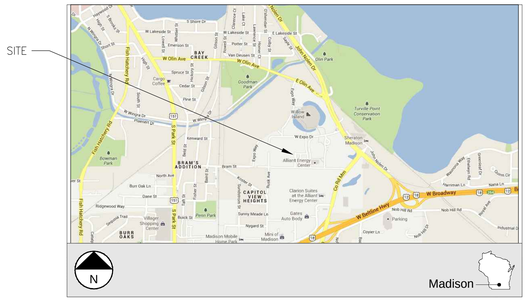
ALLIANT ENERGY CENTER PAVILIONS

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

CONSTRUCTION DOCUMENTS

County Bid No.:313072 - REBID
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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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

TITLE SHEET - VOLUME ONE

SHEET NO.

TS01

STRANG

Symbol Legends

MATERIAL SYMBOL LEGEND

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

DRAWING SYMBOL LEGEND

N — NORTH ARROW	1 — COLUMN GRID NUMBER
N TN — NORTH ARROW (Project North & True North)	VERTICAL ELEVATION
DETAIL REFERENCE: 1 Detail Number / A5.1 Sheet Number	123 — ROOM NUMBER
	123 — DOOR NUMBER
SECTION REFERENCE: 1 Section Number / A5.1 Sheet Number	A — PARTITION TYPE
BUILDING SECTION REFERENCE: 1 Building Section Number / A5.1 Sheet Number	12 — SPECIFIC DEMOLITION NOTE
	12 — SPECIFIC ARCHITECTURAL NOTE
INTERIOR ELEVATION: 1 Interior Elevation Number / A5.1 Sheet Number	W1 — WINDOW TYPE
	BL-1 — BORROWED LIGHT TYPE
1 REVISION (Cloud Around Revision)	Q1 — 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
BETW	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
W/O	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

STRANG

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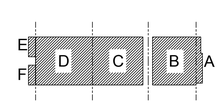
PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713



KEY PLAN

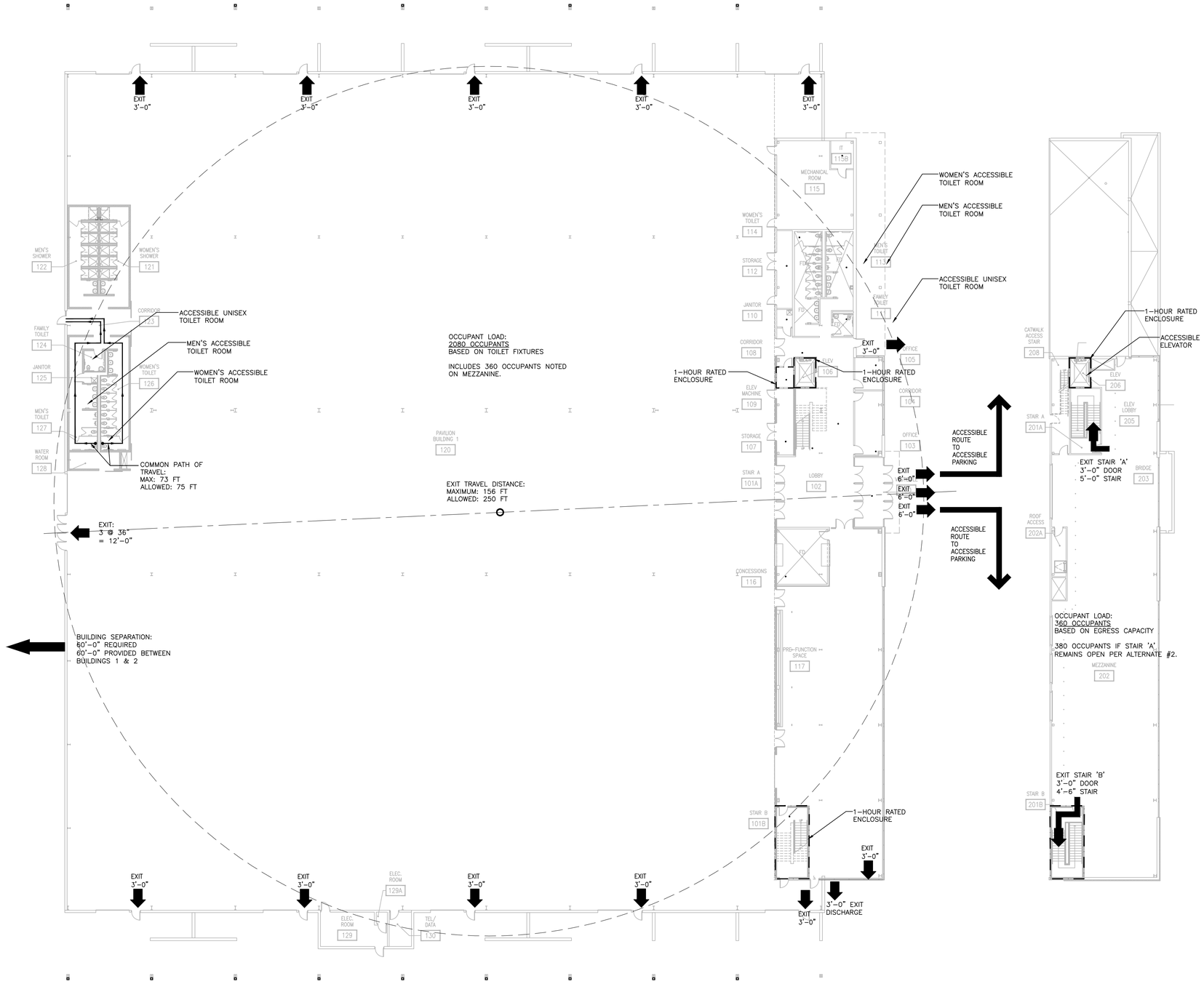
SHEET TITLE

GENERAL INFORMATION

SHEET NO.

G001

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-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:

Basement: None First Floor: 100,420 gross sq. ft. Mezzanine: 12,845 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 – 0 Hours
- Bearing walls, interior – 0 Hours

Fire Resistance Hourly Ratings for Separations:
- Vertical Exit Enclosures (IBC Section 1022) – 1 Hour
- Exit Passageways (IBC Section 1023) – 0 Hours
- Elevator hoistways and equipment rooms (Chapter 30) – 1 Hours
- Shaft Enclosures (IBC Section 708.4) – 1 Hours
- Corridors(IBC Table 1018.1) – 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	~~1125 Occupants~~
	Occupants per wc	use 1040 Occupants
	Women: 16 wc @ 65	1040 Occupants
	Occupants per wc	
	Total	2080 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		2080 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 Men	Water Closets Women	Lavatories Men	Lavatories Women	Drinking Fountains	Service Sinks
Total required	8.4	16.0	5.25	5.25	5	1
Total provided	9(2,3)	16(3)	7(2,3)	7(3)	0(4)	2

Notes:
(1.) Calculations are based upon an occupant load of 2100 (50% men, 50% women). 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: SPS 362.2902 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.
2. PER IFC SECTION 906.1, EXCEPTION; "PORTABLE FIRE EXTINGUISER TO BE PROVIDED WITHIN 30' OF COMMERCIAL COOKING EQUIPMENT", LOCATE IN CONCESSIONS 143'. PROVIDE PORTABLE FIRE EXTINGUISHER WITHIN AREA "E" NEAR WELDING EQUIPMENT. PORTABLE FIRE EXTINGUISHERS FOR REMAINDER OF BUILDING TO BE O.F.O.I. BASED UPON THE REQUIREMENTS OF THE IFC (INTERNATIONAL FIRE CODE) AND THE REQUIREMENTS OF THE LOCAL FIRE DEPARTMENT.

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

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

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F/ 608 276 9204

DRAWING SET	CD
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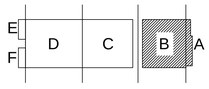
FILE NAME	2013027_02-LS01.DWG
REVISIONS	09-17-13
DRAWN	MJ
CHECKED	RG
DATE	10-29-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713



KEY PLAN

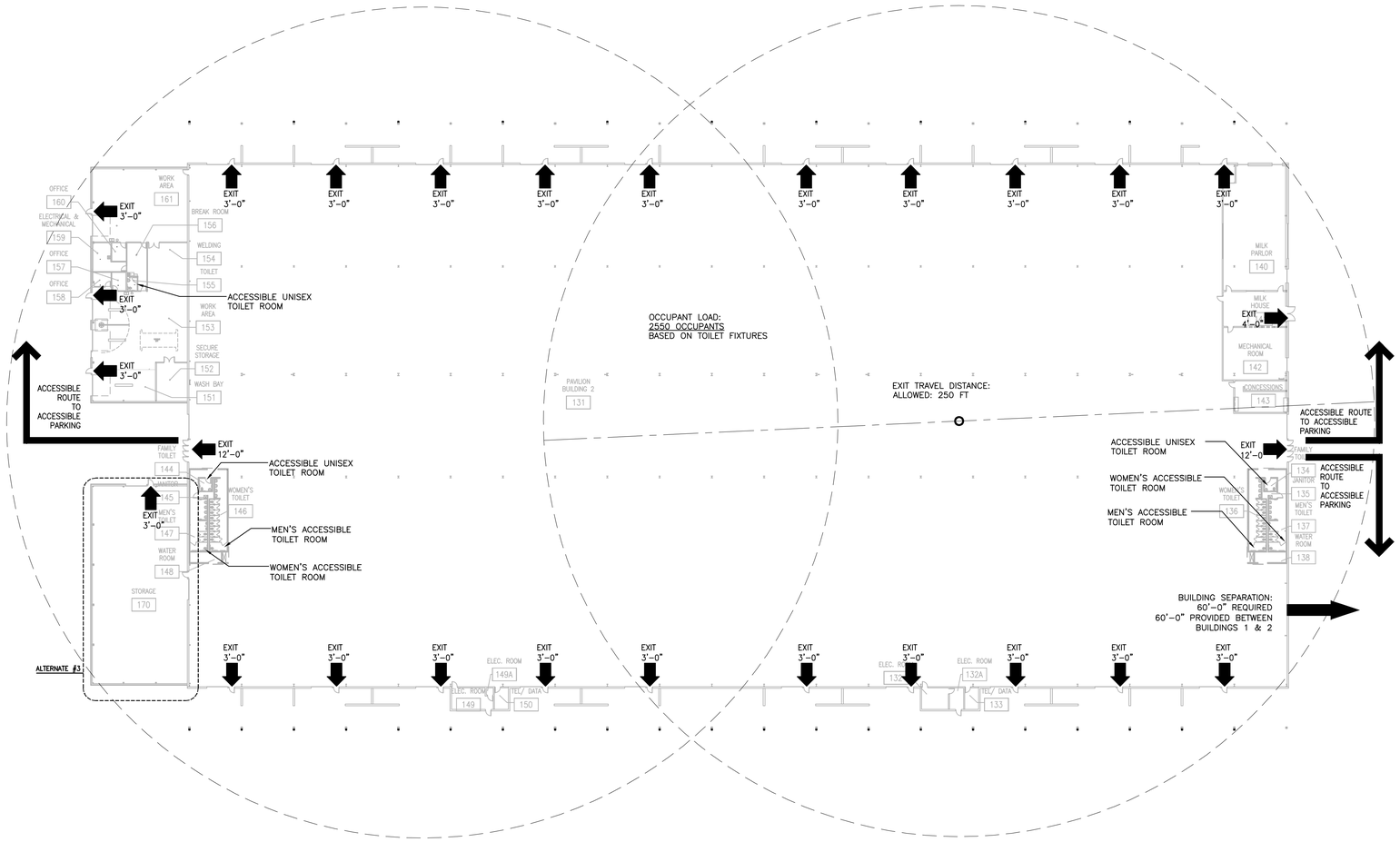
SHEET TITLE

BUILDING 1
LIFE SAFETY &
CODE INFORMATION

SHEET NO.

LS01

CARLOS RUIZ 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-LS01.DWG



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 – 0 Hours
- Bearing walls, interior – 0 Hours

Fire Resistance Hourly Ratings for Separations:

- Vertical Exit Enclosures (IBC Section 1022) – 1 Hour
- Exit Passageways (IBC Section 1023) – 0 Hours
- Shaft Enclosures (IBC Section 708.4) – 1 Hours
- Corridors(IBC Table 1018.1) – 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	Subtotal: Occ. Load
	Calculation	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

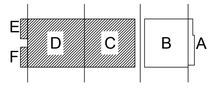
Number of Fixtures	Water Closets		Lavatories		Drinking Fountains	Service Sinks
	Men	Women	Men	Women		
Total required	10	20	6	7	5	1
Total provided	6(2)	20(2,3)	8	10(3)	0(4)	2

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: SPS 362.2902 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.
2. PER IFC SECTION 906.1, EXCEPTION: "PORTABLE FIRE EXTINGUISER TO BE PROVIDED WITHIN 30' OF COMMERCIAL COOKING EQUIPMENT", LOCATE IN CONCESSIONS 143'. PROVIDE PORTABLE FIRE EXTINGUISHER WITHIN AREA "E" NEAR WELDING EQUIPMENT. PORTABLE FIRE EXTINGUISHERS FOR REMAINDER OF BUILDING TO BE O.F.O.I. BASED UPON THE REQUIREMENTS OF THE IFC (INTERNATIONAL FIRE CODE) AND THE REQUIREMENTS OF THE LOCAL FIRE DEPARTMENT.



KEY PLAN

STRANG

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MADISON, WI 53705-4395

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REVISIONS	09-17-13
DRAWN	MJ
CHECKED	RG
DATE	10-29-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

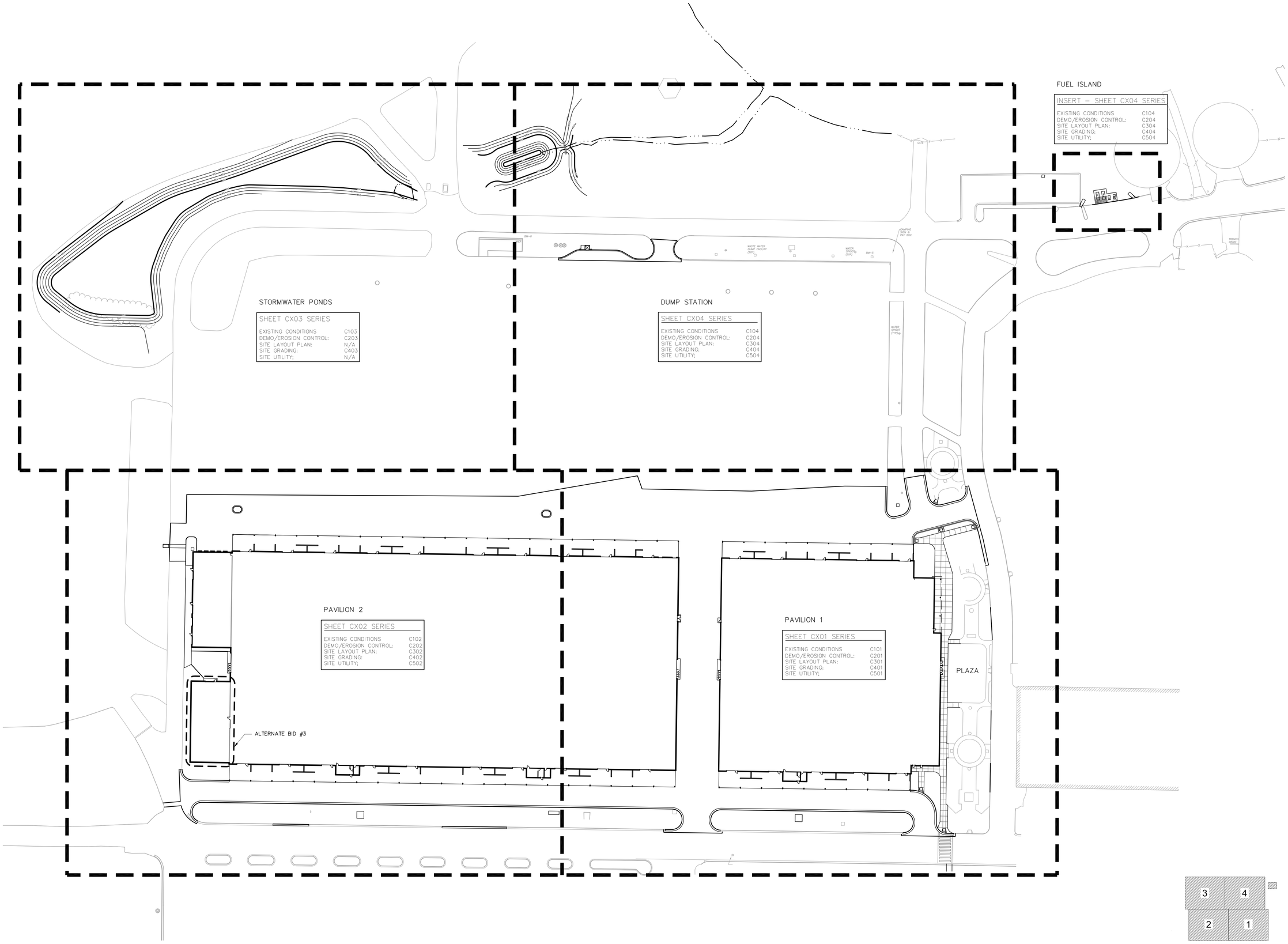
SHEET TITLE

BUILDING 2 LIFE SAFETY & CODE INFORMATION

SHEET NO.

LS02

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-LS02.DWG



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

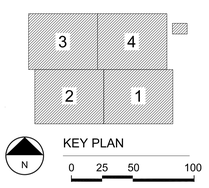
PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

KEY PLAN



SHEET NO.

C000

KATIE MACDONALD 2013-5-28 3:13 PM P:\25002\2512_ALLIANTE\HICAD\P-SP.DWG

LEGEND

- CHISELED "X" SET
- COTTON SPINDLE SET
- 1⅝"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
- SANITARY SEWER
- WATER LINE
- STORM SEWER
- NATURAL GAS
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- FIBER OPTIC
- OVERHEAD TELEPHONE
- UNDERGROUND TELEPHONE
- OVERHEAD CABLE
- UNDERGROUND CABLE
- 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
- 849.29 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

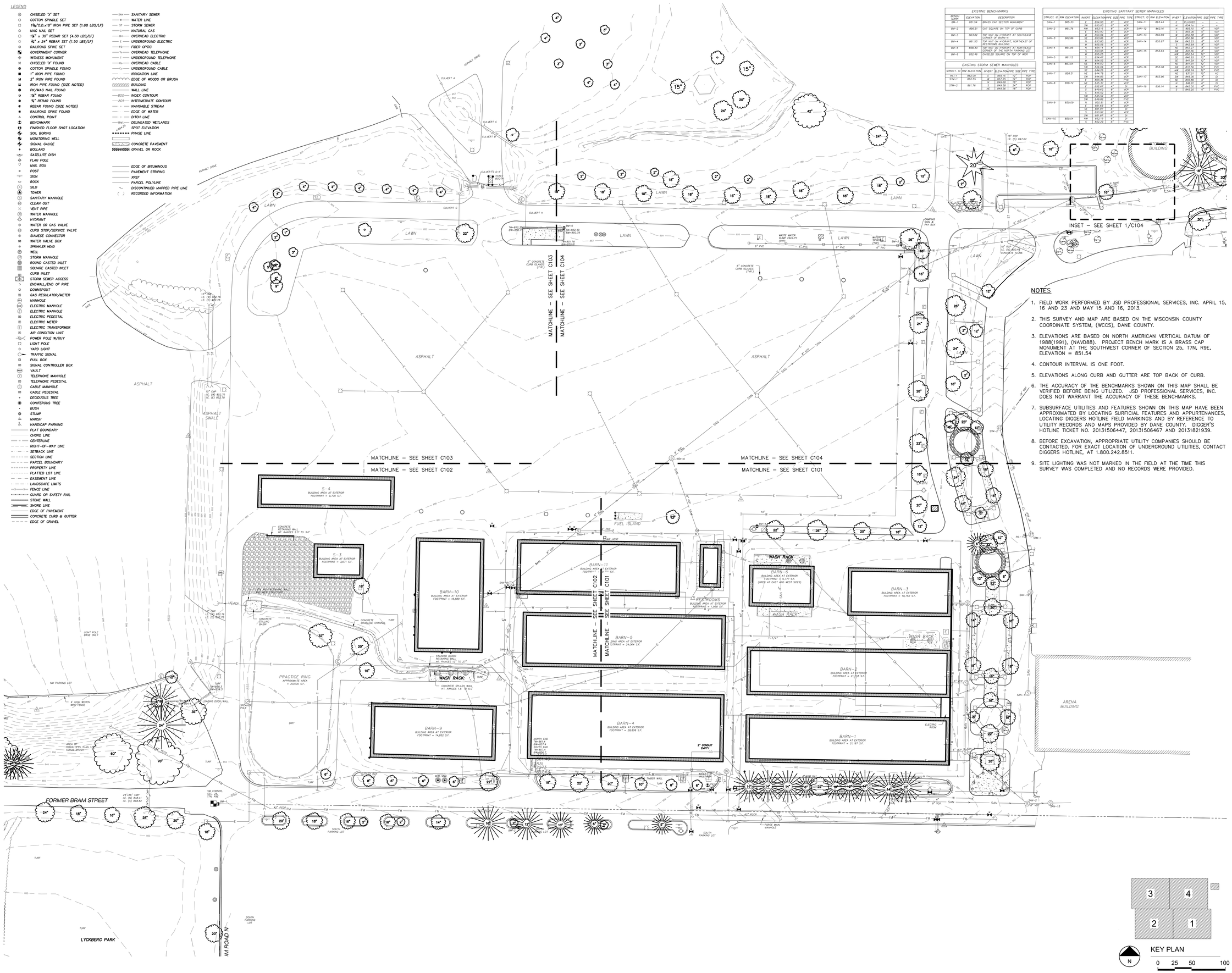
BENCH MARK	ELEVATION	DESCRIPTION
BM-1	851.54	BRASS CAP SECTION MONUMENT
BM-2	856.51	CUT SQUARE ON TOP OF CURB
BM-3	863.82	TOP NUT ON HYDRANT AT SOUTHEAST CORNER OF BARN-4
BM-4	861.53	TOP NUT ON HYDRANT, NORTHEAST OF BARN-10 (WEST SIDE)
BM-5	858.33	TOP NUT ON HYDRANT AT NORTHEAST CORNER OF THE NORTH PARKING LOT
BM-6	852.46	CHISELED SQUARE ON TOP OF WEIR

