE MINIMUM CLEAR WIDTH BETWEEN ROWS FOR THE ROW BETWEEN THE TWO AISLES SHALL BE 12 INCHES PLUS 0.6 INCH FOR EACH ADDITIONAL SEAT BEYOND SEVEN WHERE SEATS HAVE BACKRESTS OR BEYOND TEN WHERE SEATS ARE WITHOUT BACKRESTS IN THE ROW BETWEEN AISLES.

EXCEPTION: FOR SMOKE-PROTECTED OR OPEN-AIR ASSEMBLY SEATING THERE SHALL NOT BE MORE THAN 40 SEATS BETWEEN THE TWO AISLES AND THE MINIMUM CLEAR WIDTH SHALL BE 12 INCHES PLUS 0.3 INCH FOR EACH ADDITIONAL SEAT BEYOND SEVEN WHERE SEATS HAVE BACKRESTS OR BEYOND TEN WHERE SEATS ARE WITHOUT BACKRESTS IN THE ROW BETWEEN AISLES.

407.5 AISLE ACCESSWAYS. THE DESIGN OF AISLE ACCESSWAYS IN SMOKE-PROTECTED OR OPEN-AIR ASSEMBLY SEATING SHALL COMPLY WITH TABLE 407.5. EXISTING AISLES MAINTAINED AND WIDENED.

TABLE 407.5 AISLE ACCESSWAYS IN SMOKE-PROTECTED OR OPEN-AIR ASSEMBLY SEATING

TOTAL NUMBER OF SEATS IN THE SMOKE-PROTECTED OR OPEN-AIR ASSEMBLY OCCUPANCY	MAXIMUM NUMBER OF SEATS PER ROW PERMITTED TO HAVE A MINIMUM 12-INCH CLEAR WIDTH AISLE ACCESSWAY			
	Aisle or doorway at both ends of row		Aisle or doorway at one end of row only	
	Seats with backrests	Seats without backrests	Seats with backrests	Seats without backrests
Less than 4,000	14	21	7	10
4,000	15	22	7	10
7,000	16	23	8	11
10,000	17	24	8	11
13,000	18	25	9	12
16,000	19	26	9	12
19,000	20	27	10	13
22,000 and greater	21	28	11	14

SECTION 408 GUARDS

408.1 REQUIRED GUARDS. GUARDS SHALL BE PROVIDED IN THE FOLLOWING AREAS.

1. ALONG OPEN-SIDED WALKING SURFACES, CROSS AISLES, STEPPED AISLES, RAMPS AND LANDINGS OF TIERED SEATING AREAS WHICH ARE LOCATED MORE THAN 30 INCHES ABOVE THE FLOOR OR GRADE BELOW. SUCH GUARDS SHALL BE NOT LESS THAN 42 INCHES HIGH, MEASURED VERTICALLY ABOVE THE LEADING EDGE OF THE TREAD, ADJACENT WALKING SURFACE OR ADJACENT BENCH SEAT.

EXCEPTION: A GUARD IS NOT REQUIRED WHERE THE TIERED SEATING IS LOCATED ADJACENT TO A WALL AND THE SPACE BETWEEN THE WALL AND THE TIERED SEATING IS LESS THAN 4 INCHES.

2. WHERE AN ELEVATION CHANGE OF 30 INCHES OR LESS OCCURS BETWEEN A CROSS AISLE AND THE ADJACENT FLOOR OR GRADE BELOW, GUARDS NOT LESS THAN 26 INCHES ABOVE THE AISLE FLOOR SHALL BE PROVIDED.

EXCEPTION: WHERE THE BACKS OF SEATS ON THE FRONT OF THE CROSS AISLE PROJECT 24 INCHES OR MORE ABOVE THE ADJACENT FLOOR OF THE AISLE, A GUARD NEED NOT BE PROVIDED.

3. A GUARD SHALL BE PROVIDED FOR THE FULL WIDTH OF AN AISLE WHERE THE LOWEST POINT OF THE AISLE IS MORE THAN 30 INCHES ABOVE THE FLOOR OR GROUND BELOW. THE GUARD SHALL BE A MINIMUM OF 36 INCHES HIGH AND SHALL PROVIDE A MINIMUM 42 INCHES MEASURED DIAGONALLY BETWEEN THE TOP OF THE RAIL AND THE NOSING OF THE NEAREST AISLE STEP.

4. UNLESS SUBJECT TO THE REQUIREMENTS OF ITEM 3, A GUARD WITH A MINIMUM HEIGHT OF 26 INCHES SHALL BE PROVIDED WHERE THE FLOOR OR FOOTBOARD ELEVATION IS MORE THAN 30 INCHES ABOVE THE FLOOR OR GRADE BELOW AND THE GUARD WOULD OTHERWISE INTERFERE WITH THE SIGHTLINES OF IMMEDIATELY ADJACENT SEATING.

408.2 OPENING LIMITATIONS. OPEN GUARDS SHALL BE CONSTRUCTED OF MATERIALS SUCH THAT A 4-INCH-DIAMETER SPHERE CANNOT PASS THROUGH ANY OPENING UP TO A HEIGHT OF 34 INCHES. FROM A HEIGHT OF 34 INCHES TO 42 INCHES ABOVE THE ADJACENT WALKING SURFACES, A SPHERE 8 INCHES IN DIAMETER SHALL NOT PASS.

EXCEPTIONS:

1. THE TRIANGULAR OPENING FORMED BY THE RISER, TREAD AND BOTTOM RAIL AT THE OPEN SIDE OF A STEPPED AISLE OR TIERED SEATING SHALL BE OF A MAXIMUM SIZE SUCH THAT A SPHERE OF 6 INCHES IN DIAMETER CANNOT PASS THROUGH THE OPENING.

2. GUARDS AT THE END OF AISLES WHERE THEY TERMINATE AT A FASCIA OF BOXES, BALCONIES AND GALLERIES SHALL HAVE BALUSTERS OR ORNAMENTAL PATTERNS SUCH THAT A 4-INCHDIAMETER SPHERE CANNOT PASS THROUGH ANY OPENING UP TO A HEIGHT OF 26 INCHES. FROM A HEIGHT OF 26 INCHES OR GREATER ABOVE THE ADJACENT WALKING SURFACES, A SPHERE 8 INCHES IN DIAMETER SHALL NOT PASS.

3. THE OPENING LIMITATION SHALL NOT APPLY TO GUARDS REQUIRED IN ACCORDANCE WITH ITEM 2 OF SECTION 408.1.

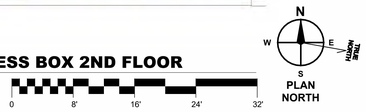
408.3 GUARD DESIGN. GUARDS AND THEIR ATTACHMENT SHALL BE DESIGNED TO RESIST THE LOADS INDICATED IN SECTION 303.

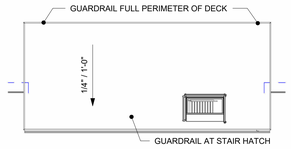
SECTION 409 HANDRAILS

409.1 REQUIRED HANDRAILS. WHERE SEATS ARE LOCATED ON BOTH SIDES OF A STEPPED AISLE, A MINIMUM OF ONE MID-AISLE HANDRAIL SHALL BE PROVIDED. WHERE SEATS ARE LOCATED ON ONE SIDE OF A STEPPED AISLE, A MINIMUM OF ONE HANDRAIL SHALL BE PROVIDED ON THE SIDE OF THE STEPPED AIS

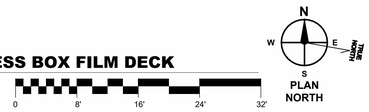


3 VISITOR PRESS BOX 2ND FLOOR
A0.4 1/8" = 1'-0"



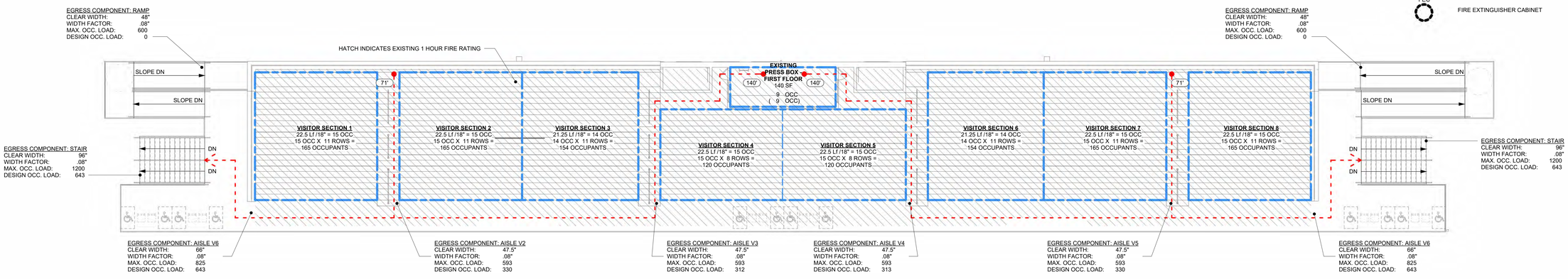


4 HOME PRESS BOX FILM DECK
A0.4 1/8" = 1'-0"



LEGEND

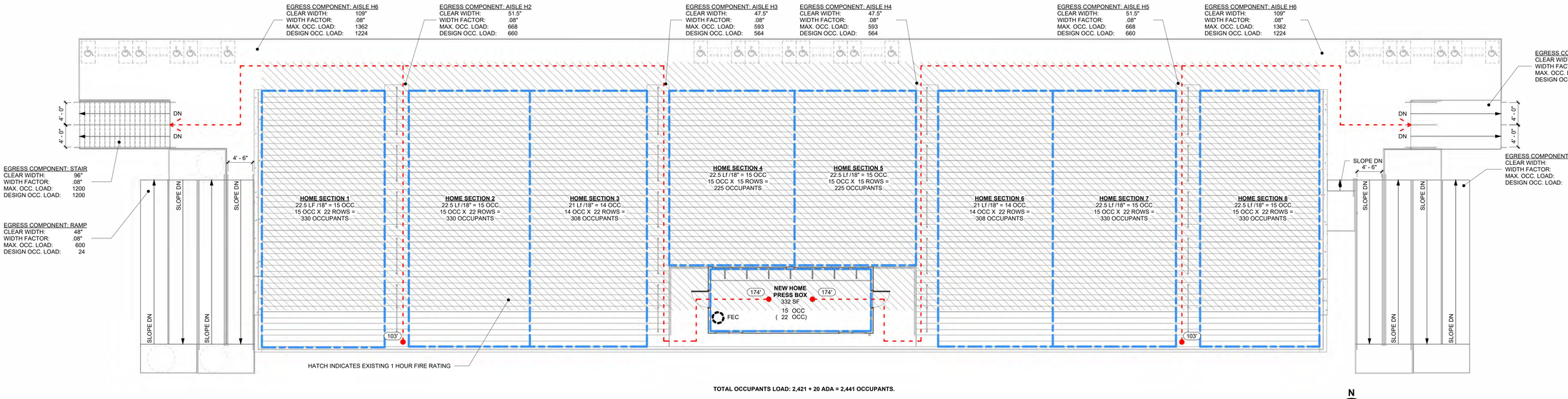
- EXIT PATH LEADING TO A HORIZONTAL OR EXTERIOR EXIT
- INDICATES (1) HR FIRE RATED ASSEMBLY
- CLASSROOM 551 SF 27 OCC (35 OCC) — ROOM NAME; SPACE SQUARE FOOTAGE; DESIGNED OCCUPANT LOAD; MAX OCCUPANT LOAD, BASED ON USE & AREA PER 2018 IBC
- DOOR 446 120" 420 — EGRESS COMPONENT; MAXIMUM CAPACITY OF EGRESS COMPONENT PER IBC 2018; CLEAR WIDTH OF EGRESS COMPONENT PER OCCUPANT; MAXIMUM TRAVEL DISTANCE (IN FEET) 250' ALLOWED
- XXX — DESIGNED OCCUPANT LOAD OF EGRESS COMPONENT
- FEC — FIRE EXTINGUISHER CABINET



TOTAL OCCUPANT LOAD: 1,239 + 12 ADA = 1,251 OCCUPANTS

7 VISITOR BLEACHER LIFE SAFETY PLAN
A0.4 1/8" = 1'-0"





TOTAL OCCUPANTS LOAD: 2,421 + 20 ADA = 2,441 OCCUPANTS.

2 HOME BLEACHERS LIFE SAFETY PLAN
A0.4 1/8" = 1'-0"



MAROTTA/MAIN ARCHITECTS
WWW.MAROTTAMAIN.COM

THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND SHALL NOT BE USED IN ANY FORM WITHOUT WRITTEN PERMISSION

SEAL:

School District of Lancaster
Together We Can!

CONSULTANT:

RENOVATIONS
J.P. MCCASKEY STADIUM
PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES
DATE: 01/06/2025
DESCRIPTION: BID DOCUMENTS

PROJ # : 24-SDL-03 DRAWN BY : SAB

SHEET TITLE:

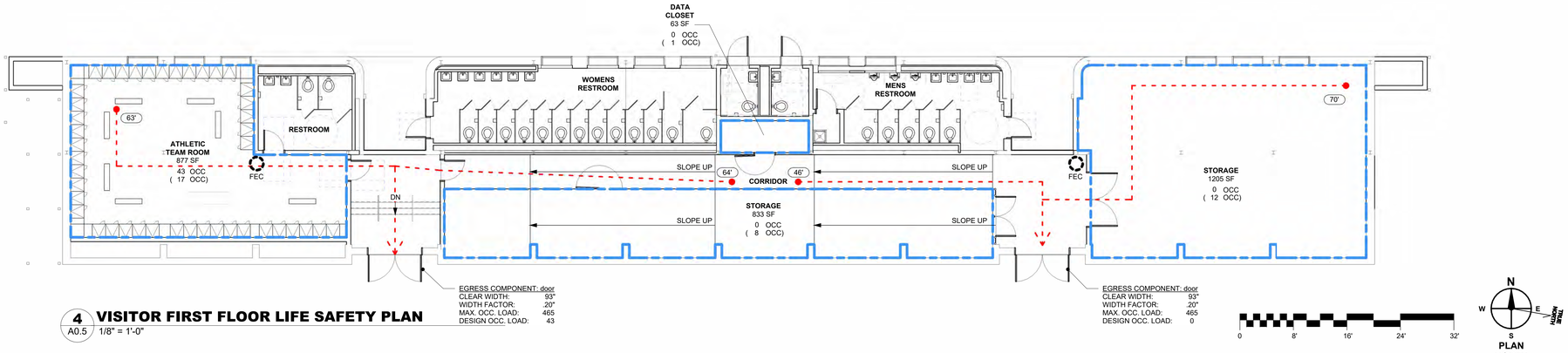
LIFE SAFETY PLANS - BLEACHERS

SHEET NUMBER:

A0.4

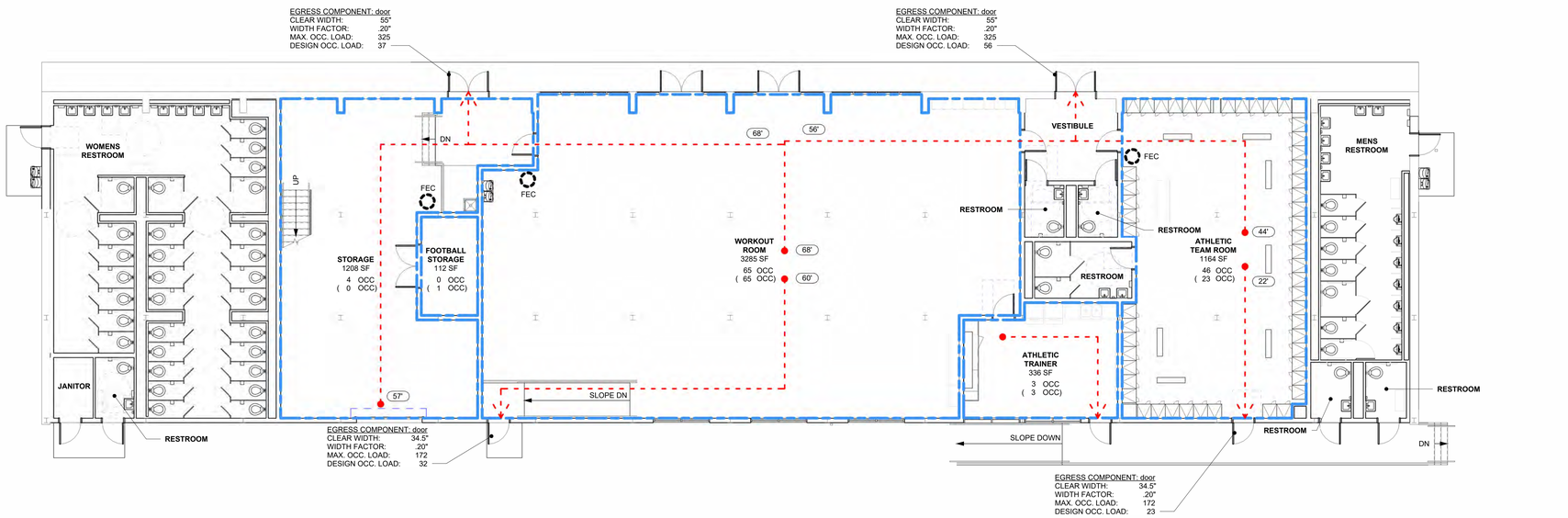
BID DOCUMENTS

1/6/2025 5:21:36 PM



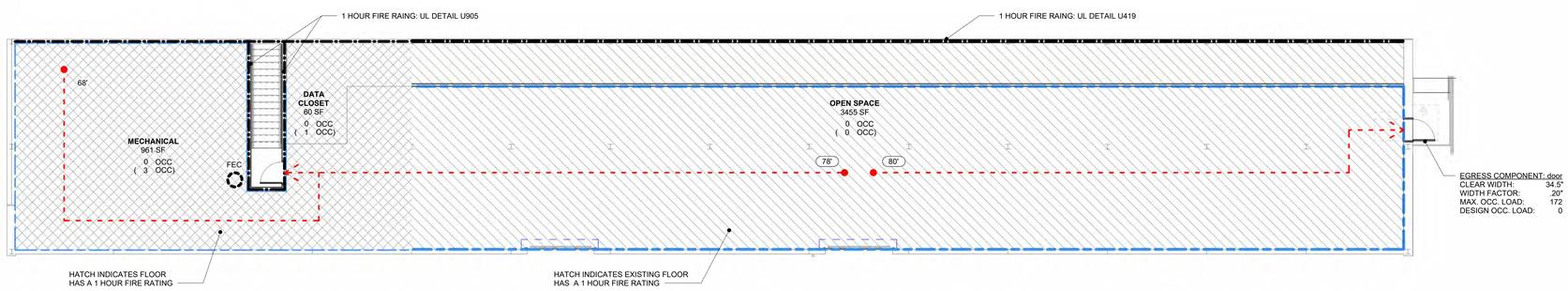
4 VISITOR FIRST FLOOR LIFE SAFETY PLAN

A0.5 1/8" = 1'-0"



5 HOME FIRST FLOOR LIFE SAFETY PLAN

A0.5 1/8" = 1'-0"



6 HOME SECOND FLOOR LIFE SAFETY PLAN

A0.5 1/8" = 1'-0"

1/6/2025 5:21:45 PM

MAROTTA/MAIN ARCHITECTS
WWW.MAROTTAMAIN.COM

THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND MAY NOT BE USED IN ANY FORM WITHOUT WRITTEN PERMISSION

SEAL:

School District of Lancaster
Together We Can!

CONSULTANT:

RENOVATIONS
J.P. MCCASKEY STADIUM
PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES
DATE: 01/06/2025
DESCRIPTION: BID DOCUMENTS

PROJ # : 24-SOL-03 DRAWN BY : SAB

SHEET TITLE:

LIFE SAFETY FLOOR PLANS

SHEET NUMBER:

A0.5

BID DOCUMENTS

Design No. U905

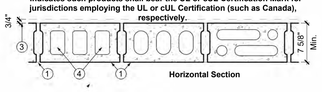
October 02, 2014

Bearing Wall Rating — 2 HR.

Nonbearing Wall Rating — 2 HR.

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used - See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



Horizontal Section

1. **Concrete Blocks* —** Various designs. Classification D-2 (2 hr).

See **Concrete Blocks** category for list of eligible manufacturers.

2. **Mortar —** Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.

3. **Portland Cement Stucco or Gypsum Plaster —** Add 1/2 hr to classification if used. Where combustible members are framed in wall, plaster or stucco must be applied on the face opposite framing to achieve a max. Classification of 1-1/2 hr. Attached to concrete blocks (Item 1).

4. **Loose Masonry Fill —** If all core spaces are filled with loose dry expanded slag, expanded clay or shale (Rotary Kiln Process), water repellant vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation add 2 hr to classification.

5. **Foamed Plastic* —** (Optional-Not Shown) — 1-1/2 in. thick max, 4 ft wide sheathing attached to concrete blocks (Item 1).

ATLAS ROOFING CORP — "EnergyShield Pro Wall Insulation" and "EnergyShield Pro 2 Wall Insulation."

