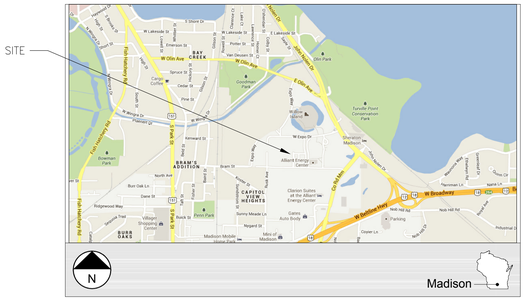
ALLIANT ENERGY CENTER PAVILIONS

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

CONSTRUCTION DOCUMENTS

County Bid No.:313072
Strang Project No.: 2013027_02

Site Location Map



Stamps

Architectural

Mechanical

Civil

Plumbing

Structural

Electrical

Design Team

Architectural Design
STRANG, INC.

Structural Design
ARNOLD & O'SHERIDAN

Civil Design/ Site Design
SAA DESIGN GROUP, INC.

Plumbing Design
STRANG, INC.

Mechanical Design
STRANG, INC.

Electrical Design
STRANG, INC.

Project Image

Note: Artistic Rendering (Not for takeoffs or bidding)

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ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

STRANG INC.
6411 MINERAL POINT ROAD
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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

TITLE SHEET - VOLUME ONE

SHEET NO.

TS01

STRANG

Symbol Legends

MATERIAL SYMBOL LEGEND

- EARTH
- GRAVEL
- CONCRETE (in section) / SAND / MORTAR / STONE
- CONCRETE (in elevation)
- CONCRETE MASONRY (in section)
- BRICK (in section)
- BRICK (in elevation)
- CLAY TILE / RUBBLE
- STEEL
- WOOD FRAMING (shim/blocking)
- WOOD FRAMING (dimen. lumber)
- FINISH WOOD
- PLYWOOD
- BATT INSULATION
- RIGID INSULATION
- GLASS (in elevation)
- CERAMIC TILE
- PLASTER / GYPSUM BOARD / TERRAZZO

DRAWING SYMBOL LEGEND

- NORTH ARROW
- NORTH ARROW (Project North & True North)
- DETAIL REFERENCE — Detail Number / Sheet Number
- SECTION REFERENCE — Section Number / Sheet Number
- BUILDING SECTION REFERENCE — Building Section Number / Sheet Number
- INTERIOR ELEVATION — Interior Elevation Number / Sheet Number
- REVISION (Cloud Acound Revision)
- COLUMN GRID NUMBER
- VERTICAL ELEVATION
- ROOM NUMBER
- DOOR NUMBER
- PARTITION TYPE
- SPECIFIC DEMOLITION NOTE
- SPECIFIC ARCHITECTURAL NOTE
- WINDOW TYPE
- BORROWED LIGHT TYPE
- EQUIPMENT TYPE

SITE SYMBOL LEGEND

- 121.42 / 100.00 — SITE ELEVATION – 1ST FLOOR / BLDG. ELEVATION – 1ST FLOOR
- + 121.42 — REQUIRED SPOT ELEVATION
- + 121.42 — EXISTING SPOT ELEVATION
- 100 — EXISTING CONTOUR
- 100 — FINISHED CONTOUR
- B.M. EL. 100 — BENCHMARK
- T.B. #1 — TEST BORING
- M.H. — MANHOLE
- C.B. — CATCH BASIN
- FIRE HYDRANT
- STREET LIGHTS
- POWER POLES
- 8" OAK — EXISTING TREE TO REMAIN
- 8" OAK — EXISTING TREE TO BE REMOVED
- PROPERTY OR BOUNDARY LINE
- HIDDEN, FUTURE, OR EXISTING CONSTR. TO BE REMOVED
- W — WATER MAIN
- T — TELEPHONE LINE
- P — POWER LINE
- G — GAS MAIN
- O — FUEL LINE - OIL
- SS — SANITARY SEWER
- STS — STORM SEWER
- DT — DRAIN - OPEN TILE

STRUCTURAL, MECHANICAL (HVAC), ELECTRICAL & PLUMBING SYMBOL LEGENDS: SEE RESPECTIVE SHEETS

Abbreviations

&	AND
<	ANGLE
@	AT
Ø	DIAMETER; ROUND; PHASE
#	POUND; NUMBER
A-180	A LABEL-180 MINUTE FIRE RATING
B-90	B LABEL-90 MINUTE FIRE RATING
C-45	C LABEL-45 MINUTE FIRE RATING
D-20	D LABEL-20 MINUTE FIRE RATING
AB ABBR	ANCHOR BOLT ABBREVIATION
ACOUS	ACOUSTICAL
ACP	ACOUSTICAL CEILING PANEL
ADJ	ADJUSTABLE; ADJACENT
AFF	ABOVE FINISH FLOOR
AFS	AIR FLOW STATION
AGGR	AGGREGATE
AHU	AIR HANDLING UNIT
AL	ALUMINUM
ALT	ALTERNATE
AP	ACCESS PANEL
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL; ARCHITECT
ASPH	ASPHALT
AV	AIR VALVE
BD	BOARD
BET'W	BETWEEN
BHD	BULKHEAD
BITUM	BITUMINOUS
BL	BORROWED LIGHT
BLDG	BUILDING
BLKG	BLOCKING
BM	BEAM
BN	BULLNOSE
BP	BASE PLATE
BOT	BOTTOM
BO	BOTTOM OF
BRG	BEARING
BSC	BIO-SAFETY CABINET
BTU	BRITISH THERMAL UNITS
BTUH	BRITISH THERMAL UNITS per HOUR
BUR	BUILT-UP ROOF
C	CONVECTOR; CHANNEL
CAB	CABINET
CB	CATCH BASIN
CEM	CEMENT
CER	CERAMIC
CFM	CUBIC FEET per MINUTE
CG	CORNER GUARD
CH	COAT HOOK
CJ	CONTROL JOINT
CHBD	CHALKBOARD
CL	CENTER LINE
CLG	CEILING
CLOS	CLOSET
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONJ	CONSTRUCTION JOINT
CONN	CONNECTION
CONSTR	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CORR	CORRIDOR
CPT	CARPET
CS	CAST STONE
CT	CERAMIC TILE
CTSK	COUNTERSUNK
CTR	CENTER
CU	CONDENSING UNIT
CUH	CABINET UNIT HEATER
CYL	CYLINDER
D	DEPTH
DBA	DECK BEARING ANGLE
DBL	DOUBLE
DEMO	DEMOLITION
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DISP	DISPENSER
DN	DOWN
DO	DO OVER; DITTO
DP	DAMPPROOFING
DR	DOOR
DS	DOWNSPOUT
DSD	DUCT SMOKE DETECTOR
DT	DRAIN TILE
DTL	DETAIL
DWG	DRAWING
DWL	DOWEL
E	EAST
EA	EACH; EXHAUST AIR
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
EIFS	EXTERIOR INSULATION FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
ENCL	ENCLOSURE
EP	ELECTRIC PANEL
EQ	EQUAL
EQUIP	EQUIPMENT
ETR	EXISTING TO REMAIN
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EXH	EXHAUST
EXST	EXISTING
EXPO	EXPOSED
EXP	EXPANSION
EXT	EXTERIOR
FA	FIRE ALARM
FB	FACE BRICK; FLOOR BOX
FCTY	FACTORY
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEB	FIRE EXTINGUISHER BRACKET
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FH	FUME HOOD; FIRE HOSE
FHC	FIRE HOSE CABINET
FIN	FINISH
FIX	FIXTURE
FL	FLOOR
FLUOR	FLUORESCENT
FO	FINISHED OPENING
FOC	FACE OF CONCRETE
FOS	FACE OF STUDS
FPRF	FIREPROOFING
FRP	FIBERGLASS REINFORCED PANEL
FRT	FIRE RETARDANT
FRZ	FREEZER
FT	FOOT; FEET
FTG	FOOTING
FURR	FURRING
FUT	FUTURE
FV	FIELD VERIFY
G	GAS
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GL	GLASS
GMSS	GLASS MAT GYPSUM SHEATHING
GND	GROUND
GWB	GYPSUM WALLBOARD
GYP	GYPSUM
H	HIGH
HB	HOSE BIB
HBD	HARDBOARD
HC	HOLLOW CORE
HDWD	HARDWOOD
HDWE	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HP	HORSE POWER
HR	HOUR
HSS	HOLLOW STRUCTURAL SECTION
HT	HEIGHT
HVAC	HEATING, VENTILATION, & AIR CONDITIONING
HWD	HARDWOOD
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IF	INSIDE FACE
IMP	INSULATED METAL PANEL
INSUL	INSULATION
INT	INTERIOR
ITD	IMPACT TRAFFIC DOOR
JAN	JANITOR
JBE	JOIST BEARING ELEVATION
JT	JOINT
KIT	KITCHEN
KO	KNOCKOUT
KP	KICK PLATE
KS	KNEE SPACE
L	LENGTH; ANGLE
LAB	LABORATORY
LAM	LAMINATE
LAV	LAVATORY
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LT	LIGHT
LWC	LIGHTWEIGHT CONCRETE
MATL	MATERIAL
MAX	MAXIMUM
MB	MOP BASIN
MC	MECHANICAL CONTRACTOR
MECH	MECHANICAL
MEMB	MEMBRANE
MEP	MECHANICAL, ELECTRICAL & PLUMBING
MTL	METAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MH	MANHOLE or MOP HOLDER
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
ML&P	METAL LATH & PLASTER
MO	MASONRY OPENING
MTD	MOUNTED
MUL	MULLION
N	NORTH
NIC	NOT IN CONTRACT
NP	NON POTABLE WATER
NO. or #	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OVERALL; OUTSIDE AIR
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFF	OFFICE
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
OH	OVERHEAD
OHCD	OVERHEAD COILING DOOR
OHSD	OVERHEAD SECTIONAL DOOR
OP	OPERABLE PARTITION
OPNG	OPENING
OPP	OPPOSITE
OPP.H	OPPOSITE HAND
PA	PUBLIC ADDRESS
PC	PLUMBING CONTRACTOR
PERP	PERPENDICULAR
PL	PLATE; PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLBG	PLUMBING
PLYWD	PLYWOOD
PR	PAIR
PT	PAINT
PTD	PAPER TOWEL DISPENSER
PTD/R	PAPER TOWEL DISPENSER / RECEPTACLE
PTN	PARTITION
PTR	PAPER TOWEL RECEPTACLE
QT	QUARRY TILE
R	RADIUS; RISER
RA	RETURN AIR
RB	RESILIENT BASE
RBC	RESILIENT BASE COVED
RBS	RESILIENT BASE STRAIGHT
RD	ROOF DRAIN
REF	REFERENCE
REFR	REFRIGERATOR
REINF	REINFORCED
REM	REMOVE
REQ	REQUIRED
RM	ROOM
RO RT	ROUGH OPENING RIGHT; RUBBER TILE
RUB	RUBBER
RWD	REDWOOD
S	SOUTH; SINK; SUPPLY
S&V	STAIN & VARNISH
SAB	SOUND ATTENUATION BLANKET
SAN	SANITARY
SB	SOIL BORING
SC	SOLID CORE
SCD	SEAT COVER DISPENSER
SCHED	SCHEDULE
SCON	SEALED CONCRETE
SD	SOAP DISPENSER
SECT	SECTION
SF	SQUARE FOOT
SH	SHELF
SHR	SHOWER
SHT	SHEET
SIM	SIMILAR
SNR	SANITARY NAPKIN RECEPTACLE
SNV	SANITARY NAPKIN VENDOR
SOG	SLAB ON GRADE
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STA	STATION
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUC	STRUCTURAL
SUSP	SUSPENDED
SYM	SYMMETRICAL
T	TREAD; THRESHOLD
T&B	TOP & BOTTOM
T&G	TONGUE & GROOVE
TEL	TELEPHONE
TEMP	TEMPORARY; TEMPERATURE
TER	TERRAZZO
THK	THICK
TKBD	TACK BOARD
TOB	TOP OF BEAM
TOF	TOP OF FOOTING
TOS	TOP OF STEEL
TPD	TOILET PAPER DISPENSER
TV	TELEVISION
TW	TOP OF WALL
TYP	TYPICAL
UH	UNIT HEATER
UNF	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
V	VENT; VOLT; VALVE
VAC	VACUUM
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VSF	VINYL SHEET FLOORING
VTR	VENT THROUGH ROOF
VWC	VINYL WALL COVERING
W	WEST; WIDTH; WIDE; WATT; WASTE; WATER
W/	WITH
WO	WITHOUT
WB	WOOD BASE
WC	WATER CLOSET
WD	WOOD
WF	WIDE FLANGE
WM	WIRE MESH
WP	WATERPROOF; WEATHERPROOF
WR	WATER RESISTANT; WASTE RECEPTACLE
WT	WEIGHT
WWF	WELDED WIRE FABRIC
YD	YARD

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

STRANG INC.
6411 MINERAL POINT ROAD
MADISON, WI 53705-4395

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

E F D C B A

KEY PLAN

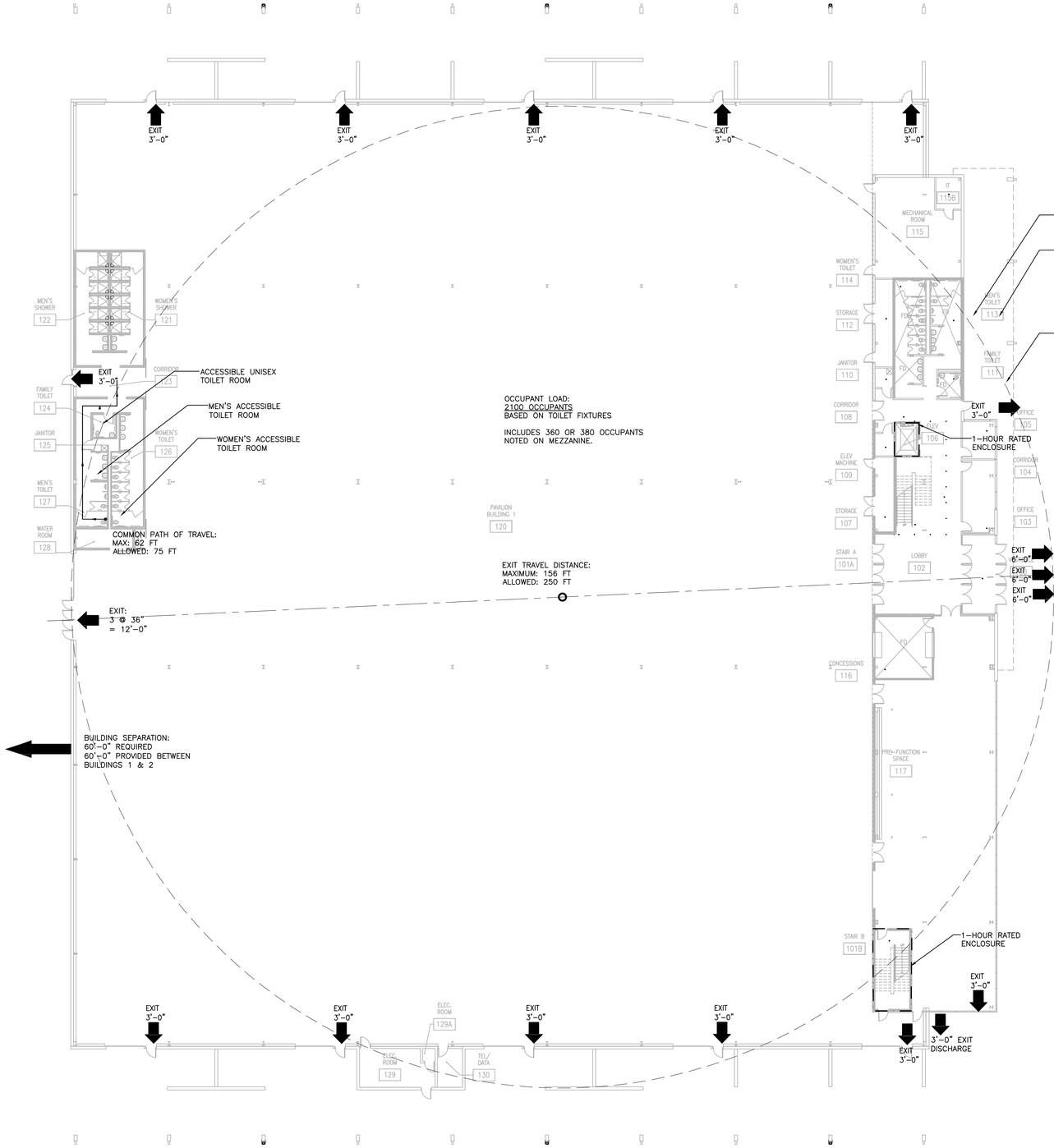
SHEET TITLE

GENERAL INFORMATION

SHEET NO.

G001

JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-G001.DWG



Codes

PROJECT TYPE: New Building
OCCUPANCY TYPES: Major Occupancy = Assembly (A3), Other Occupancy = Business (B)
CLASS OF CONSTRUCTION: IIB Noncombustible
FIRE SPRINKLER SYSTEM: Fully Sprinklered per NFPA 13
ALLOWABLE HEIGHT & AREA DETERMINED BY:
PROPOSED BUILDING AREA:

BasementNoneFirst Floor100,420 gross sq. ft. Mezzanine12,845 gross sq. ft.ALLOWABLE AREA:

Unlimited Area Building per 507.6.

BUILDING HEIGHT:
- Two stories above grade plane
- Approx. 41'-10.' to roof peak

ALLOWABLE BUILDING HEIGHT
- Two stories per IBC Table 503
- 55'-0 per IBC Table 503

FIRE RESISTANCE RATINGS:
Fire Resistance Hourly Ratings for Structure (IBC Table 601):
- Structural Frame – 0 Hours
- Floor Construction – 0 Hours
- Roof construction – 0 Hour
- Bearing walls, exterior – 2 Hours
- Bearing walls, interior – 0 Hours

Fire Resistance Hourly Ratings for Separations:
- Vertical Exit Enclosures (IBC Section 1020) – 0 Hour
- Exit Passageways (IBC Section 1021) – 0 Hours
- Elevator hoistways and equipment rooms (Chapter 30) – 1 Hours
- Shaft Enclosures (IBC Section 707.4) – 1 Hours
- Corridors(IBC Table 1017.1) – 0 Hours

OCCUPANT LOAD CALCULATIONS: per 1004.1.1, Exception. Occupant load based on Actual Number of Occupants. Total building occupant load limited by toilet fixture counts. Mezzanine occupant load limited by egress widths.

Floor level	Occupant Load Calculation	Subtotal: Occ. Load Per Floor Level
Building Occupant Load	Men: 9 wc @ 125 Occupants per wc	1125 Occupants
	Women: 15 wc @ 65 Occupants per wc	975 Occupants
	Total	2100 Occupants
Mezzanine Occupant Load	Stair A: 36' Door @ 0.2' per Occupant	180 Occupants
	Stair B: 36' Door @ 0.2'/Occupant	180 Occupants
	Total	360 Occupants
Total Building Occupant Load		2100 persons

EXIT WIDTH CALCULATIONS:

Floor Level	Stairs, Required	Stairs, Provided	Other Required	Other Provided
1st Floor		120 inches	2775 persons x 0.2 = 555 inches	864 inches
2nd Floor	360 persons x 0.3 = 120 inches	120 inches	360 persons x 0.2 = 72 inches	72 inches

EXIT ACCESS TRAVEL DISTANCE (IBC Table 1016.1): 250' Allowed
156' Actual

PLUMBING FIXTURE CALCULATIONS (Table 2902.1):

Number of Fixtures	Water Closets		Lavatories		Drinking Fountains	Service Sinks
	Men	Women	Men	Women		
Total required	9	14	6	5	5	1
Total provided	9(2,3)	7(2,3)	7(2,3)	7(2,3)	0(4)	2

Notes:
(1.) Calculations are based upon an occupant load of 538(A3=305, B=233). Total GSF used to calculate occupant load includes 1st floor outdoor patio but does not include the area under canopies.
(2.) The total number of Men's Water Closets includes four (4) urinals.
(3.) Two Unisex Toilets provided. Each Women and Men count one of these for water closets and lavatories.
(4.) Exception taken: Comm 62.2902 Plumbing Fixtures (1) MINIMUM NUMBER OF FIXTURES (a) (2). Potable water in cups is served in each of the Concession Areas.

GENERAL NOTES
1. ALL NEW SWINGING DOORS ARE 36"-WIDE AND EQUIPPED WITH ADA-COMPLIANT LEVER-ACTION HARDWARE U.N.O.

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ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

STRANG INC.
6411 MINERAL POINT ROAD
MADISON, WI 53705-4395

T/ 608 276 9200
F/ 608 276 9204

DRAWING SET	CD
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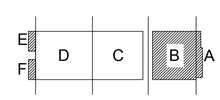
FILE NAME	2013027_02-LS01.DWG
REVISIONS	
DRAWN	MJ
CHECKED	RG
DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713



KEY PLAN

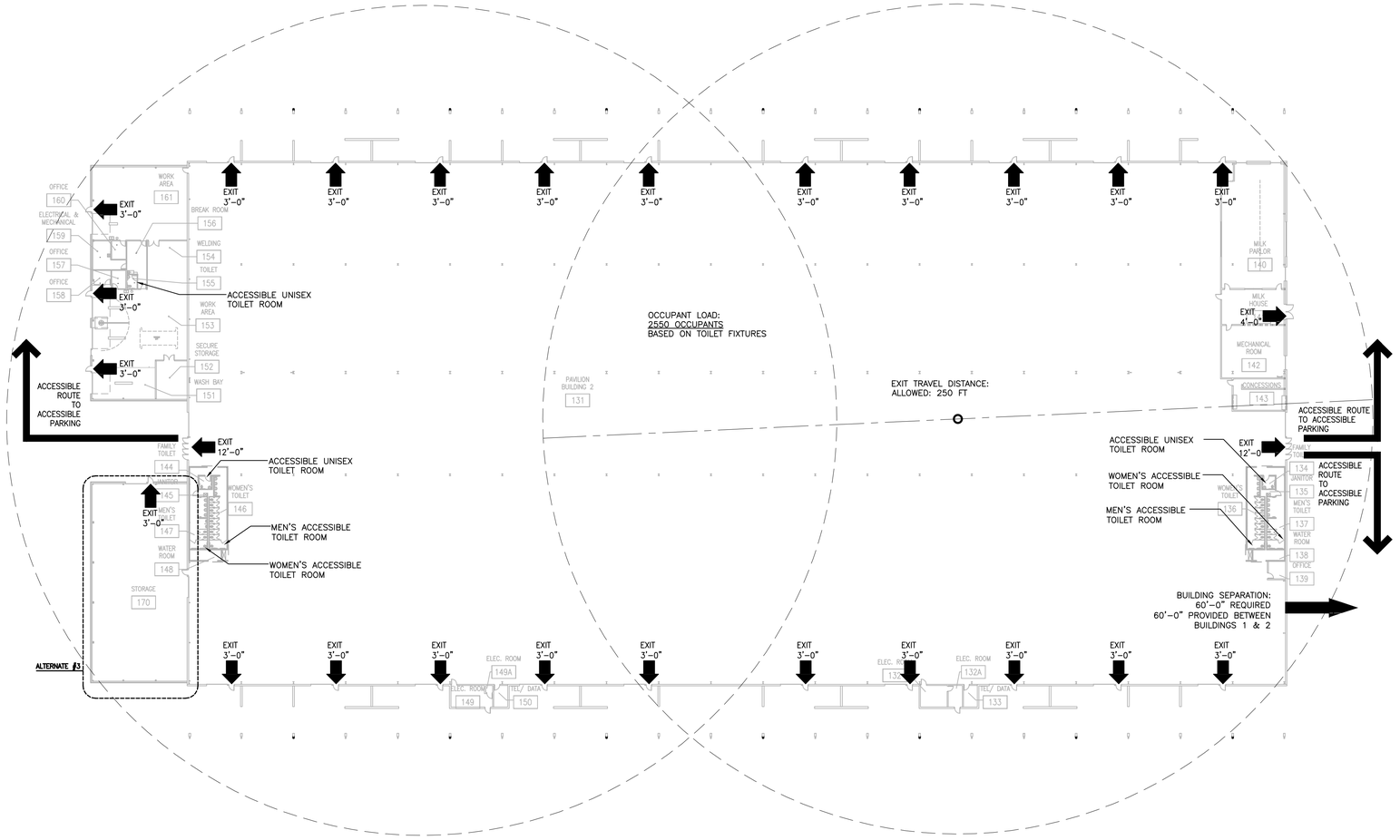
SHEET TITLE

BUILDING 1
LIFE SAFETY &
CODE INFORMATION

SHEET NO.

LS01

Last Saved: 2013-08-01 - 10:45
Plotted: 2013-08-01 - 10:47
2013027_02-LS01.DWG
2013027_02-LS01.DWG
2013027_02-LS01.DWG
2013027_02-LS01.DWG
2013027_02-LS01.DWG
JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-LS01.DWG



GENERAL NOTES
1. ALL NEW SWINGING DOORS ARE 36"-WIDE AND EQUIPPED WITH ADA-COMPLIANT LEVER-ACTION HARDWARE U.N.O.

Codes

PROJECT TYPE: New Building
OCCUPANCY TYPES: Major Occupancy = Assembly (A3), Other Occupancy = GROUP S-1, MOD. HAZARD STORAGE, GROUP S-1, MOTOR VEHICLE REPAIR, GROUP B, BUSINESS (OFFICE CORE), GROUP F1, WOODWORKING SHOP
CLASS OF CONSTRUCTION: IIB Noncombustible
FIRE SPRINKLER SYSTEM: Fully Sprinklered per NFPA 13
PROPOSED BUILDING AREA:

First Floor: 190,755 gross sq. ft. Pavilion, 7,515 gross sq. ft. Maintenance Shop, 6,445 gross sq. ft. Storage

ALLOWABLE AREA: Unlimited Area Building per 507.6.

BUILDING HEIGHT:
- One story above grade plane

Approx. 39'-10" to roof peak Pavilion, 23'-8" to high point Maintenance Shop & Storage.

ALLOWABLE BUILDING HEIGHT
- Two stories per IBC Table 503
- 55'-0" per IBC Table 503

FIRE RESISTANCE RATINGS:
Fire Resistance Hourly Ratings for Structure (IBC Table 601):
- Structural Frame – 0 Hours
- Floor Construction – 0 Hours
- Roof construction – 0 Hour
- Bearing walls, exterior – 2 Hours
- Bearing walls, interior – 0 Hours

Fire Resistance Hourly Ratings for Separations:
- Vertical Exit Enclosures (IBC Section 1020) – 0 Hour
- Exit Passageways (IBC Section 1021) – 0 Hours
- Shaft Enclosures (IBC Section 707.4) – 1 Hours
- Corridors(IBC Table 1017.1) – 0 Hours

OCCUPANT LOAD CALCULATIONS: per 1004.1.1, Exception. Occupant load based on Actual Number of Occupants. Total building occupant load limited by toilet fixture counts for Pavilion Occupancy.

Floor level	Occupant Load Calculation	Subtotal: Occ. Load Per Floor Level
Pavilion Occupant Load	Men: 10 wc @ 125 Occupants per wc	1250 Occupants
	Women: 20 wc @ 65 Occupants per wc	1300 Occupants
	Total	2550 Occupants
Maintenance Shop Occ. Load	Group S-1, 4290 GSF	9 Occupants
	Group B, 877 GSF	9 Occupants
	Group F-1, 2400 GSF	24 Occupants
		42 Occupants
Storage Occupant Load	Group S-1, 6445 GSF	13 Occupants
		13 Occupants
Total Building Occupant Load	Total	2605 persons

EXIT WIDTH CALCULATIONS:

Floor Level	Stairs, Required	Stairs, Provided	Other Required	Other Provided
1st Floor			2605 persons x 0.2 = 521 inches	1200 inches

EXIT ACCESS TRAVEL DISTANCE (IBC Table 1016.1): 250' Allowed
156' Actual

PLUMBING FIXTURE CALCULATIONS (Table 2902.1): Pavilion

Number of Fixtures	Water Closets		Lavatories		Drinking Fountains	Service Sinks
	Men	Women	Men	Women		
Total required	10	20	6	7	5	1
Total provided	8(2)	20(2,3)	8	10(3)	0(4)	2

PLUMBING FIXTURE CALCULATIONS (Table 2902.1): Maintenance & Storage

Number of Fixtures	Water Closets	Lavatories	Drinking Fountains	Service Sinks
Total required	1	1	1	1
Total provided	1	1	0(4)	1

Notes:
(1.) Calculations are based upon an occupant load of 538(A3=305, B=233). Total GSF used to calculate occupant load includes 1st floor outdoor patio but does not include the area under canopies.
(2.) The total number of Men's Water Closets includes four (4) urinals.
(3.) Two Unisex Toilets provided. Each Women count one of these for water closets and lavatories.
(4.) Exception taken: Comm 62.2902 Plumbing Fixtures (1) MINIMUM NUMBER OF FIXTURES (a) (2). Potable water in cups is served in each of the Concession Areas.

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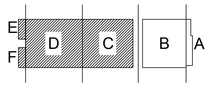
CHECKED	RG
DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713



KEY PLAN

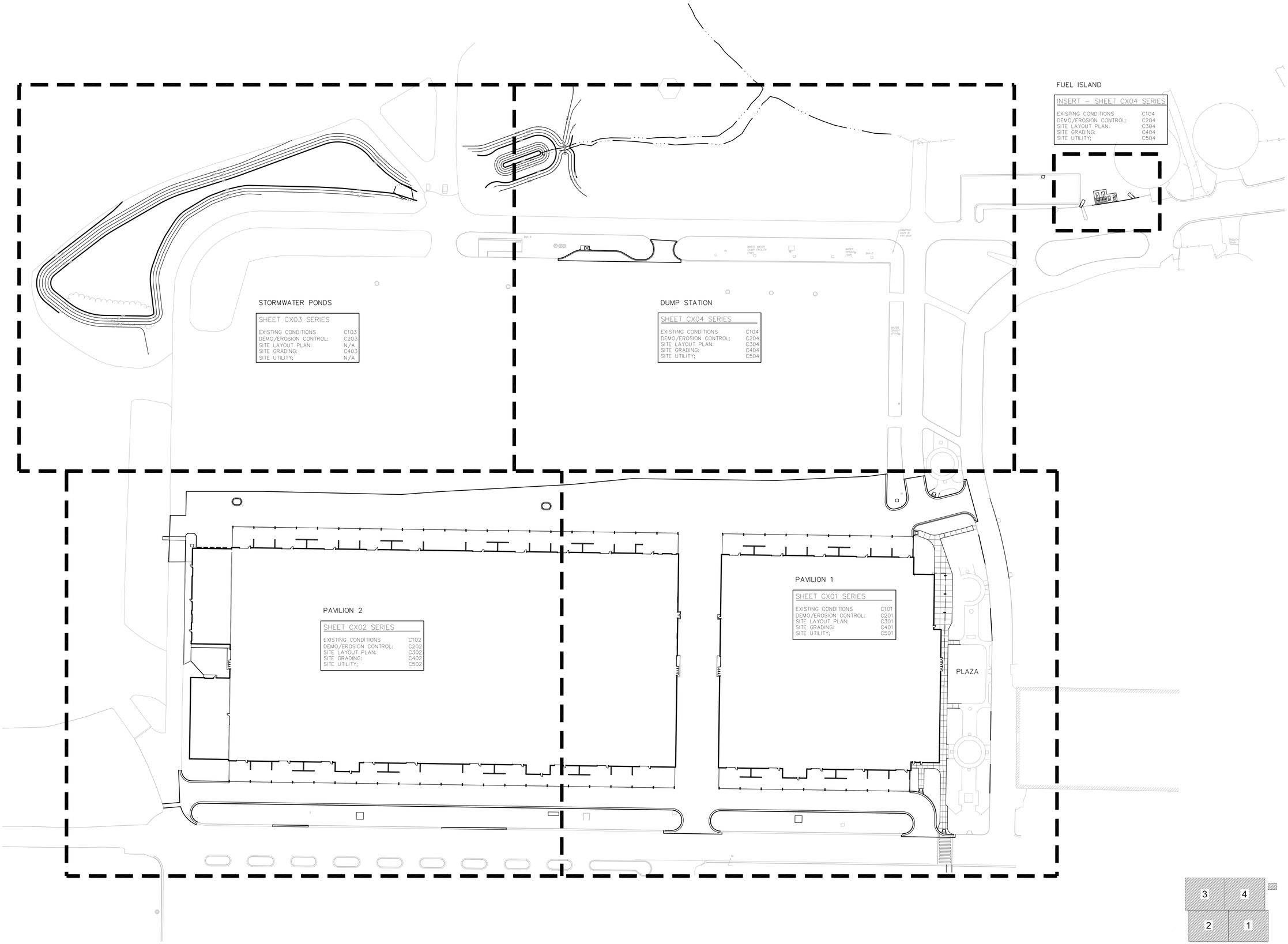
SHEET TITLE

BUILDING 2
LIFE SAFETY &
CODE INFORMATION

SHEET NO.

LS02

JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-LS02.DWG



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FILE NAME	P-SP.DWG
REVISIONS	
DRAWN	KM
CHECKED	JL
DATE	08-01-13
PROJECT NO.	2013027_02

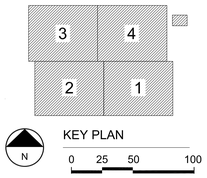
PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

KEY PLAN



SHEET NO.

C000

last SAV: 8/6/13 8:36am by: AARON O'KEEFE
LAYOUT: C000 - P-SP.DWG
AARON O'KEEFE 2013-8-28 3:13 PM P:\2009\2512_ALLIANTEXH\CAD\P-SP.DWG

LEGEND

- CHISELED "X" SET
- COTTON SPINDLE SET
- 1"Ø O.D.x18" IRON PIPE SET (1.68 LBS/LF)
- MAG NAIL SET
- 1¼" x 30" REBAR SET (4.30 LBS/LF)
- ¾" x 24" REBAR SET (1.50 LBS/LF)
- RAILROAD SPIKE SET
- GOVERNMENT CORNER
- WITNESS MONUMENT
- CHISELED "X" FOUND
- COTTON SPINDLE FOUND
- 1" IRON PIPE FOUND
- 2" IRON PIPE FOUND
- IRON PIPE FOUND (SIZE NOTED)
- PK/MAG NAIL FOUND
- 1¼" REBAR FOUND
- ¾" REBAR FOUND
- REBAR FOUND (SIZE NOTED)
- RAILROAD SPIKE FOUND
- CONTROL POINT
- BENCHMARK
- FINISHED FLOOR SHOT LOCATION
- SOIL BORING
- MONITORING WELL
- SIGNAL GAUGE
- BOLLARD
- SATELLITE DISH
- FLAG POLE
- MAIL BOX
- POST
- SIGN
- ROCK
- SILO
- TOWER
- SANITARY MANHOLE
- CLEAN OUT
- VENT PIPE
- WATER MANHOLE
- HYDRANT
- WATER OR GAS VALVE
- CURB STOP/SERVICE VALVE
- SIAMESE CONNECTOR
- WATER VALVE BOX
- SPRINKLER HEAD
- WELL
- STORM MANHOLE
- ROUND CASTED INLET
- SQUARE CASTED INLET
- CURB INLET
- STORM SEWER ACCESS
- ENDWALL/END OF PIPE
- DOWNSPOUT
- GAS REGULATOR/METER
- MANHOLE
- ELECTRIC MANHOLE
- ELECTRIC MANHOLE
- ELECTRIC PEDESTAL
- ELECTRIC METER
- ELECTRIC TRANSFORMER
- AIR CONDITION UNIT
- POWER POLE W/GUY
- LIGHT POLE
- YARD LIGHT
- TRAFFIC SIGNAL
- PULL BOX
- SIGNAL CONTROLLER BOX
- VAULT
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- CABLE MANHOLE
- CABLE PEDESTAL
- DECIDUOUS TREE
- CONIFEROUS TREE
- BUSH
- STUMP
- MARSH
- HANDICAP PARKING
- PLAT BOUNDARY
- CHORD LINE
- CENTERLINE
- RIGHT-OF-WAY LINE
- SETBACK LINE
- SECTION LINE
- PARCEL BOUNDARY
- PROPERTY LINE
- PLATTED LOT LINE
- EASEMENT LINE
- LANDSCAPE LIMITS
- FENCE LINE
- GUARD OR SAFETY RAIL
- STONE WALL
- SHORE LINE
- EDGE OF PAVEMENT
- CONCRETE CURB & GUTTER
- EDGE OF GRAVEL

- SAN — SANITARY SEWER
- W — WATER LINE
- ST — STORM SEWER
- G — NATURAL GAS
- OH — OVERHEAD ELECTRIC
- E — UNDERGROUND ELECTRIC
- FO — FIBER OPTIC
- Ta — OVERHEAD TELEPHONE
- T — UNDERGROUND TELEPHONE
- Cv — OVERHEAD CABLE
- Cu — UNDERGROUND CABLE
- IRR — IRRIGATION LINE
- EDGE OF WOODS OR BRUSH
- BUILDING
- WALL LINE
- 800 — INDEX CONTOUR
- 801 — INTERMEDIATE CONTOUR
- NAVIGABLE STREAM
- EDGE OF WATER
- DITCH LINE
- Wet — DELINEATED WETLANDS
- 852.39 — SPOT ELEVATION
- PHASE LINE
- CONCRETE PAVEMENT
- GRAVEL OR ROCK

- EDGE OF BITUMINOUS
- PAVEMENT STRIPING
- XREF
- PARCEL POLYLINE
- DISCONTINUED MAPPED PIPE LINE
- ( ) RECORDED INFORMATION

EXISTING BENCHMARKS

BENCH MARK	ELEVATION	DESCRIPTION
BM-1	851.54	BRASS CAP SECTION MONUMENT
BM-2	856.51	CUT SQUARE ON TOP OF CURB
BM-3	863.82	TOP NUT ON HYDRANT AT SOUTHEAST CORNER OF BARN-4
BM-4	861.53	TOP NUT ON HYDRANT, NORTHEAST OF BARN-11 AND BARN-6
BM-5	858.33	TOP NUT ON HYDRANT AT NORTHEAST CORNER OF THE NORTH PARKING LOT
BM-6	852.48	CHISELED SQUARE ON TOP OF WEIR

EXISTING STORM SEWER MANHOLES

STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
INL-1	862.00	E	859.15	12"	ROP
STM-1	862.50	E	851.20	12"	ROP
		W	849.68	12"	ROP
STM-2	861.76	E	848.58	24"	ROP
		NE	848.56	18"	ROP

EXISTING SANITARY SEWER MANHOLES

STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
SAN-1	865.33	E	854.93	8"	VCP
		SW	855.53	8"	VCP
SAN-2	861.78	NW	853.16	8"	VCP
		E	850.90	8"	VCP
SAN-3	862.86	W	850.84	8"	VCP
		SE	853.98	8"	VCP
SAN-4	861.95	W	853.53	8"	VCP
		NE	853.63	8"	VCP
SAN-5	861.12	E	854.14	8"	VCP
		S	853.95	8"	VCP
		W	853.25	8"	VCP
		S	854.47	8"	VCP
SAN-6	857.04	NW	854.52	8"	VCP
		E	854.52	8"	VCP
		SW	844.04	8"	VCP
SAN-7	858.31	W	844.08	8"	VCP
		NE	844.78	8"	VCP
		SW	844.85	8"	VCP
SAN-8	856.72	E	854.36	8"	PVC
		N	854.36	8"	PVC
		E	852.67	8"	VCP
		S	848.62	8"	VCP
		S	845.52	8"	VCP
		SW	845.52	8"	VCP
		W	845.62	8"	VCP
SAN-9	858.09	E	850.81	8"	VCP
		S	850.81	8"	VCP
		S	850.87	8"	VCP
		S	850.87	8"	VCP
		SW	851.87	8"	DI
SAN-10	858.04	NW	852.19	8"	DI
		E	852.29	8"	DI
SAN-11	863.44	E	PLUGGED	—	—
		N	855.19	8"	VCP
SAN-12	862.16	N	855.10	8"	VCP
		S	855.06	8"	VCP
SAN-13	860.89	W	850.88	8"	VCP
		E	850.98	8"	VCP
SAN-14	855.87	SW	842.25	8"	VCP
		E	842.45	8"	VCP
		NW	842.27	8"	VCP
SAN-15	853.64	SW	841.36	8"	VCP
		W	850.04	12"	VCP
		SE	846.65	12"	VCP
		E	841.24	12"	VCP
		W	841.24	12"	VCP
SAN-16	853.08	SW	837.56	12"	PVC
		E	838.74	12"	PVC
SAN-17	853.96	NE	837.51	15"	AC
		SW	844.85	8"	DI
		SE	844.86	8"	DI
		NW	844.88	8"	DI
SAN-18	856.14	S	845.50	8"	VCP
		S	845.20	8"	PVC

NOTES

1. FIELD WORK PERFORMED BY JSD PROFESSIONAL SERVICES, INC. APRIL 15, 16 AND 23 AND MAY 15 AND 16, 2013.
2. THIS SURVEY AND MAP ARE BASED ON THE WISCONSIN COUNTY COORDINATE SYSTEM, (WCCS), DANE COUNTY.
3. ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988(1991), (NAVD88). PROJECT BENCH MARK IS A BRASS CAP MONUMENT AT THE SOUTHWEST CORNER OF SECTION 25, T7N, R9E, ELEVATION = 851.54
4. CONTOUR INTERVAL IS ONE FOOT.
5. ELEVATIONS ALONG CURB AND GUTTER ARE TOP BACK OF CURB.
6. THE ACCURACY OF THE BENCHMARKS SHOWN ON THIS MAP SHALL BE VERIFIED BEFORE BEING UTILIZED. JSD PROFESSIONAL SERVICES, INC. DOES NOT WARRANT THE ACCURACY OF THESE BENCHMARKS.
7. SUBSURFACE UTILITIES AND FEATURES SHOWN ON THIS MAP HAVE BEEN APPROXIMATED BY LOCATING SURFICIAL FEATURES AND APPURTENANCES, LOCATING DIGGERS HOTLINE FIELD MARKINGS AND BY REFERENCE TO UTILITY RECORDS AND MAPS PROVIDED BY DANE COUNTY. DIGGER'S HOTLINE TICKET NO. 20131506447, 20131506467 AND 20131821939.
8. BEFORE EXCAVATION, APPROPRIATE UTILITY COMPANIES SHOULD BE CONTACTED. FOR EXACT LOCATION OF UNDERGROUND UTILITIES, CONTACT DIGGERS HOTLINE, AT 1.800.242.8511.
9. SITE LIGHTING WAS NOT MARKED IN THE FIELD AT THE TIME THIS SURVEY WAS COMPLETED AND NO RECORDS WERE PROVIDED.

STRANG

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REVISIONS	
DRAWN	KM
CHECKED	JL
DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

EXISTING CONDITIONS

SHEET NO.

C100

3 4 2 1

0 25 50 100

AARON O'KEEFE 2013-5-28 3:13 PM P:\2500\2512_ALLIANTEXHCADD\P-EX.DWG

MATCHLINE – SEE SHEET C104

MATCHLINE – SEE SHEET C101

MATCHLINE – SEE SHEET C102

MATCHLINE – SEE SHEET C101

FUEL ISLAND

AIR HOSE

BARN–11
BUILDING AREA AT EXTERIOR
FOOTPRINT = 9,381 S.F.

RESTROOMS
BUILDING AREA AT EXTERIOR
FOOTPRINT = 1,958 S.F.

BARN–5
BUILDING AREA AT EXTERIOR
FOOTPRINT = 24,064 S.F.

BARN–4
BUILDING AREA AT EXTERIOR
FOOTPRINT = 28,808 S.F.

WASH RACK

BARN–6
BUILDING AREA AT EXTERIOR
FOOTPRINT = 5,777 S.F.
(OPEN AT EAST AND WEST SIDES)

WASH RACK

BARN–3
BUILDING AREA AT EXTERIOR
FOOTPRINT = 10,752 S.F.

WASH RACK

BARN–2
BUILDING AREA AT EXTERIOR
FOOTPRINT = 21,203 S.F.

ELECTRIC ROOM

BARN–1
BUILDING AREA AT EXTERIOR
FOOTPRINT = 21,187 S.F.

BM–4

BM–3

2" CONDUIT EMPTY

WOOD TIMBER WALL

TURF

WATER VAULT

6" CURB ONLY

AUDIO MH

TURF

42" PCCP

FORCE MAIN MANHOLE

SOUTH PARKING LOT

INL–1

STM–1

SAN–12

SAN–5

SAN–4

SAN–11

SAN–3

SAN–1

SAN–2

SAN–13

0 10 20 40

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

EXISTING CONDITIONS ENLARGEMENT

SHEET NO.

C101

AARON O'KEEFE 2013-5-28 3:13 PM P:\2500\2512_ALLIANTEXHIC\ADP\C-EX.DWG

MATCHLINE – SEE SHEET C103

MATCHLINE – SEE SHEET C102

S–4
BUILDING AREA AT EXTERIOR
FOOTPRINT = 9,700 S.F.

S–3
BUILDING AREA AT EXTERIOR
FOOTPRINT = 3,671 S.F.

CONCRETE RETAINING WALL HT. RANGES 2.0' TO 3.0'

18"ø HIGH RETAINING WALL AND WEIR STRUCTURE

15" RCP

15" CMP
I.E. (W) 852.76
I.E. (E) 852.78

CONCRETE STILLING BASIN

CONCRETE DRAINAGE CHANNEL

TURF

BARN–10
BUILDING AREA AT EXTERIOR
FOOTPRINT = 16,889 S.F.

STACKED BLOCK RETAINING WALL HT. RANGES 12" TO 27"

WASH RACK

CONCRETE SPLASH WALL HT. RANGES 1.5' TO 5.0'

PRACTICE RING
APPROXIMATE AREA
= 23,500 S.F.

TURF
TW=858.3
BW=854.3

LOADING DOCK/WALL
TW=858.4
BW=854.4

SPEAKER POLE

DIRT

BARN–9
BUILDING AREA AT EXTERIOR
FOOTPRINT = 14,852 S.F.

UTILITY BOX

BARN–11
BUILDING AREA AT EXTERIOR
FOOTPRINT = 9,381 S.F.

NORTH END
TW=861.4
BW=857.4
SOUTH END
TW=857.4
BW=856.7

RETAINING WALL

SAN–7
SAN–8
SAN–9
SAN–10

4" PVC
6" PVC
8" PVC
6" DI

AIR HO

SW CORNER,
SEC. 25,
T7N, R9E

BM–1

BM–2

42" PCCP

24"x36" CMP

"x36" CMP
(N) 848.41
(S) 848.82

SOUTH PARKING LOT

SOUTH PARKING LOT

MATCHLINE – SEE SHEET C102

MATCHLINE – SEE SHEET C101

BUILDIN
FOOTP

0 10 20 40

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DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

EXISTING CONDITIONS ENLARGEMENT

SHEET NO.

C102

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CULVERTS				
CULVERT ID	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
A	NW	850.84	18"	CMP
	SE	850.84	18"	CMP
B	NW	850.63	18"	CMP
	SE	850.16	18"	CMP
C	NW	*	6"	HDPE
	SE	850.02	6"	HDPE
D–NORTH	W	851.40	18"	CMP
	E	851.54	18"	CMP
E–CENTER	W	849.86	18"	CMP
	E	849.74	18"	CMP
F–SOUTH	W	851.66	18"	CMP
	E	851.53	18"	CMP
G	S	851.28	24"	RCP
	N	850.81	24"	RCP
H	S	850.62	24"	RCP
	N	850.41	24"	RCP

* = UNABLE TO LOCATE NW END OF PIPE

GATE

CULVERT C

CULVERT B

CULVERT'S D–F

TICKET BOOTH

CULVERT G

CULVERT H

ASPHALT DRIVE

TW=852.35
BW=850.71

BM–6

WIER

TW=852.4
BW=850.

TW=851.78
BW=850.81

6" CONCRETE CURB ISLANDS (TYP.)

15" CMP
I.E. (W) 852.76
I.E. (E) 852.78

15" CMP
I.E. (W) 852.76
I.E. (E) 852.78

MATCHLINE – SEE SHEET C103

MATCHLINE – SEE SHEET C104

MATCHLINE – SEE SHEET C103

MATCHLINE – SEE SHEET C102

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SHEET TITLE

EXISTING CONDITIONS ENLARGEMENT

SHEET NO.

C103

3 4 2 1

0 10 20 40

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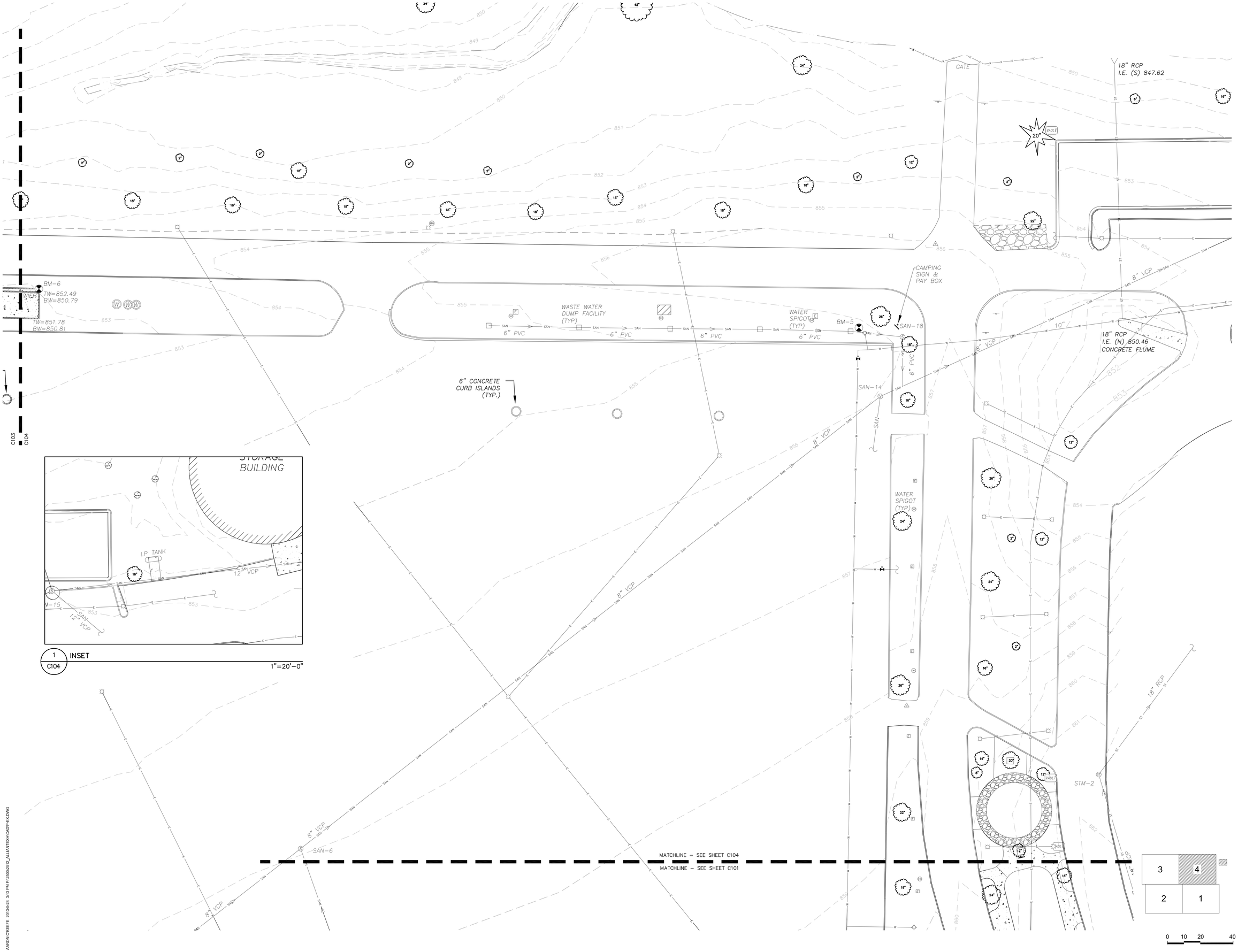

1 C104 INSET

1"=20'-0"

0 10 20 40

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MADISON, WI 53713

SHEET TITLE

EXISTING CONDITIONS ENLARGEMENT

SHEET NO.

C104

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LEGEND:
ABANDON OR REMOVE UTILITY -x-x-x-x-x-x-x-x-x-x-
REMOVE CURB
TREE PROTECTION
TREE REMOVAL
PROPOSED SILT FENCE/SILT SOCK
PROPOSED DITCH CHECK

SEE C205 FOR NOTES

WILLOW POND

INSET – SEE SHEET 1/C204

MATCHLINE – SEE SHEET C203
MATCHLINE – SEE SHEET C204

1/C900 PROPOSED SILT SOCK TO BE PLACED AT EXTREMITY OF DISTURBANCE AND ADJUSTED AS NECESSARY FOR CONSTRUCTION ACTIVITIES.

MAINTAIN ACCESS ALONG THIS ROAD DURING CONSTRUCTION

DEMOLITION LIMIT LINE

ABANDON SANITARY FROM MANHOLE 6 SOUTH INCLUDING BUILDING SEWER

PAVEMENT DEMOLITION LIMIT LINE

MATCHLINE – SEE SHEET C203
MATCHLINE – SEE SHEET C202
MATCHLINE – SEE SHEET C204
MATCHLINE – SEE SHEET C201

SILT SOCK

MAINTAIN ACCESS ALONG THIS ROAD DURING CONSTRUCTION

EXISTING BUILDING TO BE REMOVED
REMOVE ASPHALT SURFACE
REMOVE GRAVEL SURFACE
REMOVE ASPHALT SURFACE
MAINTAIN WATER UTILITY
MAINTAIN ELECTRICAL UTILITY
MAINTAIN WATER UTILITY – ABANDON WATER SERVICES
MAINTAIN GAS UTILITY
MAINTAIN FIBER OPTIC LINE
WASH RACK
FUEL ISLAND
2" CONDUIT – EMPTY

EXISTING PARKING LOT MAY BE USED FOR STAGING/STOCKPILES. PROVIDE EROSION CONTROL AS NEEDED OR REQUESTED BY THE ENGINEER/COUNTY. DAMAGE TO EXISTING TO BE REPLACED IN KIND.

EXISTING DRAINAGE SWALE TO BE CLEANED OF DEBRIS & SEDIMENT AND RESTORED WITH SEED, FERTILIZER & CLASS 2, TYPE B EROSION MAT (COMPLETED BY OTHERS PRIOR TO CONSTRUCTION)

STONE DITCH CHECK (TYP) 8/C900

FORMER BRAM STREET

PAVEMENT DEMOLITION LIMIT LINE

PROPOSED SILT SOCK (TYP)

ALL STRUCTURES WITHIN ISLANDS TO BE REMOVED OR ABANDONED. TELEPHONE AND ELECTRICAL TO BE REMOVED/RELOCATED BY RESPECTIVE UTILITIES. PROTECT EXISTING TREES.

ALL STRUCTURES WITHIN ISLANDS TO BE REMOVED OR ABANDONED. TELEPHONE AND ELECTRICAL TO BE REMOVED/RELOCATED BY RESPECTIVE UTILITIES. PROTECT EXISTING TREES.

NOTE:
1. REMOVE ALL PAVEMENT WITHIN PAVEMENT DEMOLITION LINE AS NECESSARY TO PERFORM WORK SHOWN IN LAYOUT AND GRADING PLANS.
2. SAWCUT EDGE OF ALL PAVEMENT TO BE REMOVED ADJACENT TO PAVEMENT TO REMAIN UNLESS REMOVED AT EXPANSION JOINT.
3. SEE SHEET C205 FOR BUILDING DEMOLITION NOTES.
4. DEMOLITION OF SITE ELEMENTS INCLUDES REMOVAL OF ENTIRE FOOTING AND FOUNDATIONS UNLESS NOTED.
5. SEE C205 FOR SITE DEMOLITION NOTES.
6. SEE C205 FOR EROSION CONTROL NOTES.

0 20 40 80

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1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

DEMOLITION AND EROSION CONTROL PLAN

SHEET NO.

C200

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MATCHLINE – SEE SHEET C204

MATCHLINE – SEE SHEET C201

MATCHLINE – SEE SHEET C202

MATCHLINE – SEE SHEET C201

REMOVE LIGHT AND BASE – SEE E002

COUNTY TO REMOVE TANKS AND EQUIPMENT FOR RELOCATION TO PROPOSED FUEL ISLAND

REMOVE FUEL ISLAND STRUCTURES AND CONCRETE PAVEMENT

REMOVE TREE AND CURB

FUEL ISLAND

AIR HOSE

BARN–11
BUILDING AREA AT EXTERIOR
FOOTPRINT = 4,381 S.F.

RESTROOMS
BUILDING AREA AT EXTERIOR
FOOTPRINT = 1,958 S.F.

BARN–5
BUILDING AREA AT EXTERIOR
FOOTPRINT = 24,064 S.F.

REMOVE LIGHT AND BASE – SEE E002

PROTECT AND MAINTAIN EXISTING 10" WATER

REMOVE LATERAL TO MAIN AND CAP

REMOVE TREE

REMOVE HYDRANT

REMOVE CONCRETE CURB

REMOVE WASH RACK AND CONCRETE PAVEMENT

WASH RACK

BARN–6
BUILDING AREA AT EXTERIOR
FOOTPRINT = 5,777 S.F.
(OPEN AT EAST AND WEST SIDES)

SEE SHEET C200 FOR ADDITIONAL PAVEMENT REMOVAL

REMOVE WASH RACK AND CONCRETE PAVEMENT

WASH RACK

REMOVE WASH RACK AND CONCRETE PAVEMENT

WASH RACK

BARN–2
BUILDING AREA AT EXTERIOR
FOOTPRINT = 21,403 S.F.

BARN–1
BUILDING AREA AT EXTERIOR
FOOTPRINT = 21,187 S.F.

ELECTRIC ROOM

PROTECT AND MAINTAIN EXISTING GAS

PROTECT AND MAINTAIN EXISTING 10" WATER

2" CONDUIT EMPTY

NOTE:
1. REMOVE ALL PAVEMENT WITHIN DEMOLITION LINE AS NECESSARY TO PERFORM WORK SHOWN IN LAYOUT AND GRADING PLANS.
2. SAWCUT EDGE OF ALL PAVEMENT TO BE REMOVED ADJACENT TO PAVEMENT TO REMAIN UNLESS REMOVED AT EXPANSION JOINT.
3. SEE SHEET C205 FOR BUILDING DEMOLITION NOTES.
4. DEMOLITION OF SITE ELEMENTS INCLUDES REMOVAL OF ENTIRE FOOTING AND FOUNDATIONS UNLESS NOTED.
5. SEE C205 FOR SITE DEMOLITION NOTES.
6. SEE C205 FOR EROSION CONTROL NOTES.

REMOVE TIMBER WALL

ABANDON WATER VAULT

TIMBER WALL

5 C900 TREE PROTECTION, TYP.

SAWCUT, TYP.

REMOVE CONCRETE CURB

SEE SHEET C200 FOR ADDITIONAL PAVEMENT REMOVAL

5 C900 TREE PROTECTION, TYP.

5 C900 TREE PROTECTION, TYP.

REMOVE TREE

TREE PROTECTION

RELOCATE EXISTING HYDRANT

REMOVE CONCRETE CURB

RELOCATE EXISTING ELECTRICAL SERVICES AND REMOVE BUILDING – SEE ELECTRICAL PLAN FOR DETAILS

REMOVE TREE

REMOVE TREE

REMOVE GRAVEL

REMOVE TREE

SAWCUT AND REMOVE CONCRETE PAVEMENT

REMOVE LAWN

REMOVE CONCRETE CURB

REMOVE TREE

5 C900 TREE PROTECTION

REMOVE CONCRETE RAMP

REMOVE CURB, SAWCUT AND REMOVE ASPHALT PAVEMENT

REMOVE TREE

5 C900 TREE PROTECTION

7 C900 TYPE D INLET PROTECTION

REMOVE CONCRETE RAMP

REMOVE TREE

SAWCUT CONCRETE PAVEMENT

REMOVE TREE

5 C900 TREE PROTECTION

REMOVE CURB, SAWCUT AND REMOVE ASPHALT PAVEMENT

REMOVE TREE

REMOVE CURB AND ASPHALT PAVEMENT

PROTECT EXISTING LIGHTS TO REMAIN

5 C900 TREE PROTECTION

REMOVE TREE

SAWCUT CONCRETE PAVEMENT

REMOVE CONCRETE PAVEMENT

PROTECT AND MAINTAIN EXISTING ELECTRICAL AND FIBER OPTIC LINES

SAWCUT CONCRETE PAVEMENT

REMOVE TREE

REMOVE TREE

5 C900 TREE PROTECTION

OPTION: REMOVE CURB AND ASPHALT PAVEMENT

REMOVE CURB AND ASPHALT PAVEMENT

REMOVE TREE

SAWCUT, TYP.

REMOVE TREE AND PATCH CONCRETE

REMOVE CURB AND ASPHALT PAVEMENT

REMOVE CURB AND ASPHALT PAVEMENT

ABANDON ALL SANITARY SEWER MAIN AND SERVICES FROM MANHOLE

PROTECT LIGHTS TO REMAIN, TYP.

5 C900 TREE PROTECTION

ABANDON SEWER MAIN

REMOVE TREE

PROTECT FLAGPOLES TO REMAIN

LEGEND:
- ABANDON OR REMOVE UTILITY
- REMOVE CURB
- TREE PROTECTION
- TREE REMOVAL
- PROPOSED SILT FENCE/SILT SOCK
- PROPOSED DITCH CHECK
- REMOVAL
- PROTECT LIGHT TO REMAIN

3 4 2 1

0 20 40 80

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

DEMOLITION AND EROSION CONTROL PLAN

SHEET NO.

C201

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MATCHLINE – SEE SHEET C203

MATCHLINE – SEE SHEET C202

STONE DITCH CHECK (8/C900)

SEDIMENT SOCK (1/C900)

SAWCUT

REMOVE CONCRETE RETAINING WALL

CONCRETE RETAINING WALL HT. RANGES 2.0' TO 3.0'

STONE DITCH CHECK (8/C900)

S-4
BUILDING AREA AT EXTERIOR FOOTPRINT = 9,700 S.F.

S-3
BUILDING AREA AT EXTERIOR FOOTPRINT = 3,671 S.F.

REMOVE GRAVEL SURFACE

REMOVE CONCRETE RETAINING WALL, WEIR AND CONCRETE BASIN

SALVAGE CONCRETE ENDWALL AND REUSE AS CAPPED STRUCTURE

CONCRETE STILLING BASIN

STONE DITCH CHECK (8/C900)

REMOVE TREE

REMOVE CONCRETE DRAINAGE CHANNEL

CONCRETE DRAINAGE CHANNEL

REMOVE TREE

SALVAGE EXISTING HORSE CORRAL FENCING (BY OTHERS)

REMOVE TREE

PRACTICE RING
APPROXIMATE AREA = 23,500 S.F.

REMOVE TREE

REMOVE CONCRETE DRAINAGE CHANNEL

REMOVE ARENA SURFACE

DIRT

MAINTAIN ACCESS DURING CONSTRUCTION

RELOCATE LIGHT POLE

SAWCUT (PAVEMENT DEMOLITION LINE)

5/C900 TREE PROTECTION, TYP.

SEE SHEET C200 FOR ADDITIONAL PAVEMENT REMOVAL

SEDIMENT SOCK (1/C900)

SAWCUT

REMOVE LIGHT FIXTURE AND BASE – SEE E002

REMOVE CURB

REMOVE CURB

SEE SHEET C200 FOR ADDITIONAL PAVEMENT REMOVAL

REMOVE CURB

REMOVE CURB

BARN-10
BUILDING AREA AT EXTERIOR FOOTPRINT = 16,889 S.F.

REMOVE CONCRETE PAVEMENT

REMOVE STACKED BLOCK RETAINING WALL

STACKED BLOCK RETAINING WALL HT. RANGES 12" TO 27"

WASH RACK

CONCRETE SPLASH WALL HT. RANGES 1.5' TO 5.0'

REMOVE CONCRETE DRAINAGE CHANNEL

REMOVE SPLASH WALL AND CONCRETE PAVEMENT

BARN-9
BUILDING AREA AT EXTERIOR FOOTPRINT = 14,852 S.F.

NORTH END TW=861.4 BW=857.4
SOUTH END TW=857.4 BW=856.7

REMOVE RETAINING WALL

5/C900 TREE PROTECTION, TYP.

SAWCUT, TYP.

MATCHLINE – SEE SHEET C202

MATCHLINE – SEE SHEET C201

NOTE:
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2. SAWCUT EDGE OF ALL PAVEMENT TO BE REMOVED ADJACENT TO PAVEMENT TO REMAIN UNLESS REMOVED AT EXPANSION JOINT.
3. SEE SHEET C205 FOR BUILDING DEMOLITION NOTES.
4. DEMOLITION OF SITE ELEMENTS INCLUDES REMOVAL OF ENTIRE FOOTING AND FOUNDATIONS UNLESS NOTED.
5. SEE C205 FOR SITE DEMOLITION NOTES.
6. SEE C205 FOR EROSION CONTROL NOTES.

LEGEND:

ABANDON OR REMOVE UTILITY

REMOVE CURB

TREE PROTECTION

TREE REMOVAL

PROPOSED SILT FENCE/ SILT SOCK

PROPOSED DITCH CHECK

SAWCUT/PAVEMENT REMOVAL

3 | 4
2 | 1

0 10 20 40

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BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

SITE DEMOLITION & EROSION CONTROL PLAN

SHEET NO.

C202

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LEGEND:

ABANDON OR REMOVE UTILITY -x-x-x-x-x-x-x-x-x-x-x-

REMOVE CURB

TREE PROTECTION

TREE REMOVAL

PROPOSED SILT FENCE/SILT SOCK

PROPOSED DITCH CHECK

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5. SEE C205 FOR SITE DEMOLITION NOTES.
6. SEE C205 FOR EROSION CONTROL NOTES.

CONTRACTOR TO USE SILT SOCK IN BOTTOM OF BASIN TO CONTAIN IMMEDIATE AREA OF WORK. SILT SOCK SHALL BE MOVED IN RELATION TO PROGRESSION OF DREDGING

SEDIMENT SOCK 1 C900

REMOVE EXISTING TREES & BRUSH

EXISTING TREES TO BE REMOVED

EXISTING ASPHALT

SEDIMENT SOCK 1 C900

STONE DITCH CHECK 8 C900

5 C900 TREE PROTECTION, TYP.

EXISTING ASPHALT

EXISTING ASPHALT

TOPSOIL STOCKPILE AREA

4 C900 SILT FENCE

TREE PROTECTION 5 C900

STONE DITCH CHECK 8 C900

STONE DITCH CHECK 8 C900

TREE PROTECTION 5 C900

TRACKING PAD 3 C900

PROTECT MONITORING WELLS

TW=852.35
BW=850.71

TW=852.49
BW=850.79

TW=851.78
BW=850.81

SAWCUT, TYP.

SEDIMENT SOCK 1 C900

MATCHLINE – SEE SHEET C203

MATCHLINE – SEE SHEET C204

SEDIMENT SOCK 1 C900

MATCHLINE – SEE SHEET C203

MATCHLINE – SEE SHEET C202

S-4
BUILDING AREA AT EXTERIOR FOOTPRINT = 9,700 S.F.

3 4 2 1

0 10 20 40

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BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

SITE DEMOLITION & EROSION CONTROL PLAN

SHEET NO.

C203

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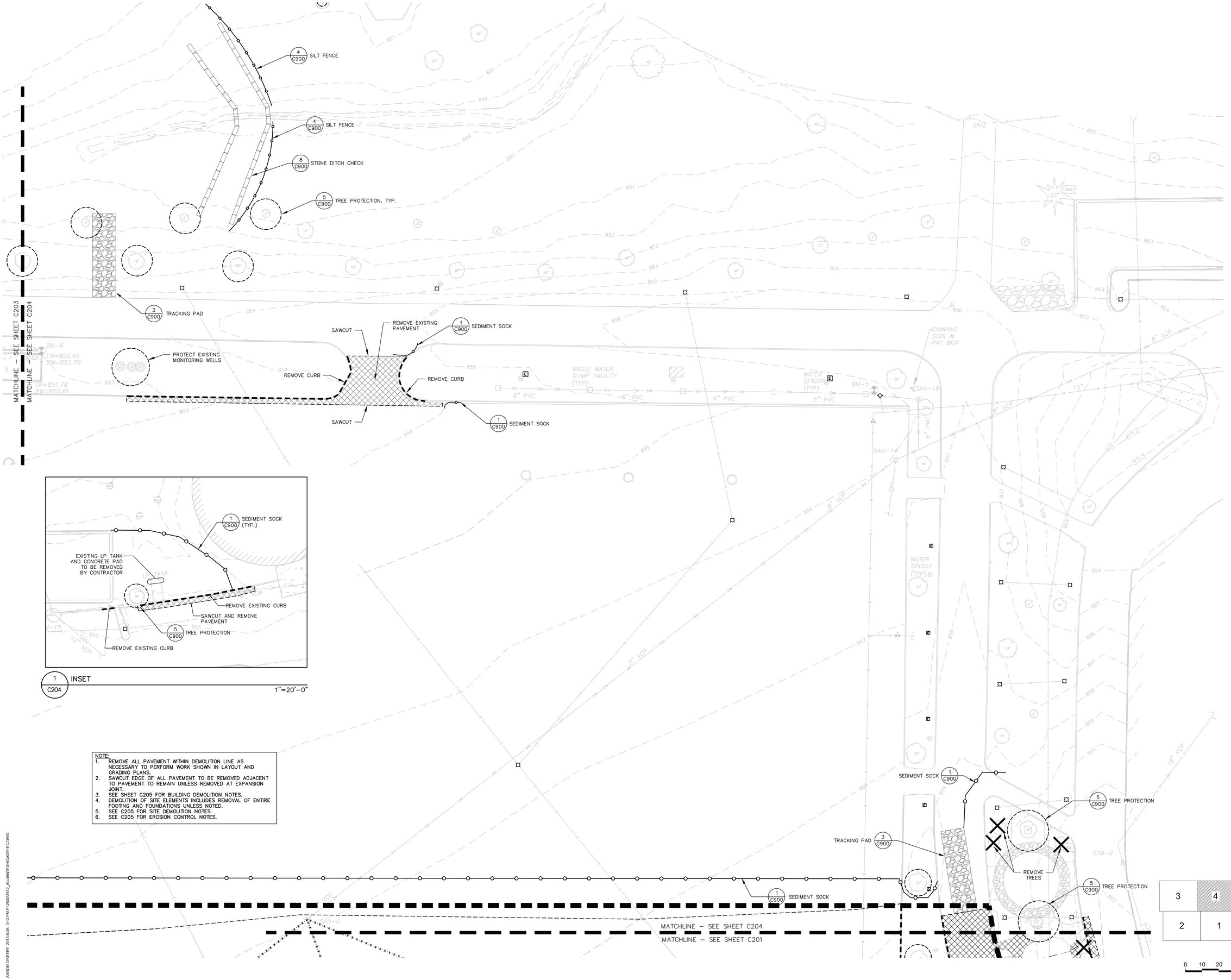

1 C204 INSET

1"=20'–0"

NOTE:
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2. SAWCUT EDGE OF ALL PAVEMENT TO BE REMOVED ADJACENT TO PAVEMENT TO REMAIN UNLESS REMOVED AT EXPANSION JOINT.
3. SEE SHEET C205 FOR BUILDING DEMOLITION NOTES.
4. DEMOLITION OF SITE ELEMENTS INCLUDES REMOVAL OF ENTIRE FOOTING AND FOUNDATIONS UNLESS NOTED.
5. SEE C205 FOR SITE DEMOLITION NOTES.
6. SEE C205 FOR EROSION CONTROL NOTES.

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BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

SITE DEMOLITION & EROSION CONTROL PLAN

SHEET NO.

C204

3 | 4
2 | 1

0 10 20 40

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ALLIANT ENERGY CENTER – SCOPE OF BARN DEMOLITION

GENERAL NOTES:
1. REFER TO SPECIFICATIONS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
2. THE TOTAL NUMBER OF FLUORESCENT LIGHT FIXTURES TO BE SALVAGED FROM ALL BUILDINGS AS NOTED BELOW IS APPROXIMATELY 200 FIXTURES.

BARN 1
DEMOLISH BUILDING SUPERSTRUCTURE WHICH IS A PRE–ENGINEERED METAL BUILDING CONSISTING OF:
- TRUSS RIGID FRAME CLEAR SPAN PRIMARY STRUCTURE
- STEEL PURLINS AND GIRTS SECONDARY STRUCTURE
- EAVE HEIGHT APPROXIMATELY 13 FEET
- METAL ROOF AND WALL PANELS, INCLUDING DOORS AND WINDOWS
- MASONRY EXTERIOR PERIMETER WALLS TO AN APPROXIMATE HEIGHT OF 8 FEET ABOVE FLOOR LEVEL (EAST AND NORTH WALLS ONLY)

DEMOLISH METAL CANOPY ON THE EAST END OF THE BUILDING AND THE MASONRY WALLS BETWEEN BARNS 1 AND 2
DEMOLISH CONCRETE SLAB–ON–GRADE
DEMOLISH CONCRETE FOOTINGS AND FOUNDATION WALLS AT PERIMETER OF BUILDING
DEMOLISH OVERHEAD DOMESTIC WATER SUPPLY PIPING THROUGHOUT THE BUILDING
DEMOLISH LARGE ROOF–MOUNTED EXHAUST FANS AND ROOF CURBS
SALVAGE ALL EXISTING SUSPENDED FLUORESCENT LIGHT FIXTURES AND LAMPS, AND SAVE FOR RE–USE IN CONSTRUCTION OF THE NEW WORK. DEMOLISH ALL OTHER COMPONENTS OF THE EXISTING ELECTRICAL SYSTEM

BARN 2
DEMOLISH BUILDING SUPERSTRUCTURE WHICH IS A PRE–ENGINEERED METAL BUILDING CONSISTING OF:
- TRUSS RIGID FRAME CLEAR SPAN PRIMARY STRUCTURE
- STEEL PURLINS AND GIRTS SECONDARY STRUCTURE
- EAVE HEIGHT APPROXIMATELY 13 FEET.
- WOOD PLANK EXTERIOR WALL TO AN APPROXIMATE HEIGHT OF 3–FEET ABOVE FLOOR LINE
- METAL WALL PANELS (ABOVE WOOD) AND ROOF PANELS, INCLUDING DOORS AND WINDOWS
- MASONRY EXTERIOR PERIMETER WALLS TO AN APPROXIMATE HEIGHT OF 8 FEET (EAST SIDE ONLY)

DEMOLISH METAL CANOPY ON THE EAST END OF THE BUILDING AND THE MASONRY WALLS BETWEEN BARNS 2 AND 3
DEMOLISH CONCRETE SLAB–ON–GRADE
DEMOLISH CONCRETE FOOTINGS AND FOUNDATION WALLS AT PERIMETER OF BUILDING
DEMOLISH OVERHEAD DOMESTIC WATER SUPPLY PIPING THROUGHOUT THE BUILDING
DEMOLISH LARGE ROOF–MOUNTED EXHAUST FANS AND ROOF CURBS
DEMOLISH THE EXISTING INTERIOR BUILD–OUT THAT OCCURS IN APPROXIMATELY 50% OF THE BUILDING AREA (TOILET ROOMS AND FORMER MILKING PARLOR) AS FOLLOWS:
- DEMOLISH ALL INTERIOR MASONRY PARTITIONS, DOORS, CEILINGS, AND OTHER FINISHES
- REMOVE AND SALVAGE TWO HOT WATER HEATERS, AND SAVE FOR RE–USE IN CONSTRUCTION OF THE NEW WORK. DEMOLISH THE REMAINDER OF THE PLUMBING SYSTEM
- DISCONNECT AND DEMOLISH THE NATURAL GAS PIPING AND THE HEATING AND VENTILATION SYSTEM
- MILKING EQUIPMENT WILL BE REMOVED BY OTHERS. ALL OTHER MATERIALS AND EQUIPMENT TO BE DEMOLISHED BY CONTRACTOR.
- REMOVE AND SALVAGE TWO 30 MBH MODINE GAS FIRED UNIT HEATERS LOCATED WITHIN THE EXISTING MILK HOUSE AND MECHANICAL ROOM AND SAVE FOR RE–USE IN CONSTRUCTION OF THE NEW WORK.

SALVAGE ALL EXISTING SUSPENDED FLUORESCENT LIGHT FIXTURES AND LAMPS, AND SAVE FOR RE–USE IN CONSTRUCTION OF THE NEW WORK. DEMOLISH ALL OTHER COMPONENTS OF THE EXISTING ELECTRICAL SYSTEM

WASH RACK EAST
DEMOLISH THE WOOD CANOPY STRUCTURE
DEMOLISH THE PLUMBING SYSTEM.
DEMOLISH CONCRETE SLAB–ON–GRADE
DEMOLISH CONCRETE FOOTINGS AND FOUNDATION WALLS AT PERIMETER OF BUILDING

BARN 3
DEMOLISH BUILDING SUPERSTRUCTURE WHICH IS A PRE–ENGINEERED METAL BUILDING CONSISTING OF:
- TRUSS RIGID FRAME CLEAR SPAN PRIMARY STRUCTURE
- STEEL PURLINS AND GIRTS SECONDARY STRUCTURE
- EAVE HEIGHT APPROXIMATELY 13 FEET.
- WOOD PLANK EXTERIOR WALL TO AN APPROXIMATE HEIGHT OF 3–FEET ABOVE FLOOR LINE
- METAL WALL PANELS (ABOVE WOOD) AND ROOF PANELS, INCLUDING DOORS AND WINDOWS
- MASONRY EXTERIOR PERIMETER WALLS TO AN APPROXIMATE HEIGHT OF 8 FEET (EAST WALL ONLY)

DEMOLISH CONCRETE SLAB–ON–GRADE
DEMOLISH CONCRETE FOOTINGS AND FOUNDATION WALLS AT PERIMETER OF BUILDING
DEMOLISH DOMESTIC WATER SUPPLY PIPING THROUGHOUT THE BUILDING
DEMOLISH LARGE ROOF–MOUNTED EXHAUST FANS AND ROOF CURBS
SALVAGE ALL EXISTING SUSPENDED FLUORESCENT LIGHT FIXTURES AND LAMPS, AND SAVE FOR RE–USE IN CONSTRUCTION OF THE NEW WORK. DEMOLISH ALL OTHER COMPONENTS OF THE EXISTING ELECTRICAL SYSTEM

BARN 4
DEMOLISH BUILDING SUPERSTRUCTURE WHICH IS A WOOD POLE BUILDING CONSISTING OF:
- WOOD COLUMNS AND WOOD TRUSS PRIMARY STRUCTURE
- WOOD PURLINS AND GIRTS SECONDARY STRUCTURE
- EAVE HEIGHT APPROXIMATELY 12 FEET.
- WOOD PLANK EXTERIOR WALL TO AN APPROXIMATE HEIGHT OF 3–FEET ABOVE FLOOR LINE
- METAL WALL PANELS (ABOVE WOOD) AND ROOF PANELS, INCLUDING DOORS AND WINDOWS

DEMOLISH THE CANOPY AT THE WEST END OF THE BUILDING.
DEMOLISH 12–INCH THICK REINFORCED CONCRETE BLOCK FIRE WALL THAT BISECTS THE BUILDING AT APPROXIMATELY MID–LENGTH
DEMOLISH CONCRETE SLAB–ON–GRADE AND PERIMETER CONCRETE GRADE BEAM
DEMOLISH THE EXTERIOR CONCRETE DIVIDER WALLS AND CANOPY ROOF AT THE WEST END OF THE BUILDING
DEMOLISH OVERHEAD DOMESTIC WATER SUPPLY PIPING THROUGHOUT THE BUILDING
DEMOLISH LARGE ROOF–MOUNTED EXHAUST FANS AND ROOF CURBS
SALVAGE ALL EXISTING SUSPENDED FLUORESCENT LIGHT FIXTURES AND LAMPS, AND SAVE FOR RE–USE IN CONSTRUCTION OF THE NEW WORK. DEMOLISH ALL OTHER COMPONENTS OF THE EXISTING ELECTRICAL SYSTEM

BARN 5
DEMOLISH BUILDING SUPERSTRUCTURE WHICH IS A PRE–ENGINEERED METAL BUILDING CONSISTING OF:
- STEEL COLUMNS AND CLEAR–SPAN STEEL ROOF TRUSSES PRIMARY STRUCTURE
- STEEL PURLINS AND GIRTS SECONDARY STRUCTURE
- EAVE HEIGHT APPROXIMATELY 12 FEET.
- WOOD PLANK EXTERIOR WALL TO AN APPROXIMATE HEIGHT OF 3–FEET ABOVE FLOOR LINE
- METAL WALL PANELS (ABOVE WOOD) AND ROOF PANELS, INCLUDING DOORS AND WINDOWS

DEMOLISH CONCRETE SLAB–ON–GRADE
DEMOLISH CONCRETE FOOTINGS AND FOUNDATIONS AT PERIMETER OF BUILDING
DEMOLISH CONCRETE CURB AT PERIMETER OF BUILDING
DEMOLISH DOMESTIC WATER SUPPLY PIPING THROUGHOUT THE BUILDING
DEMOLISH LARGE ROOF–MOUNTED EXHAUST FANS AND ROOF CURBS
SALVAGE ALL EXISTING SUSPENDED FLUORESCENT LIGHT FIXTURES AND LAMPS, AND SAVE FOR RE–USE IN CONSTRUCTION OF THE NEW WORK. DEMOLISH ALL OTHER COMPONENTS OF THE EXISTING ELECTRICAL SYSTEM

BARN 6
DEMOLISH BUILDING SUPERSTRUCTURE WHICH IS A PRE–ENGINEERED METAL BUILDING CONSISTING OF:
- TRUSS RIGID FRAME CLEAR SPAN PRIMARY STRUCTURE
- WOOD PURLINS AND GIRTS SECONDARY STRUCTURE
- EAVE HEIGHT APPROXIMATELY 12 FEET.
- WOOD SIDING AND WOOD LINER ON SIDE WALLS. END WALLS ARE OPEN.
- METAL ROOF PANELS

DEMOLISH DIRT FLOOR
DEMOLISH CONCRETE FOOTINGS AND FOUNDATION WALLS AT PERIMETER OF BUILDING
DEMOLISH DOMESTIC WATER SUPPLY PIPING THROUGHOUT THE BUILDING
SALVAGE ALL EXISTING SUSPENDED FLUORESCENT LIGHT FIXTURES AND LAMPS, AND SAVE FOR RE–USE IN CONSTRUCTION OF THE NEW WORK. DEMOLISH ALL OTHER COMPONENTS OF THE EXISTING ELECTRICAL SYSTEM

BARN 9
DEMOLISH BUILDING SUPERSTRUCTURE WHICH IS A PRE–ENGINEERED METAL BUILDING CONSISTING OF:
- TRUSS RIGID FRAME CLEAR SPAN PRIMARY STRUCTURE
- STEEL PURLINS AND GIRTS SECONDARY STRUCTURE
- EAVE HEIGHT APPROXIMATELY 13 FEET.
- WOOD PLANK EXTERIOR WALL TO AN APPROXIMATE HEIGHT OF 3–FEET ABOVE FLOOR LINE
- METAL WALL PANELS (ABOVE WOOD) AND ROOF PANELS, INCLUDING DOORS AND WINDOWS

DEMOLISH CONCRETE SLAB–ON–GRADE
DEMOLISH CONCRETE FOOTINGS AND FOUNDATION WALLS AT PERIMETER OF BUILDING
DEMOLISH OVERHEAD DOMESTIC WATER SUPPLY PIPING THROUGHOUT THE BUILDING
DEMOLISH LARGE ROOF–MOUNTED EXHAUST FANS AND ROOF CURBS
SALVAGE ALL EXISTING SUSPENDED FLUORESCENT LIGHT FIXTURES AND LAMPS, AND SAVE FOR RE–USE IN CONSTRUCTION OF THE NEW WORK. DEMOLISH ALL OTHER COMPONENTS OF THE EXISTING ELECTRICAL SYSTEM

BARN 10
DEMOLISH BUILDING SUPERSTRUCTURE WHICH IS A PRE–ENGINEERED METAL BUILDING CONSISTING OF:
- SOLID WEB RIGID FRAME CLEAR SPAN PRIMARY STRUCTURE
- STEEL PURLINS AND GIRTS SECONDARY STRUCTURE
- EAVE HEIGHT APPROXIMATELY 14 FEET.
- WOOD PLANK EXTERIOR WALL TO AN APPROXIMATE HEIGHT OF 3–FEET ABOVE FLOOR LINE
- METAL WALL PANELS (ABOVE WOOD) AND ROOF PANELS, INCLUDING DOORS AND WINDOWS

DEMOLISH CONCRETE SLAB–ON–GRADE
DEMOLISH CONCRETE FOOTINGS AND FOUNDATION WALLS AT PERIMETER OF BUILDING
DEMOLISH DOMESTIC OVERHEAD WATER SUPPLY PIPING THROUGHOUT THE BUILDING
DEMOLISH LARGE ROOF–MOUNTED EXHAUST FANS AND ROOF CURBS
SALVAGE ALL EXISTING SUSPENDED FLUORESCENT LIGHT FIXTURES AND LAMPS, AND SAVE FOR RE–USE IN CONSTRUCTION OF THE NEW WORK. DEMOLISH ALL OTHER COMPONENTS OF THE EXISTING ELECTRICAL SYSTEM

WASH RACK WEST
DEMOLISH THE WOOD CANOPY STRUCTURE
DISCONNECT AND DEMOLISH THE PLUMBING SYSTEM.
DEMOLISH CONCRETE SLAB–ON–GRADE
DEMOLISH CONCRETE FOOTINGS AND FOUNDATION WALLS AT PERIMETER OF BUILDING

BARN 11
DEMOLISH BUILDING SUPERSTRUCTURE WHICH IS A PRE–ENGINEERED METAL BUILDING CONSISTING OF:
- SOLID WEB RIGID FRAME CLEAR SPAN PRIMARY STRUCTURE
- STEEL PURLINS AND GIRTS SECONDARY STRUCTURE
- EAVE HEIGHT APPROXIMATELY 14 FEET.
- WOOD PLANK EXTERIOR WALL TO AN APPROXIMATE HEIGHT OF 3–FEET ABOVE FLOOR LINE
- METAL WALL PANELS (ABOVE WOOD) AND ROOF PANELS, INCLUDING DOORS AND WINDOWS

DEMOLISH THE EXISTING INTERIOR BUILD–OUT THAT OCCURS IN APPROXIMATELY 50% OF THE BUILDING AREA (MAINTENANCE SHOP) AS FOLLOWS:
- DEMOLISH ALL INTERIOR METAL PARTITIONS, DOORS, CEILINGS, AND OTHER FINISHES
- DEMOLISH AND SALVAGE TWO HOT WATER HEATERS, AND SAVE FOR RE–USE IN CONSTRUCTION OF THE NEW WORK. DEMOLISH THE PLUMBING SYSTEM CONSISTING OF TOILET ROOMS, SINKS, AND MISCELLANEOUS FIXTURES AND EQUIPMENT.
- DISCONNECT AND DEMOLISH THE NATURAL GAS PIPING AND THE SPACE HEATING SYSTEM
- SHOP EQUIPMENT WILL BE REMOVED BY OTHERS. ALL OTHER MATERIALS AND EQUIPMENT SHALL BE DEMOLISHED BY CONTRACTOR.
- REMOVE AND SALVAGE ALL EXISTING SUSPENDED FLUORESCENT LIGHT FIXTURES AND LAMPS AND TURN OVER TO OWNER. DISCONNECT AND DEMOLISH ALL OTHER COMPONENTS OF THE EXISTING ELECTRICAL SYSTEM

DEMOLISH CONCRETE SLAB–ON–GRADE
DEMOLISH CONCRETE FOOTINGS AND FOUNDATION WALLS AT PERIMETER OF BUILDING
DEMOLISH LARGE ROOF–MOUNTED EXHAUST FANS AND ROOF CURBS
DEMOLISH DOMESTIC WATER SUPPLY PIPING THROUGHOUT THE BUILDING
SALVAGE ALL EXISTING SUSPENDED FLUORESCENT LIGHT FIXTURES AND LAMPS, AND SAVE FOR RE–USE IN CONSTRUCTION OF THE NEW WORK. DEMOLISH ALL OTHER COMPONENTS OF THE EXISTING ELECTRICAL SYSTEM

RESTROOMS
DEMOLISH BUILDING SUPERSTRUCTURE WHICH IS A MASONRY BEARING WALL STRUCTURE AND A WOOD TRUSS ROOF WITH METAL ROOF CLADDING.
DEMOLISH ALL INTERIOR MASONRY PARTITIONS, DOORS, CEILINGS, TOILET PARTITIONS, AND ALL OTHER FIXTURES AND EQUIPMENT.
DEMOLISH CONCRETE SLAB–ON–GRADE
DEMOLISH CONCRETE FOOTINGS AND FOUNDATION WALLS AT PERIMETER OF BUILDING AND INTERIOR STRIP FOOTINGS
SALVAGE TWO HOT WATER HEATERS AND THE SHOWER COMPONENTS, AND SAVE FOR RE–USE IN CONSTRUCTION OF THE NEW WORK. DEMOLISH THE REMAINDER OF THE PLUMBING SYSTEM
DISCONNECT AND DEMOLISH THE NATURAL GAS PIPING AND THE HEATING AND VENTILATION SYSTEM
DEMOLISH THE ELECTRICAL SYSTEM

BUILDING S–3
DEMOLISH BUILDING SUPERSTRUCTURE WHICH IS A PRE–ENGINEERED METAL BUILDING CONSISTING OF:
- SOLID WEB RIGID FRAME CLEAR SPAN PRIMARY STRUCTURE
- STEEL PURLINS AND GIRTS SECONDARY STRUCTURE
- EAVE HEIGHT APPROXIMATELY 14 FEET.
- METAL ROOF AND WALL PANELS, INCLUDING DOORS AND WINDOWS

DEMOLISH CONCRETE SLAB–ON–GRADE
DEMOLISH CONCRETE FOOTINGS AND FOUNDATION WALLS AT PERIMETER OF BUILDING
SALVAGE ALL EXISTING SUSPENDED FLUORESCENT LIGHT FIXTURES AND LAMPS, AND SAVE FOR RE–USE IN CONSTRUCTION OF THE NEW WORK. DEMOLISH ALL OTHER COMPONENTS OF THE EXISTING ELECTRICAL SYSTEM

BUILDING S–4
DEMOLISH BUILDING SUPERSTRUCTURE WHICH IS A WOOD POLE BUILDING CONSISTING OF:
- WOOD COLUMNS AND CLEAR SPAN WOOD TRUSS PRIMARY STRUCTURE
- WOOD PURLINS AND GIRTS SECONDARY STRUCTURE
- EAVE HEIGHT APPROXIMATELY 12 FEET.
- WOOD PLANK EXTERIOR WALL TO AN APPROXIMATE HEIGHT OF 3–FEET ABOVE FLOOR LINE
- METAL WALL PANELS (ABOVE WOOD) AND ROOF PANELS, INCLUDING DOORS AND WINDOWS

DEMOLISH THE ASPHALT PAVEMENT FLOOR

EROSION NOTES:

A. THE CONTRACTOR SHALL MINIMIZE THE AMOUNT OF DISTURBED AREA.
B. ANY PROPOSED CHANGES TO THE EROSION CONTROL PLAN MUST BE SUBMITTED TO THE COUNTY FOR APPROVAL AND INDICATED ON THE PLAN.
C. INSTALL WISDOT TYPE D INLET PROTECTION AT ALL INLETS SHOWN ON THE PLANS. IF OTHER INLETS ARE FOUND WITHIN THE DRAINAGE AREA. THE CONTRACTOR SHALL PLACE INLET PROTECTION.
D. INSTALL TRACKING PAD IN AREA INDICATED ON THE PLAN PER WDNR TECHNICAL STANDARD 1057
E. CONSTRUCTION ACCESS TO THE SITE WILL ONLY BE FROM WEST EXPO DRIVE OFF OF JOHN NOLEN DRIVE. CONTRACTOR SHALL ENSURE THAT ACCESS TO THE SITE AND JOHN NOLEN DRIVE. ARE CLEANED UP FROM DIRT AND TRACKED MUD AT THE END OF EACH DAY.
F. CONTRACTOR SHALL POST A COPY OF THE COVERAGE UNDER WPDES GENERAL PERMIT APPROVAL AT A CONSPICUOUS LOCATION ON THE PROJECT SITE FOR AT LEAST FIVE DAYS PRIOR TO CONSTRUCTION, AND REMAINING AT LEAST FIVE DAYS AFTER CONSTRUCTION. CONTRACTOR MUST ALSO HAVE A COPY OF THE PERMIT AND APPROVED PLAN AVAILABLE AT THE PROJECT SITE AT ALL TIMES UNTIL THE PROJECT IS COMPLETE.
G. CONTRACTOR SHALL EMPLOY EROSION CONTROL METHODS AS SHOWN AND SPECIFIED IN THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES CONSTRUCTION SITE TECHNICAL STANDARDS AND THE WISDOT EROSION CONTROL PRODUCT ACCEPTABILITY LISTS (PAL).
H. ALL EROSION CONTROL MEASURES SHALL BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND SHALL BE INSTALLED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON THE SITE.
I. STOCKPILE TOPSOIL FOR RE–SPREAD IN THE AREA INDICATED ON THE PLAN AS NECESSARY. ALL DISTURBED AREAS SHALL BE STABILIZED WITH SOIL STABILIZER TYPE B IF THERE IS A DELAY OF MORE THAN 7 CALENDAR DAYS BETWEEN INITIAL GRADING AND FINAL TOPSOIL AND SEEDING. SOIL STABILIZER APPLICATION SHALL BE AT THE CONTRACTOR'S EXPENSE.
J. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED FOR STABILITY AND OPERATION AFTER A RAINFALL OF 0.5 INCHES OR MORE BUT NOT LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY. WRITTEN REPORTS WILL BE KEPT OF ALL EROSION AND SEDIMENT CONTROL INSPECTIONS AS REQUIRED BY THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR).
K. SILT FENCE/SEDIMENT SOCK SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS PER DETAILS. SEDIMENT DEPOSITS WILL BE REMOVED FROM BEHIND THE SILT FENCE/SEDIMENT SOCK WHEN DEPOSITS REACH A DEPTH OF 6 INCHES. THE SILT FENCE/SEDIMENT SOCK WILL BE REPAIRED OR REPLACED AS NECESSARY TO MAINTAIN A BARRIER.
L. EROSION CONTROL MEASURES SHALL BE MAINTAINED ON A CONTINUING BASIS UNTIL THE SITE IS PERMANENTLY STABILIZED. SITE STABILIZATION INVOLVING SEEDING WHICH IS NOT COMPLETED PRIOR TO SEPTEMBER 15 SHALL BE COMPLETED WITH DORMANT SEEDING BY NOVEMBER 1.
M. EROSION CONTROL MEASURES MUST BE IN PLACE AT THE END OF EACH WORK DAY.
N. ALL OFF–SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION WORK OR A STORM EVENT SHALL BE CLEANED UP BY THE END OF EACH DAY. FLUSHING SHALL NOT BE ALLOWED.
O. WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED OR HAVE BEEN TEMPORARILY SUSPENDED FOR MORE THAN SEVEN DAYS, OR WHEN FINAL GRADES ARE REACHED IN ANY PORTION OF THE SITE, STABILIZATION SHALL BE IMPLEMENTED WITHIN SEVEN DAYS. TEMPORARY STABILIZATION PRACTICES SUCH AS MULCH/TACKIFIER, EROSION MAT, OR WISDOT TYPE B SOIL STABILIZER SHALL BE APPLIED TO THE SOIL SURFACE WHEN THE SITE IS NOT READY FOR PERMANENT RESTORATION. WHEN STABILIZATION IS NOT POSSIBLE DUE TO SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS POSSIBLE. THE CONTRACTOR SHALL USE CLASS I URBAN TYPE B EROSION MATTING ON ALL SWALE CENTERLINES AND SIDE SLOPES STEEPER THAN 4:1 (25%)
P. STORM WATER AND GROUND WATER PUMPED FROM EXCAVATIONS AND/OR THE DEWATERING WELLS SHALL BE DISPOSED OF IN ACCORDANCE WITH THE WISCONSIN STATUTES. SEDIMENT BASINS, SEDIMENT TRAPS AND/OR THE USE OF POLYMERS TO CONTROL SEDIMENT SHALL BE UTILIZED AND MEET THE REQUIREMENTS OF THE WISCONSIN WDNR TECHNICAL STANDARDS.
Q. EROSION MAT SHALL CONSIST ENTIRELY OF BIODEGRADABLE COMPONENTS.
R. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
S. THIS PLAN SHOWS NEW CONTOURS AND FINISHED GRADES. FOR ROUGH GRADES OF ALL PAVEMENT AREAS, SUBTRACT THICKNESS OF PAVEMENT AND BASE COURSE SPECIFIED.
T. ALL DIMENSIONS SHOWN ARE TO DECIMAL FEET AND MEASURED TO EDGE OF PAVEMENT, UNLESS SPECIFIED OTHERWISE. PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE OWNERS REPRESENTATIVE.
U. CONTRACTOR TO PROVIDE UPDATED CONSTRUCTION SCHEDULE ON BI–WEEKLY BASIS.
V. PROVIDE TRAFFIC CONTROL DURING CONSTRUCTION AS REQUIRED TO MAINTAIN SAFE CONDITIONS FOR WORKERS AND THE PUBLIC.
W. CONTRACTOR TO PROVIDE A STAGING PLAN TO THE COUNTY FOR APPROVAL.

*SEEDING AND STABILIZATION INFORMATION & DEADLINES ARE AS FOLLOWS:
–CONTRACTOR TO USE WISDOT MIX #40 AT A RATE OF 3.0 LBS/1000 SF
–CONTRACTOR TO USE ANNUAL SEEDING AT A RATE OF 2.0 LBS/1000 SF
–CONTRACTOR TO APPLY FERTILIZER AT A RATE OF 2 LBS/1000 SF

AFTER SEPTEMBER 15TH, A COOL WEATHER SEEDING COVER CROP MUST BE APPLIED (I.E. OATS)
AFTER OCTOBER 15TH, A DORMANT SEEDING COVER CROP MUST BE APPLIED
(I.E. WINTER WHEAT)
AFTER NOVEMBER 15TH, A DORMANT SEEDING MUST BE APPLIED WITH AN ACCEPTABLE SOIL STABILIZER.
(POLYACRYLIMIDE)

SITE DEMOLITION NOTES:

1. ALL WATER SERVICES SHALL BE SHUT OFF AND CAPPED.
2. WATER VALVE BOXES SHALL BE REMOVED, BACKFILLED AND COMPACTED
3. SANITARY SEWER AND STORM MANHOLES AND CLEANOUTS CASTINGS SHALL BE REMOVED AND BACKFILLED
4. GAS SERVICE SHALL BE SHUT OFF BY OTHERS
5. ALL EXISTING HYDRANTS SHALL EITHER BE MOVED AS SHOWN OR REMAIN IN PLACE WITH EXISTING SERVICE MAINTAINED
6. ALL BUILDINGS, STRUCTURES AND ABOVE GROUND APPURTANCES WITHIN THE PROPOSED NEW BUILDING FOOTPRINT SHALL BE REMOVED AS A PART OF THE DEMOLITION WORK UNLESS OTHERWISE NOTED. (SEE SHEET C205)
7. THE 10 INCH WATERMAIN NORTH OF THE BUILDINGS AND RUNNING BETWEEN THE TWO MAIN NEW BUILDINGS SHALL BE MAINTAINED.
8. MAINTAIN EXISTING PEDESTRIAN LIGHTS IN PLAZA AREA.
9. SAWCUT EDGE OF PAVEMENT AND CURB TO BE REMOVED.
10. REMOVAL OF RETAINING WALLS INCLUDED IN REMOVAL OF FOOTINGS.
11. REMOVE ANY EXISTING SITE ELEMENT THAT CONFLICTS WITH THE PROPOSED CONSTRUCTION INCLUDING, BUT NOT LIMITED TO SIGNS, WALLS, FENCING, LANDSCAPING, PAVEMENTS AND CURB AND GUTTER.
12. COORDINATE THE SALVAGE OF SITE ELEMENTS WITH COUNTY PRIOR TO DEMOLITION.

ANTICIPATED CONSTRUCTION SCHEDULE:

1. INSTALL EROSION CONTROL MEASURES AS DETAILED ON THE PLAN. SITEWORK MAY NOT COMMENCE UNTIL EROSION CONTROL MEASURES ARE IN PLACE.
2. CONTRACTOR TO DEMOLISH AREA (BUILDINGS, CONCRETE, ASPHALT, UTILITIES ETC) AS PROPOSED, CLEAR & GRUB TREES AS NECESSARY.
3. ABANDON SANITARY, STORM AND WATER UTILITIES AS SHOWN.
4. CONSTRUCT NEW STORMWATER FACILITIES AND DREDGE EXISTING AS SHOWN.
5. CONSTRUCT UTILITIES
6. CONSTRUCT NEW PAVILION AND EXHIBITION CENTER.
7. CONSTRUCT NEW FUEL STATION.
8. CONSTRUCT NEW SANITARY DUMP STATION.
9. CONSTRUCT CONCRETE CURB & PAVEMENT.
10. TOPSOIL, SEED AND MULCH/EROSION MAT ALL DISTURBED AREAS.
11. REMOVE EROSION CONTROL ITEMS ONCE DISTURBED AREA IS 70% VEGETATED.

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FILE NAME	P-EC.DWG
REVISIONS	
DRAWN	KM
CHECKED	JL
DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

DEMOLITION NOTES

SHEET NO.

C205

AARON O'KEEFE 2013-5-28 3:13 PM P:\2500\2512_ALLIANTEXH\CAD\P-EC.DWG

MATCHLINE SEE SHEET C304

SEE SHEET C302

MATCHLINE

MATCH EXISTING CURB

APPROXIMATE RELOCATED ELECTRICAL PAD LOCATION. SEE ELECTRICAL PLANS FOR DETAILS

30" CONCRETE CURB (11 C903)

MATCH EXISTING CURB

10 C903 CONCRETE PAVEMENT TYPE 1

MATCH EXISTING CURB

7 C903 ACCESSIBLE RAMP

11 C903 30" CONCRETE CURB

6 C903 GRAVEL SURFACE

MATCH EXISTING PAVEMENT, MAINTAIN RAMP

EXISTING TREE TO REMAIN

6 C903 GRAVEL SURFACE

10 C903 CONCRETE PAVEMENT TYPE 1

10 C903 CONCRETE PAVEMENT TYPE 2

11 C903 CURB HEAD

ASPHALT PATCH AS REQUIRED

EXISTING TREE TO REMAIN

10 C903 CONCRETE PAVEMENT TYPE 1

6 C903 GRAVEL SURFACE

10 C903 CONCRETE PAVEMENT TYPE 2

EXISTING TREE TO REMAIN

11 C903 CURB HEAD

6 C903 GRAVEL SURFACE

MATCH EXISTING

ASPHALT PATCH AS REQUIRED

10 C903 CONCRETE PAVEMENT TYPE 1

10 C903 CONCRETE PAVEMENT TYPE 2, CENTER ON DOORS

6 C903 GRAVEL SURFACE

10 C903 CONCRETE PAVEMENT TYPE 1

10 C903 CONCRETE PAVEMENT TYPE 2

EXISTING TREE TO REMAIN

6 C903 GRAVEL SURFACE

ASPHALT PATCH AS REQUIRED

10 C903 CONCRETE PAVEMENT TYPE 2

11 C903 CURB HEAD

EXISTING TREE TO REMAIN

PATCH CONCRETE WHERE TREES WERE REMOVED

EXISTING TREE TO REMAIN

10 C903 CONCRETE PAVEMENT TYPE 2

6 C903 GRAVEL SURFACE

EXISTING TREE TO REMAIN

ASPHALT PATCH AS REQUIRED

EXISTING CONCRETE PAVEMENT AND FLAG POLES TO REMAIN

10 C903 CONCRETE PAVEMENT TYPE 2

10 C903 CONCRETE PAVEMENT TYPE 1

SLOPE CONCRETE TO MATCH EXISTING

MATCH EXISTING CURB

7 C903 ACCESSIBLE RAMP

12 C903 CROSSWALK

ACCESSIBLE RAMP (7 C903)

CURB HEAD (11 C903)

CONCRETE PAVEMENT SEE ARCHITECTURAL PLANS

ASPHALT TYPE 1 (9 C903)

ASPHALT TYPE 2 (9 C903)

CONCRETE PAVEMENT SEE ARCHITECTURAL PLANS

CONCRETE STOOP, SEE STRUCTURAL PLANS

CONCRETE STOOP, SEE STRUCTURAL PLANS

PROPOSED PAVILION 2

PROPOSED PAVILION 1

PLAZA

PLAZA

PLAZA

LAWN

LAWN

LEGEND

- GRAVEL SURFACE
- ASPHALT, TYPE 1
- ASPHALT, TYPE 2
- CONCRETE PAVEMENT, TYPE 1
- CONCRETE PAVEMENT, TYPE 2
- CONCRETE PAVEMENT, TYPE 3
- REJECT CURB

NOTES
1. REPAIR GRAVEL SURFACING DAMAGED BY CONSTRUCTION ACTIVITIES. GRAVEL SURFACE PATTERN SHOWS APPROXIMATE LIMITS OF NEW GRAVEL.
2. REPAIR LAWN DAMAGED BY CONSTRUCTION ACTIVITIES IN KIND.
3. PROVIDE SMOOTH TRANSITION FROM NEW CONSTRUCTION TO EXISTING PAVEMENTS AND SURFACING.
4. ALL WRITTEN DIMENSIONS SUPERSEDE SCALED DIMENSIONS.
5. CONTRACTOR SHALL INSTALL EXPANSION JOINTS BETWEEN CONCRETE PAVING, CURBS, AND EXISTING PAVING OR STRUCTURES, IN ADDITION TO AREAS SPECIFIED ON PLANS
6. THE CONTRACTOR IS RESPONSIBLE FOR SITE STAKING. ALL PROPOSED SITE FEATURES SHALL BE STAKED IN FIELD PRIOR TO CONSTRUCTION. ALL CURVES SHALL BE SMOOTH AND CONTINUOUS WITH CAREFULLY MATCHED TANGENTS. CAD FILE TO BE PROVIDED UPON REQUEST.
7. DIMENSIONS TAKEN TO FACE OF CURB

ASPHALT, TYPE 1 (9 C903)

CONCRETE PAVEMENT SEE ARCHITECTURAL PLANS

11 C903 30" CONCRETE CURB

REPAIR DAMAGED LAWN

11 C903 30" CONCRETE CURB

MATCH EXISTING CURB

APPROXIMATE LOCATION OF ELECTRIC TRANSFORMER PAD. SEE ELECTRICAL SHEETS FOR DETAILS.

MATCH EXISTING CURB

CONCRETE PAVEMENT SEE ARCHITECTURAL PLANS

CURB HEAD (11 C903)

CONCRETE PAVEMENT TYPE 1 (10 C903)

REPAIR DAMAGED LAWN

30" CONCRETE CURB (11 C903)

ACCESSIBLE RAMP (7 C903)

REJECT CURB

MATCH EXISTING CURB

24'-3" 40' 287' 32' 20'

KEY PLAN

3 4 2 1

N 0 10 20 40

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DRAWN	KM
CHECKED	JL
DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

SITE LAYOUT PLAN

SHEET NO.

C301

AARON O'KEEFE 2013-5-28 3:13 PM P:\2009\09\12_ALLIANTEXH\CAD\P-SP.DWG

MATCHLINE SEE SHEET C303

11 C903 18" CONCRETE CURB

ASPHALT MATCH LINE

18" CONCRETE CURB 11 C903

ASPHALT TYPE 2 9 C903

ASPHALT TYPE 1 9 C903

R4'-6"

9'

12'-5"

EDGE OF ASPHALT

15'-3"

51'

TOP OF BOX CULVERT FLUSH WITH ASPHALT SEE C502

1 C903 WHEEL STOP AT 9'-0" O.C. (TYP.)

ASPHALT TYPE 1 9 C903

ASPHALT TYPE 2 9 C903

CONCRETE PAVEMENT SEE ARCHITECTURAL PLANS

LAWN

21'

BOX CULVERT, SEE GRADING AND UTILITY PLANS

PROPOSED HVAC EQUIPMENT LOCATION

CONCRETE PAVEMENT TYPE 3 10 C903

MAINTENANCE BUILDING

VAULT

10'-8"

145'

ASPHALT PATCH AT JOINT

ASPHALT TYPE 1 9 C903

LAWN

CONCRETE STOOP. SEE STRUCTURAL.

EXISTING ROAD – DO NOT OBSTRUCT/DAMAGE

LAWN

CONCRETE STOOP. SEE STRUCTURAL.

PROPOSED PAVILION 2

SEE SHEET C301

MATCHLINE

LEGEND

- GRAVEL SURFACE
- ASPHALT, TYPE 1
- ASPHALT, TYPE 2
- CONCRETE PAVEMENT, TYPE 1
- CONCRETE PAVEMENT, TYPE 2
- CONCRETE PAVEMENT, TYPE 3
- REJECT CURB

SEE SHEET C301 FOR NOTES

LAWN

EDGE OF CONCRETE

R15'

CONCRETE PAVEMENT SEE ARCHITECTURAL PLANS

11 C903 30" CONCRETE CURB

11 C903 30" CONCRETE CURB

FILL DRIVEWAY AND SEED/SOD

11 C903 30" CONCRETE CURB

PROPOSED LOCATION OF GENERATOR, SEE ELECTRICAL PLANS FOR DETAILS.

REMOVE AND REPLACE SIGN

R14'

REPAIR DAMAGED LAWN

RELOCATED LIGHT

RELOCATE EXISTING LIGHT

ASPHALT PATCH

ASPHALT, TYPE 1 9 C903

REPAIR DAMAGED LAWN

ASPHALT PATCH

MATCH EXISTING CURB

50'-11"

MATCH EXISTING CURB

APPROXIMATE LOCATION OF ELECTRICAL TRANSFORMER PAD. SEE ELECTRICAL PLANS FOR DETAILS.

MATCH EXISTING CURB

91'-7"

MATCH EXISTING CURB

30" CONCRETE CURB 11 C903

30" CONCRETE CURB 11 C903

FILL DRIVEWAY AND SEED/SOD

KEY PLAN

3 4 2 1

N

0 10 20 40

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ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

SITE LAYOUT PLAN

SHEET NO.

C302

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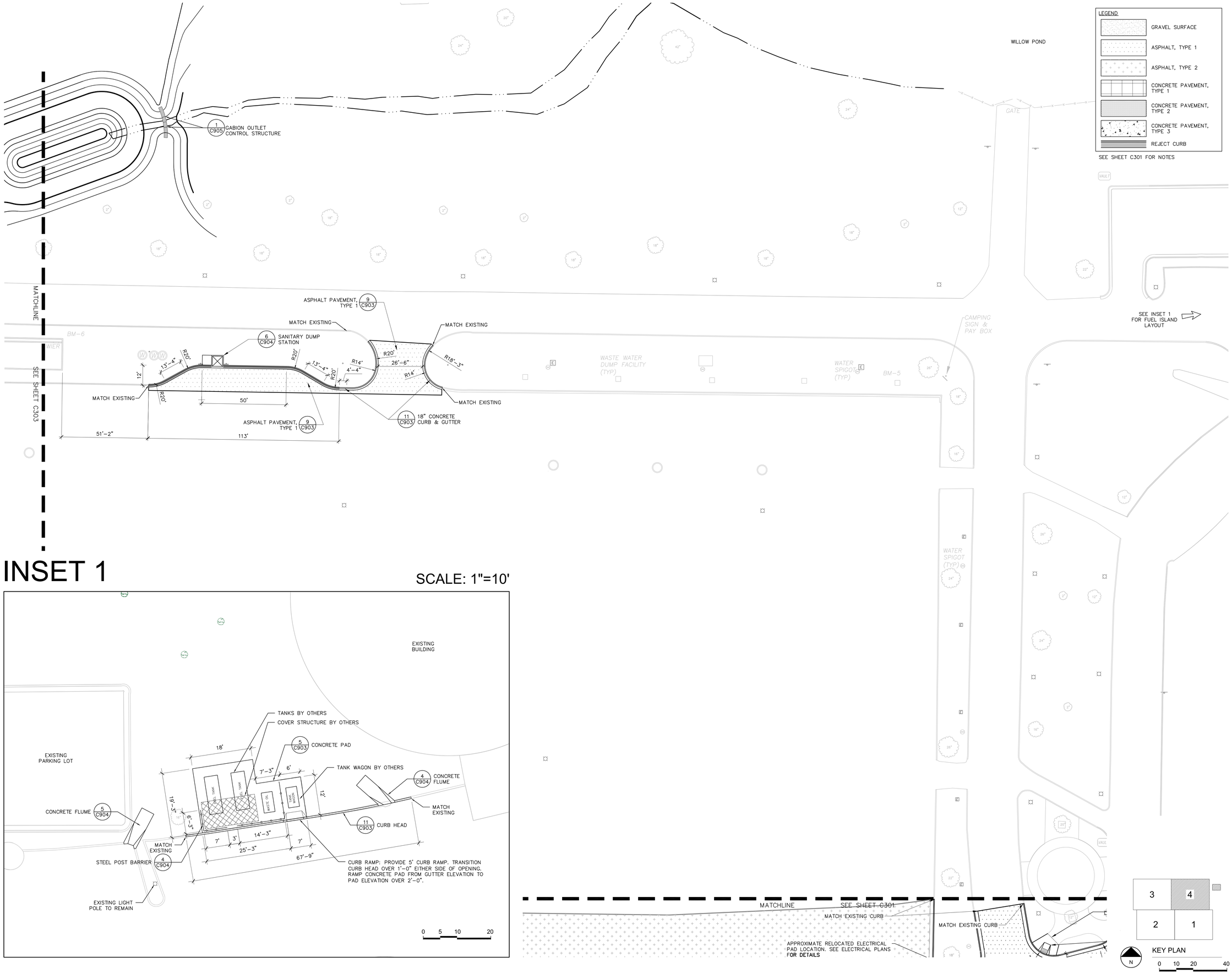

INSET 1

SCALE: 1"=10'

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

SITE LAYOUT PLAN

SHEET NO.

C304

AARON O'KEEFE 2013-5-28 3:13 PM P:\2500\2512_ALLIANTEN\CAD\P-SP.DWG
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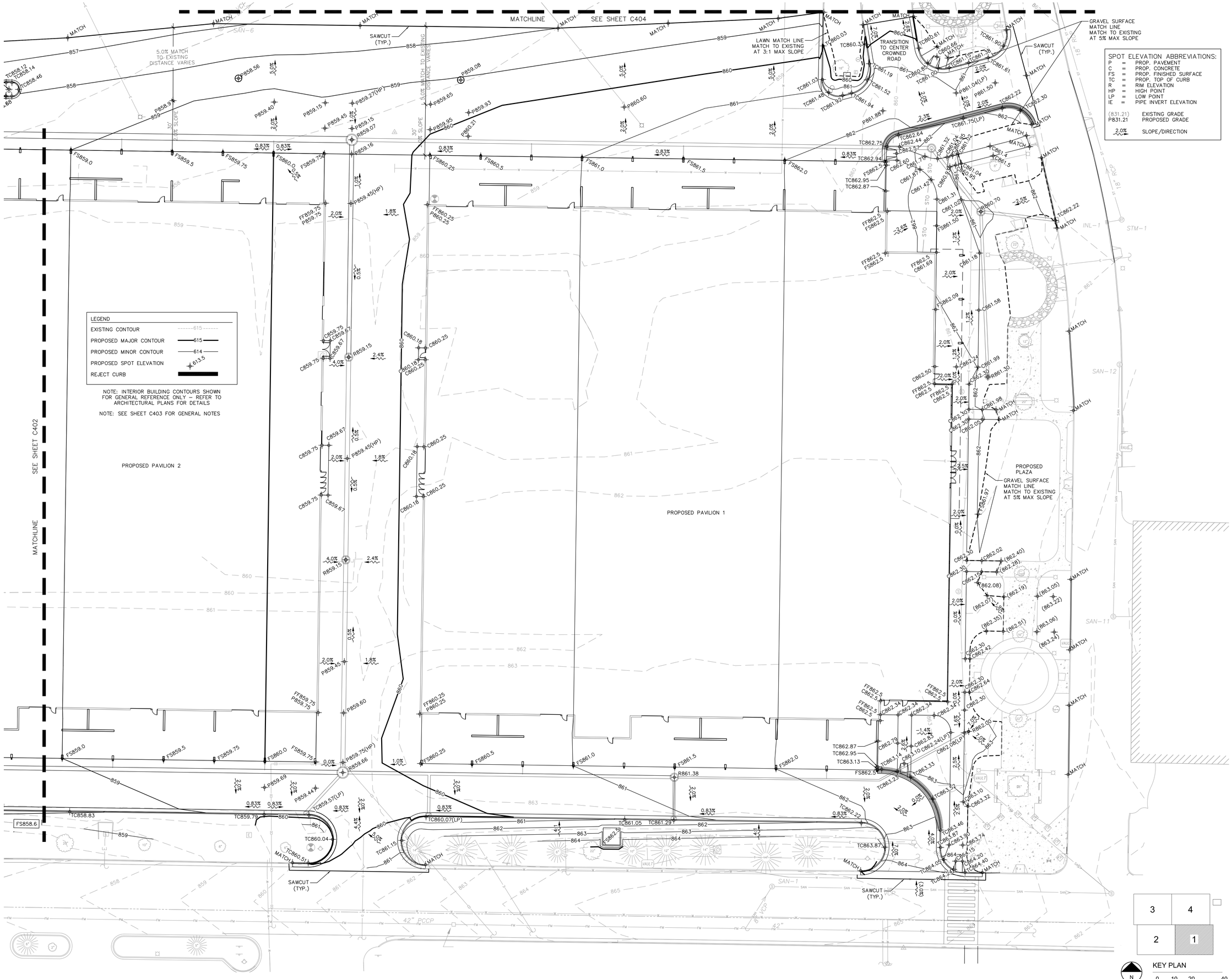

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

SITE GRADING PLAN

SHEET NO.