EXISTING STORM SEWER MANHOLES

STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
INL-1	862.00	S	859.10	15"	RCP
STM-1	862.55	E	857.25	24"	RCP
		N	849.65	18"	RCP
STM-2	861.76	S	849.58	24"	RCP
		NE	849.56	18"	RCP

EXISTING SANITARY SEWER MANHOLES

STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
SAN-1	865.33	E	854.33	8"	VCP
		SW	854.33	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	853.83	8"	VCP
SAN-4	861.95	E	854.14	8"	VCP
		S	853.95	8"	VCP
		W	853.25	8"	VCP
SAN-5	861.12	S	854.47	8"	VCP
		W	854.50	8"	VCP
SAN-6	857.04	NE	844.04	8"	VCP
		SW	844.04	8"	VCP
		SE	844.26	8"	VCP
SAN-7	858.31	NE	844.78	8"	VCP
		SW	844.85	8"	VCP
		E	854.36	4"	PVC
SAN-8	858.72	N	852.72	8"	VCP
		E	852.61	8"	VCP
		S	843.62	8"	VCP
		W	843.52	8"	VCP
		SW	843.52	8"	VCP
		SW	843.62	8"	PVC
SAN-9	859.09	N	852.91	8"	VCP
		E	852.91	8"	VCP
		SE	851.87	12"	DI
		S	852.87	8"	VCP
		SW	851.87	8"	DI
SAN-10	859.04	NW	852.19	8"	DI
		S	852.29	8"	PVC
SAN-11	863.44	E	852.02	8"	PVC
		W	852.02	8"	PVC
SAN-12	862.16	N	855.15	4"	VCP
		S	855.06	4"	VCP
SAN-13	860.89	W	850.88	8"	VCP
		E	850.88	8"	VCP
SAN-14	855.87	SW	842.25	8"	VCP
		E	842.25	8"	VCP
		NE	842.17	8"	VCP
SAN-15	853.64	SW	841.16	8"	VCP
		NW	850.54	12"	VCP
		SE	846.65	12"	VCP
		E	841.14	8"	VCP
		W	841.14	8"	VCP
SAN-16	853.08	SW	837.54	12"	PVC
		NW	838.74	12"	PVC
		NE	837.71	15"	AC
SAN-17	853.96	SW	849.56	4"	DI
		SE	849.86	4"	DI
		N	849.86	4"	DI
SAN-18	856.14	N	849.55	8"	PVC
		S	849.20	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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FILE NAME	P-EX.DWG
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PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

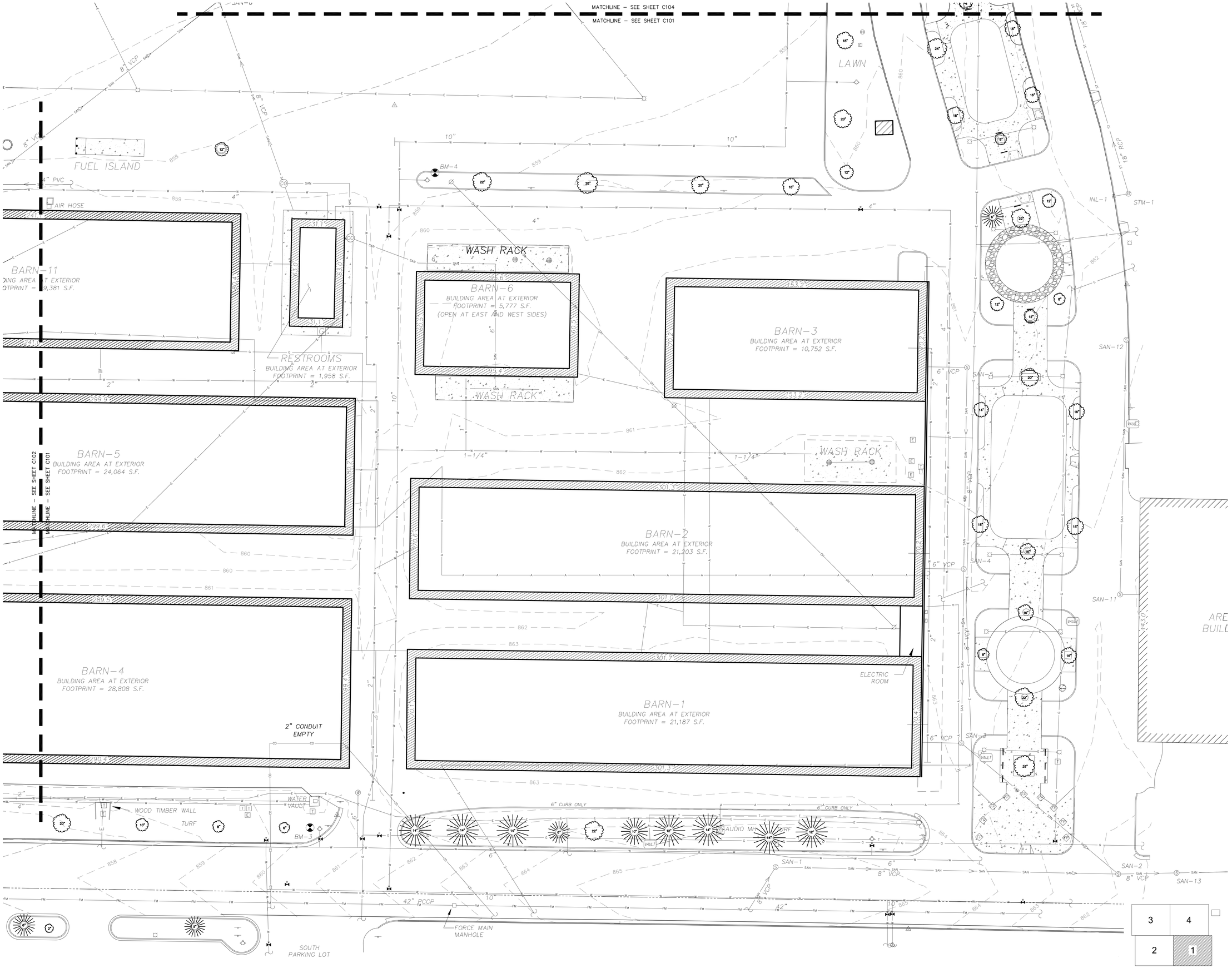
SHEET TITLE

EXISTING CONDITIONS

SHEET NO.

C100

KATIE MACDONALD 2013-5-28 3:13 PM P:\25052\312_ALLIANTEN\CAD\P-EX.DWG



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REVISIONS	
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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

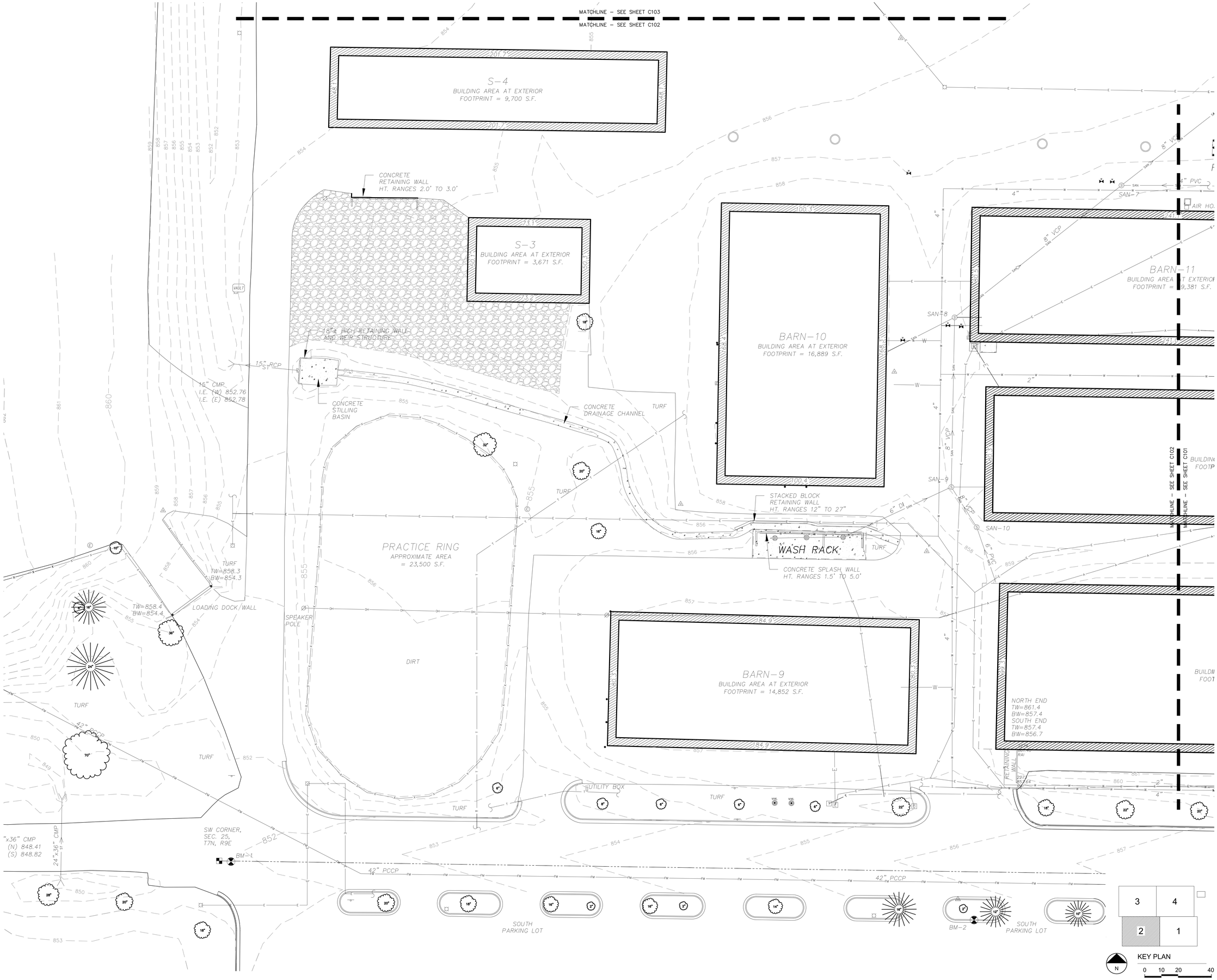
SHEET TITLE

EXISTING CONDITIONS ENLARGEMENT

SHEET NO.

C101

KATIE MACDONALD 2013-5-28 3:13 PM P:\25000\2512_ALLIANT\EXHCAD\P-EX.DWG



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DRAWN	KM
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DATE	10-29-13
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

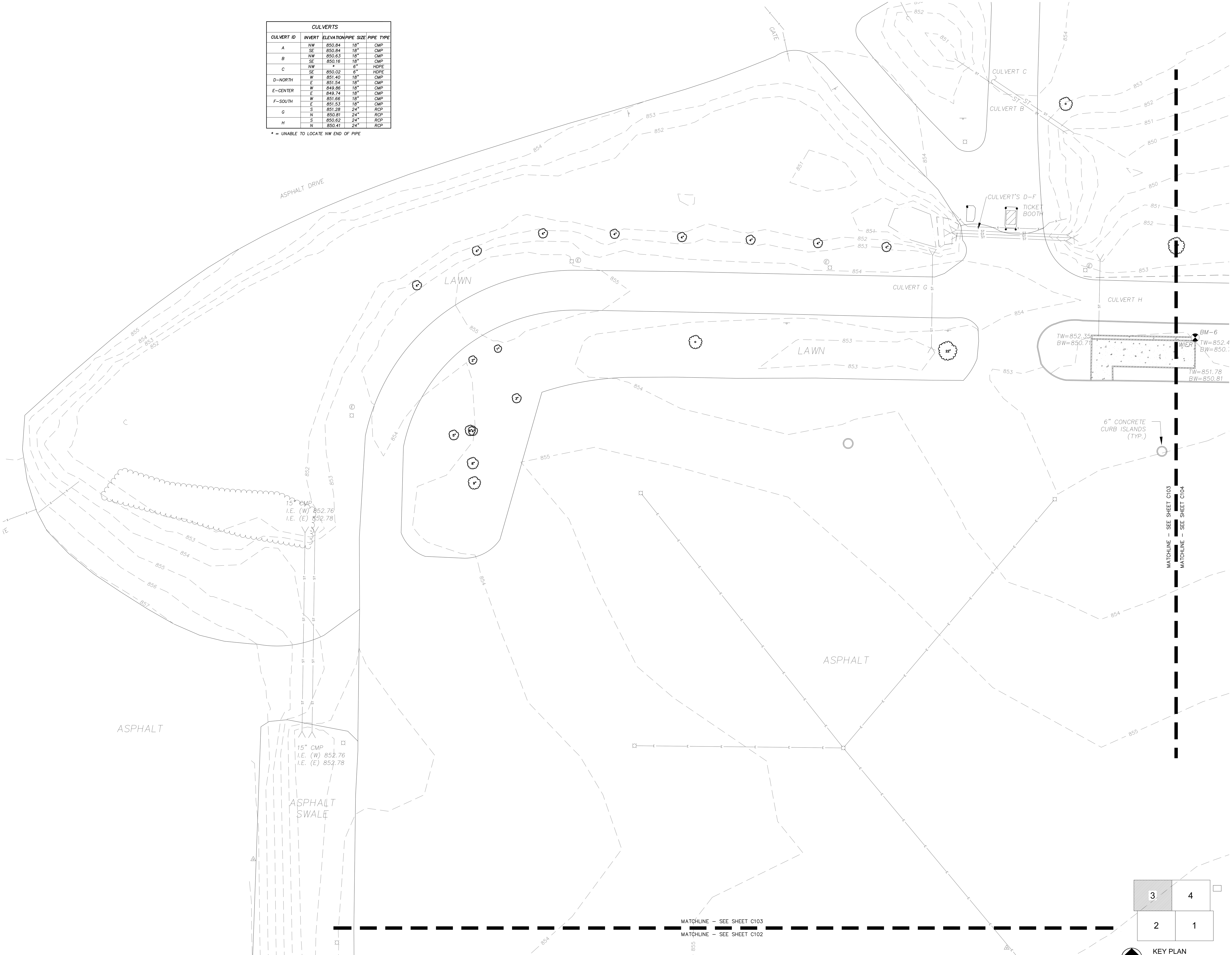
SHEET NO.

C102

KATIE MACDONALD 2013-5-28 3:13 PM P:\2009\2012_ALLIANTEN\CAD\P-EX.DWG

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



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1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

EXISTING
CONDITIONS
ENLARGEMENT

KEY PLAN

3 4
2 1

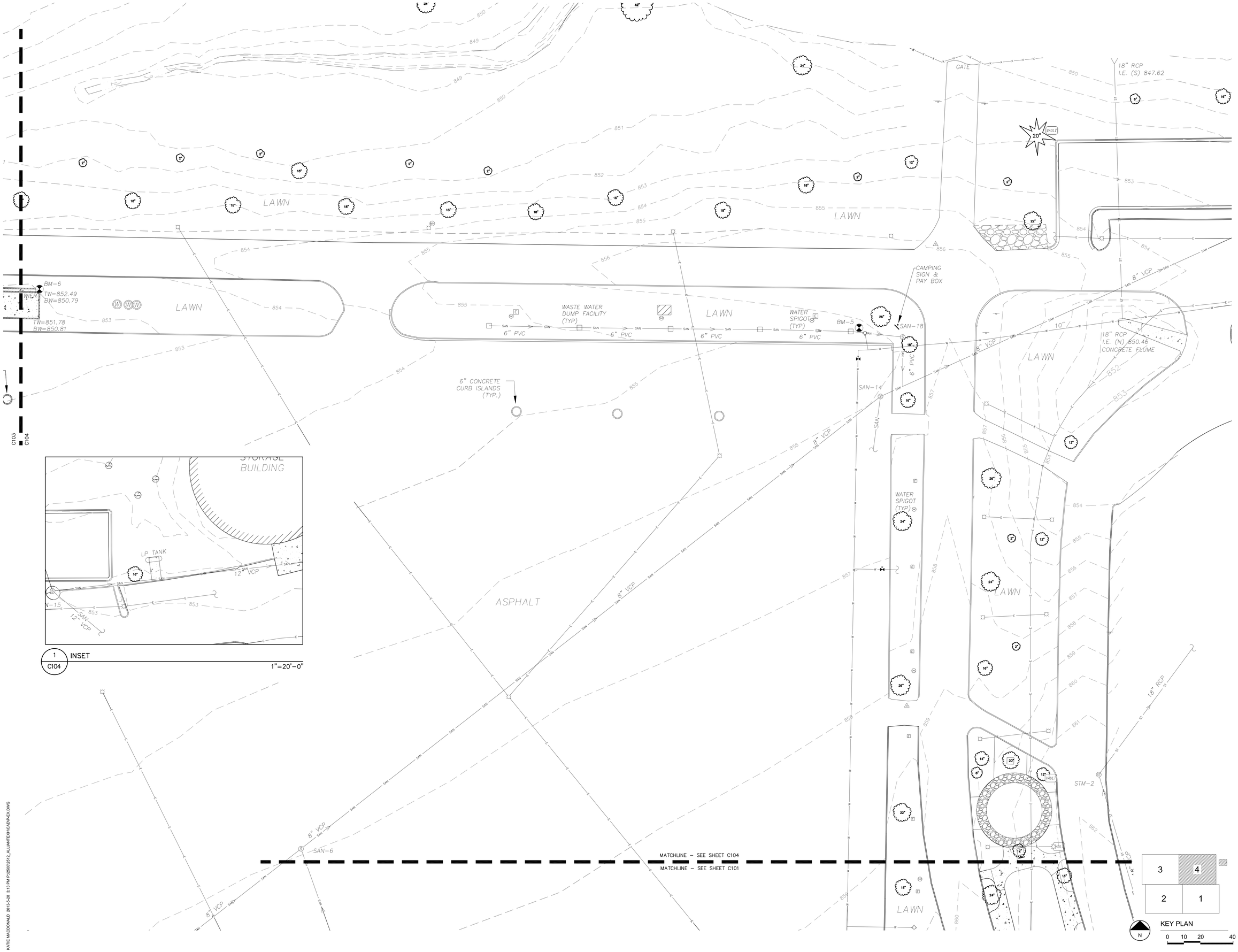
N

0 10 20 40

SHEET NO.

C103

KATIE MACDONALD 2013-5-28 3:13 PM P:\2500\2512_ALLIANTEXH\CAD\P-EX.DWG



1 C104 INSET

1"=20'-0"

KEY PLAN

0 10 20 40

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CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

EXISTING
CONDITIONS
ENLARGEMENT

SHEET NO.