HUNTER PANELS — Type Xci-Class A, Xci 286

THE DOW CHEMICAL CO — Type Thermax Sheathing, Thermax Light Duty Insulation, Thermax Heavy Duty Insulation, Thermax Metal Building Board, Thermax White Finish Insulation, Thermax ci Exterior Insulation, Thermax IH Insulation, Thermax Plus Liner Panel and Thermax Heavy Duty Plus (HDP)

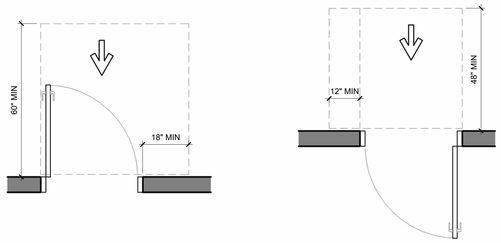
DESIGN NO. UL U419

FIRE RATING:	1 HOUR
STC RATING:	50
SOUND TEST:	USG-160727
SYSTEM THICKNESS:	5-1/2" [140 MM]
LOCATION:	INTERIOR
FRAMING TYPE:	STEEL STUD (NONLOAD-BEARING)



ASSEMBLY REQUIREMENTS:

GYPSUM PANELS:	TWO LAYERS 5/8" [15.9 MM] SHEETROCK® ECOSMART GYPSUM PANEL (UL TYPE ULIX™)
STEEL STUDS:	3-5/8" STEEL STUDS, EQ20 (0.018"), 24" O.C.
INSULATION:	3-1/2" FIBERGLASS INSULATION
GYPSUM PANELS:	ONE LAYER 5/8" [15.9 MM] SHEETROCK® ECOSMART GYPSUM PANEL (UL TYPE ULIX™)

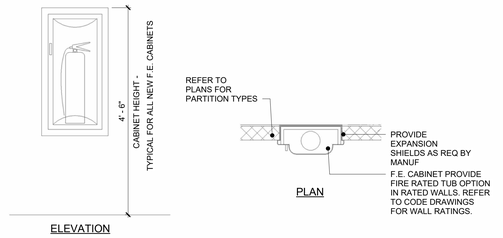


(A) FRONT APPROACH, PULL SIDE

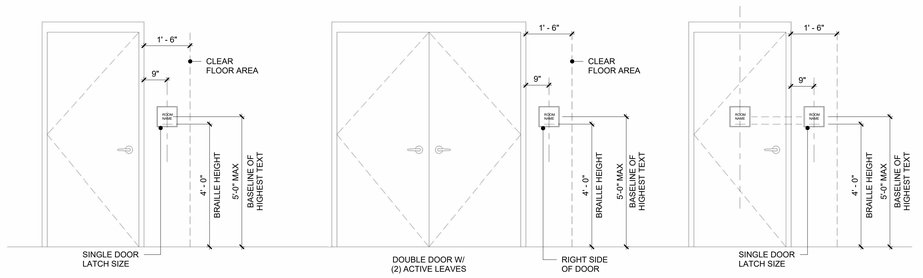
*IF BOTH CLOSER AND LATCH ARE PROVIDED
(B) FRONT APPROACH, PUSH SIDE

REFER TO SECTION 404.2.3 MANEUVERING CLEARNANCES FOR ADDITIONAL COMPLIANCE INFORMATION.

1 ACCESSIBLE DOOR SWING APPROACH
1/2" = 1'-0"



2 F.E. CAB INSTALLATION DETAIL
3/4" = 1'-0"



NOTE: REFER TO SPECIFICATIONS FOR SIGNAGE SIZE AND LOCATION REQUIREMENTS.

3 TACTILE SIGNAGE
1/2" = 1'-0"

MAROTTA/MAIN ARCHITECTS
WWW.MAROTTAMAIN.COM

THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND IS NOT TO BE USED IN ANY FORM WITHOUT WRITTEN PERMISSION

SEAL:

School District of Lancaster
Together We Can!

CONSULTANT:

RENOVATIONS
J.P. MCCASKEY STADIUM
PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES

DATE:	DESCRIPTION:
01/06/2025	BID DOCUMENTS

PROJ # : 24-SDL-03 DRAWN BY : Author

SHEET TITLE:

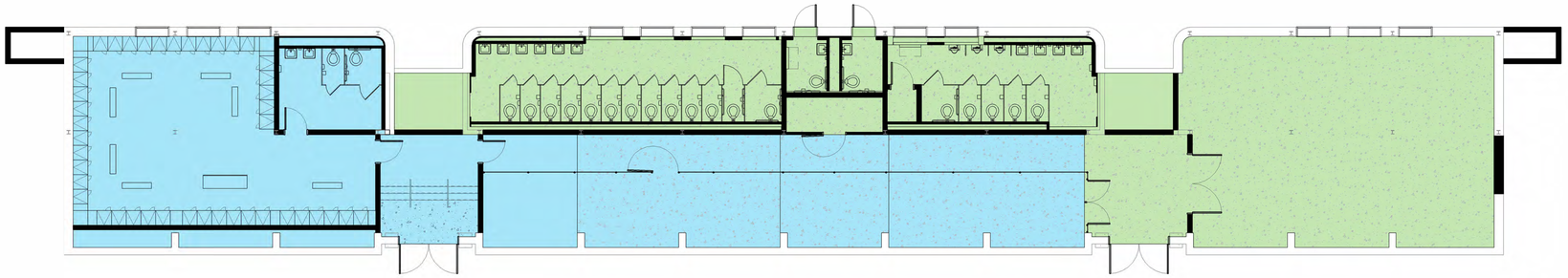
ADA / UL DETAILS

SHEET NUMBER:

A0.6

BID DOCUMENTS

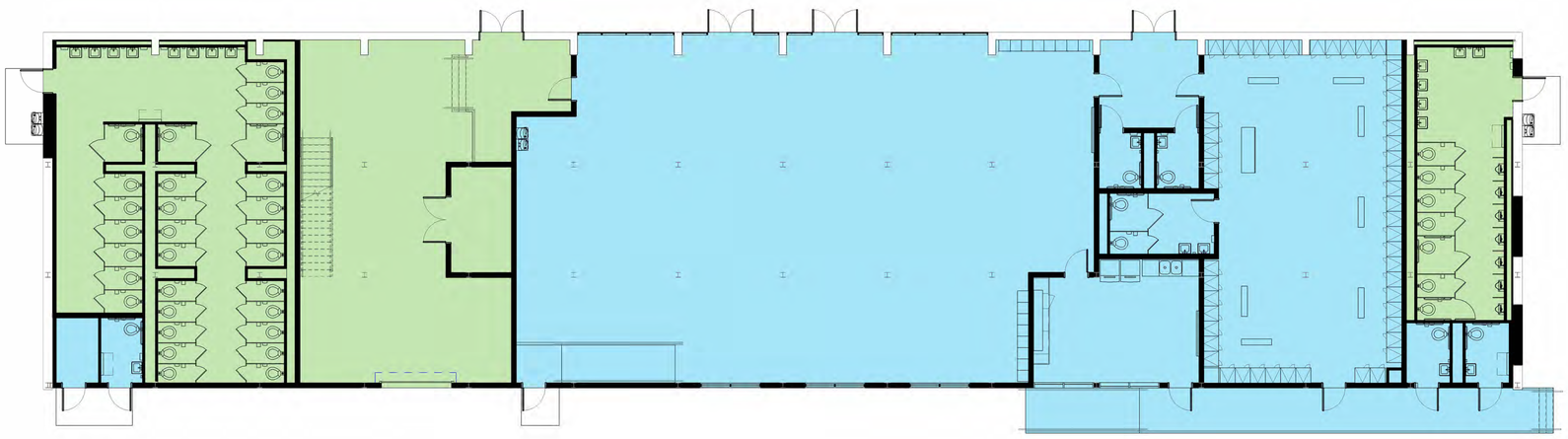
1/6/2025 5:21:53 PM



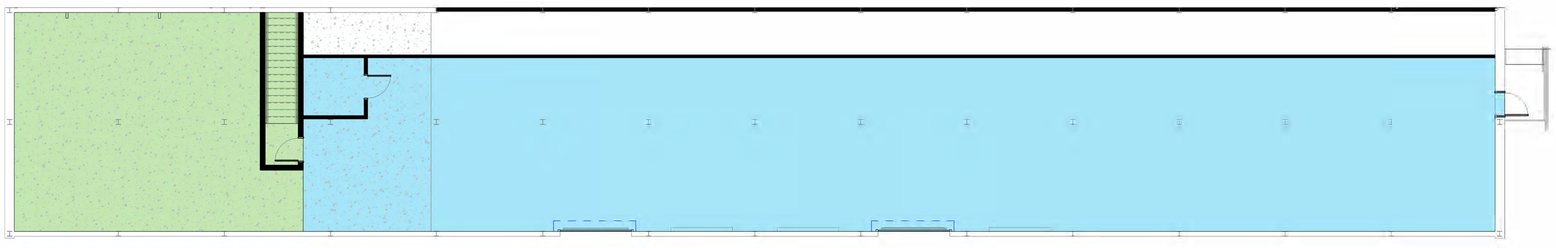
PHASE 1 — MARCH 3, 2025 - AUGUST 18, 2025 INCLUDED ALL WORK ON BLEACHER LEVELS

PHASE 2 — MARCH 3, 2025 - OCTOBER 20, 2025

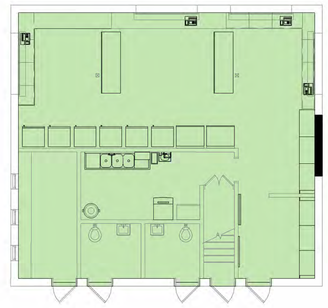
1 A0.7 VISITOR FIRST FLOOR PHASING PLAN
1/8" = 1'-0"



2 A0.7 HOME FIRST FLOOR PHASING PLAN
1/8" = 1'-0"



3 A0.7 HOME SECOND FLOOR PHASING PLAN
1/8" = 1'-0"



5 A0.7 CONCESSION STAND PHASING PLAN
1/8" = 1'-0"

MAROTTA/MAIN ARCHITECTS
WWW.MAROTTAMAIN.COM

SEAL:
THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND MAY NOT BE USED IN ANY FORM WITHOUT WRITTEN PERMISSION

CONSULTANT:

School District of Lancaster
Together We Can!

RENOVATIONS
J.P. MCCASKEY STADIUM
PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES
DATE: 01/06/2025
DESCRIPTION: BID DOCUMENTS

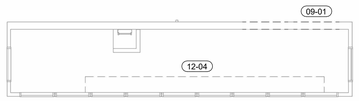
PROJ # : 24-SDL-03 DRAWN BY : DRW

SHEET TITLE:
PHASING PLANS

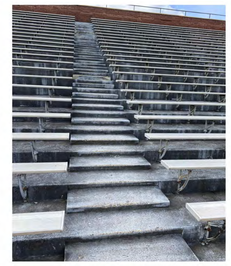
SHEET NUMBER:
A0.7

BID DOCUMENTS

1/6/2025 5:22:03 PM



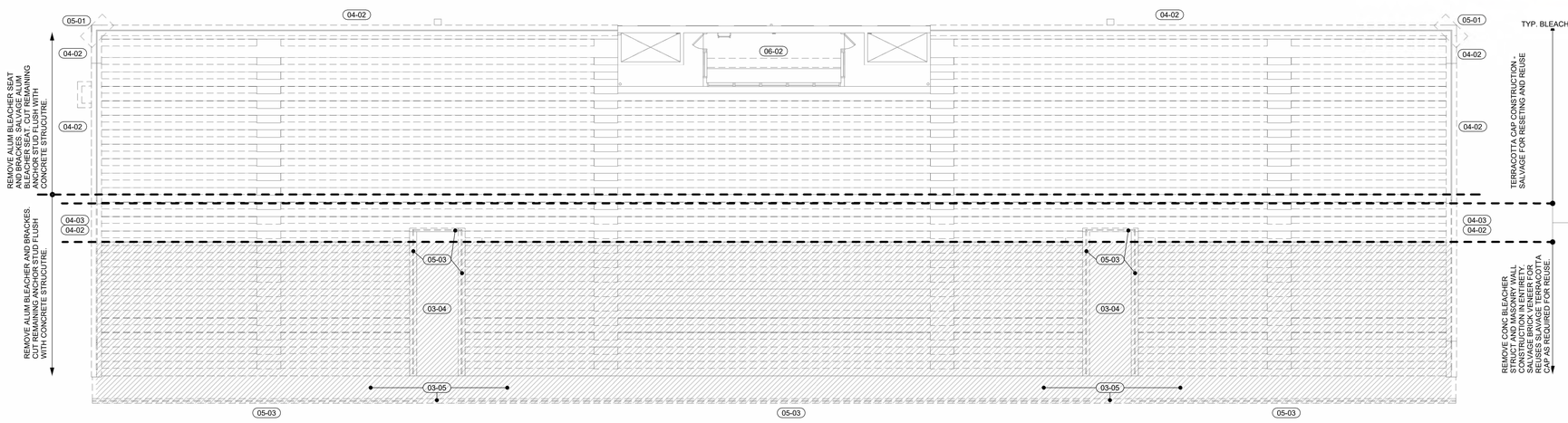
3 PRESS BOX SECOND FLOOR DEMOLITION PLAN
AD1.1 1/8" = 1'-0"



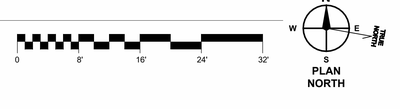
GENERAL NOTE
ALL BLEACHER SEATING AND ASSOCIATED BRACKETS TO BE REMOVED FOR CLEANING, REPAIRING, AND SEALING OF CONCRETE BLEACHERS.

SPECIFIC DEMOLITION NOTES - SHEET AD1.1

03-04	REMOVE CONCRETE RAMP CONSTRUCTION
03-05	REMOVE CONCRETE SIDEWALK AND CURB
04-02	REMOVE AND SALVAGE EXIST TERRA COTTA COPING FOR RESETTING AND REPAIR
04-03	REMOVE AND SALVAGE EXIST FACE BRICK FOR REUSE IN PATCHING/REPAIR
05-01	REMOVE PA SYSTEM SUPPORTS AND EQUIPMENT
05-03	REMOVE METAL GUARDRAIL
05-05	REMOVE CHAINLINK FENCE - RAILING TO REMAIN
06-02	REMOVE WOOD BENCH AND WOOD SUPPORTS
09-01	REMOVE STUD WALL CONSTRUCTION - REFER TO ARCHITECTURAL DWGS FOR EXTENT.
12-04	REMOVE COUNTER TOP AND SUPPORTS



1 VISITOR BLEACHER DEMOLITION PLAN
AD1.1 1/8" = 1'-0"

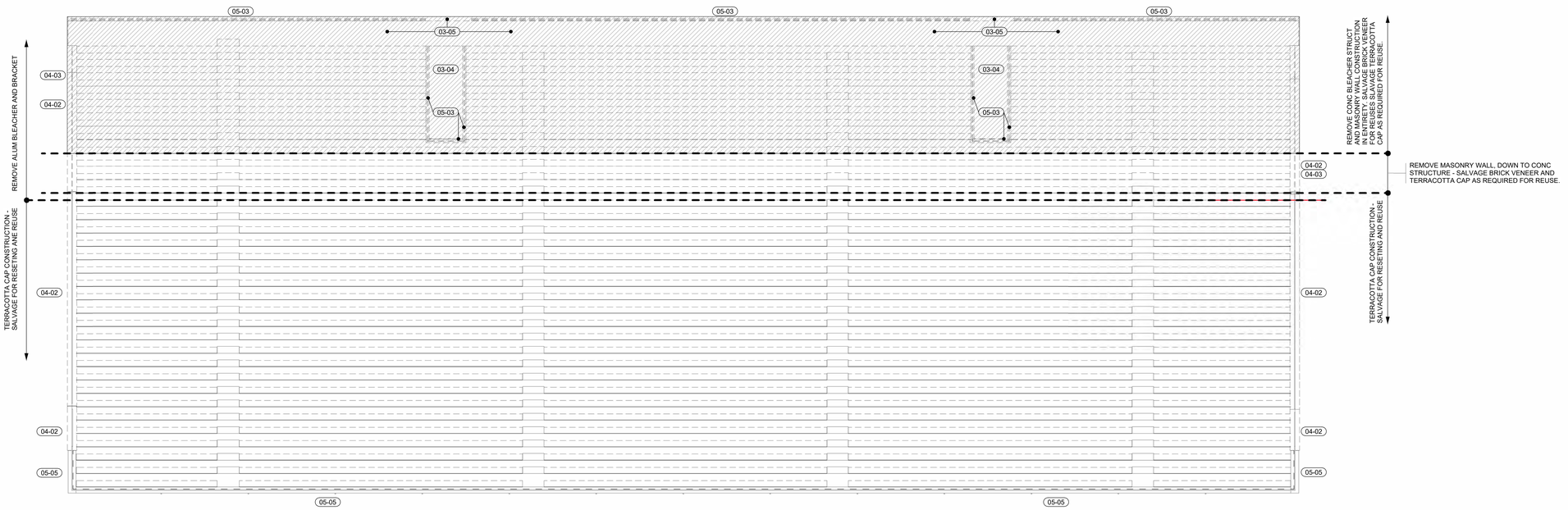


GENERAL DEMOLITION NOTES:

1. REFER TO EXTERIOR ELEVATION DRAWINGS FOR MISC. DEMOLITION ASSOCIATED REPAIR SCOPE INCLUDING BUT NOT LIMITED MASONRY VENEER AND INFILLS, PRE-CAST SILLS, ETC.
2. ALL PRIME CONTRACTORS SHALL REVIEW AND VERIFY ALL DEMOLITION WORK AGAINST THE NEW CONSTRUCTION DRAWINGS PRIOR TO COMMENCING WORK AND BRING ANY CONFLICTS TO THE ATTENTION OF THE ARCHITECT.
3. CONTRACTORS SHALL REMOVE ALL INTERIOR & EXTERIOR CONSTRUCTION AS INDICATED. CONTRACTORS SHALL VERIFY IF ANY CONSTRUCTION INDICTED AS DEMOLITION IS STRUCTURAL PRIOR TO COMMENCING DEMOLITION WORK. G.C. IS RESPONSIBLE FOR PROVIDING ADEQUATE SUPPORT WHERE EXISTING STRUCTURE MAY BE JEOPARDIZED BY DEMOLITION.
4. ALL EXISTING STRUCTURE IS TO REMAIN UNDISTURBED UNLESS OTHERWISE NOTED ON THE STRUCTURAL DRAWINGS.
5. REFER TO HVAC, PLUMBING & ELECTRICAL DRAWINGS FOR REMOVAL OF ASSOCIATED ITEMS. THESE ITEMS MAY BE INDICATED ON THE ARCHITECTURAL DEMOLITION DRAWINGS FOR ILLUSTRATION PURPOSES ONLY.
6. WHERE MASONRY WALLS, WHICH PENETRATE THE FLOOR, ARE SHOWN TO BE REMOVED THEY SHOULD BE REMOVED TO A MIN. OF 8" BELOW THE FINISHED FLOOR ELEVATION. G.C. IS RESPONSIBLE FOR PROPERLY INFILLING THE CONC. SLAB AS REQUIRED TO MAKE A LEVEL & SMOOTH SURFACE W/ THE ADJACENT FLOOR SLAB, AND TO PROPERLY PREP/ FLASH FOR NEW FLOORING.
7. THE EXISTING CONSTRUCTION MAY VARY FROM THE DRAWINGS. THE G.C. IS RESPONSIBLE FOR VERIFYING THE ACTUAL FIELD CONDITIONS. THE ARCHITECT IS TO BE NOTIFIED OF ANY CONFLICTS.
8. ANY ITEMS INDICATED FOR SALVAGE OR REINSTALLATION ARE TO BE STORED IN A SAFE DRY LOCATION AWAY FROM ANY CONSTRUCTION & TAGGED FOR IDENTIFICATION AS TO WHERE THE ITEM WAS REMOVED & PLANNED TO BE RELOCATED.
9. ALL MATERIALS TO BE REMOVED SHALL BE DONE IN A MANNER WHICH WILL NEITHER IMPEDE THE PROJECT SCHEDULE NOR OPEN THE EXISTING STRUCTURE TO DETRIMENT.
10. REFER TO FINISH SCHEDULE & FLOOR FINISH PLANS FOR COORDINATION OF DEMOLITION WORK W/ NEW FINISHES / CONSTRUCTION.
11. REFER TO SPECIFICATION SECTION 01 12 00 MULTIPLE CONTRACT SUMMARY FOR DEMOLITION REQUIREMENTS BY PRIME CONTRACT.
12. REFER TO PLUMBING DRAWINGS FOR CUTTING & PATCHING SCOPE REQUIRED BY NEW PLUMBING FIXTURES & FLOOR DRAINS.
13. THE G.C. SHALL REMOVE ANY MISCELLANEOUS FURNISHINGS LEFT IN THE BUILDING BY THE OWNER.

SALVAGE NOTES:

1. SALVAGE ALUMINUM BLEACHER SEATS FOR REINSTALL BY BLEACHER CONTRACTOR.
2. SALVAGE TERRA COTTA COPING.
3. SALVAGE FACE BRICK IN GOOD CONDITION.



2 HOME BLEACHER DEMOLITION PLAN
AD1.1 1/8" = 1'-0"



MAROTTA/MAIN ARCHITECTS
WWW.MAROTTAMAIN.COM

SEAL:
THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND MAY NOT BE USED IN ANY FORM WITHOUT WRITTEN PERMISSION

CONSULTANT:

School District of Lancaster
Together We Can!