C401

KEY PLAN
N
0 10 20 40

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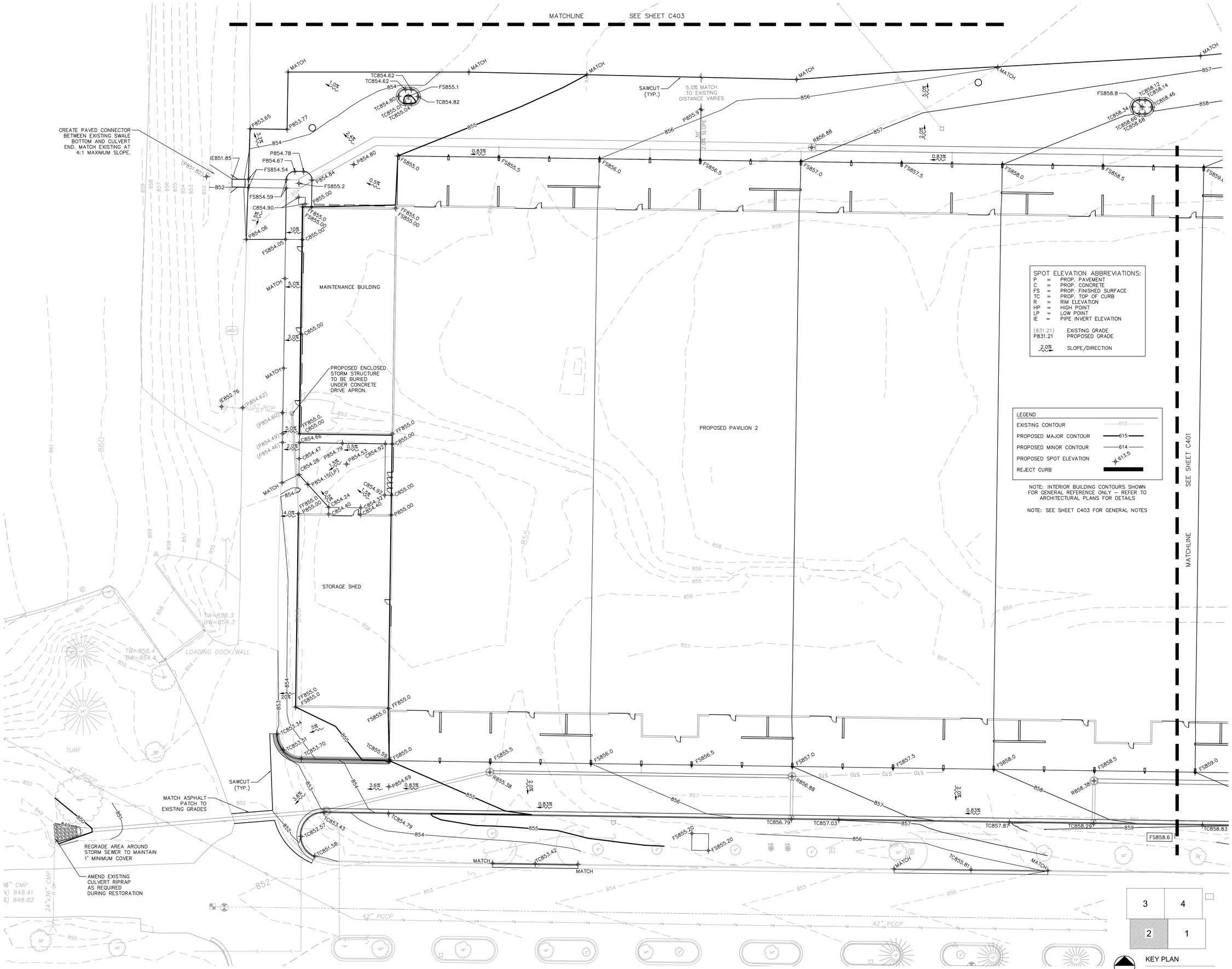

SPOT ELEVATION ABBREVIATIONS:

P	=	PROP. PAVEMENT
C	=	PROP. CONCRETE
FS	=	PROP. FINISHED SURFACE
TC	=	PROP. TOP OF CURB
R	=	RIM ELEVATION
HP	=	HIGH POINT
LP	=	LOW POINT
IE	=	PIPE INVERT ELEVATION
(831.21)		EXISTING GRADE
P831.21		PROPOSED GRADE
2.0%		SLOPE/DIRECTION

LEGEND

EXISTING CONTOUR	615
PROPOSED MAJOR CONTOUR	615
PROPOSED MINOR CONTOUR	614
PROPOSED SPOT ELEVATION	613.5
REJECT CURB	

NOTE: INTERIOR BUILDING CONTOURS SHOWN FOR GENERAL REFERENCE ONLY – REFER TO ARCHITECTURAL PLANS FOR DETAILS

NOTE: SEE SHEET C403 FOR GENERAL NOTES

KEY PLAN

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

SITE GRADING PLAN

SHEET NO.

C402

KATIE MACDONALD 2015-7-20 3:39 PM P:\2500\2512_ALLIANTEXHCADP-SG.DWG

GRADING GENERAL NOTES:

1. ALL PROPOSED PAVING, CURBS, HARDSCAPE, AND PLANTING AREAS SHALL TRANSITION SMOOTHLY TO EXISTING ADJACENT FEATURES. ENSURE POSITIVE DRAINAGE ON ALL PAVING AND THROUGHOUT ALL PLANTING AREAS.
2. NO ORGANIC MATERIAL SHALL BE APPROVED FOR FILL UNDER ANY PAVEMENTS OR STRUCTURES. EXCAVATED MATERIAL NOT SUITABLE FOR BACKFILLING SHALL BE REMOVED AND LEGALLY DISPOSED OF OFF-SITE.
3. CONTOUR INTERVAL IS ONE (1) FOOT.
4. SPOT ELEVATIONS REPRESENT THE DESIGN INTENT OF FINISH GRADES AND FINISH SURFACES. SUBGRADES SHALL BE PER THE DETAILS.
5. REPAIR GRAVEL SURFACING, PAVEMENT, AND LAWN AREAS DAMAGED BY CONSTRUCTION ACTIVITIES IN KIND.
6. CONTRACTOR SHALL MATCH IN TO EXISTING GRASSED SLOPES WITH A MAXIMUM SLOPE OF 4:1. UNLESS SHOWN OTHERWISE ON THE PLANS)
7. EXCEPT WHERE DESIGNATED ON THE PLANS, THE CONTRACTOR SHALL MAINTAIN A MAXIMUM OF 5% SLOPES ON ALL PAVED AREAS AND 2% CROSS SLOPES ON SIDEWALKS. THE CONTRACTOR SHALL CHECK ALL SLOPES PRIOR TO ACTUAL CONSTRUCTION AND IF THERE IS AN AREA WHERE SLOPES ARE GREATER THAN DESIGN, THE CONTRACTOR SHALL NOTIFY THE A/E SO THAT IT CAN BE RECTIFIED PRIOR TO INSTALLATION.
8. REPAIR LAWN DAMAGED BY CONSTRUCTION ACTIVITIES IN KIND.
9. ALL WRITTEN DIMENSIONS SUPERSEDE SCALED DIMENSIONS.
10. CONTRACTOR SHALL INSTALL EXPANSION JOINTS BETWEEN CONCRETE PAVING, CURBS, AND EXISTING PAVING OR STRUCTURES, IN ADDITION TO AREAS SPECIFIED ON PLANS.
11. THE CONTRACTOR IS RESPONSIBLE FOR SITE STAKING. ALL PROPOSED SITE FEATURES SHALL BE STAKED IN FIELD PRIOR TO CONSTRUCTION. ALL CURVES SHALL BE SMOOTH AND CONTINUOUS WITH CAREFULLY MATCHED TANGENTS.
12. CAD FILE TO BE PROVIDED UPON REQUEST.
13. DIMENSIONS TAKEN TO FACE OF CURB.

STORMWATER CONSTRUCTION NOTES:

1. CONTRACTOR SHALL HAUL ALL EXCESS MATERIAL FROM THE SITE.

2. CONTRACTOR SHALL PROCURE A DUMP SITE AND OBTAIN ANY NECESSARY PERMITS AS INCIDENTAL TO THE COST OF EXPORTING FILL FROM THIS SITE.

3. CONTRACTOR TO LOAD DREDGED MATERIAL FROM NORTHWEST BASIN ONTO TRUCKS SITTING ON THE EXISTING PAVEMENT AT ALL TIMES TO MINIMIZE TRACKING AND OVERALL DISTURBANCE

PROPOSED FOREBAY AREA TO BE STRIPPED OF TOPSOIL, EXCAVATED AND SHAPED TO PROPOSED GRADES THEN THEN RESTORED WITH SEED, FERTILIZER & CLASS 1, TYPE A EROSION MAT ON ALL DISTURBED AREAS (ABOVE WATER LEVEL) (4 / C902)

CONTRACTOR TO FLUSH AND CLEAN EXISTING STORM SEWER PIPES. PLACE MEDIUM RIP RAP WITH TYPE HR GEO-FABRIC.

NW BASIN

EXISTING ASPHALT

EXISTING 15" OUTLET STORM SEWER (3)

PROPOSED FOREBAY AREA

ENDWALL RIP RAP (2 / C901)

10' SAFETY SHELF @ 10:1 SLOPE NWE = 85

MATCHLINE

SEE SHEET C403

MATCHLINE SEE SHEET C402

MATCH

TC854.62

SPOT ELEVATION ABBREVIATIONS:

P	=	PROP. PAVEMENT
C	=	PROP. CONCRETE
FS	=	PROP. FINISHED SURFACE
TC	=	PROP. TOP OF CURB
R	=	RIM ELEVATION
HP	=	HIGH POINT
LP	=	LOW POINT
IE	=	PIPE INVERT ELEVATION
(831.21)		EXISTING GRADE
P831.21		PROPOSED GRADE
2.0%		SLOPE/DIRECTION

LEGEND

- EXISTING CONTOUR ------615------
- PROPOSED MAJOR CONTOUR ——615——
- PROPOSED MINOR CONTOUR ——614——
- PROPOSED SPOT ELEVATION X613.5
- REJECT CURB

NOTE: INTERIOR BUILDING CONTOURS SHOWN FOR GENERAL REFERENCE ONLY – REFER TO ARCHITECTURAL PLANS FOR DETAILS

SEE SHEET C403 FOR GRADING NOTES.

KEY PLAN

3 | 4
2 | 1

N

0 10 20 40

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

SITE GRADING PLAN

SHEET NO.

C403

Xref List: BASE
Xref Path: P:\2500\2512_ALLIANTEM\CAD\X-BASE.DWG
LAST SAVED: 2013-7-30 - 3:35 PM
PLOTTED: 2013-7-30 - 3:35 PM
PLOT SCALE: 1.000000 = 1"
PLOTTED BY: KATIE MACDONALD
FILE: P:\2500\2512_ALLIANTEM\CAD\P-SG.DWG

NOTE: SEE SHEET C403 FOR GENERAL NOTES

WILLOW POND

LEGEND

EXISTING CONTOUR	615
PROPOSED MAJOR CONTOUR	615
PROPOSED MINOR CONTOUR	614
PROPOSED SPOT ELEVATION	613.5
REJECT CURB	

NOTE: INTERIOR BUILDING CONTOURS SHOWN FOR GENERAL REFERENCE ONLY – REFER TO ARCHITECTURAL PLANS FOR DETAILS

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LP	=	LOW POINT
IE	=	PIPE INVERT ELEVATION
(831.21)		EXISTING GRADE
P831.21		PROPOSED GRADE
2.0%		SLOPE/DIRECTION

1 C902 GABION OUTLET CONTROL STRUCTURE

SEE DETAIL FOR ELEVATIONS

PROPOSED FOREBAY AREA

10' SAFETY SHELF @ 10:1 SLOPE NWE = 850

MATCHLINE

SEE SHEET C403

BM-6 TW=852.49 BW=850.79

TW=851.78 BW=850.81

RIM=853.02

MATCH EXISTING CURB

SAWCUT (TYP.)

MATCH EXISTING CURB

MAINTAIN EXISTING FLOWLINE

SAWCUT (TYP.)

MATCH EXISTING CURB

0.5% 2.0% 0.5% 2.0% 0.5%

SEE INSET 1 FOR FUEL ISLAND LAYOUT

CAMPING SIGN & PAY BOX

WASTE WATER DUMP FACILITY (TYP)

WATER SPIGOT (TYP)

6" PVC

8" VCP

10"

12" RCP

15" RCP

SAN-14

SAN-18

BM-5

GATE

VAULT

INSET 1

SCALE: 1"=10'

REGRADE EXISTING DRAINAGE SWALE TO MAINTAIN POSITIVE DRAINAGE AS REQUIRED AND RESTORE WITH 4" TOPSOIL, SEED, & CLASS I URBAN TYPE B EROSION MATTING

REGRADE EXISTING DRAINAGE SWALE TO MAINTAIN POSITIVE DRAINAGE AS REQUIRED AND RESTORE WITH 4" TOPSOIL, SEED, & CLASS I URBAN TYPE B EROSION MATTING

5 C904 CONCRETE FLUME

5 C904 CONCRETE FLUME

1.0% MIN

MATCH EXISTING PAVEMENT

MATCH EXISTING CURB

MATCH EXISTING CURB

5' DRIVE OPENING AND RAMP

MATCH EXISTING CURB

0 5 10 20

MATCH MATCHLINE

SEE SHEET C401

LAWN MATCH LINE MATCH TO EXISTING AT 3:1 MAX SLOPE

TRANSITION TO CENTER CROWNED ROAD

KEY PLAN

0 10 20 40

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ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

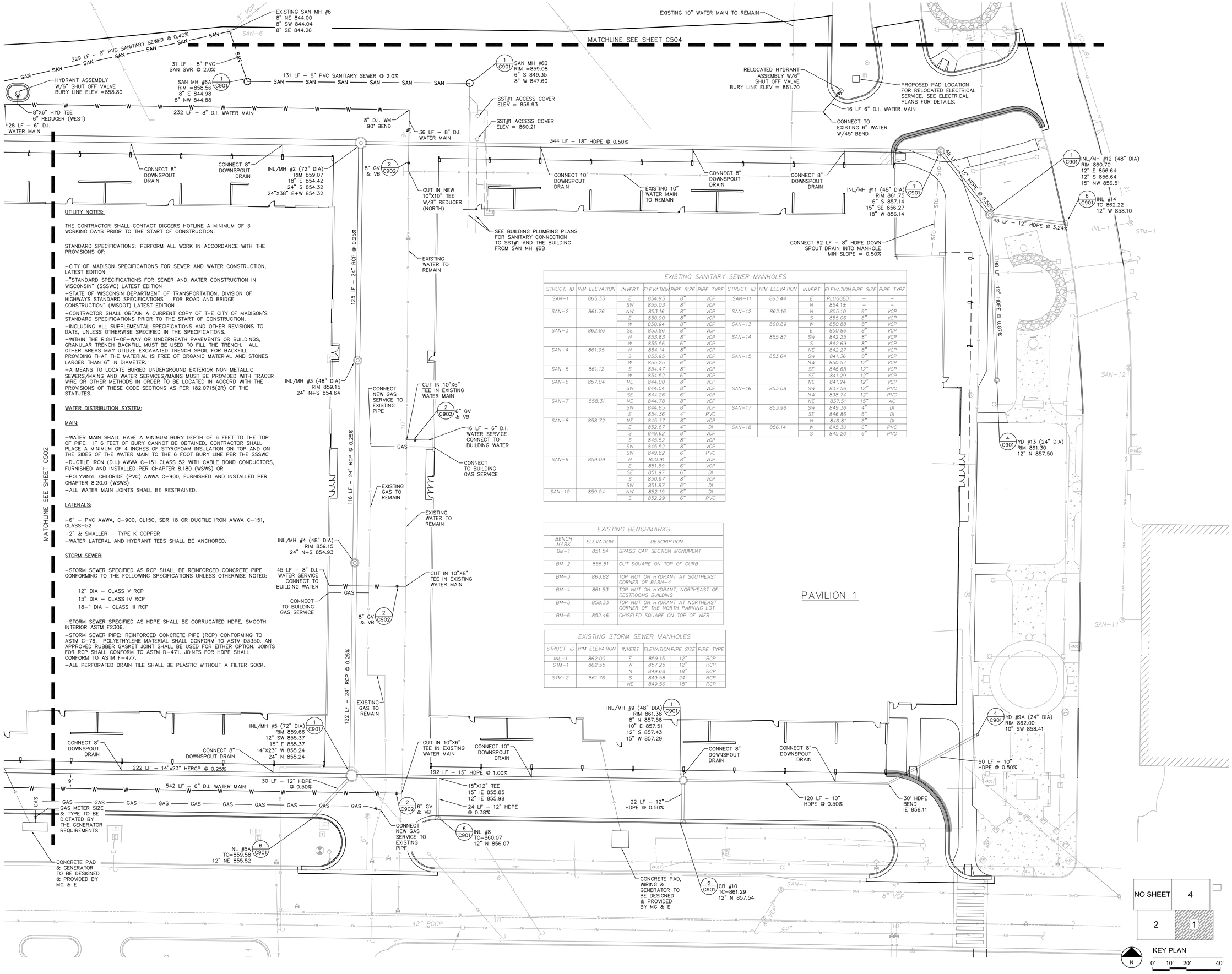
SITE GRADING PLAN

SHEET NO.

C404

last User: KATIE MACDONALD 2013-7-30 3:39 PM P:\2500\2512_ALLIANTEXHC\ADP-SG.DWG
LAB: 2027-X-Plan

KATIE MACDONALD 2013-7-30 3:39 PM P:\2500\2512_ALLIANTEXHC\ADP-SG.DWG



UTILITY NOTES:

THE CONTRACTOR SHALL CONTACT DIGGERS HOTLINE A MINIMUM OF 3 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.

STANDARD SPECIFICATIONS: PERFORM ALL WORK IN ACCORDANCE WITH THE PROVISIONS OF:

–CITY OF MADISON SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION, LATEST EDITION
–"STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN" (SSSWC) LATEST EDITION
–STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (WSDOT) LATEST EDITION
–CONTRACTOR SHALL OBTAIN A CURRENT COPY OF THE CITY OF MADISON'S STANDARD SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION.
–INCLUDING ALL SUPPLEMENTAL SPECIFICATIONS AND OTHER REVISIONS TO DATE, UNLESS OTHERWISE SPECIFIED IN THE SPECIFICATIONS.
–WITHIN THE RIGHT–OF–WAY OR UNDERNEATH PAVEMENTS OR BUILDINGS, GRANULAR TRENCH BACKFILL MUST BE USED TO FILL THE TRENCH. ALL OTHER AREAS MAY UTILIZE EXCAVATED TRENCH SPOIL FOR BACKFILL PROVIDING THAT THE MATERIAL IS FREE OF ORGANIC MATERIAL AND STONES LARGER THAN 6" IN DIAMETER.
–A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED IN ACCORD WITH THE PROVISIONS OF THESE CODE SECTIONS AS PER 182.0715(2R) OF THE STATUTES.

WATER DISTRIBUTION SYSTEM:

MAIN:

–WATER MAIN SHALL HAVE A MINIMUM BURY DEPTH OF 6 FEET TO THE TOP OF PIPE. IF 6 FEET OF BURY CANNOT BE OBTAINED, CONTRACTOR SHALL PLACE A MINIMUM OF 4 INCHES OF STYROFOAM INSULATION ON TOP AND ON THE SIDES OF THE WATER MAIN TO THE 6 FOOT BURY LINE PER THE SSSWC
–DUCTILE IRON (D.I.) AWWA C–151 CLASS 52 WITH CABLE BOND CONDUCTORS, FURNISHED AND INSTALLED PER CHAPTER 8.180 (WSWS) OR
–POLYVINYL CHLORIDE (PVC) AWWA C–900, FURNISHED AND INSTALLED PER CHAPTER 8.20.0 (WSWS)
–ALL WATER MAIN JOINTS SHALL BE RESTRAINED.

LATERALS:

–6" – PVC AWWA, C–900, CL150, SDR 18 OR DUCTILE IRON AWWA C–151, CLASS–52
–2" & SMALLER – TYPE K COPPER
–WATER LATERAL AND HYDRANT TEES SHALL BE ANCHORED.

STORM SEWER:

–STORM SEWER SPECIFIED AS RCP SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO THE FOLLOWING SPECIFICATIONS UNLESS OTHERWISE NOTED:

12" DIA – CLASS V RCP
15" DIA – CLASS IV RCP
18+" DIA – CLASS III RCP

–STORM SEWER SPECIFIED AS HDPE SHALL BE CORRUGATED HDPE, SMOOTH INTERIOR ASTM F2306.
–STORM SEWER PIPE: REINFORCED CONCRETE PIPE (RCP) CONFORMING TO ASTM C–76, POLYETHYLENE MATERIAL SHALL CONFORM TO ASTM D3350. AN APPROVED RUBBER GASKET JOINT SHALL BE USED FOR EITHER OPTION. JOINTS FOR RCP SHALL CONFORM TO ASTM D–471. JOINTS FOR HDPE SHALL CONFORM TO ASTM F–477.
–ALL PERFORATED DRAIN TILE SHALL BE PLASTIC WITHOUT A FILTER SOCK.

EXISTING SANITARY SEWER MANHOLES

STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE	STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
SAN–1	865.33	E	854.93	8"	VCP	SAN–11	863.44	E	PLUGGED	–	–
		SW	855.03	8"	VCP			N	854.1±	–	–
SAN–2	861.76	NW	853.16	8"	VCP	SAN–12	862.16	N	855.10	6"	VCP
		E	850.90	8"	VCP			S	855.06	6"	VCP
		W	850.94	8"	VCP	SAN–13	860.89	W	850.88	8"	VCP
SAN–3	862.86	SE	853.86	8"	VCP			E	850.86	8"	VCP
		N	853.83	8"	VCP	SAN–14	855.87	SW	842.25	8"	VCP
		W	855.56	6"	VCP			S	842.69	8"	VCP
SAN–4	861.95	N	854.14	8"	VCP			NE	842.27	8"	VCP
		S	853.95	8"	VCP	SAN–15	853.64	SW	841.36	8"	VCP
		W	855.25	6"	VCP			NW	850.54	12"	VCP
SAN–5	861.12	S	854.47	8"	VCP			SE	846.65	12"	VCP
		W	854.52	6"	VCP			SE	841.29	12"	VCP
SAN–6	857.04	NE	844.00	8"	VCP			NE	841.24	12"	VCP
		SW	844.04	8"	VCP	SAN–16	853.08	SW	837.56	12"	PVC
		SE	844.26	6"	VCP			NW	838.74	12"	PVC
SAN–7	858.31	NE	844.78	8"	VCP			NE	837.51	15"	AC
		SW	844.85	8"	VCP	SAN–17	853.96	SW	849.36	4"	DI
		E	854.36	4"	PVC			SE	846.86	6"	DI
SAN–8	858.72	NE	845.37	8"	VCP			N	846.81	6"	DI
		E	852.67	4"	DI	SAN–18	856.14	W	845.30	6"	PVC
		S	849.62	8"	VCP			S	845.20	6"	PVC
		S	845.52	8"	VCP						
		SW	845.52	8"	VCP						
		SW	849.82	6"	PVC						
SAN–9	859.09	N	850.91	8"	VCP						
		E	851.69	6"	VCP						
		SE	851.97	6"	DI						
		S	850.97	8"	VCP						
		SW	851.87	6"	DI						
SAN–10	859.04	NW	852.19	6"	DI						
		S	852.29	6"	PVC						

EXISTING BENCHMARKS

BENCH MARK	ELEVATION	DESCRIPTION
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BM–2	856.51	CUT SQUARE ON TOP OF CURB
BM–3	863.82	TOP NUT ON HYDRANT AT SOUTHEAST CORNER OF BARN–4
BM–4	861.53	TOP NUT ON HYDRANT, NORTHEAST OF RESTROOMS BUILDING
BM–5	858.33	TOP NUT ON HYDRANT AT NORTHEAST CORNER OF THE NORTH PARKING LOT
BM–6	852.46	CHISELED SQUARE ON TOP OF WIER

EXISTING STORM SEWER MANHOLES

STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
INL–1	862.00	E	859.15	12"	RCP
STM–1	862.55	W	857.25	12"	RCP
		N	849.68	18"	RCP
STM–2	861.76	S	849.58	24"	RCP
		NE	849.56	18"	RCP

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DRAWN	KM
CHECKED	JL
DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

SITE UTILITY PLAN

SHEET NO.

C501

NO SHEET 4 | 2 | 1

KEY PLAN

0' 10' 20' 40'

Mod Date: JUNE
Plotted: 2013-08-30@08:43
By: MARCUS FINK
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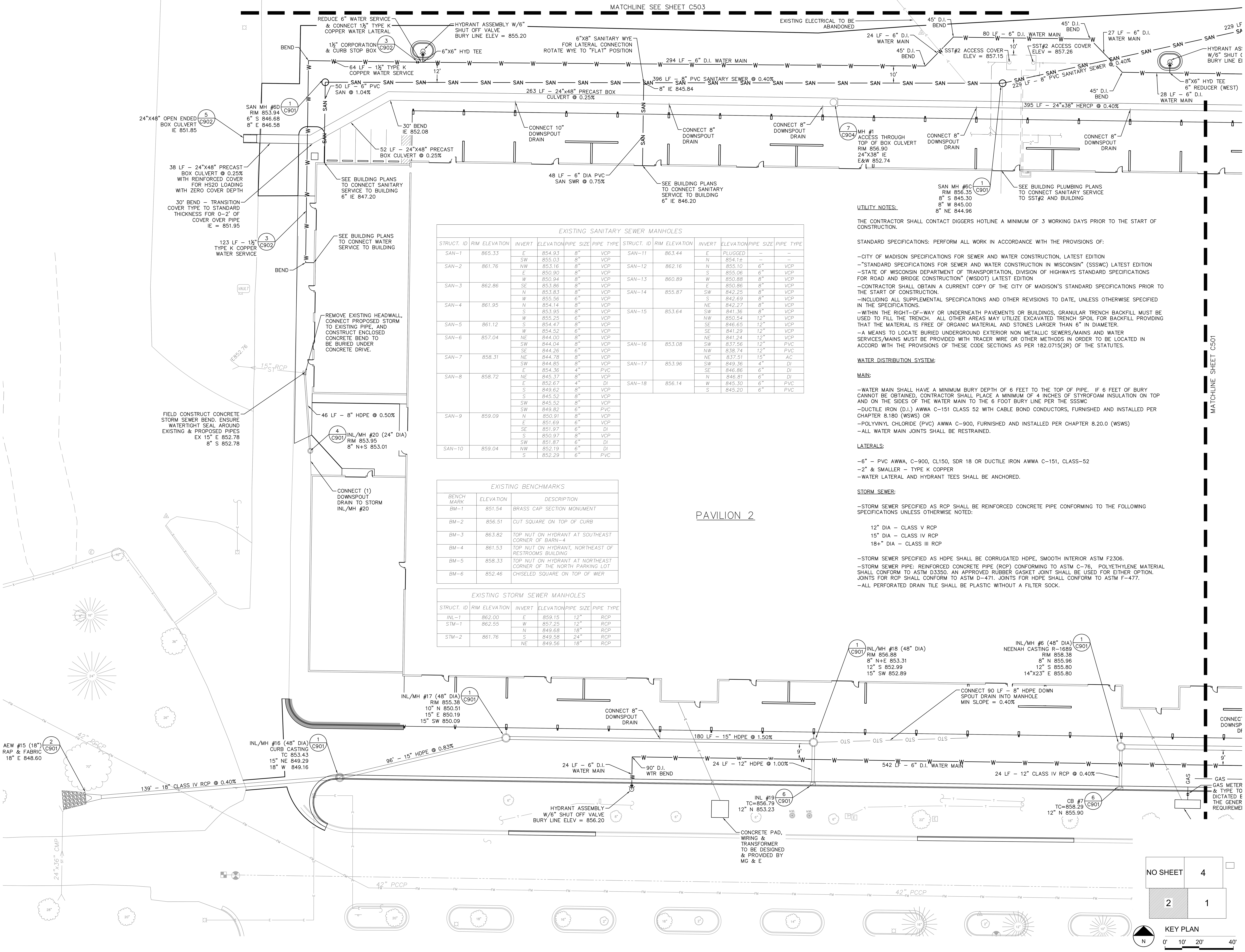
MARCUS FINK 2013-08-28, 3:13 PM P:\2013\13-0027\Cad\Plan Sheets\P-UTILDWG



EXISTING SANITARY SEWER MANHOLES

STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
SAN–1	865.33	E	854.93	8"	VCP
		SW	855.03	8"	VCP
SAN–2	861.76	NW	853.16	8"	VCP
		E	850.90	8"	VCP
		W	850.94	8"	VCP
SAN–3	862.86	SE	853.86	8"	VCP
		N	853.83	8"	VCP
		W	855.56	6"	VCP
SAN–4	861.95	N	854.14	8"	VCP
		S	853.95	8"	VCP
		W	855.25	6"	VCP
SAN–5	861.12	S	854.47	8"	VCP
		W	854.52	6"	VCP
SAN–6	857.04	NE	844.00	8"	VCP
		SW	844.04	8"	VCP
		SE	844.26	6"	VCP
SAN–7	858.31	NE	844.78	8"	VCP
		SW	844.85	8"	VCP
		E	854.36	4"	PVC
SAN–8	858.72	NE	845.37	8"	VCP
		E	852.67	4"	DI
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		S	845.52	8"	VCP
		SW	845.52	8"	VCP
		SW	849.82	6"	PVC
SAN–9	859.09	N	850.91	8"	VCP
		E	851.69	6"	VCP
		SE	851.97	6"	DI
		S	850.97	8"	VCP
		SW	851.87	6"	DI
SAN–10	859.04	NW	852.19	6"	DI
		S	852.29	6"	PVC

STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
SAN–11	863.44	E	PLUGGED	–	–
		N	854.1±	–	–
SAN–12	862.16	N	855.10	6"	VCP
		S	855.06	6"	VCP
SAN–13	860.89	W	850.88	8"	VCP
		E	850.86	8"	VCP
SAN–14	855.87	SW	842.25	8"	VCP
		S	842.69	8"	VCP
		NE	842.27	8"	VCP
SAN–15	853.64	SW	841.36	8"	VCP
		NW	850.54	12"	VCP
		SE	846.65	12"	VCP
		SE	841.29	12"	VCP
		NE	841.24	12"	VCP
SAN–16	853.08	SW	837.56	12"	PVC
		NW	838.74	12"	PVC
		NE	837.51	15"	AC
SAN–17	853.96	SW	849.36	4"	DI
		SE	846.86	6"	DI
		N	846.81	6"	DI
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EXISTING BENCHMARKS

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EXISTING STORM SEWER MANHOLES

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		N	849.68	18"	RCP
STM–2	861.76	S	849.58	24"	RCP
		NE	849.56	18"	RCP

UTILITY NOTES:

THE CONTRACTOR SHALL CONTACT DIGGERS HOTLINE A MINIMUM OF 3 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.

STANDARD SPECIFICATIONS: PERFORM ALL WORK IN ACCORDANCE WITH THE PROVISIONS OF:

–CITY OF MADISON SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION, LATEST EDITION
–"STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN" (SSSWC) LATEST EDITION
–STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (WISDOT) LATEST EDITION
–CONTRACTOR SHALL OBTAIN A CURRENT COPY OF THE CITY OF MADISON'S STANDARD SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION.
–INCLUDING ALL SUPPLEMENTAL SPECIFICATIONS AND OTHER REVISIONS TO DATE, UNLESS OTHERWISE SPECIFIED IN THE SPECIFICATIONS.
–WITHIN THE RIGHT–OF–WAY OR UNDERNEATH PAVEMENTS OR BUILDINGS, GRANULAR TRENCH BACKFILL MUST BE USED TO FILL THE TRENCH. ALL OTHER AREAS MAY UTILIZE EXCAVATED TRENCH SPOIL FOR BACKFILL PROVIDING THAT THE MATERIAL IS FREE OF ORGANIC MATERIAL AND STONES LARGER THAN 6" IN DIAMETER.
–A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED IN ACCORD WITH THE PROVISIONS OF THESE CODE SECTIONS AS PER 182.0715(2R) OF THE STATUTES.

WATER DISTRIBUTION SYSTEM:

MAIN:

–WATER MAIN SHALL HAVE A MINIMUM BURY DEPTH OF 6 FEET TO THE TOP OF PIPE. IF 6 FEET OF BURY CANNOT BE OBTAINED, CONTRACTOR SHALL PLACE A MINIMUM OF 4 INCHES OF STYROFOAM INSULATION ON TOP AND ON THE SIDES OF THE WATER MAIN TO THE 6 FOOT BURY LINE PER THE SSSWC
–DUCTILE IRON (D.I.) AWWA C–151 CLASS 52 WITH CABLE BOND CONDUCTORS, FURNISHED AND INSTALLED PER CHAPTER 8.180 (WSWS) OR
–POLYVINYL CHLORIDE (PVC) AWWA C–900, FURNISHED AND INSTALLED PER CHAPTER 8.20.0 (WSWS)
–ALL WATER MAIN JOINTS SHALL BE RESTRAINED.

LATERALS:

–6" – PVC AWWA, C–900, CL150, SDR 18 OR DUCTILE IRON AWWA C–151, CLASS–52
–2" & SMALLER – TYPE K COPPER
–WATER LATERAL AND HYDRANT TEES SHALL BE ANCHORED.

STORM SEWER:

–STORM SEWER SPECIFIED AS RCP SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO THE FOLLOWING SPECIFICATIONS UNLESS OTHERWISE NOTED:

12" DIA – CLASS V RCP
15" DIA – CLASS IV RCP
18+" DIA – CLASS III RCP

–STORM SEWER SPECIFIED AS HDPE SHALL BE CORRUGATED HDPE, SMOOTH INTERIOR ASTM F2306.
–STORM SEWER PIPE: REINFORCED CONCRETE PIPE (RCP) CONFORMING TO ASTM C–76, POLYETHYLENE MATERIAL SHALL CONFORM TO ASTM D3350. AN APPROVED RUBBER GASKET JOINT SHALL BE USED FOR EITHER OPTION. JOINTS FOR RCP SHALL CONFORM TO ASTM D–471. JOINTS FOR HDPE SHALL CONFORM TO ASTM F–477.
–ALL PERFORATED DRAIN TILE SHALL BE PLASTIC WITHOUT A FILTER SOCK.

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

SITE UTILITY PLAN

SHEET NO.

C502

MARCUS FINK 2013-5-28 3:13 PM P:\2500\2512_ALLIANTEXH\CAD\P-UTIL.DWG
Xref List: BASE 2013027_02-X-TB_30x42 LW 2013027-X-Plan 2013027_01-X-TB_30x42

EXISTING SANITARY SEWER MANHOLES

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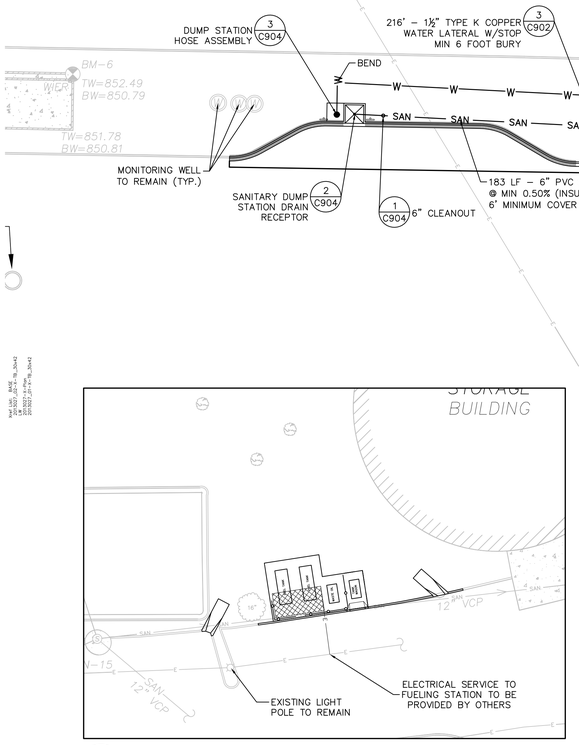

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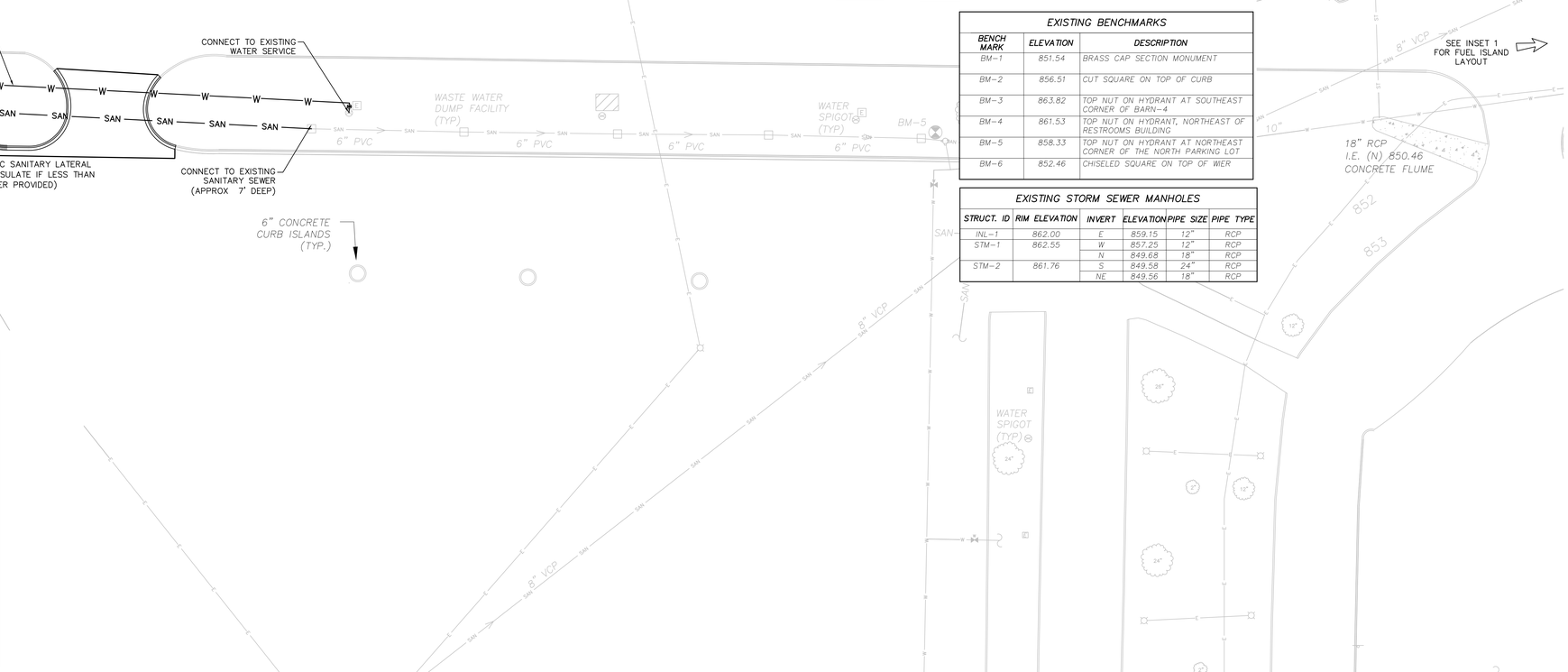

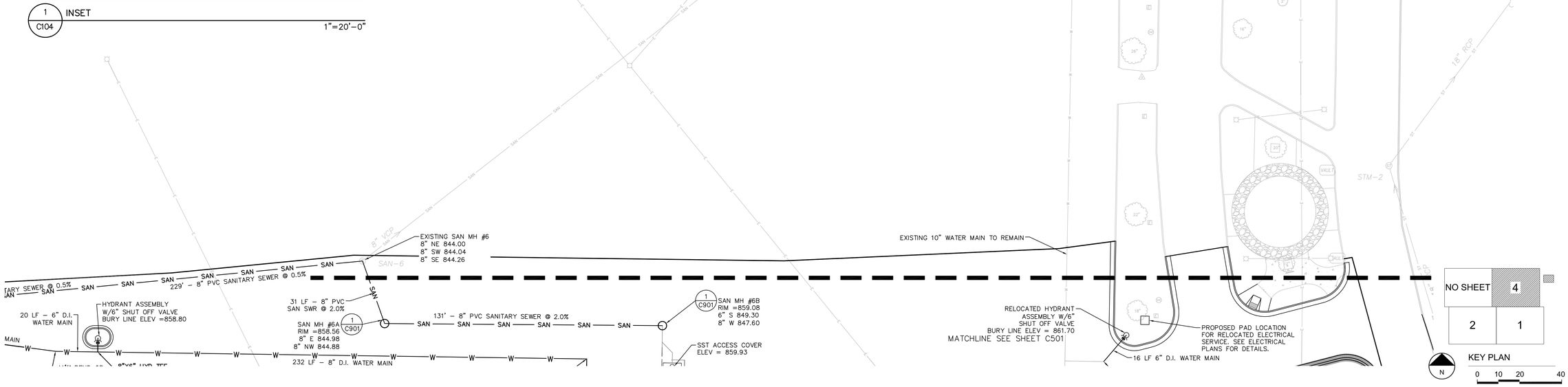

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ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

SITE UTILITY PLAN

SHEET NO.

C504

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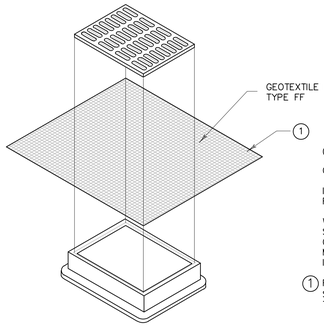


GENERAL NOTES:

CONSTRUCT PER WDNR TECHNICAL STANDARD 1060

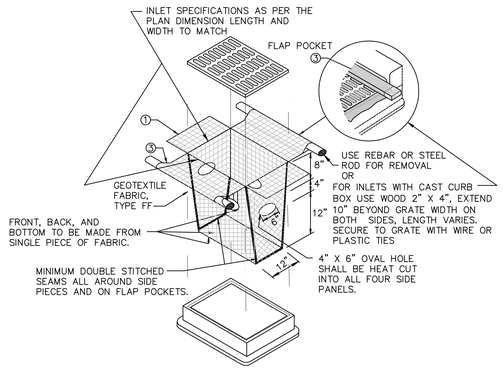
INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY

(1) FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL

6 / C900 — INLET PROTECTION, TYPE B (WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX) SCALE NTS



GENERAL NOTES:

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY

INSTALL ON ALL INLETS GREATER THAN 30" DEEP. USE INLET PROTECTION TYPE B (6/C900) ON SHALLOWER INLETS.

(1) FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL

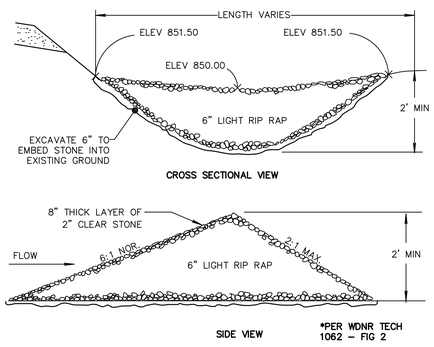
(2) FOR INSTALLATION WITH CURB BOX, AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

(3) FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2x4.

CONSTRUCT PER WDNR TECHNICAL STANDARD 1060.

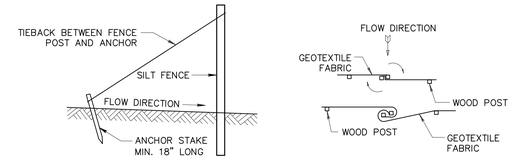
7 / C900 — INLET PROTECTION, TYPE D

SCALE NTS



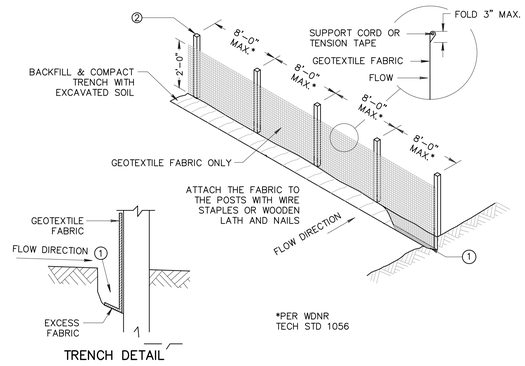
8 / C900 — STONE DITCH CHECK

SCALE NTS



SILT FENCE TIE BACK
(WHEN REQUIRED BY THE ENGINEER)

JOINING TWO LENGTHS OF
SILT FENCE (TWIST METHOD)



*PER WDNR TECH STD 1056

TRENCH DETAIL

GENERAL NOTES:

(1) FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.

(2) WOOD POSTS SHALL BE A MINIMUM SIZE OF 3' LENGTH OF OAK OR HICKORY

(3) ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS

(4) DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

(5) THE MAXIMUM SPACING OF POSTS FOR WOVEN FABRIC SILT FENCE SHALL BE 8 FEET AND FOR NON–WOVEN FABRIC, 3 FEET.

(6) 8" OF FENCE FABRIC REQUIRED BELOW GRADE IN TRENCH PER DNR TECH STD. 1056

(7) MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE WDOT PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

(8) FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

(9) FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2"X4".

(10) EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH WDNR TECHNICAL STANDARD.

(11) CROSS BRACE WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS AS DIRECTED BY THE ENGINEER.

(12) MINIMUM 14 GAUGE WIRE REQUIRED, FOLD FABRIC 3" OVER THE WIRE AND STAPLE OR PLACE WIRE RINGS ON 12" C.C.

(13) WIRE SUPPORT FENCE SHALL BE 14 GAUGE MINIMUM WOVEN WIRE WITH A MAXIMUM MESH SPACING OF 6". SECURE TOP OF GEOTEXTILE FABRIC TO TOP OF FENCE WITH STAPLES OR WIRE RINGS AT 12" C.C. (TYPE B)

(14) GEOTEXTILE FABRIC SHALL BE REINFORCED WITH AN INDUSTRIAL POLYPROPYLENE NETTING WITH A MAXIMUM MESH SPACING OF 3/4" OR EQUAL. A HEAVY DUTY NYLON TOP SUPPORT CORD OR EQUIVALENT IS REQUIRED. (TYPE A)

(15) STEEL POSTS SHALL BE STUDDED "TEE" OR "U" TYPE WITH A MINIMUM WEIGHT OF 1.28 LBS./LIN. FT. (WITHOUT ANCHOR) FIN ANCHORS SUFFICIENT TO RESIST POST MOVEMENT ARE REQUIRED. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1 1/8" X 1 1/8" OF OAK OR HICKORY.

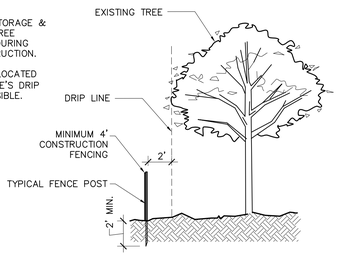
(16) CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL, IF POSSIBLE, BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY, USE ONE OF THE FOLLOWING TWO METHODS: A.) TWIST METHOD –– OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B:) HOOK METHOD –– HOOK THE END OF EACH SILT FENCE LENGTH.

4 / C900 — SILT FENCE

SCALE NTS

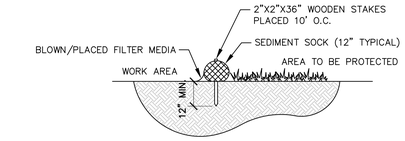
NOTES:
1. NO ENTRY, NO STORAGE & NO TRENCHING IN TREE PROTECTION ZONE DURING ENTIRE SITE CONSTRUCTION.

2. FENCING TO BE LOCATED 2' BEYOND THE TREE'S DRIP LINE WHERE POSSIBLE.

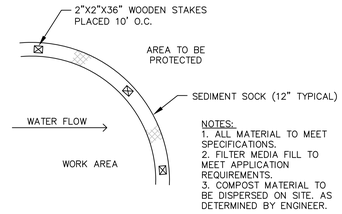


5 / C900 — TREE PROTECTION

SCALE NTS

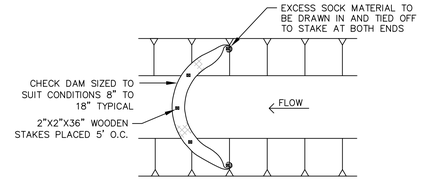


SECTION



NOTES:
1. ALL MATERIAL TO MEET SPECIFICATIONS.
2. FILTER MEDIA FILL TO MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

PLAN – NON–CHANNEL

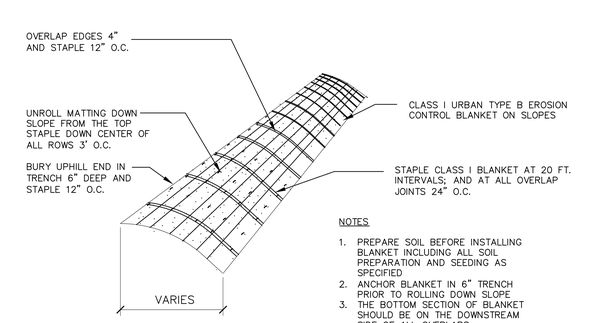


PLAN – CHANNEL

NOTES:
1. ALL MATERIAL TO MEET SPECIFICATIONS.
2. SEDIMENT SHOULD BE REMOVED FROM BEHIND CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS REACHED ½ THE HEIGHT OF THE CHECK DAM.
3. CHECK DAM CAN BE DIRECT SEEDED AT THE TIME OF INSTALLATION.
4. CONSTRUCT PER WDNR TECHNICAL STANDARD 1071.

1 / C900 — SEDIMENT SOCK

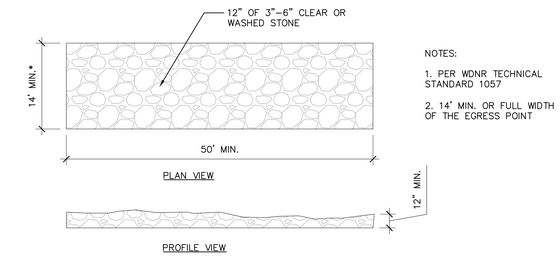
SCALE NTS



NOTES
1. PREPARE SOIL BEFORE INSTALLING BLANKET INCLUDING ALL SOIL PREPARATION AND SEEDING AS SPECIFIED
2. ANCHOR BLANKET IN 6" TRENCH PRIOR TO ROLLING DOWN SLOPE
3. THE BOTTOM SECTION OF BLANKET SHOULD BE ON THE DOWNSTREAM SIDE OF ALL OVERLAPS
4. CONSTRUCT PER WDNR TECHNICAL STANDARD 1052

2 / C900 — EROSION CONTROL MAT

SCALE NTS



NOTES:
1. PER WDNR TECHNICAL STANDARD 1057
2. 14' MIN. OR FULL WIDTH OF THE EGRESS POINT

3 / C900 — TRACKING PAD

SCALE NTS

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REVISIONS	
DRAWN	AO
CHECKED	JL
DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

DETAILS - EROSION CONTROL

SHEET NO.

C900

Leaf Unit: 19-047AL3_3d.rvt
2013027-01.dwg

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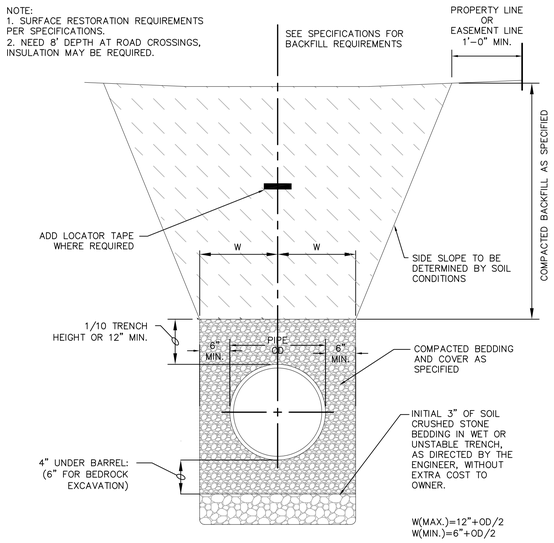
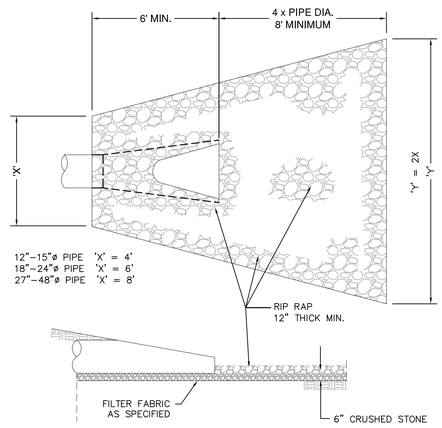


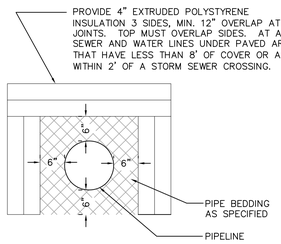
5 C901 STORM SEWER & BEDDING & TRENCH SECTION

SCALE NTS



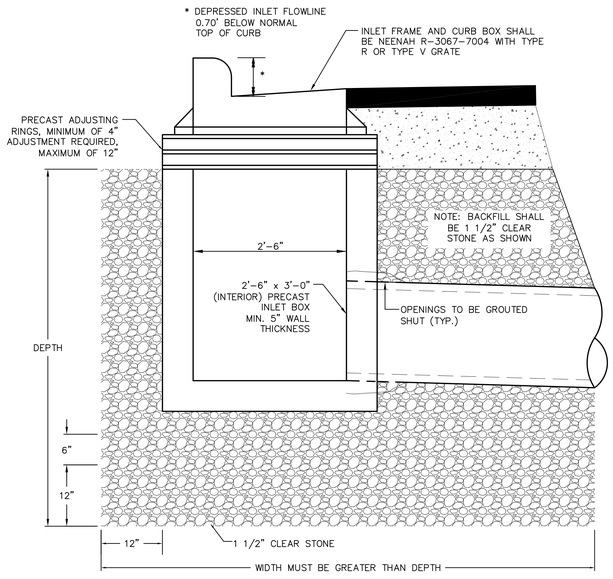
2 C901 ENDWALL RIP RAP DETAIL

SCALE NTS



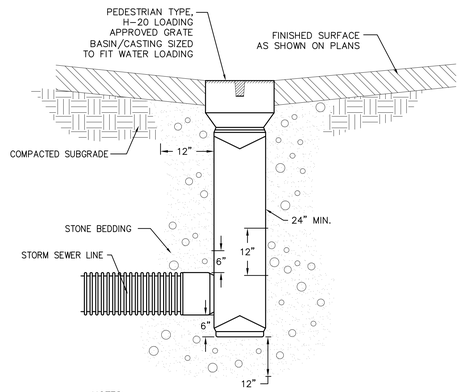
3 C901 PIPE INSULATION DETAIL

SCALE NTS



6 C901 TYPE "H" INLET

SCALE NTS



NOTES:
– SEE SITE GRADING PLAN FOR GRATE AND OUTLET PIPE ELEVATIONS
– SEE MANUFACTURER'S SPECIFICATIONS FOR PROPER BASIN INSTALLATION

4 C901 PVC FIELD INLET

NTS

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL MANHOLES SHALL HAVE NEENAH R–1550 TYPE B NON–ROCKING COVERS. STORM SEWER MANHOLE COVERS SHALL HAVE THE WORDS "STORM SEWER" CAST INTO THE LID IN 3" HIGH RAISED LETTERS. SANITARY SEWER MANHOLES SHALL HAVE RUBBER BOOTS INSTALLED FOR ALL PIPE CONNECTIONS.

ALL MANHOLE CASTINGS SHALL BE PLACED ON EXTENSION RINGS THAT SHALL HAVE AN OVERALL THICKNESS OF 6" MINIMUM AND 18" MAXIMUM. IF EXTENSIONS ARE TO BE GREATER THAN 18", A NEW MANHOLE SECTION SHALL BE PLACED UNDER THE CONE SECTION.

PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED CONE TOPS (ECCENTRIC OR CONCENTRIC) MAY BE USED ON CONCRETE BLOCK STRUCTURES. THE CONE TOPS SHALL BE INSTALLED ON A BED OF MORTAR.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES, AND CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS CONFORMING TO AASHTO M 199 SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH.

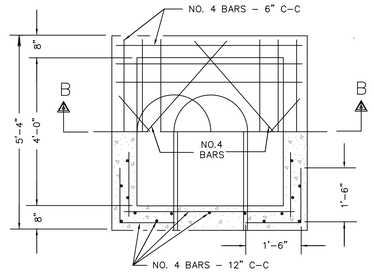
SOLID ALUMINUM STEPS SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 0.75 INCH. ALUMINUM SURFACES TO BE EMBEDDED IN CONCRETE SHALL BE GIVEN ONE COAT OF SUITABLE QUALITY PAINT, SUCH AS ZINC CHROMATE PRIMER CONFORMING TO FEDERAL SPECIFICATION TT–P–645 OR EQUIVALENT.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED CONCRETE RISERS MAY BE PLACED WITH TONGUE UP OR DOWN.

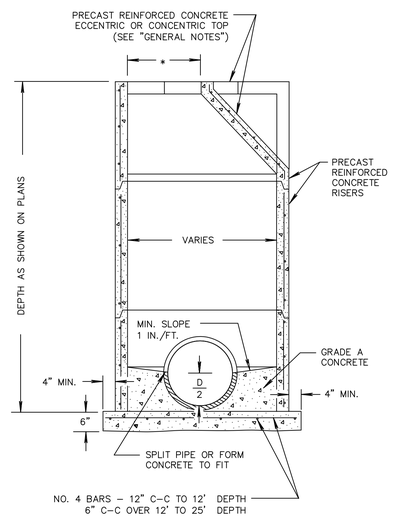
ALL PRECAST INLET UNITS AND MANHOLES SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.

*USE 2'–0" DIAMETER OPENING WITH TYPE "B", "L" AND "J" COVERS, OR 3'–0" DIAMETER WITH TYPE "K" AND "M" COVERS.

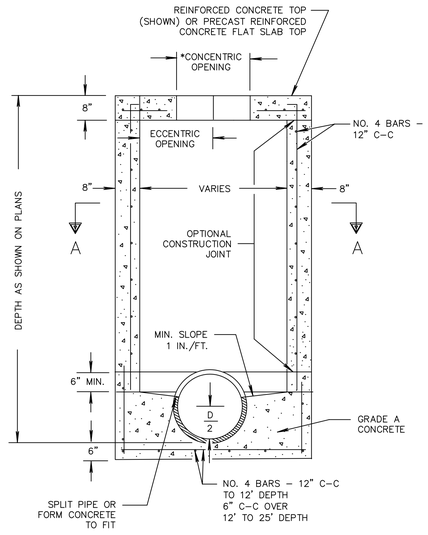


HALF SECTION A–A

CASTING TYPE (NEENAH OR EQUAL)	
STM R1550	TYPE B OPEN GRATE
SAN R1550	TYPE B CLOSED GRATE
STM R1689	TYPE B LOW RISE OPEN GRATE



PRECAST REINFORCED CONCRETE



SECTION B–B

REINFORCED CONCRETE

1 C901 MANHOLE

SCALE NTS

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DRAWN	AO
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PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

DETAILS - UTILITIES

SHEET NO.

C901

Ref Url: 19-047A01_3d.rvt
20120211-1-Plan

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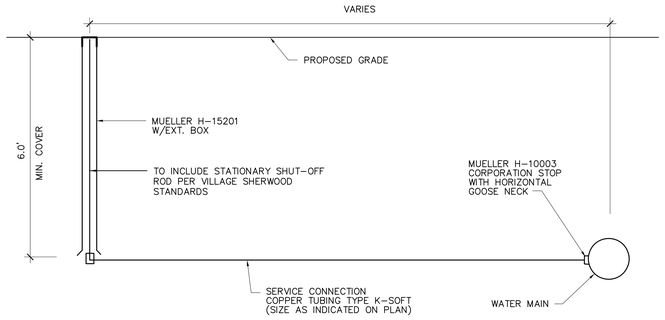
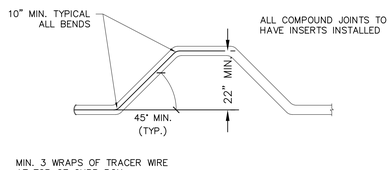
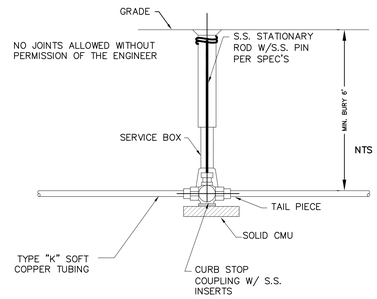
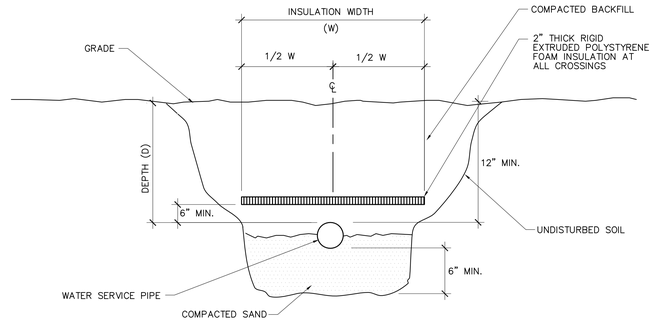






NOTES:

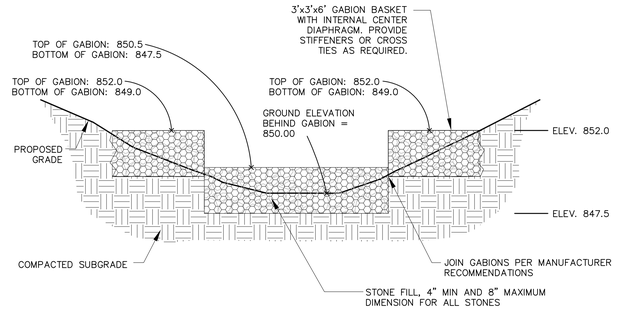
1. MAINTAIN 6.0' MIN. COVER OVER ENTIRE INSTALLATION.
2. ALL FITTINGS SHALL CONFORM TO A.W.W.A. STDS.
3. ALL COPPER COUPLINGS TO BE FLARED OR COMPRESSION JOINT
4. ALL TAPS TO BE MADE "LIVE" AND BE AT LEAST 18" APART
5. ALL COPPER TUBING BENDS TO HAVE SMOOTH RADII
6. SERVICE LATERALS SHALL BE TESTED AT SAME TIME AS MAINLINE TESTING IS DONE
7. WHERE TOP OF WATER SERVICE PIPE IS LOCATED LESS THAN 6'-0" BELOW THE GROUND SURFACE, PROVIDE INSULATION AS SHOWN ON DETAIL AND BY SCHEDULE BELOW.



SERVICE PIPE	CURB STOP	SERVICE BOX
1"	1"	2-1/2"
1-1/2"	1-1/2"	3"
2"	2"	3"
3"	3"	3"

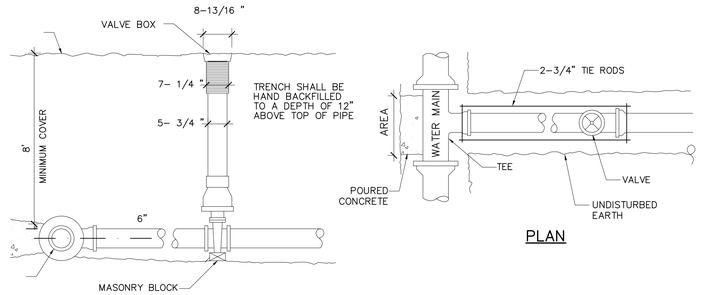
WATER SERVICE DEPTH (D)	2'-0"	2'-6"	3'-0"	3'-6"	4'-0" TO 6'-0"	MORE THAN 6'-0"
INSULATION WIDTH (W)	8'-0"	7'-0"	6'-0"	5'-0"	4'-0"	0'-0"

3 C902 WATER SERVICE INSTALLATION



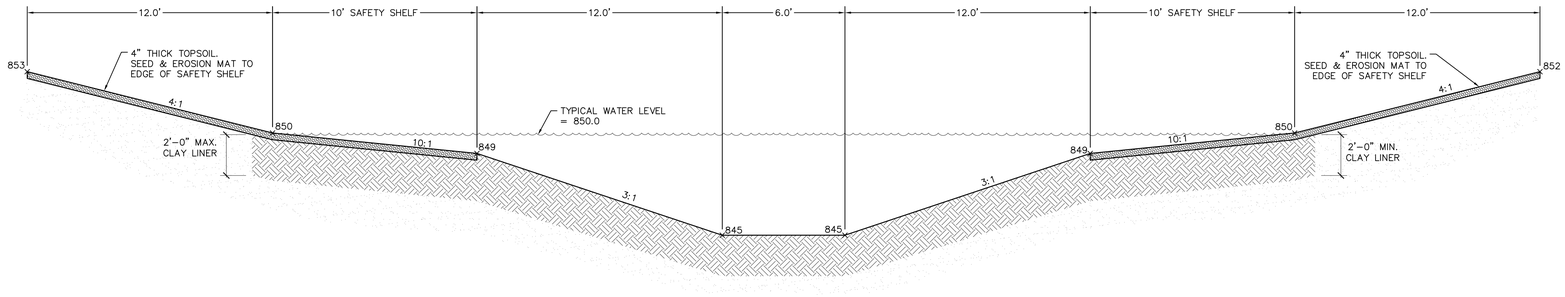
1 C902 GABION OUTLET CONTROL STRUCTURE (FOREBAY)

SCALE NTS



2 C902 WATER VALVE

SCALE NTS



4 C902 TYPICAL POND CROSS SECTION

SCALE NTS

CLAY LINER SPECIFICATIONS (TYP.)

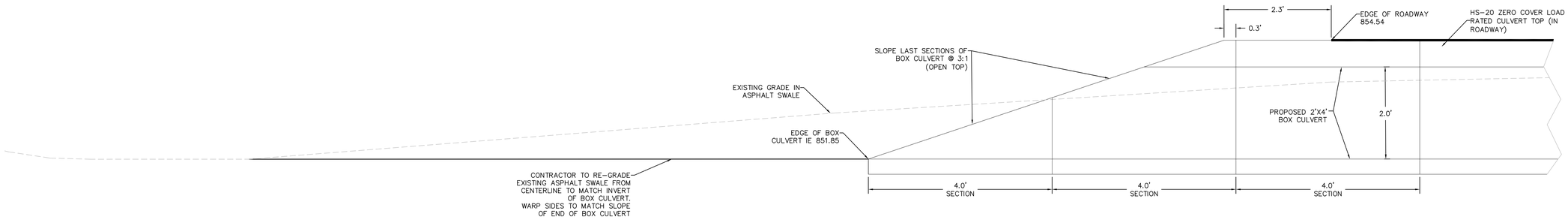
LINER THICKNESS = 2 FEET
IN PLACE HYDRAULIC CONDUCTIVITY = 1 X 10-7 CM/SEC OR LESS
MINIMUM OF 50% BY WEIGHT WHICH PASSES THE 200 SIEVE.
AVERAGE LIQUID LIMIT OF 25 OR GREATER, NONE LESS THAN 20.
AVERAGE PLASTICITY INDEX OF 12 OR GREATER, NONE LESS THAN 10.

ALL CLAY LAYERS IN THE LINER TO BE CONSTRUCTED IN LIFT HEIGHTS NO GREATER THAN 6 INCHES AFTER COMPACTION USING FOOTED COMPACTION EQUIPMENT HAVING FEET AT LEAST AS LONG AS THE LOOSE LIFT HEIGHT. CLAY IS TO BE DISKED OR OTHERWISE MECHANICALLY PROCESSED BEFORE COMPACTION TO BREAK UP CLODS AND ALLOW FOR MOISTURE ADJUSTMENT. CLOD SIZE TO BE NO GREATER THAN 4 INCHES.

A SUFFICIENT NUMBER OF PASSES OF THE COMPACTION EQUIPMENT IS TO BE MADE OVER EACH LIFT OF CLAY TO ENSURE COMPLETE REMOLDING OF THE CLAY.

ALL CLAY TO BE COMPACTED TO 90% MODIFIED OR 95% STANDARD PROCTOR DENSITY AT A MOISTURE CONTENT OF AT LEAST 2% WET OF OPTIMUM IF USING THE MODIFIED PROCTOR METHOD AND WET OF OPTIMUM IF USING THE STANDARD PROCTOR METHOD, BASED ON THE CHARACTERISTICS OF THE APPROPRIATE PROCTER CURVE FOR THE CLAY BEING PLACED. THE CLAY LINER IS TO BE KEYED TOGETHER TO FOR A CONTINUOUS CLAY SEAL.

CLAY LINER SHALL BE PLACED OVER NATIVE SOILS THAT DO NOT SATISFY THE CLAY LINER SPECIFICATIONS. A GEOTECHNICAL ENGINEER SHALL DETERMINE WHICH SOILS DO NOT SATISFY THE CLAY LINER SPECIFICATIONS. THE GEOTECHNICAL ENGINEER SHALL INSPECT SOILS WITHIN THE PERMANENT POOL AND UP TO ELEVATION 853. UPON COMPLETION OF THE LINER, A GEOTECHNICAL ENGINEER REGISTERED IN WISCONSIN SHALL PROVIDE A LETTER OF OPINION INDICATING IF THE CLAY LINER SATISFIES THESE SPECIFICATIONS.



5 C902 BOX CULVERT END SECTION DETAIL

SCALE NTS

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PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

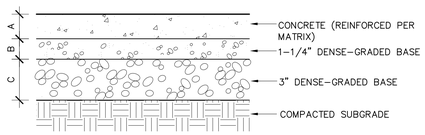
DETAILS

SHEET NO.

C902

AARON O'KEEFE 2013-9-29 10:13 AM P:\2500\2512_ALLIANTEXHCAD\P-D.DWG

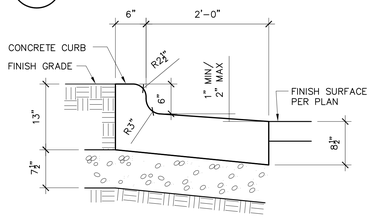
PAVEMENT TYPE	CONCRETE THICKNESS (A)	BASE THICKNESS (B)	SUBBASE THICKNESS (C)
TYPE 1 CONCRETE PAVEMENT – PEDESTRIAN LOAD	4"	6"	0"
TYPE 2 CONCRETE PAVEMENT – EXPOSED AGGREGATE	4"	6"	0"
TYPE 3 CONCRETE PAVEMENT – VEHICULAR LOAD	6" FIBER REINFORCED	4"	8"



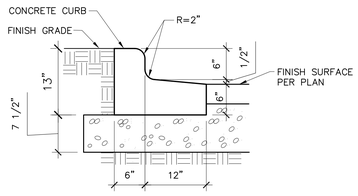
NOTES:
1. MEDIUM BROOM FINISH, PERPENDICULAR TO DIRECTION OF TRAVEL, UNLESS OTHERWISE STATED
2. PROVIDE EXPANSION JOINTS 30' ALL WAYS, MINIMUM
3. STANDARD COLOR CONCRETE AND EXPOSED AGGREGATE

10 C903 CONCRETE PAVEMENT

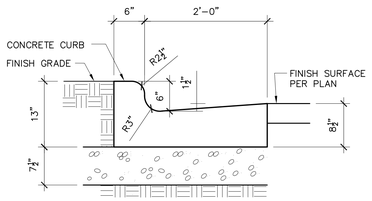
SCALE NTS



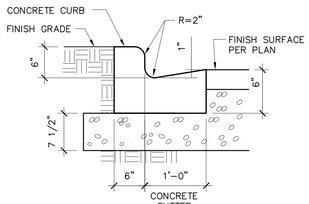
30" TYPE 'A' REJECT CONCRETE CURB & GUTTER



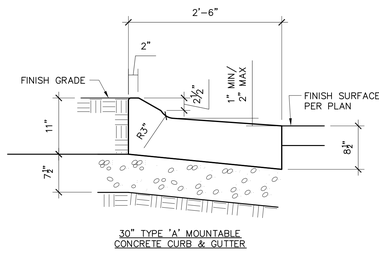
18" VERTICAL FACE REVERSE PAN CURB & GUTTER



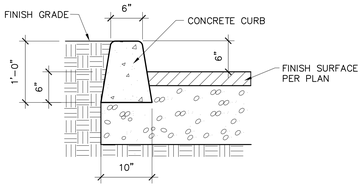
30" TYPE 'A' CONCRETE CURB & GUTTER



18" VERTICAL FACE CURB & GUTTER



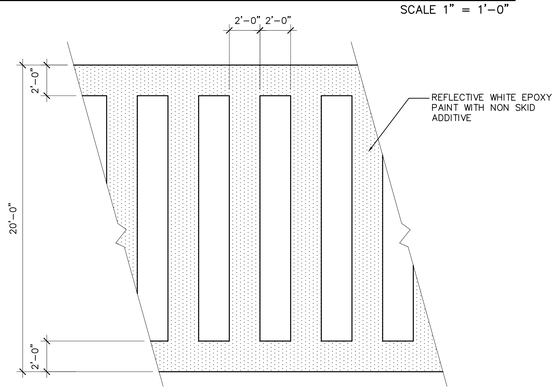
30" TYPE 'A' MOUNTABLE CONCRETE CURB & GUTTER



6" CURB HEAD

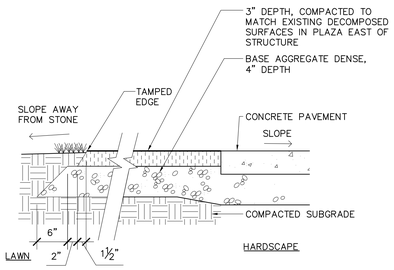
11 C903 CONCRETE CURB

SCALE 1" = 1'–0"



12 C903 CROSSWALK STRIPING

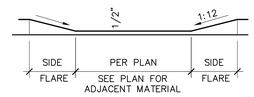
SCALE 1/2" = 1'–0"

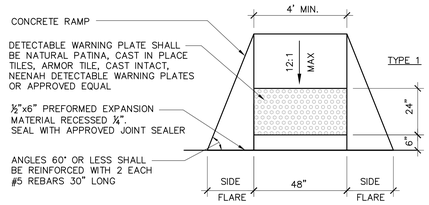


6 C903 GRAVEL SURFACING

SCALE 1" = 1'–0"

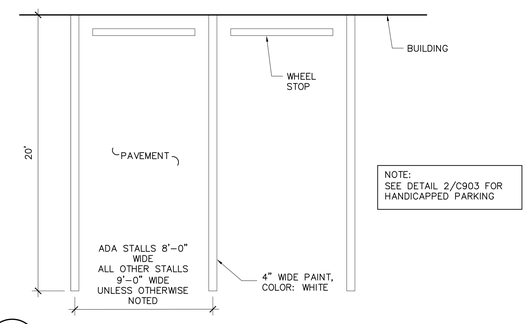
NOTES:
1. NO MASONITE TO BE USED FOR FORMS
2. SIDEWALK TO BE THOROUGHLY SPADED
3. EXPANSION MATERIAL SHALL NOT BE USED AS FORMS





7 C903 ACCESSIBLE RAMP

SCALE NTS

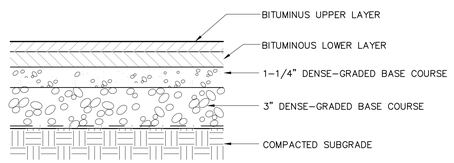


NOTE:
SEE DETAIL 2/C903 FOR HANDICAPPED PARKING

8 C903 PARKING STRIPING (BY OWNER)

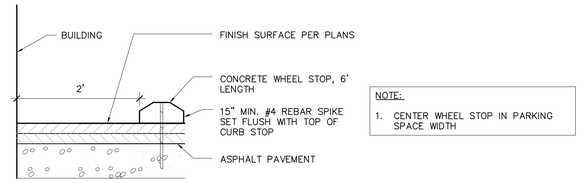
SCALE NTS

MATERIAL	TYPE 1	TYPE 2
BITUMINOUS UPPER LAYER	1.75"	1.5"
BITUMINOUS LOWER LAYER	2.25"	1.5"
1–1/4" DENSE–GRADED BASE COURSE	3"	3"
3" DENSE–GRADED BASE COURSE	8"	6"
TOTAL THICKNESS	15"	12"



9 C903 ASPHALT PAVEMENT

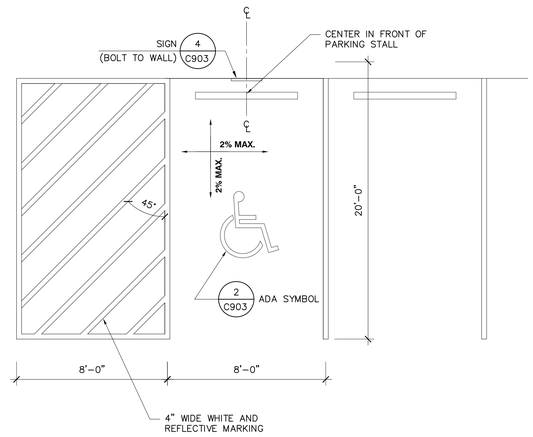
SCALE NTS



NOTE:
1. CENTER WHEEL STOP IN PARKING SPACE WIDTH

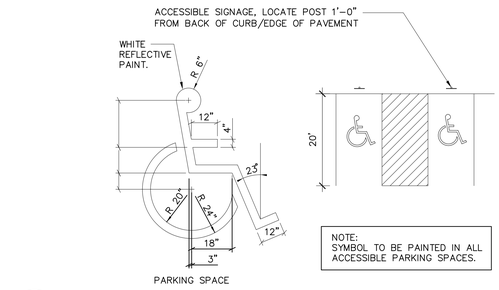
1 C903 WHEEL STOP

SCALE 1" = 1'–0"



2 C903 HANDICAPPED PARKING (BY OWNER)

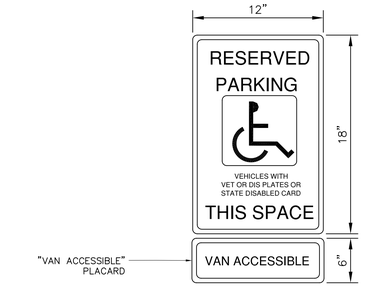
SCALE NTS



NOTE:
SYMBOL TO BE PAINTED IN ALL ACCESSIBLE PARKING SPACES.

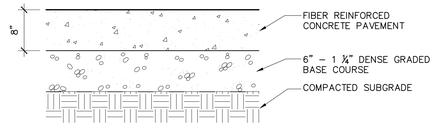
3 C903 ADA SYMBOL (BY OWNER)

SCALE NTS



4 C903 HANDICAPPED PARKING SIGN (BY OWNER)

SCALE NTS



5 C903 CONCRETE PAD

SCALE NTS

STRANG

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INTERIOR DESIGN

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FILE NAME	P-D.DWG
REVISIONS	
DRAWN	AO
CHECKED	JL
DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

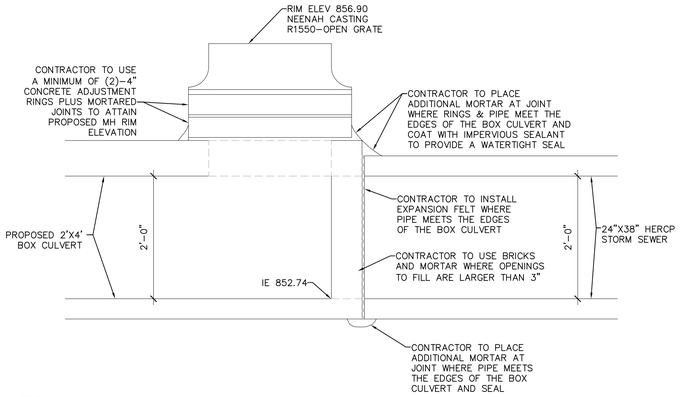
SHEET TITLE

DETAILS

SHEET NO.

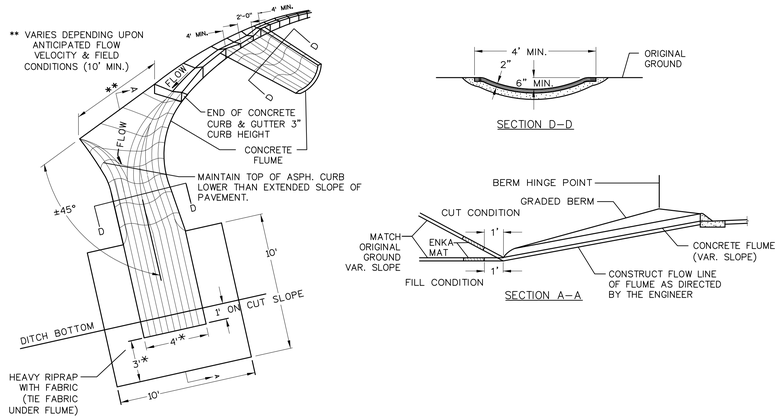
C903

Half Unit: 11=24"x36", 22=30"x42"
2013-07-11 at Plan
AARON O'KEEFE 2013-5-29 10:13 AM P:\2500\2513_ALLIANTE\ARCH\DP-D.DWG



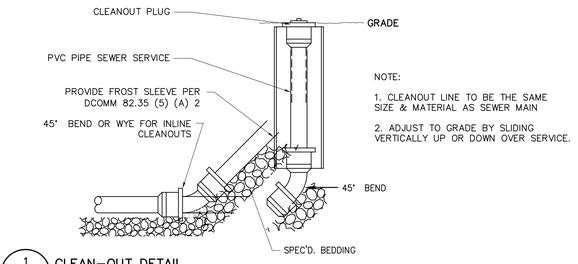
7 C904 BOX CULVERT MH #1 ACCESS COVER

SCALE NTS



4 C904 CONCRETE FLUME

SCALE NTS



NOTE:

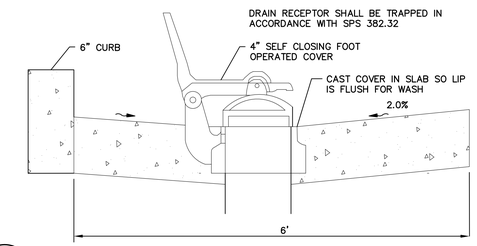
1. CLEANOUT LINE TO BE THE SAME SIZE & MATERIAL AS SEWER MAIN
2. ADJUST TO GRADE BY SLIDING VERTICALLY UP OR DOWN OVER SERVICE.

1 C904 CLEAN–OUT DETAIL

SCALE NTS

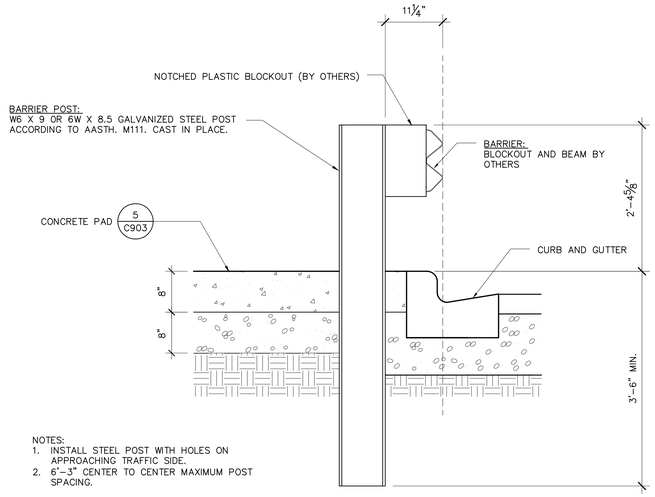
NOTE:

DRAIN RECEPTOR SHALL BE TRAPPED IN ACCORDANCE WITH SPS 382.32



2 C904 FOOT OPERATED 4" RECEPTOR DETAIL

SCALE NTS

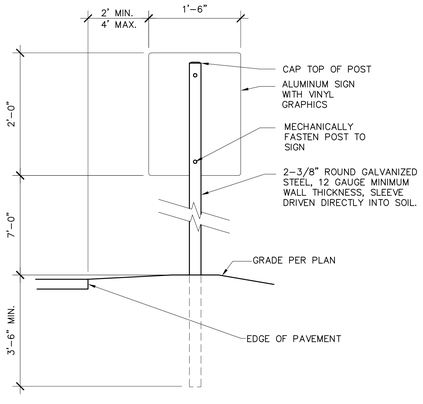


NOTES:
1. INSTALL STEEL POST WITH HOLES ON APPROACHING TRAFFIC SIDE.
2. 6'–3" CENTER TO CENTER MAXIMUM POST SPACING.

SCALE NTS

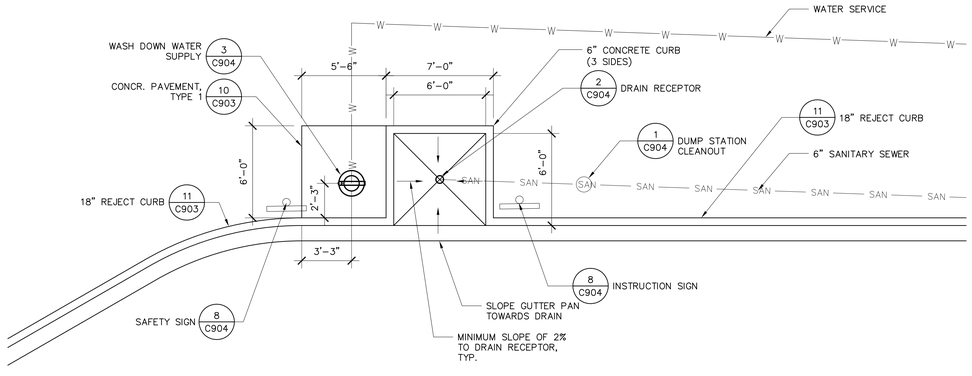
5 C904 STEEL BARRIER POST

SCALE NTS



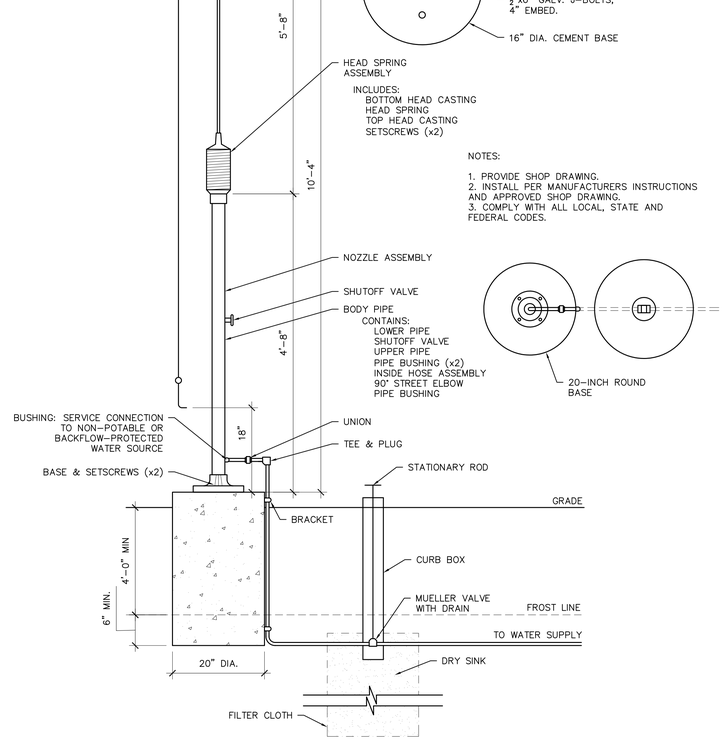
8 C904 SIGN

SCALE NTS



6 C904 SANITARY DUMP STATION

SCALE NTS



BASE MOUNT PLAN

NOTES:

1. PROVIDE SHOP DRAWING.
2. INSTALL PER MANUFACTURERS INSTRUCTIONS AND APPROVED SHOP DRAWING.
3. COMPLY WITH ALL LOCAL, STATE AND FEDERAL CODES.

3 C904 WASH DOWN WATER SUPPLY

SCALE: NTS

DANGER
UNSAFE WATER

USE THIS HOSE ONLY TO FLUSH HOLDING TANK AND THE DRAIN RECEPTOR

SAFETY SIGN

TRAILERS
HOLDING TANK DISPOSAL INSTRUCTIONS

CONNECT YOUR HOSE TO HOLDING TANK, PLACE END SECURELY IN DRAIN HATCH WHILE HOLDING COVER OPEN WITH FOOT. OPEN TRAILER WASTE VALVE. FLUSH AWAY ANY SPILLAGE ON CONCRETE INTO DRAIN.

INSTRUCTION SIGN

STRANG

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ENGINEERING
INTERIOR DESIGN

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ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

DETAILS

SHEET NO.

C904

Last Upd: 19-STRAG_3d.rvt
2013-07-29 10:13 AM
AARON O'KEEFE
P:\2500\2512_ALLIANTEXH\CAD\P-D.DWG

STRUCTURAL GENERAL NOTES & STRUCTURAL STANDARD ABBREVIATIONS

1) THESE NOTES SUPPLEMENT THE SPECIFICATIONS. PROJECT SPECIFICATIONS CONTAIN ADDITIONAL INFORMATION AND CLARIFICATIONS. IN CASE OF CONFLICT BETWEEN PROJECT SPECIFICATIONS AND THESE NOTES, THESE NOTES SHALL GOVERN.

2) GOVERNING BUILDING CODE: 2009 IBC AS AMENDED BY THE STATE OF WISCONSIN.

3) BUILDING OCCUPANCY CATEGORY — — — — III

4) DESIGN LOADS

ROOF
- LIVE LOAD (MINIMUM) — — — — 20 PSF
- SUPERIMPOSED DEAD LOAD (PER MTL BLDG MFR)

SNOW LOADS
- GROUND SNOW (P_g) — — — — 30 PSF
- IMPORTANCE FACTOR (I_s) — — — — 1.1
- EXPOSURE FACTOR (C_e) — — — — 1.0
- THERMAL FACTOR (C_t) FOR BUILDING 1 & PREFUNCTION — — — — 1.0
- THERMAL FACTOR (C_t) FOR BUILDING 2 — — — — 1.2
- BASE ROOF SNOW LOAD FOR BUILDING 1 & PREFUNCTION — — — — 23.1 PSF
- BASE ROOF SNOW LOAD FOR BUILDING 2 — — — — 27.7 PSF

WIND LOADS
- BASIC WIND SPEED — — — — 90 MPH
- IMPORTANCE FACTOR (I_W) — — — — 1.15
- EXPOSURE CATEGORY — — — — C
- METHOD 1 DESIGN WIND PRESSURE FOR MWFRS (P_s) INTERIOR ZONE — — 14.6 PSF
- METHOD 1 DESIGN WIND PRESSURE FOR MWFRS (P_s) END ZONE — — 21.9 PSF

SEISMIC LOADS
- SITE CLASS — — — — C
- SHORT PERIOD SPECTRAL RESPONSE COEFFICIENT (S_{DS}) — — — — 0.092
- LONG PERIOD SPECTRAL RESPONSE COEFFICIENT (S_{D1}) — — — — 0.052
- SEISMIC IMPORTANCE FACTOR (I) — — — — 1.25
- SEISMIC DESIGN CATEGORY — — — — A

5) FOUNDATIONS AND EARTHWORK

REFERENCE PROJECT SOILS REPORT PREPARED BY CGC, INC #C13078, 4/15/13 FOR GENERAL INFORMATION, SPECIFIC RECOMMENDATIONS AND REQUIREMENTS PERTAINING TO THE SITE. ALL ACTIVITIES CONCERNING PREPARATION AND VERIFICATION OF BEARING SOILS FOR SLAB-ON-GRADE AND FOOTINGS SHALL BE SUPERVISED AND APPROVED BY A QUALIFIED GEOTECHNICAL ENGINEER

SOIL DESIGN INFORMATION
- ALLOWABLE SOIL BEARING PRESSURE — — — — 3,000 PSF
- SOIL UNIT WEIGHT — — — — 100 PCF
- MODULUS OF SUBGRADE REACTION — — — — 75 PCI
- COEFFICIENT OF FRICTION (SOIL/CONCRETE) — — — — 0.40

REMOVE EXISTING SURFICIAL TOP SOIL AND VEGETATION FROM WITHIN THE BUILDING AREA AND A MINIMUM TEN FEET BEYOND. EXCAVATE MATERIAL TO PROPOSED SLAB-ON-GRADE SUBGRADE. PROOFROLL WITH A HEAVY RUBBER TIRED VEHICLE. SOILS WHICH HEAVE, PUMP, OR DO NOT READILY COMPACT SHALL BE EXCAVATED AND REPLACED WITH ENGINEERED FILL.

SUBGRADE PREPARATION FOR FOOTINGS SHALL CONSIST OF EXCAVATION TO REQUIRED ALLOWABLE BEARING CAPACITY SOILS AT OR NEAR DESIGN FOOTING ELEVATIONS. WHERE UNSUITABLE SOIL IS ENCOUNTERED AT NOMINAL FOOTING DEPTH SEE OVER EXCAVATION DETAIL.

ALL COMPACTION REQUIREMENTS REFER TO % OF MAXIMUM DRY DENSITY PER ASTM-D1557 MODIFIED PROCTOR. GRANULAR STRUCTURAL FILL SHALL BE PLACED IN NO MORE THAN 8" LAYERS COMPACTED TO 95%. ALTERNATIVELY, FILL MAY CONSIST OF APPROVED COHESIVE SOILS PLACED IN NO MORE THAN 8" LAYERS COMPACTED TO 95%. MOISTURE CONDITION FILL MATERIAL AS REQUIRED TO OBTAIN PROPER COMPACTION. COHESIVE SOILS OR GRANULAR SOILS WITH A SIGNIFICANT PERCENT OF COHESIVE FINES SHALL BE CONDITIONED TO WITHIN 3% OF OPTIMUM MOISTURE CONTENT AT COMPACTION.

6) CONCRETE

MINIMUM 28 DAY COMPRESSIVE STRENGTH (F'c)
- FOOTINGS — — — — 3,000 PSI
- PIERS, WALLS — — — — 3,000 PSI
- SLAB-ON-GRADE (INTERIOR) — — — — 3,500 PSI
- SLAB-ON-GRADE (EXTERIOR) — — — — 4,500 PSI
- TOPPING ON PRECAST PLANK — — — — 4,000 PSI

COVER ON MILD STEEL REINFORCEMENT (UNLESS NOTED OTHERWISE)
- CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH — — — 3"
- CONCRETE EXPOSED TO EARTH OR WEATHER
  - #5 BARS AND SMALLER — — — — 1 1/2"
  - #6 BARS AND LARGER — — — — 2"
- CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND — — — 1"

CONCRETE REINFORCEMENT YIELD STRENGTH (FY)
- ALL DEFORMED MILD STEEL — — — — 60,000 PSI
- WELDED WIRE FABRIC — — — — 65,000 PSI

DESIGN OF CONCRETE BASED ON THE 2005 EDITION OF THE ACI 318 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE

7) STRUCTURAL STEEL

SHAPE AND YIELD STRENGTH (Fy)
- WF AND WT (A992, Fu=65 KSI) — — — — 50 KSI
- HSS (A500, GRADE B, Fu=50 KSI) — — — — 46 KSI
- ANGLES, CHANNELS, PLATES (A36, Fu=58 KSI) — — — — 36 KSI

CONNECTORS
- ANCHOR RODS — — — — F1554 WITH S1 SUPPLEMENT, GRADE [36, 55, 105]
- HIGH STRENGTH BOLTS — — — — 3/4" OR 7/8" A325/F1852
- WELDING ELECTRODES — — — — E70

DESIGN OF STRUCTURAL STEEL BASED ON THE THIRTEENTH EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTION

ALL STEEL TO STEEL FRAMING SHALL USE STANDARD FRAMED CONNECTIONS - DOUBLE CLIP ANGLES WELDED TO BEAM AND BOLTED TO GIRDER OR COLUMN - UNLESS NOTED OTHERWISE. CONNECTIONS SHALL BE SYMMETRICAL ABOUT BEAM WEB. SINGLE PLATE SHEAR TABS MAY BE USED IN PLACE OF STANDARD FRAMED CONNECTIONS IF AND ONLY IF ONE OF THE FOLLOWING CONDITIONS IS MET:
- CONNECTION IS SPECIFICALLY DETAILED AS A SINGLE PLATE SHEAR TAB, OR
- CONNECTION OF BEAM TO ONE SIDE OF A GIRDER IS MATCHED BY SIMILAR CONNECTIONS AT SIMILAR SPACING ON THE OPPOSITE SIDE OF THE SAME GIRDER

DESIGN ALL CONNECTIONS FOR LOADS GIVEN, OR AS FOLLOWS:
- NON-COMPOSITE BEAMS:
  - CONNECTION SHALL SUPPORT 55% OF THE TOTAL UNIFORM LOAD CAPACITY FOR THE GIVEN MEMBER, SPAN AND GRADE OF STEEL.

8) GENERAL

PROPRIETARY EQUIPMENT DIMENSIONAL REQUIREMENTS SHALL BE VERIFIED WITH MANUFACTURER PRIOR TO FABRICATION AND ERECTION OF SUPPORTING STRUCTURE.

VERIFY OPENINGS THROUGH FLOOR AND WALLS WITH ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL REQUIREMENTS. CHANGES IN SIZE, LOCATION OR NUMBER OF OPENINGS SHOWN ON THE STRUCTURAL DRAWINGS SHALL NOT BE PERMITTED WITHOUT WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER. NOT ALL OPENINGS ARE SHOWN ON THE STRUCTURAL DRAWINGS.

ABBREVIATIONS

ADTL — ADDITIONAL
ADTL — ADDITIONAL
ADJ — ADJACENT
AGG — AGGREGATE
ABC — AGGREGATE BASE COURSE
ATWA — ALL THE WAY AROUND
ALT — ALTERNATE
AB — ANCHOR BOLT
APPROX — APPROXIMATELY
ARCH — ARCHITECT(URAL)
BM — BEAM
BRG — BEARING
BFF — BELOW FINISH FLOOR
BTWN — BETWEEN
BIT — BITUMINOUS
B — BOTTOM
BC — BOTTOM CHORD
BOC — BOTTOM OF CONCRETE
BOF — BOTTOM OF FOOTING
BOS — BOTTOM OF STEEL
BLDG — BUILDING
CANT — CANTILEVER
CIP — CAST-IN-PLACE
CI — CAST IRON
CB — CATCH BASIN
CL — CENTERLINE
CLG — CEILING
CLR — CLEAR
COL — COLUMN
CS — COLUMN STRIP
CSB — COLUMN STRIP BOTTOM BARS
CST — COLUMN STRIP TOP BARS
CONC — CONCRETE
CMU — CONCRETE MASONRY UNIT
CONN — CONNECTION
CONST — CONSTRUCTION
CONT — CONTINUOUS
CONTR — CONTRACTOR
CJ — CONTROL/CONSTRUCTION JOINT
COORD — COORDINATE
DL — DEAD LOAD
DEMO — DEMOLITION
DEP — DEPRESSION
D — DEPTH
DTL — DETAIL
DIAG — DIAGONAL
DIA — DIAMETER
DIM — DIMENSION
DWL — DOWEL
DBA — DOWEL BAR ANCHORS
DN — DOWN
DWG — DRAWING
EA — EACH
EF — EACH FACE
EW — EACH WAY
EOD — EDGE OF DECK
EOS — EDGE OF SLAB
ES — EDGE STRIP
ELEC — ELECTRICAL
EL — ELEVATION
ELEV — ELEVATOR
ENG — ENGINEER
EQ — EQUAL
EQUIP — EQUIPMENT
EXTG — EXISTING
EXP — EXPANSION
EJ — EXPANSION JOINT
EXT — EXTERIOR
EFOW — EXTERIOR FACE OF WALL
FO — FACE OF
FF — FAR FACE
FV — FIELD VERIFY
FIN — FINISH
FE — FIRE EXTINGUISHER
FLG — FLANGE
FLR — FLOOR
FD — FLOOR DRAIN
FTG — FOOTING
FDN — FOUNDATION
FUT — FUTURE
GA — GAUGE
GALV — GALVANIZED
GC — GENERAL CONTRACTOR
GLB — GLUED-LAMINATED BEAM
GR — GRADE (ING)
HWS — HEADED WELDED STUD
HVAC — HEATING, VENTILATING AND AIR CONDITIONING
HT — HEIGHT
HP — HIGH POINT
HM — HOLLOW METAL
HSS — HOLLOW STRUCTURAL SECTION
HK — HOOK
HORIZ — HORIZONTAL
INFO — INFORMATION
ID — INSIDE DIAMETER
IF — INSIDE FACE
INSUL — INSULATION
INT — INTERIOR
JT — JOINT
JST — JOIST
JBE — JOIST BEARING ELEVATION
K — KIP (1000 LB)
KSI — KIPS PER SQUARE INCH
KO — KNOCKOUT
LVL — LAMINATED VENEER LUMBER
LWT — LIGHT WEIGHT
LL — LIVE LOAD
LOC — LOCATION
LLV — LONG LEG VERTICAL
LLBB — LONG LEGS BACK-TO-BACK
LLH — LONG LEG HORIZONTAL
LW — LONG WAY
LP — LOW POINT
MFR — MANUFACTURER
MAS — MASONRY
MBW — MASONRY BEARING WALL
MO — MASONRY OPENING
MSW — MASONRY SHEAR WALL
MATL — MATERIAL
MAX — MAXIMUM
MECH — MECHANICAL
MTL — METAL
MS — MIDDLE STRIP
MSB — MIDDLE STRIP BOTTOM BARS
MST — MIDDLE STRIP TOP BARS
MIN — MINIMUM
MISC — MISCELLANEOUS
MC — MOMENT CONNECTION
NF — NEAR FACE
NOM — NOMINAL
NWT — NORMAL WEIGHT
NA — NOT APPLICABLE
NIC — NOT IN CONTRACT
NTS — NOT TO SCALE
OC — ON CENTER
OPNG — OPENING
OPP — OPPOSITE
OD — OUTSIDE DIAMETER
OF — OUTSIDE FACE
OSL — OUTSTANDING LEG
O/O — OUT-TO-OUT
OH — OVERHEAD
PERIM — PERIMETER
PL — PLATE
PLBG — PLUMBING
PT — POINT
P/T — POST-TENSIONED
LB — POUND
PCF — POUNDS PER CUBIC FOOT
PCI — POUNDS PER CUBIC INCH
PLF — POUNDS PER LINEAR FOOT
PSF — POUNDS PER SQUARE FOOT
PSI — POUNDS PER SQUARE INCH
PC — PRECAST/PRESTRESSED
PREFAB — PREFABRICATED
PROJ — PROJECTION
R — RADIUS
REF — REFERENCE
REINF — REINFORCE (D) (MENT)
REM — REMAINDER
REQ — REQUIRED
RW — RETAINING WALL
REV — REVISION
RD — ROOF DRAIN
RTU — ROOF TOP UNIT
SCH — SCHEDULE
SECT — SECTION
SC — SHEAR CONNECTOR
SHT — SHEET
SLBB — SHORT LEGS BACK-TO-BACK
SW — SHORT WAY
SH/S — SHOULDER STUDS
SIM — SIMILAR
SOG — SLAB-ON-GRADE
SL — SNOW LOAD
SP — SPACE (ING)
L — SPAN
SPEC — SPECIFICATIONS
SQ — SQUARE
SS — STAINLESS STEEL
STD — STANDARD
STL — STEEL
STRUCT — STRUCTURE (AL)
SYM — SYMMETRICAL
TEMP — TEMPORARY
TENCTRL — TENSION CONTROL
THK — THICK (ENED) (NESS)
T — TOP
TC — TOP CHORD
TOC — TOP OF CONCRETE
TOF — TOP OF FOOTING
TL — TOP OF LEDGE
TP — TOP OF PIER
TOS — TOP OF STEEL
TW — TOP OF WALL
TYP — TYPICAL
UNO — UNLESS NOTED OTHERWISE
VR — VAPOR RETARDER
VIF — VERIFY IN FIELD
VERT — VERTICAL
WT — WEIGHT
WWF — WELDED WIRE FABRIC
W — WIDTH/WIDE
WL — WIND LOAD
W/ — WITH
W/O — WITHOUT
WD — WOOD
WSBW — WOOD STUD BEARING WALL
WP — WORK (ING) POINT

FOOTING SCHEDULE

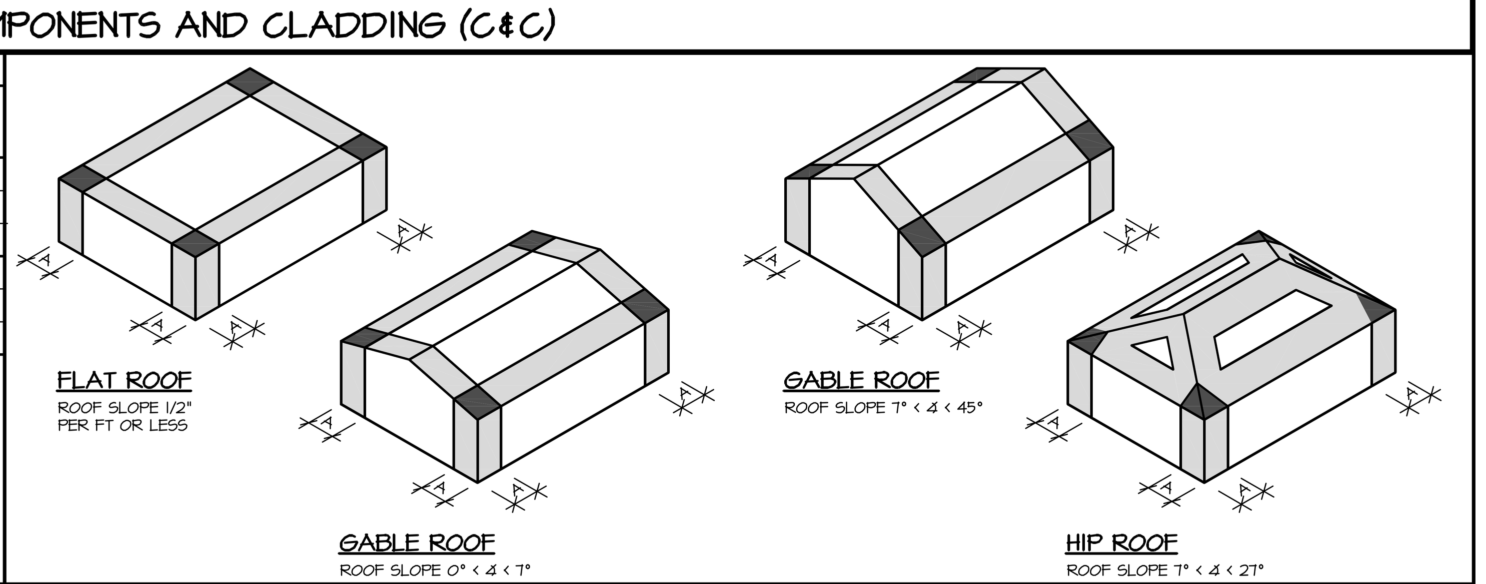
MARK	FOOTING DIMENSIONS	FOOTING REINFORCEMENT (SEE NOTES 1 AND 2)	REMARKS
F40	4'-0"x4'-0"x12"	(4) #5 EW	
F50	5'-0"x5'-0"x13"	(5) #5 EW	
F50TB	5'-0"x5'-0"x24"	(5) #5 EW (T&B)	
F60	6'-0"x6'-0"x15"	(6) #5 EW	
F70	7'-0"x7'-0"x17"	(8) #5 EW	
F80	8'-0"x8'-0"x19"	(7) #6 EW	
F80A	8'-0"x8'-0"x32"	(8) #8 EW B, (8) #6 EW T	NOTE 3
F80B	8'-0"x8'-0"x32"	(8) #8 EW B, (8) #6 EW T	NOTE 4
F90A	9'-0"x9'-0"x36"	(9) #9 EW B, (9) #6 EW T	NOTE 4
F100A	10'-0"x10'-0"x36"	(8) #9 EW B, (9) #6 EW T	NOTE 6
F110A	11'-0"x11'-0"x48"	(8) #9 EW B, (9) #6 EW T	NOTE 6
F1	5'-0"x13'-2"x13"	(5) #5 LW, (13) #5 SW	
F2	7'-0"x15'-2"x17"	(6) #5 LW, (14) #5 SW	
W20	2'-0"x1'-0"xCONT	NONE	
W24	2'-4"x1'-0"xCONT	NONE	
W26	2'-6"x1'-0"xCONT	NONE	
W28	2'-8"x1'-0"xCONT	NONE	
W30	3'-0"x1'-0"xCONT	NONE	

NOTES:
1) B = BOTTOM, T = TOP, LW = LONG WAY, SW = SHORT WAY, EW = EACH WAY.
2) ALL REINFORCEMENT BARS TO BE BOTTOM BARS UNLESS NOTED OTHERWISE.
3) (8) #6 UPLIFT BENT BARS EACH WAY TOP. SEE DETAIL 17/S800.
4) (3) #6 UPLIFT BENT BARS EACH WAY TOP. SEE DETAIL 17/S800.
5) (5) #6 UPLIFT BENT BARS EACH WAY TOP. SEE DETAIL 17/S800.

WIND PRESSURE ON COMPONENTS AND CLADDING (C&C)

ZONE	EFFECTIVE AREA OF COMP OR CLADDING SF)	WIND PRESSURE (PSF) POSITIVE (INWARD)	NEGATIVE (OUTWARD) GABLE/HIP	NEGATIVE (OUTWARD) FLAT	ZONE	EFFECTIVE AREA OF COMP OR CLADDING SF)	WIND PRESSURE (PSF) POSITIVE (INWARD)	WIND PRESSURE (PSF) NEGATIVE (OUTWARD)
1	10 OR LESS	10.1	N/A	25.0	4	10 OR LESS	25.0	27.1
1	50	8.7	N/A	23.5	4	50	22.3	24.5
1	100 OR GREATER	8.1	N/A	22.5	4	100 OR GREATER	21.2	23.3
2	10 OR LESS	10.1	N/A	41.8	5	10 OR LESS	25.0	33.4
2	50	8.7	N/A	31.5	5	50	22.3	28.3
2	100 OR GREATER	8.1	N/A	27.1	5	100 OR GREATER	21.2	25.9
3	10 OR LESS	10.1	N/A	63.1				
3	50	8.7	N/A	37.9				
3	100 OR GREATER	8.1	N/A	25.9				
			ZONE 2	ZONE 3				
OVERHANG		-	29.0	37.0				

NOTES:
1) BASED ON SIMPLIFIED PROVISIONS FOR ENCLOSED REGULAR-SHAPED BUILDINGS WITH MEAN ROOF HEIGHT LESS THAN OR EQUAL TO 60 FEET (ASCE 7-05, FIGURES 6-2 & 6-3) ASSUMING K_{ZT} = 1.0 AND USING CRITERIA LISTED IN STRUCTURAL GENERAL NOTES.
2) FOR EFFECTIVE MEMBER AREAS NOT SPECIFICALLY LISTED, INTERPOLATE OR USE LARGEST VALUE OF WIND PRESSURE/SUCTION NOTED. DO NOT USE 1/3 STRESS INCREASE FOR MEMBER DESIGN WITH VALUES NOTED IN THIS TABLE.
3) ☐ = ZONE 1 (ROOF) OR ZONE 4 (WALL) ■ = ZONE 3 (ROOF) ▒ = ZONE 2 (ROOF) OR ZONE 5 (WALL) LENGTH NOTED "A" = 12 FEET



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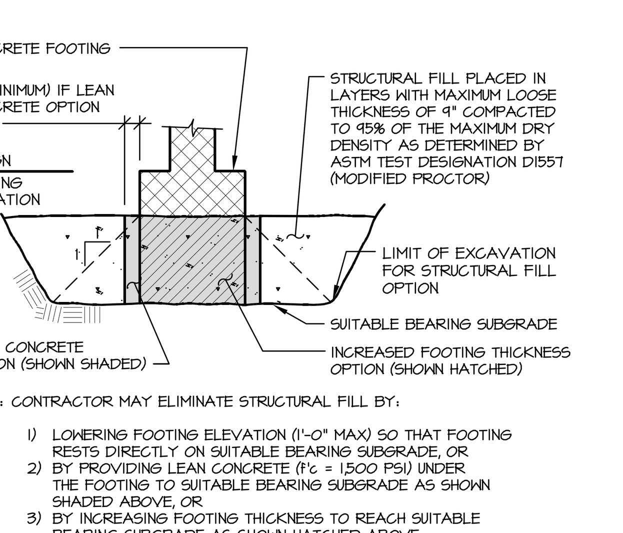
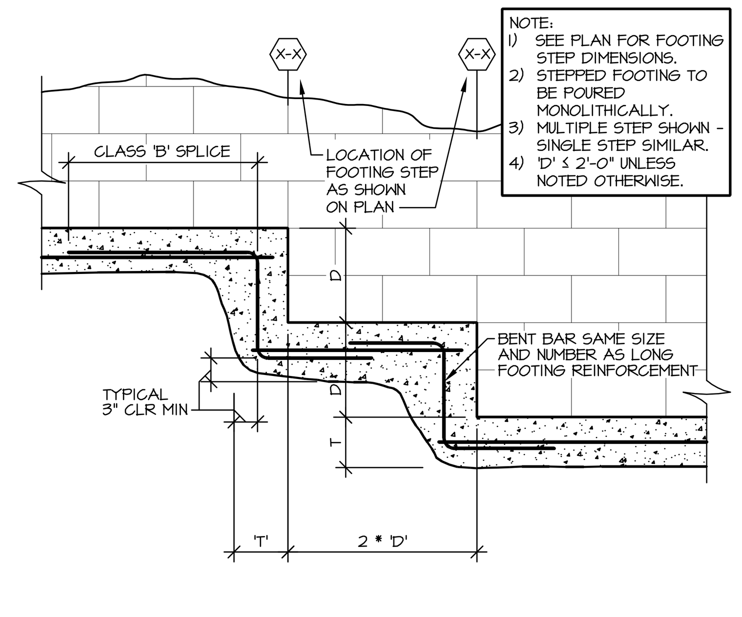


NOTE: CONTRACTOR MAY ELIMINATE STRUCTURAL FILL BY:
1) LOWERING FOOTING ELEVATION (1'-0" MAX) SO THAT FOOTING RESTS DIRECTLY ON SUITABLE BEARING SUBGRADE, OR
2) BY PROVIDING LEAN CONCRETE (f'c = 1,500 PSI) UNDER THE FOOTING TO SUITABLE BEARING SUBGRADE AS SHOWN SHADED ABOVE, OR
3) BY INCREASING FOOTING THICKNESS TO REACH SUITABLE BEARING SUBGRADE AS SHOWN HATCHED ABOVE

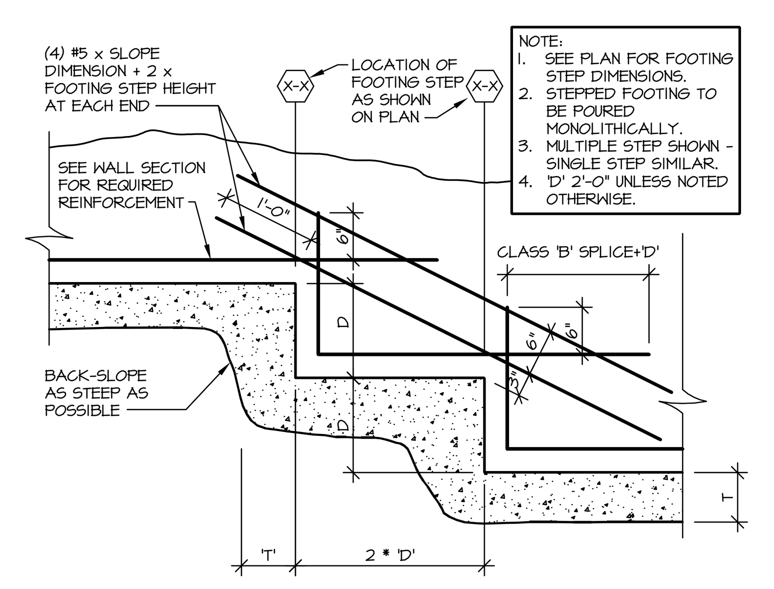
THIS DETAIL APPLIES ONLY AT THOSE LOCATIONS WHERE GEOTECHNICAL ENGINEER DEEMS SOILS AT DESIGN FOOTING ELEVATIONS INADEQUATE FOR FOOTING SUPPORT OR WHERE SPECIFICALLY REFERENCED ON DRAWINGS.

1/S001 OVER-EXCAVATION DETAIL
SCALE: NONE



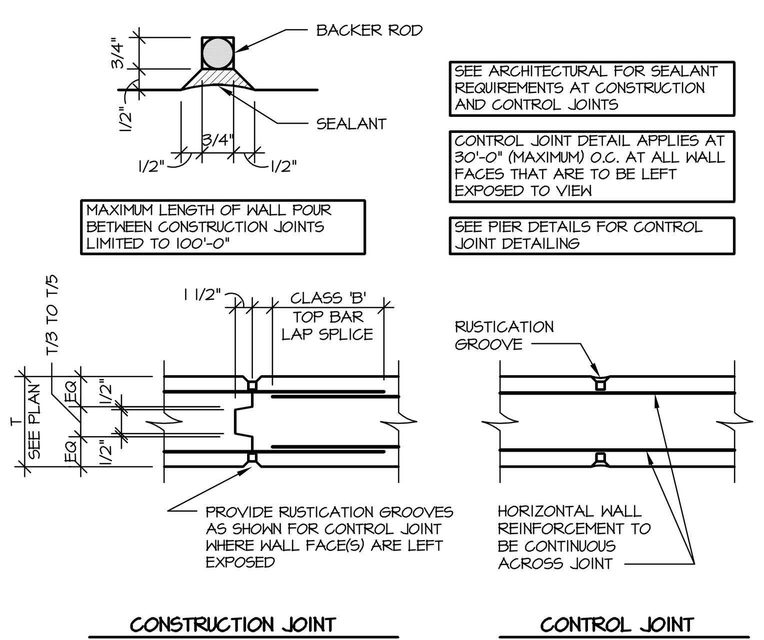
NOTE:
1) SEE PLAN FOR FOOTING STEP DIMENSIONS.
2) STEPPED FOOTING TO BE POURED MONOLITHICALLY.
3) MULTIPLE STEP SHOWN - SINGLE STEP SIMILAR.
4) 'D' ≤ 2'-0" UNLESS NOTED OTHERWISE.

2/S001 FOOTING STEP
SCALE: 3/4" = 1'-0"



NOTE:
1. SEE PLAN FOR FOOTING STEP DIMENSIONS.
2. STEPPED FOOTING TO BE POURED MONOLITHICALLY.
3. MULTIPLE STEP SHOWN - SINGLE STEP SIMILAR.
4. 'D' 2'-0" UNLESS NOTED OTHERWISE.