C104

KATIE MACDONALD 2013-5-28 3:13 PM P:\2509\2512_ALLIANTEX\HCAD\P-EX.DWG

LEGEND:

ABANDON OR REMOVE UTILITY

REMOVE CURB

TREE PROTECTION

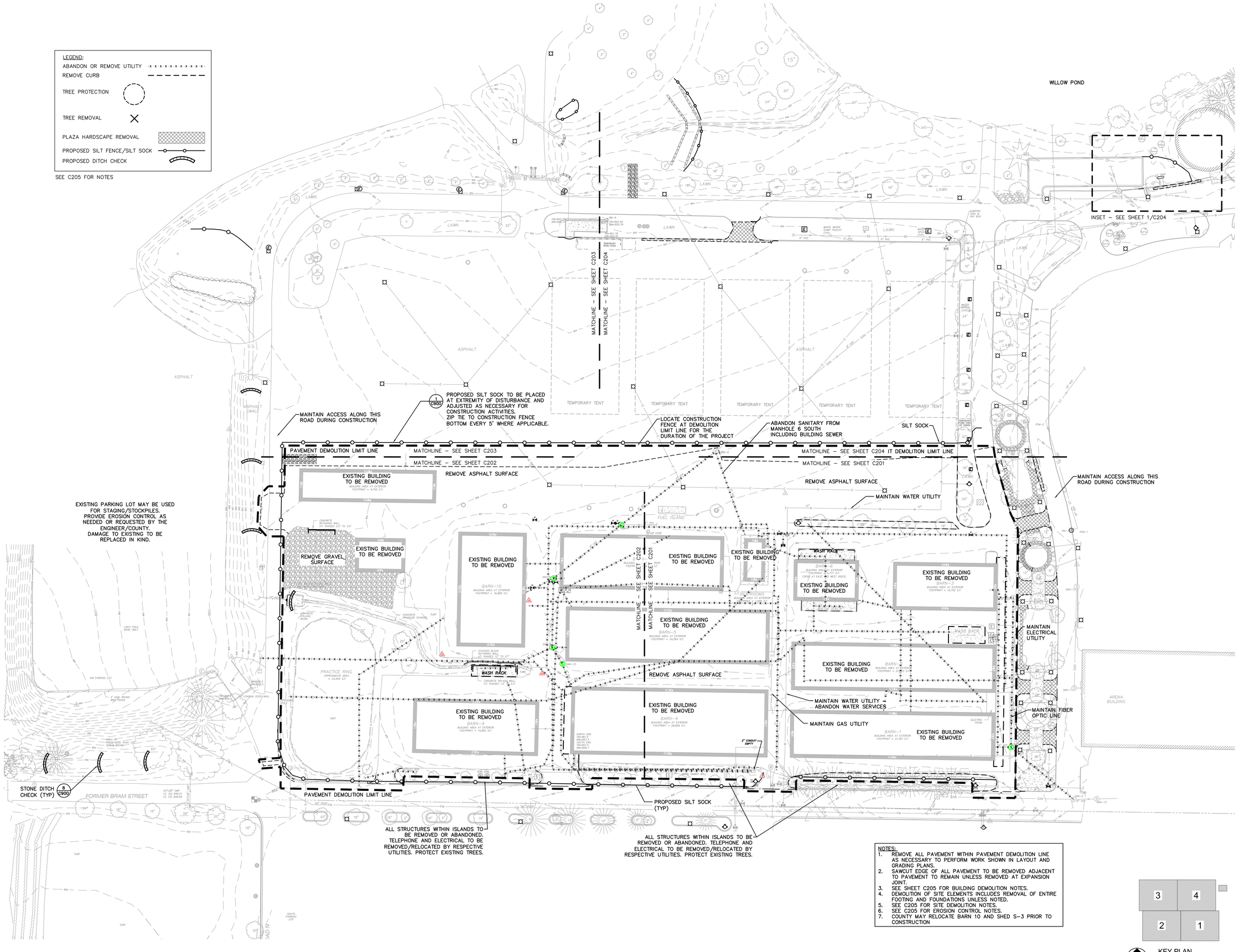
TREE REMOVAL

PLAZA HARDSCAPE REMOVAL

PROPOSED SILT FENCE/SILT SOCK

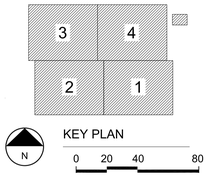
PROPOSED DITCH CHECK

SEE C205 FOR NOTES



NOTES:

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.
7. COUNTY MAY RELOCATE BARN 10 AND SHED S–3 PRIOR TO CONSTRUCTION



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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.

C200

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MATCHLINE – SEE SHEET C204

MATCHLINE – SEE SHEET C201

MATCHLINE – SEE SHEET C202

MATCHLINE – SEE SHEET C201

SAWCUT PAVEMENT

LIGHT POLE TO REMAIN

LIGHT POLE TO REMAIN

TREE PROTECTION

EXISTING HYDRANT TO REMAIN

REMOVE CONCRETE CURB (TYP)

RELOCATE EXISTING ELECTRICAL SERVICES AND REMOVE BUILDING – SEE ELECTRICAL PLAN FOR DETAILS. ELECTRICAL SERVICE TO THE TEMPORARY TENTS MUST BE MAINTAINED DURING CONSTRUCTION OR THE CONTRACTOR SHALL PROVIDE TEMPORARY EQUIVALENT SERVICES.

REMOVE TREE

REMOVE TREE

REMOVE GRAVEL

REMOVE TREE

SAWCUT AND REMOVE CONCRETE PAVEMENT

REMOVE LAWN

REMOVE CONCRETE CURB

REMOVE TREE FILL HOLE AND REPAIR IN KIND WITH SURROUNDING HARDSCAPE (TYP)

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 FUEL ISLAND STRUCTURES AND CONCRETE PAVEMENT

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

REMOVE TREE AND CURB

FUEL ISLAND

AIR HOSE

PROTECT AND MAINTAIN EXISTING 10" WATER

REMOVE LATERAL TO MAIN AND CAP

REMOVE TREE

REMOVE TREE

REMOVE TREE

REMOVE TREE

REMOVE HYDRANT

REMOVE CONCRETE CURB

REMOVE WASH RACK AND CONCRETE PAVEMENT

SEE SHEET C200 FOR ADDITIONAL PAVEMENT REMOVAL

WASH RACK

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

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

REMOVE CONCRETE RAMP

REMOVE TREE

SAWCUT CONCRETE PAVEMENT

REMOVE TREE FILL HOLE AND REPAIR IN KIND WITH SURROUNDING HARDSCAPE (TYP)

5 C900 TREE PROTECTION

REMOVE CURB, SAWCUT AND REMOVE ASPHALT PAVEMENT

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

REMOVE TREE FILL HOLE AND REPAIR IN KIND WITH SURROUNDING HARDSCAPE (TYP)

REMOVE CURB AND ASPHALT PAVEMENT

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

PROTECT EXISTING LIGHTS TO REMAIN

5 C900 TREE PROTECTION

REMOVE TREE FILL HOLE AND REPAIR IN KIND WITH SURROUNDING HARDSCAPE (TYP)

REMOVE WASH RACK AND CONCRETE PAVEMENT

REMOVE WASH RACK AND CONCRETE PAVEMENT

REMOVE TREE

WASH RACK

SAWCUT CONCRETE PAVEMENT

REMOVE CONCRETE PAVEMENT

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

PROTECT AND MAINTAIN EXISTING ELECTRICAL AND FIBER OPTIC LINES

SAWCUT CONCRETE PAVEMENT

REMOVE TREE FILL HOLE AND REPAIR IN KIND WITH SURROUNDING HARDSCAPE (TYP)

5 C900 TREE PROTECTION

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

REMOVE TREE FILL HOLE AND REPAIR IN KIND WITH SURROUNDING HARDSCAPE (TYP)

OPTION: REMOVE CURB AND ASPHALT PAVEMENT

REMOVE CURB AND ASPHALT PAVEMENT

SAWCUT, TYP.

PROTECT AND MAINTAIN EXISTING GAS

PROTECT AND MAINTAIN EXISTING 10" WATER

REMOVE TREE

REMOVE TREE AND PATCH CONCRETE

ELECTRIC ROOM

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

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

2" CONDUIT EMPTY

REMOVE TIMBER WALL

ABANDON WATER VAULT

REMOVE CONCRETE CURB

REMOVE CONCRETE CURB

SEE SHEET C200 FOR ADDITIONAL PAVEMENT REMOVAL

ABANDON SEWER MAIN

5 C900 TREE PROTECTION, TYP.

SAWCUT, TYP.

5 C900 TREE PROTECTION, TYP.

5 C900 TREE PROTECTION, TYP.

PROTECT FLAGPOLES TO REMAIN (TYP)

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.

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

3	4
2	1

KEY PLAN

N

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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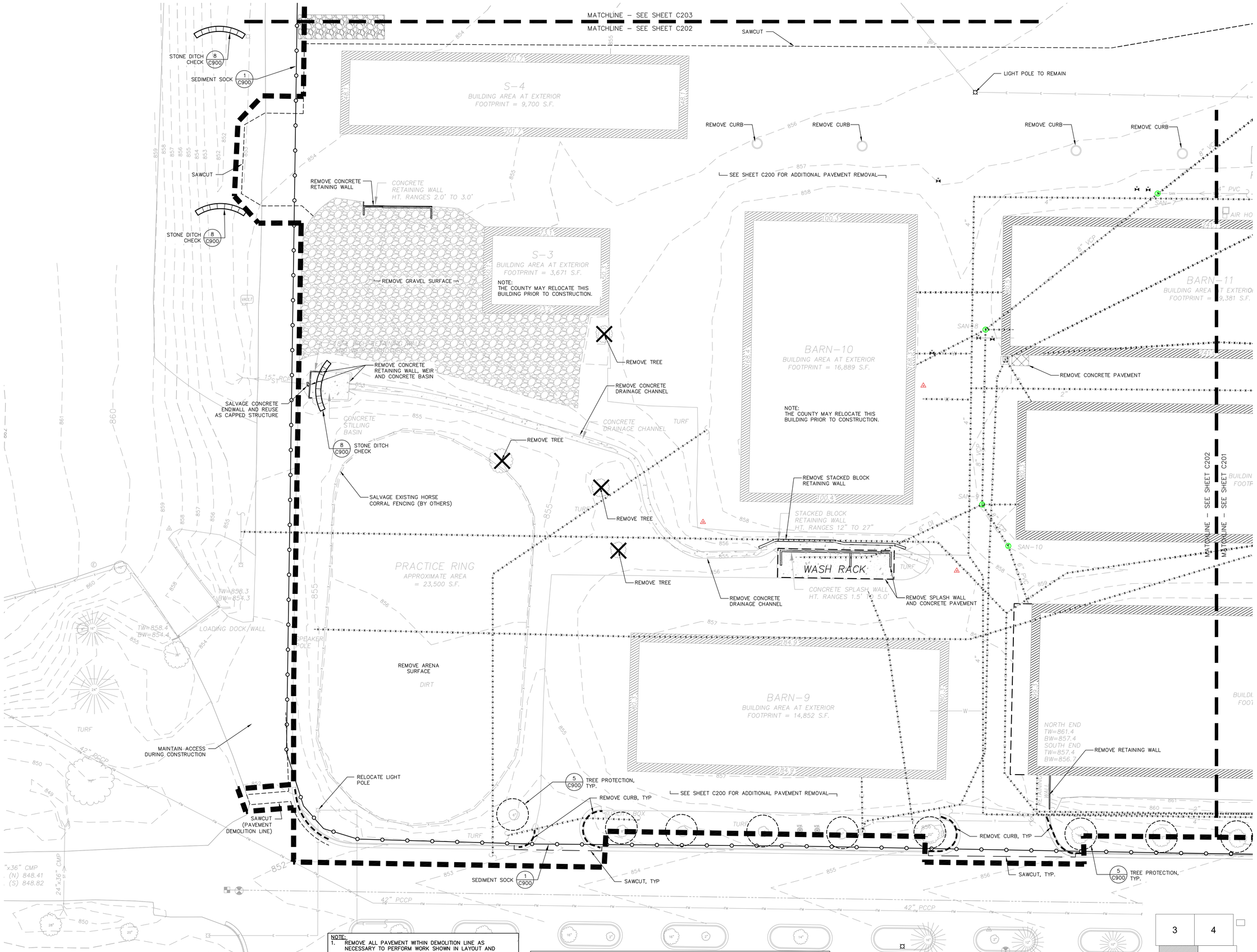

NOTE:
1. REMOVE ALL PAVEMENT WITHIN DEMOLITION LINE AS NECESSARY TO PERFORM WORK SHOWN IN LAYOUT AND GRADING PLANS.
2. SAWCUT EDGE OF ALL PAVEMENT TO BE REMOVED ADJACENT TO PAVEMENT TO REMAIN UNLESS REMOVED AT EXPANSION JOINT.
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5. SEE C205 FOR SITE DEMOLITION NOTES.
6. SEE C205 FOR EROSION CONTROL NOTES.
7. COUNTY MAY RELOCATE BARN 10 AND SHED S–3 PRIOR TO CONSTRUCTION

LEGEND:

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

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

SITE DEMOLITION & EROSION CONTROL PLAN

SHEET NO.

C202

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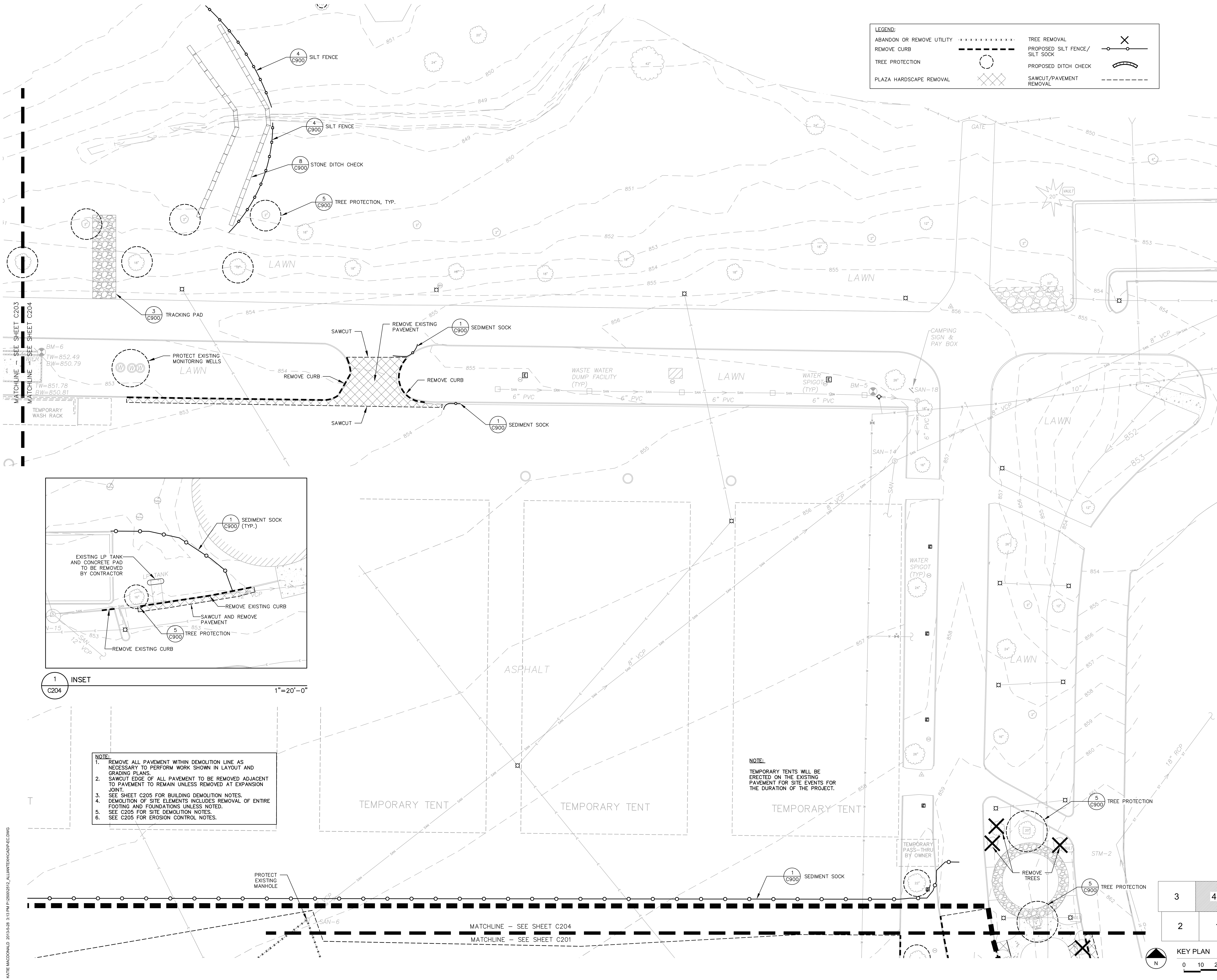

LEGEND:

ABANDON OR REMOVE UTILITY		TREE REMOVAL	
REMOVE CURB		PROPOSED SILT FENCE/ SILT SOCK	
TREE PROTECTION		PROPOSED DITCH CHECK	
PLAZA HARDSCAPE REMOVAL		SAWCUT/PAVEMENT REMOVAL	

INSET DETAIL:

SEDIMENT SOCK (TYP.)

EXISTING LP TANK AND CONCRETE PAD TO BE REMOVED BY CONTRACTOR

LP TANK

REMOVE EXISTING CURB

SAWCUT AND REMOVE PAVEMENT

TREE PROTECTION

REMOVE EXISTING CURB

1 INSET C204 1"=20'-0"

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.

NOTE:
TEMPORARY TENTS WILL BE ERECTED ON THE EXISTING PAVEMENT FOR SITE EVENTS FOR THE DURATION OF THE PROJECT.

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1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

KEY PLAN: 3 4 2 1

0 10 20 40

SHEET TITLE

SITE DEMOLITION & EROSION CONTROL PLAN

SHEET NO.

C204

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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 WSDOT 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 SANITARY DUMP STATION.
5. CONSTRUCT NEW STORMWATER FACILITIES AND DREDGE EXISTING AS SHOWN.
8. CONSTRUCT NEW FUEL STATION.
9. CONSTRUCT UTILITIES.
10. CONSTRUCT NEW PAVILION AND EXHIBITION CENTER.
11. CONSTRUCT CONCRETE CURB & PAVEMENT.
12. TOPSOIL, SEED AND MULCH/EROSION MAT ALL DISTURBED AREAS.
13. 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	10-29-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

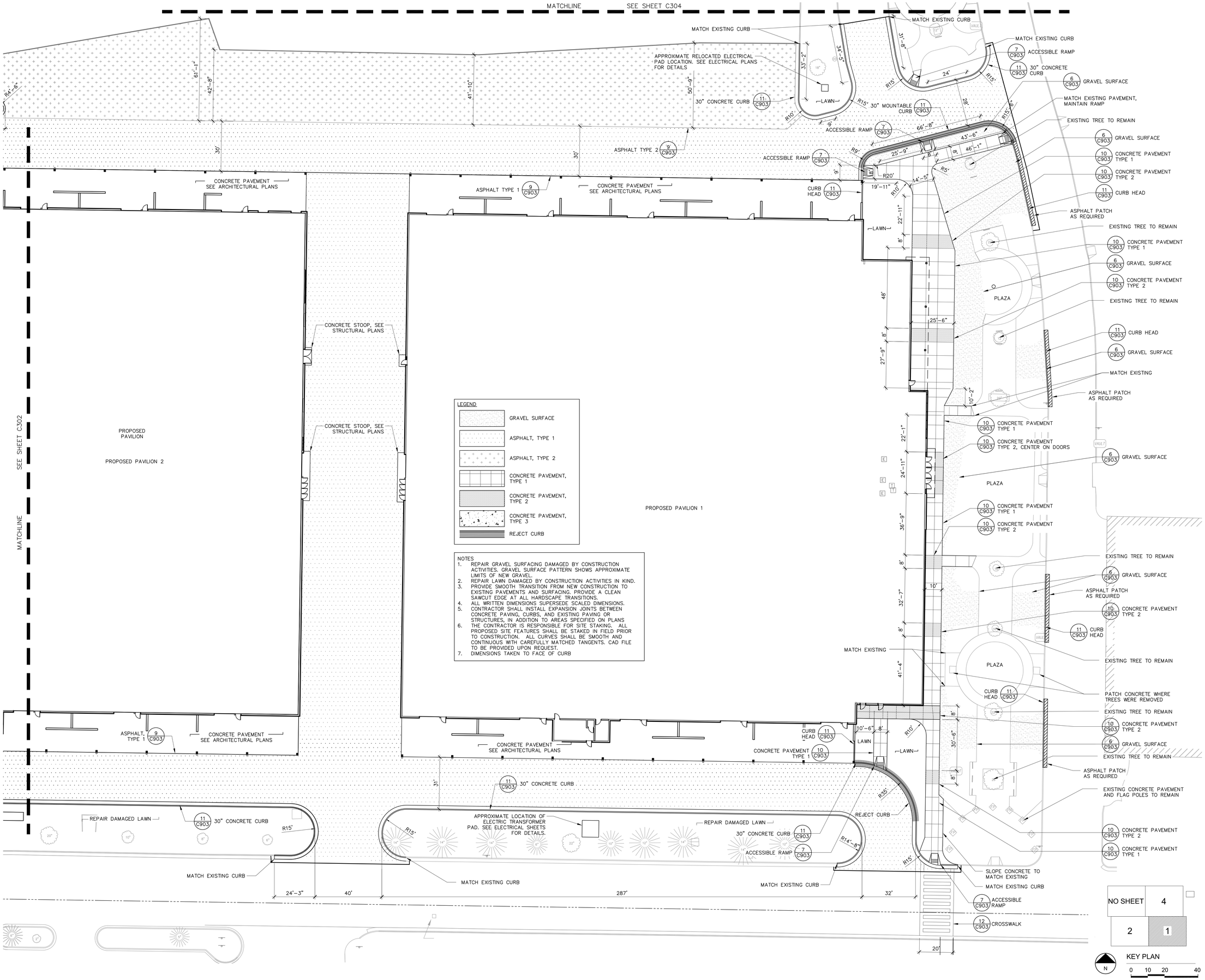
SHEET TITLE

DEMOLITION NOTES

SHEET NO.