RENOVATIONS
J.P. MCCASKEY STADIUM
PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES
DATE: 01/06/2025
DESCRIPTION: BID DOCUMENTS

PROJ # : 24-SDL-03 DRAWN BY : SAB

SHEET TITLE:
BLEACHER DEMOLITION PLANS

SHEET NUMBER:
AD1.1

BID DOCUMENTS

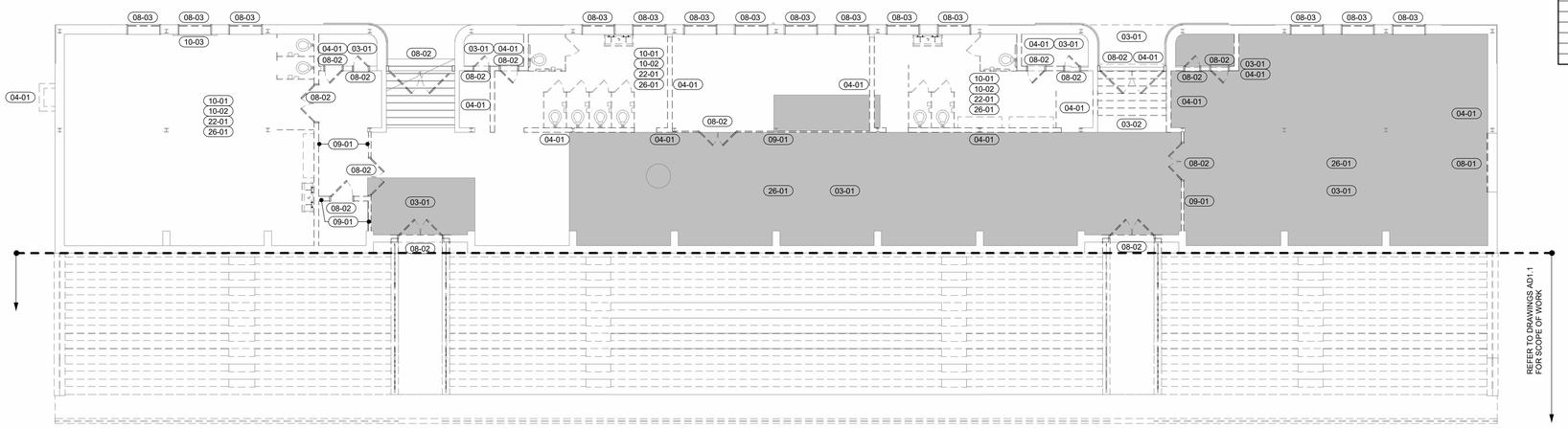
1/6/2025 5:22:13 PM

FLOOR INFILL LEGEND

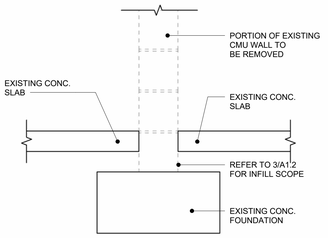
HATCH INDICATES - REMOVE CONCRETE, DECK / STONE BASE - REFER TO DEMOLITION NOTES 03-01

SPECIFIC DEMOLITION NOTES - SHEET AD1.2

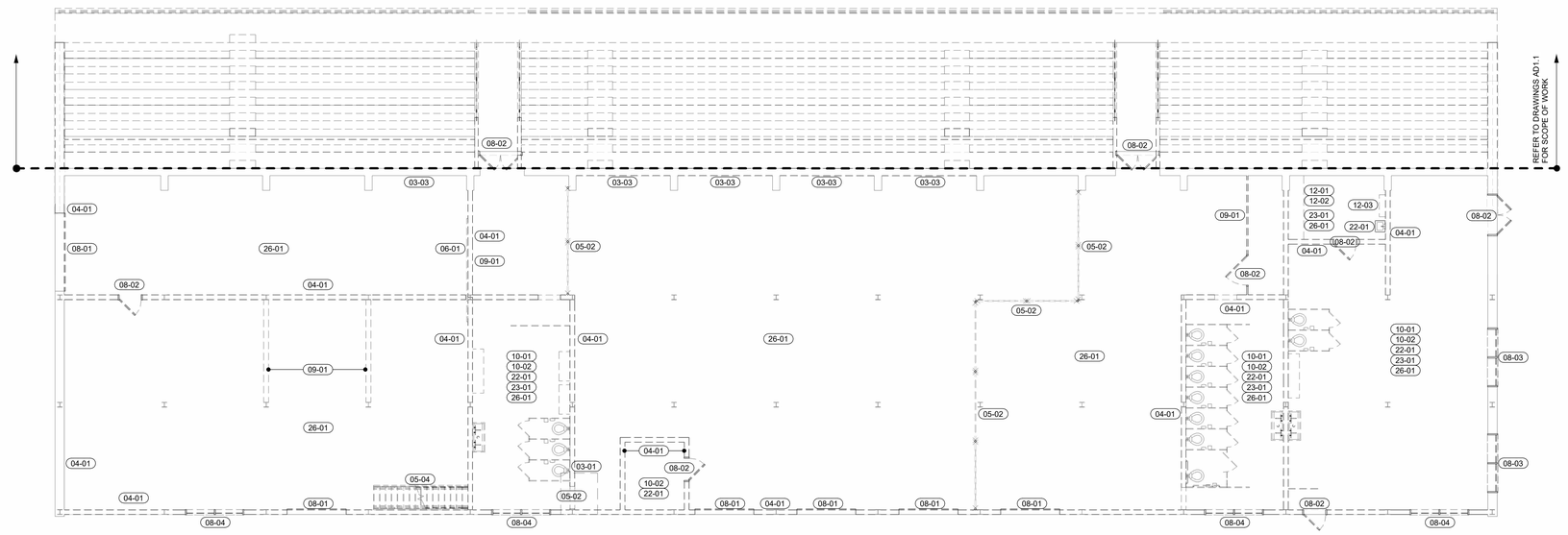
03-01	REMOVE CONCRETE FLOOR SLAB
03-02	REMOVE CONCRETE STAIR CONSTRUCTION
03-03	REMOVE CONCRETE WALL CONSTRUCTION
04-01	REMOVE MASONRY WALL CONSTRUCTION. REFER TO ARCHITECTURAL AND STRUCTURAL DWGS. FOR EXTENT AND COORDINATION.
05-02	REMOVE CHAIN LINK METAL FENCE
05-04	REMOVE METAL STAIR CONSTRUCTION AND ASSOCIATED GUARD/HANDRAILS
06-01	REMOVE WOOD SLIDING DOOR AND ASSOCIATED HARDWARE
08-01	REMOVE OVERHEAD DOOR, ASSOCIATED FRAMING, FASTENERS, AND TRACK
08-02	REMOVE DOOR, HARDWARE AND FRAME - RESIZE OPENING AS REQ.- REFER TO ARCHITECTURAL DWGS FOR SIZE & EXTENT.
08-03	REMOVE METAL WINDOW SYSTEM
08-04	REMOVE METAL WINDOW SYSTEM, INCLUDING SILL AND STOOL.
09-01	REMOVE STUD WALL CONSTRUCTION - REFER TO ARCHITECTURAL DWGS FOR EXTENT.
10-01	REMOVE TOILET PARTITIONS - ENTIRE ROOM
10-02	REMOVE TOILET ACCESSORIES - ENTIRE ROOM
10-03	REMOVE INSTRUCTION BOARDS ENTIRE ROOM
12-01	REMOVE BASE / TALL CASEWORK
12-02	REMOVE WALL CABINETS CASEWORK
12-03	REMOVE SHELVING UNITS
22-01	REFER TO PLUMBING DRAWINGS FOR REMOVAL OF PLUMBING FIXTURES AND EQUIPMENT
23-01	REFER TO HVAC DRAWINGS FOR REMOVAL OF HVAC COMPONENTS
26-01	REFER TO ELECTRICAL DRAWINGS FOR REMOVAL OF ELECTRICAL EQUIPMENT - BY ELECTRICAL CONTRACTOR



1 VISITOR FIRST FLOOR DEMOLITION PLAN
AD1.2 1/8" = 1'-0"



3 TYP. WALL DEMOLITION
AD1.2 NTS



2 HOME FIRST FLOOR DEMOLITION PLAN
AD1.2 1/8" = 1'-0"

MAROTTA/MAIN ARCHITECTS
WWW.MAROTTAMAIN.COM

SEAL:
THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND IS NOT TO BE USED IN ANY FORM WITHOUT WRITTEN PERMISSION

School District of Lancaster
Together We Can!

CONSULTANT:

RENOVATIONS
J.P. MCCASKEY STADIUM
PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES
DATE: 01/06/2025
DESCRIPTION: BID DOCUMENTS

PROJ # : 24-SDL-03 DRAWN BY : SAB

SHEET TITLE:
FIRST FLOOR DEMOLITION PLANS

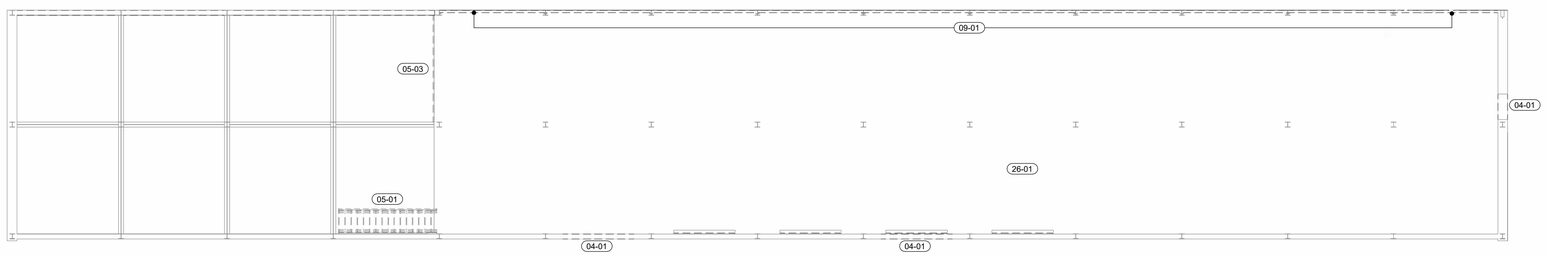
SHEET NUMBER:
AD1.2

BID DOCUMENTS

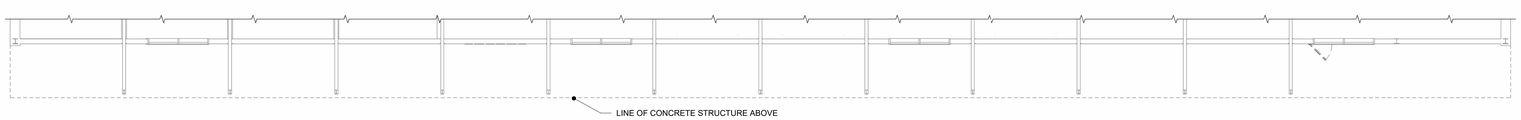
1/6/2025 5:22:24 PM

SPECIFIC DEMOLITION NOTES - SHEET AD1.3

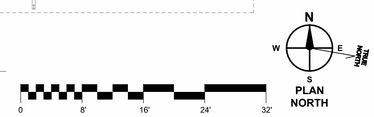
04-01	REMOVE MASONRY WALL CONSTRUCTION. REFER TO ARCHITECTURAL AND STRUCTURAL DWGS. FOR EXTENT AND COORDINATION.
05-01	REMOVE METAL STAIR CONSTRUCTION AND ASSOCIATED HANDRAILS.
05-03	REMOVE METAL GUARDRAIL
09-01	REMOVE STUD WALL CONSTRUCTION - REFER TO ARCHITECTURAL DWGS FOR EXTENT.
26-01	REFER TO ELECTRICAL DRAWINGS FOR REMOVAL OF ELECTRICAL EQUIPMENT - BY ELECTRICAL CONTRACTOR



1 HOME SECOND FLOOR DEMOLITION PLAN
AD1.3 1/8" = 1'-0"



2 HOME SECOND FLOOR UPPER WINDOWS DEMOLITION PLAN
AD1.3 1/8" = 1'-0"



MAROTTA/MAIN ARCHITECTS
WWW.MAROTTAMAIN.COM

THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND IS NOT TO BE REPRODUCED IN ANY FORM WITHOUT WRITTEN PERMISSION

SEAL:

School District of Lancaster
Together We Can!

CONSULTANT:

RENOVATIONS
J.P. MCCASKEY STADIUM
PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES
DATE: 01/06/2025
DESCRIPTION: BID DOCUMENTS

PROJ # : 24-SDL-03 DRAWN BY : SAB

SHEET TITLE:

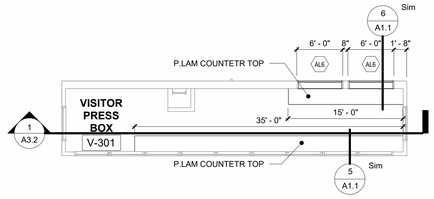
SECOND FLOOR DEMOLITION PLAN

SHEET NUMBER:

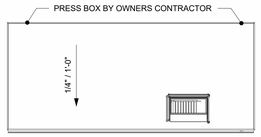
AD1.3

BID DOCUMENTS

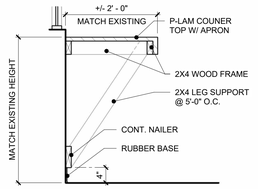
1/6/2025 5:22:32 PM



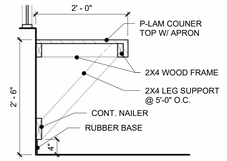
3 VISITOR PRESS BOX SECOND FLOOR
A1.1 1/8" = 1'-0"



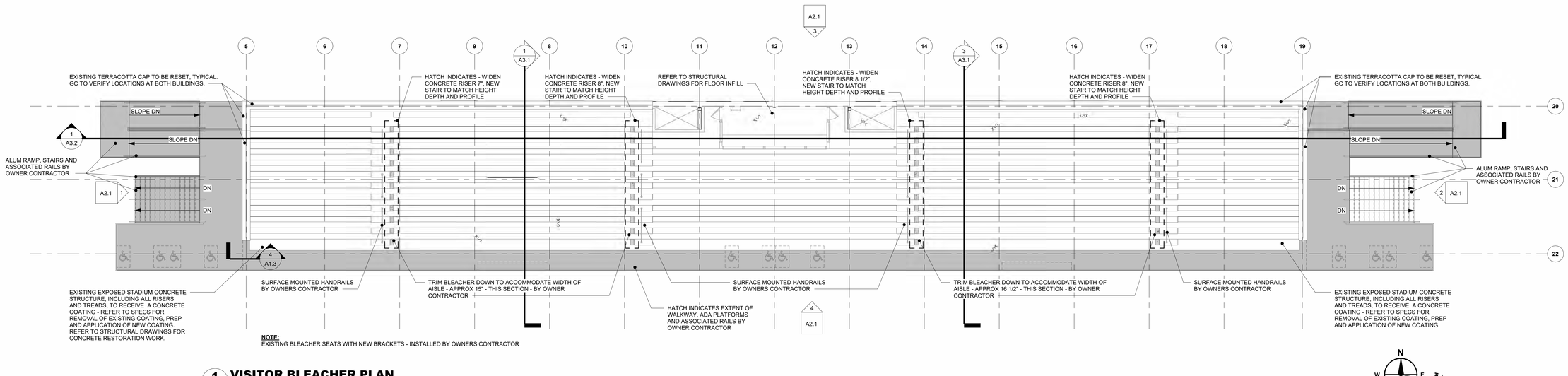
4 HOME PRESS BOX FILM DECK
A1.1 1/8" = 1'-0"



5 COUNTER TOP DETAIL
A1.1 3/4" = 1'-0"



6 COUNTER TOP DETAIL
A1.1 3/4" = 1'-0"

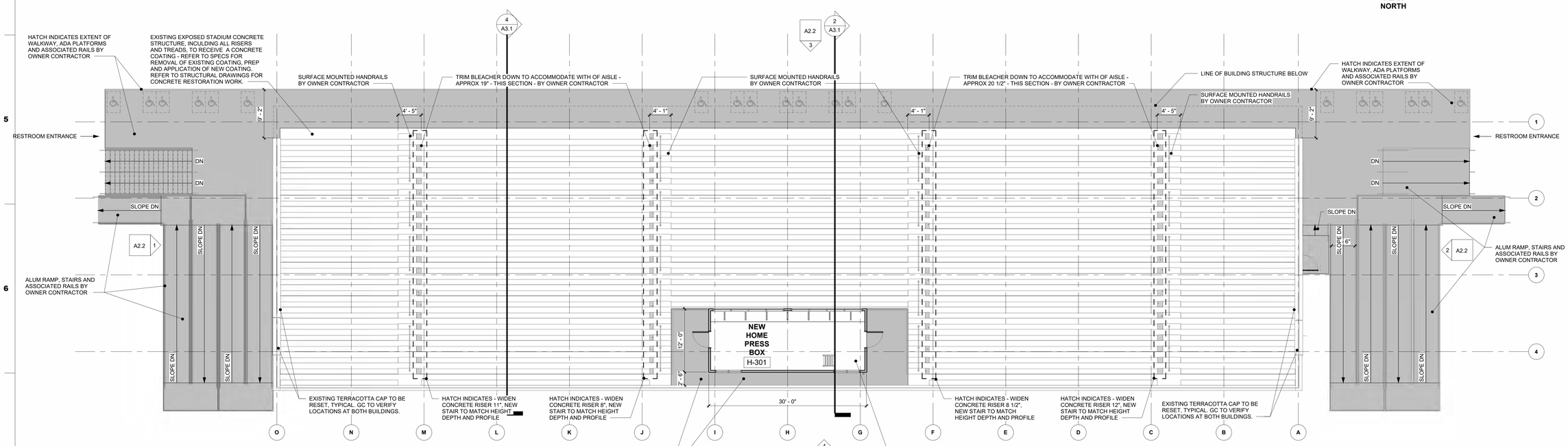


NOTE:
EXISTING BLEACHER SEATS WITH NEW BRACKETS - INSTALLED BY OWNERS CONTRACTOR

1 VISITOR BLEACHER PLAN
A1.1 1/8" = 1'-0"



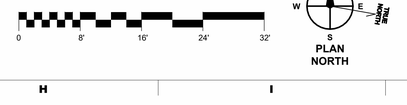
PLAN NORTH



EXISTING TERRACOTTA CAP TO BE RESET, TYPICAL. GC TO VERIFY LOCATIONS AT BOTH BUILDINGS.
HATCH INDICATES - WIDEN CONCRETE RISER 11", NEW STAIR TO MATCH HEIGHT DEPTH AND PROFILE
HATCH INDICATES - WIDEN CONCRETE RISER 8", NEW STAIR TO MATCH HEIGHT DEPTH AND PROFILE
HATCH INDICATES EXTENT OF ALUM DECK, FRAMING, ASSOCIATED RAILS METAL PANEL BELOW PRESSBOX AND PLATFORM, BY OWNERS CONTRACTOR. STRUCTURAL STEEL FRAMING UNDER PRESS BOX BY G.C.
PRESSBOX BY OWNERS CONTRACTOR. STRUCTURAL STEEL FRAMING UNDER PRESS BOX BY GC
HATCH INDICATES - WIDEN CONCRETE RISER 8 1/2", NEW STAIR TO MATCH HEIGHT DEPTH AND PROFILE
HATCH INDICATES - WIDEN CONCRETE RISER 12", NEW STAIR TO MATCH HEIGHT DEPTH AND PROFILE
EXISTING TERRACOTTA CAP TO BE RESET, TYPICAL. GC TO VERIFY LOCATIONS AT BOTH BUILDINGS.

NOTE:
EXISTING BLEACHER SEATS WITH NEW BRACKETS - INSTALLED BY OWNERS CONTRACTOR

2 HOME BLEACHER PLAN
A1.1 1/8" = 1'-0"



PLAN NORTH

1/6/2025 5:22:44 PM

MAROTTA/MAIN ARCHITECTS
WWW.MAROTTAMAIN.COM

THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND MAY NOT BE USED IN ANY FORM WITHOUT WRITTEN PERMISSION

SEAL:

School District of Lancaster
Together We Can!

CONSULTANT:

RENOVATIONS
J.P. MCCASKEY STADIUM
PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES	DESCRIPTION:
DATE: 01/06/2025	BID DOCUMENTS

PROJ # : 24-SDL-03 DRAWN BY : SAB

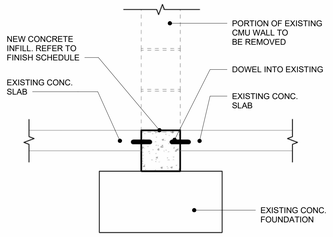
SHEET TITLE:

BLEACHER PLANS

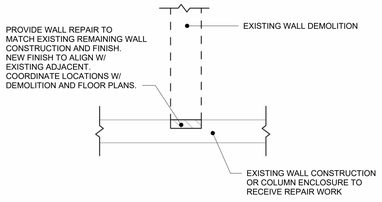
SHEET NUMBER:

A1.1

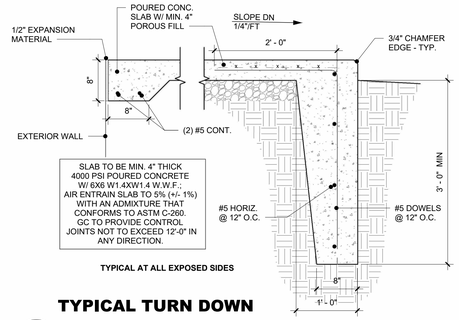
BID DOCUMENTS



3 TYP. FLOOR INFILL AT WALL DEMOLITION
A1.2 NTS



4 TYPICAL WALL REPAIR DETAIL
A1.2 3/4" = 1'-0"



TYPICAL AT ALL EXPOSED SIDES

TYPICAL TURN DOWN SLAB DETAIL
5 A1.2 1" = 1'-0"

FLOOR INFILL LEGEND

HATCH INDICATES - NEW CONCRETE FLOOR - REFER TO STRUCT FOR STONE BASE / METAL DECK.