3/S001 FOOTING STEP
SCALE: 3/4" = 1'-0"

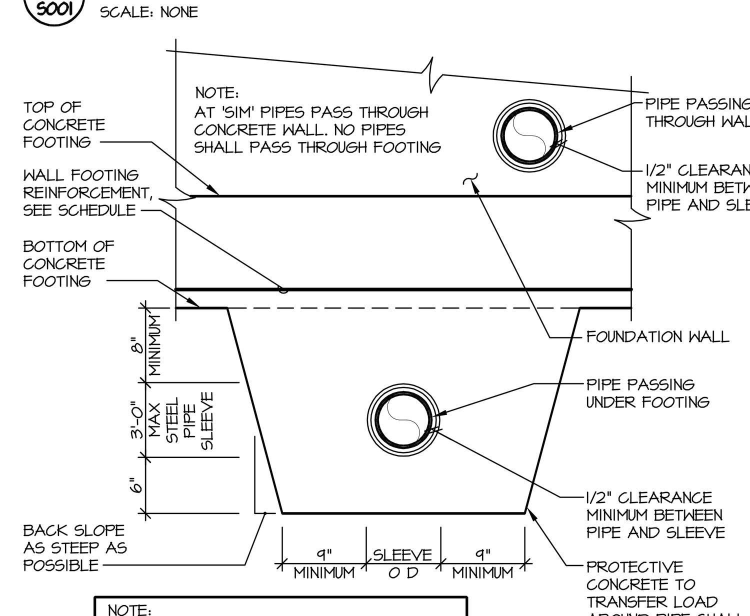


SEE ARCHITECTURAL FOR SEALANT REQUIREMENTS AT CONSTRUCTION AND CONTROL JOINTS

CONTROL JOINT DETAIL APPLIES AT 30'-0" (MAXIMUM) O.C. AT ALL WALL FACES THAT ARE TO BE LEFT EXPOSED TO VIEW

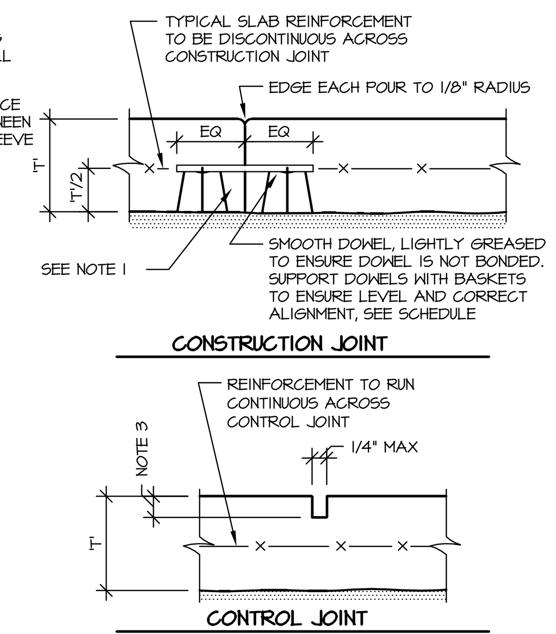
SEE PIER DETAILS FOR CONTROL JOINT DETAILING

4/S001 TYPICAL CONCRETE WALL JOINTS
SCALE: NONE



NOTE:
NOT TO BE USED UNDER COLUMN FOOTINGS, NO PIPE SHALL PASS THROUGH THE FOOTING

5/S001 PIPE PASSING UNDER WALL FOOTING
SCALE: NONE



GENERAL NOTES
1) SLAB-ON-GRADE CONSTRUCTION SHOULD CONFORM WITH THE RECOMMENDATIONS AND REQUIREMENTS SET FORTH IN THE LATEST RELEASE OF ACI 302 GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION.
2) SEE THE PLANS FOR THE SLAB THICKNESS (T) AND REINFORCEMENT.
3) THE SLAB REINFORCEMENT, IF OTHER THAN WWF, SHALL BE CHAIRED BY SOIL SUPPORTED SLAB BOLSTERS.
4) REFER TO THE GENERAL NOTES, THE SPECIFICATIONS, AND THE DRAWINGS FOR SUB-FLOOR DRAINAGE SYSTEM, SUBGRADE PREPARATION, AND/OR MUD SLAB AND VAPOR RETARDER REQUIREMENTS.
5) THE SUBGRADE SHALL BE FREE OF STANDING WATER AT THE TIME OF CONCRETE PLACEMENT.

CONSTRUCTION JOINT NOTES
1) BREAK THE BOND BETWEEN NEW AND PREVIOUSLY PLACED SLABS BY SPRAYING OR BY PAINTING THE EXPOSED SIDE OF THE JOINT WITH A CURING COMPOUND, ASPHALTIC EMULSION, OR FORM OIL.

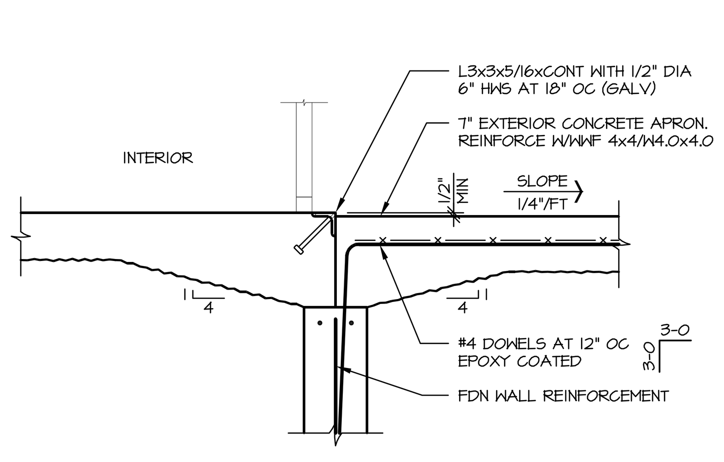
JOINT SPACING NOTES
1) UNLESS SHOWN OTHERWISE ON THE DRAWINGS, PROVIDE CONTROL AND/OR CONSTRUCTION JOINTS AT EVERY COLUMN LINE AND IN BETWEEN THE COLUMNS SUCH THAT THE JOINT SPACING DOES NOT EXCEED 36 * (SLAB THICKNESS) UNLESS SHOWN OTHERWISE. THE RESULTING PANELS SHOULD BE APPROXIMATELY SQUARE.

CONTROL JOINT NOTES
1) FOR SAW CUT CONTROL JOINTS, MAKE SAW CUT AS SOON AS THE SLAB IS ABLE TO SUPPORT THE WEIGHT OF WORKERS AND SAWING EQUIPMENT WITHOUT DAMAGE TO THE FINISHED SURFACE OF THE SLAB, BUT WITHIN 24 HOURS.
2) SEE SPECIFICATIONS REGARDING EPOXY RESIN OR ELASTOMERIC SEALANT REQUIREMENTS TO FILL CONTROL JOINTS.
3) DEPTH OF SAWCUT SHOULD BE 1 1/4" IF PRODUCED USING EARLY ENTRY DRY-CUT PROCESS AND T/4 (1" MINIMUM) IF PRODUCED USING THE CONVENTIONAL WET-CUT PROCESS.

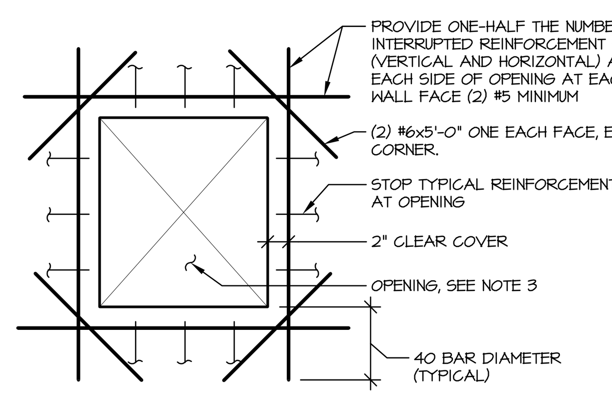
FORMED CONTROL JOINT OPTION NOTES
1) FORM CONTROL JOINTS BY INSERTING A PREMOLDED STRIP INTO THE FRESH CONCRETE UNTIL THE TOP SURFACE OF THE STRIP IS FLUSH WITH THE TOP SURFACE OF THE SLAB.
2) TOOL THE SLAB EDGES ROUND ON EACH SIDE OF THE INSERT, 1/8" MAXIMUM RADIUS.
3) AFTER THE CONCRETE HAS CURED, REMOVE THE INSERTS AND CLEAN THE GROOVE OF LOOSE DEBRIS.

SLAB THICKNESS T (IN)	DOWEL SIZE	DOWEL SPACING (OC)
5 ≤ T ≤ 6	3/4" DIA x 16"	12"

6/S001 TYPICAL CONSTRUCTION AND CONTROL JOINTS IN SLAB-ON-GRADE
SCALE: NONE

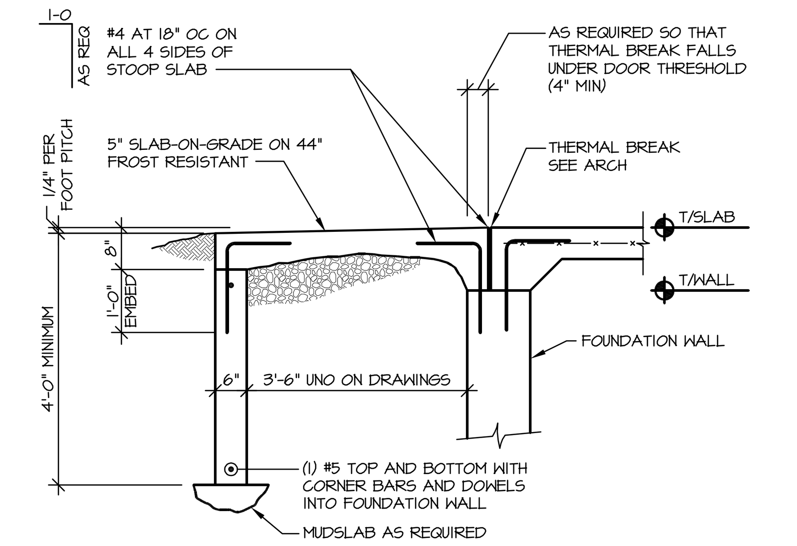


7/S001 OVERHEAD DOOR APRON
SCALE: NONE

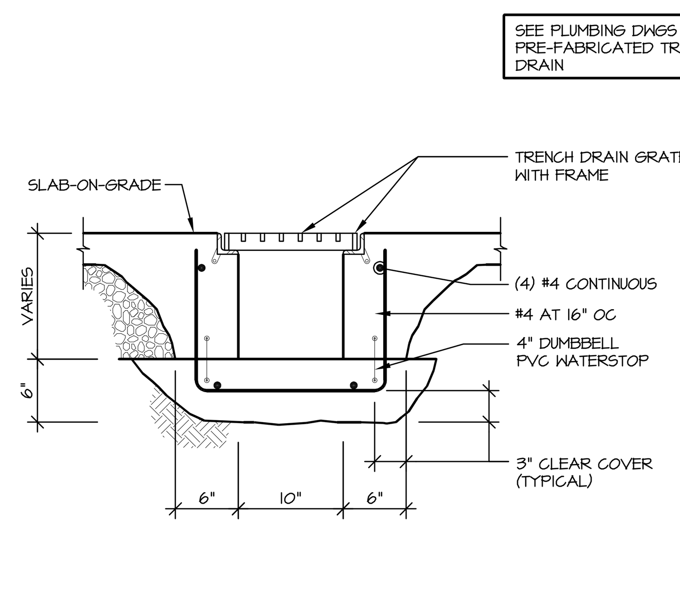


NOTE:
1) ADDED REINFORCEMENT AS SHOWN SHALL BE PROVIDED FOR ALL OPENINGS 12" DIAMETER OR 12" SQUARE AND LARGER IN SIZE.
2) SPACE ADDED BARS AS CLOSE AS PERMISSIBLE BY CODE FOR THE REQUIRED BAR SIZE.
3) VERIFY SIZE AND LOCATION OF OPENINGS WITH TRADE OR SUBCONTRACTOR WHICH REQUIRES OPENING.

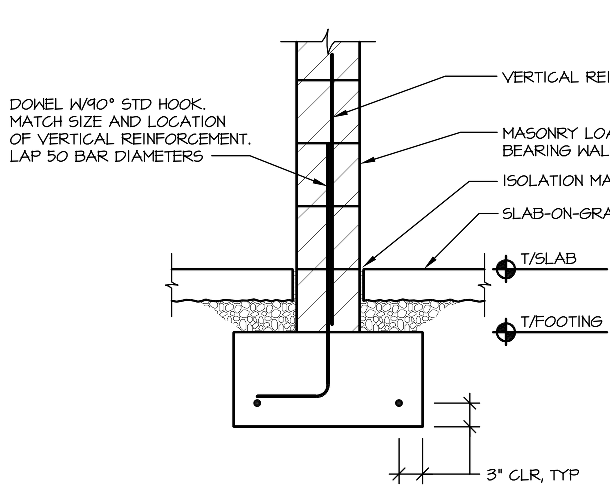
8/S001 ADDED REINFORCEMENT AT OPENINGS
SCALE: NONE



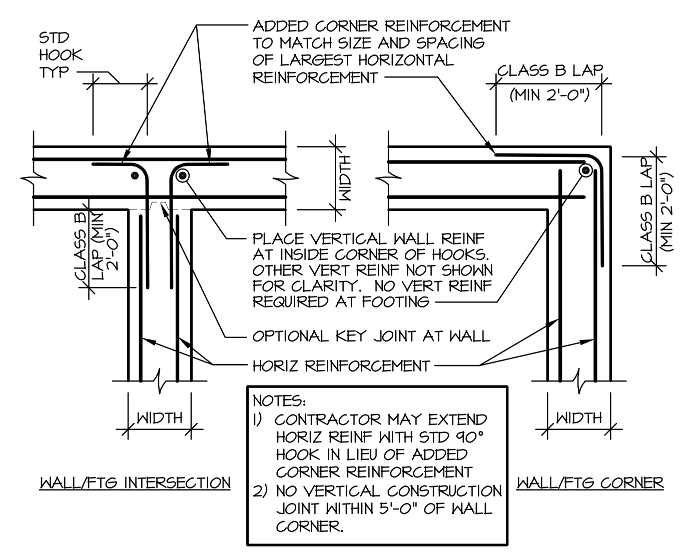
9/S001 TYPICAL STOOP
SCALE: 1/2" = 1'-0"



10/S001 TRENCH DRAIN
SCALE: 1" = 1'-0"

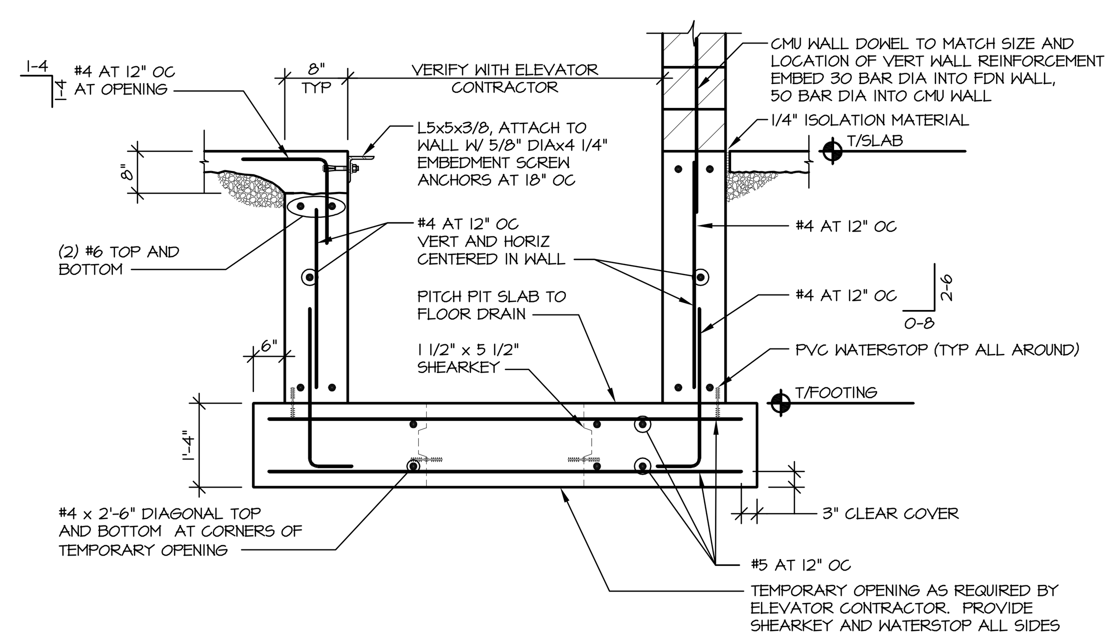


11/S001 FOOTING AT INTERIOR MASONRY WALLS
SCALE: 3/4" = 1'-0"

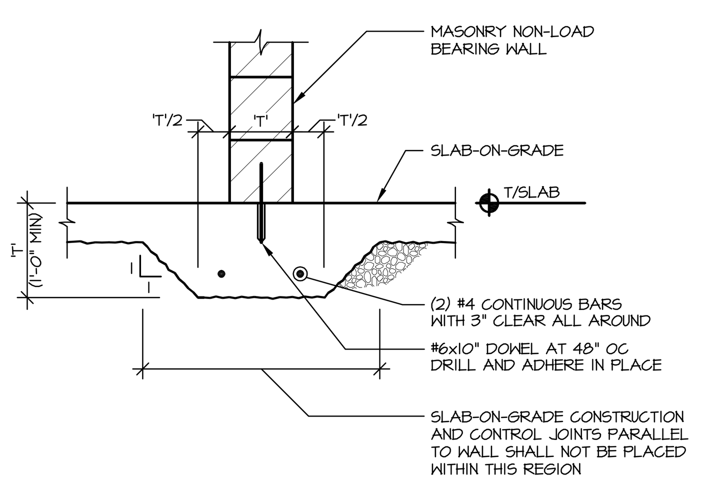


NOTES:
1) CONTRACTOR MAY EXTEND HORIZ REINF WITH STD 90° HOOK IN LIEU OF ADDED CORNER REINFORCEMENT
2) NO VERTICAL CONSTRUCTION JOINT WITHIN 5'-0" OF WALL CORNER.

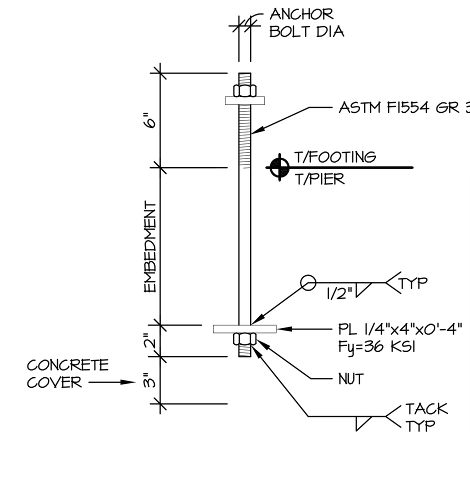
12/S001 TYP WALL/FOOTING CORNER
SCALE: NONE



13/S001 CONCRETE ELEVATOR PIT
SCALE: 1/2" = 1'-0"

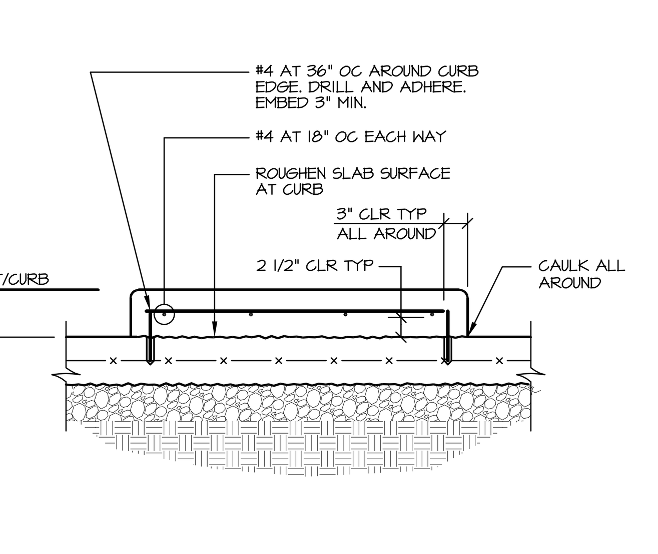


14/S800 THICKENED SLAB FOR NON-LOAD BEARING WALLS
SCALE: 3/4" = 1'-0"



MARK	DIAMETER	EMBEDMENT
AB1	3/4"	18"
AB2	3/4"	27"
AB3	3/4"	31"
AB4	1"	31"
AB5	3/4"	27"
AB6	1"	31"
AB7	1"	27"

15/S001 ANCHOR BOLT SCHEDULE
SCALE: NONE



16/S001 HOUSEKEEPING PAD
SCALE: 3/4" = 1'-0"

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A&O PROJECT #130172

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DRAWN	A&O
CHECKED	TJD
DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

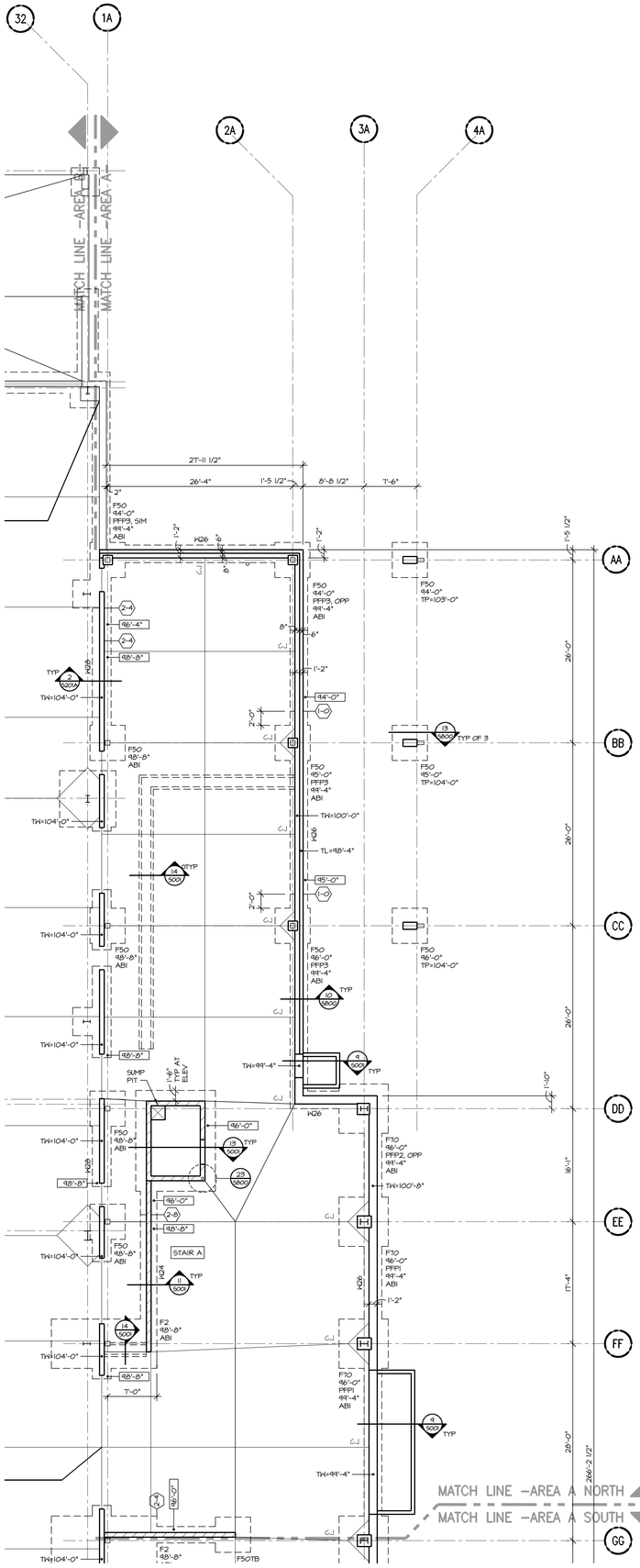
1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

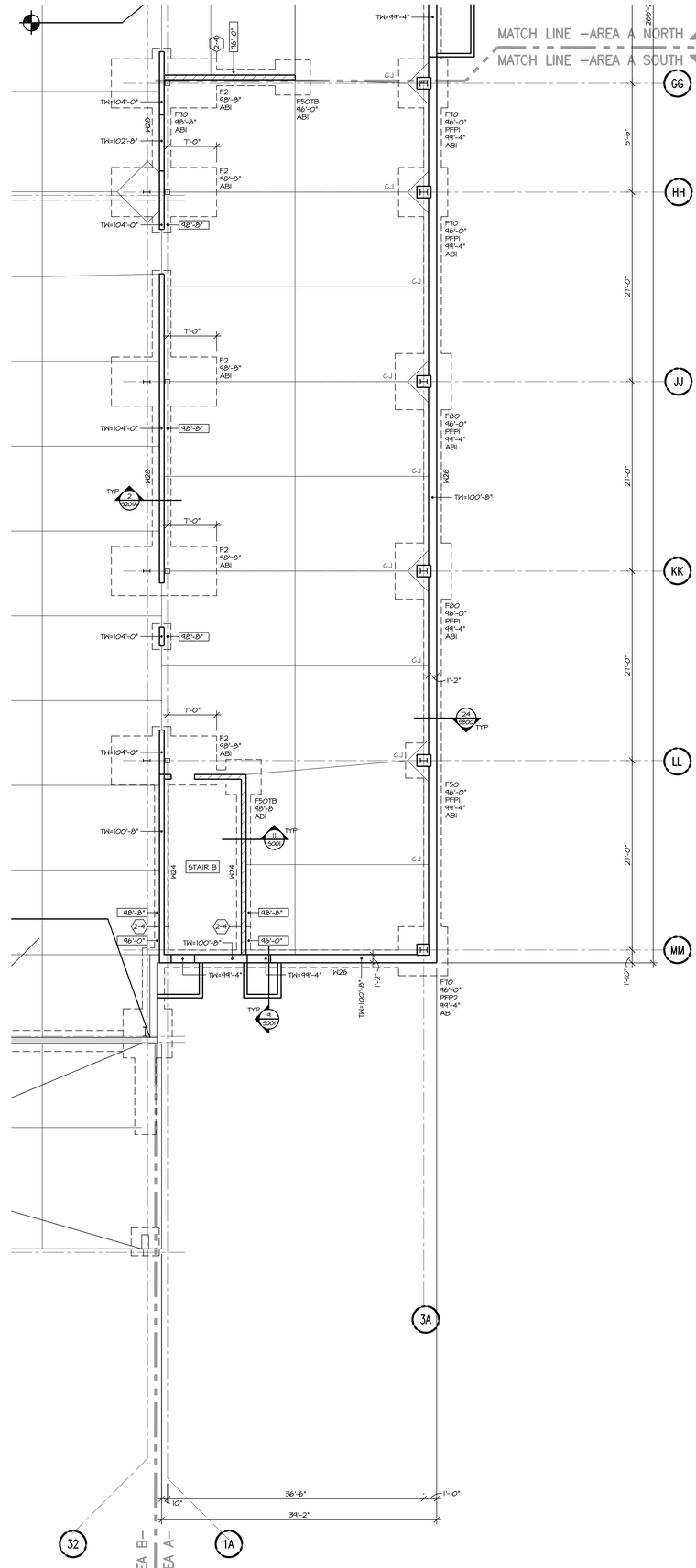
STRUCTURAL GENERAL NOTES

SHEET NO.

S001



N 1 S201A FOUNDATION PLAN – AREA A NORTH
SCALE: 1/8"= 1'-0"



N 2 S201A FOUNDATION PLAN – AREA A SOUTH
SCALE: 1/8"= 1'-0"

FOUNDATION PLAN NOTES:

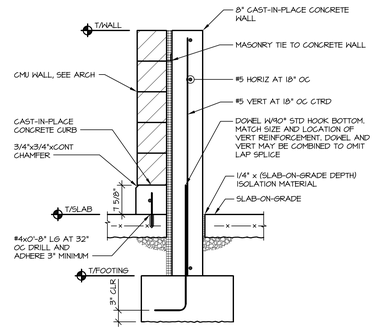
1) FINISH SLAB ELEVATION = 100'-0", TYP UNO
TOP OF FOOTING ELEVATION = VARIES, SEE PLAN

2) SLAB-ON-GRADE TO BE 5" THICK ON 10" VAPOR RETARDER ON MINIMUM 8" COMPACTED GRANULAR DRAINAGE SUB-BASE WITH 1/2" CHOKER COURSE OF LIMESTONE SCREENINGS ON TOP. REINFORCE W/MACRO-SYNTHETIC FIBERS.

3) OVER-EXCAVATION PER DETAIL 1/S001 MAY BE REQUIRED TO REMOVE EXISTING UNDOCUMENTED FILL AND UNSUITABLE BEARING SOIL.

4) TYPICAL DETAILS THAT APPLY TO PLAN INCLUDE;

2/S001 FOOTING STEP DETAIL
3/S001 FOOTING STEP DETAIL
4/S001 CONCRETE WALL JOINT DETAIL
5/S001 PIPE PASSING UNDER WALL FOOTING
6/S001 SLAB ON GRADE JOINT DETAIL
8/S001 CONCRETE WALL OPENING DETAIL
9/S001 STOOP DETAIL
12/S001 CORNER REINFORCEMENT DETAIL



2 S201A WALL SECTION
SCALE: 3/4" = 1'-0"

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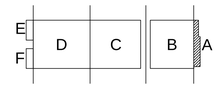
PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713



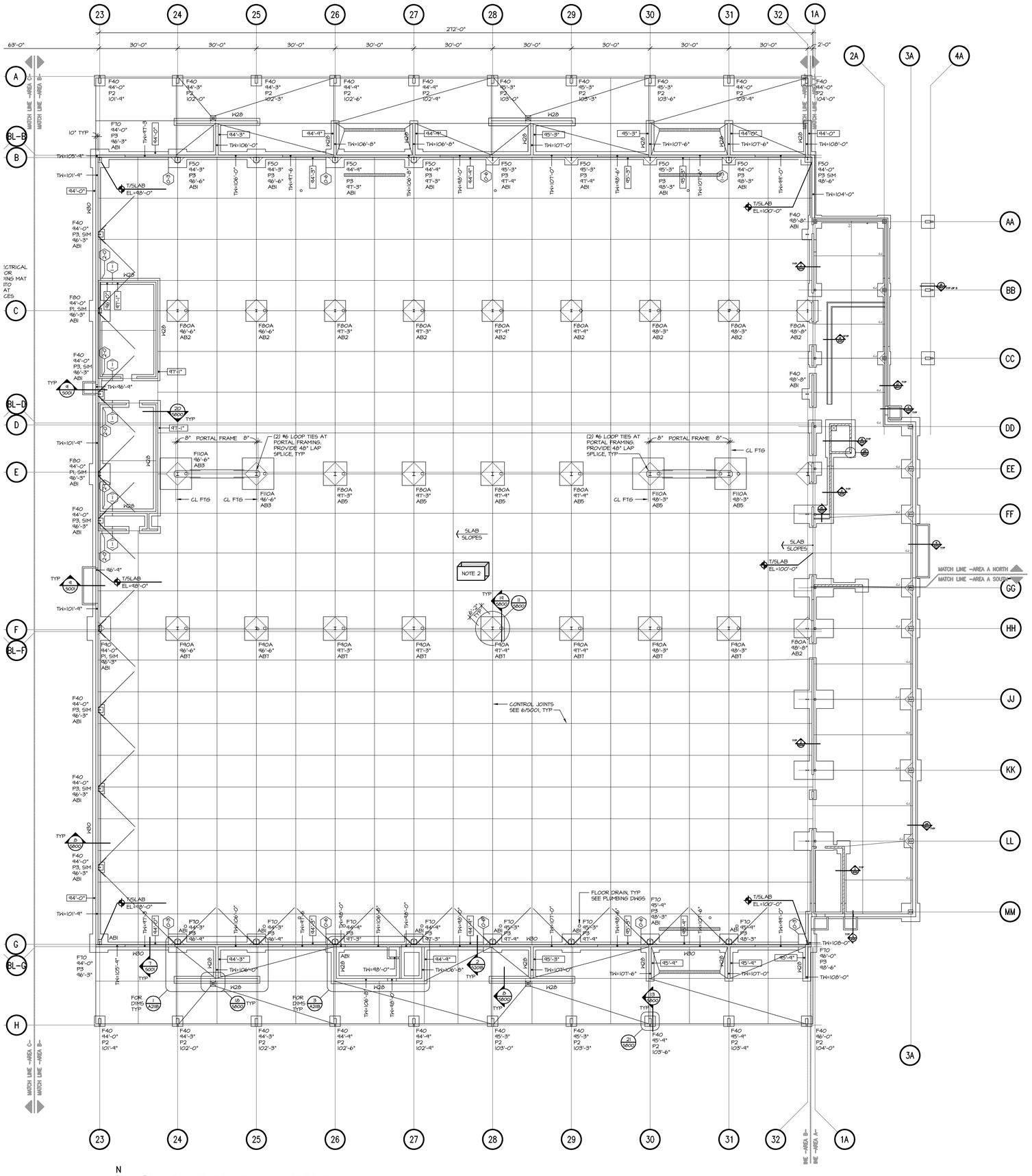
KEY PLAN

SHEET TITLE

FOUNDATION PLAN AREA A

SHEET NO.

S201A



FOUNDATION PLAN – AREA B
SCALE: 1/16"= 1'-0"

FOUNDATION PLAN NOTES:

1) FINISH SLAB ELEVATION = SLOPES, SEE PLAN
TOP OF FOOTING ELEVATION = VARIES, SEE PLAN

2) SLAB-ON-GRADE TO BE 6" THICK WITH WWF6x6xW4.0xW4.0 2" OFF TOP OF SLAB ON 4" CHOKER COARSE ON 10 MIL VAPOR RETARDER. SEE ARCH FOR SLAB ELEVATIONS.

3) OVER-EXCAVATION PER DETAIL 1/S001 MAY BE REQUIRED TO REMOVE EXISTING UNDOCUMENTED FILL AND UNSUITABLE BEARING SOIL.

4) TYPICAL DETAILS THAT APPLY TO PLAN INCLUDE;

2/S001 FOOTING STEP DETAIL (MASONRY)
3/S001 FOOTING STEP DETAIL (CONCRETE)
4/S001 CONCRETE WALL JOINT DETAIL
5/S001 PIPE PASSING UNDER WALL FOOTING
6/S001 SLAB ON GRADE JOINT DETAIL
7/S001 OVERHEAD DOOR AT APRON
8/S001 CONCRETE WALL OPENING DETAIL
9/S001 STOOP DETAIL
12/S001 CORNER REINFORCEMENT DETAIL

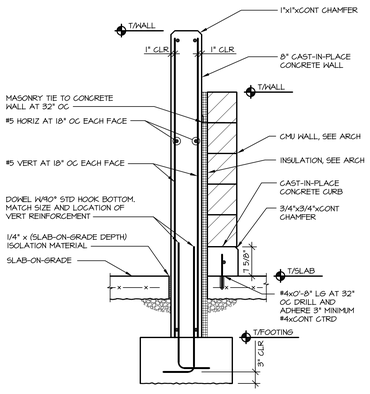
5) TYPICAL WHERE SLAB-ON-GRADE ABUTS WALL OR COLUMN, PROVIDE 1/4" x (SOG DEPTH) ISOLATION FILLER STRIP. SET STRIP 1/4" BELOW FINISH SLAB ELEVATION.

6) ALL FOUNDATION, FOOTING AND PIER SIZES TO BE VERIFIED/ CONFIRMED WITH METAL BUILDING FINAL DESIGN. SIZES/ORIENTATIONS SHOWN ARE BASED ON PRELIMINARY INFORMATION ONLY.

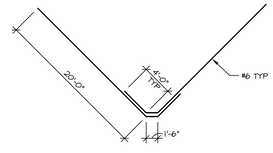
7) SEE S800 FOR PIER DETAILS, TYPICAL.

8) SEE A211B FOR WASH BAY AND STORAGE AREA DIMENSIONS.

9) PROVIDE A SMOOTH RUBBED FINISH ON CAST-IN-PLACE CONCRETE WALLS AND PIERS THAT ARE EXPOSED TO VIEW. EXTEND SMOOTH RUBBED FINISH TO 8" BELOW GRADE.



2 S201B WALL SECTION
SCALE: 3/4" = 1'-0"



3 S201B PAVILION SLAB REINFORCEMENT
SCALE: NONE

STRANG

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ENGINEERING
INTERIOR DESIGN

STRANG INC.
6411 MINERAL POINT ROAD
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A&O PROJECT #130172

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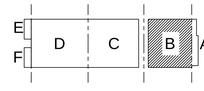
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713



KEY PLAN

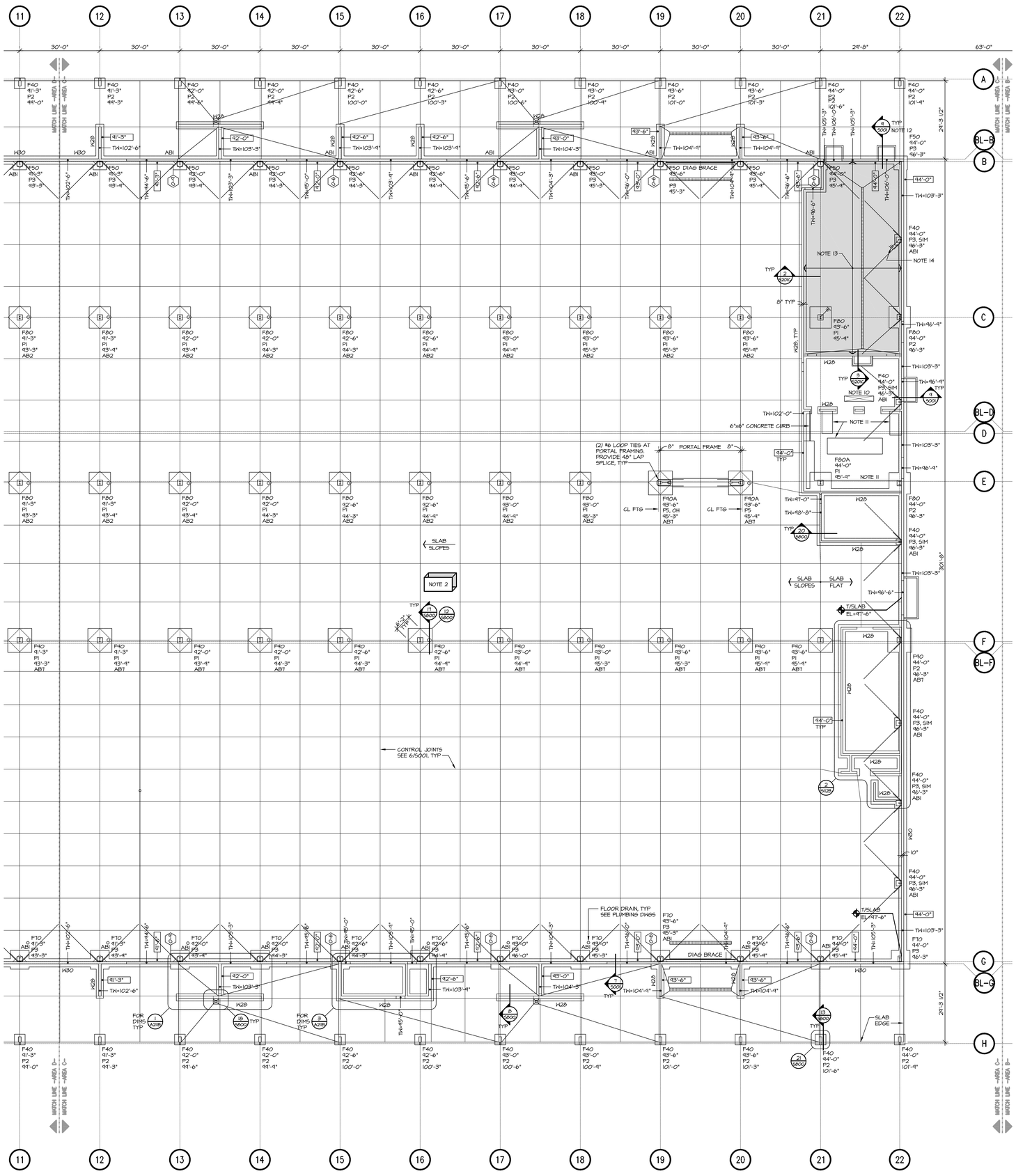
SHEET TITLE

FOUNDATION PLAN AREA B

SHEET NO.

S201B

130172
Foundation Plan NOTES
2013-07-12 sam pen



N

1 S201C FOUNDATION PLAN – AREA C

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

FOUNDATION PLAN NOTES:

1) FINISH SLAB ELEVATION = SLOPES, SEE PLAN
TOP OF FOOTING ELEVATION = VARIES, SEE PLAN

2) SLAB-ON-GRADE TO BE 6" THICK WITH 6X6W2.9XW2.9 WWF
2" OFF TOP OF SLAB ON 4" CHOKER COARSE ON 10 MIL VAPOR RETARDER. SEE ARCH FOR SLAB ELEVATIONS.

3) OVER-EXCAVATION PER DETAIL 1/S001 MAY BE REQUIRED TO REMOVE EXISTING UNDOCUMENTED FILL AND UNSUITABLE BEARING SOIL.

4) TYPICAL DETAILS THAT APPLY TO PLAN INCLUDE;

2/S001 FOOTING STEP DETAIL (MASONRY)
3/S001 FOOTING STEP DETAIL (CONCRETE)
4/S001 CONCRETE WALL JOINT DETAIL
5/S001 PIPE PASSING UNDER WALL FOOTING
6/S001 SLAB ON GRADE JOINT DETAIL
7/S001 OVERHEAD DOOR AT APRON
8/S001 CONCRETE WALL OPENING DETAIL
9/S001 STOOP DETAIL
12/S001 CORNER REINFORCEMENT DETAIL

5) TYPICAL WHERE SLAB-ON-GRADE ABUTS WALL OR COLUMN, PROVIDE 1/4" x 150G DEPTH ISOLATION FILLER STRIP. SET STRIP 1/4" BELOW FINISH SLAB ELEVATION.

6) ALL FOUNDATION, FOOTING AND PIER SIZES TO BE VERIFIED/ CONFIRMED WITH METAL BUILDING FINAL DESIGN. SIZES/ORIENTATIONS SHOWN ARE BASED ON PRELIMINARY INFORMATION ONLY.

7) SEE S800 FOR PIER DETAILS, TYPICAL.

8) SEE A211B FOR WASH BAY AND STORAGE AREA DIMENSIONS.

9) PROVIDE A SMOOTH RUBBED FINISH ON CAST-IN-PLACE CONCRETE WALLS AND PIERS THAT ARE EXPOSED TO VIEW. EXTEND SMOOTH RUBBED FINISH TO 8" BELOW GRADE.

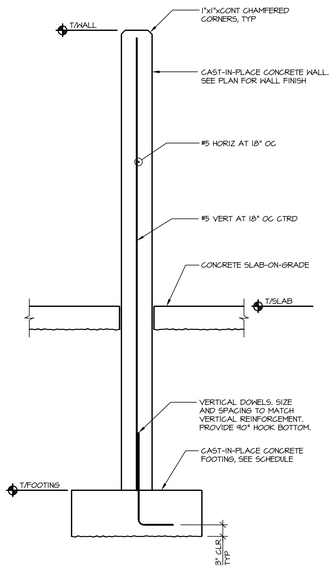
10) 2" SLAB DEPRESSION. SEE DETAIL 2/S201D

11) 6" CONCRETE HOUSEKEEPING PAD. SEE DETAIL 6/S001

12) SEE PROJECT SPECIFICATION MANUAL FOR MOCK-UP REQUIREMENTS.

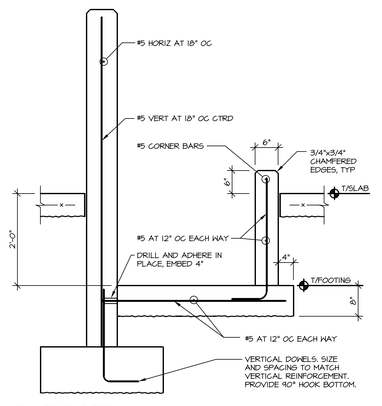
13) ELECTRICALLY GROUNDED CONCRETE SLAB-ON-GRADE. PLACE WWF REINFORCEMENT PER NOTE 2. FIELD WELD ALL WIRE OVERLAPS WITH 1/8" BEVEL WELD 1" LONG TO PROVIDE A CONTINUOUS WIRE MAT FOR GROUNDING. AT (3) ENTRANCES, PROVIDE A CONTINUOUS #5 WELDABLE REBAR AT OPENING WIDTH FIELD WELDED TO WIRE REINFORCEMENT MAT. PROVIDE #5x5'-0" LONG AND 12" LONG LEG AT 45° ANGLE AT 12" OC AT ENTRANCES. FIELD WELD TO #5 CONT AT DOOR AND WIRE MAT. PROVIDE ASTM WELDABLE BARS.

14) SEE ELECTRICAL DRAWINGS FOR GROUNDING RODS AND GROUND LUG TO THE STRUCTURAL COLUMNS, PIERS AND FOOTING REINFORCEMENT.



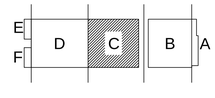
2 S201C WALL SECTION AT PAVILIONS

SCALE: NONE



3 S201C PIT DETAIL

SCALE: NONE



KEY PLAN

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

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A&O PROJECT #130172

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

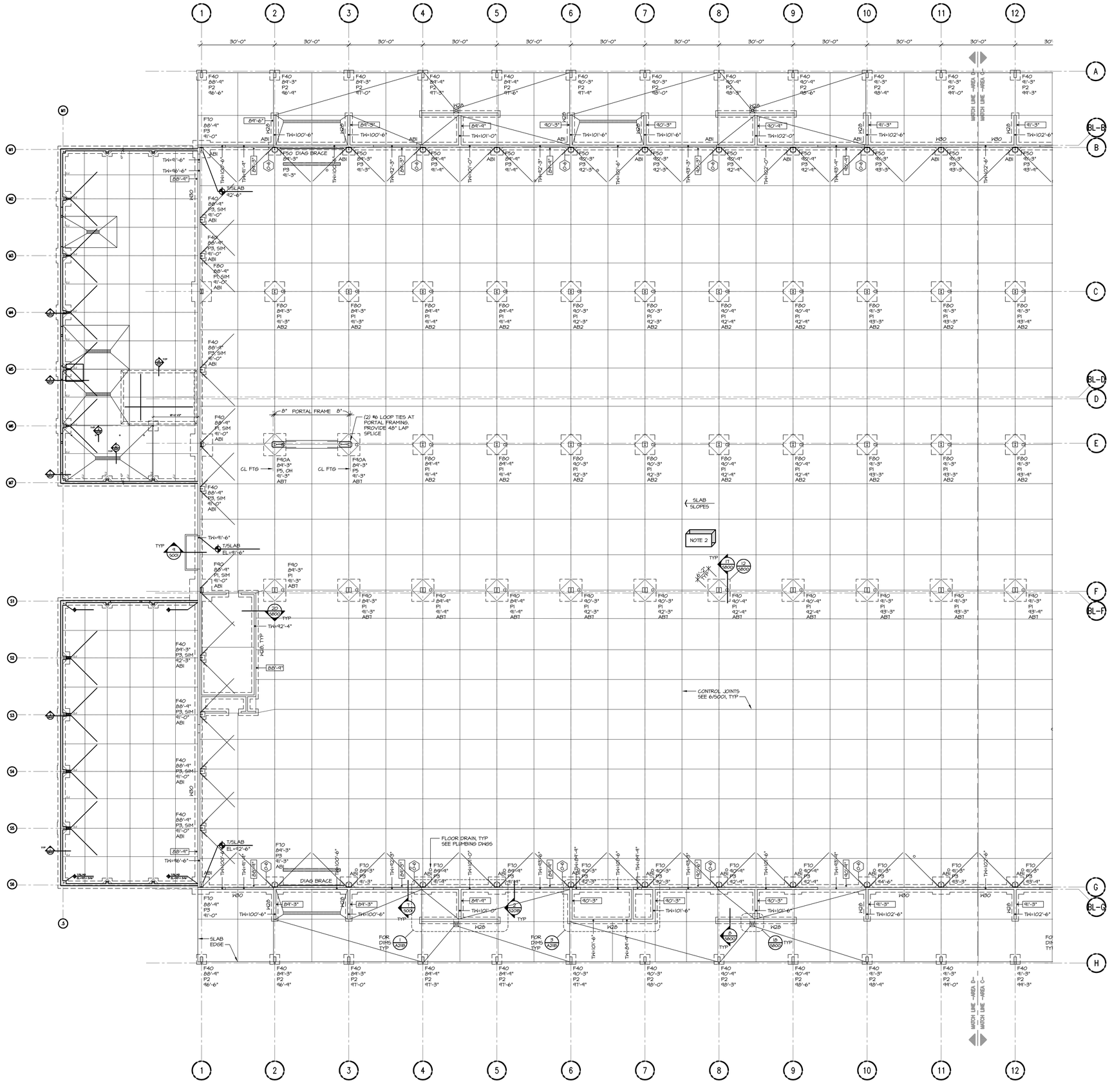
SHEET TITLE

FOUNDATION PLAN AREA C BUILDING 2

SHEET NO.

S201C

130172
2013-08-01 11:44:11 dan



N

1 S201D FOUNDATION PLAN – AREA D

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

FOUNDATION PLAN NOTES:

1) FINISH SLAB ELEVATION = SLOPES, SEE PLAN
TOP OF FOOTING ELEVATION = VARIES, SEE PLAN

2) SLAB-ON-GRADE TO BE 6" THICK WITH WWF6x6/W4.0xW4.0 2" OFF TOP OF SLAB ON 4" CHOKER COARSE ON 10 MIL VAPOR RETARDER. SEE ARCH FOR SLAB ELEVATIONS.

3) OVER-EXCAVATION PER DETAIL 1/S001 MAY BE REQUIRED TO REMOVE EXISTING UNDOCUMENTED FILL AND UNSUITABLE BEARING SOIL.

4) TYPICAL DETAILS THAT APPLY TO PLAN INCLUDE;

2/S001 FOOTING STEP DETAIL (MASONRY)
3/S001 FOOTING STEP DETAIL (CONCRETE)
4/S001 CONCRETE WALL JOINT DETAIL
5/S001 PIPE PASSING UNDER WALL FOOTING
6/S001 SLAB ON GRADE JOINT DETAIL
7/S001 OVERHEAD DOOR AT APRON
8/S001 CONCRETE WALL OPENING DETAIL
9/S001 STOOP DETAIL
12/S001 CORNER REINFORCEMENT DETAIL

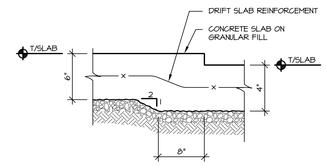
5) TYPICAL WHERE SLAB-ON-GRADE ABUTS WALL OR COLUMN, PROVIDE 1/4" x (SOG DEPTH) ISOLATION FILLER STRIP. SET STRIP 1/4" BELOW FINISH SLAB ELEVATION.

6) ALL FOUNDATION, FOOTING AND PIER SIZES TO BE VERIFIED/ CONFIRMED WITH METAL BUILDING FINAL DESIGN. SIZES/ORIENTATIONS SHOWN ARE BASED ON PRELIMINARY INFORMATION ONLY.

7) SEE S800 FOR PIER DETAILS, TYPICAL.

8) SEE A211B FOR WASH BAY AND STORAGE AREA DIMENSIONS.

9) PROVIDE A SMOOTH RUBBED FINISH ON CAST-IN-PLACE CONCRETE WALLS AND PIERS THAT ARE EXPOSED TO VIEW. EXTEND SMOOTH RUBBED FINISH TO 8" BELOW GRADE.



2 S200D SLAB-ON-GRADE DEPRESSION

SCALE: NONE

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ENGINEERING
INTERIOR DESIGN

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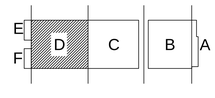
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713



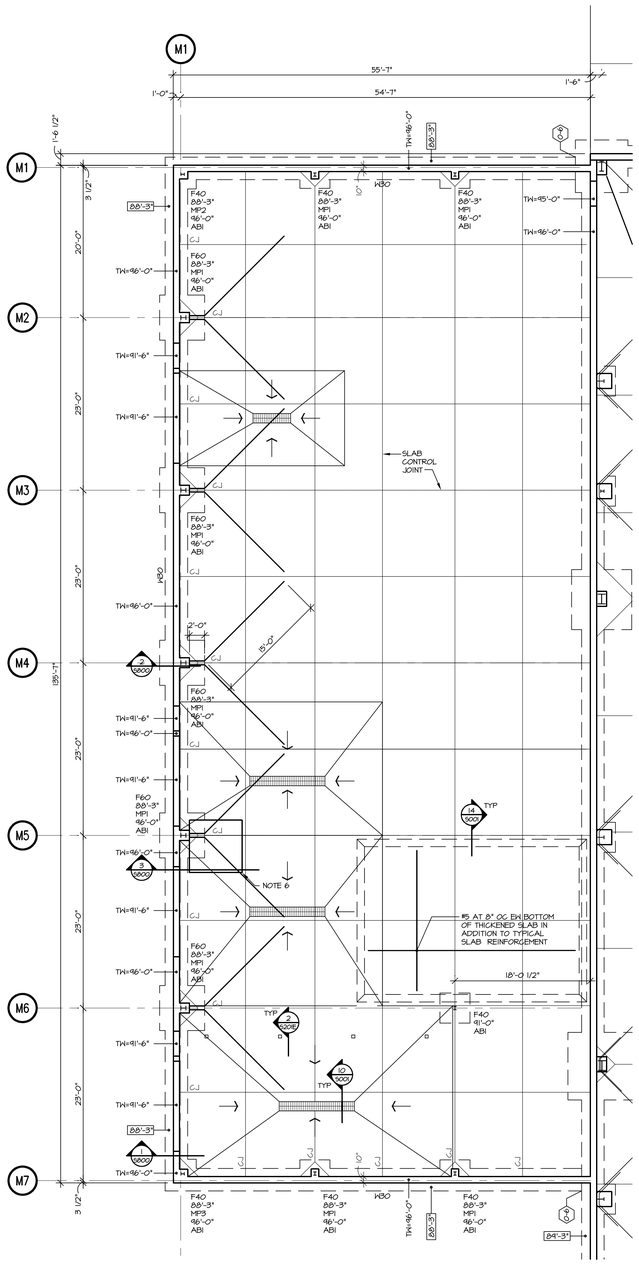
KEY PLAN

SHEET TITLE

FOUNDATION PLAN AREA D BUILDING 2

SHEET NO.

S201D



N

1 S201E FOUNDATION PLAN – AREA E

SCALE: 1/8"= 1'-0"

FOUNDATION PLAN NOTES:

1) FINISH SLAB ELEVATION = 92'-6" LOCAL DATUM UNLESS NOTED NOTED OTHERWISE. TOP OF FOOTING ELEVATION = 88'-3" UNLESS NOTED OTHERWISE.

2) SLAB-ON-GRADE TO BE 6" THICK WITH WWF6x6/W4.0xW4.0 2" OFF TOP OF SLAB ON 4" CRACKER COARSE ON 10 MIL VAPOR RETARDER. SEE ARCH FOR SLAB ELEVATIONS.

3) OVER-EXCAVATION PER DETAIL 1/S001 MAY BE REQUIRED TO REMOVE EXISTING UNDOCUMENTED FILL AND UNSUITABLE BEARING SOIL.

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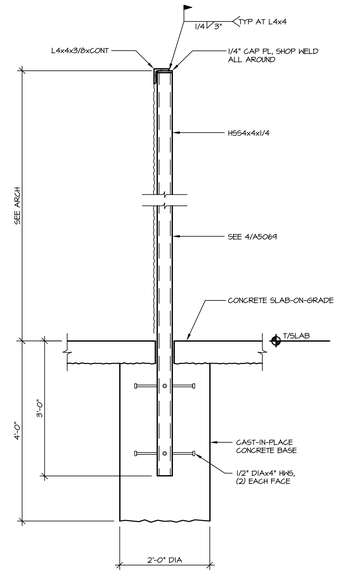
4/S001 CONCRETE WALL JOINT DETAIL
5/S001 PIPE PASSING UNDER WALL FOOTING
6/S001 SLAB ON GRADE JOINT DETAIL
8/S001 CONCRETE WALL OPENING DETAIL
9/S001 STOOP DETAIL
12/S001 CORNER REINFORCEMENT DETAIL

5) TYPICAL WHERE SLAB-ON-GRADE ABUTS WALL OR COLUMN, PROVIDE 1/4" x 150G DEPTH ISOLATION FILLER STRIP. SET STRIP 1/4" BELOW FINISH SLAB ELEVATION.

6) T'-0"xT'-0"x3'-6" JIB CRANE BASE PAD. T/PAD = 92'-6".

7) ALL FOUNDATION, FOOTING AND PIER SIZES TO BE VERIFIED/ CONFIRMED WITH METAL BUILDING FINAL DESIGN. SIZES/ORIENTATIONS SHOWN ARE BASED ON PRELIMINARY INFORMATION ONLY.



2 S201E CURTAIN SECTION

SCALE: NONE

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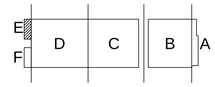
PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713



SHEET TITLE

FOUNDATION PLAN AREA E

KEY PLAN

SHEET NO.

S201E

130172.dgn
12/17/2013 8:49:49 AM

FOUNDATION PLAN NOTES:

1) FINISH SLAB ELEVATION = 93'-0" LOCAL DATUM UNLESS NOTED NOTED OTHERWISE. TOP OF FOOTING ELEVATION = 84'-3" UNLESS NOTED OTHERWISE.

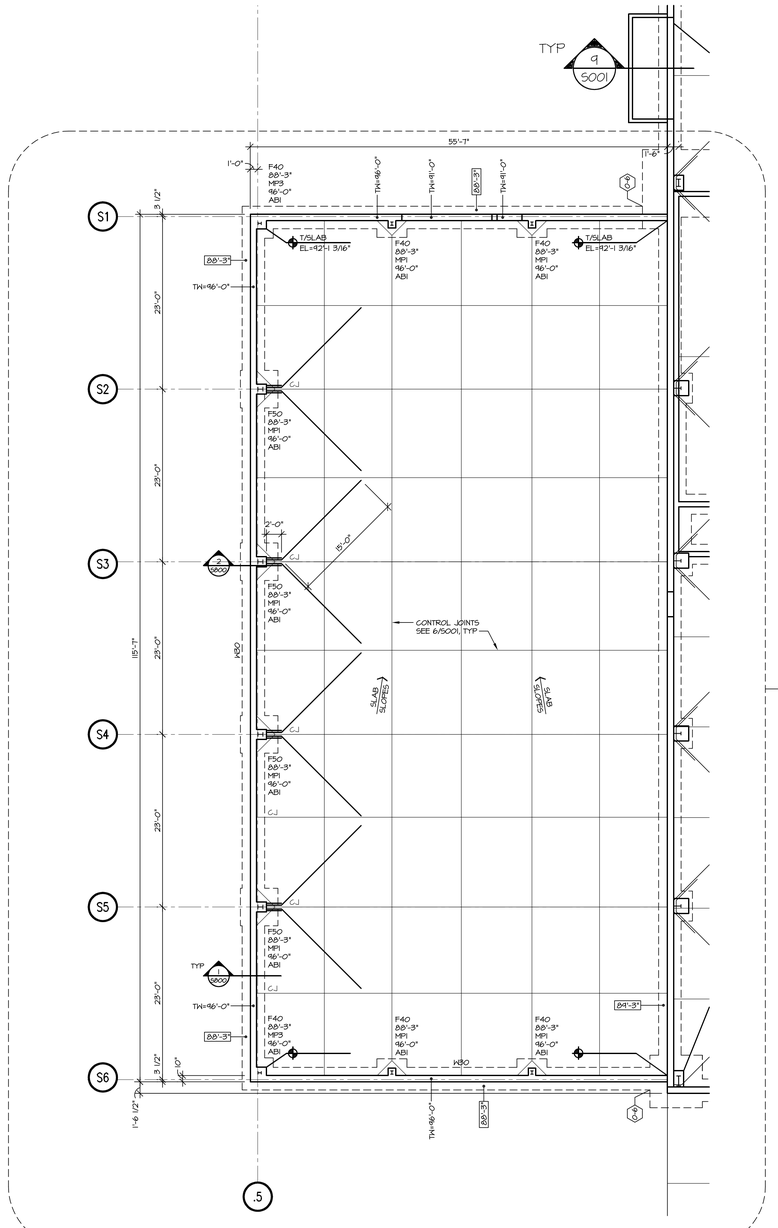
2) SLAB-ON-GRADE TO BE 6" THICK WITH WWF6x6/W4.0xW4.0 2" OFF TOP OF SLAB ON 4" CRACKER COARSE ON 10 MIL VAPOR RETARDER. SEE ARCH FOR SLAB ELEVATIONS.

3) OVER-EXCAVATION PER DETAIL 1/S001 MAY BE REQUIRED TO REMOVE EXISTING UNDOCUMENTED FILL AND UNSUITABLE BEARING SOIL.

4) TYPICAL DETAILS THAT APPLY TO PLAN INCLUDE;

   2/S001 FOOTING STEP DETAIL
   3/S001 FOOTING STEP DETAIL
   4/S001 CONCRETE WALL JOINT DETAIL
   5/S001 PIPE PASSING UNDER WALL FOOTING
   6/S001 SLAB ON GRADE JOINT DETAIL
   8/S001 CONCRETE WALL OPENING DETAIL
   9/S001 STOOP DETAIL
   12/S001 CORNER REINFORCEMENT DETAIL

5) TYPICAL WHERE SLAB-ON-GRADE ABUTS WALL OR COLUMN, PROVIDE 1/4" x (SOG5 DEPTH) ISOLATION FILLER STRIP. SET STRIP 1/4" BELOW FINISH SLAB ELEVATION.



BID ALTERNATE #3

N

1 S201F

FOUNDATION PLAN – AREA F

SCALE: 1/8"= 1'-0"

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

FOUNDATION PLAN AREA F

E F D C B A

KEY PLAN

N

SHEET NO.

S201F

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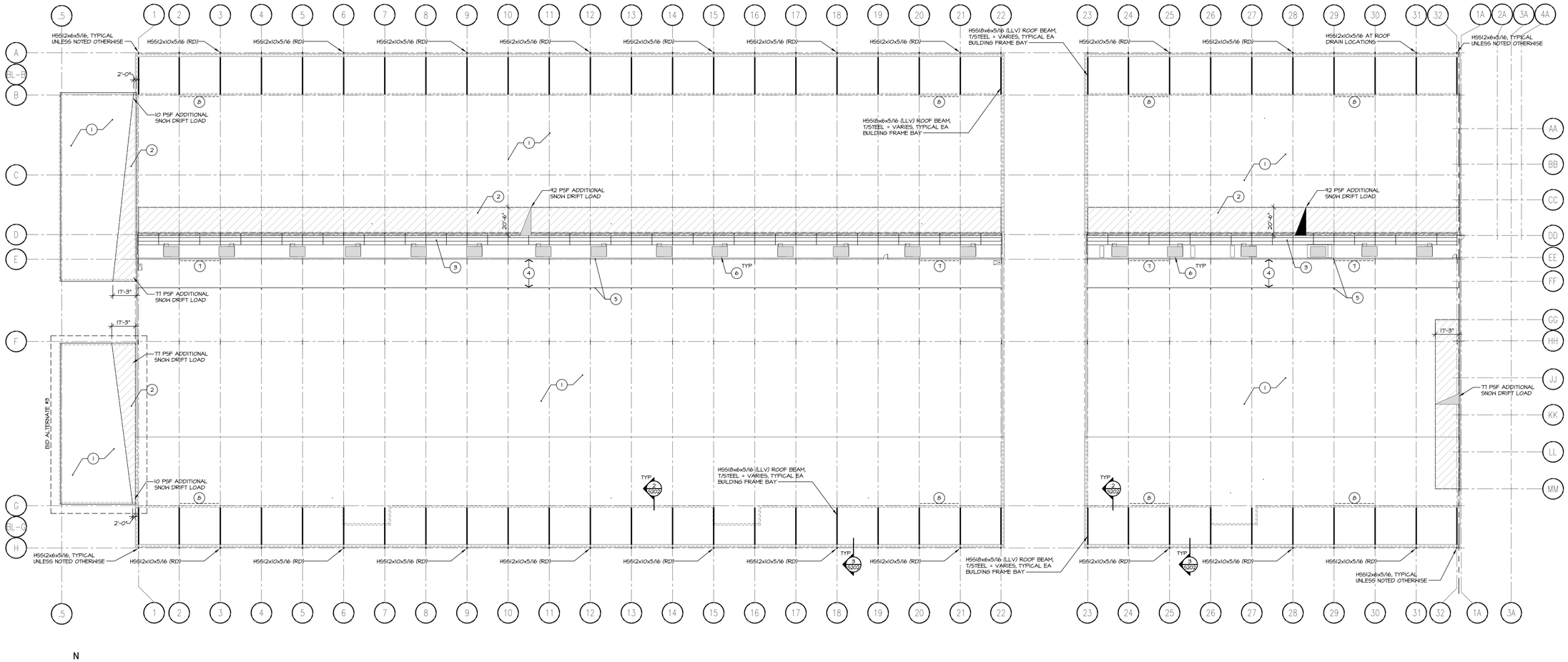
11/27/2013 8:49:41 AM



N

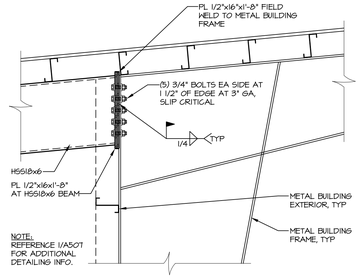
1 S202

MEZZANINE AND ROOF LOADS

SCALE: 1/32"= 1'-0"

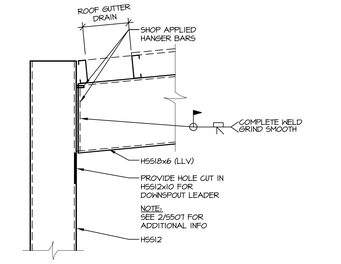
KEYED NOTES:

1. TYPICAL ROOF SNOW LOAD AND COLATERAL DEAD LOAD.
2. SNOW DRIFT LOAD THAT IS IN ADDITION TO THE TYPICAL ROOF SNOW LOAD.
3. 20 PSF LIVE LOAD IN ACCESS TO SNOW LOAD FOR SERVICE WAY.
4. WALKABLE PLENUM 20 PSF LIVE LOAD, 10 PSF COLLATERAL DEAD LOAD.
5. PLENUM WALL, 10 PSF COLLATERAL DEAD LOAD, +/-5 PSF LATERAL AIR MOVEMENT PRESSURE.
6. MECHANICAL EQUIPMENT, 15,000 LBS UNIT + 1,000 LBS MECH UNIT CURB. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFO.
7. PORTAL FRAME BAY.
8. LATERAL BRACE BAY.



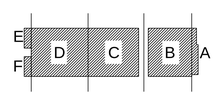
2 S202 TYP FRAME CONNECTION

SCALE: 3/4"=1'-0



3 S202 TYP FRAME CONNECTION

SCALE: 3/4"=1'-0



KEY PLAN

N

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ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

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CONSULTANT

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

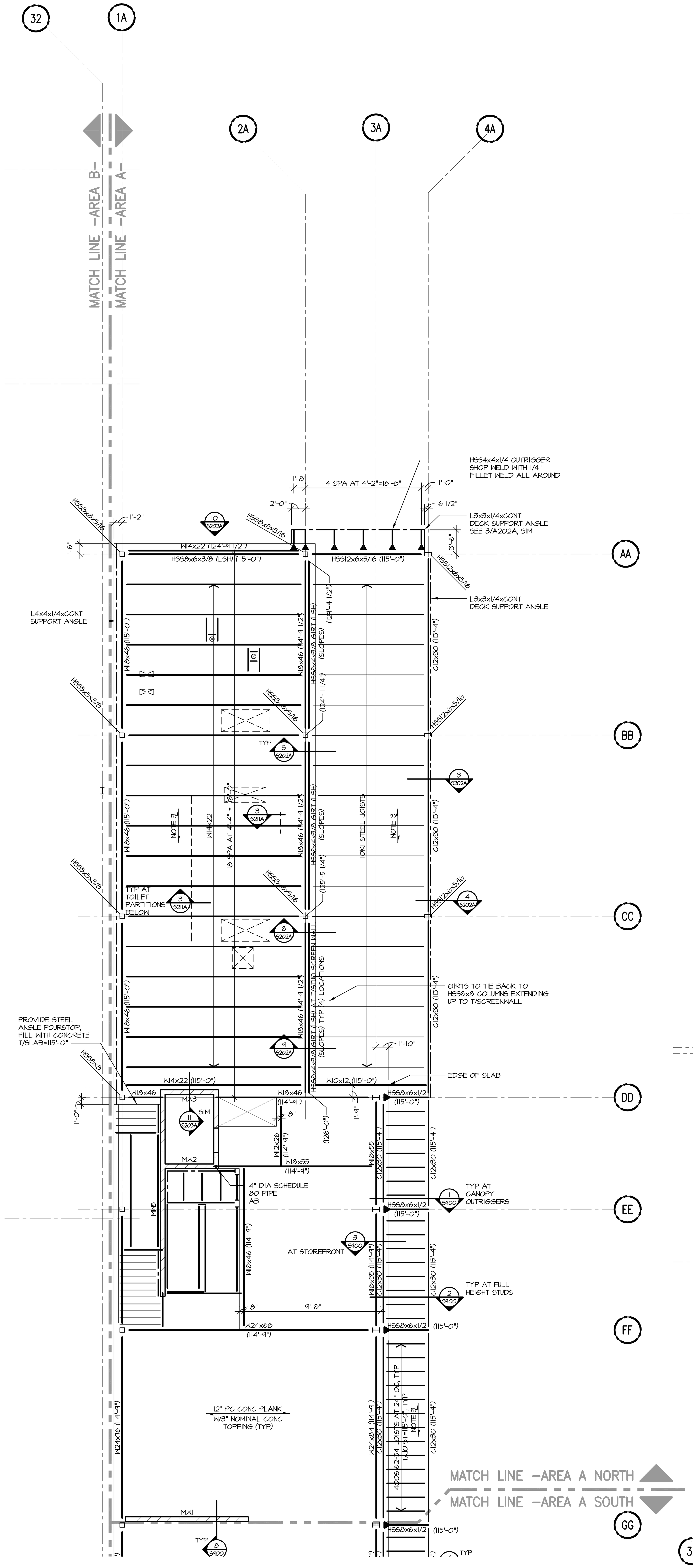
1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

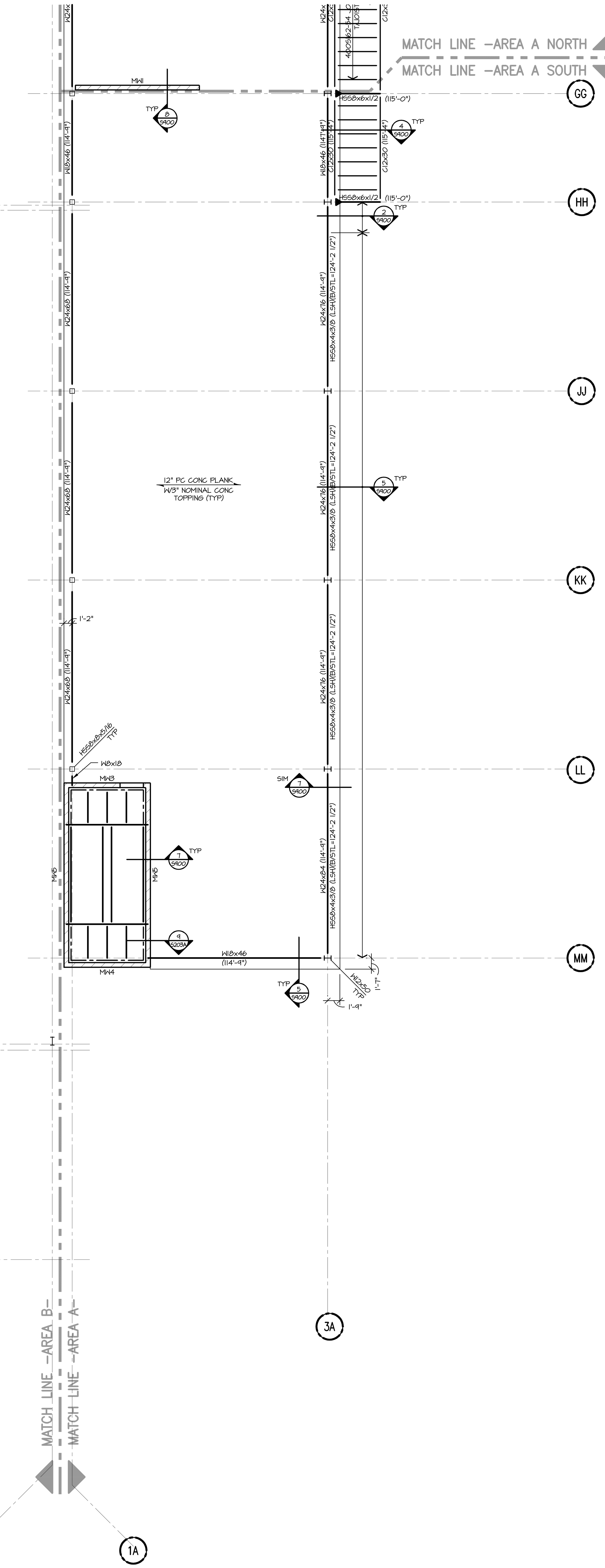
STRUCTURAL MEZZANINE AND ROOF LOADS

SHEET NO.

S202



1 S202A **LOW ROOF FRAMING PLAN – AREA A NORTH**
SCALE: 1/8"= 1'-0"



2 S202A **MEZZANINE FRAMING – AREA A SOUTH**
SCALE: 1/8"= 1'-0"

NOTES:

1) TOP OF PRECAST PLANK WITH 3" TOPPING = 116'-0"
2) METAL DECK BEARING ELEVATION = 115'-0".
JOIST BEARING ELEVATION = 114'-9 1/2".
3) 1 1/2" TYPE B, 24 GA METAL ROOF DECK (PRIME PAINTED). ATTACH TO STRUCTURE WITH 36/4 WELD PATTERN AND (3) #10 SELF-DRILLING SCREWS AT SIDE LAPS.

THICK = 0.0239 IN	I_P = 0.1210 IN^4/FT	S_P = 0.1200 IN^3/FT
F_Y = 60 KSI	I_N = 0.1210 IN^4/FT	S_N = 0.1310 IN^3/FT

4) PROVIDE COLD-FORMED STEEL STUD BUNDLE TO FORM HSS8x4 SUPPORT AT SCREEN WALL. SEE DETAIL 5/S202A.
5) PROVIDE DOUBLE ANGLE BOLTED CONNECTIONS, TYPICAL.

MASONRY WALL REINFORCEMENT SCHEDULE

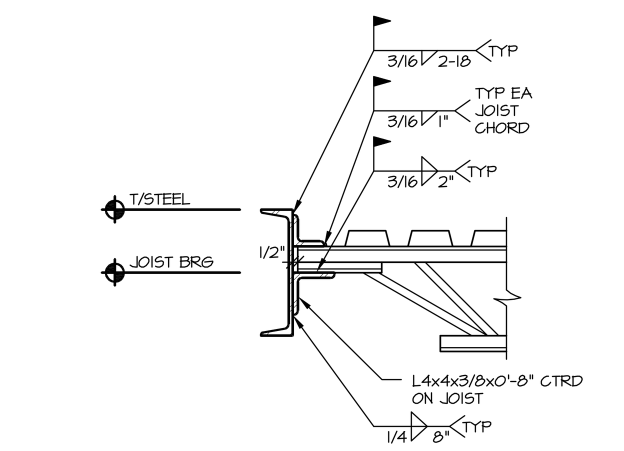
MW1 8" CMU. PROVIDE (2) #5 VERT IN ADJACENT CELLS AT EACH END. REINFORCE BALANCE OF WALL W/#5 VERT AT 32" OC.

MW2 8" CMU. WALL TO BE FULLY GROUTED. REINFORCE EACH END W/(3) #6 VERT IN ADJACENT CELLS. REINFORCE BALANCE OF WALL W/#5 VERT AT 24" OC.

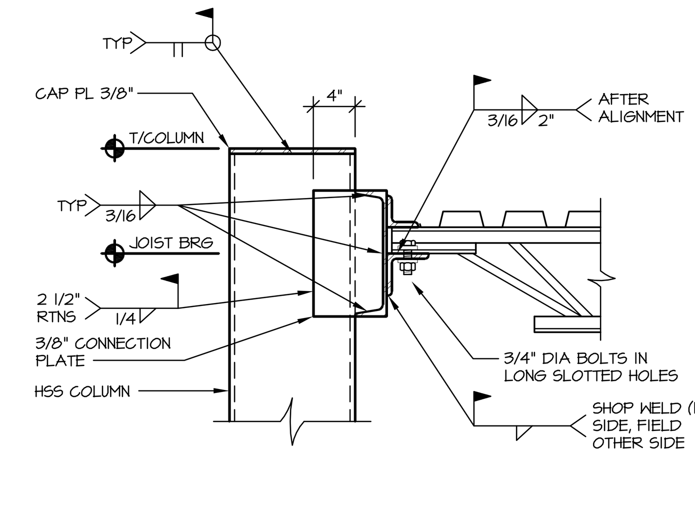
MW3 8" CMU. WALL TO BE FULLY GROUTED. REINFORCE EACH END W/(2) #5 VERT IN ADJACENT CELLS. REINFORCE BALANCE OF WALL W/#5 VERT AT 24" OC.

MW4 8" CMU. WALL TO BE FULLY GROUTED. REINFORCE EACH END (SOUTHEAST CORNER & EAST SIDE JAMB OF VERT WINDOW) W/(2) #5 VERT IN ADJACENT CELLS. REINFORCE BALANCE OF WALL W/#5 VERT AT 24" OC. ALSO PROVIDE HORIZONTAL BOND BEAMS AT 48" OC W/(2) #4 FULL HEIGHT OF WALL

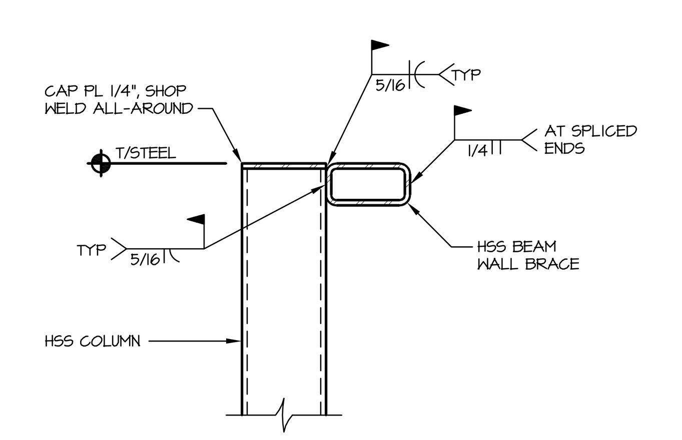
MW5 8" CMU. PROVIDE (2) #5 VERT AT EACH END. REINFORCE BALANCE OF WALL W/#5 VERT AT 32" OC.



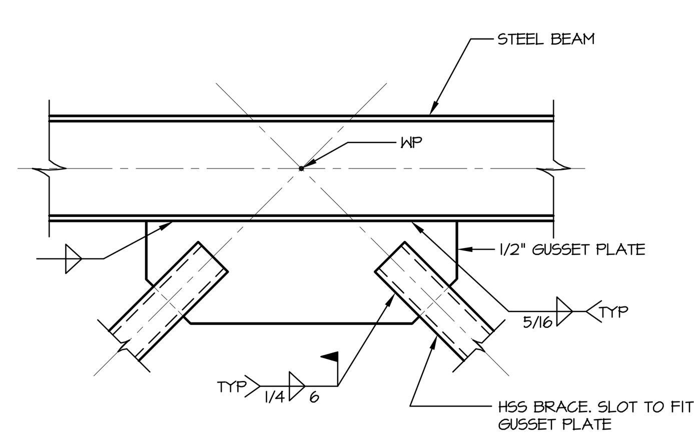
3 S202A **JOIST BEARING**
SCALE: NONE



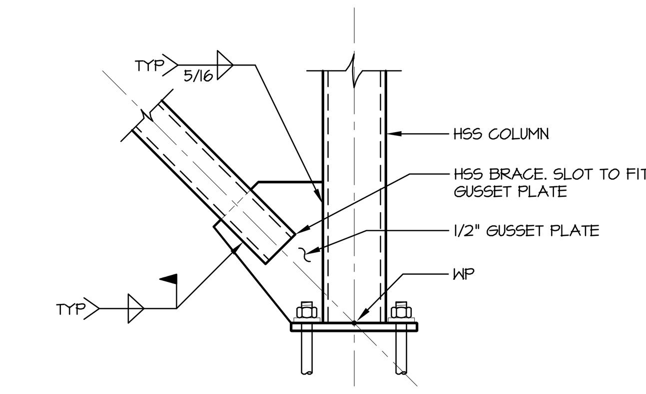
4 S202A **JOIST BEARING**
SCALE: NONE



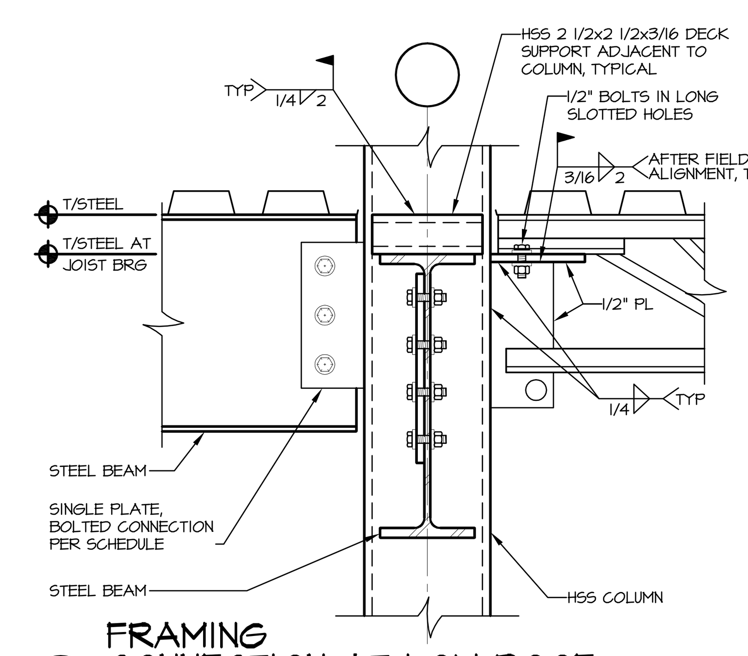
5 S202A **SCREEN WALL FRAMING**
SCALE: NONE



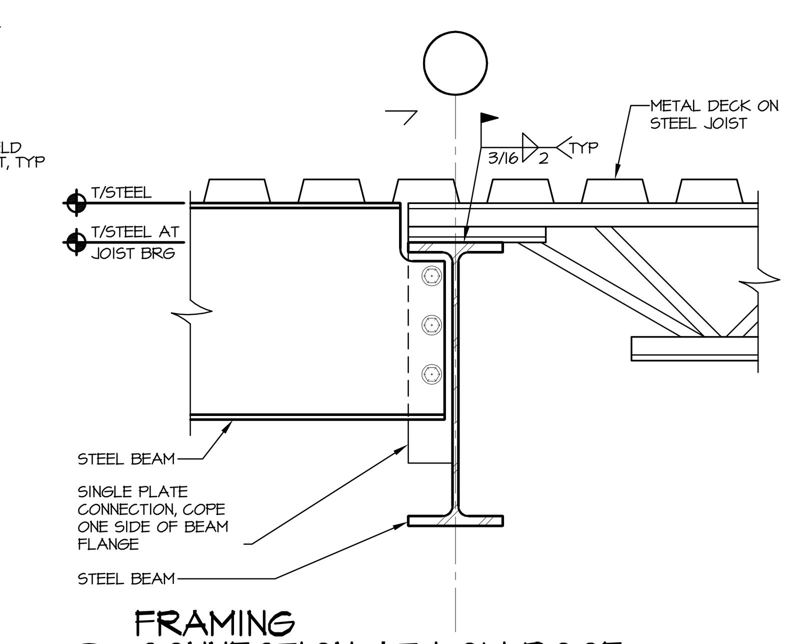
6 S202A **HSS BRACE CONNECTION**
SCALE: NONE



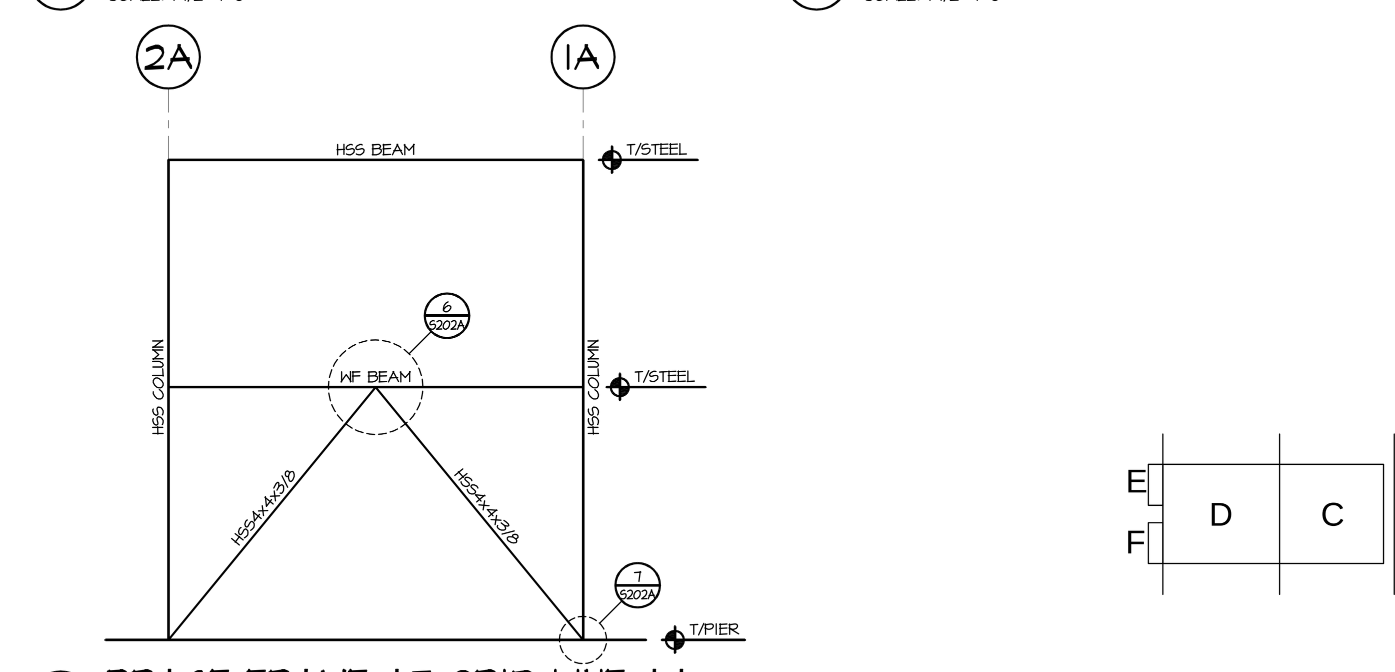
7 S202A **HSS BRACE BASE CONNECTION**
SCALE: NONE



8 S202A **FRAMING CONNECTION AT LOW ROOF**
SCALE: 1 1/2"=1'-0



9 S202A **FRAMING CONNECTION AT LOW ROOF**
SCALE: 1 1/2"=1'-0



10 S202 **BRACE FRAME AT GRID LINE AA**
SCALE: NONE

STRANG

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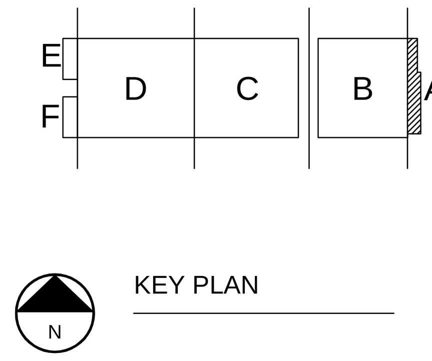

KEY PLAN

CONSULTANT

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A&O PROJECT #130172

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PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

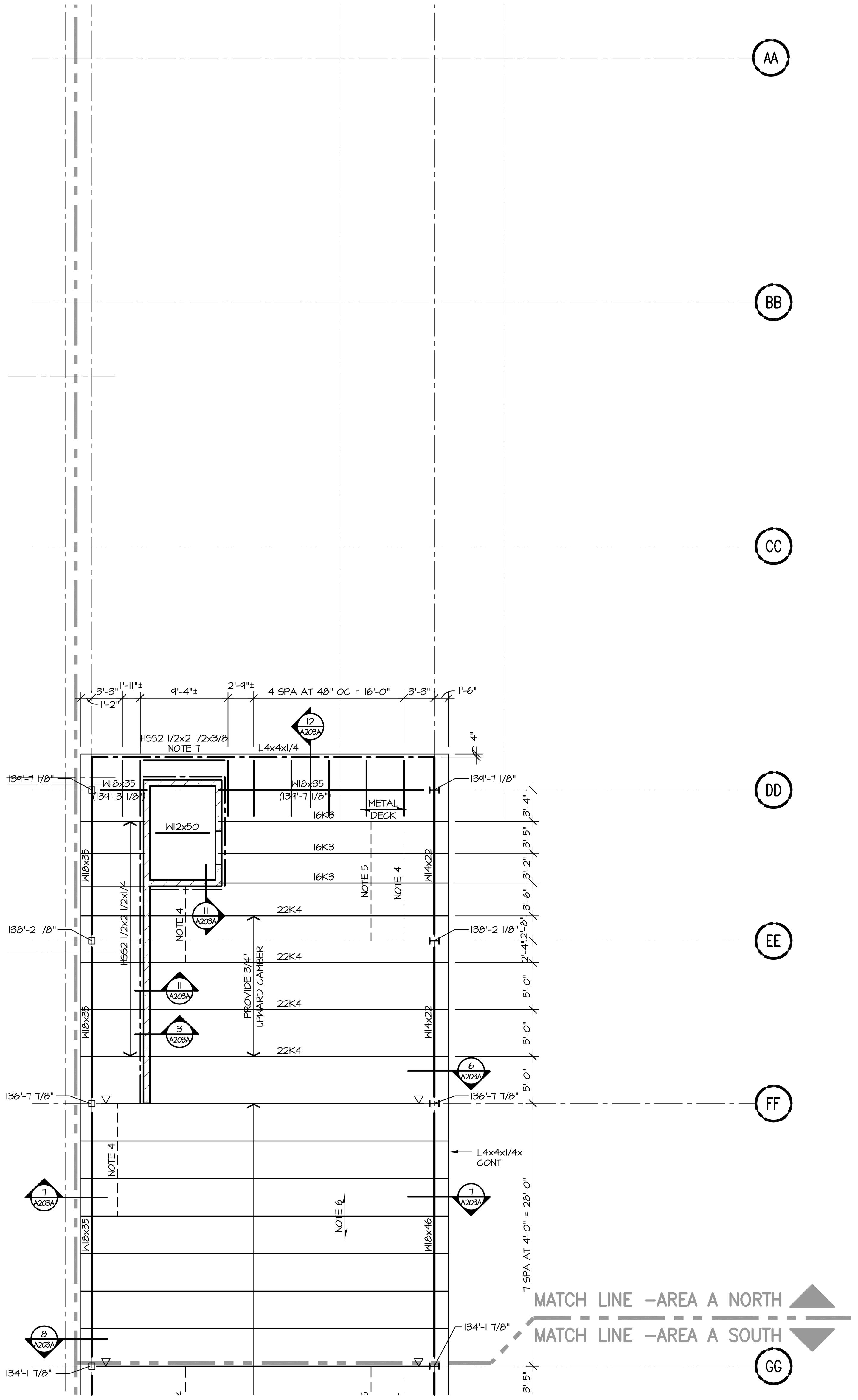
1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

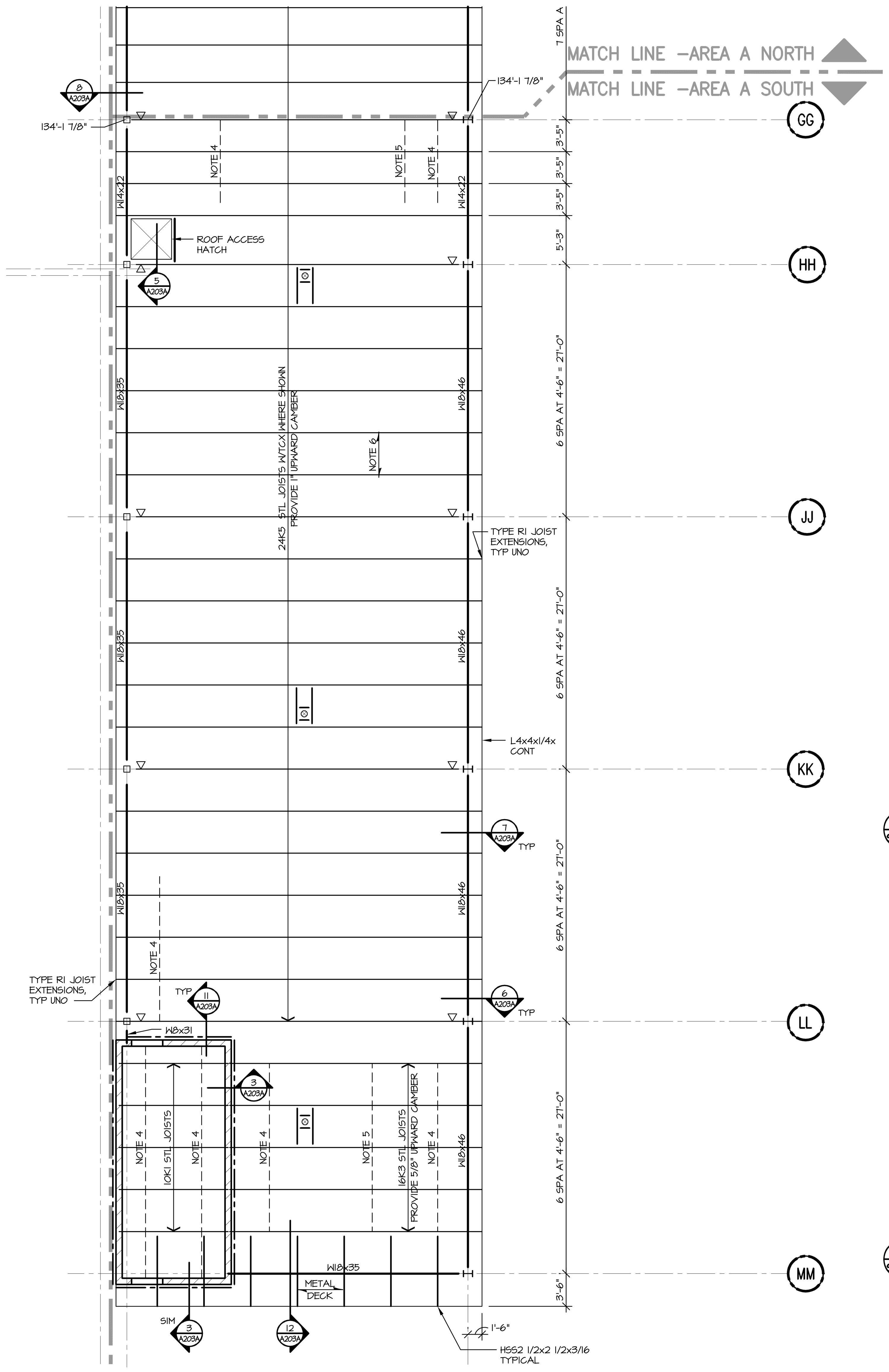
MEZZANINE FRAMING LOW ROOF FRAMING AREA A

SHEET NO.

S202A



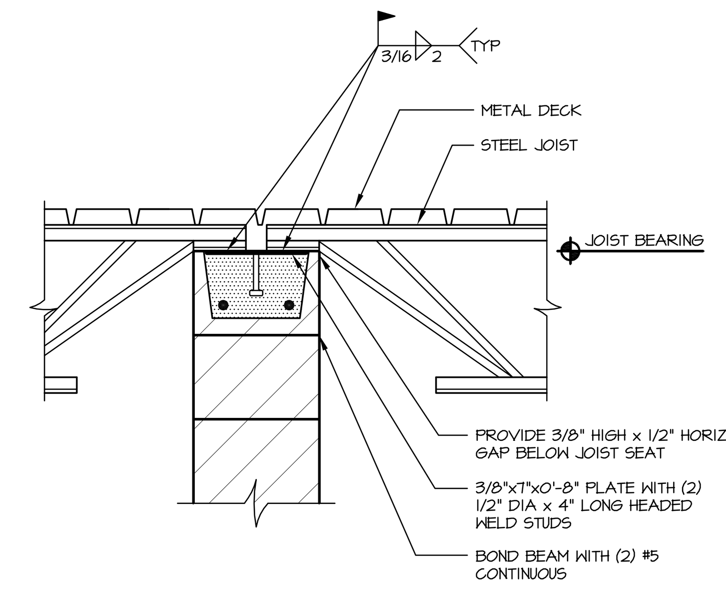
1 S203A HIGH ROOF FRAMING PLAN – AREA A NORTH
SCALE: 1/8"= 1'-0"



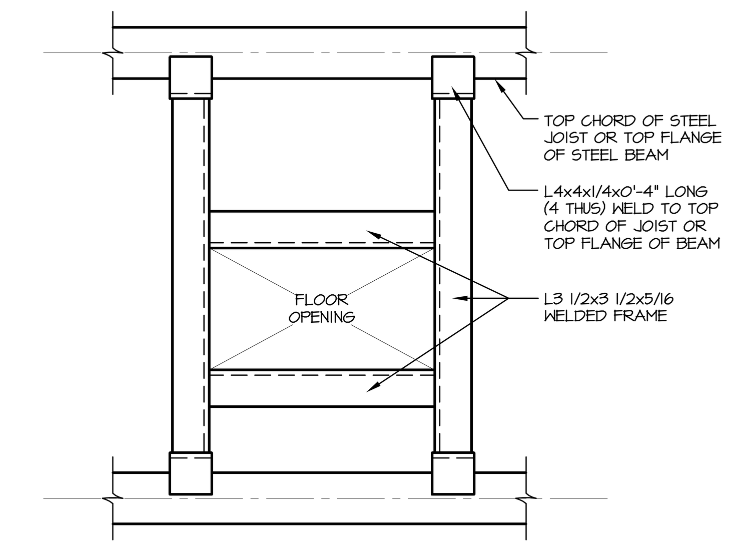
2 S203A HIGH ROOF FRAMING PLAN – AREA A SOUTH
SCALE: 1/8"= 1'-0"

NOTES:

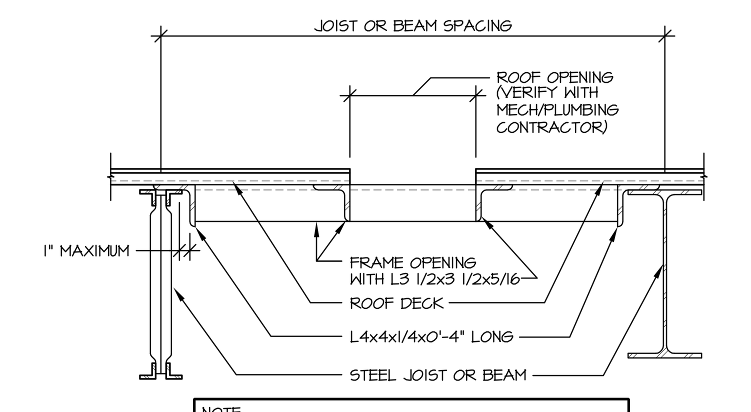
1) TOP OF STEEL = 132'-9 1/2" UNO.
2) JOIST BEARING ELEVATION = 132'-9 1/2"
3) ▽ INDICATES JOIST BOTTOM CHORD EXTENSION
4) WIND UPLIFT BRIDGING PER SJI REQUIREMENTS
5) JOIST BRIDGING PER SJI REQUIREMENTS
6) 1 1/2" TYPE B, 24 GA METAL ROOF DECK (PRIME PAINTED). ATTACH TO STRUCTURE WITH 36/4 WELD PATTERN AND (3) #10 SELF-DRILLING SCREWS AT SIDE LAPS.
   THICK = 0.0239 IN   I P = 0.1070 IN⁴/FT   SP = 0.1200 IN³/FT
   FY = 60   I N = 0.1350 IN⁴/FT   SN = 0.1310 IN³/FT
7) FIELD WELD TO ADJACENT HSS2 1/2x2 1/2s



3 S203A K-SERIES JOIST ON MASONRY WALL
SCALE: NONE

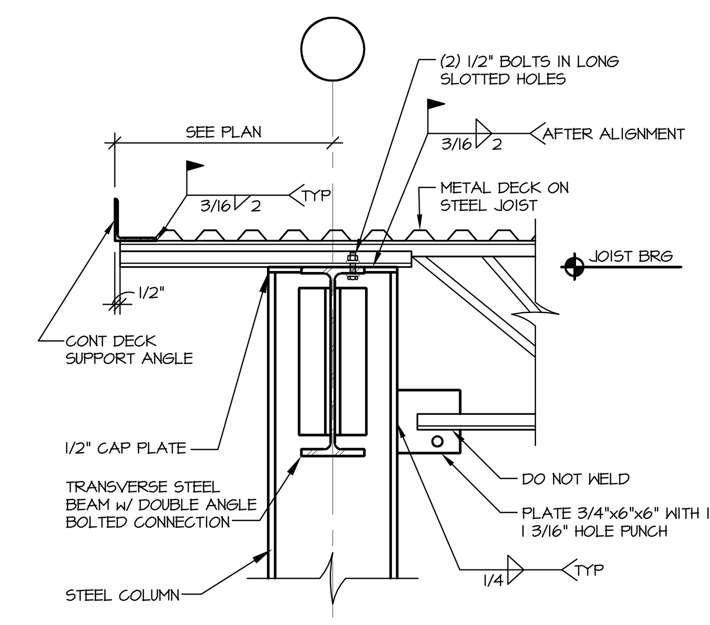


4 S203A TYPICAL FRAMING AT FLOOR OPENINGS
SCALE: NONE

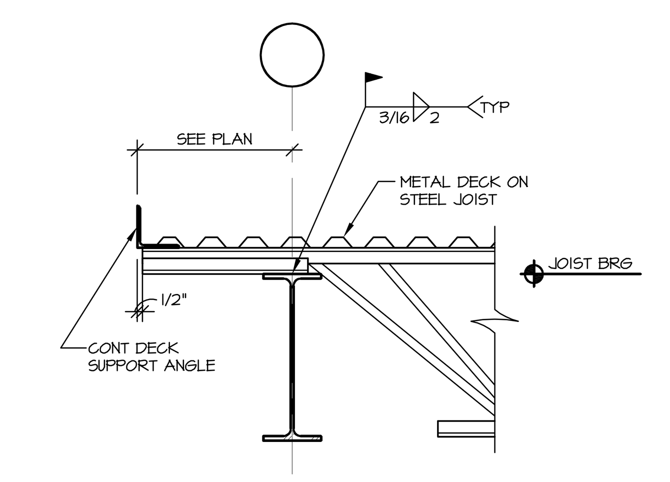


NOTE:
GC TO VERIFY SIZE, SHAPE AND LOCATION OF ALL ROOF OPENINGS WITH APPROPRIATE TRADES PROVIDING TYPICAL FRAME AT ALL OPENINGS:
1) LARGER THAN 13" DIAMETER OR 9" SQUARE OR
OR
2) SUPPORTING IN EXCESS OF 60 LBS EQUIPMENT LOADS

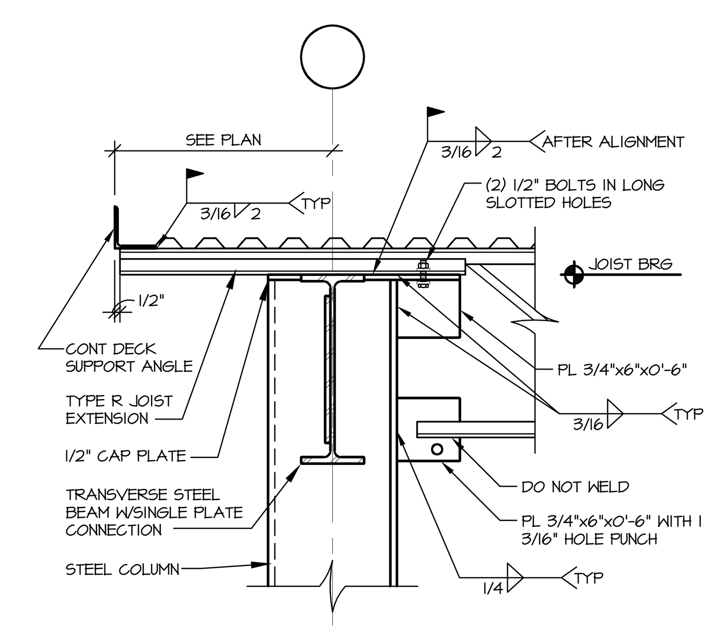
5 S203A TYPICAL FRAMING AT ROOF OPENINGS
SCALE: NONE



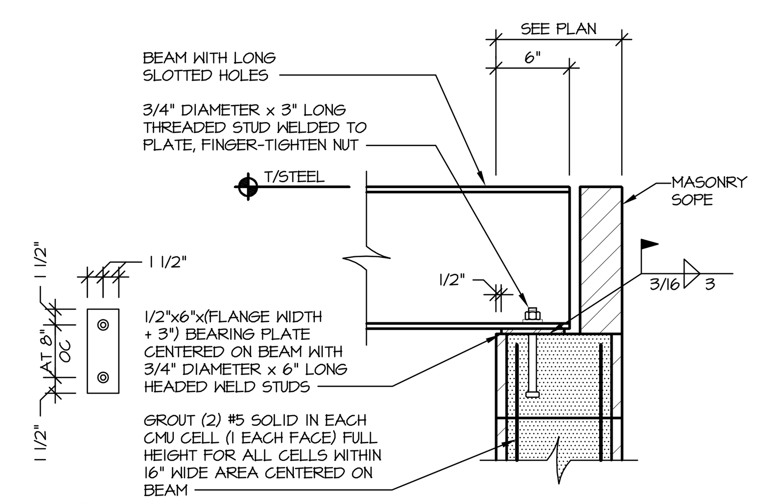
6 S203A WF COLUMN CONNECTION AT ROOF
SCALE: NONE



7 S203A JOIST BEARING
SCALE: NONE

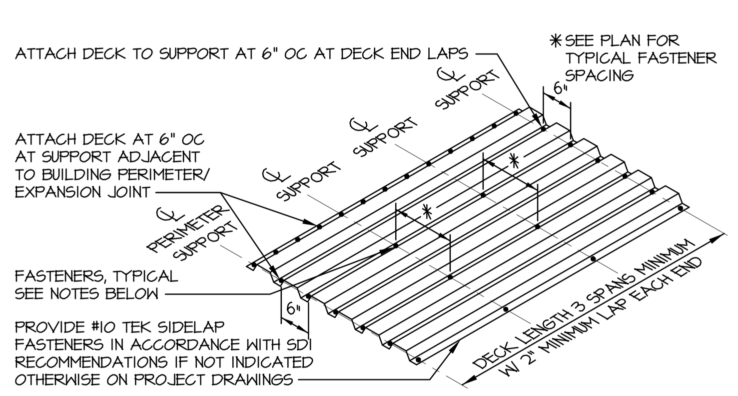


8 S203A WF COLUMN CONNECTION AT ROOF
SCALE: NONE



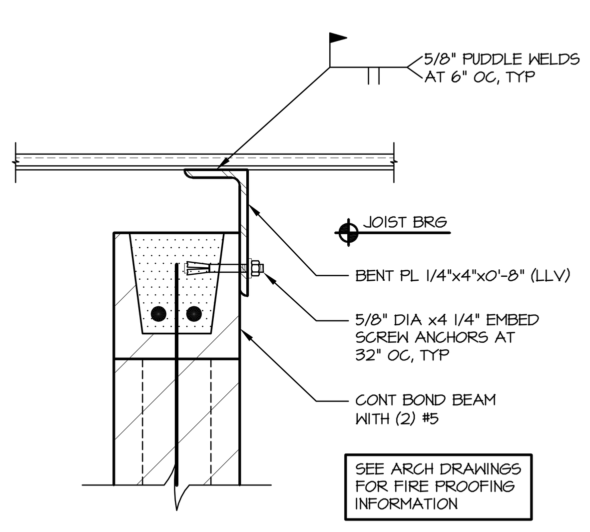
NOTES:
1. DETAIL APPLIES AT ALL BEAMS BEARING ON WALLS EXCEPT FOR LINTELS AND WHERE OTHERWISE NOTED.
2. WHERE BEAM BUTTS INTO AND BEARS ON PARALLEL WALL, PROVIDE 1/2"x12"x (FLANGE WIDTH + 3", BUT NOT GREATER THAN WALL WIDTH) BEARING PLATE SIMILAR TO ABOVE CHANGING 7" BEARING LENGTH TO 11"

9 S203A BEAM BEARING DETAIL
SCALE: NONE

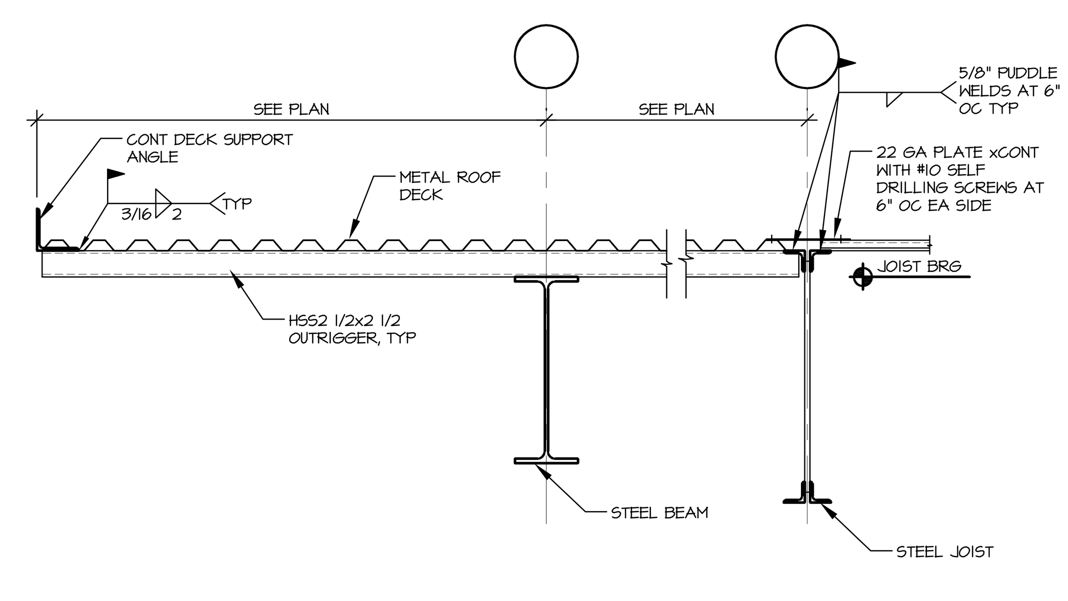


FASTEN DECK TO SUPPORTING MEMBERS USING FASTENING METHOD INDICATED ON DRAWINGS AND ACCORDING TO THE FOLLOWING REQUIREMENTS:
A) WELDING (DEFAULT UNLESS NOTED OTHERWISE): ALL WELDS ARE TO BE 5/8" DIA PUDDLE WELDS. USE WELDING WASHERS ON ALL DECKS EQUAL TO OR LESS THAN 24 GAUGE THICKNESS.
B) SCREWING: BUILDEX #12 TEK SCREWS OR EQUAL
C) POWDER-ACTIVATED FASTENERS: HILTI ENP2 AND 3, RAMSET 265D, OR APPROVED EQUAL (SUBMIT MANUFACTURER LITERATURE FOR APPROVAL ON EQUAL PRIOR TO USING POWDER-ACTIVATED PRODUCT.)
D) PNEUMATICALLY-DRIVEN FASTENERS: PNUETEK PINS OR EQUAL (SUBMIT MANUFACTURERS LITERATURE FOR APPROVAL PRIOR TO USING ANY PNEUMATICALLY-DRIVEN PRODUCT)

10 S203A METAL DECK FASTENING DETAIL
SCALE: NONE



11 S203A CMU WALL AT METAL DECK
SCALE: NONE



12 S203A WF COLUMN CONNECTION AT ROOF
SCALE: NONE

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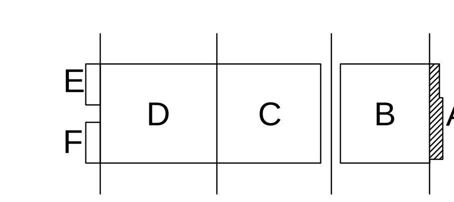
PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713



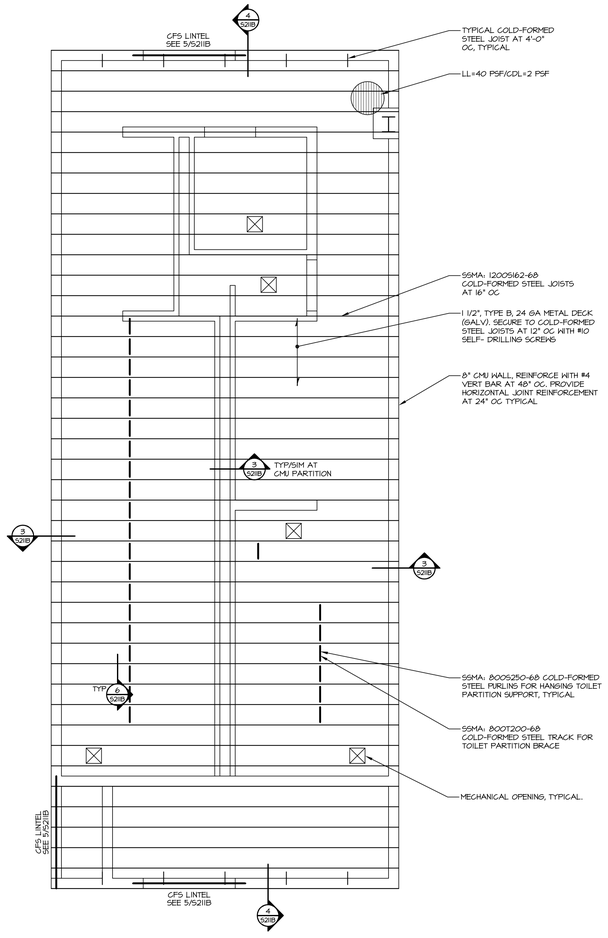
KEY PLAN

SHEET TITLE

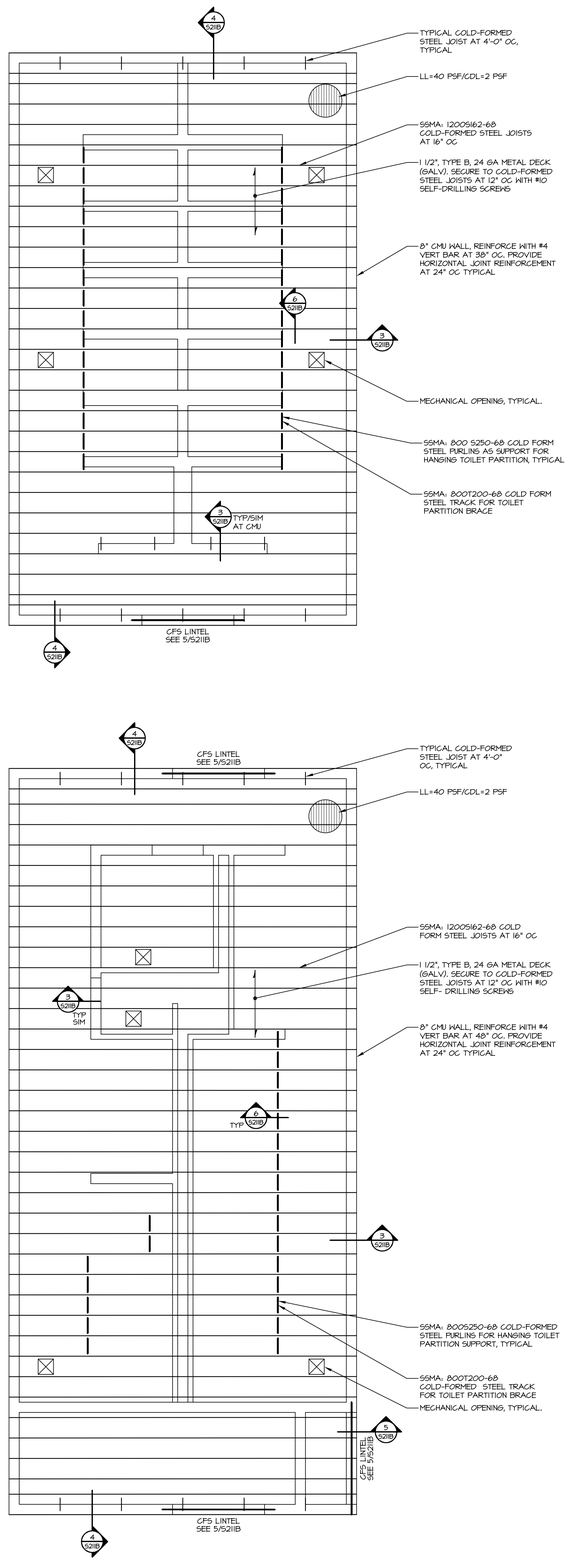
ROOF FRAMING PLAN AREA A

SHEET NO.