C205

KATIE MACDONALD 2013-5-28 3:13 PM P:\25002512_ALLIANTE\HCAD\P-EC.DWG



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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

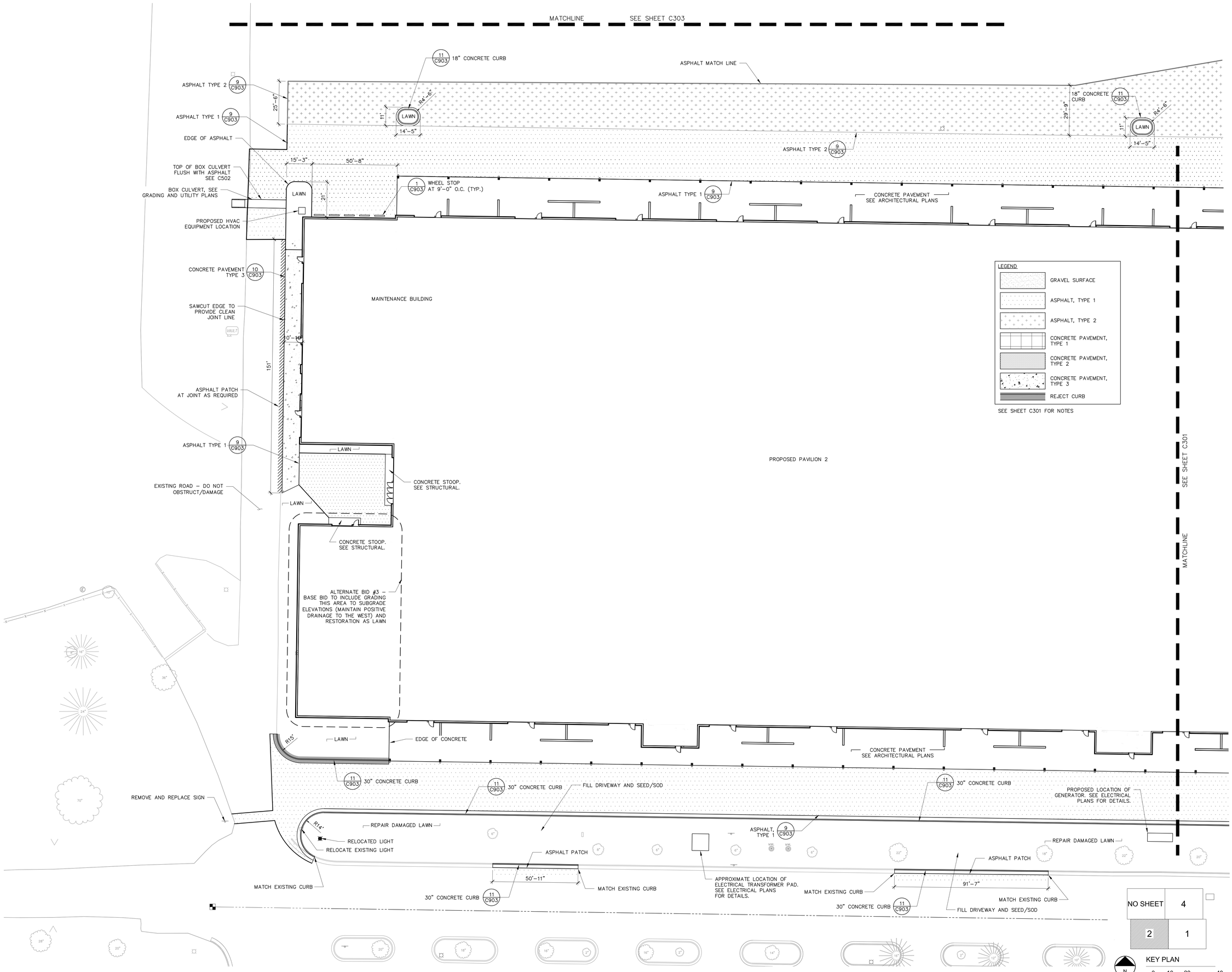
SHEET TITLE

SITE LAYOUT PLAN

SHEET NO.

C301

KATIE MACDONALD 2013-5-28 3:13 PM P:\2009\2012_ALLIANTEXH\CAD\P-SP.DWG



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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

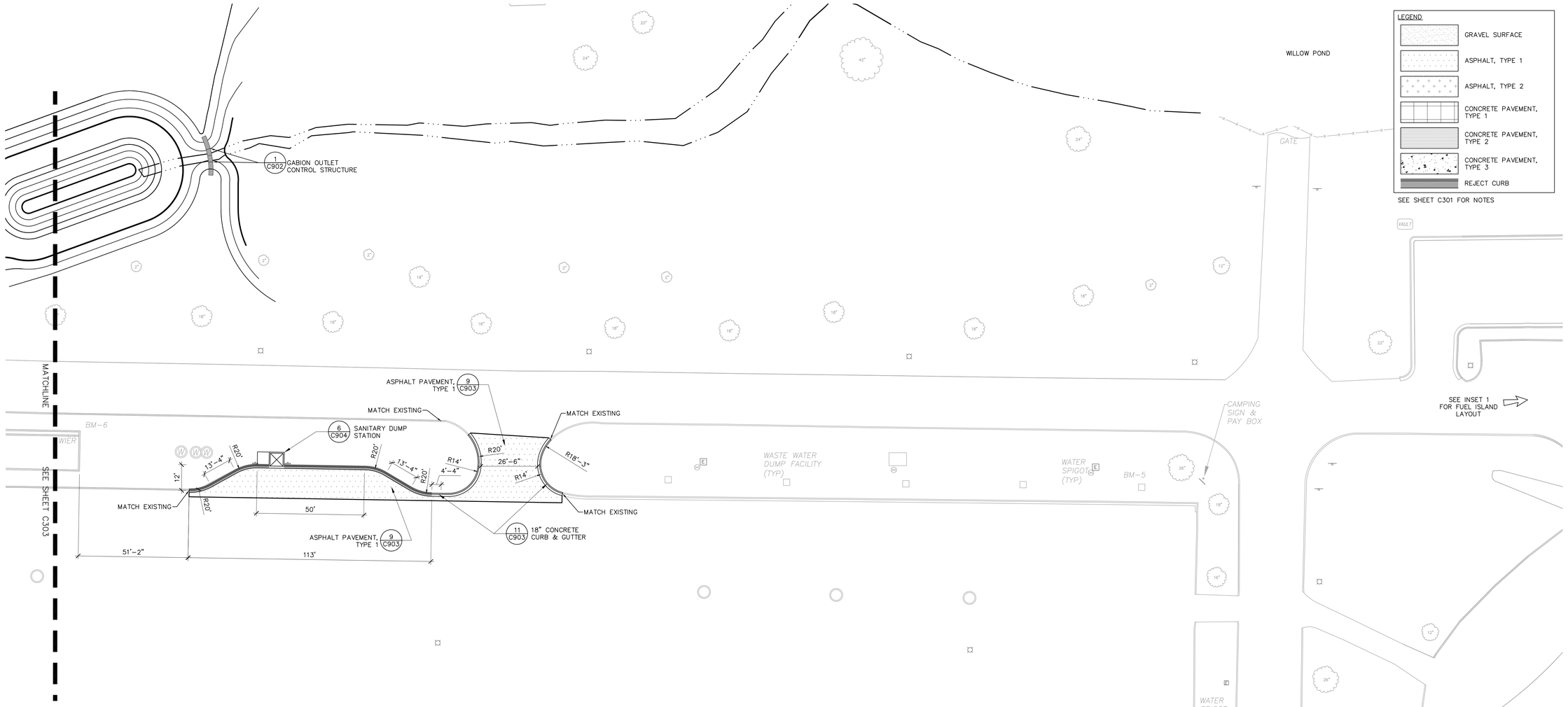
SHEET TITLE

SITE LAYOUT PLAN

SHEET NO.

C302

KATIE MACDONALD 2013-5-28 3:13 PM P:\2500\2512_ALLIANTEN\HCAD\P-SP.DWG



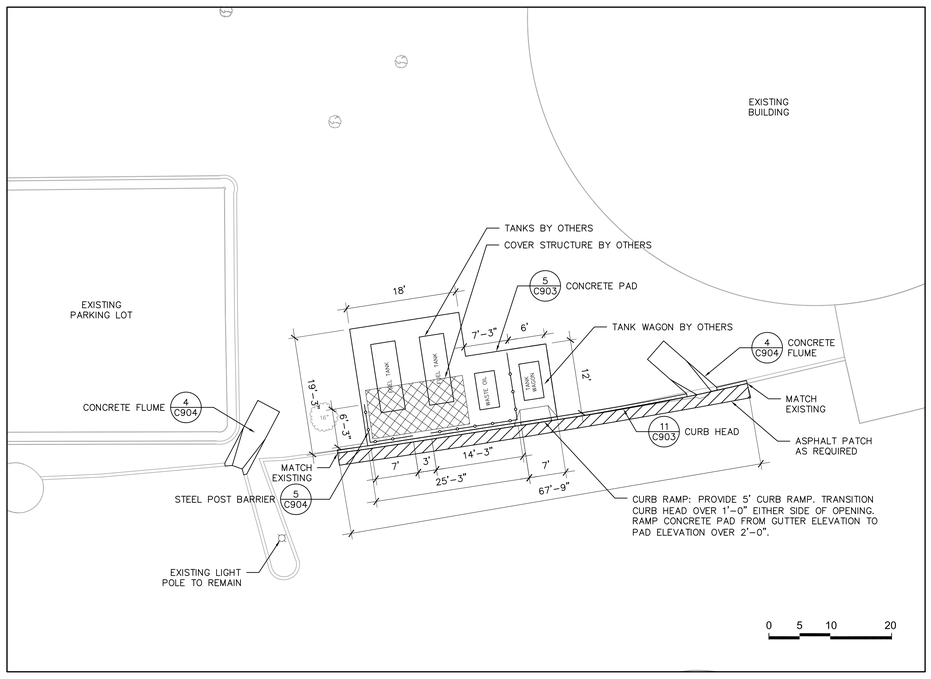
LEGEND

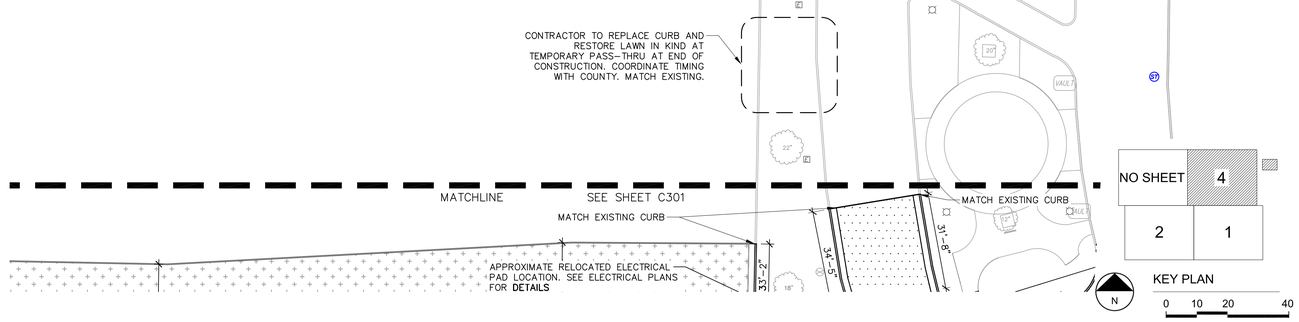
- GRAVEL SURFACE
- ASPHALT, TYPE 1
- ASPHALT, TYPE 2
- CONCRETE PAVEMENT, TYPE 1
- CONCRETE PAVEMENT, TYPE 2
- CONCRETE PAVEMENT, TYPE 3
- REJECT CURB

SEE SHEET C301 FOR NOTES

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

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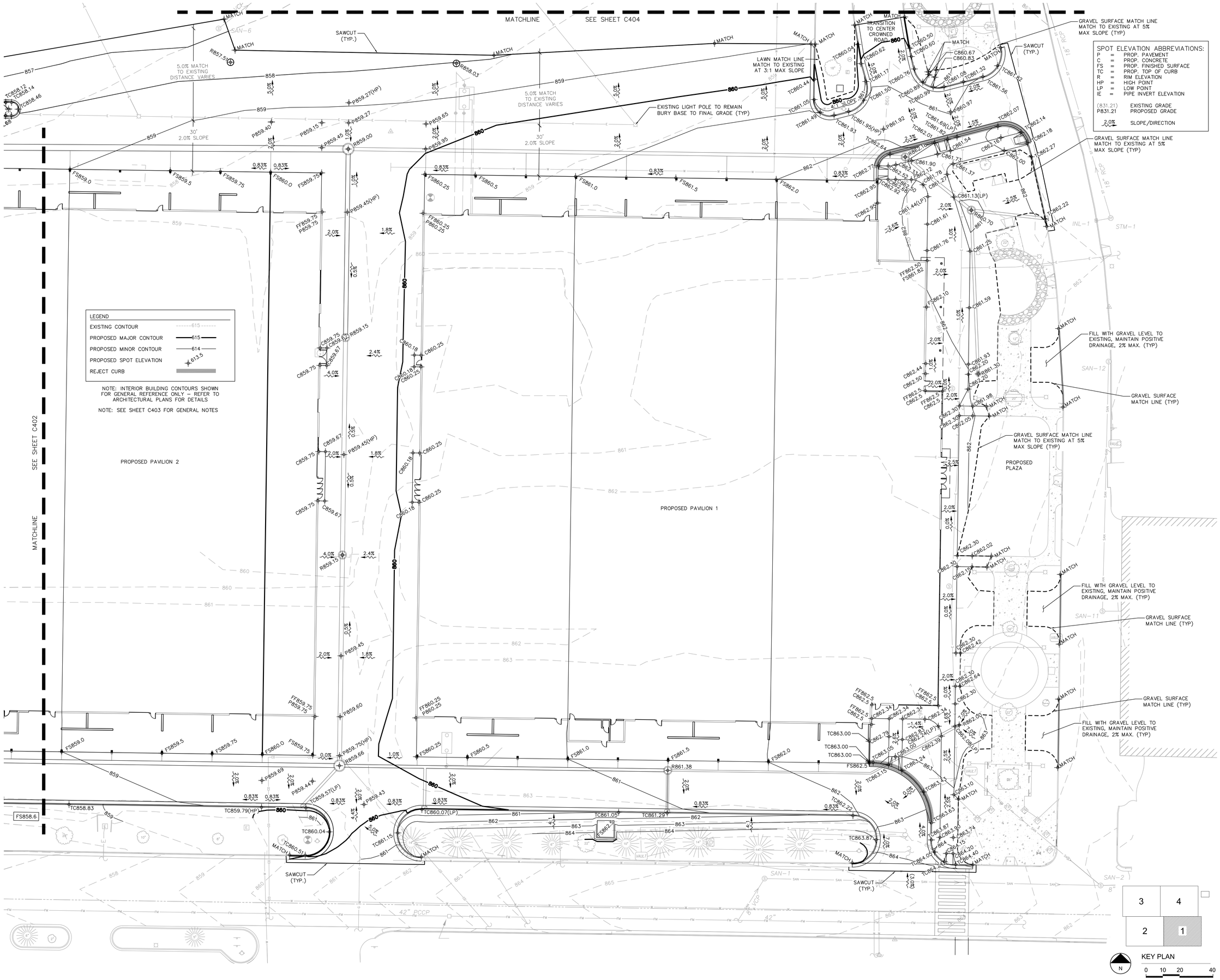

SPOT ELEVATION ABBREVIATIONS:

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

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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

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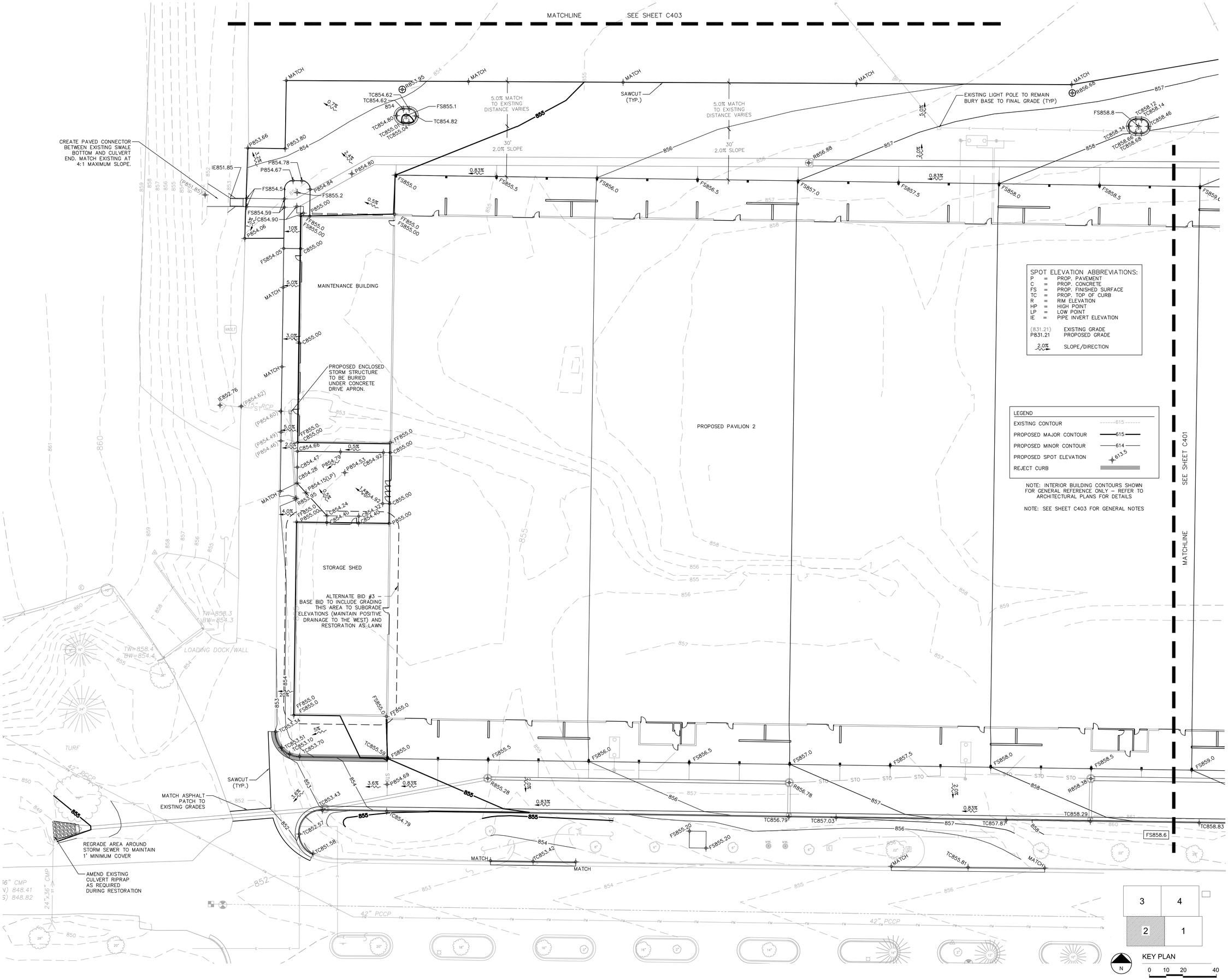

SPOT ELEVATION ABBREVIATIONS:

P	=	PROP. PAVEMENT
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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

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SAA DESIGN GROUP

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DRAWN	KM
CHECKED	JL
DATE	10-29-13
PROJECT NO.	2013027_02

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 2015-7-30 3:30 PM P:\2500\0512_ALLIANT\TEX\CAD\P-SG.DWG

GRADING GENERAL NOTES:

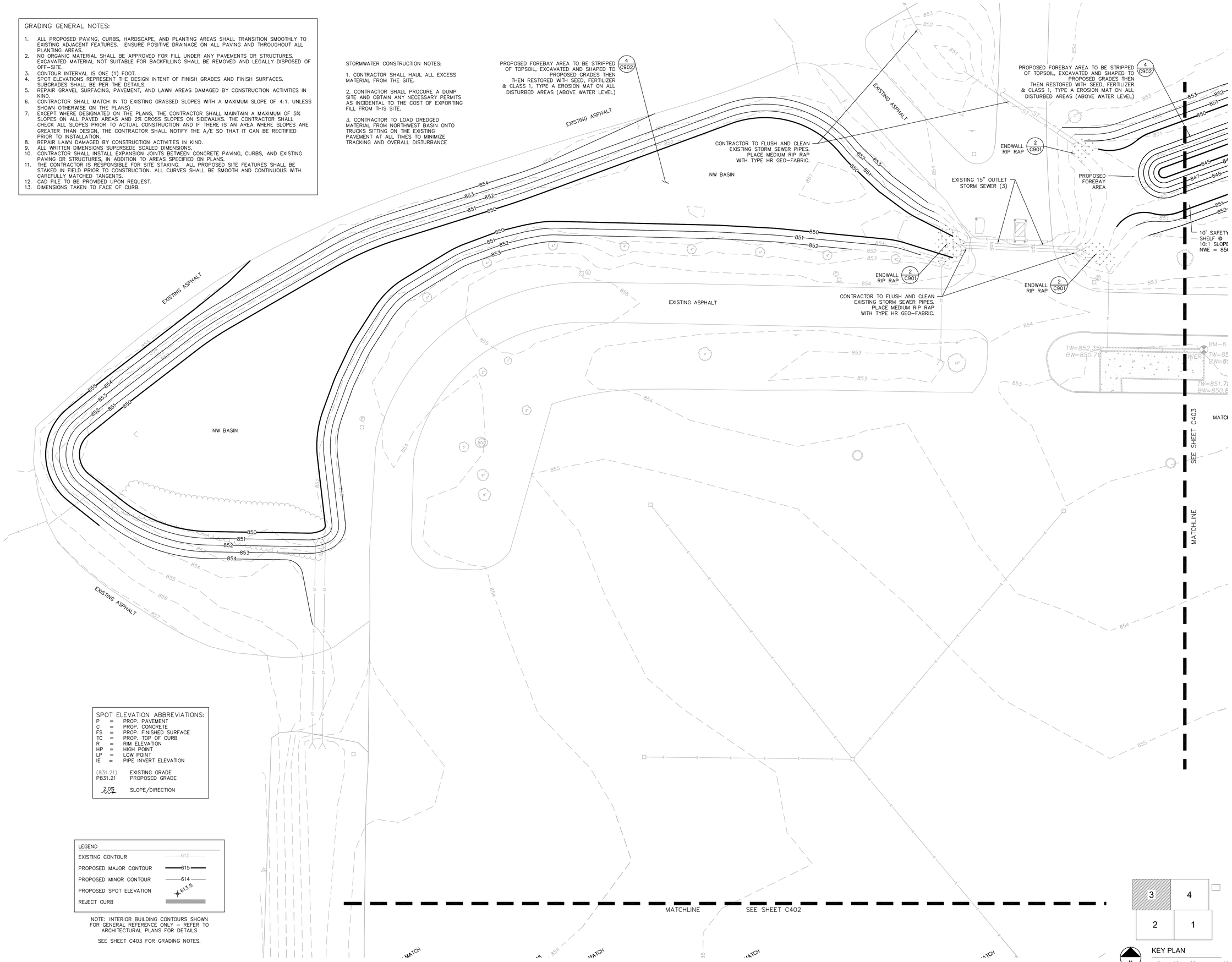
1. ALL PROPOSED PAVING, CURBS, HARDSCAPE, AND PLANTING AREAS SHALL TRANSITION SMOOTHLY TO EXISTING ADJACENT FEATURES. ENSURE POSITIVE DRAINAGE ON ALL PAVING AND THROUGHOUT ALL PLANTING AREAS.
2. NO ORGANIC MATERIAL SHALL BE APPROVED FOR FILL UNDER ANY PAVEMENTS OR STRUCTURES. EXCAVATED MATERIAL NOT SUITABLE 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



SPOT ELEVATION ABBREVIATIONS:

P	=	PROP. PAVEMENT
C	=	PROP. CONCRETE
FS	=	PROP. FINISHED SURFACE
TC	=	PROP. TOP OF CURB
R	=	RIM ELEVATION
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(831.21) EXISTING GRADE
P831.21 PROPOSED GRADE

2.0% SLOPE/DIRECTION

LEGEND

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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

SEE SHEET C403 FOR GRADING NOTES.

KEY PLAN

3	4
2	1

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SHEET NO.

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KATIE MACDONALD 2015-7-20 3:28 PM P:\2500\2512_ALLIANTEN\HCAD\P-SG.DWG

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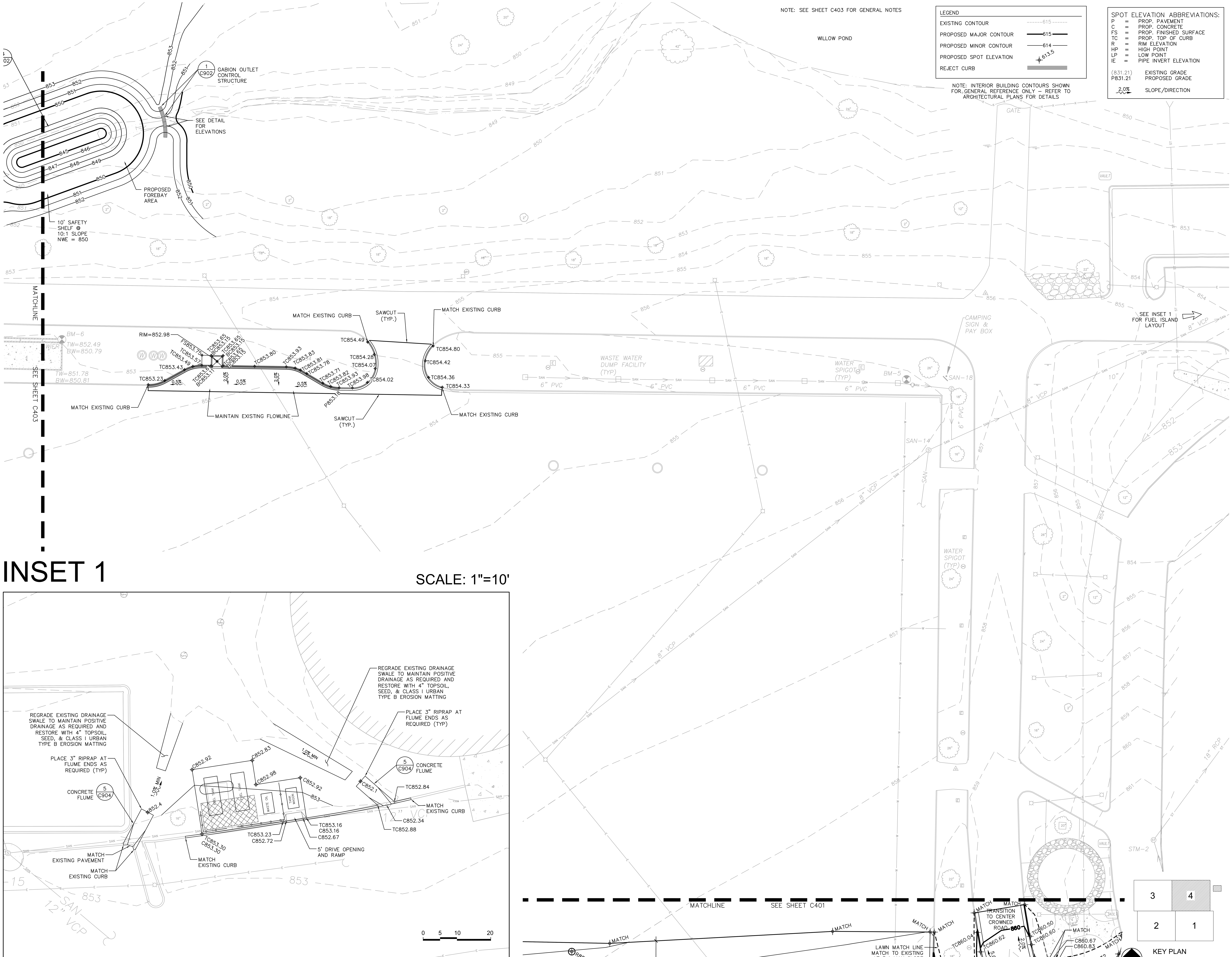

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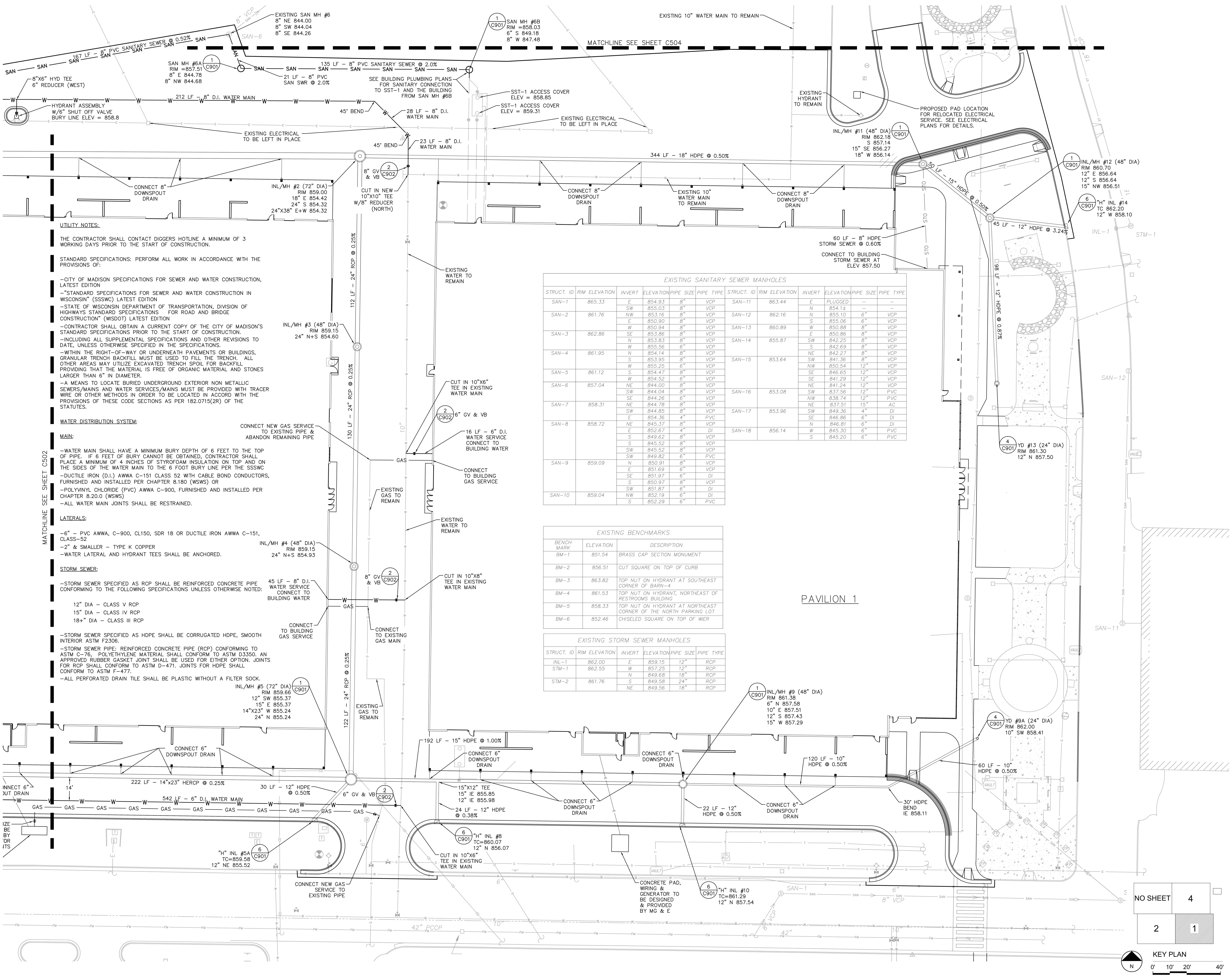

UTILITY NOTES:

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
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
		S	849.62	8"	VCP
		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
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
SAN-18	856.14	W	845.30	6"	PVC
		S	845.20	6"	PVC

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 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

KEY PLAN

NO SHEET	4
2	1

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BID # 313072

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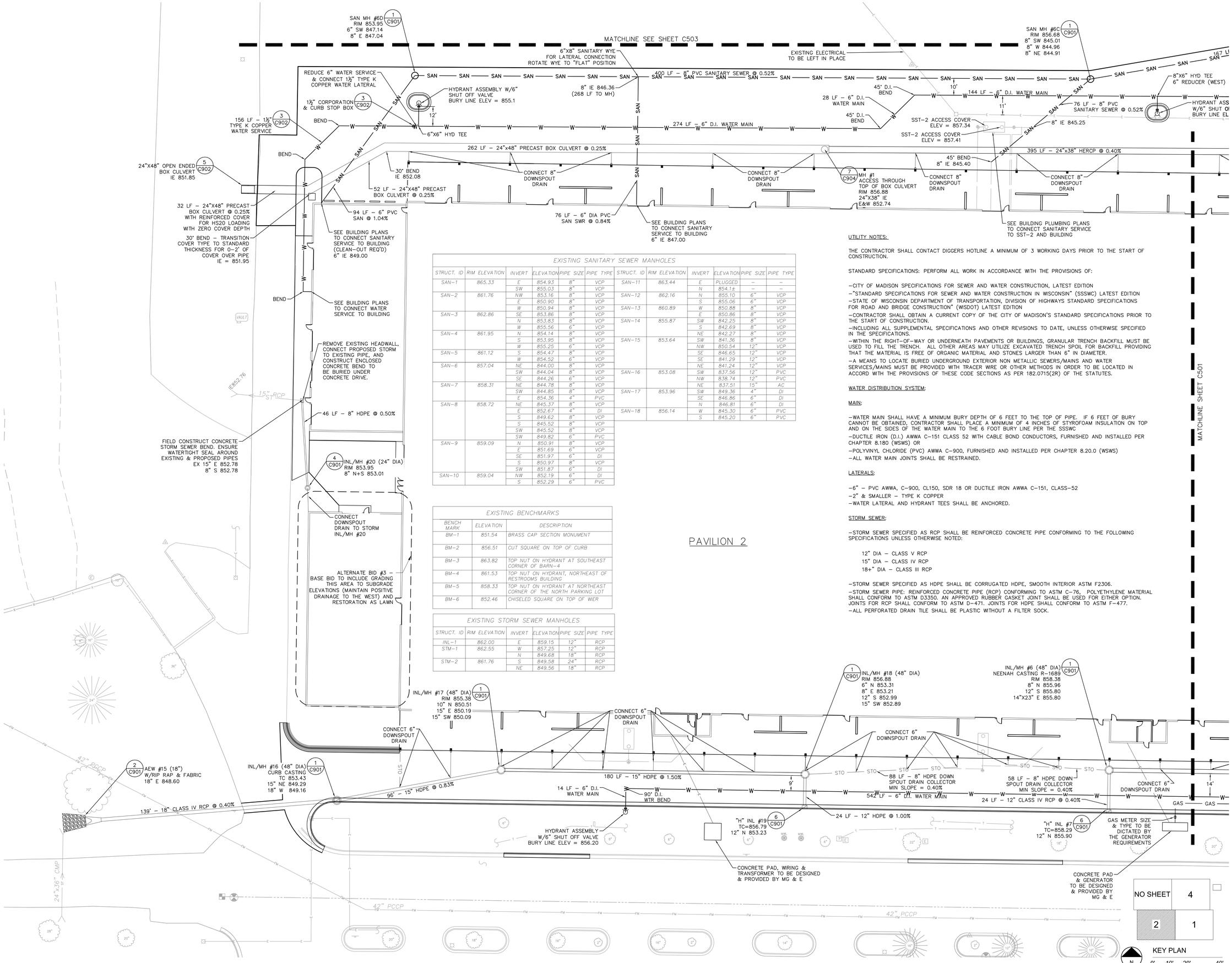
SHEET TITLE

SITE UTILITY PLAN

SHEET NO.

C501



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		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
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		W	855.56	6"	VCP			S	842.69	8"	VCP
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		S	853.95	8"	VCP	SAN–15	853.64	SW	841.36	8"	VCP
		W	855.25	6"	VCP			NW	850.54	12"	VCP
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		S	849.62	8"	VCP			S	845.20	6"	PVC
		S	845.52	8"	VCP						
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1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

SITE UTILITY PLAN

SHEET NO.

C502

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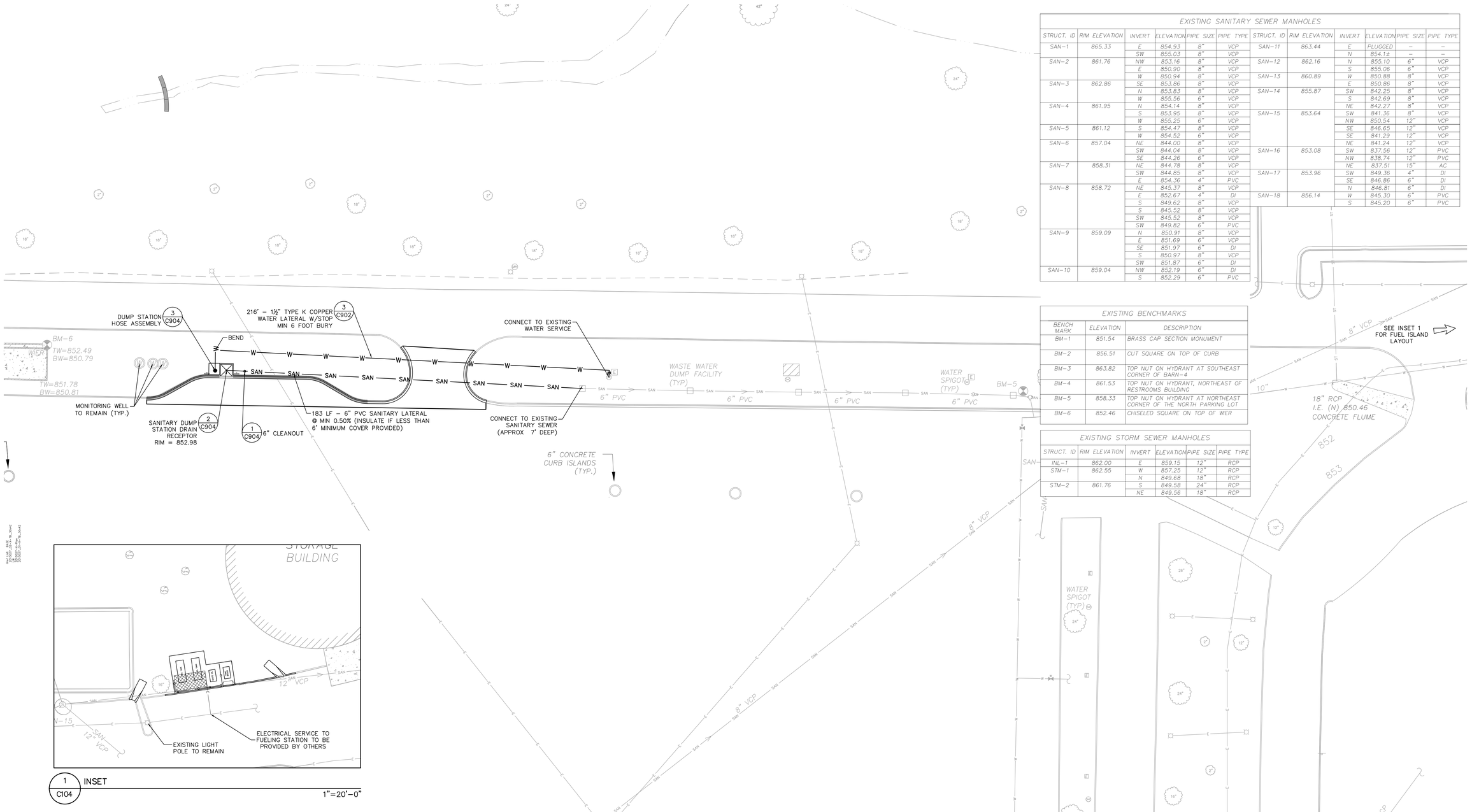

EXISTING SANITARY SEWER MANHOLES

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
		S	849.62	8"	VCP
		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
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
SAN–18	856.14	W	845.30	6"	PVC
		S	845.20	6"	PVC

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 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	10-29-13
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.