CONVENTIONS

1. DETAILS ARE KEYED ONCE (ON THE PLANS OR ELEVATIONS WHEN THEY FIRST OCCUR) AND ARE TYPICAL FOR SIMILAR CONDITIONS THROUGH OUT UNO
2. TYPICAL OR "TYP" MEANS FOR ALL SIMILAR CONSTRUCTION, UNO
3. DO NOT SCALE DRAWINGS; DIMENSIONS GOVERN ALWAYS.
4. LARGE SCALE DETAILS GOVERN OVER SMALL SCALE DETAILS.
5. ALL VERTICAL DIMENSIONS SHOWN TO OR FROM FINISHED FLOOR LEVEL, UNO
6. "ALIGN" MEANS THAT SIMILAR COMPONENTS OF CONSTRUCTION, AS INDICATED BY THE DRAWINGS, MUST BE STRAIGHT AND IN LINE, AND ANY JOINTS / SEAMS MUST BE CONCEALED AND INVISIBLE TO THE EYE OR TOUCH.
7. "PROVIDE" MEANS PROVIDE AND INSTALL, UNO

PARTITION TYPE SCHEDULE & NOTES

INTERIOR PARTITIONS

STUD WALLS

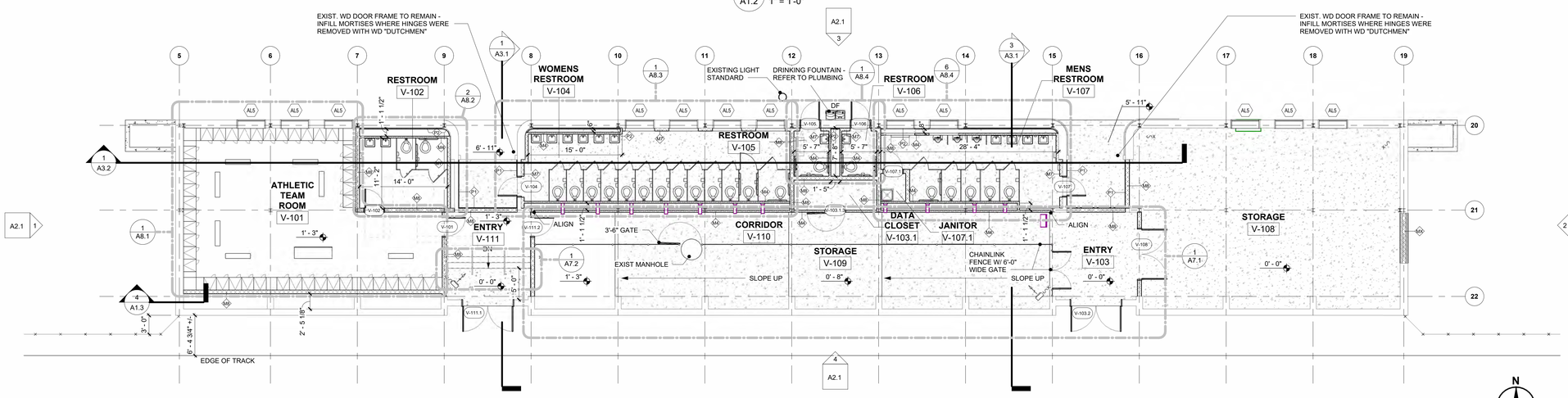
- P1 — THREE COAT STUCCO APPLIED TO METAL LATH ON NEW / EXISTING CMU
- P2 — 2" RIGID INSULATION.
- P3 — 3 5/8" METAL STUD, 5/8" GWB ONE SIDE.
- P4 — 3 5/8" METAL STUD, 5/8" GWB BOTH SIDES.
- P6 — 6" METAL STUD, 5/8" GWB ONE SIDE. 5/8" DENS BOARD, 2" RIGID INSULATION, 1" AIR GAP, 1" ALUMINUM METAL PANEL ONE SIDE.

CMU WALLS

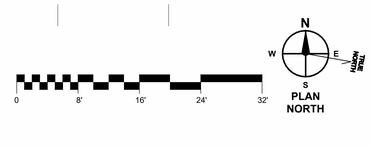
- M4 — 4" CMU
- M6 — 6" CMU
- M7 — 6" INSULATED CMU
- M8 — 8" CMU
- M9 — 8" INSULATED CMU

WALL INFILLS

- MX — CMU INFILL TO MATCH EXISTING WALL THICKNESS. MATCH EXISTING FIRE-RATING, WHERE APPLICABLE.



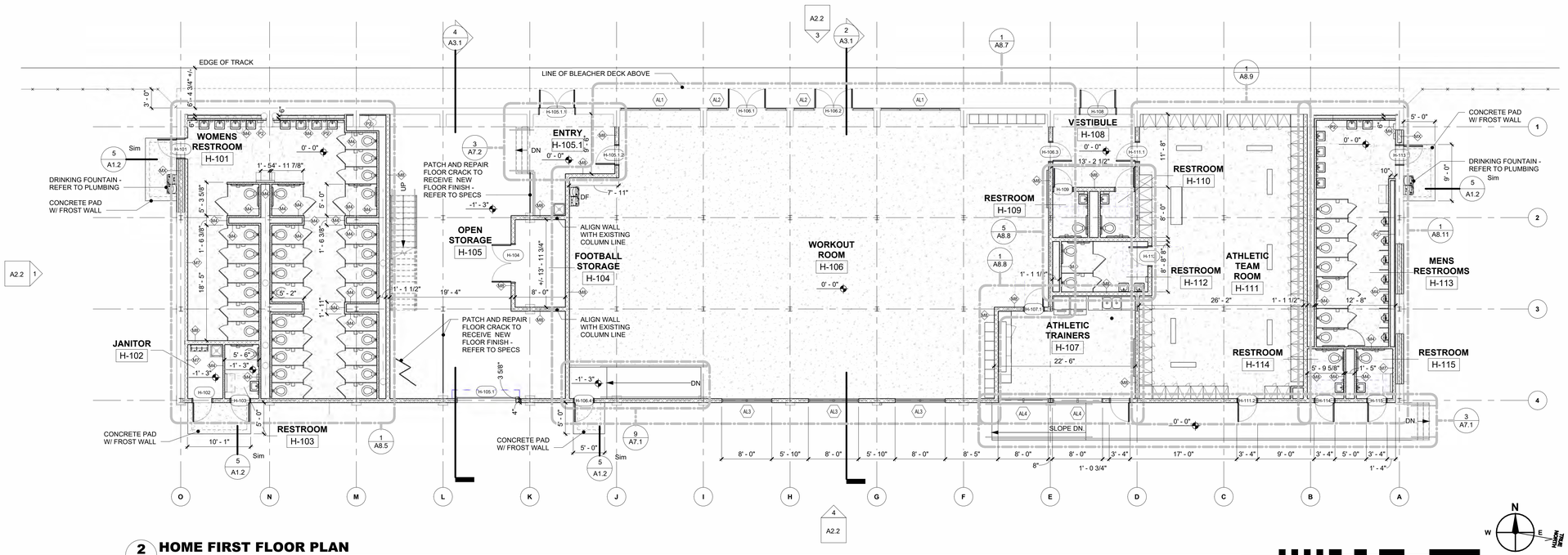
1 VISITOR FIRST FLOOR PLAN
A1.2 1/8" = 1'-0"



PLAN NORTH

GENERAL NOTES

1. WORK SHALL INCLUDE ALL LABOR , ASSEMBLIES, AND FINISH WORK INCLUDING ALL PARTS AND MATERIALS NECESSARY TO MAKE A COMPLETE, IN-PLACE, PROPERLY WORKING FINISHED INSTALLATION.
2. CONTRACTOR SHALL FIELD MEASURE ALL DISTANCES AND CLEARANCES PRIOR TO COMMENCEMENT OF NEW WORK OR ORDERING OF MATERIALS. DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONS OR SIZES. VERIFY ALL DIMENSIONS IN THE FIELD.
3. GC SHALL PROVIDE BLOCKING IN PARTITIONS AS REQUIRED FOR ALL ITEMS ATTACHED TO WALL INCLUDING CABINETRY AND TOILET ACCESSORIES. ALL ROUGH CARPENTRY, BLOCKING, AND MISCELLANEOUS WOOD FRAMING SHALL BE FIRE RETARDANT TREATED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REQUIREMENTS.
4. HEIGHT OF ELECTRICAL, DATA AND COMMUNICATION OUTLETS WHEN SURROUNDED BY OR ABUTTING MILLWORK SHALL BE CONFIRMED PRIOR TO INSTILLATION.
5. FLOOR MOUNTED OUTLET LOCATIONS MUST BE CONFIRMED WITH THE OWNER AND ARCHITECT BEFORE CORE DRILLING.
6. PLACEMENT OF WALL OR CEILING ACCESS PANELS SHALL BE REVIEWED WITH THE OWNER/ARCHITECT PRIOR TO INSTALLATION.
7. PROVIDE FIRE EXTINGUISHERS AS REQUIRED BY CODE.
8. PROTECT NEWLY INSTALLED FINISHES, MILLWORK, BUILT-INS, AND MATERIALS, AND ANY ITEMS (FURNITURE, ETC.) REQUIRING STORAGE.
9. UPON COMPLETION OF WORK, ALL FACILITIES SHALL BE IN FULL USE WITHOUT DEFECTS.
10. WHERE EXISTING WALLS, UTILITIES OR OTHER CONSTRUCTION IS REMOVED BELOW THE FLOOR SLAB: INFILL WITH CRUSHED STONE. PROVIDE AND SEAL VAPOR BARRIER, AND PLACE NEW 4" REINFORCED CONCRETE, UNO REFER TO DEMOLITION, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR COORDINATION OF AREAS OF CUT AND PATCH.
11. CONTRACTOR SHALL USE AND PROTECT THE EXISTING BUILDING AND EXISTING FINISHES SCHEDULED TO REMAIN IN A MANNER WHICH WILL NOT SOIL, DEFACE, OR DAMAGE THE EXISTING FACILITIES, FINISHES OR FIXTURES. PROVIDE PROTECTIVE MATERIALS AS NECESSARY.
12. REMOVE ALL CONSTRUCTION DEBRIS AS REQUIRED TO MAINTAIN A CLEAN ENVIRONMENT AND TO PREVENT THE POSSIBILITY OF ACCIDENT OR FIRE.
13. DOWNLIGHTS, SPRINKLER HEADS, SMOKE DETECTORS, AND EXIT SIGNS SHALL BE LOCATED IN THE CENTER OF THE CEILING TILE, UNO
14. GC SHALL PROVIDE TEMPORARY PARTITIONS FOR EACH PHASE OF WORK AND AS REQUIRED FOR OCCUPANT EXITING REQUIREMENTS. PARTITIONS SHALL BE IN ACCORDANCE WITH SPEC SECTION "TEMPORARY FACILITIES AND CONTROLS". REFER TO THE PHASING PLANS FOR INFORMATION CONCERNING PHASING AREAS AND DATES. TEMPORARY PARTITIONS MUST BE FLOOR TO CEILING AND SEALED FULL PERIMETER. PARTITIONS MUST BE PROVIDED WITH SOLID AND LOCKABLE DOORS.



2 HOME FIRST FLOOR PLAN
A1.2 1/8" = 1'-0"

PLAN NORTH

GENERAL PARTITION NOTES

1. DIMENSIONS TAKEN TO FACE OF STUD OR FACE OF CMU, UNO
2. ALL NEW PARTITIONS SHALL BE PER PARTITION TYPE M8, UNO
3. PARTITIONS REQUIRING AN HOURLY RATING ARE INDICATED ON THE LIFE SAFETY PLANS, DESCRIBED IN THE PARTITION TYPES, THIS SHEET, AND ARE DEFINED BY A TESTING AGENCY DESIGN NUMBER. THE CONTRACTOR SHALL CONSTRUCT THESE PARTITIONS IN STRICT COMPLIANCE WITH THE TESTING AGENT DESCRIPTION REFERRED TO BY THE DESIGN NUMBER. PARTITION TYPE DRAWINGS SHOULD BE USED FOR REFERENCE AND INFORMATION PURPOSES ONLY. SHOULD CONFLICTS OCCUR BETWEEN THE PARTITION TYPE AND THE TESTING AGENT DESCRIPTION, THE STRINGENT REQUIREMENT SHALL APPLY.
4. REFER TO FINISH SCHEDULE FOR WALL FINISHES.
5. ALL INTERIOR PARTITIONS ARE TO EXTEND TIGHT TO THE FLOOR OR ROOF DECK ABOVE, UNO. PARTITIONS MUST BE SEALED TO ADJACENT CONSTRUCTION.
6. ALL DIMENSIONS MARKED "CLEAR" SHALL BE MAINTAINED.
7. NO PARTITIONS SHALL VARY MORE THAN 1/8" IN SURFACE PLANE IN 10 FEET IN ANY DIRECTION.
8. GALVANIZED STEEL MAY BE USED IN LIEU OF FIRE RETARDANT WOOD BLOCKING FOR WALL HUNG SHELVING, MILLWORK, AND HARDWARE. BACKING SHALL SPAN AT LEAST 3 STUDS.
9. PARTITION ASSEMBLIES AND BRACING SHALL BE INSTALLED AROUND ANY ABOVE-CEILING INTERFERENCES ENCOUNTERED SUCH AS DUCTS OR SPRINKLER LINES SO AS TO MAINTAIN THE INTEGRITY OF THE ASSEMBLY.
10. ALL INTERIOR WALLS IN OCCUPIED AREAS AND PUBLIC ARES TO A MINIMUM OF 9'-0" ABOVE FINISHED FLOOR MUST BE HIGH ABUSE-RESISTANT TYPE GYPSUM BOARD.
11. ALL EXPOSED CMU WALLS SHALL HAVE A BULLNOSE EDGE. RADIUSED CEILING EDGE TRACK SHALL BE PROVIDED ACCORDINGLY.
12. PROVIDE CONTROL JOINTS PER THE SPECIFICATION AT INTERIOR CMU WALLS FOR WALL LENGTHS GREATER THAN 20'. PROVIDE CONTROL JOINTS BETWEEN WALLS ON FLOOR SLABS AND WALLS ON FOOTINGS. REFER TO TYPICAL CONTROL JOINT DETAILS FOR ADDITIONAL CONTROL JOINT INFORMATION.

MAROTTA/MAIN ARCHITECTS
WWW.MAROTTAMAIN.COM

SEAL:
THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND MAY NOT BE USED IN ANY FORM WITHOUT WRITTEN PERMISSION

CONSULTANT:

School District of Lancaster
Together We Can!

RENOVATIONS
J.P. MCCASKEY STADIUM
PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES	DESCRIPTION:
DATE: 01/06/2025	BID DOCUMENTS

PROJ # : 24-SDL-03 DRAWN BY : SAB

SHEET TITLE:

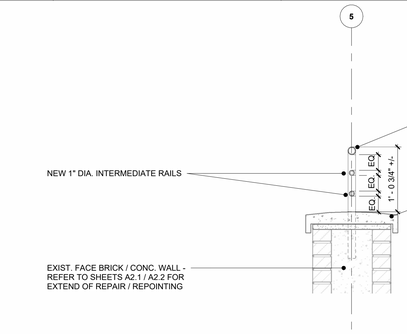
FIRST FLOOR PLANS

SHEET NUMBER:

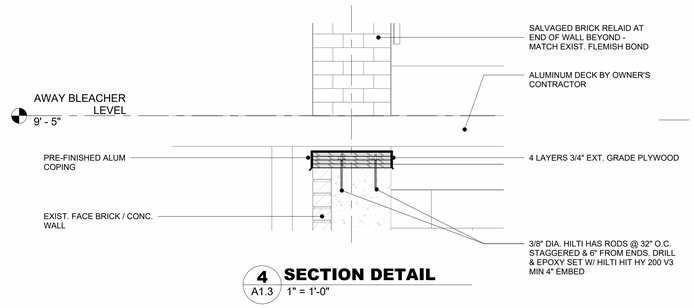
A1.2

BID DOCUMENTS

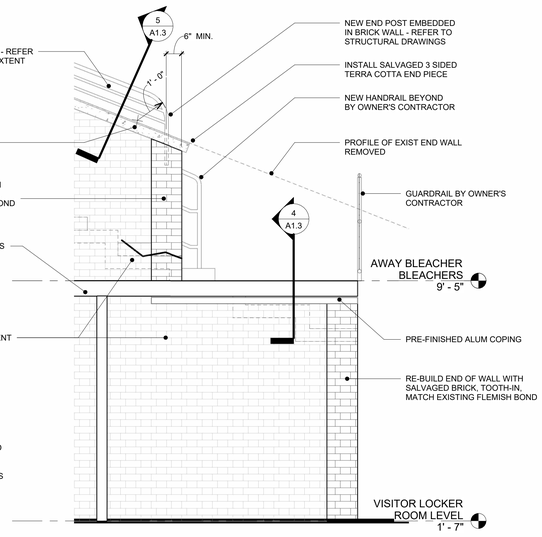
1/6/2025 5:22:57 PM



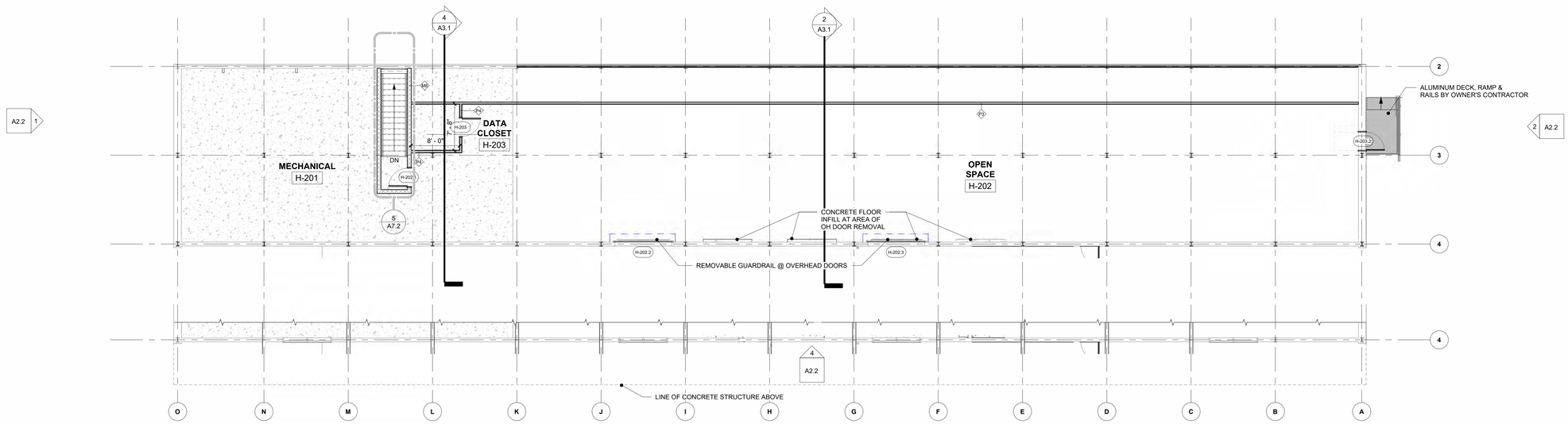
5 SECTION DETAIL
A1.3 1" = 1'-0"



4 SECTION DETAIL
A1.3 1" = 1'-0"

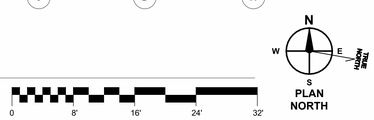


3 PARTIAL ELEVATION
A1.3 1/2" = 1'-0"



UPPER WINDOW LAYOUT

1 HOME SECOND FLOOR PLAN
A1.3 1/8" = 1'-0"



PLAN NORTH

1/6/2025 5:23:07 PM

MAROTTA/MAIN ARCHITECTS
WWW.MAROTTAMAIN.COM

THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND MAY NOT BE REPRODUCED IN ANY FORM WITHOUT WRITTEN PERMISSION

SEAL:

School District of Lancaster
Together We Can!

CONSULTANT:

RENOVATIONS
J.P. MCCASKEY STADIUM
PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES
DATE: 01/06/2025
DESCRIPTION: BID DOCUMENTS

PROJ # : 24-SDL-03 DRAWN BY : SAB

SHEET TITLE:

SECOND FLOOR PLAN

SHEET NUMBER:

A1.3

BID DOCUMENTS

GENERAL NOTES:

1. CLEAN 100% OF FACADES INCLUDING BUT NOT LIMITED TO CONCRETE, BRICK MASONRY, CONCRETE MASONRY UNITS, & STEEL.

2. EXISTING BRICK TO BE DEMOLISHED TO BE SALVAGED AND REUSED FOR BRICK REPLACEMENT IN OTHER AREAS WHERE BRICK REPLACEMENT IS REQUIRED.