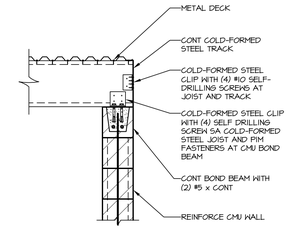
S203A



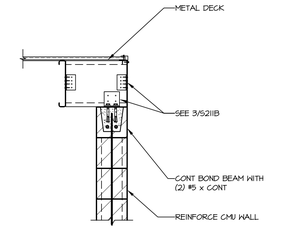
N 1 S211B CEILING FRAMING AT TOILET ROOM
SCALE: 1/4"= 1'-0"



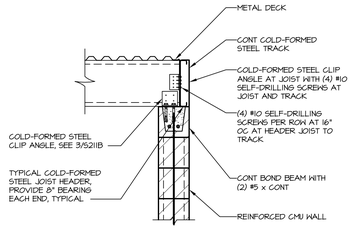
N 2 S211B CEILING FRAMING AT TOILER/SHOWER ROOMS
SCALE: 1/4"=1'-0"



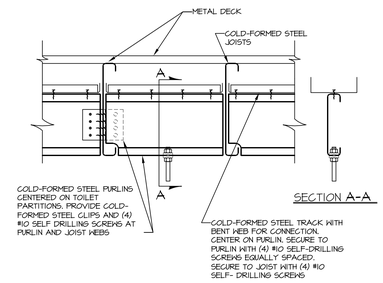
3 S211B COLD-FORMED STEEL FRAMING
SCALE: 3/4"=1'-0"



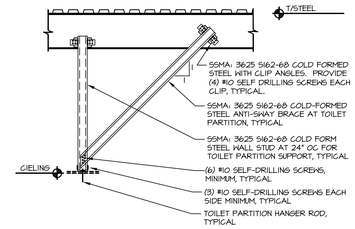
4 S211B COLD-FORMED STEEL FRAMING
SCALE: 3/4"=1'-0"



5 S211B COLD-FORMED STEEL FRAMING
SCALE: 3/4"=1'-0"



6 S211B COLD-FORMED STEEL AT TOILET PARTITION
SCALE: 1 1/2"=1'-0"



7 S211B SECTION
SCALE: NONE

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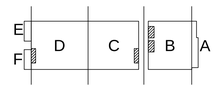
PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

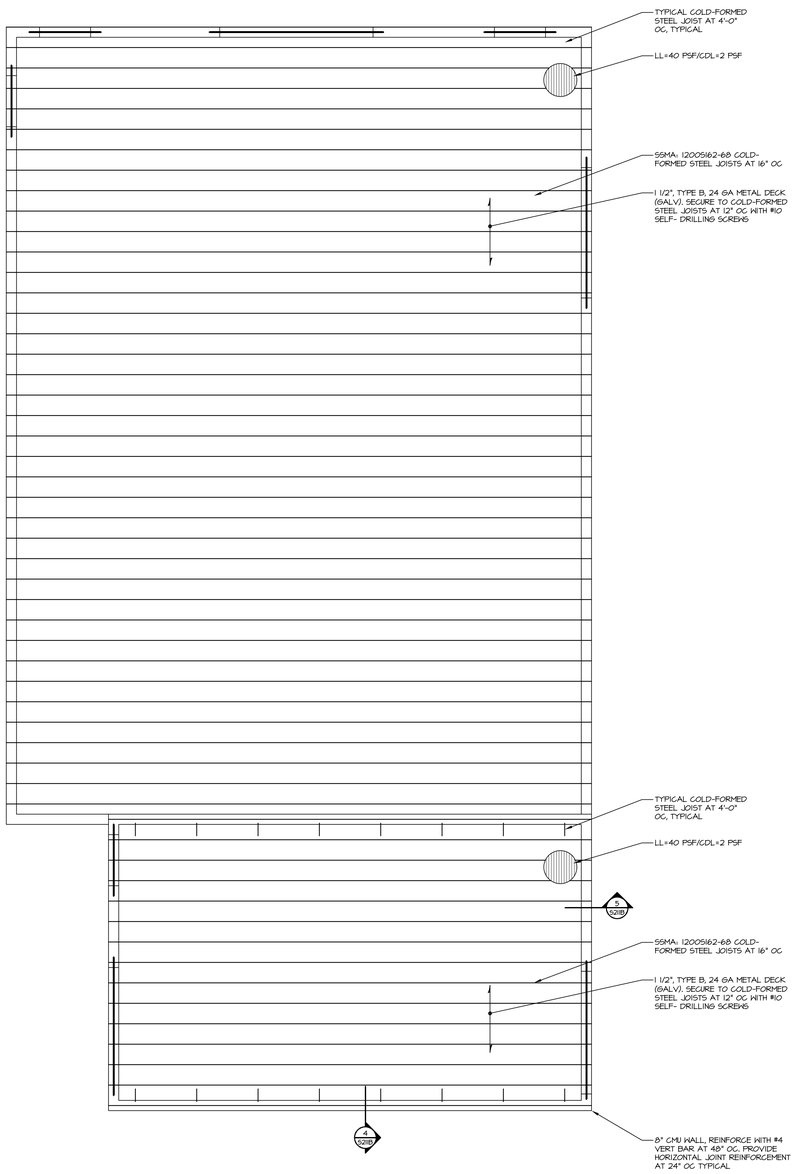
CEILING FRAMING PLANS AT TOILET/ SHOWER ROOMS



KEY PLAN

SHEET NO.

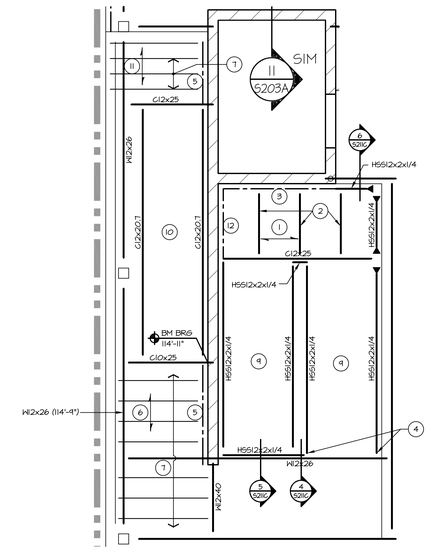
S211B



N 1 S211C

CEILING FRAMING AT MILKHOUSE, MECHANICAL AND CONCESSIONS

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



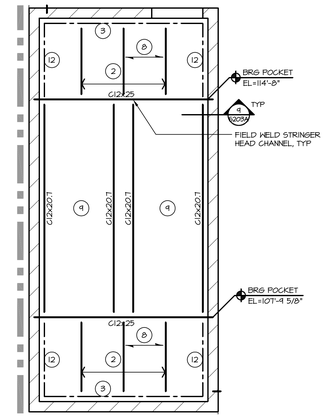
N 2 S211C

STAIR A FRAMING PLAN

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

STAIR FRAMING PLAN KEYED NOTES:

1. 4" TOTAL THICKNESS CONCRETE LANDING WITH SYNTHETIC MACRO-FIBERS ON 0.6C24 METAL DECK WELDED IN PLACE WITH 5/8" DIA PUDDLE WELDS AT 12" OC. T/LANDING = 108'-6 7/8". T/STEEL = 108'-2 7/8".
2. C6x8.2 EQUALLY SPACED. PROVIDE SINGLE PLATE CONNECTION WITH (1) 3/4" DIA BOLT.
3. L6x4x3/8 (LLV). ATTACH WITH 5/8" DIAx4 1/4" EMBEDMENT SCREW ANCHORS AT 32" OC INTO CMU WALL AND (2) AT 6" EACH SIDE OF BOLTED CONNECTION. PROVIDE CMU BOND BEAM W/(2) #5 CONT.
4. BEAR STAIR STRINGER ON PRECAST PLANK. DL=3.5K, LL=3.5K
5. L4x4x1/4 FOR COLD-FORMED JOIST SUPPORT. ATTACH TO CMU WALL WITH 5/8" DIAx4 1/4" EMBEDMENT SCREW ANCHORS AT 32" OC
6. 3" TOTAL THICKNESS CONCRETE SLAB ON 1.0C.24 METAL FORM DECK (GALV). ATTACH WITH #10 SELF-DRILLING SCREWS AT 12" OC
7. PROVIDE 12" COLD-FORMED FRAMING FOR JOISTS AT 16" OC. JOISTS BEAR ON COLD-FORMED WALL AT WEST, L4x4 AT EAST.
8. 4" TOTAL THICKNESS CONCRETE SLAB WITH SYNTHETIC MACRO-FIBERS ON 1.0C.24 METAL FORM DECK (GALV). ATTACH WITH 5/8" DIA PUDDLE WELDS AT 12" OC
9. PROVIDE 10 GA STEEL BENT PLATES FOR CONCRETE FILLED PAN STAIRS. SHOP WELD IN PLACE.
10. PROVIDE 1/4" STEEL PLATE WITH DIAMOND PATTERN FOR STAIR TREADS
11. PROVIDE 1/4" STEEL PLATE WITH DIAMOND PATTERN FOR LANDING.
12. L6x4x3/8 (LLV). ATTACH WITH 5/8" DIAx4 1/4" EMBEDMENT SCREW ANCHORS AT 32" OC INTO CMU WALL AT BOND BEAM.



N 3 S211C

STAIR B FRAMING PLAN

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

4 S211C

TYPICAL STRINGER CONNECTION

SCALE: NONE

5 S211C

TYPICAL STAIR AT LANDING

SCALE: NONE

6 S211C

HANGING ROD CONNECTION

SCALE: NONE

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ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

CEILING FRAMING PLANS

KEY PLAN

SHEET NO.

S211C

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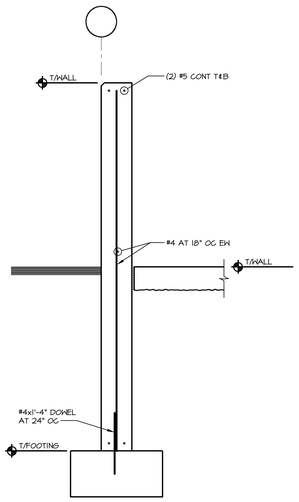
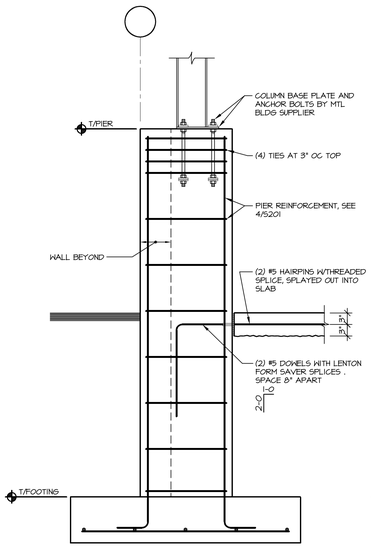
2/27/2013 2:44:41 PM



1 5800 TYPICAL FOUNDATION WALL

SCALE: NONE



2 5800 PIER ELEVATION

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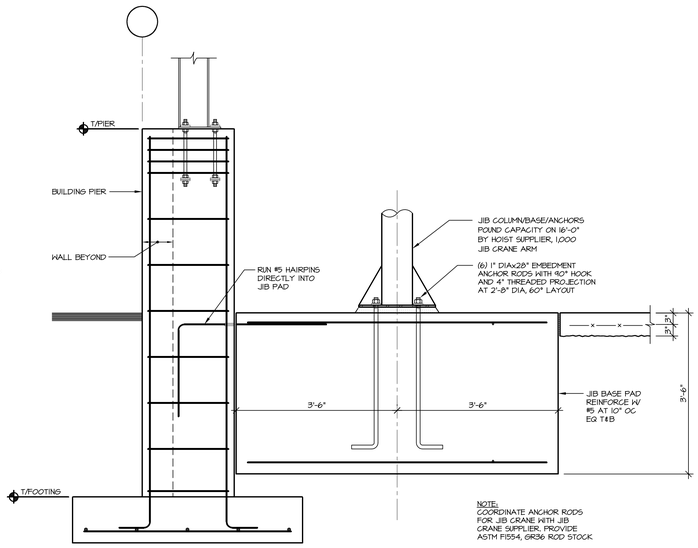

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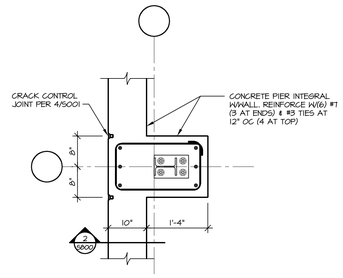

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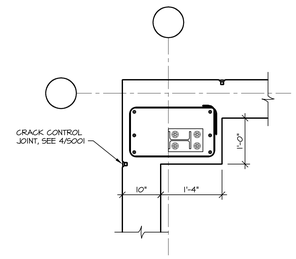

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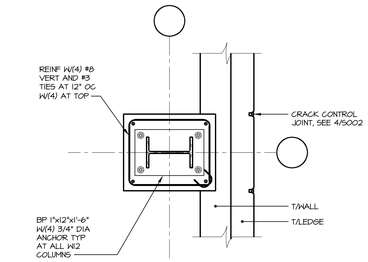

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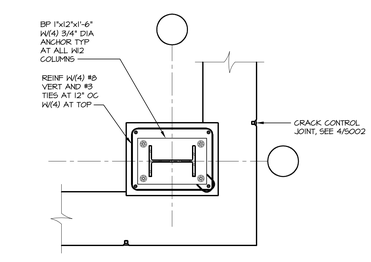

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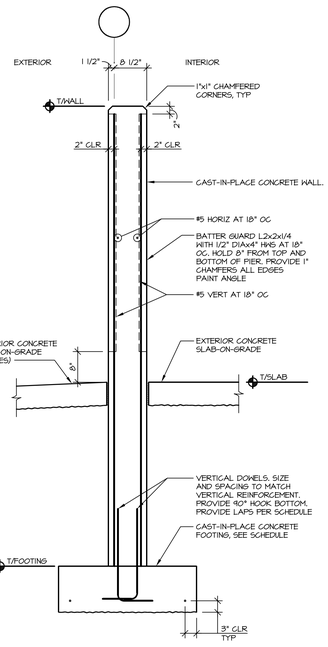
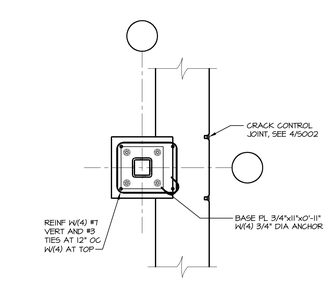


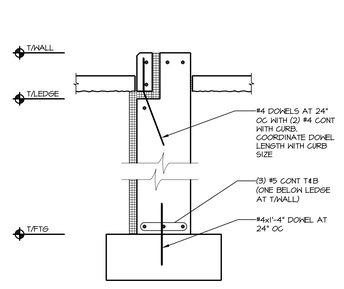
8 5800 TYPICAL FOUNDATION WALL

SCALE: NONE



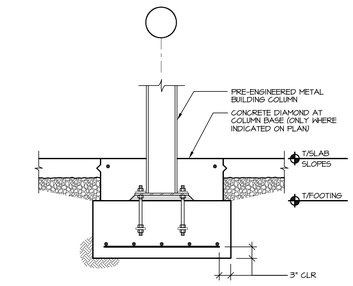
9 5800 PIER PFP3

SCALE: NONE



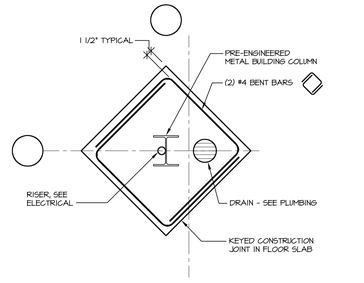
10 5800 TYP FDN WALL AT PRE-FUNCTION

SCALE: 3/4"=1'-0



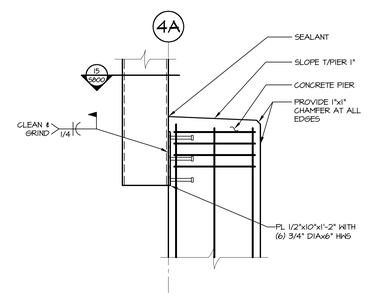
11 5800 TYP INTERIOR COLUMN FOOTING

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



12 5800 KEYED JOINT AT COLUMN

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

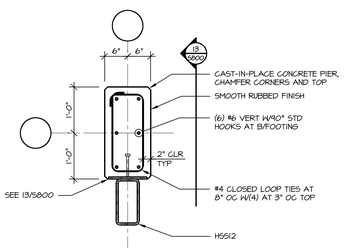


13 5800 HSS EXPOSED COLUMN AT PIER

SCALE: 3/4"=1'-0

14 5800 PIER P1

SCALE: NONE



15 5800 PIER P4

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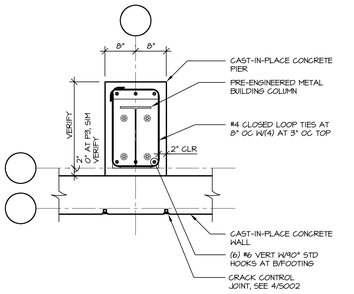

16 5800 PIER P3

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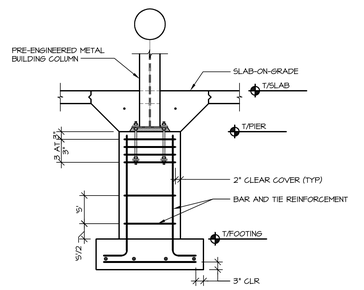
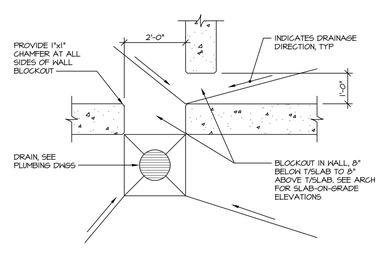


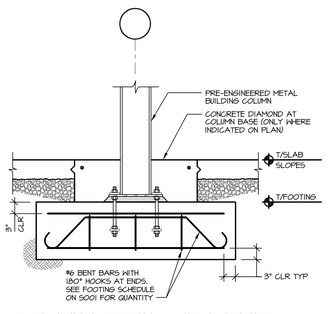
17 5800 TYPICAL CONCRETE PIER

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



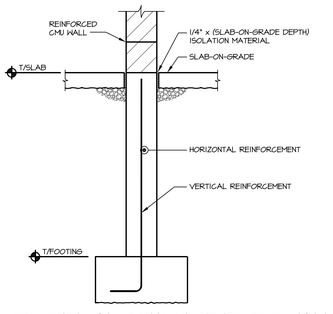
18 5800 WALL OPENINGS AT DRAIN

SCALE: 1/2"=1'-0



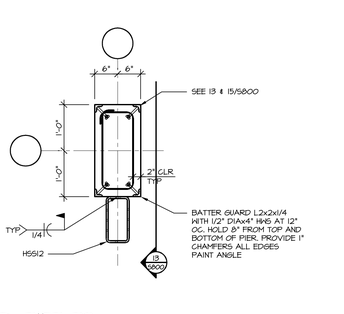
19 5800 COLUMN FOOTING WITH UPLIFT

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



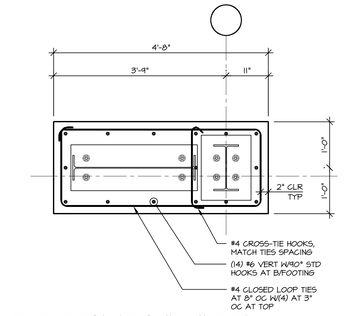
20 5800 TYPICAL CONCRETE FROST WALL

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



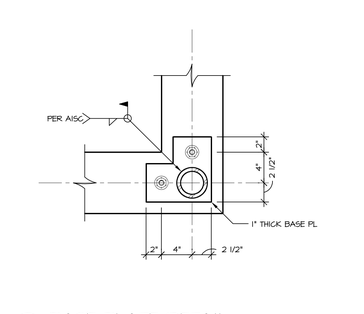
21 5800 PIER P2

SCALE: NONE



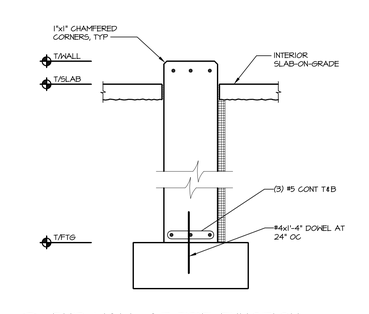
22 5800 PORTAL FRAME PIER P5

SCALE: NONE



23 5800 BASE PLATE DETAIL

SCALE: NONE



24 5800 FND WALL AT PRE-FUNCTION

SCALE: 3/4"=1'-0

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A&O PROJECT #130172

Contractors are responsible for the means, methods, techniques, sequences and procedures of construction including, but not limited to, temporary supports, shoring, forming to support imposed loads and other similar items.

DRAWING SET	CD
COPYRIGHT STRANG, INC.	2013
FILE NAME	130172_S001.dwg
REVISIONS	
DRAWN	MMO
CHECKED	PEK
DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

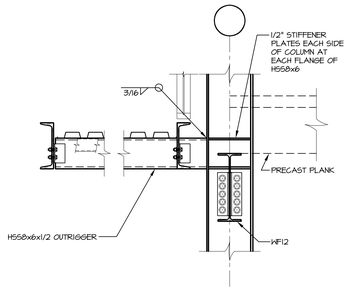
1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

FOUNDATION DETAILS

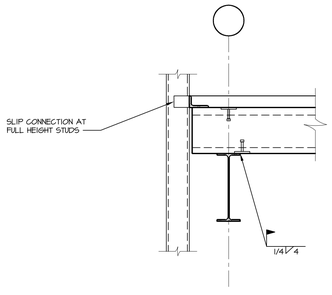
SHEET NO.

S800



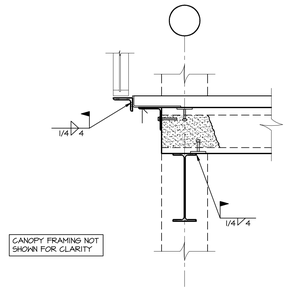
1 S400 SECTION AT CANOPY OUTRIGGER

SCALE: 3/4"=1'-0



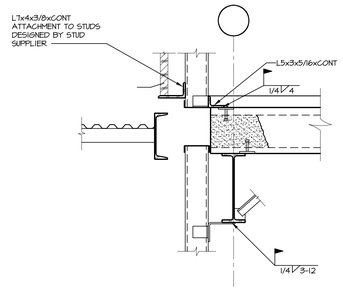
2 S400 SECTION AT FULL HEIGHT STUDS

SCALE: 3/4"=1'-0



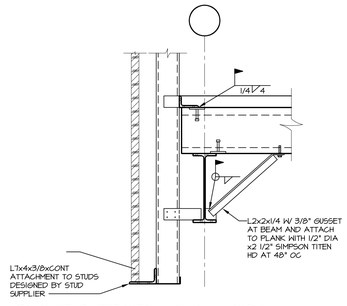
3 S400 MEZZ FLOOR EDGE AT STOREFRONT

SCALE: 3/4"=1'-0



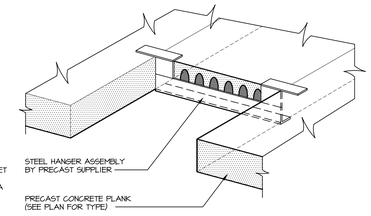
4 S400 STONE SUPPORT AT CANOPY

SCALE: 3/4"=1'-0



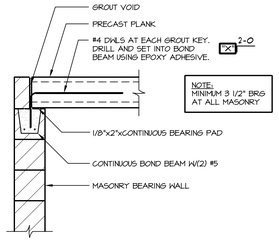
5 S400 STONE SUPPORT AT CANOPY

SCALE: 3/4"=1'-0



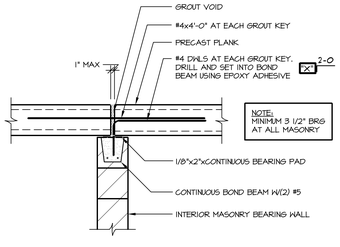
6 S400 PRECAST PLANK HANGER DETAIL

SCALE: NONE



7 S400 PRECAST BEARING AT MASONRY WALL

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



8 S400 PRECAST BEARING AT INTERIOR MASONRY WALL

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

MASONRY LINTEL SCHEDULE (LOAD BEARING WALLS)

LINTEL	THICKNESS	LINTEL SPAN	SECTION	REMARKS
ML1	8" CMU	0' TO 6'	8"x8" BOND BEAM W/(2) #5 BOTTOM	
ML2	8" CMU	6' TO 9'	8"x16" BOND BEAM W/(2) #5 BOTTOM ← KNOCK OUT BLOCK	
ML3	12" CMU	0' TO 6'	12"x8" BOND BEAM W/(2) #5 BOTTOM	
ML4	12" CMU	6' TO 9'	12"x16" BOND BEAM W/(2) #5 BOTTOM ← KNOCK OUT BLOCK	

NOTES:

1. PROVIDE 8" MINIMUM BEARING EACH END, TYPICAL.
2. GROUT ALL BOND BEAMS SOLID.
3. WIDTH OF BOND BEAM TO MATCH WIDTH OF WALL.
4. PROVIDE 1 1/2" BOTTOM CLEAR COVER.
5. SEE DETAIL 3/S812 FOR TYPICAL BRICK SUPPORT.
6. SEE LINTEL SCHEDULE ON SHEET S900 FOR STEEL AND CONCRETE LINTELS.
7. SEE ARCHITECTURAL DRAWINGS FOR MASONRY LINTEL LOCATIONS.

DOUBLE ANGLE CONNECTION SCHEDULE

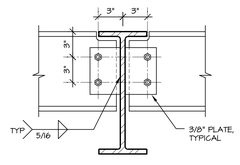
NOMINAL BEAM DEPTH, INCHES	ROWS OF BOLTS	LENGTH OF ANGLE	REMARKS	BOLT DIA
W44	12	2'-11 1/2"	SEE SECTION B-B FOR BACK TO BACK BEAM CONN.	1"
W40	11	2'-8 1/2"	SEE SECTION B-B FOR BACK TO BACK BEAM CONN.	1"
W36	10	1'-8 1/2"	SEE SECTION B-B FOR BACK TO BACK BEAM CONN.	1"
W30-W33	8	1'-8 1/2"	SEE SECTION B-B FOR BACK TO BACK BEAM CONN.	1"
W24-W27	7	1'-2 1/2"	SEE SECTION B-B FOR BACK TO BACK BEAM CONN.	1"
W21	6	11 1/2"	SEE SECTION B-B FOR BACK TO BACK BEAM CONN.	1"
W18	5	14 1/2"	SEE SECTION B-B FOR BACK TO BACK BEAM CONN.	1"
W16	4	11 1/2"	SEE SECTION B-B FOR BACK TO BACK BEAM CONN.	3/4"
W14	3	8 1/2"	SEE SECTION B-B FOR BACK TO BACK BEAM CONN.	3/4"
W12	2	5 1/2"	SEE SECTION B-B FOR BACK TO BACK BEAM CONN.	3/4"
W8-W10	-	-	SINGLE PLATE CONNECTION SEE SECTION A-A	3/4"

NOTES:

1. NUMBER OF ROWS IS EQUAL TO NUMBER OF BOLTS TO ENCLOSED WEB.
2. ALL FRAMING CONNECTIONS SHALL CONFORM TO SCHEDULE UNLESS DETAILED OTHERWISE ON FRAMING PLANS.
3. WHEN BOLTED CONNECTION IS USED IN ASSOCIATION WITH ROD X-BRACES, PROVIDE (1) ADDITIONAL BOLT PER ROW FOR CONNECTIONS AT 3/4", 7/8" AND 1" DIA. RODS. SEE ROD X-BRACE DETAIL FOR ADDITIONAL BOLTS FOR LARGER DIAMETER X-BRACE RODS.
4. FOR MISALIGNED BOLT HINGES, PROVIDE FIELD WELDS. NOTIFY A/E OF LOCATIONS USING FIELD WELDED CONNECTION.

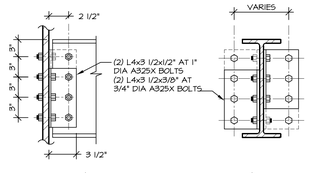
SINGLE PLATE CONNECTION SCHEDULE

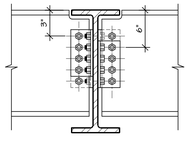
NOMINAL BEAM DEPTH, INCHES	ROWS OF BOLTS	LENGTH OF PLATE	REMARKS
8-10	2	6"	



SECTION A-A

(BEAMS 10" AND LESS)





DOUBLE ANGLE CONNECTION AT BACK TO BACK BEAMS SECTION B-B

(BEAMS 12" AND GREATER)

UNCOATED CLASS 'B' TENSION LAP SPLICE LENGTHS (INCHES) ①

BAR SIZE	COLUMNS ②			BEAMS ③						SLAB, OTHER ④					
				f'c=4 KSI		f'c=5 KSI		f'c=6 KSI		f'c=4 KSI		f'c=5 KSI		f'c=6 KSI	
CLASS	f'c= 4 KSI	f'c= 5 KSI	f'c= 6 KSI	BOT BARS	TOP BARS	BOT BARS	TOP BARS	BOT BARS	TOP BARS	BOT BARS	TOP BARS	BOT BARS	TOP BARS	BOT BARS	TOP BARS
#3	16	16	16	16	18	16	16	16	16	16	18	16	16	16	16
#4	19	17	16	19	24	17	22	16	20	19	24	17	22	16	20
#5	23	21	19	23	30	21	27	19	25	23	30	21	27	19	25
#6	28	25	23	28	36	25	33	23	30	28	36	25	33	23	30
#7	33	29	27	33	42	29	38	27	35	33	43	30	39	27	35
#8	38	35	32	39	51	35	46	32	42	44	57	39	51	36	47
#9	50	44	41	50	64	44	58	41	53	56	72	50	65	45	59
#10	88	79	72	63	82	56	73	51	67	70	92	63	82	58	75
#11	108	97	88	77	100	69	90	63	82	86	112	77	101	71	92

NOTES (d_b = BAR DIAMETER, C-C = CENTER-TO-CENTER)

① SCHEDULE BASED ON CLEAR COVER >1 d_b (BUT LESS THAN 2 d_b)

② BASED ON 3 d_b< C-C< 4 d_b FOR #10 BARS AND LARGER, 4 $d_b \leq$ C-C < 6 d_b FOR OTHERS

③ BASED ON 4 $d_b \leq$ C-C< 6 d_b

④ BASED ON C-C ≥6 d_b

THIS SCHEDULE IS PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR AND IS NOT INTENDED TO COVER ALL SITUATIONS. SHOP DRAWINGS SHALL CLEARLY INDICATE ALL REQUIRED LAP LENGTHS.

LOOSE STEEL LINTEL SCHEDULE (SEE NOTE 1)

WALL THICKNESS	CLEAR MASONRY OPENING WIDTH	SECTION
ALL	AT FIRE EXTINGUISHER CABS. AND DRINKING FOUNTAINS	1/4" PL
4"	TO 5'-0"	ST 3 X 6.25 — 3/16 — 1 1/2 - 8"
4"	TO 7'-0"	PL 3/8 X 4 1/2 ON PL 3/8 X 3 1/2
4"	TO 9'-0"	PL 3/8 X 7 1/2 ON PL 3/8 X 3 1/2
6"	TO 5'-0"	(2) L 3 1/2 X 2 1/2 X 1/4 LLV
6"	TO 7'-0"	WT 4 X 10.5
6"	TO 9'-0"	WT 7 X 11
8"	TO 5'-0"	(2) L 3 1/2 X 3 1/2 X 1/4
8"	TO 7'-0"	(2) L 4 X 3 1/2 X 5/16 LLV
8"	TO 9'-0"	WT 7 X 15
10"	TO 7'-0"	W8 X 10 WITH PL 5/16 X 9 — 3/16 — 1 1/2 - 8"
10"	TO 10'-0"	W8 X 15 WITH PL 5/16 X 9
12"	TO 5'-0"	(3) L 3 1/2 X 3 1/2 X 1/4
12"	TO 7'-0"	W8 X 10 WITH PL 5/16 X 11 — 3/16 — 1 1/2 - 8"
12"	TO 10'-0"	W8 X 15 WITH PL 5/16 X 11

LINTEL NOTES:

1) LINTELS CALLED OUT IN THIS SCHEDULE ARE FOR NON-LOAD BEARING MASONRY WALL AND FOR LOAD BEARING WALLS WHERE LOAD IS INTRODUCED ABOVE THE LINTEL AT A DISTANCE GREATER THAN THE LINTEL SPAN.
2) PROVIDE MINIMUM 8" BEARING AT EACH END OF LINTEL.
3) CENTER LINTELS IN WALL UNLESS NOTED OTHERWISE.
4) BOTTOM PLATES UNDER WIDE FLANGE SHAPES SHALL BE EXTENDED FULL LENGTH OF LINTEL.
5) WELD LINTEL COMPONENTS INTO SINGLE UNIT.
6) NO LINTELS REQUIRED FOR 4" AND 6" NON-LOAD BEARING MASONRY WALLS WHERE GROUTED HOLLOW METAL FRAMES HAVE A HEADSPAN OF 4'-0" OR LESS.
7) PROVIDE THESE LINTELS WHERE OTHER LINTELS ARE NOT SPECIFICALLY DETAILED.
8) GROUT BLOCK CORES SOLID MINIMUM (3) COURSES BELOW LINTEL BEARING.

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A&O PROJECT #130172

Contractors are responsible for the means, methods, techniques, sequences and procedures of construction including, but not limited to, temporary supports, shoring, forming to support imposed loads and other similar items.

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REVISIONS

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CHECKED PEK

DATE 08-01-13

PROJECT NO. 2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

FRAMING DETAILS

SHEET NO.

S900

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	WALL BASE	WALLS				CEILING TYPE	CEILING HEIGHT	REMARKS
				NORTH	EAST	SOUTH	WEST			
FIRST FLOOR										
100	VESTBULE	MAT-1	CT-3	PT-2	PT-2	PT-2	PT-2	ACP-3	10'-2"	–
101A	STAIR A	CNC-1	RB-1	GWB/PT-4	–	–	GWB/PT-4	–	–	1, 3
101B	STAIR B	CNC-1	–	CMU-1	CMU-1	CMU-1	CMU-1	ES	–	–
102	LOBBY	CT-1/CT-2	CT-3	GWB/QT-3	GWB/PT-2	GWB/QT-3	GWB/QT-3	ES	–	1
103	OFFICE	CNC-1	RB-1	PT-2	PT-2	PT-2	PT-2	ACP-3	10'-2"	3
104	CORRIDOR	CT-1/CT-2	CT-3	GWB/PT-2	GWB/PT-2	–	CMU-1	ES	–	1
105	OFFICE	CNC-1	RB-1	PT-2	PT-2	PT-2	PT-2	ACP-3	10'-2"	3
106	ELEVATOR	CT-1/CT-2	CT-3	TBD	TBD	TBD	TBD	TBD	–	–
107	STORAGE	CNC-3	RB-1	PT-6	CMU-3/PT-6	CMU-3/PT-6	CMU-1/PT-6	ES	–	3
108	CORRIDOR	CT-1/CT-2	CT-3	GWB/PT-2	PT-2	CMU-1/PT-2	CMU-1/PT-2	ES	–	1, 3
109	ELEV MACHINE	CNC-3	RB-1	GWB/PT-2	CMU-1	GWB/PT-2	CMU-1/PT-2	ES	9'-0"	3
110	JANITOR	CNC-3	RB-1	GWB/PT-2	CMU-1	GWB/PT-2	CMU-1/PT-2	ES	–	3
111	FAMILY TOILET	CT-4	CT-6	CT-7/PT-7	CMU-1/PT-7	GWB/PT-7	GWB/PT-7	GWB/PT-5	9'-0"	1
112	STORAGE	CNC-3	RB-1	PT-6	CMU-1/PT-6	CMU-1/PT-6	CMU-1/PT-6	ES	–	3
113	MEN'S TOILET	CT-4/CT-5	CT-6	CMU-1/PT-7	CMU-1/PT-7	GWB/PT-7	CT-7/CT-8/PT-7	GWB/PT-5	9'-0"	1
114	WOMEN'S TOILET	CT-4/CT-5	CT-6	CMU-1/PT-7	CT-7/CT-8/PT-7	GWB/PT-7	CMU-1/PT-7	GWB/PT-5	9'-0"	1
115	MECHANICAL ROOM	CNC-3	RB-1	PT-6	PT-6	PT-6	PT-6	ES	–	3
115B	IT	CNC-3	RB-1	PT-6	PT-6	PT-6	PT-6	ES	–	3
116	CONCESSIONS	QT-1	QT-2	FRP-2/PT-2	FRP-2/PT-2	FRP-2/PT-2	FRP-2/PT-2	ACP-4	9'-0"	–
117	PRE-FUNCTION SPACE	CNC-1	RB-1	CMU-1/PT-2	PT-2	CMU-1/PT-2	CMU-1/PT-2	ACP-1/ES	VARIES	1, 2, 3
120	PAVILION BUILDING 1	CNC-3	CNC-2	ES	ES	ES	ES	ES	–	1
121	WOMEN'S SHOWER	CNC-2	CNC-3	CMU-2/CMU-3/PT-6	CMU-2/CMU-3/PT-6	CMU-2/CMU-3/PT-6	CMU-3/CT-7/PT-6	GWB/PT-5	7'-10"	1
122	MEN'S SHOWER	CNC-2	CNC-3	CMU-2/CMU-3/PT-6	CMU-3/CT-7/PT-6	CMU-2/CMU-3/PT-6	CMU-2/CMU-3/PT-6	GWB/PT-5	7'-10"	1
123	CORRIDOR	CNC-2	CNC-3	CMU-2/CMU-3/PT-6	–	CMU-2/CMU-3/PT-6	CMU-2/CMU-3/PT-6	GWB/PT-5	7'-10"	1
124	FAMILY TOILET	CT-4	CT-6	CMU-2/CMU-3/PT-7	CMU-2/CMU-3/PT-7	CMU-3/CT-7/PT-7	CMU-2/CMU-3/PT-7	GWB/PT-5	7'-10"	1
125	JANITOR	CNC-3	CNC-2	CMU-3/PT-6	CMU-3/PT-6	CMU-3/PT-6	CMU-3/PT-6	ES	–	–
126	WOMEN'S TOILET	CT-4/CT-5	CT-6	CMU-2/CMU-3/PT-7	CMU-2/CMU-3/PT-7	CMU-2/CMU-3/PT-7	CMU-3/CT-7/CT-8/PT-7	GWB/PT-5	7'-10"	1
127	MEN'S TOILET	CT-4/CT-5	CT-6	CMU-2/CMU-3/PT-7	CMU-3/CT-7/CT-8/PT-7	CMU-2/CMU-3/PT-7	CMU-2/CMU-3/PT-7	GWB/PT-5	7'-10"	1
128	WATER ROOM	CNC-3	CNC-2	CMU-2/CMU-3/PT-6	CMU-2/CMU-3/PT-6	CMU-2/CMU-3/PT-6	CMU-2/CMU-3/PT-6	ES	–	–
129	ELEC. ROOM	CNC-3	CNC-2	PT-6	PT-6	PT-6	PT-6	ES	–	–
129A	ELEC. ROOM	CNC-3	CNC-2	PT-6	PT-6	PT-6	PT-6	ES	–	–
130	TEL/DATA	CNC-3	CNC-2	PT-6	PT-6	PT-6	PT-6	ES	–	–
131	PAVILION BUILDING 2	CNC-3	CNC-2	ES	ES	ES	ES	ES	–	1
132	ELEC. ROOM	CNC-3	CNC-2	PT-6	PT-6	PT-6	PT-6	ES	–	–
132A	ELEC. ROOM	CNC-3	CNC-2	PT-6	PT-6	PT-6	PT-6	ES	–	–
133	TEL/DATA	CNC-3	CNC-2	PT-6	PT-6	PT-6	PT-6	ES	–	–
134	FAMILY TOILET	CT-4	CT-6	CMU-2/CMU-3/PT-7	CMU-2/CMU-3/PT-7	CMU-3/CT-7/PT-7	CMU-2/CMU-3/PT-7	GWB/PT-5	7'-10"	1
135	JANITOR	CNC-3	CNC-2	CMU-3/PT-6	CMU-2/CMU-3/PT-6	CMU-3/PT-6	CMU-3/PT-6	ES	–	–
136	WOMEN'S TOILET	CT-4/CT-5	CT-6	CMU-2/CMU-3/PT-7	CMU-3/CT-7/CT-8/PT-7	CMU-2/CMU-3/PT-7	CMU-2/CMU-3/PT-7	GWB/PT-5	7'-10"	1
137	MEN'S TOILET	CT-4/CT-5	CT-6	CMU-2/CMU-3/PT-7	CMU-2/CMU-3/PT-7	CMU-2/CMU-3/PT-7	CMU-3/CT-7/CT-8/PT-7	GWB/PT-5	7'-10"	1
138	WATER ROOM	CNC-3	CNC-2	CMU-2/CMU-3/PT-6	CMU-2/CMU-3/PT-6	CMU-2/CMU-3/PT-6	CMU-2/CMU-3/PT-6	ES	–	–
139	OFFICE	CNC-3	CNC-2	PT-6	PT-6	PT-6	PT-6	ACP-3	7'-10"	–
140	MILK PARLOR	CNC-3	CNC-2	CT/FRP-1/PT-2	CT/FRP-1/PT-2	CT/FRP-1/PT-2	CT/FRP-1/PT-2	ES	–	1
141	MILK HOUSE	CNC-3	CNC-2	CNC-2/FRP-1	CNC-2/FRP-1	CNC-2/FRP-1	CNC-2/FRP-1	ACP-4	7'-10"	–
142	MECHANICAL ROOM	CNC-3	CNC-2	PT-6	PT-6	PT-6	PT-6	ES	–	–
143	CONCESSIONS	QT-1	QT-2	FRP-2/PT-2	FRP-2/PT-2	FRP-2/PT-2	FRP-2/PT-2	ACP-4	7'-10"	–
144	FAMILY TOILET	CT-4	CT-6	CMU-2/CMU-3/PT-7	CMU-2/CMU-3/PT-7	CMU-3/CT-7/PT-7	CMU-2/CMU-3/PT-7	GWB/PT-5	7'-10"	1
145	JANITOR	CNC-3	CNC-2	CMU-3/PT-6	CMU-3/PT-6	CMU-3/PT-6	CMU-2/CMU-3/PT-6	ES	–	–
146	WOMEN'S TOILET	CT-4/CT-5	CT-6	CMU-2/CMU-3/PT-7	CMU-2/CMU-3/PT-7	CMU-2/CMU-3/PT-7	CMU-3/CT-7/CT-8/PT-7	GWB/PT-5	7'-10"	1
147	MEN'S TOILET	CT-4/CT-5	CT-6	CMU-2/CMU-3/PT-7	CMU-3/CT-7/CT-8/PT-7	CMU-2/CMU-3/PT-7	CMU-2/CMU-3/PT-7	GWB/PT-5	7'-10"	1
148	WATER ROOM	CNC-3	CNC-2	CMU-2/CMU-3/PT-6	CMU-2/CMU-3/PT-6	CMU-2/CMU-3/PT-6	CMU-2/CMU-3/PT-6	ES	–	–
149	ELEC. ROOM	CNC-3	CNC-2	PT-6	PT-6	PT-6	PT-6	ES	–	–
149A	ELEC. ROOM	CNC-3	CNC-2	PT-6	PT-6	PT-6	PT-6	ES	–	–
150	TEL/DATA	CNC-3	CNC-2	PT-6	PT-6	PT-6	PT-6	ES	–	–
151	WASH BAY	PT-8	–	–	LP	LP	LP	ES	–	–
152	SECURE STORAGE	PT-8	–	LP	LP	LP	LP	ES	–	–
153	WORK AREA	PT-8	–	GWB-PT	LP	LP	LP	ES	–	–
154	WELDING	PT-8	–	LP	LP	–	GWB-PT	ES	–	–
155	TOILET	VCT	RB-1	GWB/PT-6	GWB/PT-6	GWB/PT-6	GWB/PT-6	GWB/PT-5	8'-0"	3
156	BREAK ROOM	VCT	RB-1	GWB/PT-6	GWB/PT-6	GWB/PT-6	GWB/PT-6	GWB/PT-5	8'-0"	3
157	OFFICE	CNC-3	RB-1	GWB/PT-6	GWB/PT-6	GWB/PT-6	GWB/PT-6	GWB/PT-5	8'-0"	3
158	OFFICE	CNC-3	RB-1	GWB/PT-6	GWB/PT-6	GWB/PT-6	GWB/PT-6	GWB/PT-5	8'-0"	3
159	MECHANICAL/ELECTRICAL	CNC-3	RB-1	GWB/PT-6	GWB/PT-6	GWB/PT-6	GWB/PT-6	GWB/PT-5	10'-6"	3
160	OFFICE	CNC-3	RB-1	GWB/PT-6	GWB/PT-6	GWB/PT-6	GWB/PT-6	GWB/PT-5	8'-0"	3
161	WORK AREA	CNC-3	–	LP	LP	LP	LP	ES	–	–
170	STORAGE	CNC-3	–	LP	LP	LP	LP	ES	–	–
SECOND FLOOR										
201A	STAIR A	CNC-1	RB-1	GWB/PT-4	GWB/PT-4	GWB/PT-4	GWB/PT-4	GWB	10'-0"	1, 3
201B	STAIR B	CNC-1	–	CMU-1	CMU-1	CMU-1	CMU-1	ES	–	–
202	MEZZANINE	CNC-1	RB-1	CMU-1/PT-2	GWB/PT-2	CMU-1/GWB/PT-2	CMU-1/GWB/PT-2	ACP-1/ES	VARIES	1, 2, 3
202A	ROOF ACCESS	CNC-1	RB-1	PT-2	PT-2	PT-2	PT-2	ES	–	–
203	ELEV LOBBY	CNC-1	–	CMU-1/PT-2	GWB/PT-2	CMU-1/GWB/PT-2	CMU-1/GWB/PT-2	ACP-1/ES	VARIES	1, 2, 3
206	ELEV	CT-1/CT-2	CT-3	TBD	TBD	TBD	TBD	TBD	–	–
208	CATWALK ACCESS STAIR	ES	–	PT-2	CMU-3/PT-2	PT-2	PT-2	ES	–	–
220	ROOFTOP MECHANICAL BUILDING 1	–	–	–	–	–	–	–	–	–
231	ROOFTOP MECHANICAL BUILDING 2	–	–	–	–	–	–	–	–	–

ROOM FINISH SCHEDULE REMARKS

ROOM FINISH SCHEDULE REMARKS:

1 SEE INTERIOR ELEVATIONS FOR ADDITIONAL PAINT AND FINISH LOCATION AND INFORMATION

2 SEE REFLECTED CEILING PLAN A301A FOR ADDITIONAL INFORMATION ON HEIGHTS OF ACP-1 AND ACP-2

3 PROVIDE RESILIENT BASE AT GWB WALLS THAT EXTEND TO CONCRETE FLOOR

– –

GENERAL NOTES

ROOM FINISH GENERAL NOTES:

1 PAVILION BUILDING 1 & 2 INTERIOR CONCRETE SLAB FOR LIGHT BROOM FINISH.

2 WD-1 TO BE PROVIDED TO CONTRACTOR BY OWNER IN PIECES. OWNER TO SALVAGE AND PROVIDE BETWEEN 1780 – 2492 INDIVIDUAL BOARDS 9-$\frac{1}{2}$"W x 11'L x $\frac{1}{2}$"T.

3 WD-2 IS A SOURCED RECLAIMED WOOD MATERIAL.

– –

– –

ROOM FINISH SCHEDULE LEGEND

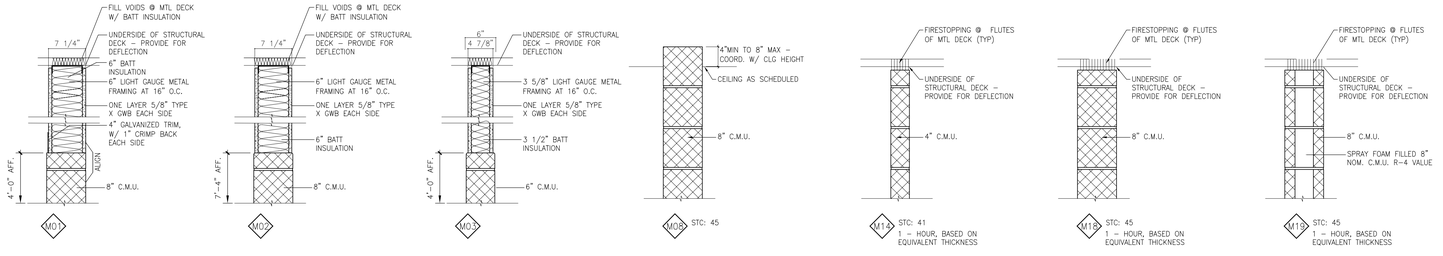
ROOM FINISH SCHEDULE LEGEND– (SOME MAY NOT BE USED)

ACP	ACOUSTICAL CEILING PANEL	ES/SAI	EXPOSED STRUCTURE w/SPRAYED ACOUSTIC ISOLATION	MAT	FLOOR MAT
CMU	CONCRETE MASONRY UNITS	FCTY	FACTORY FINISH	PT	PAINT
CNC	CONCRETE	FRP	FIBERGLASS REINFORCED PANELS	RB	RESILIENT BASE
CT	CERAMIC TILE	GWB	GYPSUM WALLBOARD	SSC	STAINLESS STEEL COUNTERTOP
E-PT	EPOXY PAINT	GRT	FLOOR GRATE	VCT	VINYL COMPOSITION TILE
ES	EXPOSED STRUCTURE	LP	METAL LINER PANEL		

SCHEDULE OF INTERIOR FINISHES

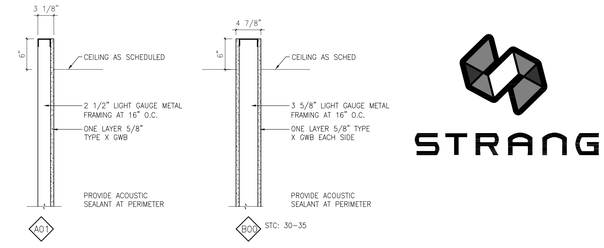
MANUFACTURERS LISTED HEREIN ARE USED TO DETERMINE THE STANDARD FINISHES AND COLORS FOR THIS PROJECT. REFER TO THE SPECIFICATION (PROJECT MANUAL) FOR ADDITIONAL EQUAL MANUFACTURERS.

SECTION NUMBER		MANUFACTURER	STYLE/MODEL	COLOR/FINISH	NUMBER	SIZE	REMARKS
02 41 16 – STRUCTURE DEMOLITION							
WD-1	RECLAIMED WOOD PLANK PANEL	OFCI	–	CLEAR SEALER (09 91 00)	–	VARIES	RECLAIMED WOOD AT WALL SCRIM AND BARN DOORS IN PAVILIONS, COUNTERTOP IN PRE-FUNCTION
BR-1	BRICK MASONRY UNIT	OFCI	–	–	–	VARIES	RECLAIMED BRICK AT PRE-FUNCTION FEATURE WALL; MATCH MORTAR COLOR
03 30 00 – CAST-IN-PLACE CONCRETE							
CNC-1	INTEGRALLY COLORED CONCRETE	SCOFIELD	CHROMIX ADMIXTURES	WESTWOOD BROWN	C-27	–	PRE-FUNCTION (INTEGRALLY COLORED CONCRETE FLOOR)
CNC-2	CONCRETE	SEE SPEC	–	NATURAL	–	–	PAVILION (TROWEL FINISH SHOWER ROOM FLOOR)
CNC-3	CONCRETE	SEE SPEC	–	NATURAL	–	–	PAVILION (LIGHT BROOM FINISHED FLOOR)
03 35 00 – CONCRETE SEALERS							
CS-1	CONCRETE SEALER	SCOFIELD	COLORCURE CONCRETE SEALER	TO MATCH CNC-1	–	–	TO BE USED W/ CNC-1
CS-2	CONCRETE SEALER	SCOFIELD	CURESEAL W	SEMI-GLOSS	–	–	TO BE USED W/ CNC-2
CS-3	CONCRETE SEALER/HARDENER	L&M CONSTRUCTION CHEMICALS, INC.	CHEM HARD	–	–	–	TO BE USED W/ CNC-3
04 20 00 – UNIT MASONRY							
CMU-1	CONCRETE MASONRY UNIT	PREMIER BLOCK CORP.	PREMIER ULTRA 10	BRAZILNUT	207B	8" x 16" x 8"	PRE-FUNCTION – BURNISHED CMU
CMU-2	CONCRETE MASONRY UNIT	PREMIER BLOCK CORP.	PREMIER ULTRA 10	MEDIUM CARAMEL	201A	8" x 16" x 8"	PAVILION – BURNISHED CMU
CMU-3	CONCRETE MASONRY UNIT	NORMAL WEIGHT CMU	–	EPOXY PAINTED	–	8" x 16" x 8"	PAVILION & PRE-FUNCTION – EPOXY PAINTED CMU
CMU-4	CONCRETE MASONRY UNIT	NORMAL WEIGHT CMU	–	NATURAL	–	8" x 16" x 8"	PAVILION PERIMETER
05 58 00 – FORMED METAL FABRICATIONS							
SSC-1	STAINLESS STEEL COUNTERTOP	–	–	–	–	–	CONCESSION SERVICE WINDOW COUNTERTOP
06 20 00 – INTERIOR FINISH CARPENTRY							
WD-2	RECLAIMED WOOD	TERRAMAI	WORLD MIX LUMBER	CLEAR SEALER (09 91 00)	–	2– $\frac{3}{4}$"x2" to 6"x $\frac{3}{4}$"	WALL SCRIM IN PAVILIONS AND PRE-FUNCTION
06 40 00 – ARCHITECTURAL WOODWORK							
PLAM-1	PLASTIC LAMINATE	ARPA	–	SIXTY VERDE	2618	–	CASEWORK AND SHELVES
PLAM-2	PLASTIC LAMINATE	PIONITE	–	ESTELLA	AG011	–	COUNTERTOP
09 30 00 – TILING							
CT-1	CERAMIC FLOOR TILE	CROSSVILLE	STRUCTURE	BASALT	AV225	12" x 24"	LOBBY FLOOR
CT-2	CERAMIC FLOOR TILE	CROSSVILLE	STRUCTURE	BASALT	AV225	6" x 24"	LOBBY FLOOR
CT-3	CERAMIC TILE BASE	CROSSVILLE	STRUCTURE – COVE BASE	BASALT	AV225	6" x 12"	LOBBY BASE TILE
CT-4	CERAMIC FLOOR TILE	CROSSVILLE	STRUCTURE	TIMBER	AV224	12" x 24"	RESTROOM FLOOR
CT-5	CERAMIC FLOOR TILE	CROSSVILLE	STRUCTURE	TIMBER	AV224	6" x 24"	RESTROOM FLOOR
CT-6	CERAMIC WALL BASE	CROSSVILLE	STRUCTURE – COVE BASE	TIMBER	AV224	6" x 12"	RESTROOM BASE TILE
CT-7	CERAMIC WALL TILE	ARCHITECTURAL TILE SOLUTIONS	CITTA – SISTEM C, DIMENSIONAL INSERT	AVORIO_C	–	4" x 12"	RESTROOM WALL TILE
CT-8	CERAMIC WALL TILE	DALTILE	MODERN DIMENSIONS	MATTE DESERT GRAY	X714(I)	4" x 8"	RESTROOM WALL TILE
CT-9	CERAMIC WALL TILE	FIANDRE ARCHITECTURAL SURFACES	ACTIVE	PIETRA SERENA	ASA4236	12" x 24"	MILK PARLOR WALL TILE
CT-10	CERAMIC WALL TILE	FIANDRE ARCHITECTURAL SURFACES	DATAUNI	UNI ICE – SOFT HONED	000	4" x 24"	MILK PARLOR WALL TILE ACCENT
CT-11	CERAMIC WALL TILE	FIANDRE ARCHITECTURAL SURFACES	DATAUNI	UNI ICE – SOFT HONED	000	4" x 8"	MILK PARLOR WALL TILE ACCENT
CT-12	CERAMIC WALL TILE	FIANDRE ARCHITECTURAL SURFACES	DATAUNI	UNI MANDARIN – SOFT HONED	060	8" x 9"	MILK PARLOR WALL TILE ACCENT
CT-13	CERAMIC WALL TILE	FIANDRE ARCHITECTURAL SURFACES	DATAUNI	UNI COBALT – SOFT HONED	150	8" x 8"	MILK PARLOR WALL TILE ACCENT
QT-1	QUARRY FLOOR TILE	SUMMITVILLE	QUARRY TILE	SUMMITVILLE RED	10	6" x 6" x $\frac{3}{4}$"	CONCESSION FLOOR TILE; USE FURAN GROUT
QT-2	QUARRY TILE BASE	SUMMITVILLE	QUARRY TILE – COVE BASE	SUMMITVILLE RED	10	5" x 6" x $\frac{3}{4}$"	CONCESSION BASE TILE; USE FURAN GROUT
QT-3	QUARRY TILE – DONOR WALLS	THATSMYBRICK.COM	QUARRY TILE	BUCKSKIN	–	8" x 8"	CUSTOM DONOR WALL TILE, MADE TO ORDER OFCI
G-1	GROUT	CUSTOM BUILDING PRODUCTS	–	CHARCOAL	60	–	LATEX PORTLAND CEMEMNT; TO BE USED WITH CT-1, CT-2, CT-3
G-2	GROUT	CUSTOM BUILDING PRODUCTS	–	NEW TAUPE	185	–	LATEX PORTLAND CEMENT; TO BE USED WITH CT-4 & CT-5
G-3	GROUT	CUSTOM BUILDING PRODUCTS	–	ANTIQUE WHITE	10	–	LATEX PORTLAND CEMENT; TO BE USED WITH CT-6
G-4	GROUT	CUSTOM BUILDING PRODUCTS	–	ARCTIC ICE	301	–	LATEX PORTLAND CEMENT; TO BE USED WITH CT-7
G-5	GROUT	CUSTOM BUILDING PRODUCTS	–	LIGHT SMOKE	145	–	LATEX PORTLAND CEMENT; TO BE USED WITH QT-3
G-6	GROUT	CUSTOM BUILDING PRODUCTS	–	WINTER GRAY	335	–	EPOXY GROUT; TO BE USED WITH CT-9, CT-10, CT-11, CT-12 & CT-13
09 51 00 – ACOUSTICAL CEILINGS							
ACP-1	ACOUSTIC CEILING PANEL	TECTUM	HANGING BAFFLES	PAINTED (PT-3)	–	2" x 11$\frac{3}{4}$" x 48"	PRE-FUNCTION SPACE AND MEZZANINE CEILINGS
ACP-2	ACOUSTIC CEILING PANEL	ARMSTRONG	CLEAN ROOM VL UNPERFORATED	WHITE	868	24" x 24" x $\frac{3}{4}$"	CONCESSION AND MILK HOUSE CEILINGS
ACP-3	ACOUSTIC CEILING PANEL	ARMSTRONG	OPTIMA – $\frac{3}{4}$" TEGULAR	WHITE (FINE TEXTURE)	3355	24" x 24" x 1"	PRE-FUNCTION
09 65 00 – RESILIENT FLOORING							
VCT-1	VINYL COMPOSITION TILE	MANNINGTON COMMERCIAL	–	STONE GRAY	55102	12" x 12"	VCT IN MAINTENANCE SHOP
RB-1	RESILIENT BASE	MANNINGTON COMMERCIAL	–	IRON	908	4"H	RESILIENT BASE IN MAINTENANCE SHOP AND PRE-FUNCTION
09 91 00 – PAINTING							
PT-1	PAINT	SHERWIN WILLIAMS	–	ROYCROFT PEWTER	2848	–	HOLLOW METAL DOORS & FRAMES; PRE-FUNCTION EXPOSED STRUCTURE, STAIR AND HANDRAIL
PT-2	PAINT	SHERWIN WILLIAMS	–	ACCESSIBLE BEIGE	7036	–	PRE-FUNCTION FIELD (EPOXY, SEMI-GLOSS @ CMU)
PT-3	PAINT	SHERWIN WILLIAMS	–	DOVETAIL	7018	–	PRE-FUNCTION SOFFIT & ACP-1
PT-4	PAINT	SHERWIN WILLIAMS	–	POSITIVE RED	6871	–	PRE-FUNCTION ACCENT & HOLLOW METAL DOORS/FRAMES
PT-5	PAINT	SHERWIN WILLIAMS	–	PURE WHITE	7005	–	PRE-FUNCTION ACCENT & RESTROOM CEILINGS (EPOXY, SEMI-GLOSS)
PT-6	PAINT	SHERWIN WILLIAMS	–	SOFTER TAN	6141	–	PAVILION ACCENT (EPOXY, SEMI-GLOSS @ CMU)
PT-7	PAINT	SHERWIN WILLIAMS	–	POOLHOUSE	7603	–	RESTROOM ACCENT
PT-8	PAINT	SHERWIN WILLIAMS	ARMORSEAL – HEAVY DUTY FLOOR COATING	HAZE GRAY	FLOOR-PLEX 7100 WB EPOXY	–	MAINTENANCE SHOP FLOORS
10 21 13 – TOILET PARTITIONS							
TP-1	TOILET PARTITIONS	ACCURATE PARTITIONS CORP.	CEILING HUNG, POWDER COATED STEEL	GRAY	940	–	TOILET AND SHOWER ROOM PARTITIONS
10 26 00 – WALL PROTECTION							
FRP-1	FRP WALL PANEL	MARLITE	STANDARD FRP – PEBBLED SURFACE	LIGHT GRAY	P-151	4' x 8' x $\frac{1}{8}$"	MILK HOUSE AND MILK PARLOR WALLS
FRP-2	FRP WALL PANEL	MARLITE	SYMMETRIX SCORED FRP W/ SANI-COAT	IVORY	C 140-044	4' x 8' x $\frac{1}{8}$"	CONCESSION WALLS
CG-1	CORNER GUARD	INPRO CORPORATION	160 SERIES ALUMINUM SURFACE MOUNT	CLAM SHELL	0154	2" x 8"H	CORNER GUARDS AT PRE-FUNCTION RESTROOM ENTRANCE
12 24 00 – ENTRANCE FLOOR MATS AND FRAMES							
---	MANUAL SOLAR SHADES	SWF CONTRACT	SHEERWEAVE 2410	CHARCOAL	V2124	–	ROLLER SHADES IN OFFICES 103 & 105, INSTALL UNIDIRECTIONALLY
12 48 00 – ENTRANCE FLOOR MATS AND FRAMES							
MAT-1	FLOOR MAT	REESE ENTERPRISES, INC.	PERFEC ROLL UP	CARPET – BLACK	436	TBD	VESTIBULE WALK-OFF; SURFACE MOUNTED



1 A001 PARTITION TYPES

SCALE: N.T.S.



STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

STRANG INC.
6411 MINERAL POINT ROAD
MADISON, WI 53705-4395

T/ 608 276 9200
F/ 608 276 9204

DRAWING SET	CD
COPYRIGHT STRANG, INC.	2013
FILE NAME	2013027_02-A001.DWG
REVISIONS	
DRAWN	MJ
CHECKED	RG
DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

ROOM FINISH SCHEDULE, PARTITION TYPES

SHEET NO.

A001

KRISTA CRUM 2009-6-30 2:27 PM K:_2013\2013027.02-ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02-A001.DWG

DOOR/FRAME/HARDWARE SCHEDULE

DOOR NO.	ROOM NAME	DOOR SIZE (W x H)	DOOR TYPE	DOOR MAT'L.	DOOR FINISH	GLASS TYPE	FRAME TYPE	FRAME MAT'L.	FRAME FINISH	GLASS TYPE	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	FIRE RATING	HINGE/PIVOT	LOCK	SECUR D.B.	EXIT DEV	CLS	STOP	BOLTS	HOLDS	PROT PLATE	PUSH PULL	SEALS	W. STRIP	THRSH	ASTR	MISC	REMARKS
FIRST FLOOR																														
100a	VESTIBULE 100	3'-0" X 7'-0"	4	ALU	ANO	G4	CW4	ALU	ANO	G4	18/A004	18/A004	18/A004	–	H1	–	–	ED1	–	–	–	–	–	–	–	W1	T1	–	–	7, 9
100b	VESTIBULE 100	3'-0" X 7'-0"	4	ALU	ANO	G4	CW4	ALU	ANO	G4	18/A004	18/A004	18/A004	–	H1	–	–	ED1	C6	–	–	–	–	–	–	W1	T1	–	–	9
100c	VESTIBULE 100	3'-0" X 7'-0"	4	ALU	ANO	G4	CW4	ALU	ANO	G4	18/A004	18/A004	18/A004	–	H1	–	–	ED1	C6	–	–	–	–	–	–	W1	T1	–	–	9
100d	VESTIBULE 100	3'-0" X 7'-0"	4	ALU	ANO	G4	CW4	ALU	ANO	G4	18/A004	18/A004	18/A004	–	H1	–	–	ED1	C6	–	–	–	–	–	–	W1	T1	–	–	9
100e	VESTIBULE 100	3'-0" X 7'-0"	4	ALU	ANO	G4	CW4	ALU	ANO	G4	18/A004	18/A004	18/A004	–	H1	–	–	ED1	C6	–	–	–	–	–	–	W1	T1	–	–	9
100f	VESTIBULE 100	3'-0" X 7'-0"	4	ALU	ANO	G4	CW4	ALU	ANO	G4	18/A004	18/A004	18/A004	–	H1	–	–	ED1	C6	–	–	–	–	–	–	W1	T1	–	–	9
100g	VESTIBULE 100	3'-0" X 7'-0"	4	HM	PT	G2	SF2	HM	PT	G2	–	–	7/A004	–	H1	–	–	–	–	–	–	–	–	PP5	–	–	–	–	–	7, 9
100h	VESTIBULE 100	3'-0" X 7'-0"	4	HM	PT	G2	SF2	HM	PT	G2	–	–	7/A004	–	H1	–	–	–	C6	–	–	–	–	PP5	–	–	–	–	–	9
100j	VESTIBULE 100	3'-0" X 7'-0"	4	HM	PT	G2	SF2	HM	PT	G2	–	–	7/A004	–	H1	–	–	–	C6	–	–	–	–	PP5	–	–	–	–	–	9
100k	VESTIBULE 100	3'-0" X 7'-0"	4	HM	PT	G2	SF2	HM	PT	G2	–	–	7/A004	–	H1	–	–	–	C6	–	–	–	–	PP5	–	–	–	–	–	9
100m	VESTIBULE 100	3'-0" X 7'-0"	4	HM	PT	G2	SF2	HM	PT	G2	–	–	7/A004	–	H1	–	–	–	C6	–	–	–	–	PP5	–	–	–	–	–	9
100n	VESTIBULE 100	3'-0" X 7'-0"	4	HM	PT	G2	SF2	HM	PT	G2	–	–	7/A004	–	H1	–	–	–	C6	–	–	–	–	PP5	–	–	–	–	–	9
101Ba	STAIR B 101B	3'-0" X 7'-0"	1	HM	PT	–	A	HM	PT	–	–	–	–	–	H1	–	–	ED3	C6	–	–	–	–	–	–	W1	T1	–	–	–
101Bb	STAIR B 101B	3'-0" X 7'-0"	1	HM	PT	–	A	HM	PT	–	4/A004	3/A004	–	1 HR	H1	–	–	ED2	C6	S2	–	–	–	–	–	–	–	–	–	–
102a	LOBBY 102	3'-0" X 7'-0"	4	HM	PT	G2	SF1	HM	PT	G2	–	–	7/A004	–	H1	–	SD2	–	–	–	–	–	–	PP3	–	–	–	–	–	7, 9
102b	LOBBY 102	3'-0" X 7'-0"	4	HM	PT	G2	SF1	HM	PT	G2	–	–	7/A004	–	H1	–	SD2	–	C13	–	–	–	–	PP3	–	–	–	–	–	9
102c	LOBBY 102	3'-0" X 7'-0"	4	HM	PT	G2	SF1	HM	PT	G2	–	–	7/A004	–	H1	–	SD2	–	C13	–	–	–	–	PP3	–	–	–	–	–	9
102d	LOBBY 102	3'-0" X 7'-0"	4	HM	PT	G2	SF1	HM	PT	G2	–	–	7/A004	–	H1	–	SD2	–	C13	–	–	–	–	PP3	–	–	–	–	–	9
102e	LOBBY 102	3'-0" X 7'-0"	4	HM	PT	G2	SF1	HM	PT	G2	–	–	7/A004	–	H1	–	SD2	–	C13	–	–	–	–	PP3	–	–	–	–	–	9
102f	LOBBY 102	3'-0" X 7'-0"	4	HM	PT	G2	SF1	HM	PT	G2	–	–	7/A004	–	H1	–	SD1	–	C13	–	–	–	–	PP3	–	–	–	–	–	9
102g	LOBBY 102	3'-0" X 7'-0"	4	HM	PT	G2	J	HM	PT	G2	–	–	–	–	H1	–	–	ED3	C11	–	–	–	–	–	–	–	–	–	–	–
102h	LOBBY 102	3'-0" X 7'-0"	4	HM	PT	G2								–	H1	–	–	ED3	C11	–	–	–	–	–	–	–	–	–	–	–
103a	OFFICE 103	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	2/A004	1/A004	–	–	H1	L3	–	–	–	S2	–	–	–	–	–	–	–	–	–	–
103b	OFFICE 103	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	2/A004	1/A004	–	–	H1	L3	–	–	–	S2	–	–	–	–	–	–	–	–	–	–
105	OFFICE 105	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	2/A004	1/A004	–	–	H1	L3	–	–	–	S2	–	–	–	–	–	–	–	–	–	–
107a	STORAGE 107	3'-0" X 7'-0"	1	STL	PT	–	C	HM	PT	–	2/A004	6B&C/A004	–	–	H1	L5	–	–	–	S2	–	–	–	–	–	–	–	–	–	–
107b	STORAGE 107	3'-0" X 7'-0"	1	STL	PT	–	C	HM	PT	–	2/A004	6B&C/A004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
107c	STORAGE 107	3'-0" X 7'-0"	1	STL	PT	–								–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
108a	CORRIDOR 108	3'-0" X 7'-0"	2	INSU	PT	G4	C	HM	PT	–	–	–	–	–	H1	L6	–	–	C6	–	–	–	–	–	–	W1	T1	–	–	–
108b	CORRIDOR 108	3'-0" X 7'-0"	2	HM	PT	G2	E	HM	PT	–	6A/A004	1&3/A004	–	–	H1	–	SD2	–	C13	–	–	–	–	PP3	–	–	–	–	–	–
108c	CORRIDOR 108	3'-0" X 7'-0"	2	HM	PT	G2	E	HM	PT	–	6A/A004	1&3/A004	–	–	H1	–	SD1	–	C13	–	–	–	–	PP3	–	–	–	–	–	–
109	ELEV MACHINE 109	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	2/A004	1/A004	–	–	H1	L5	–	–	–	S2	–	–	–	–	–	–	–	–	–	–
110	JANITOR 110	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	2/A004	1/A004	–	–	H1	L5	–	–	–	S2	–	–	–	–	–	–	–	–	–	–
111	FAMILY TOILET 111	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	2/A004	1/A004	–	–	H1	L1	SD3	–	–	S2	–	–	–	–	–	–	–	–	–	–
112a	STORAGE 112	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	2/A004	6B&C/A004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
112b	STORAGE 112	3'-0" X 7'-0"	1	HM	PT	–								–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
112c	STORAGE 112	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	2/A004	6B&C/A004	–	–	H1	L5	–	–	–	S3	–	–	–	–	–	–	–	–	–	–
115a	MECHANICAL ROOM 115	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	2/A004	6B&C/A004	–	–	H1	L5	–	–	–	S3	–	–	–	–	–	–	–	–	–	–
115b	MECHANICAL ROOM 115	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	2/A004	6B&C/A004	–	–	H1	L5	–	–	–	S3	–	–	–	–	–	–	–	–	–	–
115Ba	IT 115B	3'-0" X 7'-0"	1	HM	PT	–	A	HM	PT	–	2/A004	1/A004	–	–	H1	L5	–	–	–	S2	–	–	–	–	–	–	–	–	–	–
116a	CONCESSIONS 116	3'-0" X 7'-0"	1	HM	PT	–	A	HM	PT	–	4/A004	3/A004	–	–	H1	L3	–	–	–	S2	–	–	–	–	–	–	–	–	–	–
116b	CONCESSIONS 116	8'-0" X 4'-0"	SW-1	ALU	FCTY	REFER TO A003 & SPECIFICATIONS					18/A004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
116c	CONCESSIONS 116	8'-0" X 4'-0"	5	STL	PT	–	–	–	–	–	6A/A004	6B/A004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
117a	PRE-FUNCTION SPACE 117	12'-0"x 12'-0"	OHD-4	STL	FCTY	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5
117b	PRE-FUNCTION SPACE 117	3'-0" X 7'-0"	3	HM	PT	GX	E	HM	PT	–	–	–	–	–	H1	–	SD1	–	C13	–	–	–	–	PP3	–	–	–	–	–	–
117c	PRE-FUNCTION SPACE 117	3'-0" X 7'-0"	3	HM	PT	GX								–	H1	–	SD2	–	C13	–	–	–	–	PP3	–	–	–	–	–	–
117d	PRE-FUNCTION SPACE 117	3'-0" X 7'-0"	3	HM	PT	GX	E	HM	PT	–	–	–	–	–	H1	–	SD1	–	C13	–	–	–	–	PP3	–	–	–	–	–	–
117e	PRE-FUNCTION SPACE 117	3'-0" X 7'-0"	3	HM	PT	GX								–	H1	–	SD2	–	C13	–	–	–	–	PP3	–	–	–	–	–	–
117h	PRE-FUNCTION SPACE 117	3'-0" X 7'-0"	3	HM	PT	GX	C	HM	PT	–	–	–	–	–	H1	–	–	ED1	C6	–	–	–	–	–	–	W1	T1	–	–	–
120a (x4)	PAVILION BUILDING 1 120	3'-0" X 7'-0"	2	STL	FCTY	GX	OHD-A	STL	–	–	14/A004	14/A004	14/A004	–	H1	–	–	ED4	C6	–	–	–	–	–	–	W1	T1	–	–	QTY: 4
120ax	PAVILION BUILDING 1 120	3'-0" X 7'-0"	2	STL	FCTY	GX	OHD-A	STL	–	–	14/A004	14/A004	14/A004	–	H1	–	–	ED5	C6	–	–	–	–	–	–	W1	T1	–	–	
120b (x4)	PAVILION BUILDING 1 120	3'-0" X 7'-0"	2	STL	FCTY	GX	OHD-B	STL	–	–	14/A004	–	14/A004	–	H1	–	–	ED4	C6	–	–	–	–	–	–	W1	T1	–	–	QTY: 4
120c (x4)	PAVILION BUILDING 1 120	3'-0" X 7'-0"	2	STL	FCTY	GX	OHD-A	STL	–	–	14/A004	14/A004	14/A004	–	H1	–	–	ED4	C6	–	–	–	–	–	–	W1	T1	–	–	QTY: 4
120cx	PAVILION BUILDING 1 120	3'-0" X 7'-0"	2	STL	FCTY	GX	OHD-A	STL	–	–	14/A004	14/A004	14/A004	–	H1	–	–	ED5	C6	–	–	–	–	–	–	W1	T1	–	–	–
120d	PAVILION BUILDING 1 120	14'-0"x 16'-0"	OHD-3	STL	FCTY	–	OHD-B	STL	–	–	–	13/A004	13/A004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
120e (x10)	PAVILION BUILDING 1 120	12'-0"x 14'-0"	OHD-2	STL	FCTY	–	OHD-A	STL	–	–	–	13/A004	13/A004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4, QTY:10
123a	CORRIDOR 123	3'-0" X 7'-0"	2	HM	PT	GX	D	HM	PT	–	14/A004	14/A004	14/A004	–	H1	–	–	ED4	C6	–	–	–	–	–	–	W1	T1	–	–	–
123b	CORRIDOR 123	5'-4" X 8'-0"	BD-1	SCW	TRANS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
123c	CORRIDOR 123	5'-4" X 8'-0"	BD-1	SCW	TRANS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
124	FAMILY TOILET 124	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	4/A004	3/A004	–	–	H1	L1	SD3	–	–	S2	–	–	–	–	–	–	–	–	–	–
125	JANITOR 125	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	4/A004	3/A004	–	–	H1	L5	–	–	–	S2	–	–	–	–	–	–	–	–	–	–
128a	WATER ROOM 128	6'-0" X 8'-0"	BD-1	SCW	TRANS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
128b	WATER ROOM 128	6'-8" X 8'-0"	BD-1	SCW	TRANS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
129a	ELEC. ROOM 129	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	4/A004	3/A004	–	–	H1	–	–	ED4	C6	–	–	–	–	–	–	–	–	–	–	–
129b	ELEC. ROOM 129	3'-0" X 7'-0"	1	HM	PT	–	G	HM	PT	–	14/A004	14/A004	14/A004	–	H1	–	–	ED4	C6	–	–	–	–	–	–	W1	T1	–	–	–
129c	ELEC. ROOM 129	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	16/A004	16/A004	–	–	H1	L1	–	–	–	S2	–	–	–	–	–	–	–	–	–	–
130	TEL/DATA 130	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	4/A004	3/A004	–	–	H1	L5	–	–	–	S2	–	–	–	–	–	–	–	–	–	–
131a (x8)	PAVILION BUILDING 2 131	3'-0" X 7'-0"	2	STL	FCTY	GX	OHD-A	STL	–	–	14/A004	14/A004	14/A004	–	H1	–	–	ED4	C6	–	–	–	–	–	–	–	–	–	–	QYT: 8
131ax (x2)	PAVILION BUILDING 2 131	3'-0" X 7'-0"	2	STL	FCTY	GX	OHD-A	STL	–	–	14/A004	14/A004	14/A004	–	H1	–	–	ED5	C6	–	–	–	–	–	–	–	–	–	–	QYT: 2
131b (x4)	PAVILION BUILDING 2 131	3'-0" X 7'-0"	2	STL	FCTY	GX	OHD-B	STL	–	–	14/A004	–	14/A004	–	H1	–	–	ED4	C6	–	–	–	–	–	–	–	–	–	–	QYT: 4
131c (x8)	PAVILION BUILDING 2 131	3'-0" X 7'-0"	2	STL	FCTY	GX	OHD-A	STL	–	–	14/A004	14/A004	14/A004	–	H1	–	–	ED4	C6	–	–	–	–	–	–	–	–	–	–	QYT: 8
131cx (x2)	PAVILION BUILDING 2 131	3'-0" X 7'-0"	2	STL	FCTY	GX	OHD-A	STL	–	–	14/A004	14/A004	14/A004	–	H1	–	–	ED5	C6	–	–	–	–	–	–	–	–	–	–	QYT: 2
131d (x4)	PAVILION BUILDING 2 131	3'-0" X 7'-0"	2	STL	FCTY	GX	OHD-B	STL	–	–	14/A004	–	14/A004	–	H1	–	–	ED4	C6	–	–	–	–	–	–	–	–	–	–	QYT: 4
131e (x20)	PAVILION BUILDING 2 131	12'-0"x 14'-0"	OHD-4	STL	FCTY	–	OHD-A	STL	–	–	–	13/A004	13/A004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5, QTY: 20
131f (x2)	PAVILION BUILDING 2 131	14'-0"x 16'-0"	OHD-5	STL	FCTY	–	OHD-B	STL	–	–	–	13/A004	13/A004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5, QTY: 2
132a	ELEC. ROOM 132	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	4/A004	3/A004	–	–	H1	L5	–	–	–	S3	–	–	–	–	–	–	–	–	–	–
132b	ELEC. ROOM 132	3'-0" X 7'-0"	1	HM	PT	–	G	HM	PT	–	14/A004	14/A004	14/A004	–	H1	–	–	ED4	C6	–	–	–	–	–	–	–	–	–	–	–
132c	ELEC. ROOM 132	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	16/A004	16/A004	–	–	H1	L1	–	–	–	S2	–	–	–	–	–	–	–	–	–	–
133	TEL/DATA 133	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	4/A004	3/A004	–	–	H1	L5	–	–	–	S2	–	–	–	–	–	–	–	–	–	–
134	FAMILY TOILET 134	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	4/A004	3/A004	–	–	H1	L1	SD3	–	–	S2	–	–	–	–	–	–	–	–	–	–
135	JANITOR 135	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	4/A004	3/A004	–	–	H1	L1	SD3	–	–	S2	–	–	–	–	–	–	–	–	–	–
136	WOMEN'S TOILET 136	6'-8" X 8'-0"	BD-1	SCW	TRANS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
138a	WATER ROOM 138	6'-0" X 8'-0"	BD-1	SCW	TRANS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
138b	WATER ROOM 138	6'-8" X 8'-0"	BD-1	SCW	TRANS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
139	OFFICE 139	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	4/A004	3/A004	–	–	H1	L3	–	–	–	S2	–	–	–	–	–	–	–	–	–	–
140a	MILK PARLOR 140	6'-0" X 8'-0"	OHD-2	HM	PT	–	C	HM	PT	–	–	13/A004	13/A004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
140b	MILK PARLOR 140	6'-0" X 8'-0"	OHD-2	HM	PT	–	C	HM	PT	–	–	13/A004	13/A004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
140c	MILK PARLOR 140	3'-0" X 7'-0"	2	HM	PT	GX	C	HM	PT	–	4/A004	3/A004	–	–	H1	L1	–	–	–	S3	–	–	K2	–	–	–	–	–	–	–
140d	MILK PARLOR 140	3'-0" X 7'-0"	2	HM	PT	GX	C	HM	PT	–	4/A004	3/A004	–	–	H1	L1	–	–	–	S3	–	–	K2	–	–	–	–	–	–	–
140e	MILK PARLOR 140	8'-0" X 8'-0"	OHD-2	HM	PT	–	C	HM	PT	–	–	13/A004	13/A004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
140f	MILK PARLOR 140	6'-0" X 8'-0"	OHD-2	HM	PT	–	C	HM	PT	–	–	8/A004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
141a	MILK HOUSE 141	3'-0" X 7'-0"	2	HM	PT	GX	A	HM	PT	–	4/A004	3/A004	–	–	H1	L3	–	–	–	S3	–	–	K2	–	–	W1	T1	–	–	–
141b	MILK HOUSE 141	4'-0" X 7'-0"	2	HM	PT	GX	E	HM	PT	–	14/A004	14/A004	14/A004	–	H1	L3	–	–	–	S4	–	–	K2	–	–	W1	T1	–	–	6
141c	MILK HOUSE 141	4'-0" X 7'-0"	2	HM	PT	GX								–	H1	L3	–	–	–	S3	–	–	K2	–	–	W1	T1	–	–	–
142a	MECHANICAL ROOM 142	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	4/A004	3/A004	–	–	H1	L5	–	–	–	S3	–	–	–	–	–	–	–	–	–	–
142b	MECHANICAL ROOM 142	8'-0" X 8'-0"	OHD-2	HM	PT	–	C	HM	PT	–	–	13/A004	13/A004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
143	CONCESSIONS	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	4/A004	3/A004	–	–	H1	L3	–	–	–	S2	–	–	–	–	–	W1	T1	–	–	–
144	FAMILY TOILET	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	4/A004	3/A004	–	–	H1	L1	SD3	–	–	S2	–	–	–	–	–	–	–	–	–	–
145	JANITOR	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	4/A004	3/A004	–	–	H1	L5	–	–	–	S3	–	–	–	–	–	–	–	–	–	–

DOOR/FRAME/HARDWARE SCHEDULE

DOOR NO.	ROOM NAME	DOOR SIZE (W x H)	DOOR TYPE	DOOR MAT'L.	DOOR FINISH	GLASS TYPE	FRAME TYPE	FRAME MAT'L.	FRAME FINISH	GLASS TYPE	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	FIRE RATING	HINGE/PIVOT	LOCK	SECUR D.B.	EXIT DEV	CLS	STOP	BOLTS	HOLDS	PROT PLATE	PUSH PULL	SEALS	W. STRIP	THRSH	ASTR	MISC	REMARKS
FIRST FLOOR																														
146	WOMEN'S TOILET	6'-8" X 8'-0"	BD-1	SCW	TRANS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
148a	WATER ROOM	6'-0" X 8'-0"	BD-1	SCW	TRANS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
148b	WATER ROOM	6'-8" X 8'-0"	BD-1	SCW	TRANS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
149a	ELEC. ROOM	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	4/A004	3/A004	–	–	H1	–	–	ED4	C6	–	–	–	–	–	–	–	–	–	–	–
149b	ELEC. ROOM	3'-0" X 7'-0"	1	HM	PT	–	G	HM	PT	–	14/A004	14/A004	14/A004	–	H1	–	–	ED4	C6	–	–	–	–	–	–	W1	T1	–	–	–
149c	ELEC. ROOM	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	16/A004	16/A004	–	–	H1	L1	–	–	–	S2	–	–	–	–	–	–	–	–	–	–
150	TEL/DATA	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	4/A004	3/A004	–	–	H1	L5	–	–	–	S2	–	–	–	–	–	–	–	–	–	–
151A	WASH BAY 151	3'-0" X 7'-0"	1	HM	PT	–	OHD-C	HM	PT	G3	14/A004	14/A004 SIM	14/A004	–	H1	L3	–	–	C6	–	–	–	–	–	–	W1	T1	–	–	–
151B	WASH BAY 151	12'-0"x 14'-0"	OHD-1	STL	FCTY	–	OHD-C	STL	–	G3		13/A004 SIM	13/A004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
152A	SECURE STORAGE 152	3'-0" X 7'-0"	1	HM	PT	–	F	HM	PT	–	21/A004	21/A004	–	–	H1	L3	–	–	–	S3	–	–	–	–	–	–	–	–	–	–
152B	SECURE STORAGE 152	3'-0" X 7'-0"	1	HM	PT	–								–	H1	–	–	–	–	S3	FB1	–	–	–	–	–	–	–	–	–
153A	WORK AREA 153	3'-0" X 7'-0"	1	HM	PT	–	OHD-C	HM	PT	G3	6/A807	14/A004 SIM	7/A807	–	H1	L3	–	–	C6	–	–	–	–	–	–	W1	T1	–	–	–
153B	WORK AREA 153	12'-0"x 14'-0"	OHD-1	STL	FCTY	–	OHD-C	STL	–	G3	–	13/A004	13/A004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
153C	WORK AREA 153	3'-0" X 6'-2"	1	HM	PT	–	H	HM	PT	–	6/A807	13/A004	7/A807	–	H1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2
153D	WORK AREA 153	12'-0"x 14'-0"	OHD-1	STL	FCTY	–	OHD-C	STL	–	G3	–	13/A004	13/A004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
154A	WELDING 154	3'-0" X 7'-0"	1	HM	PT	–	F	HM	PT	–	21/A004	21/A004	–	–	H1	–	–	–	–	S3	FB1	–	–	–	–	–	–	–	–	–
154B	WELDING 154	3'-0" X 7'-0"	1	HM	PT	–								–	H1	L3	–	–	C1	S2	–	–	–	–	–	–	–	–	–	–
155	TOILET 155	3'-0" X 7'-0"	1	HM	PT	–	A	HM	PT	–	2/A004	1/A004	–	–	H1	L2	–	–	–	S1	–	–	–	–	–	–	–	–	–	–
156A	BREAK 156	3'-0" X 7'-0"	1	HM	PT	–	A	HM	PT	–	16/A004	16/A004	–	–	H1	L3	–	–	–	S1	–	–	–	–	–	–	–	–	–	–
156B	BREAK 156	3'-0" X 7'-0"	1	HM	PT	–	A	HM	PT	–	22/A004	22/A004	–	–	H1	L3	–	–	–	S1	–	–	–	–	–	–	–	–	–	–
157	OFFICE 157	3'-0" X 7'-0"	1	HM	PT	–	A	HM	PT	–	16/A004	16/A004	–	–	H1	L3	–	–	–	S1	–	–	–	–	–	–	–	–	–	–
158	OFFICE 158	3'-0" X 7'-0"	1	HM	PT	–	A	HM	PT	–	16/A004	16/A004	–	–	H1	L3	–	–	–	S1	–	–	–	–	–	–	–	–	–	–
159	MECHANICAL/ELECTRICAL 159	3'-0" X 7'-0"	1	HM	PT	–	A	HM	PT	–	2/A004	1/A004	–	–	H1	L5	–	–	–	S1	–	–	–	–	–	–	–	–	–	–
160	OFFICE 160	3'-0" X 7'-0"	1	HM	PT	–	A	HM	PT	–	22/A004	22/A004	–	–	H1	L3	–	–	–	S1	–	–	–	–	–	–	–	–	–	–
161A	WORK AREA 161	3'-0" X 7'-0"	1	HM	FCTY	–	OHD-C	HM	PT	G3	6/A807	13/A004	7/A807	–	H1	L3	–	–	C6	–	–	–	–	–	–	W1	T1	–	–	–
161B	WORK AREA 161	12'-0"x 14'-0"	OHD-1	STL	FCTY	–	OHD-C	STL	–	G3	–	13/A004	13/A004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
161C	WORK AREA 161	3'-0" X 7'-0"	1	HM	PT	–	A	HM	PT	–	21/A004	21/A004	–	–	H1	L3	–	–	C6	S1	–	–	–	–	–	W1	T1	–	–	12
170A	STORAGE 170	3'-0" X 7'-0"	1	HM	PT	–	OHD-C	HM	PT	G3	6/A807	14/A004 SIM	7/A807	–	H1	L3	–	–	C6	S1	–	–	–	–	–	–	–	–	–	–
170B	STORAGE 170	12'-0"x 14'-0"	OHD-1	STL	FCTY	–	OHD-C	STL	–	G3	–	13/A004	13/A004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
170C	STORAGE 170	3'-0" X 7'-0"	1	STL	PT	–	OHD-C	HM	PT	G3	6/A807	14/A004 SIM	7/A807	–	H1	L3	–	–	C6	S3	–	–	–	–	–	–	–	–	–	–
170D	STORAGE 170	12'-0"x 14'-0"	OHD-1	STL	FCTY	–	OHD-C	STL	–	G3	–	13/A004	13/A004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
SECOND FLOOR																														
201A	STAIR A 201	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	2/A004	1/A004	–	–	H1	–	–	ED2	C2	S2	–	–	–	–	–	–	–	–	–	–
201B	STAIR B 201	3'-0" X 7'-0"	1	HM	PT	–	A	HM	PT	–	4/A004	3/A004	–	1 HR	H1	–	–	ED2	C2	S2	–	–	–	–	–	–	–	–	–	–
202A	ROOF ACCESS 202	3'-0" X 7'-0"	1	HM	PT	–	C	HM	PT	–	2/A004	1/A004	–	–	H1	L5	–	–	C1	S2	–	–	–	–	–	–	–	–	–	–
202B	ROOF ACCESS 202	3'-0" X 7'-0"	1	HM	PT	–							–	–	H1	L5	–	–	C1	S2	–	–	–	–	–	–	–	–	–	–
202C	MEZZANINE	19'-6" X 7'-0"	OHD-6	ALU	FCTY	G2	OHD-D	–	PWDR	–	11/A902	12/A902	14/A902	–	–	–	–	–	–	–	–	–	–	–	–	FCTY	–	–	–	11
202D	MEZZANINE	10'-4" X 7'-0"	OHD-6	ALU	FCTY	G2	OHD-D	–	PWDR	–	11/A902	12/A902	14/A902	–	–	–	–	–	–	–	–	–	–	–	–	FCTY	–	–	–	–
202E	MEZZANINE	10'-4" X 7'-0"	OHD-6	ALU	FCTY	G2	OHD-D	–	PWDR	–	11/A902	12/A902	14/A902	–	–	–	–	–	–	–	–	–	–	–	–	FCTY	–	–	–	–
202F	MEZZANINE	10'-4" X 7'-0"	OHD-6	ALU	FCTY	G2	OHD-D	–	PWDR	–	11/A902	12/A902	14/A902	–	–	–	–	–	–	–	–	–	–	–	–	FCTY	–	–	–	–
203	ELEVATOR LOBBY 203	3'-0" X 7'-0"	1	INSUL	PT	N/A	A	HM	PT	–	–	–	–	–	H1	L5	–	–	–	S2	–	–	–	–	–	Z E	T1	–	–	–
208	CATWALK ACCESS STAIR 208	3'-0" X 7'-0"	1	HM	PT	n/a	C	HM	PT	–	2/A004	1/A004	–	–	H1	L5	–	–	C1	–	–	–	–	–	–	–	–	–	–	–
220a	ROOFTOP MECHANICAL BUILDING 1 220	3'-0" X 7'-0"	1	HM	PT	–	A	HM	PT	–	–	–	–	–	H1	L1	–	–	–	S3	–	–	–	–	–	W1	T1	–	–	–
220b	ROOFTOP MECHANICAL BUILDING 1 220	3'-0" X 7'-0"	1	HM	PT	–	A	HM	PT	–	–	–	–	–	H1	L1	–	–	–	S3	–	–	–	–	–	W1	T1	–	–	–
231	ROOFTOP MECHANICAL BUILDING 2 231	3'-0" X 7'-0"	1	HM	PT	–	A	HM	PT	–	–	–	–	–	H1	L1	–	–	–	S3	–	–	–	–	–	W1	T1	–	–	–

DOOR AND FRAME SCHEDULE REMARKS

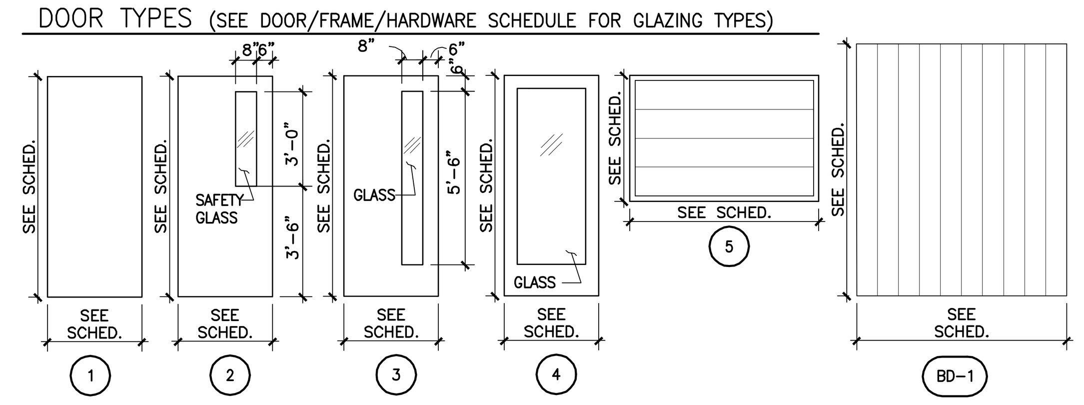
DOOR SCHEDULE REMARKS

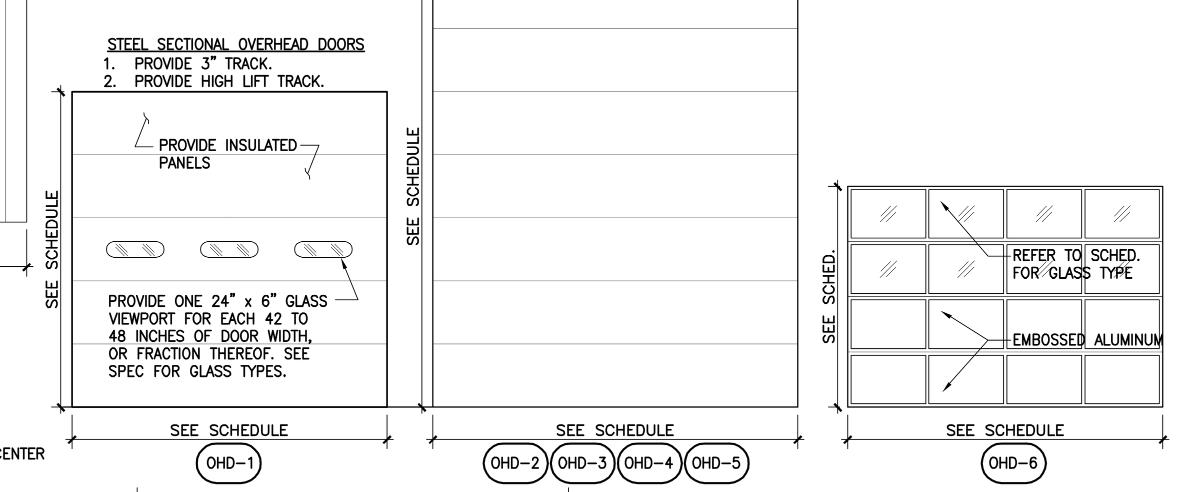
1	NOT USED	7	AUTO DOOR OPERATOR
2	FIXED DOOR IN 4-SIDED HM FRAME	8	PROVIDE SOUTH MOST DOOR W/ AUTO OPERATOR & NO CLOSER
3	CYLINDER BY HARDWARE SUPPLIER	9	REFER TO A003 FOR GLASS TYPE AND FRAME CONFIGURATION
4	INSULATED SECTIONAL OVERHEAD DOOR	10	PROVIDE A FIXED DOOR PANEL IN A 4-SIDED FRAME
5	UNINSULATED SECTIONAL OVERHEAD DOOR	11	ELECTRIC OPERATOR. KEY SWITCH W/ BEST COMPATIBLE CORE
6	DEMONSTRABLE CENTER MULLION	12	INSULATED INTERIOR DOOR

DOOR SCHEDULE ABBREVIATION KEY

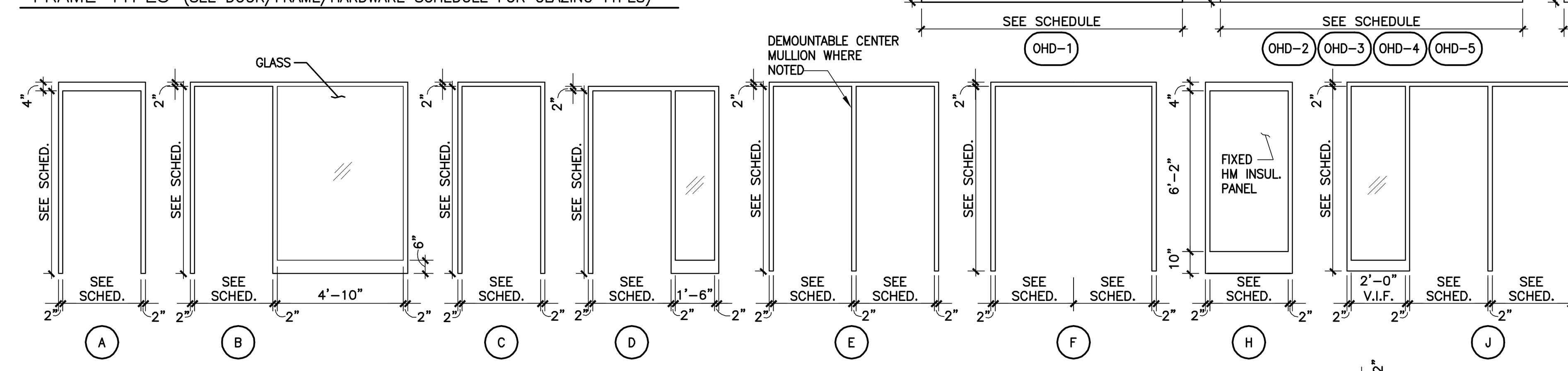
ALUM	ALUMINUM	H#	HINGE TYPE	ST#	STAIN TYPE
ANO	ANODIZED	INSUL	INSULATED METAL	STL	STEEL
C#	CLOSER TYPE	K#	KICK PLATE TYPE	STNLS	STAINLESS STEEL
DL#	DEAD BOLT LATCH TYPE	LG#	LATCH GUARD TYPE	S#	M
EX	EXISTING DOOR RELOCATED	L#	LOCK TYPE	SF	STOREFRONT
ED#	EXIT DEVICE TYPE	NANA	SLIDING POCKET DOORS	T#	THRESHOLD TYPE
FCTY	FACTORY FINISH	PT-#	PAINT TYPE	WD	SOLID CORE WOOD
F#	FLUSH BOLT TYPE	PP#	PUSH/PULL TYPE LATCH GUARD TYPE		
G#	GLASS TYPE	PWDR	POWDER COAT		

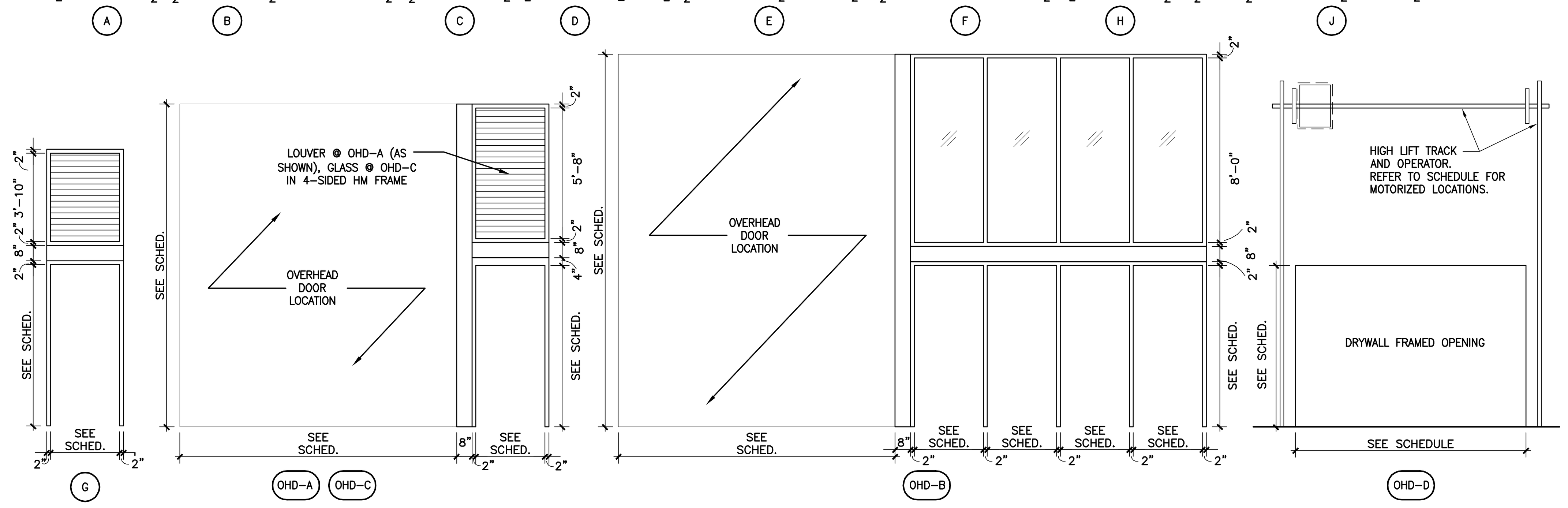
DOOR TYPES (SEE DOOR/FRAME/HARDWARE SCHEDULE FOR GLAZING TYPES)





FRAME TYPES (SEE DOOR/FRAME/HARDWARE SCHEDULE FOR GLAZING TYPES)





STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

STRANG INC.
6411 MINERAL POINT ROAD
MADISON, WI 53705-4395

T/ 608 276 9200
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DRAWING SET	CD
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FILE NAME	2013027_02-A002.DWG
REVISIONS	
DRAWN	MJ
CHECKED	RG
DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

DOOR & FRAME SCHEDULE, TYPES & DETAILS

SHEET NO.

A002

JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A002.DWG
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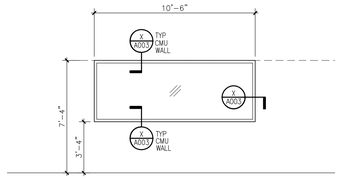
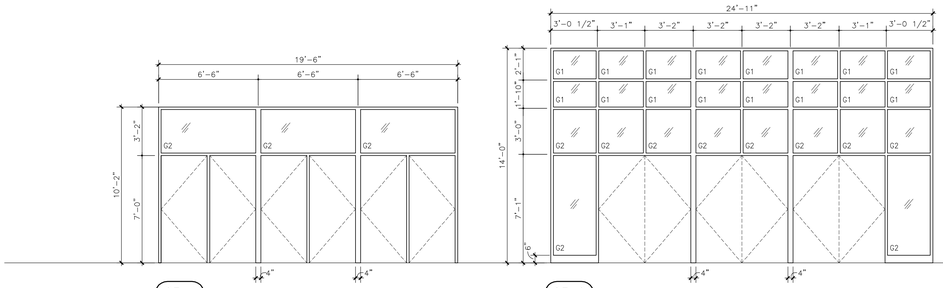


BL-1



SF-1

SF-2

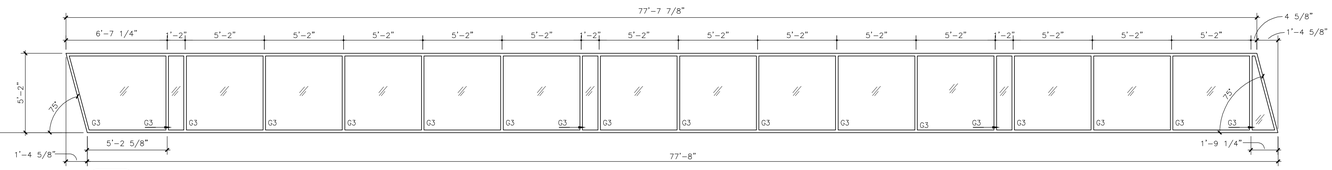
NOTE: ALL MEMBERS 2" WIDE U.N.O.

1 A001 BORROWED LITE TYPES

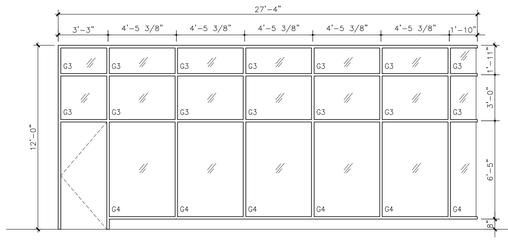
SCALE: 1/4" = 1'-0"

2 A001 STOREFRONT TYPES

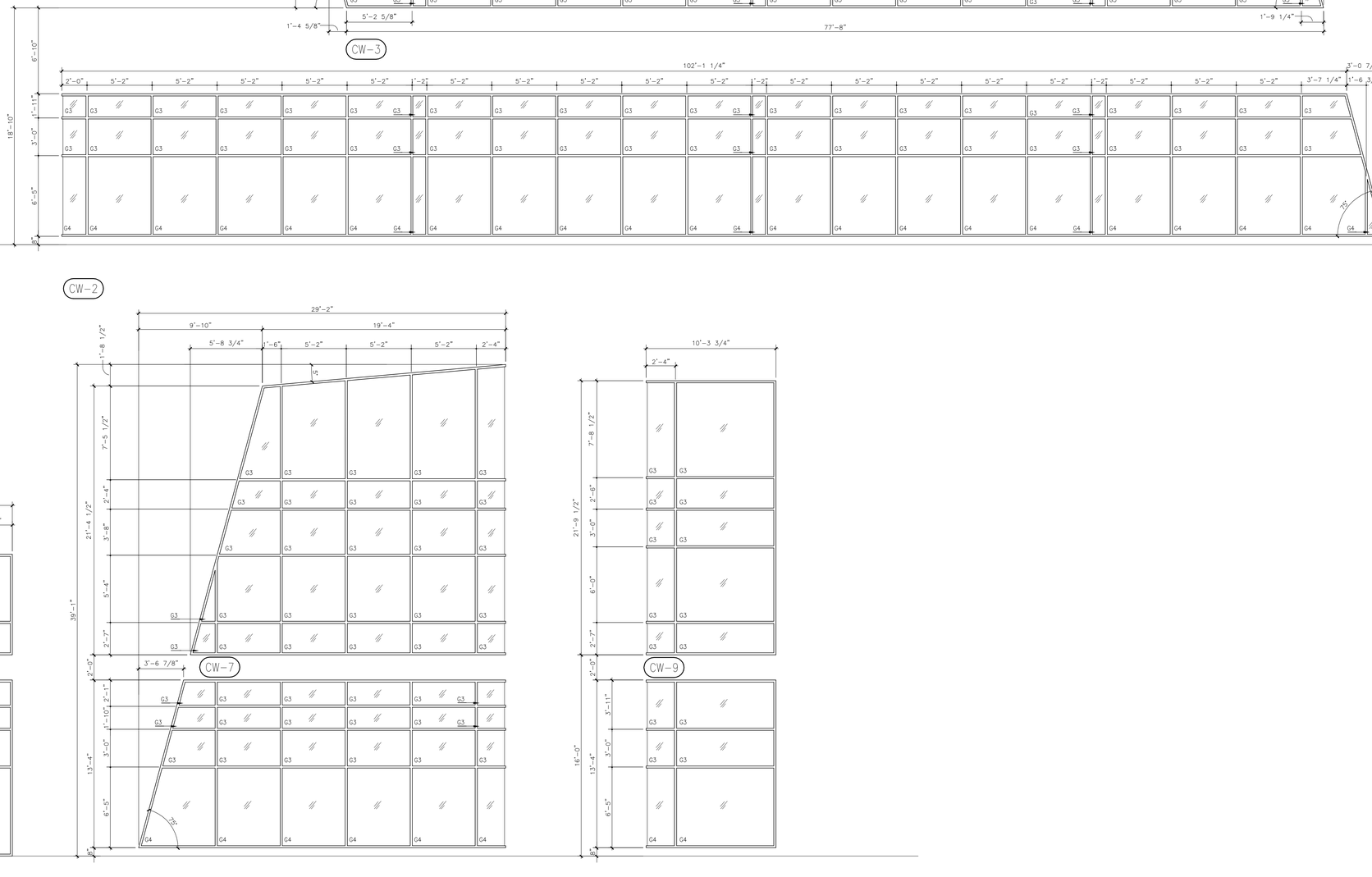
SCALE: 1/4" = 1'-0"



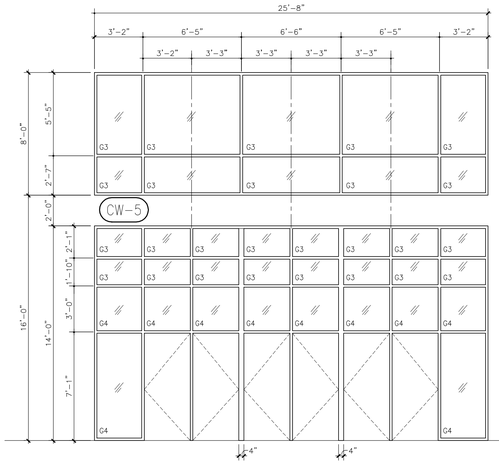
CW-3



CW-1



CW-2



CW-5

CW-4

CW-7

CW-6

CW-9

CW-8

3 A001 CURTAINWALL TYPES

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

ARCHITECTURE
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INTERIOR DESIGN

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MADISON, WI 53705-4395

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DRAWN	IR
CHECKED	RG
DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

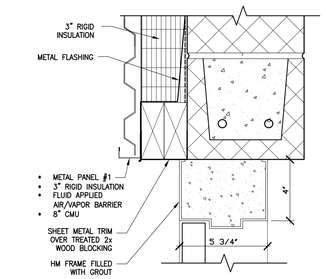
SHEET TITLE

GLAZING TYPES & SCHEDULE

SHEET NO.

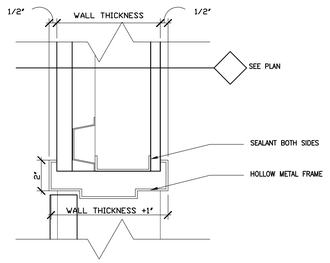
A003

JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A003.DWG



20 / A004 DOOR HEAD DETAIL

SCALE: 3" = 1'-0"



15 / A004 DOOR DETAIL

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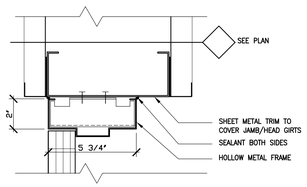
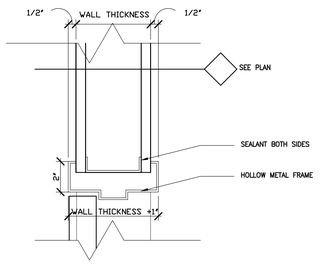


21 / A004 DOOR DETAIL

SCALE: 3" = 1'-0"



16 / A004 DOOR DETAIL

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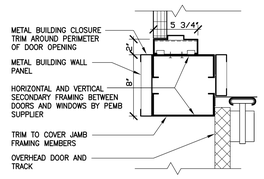
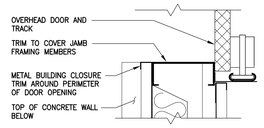
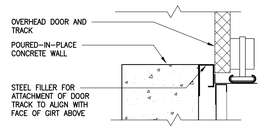


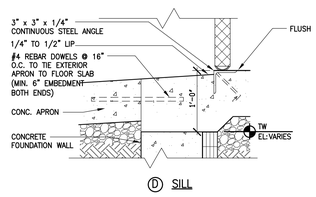
Ⓐ JAMB @ MULLION



Ⓑ JAMB @ METAL WALL



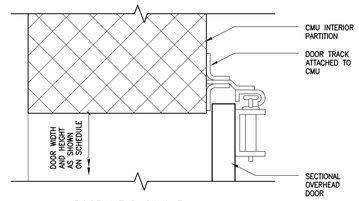
Ⓒ JAMB @ CONC. WALL



Ⓓ SILL

13 / A004 OVERHEAD DOOR DETAIL

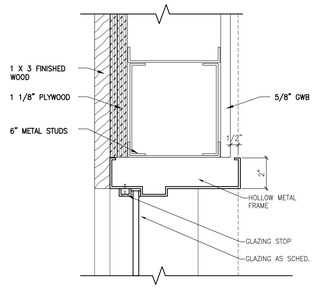
SCALE: 1 1/2" = 1'-0"



DOOR HEAD SIMILAR

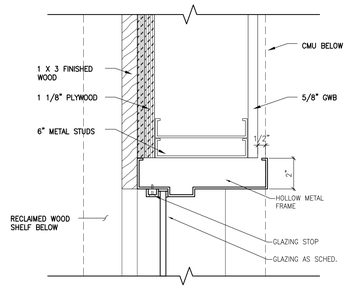
8 / A004 O.H. DOOR JAMB DETAIL

SCALE: 3" = 1'-0"



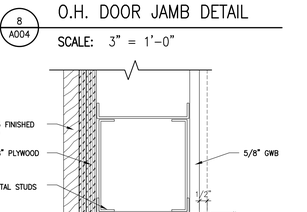
9 / A004 HEAD DETAIL

SCALE: 3" = 1'-0"



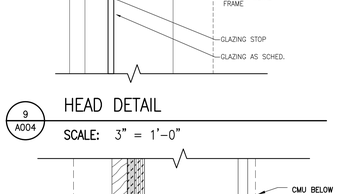
10 / A004 BORROWED LIGHT JAMB DETAIL

SCALE: 3" = 1'-0"



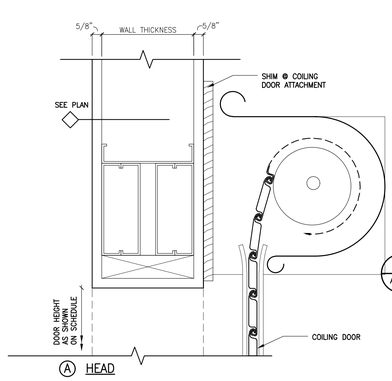
11 / A004 BORROWED LIGHT SILL DETAIL

SCALE: 3" = 1'-0"

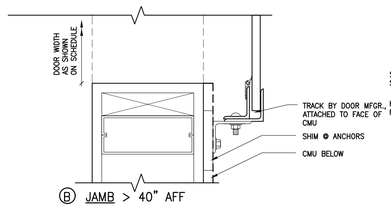


12 / A004 BORROWED LIGHT SILL DETAIL

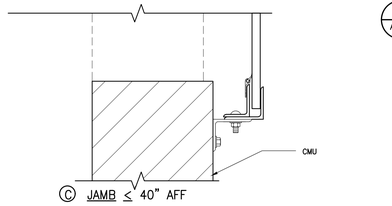
SCALE: 3" = 1'-0"



Ⓐ HEAD



Ⓑ JAMB > 40" AFF



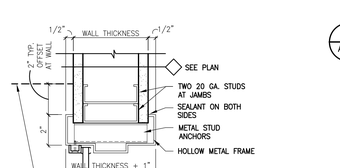
Ⓒ JAMB ≤ 40" AFF

6 / A004 COILING DOOR DETAILS

SCALE: 3" = 1'-0"

SIDELIGHT JAMB (HEAD SIMILAR)

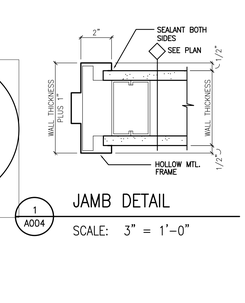
DOOR JAMB @ GLASS SIDELIGHT



SILL @ GLASS SIDELIGHT

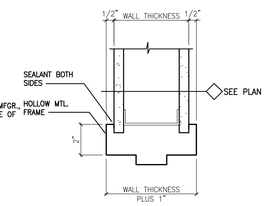
7 / A004 SIDELIGHT AND TRANSOM DETAILS (HM)

SCALE: 3" = 1'-0"



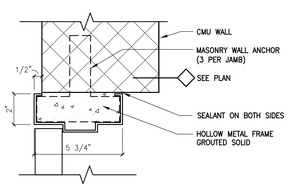
1 / A004 JAMB DETAIL

SCALE: 3" = 1'-0"



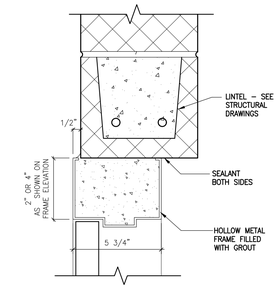
2 / A004 HEAD DETAIL

SCALE: 3" = 1'-0"



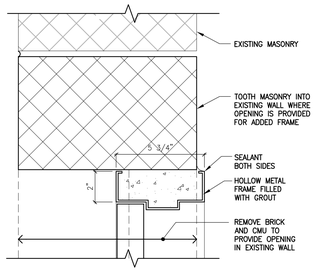
3 / A004 JAMB DETAIL

SCALE: 3" = 1'-0"



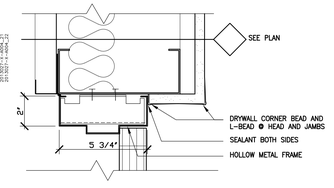
4 / A004 HEAD DETAIL

SCALE: 3" = 1'-0"



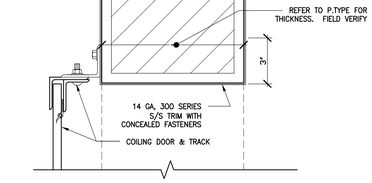
5 / A004 JAMB DETAIL

SCALE: 3" = 1'-0"



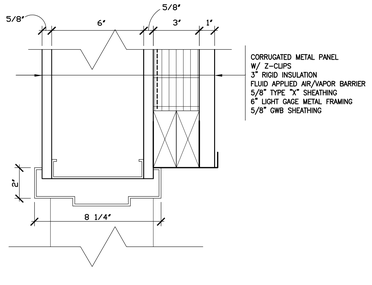
22 / A004 DOOR DETAIL

SCALE: 3" = 1'-0"



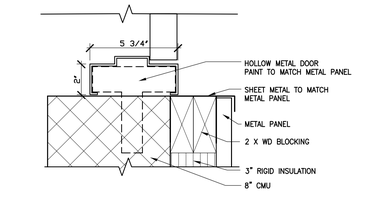
17 / A004 JAMB – CONCESSION COUNTER

SCALE: 3" = 1'-0"



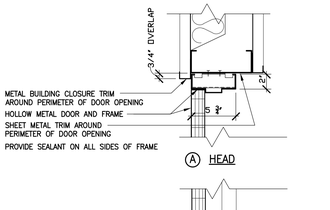
18 / A004 DOOR JAMB DETAIL

SCALE: 3" = 1'-0"

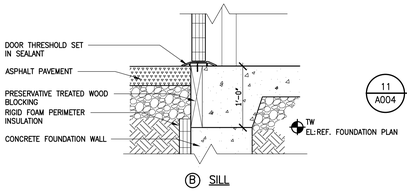


19 / A004 DOOR JAMB @ PREFUNCTION

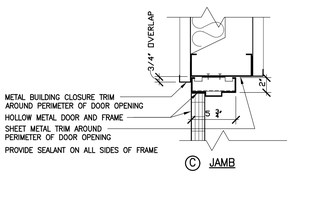
SCALE: 3" = 1'-0"



Ⓐ HEAD



Ⓑ SILL



Ⓒ JAMB

14 / A004 SWINGING DOOR DETAIL

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

ARCHITECTURE
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FILE NAME	2013027_02-A004.DWG
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DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

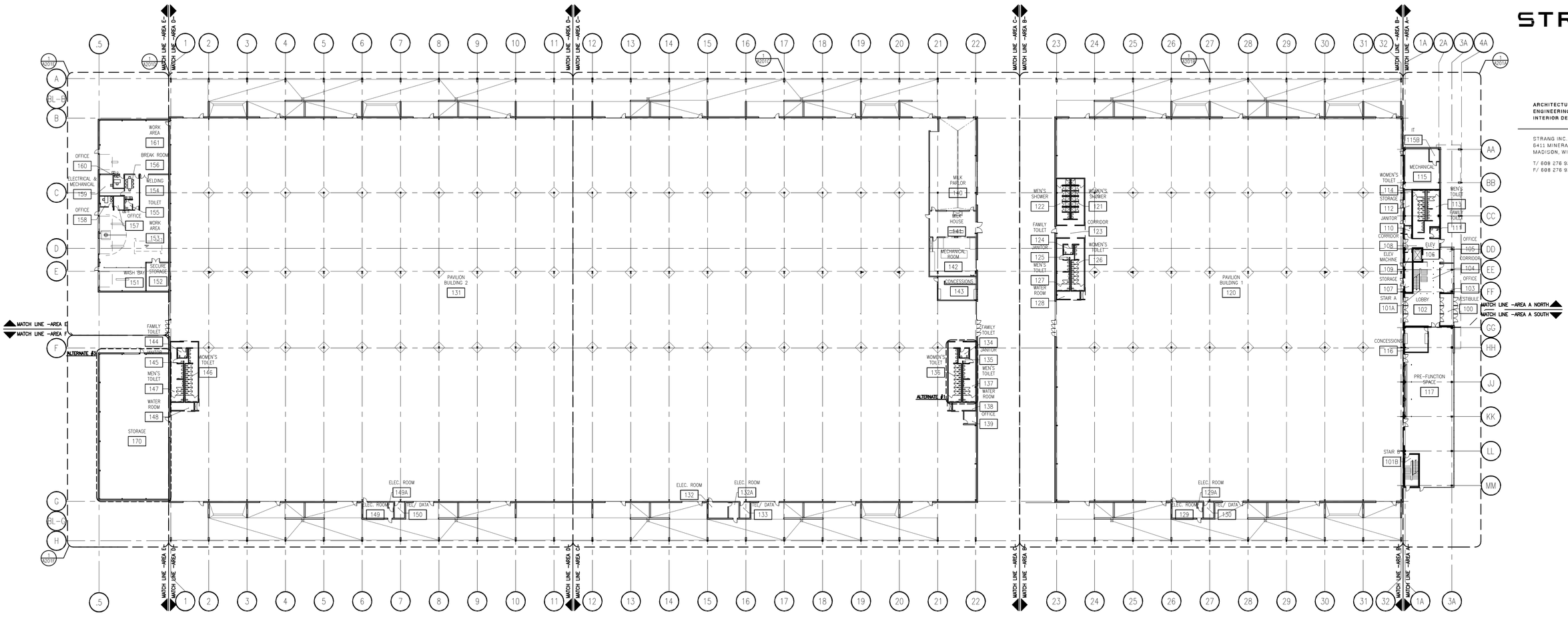
SHEET TITLE

DOOR DETAILS

SHEET NO.