C504

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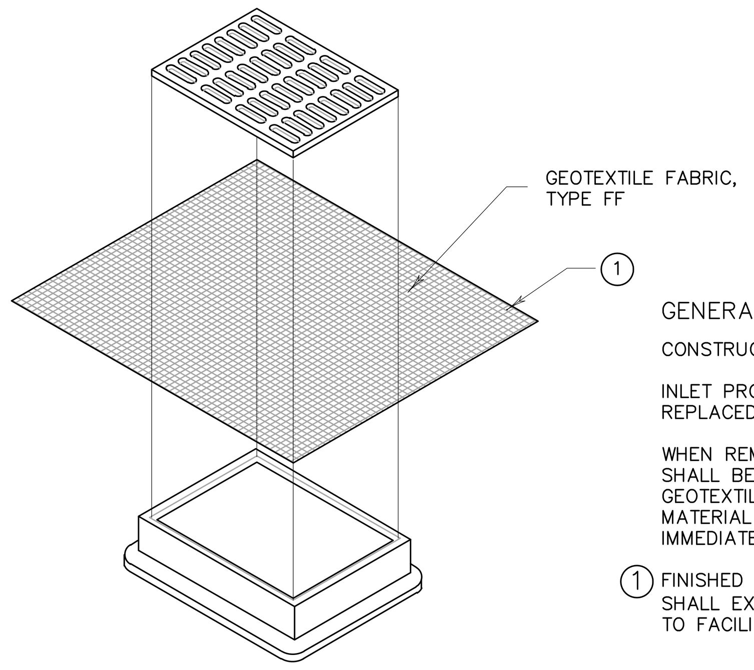


GENERAL NOTES:

CONSTRUCT PER WDNR TECHNICAL STANDARD 1060

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

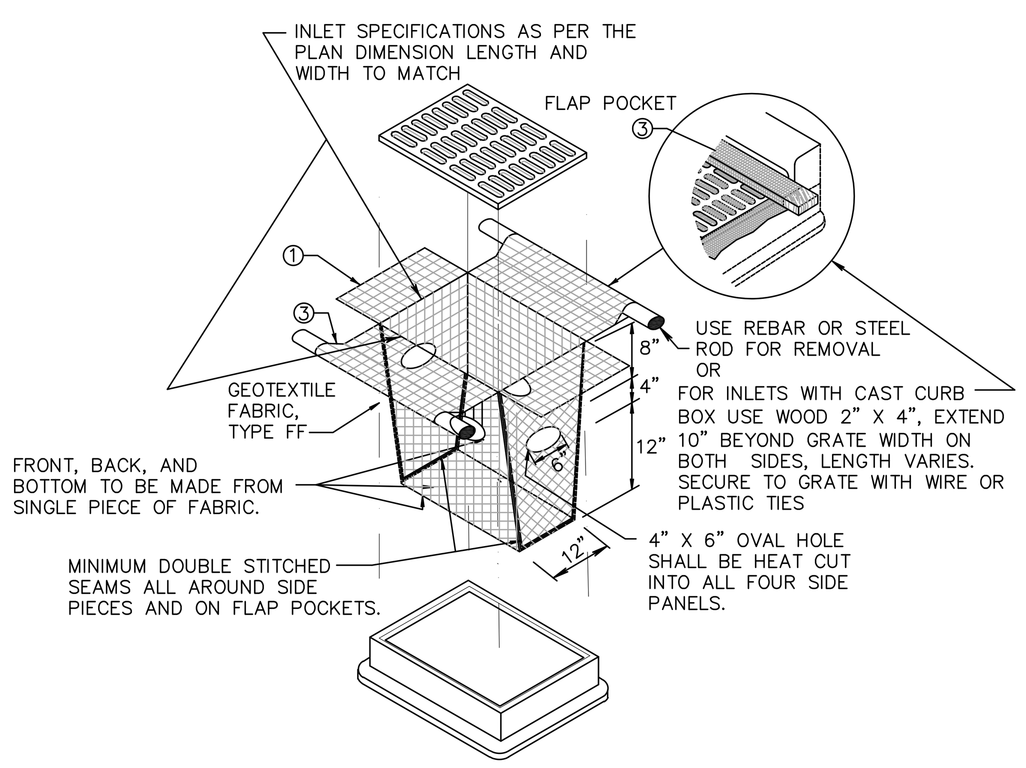
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY

(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

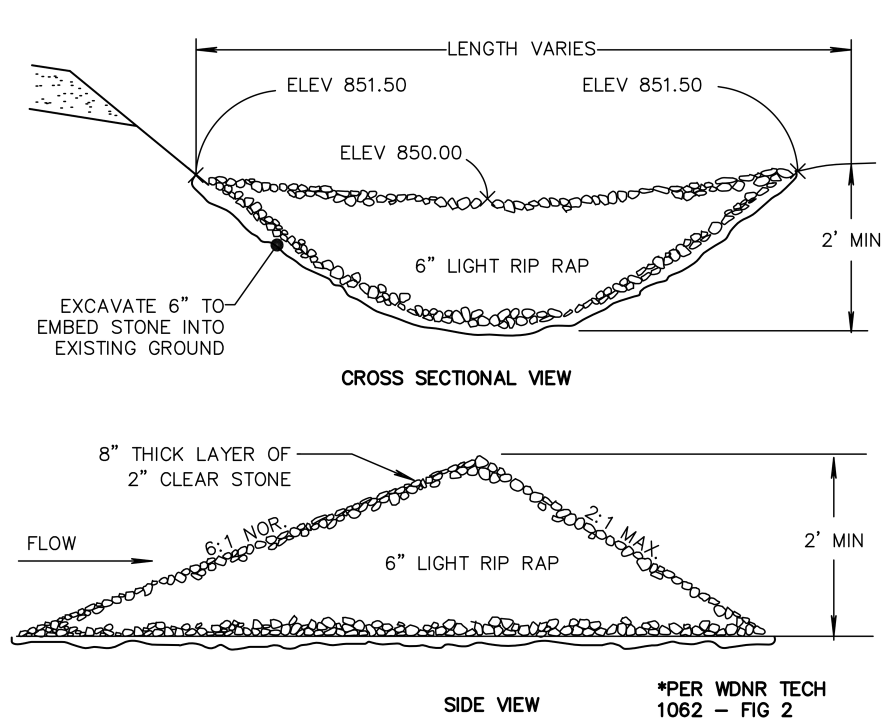
(2) FOR INSTALLATION WITH CURB BOX, AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

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

CONSTRUCT PER WDNR TECHNICAL STANDARD 1060.

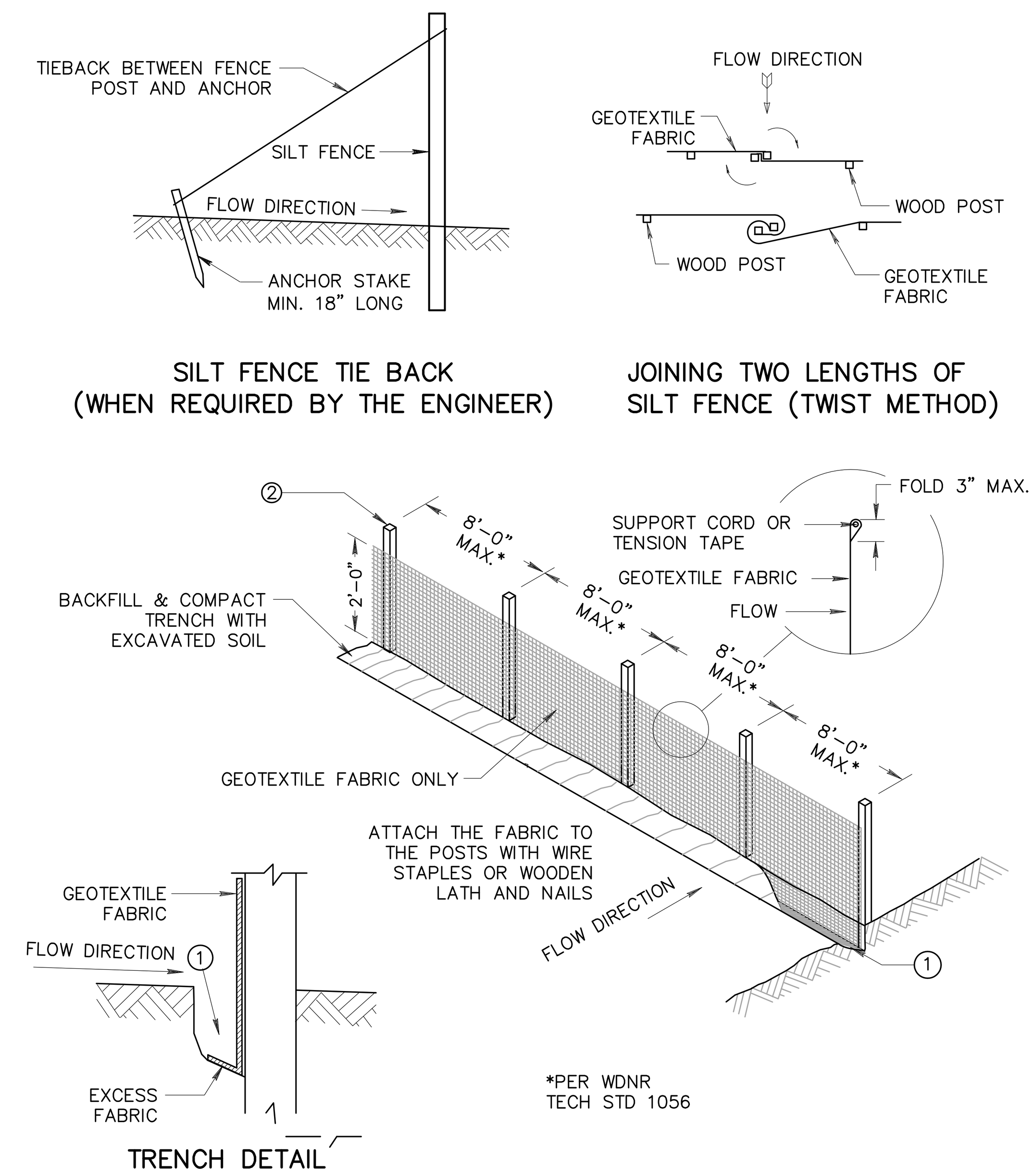
7 / C900 INLET PROTECTION, TYPE D

SCALE NTS



8 / C900 STONE DITCH CHECK

SCALE NTS



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)

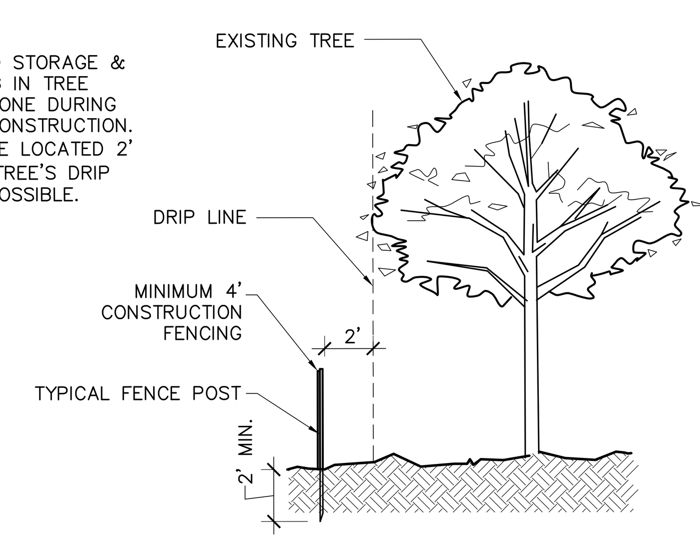
(15) STEEL POSTS SHALL BE STUDDED "TEE" OR "U" TYPE WITH A MINIMUM WEIGHT OF 1.28 LBS./LIN. FT. (WITHOUT ANCHOR) FIN ANCHORS SUFFICIENT TO RESIST POST MOVEMENT ARE REQUIRED. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1 1/8" X 1 1/8" OF OAK OR HICKORY.

(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

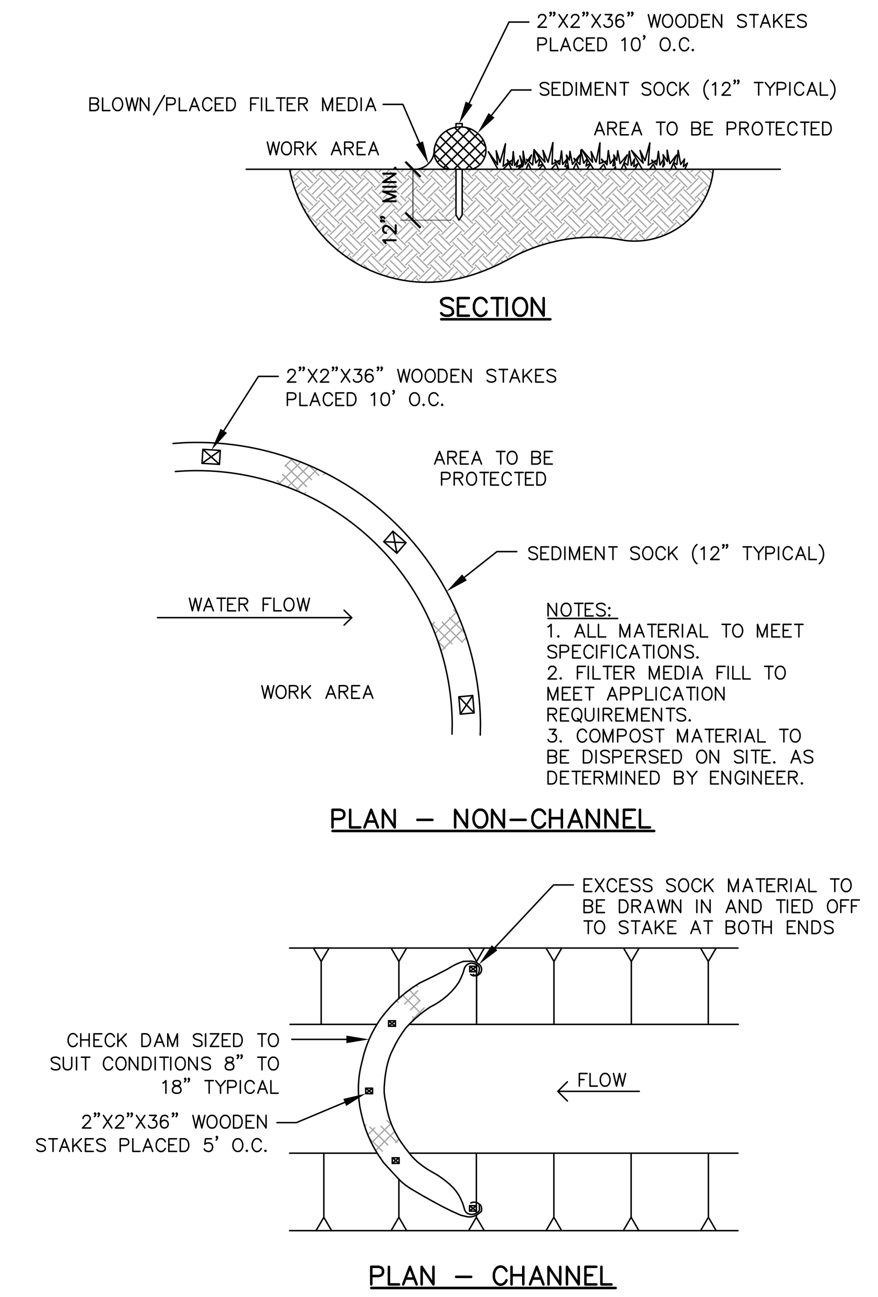
SCALE NTS

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

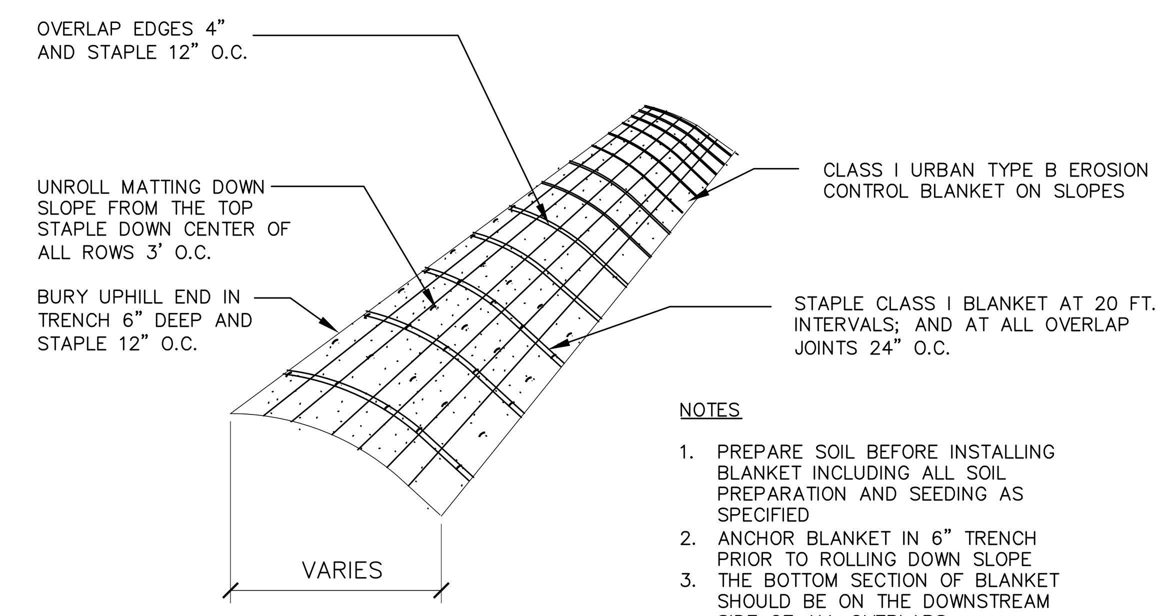
SCALE NTS



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

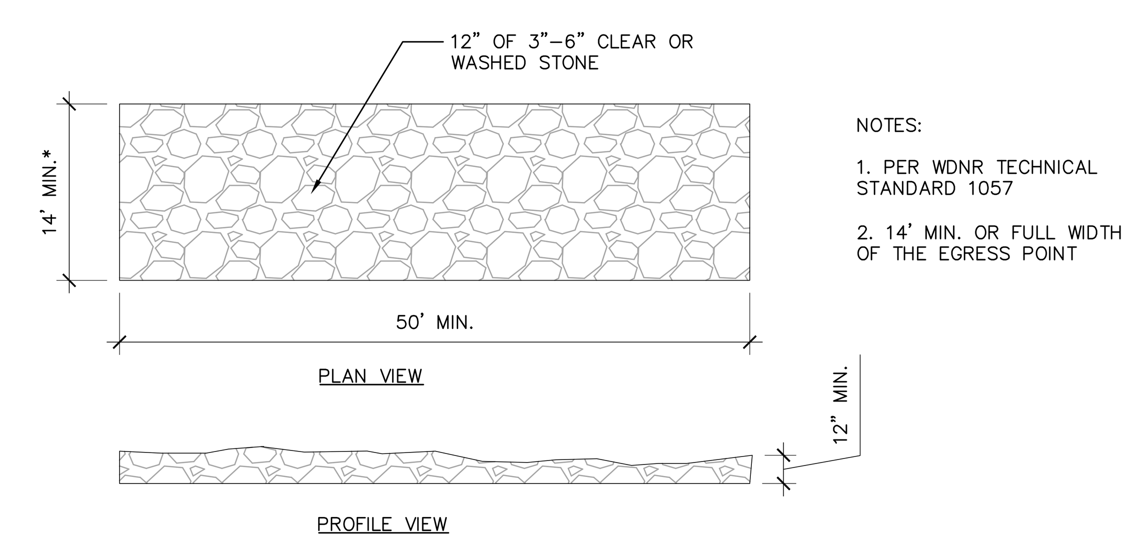
SCALE NTS



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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DRAWN	AO
CHECKED	JL
DATE	10-29-13
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

Xref List: TB-DETAILS_30x42 LW 2013027-X-Plan

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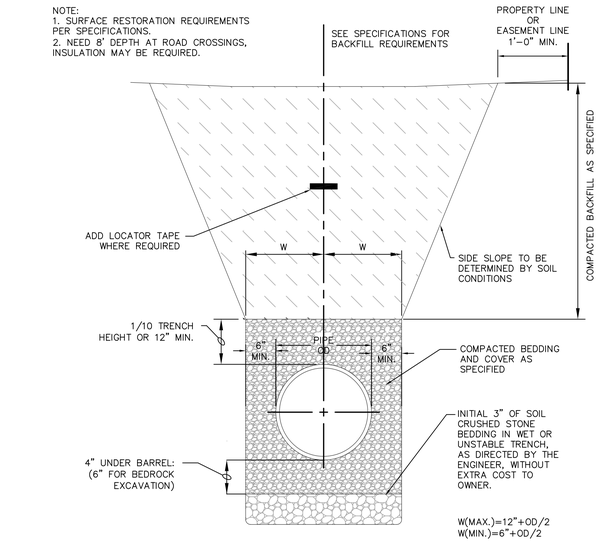
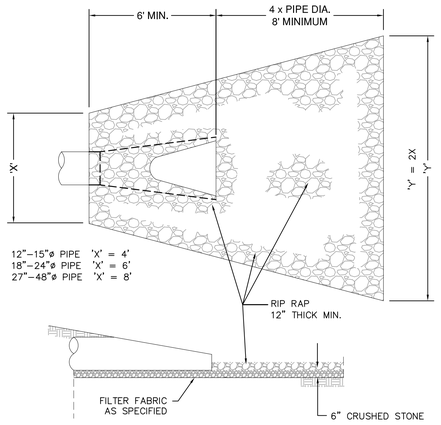


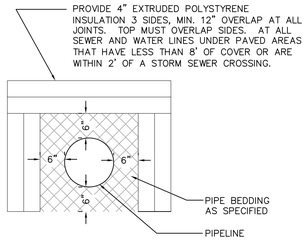
5 C901 STORM SEWER & BEDDING & TRENCH SECTION

SCALE NTS



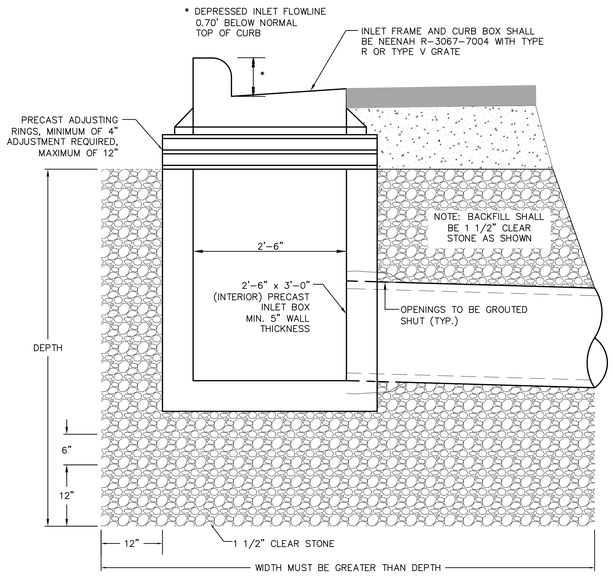
2 C901 ENDWALL RIP RAP DETAIL

SCALE NTS



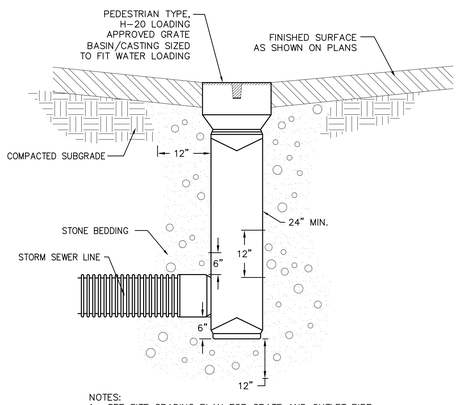
3 C901 PIPE INSULATION DETAIL

SCALE NTS



6 C901 TYPE "H" INLET

SCALE NTS



NOTES:
1. SEE SITE GRADING PLAN FOR GRATE AND OUTLET PIPE ELEVATIONS.
2. 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.