3. CLEAN AND COAT 100% OF EXPOSED STEEL INCLUDING ALL LINTELS AT MASONRY OPENINGS, WF COLUMNS, WF FRAMING, COLUMN BASE PLATES, & EMBEDDED STEEL IN BRICK MASONRY WALLS. EXPOSE STEEL EMBEDDED IN MASONRY WALL AS REQUIRED.

4. REMOVE AND REINSTALL FACADE MOUNTED SIGNS AND EQUIPMENT AS REQUIRED TO COMPLETE WORK.

5. ALL COLOR SELECTIONS BY ARCHITECT / OWNER

6. PROVIDE ALL MOCK-UPS AS REQUIRED FOR ARCHITECT / OWNER REVIEW PRIOR TO WORK.

7. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CAULKING, SEALING, PAINTING AND FLASHING AS REQUIRED FOR WATERTIGHT JOB.

8. THE ELECTRICAL CONTRACTOR IS TO FIELD VERIFY ALL EXTERIOR LIGHTING AND SPEAKER LOCATIONS W/ THE ARCHITECT / OWNER PRIOR TO INSTALLATION.

9. REFER TO MASONRY RESTORATION SPEC SECTION. ALL REPAIR LOCATIONS ARE TO BE CONFIRMED W/ OWNER AND ARCHITECT PRIOR TO WORK.

10. REFER TO ELECTRICAL DRAWINGS & MECHANICAL DRAWINGS FOR ALL ITEMS, DEVICES AND CONDUIT RUNS BEING REMOVED. THE GC SHALL PATCH REPAIR ALL MASONRY AFFECTED BY THIS DEMOLITION SCOPE.

11. ALL BRICK VENEER IN-FILL LOCATIONS TO BE TOOTHED-IN TO MATCH EXISTING ADJACENT AND TO CREATE A SMOOTH/FLUSH TRANSITION. GC TO IN-FILL WALL CAVITY WITH CMU TO MATCH EXISTING ADJACENT AND TO CREATE A SMOOTH/FLUSH INTERIOR WALL CONDITION.

REPAIR LEGEND:

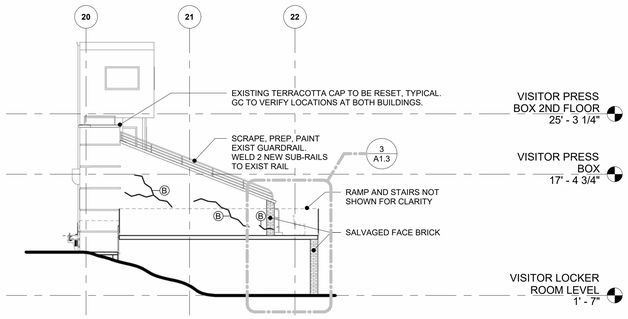
A: REPOINT MORTAR JOINTS IN BRICK / CMU

B: REMOVE AND REPLACE DAMAGED / CRACKED BRICK, REPOINT MORTAR JOINTS AS REQ'D

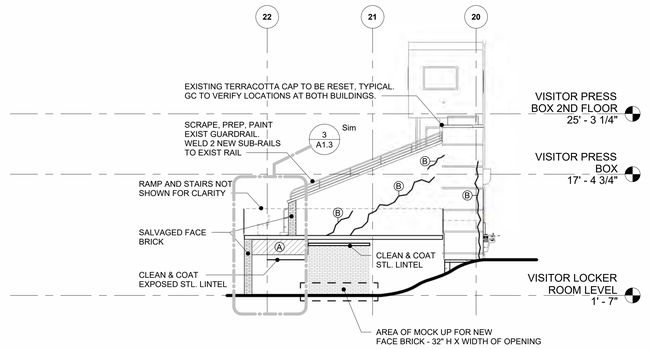
C: CLEAN AND COAT LINTELS @ DOORS AND WINDOWS (TYP.)

D: REPAIR CONCRETE SPALLING

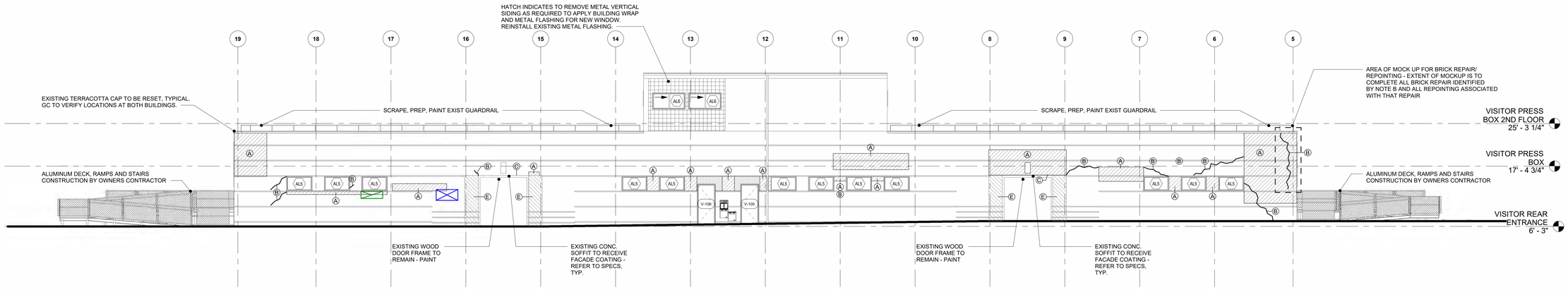
E: FILL / REPAIR CRACKS IN EXISTING STUCCO. PROVIDE FACADE COATING ON STUCCO - REFER TO SPECS.



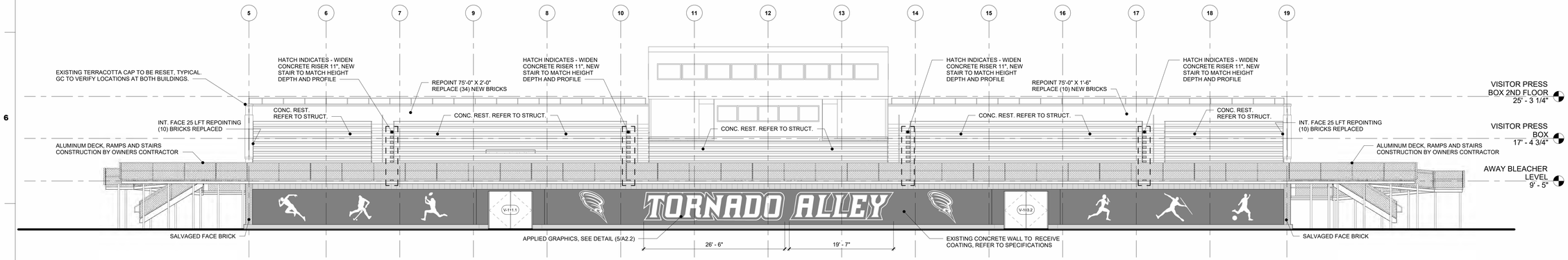
1 VISITOR SOUTH ELEVATION
A2.1 1/8" = 1'-0"



2 VISITOR NORTH ELEVATION
A2.1 1/8" = 1'-0"



3 VISITOR WEST ELEVATION
A2.1 1/8" = 1'-0"



4 VISITOR EAST ELEVATION
A2.1 1/8" = 1'-0"

1/6/2025 5:23:18 PM

MAROTTA/MAIN ARCHITECTS
WWW.MAROTTAMAIN.COM

THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND MAY NOT BE USED IN ANY FORM WITHOUT WRITTEN PERMISSION

SEAL:

School District of Lancaster
Together We Can!

CONSULTANT:

RENOVATIONS
J.P. MCCASKEY STADIUM
PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES
DATE: 01/06/2025
DESCRIPTION: BID DOCUMENTS

PROJ # : 24-SOL-03 DRAWN BY : SAB

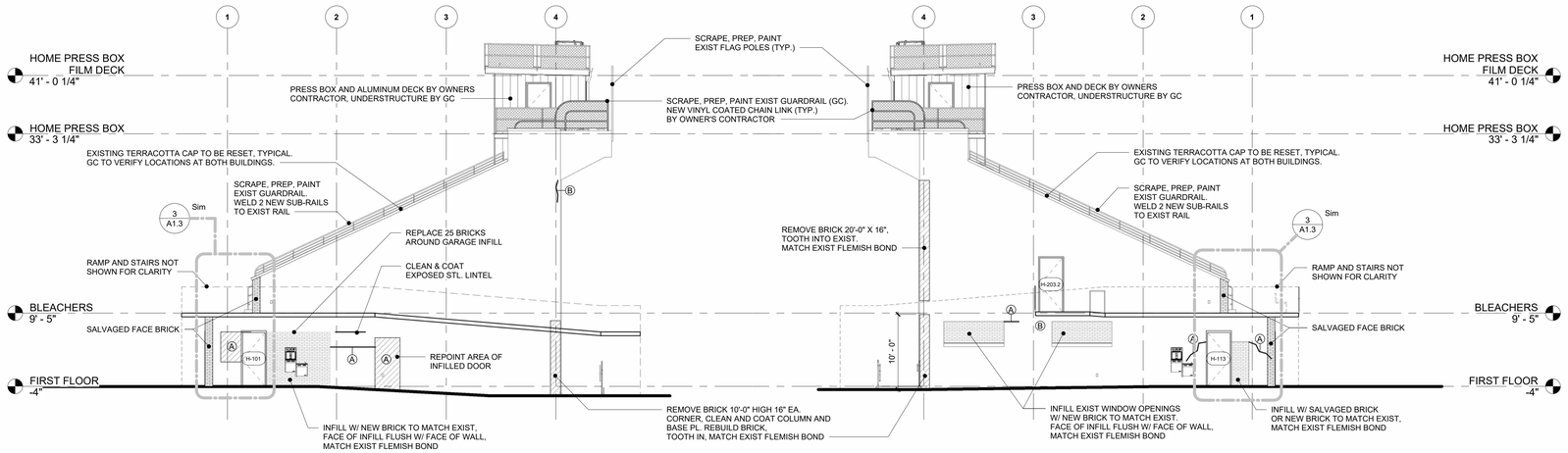
SHEET TITLE:

VISITOR EXTERIOR ELEVATIONS

SHEET NUMBER:

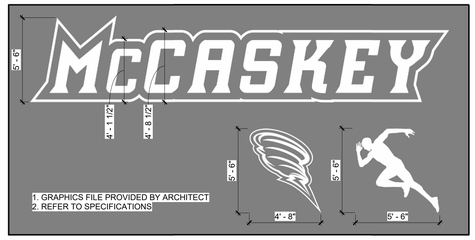
A2.1

BID DOCUMENTS

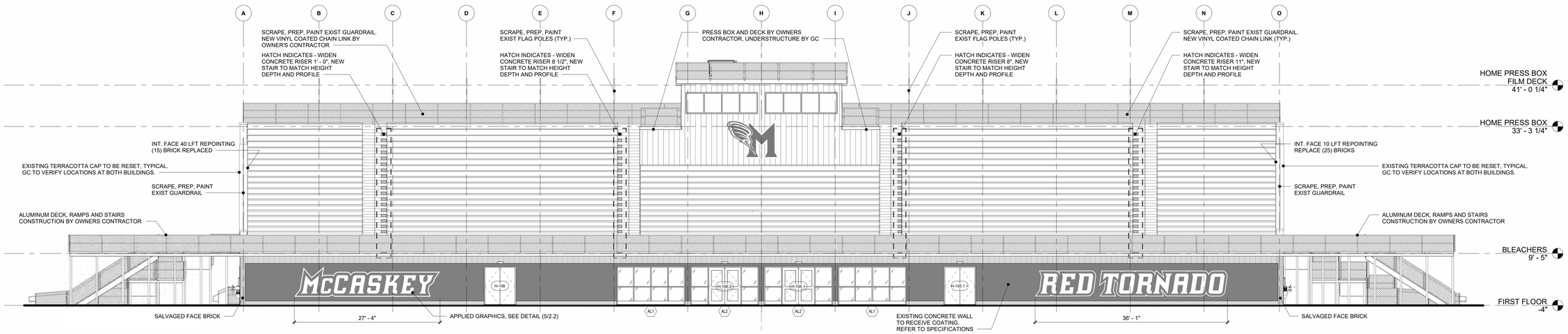


1 HOME SOUTH ELEVATION
A2.2 1/8" = 1'-0"

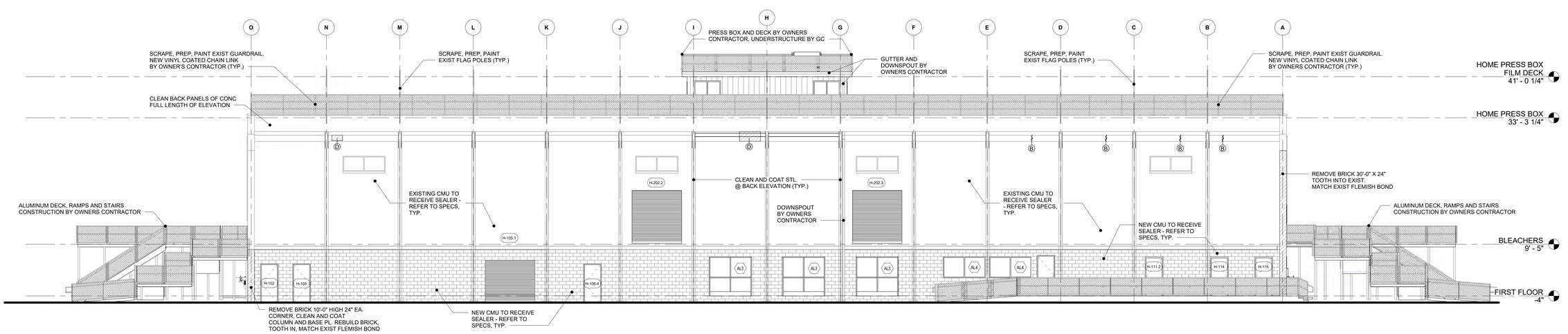
2 HOME NORTH ELEVATION
A2.2 1/8" = 1'-0"



5 APPLIED GRAPHICS
A2.2 1/4" = 1'-0"



3 HOME WEST ELEVATION
A2.2 1/8" = 1'-0"



4 HOME EAST ELEVATION
A2.2 1/8" = 1'-0"

MAROTTA/MAIN ARCHITECTS
WWW.MAROTTAMAIN.COM

SEAL:
THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND MAY NOT BE USED IN ANY FORM WITHOUT WRITTEN PERMISSION

CONSULTANT:

School District of Lancaster
Together We Can!

RENOVATIONS
J.P. MCCASKEY STADIUM
PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES
DATE: 01/06/2025
DESCRIPTION: BID DOCUMENTS