A004

Last Saved: 2013-08-30 2:27 PM By: JUSTIN BALLWEG
JUSTIN BALLWEG 2008-8-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A004.DWG



N

1 A201

FIRST FLOOR REFERENCE PLAN

SCALE: 1/32" = 1'-0"

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PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

E F D C B A

KEY PLAN

N

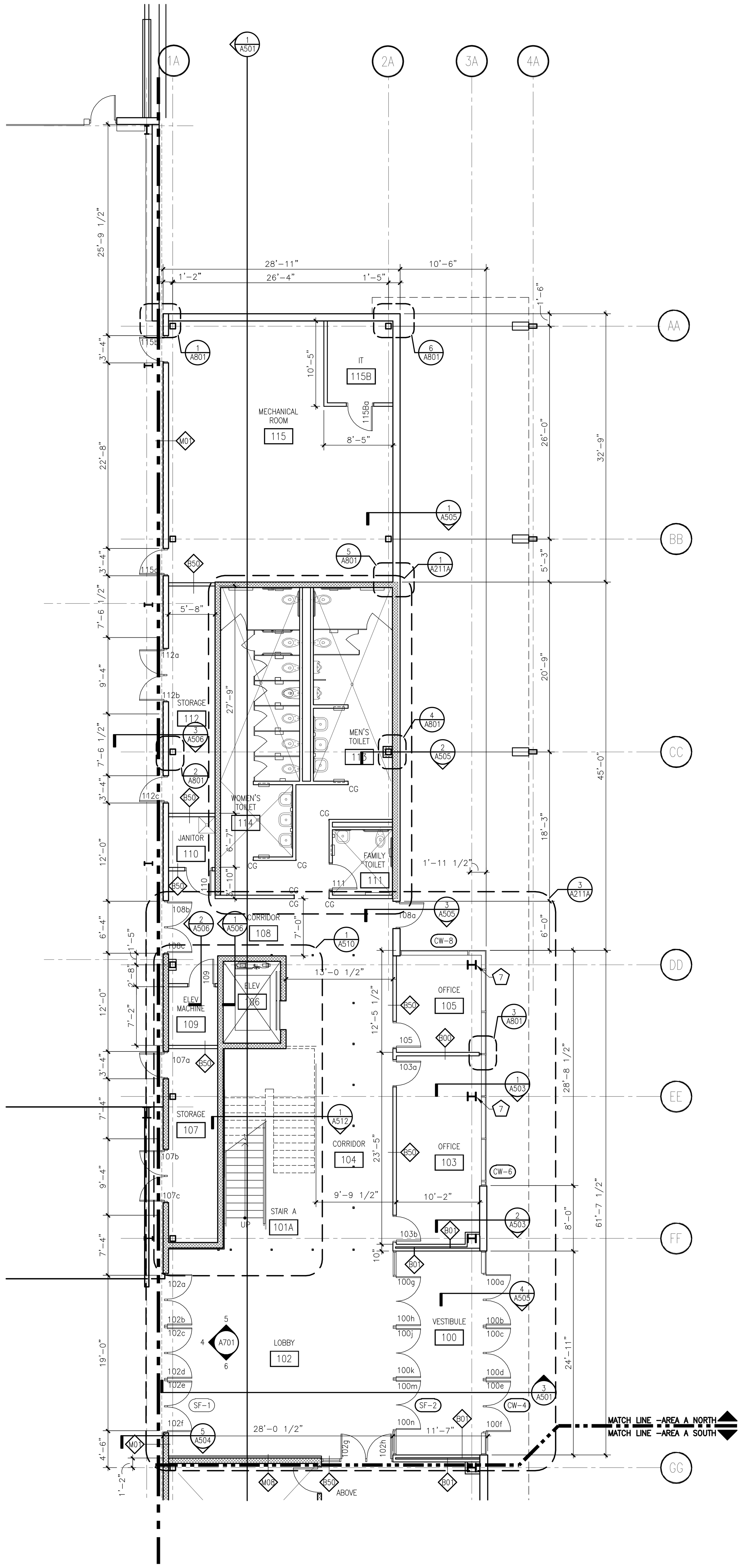
SHEET TITLE

FIRST FLOOR REFERENCE PLAN

SHEET NO.

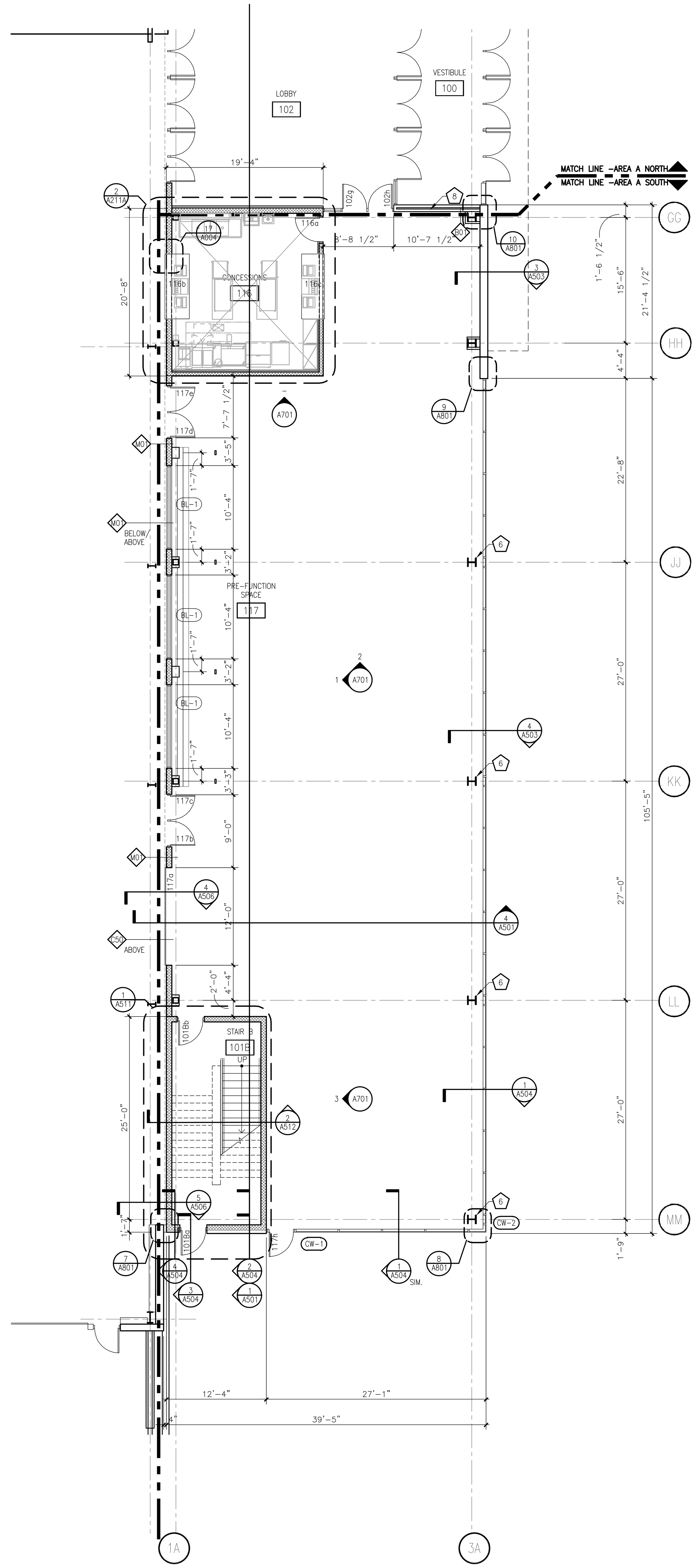
A201

JUSTIN BALLWEG 2008-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A201.DWG



FIRST FLOOR PLAN – AREA A NORTH

SCALE: 1/8" = 1'–0"



FIRST FLOOR PLAN – AREA A SOUTH

SCALE: 1/8" = 1'–0"

GENERAL NOTES

1.	ALL DIMENSIONS ARE GIVEN TO FACE OF WALL OR CENTERLINES. SEE WALL SECTIONS AND PARTITION TYPE SECTIONS FOR CONSTRUCTION.
2.	HOLD DOOR FRAMES 4" FROM ADJACENT WALLS, U.N.O.
3.	GENERAL CONTRACTOR TO PROVIDE BLOCKING FOR ALL WALL MOUNTED ITEMS INCLUDING OWNER FURNISHED ITEMS. COORDINATE WITH OWNER. VERIFY WITH OWNER THE EXACT HEIGHT AND LOCATION OF ALL WALL–MOUNTED AND CEILING MOUNTED EQUIPMENT.
4.	REFER TO LOOSE LINTEL SCHEDULE ON SHEET S001 FOR LINTEL REQUIREMENTS AT HVAC OPENINGS IN MASONRY WALLS.
5.	ALL WOOD FRAMING AND/OR BLOCKING USED IN EXTERIOR WALL SYSTEMS TO BE PRESSURE TREATED "FR" TYPE.
6.	FLOOR SLAB IN MILKING PARLOR TO ACCOMMODATE EQUIPOTENTIAL GROUNDING (SEE STRUCTURAL AND ELECTRICAL DRAWINGS FOR DETAILS)
7.	REFER TO STRUCTURAL PLANS, S201B, S201C & S201D FOR INTERIOR CONCRETE SLAB JOINT LAYOUT
8.	OWNER PROVIDED CONCESSION AND MILK HOUSE/ PARLOR EQUIPMENT SHOWN FOR ROUGH IN LOCATIONS. COORDINATE FINAL EQUIPMENT SELECTION / SPECIFICATIONS PRIOR TO WORK.
9.	EXTERIOR ENVELOPE @ MILK HOUSE/ PARLOR/ MECHANICAL ROOMS, 140–142 AND CONCESSION ROOM 143, PROVIDE CODE MINIMUM R– VALUES, SEE 1/A507, 1/A508 FOR DETAILS.
10.	OFOI RUBBER FLOORMATS FOR MILK PARLOR
11.	PROVIDE 18 GA. SHEET METAL STRAPPING BY 6" WIDE AT ALL WALL MOUNTED ITEMS LOCATED ON GWB OVER METAL STUDS.
12.	ALTERNATE #1: ADD ALTERNATE – INTERIOR BUILD OUT OF FAMILY TOILET 134, JANITOR 135, WOMEN'S TOILET 136, AND MEN'S TOILET 137 (FLOOR SLAB AND UNDER FLOOR SYSTEMS TO BE INCLUDED IN THE SCOPE OF THE WORK)

PLAN – SPECIFIC NOTES

#	
1	PROVIDE CONTINUOUS 2" GALVANIZED PIPE RAIL ATTACHED @ 5'–0" O.C., 24 " A.F.F. – SEE DETAIL 1/A508
2	PROVIDE ROOF LADDER W/ CAGE ATTACHED TO GIRTS & 2'–6" x 8'–0" ROOF ACCESS HATCH TO WALKABLE PLENUM
3	OPEN PLENUM
4	ALUMINUM GRATE PLATFORM
5	ALUMINUM GRATE SCREEN WALL – HINGED ACCESS GATE
6	PROVIDE LEVEL 4 FINISH TO 8'–0" AND LEVEL 2 FINISH ABOVE 8'–0" JPT–1 (PDCIA STD.)
7	PROVIDE LEVEL 4 FINISH TO 10'–2" JPT–1 (PDCIA STD.)
8	PROVIDE RB–1
9	REFER TO ALTERNATE BID #2: WALL & DOOR INCLUDED IN BASE BID. EXCLUDED IN ALT. BID #2. ADD ALUMINUM GRATE GUARD RAIL IN ALTERNATE BID #2.
10	REFER TO ALTERNATE BID #2: FLOOR OPENING WITH TEMPORARY COVER INCLUDED IN BASE. WALLS AND MECHANICAL DUCTWORK INCLUDED IN ALTERNATE BID #2.
11	REFER TO ALTERNATE BID #2: OVER HEAD DOOR NOT INCLUDED IN BASE BID. INCLUDE WOOD TRIM AND DOOR IN ALTERNATE BID #2. (ALUMINUM GRATE GUARD RAIL AND WOOD CAP INCLUDED IN BASED BID AND ALT. #2.)

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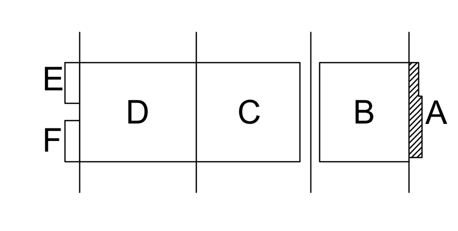
CHECKED	RG
DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713



KEY PLAN

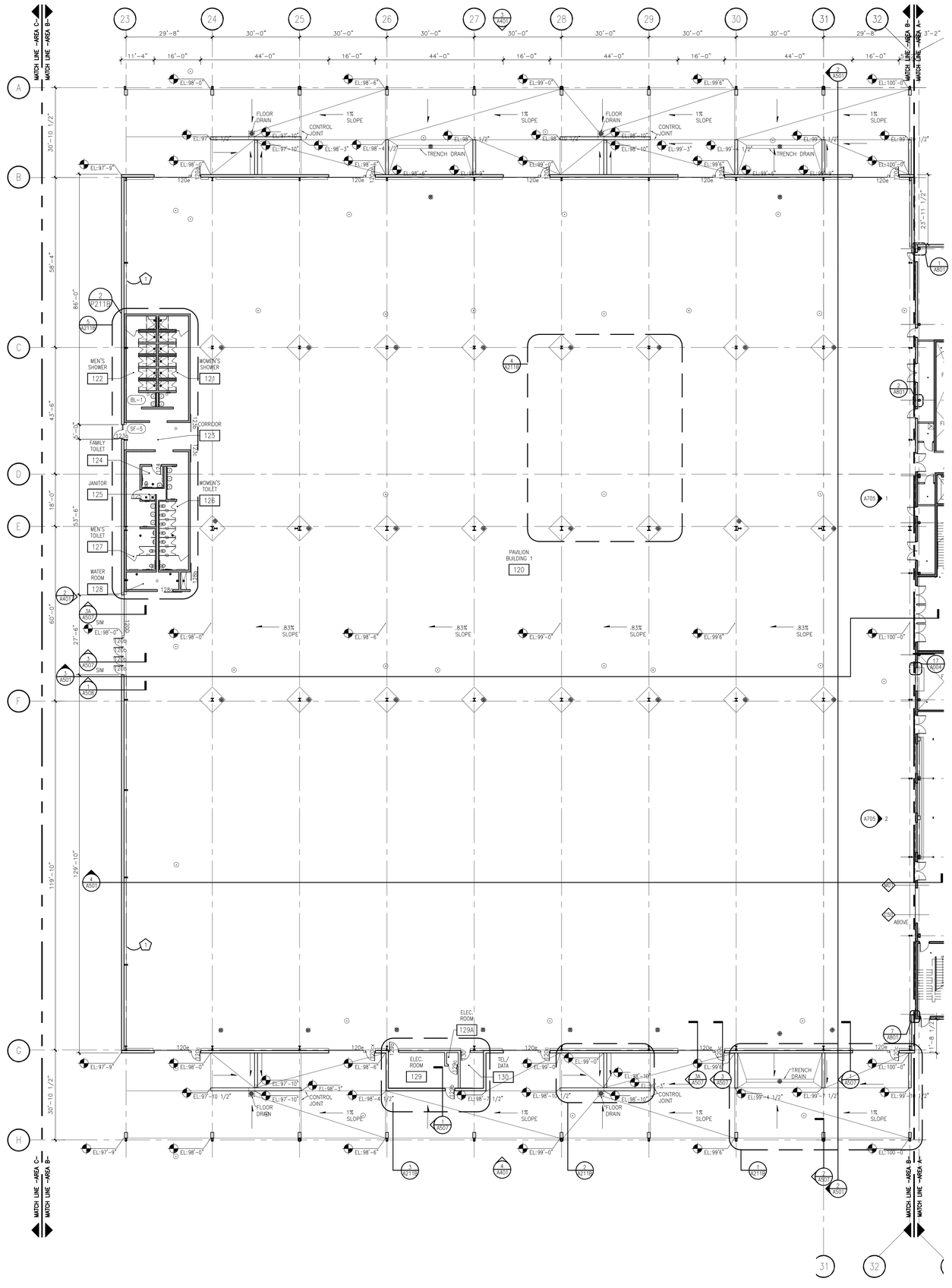
SHEET TITLE

FIRST FLOOR PLAN AREA A

SHEET NO.

A201A

JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A201A.DWG



N

1 A201B

FIRST FLOOR PLAN – AREA B

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

	GENERAL NOTES
1.	ALL DIMENSIONS ARE GIVEN TO FACE OF WALL OR CENTERLINES. SEE WALL SECTIONS AND PARTITION TYPE SECTIONS FOR CONSTRUCTION.
2.	HOLD DOOR FRAMES 4" FROM ADJACENT WALLS, U.N.O.
3.	GENERAL CONTRACTOR TO PROVIDE BLOCKING FOR ALL WALL MOUNTED ITEMS INCLUDING OWNER FURNISHED ITEMS. COORDINATE WITH OWNER. VERIFY WITH OWNER THE EXACT HEIGHT AND LOCATION OF ALL WALL-MOUNTED AND CEILING MOUNTED EQUIPMENT.
4.	REFER TO LOOSE LINTEL SCHEDULE ON SHEET S001 FOR LINTEL REQUIREMENTS AT HVAC OPENINGS IN MASONRY WALLS.
5.	ALL WOOD FRAMING AND/OR BLOCKING USED IN EXTERIOR WALL SYSTEMS TO BE PRESSURE TREATED "FR" TYPE.
6.	FLOOR SLAB IN MILKING PARLOR TO ACCOMMODATE EQUIPOTENTIAL GROUNDING (SEE STRUCTURAL AND ELECTRICAL DRAWINGS FOR DETAILS)
7.	REFER TO STRUCTURAL PLANS, S201B, S201C & S201D FOR INTERIOR CONCRETE SLAB JOINT LAYOUT
8.	OWNER PROVIDED CONCESSION AND MILK HOUSE/ PARLOR EQUIPMENT SHOWN FOR ROUGH IN LOCATIONS. COORDINATE FINAL EQUIPMENT SELECTION / SPECIFICATIONS PRIOR TO WORK.
9.	EXTERIOR ENVELOPE @ MILK HOUSE/ PARLOR/ MECHANICAL ROOMS, 140-142 AND CONCESSION ROOM 143, PROVIDE CODE MINIMUM R- VALUES, SEE 1/A507, 1/A508 FOR DETAILS.
10.	OFOI RUBBER FLOORMATS FOR MILK PARLOR
11.	PROVIDE 18 GA. SHEET METAL STRAPPING BY 6" WIDE AT ALL WALL MOUNTED ITEMS LOCATED ON GWB OVER METAL STUDS.
12.	ALTERNATE #1: ADD ALTERNATE – INTERIOR BUILD OUT OF FAMILY TOILET 134, JANITOR 135, WOMEN'S TOILET 136, AND MEN'S TOILET 137 (FLOOR SLAB AND UNDER FLOOR SYSTEMS TO BE INCLUDED IN THE SCOPE OF THE WORK)

#	PLAN – SPECIFIC NOTES
1	PROVIDE CONTINUOUS 2" GALVANIZED PIPE RAIL ATTACHED @ 5'-0" O.C., 24 " A.F.F. – SEE DETAIL 1/A508
2	PROVIDE ROOF LADDER W/ CAGE ATTACHED TO GIRTS & 2'-6" x 8'-0" ROOF ACCESS HATCH TO WALKABLE PLENUM
3	OPEN PLENUM
4	ALUMINUM GRATE PLATFORM
5	ALUMINUM GRATE SCREEN WALL – HINGED ACCESS GATE
6	PROVIDE LEVEL 4 FINISH TO 8'-0" AND LEVEL 2 FINISH ABOVE 8'-0" JPT-1 (PDCIA STD.)
7	PROVIDE LEVEL 4 FINISH TO 10'-2" JPT-1 (PDCIA STD.)
8	PROVIDE RB-1
9	REFER TO ALTERNATE BID #2: WALL & DOOR INCLUDED IN BASE BID. EXCLUDED IN ALT. BID #2. ADD ALUMINUM GRATE GUARD RAIL IN ALTERNATE BID #2.
10	REFER TO ALTERNATE BID #2: FLOOR OPENING WITH TEMPORARY COVER INCLUDED IN BASE. WALLS AND MECHANICAL DUCTWORK INCLUDED IN ALTERNATE BID #2.
11	REFER TO ALTERNATE BID #2: OVER HEAD DOOR NOT INCLUDED IN BASE BID. INCLUDE WOOD TRIM AND DOOR IN ALTERNATE BID #2. (ALUMINUM GRATE GUARD RAIL AND WOOD CAP INCLUDED IN BASED BID AND ALT. #2.)

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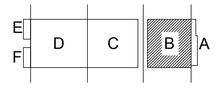
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713



SHEET TITLE

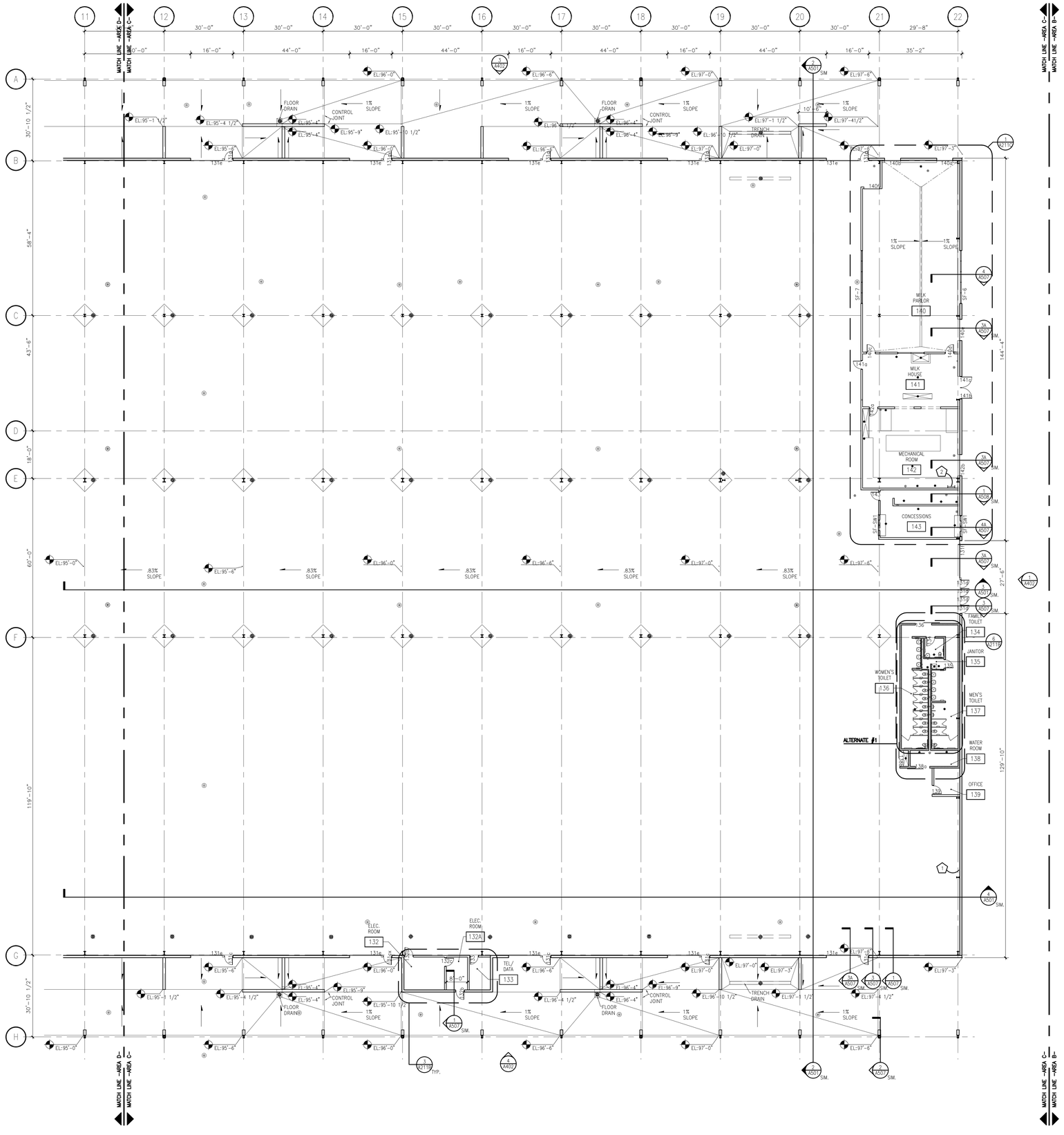
FIRST FLOOR PLAN
AREA B

KEY PLAN

SHEET NO.

A201B

Last Saved By: JUSTIN BALLWEG 2009-8-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A201B.DWG



N

1 A201C

FIRST FLOOR PLAN – AREA C

SCALE: 1/16"= 1'–0"

	GENERAL NOTES
1.	ALL DIMENSIONS ARE GIVEN TO FACE OF WALL OR CENTERLINES. SEE WALL SECTIONS AND PARTITION TYPE SECTIONS FOR CONSTRUCTION.
2.	HOLD DOOR FRAMES 4" FROM ADJACENT WALLS, U.N.O.
3.	GENERAL CONTRACTOR TO PROVIDE BLOCKING FOR ALL WALL MOUNTED ITEMS INCLUDING OWNER FURNISHED ITEMS. COORDINATE WITH OWNER. VERIFY WITH OWNER THE EXACT HEIGHT AND LOCATION OF ALL WALL-MOUNTED AND CEILING MOUNTED EQUIPMENT.
4.	REFER TO LOOSE LINTEL SCHEDULE ON SHEET S001 FOR LINTEL REQUIREMENTS AT HVAC OPENINGS IN MASONRY WALLS.
5.	ALL WOOD FRAMING AND/OR BLOCKING USED IN EXTERIOR WALL SYSTEMS TO BE PRESSURE TREATED "FR" TYPE.
6.	FLOOR SLAB IN MILKING PARLOR TO ACCOMMODATE EQUIPOTENTIAL GROUNDING (SEE STRUCTURAL AND ELECTRICAL DRAWINGS FOR DETAILS)
7.	REFER TO STRUCTURAL PLANS, S201B, S201C & S201D FOR INTERIOR CONCRETE SLAB JOINT LAYOUT
8.	OWNER PROVIDED CONCESSION AND MILK HOUSE/ PARLOR EQUIPMENT SHOWN FOR ROUGH IN LOCATIONS. COORDINATE FINAL EQUIPMENT SELECTION / SPECIFICATIONS PRIOR TO WORK.
9.	EXTERIOR ENVELOPE @ MILK HOUSE/ PARLOR/ MECHANICAL ROOMS, 140-142 AND CONCESSION ROOM 143, PROVIDE CODE MINIMUM R- VALUES, SEE 1/A507, 1/A508 FOR DETAILS.
10.	OFOI RUBBER FLOORMATS FOR MILK PARLOR
11.	PROVIDE 18 GA. SHEET METAL STRAPPING BY 6" WIDE AT ALL WALL MOUNTED ITEMS LOCATED ON GWB OVER METAL STUDS.
12.	ALTERNATE #1: ADD ALTERNATE – INTERIOR BUILD OUT OF FAMILY TOILET 134, JANITOR 135, WOMEN'S TOILET 136, AND MEN'S TOILET 137 (FLOOR SLAB AND UNDER FLOOR SYSTEMS TO BE INCLUDED IN THE SCOPE OF THE WORK)

#	PLAN – SPECIFIC NOTES
1	PROVIDE CONTINUOUS 2" GALVANIZED PIPE RAIL ATTACHED @ 5'–0" O.C., 24 " A.F.F. – SEE DETAIL 1/A508
2	PROVIDE ROOF LADDER W/ CAGE ATTACHED TO GIRTS & 2'–6" x 8'–0" ROOF ACCESS HATCH TO WALKABLE PLENUM
3	OPEN PLENUM
4	ALUMINUM GRATE PLATFORM
5	ALUMINUM GRATE SCREEN WALL – HINGED ACCESS GATE
6	PROVIDE LEVEL 4 FINISH TO 8'–0" AND LEVEL 2 FINISH ABOVE 8'–0" JPT–1 (PDCIA STD.)
7	PROVIDE LEVEL 4 FINISH TO 10'–2" JPT–1 (PDCIA STD.)
8	PROVIDE RB–1
9	REFER TO ALTERNATE BID #2: WALL & DOOR INCLUDED IN BASE BID. EXCLUDED IN ALT. BID #2. ADD ALUMINUM GRATE GUARD RAIL IN ALTERNATE BID #2.
10	REFER TO ALTERNATE BID #2: FLOOR OPENING WITH TEMPORARY COVER INCLUDED IN BASE. WALLS AND MECHANICAL DUCTWORK INCLUDED IN ALTERNATE BID #2.
11	REFER TO ALTERNATE BID #2: OVER HEAD DOOR NOT INCLUDED IN BASE BID. INCLUDE WOOD TRIM AND DOOR IN ALTERNATE BID #2. (ALUMINUM GRATE GUARD RAIL AND WOOD CAP INCLUDED IN BASED BID AND ALT. #2.)

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DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

E F D C B A

KEY PLAN

SHEET TITLE

FIRST FLOOR PLAN AREA C

SHEET NO.

A201C

Last SAVED BY: JUSTIN BALLWEG 2013027_02-A-TB_2b42
PLOTTED: 2013/08/30 - 2:27 PM
XREF: 2013027_02-A-ARCH_GRIDS.dwg
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2013027_02-A-ARCH_Tag Notes

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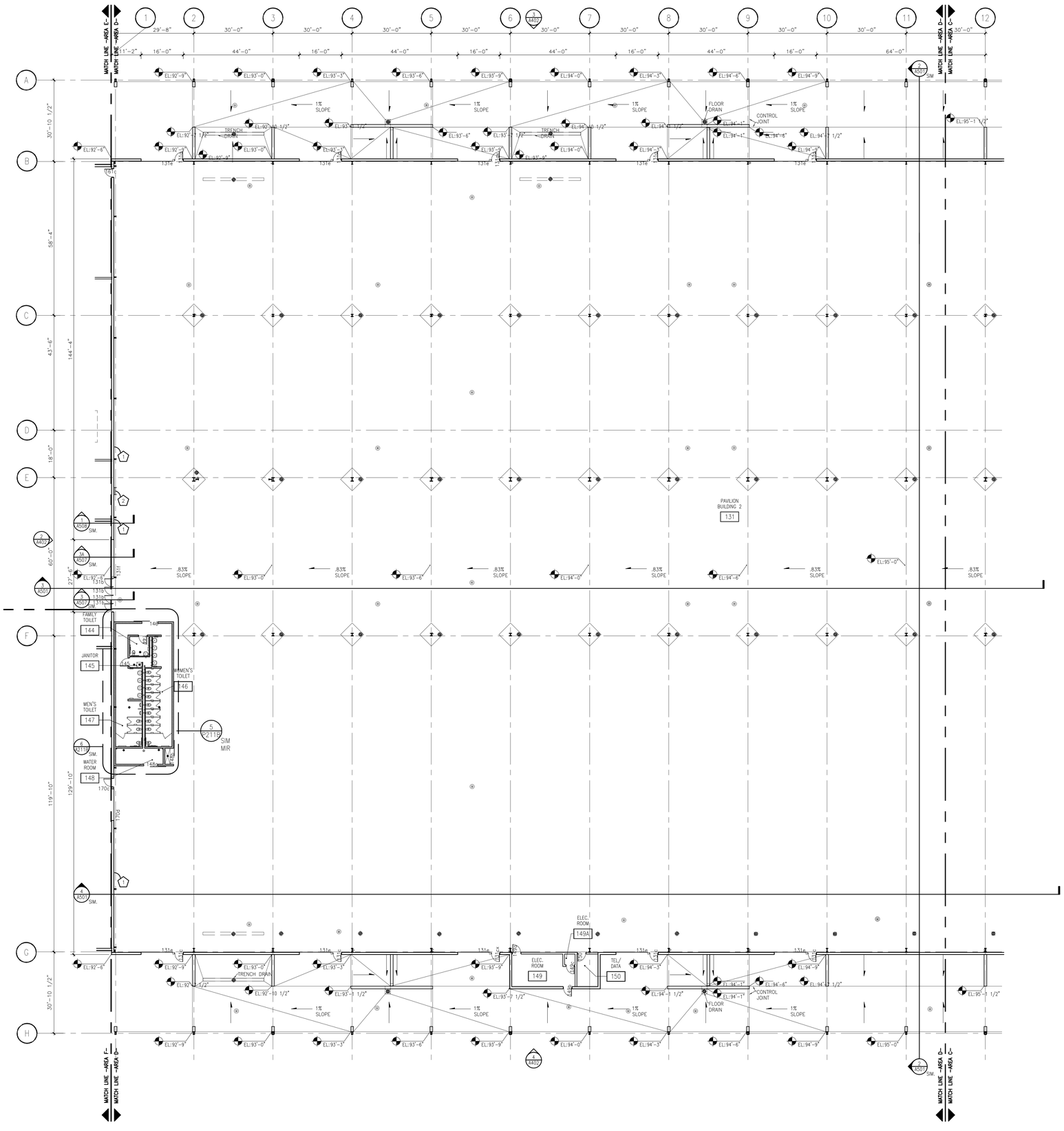

FIRST FLOOR PLAN – AREA D

SCALE: 1/16"= 1'–0"

GENERAL NOTES

1.	ALL DIMENSIONS ARE GIVEN TO FACE OF WALL OR CENTERLINES. SEE WALL SECTIONS AND PARTITION TYPE SECTIONS FOR CONSTRUCTION.
2.	HOLD DOOR FRAMES 4" FROM ADJACENT WALLS, U.N.O.
3.	GENERAL CONTRACTOR TO PROVIDE BLOCKING FOR ALL WALL MOUNTED ITEMS INCLUDING OWNER FURNISHED ITEMS. COORDINATE WITH OWNER. VERIFY WITH OWNER THE EXACT HEIGHT AND LOCATION OF ALL WALL-MOUNTED AND CEILING MOUNTED EQUIPMENT.
4.	REFER TO LOOSE LINTEL SCHEDULE ON SHEET S001 FOR LINTEL REQUIREMENTS AT HVAC OPENINGS IN MASONRY WALLS.
5.	ALL WOOD FRAMING AND/OR BLOCKING USED IN EXTERIOR WALL SYSTEMS TO BE PRESSURE TREATED "FR" TYPE.
6.	FLOOR SLAB IN MILKING PARLOR TO ACCOMMODATE EQUIPOTENTIAL GROUNDING (SEE STRUCTURAL AND ELECTRICAL DRAWINGS FOR DETAILS)
7.	REFER TO STRUCTURAL PLANS, S201B, S201C & S201D FOR INTERIOR CONCRETE SLAB JOINT LAYOUT
8.	OWNER PROVIDED CONCESSION AND MILK HOUSE/ PARLOR EQUIPMENT SHOWN FOR ROUGH IN LOCATIONS. COORDINATE FINAL EQUIPMENT SELECTION / SPECIFICATIONS PRIOR TO WORK.
9.	EXTERIOR ENVELOPE @ MILK HOUSE/ PARLOR/ MECHANICAL ROOMS, 140-142 AND CONCESSION ROOM 143, PROVIDE CODE MINIMUM R- VALUES, SEE 1/A507, 1/A508 FOR DETAILS.
10.	OFOI RUBBER FLOORMATS FOR MILK PARLOR
11.	PROVIDE 18 GA. SHEET METAL STRAPPING BY 6" WIDE AT ALL WALL MOUNTED ITEMS LOCATED ON GWB OVER METAL STUDS.
12.	ALTERNATE #1: ADD ALTERNATE – INTERIOR BUILD OUT OF FAMILY TOILET 134, JANITOR 135, WOMEN'S TOILET 136, AND MEN'S TOILET 137 (FLOOR SLAB AND UNDER FLOOR SYSTEMS TO BE INCLUDED IN THE SCOPE OF THE WORK)

PLAN – SPECIFIC NOTES

#	
1	PROVIDE CONTINUOUS 2" GALVANIZED PIPE RAIL ATTACHED @ 5'–0" O.C., 24 " A.F.F. – SEE DETAIL 1/A508
2	PROVIDE ROOF LADDER W/ CAGE ATTACHED TO GIRTS & 2'–6" x 8'–0" ROOF ACCESS HATCH TO WALKABLE PLENUM
3	OPEN PLENUM
4	ALUMINUM GRATE PLATFORM
5	ALUMINUM GRATE SCREEN WALL – HINGED ACCESS GATE
6	PROVIDE LEVEL 4 FINISH TO 8'–0" AND LEVEL 2 FINISH ABOVE 8'–0" JPT–1 (PDCIA STD.)
7	PROVIDE LEVEL 4 FINISH TO 10'–2" JPT–1 (PDCIA STD.)
8	PROVIDE RB–1
9	REFER TO ALTERNATE BID #2: WALL & DOOR INCLUDED IN BASE BID. EXCLUDED IN ALT. BID #2. ADD ALUMINUM GRATE GUARD RAIL IN ALTERNATE BID #2.
10	REFER TO ALTERNATE BID #2: FLOOR OPENING WITH TEMPORARY COVER INCLUDED IN BASE. WALLS AND MECHANICAL DUCTWORK INCLUDED IN ALTERNATE BID #2.
11	REFER TO ALTERNATE BID #2: OVER HEAD DOOR NOT INCLUDED IN BASE BID. INCLUDE WOOD TRIM AND DOOR IN ALTERNATE BID #2. (ALUMINUM GRATE GUARD RAIL AND WOOD CAP INCLUDED IN BASED BID AND ALT. #2.)

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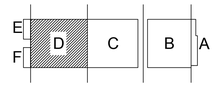
DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713



SHEET TITLE

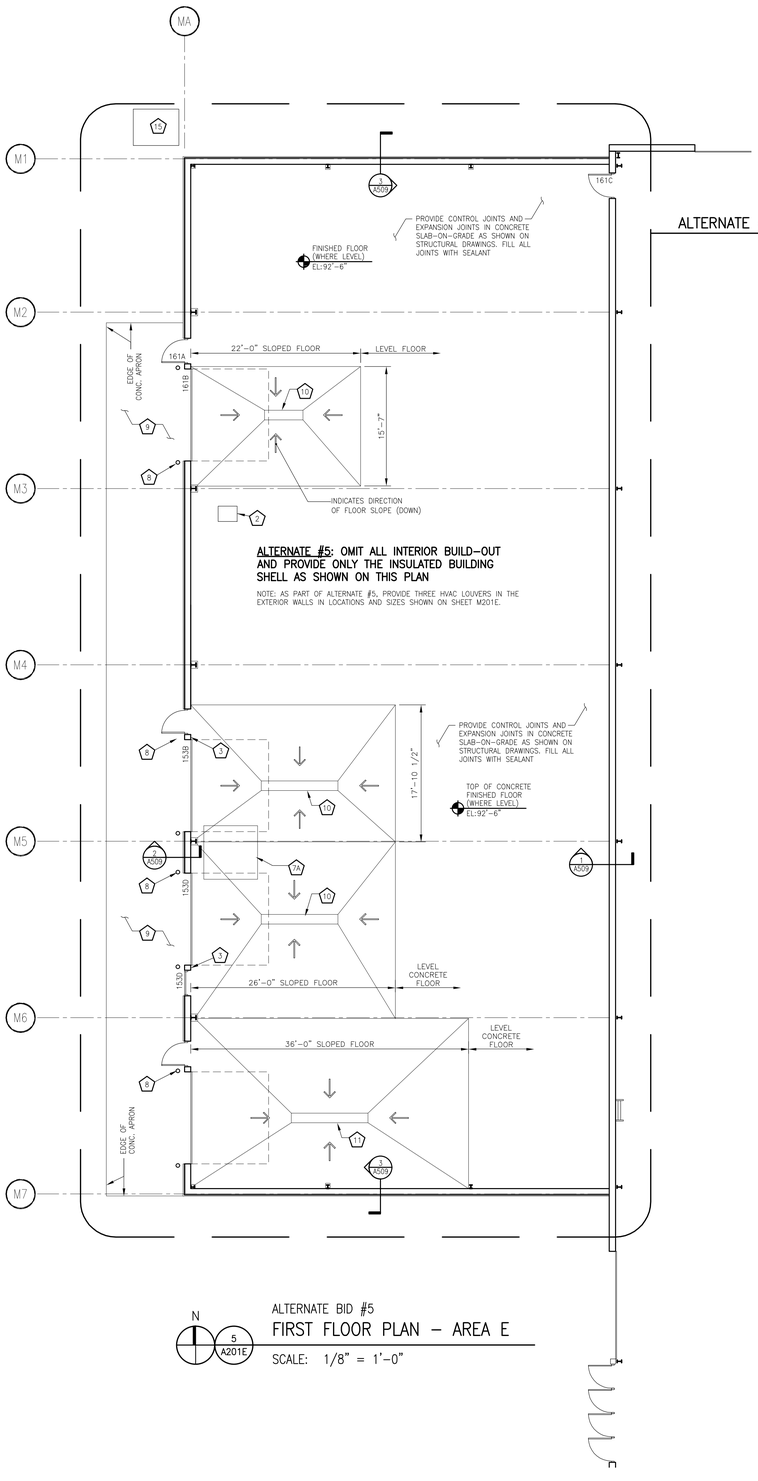
FIRST FLOOR PLAN
AREA D

KEY PLAN

SHEET NO.

A201D

JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_03-A201D.DWG

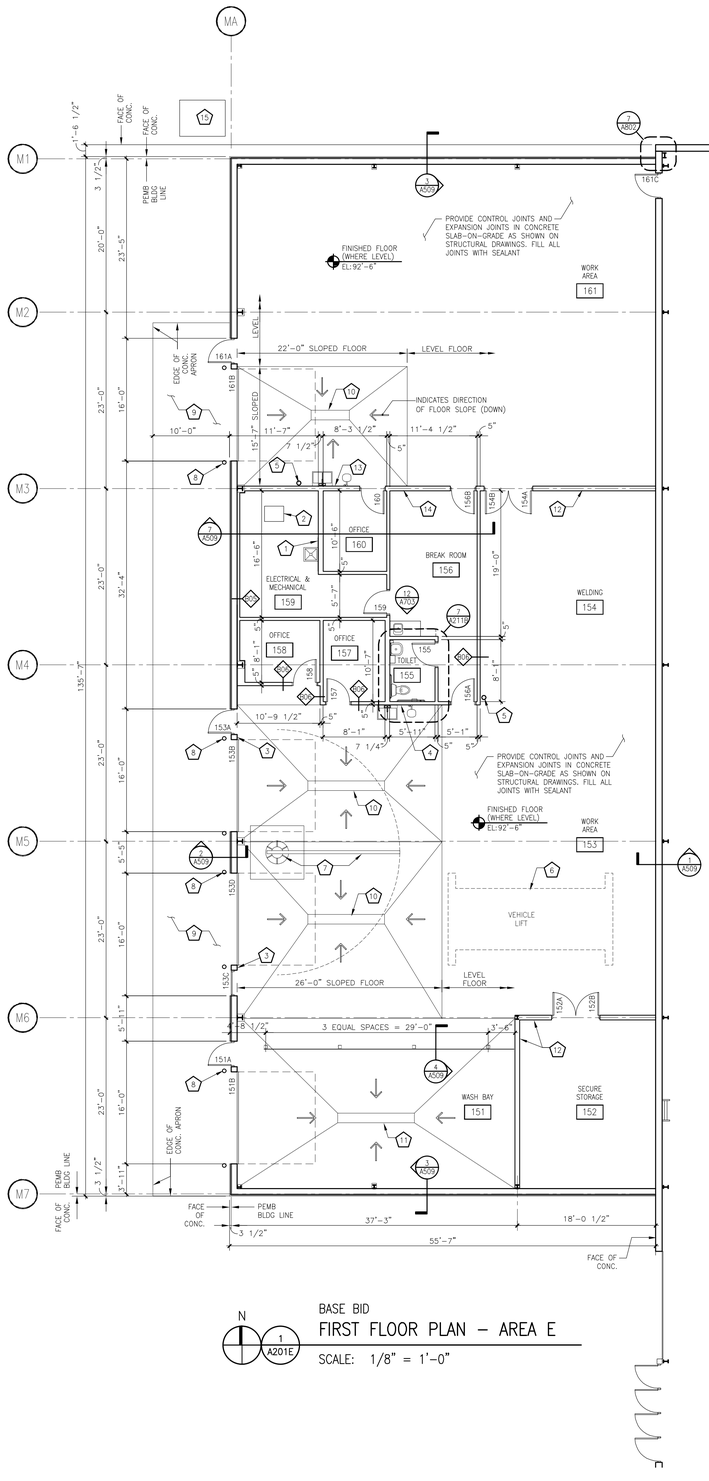


N 5 A201E

ALTERNATE BID #5

FIRST FLOOR PLAN – AREA E

SCALE: 1/8" = 1'-0"



N 1 A201E

BASE BID

FIRST FLOOR PLAN – AREA E

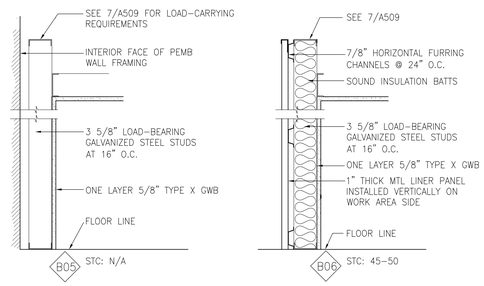
SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. DIMENSIONS ARE GIVEN TO FINISHED FACE OF GYPSUM WALLBOARD AND/OR FACE OF MASONRY AND/OR FACE OF CONCRETE.
2. ALL WALL AND PARTITION THICKNESS DIMENSIONS ARE NOMINAL DIMENSIONS. SEE PARTITION TYPE SECTIONS AND WALL SECTIONS FOR DESCRIPTION OF CONSTRUCTION.
3. ALL PARITIONS ARE TYPE 'B11' UNLESS NOTED OTHERWISE.
4. WHERE ENLARGED PARTIAL FLOOR PLANS ARE REFERENCED, THE DIMENSIONS, PARTITION TYPES, AND OTHER INFORMATION ARE SHOWN ON THE ENLARGED PLANS FOR THESE AREAS.
5. ALL PENETRATIONS OF FIRE RATED WALLS AND FLOORS SHALL BE FIRESTOPPED BY THE TRADE MAKING THE PENETRATION.
6. ALL PENETRATIONS OF NON-RATED CONSTRUCTION SHALL BE SOUNDPROOFED BY THE TRADE MAKING THE PENETRATION.
7. PROVIDE BLOCKING FOR ALL WALL-MOUNTED AND CEILING MOUNTED ACCESSORIES INCLUDING BUT NOT LIMITED TO CASEWORK AND OTHER CABINETRY, COAT RACKS, GRAB BARS AND TOILET ACCESSORIES, CHALKBOARDS AND TACKBOARDS HANDRAILS, WINDOW COVERINGS, AND FIRE EXTINGUISHERS, INCLUDING OWNER-PROVIDED ITEMS.
8. VERIFY WITH OWNER THE EXACT LOCATIONS OF OWNER-PROVIDED EQUIPMENT AND MATERIALS.

FLOOR PLAN SPECIFIC NOTES

1. PROVIDE A FIBERGLASS REINFORCED PANEL ON WALL @ SERVICE SINK. EXTEND FRP 12 INCHES BEYOND SINK IN BOTH DIRECTIONS.
2. PROVIDE 4-INCH HIGH CONCRETE PAD UNDER HVAC EQUIPMENT. VERIFY EXACT SIZE AND LOCATION WITH HVAC CONTRACTOR.
3. INSTALL AN OWNER-FURNISHED VEHICLE EXHAUST PORT IN CONCRETE WALL.
4. PROVIDE A FIBERGLASS REINFORCED PANEL ON WALL BEHIND SINK & EMERG. EYEWASH. SEE DETAIL 3/A201E
5. PROVIDE A 10-LB. FIRE EXTINGUISHER ON A WALL BRACKET INCLUDING SIGNAGE. REFER TO SPECIFICATIONS.
6. FREE-STANDING VEHICLE LIFT INSTALLED BY OWNER.
7. PROVIDE A JIB CRANE IN LOCATION INDICATED. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. REFER TO STRUCTURAL DRAWINGS FOR FOOTING INFORMATION.
8. ALTERNATE BID #5: PROVIDE ONLY THE FOOTING FOR JIB CRANE – SEE STRUCTURAL DRAWINGS
9. PROVIDE CONCRETE-FILLED STEEL PIPE BOLLARDS ON THE EXTERIOR SIDE AT BOTH JAMBS OF OVERHEAD DOOR. SEE DETAIL 8/A509.
10. POURED-IN-PLACE CONCRETE APRON CONSTRUCTED OF 7-INCH THICK CONCRETE PAVEMENT WITH ONE LAYER OF 6x6-W2.0xW2.0 WELDED WIRE FABRIC
11. TRENCH DRAIN BY PLUMBING CONTRACTOR. TOP OF GRATE ELEVATION = 92'- 4"
12. TRENCH DRAIN BY PLUMBING CONTRACTOR. TOP OF GRATE ELEVATION = 92'-2"
13. PARTITION TO BE CONSTRUCTED OF VERTICAL METAL LINER PANEL ON BOTH SIDES, ATTACHED TO HORIZONTAL METAL BUILDING GIRTS. EXTEND PARTITION FROM FLOOR LINE TO UNDERSIDE OF ROOF STRUCTURE.
14. PROVIDE A FIBERGLASS REINFORCED PANEL ON WALL BEHIND SINK & EMERGENCY EYEWASH. SEE DETAIL 4/A201E
15. PARTITION TO BE CONSTRUCTED OF VERTICAL METAL LINER PANEL ON BOTH SIDES, ATTACHED TO HORIZONTAL METAL BUILDING GIRTS. EXTEND PARTITION FROM FLOOR LINE TO UNDERSIDE OF ROOF STRUCTURE. ON SIDE OPPOSITE THE WORK AREA, OMIT LINER PANEL AND PROVIDE 5/8" GYPSUM WALL BOARD ATTACHED TO VERTICAL METAL FURRING @ 16" O.C. WITHIN THE ROOMS.
16. 6-INCH THICK UNREINFORCED CONCRETE SLAB-ON-GRADE FOR HVAC EQUIPMENT. COORDINATE SIZE AND LOCATION WITH SITE AND HVAC DESIGN.

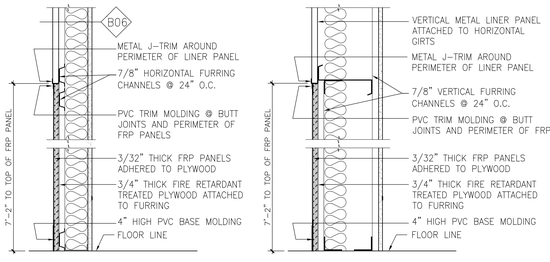


NOTE: SEE SHEET A001 FOR ADDITIONAL PARTITION TYPES NOT SHOWN ABOVE.

2 A201E

PARTITION TYPES

SCALE: N.T.S.



WALL PROTECTION BEHIND SINK

3 A201E

SECTION VIEW

SCALE: N.T.S.

WALL PROTECTION BEHIND SINK

4 A201E

SECTION VIEW

SCALE: N.T.S.

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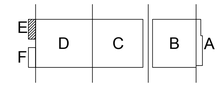
PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

FIRST FLOOR PLAN AREA E



KEY PLAN

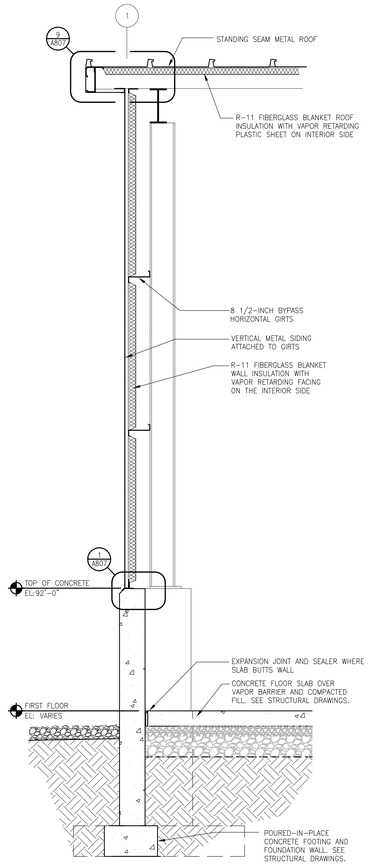
SHEET NO.

A201E

last SAV: 2013027_02-A-Maintenance_Shop
last PLT: 2013027_02-A-ALT#5
2013027_02-A-Maintenance_Shop_ALTERNATE 5

JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A201E.DWG

ALTERNATE #3



3 / A201F — WALL SECTION – AREA F

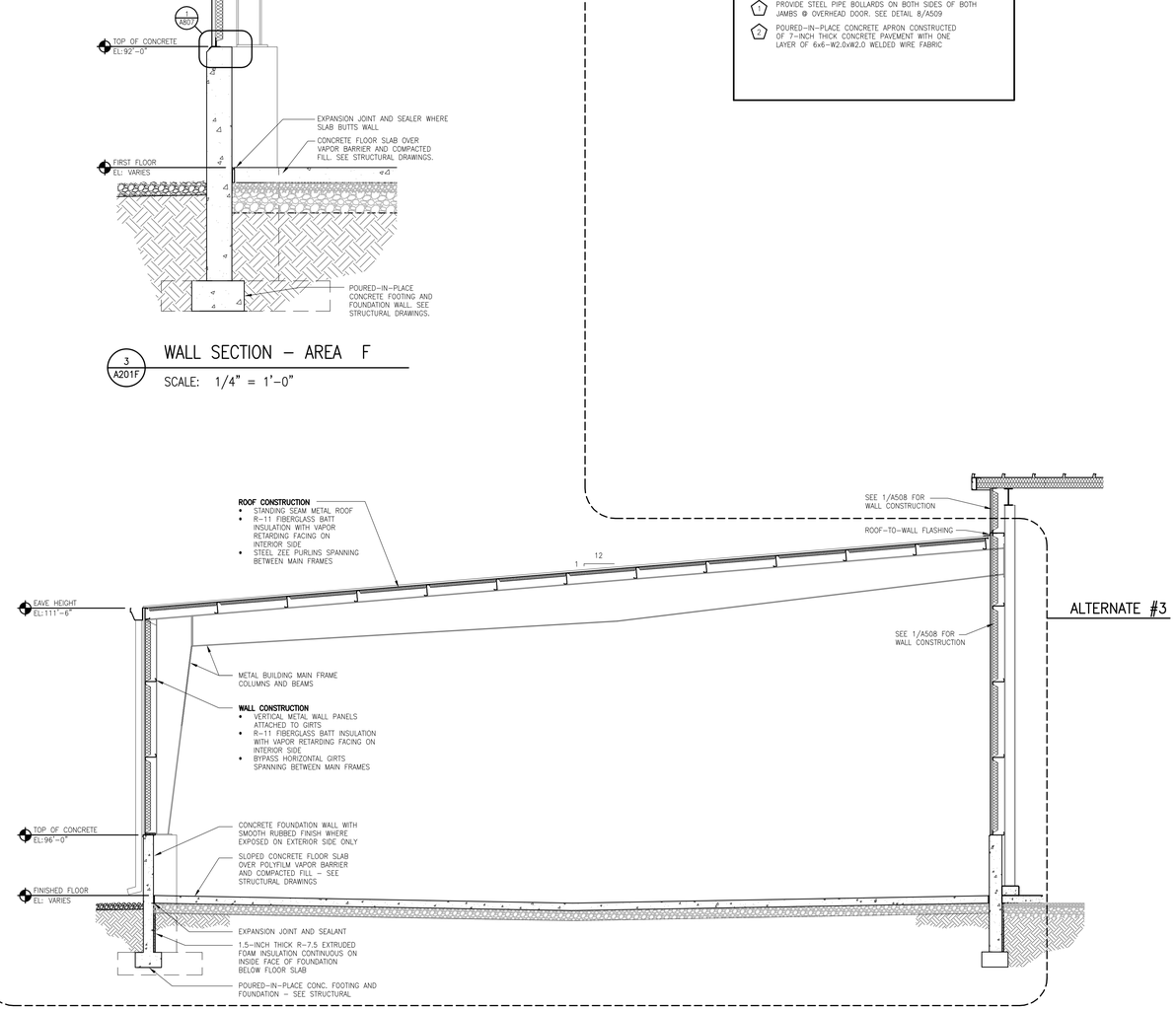
SCALE: 1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. DIMENSIONS ARE GIVEN TO FINISHED FACE OF GYPSUM WALLBOARD AND/OR FACE OF MASONRY AND/OR FACE OF CONCRETE.
2. ALL WALL AND PARTITION THICKNESS DIMENSIONS ARE NOMINAL DIMENSIONS. SEE PARTITION TYPE SECTIONS AND WALL SECTIONS FOR DESCRIPTION OF CONSTRUCTION.
3. ALL PARTITIONS ARE TYPE 'B04' UNLESS NOTED OTHERWISE.
4. WHERE ENLARGED PARTIAL FLOOR PLANS ARE REFERENCED, THE DIMENSIONS, PARTITION TYPES, AND OTHER INFORMATION ARE SHOWN ON THE ENLARGED PLANS FOR THESE AREAS.
5. ALL PENETRATIONS OF FIRE RATED WALLS AND FLOORS SHALL BE FIRESTOPPED BY THE TRADE MAKING THE PENETRATION.
6. ALL PENETRATIONS OF NON-RATED CONSTRUCTION SHALL BE SOUNDPROOFED BY THE TRADE MAKING THE PENETRATION.
7. PROVIDE BLOCKING FOR ALL WALL-MOUNTED AND CEILING MOUNTED ACCESSORIES INCLUDING BUT NOT LIMITED TO CASEWORK AND OTHER CABINETRY, COAT RACKS, GRAB BARS AND TOILET ACCESSORIES, CHALKBOARDS AND TACKBOARDS HANDRAILS, WINDOW COVERINGS, AND FIRE EXTINGUISHERS, INCLUDING OWNER-PROVIDED ITEMS.
8. VERIFY WITH OWNER THE EXACT LOCATIONS OF OWNER-PROVIDED EQUIPMENT AND MATERIALS.

FLOOR PLAN SPECIFIC NOTES

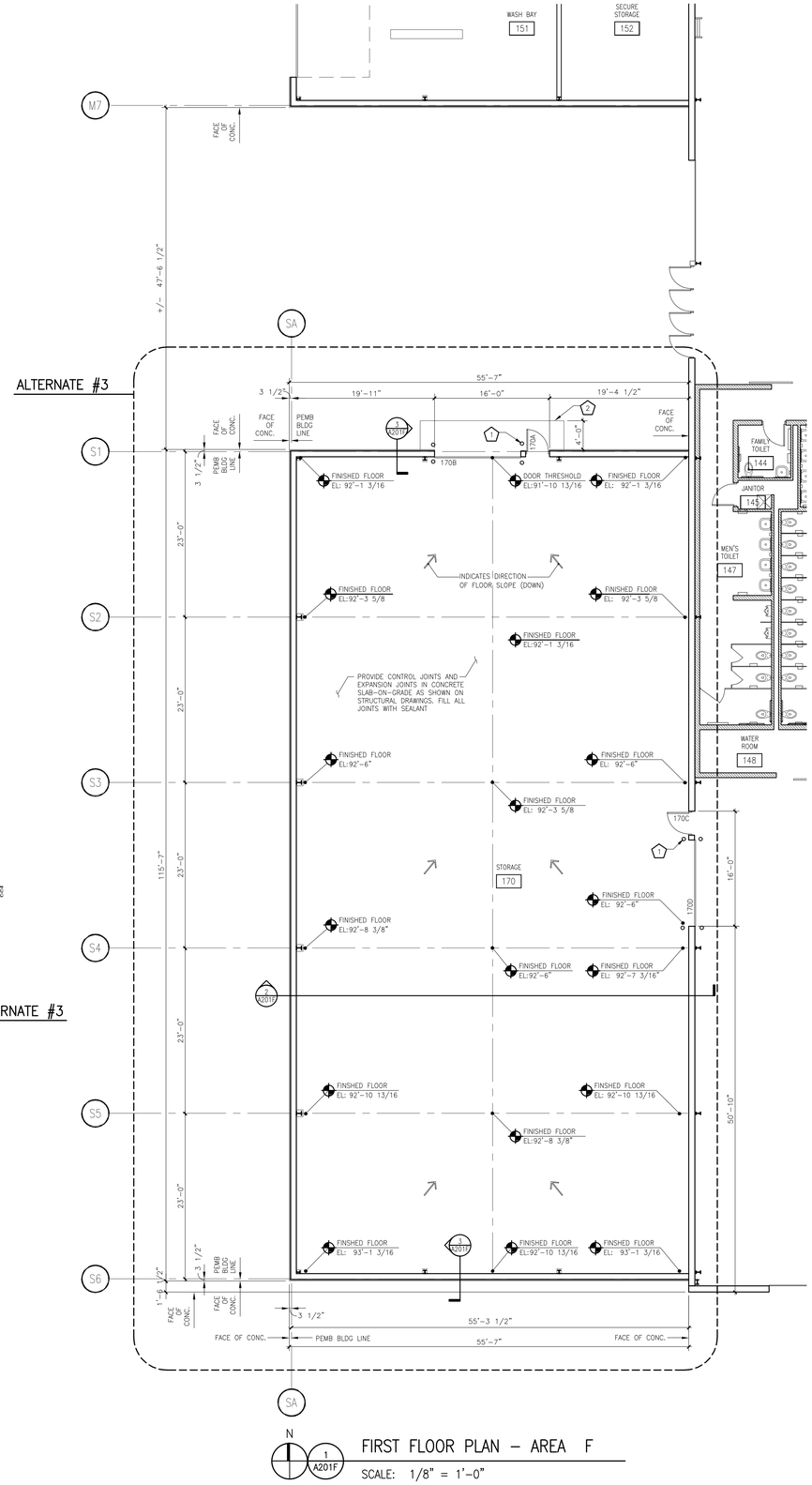
1. PROVIDE STEEL PIPE BOLLARDS ON BOTH SIDES OF BOTH JAMBS @ OVERHEAD DOOR. SEE DETAIL 8/A509
2. POURED-IN-PLACE CONCRETE APRON CONSTRUCTED OF 7-INCH THICK CONCRETE PAVEMENT WITH ONE LAYER OF 6x6-W2.0xW2.0 WELDED WIRE FABRIC



ALTERNATE #3

2 / A201F — BUILDING CROSS SECTION – AREA F

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



N

1 / A201F — FIRST FLOOR PLAN – AREA F

SCALE: 1/8" = 1'-0"

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PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

FIRST FLOOR PLAN
AREA F

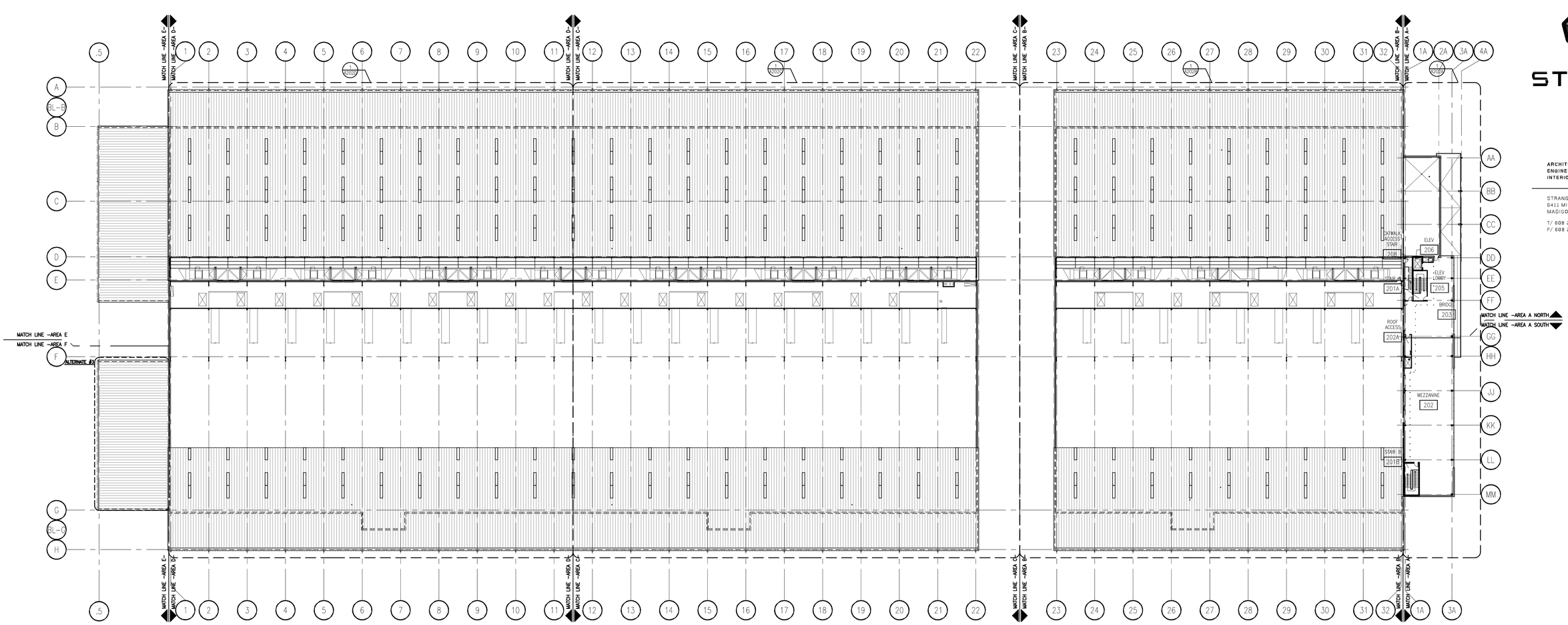
E F D C B A

KEY PLAN

SHEET NO.

A201F

JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A201F.DWG



N

1 A202 MEZZANINE REFERENCE PLAN

SCALE: 1/32" = 1'–0"

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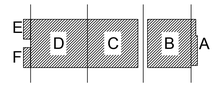
PROJECT TITLE

ALLIANT ENERGY
CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713



KEY PLAN

SHEET TITLE

MEZZANINE
REFERENCE PLAN

SHEET NO.

A202

JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A202.DWG

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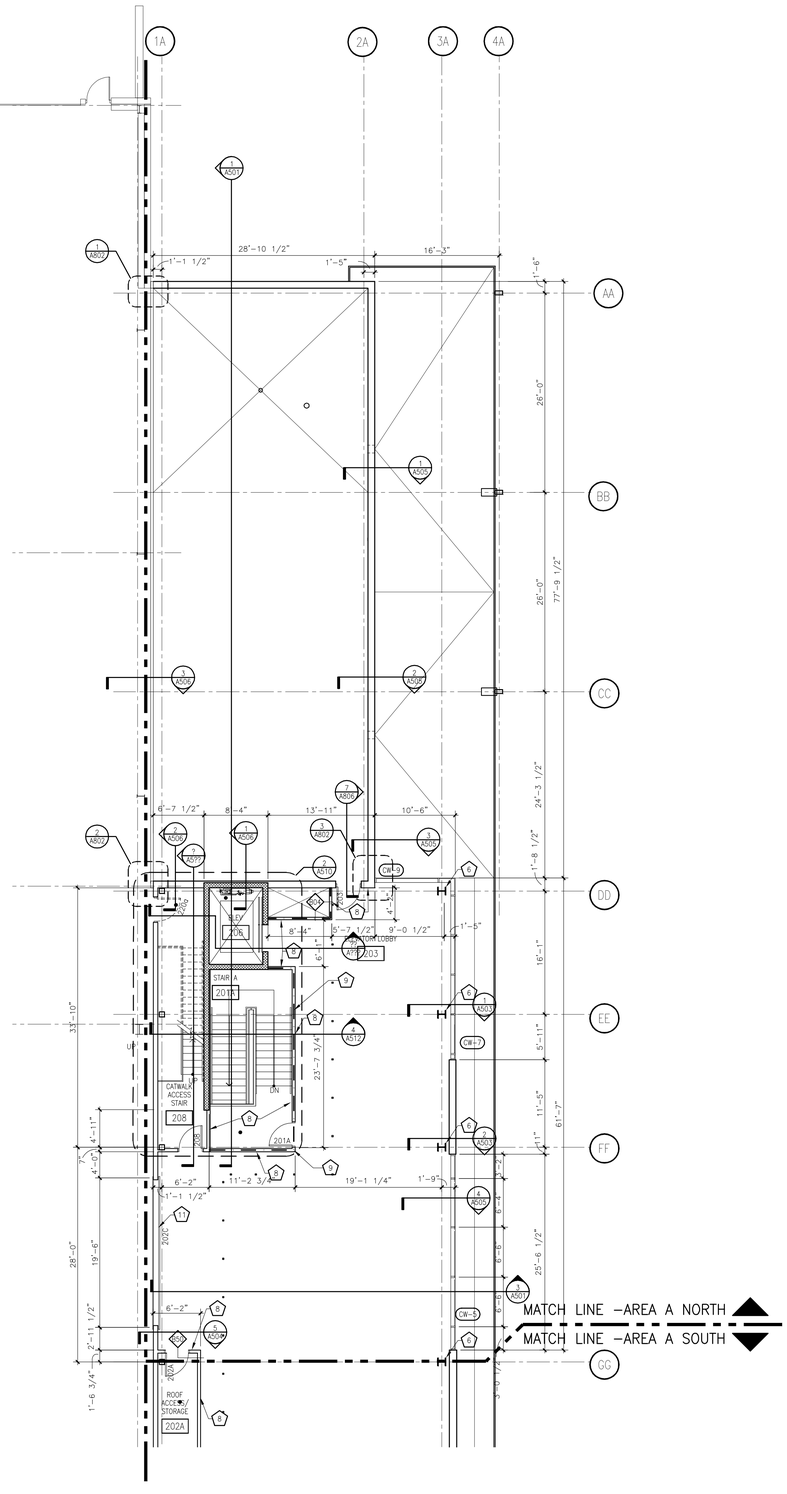

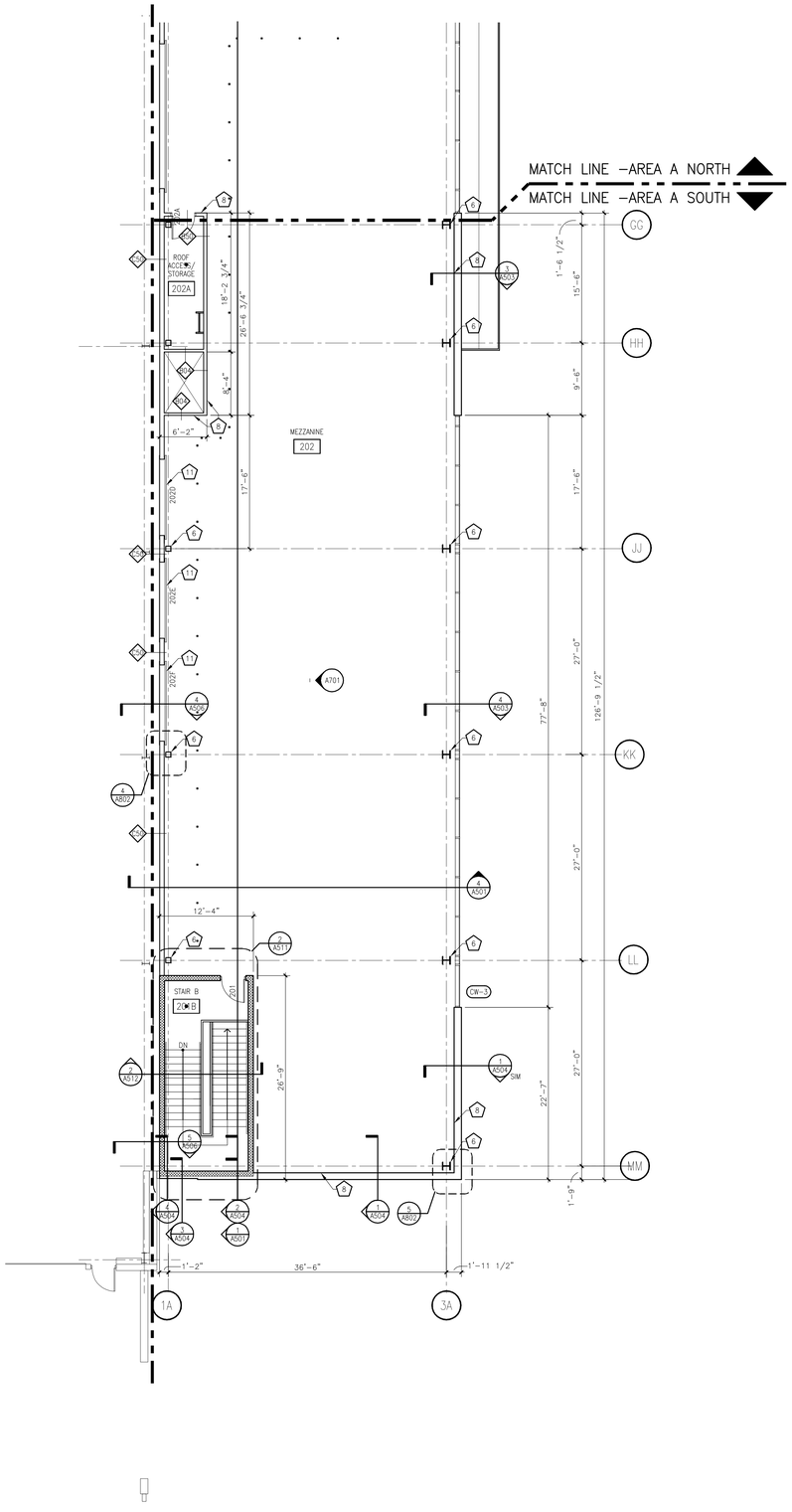

GENERAL NOTES

1.	ALL DIMENSIONS ARE GIVEN TO FACE OF WALL OR CENTERLINES. SEE WALL SECTIONS AND PARTITION TYPE SECTIONS FOR CONSTRUCTION.
2.	HOLD DOOR FRAMES 4" FROM ADJACENT WALLS, U.N.O.
3.	GENERAL CONTRACTOR TO PROVIDE BLOCKING FOR ALL WALL MOUNTED ITEMS INCLUDING OWNER FURNISHED ITEMS; COORDINATE WITH OWNER. VERIFY WITH OWNER THE EXACT HEIGHT AND LOCATION OF ALL WALL-MOUNTED AND CEILING MOUNTED EQUIPMENT.
4.	REFER TO LOOSE LINTEL SCHEDULE ON SHEET S001 FOR LINTEL REQUIREMENTS AT HVAC OPENINGS IN MASONRY WALLS.
5.	ALL WOOD FRAMING AND/OR BLOCKING USED IN EXTERIOR WALL SYSTEMS TO BE PRESSURE TREATED "FR" TYPE.
6.	FLOOR SLAB IN MILKING PARLOR TO ACCOMMODATE EQUIPOTENTIAL GROUNDING (SEE STRUCTURAL AND ELECTRICAL DRAWINGS FOR DETAILS)
7.	REFER TO STRUCTURAL PLANS, S201B, S201C & S201D FOR INTERIOR CONCRETE SLAB JOINT LAYOUT
8.	OWNER PROVIDED CONCESSION AND MILK HOUSE/ PARLOR EQUIPMENT SHOWN FOR ROUGH IN LOCATIONS. COORDINATE FINAL EQUIPMENT SELECTION / SPECIFICATIONS PRIOR TO WORK.
9.	EXTERIOR ENVELOPE @ MILK HOUSE/ PARLOR/ MECHANICAL ROOMS, 140–142 AND CONCESSION ROOM 143, PROVIDE CODE MINIMUM R– VALUES, SEE 1/A507, 1/A508 FOR DETAILS.
10.	OFOI RUBBER FLOORMATS FOR MILK PARLOR
11.	PROVIDE 18 GA. SHEET METAL STRAPPING BY 6" WIDE AT ALL WALL MOUNTED ITEMS LOCATED ON GWB OVER METAL STUDS.
12.	ALTERNATE #1: ADD ALTERNATE – INTERIOR BUILD OUT OF FAMILY TOILET 134, JANITOR 135, WOMEN'S TOILET 136, AND MEN'S TOILET 137 (FLOOR SLAB AND UNDER FLOOR SYSTEMS TO BE INCLUDED IN THE SCOPE OF THE WORK)

PLAN – SPECIFIC NOTES

#	
1	PROVIDE CONTINUOUS 2" GALVANIZED PIPE RAIL ATTACHED @ 5'–0" O.C., 24 " A.F.F. – SEE DETAIL 1/A508
2	PROVIDE ROOF LADDER W/ CAGE ATTACHED TO GIRTS & 2'–6" x 8'–0" ROOF ACCESS HATCH TO WALKABLE PLENUM
3	OPEN PLENUM
4	ALUMINUM GRATE PLATFORM
5	ALUMINUM GRATE SCREEN WALL – HINGED ACCESS GATE
6	PROVIDE LEVEL 4 FINISH TO 8'–0" AND LEVEL 2 FINISH ABOVE 8'–0" JPT–1 (PDCIA STD.)
7	PROVIDE LEVEL 4 FINISH TO 10'–2" JPT–1 (PDCIA STD.)
8	PROVIDE RB–1
9	REFER TO ALTERNATE BID #2: WALL & DOOR INCLUDED IN BASE BID. EXCLUDED IN ALT. BID #2. ADD ALUMINUM GRATE GUARD RAIL IN ALTERNATE BID #2.
10	REFER TO ALTERNATE BID #2: FLOOR OPENING WITH TEMPORARY COVER INCLUDED IN BASE. WALLS AND MECHANICAL DUCTWORK INCLUDED IN ALTERNATE BID #2.
11	REFER TO ALTERNATE BID #2: OVER HEAD DOOR NOT INCLUDED IN BASE BID. INCLUDE WOOD TRIM AND DOOR IN ALTERNATE BID #2. (ALUMINUM GRATE GUARD RAIL AND WOOD CAP INCLUDED IN BASED BID AND ALT. #2.)

N 1 A202A — MEZZANINE FLOOR PLAN – AREA A – NORTH
SCALE: 1/8" = 1'–0"

N 2 A202A — MEZZANINE FLOOR PLAN – AREA A – SOUTH
SCALE: 1/8" = 1'–0"

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PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY
CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

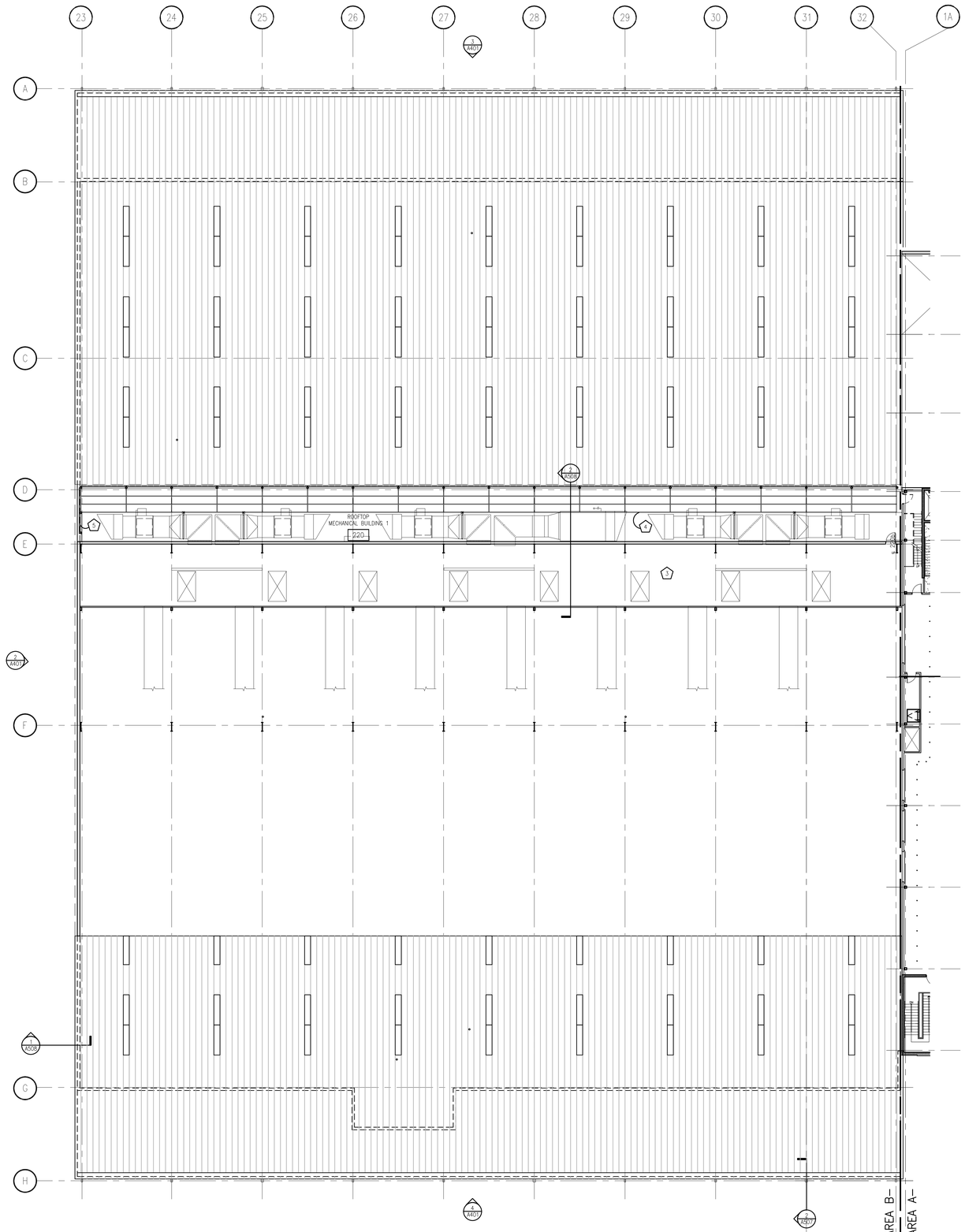
SHEET TITLE

MEZZANINE
FLOOR PLAN
AREA A

KEY PLAN

SHEET NO.
A202A

IVO ROZENDAAL 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A202A.DWG



N 1 A202B MEZZANINE PLAN – AREA B
SCALE: 1/16"= 1'-0"

	GENERAL NOTES
1.	ALL DIMENSIONS ARE GIVEN TO FACE OF WALL OR CENTERLINES. SEE WALL SECTIONS AND PARTITION TYPE SECTIONS FOR CONSTRUCTION.
2.	HOLD DOOR FRAMES 4" FROM ADJACENT WALLS, U.N.O.
3.	GENERAL CONTRACTOR TO PROVIDE BLOCKING FOR ALL WALL MOUNTED ITEMS INCLUDING OWNER FURNISHED ITEMS. COORDINATE WITH OWNER. VERIFY WITH OWNER THE EXACT HEIGHT AND LOCATION OF ALL WALL-MOUNTED AND CEILING MOUNTED EQUIPMENT.
4.	REFER TO LOOSE LINTEL SCHEDULE ON SHEET S001 FOR LINTEL REQUIREMENTS AT HVAC OPENINGS IN MASONRY WALLS.
5.	ALL WOOD FRAMING AND/OR BLOCKING USED IN EXTERIOR WALL SYSTEMS TO BE PRESSURE TREATED "PR" TYPE.
6.	FLOOR SLAB IN MILKING PARLOR TO ACCOMMODATE EQUIPOTENTIAL GROUNDING (SEE STRUCTURAL AND ELECTRICAL DRAWINGS FOR DETAILS)
7.	REFER TO STRUCTURAL PLANS, S201B, S201C & S201D FOR INTERIOR CONCRETE SLAB JOINT LAYOUT
8.	OWNER PROVIDED CONCESSION AND MILK HOUSE/ PARLOR EQUIPMENT SHOWN FOR ROUGH IN LOCATIONS. COORDINATE FINAL EQUIPMENT SELECTION / SPECIFICATIONS PRIOR TO WORK.
9.	EXTERIOR ENVELOPE @ MILK HOUSE/ PARLOR/ MECHANICAL ROOMS, 140-142 AND CONCESSION ROOM 143, PROVIDE CODE MINIMUM R- VALUES, SEE 1/A507, 1/A508 FOR DETAILS.
10.	OFDI RUBBER FLOORMATS FOR MILK PARLOR
11.	PROVIDE 18 GA. SHEET METAL STRAPPING BY 6" WIDE AT ALL WALL MOUNTED ITEMS LOCATED ON GWB OVER METAL STUDS.
12.	ALTERNATE #1: ADD ALTERNATE – INTERIOR BUILD OUT OF FAMILY TOILET 134, JANITOR 135, WOMEN'S TOILET 136, AND MEN'S TOILET 137 (FLOOR SLAB AND UNDER FLOOR SYSTEMS TO BE INCLUDED IN THE SCOPE OF THE WORK)

#	PLAN – SPECIFIC NOTES
1	PROVIDE CONTINUOUS 2" GALVANIZED PIPE RAIL ATTACHED @ 5'-0" O.C., 24 " A.F.F. – SEE DETAIL 1/A508
2	PROVIDE ROOF LADDER W/ CAGE ATTACHED TO GIRTS & 2'-6" x 8'-0" ROOF ACCESS HATCH TO WALKABLE PLENUM
3	OPEN PLENUM
4	ALUMINUM GRATE PLATFORM
5	ALUMINUM GRATE SCREEN WALL – HINGED ACCESS GATE
6	PROVIDE LEVEL 4 FINISH TO 8'-0" AND LEVEL 2 FINISH ABOVE 8'-0" JPT-1 (PDCIA STD.)
7	PROVIDE LEVEL 4 FINISH TO 10'-2" JPT-1 (PDCIA STD.)
8	PROVIDE RB-1
9	REFER TO ALTERNATE BID #2: WALL & DOOR INCLUDED IN BASE BID. EXCLUDED IN ALT. BID #2. ADD ALUMINUM GRATE GUARD RAIL IN ALTERNATE BID #2.
10	REFER TO ALTERNATE BID #2: FLOOR OPENING WITH TEMPORARY COVER INCLUDED IN BASE. WALLS AND MECHANICAL DUCTWORK INCLUDED IN ALTERNATE BID #2.
11	REFER TO ALTERNATE BID #2: OVER HEAD DOOR NOT INCLUDED IN BASE BID. INCLUDE WOOD TRIM AND DOOR IN ALTERNATE BID #2. (ALUMINUM GRATE GUARD RAIL AND WOOD CAP INCLUDED IN BASED BID AND ALT. #2.)

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DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY
CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

E F D C B A

KEY PLAN N

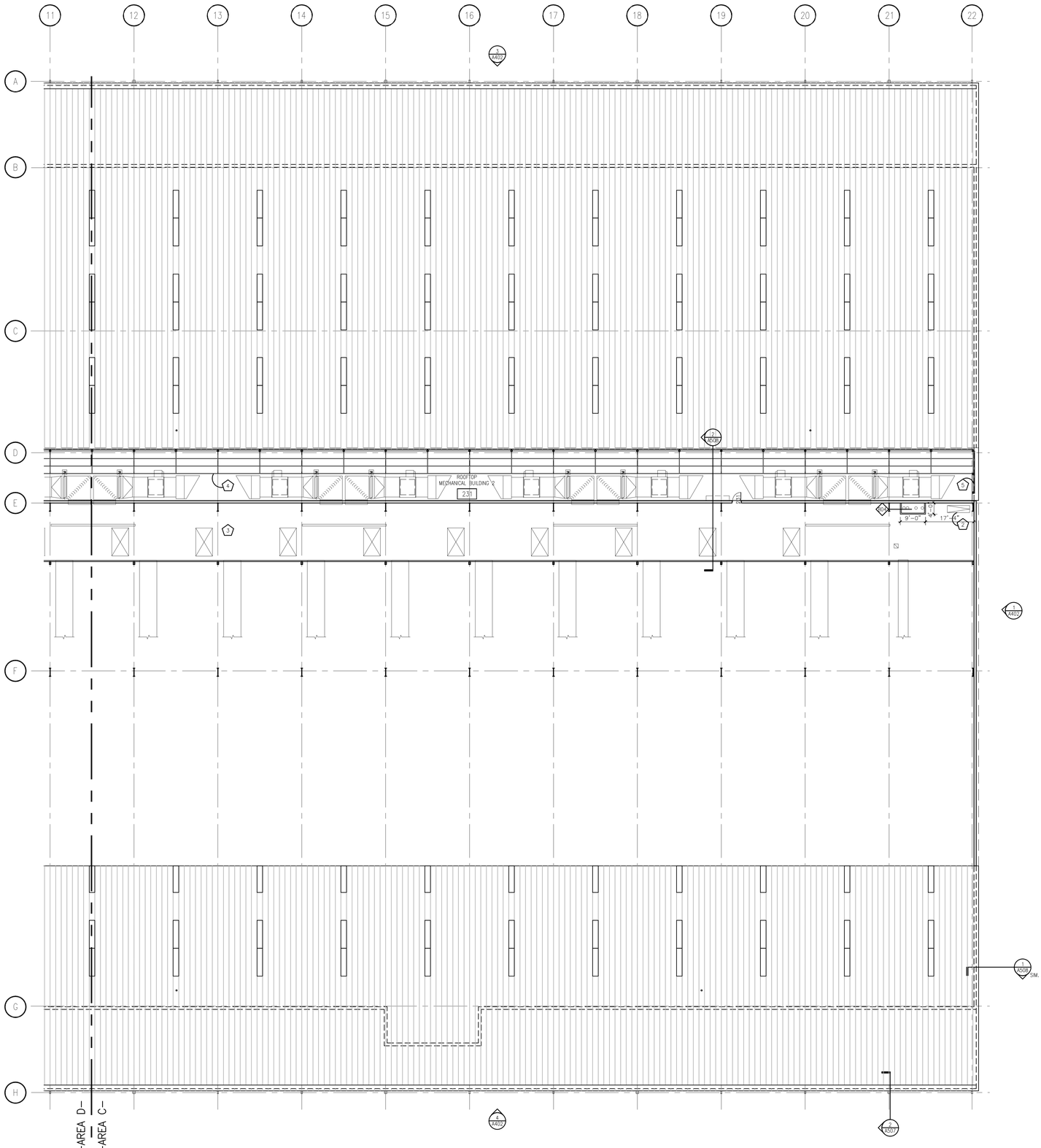
SHEET TITLE

MEZZANINE
FLOOR PLAN
AREA B

SHEET NO.

A202B

JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A202B.DWG



1 A202C

MEZZANINE PLAN – AREA C

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

GENERAL NOTES

1.	ALL DIMENSIONS ARE GIVEN TO FACE OF WALL OR CENTERLINES. SEE WALL SECTIONS AND PARTITION TYPE SECTIONS FOR CONSTRUCTION.
2.	HOLD DOOR FRAMES 4" FROM ADJACENT WALLS, U.N.O.
3.	GENERAL CONTRACTOR TO PROVIDE BLOCKING FOR ALL WALL MOUNTED ITEMS INCLUDING OWNER FURNISHED ITEMS. COORDINATE WITH OWNER. VERIFY WITH OWNER THE EXACT HEIGHT AND LOCATION OF ALL WALL-MOUNTED AND CEILING MOUNTED EQUIPMENT.
4.	REFER TO LOOSE LINTEL SCHEDULE ON SHEET S001 FOR LINTEL REQUIREMENTS AT HVAC OPENINGS IN MASONRY WALLS.
5.	ALL WOOD FRAMING AND/OR BLOCKING USED IN EXTERIOR WALL SYSTEMS TO BE PRESSURE TREATED "FR" TYPE.
6.	FLOOR SLAB IN MILKING PARLOR TO ACCOMMODATE EQUIPOTENTIAL GROUNDING (SEE STRUCTURAL AND ELECTRICAL DRAWINGS FOR DETAILS)
7.	REFER TO STRUCTURAL PLANS, S201B, S201C & S201D FOR INTERIOR CONCRETE SLAB JOINT LAYOUT
8.	OWNER PROVIDED CONCESSION AND MILK HOUSE/ PARLOR EQUIPMENT SHOWN FOR ROUGH IN LOCATIONS. COORDINATE FINAL EQUIPMENT SELECTION / SPECIFICATIONS PRIOR TO WORK.
9.	EXTERIOR ENVELOPE @ MILK HOUSE/ PARLOR/ MECHANICAL ROOMS, 140-142 AND CONCESSION ROOM 143, PROVIDE CODE MINIMUM R- VALUES, SEE 1/A507, 1/A508 FOR DETAILS.
10.	OFOI RUBBER FLOORMATS FOR MILK PARLOR
11.	PROVIDE 18 GA. SHEET METAL STRAPPING BY 6" WIDE AT ALL WALL MOUNTED ITEMS LOCATED ON GWB OVER METAL STUDS.
12.	ALTERNATE #1: ADD ALTERNATE – INTERIOR BUILD OUT OF FAMILY TOILET 134, JANITOR 135, WOMEN'S TOILET 136, AND MEN'S TOILET 137 (FLOOR SLAB AND UNDER FLOOR SYSTEMS TO BE INCLUDED IN THE SCOPE OF THE WORK)

PLAN – SPECIFIC NOTES

#	
1	PROVIDE CONTINUOUS 2" GALVANIZED PIPE RAIL ATTACHED @ 5'-0" O.C., 24 " A.F.F. – SEE DETAIL 1/A508
2	PROVIDE ROOF LADDER W/ CAGE ATTACHED TO GIRTS & 2'-6" x 8'-0" ROOF ACCESS HATCH TO WALKABLE PLENUM
3	OPEN PLENUM
4	ALUMINUM GRATE PLATFORM
5	ALUMINUM GRATE SCREEN WALL – HINGED ACCESS GATE
6	PROVIDE LEVEL 4 FINISH TO 8'-0" AND LEVEL 2 FINISH ABOVE 8'-0" JPT-1 (PDCIA STD.)
7	PROVIDE LEVEL 4 FINISH TO 10'-2" JPT-1 (PDCIA STD.)
8	PROVIDE RB-1
9	REFER TO ALTERNATE BID #2: WALL & DOOR INCLUDED IN BASE BID. EXCLUDED IN ALT. BID #2. ADD ALUMINUM GRATE GUARD RAIL IN ALTERNATE BID #2.
10	REFER TO ALTERNATE BID #2: FLOOR OPENING WITH TEMPORARY COVER INCLUDED IN BASE. WALLS AND MECHANICAL DUCTWORK INCLUDED IN ALTERNATE BID #2.
11	REFER TO ALTERNATE BID #2: OVER HEAD DOOR NOT INCLUDED IN BASE BID. INCLUDE WOOD TRIM AND DOOR IN ALTERNATE BID #2. (ALUMINUM GRATE GUARD RAIL AND WOOD CAP INCLUDED IN BASED BID AND ALT. #2.)

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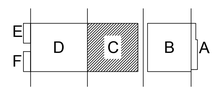
PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713



KEY PLAN

SHEET TITLE

MEZZANINE FLOOR PLAN AREA C

SHEET NO.

A202C

Ref. Last: 2013027_02-A-TB_2b42
2013027_02-A-TB_2b42
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2013027_02-A-RG_Area Plans
2013027_02-A-RG_Specific Plan Notes
2013027_02-A-RG_Plan Notes

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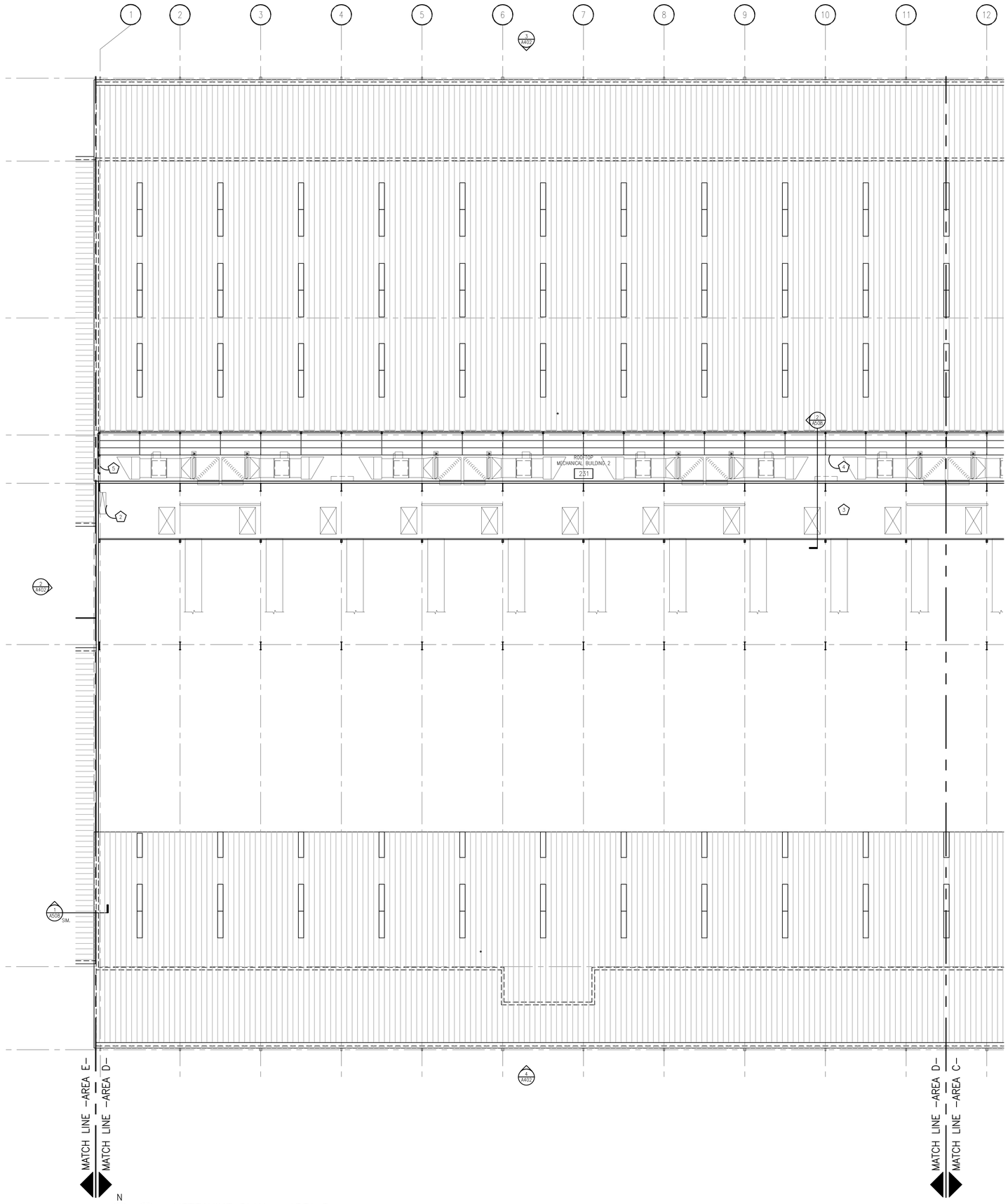

MEZZANINE PLAN – AREA D

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

	GENERAL NOTES
1.	ALL DIMENSIONS ARE GIVEN TO FACE OF WALL OR CENTERLINES. SEE WALL SECTIONS AND PARTITION TYPE SECTIONS FOR CONSTRUCTION.
2.	HOLD DOOR FRAMES 4" FROM ADJACENT WALLS, U.N.O.
3.	GENERAL CONTRACTOR TO PROVIDE BLOCKING FOR ALL WALL MOUNTED ITEMS INCLUDING OWNER FURNISHED ITEMS. COORDINATE WITH OWNER. VERIFY WITH OWNER THE EXACT HEIGHT AND LOCATION OF ALL WALL-MOUNTED AND CEILING MOUNTED EQUIPMENT.
4.	REFER TO LOOSE LINTEL SCHEDULE ON SHEET S001 FOR LINTEL REQUIREMENTS AT HVAC OPENINGS IN MASONRY WALLS.
5.	ALL WOOD FRAMING AND/OR BLOCKING USED IN EXTERIOR WALL SYSTEMS TO BE PRESSURE TREATED "PR" TYPE.
6.	FLOOR SLAB IN MILKING PARLOR TO ACCOMMODATE EQUIPOTENTIAL GROUNDING (SEE STRUCTURAL AND ELECTRICAL DRAWINGS FOR DETAILS)
7.	REFER TO STRUCTURAL PLANS, S201B, S201C & S201D FOR INTERIOR CONCRETE SLAB JOINT LAYOUT
8.	OWNER PROVIDED CONCESSION AND MILK HOUSE/ PARLOR EQUIPMENT SHOWN FOR ROUGH IN LOCATIONS. COORDINATE FINAL EQUIPMENT SELECTION / SPECIFICATIONS PRIOR TO WORK.
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11.	PROVIDE 18 GA. SHEET METAL STRAPPING BY 6" WIDE AT ALL WALL MOUNTED ITEMS LOCATED ON GWB OVER METAL STUDS.
12.	ALTERNATE #1: ADD ALTERNATE – INTERIOR BUILD OUT OF FAMILY TOILET 134, JANITOR 135, WOMEN'S TOILET 136, AND MEN'S TOILET 137 (FLOOR SLAB AND UNDER FLOOR SYSTEMS TO BE INCLUDED IN THE SCOPE OF THE WORK)

#	PLAN – SPECIFIC NOTES
1	PROVIDE CONTINUOUS 2" GALVANIZED PIPE RAIL ATTACHED @ 5'-0" O.C., 24 " A.F.F. – SEE DETAIL 1/A508
2	PROVIDE ROOF LADDER W/ CAGE ATTACHED TO GIRTS & 2'-6" x 8'-0" ROOF ACCESS HATCH TO WALKABLE PLENUM
3	OPEN PLENUM
4	ALUMINUM GRATE PLATFORM
5	ALUMINUM GRATE SCREEN WALL – HINGED ACCESS GATE
6	PROVIDE LEVEL 4 FINISH TO 8'-0" AND LEVEL 2 FINISH ABOVE 8'-0" JPT-1 (PDCIA STD.)
7	PROVIDE LEVEL 4 FINISH TO 10'-2" JPT-1 (PDCIA STD.)
8	PROVIDE RB-1
9	REFER TO ALTERNATE BID #2: WALL & DOOR INCLUDED IN BASE BID. EXCLUDED IN ALT. BID #2. ADD ALUMINUM GRATE GUARD RAIL IN ALTERNATE BID #2.
10	REFER TO ALTERNATE BID #2: FLOOR OPENING WITH TEMPORARY COVER INCLUDED IN BASE. WALLS AND MECHANICAL DUCTWORK INCLUDED IN ALTERNATE BID #2.
11	REFER TO ALTERNATE BID #2: OVER HEAD DOOR NOT INCLUDED IN BASE BID. INCLUDE WOOD TRIM AND DOOR IN ALTERNATE BID #2. (ALUMINUM GRATE GUARD RAIL AND WOOD CAP INCLUDED IN BASED BID AND ALT. #2.)

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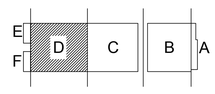
DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY
CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713



KEY PLAN

SHEET TITLE

MEZZANINE
FLOOR PLAN
AREA D

SHEET NO.

A202D

Ref Left: 2013027_02-A-TB_3D42
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2013027_02-A-TB_3D42
2013027 - Specific Plan Notes
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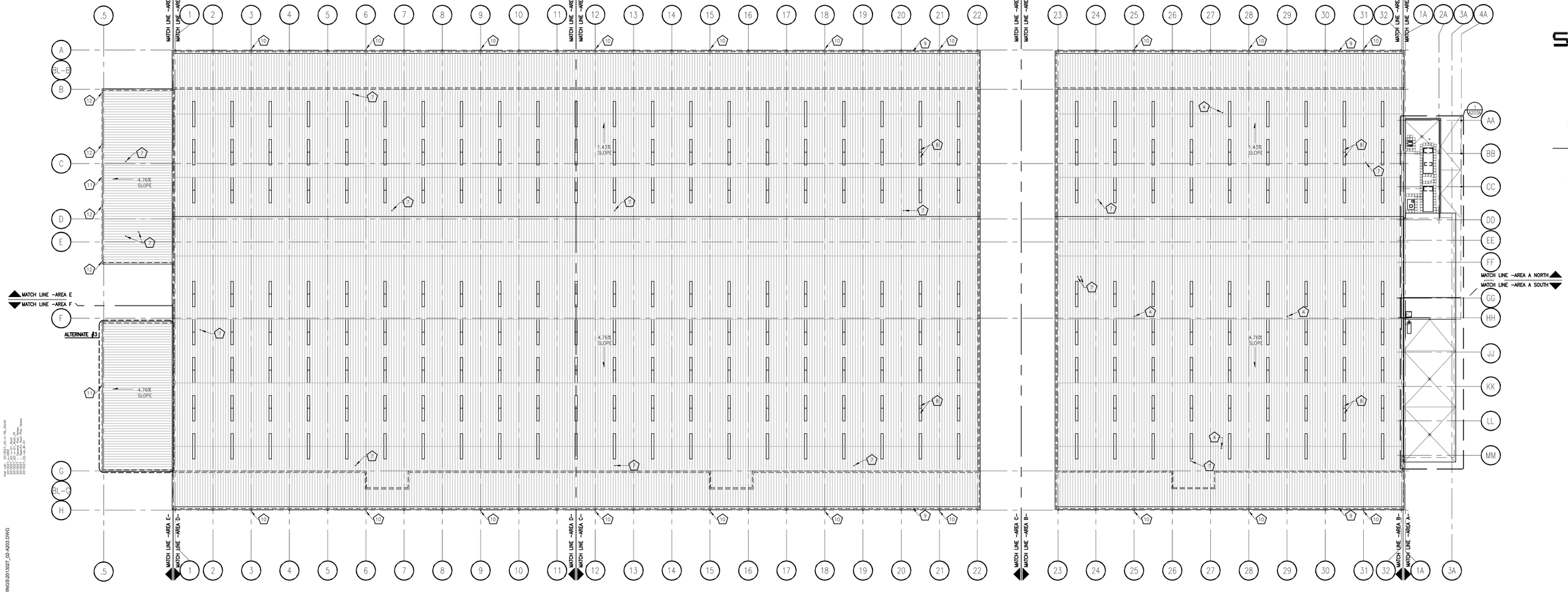

N

1 / A203

ROOF REFERENCE PLAN

SCALE: 1/32" = 1'-0"

GENERAL NOTES

1.	ALL DIMENSIONS ARE GIVEN TO FACE OF WALL OR CENTERLINES. SEE WALL SECTIONS AND PARTITION TYPE SECTIONS FOR CONSTRUCTION.
2.	HOLD DOOR FRAMES 4" FROM ADJACENT WALLS, U.N.O.
3.	GENERAL CONTRACTOR TO PROVIDE BLOCKING FOR ALL WALL MOUNTED ITEMS INCLUDING OWNER FURNISHED ITEMS. COORDINATE WITH OWNER. VERIFY WITH OWNER THE EXACT HEIGHT AND LOCATION OF ALL WALL–MOUNTED AND CEILING MOUNTED EQUIPMENT.
4.	REFER TO LOOSE LINTEL SCHEDULE ON SHEET S001 FOR LINTEL REQUIREMENTS AT HVAC OPENINGS IN MASONRY WALLS.
5.	ALL WOOD FRAMING AND/OR BLOCKING USED IN EXTERIOR WALL SYSTEMS TO BE PRESSURE TREATED "FR" TYPE.
6.	FLOOR SLAB IN MILKING PARLOR TO ACCOMMODATE EQUIPOTENTIAL GROUNDING (SEE STRUCTURAL AND ELECTRICAL DRAWINGS FOR DETAILS)
7.	REFER TO STRUCTURAL PLANS, S201B, S201C & S201D FOR INTERIOR CONCRETE SLAB JOINT LAYOUT
8.	OWNER PROVIDED CONCESSION AND MILK HOUSE/ PARLOR EQUIPMENT SHOWN FOR ROUGH IN LOCATIONS. COORDINATE FINAL EQUIPMENT SELECTION / SPECIFICATIONS PRIOR TO WORK.
9.	EXTERIOR ENVELOPE @ MILK HOUSE/ PARLOR/ MECHANICAL ROOMS, 140–142 AND CONCESSION ROOM 143, PROVIDE CODE MINIMUM R– VALUES, SEE 1/A507, 1/A508 FOR DETAILS.
10.	OFOI RUBBER FLOORMATS FOR MILK PARLOR
11.	PROVIDE 18 GA. SHEET METAL STRAPPING BY 6" WIDE AT ALL WALL MOUNTED ITEMS LOCATED ON GWB OVER METAL STUDS.
12.	ALTERNATE #1: ADD ALTERNATE – INTERIOR BUILD OUT OF FAMILY TOILET 134, JANITOR 135, WOMEN'S TOILET 136, AND MEN'S TOILET 137 (FLOOR SLAB AND UNDER FLOOR SYSTEMS TO BE INCLUDED IN THE SCOPE OF THE WORK)

ROOF PLAN – SPECIFIC NOTES

#	
1	THROUGH WALL ROOF OPENING
2	MECHANICAL EQUIPMENT WITH INSULATED CURB
3	MEP ROOF PENETRATION
4	GAS FIRED EQUIPMENT VENT – SEE MECHANICAL DRAWINGS
5	ROOF DRAIN WITH 24" X 24" SUMP
6	OVERFLOW ROOF DRAIN
7	PLUMBING VENT – SEE PLUMBING DRAWINGS
8	INTEGRAL PEMB SKYLIGHT
9	INTEGRAL GUTTER (SEE 2/A507)
10	INTEGRAL DOWNSPOUT LEADER WITHIN COLUMN (SEE 2/A507)
11	PRE–FINISHED SHEET METAL GUTTER
12	PRE–FINISHED SHEET METAL DOWNSPOUT
13	WALK WAY PADS
14	48" x 48" ROOF ACCESS HATCH
15	OVERFLOW SCUPPER

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MADISON, WI 53705–4395

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DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

E F D C B A

KEY PLAN

N

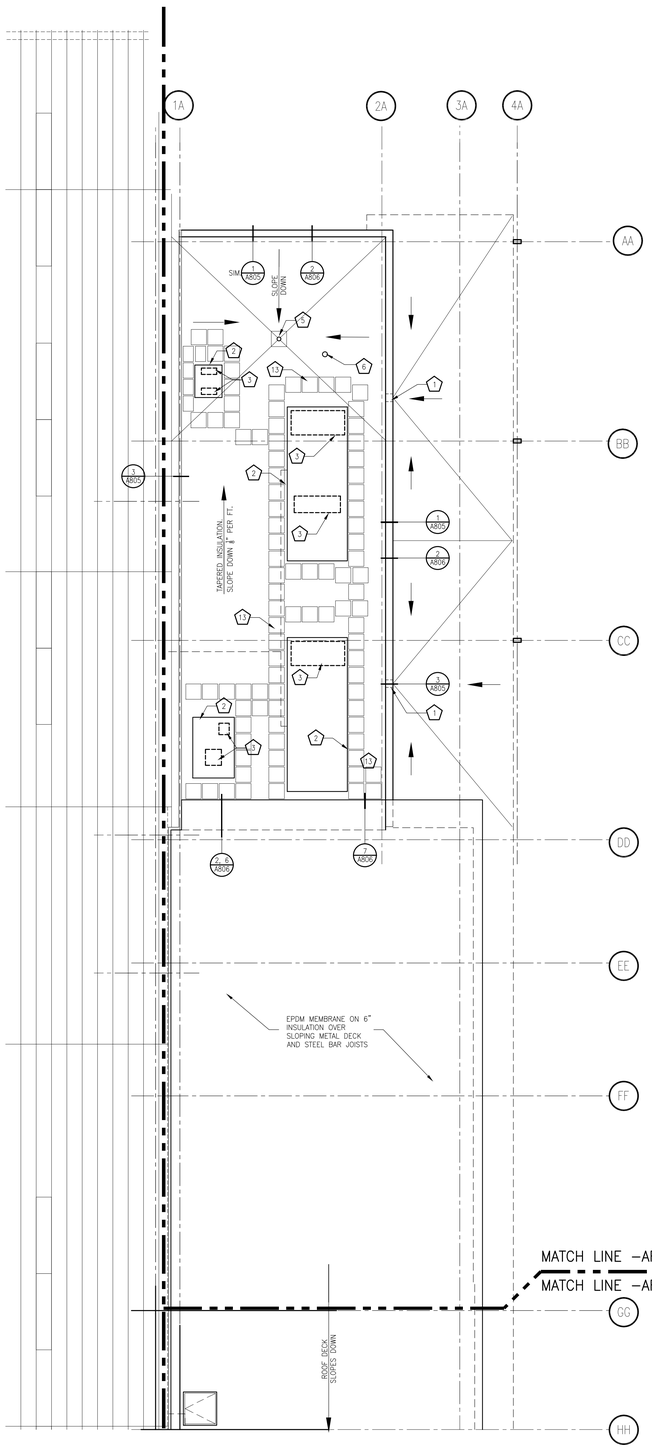
SHEET TITLE

ROOF REFERENCE PLAN

SHEET NO.