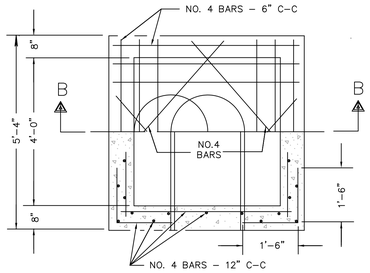
SOLID ALUMINUM STEPS SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 0.75 INCH. ALUMINUM SURFACES TO BE EMBEDDED IN CONCRETE SHALL BE GIVEN ONE COAT OF SUITABLE QUALITY PAINT, SUCH AS ZINC CHROMATE PRIMER CONFORMING TO FEDERAL SPECIFICATION TT-P-645 OR EQUIVALENT.

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.

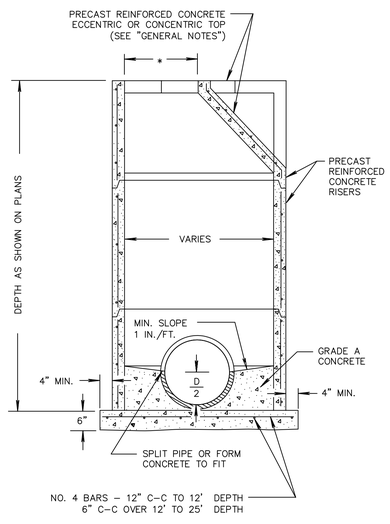
ALL PRECAST INLET UNITS AND MANHOLES SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.

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

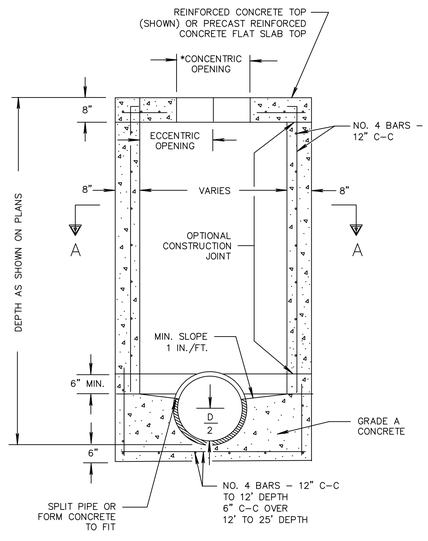


HALF SECTION A-A

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

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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

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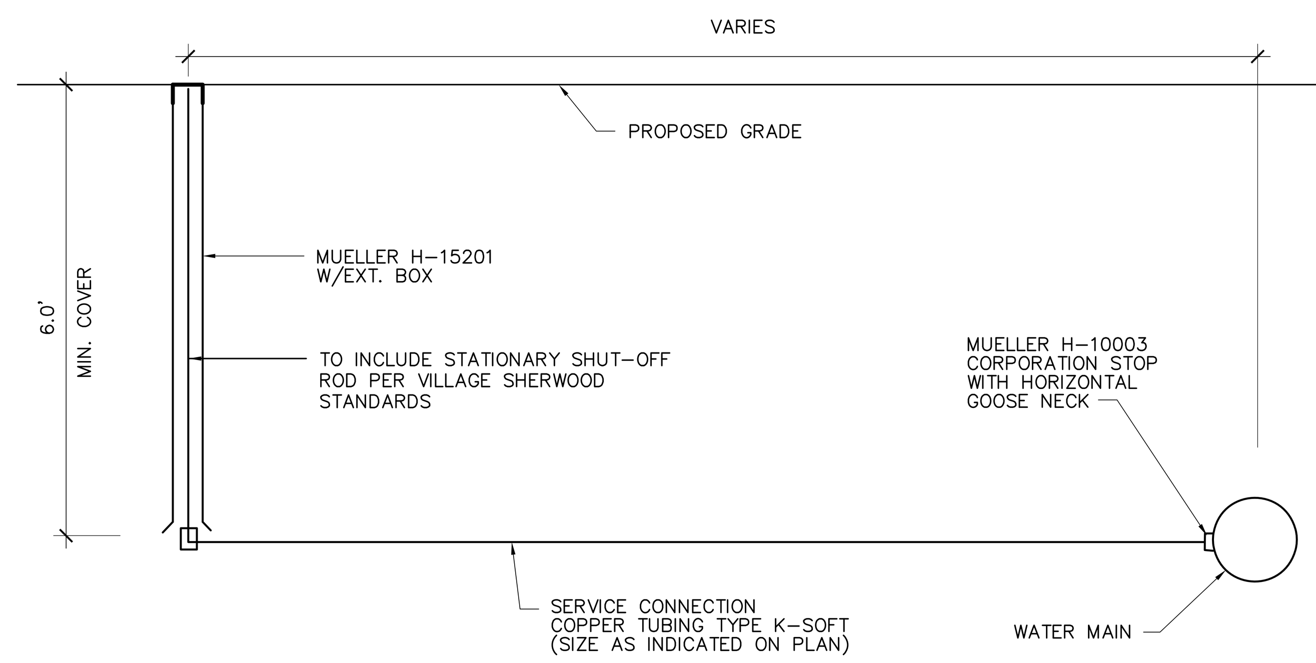
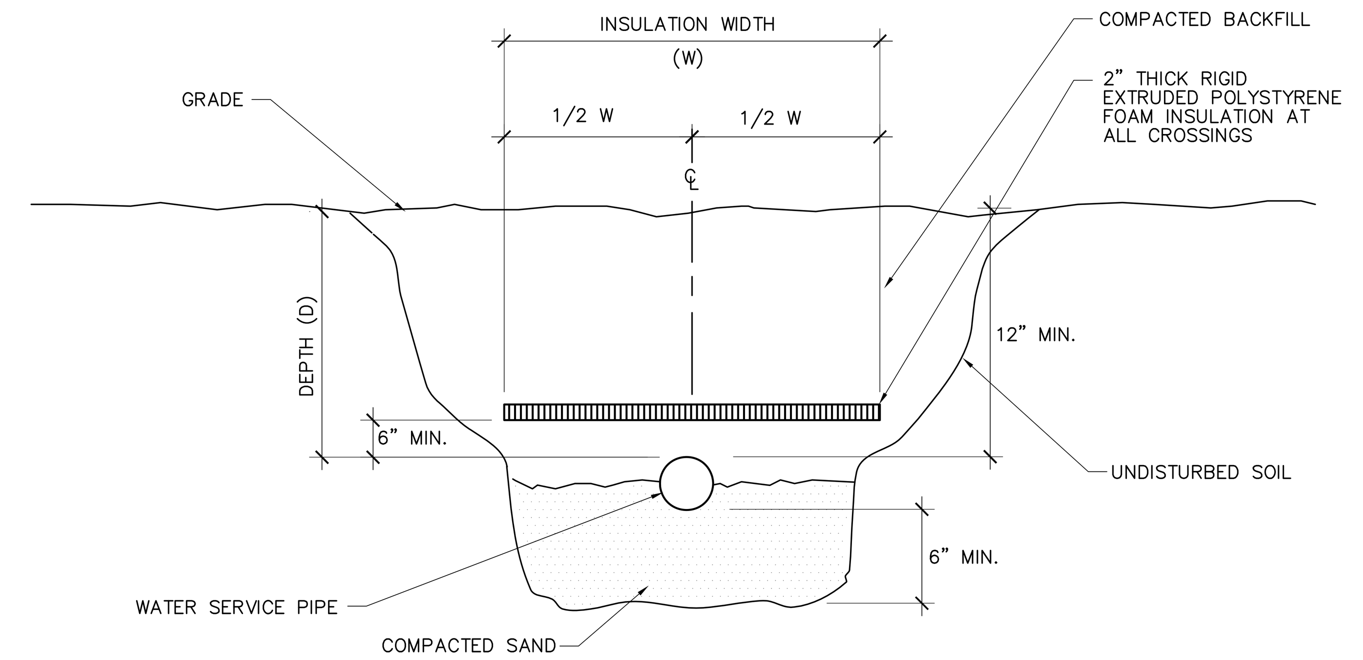


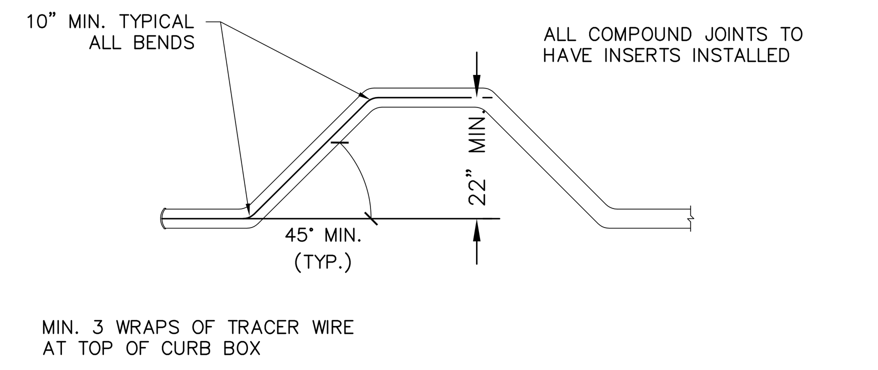
NOTES:

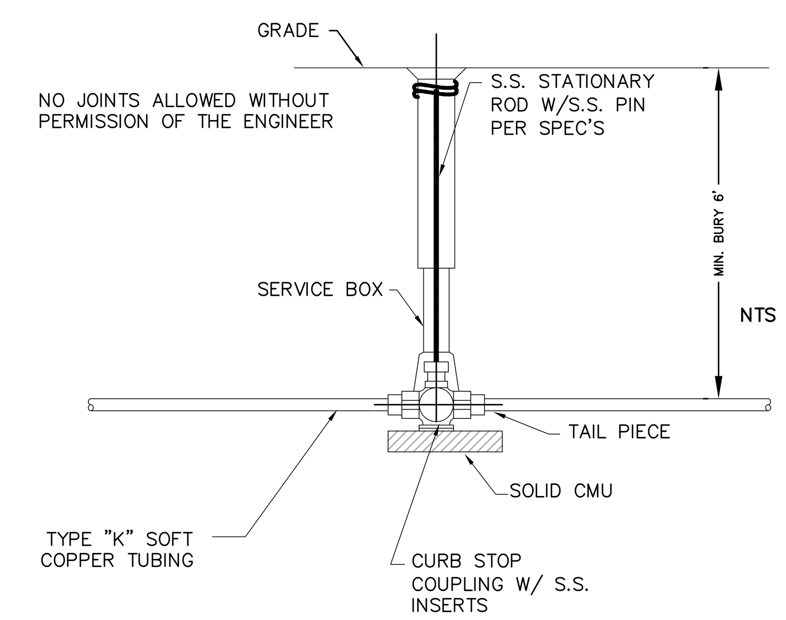
1. MAINTAIN 6.0' MIN. COVER OVER ENTIRE INSTALLATION.
2. ALL FITTINGS SHALL CONFORM TO A.W.W.A. STDS.
3. ALL COPPER COUPLINGS TO BE FLARED OR COMPRESSION JOINT
4. ALL TAPS TO BE MADE "LIVE" AND BE AT LEAST 18" APART
5. ALL COPPER TUBING BENDS TO HAVE SMOOTH RADII
6. SERVICE LATERALS SHALL BE TESTED AT 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.



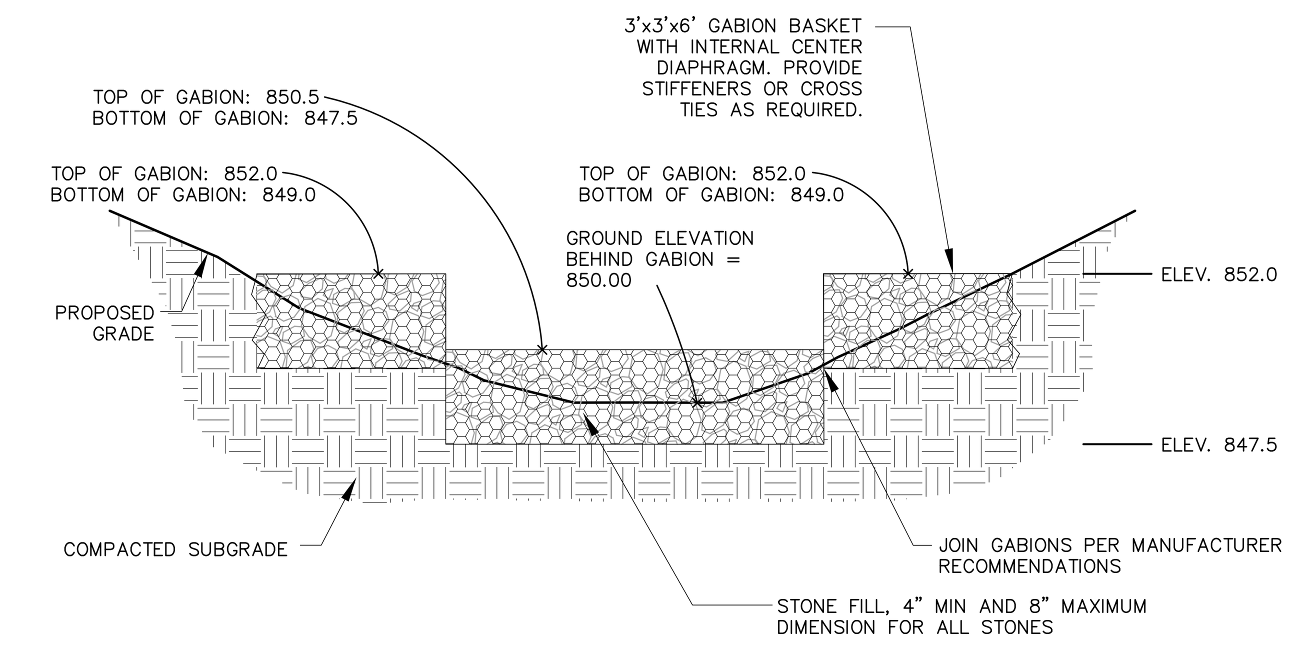
WATER SERVICE DEPTH (D)	2'-0"	2'-6"	3'-0"	3'-6"	4'-0" TO 6'-0"	MORE THAN 6'-0"
INSULATION WIDTH (W)	8'-0"	7'-0"	6'-0"	5'-0"	4'-0"	0'-0"

3 C902 WATER SERVICE INSTALLATION



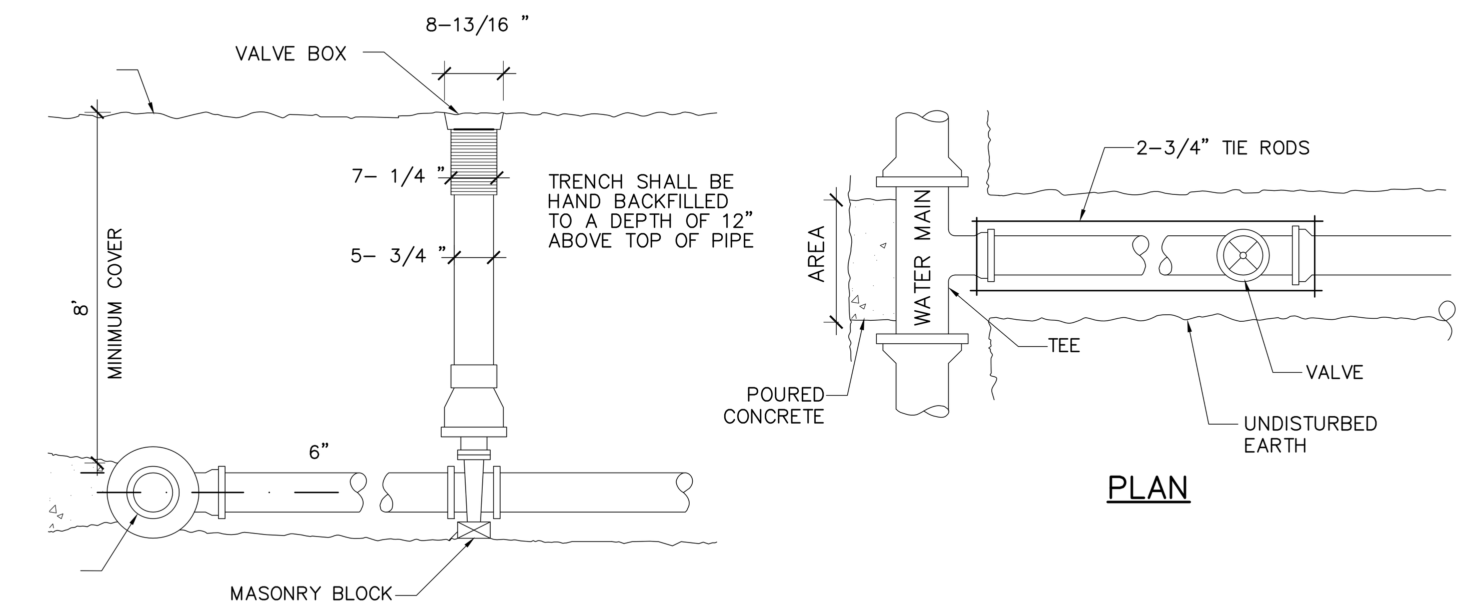


SERVICE PIPE	CURB STOP	SERVICE BOX
1"	1"	2-1/2"
1-1/2"	1-1/2"	3"
2"	2"	3"
3"	3"	3"



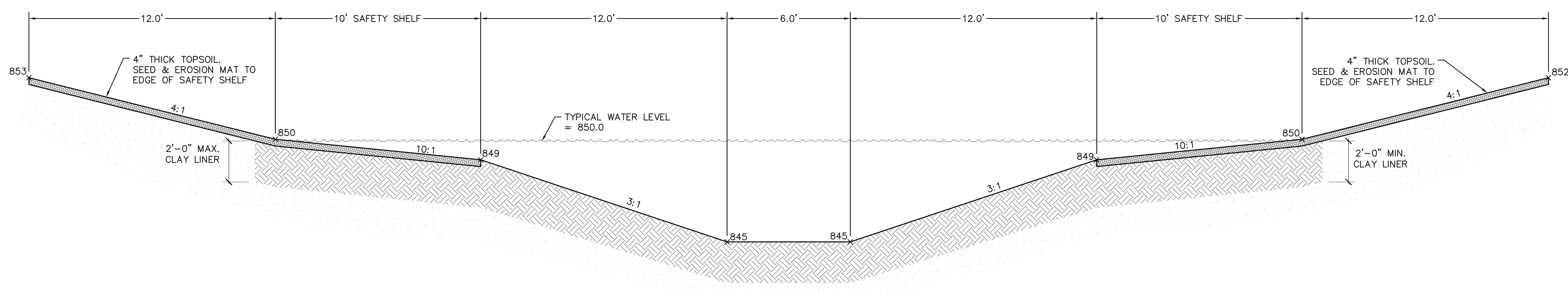
1 C902 GABION OUTLET CONTROL STRUCTURE (FOREBAY)

SCALE NTS



2 C902 WATER VALVE

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.