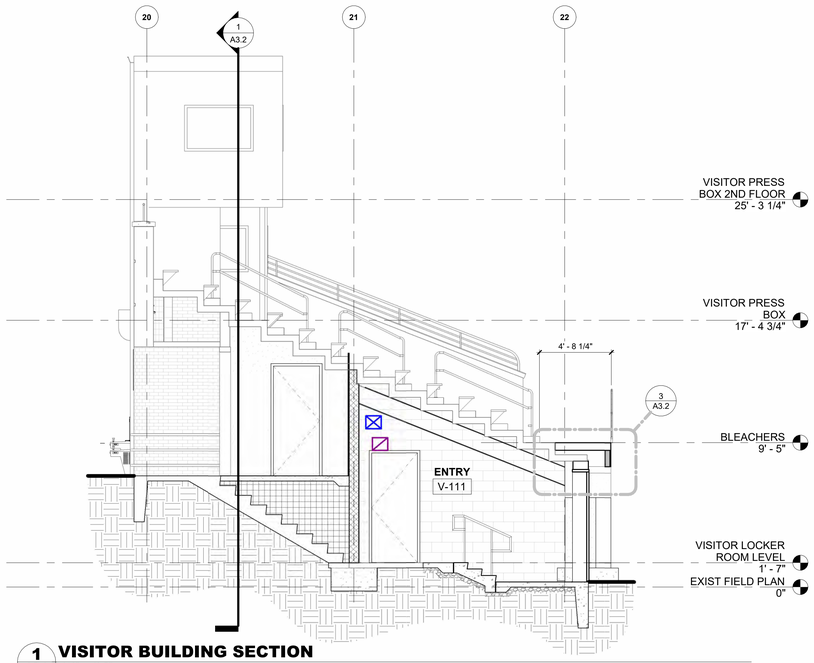
PROJ # : 24-SDL-03 DRAWN BY : SAB

SHEET TITLE:
HOME EXTERIOR ELEVATIONS

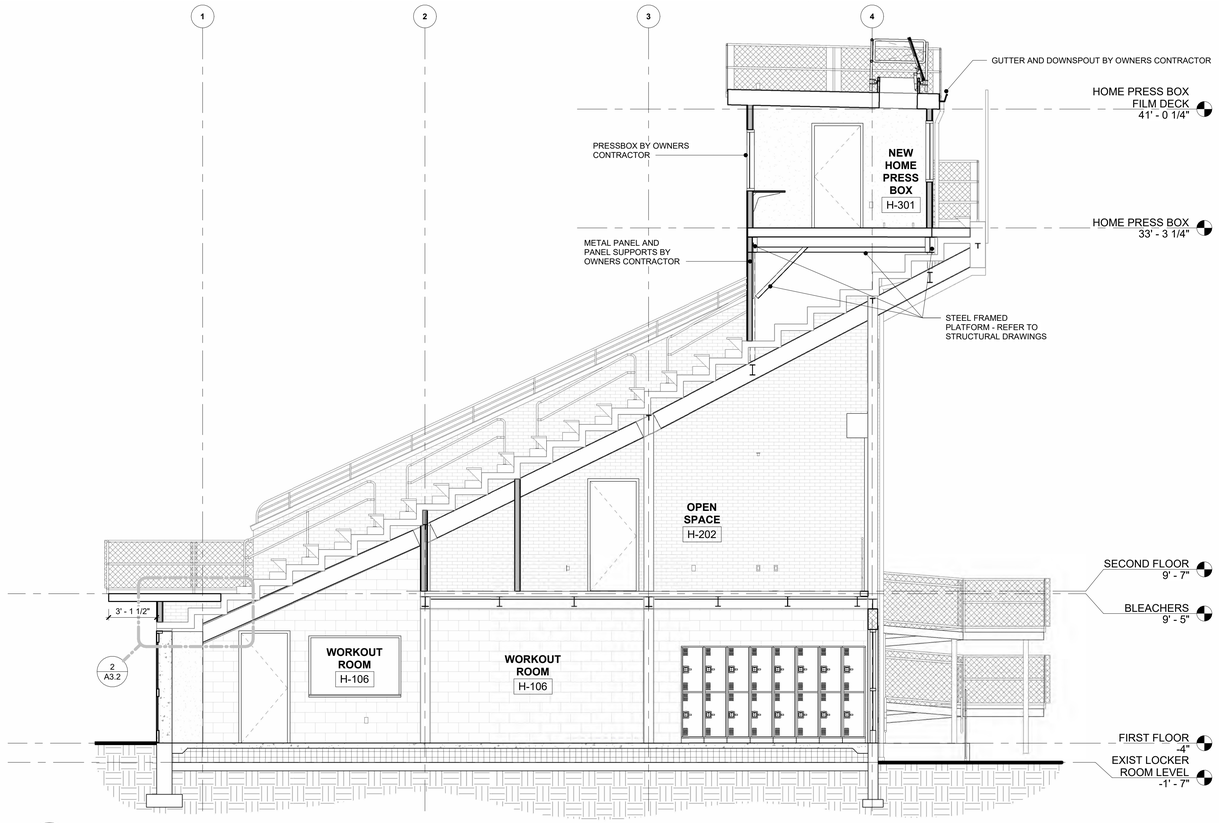
SHEET NUMBER:
A2.2

BID DOCUMENTS

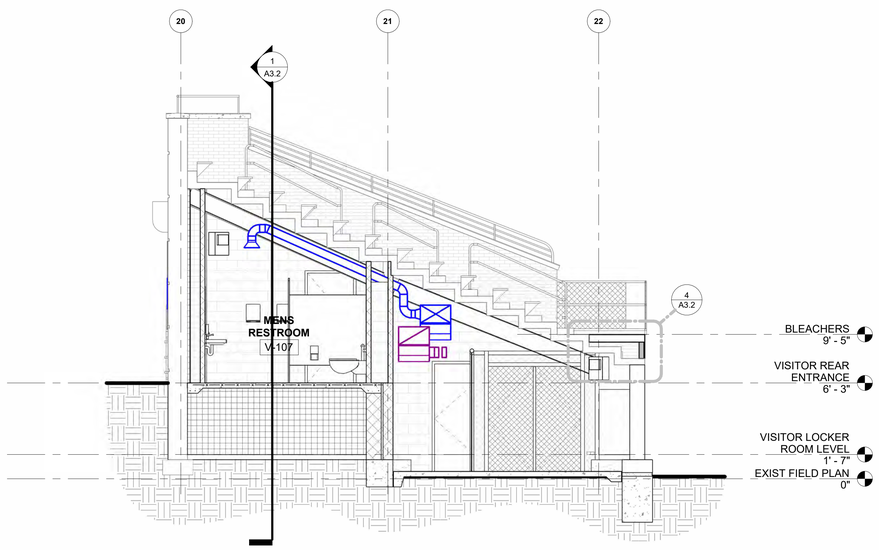
1/6/2025 5:23:34 PM



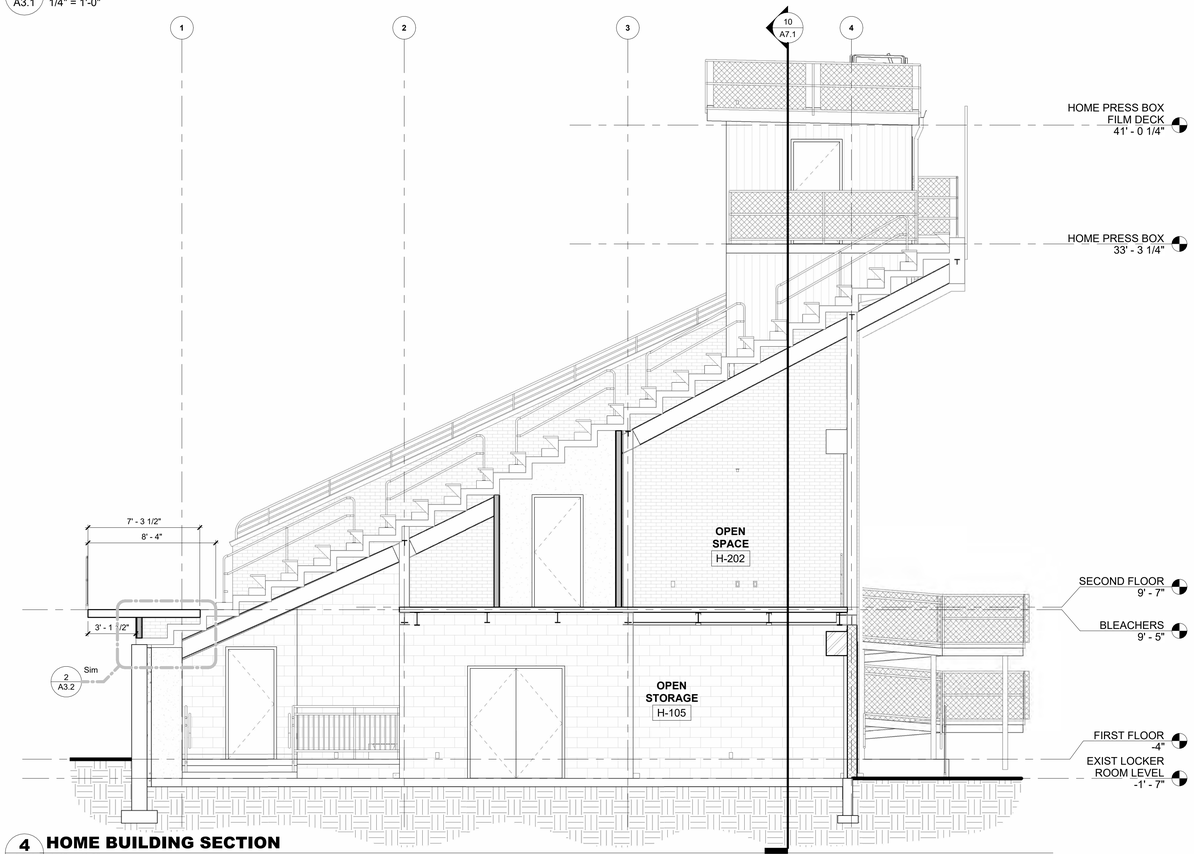
1 VISITOR BUILDING SECTION
A3.1 1/4" = 1'-0"



2 HOME BUILDING SECTION
A3.1 1/4" = 1'-0"



3 VISITOR BUILDING SECTION
A3.1 1/4" = 1'-0"



4 HOME BUILDING SECTION
A3.1 1/4" = 1'-0"

1/6/2025 5:23:47 PM

MAROTTA/MAIN ARCHITECTS
WWW.MAROTTAMAIN.COM

SEAL:

THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND SHALL NOT BE USED IN ANY FORM WITHOUT WRITTEN PERMISSION

School District of Lancaster
Together We Can!

CONSULTANT:

RENOVATIONS
J.P. MCCASKEY STADIUM
PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES
DATE: 01/06/2025
DESCRIPTION: BID DOCUMENTS

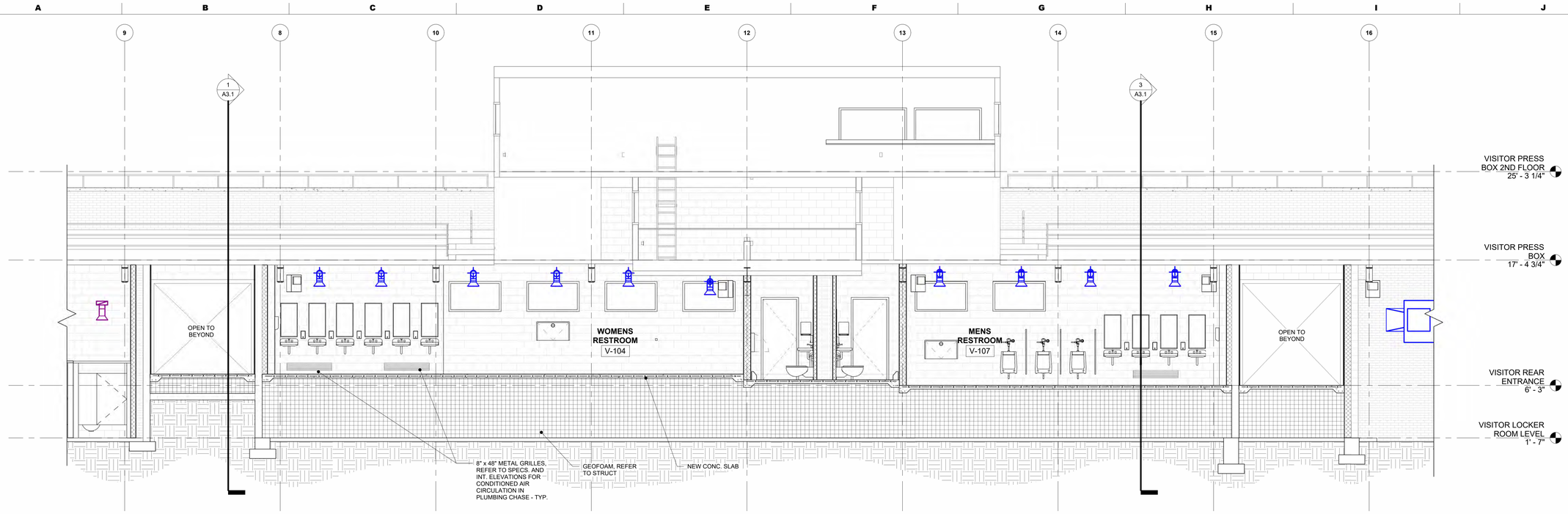
PROJ # : 24-SDL-03
DRAWN BY : SAB

SHEET TITLE:

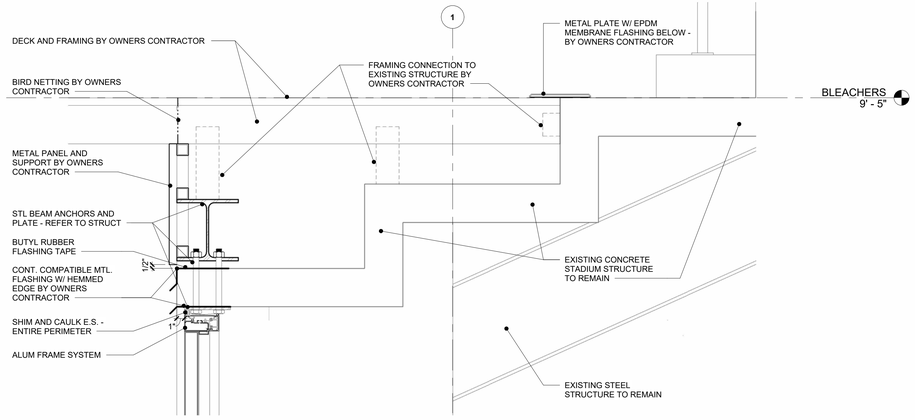
BUILDING SECTIONS

SHEET NUMBER:
A3.1

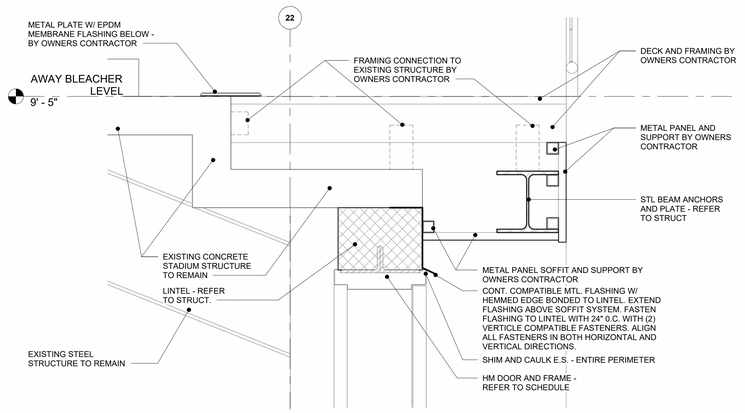
BID DOCUMENTS



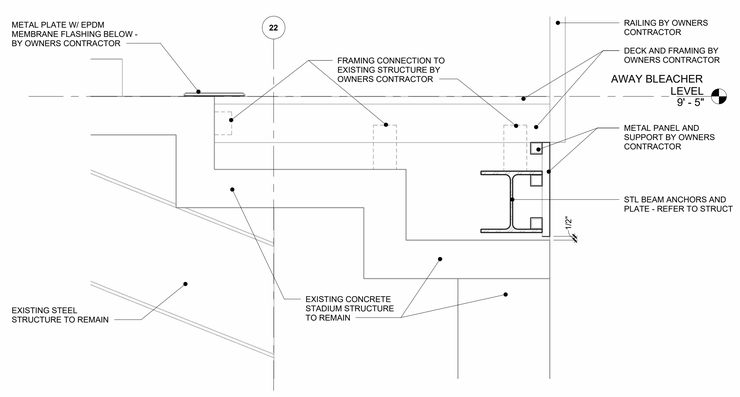
1 VISITOR BUILDING SECTION
A3.2 1/4" = 1'-0"



2 SECTION DETAIL
A3.2 1 1/2" = 1'-0"



3 SECTION DETAIL
A3.2 1 1/2" = 1'-0"



4 SECTION DETAIL
A3.2 1 1/2" = 1'-0"

1/6/2025 9:23:57 PM

MAROTTA/MAIN ARCHITECTS
WWW.MAROTTAMAIN.COM

THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND MAY NOT BE USED IN ANY FORM WITHOUT WRITTEN PERMISSION

SEAL:

School District of Lancaster
Together We Can!

CONSULTANT:

RENOVATIONS
J.P. MCCASKEY STADIUM
PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES
DATE: 01/06/2025
DESCRIPTION: BID DOCUMENTS

PROJ # : 24-SDL-03 DRAWN BY : DRW

SHEET TITLE:

BUILDING SECTIONS

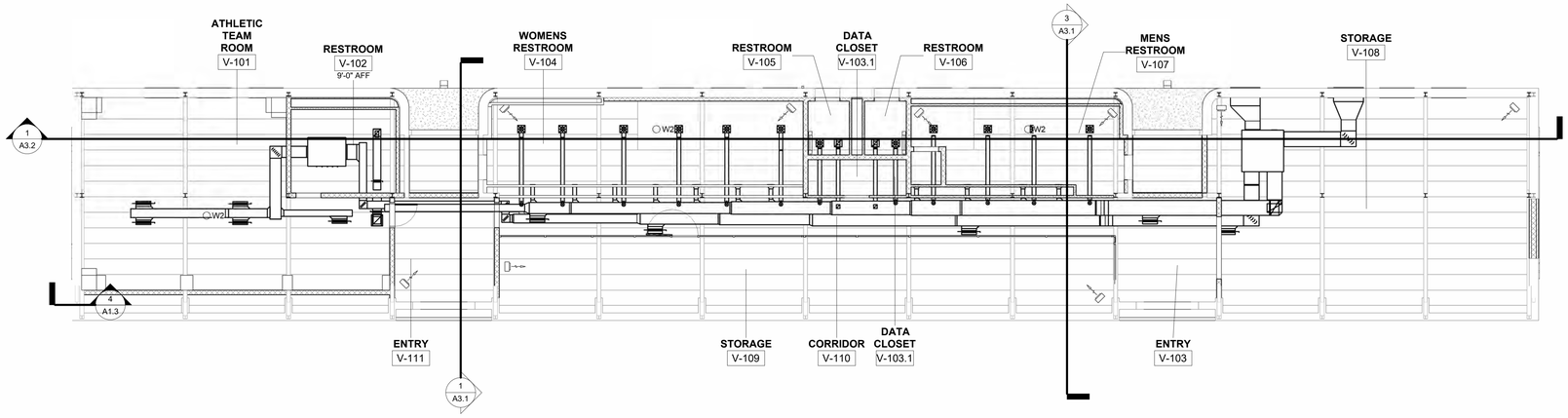
SHEET NUMBER:

A3.2

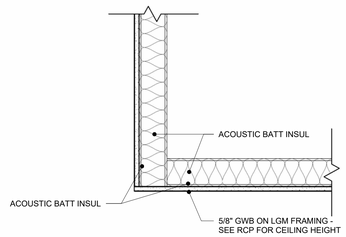
BID DOCUMENTS

GENERAL NOTES:

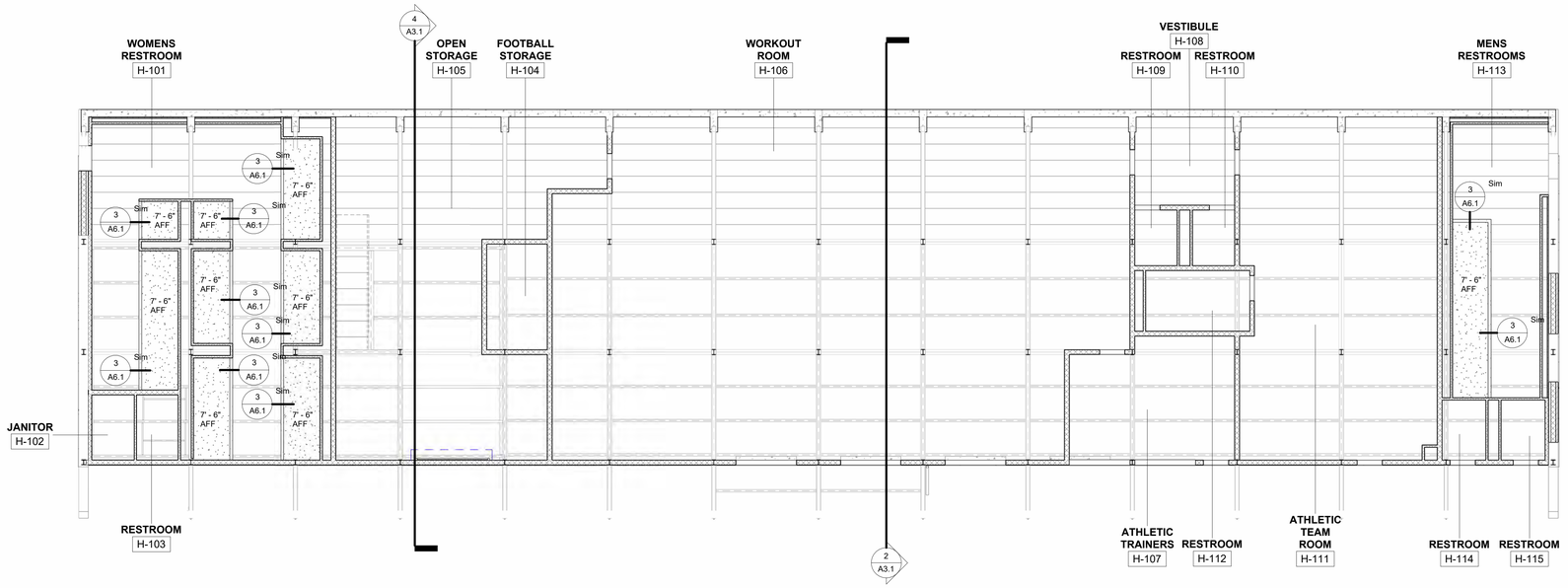
1. CEILING STRUCTURE LARGELY EXPOSED, TO RECEIVE NEW PAINTED FINISH. REFER TO BUILDING SECTIONS, FINISH PLANS & FINISH SCHEDULE.
2. AREAS OF GWB SOFFITS TO CONCEAL DUCTWORK.



1 VISITOR FIRST FLOOR REFLECTED CEILING PLAN
A6.1 1/8" = 1'-0"



3 TYPICAL BULKHEAD DETAIL
A6.1 1 1/2" = 1'-0"



2 HOME FIRST FLOOR REFLECTED CEILING PLAN
A6.1 1/8" = 1'-0"

MAROTTA/MAIN ARCHITECTS
WWW.MAROTTAMAIN.COM

THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND IS NOT TO BE REPRODUCED IN ANY FORM WITHOUT WRITTEN PERMISSION

SEAL:

School District of Lancaster
Together We Can!

CONSULTANT:

RENOVATIONS
J.P. MCCASKEY STADIUM
PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES
DATE: 01/06/2025
DESCRIPTION: BID DOCUMENTS

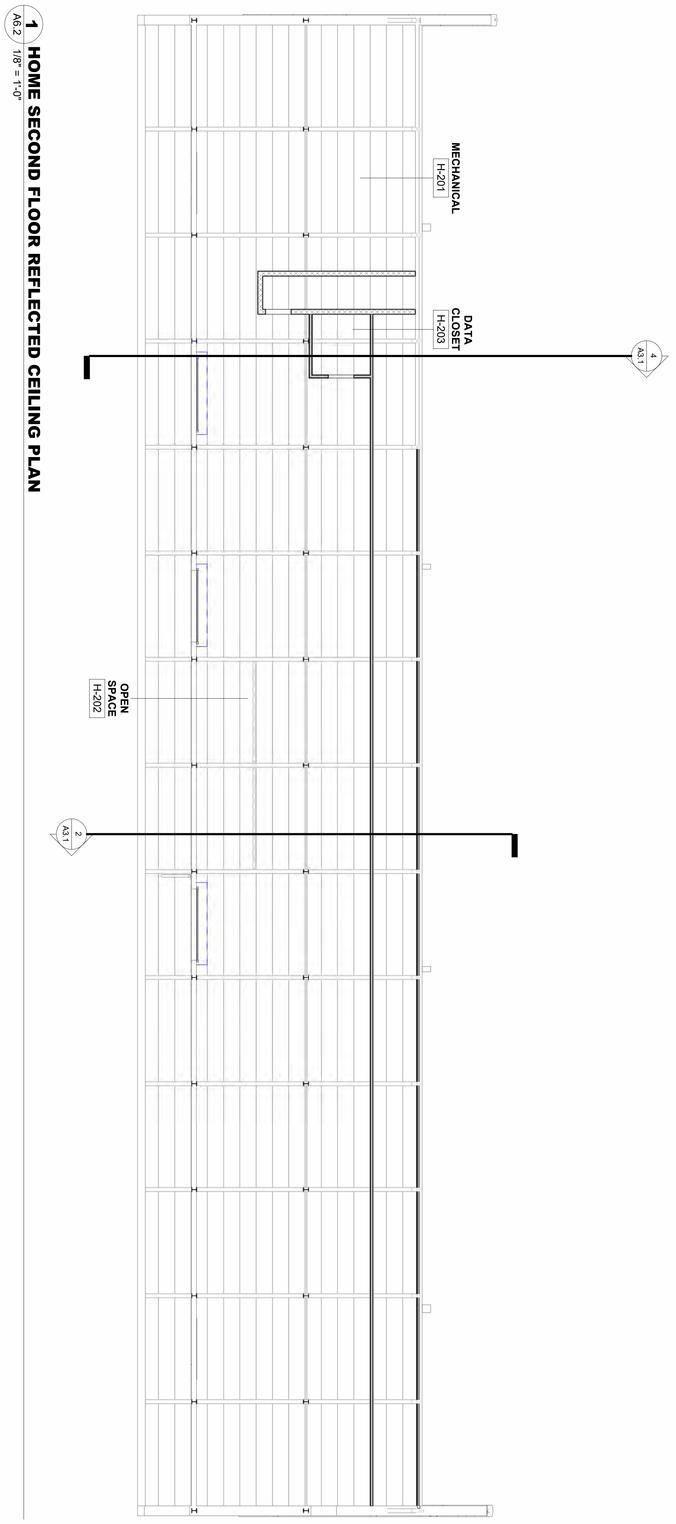
PROJ # : 24-SDL-03 DRAWN BY : SAB

SHEET TITLE:
FIRST FLOOR REFLECTED CEILING PLANS

SHEET NUMBER:
A6.1

BID DOCUMENTS

1/6/2025 5:24:07 PM



1 HOME SECOND FLOOR REFLECTED CEILING PLAN
A6.2 1/8" = 1'-0"

BID DOCUMENTS

SHEET NUMBER: A6.2

SHEET TITLE: SECOND FLOOR REFLECTED CEILING PLAN

PROJ # : 2440C-03

DRAWN BY : BAB

ISSUE DATES

DATE:	DESCRIPTION:
01/06/2025	BID DOCUMENTS

RENOVATIONS
J.P. MCCASKEY STADIUM PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

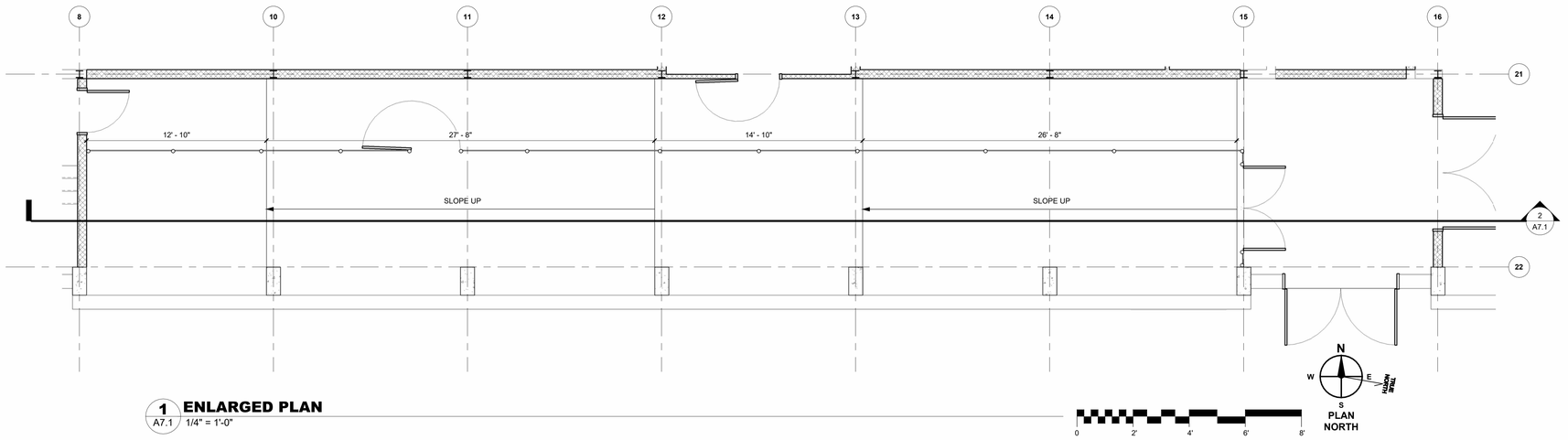
CONSULTANT:

School District of Lancaster
Together We Can!