A203

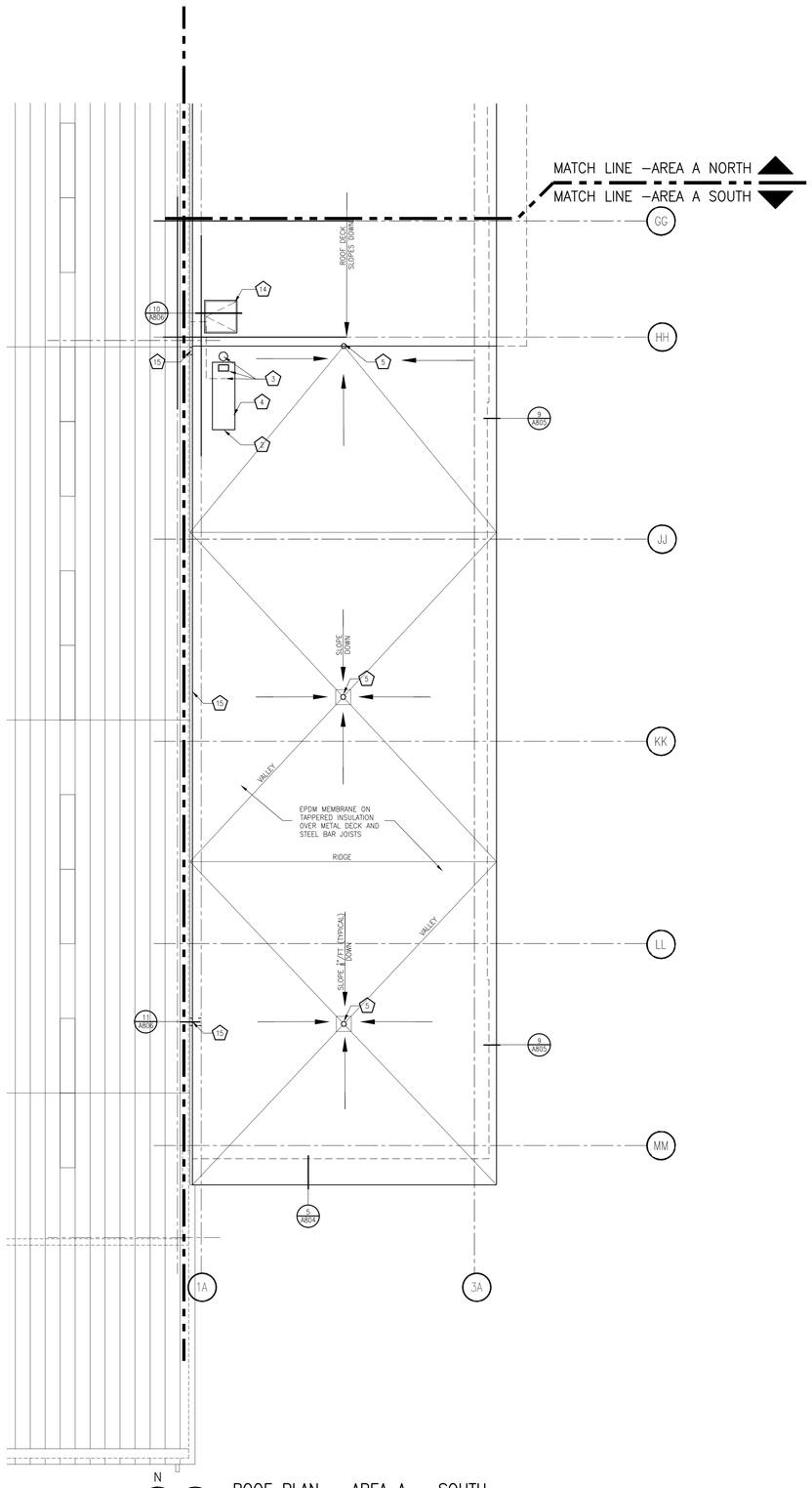
JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A203.DWG



N 1 A203A

ROOF PLAN – AREA A – NORTH

SCALE: 1/8" = 1'–0"



N 2 A203A

ROOF PLAN – AREA A – SOUTH

SCALE: 1/8" = 1'–0"

GENERAL NOTES

1.	ALL DIMENSIONS ARE GIVEN TO FACE OF WALL OR CENTERLINES, SEE WALL SECTIONS AND PARTITION TYPE SECTIONS FOR CONSTRUCTION.
2.	HOLD DOOR FRAMES 4" FROM ADJACENT WALLS, U.N.O.
3.	GENERAL CONTRACTOR TO PROVIDE BLOCKING FOR ALL WALL MOUNTED ITEMS INCLUDING OWNER FURNISHED ITEMS. COORDINATE WITH OWNER. VERIFY WITH OWNER THE EXACT HEIGHT AND LOCATION OF ALL WALL–MOUNTED AND CEILING MOUNTED EQUIPMENT.
4.	REFER TO LOOSE LINTEL SCHEDULE ON SHEET S001 FOR LINTEL REQUIREMENTS AT HVAC OPENINGS IN MASONRY WALLS.
5.	ALL WOOD FRAMING AND/OR BLOCKING USED IN EXTERIOR WALL SYSTEMS TO BE PRESSURE TREATED "FR" TYPE.
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7.	REFER TO STRUCTURAL PLANS, S201B, S201C & S201D FOR INTERIOR CONCRETE SLAB JOINT LAYOUT
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12.	ALTERNATE #1: ADD ALTERNATE – INTERIOR BUILD OUT OF FAMILY TOILET 134, JANITOR 135, WOMEN'S TOILET 136, AND MEN'S TOILET 137 (FLOOR SLAB AND UNDER FLOOR SYSTEMS TO BE INCLUDED IN THE SCOPE OF THE WORK)

ROOF PLAN – SPECIFIC NOTES

#	
1	THROUGH WALL ROOF OPENING
2	MECHANICAL EQUIPMENT WITH INSULATED CURB
3	MEP ROOF PENETRATION
4	GAS FIRED EQUIPMENT VENT – SEE MECHANICAL DRAWINGS
5	ROOF DRAIN WITH 24" X 24" SUMP
6	OVERFLOW ROOF DRAIN
7	PLUMBING VENT – SEE PLUMBING DRAWINGS
8	INTEGRAL PEMB SKYLIGHT
9	INTEGRAL GUTTER (SEE 2/A507)
10	INTEGRAL DOWNSPOUT LEADER WITHIN COLUMN (SEE 2/A507)
11	PRE–FINISHED SHEET METAL GUTTER
12	PRE–FINISHED SHEET METAL DOWNSPOUT
13	WALK WAY PADS
14	48" x 48" ROOF ACCESS HATCH
15	OVERFLOW SCUPPER

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

ROOF PLAN AREA A

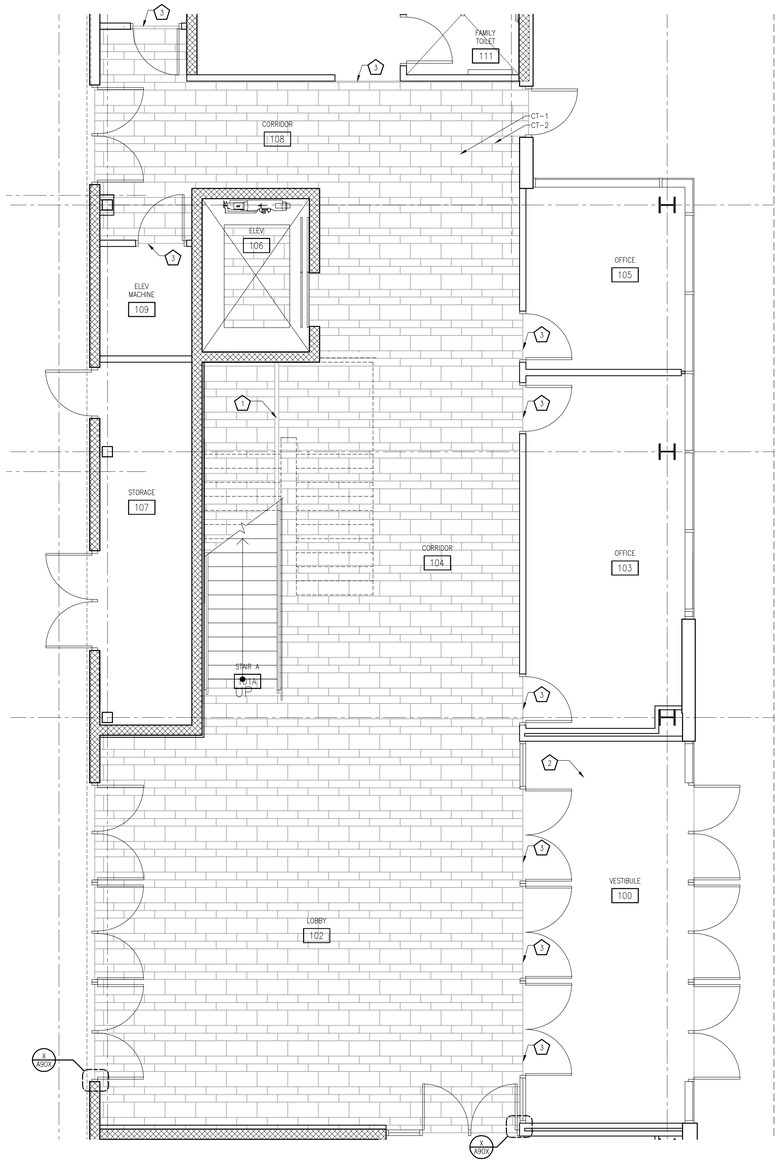
E F D C B A

KEY PLAN

SHEET NO.

A203A

JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\R-2013027_02-A203A.DWG

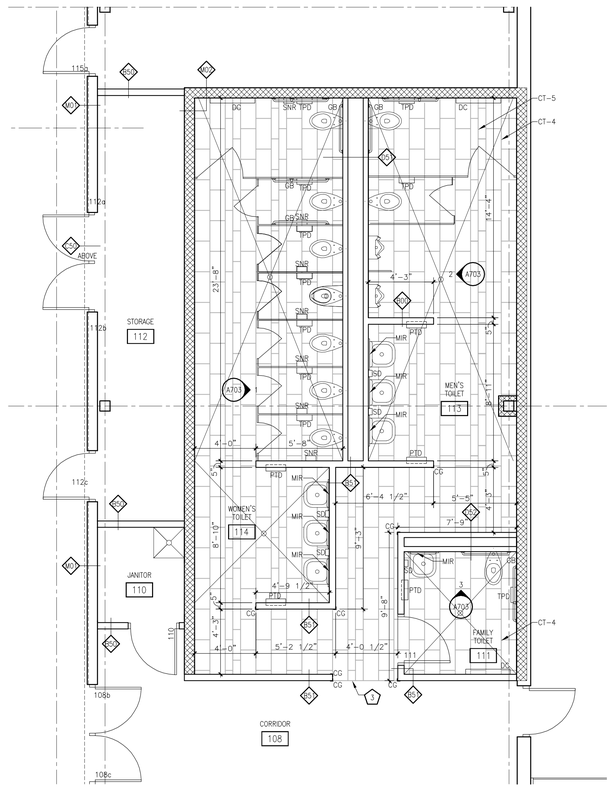


N 3 A211A

ENLARGED FLOOR PLAN – LOBBY

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

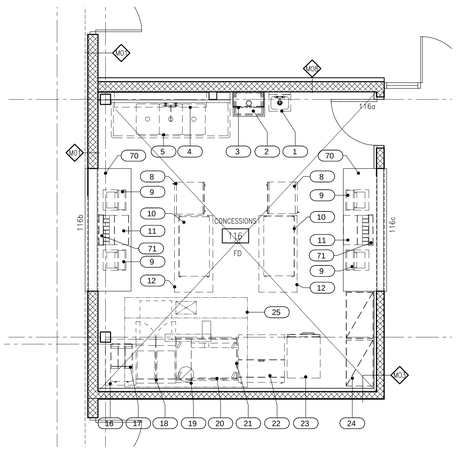
#	PLAN NOTES
1	STEEL TUBE ALONG FLOOR AS ADA CANE STRIP.
2	ENTRANCE MAT (MAT-1); SEE ROOM FINISH SCHEDULE.
3	PROVIDE STAINLESS STEEL METAL EDGE STRIP.



N 1 A211A

ENLARGED FLOOR PLAN – TOILET ROOMS

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



N 2 A211A

ENLARGED FLOOR PLAN – CONCESSIONS

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

EQUIPMENT SCHEDULE			
ITEM	QTY	DESCRIPTION	NOTES
1	1	HANDSINK	1
2	1	MOP SINK & SERVICE FAUCET	1, 2
3	1	CHEMICAL SHELF	
4	1	WALL SHELF	
5	1	3 COMPARTMENT SINK W/FAUCET & LEVER WASTE	1
6	1	SPARE NUMBER	
7	1	SPARE NUMBER	
8	2	REACH-IN REFRIGERATOR	
9	4	POINT OF SALE REGISTER	
10	2	FOOD WARMERS	
11	2	SODA DISPENSER	
12	2	WORK TABLE	
13	1	SPARE NUMBER	
14	1	SPARE NUMBER	
15	1	SPARE NUMBER	
16	1	WORK TABLE	
17	1	FRENCH FRY WARMER	
18	1	DOUBLE FRYER BATTERY	
19	1	SPREADER	
20	1	CHEF BASE W/ FREEZER DRAWERS	
21	1	GAS GRIDDLE	1
22	1	REFRIGERATED MAKEUP TABLE	
23	1	REFRIGERATOR, REACH-IN	
24	2	WIRE SHELVING	
25	1	TYPE 1 HOOD	3, 4
26	1	SPARE NUMBER	
27	1	SPARE NUMBER	
28	1	SPARE NUMBER	
29	1	WIRE SHELVING	
30	4	POINT OF SALE REGISTER	
31	2	SODA DISPENSER	
32	2	WORK TABLE W/ UNDERHELF	
33	2	FOOD WARMER	
34	2	REACH-IN REFRIGERATOR	
35	2	WORK TABLE	
36	2	DOUBLE TABLE MOUNTED OVERSHELF	
37	1	SPARE NUMBER	
38	1	SPARE NUMBER	
39	1	SPARE NUMBER	
40	2	HANDSINK	1
41	1	REFRIGERATOR, REACH-IN	
42	1	REFRIGERATED MAKEUP TABLE	
43	1	EQUIPMENT STAND WITH RACK SLIDES	
44	1	COMBI OVEN	
45	1	CHEF BASE W/ FREEZER DRAWERS	
46	1	GAS GRIDDLE	
47	1	SPREADER	1
48	1	DOUBLE FRYER BATTERY	
49	1	TYPE 1 HOOD	3, 4
50	1	WORK TABLE	
51	1	FRENCH FRY WARMER	
52	1	FREEZER, REACH-IN	
53	1	SPARE NUMBER	
54	1	SPARE NUMBER	
55	1	SPARE NUMBER	
56	1	3 COMPARTMENT SINK W/FAUCET & LEVER WASTE	1
57	1	WIRE SHELVING	
58	1	BAG'N'BOX (BY VENDOR)	
59	1	CHEMICAL SHELF	
60	1	MOP SINK & SERVICE FAUCET	1, 2
61	1	ICE MACHINE W/ FILTER	1
62	1	ICE BIN	
ITEMS ABOVE PROVIDED & INSTALLED BY FOOD SERVICE VENDOR			
ITEMS BELOW PROVIDED BY GENERAL CONTRACTOR			
70	1	STAINLESS STEEL SERVICE COUNTER	
71	1	UTILITY OPENING. SEE XX/AXXX	

NOTES

1) FINAL CONNECTIONS BY PLUMBING CONTRACTOR
2) MOP BASIN PROVIDED & INSTALLED BY PLUMBING CONTRACTOR
3) POWER CONNECTION BY ELECTRICAL CONTRACTOR
4) EXHAUST FAN BY HVAC CONTRACTOR. FINAL CONNECTION COORDINATE BY HAVE CONTRACTOR & FOOD SERVICE VENDER

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ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

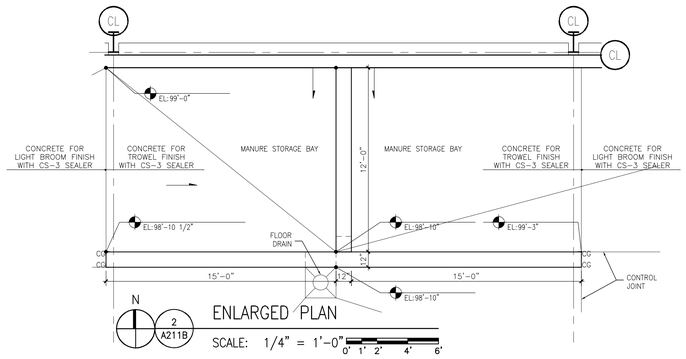
ENLARGED PLANS AREA A

SHEET NO.

A211A

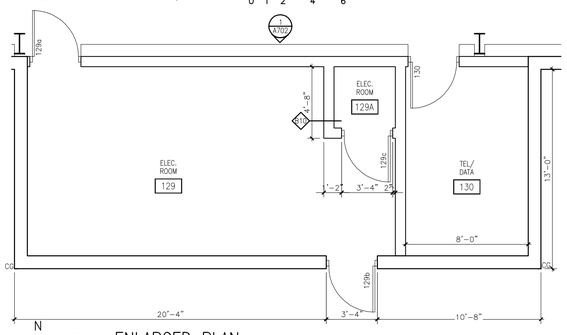
Xref List: 2013027_02-x-Ex_M 2013027_02-x-Ex_Struct 2013027_02-x-Ex_Electrical 2013027_02-x-Ex_Plumbing 2013027_02-x-Ex_Notes

KRISTA.CRUM 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A211A.DWG



N 2 A211B ENLARGED PLAN

SCALE: 1/4" = 1'-0" 0' 1' 2' 4' 6'



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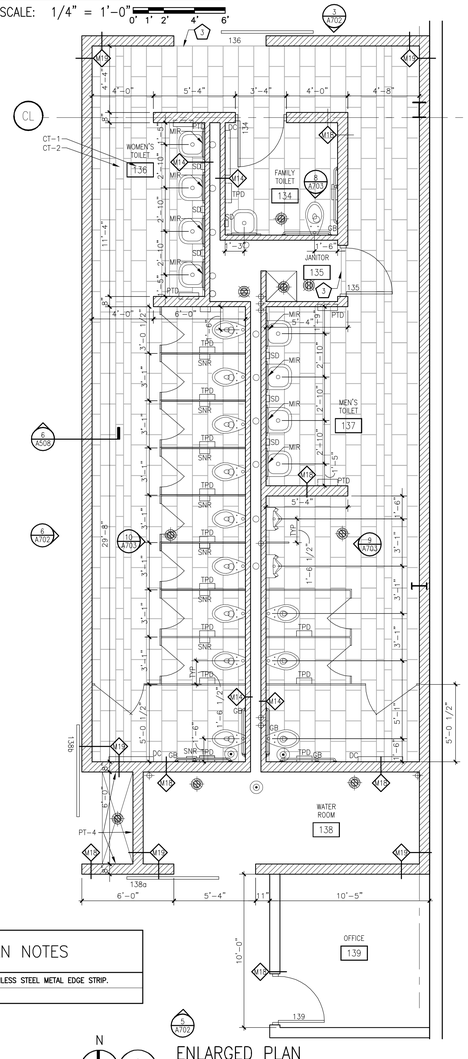
SCALE: 1/4" = 1'-0" 0' 1' 2' 4' 6'

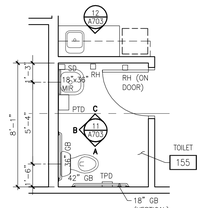


N 6 A211B ENLARGED PLAN

SCALE: 1/4" = 1'-0" 0' 1' 2' 4' 6'

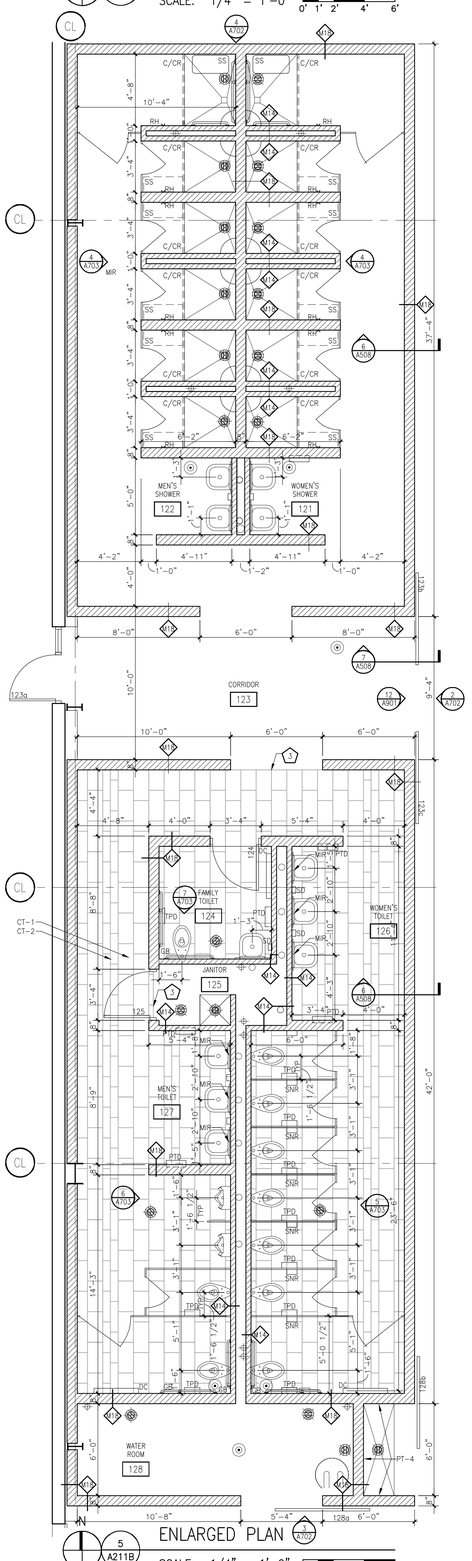
TOILET ROOM PLAN GENERAL NOTES

1. TOILET ACCESSORIES ARE IDENTIFIED ON PLANS WITH ALPHA-NUMERIC ABBREVIATIONS. REFER TO SPECIFICATIONS FOR KEY TO ABBREVIATIONS AND FOR DESCRIPTION OF ACCESSORIES.
2. PROVIDE CONCEALED BLOCKING IN STUD CAVITIES FOR ALL WALL-MOUNTED AND CEILING MOUNTED ACCESSORIES.
3. REFER TO 13/A703 FOR MOUNTING LOCATIONS FOR TOILET ACCESSORIES.



N 7 A211B ENLARGED PLAN

SCALE: 1/4" = 1'-0" 0' 1' 2' 4' 6'



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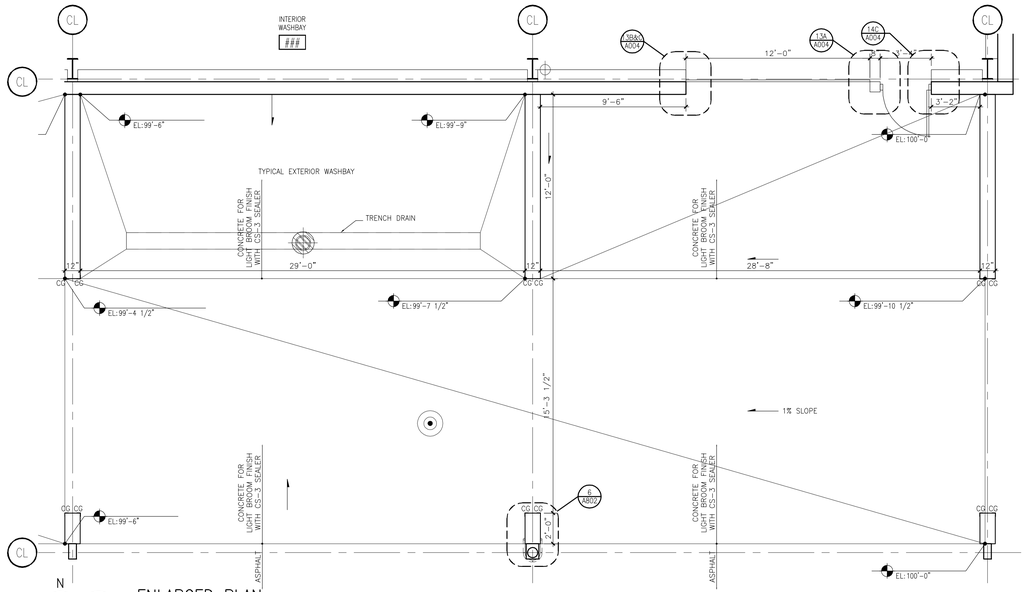
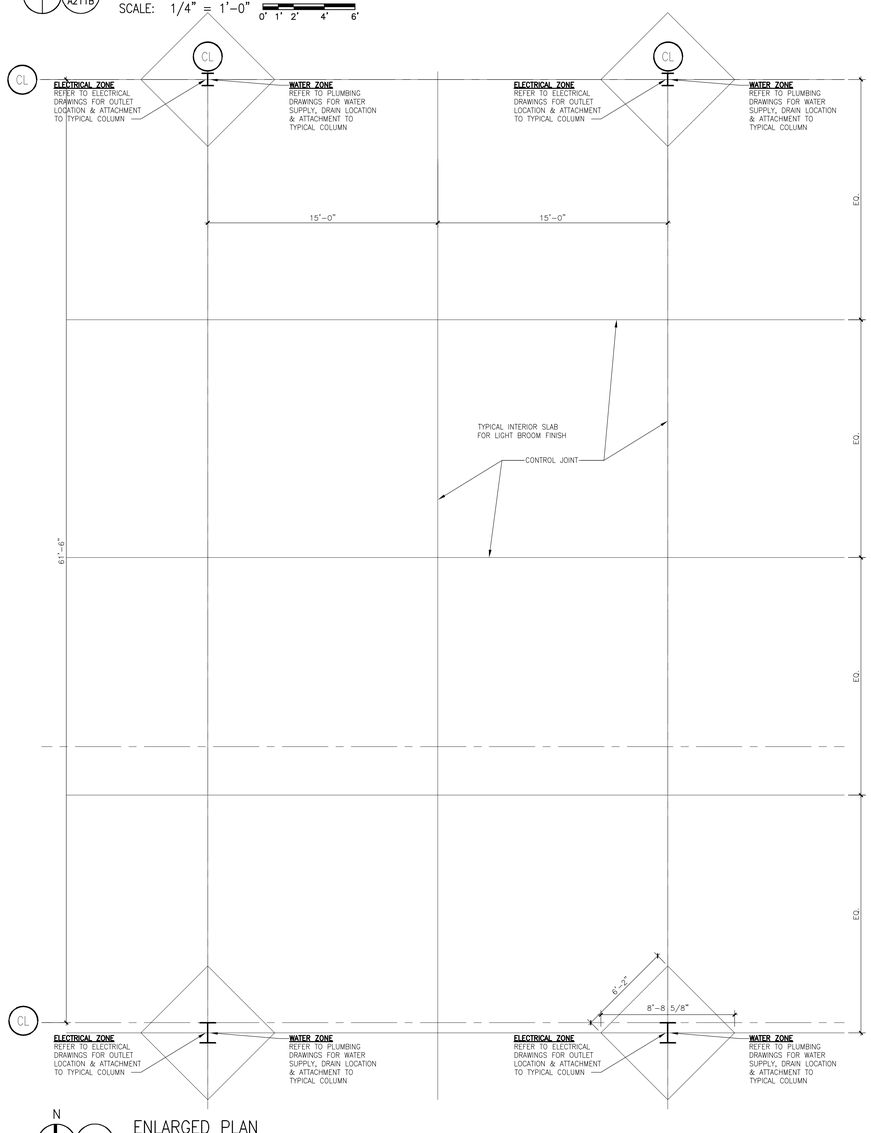
SCALE: 1/4" = 1'-0" 0' 1' 2' 4' 6'



N 1 A211B ENLARGED PLAN

SCALE: 1/4" = 1'-0" 0' 1' 2' 4' 6'



N 4 A211B ENLARGED PLAN

SCALE: 1/4" = 1'-0" 0' 1' 2' 4' 6'

#	PLAN NOTES
1	PROVIDE STAINLESS STEEL METAL EDGE STRIP.

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

ENLARGED TYPICAL FLOOR PLANS

SHEET NO.

A211B

KRISTA CRUM 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A211B.DWG

Tag	MILKING SYSTEM		Qty	Voltage	Current	Phase	Suggested Circuit Size	Wire Size Minimum	Number of Conductors	Typical Conduit	Comments
1	Master Control Panel	*Model MCP-200*	**1**								
	power input	*8516833*	1	230 VAC	20 amp max.	1 ph	1 X 20 amp	12 awg	2 wire + grd	EMT	
	outputs										
	vac pump control circuit		1	230 vac	5 amp max.	1 ph	--	18 awg	2 wire + grd	EMT/Flex	
	air injector		1	24 vac	0.8 amp max.	--	--	18 awg	2 wire	SJO Cable	
2	Pipeline Washer	*Guardian II*	**1**								
	power input	*8515271*	1	230 vac	15 amp max.	1 ph	15 amp	14 awg	2 wire + grd	EMT	
	outputs										
	control circuit		1	220/230 vac	5 amp max.	1 ph	--	18 awg	2 wire	EMT	
	water valves		2	230 vac	less than 0.5 amp	1 ph	--	18 awg	3 wire + grd	EMT	
	pump module		1	230 vac	5 amp	1 ph	--	18 awg	3 wire + grd	EMT	
	temp sensor		1	minimal	less than 0.5 amp	--	--	22 awg	2 wire	None	
	diverter valve	*8518594*	1	230 vac	0.2 amp	1 ph	--	16 awg	3 wire + grd	EMT/Flex	
	drain valve	*8518176*	1	230 vac	0.2 amp	1 ph	--	18 awg	2 wire + grd	EMT/Flex	
3	Water Heater		1	115 vac	15 amp		15 amp	14 awg	2 wire + grd		
4	Milk Pump Speed Contro	*Opti-Flo CF*	**1**								
	power input	.	1	230 vac	4.1 amp	3 ph	1 X 15 amp	12 awg	3 wire,shield,grd	EMT	.
	milk pump output for 2 hp		1	230 vac	3.8 amp max.	3 ph	--	12 awg	3 wire,shield,grd	Liq.Tite	.
5	Vac Pump Speed contro	*15 hp*	1								
	Power Input			230 vac	46.0 amp	3 ph	60 amp	4 awg	3 wire + grd	EMT/Flex	mount controller adjacent to m
6	Vacuum Pump Motors	*15 hp*	**1**								
	power input			230 vac	46 amp	3 ph	--	8 awg	3 wire + grd	Flex	
7	Vacuum Pump Motors	*10 hp*	**1**								
	power input			230 vac	27 amp	3 ph	50 amp	8 awg	3 wire + grd	Flex	
	AUTOMATION SYSTEM		**Qty**	**Voltage**	**Current**	**Phase**	**Suggested Circuit Size**	**Wire Size Minimum**	**Number of Conductors**	**Typical Conduit**	**Comments**
8	SmartDairy	.	**1**				See notes 1 & 2				
	input power plug-in	.	1	120 vac	0.3 amp	1 ph	15 amp	14 awg	2 wire + grd	--	120V - Wall receptacle
	plug-in output		1	12 vdc	1.2 amp	--		18 awg	3 wire	None	6 ft leads supplied by B-M dedicated circuit
	Wireless router										
9	Laptop	.	**1**								
	power input	.	1	115 vac	0.5 amp	1 ph	15 amp	14 awg	2 wire + grd	None	120V - Wall receptacle share with SD control
10	Power Supply	.	**7**								
	power input	.	1	200/220/240 vac	1.9 amp	1 ph	2 X 15 amp	12 awg	2 wire + grd	EMT	suggest 2 circuits (TP & Backflu
	output		1	24 vdc	8 amp	--		12 awg	3 wire	PVC	.
11	TouchPoint with Smartl	.	**24**								
	power input		1	24 vdc	0.78/0.42 amp	--		12/10 awg	3 wire	PVC	
	milk meter		1	24 vdc	--	--		20 awg	6 wire + shield	None/PVC	
	communication		1	3.1 to 3.6 vdc	--	--		18 awg	3 wire + shield	PVC	
12	BackFlush	.	**24**								
	power input		1	24 vdc	0.78/0.42 amp	--		12 awg	3 wire	PVC	
13	Air compressor	*2 hP*	2	115 vac	10 amp	1 ph	20 amp	12 awg	3 wire + grd	.none	120V - Wall receptacle
	COOLING SYSTEM		**Qty**	**Voltage**	**Current**	**Phase**	**Suggested Circuit Size**	**Wire Size Minimum**	**Number of Conductors**	**Typical Conduit**	**Comments**
14	Condensing Units	*7.5 Hp*									
	power input		2	208/230 vac	27.6 RLA	3 ph	50 amp	6 awg	3 wire + grd	EMT/Flex	motor disconnect recommended
15	EEV Controls		2	230 vac	5 amp max	1 ph	15 amp	14 awg	2 wire + grd	EMT/Flex	
16	Glacier Controller	.	**2**								
	power input	.	2	230 vac	15 amp max.	1 ph	15 amp	12 awg	2 wire + grd	EMT	
	outputs										
	control circuit		2	220/230 vac	5 amp max.	1 ph	--	18 awg	2 wire	EMT	
	water valves		4	230 vac	less than 0.5 amp	1 ph	--	18 awg	3 wire + grd	EMT	
	pump module		2	230 vac	5 amp	1 ph	--	18 awg	3 wire + grd	EMT	
	temp sensor		2	minimal	less than 0.5 amp	--	--	22 awg	2 wire	None	30 ft leads supplied
	agitator	.	4	230 vac	0.2 amp	1 ph	--	16 awg	3 wire + grd	EMT/Flex	
	drain valve	.	2	230 vac	0.2 amp	1 ph	--	18 awg	2 wire + grd	EMT/Flex	
17	Temp Recorder										
	Power Input	*4013620*	2	115 vac	less than 5 amp	1 ph	15 amp	14 awg	2 wire + grd	cord	
18	Modular Chiller 10 HP										
	Compressor Mod.	*10Hp*	1	230 vac	MCA 55	3 ph	MOP 90	#2	3 wire + grd	EMT/Flex	
	Glycol Mod.	*5Hp/5Hp*	1	230 vac	MCA 30	3 ph	MOP 40	8 awg	3 wire + grd	EMT/Flex	
19	Therma-Stor			None	N/A		N/A				
20	Motorized dampers	*dealer supplied*	6	120/240 vac	less than 5 amp	1 ph	15 amp	12 awg	2 wire + grd	EMT/Flex	dealer supplied - check namepla

Information in this guide is intended to assist those responsible for design of the electrical supply system.
All electrical wiring must conform to local requirements.
Minimum wire size based on using minimum 75 Deg C wire.
Specifications are subject to change without notice. Refer to the electrical requirements on all product nameplates prior to installing.
High voltage AC power wiring must be done by a qualified (licensed) electrician and according to applicable codes (state, local and other).

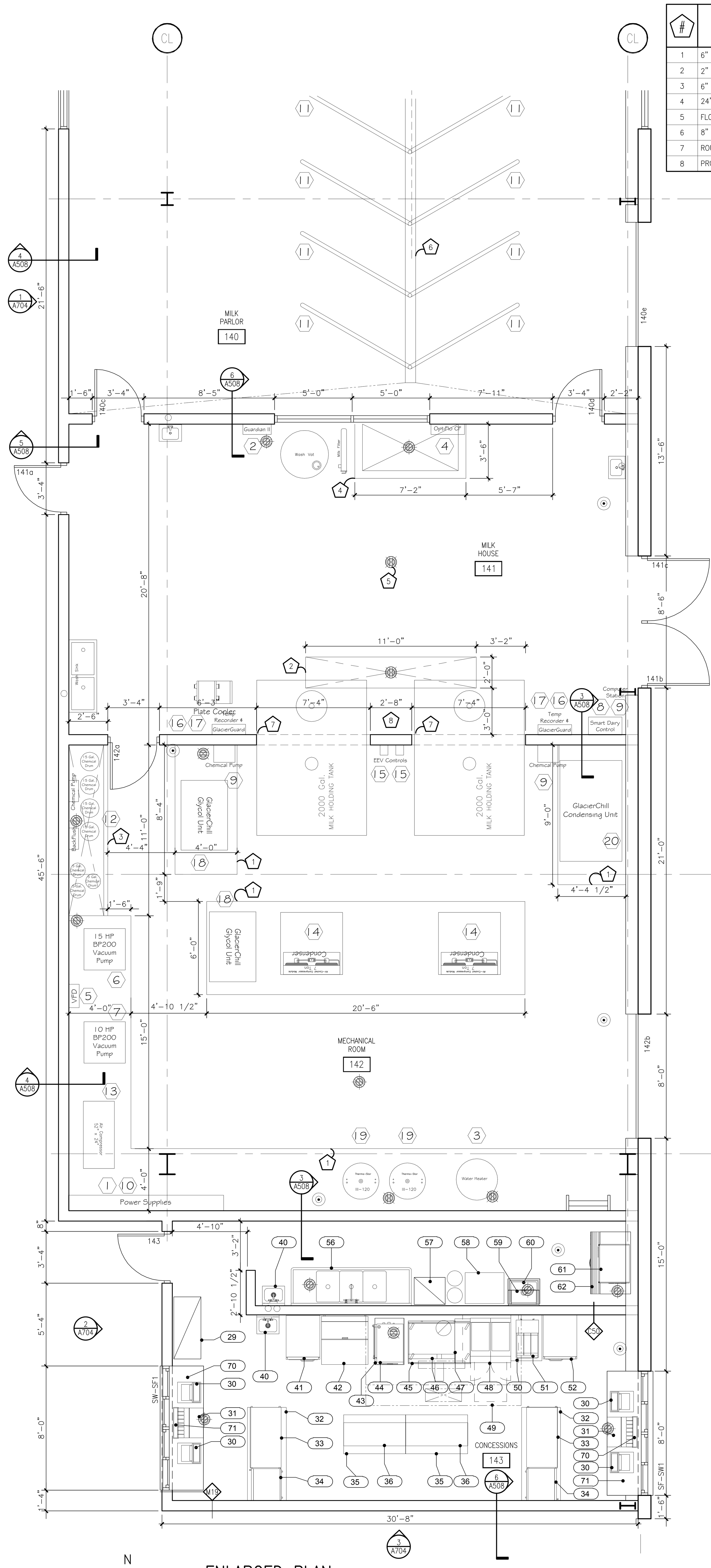
EQUIPMENT SCHEDULE

ITEM	QTY	DESCRIPTION	NOTES
1	1	HANDSINK	1
2	1	MOP SINK & SERVICE FAUCET	1, 2
3	1	CHEMICAL SHELF	
4	1	WALL SHELF	
5	1	3 COMPARTMENT SINK W/FAUCET & LEVER WASTE	1
6	1	SPARE NUMBER	
7	1	SPARE NUMBER	
8	2	REACH-IN REFRIGERATOR	
9	4	POINT OF SALE REGISTER	
10	2	FOOD WARMERS	
11	2	SODA DISPENSER	
12	2	WORK TABLE	
13	1	SPARE NUMBER	
14	1	SPARE NUMBER	
15	1	SPARE NUMBER	
16	1	WORK TABLE	
17	1	FRENCH FRY WARMER	
18	1	DOUBLE FRYER BATTERY	
19	1	SPREADER	
20	1	CHEF BASE W/ FREEZER DRAWERS	
21	1	GAS GRIDDLE	1
22	1	REFRIGERATED MAKEUP TABLE	
23	1	REFRIGERATOR, REACH-IN	
24	2	WIRE SHELVING	
25	1	TYPE 1 HOOD	3, 4
26	1	SPARE NUMBER	
27	1	SPARE NUMBER	
28	1	SPARE NUMBER	
29	1	WIRE SHELVING	
30	4	POINT OF SALE REGISTER	
31	2	SODA DISPENSER	
32	2	WORK TABLE W/ UNDERHELF	
33	2	FOOD WARMER	
34	2	REACH-IN REFRIGERATOR	
35	2	WORK TABLE	
36	2	DOUBLE TABLE MOUNTED OVERSHELF	
37	1	SPARE NUMBER	
38	1	SPARE NUMBER	
39	1	SPARE NUMBER	
40	2	HANDSINK	1
41	1	REFRIGERATOR, REACH-IN	
42	1	REFRIGERATED MAKEUP TABLE	
43	1	EQUIPMENT STAND WITH RACK SLIDES	
44	1	COMBI OVEN	
45	1	CHEF BASE W/ FREEZER DRAWERS	
46	1	GAS GRIDDLE	
47	1	SPREADER	1
48	1	DOUBLE FRYER BATTERY	
49	1	TYPE 1 HOOD	3, 4
50	1	WORK TABLE	
51	1	FRENCH FRY WARMER	
52	1	FREEZER, REACH-IN	
53	1	SPARE NUMBER	
54	1	SPARE NUMBER	
55	1	SPARE NUMBER	
56	1	3 COMPARTMENT SINK W/FAUCET & LEVER WASTE	1
57	1	WIRE SHELVING	
58	1	BAG'N'BOX (BY VENDOR)	
59	1	CHEMICAL SHELF	
60	1	MOP SINK & SERVICE FAUCET	1, 2
61	1	ICE MACHINE W/ FILTER	1
62	1	ICE BIN	
ITEMS ABOVE PROVIDED & INSTALLED BY FOOD SERVICE VENDOR			
ITEMS BELOW PROVIDED BY GENERAL CONTRACTOR			
70	1	STAINLESS STEEL SERVICE COUNTER	
71	1	UTILITY OPENING. SEE XX/AXXX	

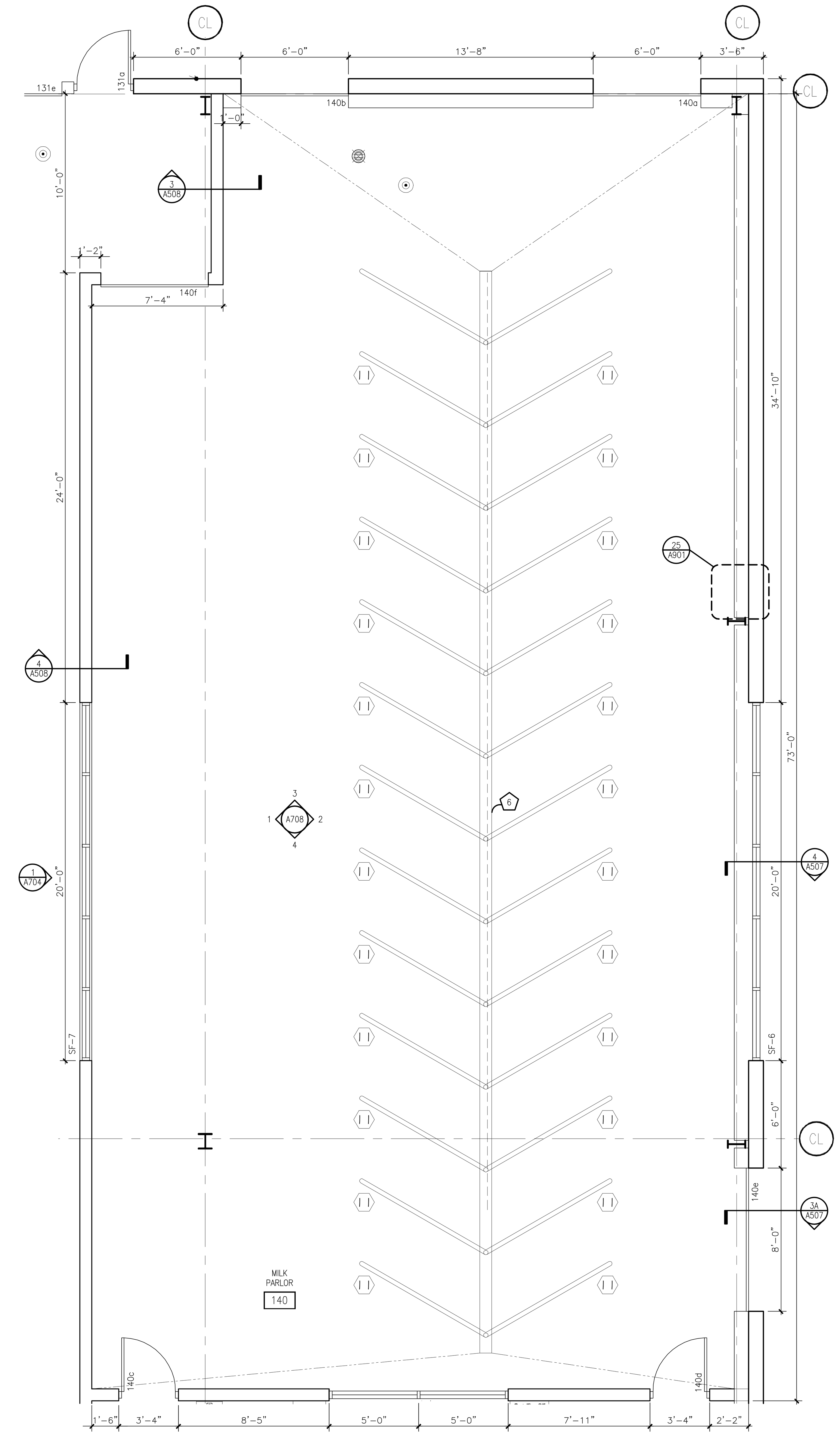
NOTES
1) FINAL CONNECTIONS BY PLUMBING CONTRACTOR
2) MOP BASIN PROVIDED & INSTALLED BY PLUMBING CONTRACTOR
3) POWER CONNECTION BY ELECTRICAL CONTRACTOR
4) EXHAUST FAN BY HVAC CONTRACTOR. FINAL CONNECTION COORDINATE BY HAVE CONTRACTOR & FOOD SERVICE VENDER

#	PLAN - SPECIFIC NOTES
1	6" RAISED CONC. EQUIPMENT PAD
2	2" DEPRESSED CONC. SLAB TO ACCOMMODATE OFOI STAINLESS STEEL DRAIN PAN
3	6" RAISED CURB
4	24" DEPRESSED CONC. SLAB W/ 6" CURB EDGE TO ACCOMMODATE FLOOR DRAIN
5	FLOOR DRAIN REFER TO PLUMBING
6	8" DEPRESSED CUT IN HALF PVC PIPE SLOPED TO DRAIN (SEE PLUMBING FOR DETAILS)
7	ROUGH OPENING DIMENSIONS SHOWN FOR REFERENCE COORDINATE WITH EQUIPMENT
8	PROVIDE ROOF LADDER W/ CAGE

	GENERAL NOTES
1.	ALL DIMENSIONS ARE GIVEN TO FACE OF WALL OR CENTERLINES. SEE WALL SECTIONS AND PARTITION TYPE SECTIONS FOR CONSTRUCTION.
2.	HOLD DOOR FRAMES 4" FROM ADJACENT WALLS, U.N.O.
3.	GENERAL CONTRACTOR TO PROVIDE BLOCKING FOR ALL WALL MOUNTED ITEMS INCLUDING OWNER FURNISHED ITEMS. COORDINATE WITH OWNER. VERIFY WITH OWNER THE EXACT HEIGHT AND LOCATION OF ALL WALL-MOUNTED AND CEILING MOUNTED EQUIPMENT.
4.	REFER TO LOOSE LINTEL SCHEDULE ON SHEET S001 FOR LINTEL REQUIREMENTS AT HVAC OPENINGS IN MASONRY WALLS.
5.	ALL WOOD FRAMING AND/OR BLOCKING USED IN EXTERIOR WALL SYSTEMS TO BE PRESSURE TREATED "FR" TYPE.
6.	FLOOR SLAB IN MILKING PARLOR TO ACCOMMODATE EQUIPOTENTIAL GROUNDING (SEE STRUCTURAL AND ELECTRICAL DRAWINGS FOR DETAILS)
7.	REFER TO STRUCTURAL PLANS, S201B, S201C & S201D FOR INTERIOR CONCRETE SLAB JOINT LAYOUT
8.	OWNER PROVIDED CONCESSION AND MILK HOUSE/ PARLOR EQUIPMENT SHOWN FOR ROUGH IN LOCATIONS. COORDINATE FINAL EQUIPMENT SELECTION / SPECIFICATIONS PRIOR TO WORK.
9.	EXTERIOR ENVELOPE @ MILK HOUSE/ PARLOR/ MECHANICAL ROOMS, 140-142 AND CONCESSION ROOM 143, PROVIDE CODE MINIMUM R- VALUES, SEE 1/A507, 1/A508 FOR DETAILS.
10.	OFOI RUBBER FLOORMATS FOR MILK PARLOR
11.	PROVIDE 18 GA. SHEET METAL STRAPPING BY 6" WIDE AT ALL WALL MOUNTED ITEMS LOCATED ON GWB OVER METAL STUDS.
12.	ALTERNATE #1: ADD ALTERNATE - INTERIOR BUILD OUT OF FAMILY TOILET 134, JANITOR 135, WOMEN'S TOILET 136, AND MEN'S TOILET 137 (FLOOR SLAB AND UNDER FLOOR SYSTEMS TO BE INCLUDED IN THE SCOPE OF THE WORK)



ENLARGED PLAN 2/A211B
SCALE: 1/4" = 1'-0"



ENLARGED PLAN 1/A211B
SCALE: 1/4" = 1'-0"

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PROJECT TITLE

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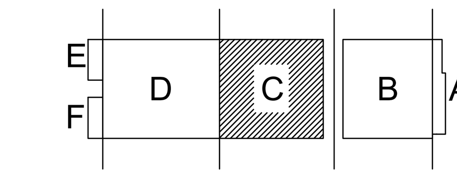
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713



KEY PLAN

SHEET TITLE

ENLARGED MILKING PARLOR PLAN

SHEET NO.
A211C

Xref List: 2013027_02-X-TB_30x42
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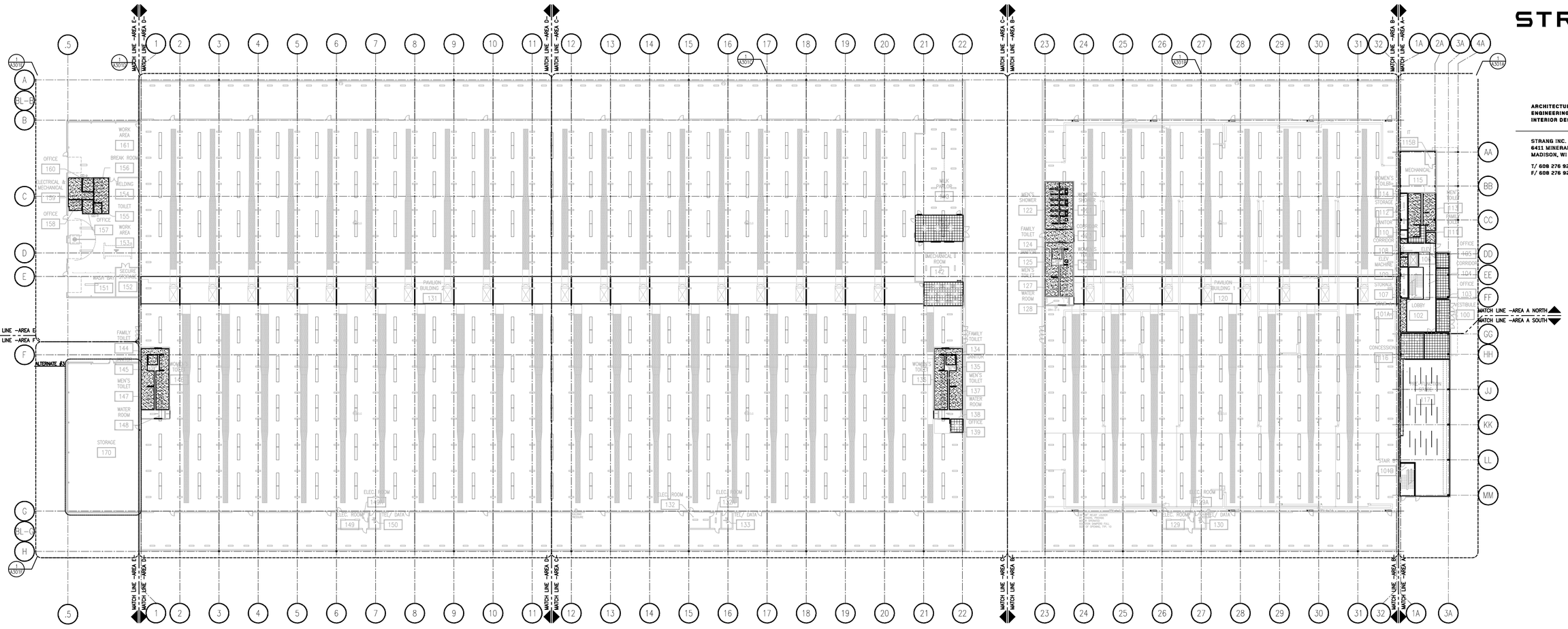
2013027_x-GRID
2013027_02-x-01_Building 2 Concessions
2013027_02-x-01_Milking_Parlor
2013027_02-x-01_extr_grade
2013027_02-xp_W-01
2013027 - General Plan Notes

JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A211C.DWG



N

1 A301

FIRST FLOOR REFLECTED CEILING REFERENCE PLAN

SCALE: 1/32" = 1'-0"

REFLECTED CEILING PLAN LEGEND

- CEILING HEIGHT LABEL
- LINEAR FLUORESCENT FIXTURE – RECESSED
- 2'X4' FLUORESCENT FIXTURE (RECESSED)
- FLUORESCENT FIXTURE–STRIP
- WALL MOUNTED SURFACE LIGHT
- RECESSED DOWNLIGHT
- PENDANT FIXTURE
- EXIT LIGHT
- CEILING–MOUNTED SPEAKER–STROBE
- SELF–CONTAINED EMERGENCY LIGHTING UNIT
- FIRE ALARM HORN/STROBES
- FIRE ALARM STROBES
- TRACK LIGHTING FIXTURE
- OCCUPANCY SENSOR
- DROP HARD SERVICE DROP CORD
- RETURN AIR GRILLE
- SUPPLY AIR DIFFUSER
- ACCESS PANEL
- GYPSUM WALLBOARD OR PLASTER
- 2'X2' ACOUSTICAL CEILING PANEL (ACP–3)
- 12"x2"x48" ACOUSTICAL CEILING PANEL (ACP–1)

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

FIRST FLOOR REFLECTED CEILING REFERENCE PLAN

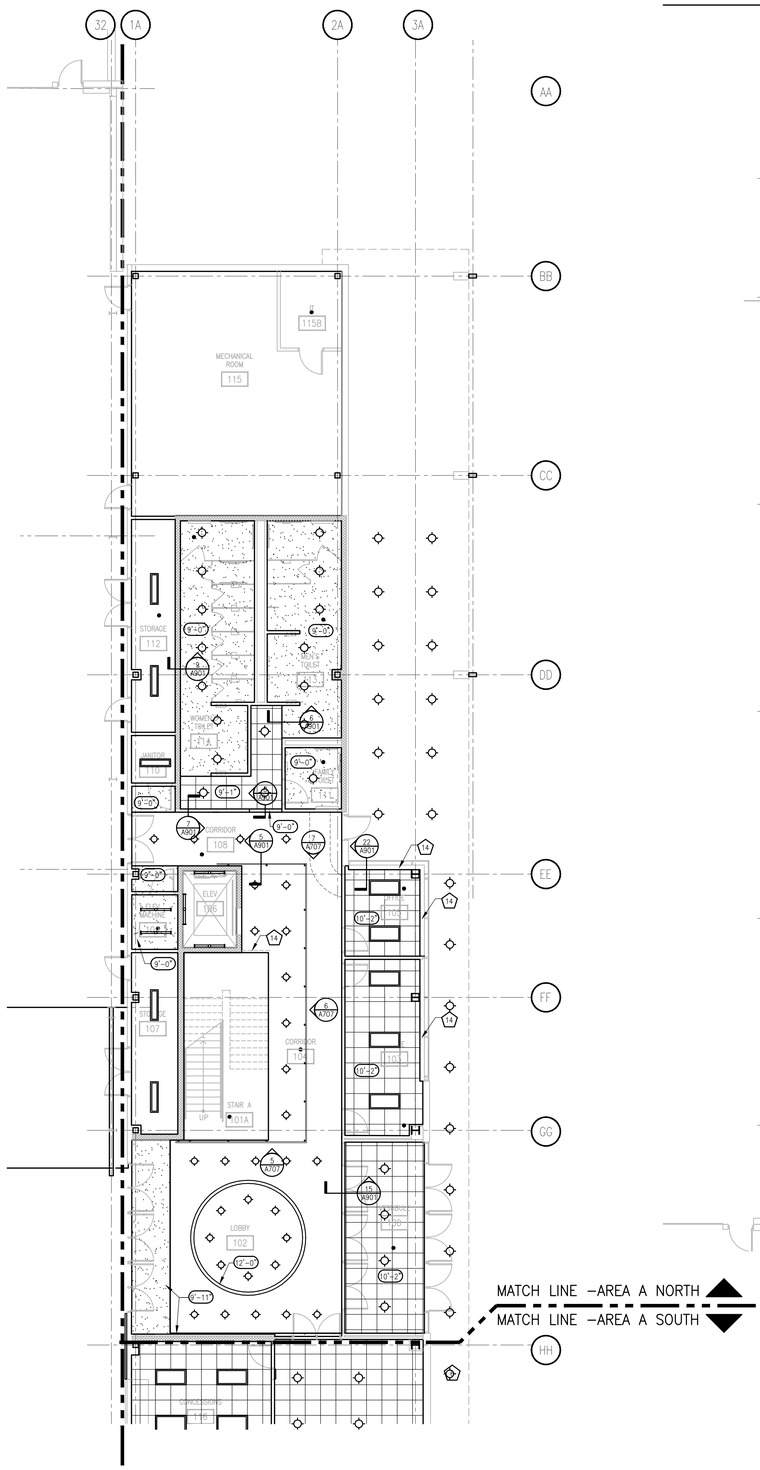
KEY PLAN

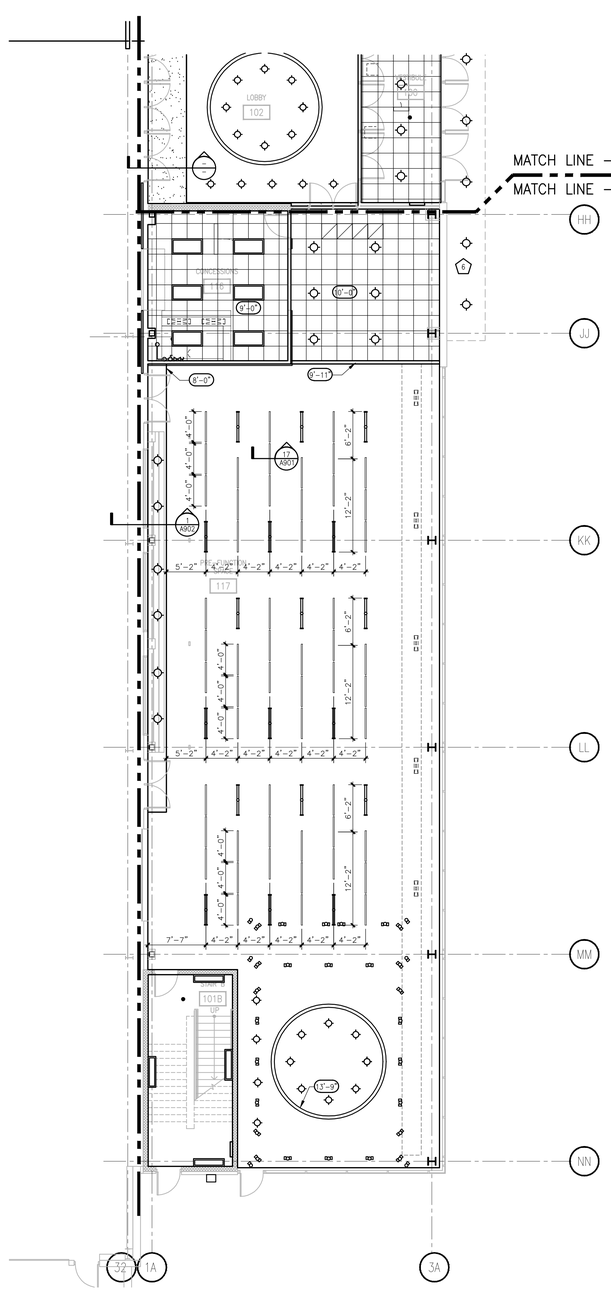
E F D C B A

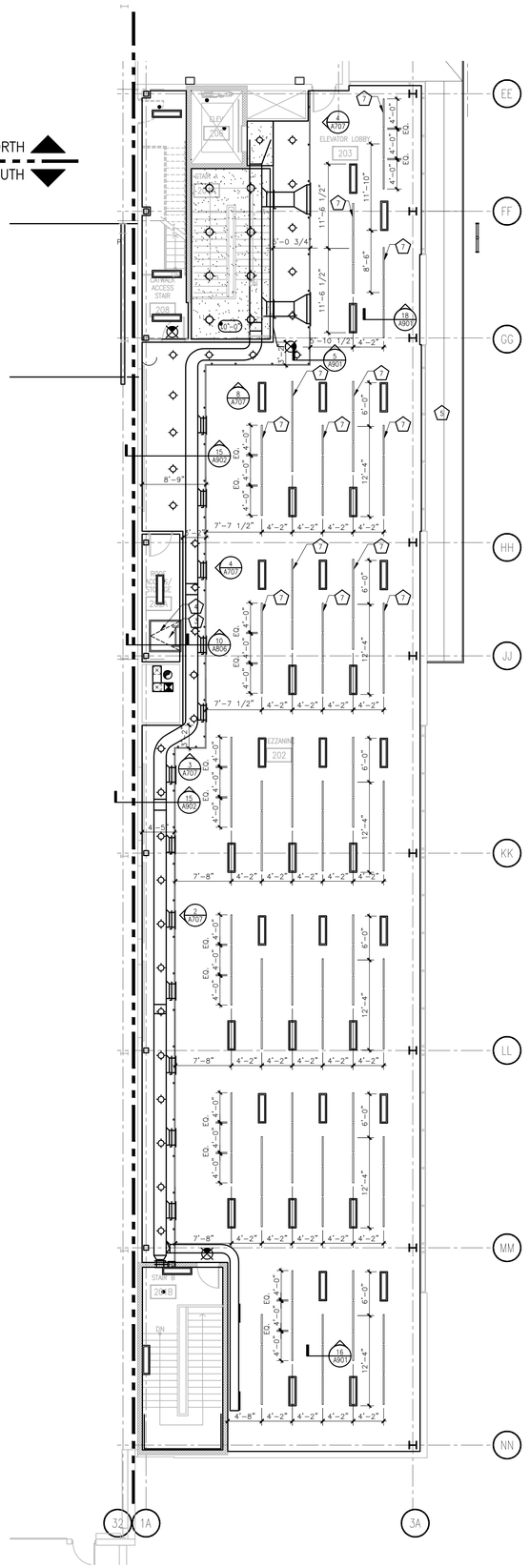
SHEET NO.

A301

MARK BASTIAN 2013-6-28 9:17 AM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A301.DWG







REFLECTED CEILING PLAN LEGEND

- CEILING HEIGHT LABEL
- LINEAR FLUORESCENT FIXTURE – RECESSED
- 2'X4' FLUORESCENT FIXTURE (RECESSED)
- FLUORESCENT FIXTURE–STRIP
- WALL MOUNTED SURFACE LIGHT
- RECESSED DOWNLIGHT
- PENDANT FIXTURE
- EXIT LIGHT
- CEILING–MOUNTED SPEAKER–STROBE
- SELF–CONTAINED EMERGENCY LIGHTING UNIT
- FIRE ALARM HORN/STROBES
- FIRE ALARM STROBES
- TRACK LIGHTING FIXTURE
- OCCUPANCY SENSOR
- HARD SERVICE DROP CORD
- RETURN AIR GRILLE
- SUPPLY AIR DIFFUSER
- ACCESS PANEL
- GYPSUM WALLBOARD OR PLASTER
- 2'X2' ACOUSTICAL CEILING PANEL (ACP–3)
- 12"x2"x48" ACOUSTICAL CEILING PANEL (ACP–1)

GENERAL REFLECTED CEILING PLAN NOTES

1	ROOMS ARE OPEN TO STRUCTURE UNLESS SHOWN OTHERWISE.
2	LIGHT FIXTURES SHOWN FOR COORDINATION ONLY. SEE LIGHTING PLAN FOR FIXTURE INFORMATION.
3	SEE FP DRAWINGS FOR FIRE PROTECTION PLANS AND NOTES.
4	ALL ACP–1 TO BE MOUNTED 13'–9" AFF U.N.O. REFER TO DETAIL 19/A901.
5	ALTERNATE BID #2: ALL ACP–1 @ MEZZANINE LEVEL

REFLECTED CEILING PLAN– SPECIFIC NOTES

#	
1	PROVIDE ACCESS PANEL, COORD. WITH MECH. DRAWINGS
2	SUSPENDED OPEN CEILING GRID SYSTEM WITH 10"–HIGH ALUMINUM PERIMETER TRIM, TYP.
3	WALL–MOUNTED LADDER TO ROOF
4	INSULATED ROOF HATCH.
5	EXTERIOR CANOPY BELOW.
6	EXTERIOR CANOPY ABOVE.
7	MOUNT TOP OF ACP–1 @ 2'–3" FROM BOTTOM OF CEILING STRUCTURE. SEE DETAIL 19/A901 FOR HANGING ANGLE. SEE SECTION 1/A501 FOR REFERENCE.
8	ROOF MOUNTED SKYLIGHT, TYP.
9	FABRIC DIFFUSER, TYP. – SEE MECHANICAL DWGS.
10	SUSPENDED LIGHT FIXTURE, TYP. – SEE ELECTRICAL DWGS.
11	SUPPLY OR WASTE/VENT PIPING, TYP. – SEE PLUMBING DWGS.
12	RADIANT HEATER, TYP. – SEE MECHANICAL DWGS.
13	PROVIDE STEEL EXTENSION AS DRAFT CURTAIN. SEE DETAIL 10/A901
14	PROVIDE SHADE POCKET; SEE DETAIL X/A90X

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

REFLECTED CEILING PLANS AREA A

SHEET NO.

A301A

E F D C B A

KEY PLAN

N 1 A301A FIRST FLOOR REFLECTED CEILING PLAN – AREA A – NORTH
SCALE: 1/8" = 1'–0"
0' 2' 4' 8' 12'

N 2 A301A FIRST FLOOR REFLECTED CEILING PLAN – AREA A – SOUTH
SCALE: 1/8" = 1'–0"
0' 2' 4' 8' 12'

N 2 A301A MEZZANINE REFLECTED CEILING PLAN – AREA A – SOUTH
SCALE: 1/8" = 1'–0"
0' 2' 4' 8' 12'

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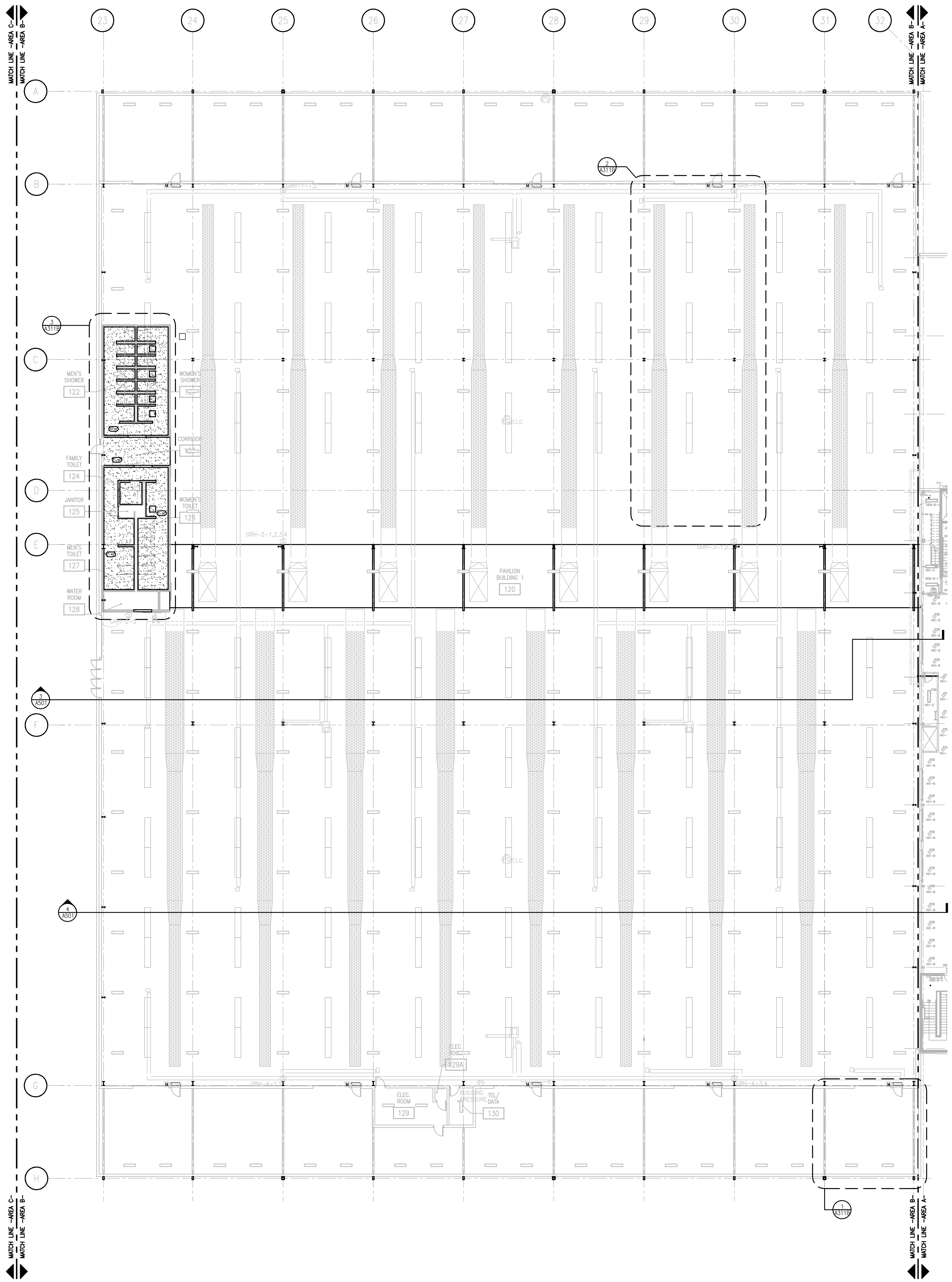

N

1 A301B

FIRST FLOOR REFLECTED CEILING PLAN – AREA B

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

REFLECTED CEILING PLAN LEGEND

- CEILING HEIGHT LABEL
- LINEAR FLUORESCENT FIXTURE – RECESSED
- 2'X4' FLUORESCENT FIXTURE (RECESSED)
- FLUORESCENT FIXTURE–STRIP
- WALL MOUNTED SURFACE LIGHT
- RECESSED DOWNLIGHT
- PENDANT FIXTURE
- EXIT LIGHT
- CEILING–MOUNTED SPEAKER–STROBE
- SELF–CONTAINED EMERGENCY LIGHTING UNIT
- FIRE ALARM HORN/STROBES
- FIRE ALARM STROBES
- TRACK LIGHTING FIXTURE
- OCCUPANCY SENSOR
- DROP — HARD SERVICE DROP CORD
- RETURN AIR GRILLE
- SUPPLY AIR DIFFUSER
- ACCESS PANEL
- GYPSUM WALLBOARD OR PLASTER
- 2'X2' ACOUSTICAL CEILING PANEL (ACP–3)
- 12"x2"x48" ACOUSTICAL CEILING PANEL (ACP–1)

GENERAL REFLECTED CEILING PLAN NOTES

1	ROOMS ARE OPEN TO STRUCTIURE UNLESS SHOWN OTHERWISE.
2	LIGHT FIXTURES SHOWN FOR COORDINATION ONLY. SEE LIGHTING PLAN FOR FIXTURE INFORMATION.
3	SEE FP DRAWINGS FOR FIRE PROTECTION PLANS AND NOTES.
4	ALL ACP–1 TO BE MOUNTED 13'–9" AFF U.N.O. REFER TO DETAIL 19/A901.
5	ALTERNATE BID #2: ALL ACP–1 @ MEZZANINE LEVEL

REFLECTED CEILING PLAN– SPECIFIC NOTES

#	
1	PROVIDE ACCESS PANEL, COORD. WITH MECH. DRAWINGS
2	SUSPENDED OPEN CEILING GRID SYSTEM WITH 10"–HIGH ALUMINUM PERIMETER TRIM, TYP.
3	WALL–MOUNTED LADDER TO ROOF
4	INSULATED ROOF HATCH.
5	EXTERIOR CANOPY BELOW.
6	EXTERIOR CANOPY ABOVE.
7	MOUNT TOP OF ACP–I @ 2'–3" FROM BOTTOM OF CEILING STRUCTURE. SEE DETAIL 19/A901 FOR HANGING ANGLE. SEE SECTION 1/A501 FOR REFERENCE.
8	ROOF MOUNTED SKYLIGHT, TYP.
9	FABRIC DIFFUSER, TYP. – SEE MECHANICAL DWGS.
10	SUSPENDED LIGHT FIXTURE, TYP. – SEE ELECTRICAL DWGS.
11	SUPPLY OR WASTE/VENT PIPING, TYP. – SEE PLUMBING DWGS.
12	RADIANT HEATER, TYP. – SEE MECHANICAL DWGS.
13	PROVIDE STEEL EXTENSION AS DRAFT CURTAIN. SEE DETAIL 10/A901
14	PROVIDE SHADE POCKET; SEE DETAIL X/A90X

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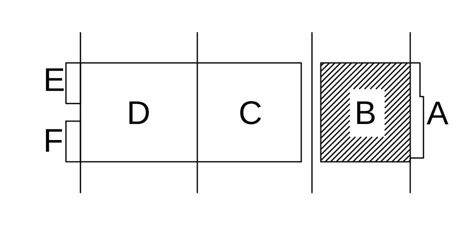
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713



KEY PLAN

SHEET TITLE

FIRST FLOOR
REFLECTED CEILING PLAN
AREA B

SHEET NO.

A301B

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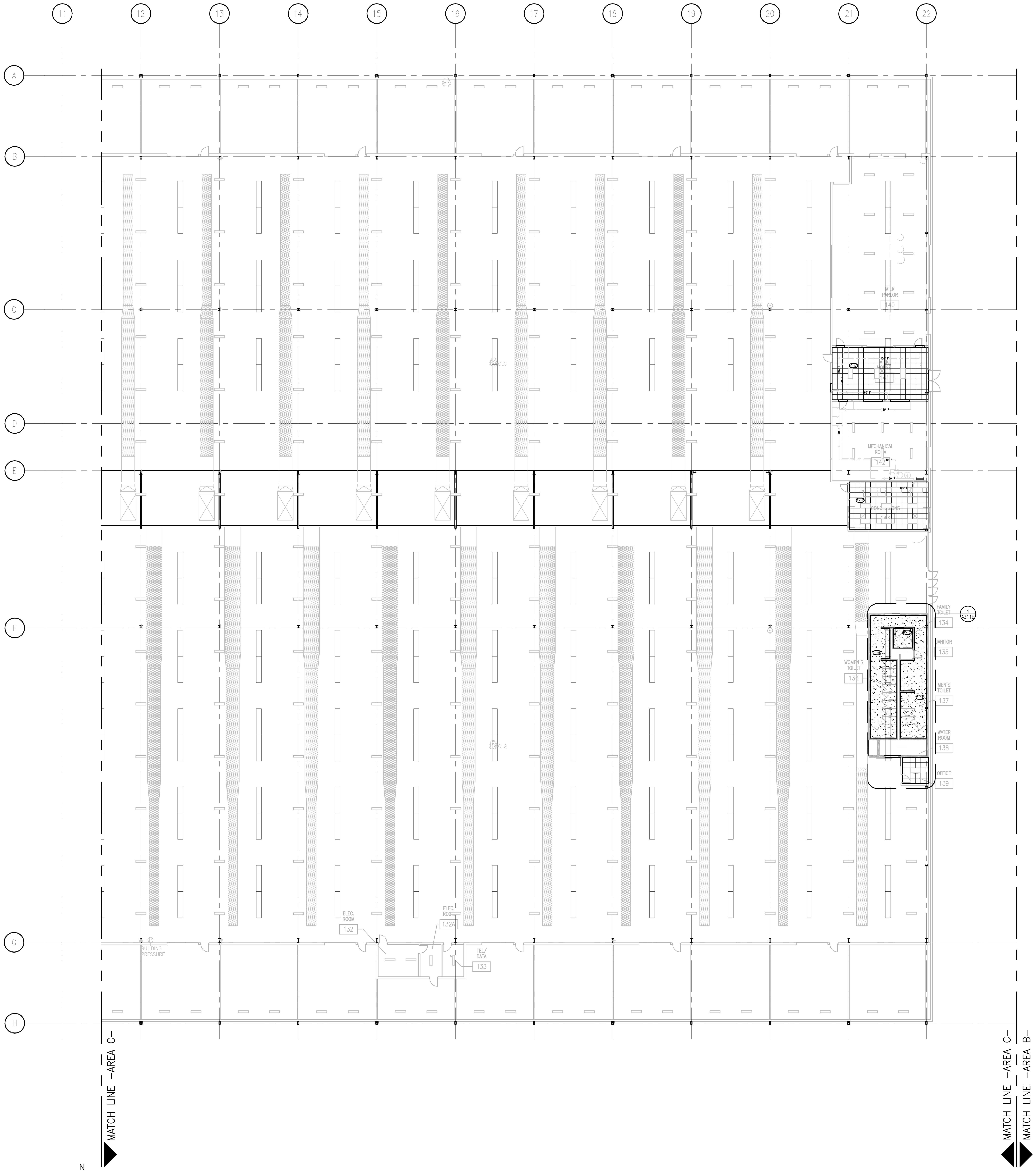

FIRST FLOOR REFLECTED CEILING PLAN – AREA C

1 / A301C

SCALE: 1/16"= 1'–0"

REFLECTED CEILING PLAN LEGEND

- CEILING HEIGHT LABEL
- LINEAR FLUORESCENT FIXTURE – RECESSED
- 2'X4' FLUORESCENT FIXTURE (RECESSED)
- FLUORESCENT FIXTURE–STRIP
- WALL MOUNTED SURFACE LIGHT
- RECESSED DOWNLIGHT
- PENDANT FIXTURE
- EXIT LIGHT
- CEILING–MOUNTED SPEAKER–STROBE
- SELF–CONTAINED EMERGENCY LIGHTING UNIT
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- FIRE ALARM STROBES
- TRACK LIGHTING FIXTURE
- OCCUPANCY SENSOR
- DROP — HARD SERVICE DROP CORD
- RETURN AIR GRILLE
- SUPPLY AIR DIFFUSER
- ACCESS PANEL
- GYPSUM WALLBOARD OR PLASTER
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GENERAL REFLECTED CEILING PLAN NOTES

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2	LIGHT FIXTURES SHOWN FOR COORDINATION ONLY. SEE LIGHTING PLAN FOR FIXTURE INFORMATION.
3	SEE FP DRAWINGS FOR FIRE PROTECTION PLANS AND NOTES.
4	ALL ACP–1 TO BE MOUNTED 13'–9" AFF U.N.O. REFER TO DETAIL 19/A901.
5	ALTERNATE BID #2: ALL ACP–1 @ MEZZANINE LEVEL

REFLECTED CEILING PLAN– SPECIFIC NOTES

#	
1	PROVIDE ACCESS PANEL, COORD. WITH MECH. DRAWINGS
2	SUSPENDED OPEN CEILING GRID SYSTEM WITH 10"–HIGH ALUMINUM PERIMETER TRIM, TYP.
3	WALL–MOUNTED LADDER TO ROOF
4	INSULATED ROOF HATCH.
5	EXTERIOR CANOPY BELOW.
6	EXTERIOR CANOPY ABOVE.
7	MOUNT TOP OF ACP–I @ 2'–3" FROM BOTTOM OF CEILING STRUCTURE. SEE DETAIL 19/A901 FOR HANGING ANGLE. SEE SECTION 1/A501 FOR REFERENCE.
8	ROOF MOUNTED SKYLIGHT, TYP.
9	FABRIC DIFFUSER, TYP. – SEE MECHANICAL DWGS.
10	SUSPENDED LIGHT FIXTURE, TYP. – SEE ELECTRICAL DWGS.
11	SUPPLY OR WASTE/VENT PIPING, TYP. – SEE PLUMBING DWGS.
12	RADIANT HEATER, TYP. – SEE MECHANICAL DWGS.
13	PROVIDE STEEL EXTENSION AS DRAFT CURTAIN. SEE DETAIL 10/A901
14	PROVIDE SHADE POCKET; SEE DETAIL X/A90X

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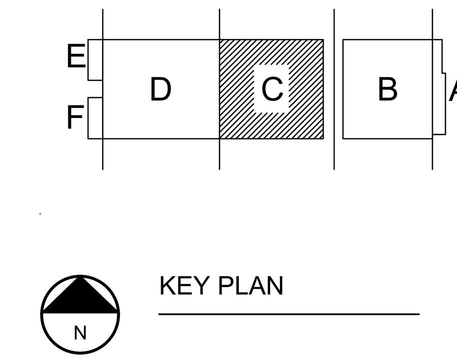
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713



KEY PLAN

SHEET TITLE

FIRST FLOOR REFLECTED CEILING PLAN AREA C

SHEET NO.

A301C

JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A301C.DWG

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2013027 – General RCP Notes
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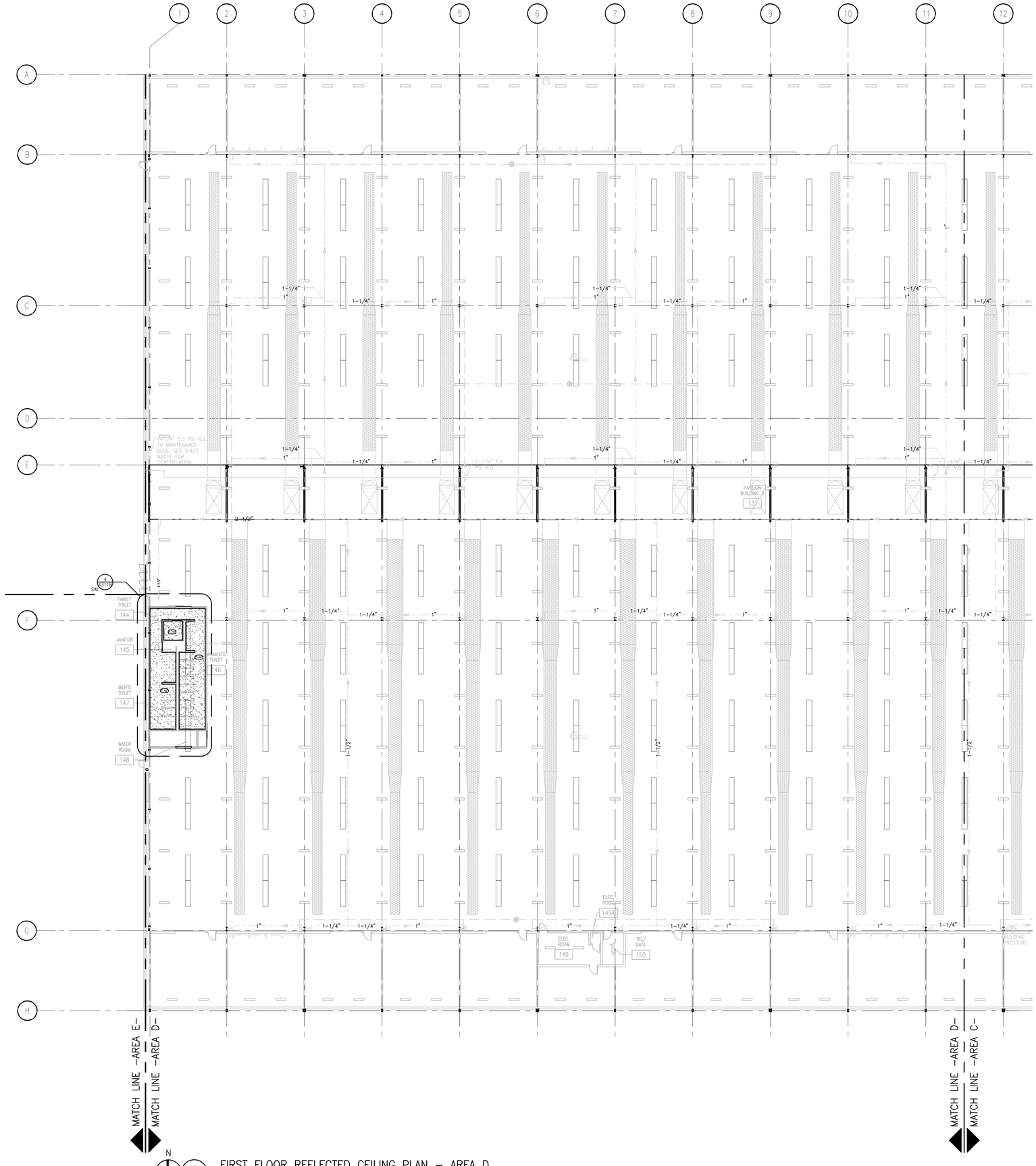

FIRST FLOOR REFLECTED CEILING PLAN – AREA D

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

REFLECTED CEILING PLAN LEGEND

- CEILING HEIGHT LABEL
- LINEAR FLUORESCENT FIXTURE – RECESSED
- 2'X4' FLUORESCENT FIXTURE (RECESSED)
- FLUORESCENT FIXTURE– STRIP
- WALL MOUNTED SURFACE LIGHT
- RECESSED DOWNLIGHT
- PENDANT FIXTURE
- EXIT LIGHT
- CEILING–MOUNTED SPEAKER–STROBE
- SELF–CONTAINED EMERGENCY LIGHTING UNIT
- FIRE ALARM HORN/STROBES
- FIRE ALARM STROBES
- TRACK LIGHTING FIXTURE
- OCCUPANCY SENSOR
- DROP HARD SERVICE DROP CORD
- RETURN AIR GRILLE
- SUPPLY AIR DIFFUSER
- ACCESS PANEL
- GYPSUM WALLBOARD OR PLASTER
- 2'X2' ACOUSTICAL CEILING PANEL (ACP–3)
- 12"x2"x48" ACOUSTICAL CEILING PANEL (ACP–1)

GENERAL REFLECTED CEILING PLAN NOTES

1	ROOMS ARE OPEN TO STRUCTURE UNLESS SHOWN OTHERWISE.
2	LIGHT FIXTURES SHOWN FOR COORDINATION ONLY. SEE LIGHTING PLAN FOR FIXTURE INFORMATION.
3	SEE FP DRAWINGS FOR FIRE PROTECTION PLANS AND NOTES.
4	ALL ACP–1 TO BE MOUNTED 13'–9" AFF U.N.O. REFER TO DETAIL 19/A901.
5	ALTERNATE BID #2: ALL ACP–1 @ MEZZANINE LEVEL

REFLECTED CEILING PLAN– SPECIFIC NOTES

#	
1	PROVIDE ACCESS PANEL, COORD. WITH MECH. DRAWINGS
2	SUSPENDED OPEN CEILING GRID SYSTEM WITH 10"–HIGH ALUMINUM PERIMETER TRIM, TYP.
3	WALL–MOUNTED LADDER TO ROOF
4	INSULATED ROOF HATCH.
5	EXTERIOR CANOPY BELOW.
6	EXTERIOR CANOPY ABOVE.
7	MOUNT TOP OF ACP–1 @ 2'–3" FROM BOTTOM OF CEILING STRUCTURE. SEE DETAIL 19/A901 FOR HANGING ANGLE. SEE SECTION 1/A501 FOR REFERENCE.
8	ROOF MOUNTED SKYLIGHT, TYP.
9	FABRIC DIFFUSER, TYP. – SEE MECHANICAL DWGS.
10	SUSPENDED LIGHT FIXTURE, TYP. – SEE ELECTRICAL DWGS.
11	SUPPLY OR WASTE/VENT PIPING, TYP. – SEE PLUMBING DWGS.
12	RADIANT HEATER, TYP. – SEE MECHANICAL DWGS.
13	PROVIDE STEEL EXTENSION AS DRAFT CURTAIN. SEE DETAIL 10/A901
14	PROVIDE SHADE POCKET; SEE DETAIL X/A90X

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ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

STRANG INC.
6411 MINERAL POINT ROAD
MADISON, WI 53705–4395

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F/ 608 276 9204

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FILE NAME	2013027_02-A301D.DWG
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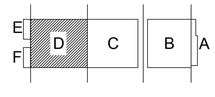
DRAWN	
CHECKED	RG
DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713



KEY PLAN

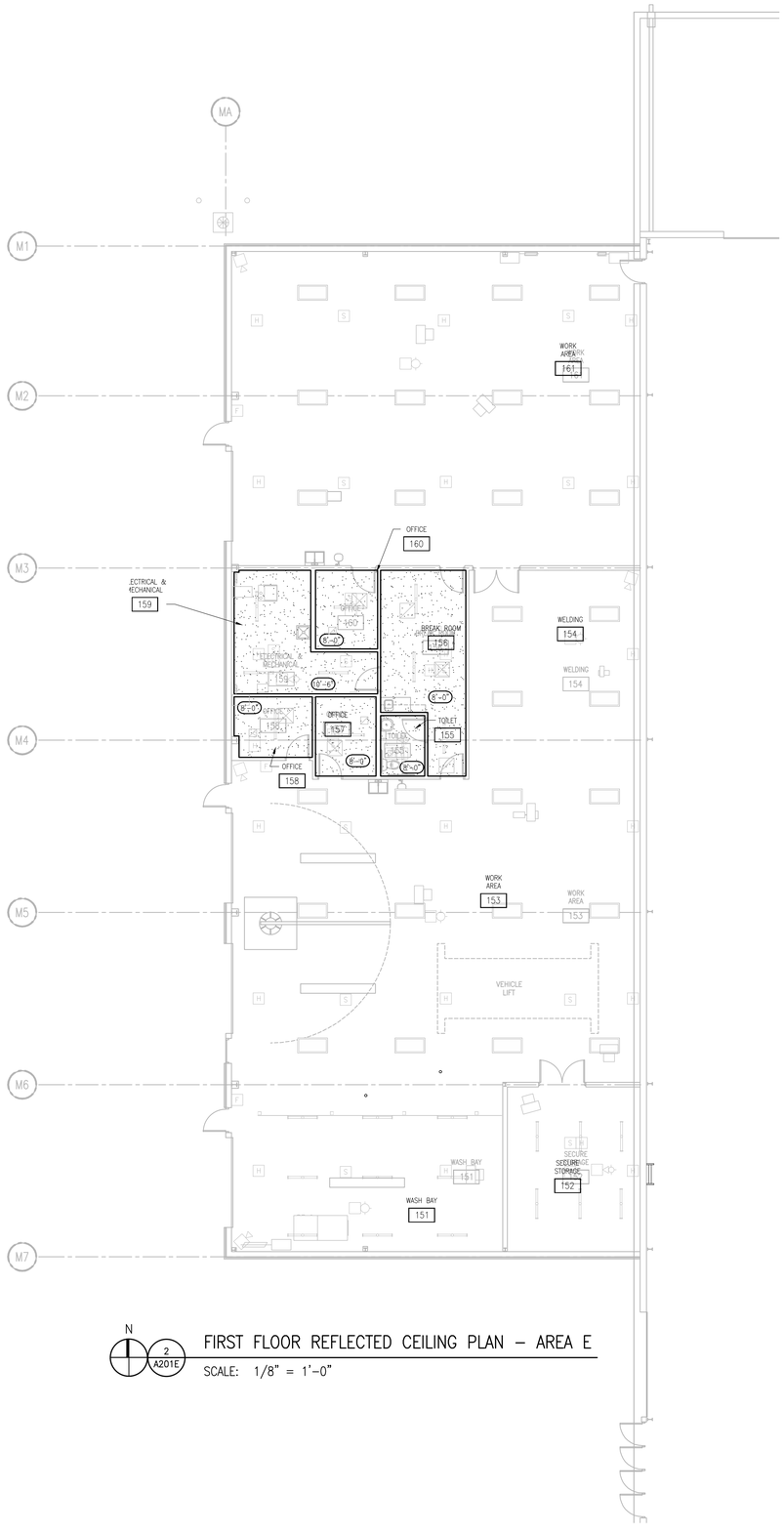
SHEET TITLE

FIRST FLOOR
REFLECTED CEILING PLAN
AREA D

SHEET NO.

A301D

JUSTIN BALLWEG 2008-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A301D.DWG



N

2 A201E

FIRST FLOOR REFLECTED CEILING PLAN – AREA E

SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

- CEILING HEIGHT LABEL
- LINEAR FLUORESCENT FIXTURE – RECESSED
- 2'X4' FLUORESCENT FIXTURE (RECESSED)
- FLUORESCENT FIXTURE–STRIP
- WALL MOUNTED SURFACE LIGHT
- RECESSED DOWNLIGHT
- PENDANT FIXTURE
- EXIT LIGHT
- CEILING–MOUNTED SPEAKER–STROBE
- SELF–CONTAINED EMERGENCY LIGHTING UNIT
- FIRE ALARM HORN/STROBES
- FIRE ALARM STROBES
- TRACK LIGHTING FIXTURE
- OCCUPANCY SENSOR
- DROP HARD SERVICE DROP CORD
- RETURN AIR GRILLE
- SUPPLY AIR DIFFUSER
- ACCESS PANEL
- GYPSUM WALLBOARD OR PLASTER
- 2'X2' ACOUSTICAL CEILING PANEL (ACP–3)
- 12"x2"x48" ACOUSTICAL CEILING PANEL (ACP–1)

GENERAL REFLECTED CEILING PLAN NOTES

1	ROOMS ARE OPEN TO STRUCTURE UNLESS SHOWN OTHERWISE.
2	LIGHT FIXTURES SHOWN FOR COORDINATION ONLY. SEE LIGHTING PLAN FOR FIXTURE INFORMATION.
3	SEE FP DRAWINGS FOR FIRE PROTECTION PLANS AND NOTES.
4	ALL ACP–1 TO BE MOUNTED 13'–9" AFF U.N.O. REFER TO DETAIL 19/A901.
5	ALTERNATE BID #2: ALL ACP–1 @ MEZZANINE LEVEL

REFLECTED CEILING PLAN–SPECIFIC NOTES

#	
1	PROVIDE ACCESS PANEL, COORD. WITH MECH. DRAWINGS
2	SUSPENDED OPEN CEILING GRID SYSTEM WITH 10"–HIGH ALUMINUM PERIMETER TRIM, TYP.
3	WALL–MOUNTED LADDER TO ROOF
4	INSULATED ROOF HATCH.
5	EXTERIOR CANOPY BELOW.
6	EXTERIOR CANOPY ABOVE.
7	MOUNT TOP OF ACP–1 @ 2'–3" FROM BOTTOM OF CEILING STRUCTURE. SEE DETAIL 19/A901 FOR HANGING ANGLE. SEE SECTION 1/A501 FOR REFERENCE.
8	ROOF MOUNTED SKYLIGHT, TYP.
9	FABRIC DIFFUSER, TYP. – SEE MECHANICAL DWGS.
10	SUSPENDED LIGHT FIXTURE, TYP. – SEE ELECTRICAL DWGS.
11	SUPPLY OR WASTE/VENT PIPING, TYP. – SEE PLUMBING DWGS.
12	RADIANT HEATER, TYP. – SEE MECHANICAL DWGS.
13	PROVIDE STEEL EXTENSION AS DRAFT CURTAIN. SEE DETAIL 10/A901
14	PROVIDE SHADE POCKET; SEE DETAIL X/A90X

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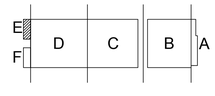
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713



KEY PLAN

SHEET TITLE

FIRST FLOOR REFLECTED CEILING PLAN AREA E

SHEET NO.

A301E

JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A301E.DWG

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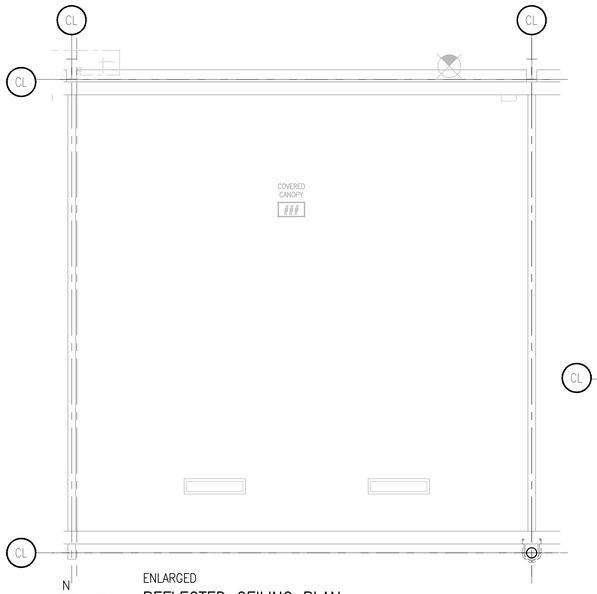


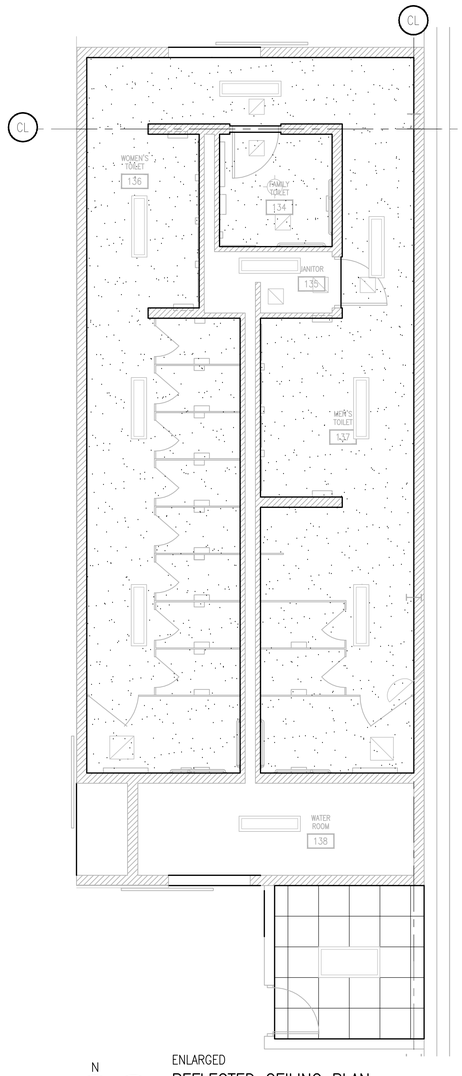
N

1 A311B

ENLARGED
REFLECTED CEILING PLAN

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

0' 1' 2' 4' 6'



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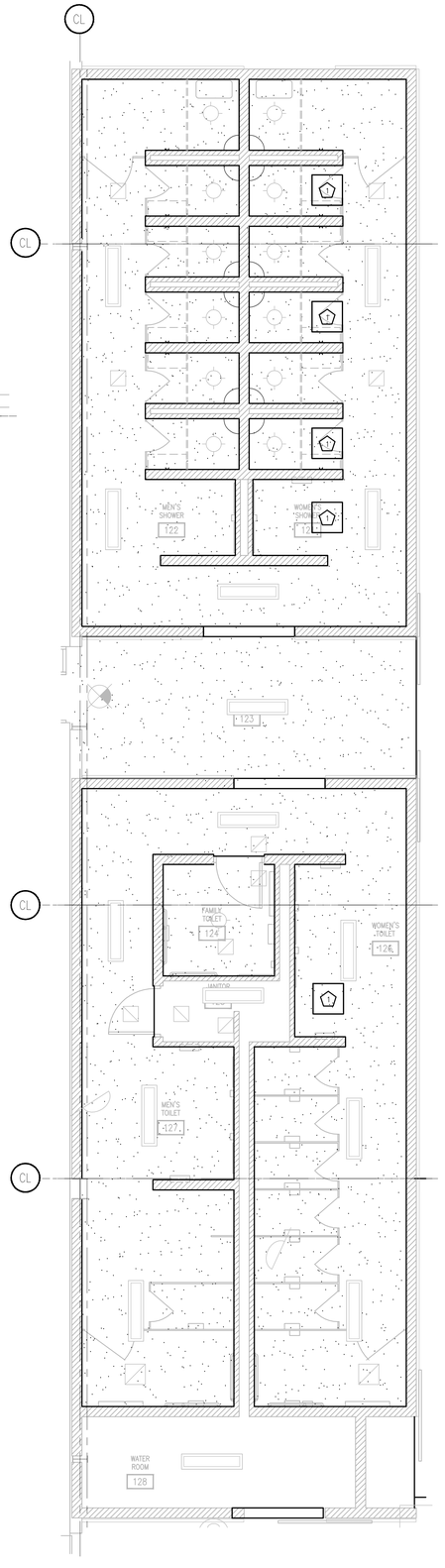
4 A311B

ENLARGED
REFLECTED CEILING PLAN

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

0' 1' 2' 4' 6'



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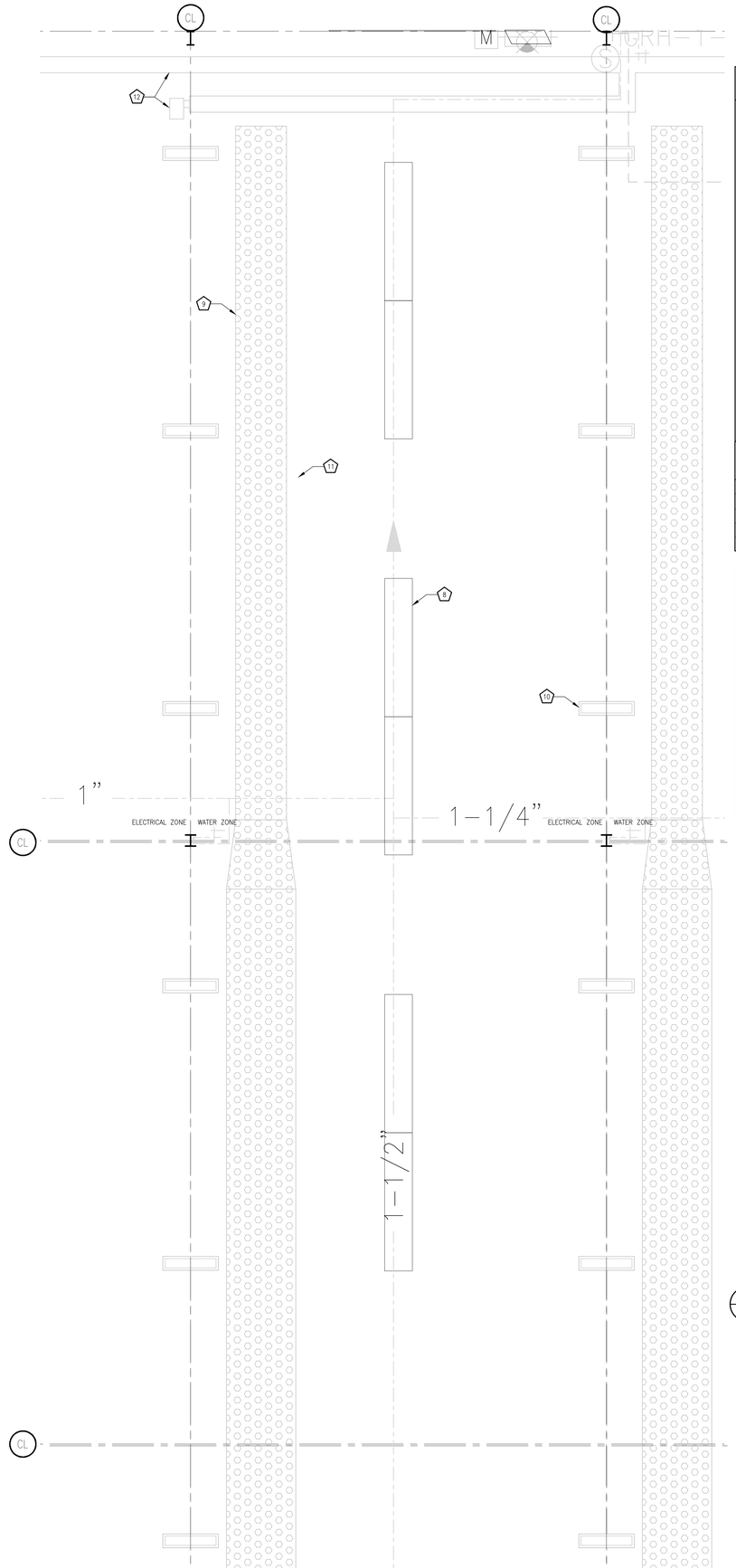
3 A311B

ENLARGED
REFLECTED CEILING PLAN

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

0' 1' 2' 4' 6'



REFLECTED CEILING PLAN LEGEND

- CEILING HEIGHT LABEL
- LINEAR FLUORESCENT FIXTURE – RECESSED
- 2'X4' FLUORESCENT FIXTURE (RECESSED)
- FLUORESCENT FIXTURE–STRIP
- WALL MOUNTED SURFACE LIGHT
- RECESSED DOWNLIGHT
- PENDANT FIXTURE
- EXIT LIGHT
- CEILING–MOUNTED SPEAKER–STROBE
- SELF–CONTAINED EMERGENCY LIGHTING UNIT
- FIRE ALARM HORN/STROBES
- FIRE ALARM STROBES
- TRACK LIGHTING FIXTURE
- OCCUPANCY SENSOR
- DROP HARD SERVICE DROP CORD
- RETURN AIR GRILLE
- SUPPLY AIR DIFFUSER
- ACCESS PANEL
- GYPSUM WALLBOARD OR PLASTER
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GENERAL REFLECTED CEILING PLAN NOTES

1	ROOMS ARE OPEN TO STRUCTURE UNLESS SHOWN OTHERWISE.
2	LIGHT FIXTURES SHOWN FOR COORDINATION ONLY. SEE LIGHTING PLAN FOR FIXTURE INFORMATION.
3	SEE FP DRAWINGS FOR FIRE PROTECTION PLANS AND NOTES.
4	ALL ACP–1 TO BE MOUNTED 13'–9" AFF U.N.O. REFER TO DETAIL 19/A901.
5	ALTERNATE BID #2: ALL ACP–1 @ MEZZANINE LEVEL

REFLECTED CEILING PLAN– SPECIFIC NOTES

#	
1	PROVIDE ACCESS PANEL, COORD. WITH MECH. DRAWINGS
2	SUSPENDED OPEN CEILING GRID SYSTEM WITH 10"–HIGH ALUMINUM PERIMETER TRIM, TYP.
3	WALL–MOUNTED LADDER TO ROOF
4	INSULATED ROOF HATCH.
5	EXTERIOR CANOPY BELOW.
6	EXTERIOR CANOPY ABOVE.
7	MOUNT TOP OF ACP–1 @ 2'–3" FROM BOTTOM OF CEILING STRUCTURE. SEE DETAIL 19/A901 FOR HANGING ANGLE. SEE SECTION 1/A501 FOR REFERENCE.
8	ROOF MOUNTED SKYLIGHT, TYP.
9	FABRIC DIFFUSER, TYP. – SEE MECHANICAL DWGS.
10	SUSPENDED LIGHT FIXTURE, TYP. – SEE ELECTRICAL DWGS.
11	SUPPLY OR WASTE/VENT PIPING, TYP. – SEE PLUMBING DWGS.
12	RADIANT HEATER, TYP. – SEE MECHANICAL DWGS.
13	PROVIDE STEEL EXTENSION AS DRAFT CURTAIN. SEE DETAIL 10/A901
14	PROVIDE SHADE POCKET; SEE DETAIL X/A90X

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N

2 A311B

ENLARGED
REFLECTED CEILING PLAN

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

0' 1' 2' 4' 6'

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DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

E F D C B A

SHEET TITLE

ENLARGED TYPICAL REFLECTED CEILING PLANS

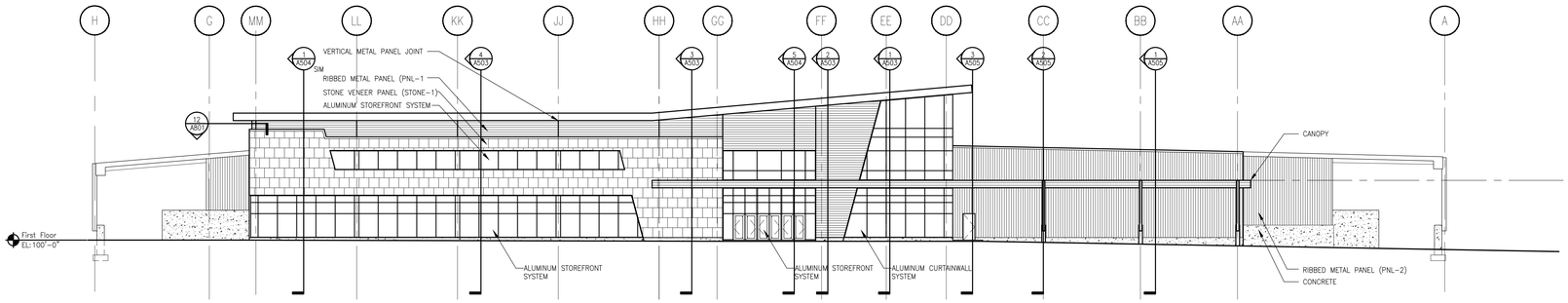
KEY PLAN

N

SHEET NO.

A311B

MARK BASTIAN 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A311B.DWG



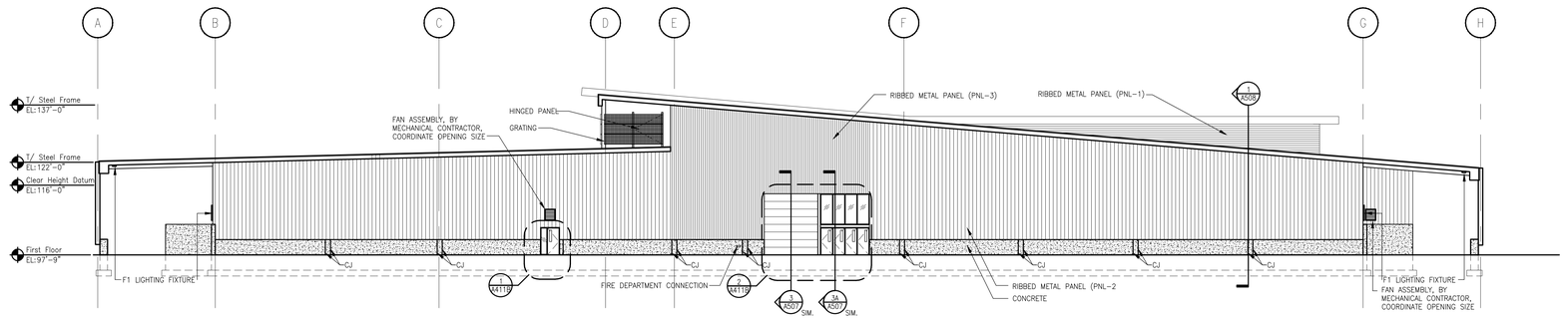
BUILDING 1

EAST ELEVATION

1 / A401

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

0' 4' 8' 16' 24'



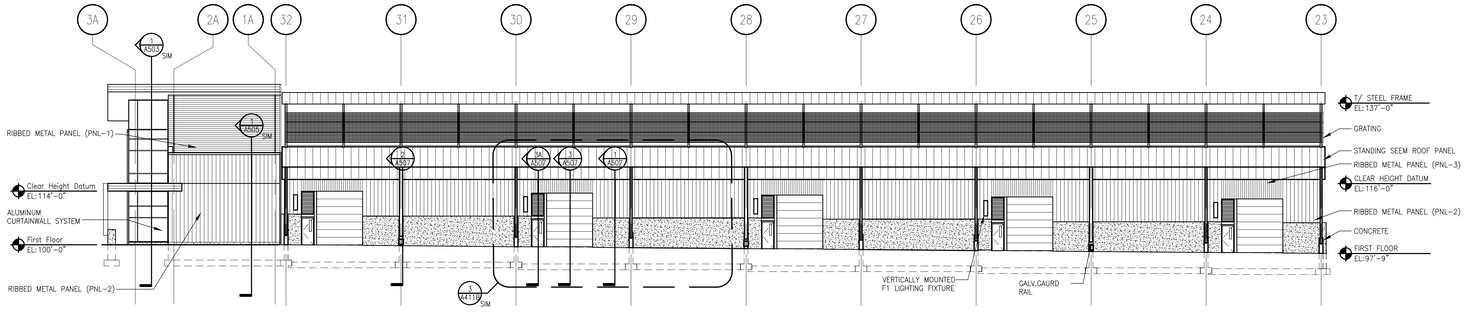
BUILDING 1

WEST ELEVATION

2 / A401

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

0' 4' 8' 16' 24'



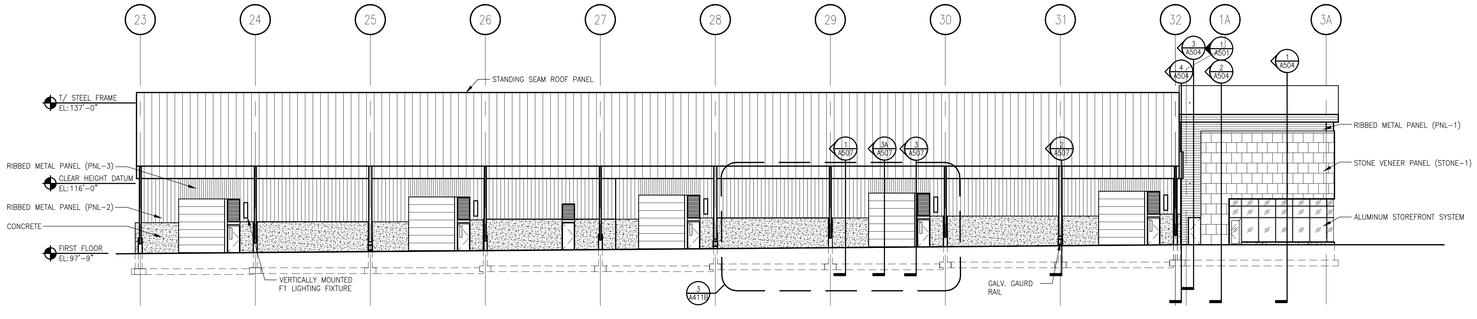
BUILDING 1

NORTH ELEVATION

3 / A401

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

0' 4' 8' 16' 24'



BUILDING 1

SOUTH ELEVATION

4 / A401

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

0' 4' 8' 16' 24'

MATERIAL KEY

- RIBBED METAL PANEL (PNL-1)
- RIBBED METAL PANEL (PNL-2)
- RIBBED METAL PANEL (PNL-3)
- STANDING SEAM ROOF PANEL
- STONE VENEER PANEL (STONE-1)
- VISION GLASS-G1, UNO.
- CONCRETE - SMOOTH RUBBED FINISH
- GRATING

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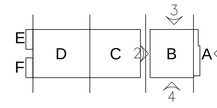
PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

BUILDING 1 EXTERIOR ELEVATIONS



KEY PLAN

SHEET NO.

A401

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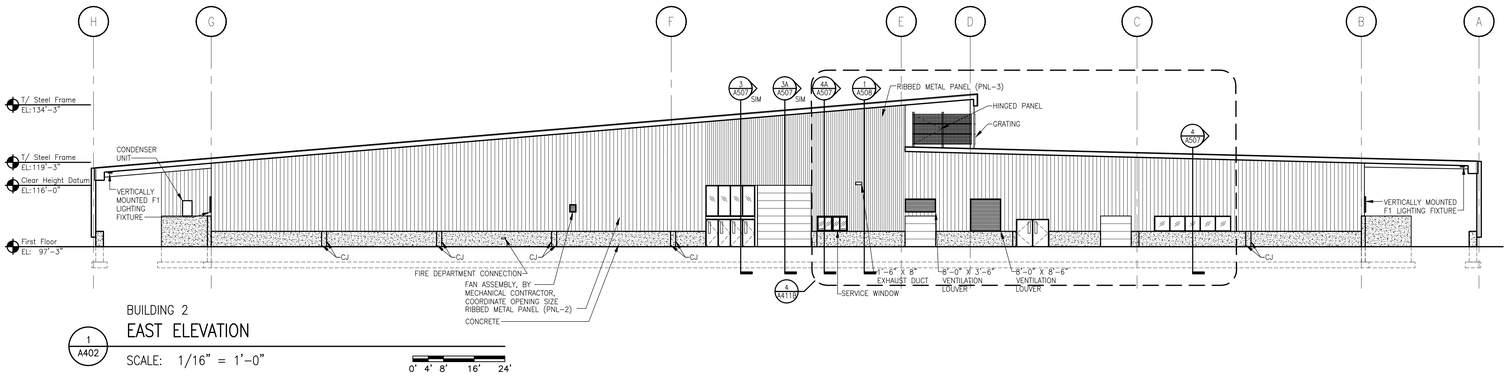
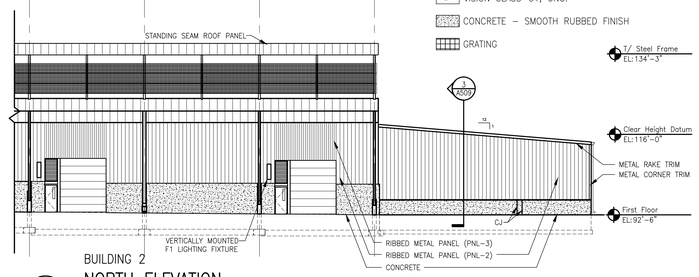
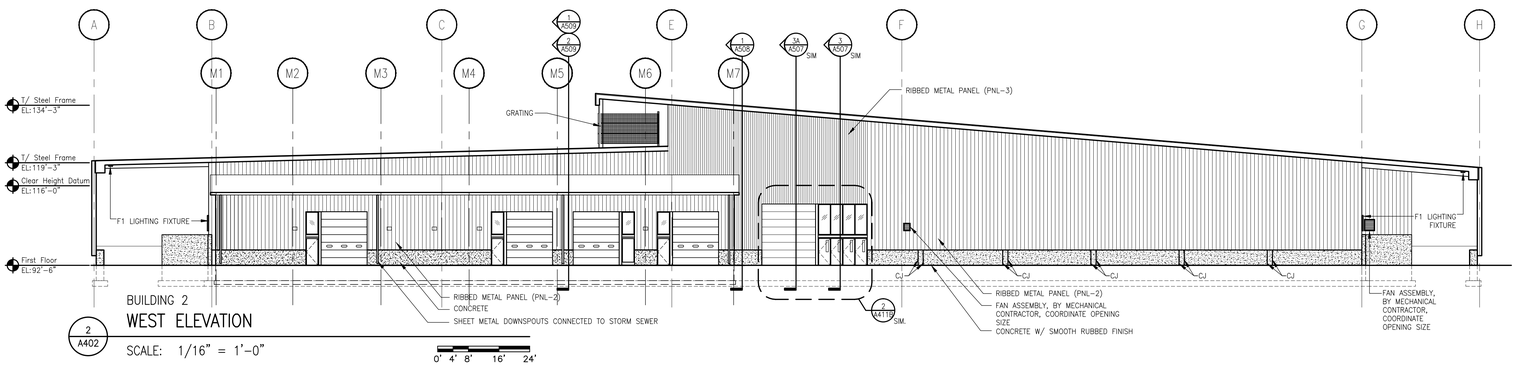


BUILDING 2
EAST ELEVATION
1 A402
SCALE: 1/16" = 1'-0"
0' 4' 8' 16' 24'

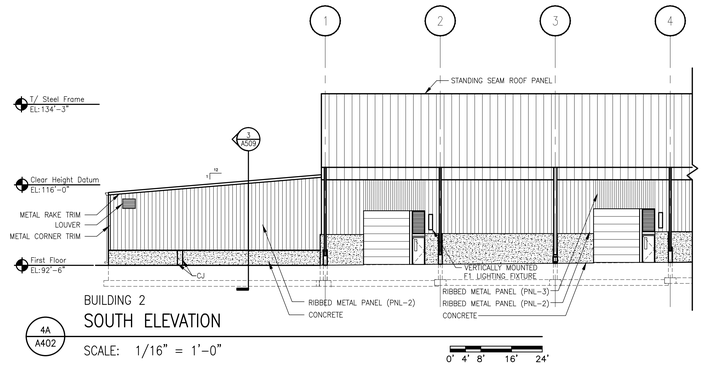


BUILDING 2
NORTH ELEVATION
3A A402
SCALE: 1/16" = 1'-0"
0' 4' 8' 16' 24'

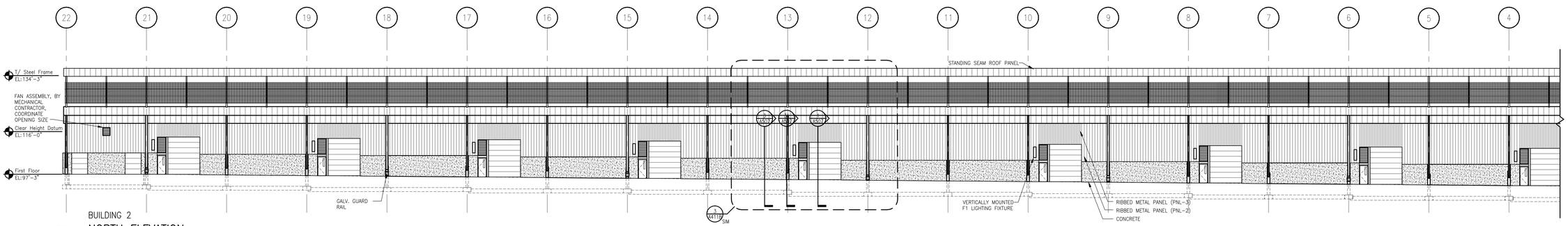
MATERIAL KEY
- RIBBED METAL PANEL (PNL-2)
- RIBBED METAL PANEL (PNL-3)
- STANDING SEAM ROOF PANEL
- STONE VENEER PANEL (STONE-1)
- VISION GLASS-G1, UNO.
- CONCRETE - SMOOTH RUBBED FINISH
- GRATING



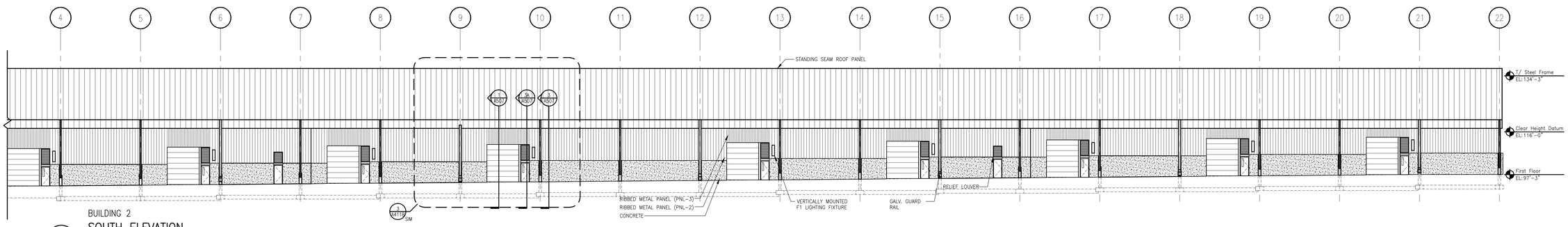
BUILDING 2
WEST ELEVATION
2 A402
SCALE: 1/16" = 1'-0"
0' 4' 8' 16' 24'



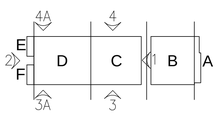
BUILDING 2
SOUTH ELEVATION
4A A402
SCALE: 1/16" = 1'-0"
0' 4' 8' 16' 24'



BUILDING 2
NORTH ELEVATION
3 A402
SCALE: 1/16" = 1'-0"
0' 4' 8' 16' 24'



BUILDING 2
SOUTH ELEVATION
4 A402
SCALE: 1/16" = 1'-0"
0' 4' 8' 16' 24'



KEY PLAN

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

STRANG INC.
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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

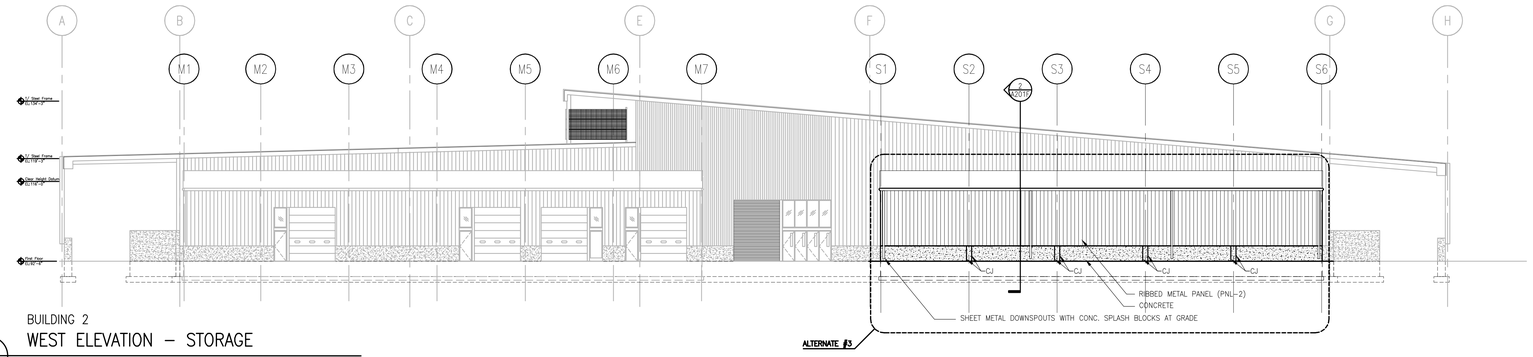
SHEET TITLE

BUILDING 2 EXTERIOR ELEVATIONS

SHEET NO.

A402

MARK BASTIAN 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A402.DWG



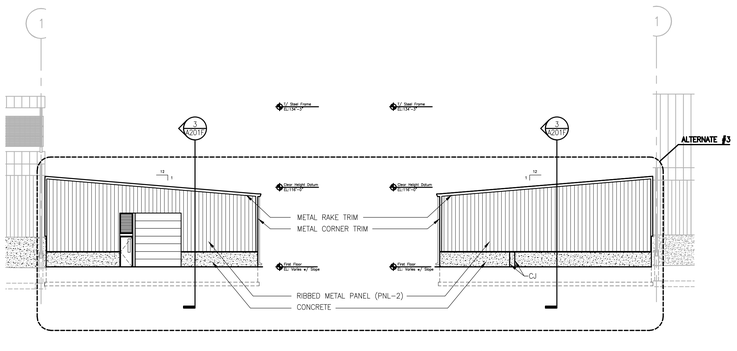
BUILDING 2

WEST ELEVATION – STORAGE

1 / A403

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

0' 4' 8' 16' 24'



BUILDING 2

NORTH ELEVATION – STORAGE

2 / A403

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

0' 4' 8' 16' 24'

BUILDING 2

SOUTH ELEVATION – STORAGE

3 / A403

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

0' 4' 8' 16' 24'

MATERIAL KEY

- RIBBED METAL PANEL (PNL-2)
- RIBBED METAL PANEL (PNL-3)
- STANDING SEAM ROOF PANEL
- STONE VENEER PANEL (STONE-1)
- VISION GLASS-G1, UNO.
- CONCRETE
- GRATING

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

STRANG INC.
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PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

BUILDING 2 - STORAGE EXTERIOR ELEVATIONS

KEY PLAN

SHEET NO.

A403

JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A403.DWG

MATERIAL KEY

- RIBBED METAL PANEL (PNL-1)
- RIBBED METAL PANEL (PNL-2)
- STANDING SEAM ROOF PANEL
- STONE VENEER PANEL (STONE-1)
- VISION GLASS-G1, UNO.
- CONCRETE - SMOOTH RUBBED FINISH
- GRATING

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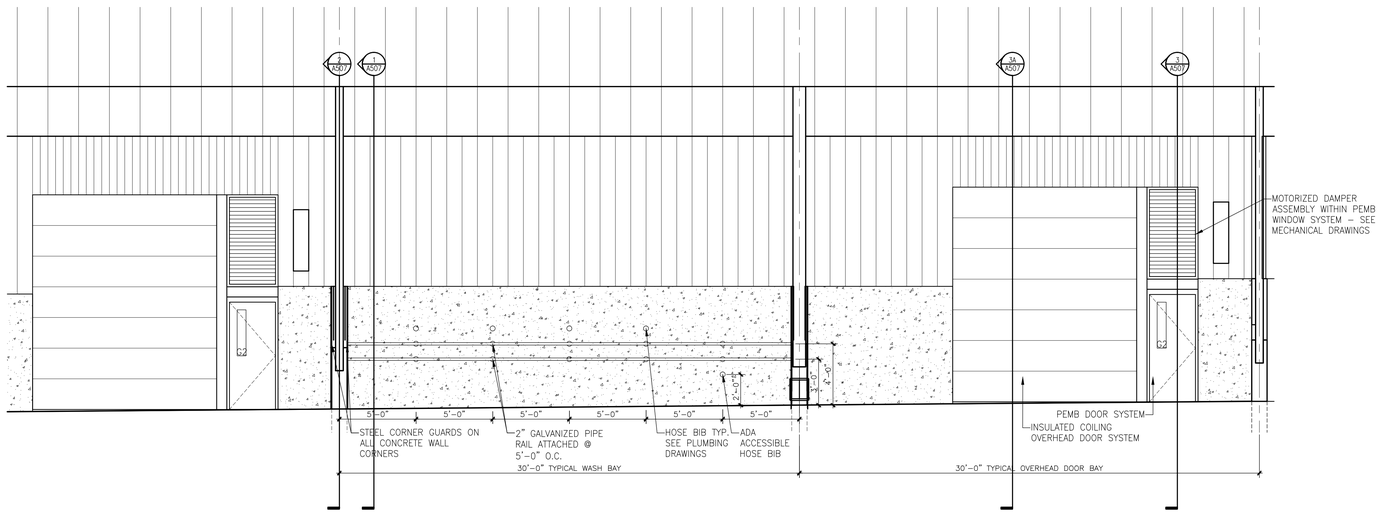
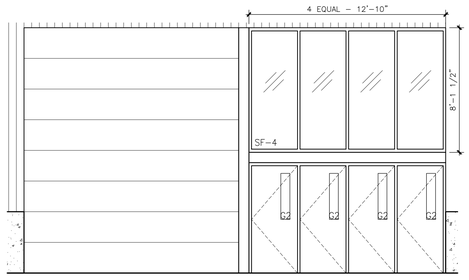


3 A411B

TYPICAL BAY

ENLARGED ELEVATION

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



2 A411B

TYPICAL END BAY

ENLARGED ELEVATION

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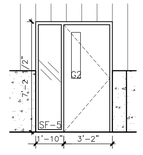
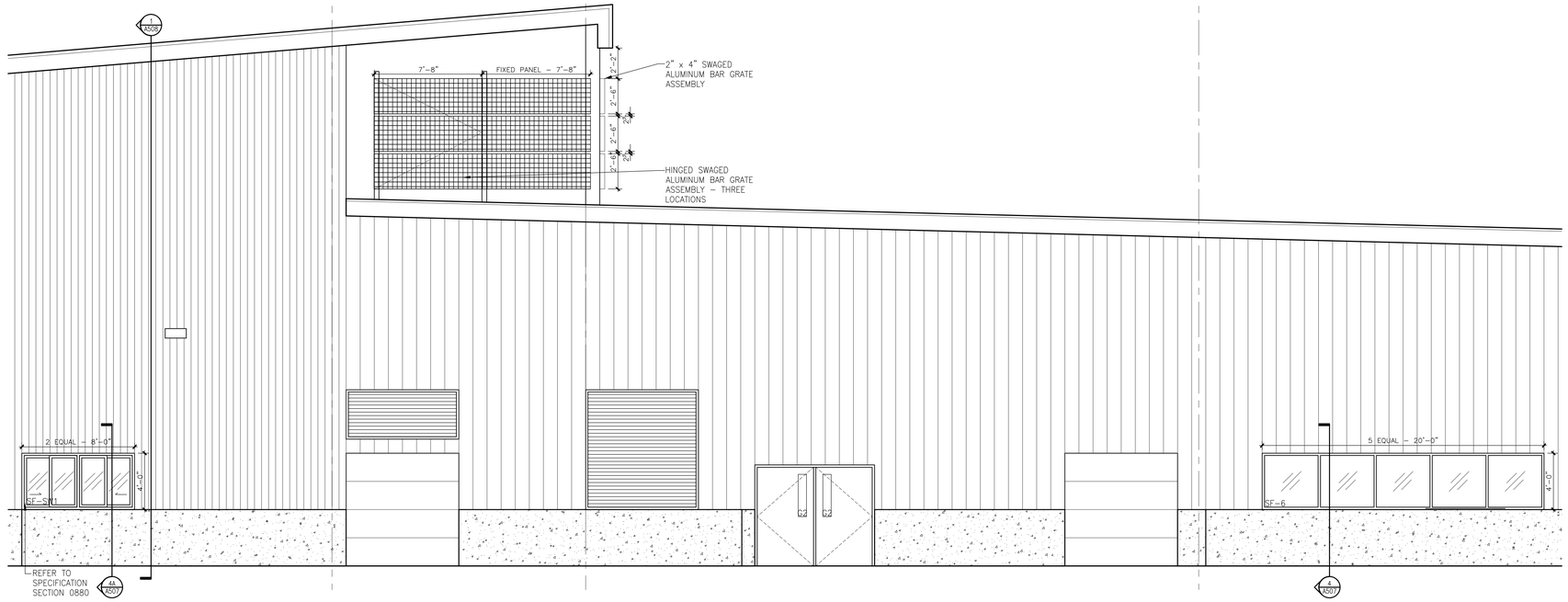


1 A411B

ENLARGED ELEVATION

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



4 A411B

BUILDING 2

ENLARGED ELEVATION

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

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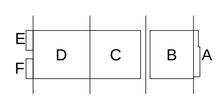
PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

ENLARGED EXTERIOR ELEVATIONS

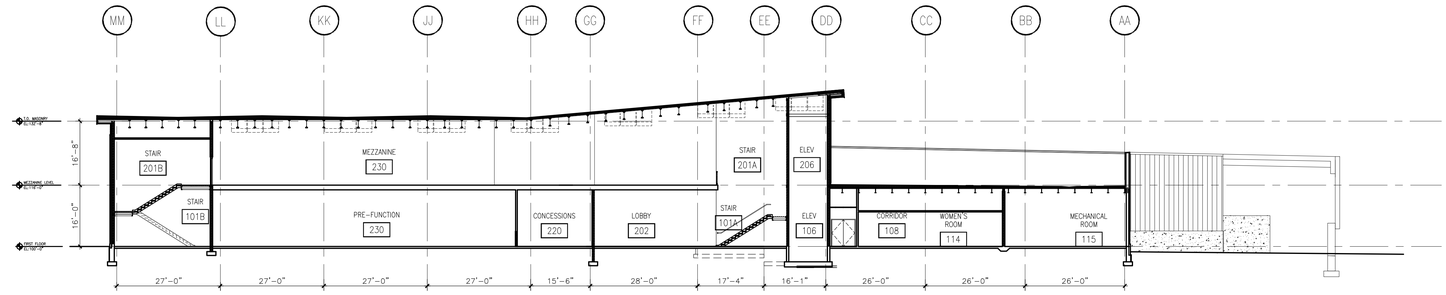


KEY PLAN

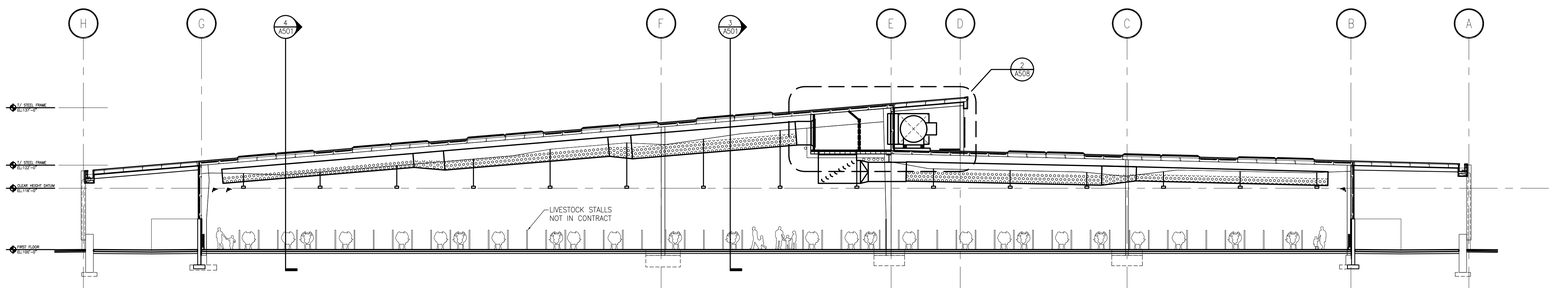
SHEET NO.

A411B

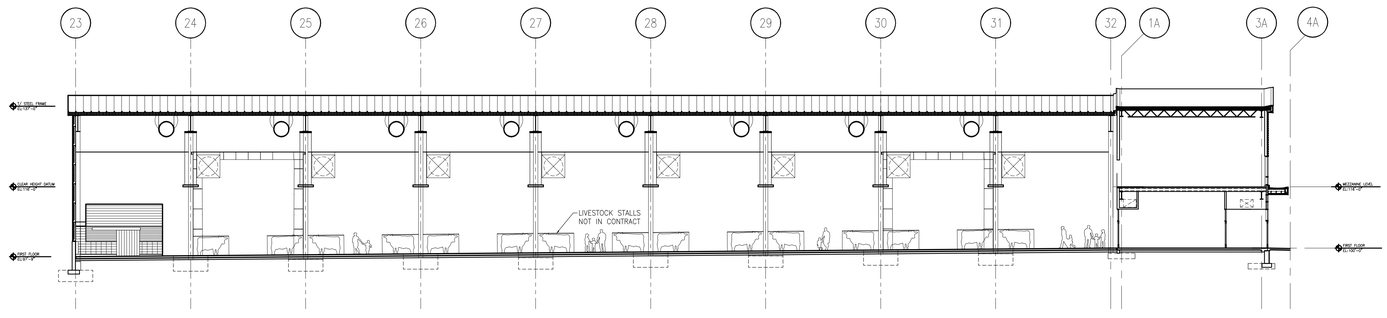
MARK BASTIAN 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALLS\DRAWINGS\2013027_02-A411B.DWG



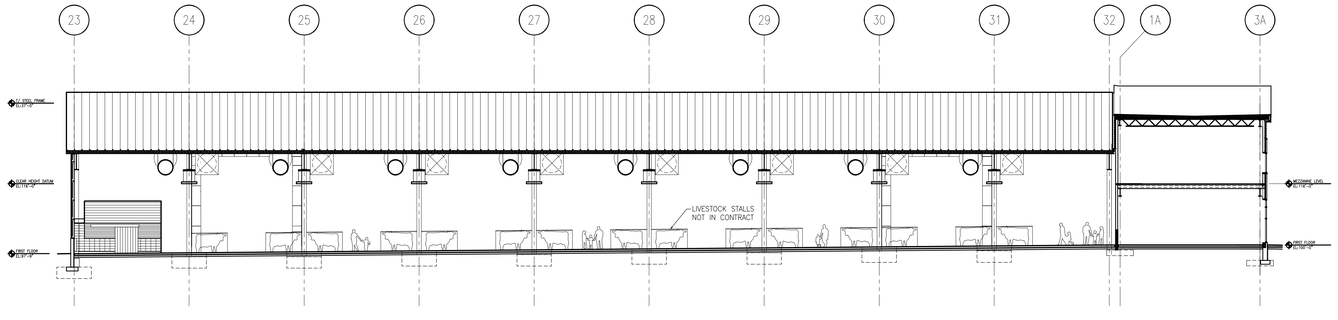
PRE-FUNCTION BUILDING
1 / A501 BUILDING SECTION
SCALE: 1/16" = 1'-0"



PAVILION BUILDING
2 / A501 BUILDING SECTION
SCALE: 1/16" = 1'-0"



PAVILION BUILDING
3 / A501 BUILDING SECTION
SCALE: 1/16" = 1'-0"



PAVILION BUILDING
4 / A501 BUILDING SECTION
SCALE: 1/16" = 1'-0"

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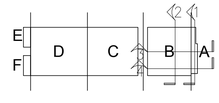
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713



KEY PLAN

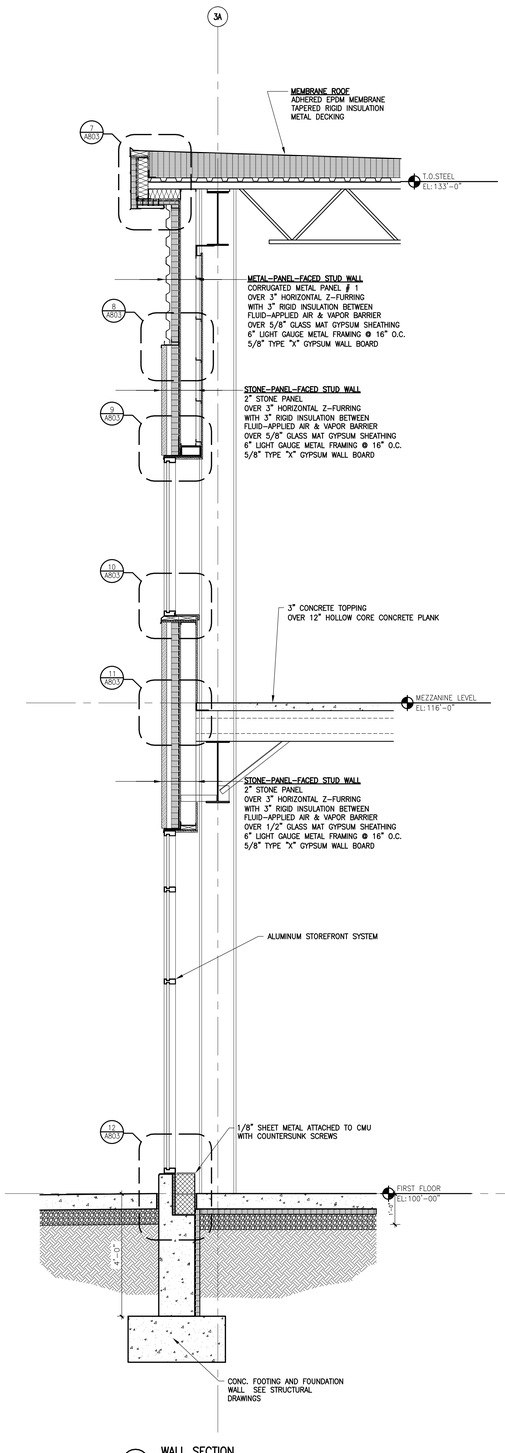
SHEET TITLE

BUILDING 1 BUILDING SECTIONS

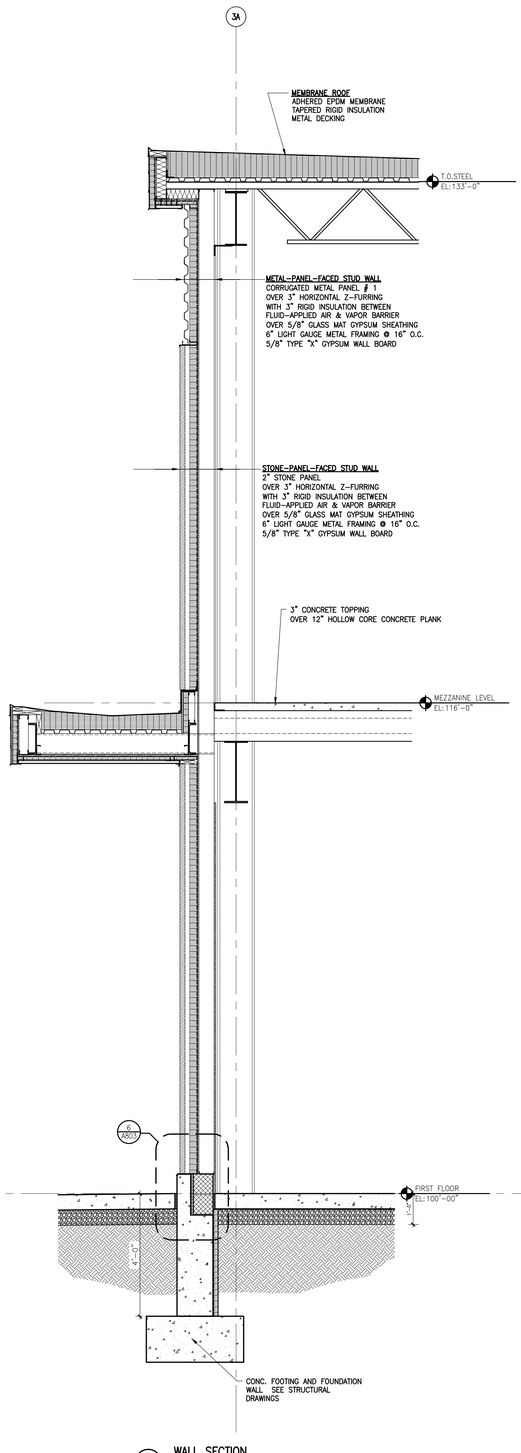
SHEET NO.

A501

JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A501.DWG



4 A503 **WALL SECTION**
SCALE: 3/4"=1'-0"



3 A503 **WALL SECTION**
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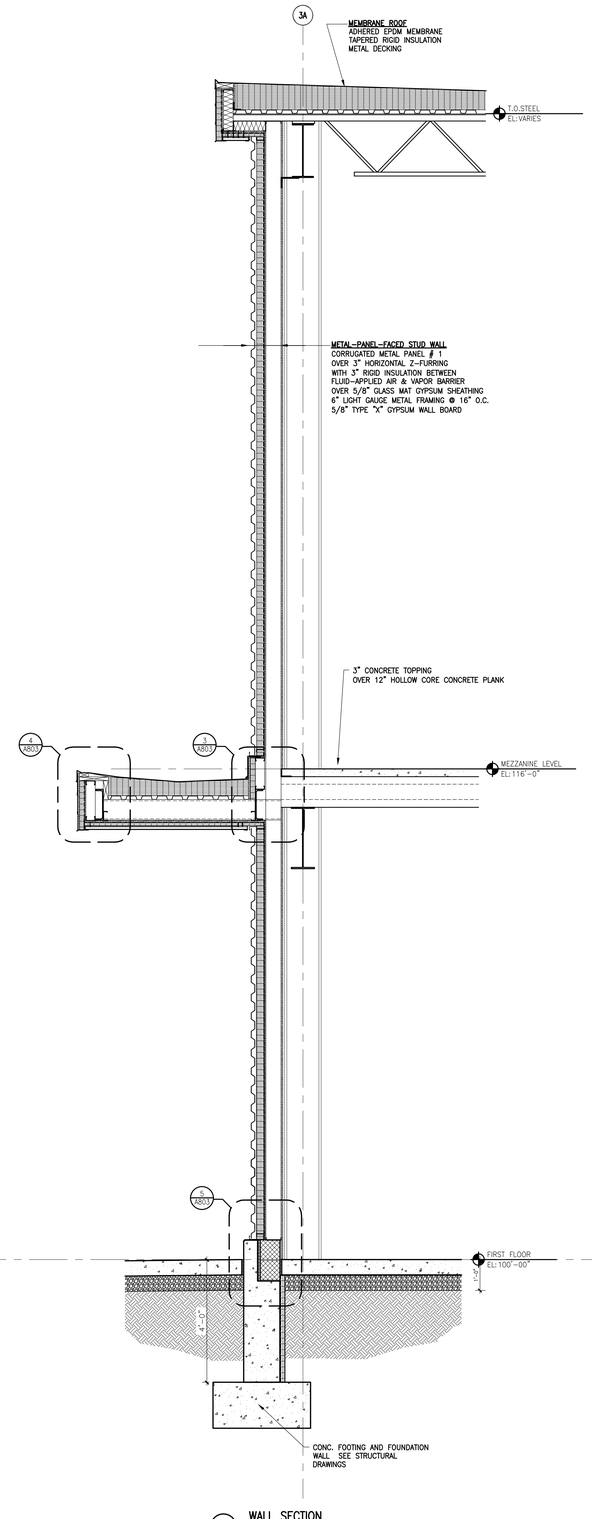

2 A503 **WALL SECTION**
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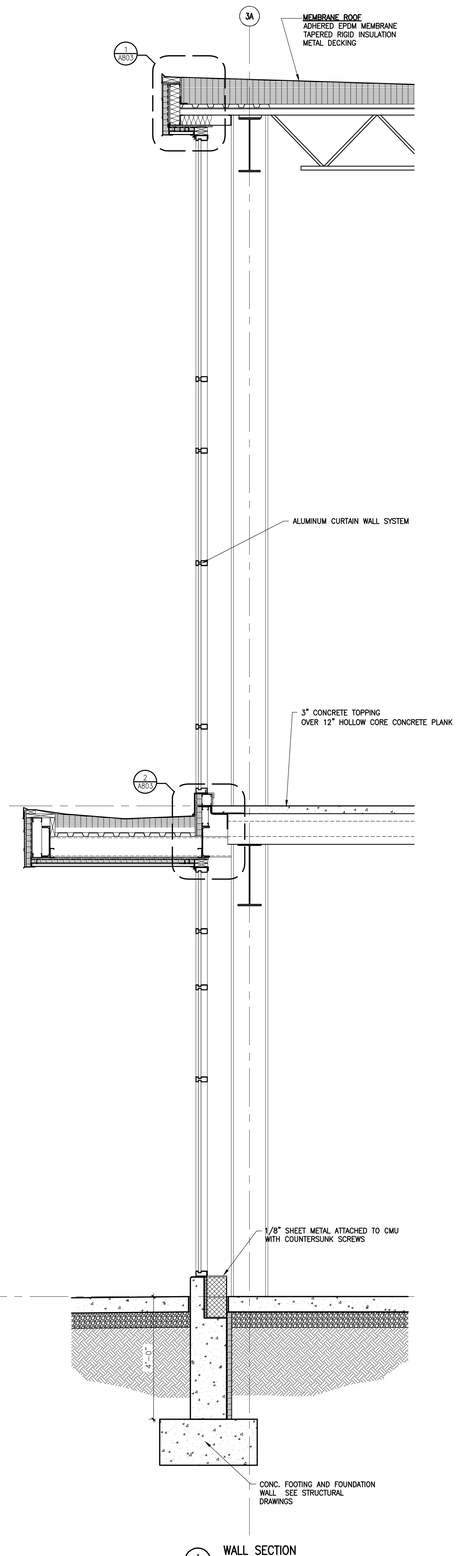

1 A503 **WALL SECTION**
SCALE: 3/4"=1'-0"

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DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY
CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

WALL SECTIONS

SHEET NO.

A503

JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE\EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A503.DWG
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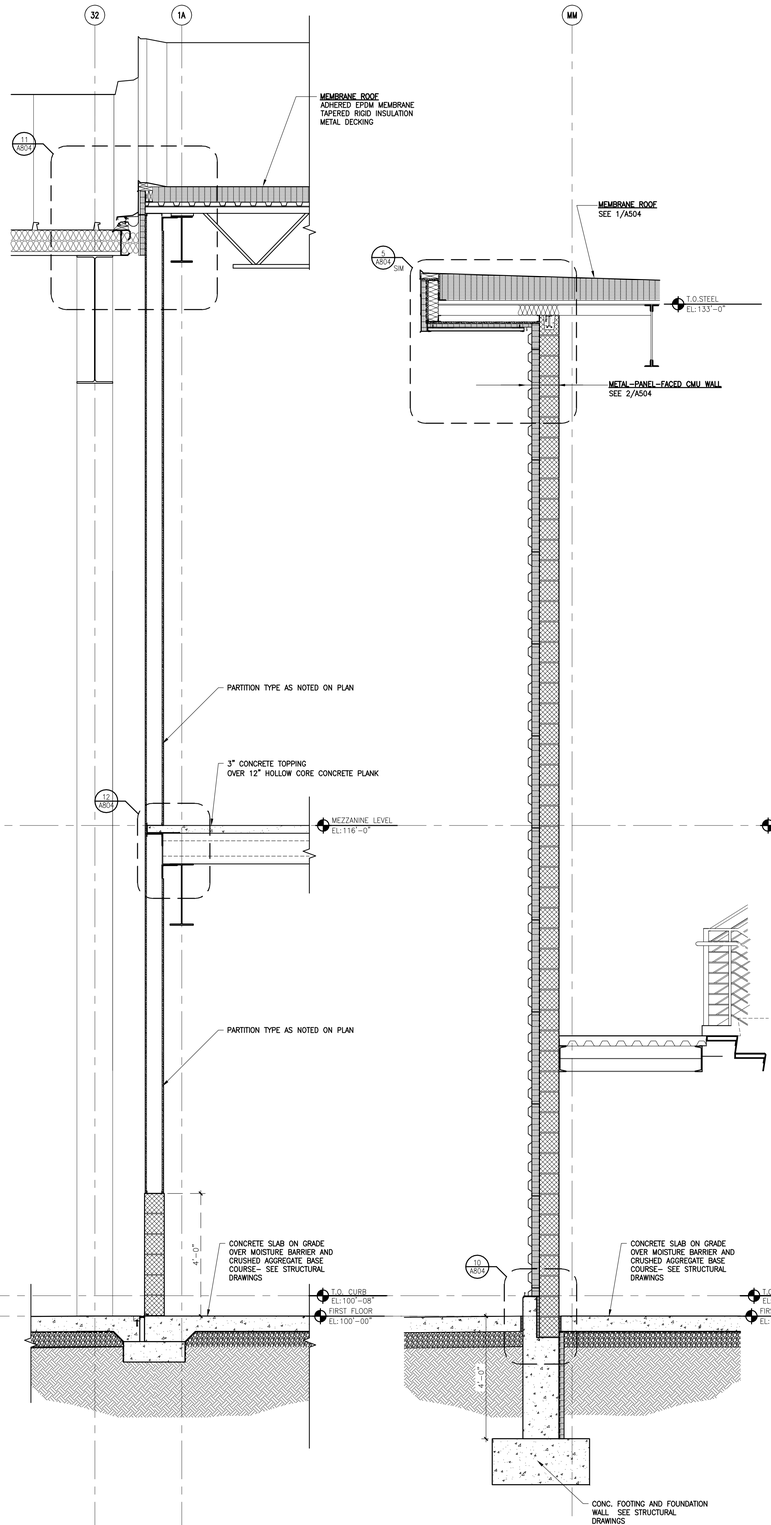
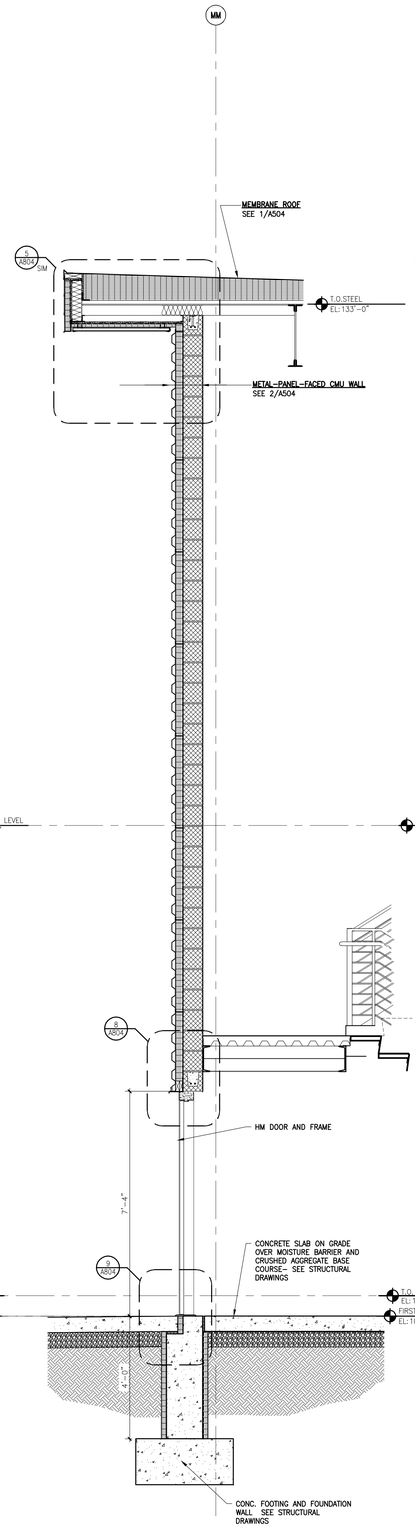


1 A504 WALL SECTION
SCALE: 1/2"=1'-0"

2 A504 WALL SECTION
SCALE: 1/2"=1'-0"



3 A504 WALL SECTION
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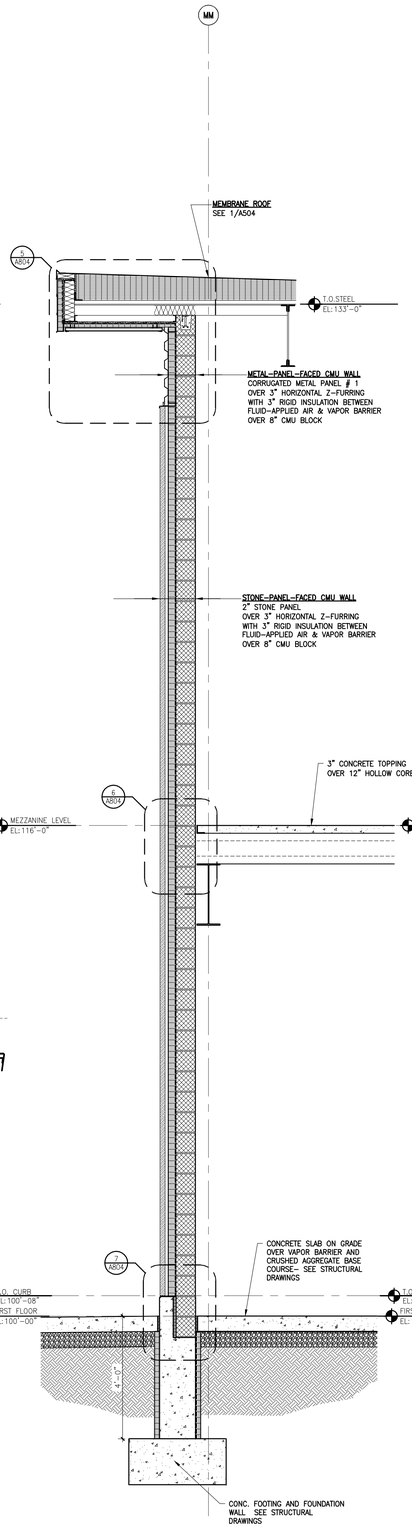

4 A504 WALL SECTION
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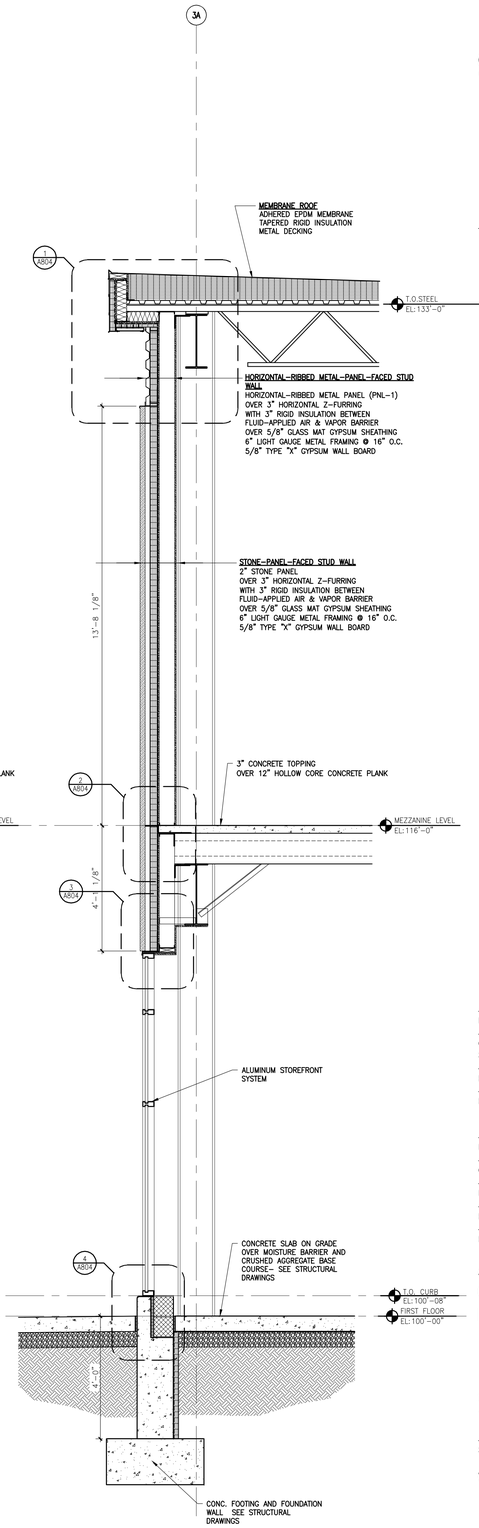

5 A504 WALL SECTION
SCALE: 1/2"=1'-0"

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PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

WALL SECTIONS

SHEET NO.

A504

CARLOS RUIZ 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_20-A504.DWG
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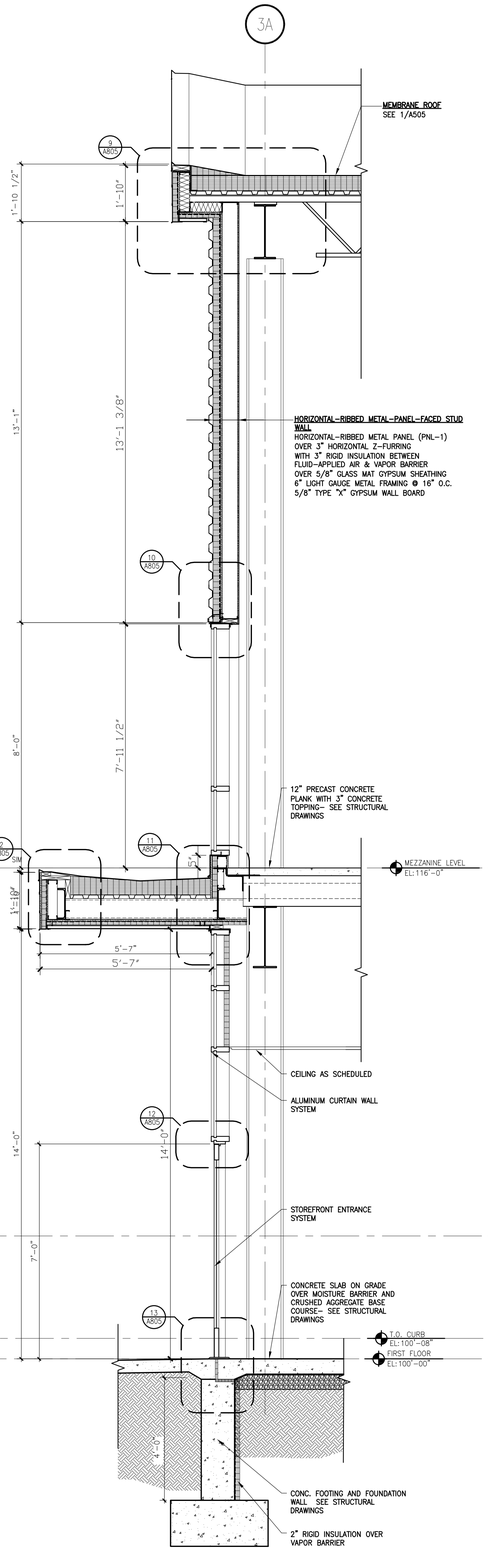

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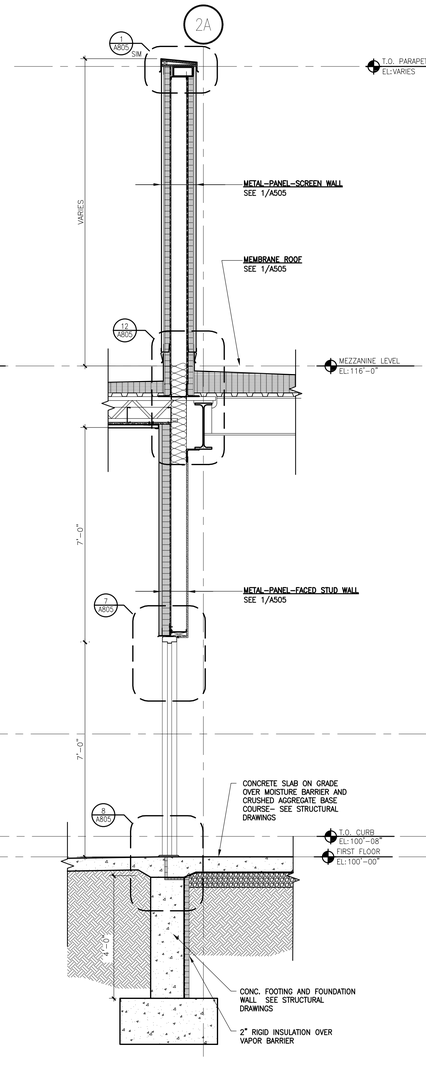

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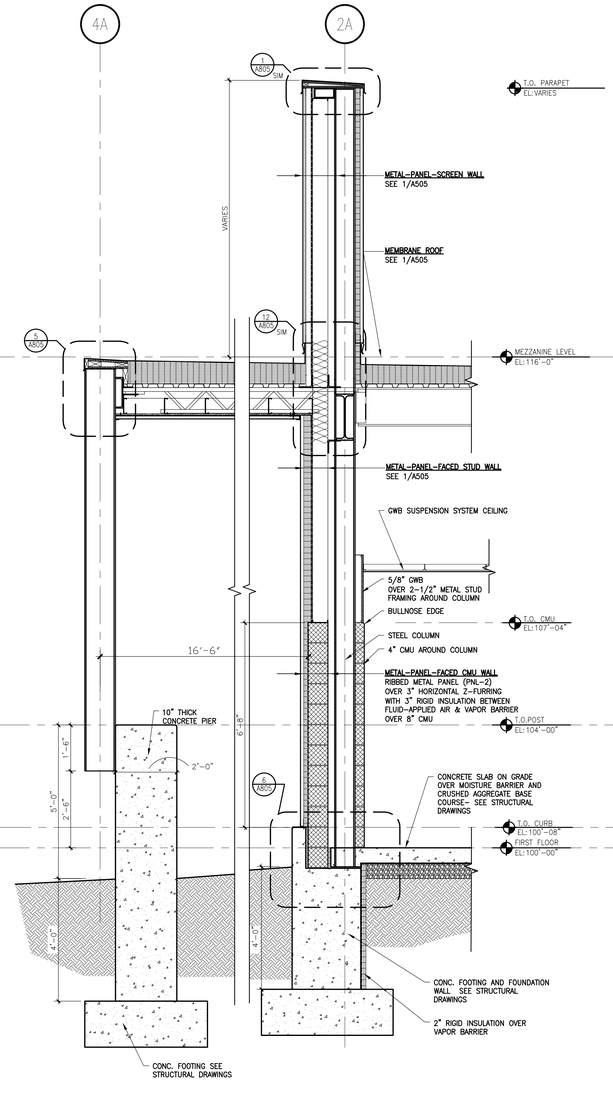

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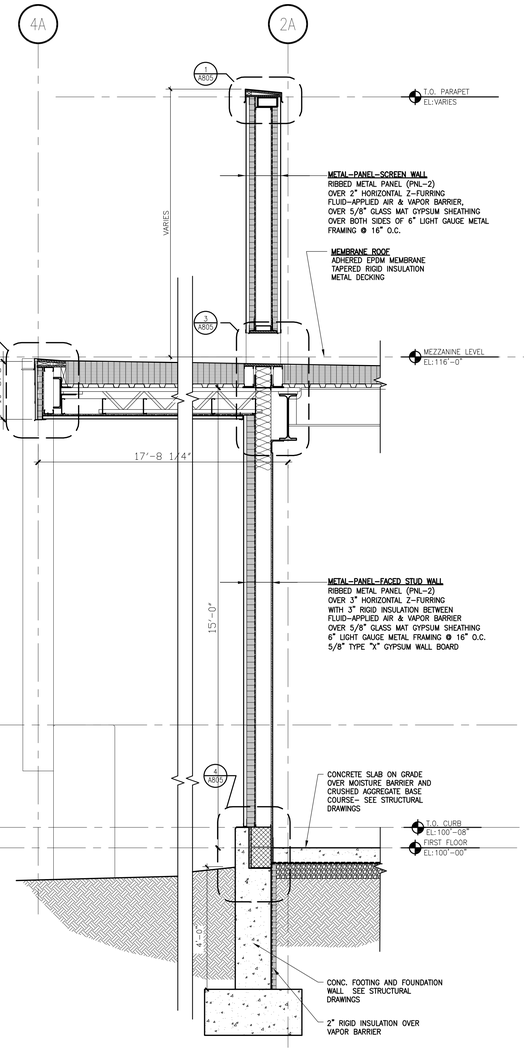

4 A505 WALL SECTION
SCALE: 1/2"=1'-0"

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

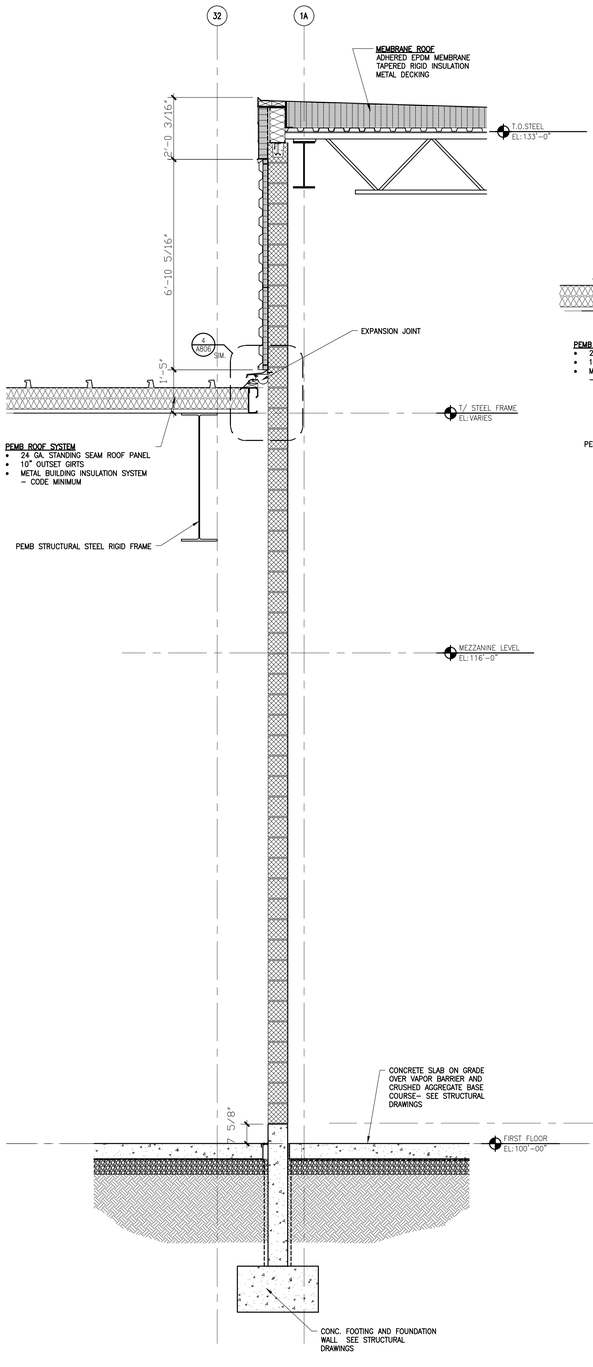
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

WALL SECTIONS

SHEET NO.
A505

JUSTIN.BALLWEG 2006-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A505.DWG



5 A506 WALL SECTION
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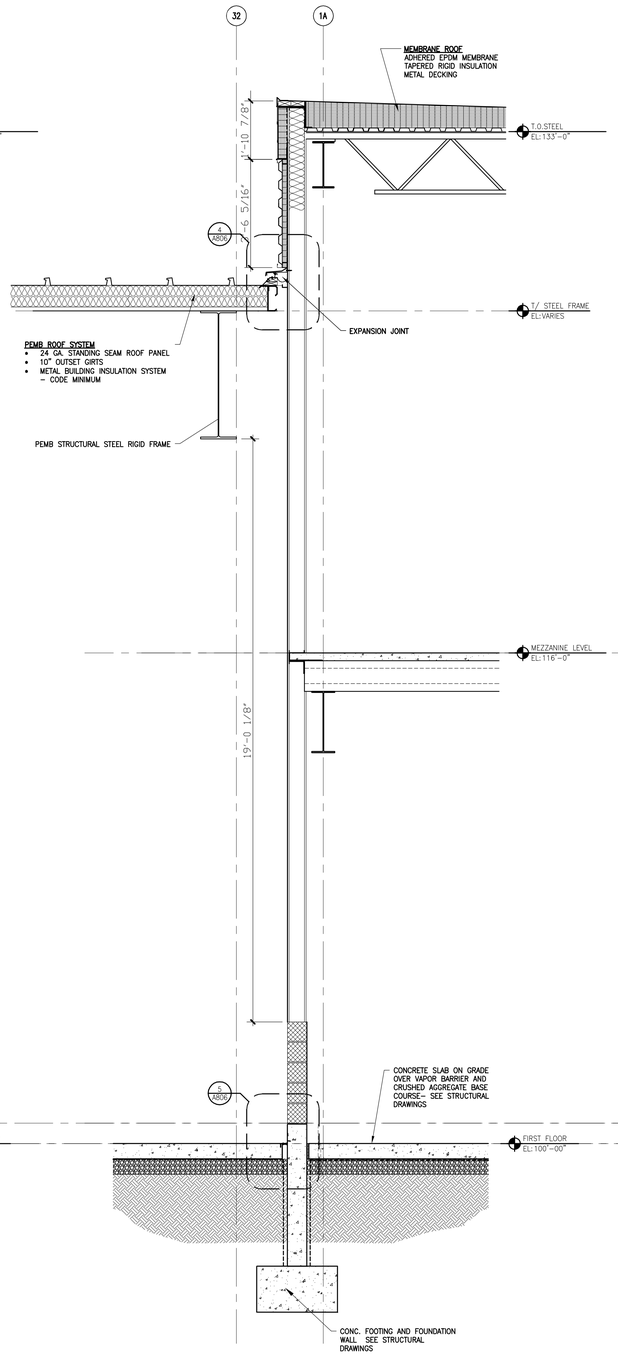

4 A506 WALL SECTION
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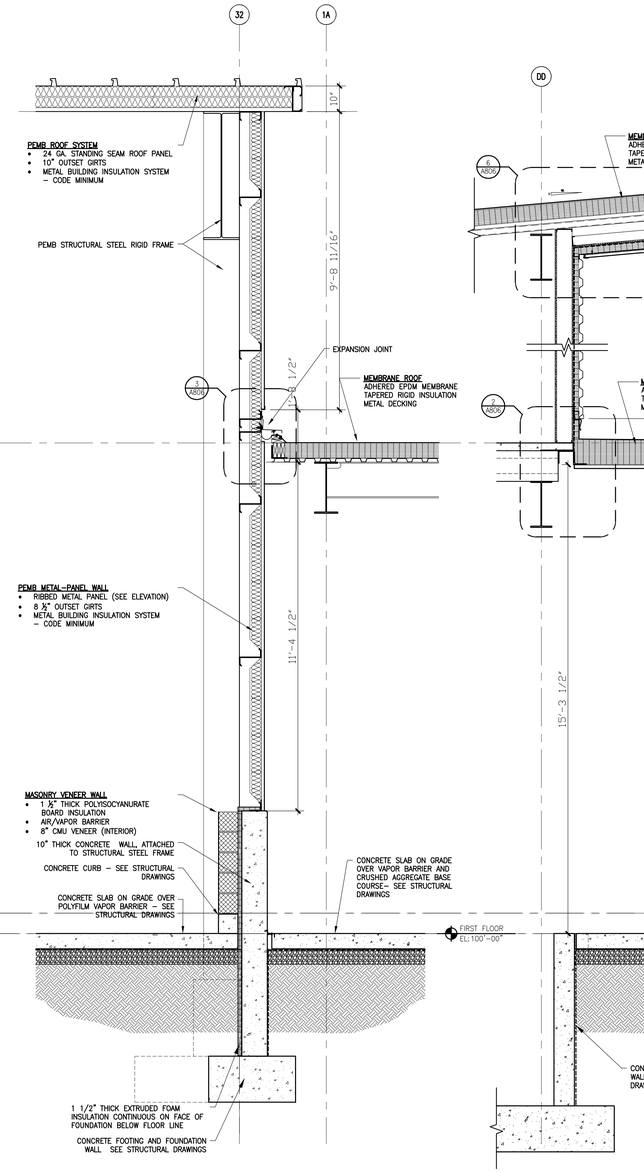

3 A506 WALL SECTION
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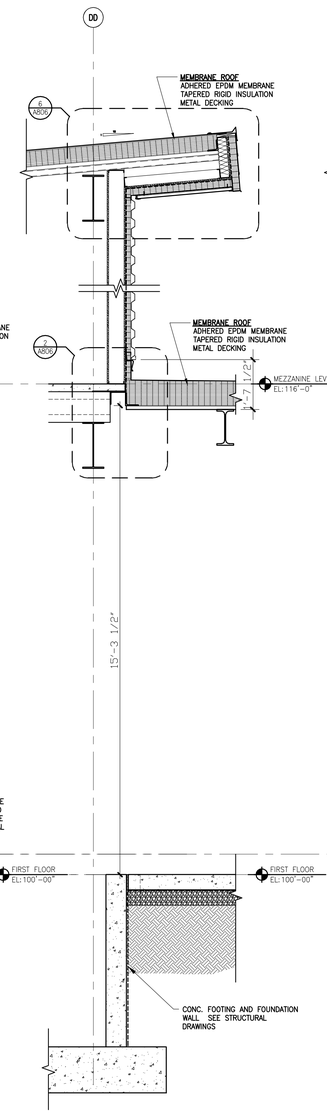
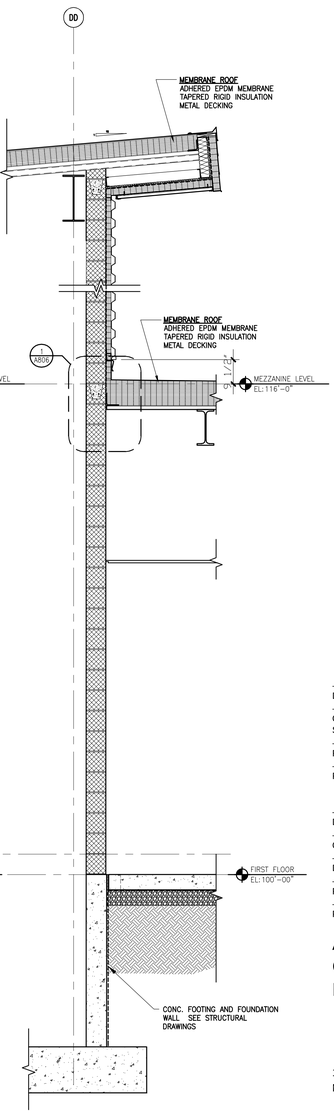


2 A506 WALL SECTION
SCALE: 1/2"=1'-0"



1 A506 WALL SECTION
SCALE: 1/2"=1'-0"

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

WALL SECTIONS

SHEET NO.

A506

CARLOS RUIZ 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A506.DWG
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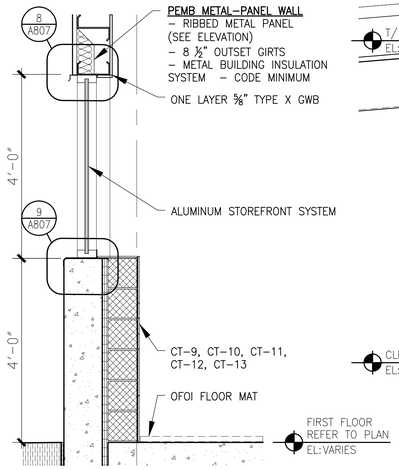
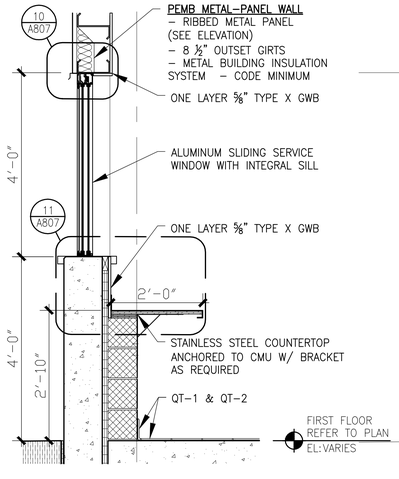
ref 3003_02 v 4.dgn



4 A507 WALL SECTION

SCALE: 3/4"=1'–0"



4A A507 WALL SECTION

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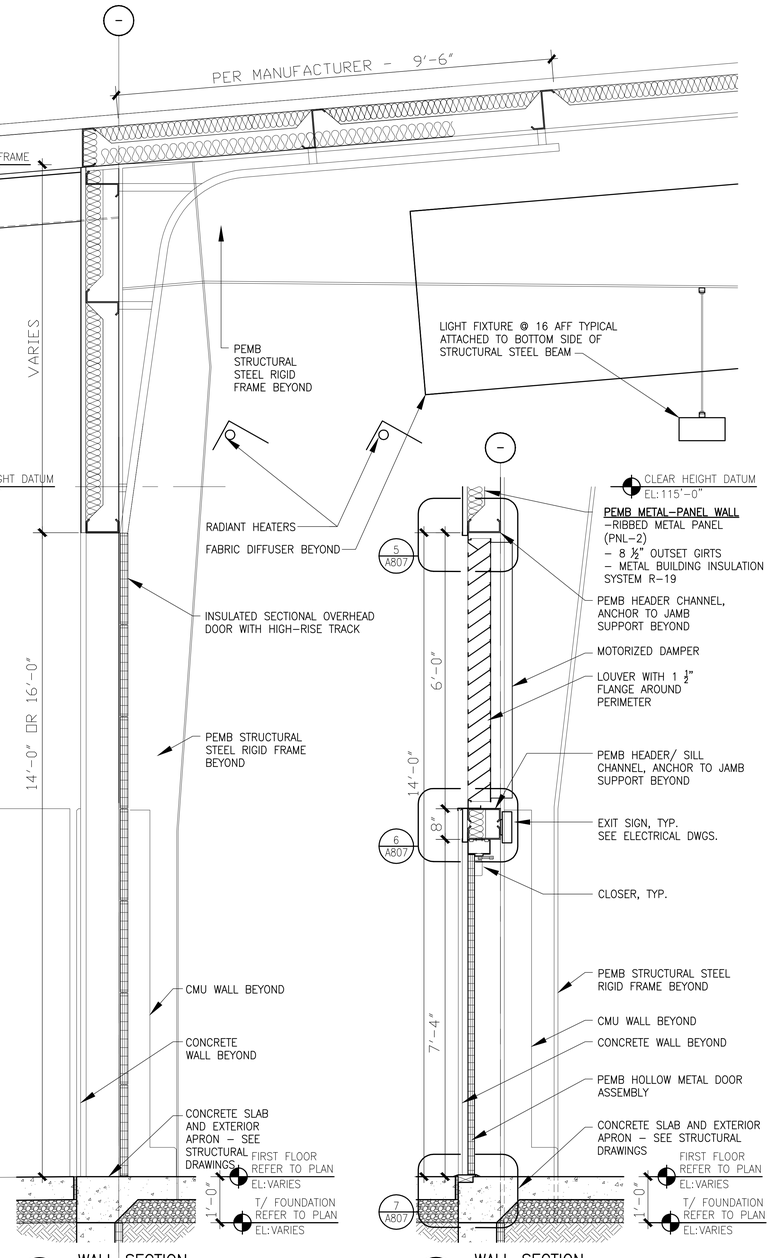
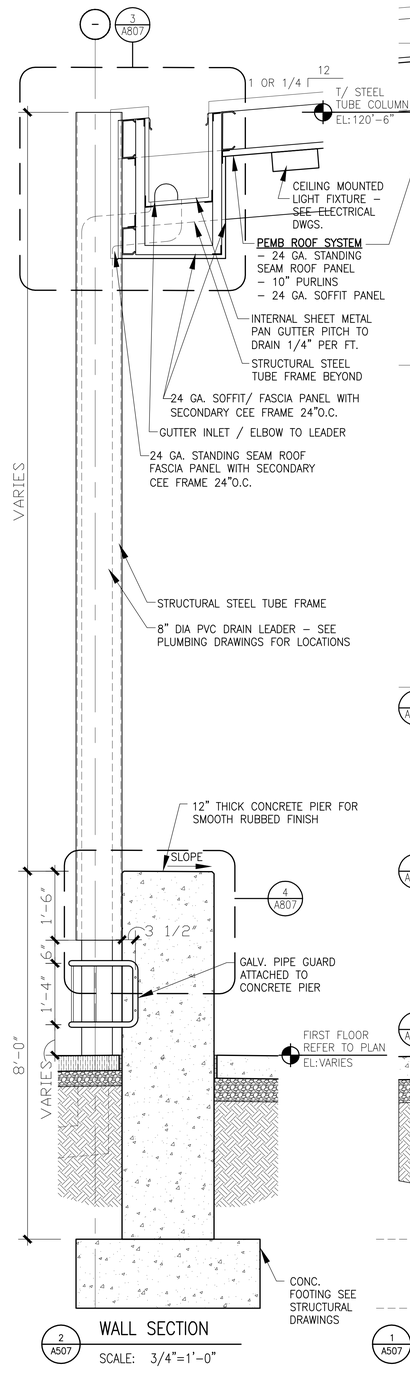


3A A507 WALL SECTION

SCALE: 3/4"=1'–0"

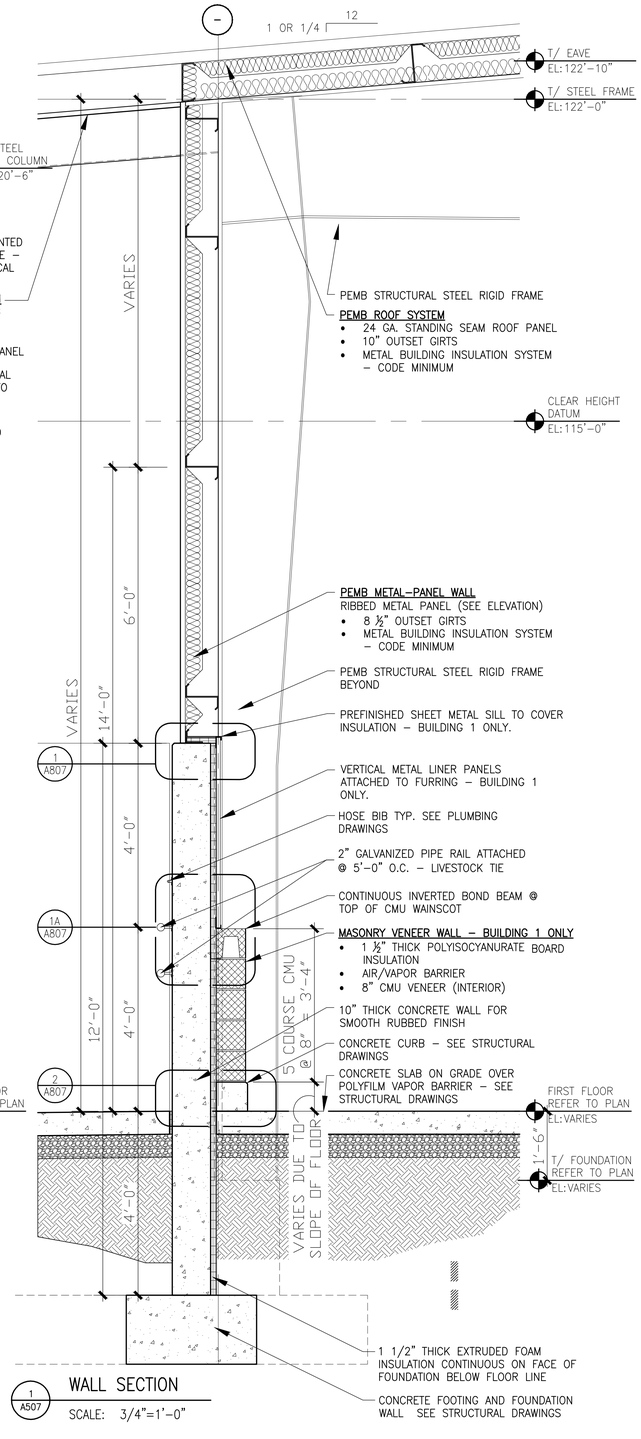
3 A507 WALL SECTION

SCALE: 3/4"=1'–0"



2 A507 WALL SECTION

SCALE: 3/4"=1'–0"



1 A507 WALL SECTION

SCALE: 3/4"=1'–0"

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

STRANG INC.
6411 MINERAL POINT ROAD
MADISON, WI 53705–4395

T/ 608 276 9200
F/ 608 276 9204

DRAWING SET	CD
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FILE NAME	2013027_02-A507.DWG
REVISIONS	
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CHECKED	RG
DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

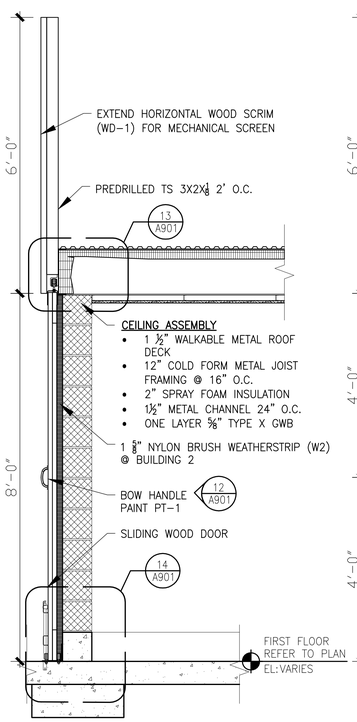
SHEET TITLE

WALL SECTIONS

SHEET NO.

A507

MARK BASTIAN 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A507.DWG



7 A508 WALL SECTION

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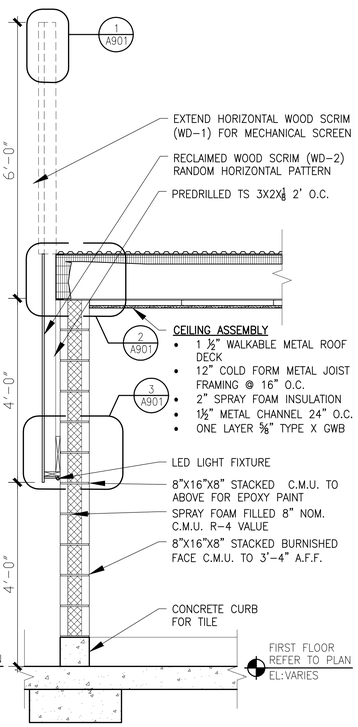

6 A508 WALL SECTION

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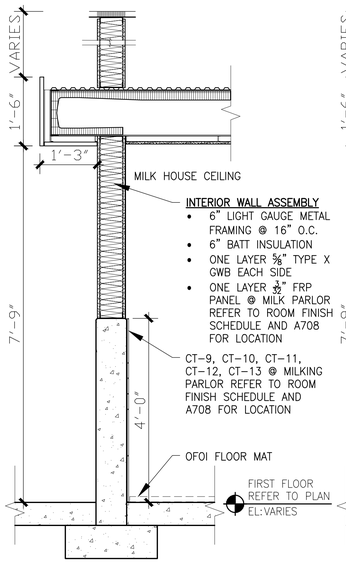

5 A508 WALL SECTION

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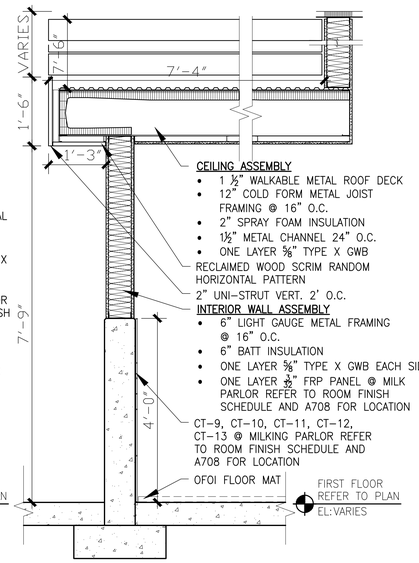

4 A508 WALL SECTION

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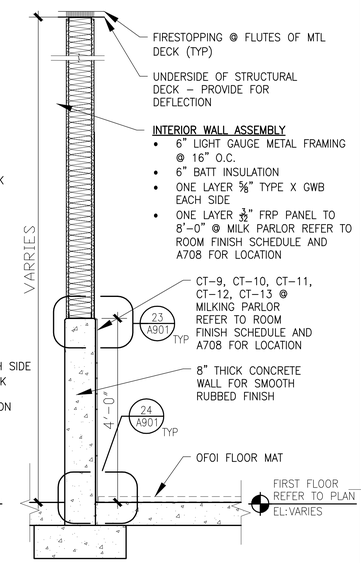

3 A508 WALL SECTION

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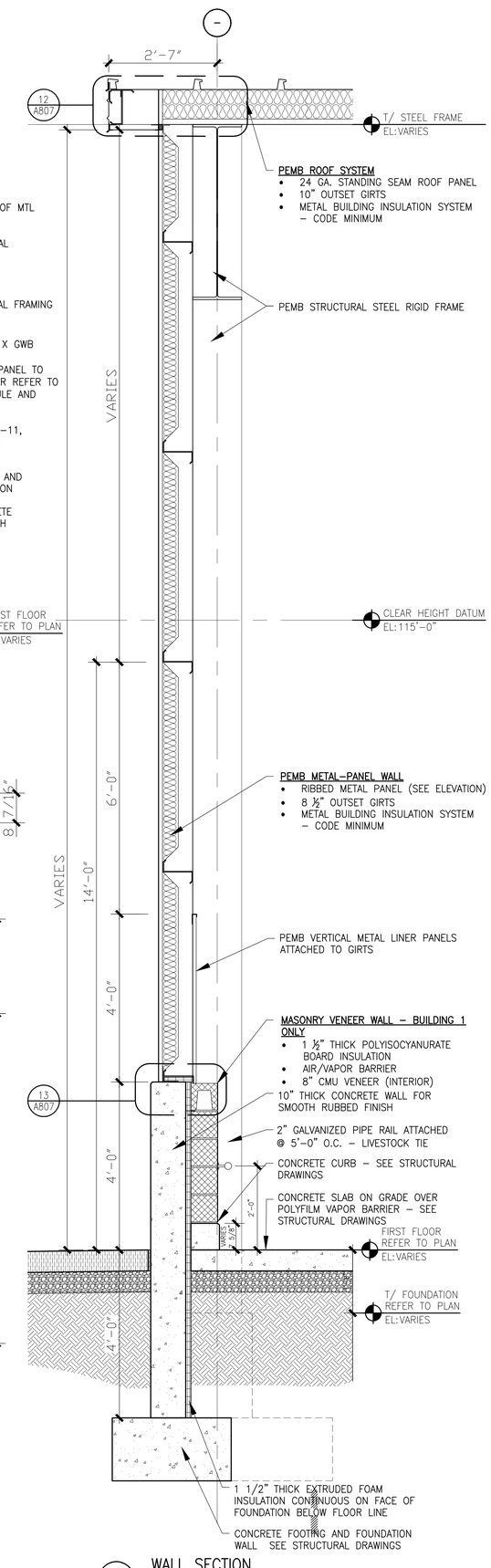

1 A508 WALL SECTION

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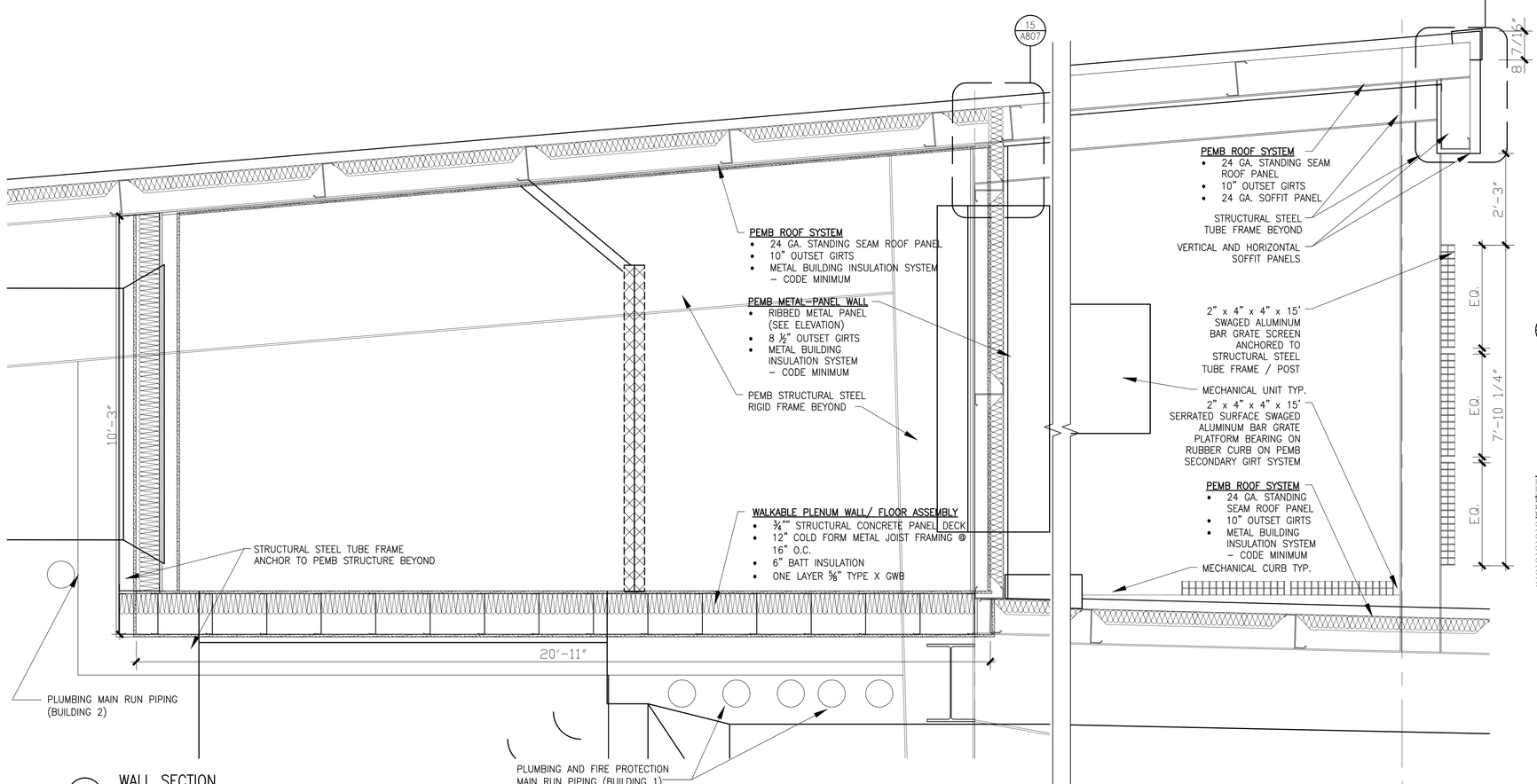

2 A508 WALL SECTION

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

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

STRANG INC.
6411 MINERAL POINT ROAD
MADISON, WI 53705-4395

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

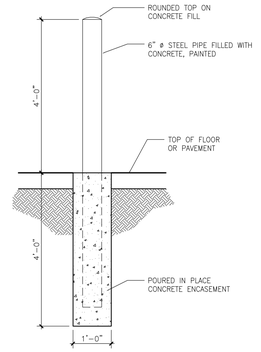
SHEET TITLE

WALL SECTIONS

SHEET NO.

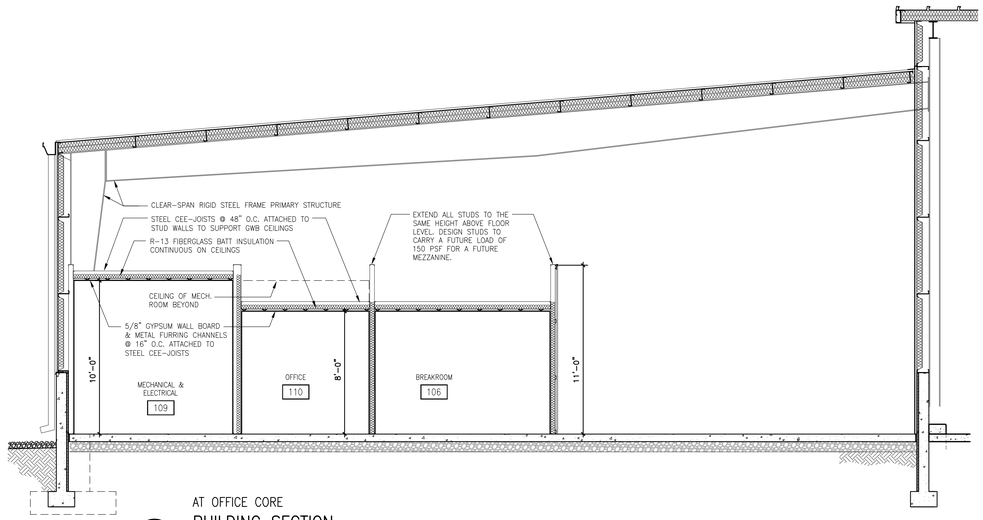
A508

MARK BASTIAN 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A508.DWG



8 / A509 BOLLARD SECTION

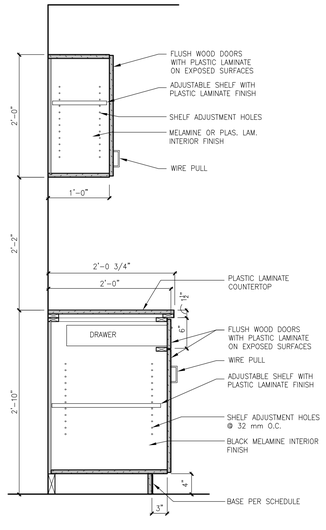
SCALE: NONE



AT OFFICE CORE

7 / A509 BUILDING SECTION

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

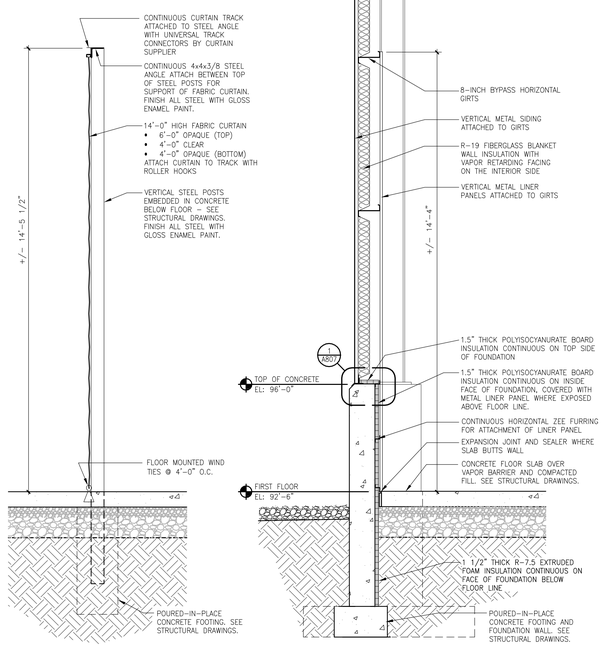


6 / A509 CABINETRY SECTION

SCALE: 1" = 1'-0"

5 / A509 NOT USED

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

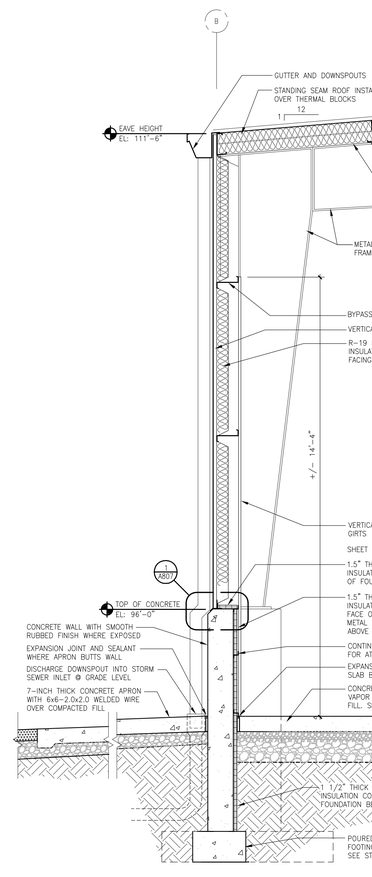


4 / A509 WALL SECTION

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

3 / A509 WALL SECTION

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



2 / A509 WALL SECTION

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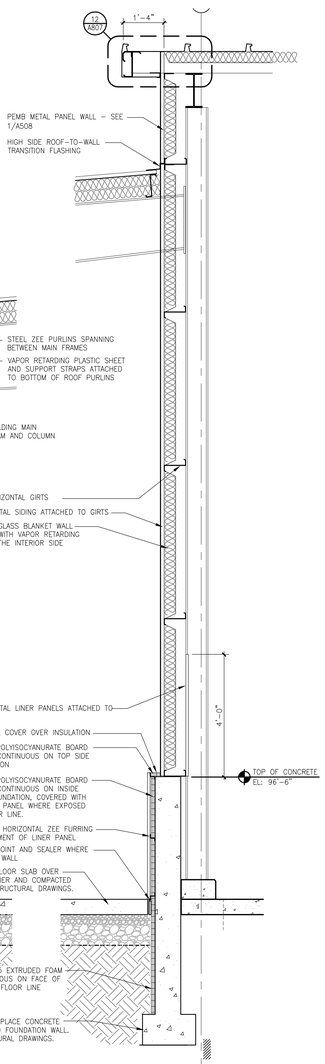

1 / A509 WALL SECTION

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

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MADISON, WI 53705-4395

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

WALL SECTIONS, DETAILS

SHEET NO.

A509

last SAV: 2013027_02-A507
last PLT: 2013027_02-A509
XREF: 2013027_02-A000
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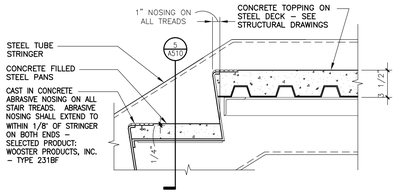
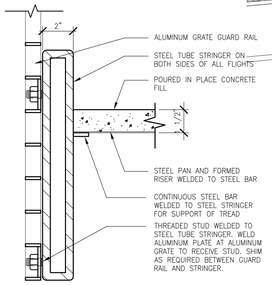
JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A509.DWG



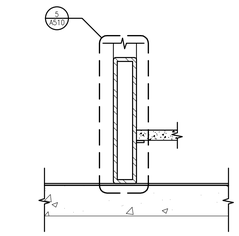
4 A510 SECTION @ TOP STEP

SCALE: 1 1/2" = 1'–0"



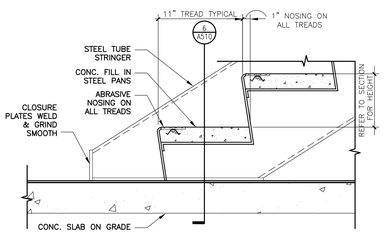
5 A510 TREAD CONN. TO STRINGER

SCALE: 3" = 1'–0"



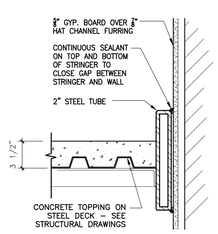
6 A510 SECTION @ FIRST STEP

SCALE: 1 1/2" = 1'–0"



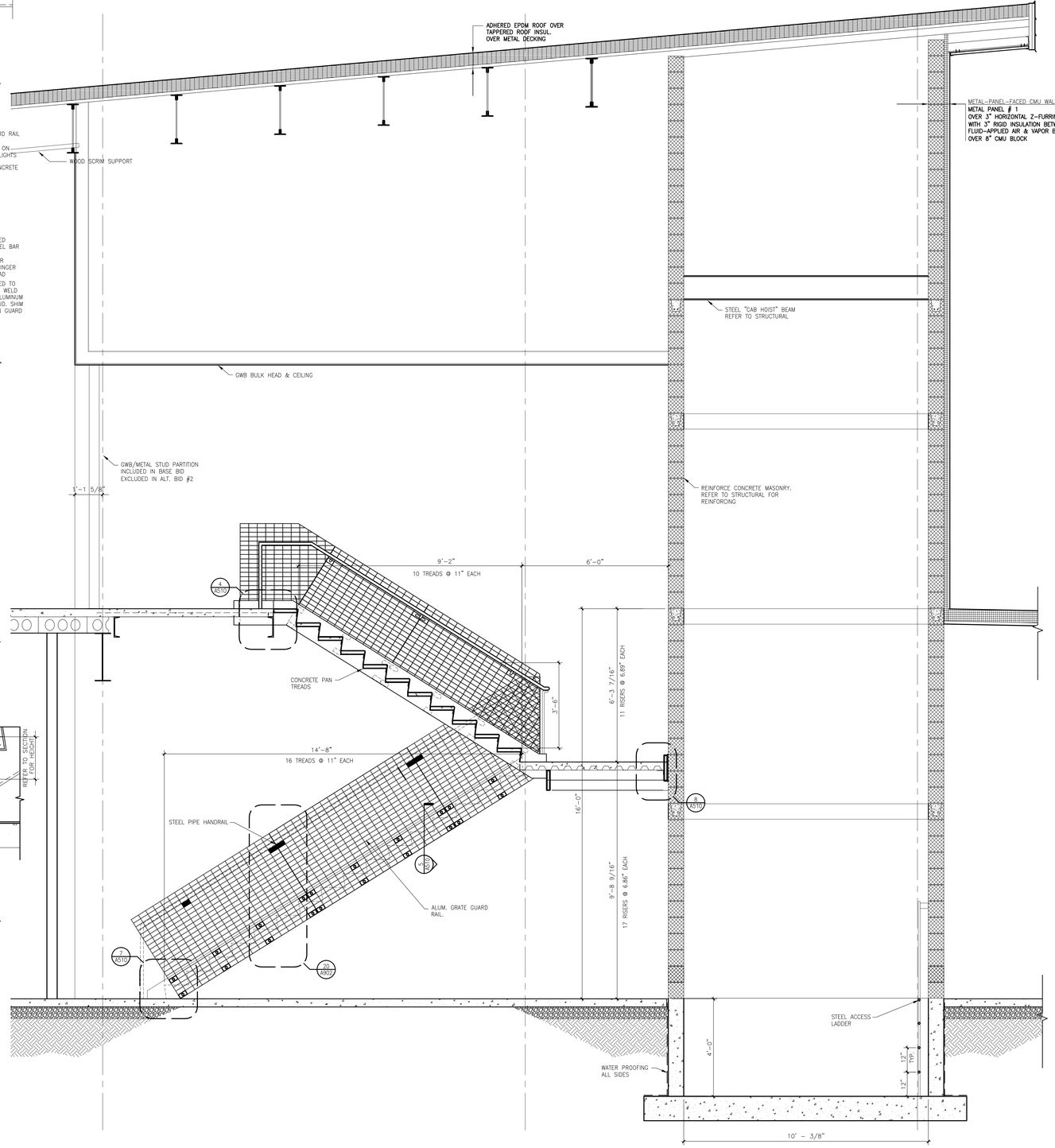
7 A510 SECTION @ FIRST STEP

SCALE: 1 1/2" = 1'–0"



8 A510 SECTION @ LANDING

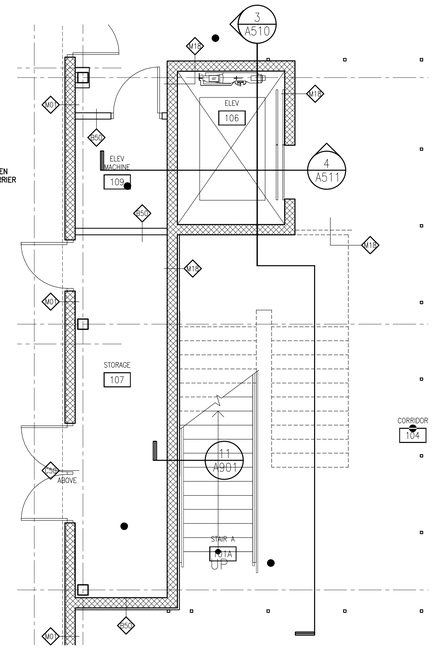
SCALE: 1 1/2" = 1'–0"



N 3 A510 SECOND FLOOR PLAN – STAIR A

SCALE: 1/2" = 1'–0"

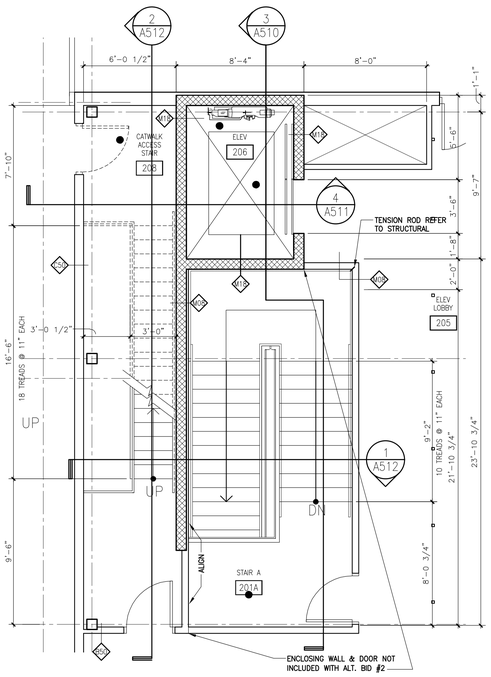
0' 6" 1' 2' 3'



N 1 A510 FIRST FLOOR PLAN – STAIR A

SCALE: 1/4" = 1'–0"

0' 1' 2' 4' 6'



N 2 A510 SECOND FLOOR PLAN – STAIR A

SCALE: 1/4" = 1'–0"

0' 1' 2' 4' 6'

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

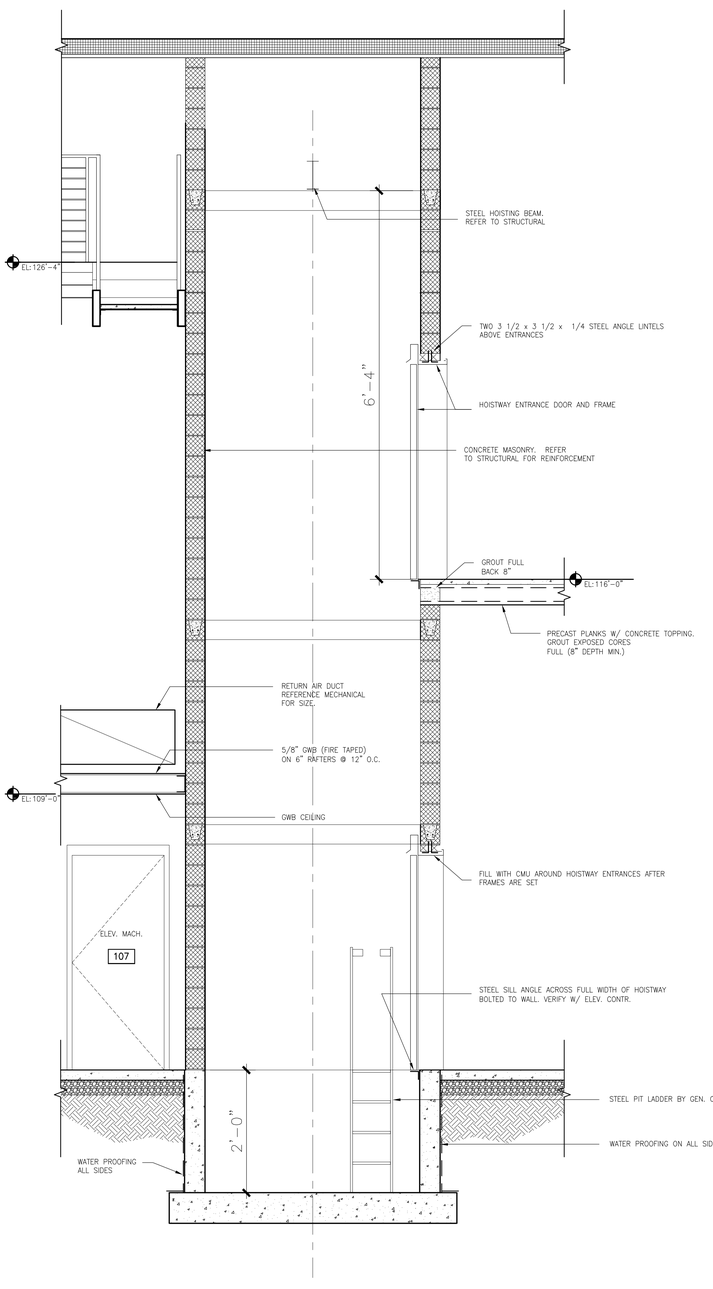
SHEET TITLE

ELEVATOR & STAIR PLANS AND SECTIONS

SHEET NO.

A510

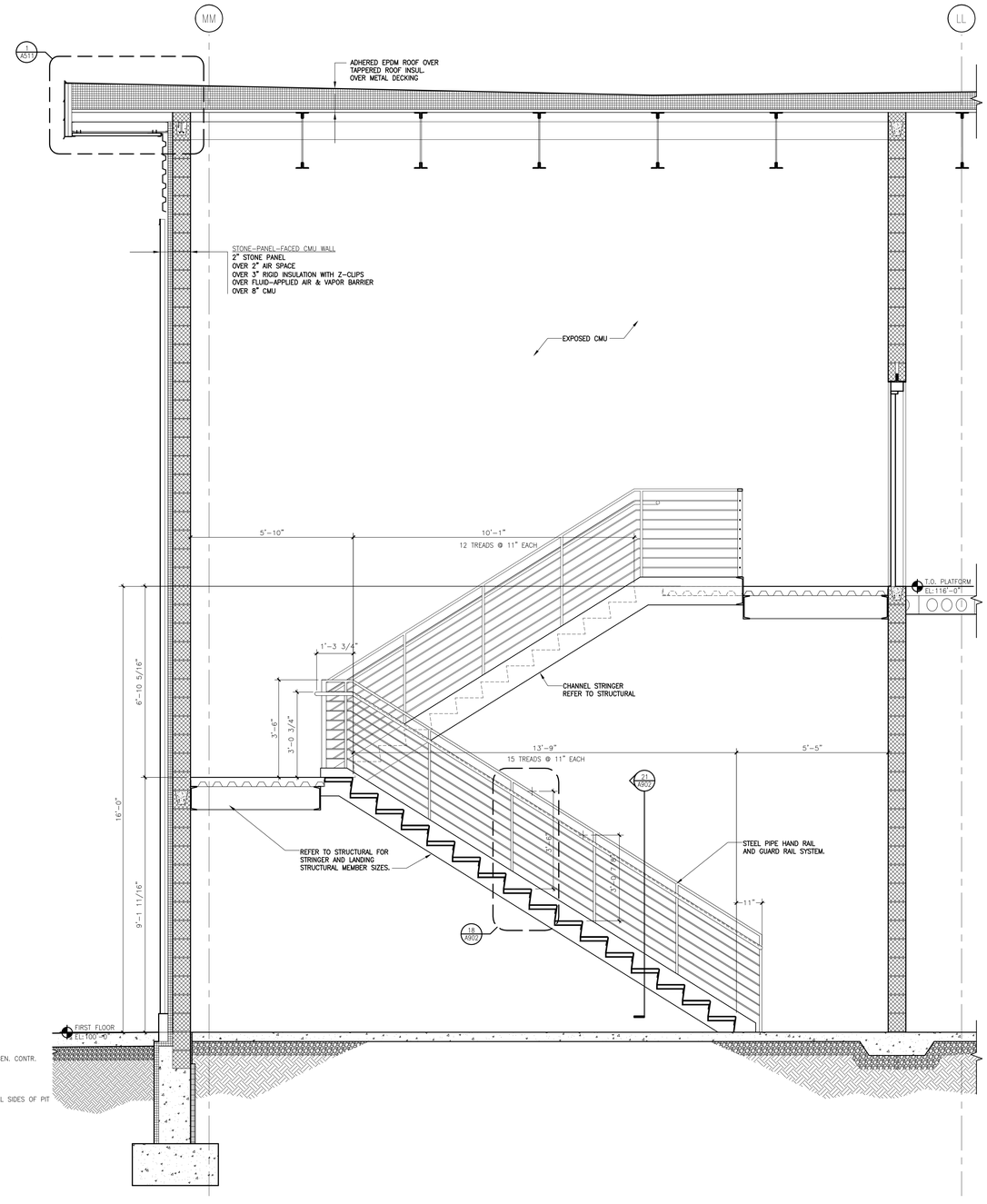
JUSTIN BALLWEG 2009-8-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A510.DWG



4 / A511 ELEVATOR SECTION

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

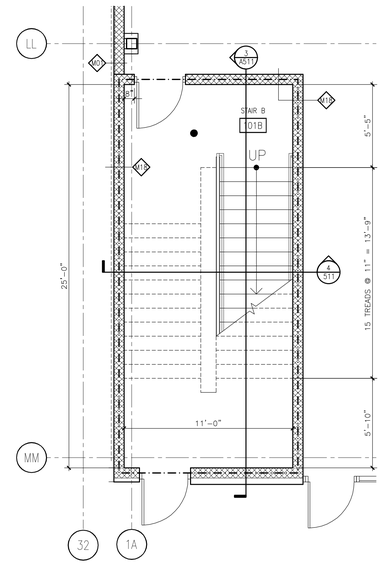
0' 6" 1' 2' 3'



3 / A511 STAIR SECTION – STAIR B

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

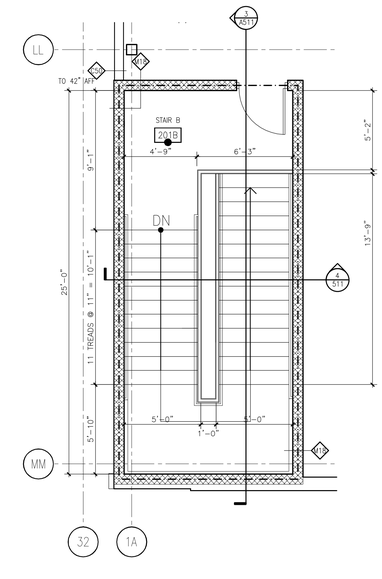
0' 6" 1' 2' 3'



N 1 / A511 FIRST FLOOR PLAN – STAIR B

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

0' 1' 2' 4' 6'



N 2 / A511 SECOND FLOOR PLAN – STAIR B

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

0' 1' 2' 4' 6'

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PROJECT TITLE

ALLIANT ENERGY
CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

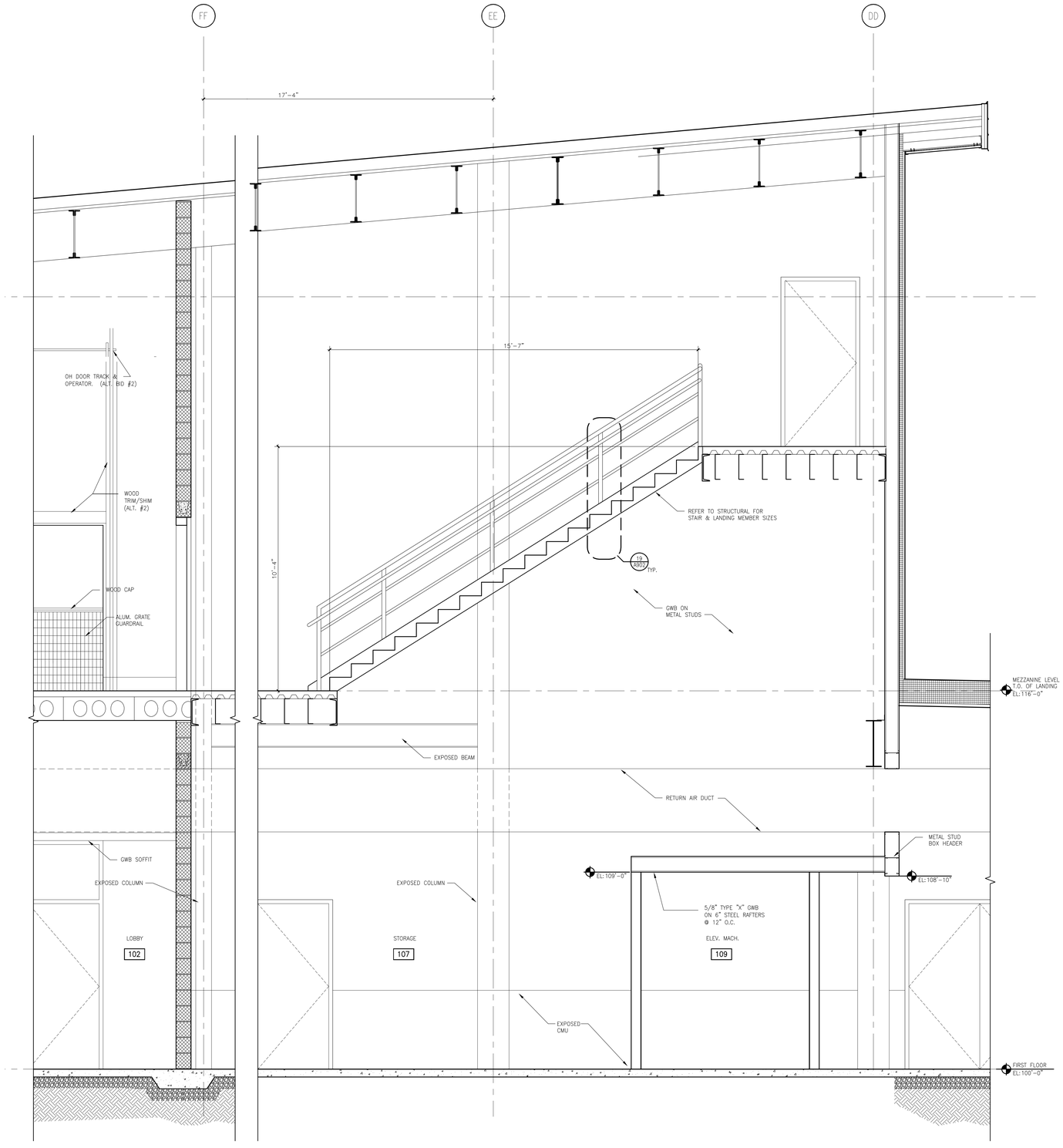
SHEET TITLE

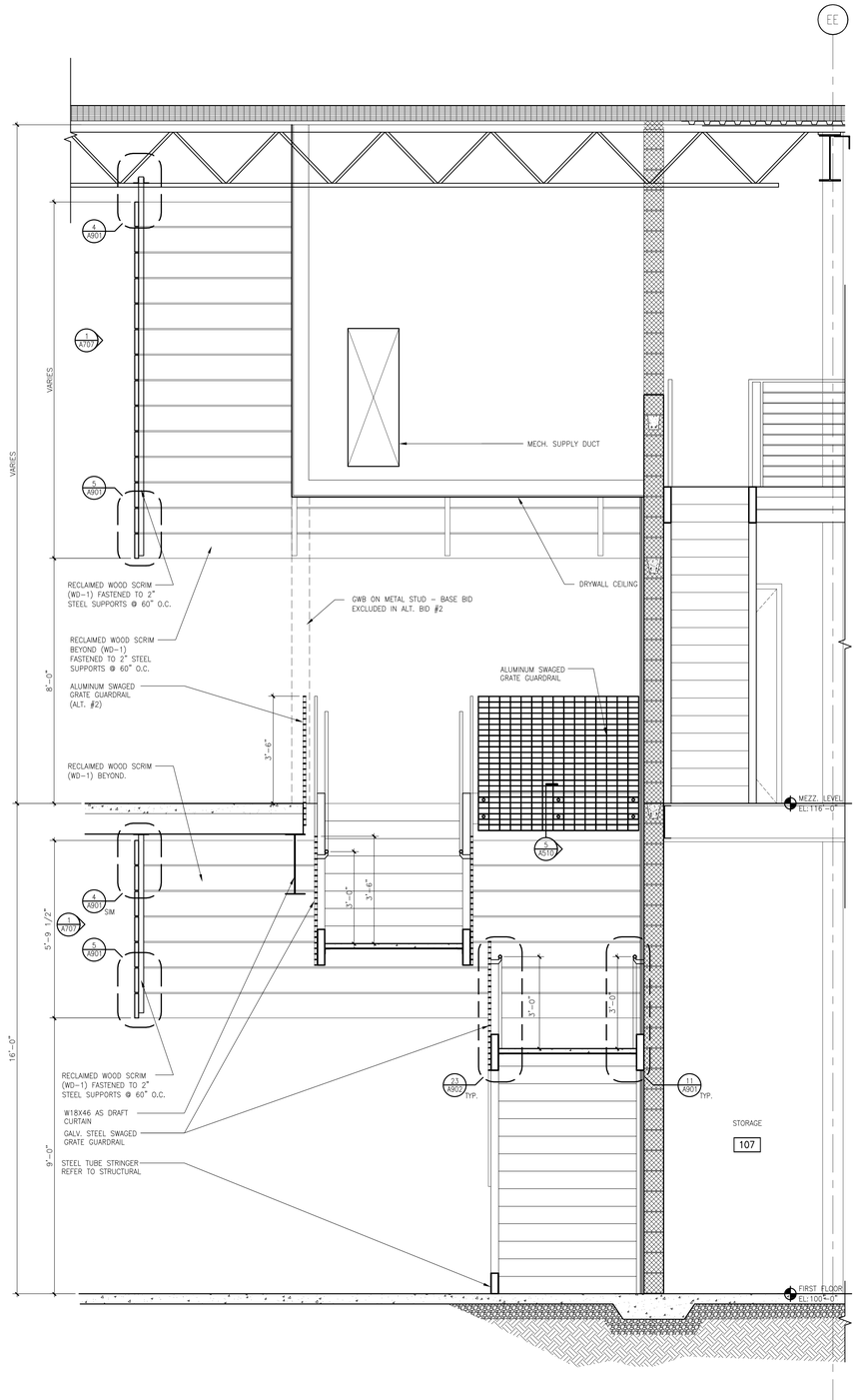
ELEVATOR,
STAIR PLANS,
SECTIONS & DETAILS

SHEET NO.

A511

JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A511.DWG





2 A512 STAIR SECTION – STAIR C

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

0' 6" 1' 2' 3'

1 A512 STAIR SECTION – STAIR A

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

0' 6" 1' 2' 3'

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

STAIR SECTIONS

SHEET NO.

A512

Xref Last: 2013-07-29 14:19:36
2013027_02-A512.DWG
2013027_02-A512-XREF.DGNDWG

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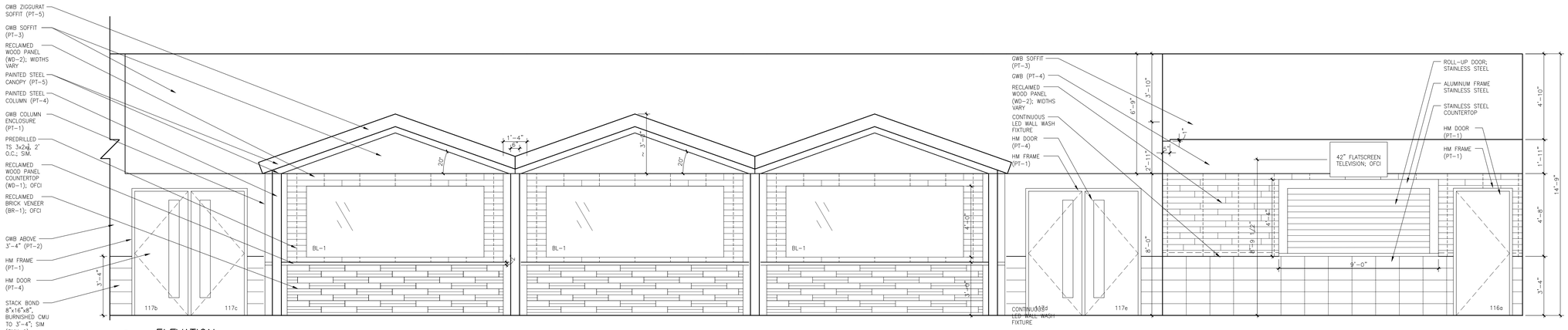
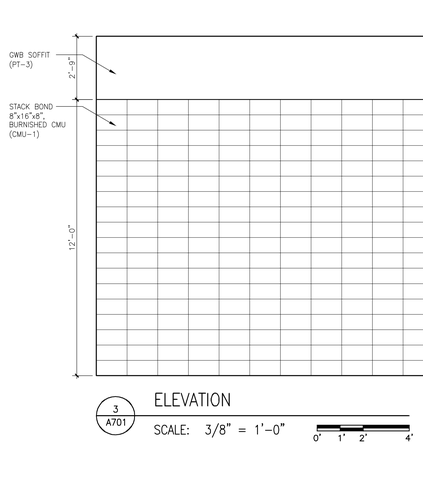


1 A701 ELEVATION

SCALE: 3/8" = 1'-0"

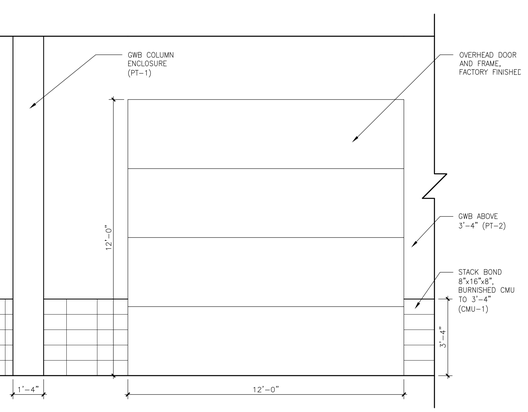
0' 1' 2' 4'

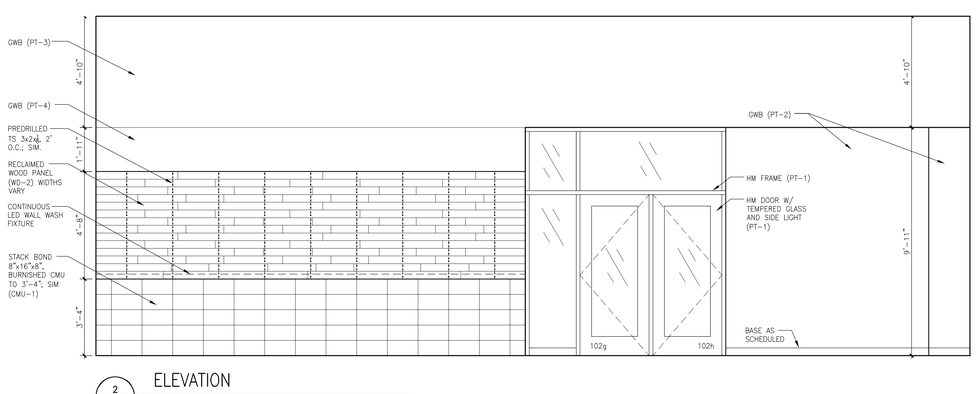


3 A701 ELEVATION

SCALE: 3/8" = 1'-0"

0' 1' 2' 4'

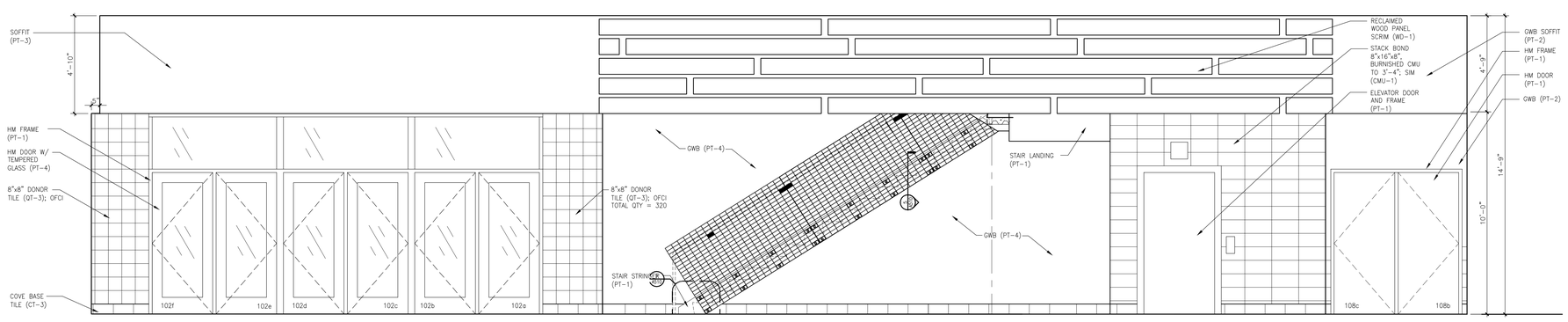




2 A701 ELEVATION

SCALE: 3/8" = 1'-0"

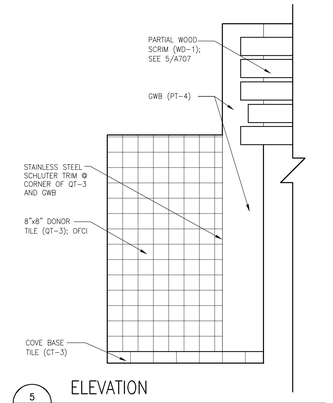
0' 1' 2' 4'



4 A701 ELEVATION

SCALE: 3/8" = 1'-0"

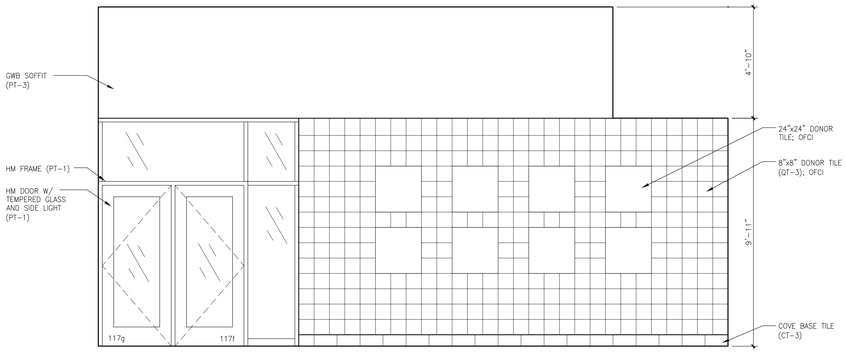
0' 1' 2' 4'



5 A701 ELEVATION

SCALE: 3/8" = 1'-0"

0' 1' 2' 4'



6 A701 ELEVATION

SCALE: 3/8" = 1'-0"

0' 1' 2' 4'

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

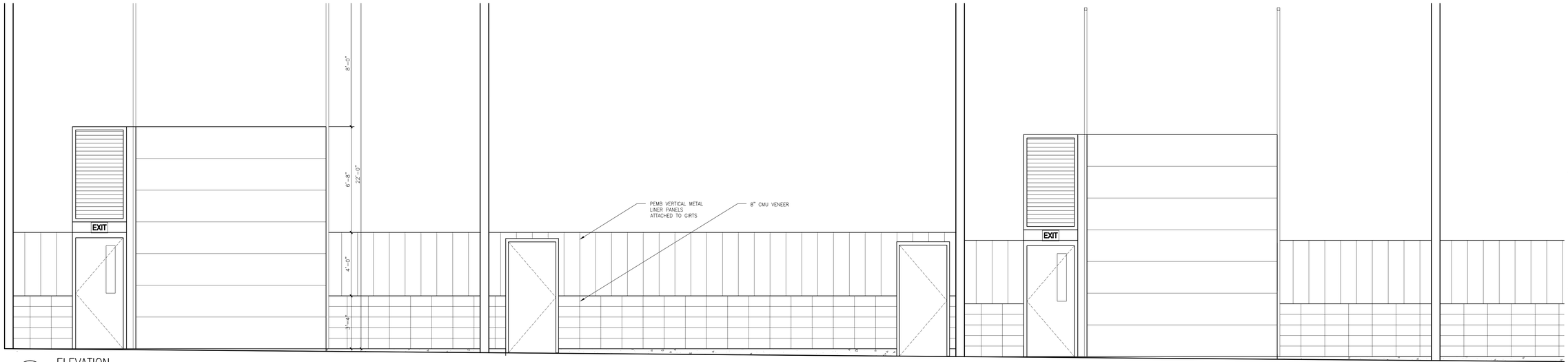
SHEET TITLE

INTERIOR ELEVATIONS

SHEET NO.