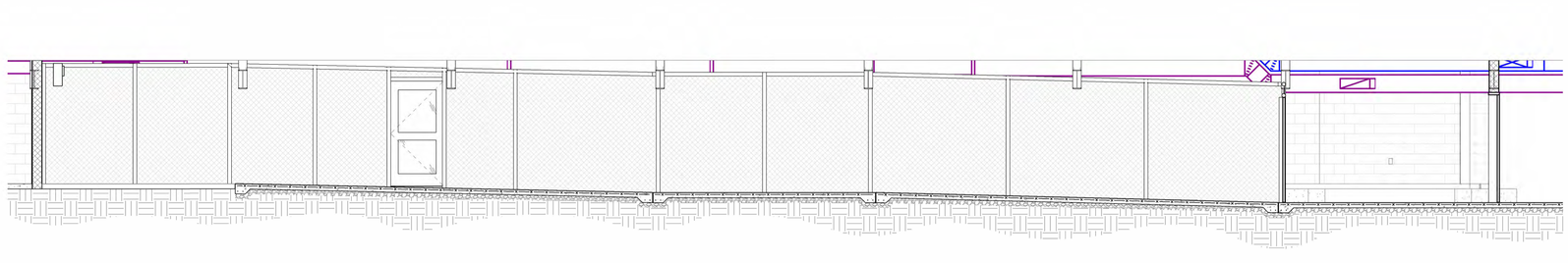
SEAL:

THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND MAY NOT BE PRODUCED IN ANY FORM WITHOUT WRITTEN PERMISSION

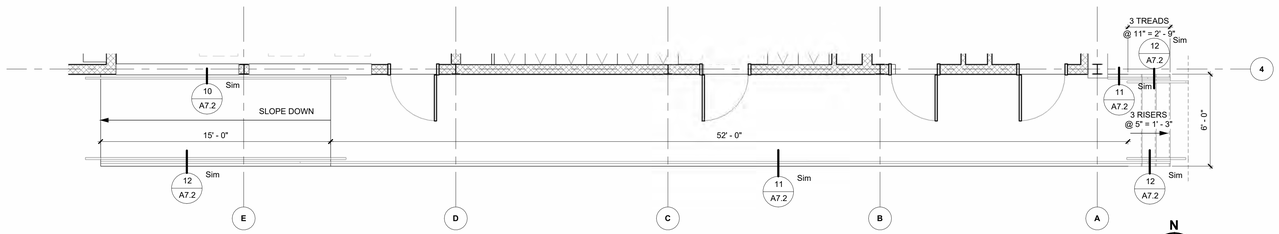
MAROTTA/MAIN ARCHITECTS
WWW.MAROTTAMAIN.COM



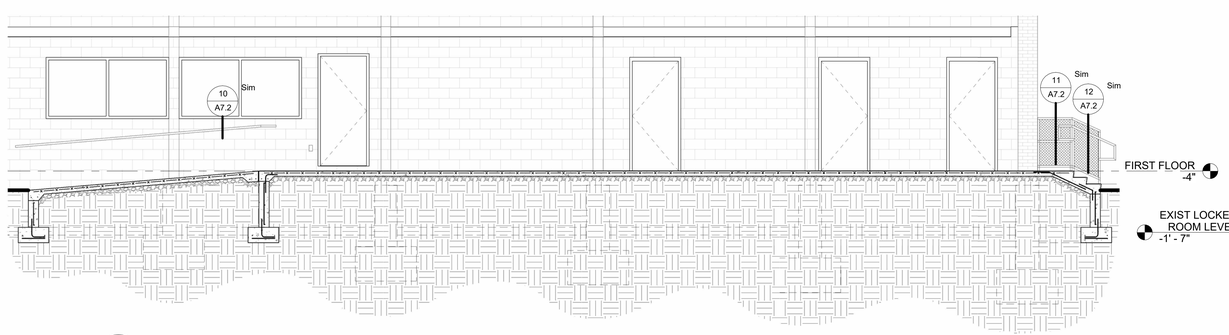
1 ENLARGED PLAN
A7.1 1/4" = 1'-0"



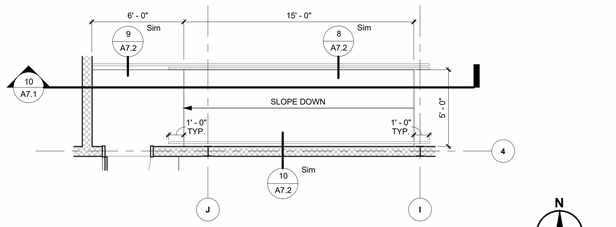
2 RAMP SECTION
A7.1 1/4" = 1'-0"



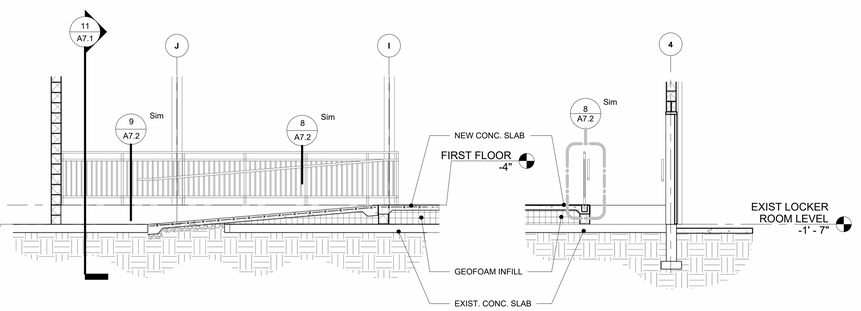
3 ENLARGED PLAN
A7.1 1/4" = 1'-0"



4 RAMP SECTION
A7.1 1/4" = 1'-0"



9 ENLARGED PLAN
A7.1 1/4" = 1'-0"



10 RAMP SECTION
A7.1 1/4" = 1'-0"

11 RAMP SECTION
A7.1 1/4" = 1'-0"

MAROTTA/MAIN
ARCHITECTS
WWW.MAROTTAMAIN.COM

THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND IS NOT TO BE USED IN ANY FORM WITHOUT WRITTEN PERMISSION

SEAL:

School District of Lancaster
Together We Can!

CONSULTANT:

RENOVATIONS
J.P. MCCASKEY STADIUM
PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES
DATE: DESCRIPTION:
01/06/2025 BID DOCUMENTS

PROJ # : 24-SDL-03 DRAWN BY : DRW

SHEET TITLE:

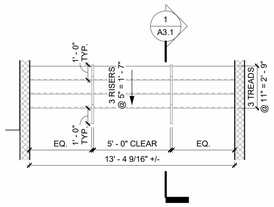
VERTICAL CIRCULATION

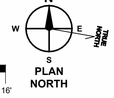
SHEET NUMBER:

A7.1

BID DOCUMENTS

1/6/2025 5:24:25 PM

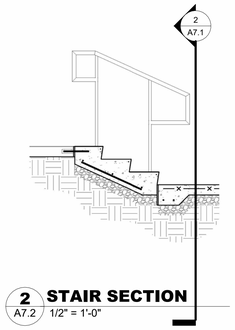




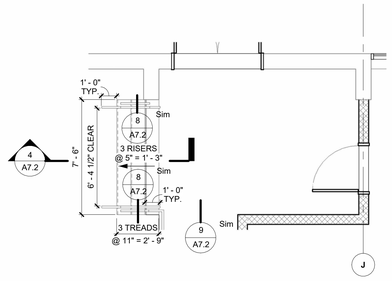
1 ENLARGED PLAN
A7.2 1/4" = 1'-0"

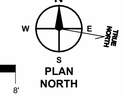
0 4' 8' 12' 16'

PLAN NORTH



2 STAIR SECTION
A7.2 1/2" = 1'-0"

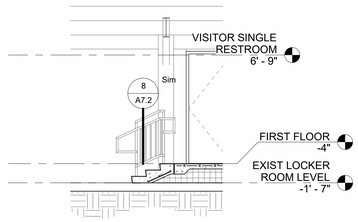




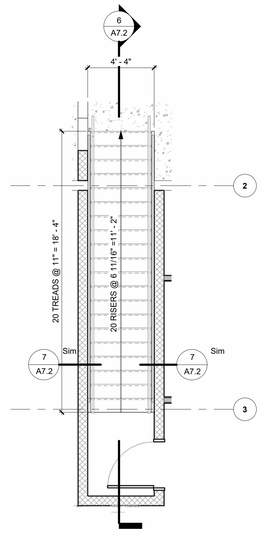
3 ENLARGED PLAN
A7.2 1/4" = 1'-0"

0 2' 4' 6' 8'

PLAN NORTH



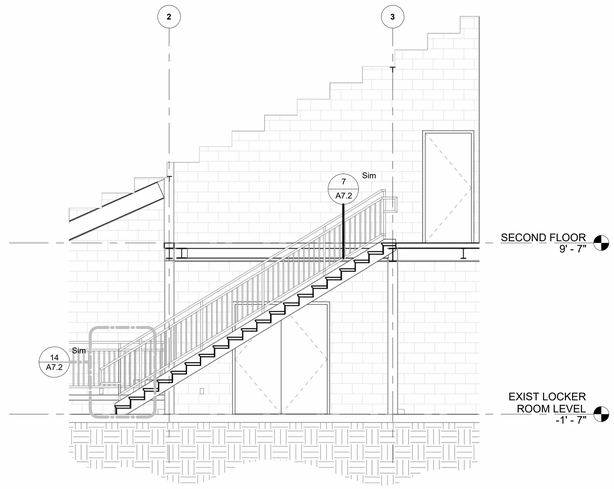
4 STAIR SECTION
A7.2 1/4" = 1'-0"



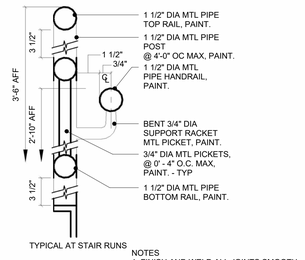
5 ENLARGED PLAN
A7.2 1/4" = 1'-0"

0 2' 4' 6' 8'

PLAN NORTH



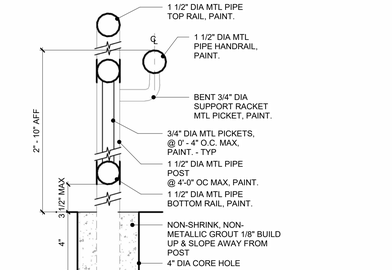
6 STAIR SECTION
A7.2 1/4" = 1'-0"



TYPICAL AT STAIR RUNS

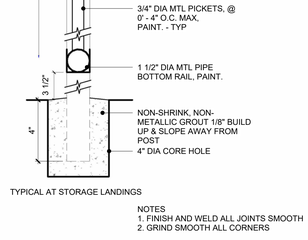
NOTES
1. FINISH AND WELD ALL JOINTS SMOOTH
2. GRIND SMOOTH ALL CORNERS

7 TYPICAL GUARD/HANDRAIL
A7.2 3" = 1'-0"



NOTES
1. FINISH AND WELD ALL JOINTS SMOOTH
2. GRIND SMOOTH ALL CORNERS

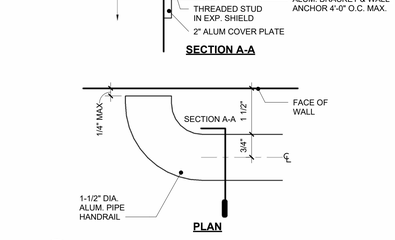
8 TYPICAL GUARD/HANDRAIL FLOOR MOUNTED
A7.2 3" = 1'-0"



TYPICAL AT STORAGE LANDINGS

NOTES
1. FINISH AND WELD ALL JOINTS SMOOTH
2. GRIND SMOOTH ALL CORNERS

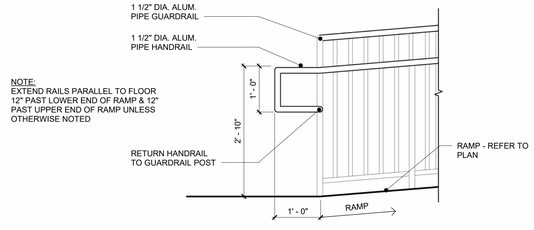
9 TYPICAL GUARDRAIL FLOOR MOUNTED
A7.2 3" = 1'-0"



SECTION A-A

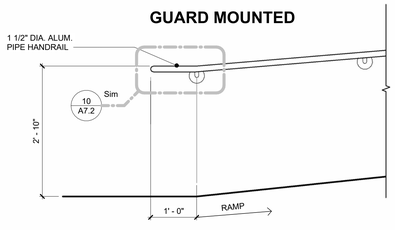
PLAN

10 TYPICAL WALL MOUNTED HANDRAIL
A7.2 6" = 1'-0"



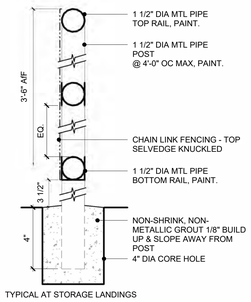
NOTE:
EXTEND RAILS PARALLEL TO FLOOR 12" PAST LOWER END OF RAMP & 12" PAST UPPER END OF RAMP UNLESS OTHERWISE NOTED

GUARD MOUNTED



WALL MOUNTED

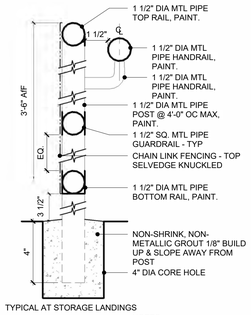
11 TYPICAL CHAINLINK GUARDRAIL FLOOR MOUNTED
A7.2 3" = 1'-0"



TYPICAL AT STORAGE LANDINGS

NOTES
1. FINISH AND WELD ALL JOINTS SMOOTH
2. GRIND SMOOTH ALL CORNERS

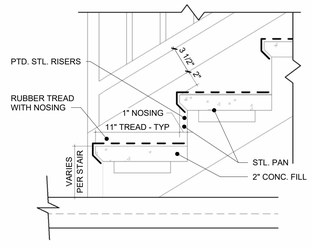
12 TYPICAL CHAINLINK GUARD/HANDRAIL FLOOR MOUNTED
A7.2 3" = 1'-0"

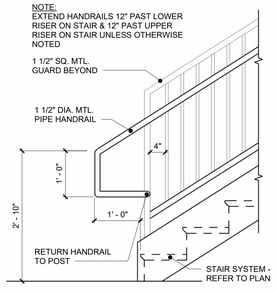


TYPICAL AT STORAGE LANDINGS

NOTES
1. FINISH AND WELD ALL JOINTS SMOOTH
2. GRIND SMOOTH ALL CORNERS

13 TYPICAL RISER & TREAD DTL
A7.2 1 1/2" = 1'-0"





14 TYPICAL RAILING
A7.2 3/4" = 1'-0"

15 TYPICAL RAMP HANDRAIL EXTENSION
A7.2 3/4" = 1'-0"

MAROTTA/MAIN ARCHITECTS
WWW.MAROTTAMAIN.COM

THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND IS NOT TO BE USED IN ANY FORM WITHOUT WRITTEN PERMISSION

SEAL:

School District of Lancaster
Together We Can!

CONSULTANT:

RENOVATIONS
J.P. MCCASKEY STADIUM
PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES
DATE: 01/06/2025 DESCRIPTION: BID DOCUMENTS

PROJ # : 24-SDL-03 DRAWN BY : DRW

SHEET TITLE:

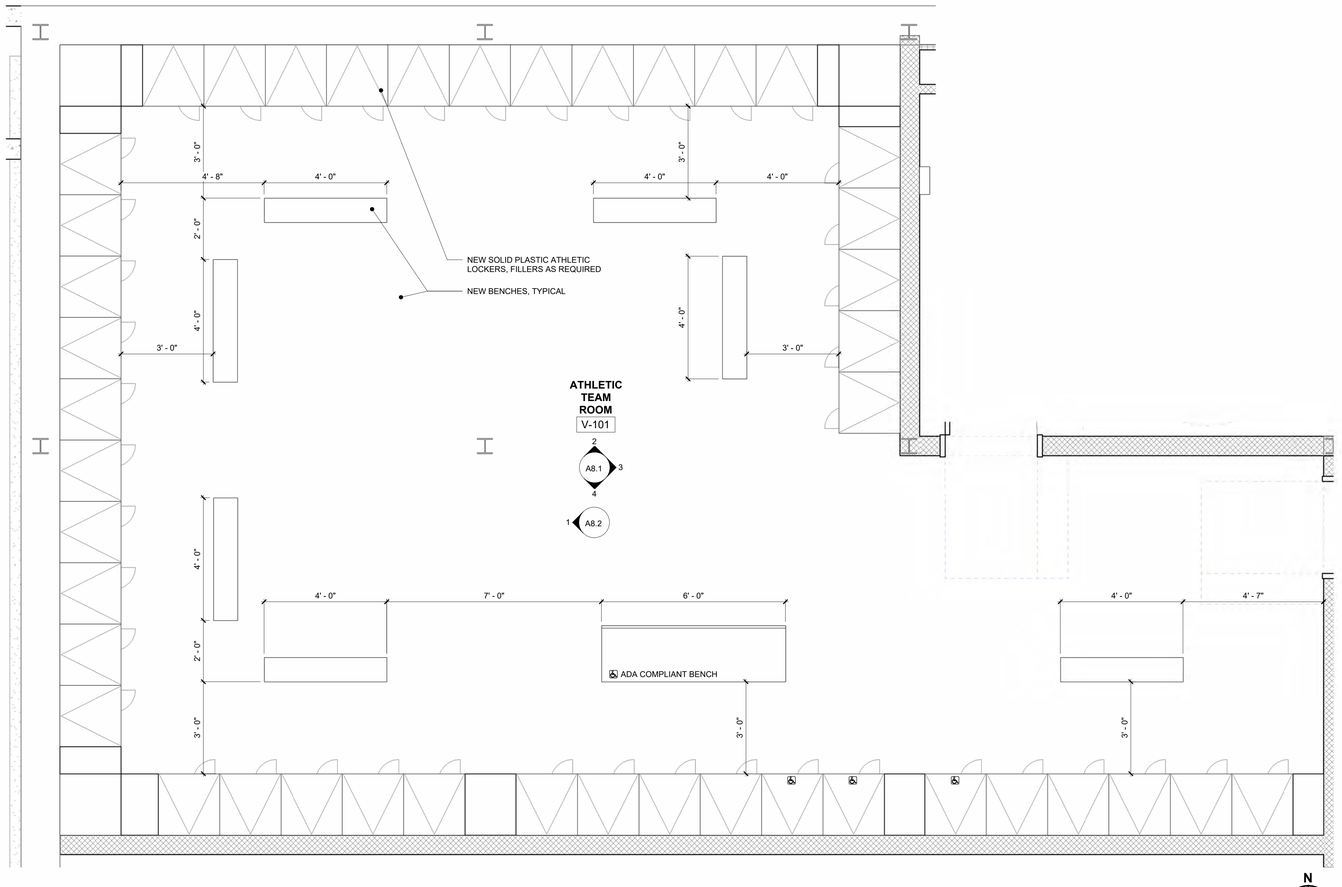
VERTICAL CIRCULATION

SHEET NUMBER:

A7.2

BID DOCUMENTS

1/6/2025 5:24:39 PM



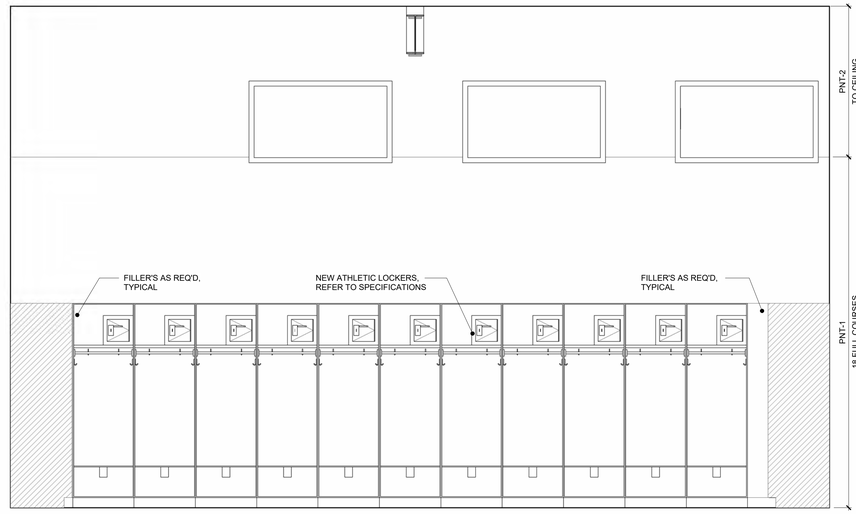
1 ENLARGED PLAN
A8.1 1/2" = 1'-0"



PLAN NORTH

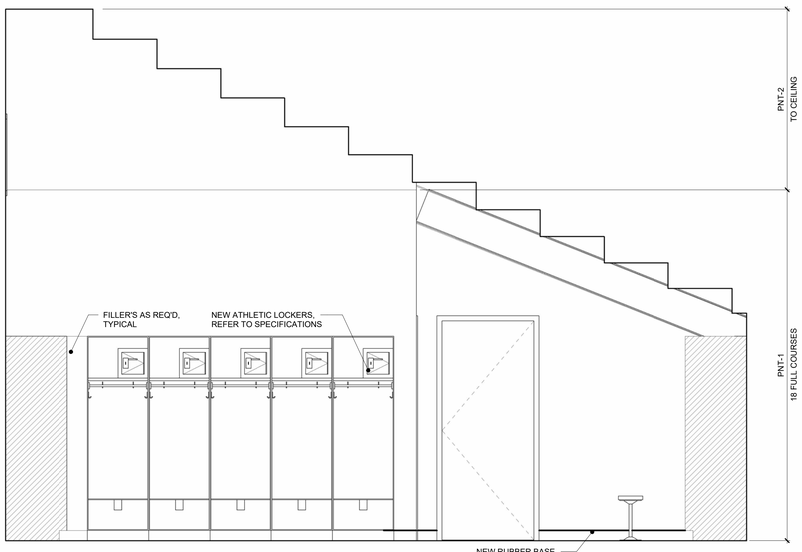
TOILET ACCESSORY SCHEDULE

Type Mark	Description
T1	ADA Compliant Horizontal and Vertical Grab Bars
T2	Surface-Mounted Soap Dispenser
T3	Bobrick B-165 1836 Channel Frame Mirror
T4	Surface-Mounted Multi-Roll Toilet Tissue Dispenser
T5	Surface-Mounted Sanitary Napkin Disposal
T6	Surface-Mounted Paper Towel Dispenser
T7	Bobrick KB110-SSWM Surface Mounted Baby Changing Station
T8	Utility Shelf
T9	Bobrick B-672 Surface Mounted Double Robe Hook



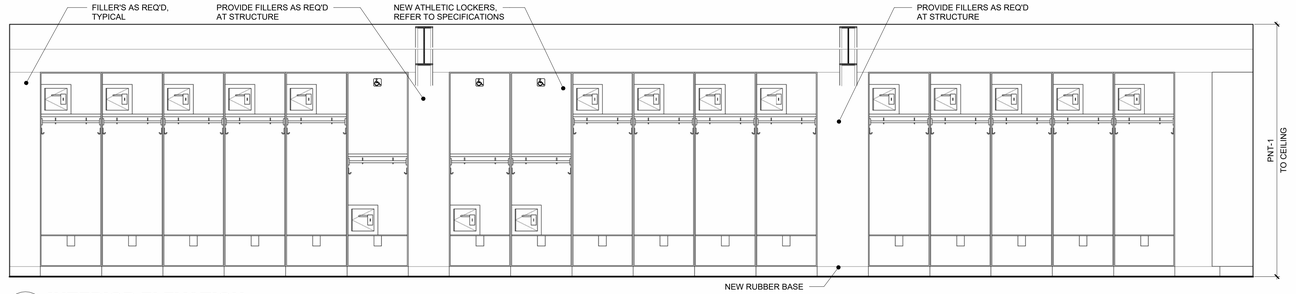
2 INTERIOR ELEVATION
A8.1 1/2" = 1'-0"

V-101 ATHLETIC TEAM ROOM



3 INTERIOR ELEVATION
A8.1 1/2" = 1'-0"

V-101 ATHLETIC TEAM ROOM



4 INTERIOR ELEVATION
A8.1 1/2" = 1'-0"

V-101 ATHLETIC TEAM ROOM

MAROTTA/MAIN ARCHITECTS
WWW.MAROTTAMAIN.COM

THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND MAY NOT BE USED IN ANY FORM WITHOUT WRITTEN PERMISSION

SEAL:

School District of Lancaster
Together We Can!

CONSULTANT:

RENOVATIONS
J.P. MCCASKEY STADIUM PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES
DATE: 01/06/2025 DESCRIPTION: BID DOCUMENTS

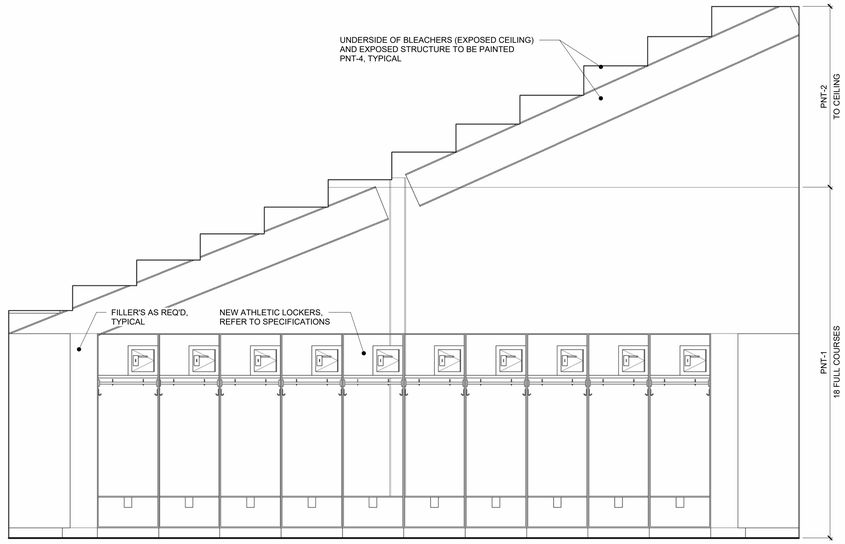
PROJ # : 24-SDL-03 DRAWN BY : DRW

SHEET TITLE:
ENLARGED PLANS & INTERIOR ELEVATIONS

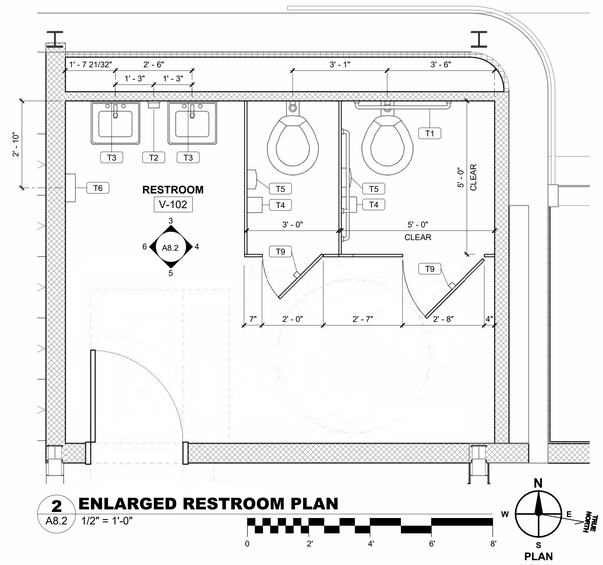
SHEET NUMBER:
A8.1

BID DOCUMENTS

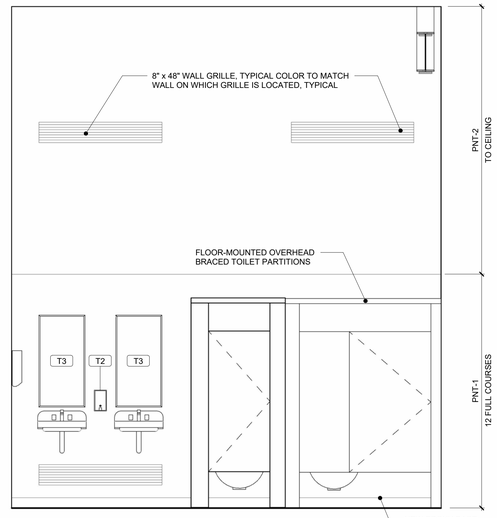
1/6/2025 5:24:50 PM



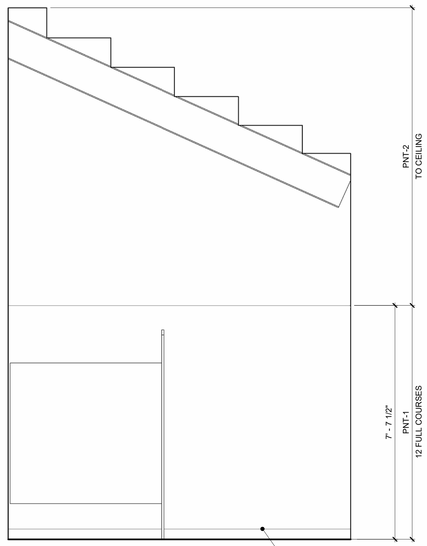
1 INTERIOR ELEVATION
A8.2 1/2" = 1'-0"
V-101 ATHLETIC TEAM ROOM



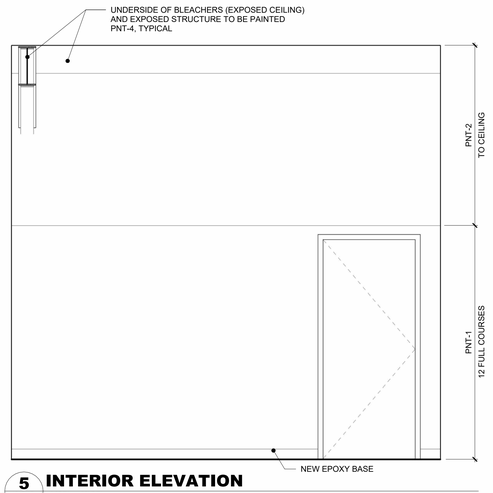
2 ENLARGED RESTROOM PLAN
A8.2 1/2" = 1'-0"
PLAN NORTH



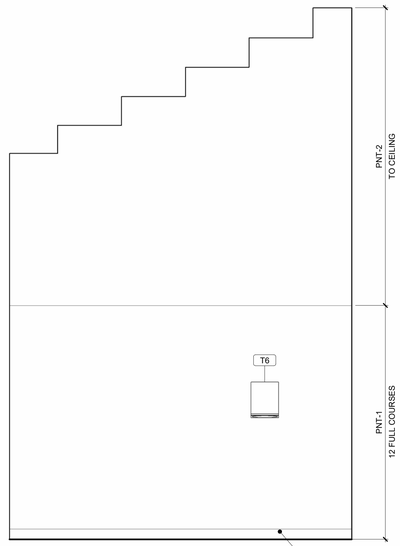
3 INTERIOR ELEVATION
A8.2 1/2" = 1'-0"
V-102 RESTROOM



4 INTERIOR ELEVATION
A8.2 1/2" = 1'-0"
V-102 RESTROOM



5 INTERIOR ELEVATION
A8.2 1/2" = 1'-0"
V-102 RESTROOM



6 INTERIOR ELEVATION
A8.2 1/2" = 1'-0"
V-102 RESTROOM

MAROTTA/MAIN ARCHITECTS
WWW.MAROTTAMAIN.COM

THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND IS NOT TO BE REPRODUCED IN ANY FORM WITHOUT WRITTEN PERMISSION

SEAL:

School District of Lancaster
Together We Can!

CONSULTANT:

RENOVATIONS
J.P. MCCASKEY STADIUM
PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES
DATE: DESCRIPTION:
01/06/2025 BID DOCUMENTS

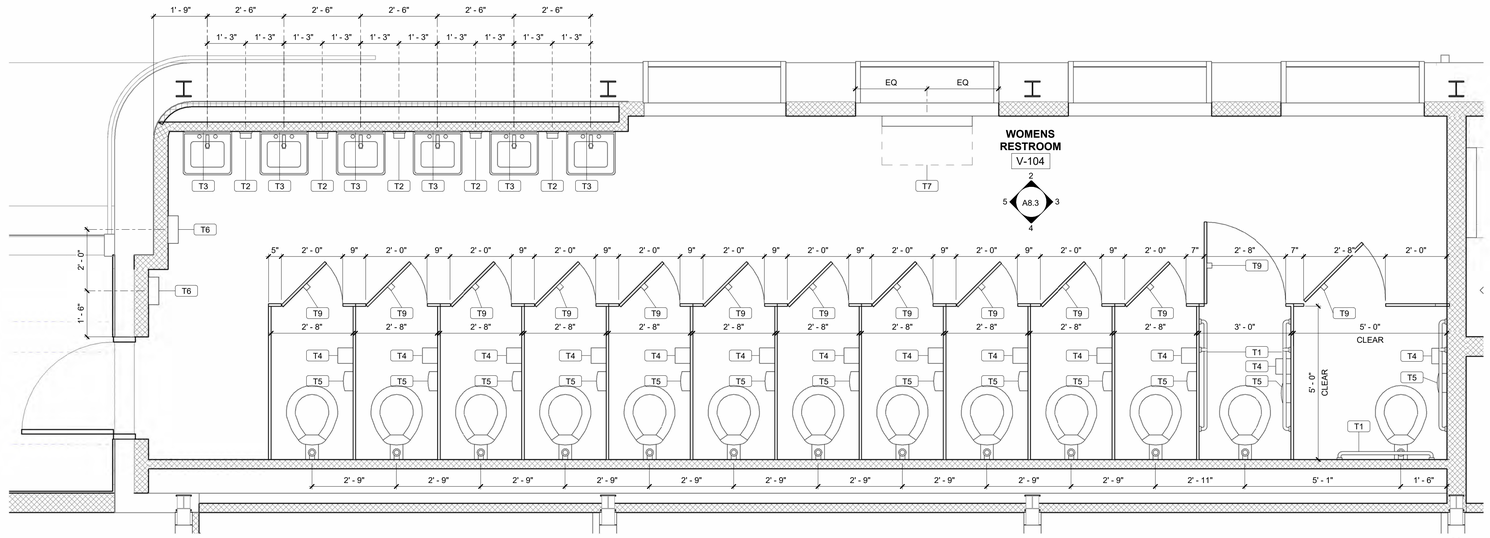
PROJ # : 24-SDL-03 DRAWN BY : DRW

SHEET TITLE:
ENLARGED PLANS & INTERIOR ELEVATIONS

SHEET NUMBER:
A8.2

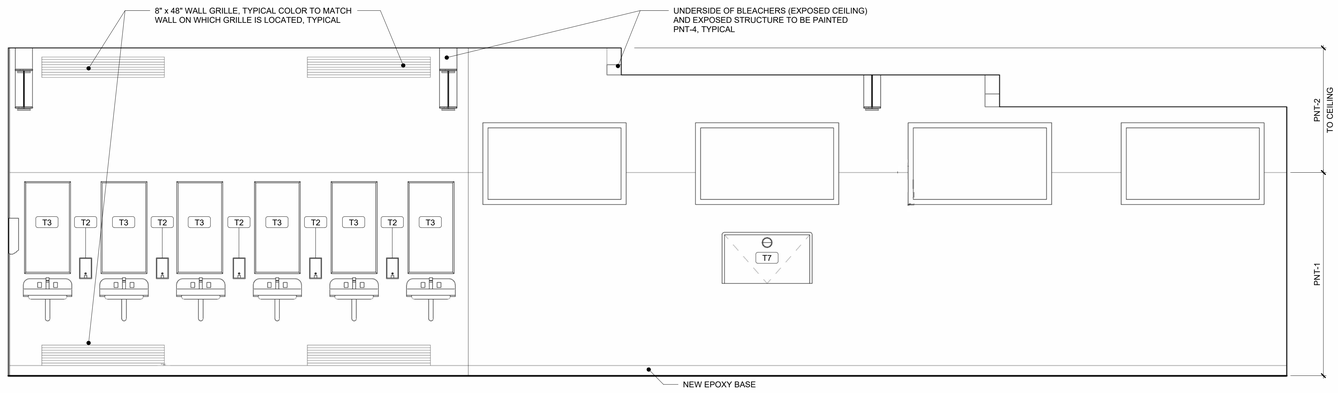
BID DOCUMENTS

1/6/2025 5:25:00 PM



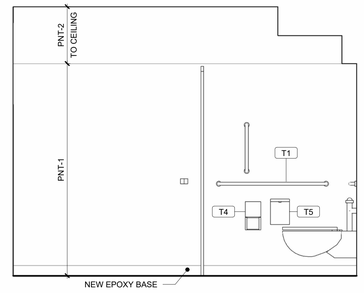
1 ENLARGED RESTROOM PLAN
A8.3 1/2" = 1'-0"





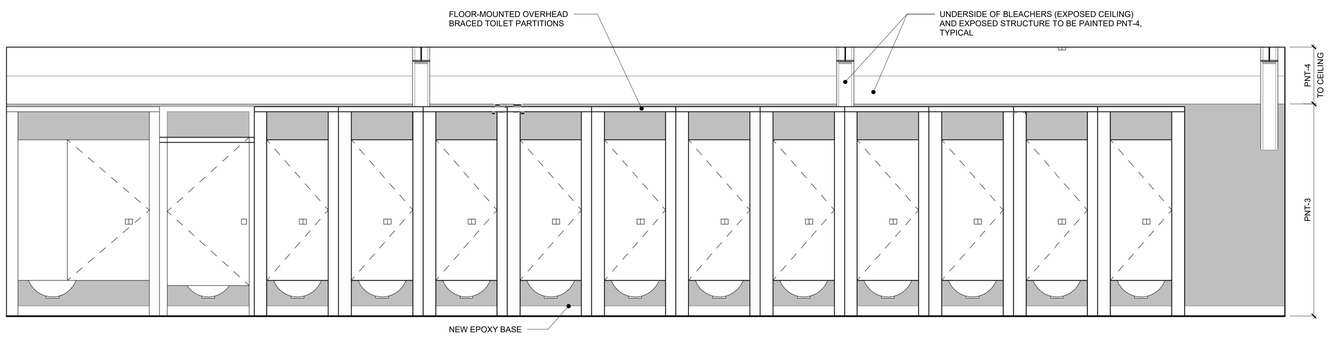
2 INTERIOR ELEVATION
A8.3 1/2" = 1'-0"

V-104 WOMENS RESTROOM



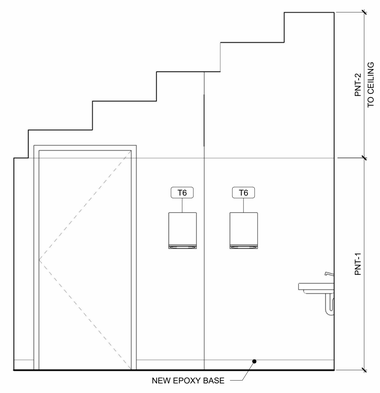
3 INTERIOR ELEVATION
A8.3 1/2" = 1'-0"

V-104 WOMENS RESTROOM



4 INTERIOR ELEVATION
A8.3 1/2" = 1'-0"

V-104 WOMENS RESTROOM



5 INTERIOR ELEVATION
A8.3 1/2" = 1'-0"

V-104 WOMENS RESTROOM

MAROTTA/MAIN ARCHITECTS
WWW.MAROTTAMAIN.COM

THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND MAY NOT BE USED IN ANY FORM WITHOUT WRITTEN PERMISSION

SEAL:

School District of Lancaster
Together We Can!

CONSULTANT:

RENOVATIONS
J.P. MCCASKEY STADIUM
PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES
DATE: 01/06/2025
DESCRIPTION: BID DOCUMENTS

PROJ # : 24-SDL-03 DRAWN BY : DRW

SHEET TITLE:
ENLARGED PLANS & INTERIOR ELEVATIONS

SHEET NUMBER:
A8.3

BID DOCUMENTS

1/6/2025 5:25:10 PM