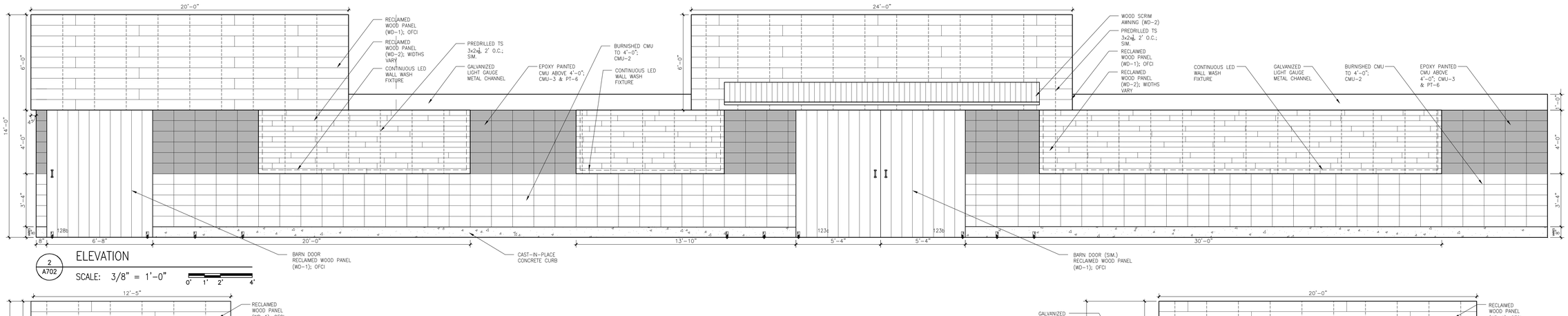
A701

KRISTA CRUM 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A701.DWG
last SAV: 2013-07-31 4:16:36PM
last PLT: 2013-08-01 8:39:46AM
2013027_02-A-V-ISM SECTIONS



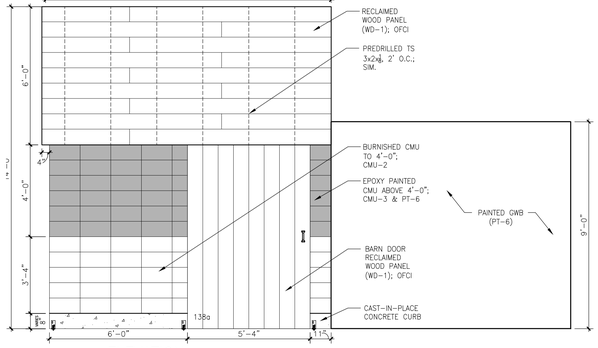
1 / A702 ELEVATION

SCALE: 3/8" = 1'-0"



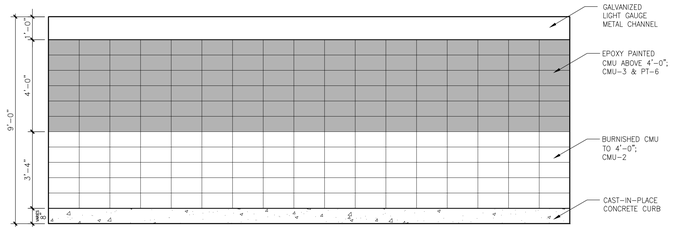
2 / A702 ELEVATION

SCALE: 3/8" = 1'-0"



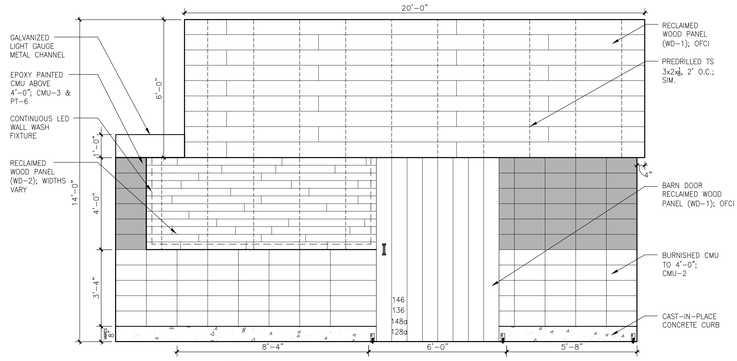
5 / A702 ELEVATION

SCALE: 3/8" = 1'-0"



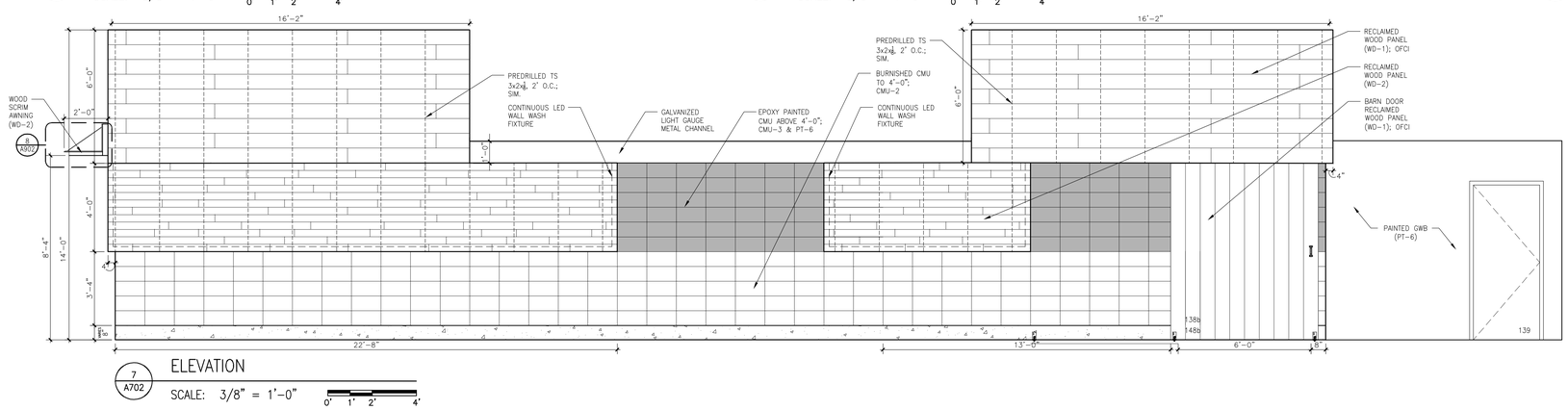
4 / A702 ELEVATION

SCALE: 3/8" = 1'-0"



3 / A702 ELEVATION

SCALE: 3/8" = 1'-0"



7 / A702 ELEVATION

SCALE: 3/8" = 1'-0"

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

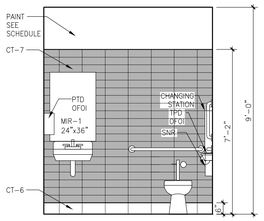
SHEET TITLE

INTERIOR ELEVATIONS

SHEET NO.

A702

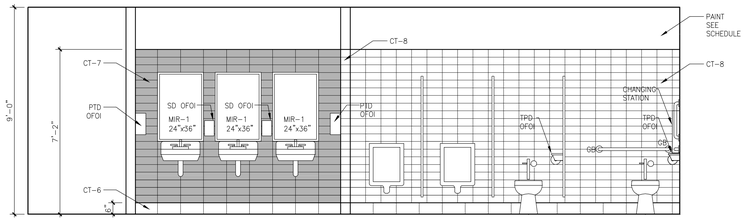
KRISTA CRUM 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A702.DWG



PRE-FUNCTION
FAMILY RESTROOM ELEVATION

3 / A703

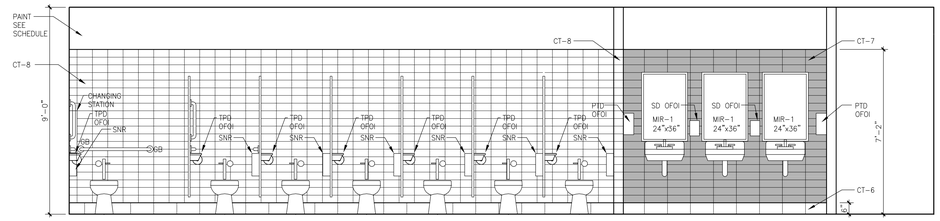
SCALE: 3/8" = 1'-0"



PRE-FUNCTION
MEN'S RESTROOM ELEVATION

2 / A703

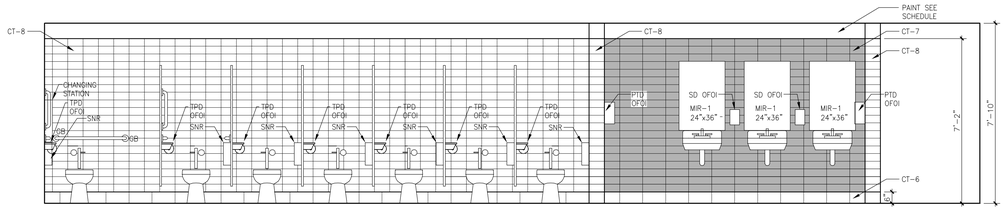
SCALE: 3/8" = 1'-0"



PRE-FUNCTION
WOMEN'S RESTROOM ELEVATION

1 / A703

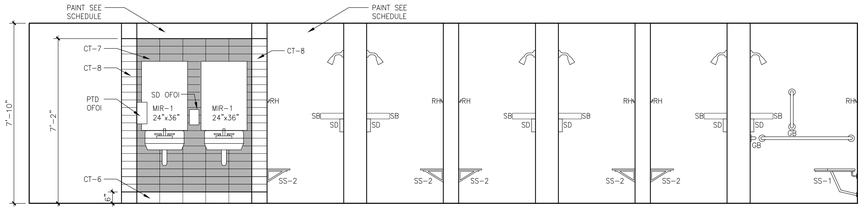
SCALE: 3/8" = 1'-0"



PAVILION – 126
WOMEN'S RESTROOM ELEVATION

5 / A703

SCALE: 3/8" = 1'-0"



PAVILION – 121
SHOWER ELEVATION

4 / A703

SCALE: 3/8" = 1'-0"

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MADISON, WI 53705-4395

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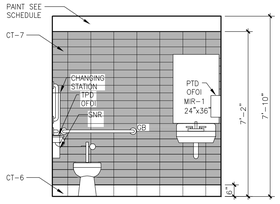
GENERAL NOTES

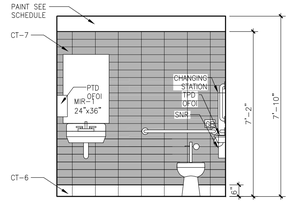
1. PROVIDE 18 GA. SHEET METAL STRAPPING BY 6" WIDE AT ALL WALL MOUNTED ITEMS LOCATED ON GWB OVER METAL STUDS.
2. RECESSED GARBAGE RECEPTACLE TO BE INSTALLED UNDER EVERY PTD LOCATION



PAVILION – 134
FAMILY RESTROOM ELEVATION

8 / A703

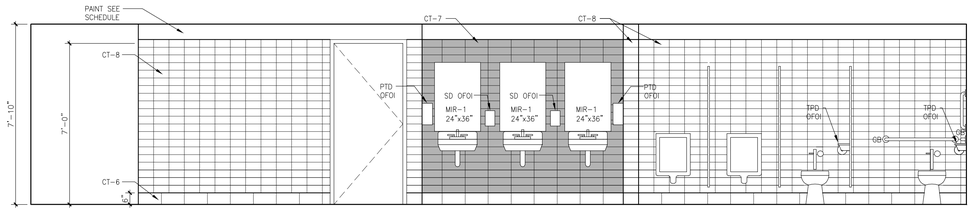
SCALE: 3/8" = 1'-0"



PAVILION – 124
FAMILY RESTROOM ELEVATION

7 / A703

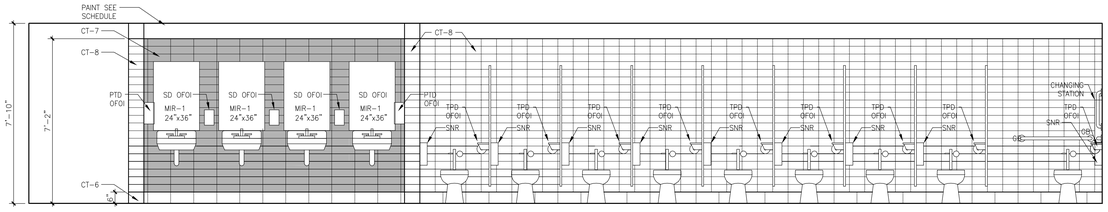
SCALE: 3/8" = 1'-0"



PAVILION – 127
MEN'S RESTROOM ELEVATION

6 / A703

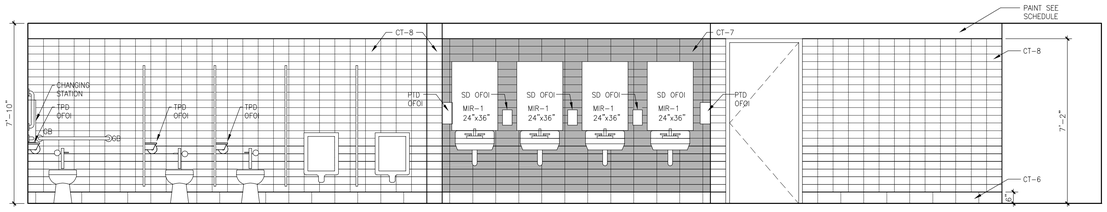
SCALE: 3/8" = 1'-0"



PAVILION – 136
WOMEN'S RESTROOM ELEVATION

10 / A703

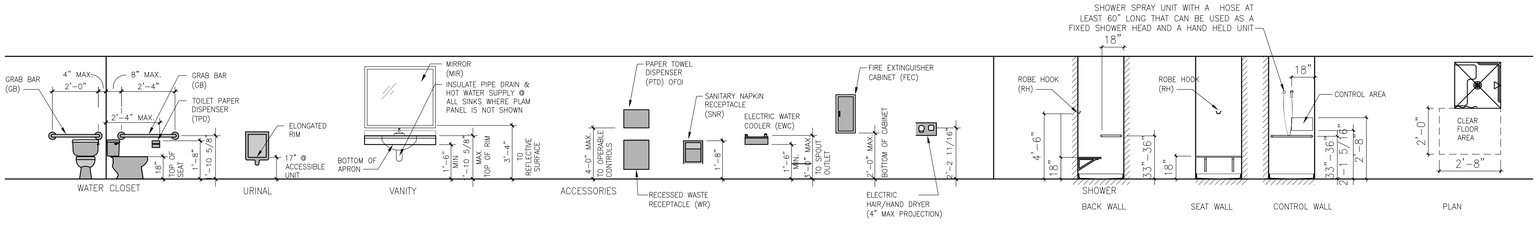
SCALE: 3/8" = 1'-0"



PAVILION – 137
MEN'S RESTROOM ELEVATION

9 / A703

SCALE: 3/8" = 1'-0"

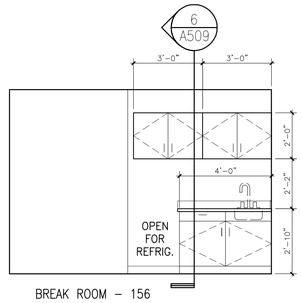


13 / A703

STANDARD MOUNTING HEAIGHTS

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

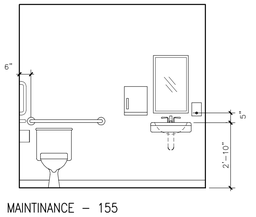
NOTES:
- ALL ITEMS SHOWN ARE NOT NECESSARILY IN THIS PROJECT
- ALL FIXTURE MOUNTING INSTALLATION & CLEARANCE DIMENSIONS SHALL MEET ALL ADA ACCESSIBILITY STANDARDS FROM 27" TO 80" A.F.F. NO ACCESSORY SHALL PROJECT MORE THAN 4" FROM WALL.



BREAK ROOM – 156
INTERIOR ELEVATION

12 / A703

SCALE: 3/8" = 1'-0"



MAINTINANCE – 155
RESTROOM ELEVATION

11 / A703

SCALE: 3/8" = 1'-0"

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DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

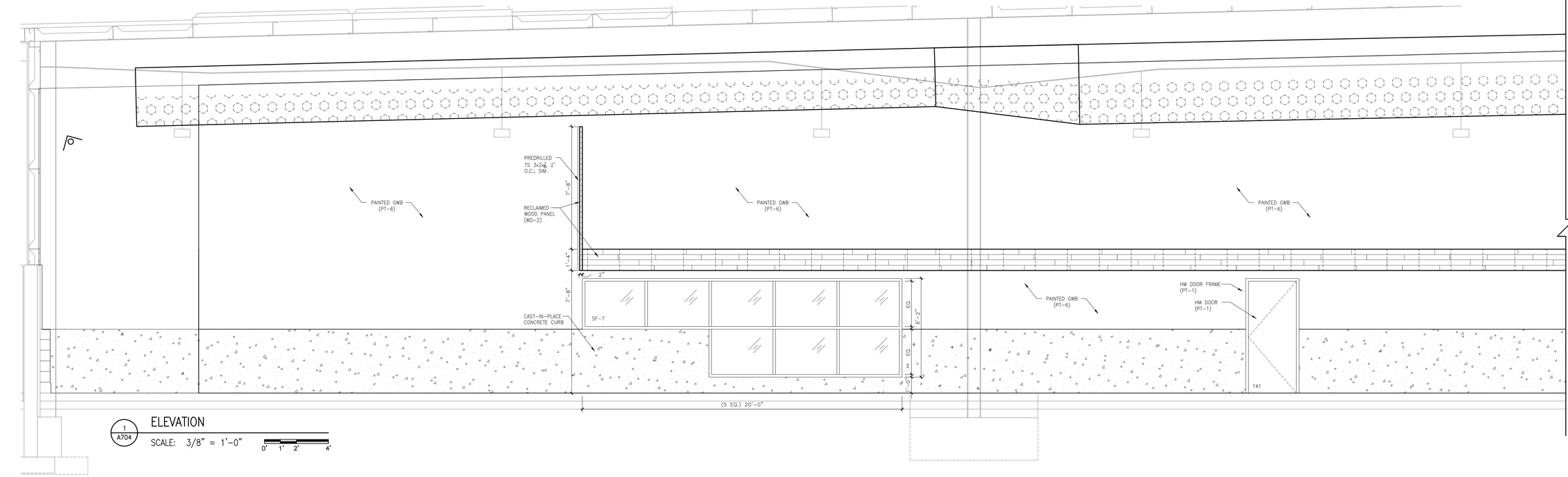
SHEET TITLE

INTERIOR ELEVATIONS

SHEET NO.

A703

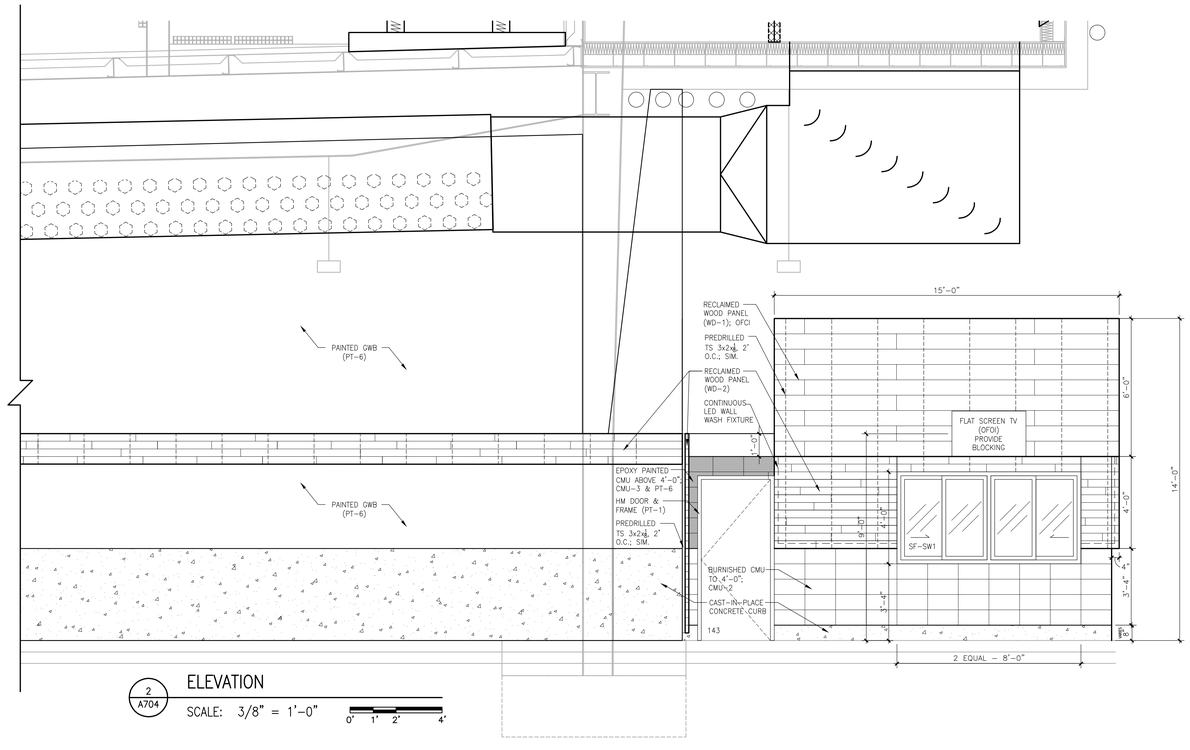
KRISTA CRUM 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWING\2013027_02-A703.DWG
Xref List: 2013027_01-A-Title_Sht.dwg 2013027_01-A-Floor_Plan.dwg 2013027 - General Elevation Notes



1 / A704 ELEVATION

SCALE: 3/8" = 1'-0"

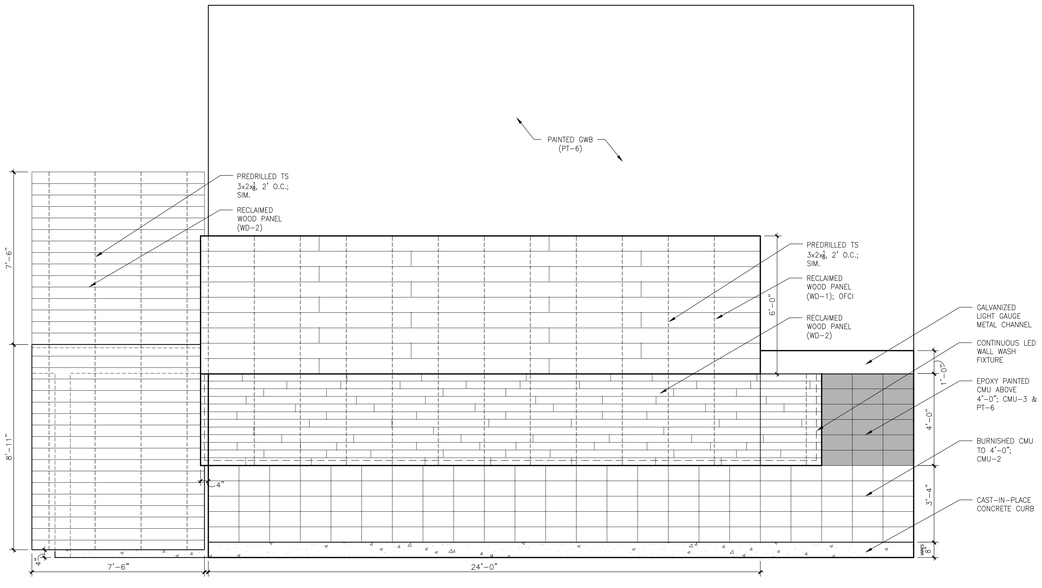
0' 1' 2' 4'



2 / A704 ELEVATION

SCALE: 3/8" = 1'-0"

0' 1' 2' 4'



3 / A704 ELEVATION

SCALE: 3/8" = 1'-0"

0' 1' 2' 4'

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

INTERIOR ELEVATIONS

SHEET NO.

A704

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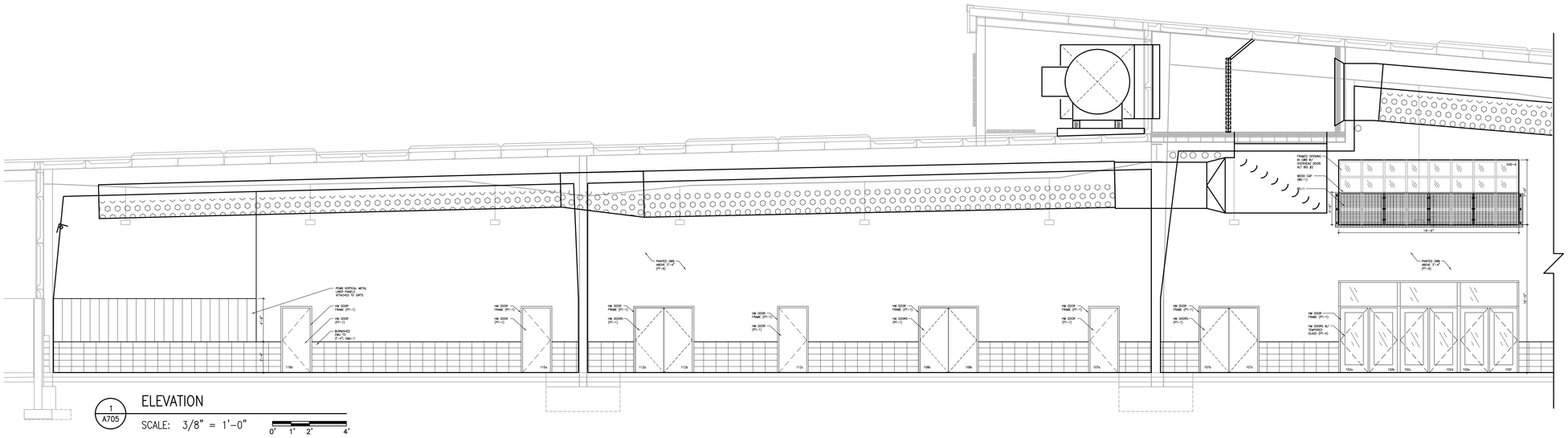

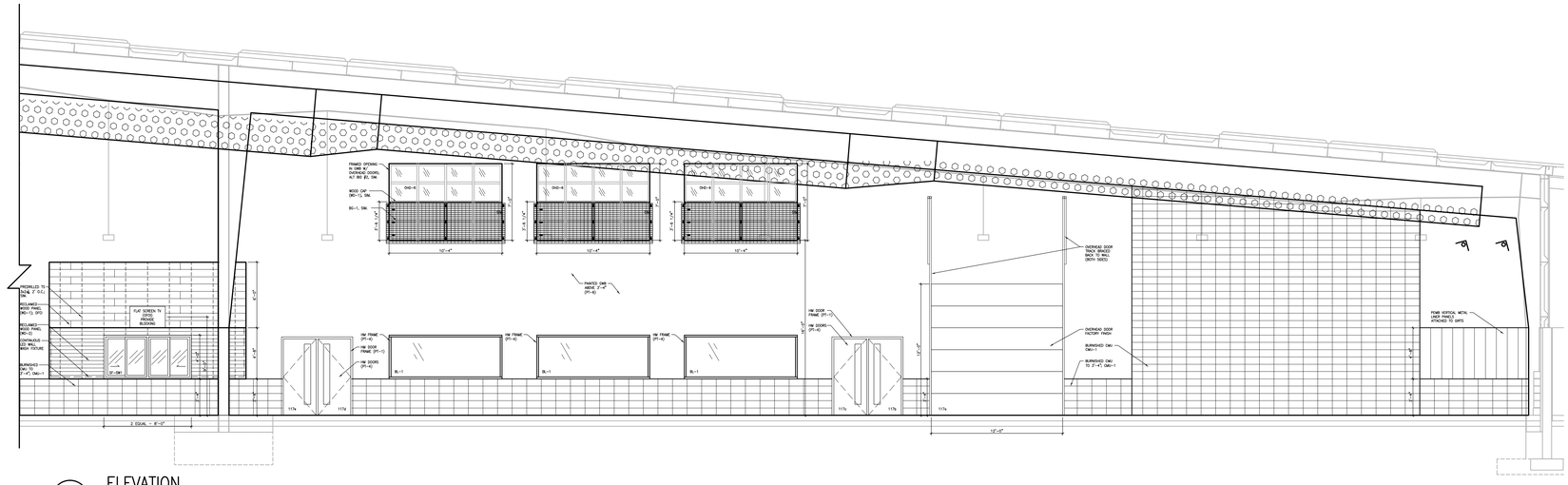

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INTERIOR ELEVATIONS

SHEET NO.

A705

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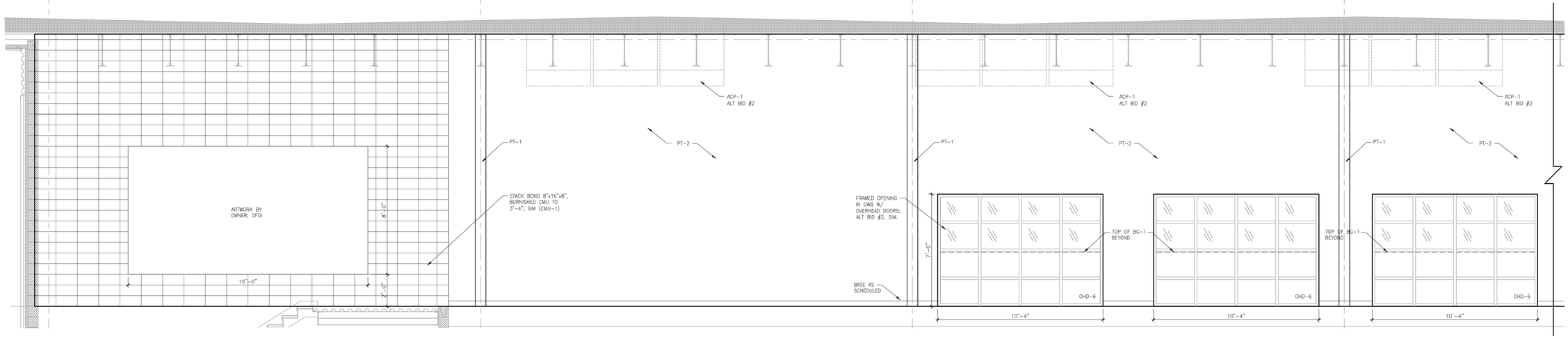
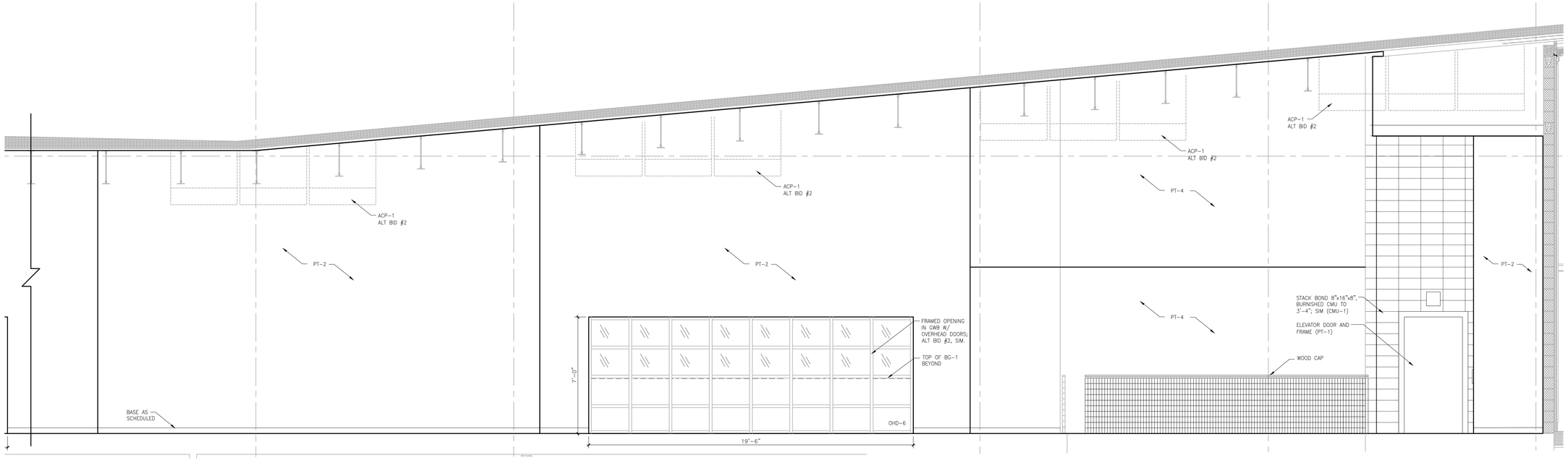


1 A706

ELEVATION

SCALE: 3/8" = 1'-0"

0" 1" 2" 4"



2 A706

ELEVATION

SCALE: 3/8" = 1'-0"

0" 1" 2" 4"

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PROJECT TITLE

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1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

INTERIOR ELEVATIONS

SHEET NO.

A706

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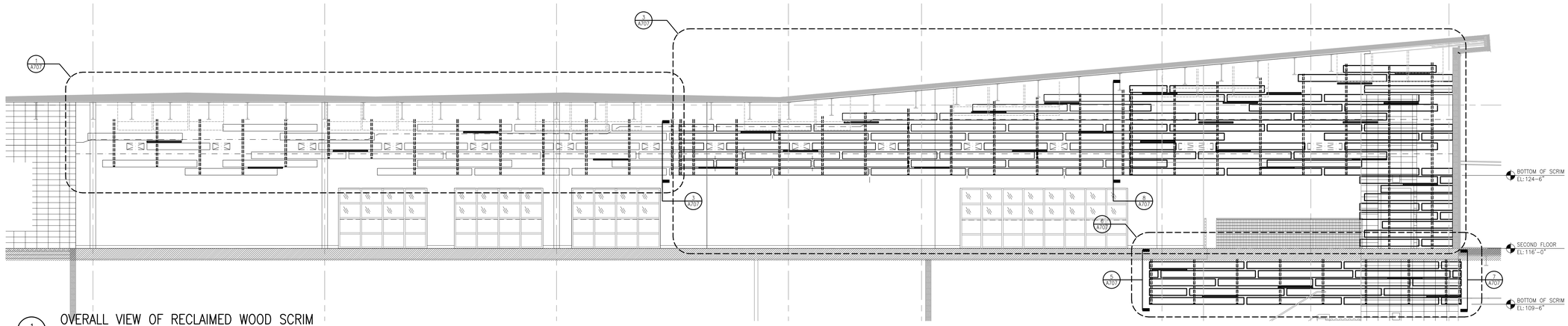
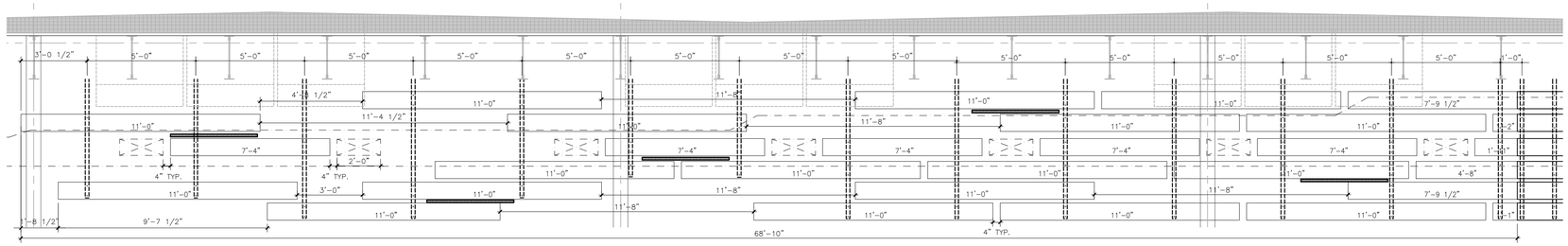


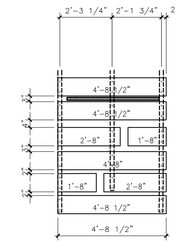
1 A707 OVERALL VIEW OF RECLAIMED WOOD SCRIM

SCALE: 3/8" = 1'-0"



2 A707 PARTIAL RECLAIMED WOOD SCRIM ELEVATION

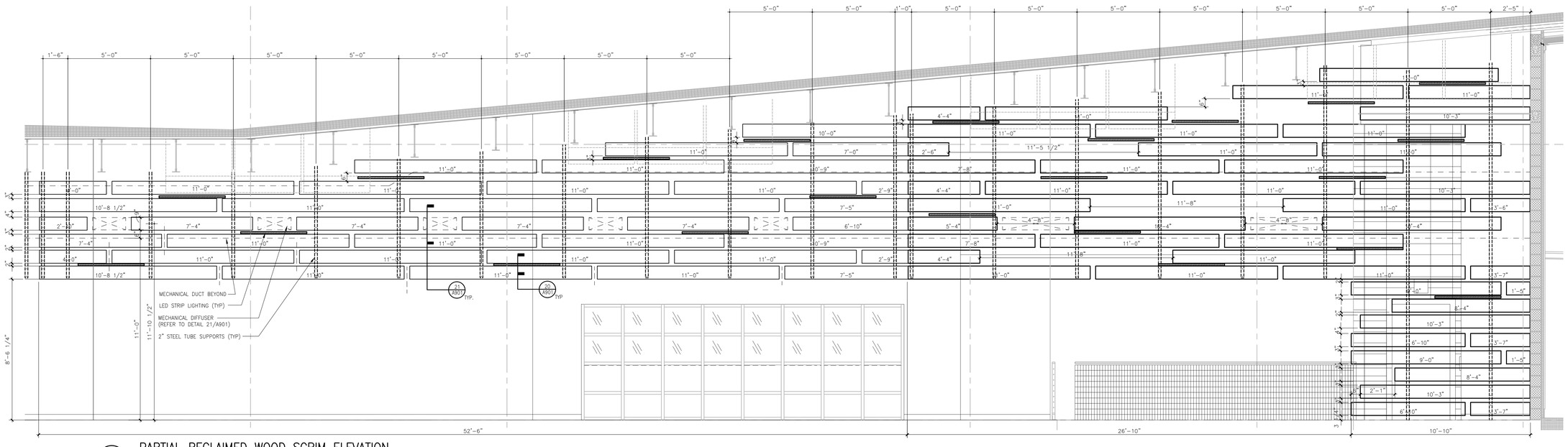
SCALE: 3/8" = 1'-0"



3 A707 PARTIAL SCRIM ELEVATION

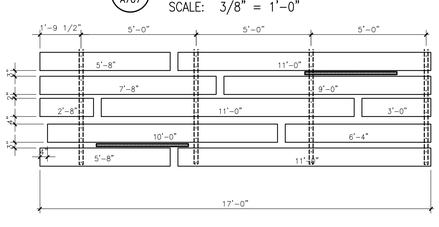
SCALE: 3/8" = 1'-0"

0' 1' 2' 4'



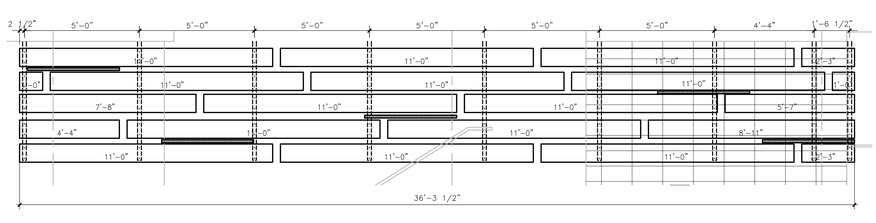
4 A707 PARTIAL RECLAIMED WOOD SCRIM ELEVATION

SCALE: 3/8" = 1'-0"



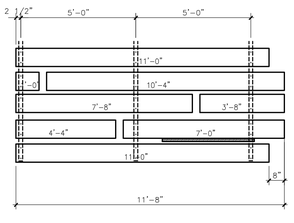
5 A707 PARTIAL RECLAIMED WOOD SCRIM ELEVATION

SCALE: 3/8" = 1'-0"



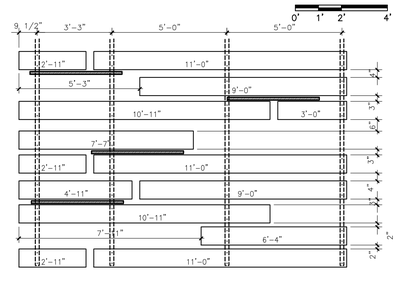
6 A707 PARTIAL RECLAIMED WOOD SCRIM ELEVATION

SCALE: 3/8" = 1'-0"



7 A707 PARTIAL SCRIM ELEVATION

SCALE: 3/8" = 1'-0"



8 A707 PARTIAL SCRIM ELEVATION

SCALE: 3/8" = 1'-0"

0' 1' 2' 4'

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

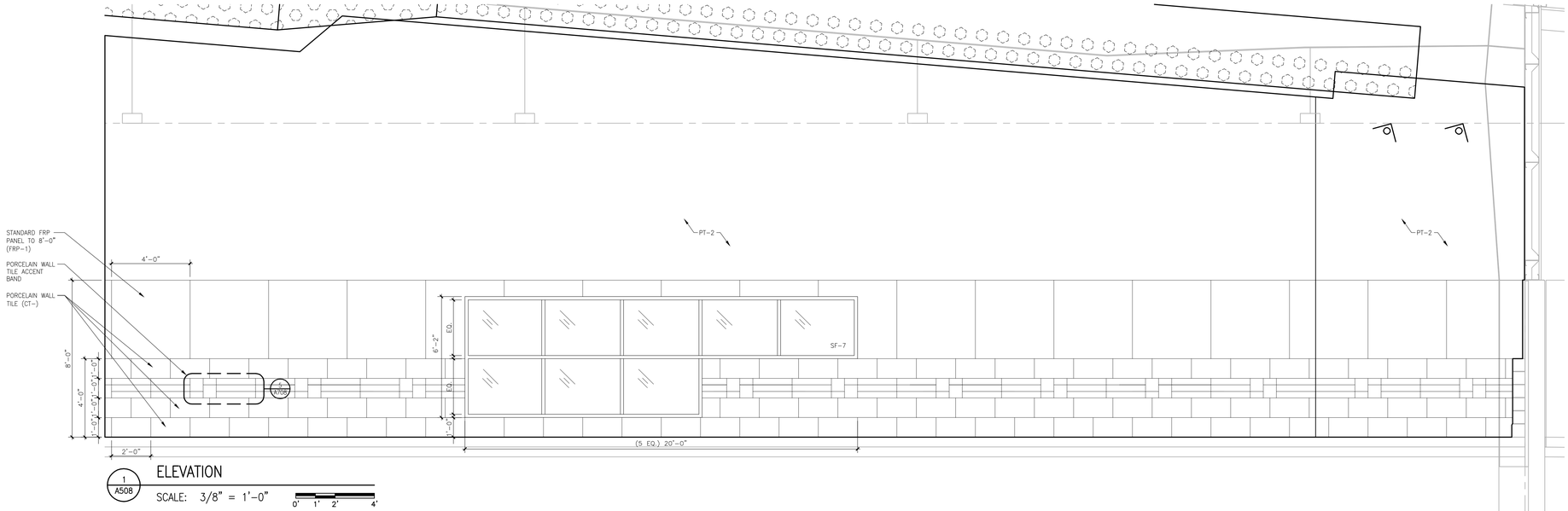
SHEET TITLE

INTERIOR ELEVATIONS

SHEET NO.

A707

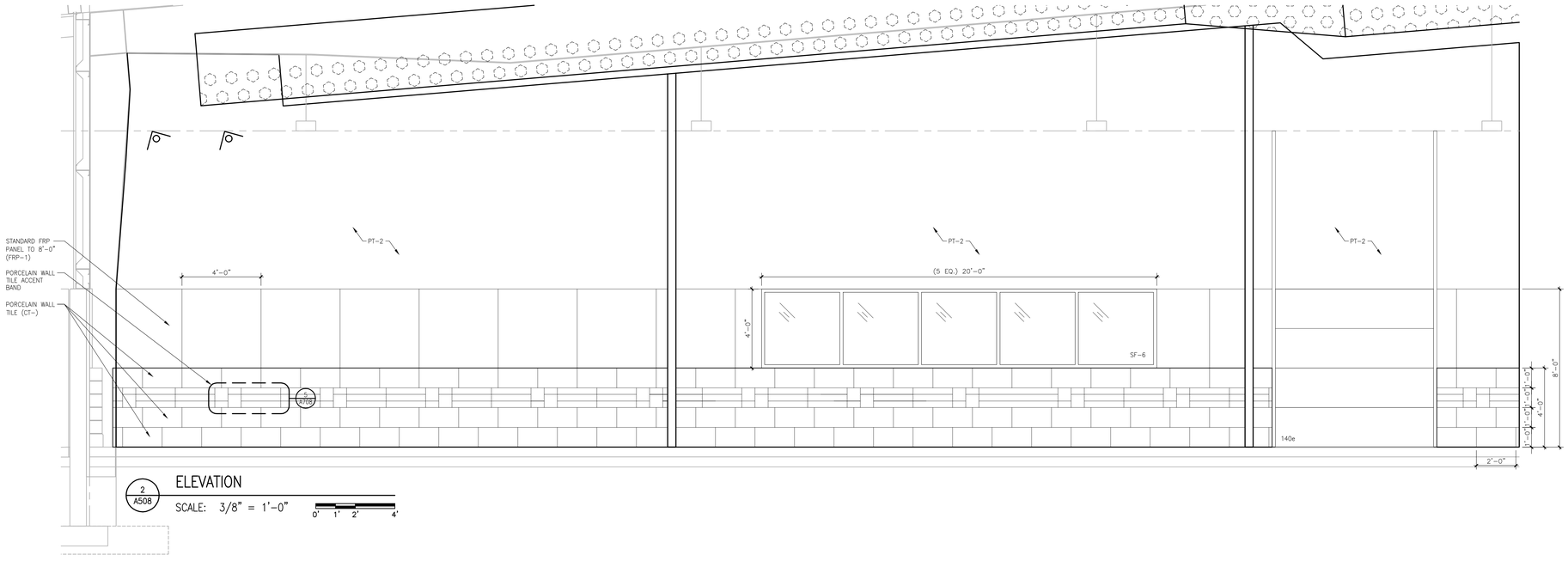
JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A707.DWG



1 A508 ELEVATION

SCALE: 3/8" = 1'-0"

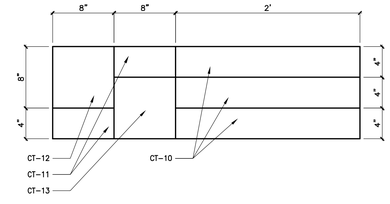
0' 1' 2' 4'



2 A508 ELEVATION

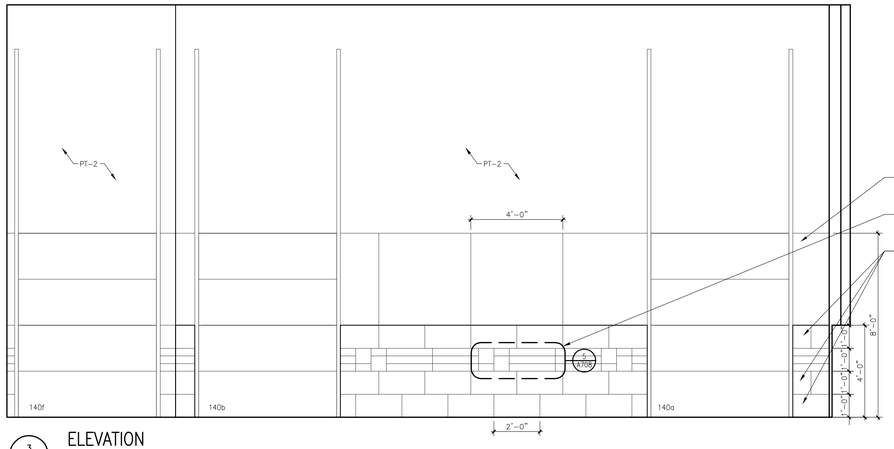
SCALE: 3/8" = 1'-0"

0' 1' 2' 4'



5 A708 PORCELAIN WALL TILE ACCENT

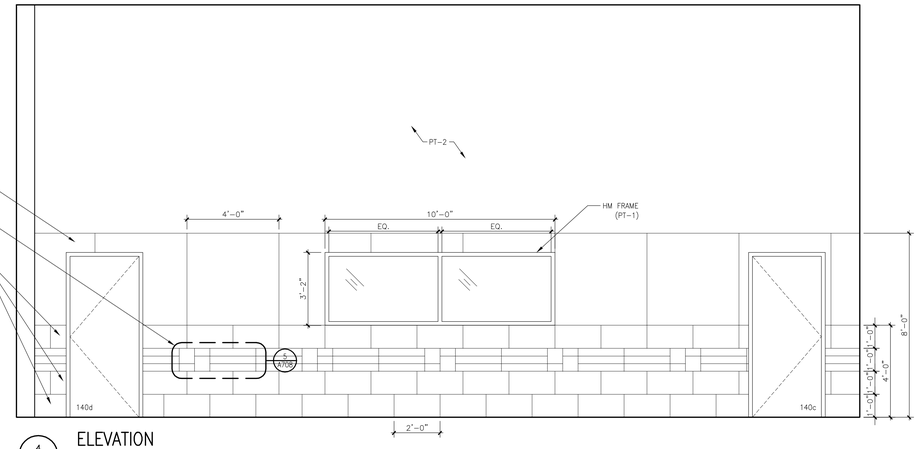
SCALE: 1 1/2"=1'-0"



3 A508 ELEVATION

SCALE: 3/8" = 1'-0"

0' 1' 2' 4'



4 A508 ELEVATION

SCALE: 3/8" = 1'-0"

0' 1' 2' 4'

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

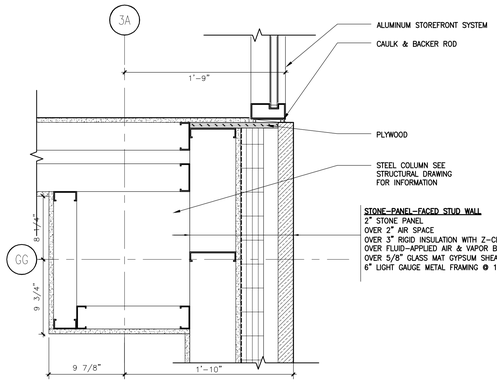
SHEET TITLE

INTERIOR ELEVATIONS

SHEET NO.

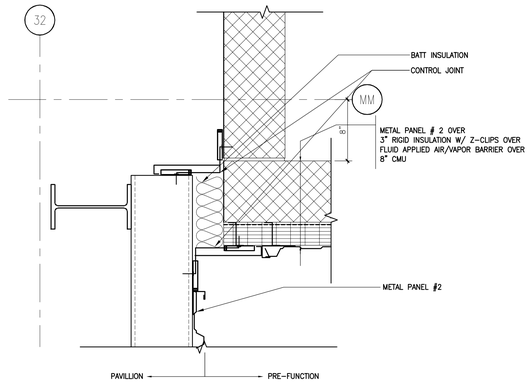
A708

Last Saved By: JUSTIN BALLWEG 2009-4-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A708.DWG



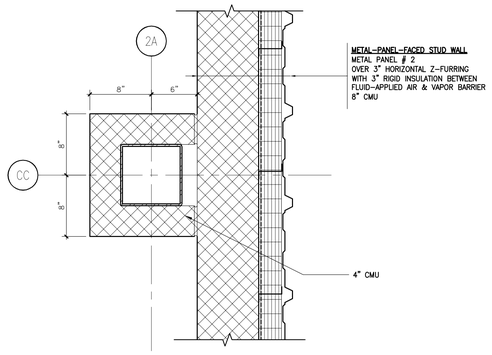
10 A801 JAMB DETAIL

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



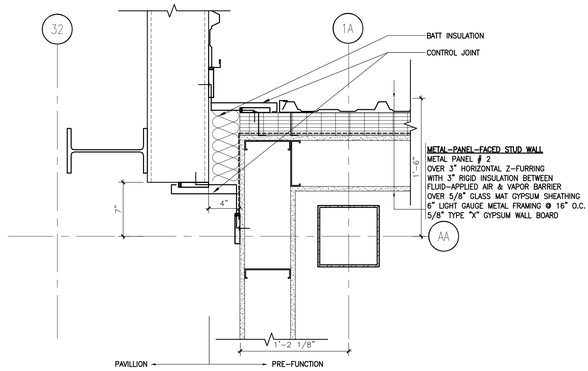
7 A801 EXPANSION JOINT DETAIL – SOUTH SIDE

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



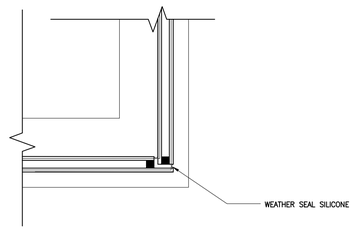
4 A801 PLAN DETAIL

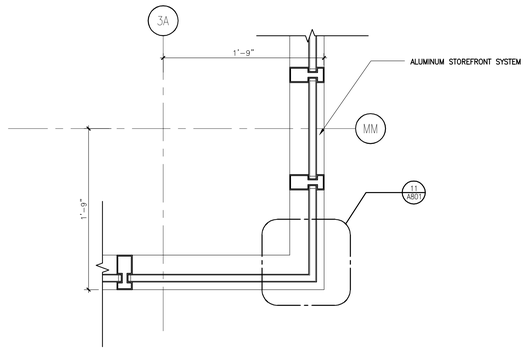
SCALE: 1 1/2" = 1'0"

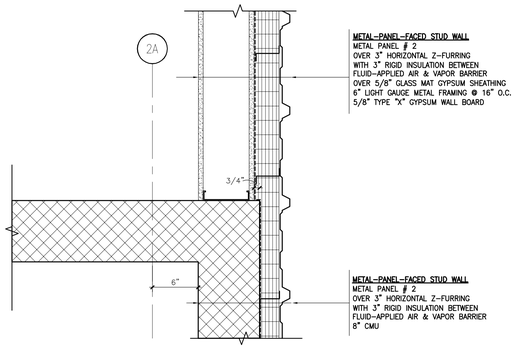


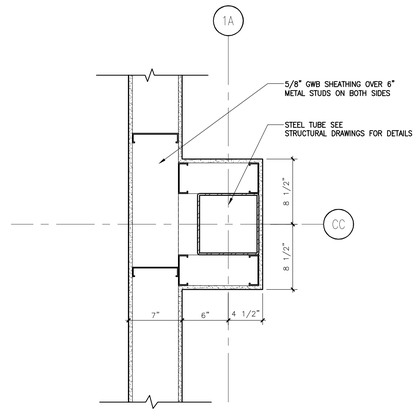
1 A801 EXPANSION JOINT DETAIL – NORTH SIDE

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



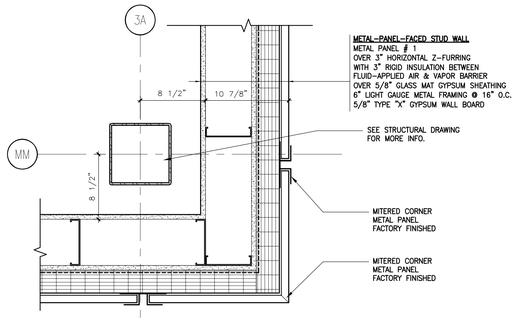






11 A801 GLASS CORNER DETAIL

SCALE: 3" = 1'0"

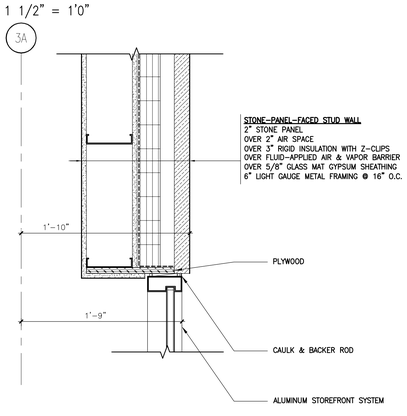


12 A801 METAL PANEL CORNER DETAIL

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

8 A801 CORNER DETAIL

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

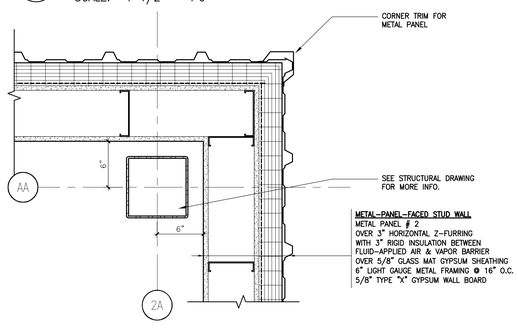


9 A801 WINDOW JAMB DETAIL

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

5 A801 PLAN DETAIL

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

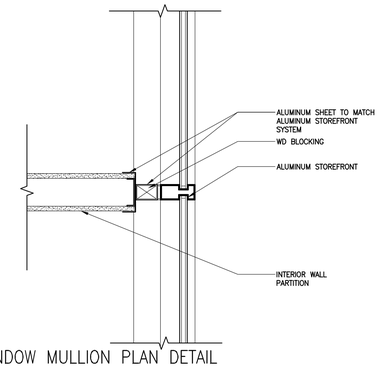


6 A801 CORNER DETAIL

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

2 A801 PLAN DETAIL

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



3 A801 WINDOW MULLION PLAN DETAIL

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

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PROJECT TITLE

ALLIANT ENERGY
CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

EXTERIOR
PLAN DETAILS

SHEET NO.

A801

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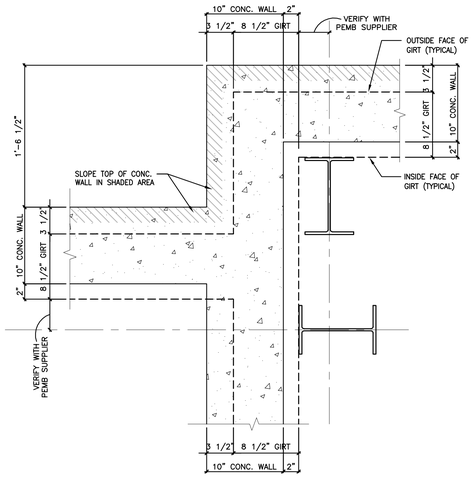
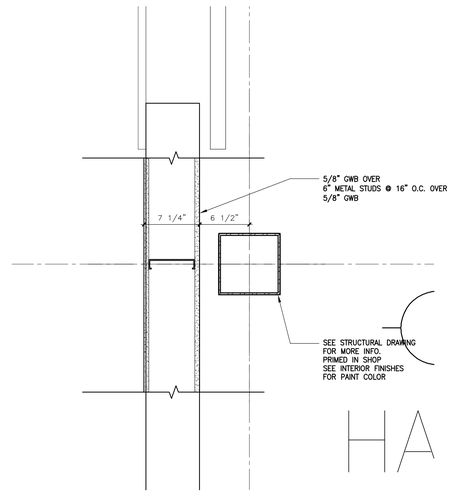


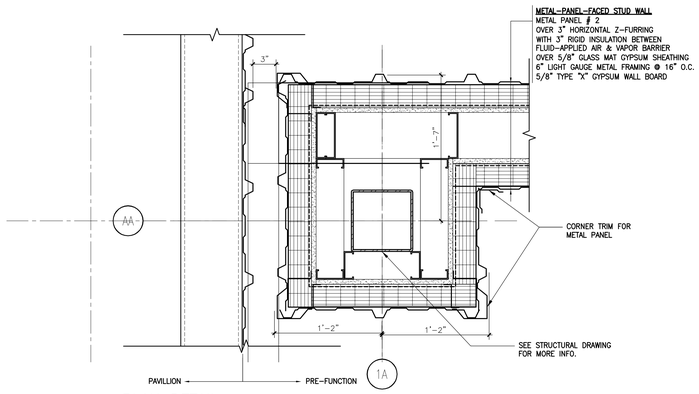
7 A802 CORNER PLAN VIEW

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



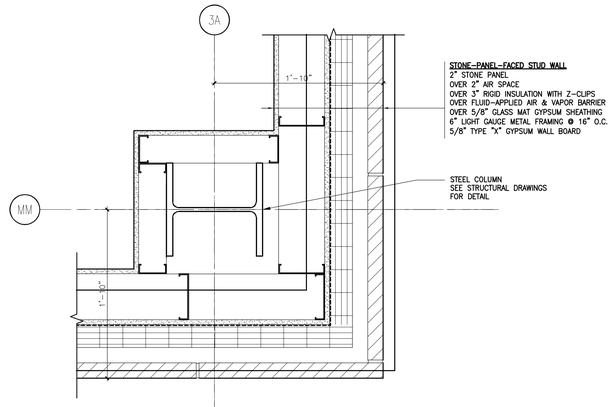
4 A802 PLAN DETAIL

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



1 A802 PLAN DETAIL

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



5 A802 STONE PANEL CORNER DETAIL

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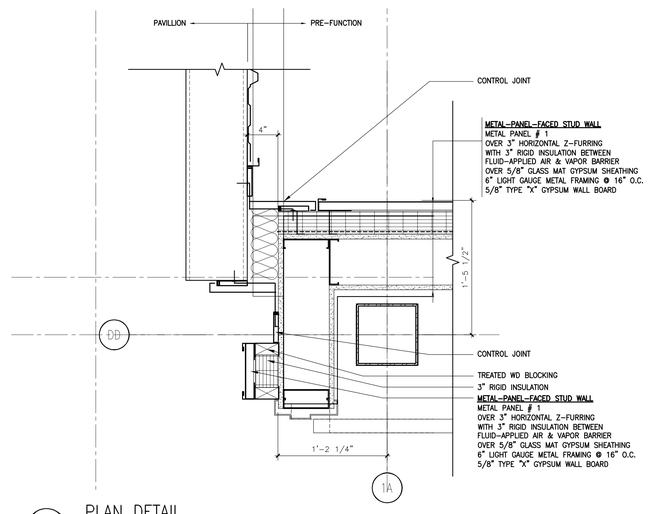

2 A802 PLAN DETAIL

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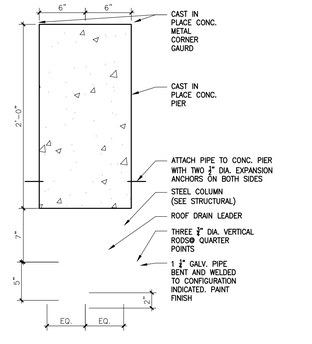
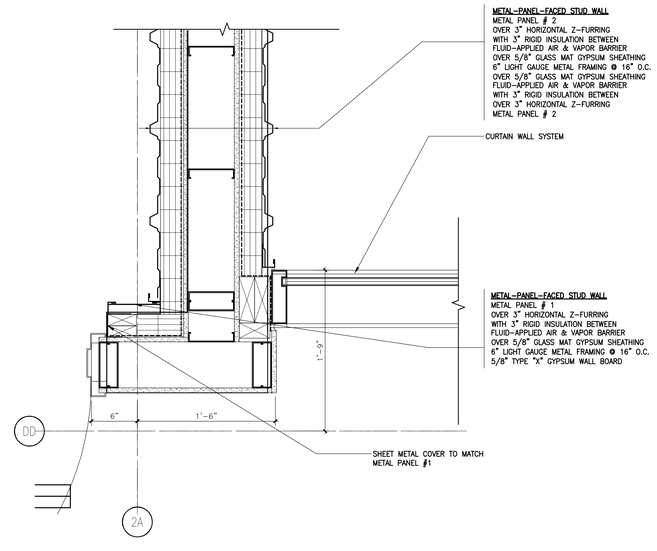


6 A802 PLAN DETAIL

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



3 A802 PLAN DETAIL

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

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

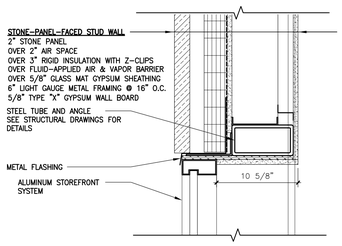
SHEET TITLE

EXTERIOR PLAN DETAILS

SHEET NO.

A802

TC LIN 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A802.DWG



9 A803 SECTION DETAIL

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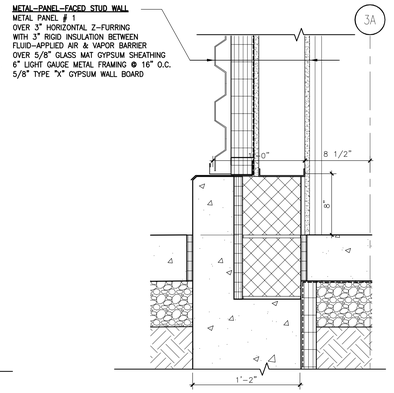

5 A803 SECTION DETAIL

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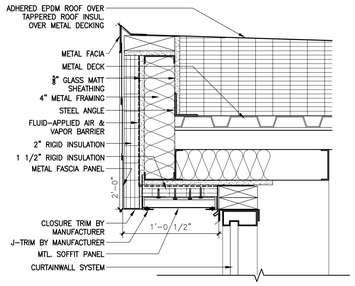

1 A803 SECTION DETAIL

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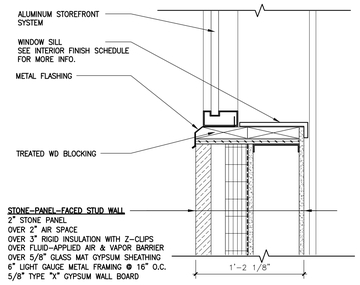

10 A803 SECTION DETAIL

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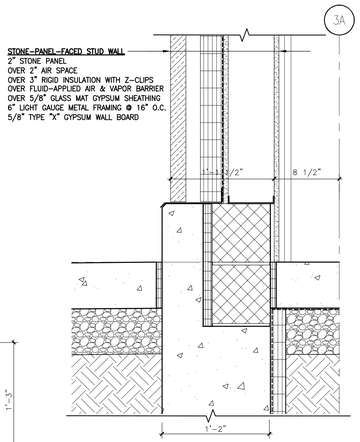

6 A803 SECTION DETAIL

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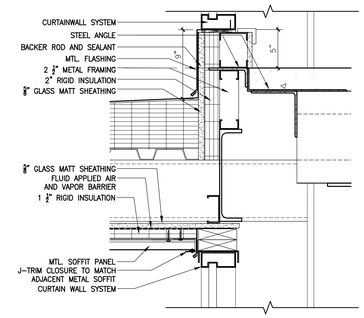

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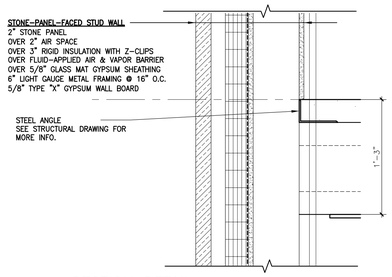

11 A803 SECTION DETAIL

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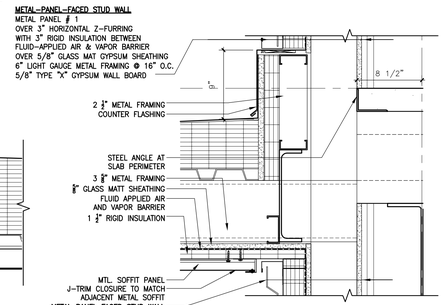

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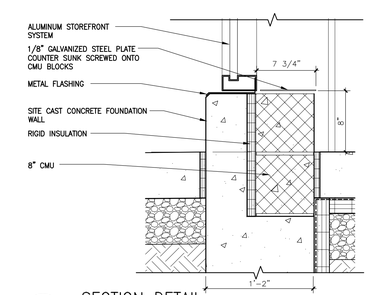

12 A803 SECTION DETAIL

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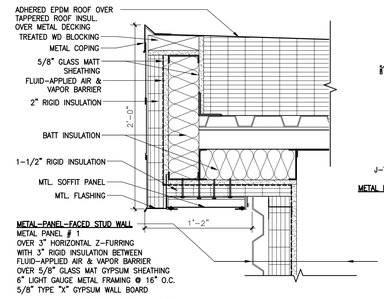

7 A803 SECTION DETAIL

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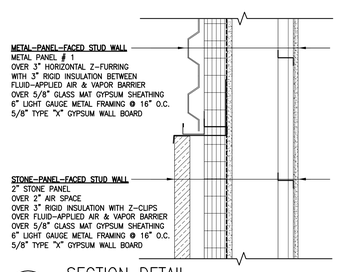

8 A803 SECTION DETAIL

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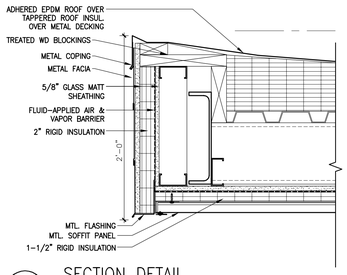

4 A803 SECTION DETAIL

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

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

EXTERIOR DETAILS

SHEET NO.

A803

TC LIN 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A803.DWG

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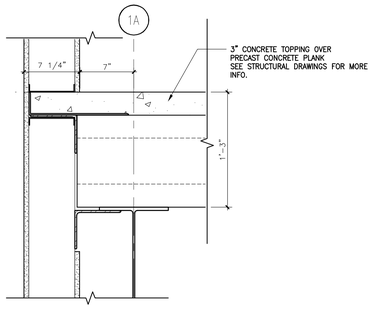

12 A804 SECTION DETAIL

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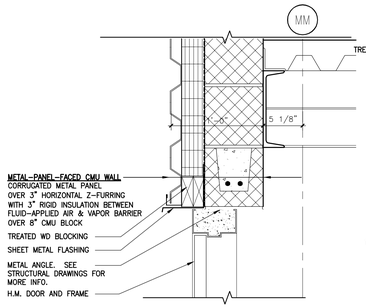

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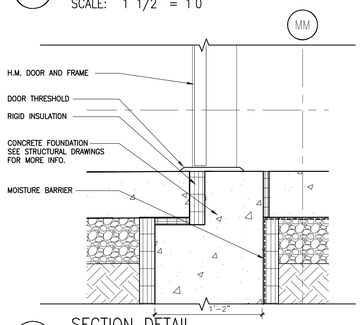

9 A804 SECTION DETAIL

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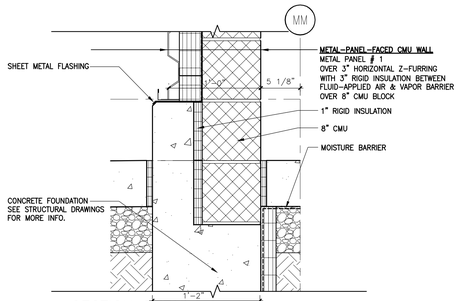

10 A804 SECTION DETAIL

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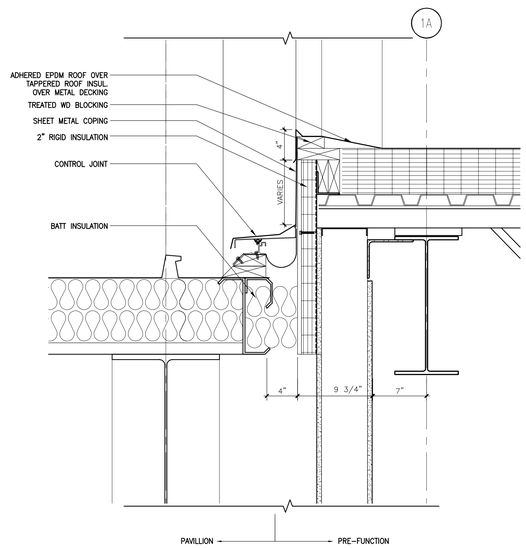

11 A804 SECTION DETAIL

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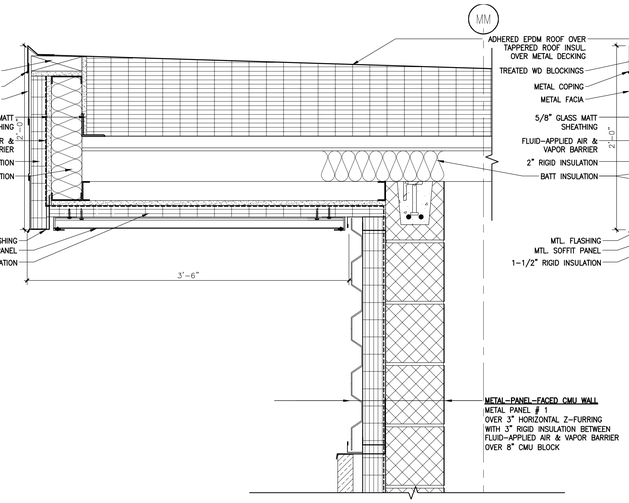

5 A804 SECTION DETAIL

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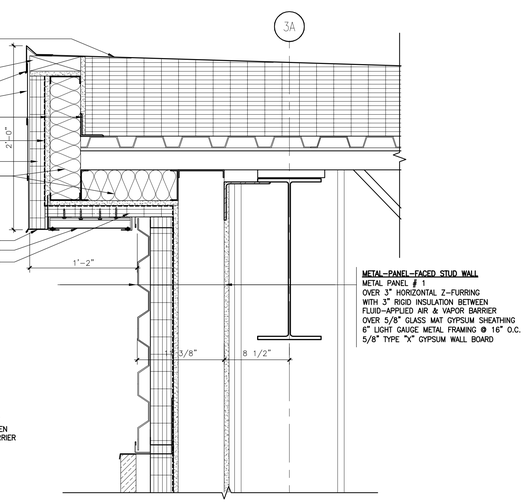

1 A804 SECTION DETAIL

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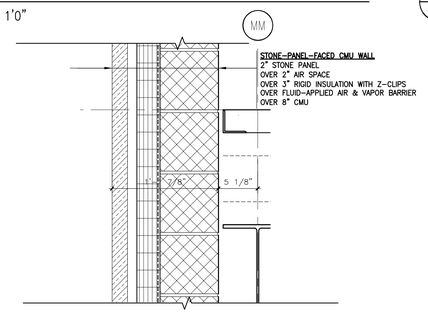

6 A804 SECTION DETAIL

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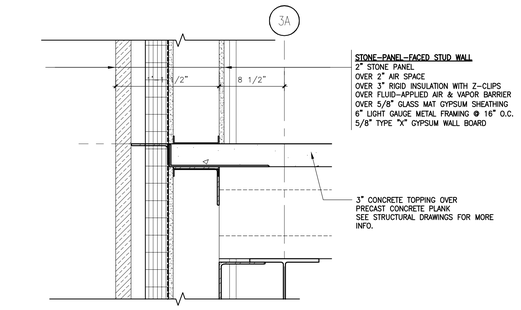

2 A804 SECTION DETAIL

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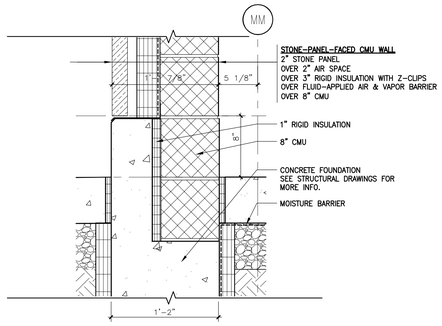

7 A804 SECTION DETAIL

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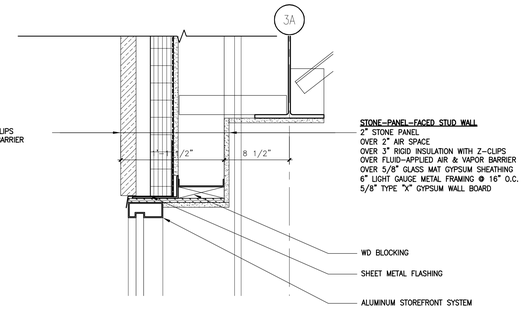

3 A804 SECTION DETAIL

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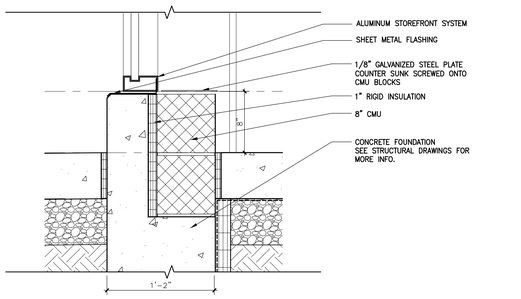

4 A804 SECTION DETAIL

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

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

EXTERIOR DETAILS

SHEET NO.

A804

Ref: \\ac-2013001.2-4-78-3042\
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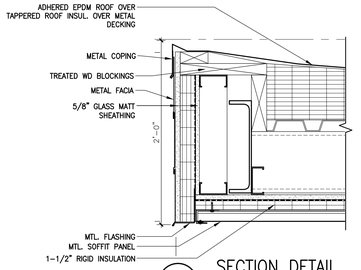

11 A805 SECTION DETAIL

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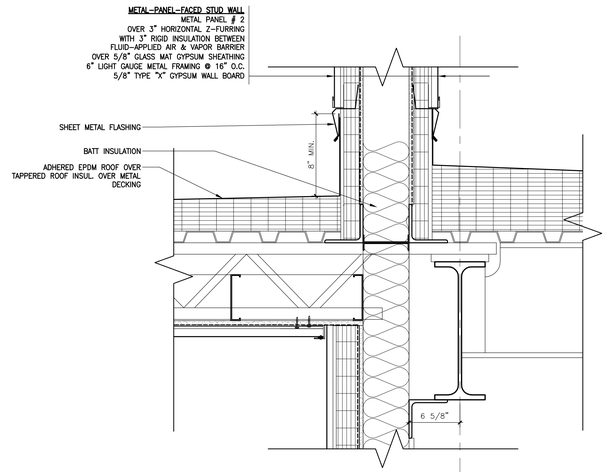

12 A805 WALL FLASHING DETAIL

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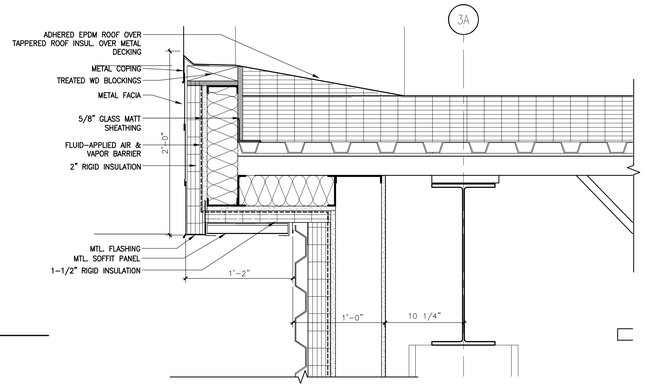

9 A805 SECTION DETAIL

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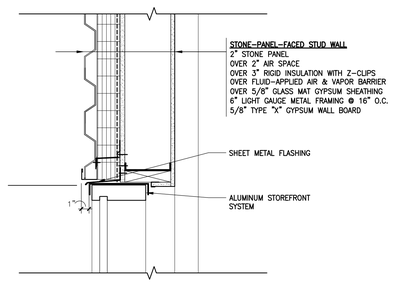

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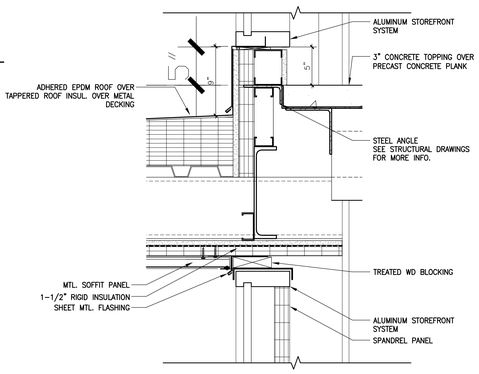

12 A805 SECTION DETAIL

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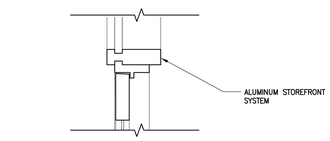

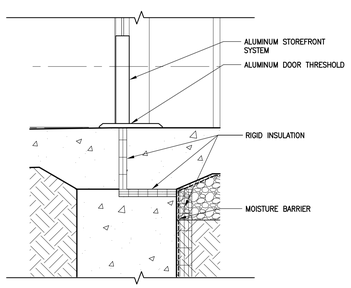

13 A805 SECTION DETAIL

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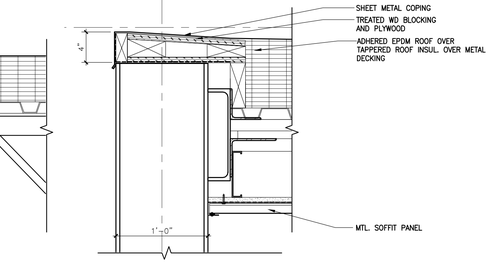

5 A805 SECTION DETAIL

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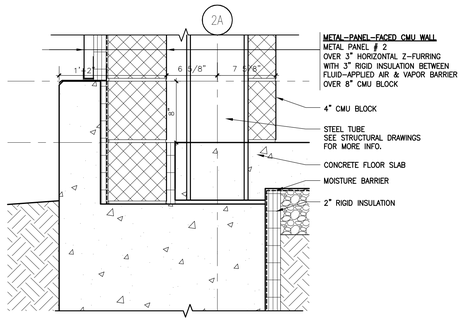

6 A805 SECTION DETAIL

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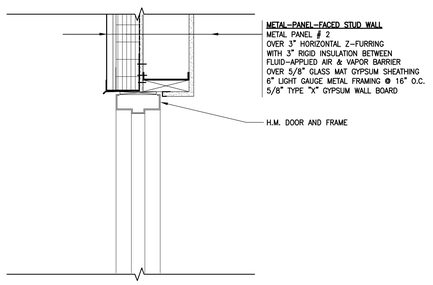

7 A805 SECTION DETAIL

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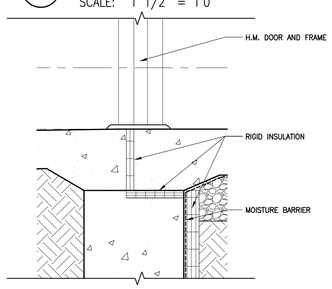

8 A805 SECTION DETAIL

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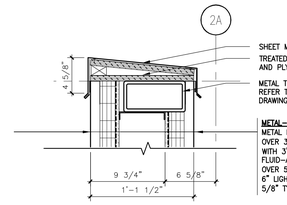

1 A805 SECTION DETAIL

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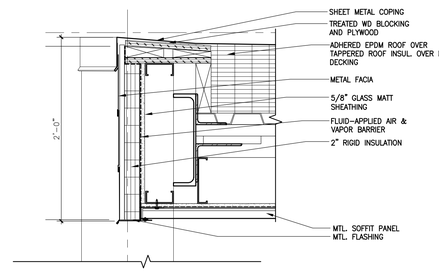

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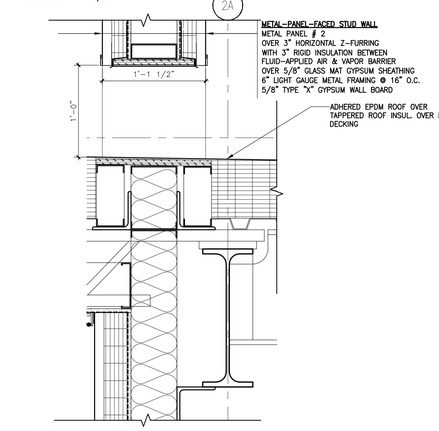

3 A805 SECTION DETAIL

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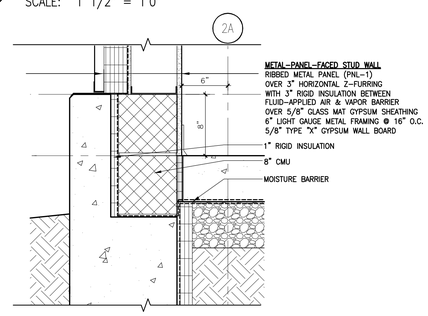

4 A805 SECTION DETAIL

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

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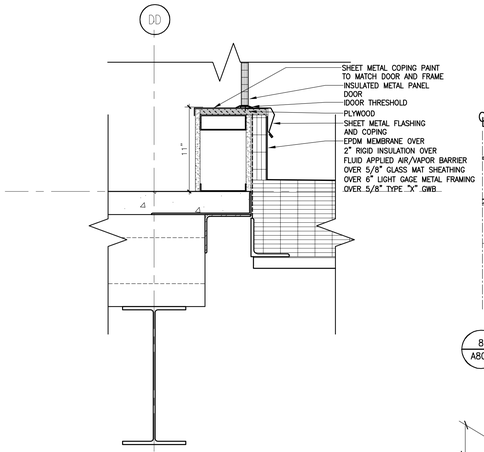
SHEET NO.

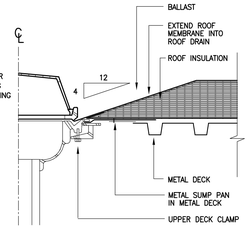
A805

JUSTIN BALLWEG 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A805.DWG



7 A806 ACCESS DOOR CURB DETAIL

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



8 A806 ROOF DRAIN

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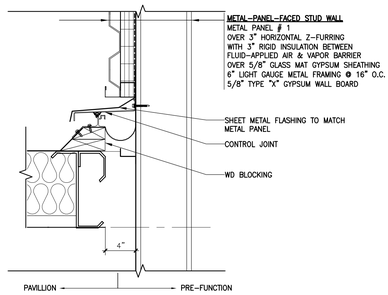

4 A806 SECTION DETAIL

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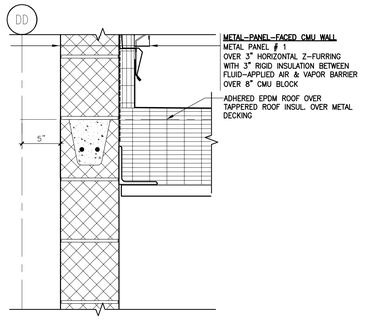

1 A806 SECTION DETAIL

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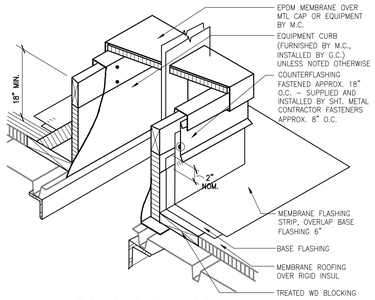

9 A806 EQUIPMENT CURB

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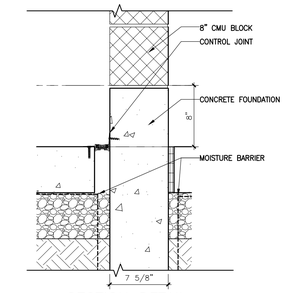

5 A806 SECTION DETAIL

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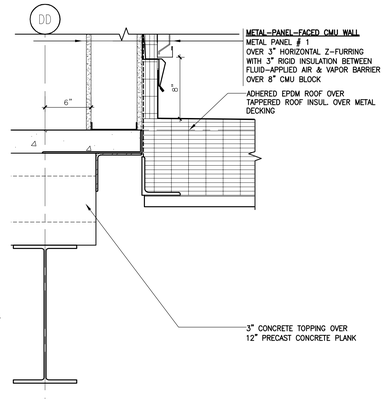

2 A806 SECTION DETAIL

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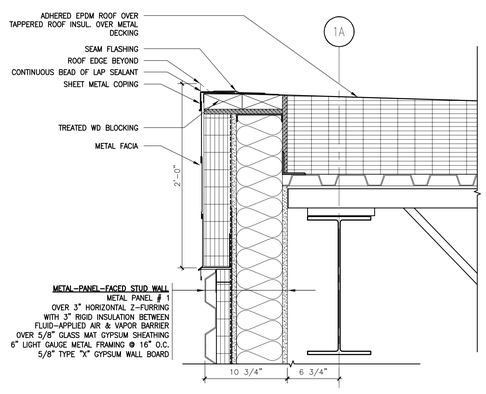
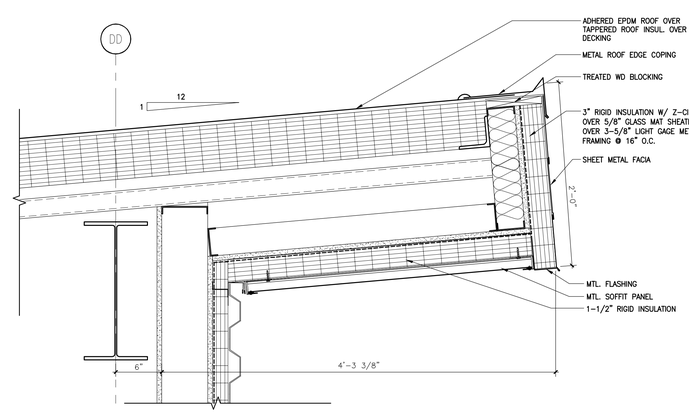


11 A806 ROOF EDGE DETAIL

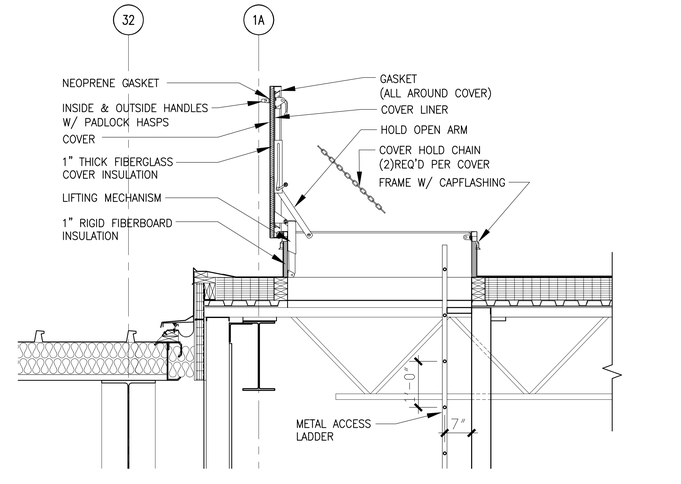
SCALE: 1 1/2" = 1'-0"



6 A806 ROOF EDGE DETAIL

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

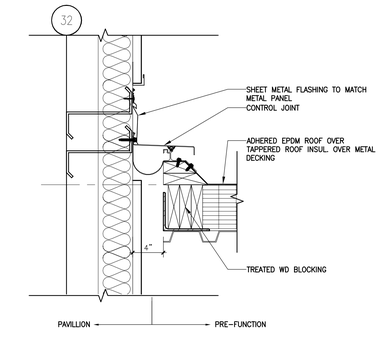
0' 2" 4" 8" 12"



10 A806 ROOF HATCH DETAIL

SCALE: 11/2" = 1'0"

0' 6" 1' 2' 3'



3 A806 SECTION DETAIL

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

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DRAWING SET CD

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FILE NAME 2013027_02-A806.DWG

REVISIONS

DRAWN ###

CHECKED ###

DATE 08-01-13

PROJECT NO. 2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

EXTERIOR DETAILS

SHEET NO.

A806

TC LIN 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWING\S2013027_02-A806.DWG

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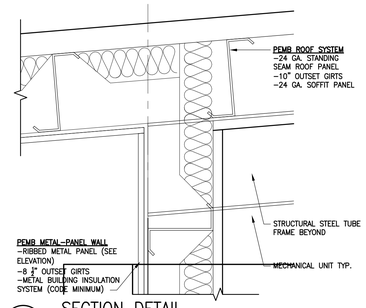

15 A807 SECTION DETAIL

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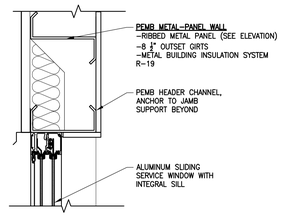

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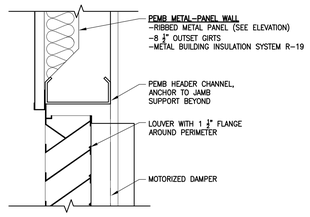

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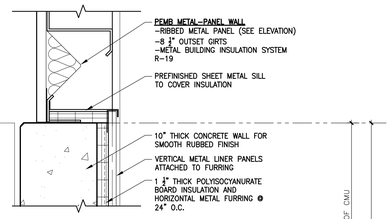

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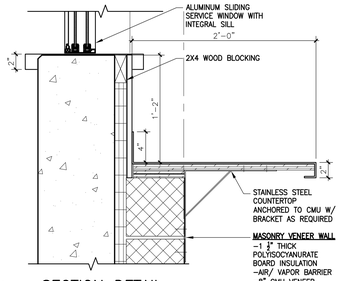

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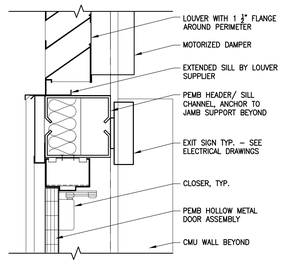

6 A807 SECTION DETAIL

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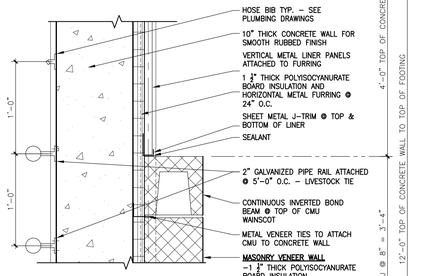

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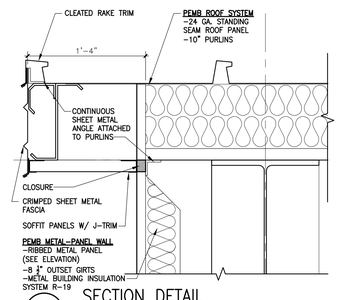

12 A807 SECTION DETAIL

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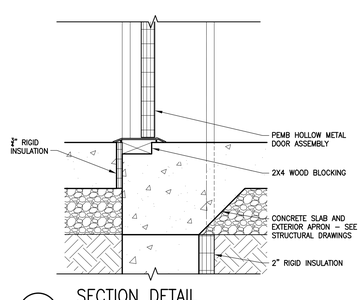

7 A807 SECTION DETAIL

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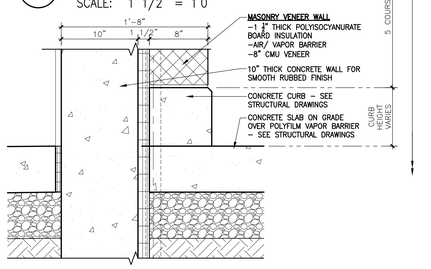

2 A807 SECTION DETAIL

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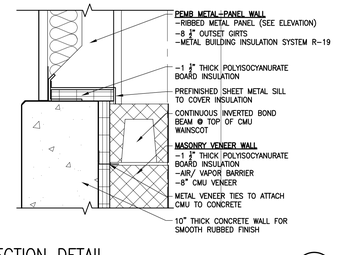

13 A807 SECTION DETAIL

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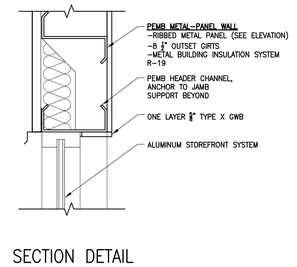

8 A807 SECTION DETAIL

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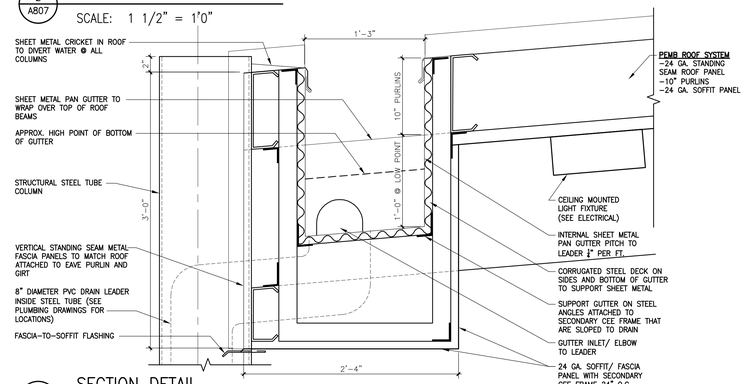

3 A807 SECTION DETAIL

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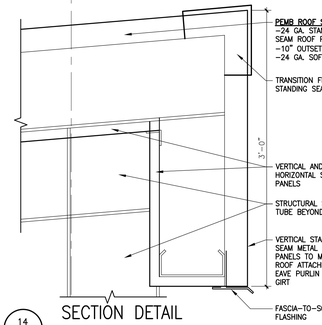

14 A807 SECTION DETAIL

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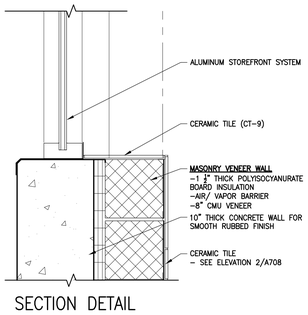

9 A807 SECTION DETAIL

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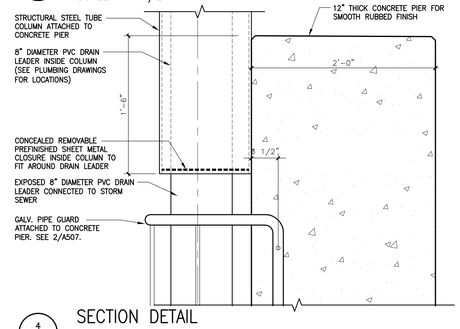

4 A807 SECTION DETAIL

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

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MADISON, WI 53705–4395

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FILE NAME	2013027_02-A807.DWG
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DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

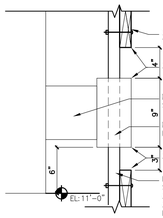
SHEET TITLE

EXTERIOR DETAILS

SHEET NO.

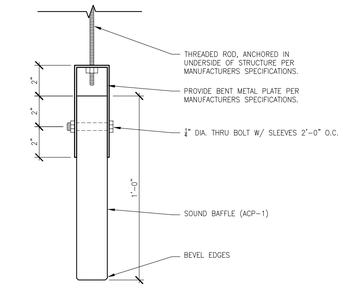
A807

Plot Last: 2013-08-01 2:27 PM By: JUSTIN BALLWEG
Plot Path: 2013027_02 ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A807.DWG



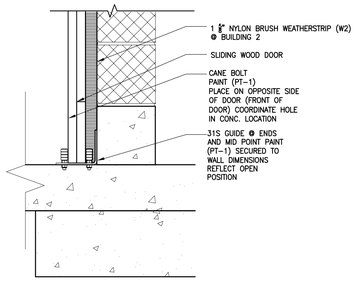
21 / A901 DIFFUSER @ SCRIM DETAIL

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"



16 / A901 CEILING BAFFLE DETAIL

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"



14 / A901 WOOD SCRIM DETAIL

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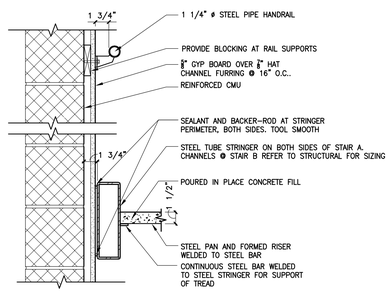

11 / A901 STAIR STRINGER DETAIL

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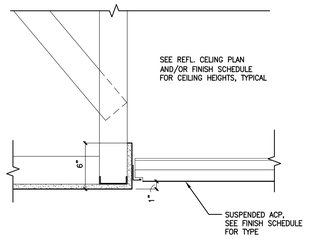
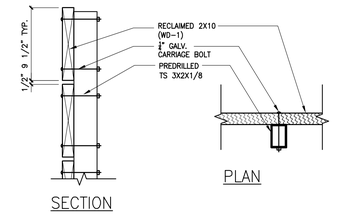


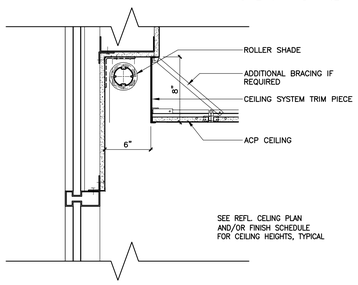
6 / A901 CEILING DETAIL

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"



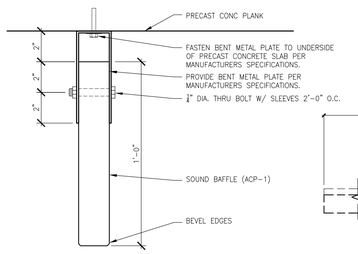
1 / A901 WOOD SCRIM DETAIL

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"



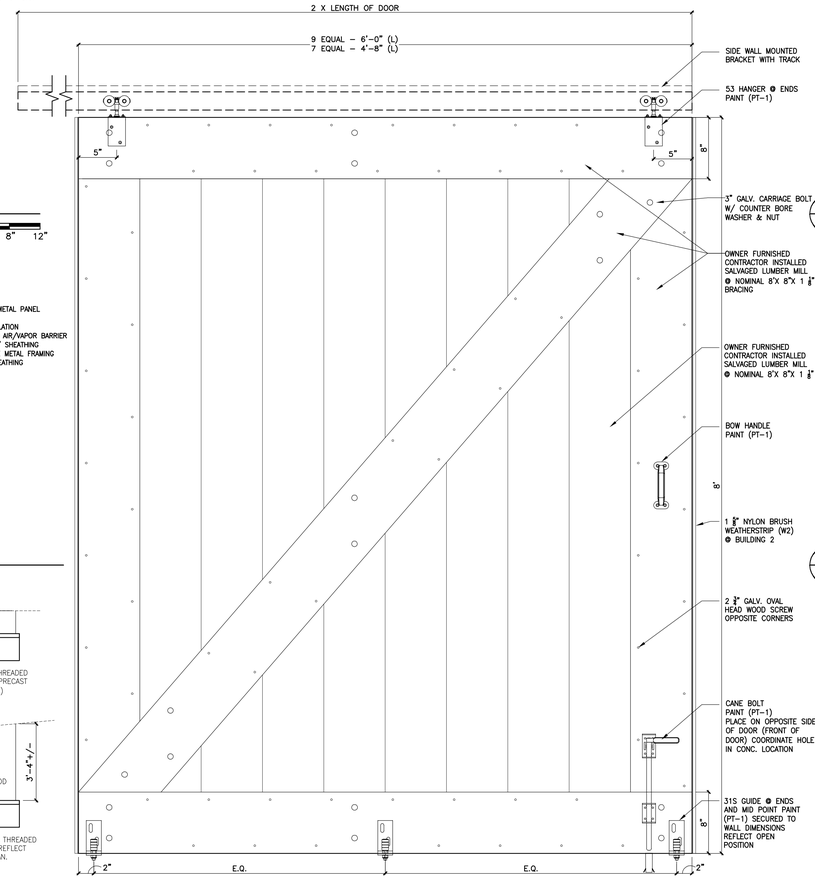
22 / A901 ROLLER SHADE DETAIL

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"



17 / A901 CEILING BAFFLE DETAIL

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"



12 / A901 SLIDING DOOR DETAIL

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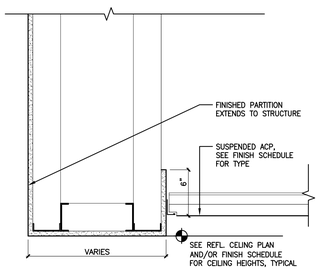

7 / A901 CEILING DETAIL

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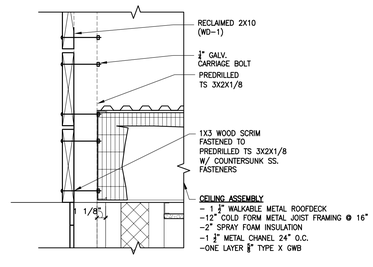

2 / A901 WOOD SCRIM DETAIL

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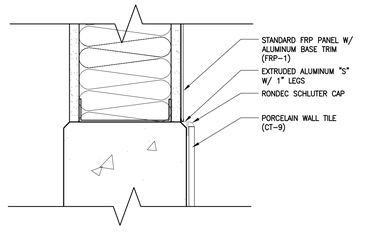
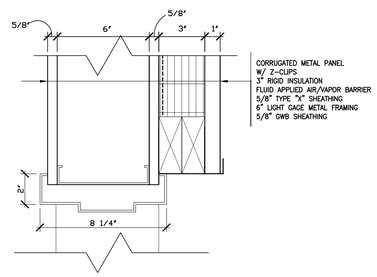


23 / A901 TILE DETAIL

SCALE: 3"= 1'-0" 0' 2" 4" 8" 12"



18 / A004 DOOR JAMB DETAIL

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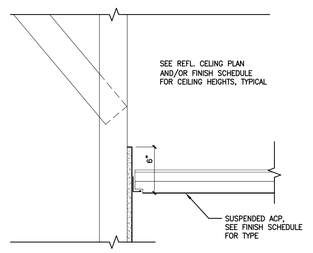

10 / A901 DRAFT CURTAIN DETAIL

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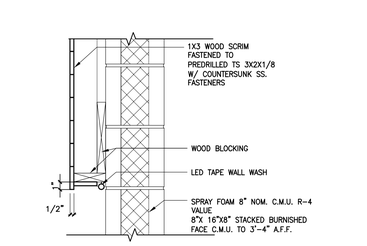
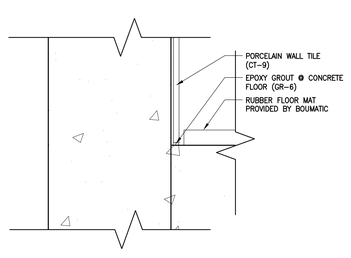


8 / A901 CEILING DETAIL

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"

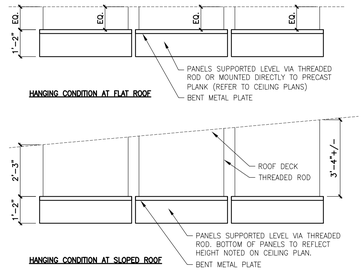
3 / A901 WOOD SCRIM DETAIL

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"



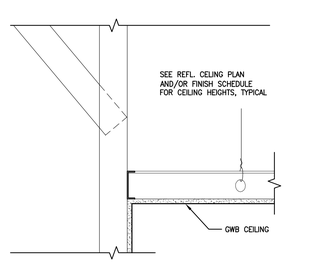
24 / A901 TILE DETAIL

SCALE: 3"= 1'-0" 0' 2" 4" 8" 12"



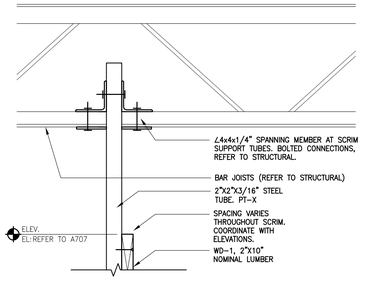
19 / A901 CEILING BAFFLE ELEVATIONS

SCALE: 3/8"=1'-0"



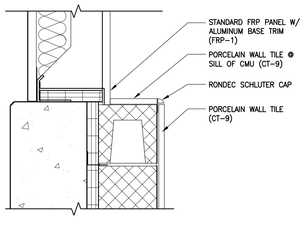
9 / A901 CEILING DETAIL

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"



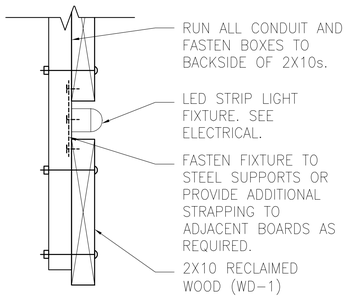
4 / A901 WOOD SUPPORT SCRIM DETAIL

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"



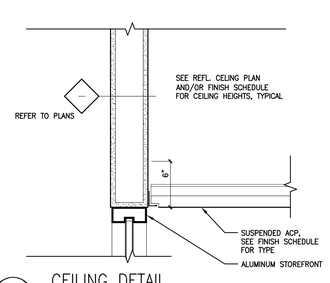
25 / A901 TILE DETAIL

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"



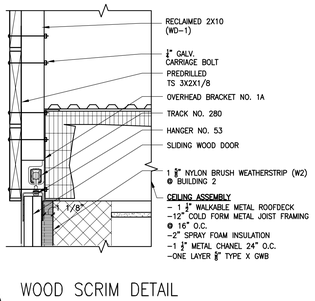
20 / A901 DETAIL AT SCRIM LIGHTING

SCALE: 3"= 1'-0" 0' 1" 2" 4" 6"



15 / A901 CEILING DETAIL

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"



13 / A901 WOOD SCRIM DETAIL

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

STRANG INC.
8411 MINERAL POINT ROAD
MADISON, WI 53705-4395

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FILE NAME	2013027_02-A901.DWG
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CHECKED	RG
DATE	08-01-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

INTERIOR DETAILS

SHEET NO.

A901

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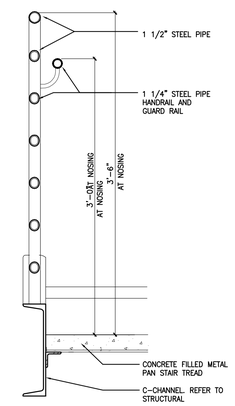
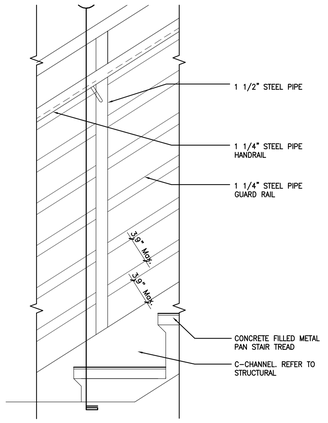


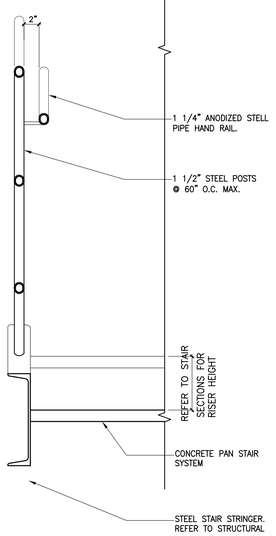
21 A902 STEEL PIPE GUARD RAIL – STAIR B

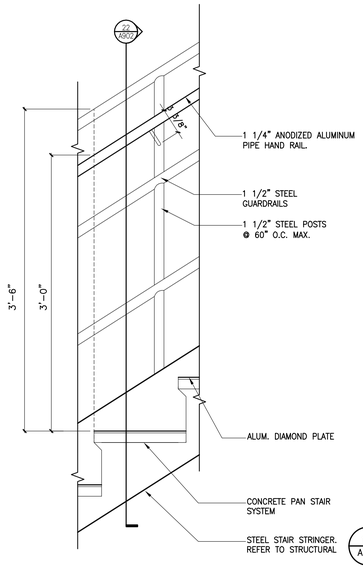
SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"

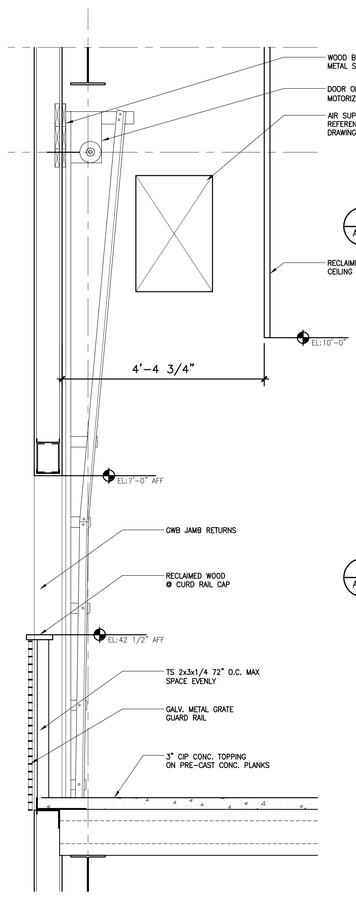


18 A902 STEEL PIPE GUARD RAIL – STAIR B

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"

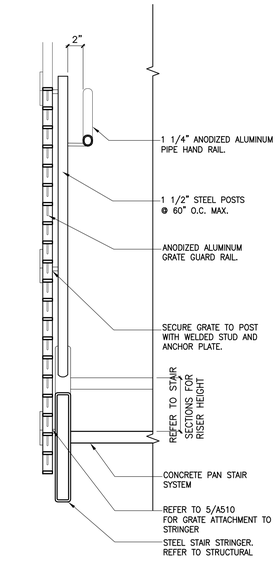


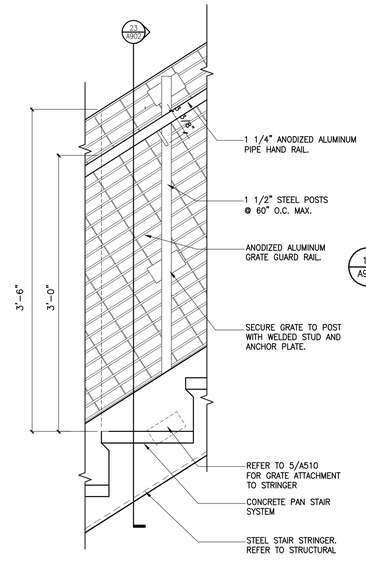


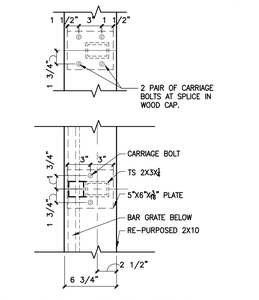


15 A902 SECTION @ OHD-6

SCALE: 3/4"= 1'-0" 0' 6" 1' 2'

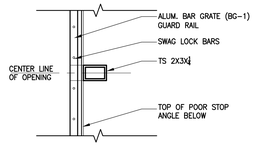






16 A902 PLAN DETAIL @ GUARD RAIL

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"



17 A902 PLAN DETAIL @ POST

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"

22 A902 PIPE GUARD RAIL – STAIR C

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"

19 A902 PIPE GUARD RAIL – STAIR C

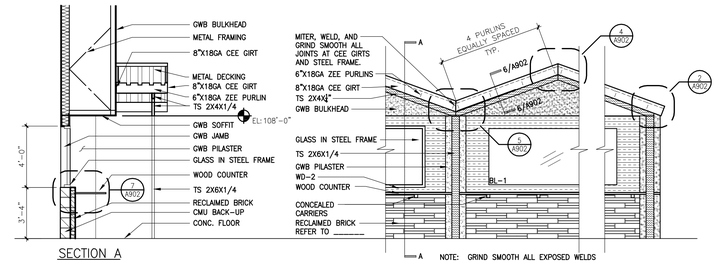
SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"

23 A902 ALUM. GRATE GUARD RAIL – STAIR A

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"

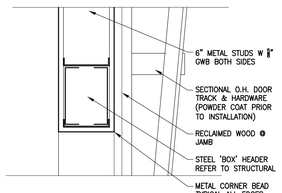
20 A902 ALUM. GRATE GUARD RAIL – STAIR A

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"



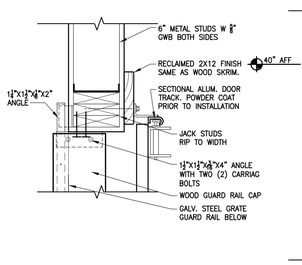
10 A902 NOT USED

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"



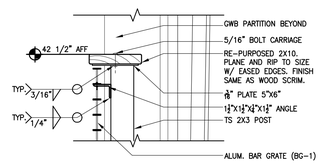
11 A902 HEAD DETAIL @ OHD-6

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"



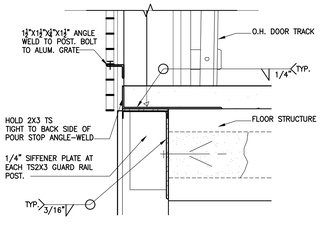
12 A902 JAMB DETAIL @ OHD-6

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"



13 A902 DETAIL @ TOP OF GUARD RAIL

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"

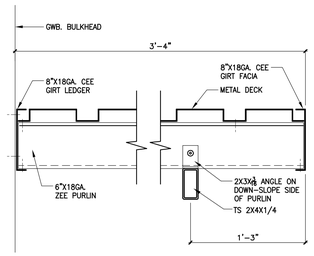


14 A902 SILL DETAIL @ OHD-6

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"

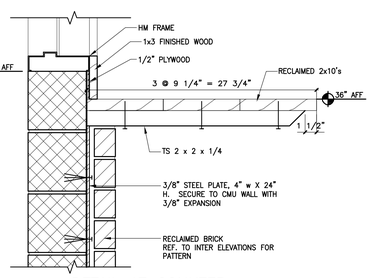
1 A902 SECTION/ ELEVATION

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



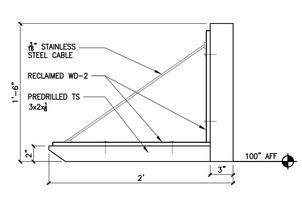
6 A902 CANOPY SECTION DETAIL

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"



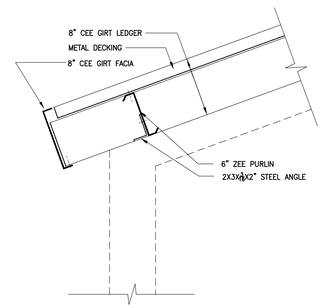
7 A902 DETAIL AT COUNTER

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"



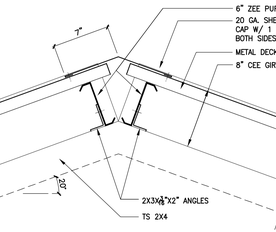
8 A902 CANOPY DETAIL

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"



2 A902 CANOPY EAVE DETAIL

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"

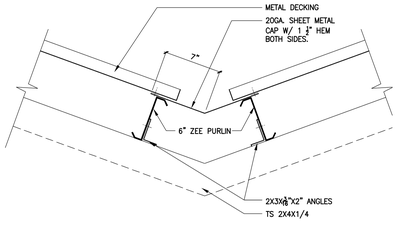


3 A902 INTERMEDIATE PURLIN DETAIL

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"

4 A902 CANOPY RIDGE DETAIL

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"



5 A902 CANOPY VALLEY DETAIL

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"

9 A902 NOT USED

SCALE: 1 1/2"= 1'-0" 0' 2" 4" 8" 12"

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

STRANG INC.
6411 MINERAL POINT ROAD
MADISON, WI 53705-4395

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

INTERIOR DETAILS

SHEET NO.

A902

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