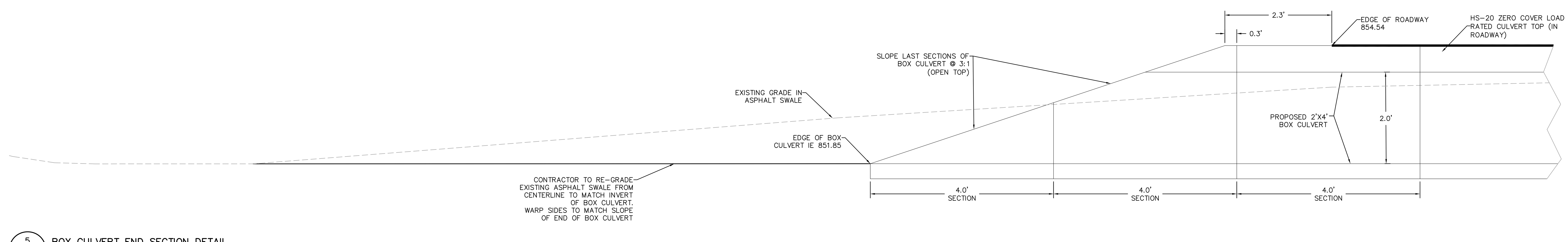
ALL CLAY TO BE COMPACTED TO 90% MODIFIED OR 95% STANDARD PROCTOR DENSITY AT A MOISTURE CONTENT OF AT LEAST 2% WET OF OPTIMUM IF USING THE MODIFIED PROCTOR METHOD AND WET OF OPTIMUM IF USING THE STANDARD PROCTOR METHOD, BASED ON THE CHARACTERISTICS OF THE APPROPRIATE PROCTER CURVE FOR THE CLAY BEING PLACED.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

NO EXISTING ON-SITE SOIL IS SUITABLE FOR CLAY LINER MATERIAL.

4 C902 TYPICAL POND CROSS SECTION

SCALE NTS



5 C902 BOX CULVERT END SECTION DETAIL

SCALE NTS

STRANG

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FILE NAME	P-D.DWG
REVISIONS	
DRAWN	AO
CHECKED	JL
DATE	10-29-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

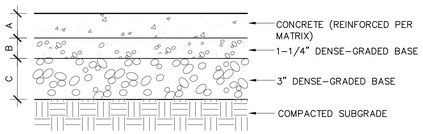
DETAILS

SHEET NO.

C902

KATIE MACDONALD 2013-5-29 10:13 AM P:\2500\2512_ALLIANT\EXH\CAD\P-D.DWG

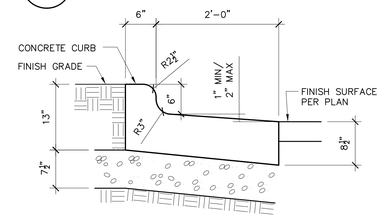
PAVEMENT TYPE	CONCRETE THICKNESS (A)	BASE THICKNESS (B)	SUBBASE THICKNESS (C)
TYPE 1 CONCRETE PAVEMENT – PEDESTRIAN LOAD	4"	6"	0"
TYPE 2 CONCRETE PAVEMENT – EXPOSED AGGREGATE	4"	6"	0"
TYPE 3 CONCRETE PAVEMENT – VEHICULAR LOAD	6" FIBER REINFORCED	4"	8"



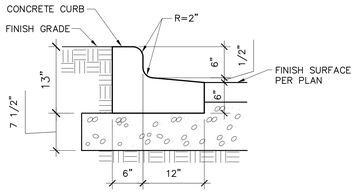
NOTES:
1. MEDIUM BROOM FINISH, PERPENDICULAR TO DIRECTION OF TRAVEL, UNLESS OTHERWISE STATED
2. PROVIDE EXPANSION JOINTS 30' ALL WAYS, MINIMUM
3. STANDARD COLOR CONCRETE AND EXPOSED AGGREGATE

10 / C903 CONCRETE PAVEMENT

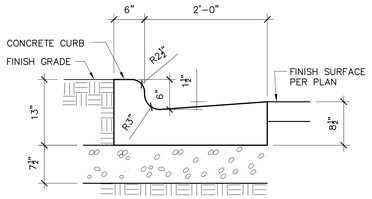
SCALE NTS



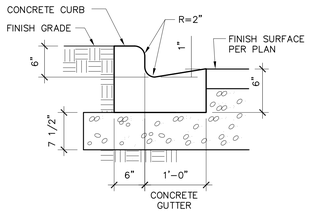
30" TYPE 'A' REJECT CONCRETE CURB & GUTTER



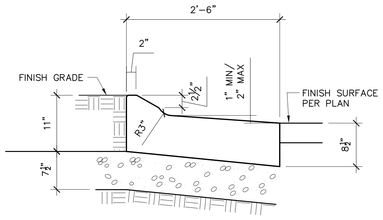
18" VERTICAL FACE REVERSE PAN CURB & GUTTER



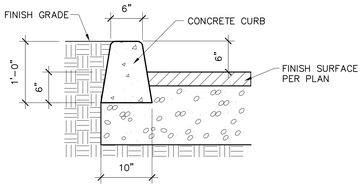
30" TYPE 'A' CONCRETE CURB & GUTTER



18" VERTICAL FACE CURB & GUTTER



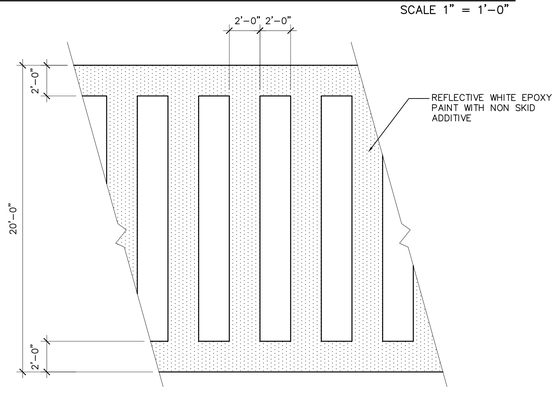
30" TYPE 'A' MOUNTABLE CONCRETE CURB & GUTTER



6" CURB HEAD

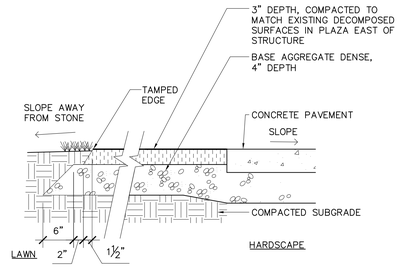
11 / C903 CONCRETE CURB

SCALE 1" = 1'-0"



12 / C903 CROSSWALK STRIPING

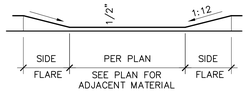
SCALE 1/2" = 1'-0"

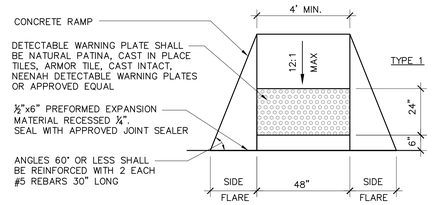


6 / C903 GRAVEL SURFACING

SCALE 1" = 1'-0"

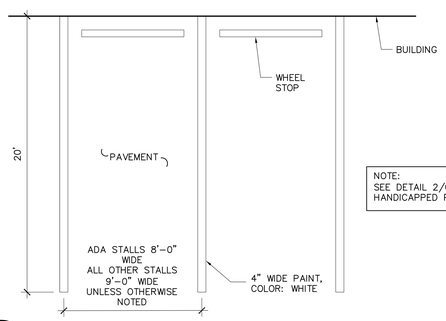
NOTES:
1. NO MASONITE TO BE USED FOR FORMS
2. SIDEWALK TO BE THOROUGHLY SPADED
3. EXPANSION MATERIAL SHALL NOT BE USED AS FORMS





7 / C903 ACCESSIBLE RAMP

SCALE NTS

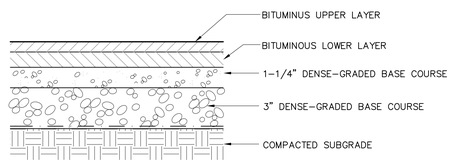


NOTE:
SEE DETAIL 2/C903 FOR HANDICAPPED PARKING

8 / C903 PARKING STRIPING (BY OWNER)

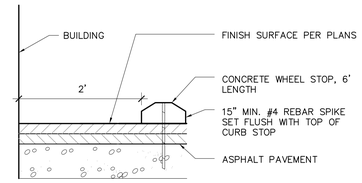
SCALE NTS

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

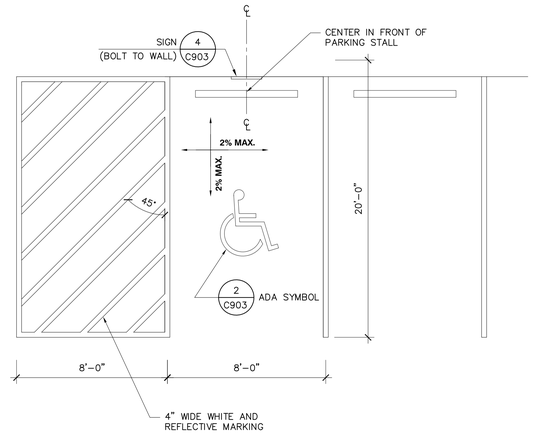
SCALE NTS



NOTE:
1. CENTER WHEEL STOP IN PARKING SPACE WIDTH

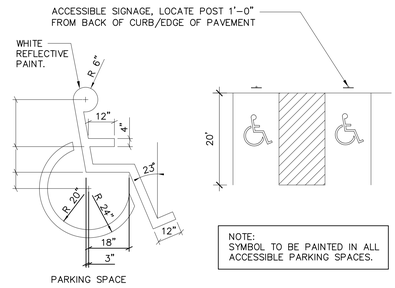
1 / C903 WHEEL STOP

SCALE 1" = 1'-0"



2 / C903 HANDICAPPED PARKING (BY OWNER)

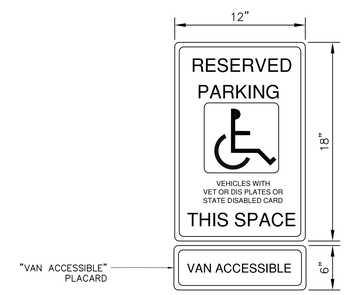
SCALE NTS



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

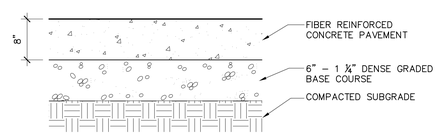
3 / C903 ADA SYMBOL (BY OWNER)

SCALE NTS



4 / C903 HANDICAPPED PARKING SIGN (BY OWNER)

SCALE NTS



5 / C903 CONCRETE PAD

SCALE NTS

STRANG

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REVISIONS	
DRAWN	AO
CHECKED	JL
DATE	10-29-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

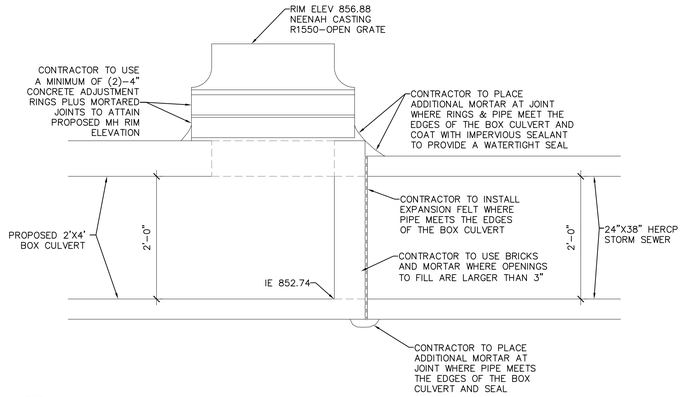
SHEET TITLE

DETAILS

SHEET NO.

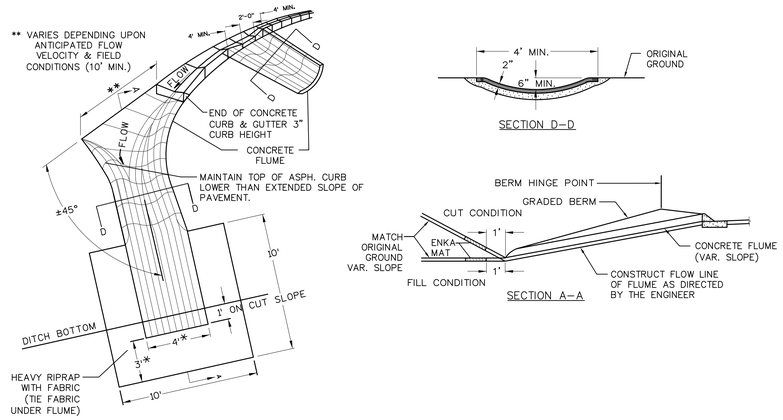
C903

KATIE MACDONALD 2013-5-29 10:13 AM P:\2009\2013\2_ALLIANTEN\CAD\P-D.DWG



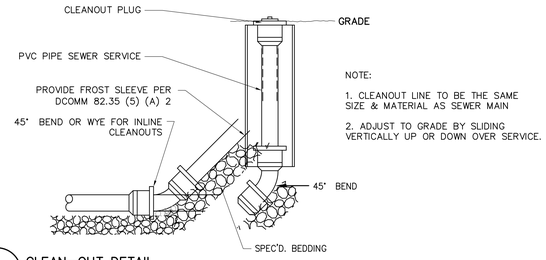
7 C904 BOX CULVERT MH #1 ACCESS COVER

SCALE NTS



4 C904 CONCRETE FLUME

SCALE NTS



NOTE:

1. CLEANOUT LINE TO BE THE SAME SIZE & MATERIAL AS SEWER MAIN

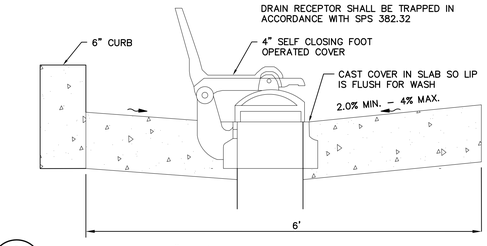
2. ADJUST TO GRADE BY SLIDING VERTICALLY UP OR DOWN OVER SERVICE.

1 C904 CLEAN–OUT DETAIL

SCALE NTS

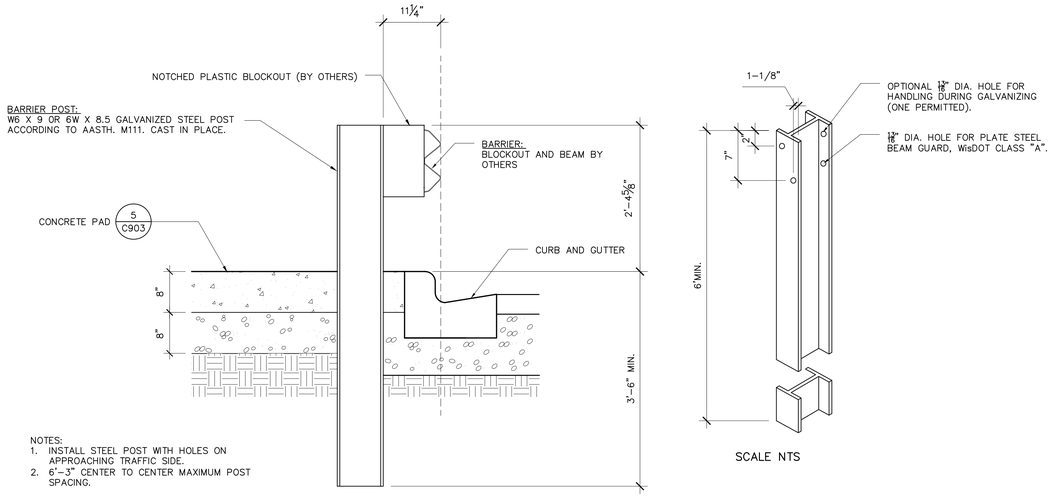
NOTE:

DRAIN RECEPTOR SHALL BE TRAPPED IN ACCORDANCE WITH SPS 382.32



2 C904 FOOT OPERATED 4" RECEPTOR DETAIL

SCALE NTS

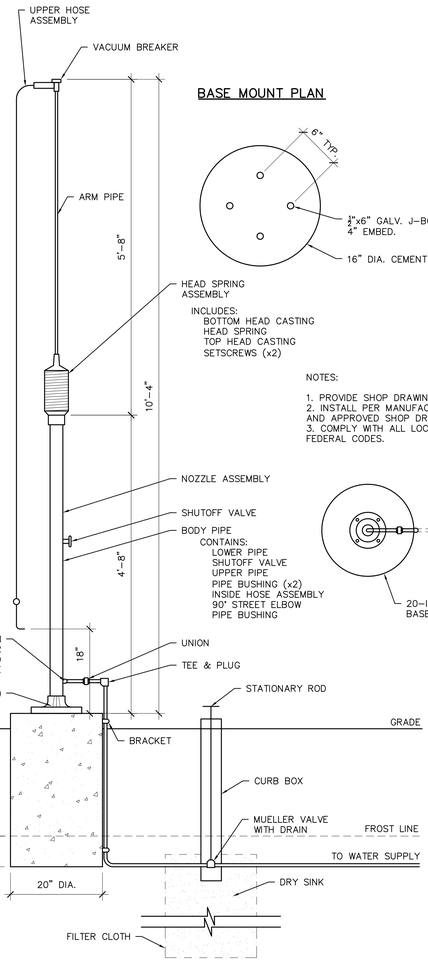


NOTES:
1. INSTALL STEEL POST WITH HOLES ON APPROACHING TRAFFIC SIDE.
2. 6'–3" CENTER TO CENTER MAXIMUM POST SPACING.

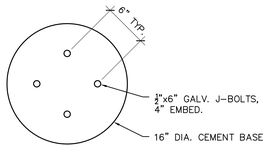
SCALE NTS

5 C904 STEEL BARRIER POST

SCALE NTS

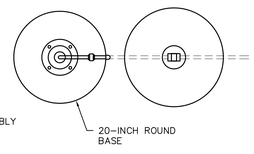


BASE MOUNT PLAN



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

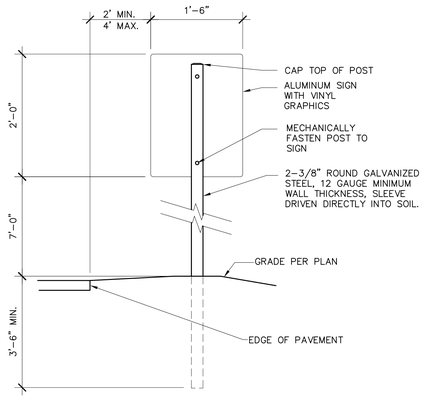
SCALE: NTS

DANGER
UNSAFE WATER
THIS WATER FOR FLUSHING AND CLEANING - NOT FOR DRINKING OR DOMESTIC PURPOSES

SAFETY SIGN

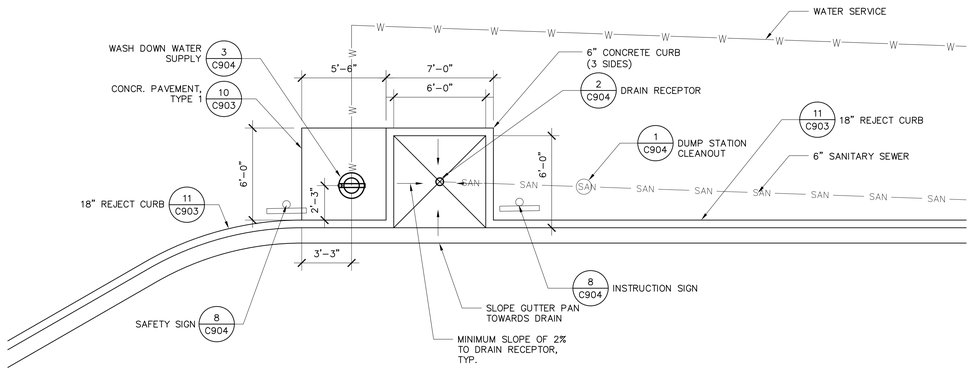
TRAILERS
HOLDING TANK DISPOSAL
INSTRUCTIONS
CONNECT YOUR HOSE TO HOLDING TANK. PLACE END SECURELY IN DRAIN HATCH WHILE HOLDING COVER OPEN WITH FOOT. OPEN TRAILER WASTE VALVE. FLUSH AWAY ANY SPILLAGE ON CONCRETE INTO DRAIN.

INSTRUCTION SIGN



8 C904 SIGN

SCALE NTS



6 C904 SANITARY DUMP STATION

SCALE NTS

STRANG

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INTERIOR DESIGN

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET TITLE

DETAILS

SHEET NO.

C904

KATIE MACDONALD 2013-5-29 10:13 AM P:\2500\2512_ALLIANTEN\HCAD\PLD.DWG
Scale: Unit: 19-DETAILS_3D.dwg 10.5027'x.4'Plan

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 2008 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
- 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.

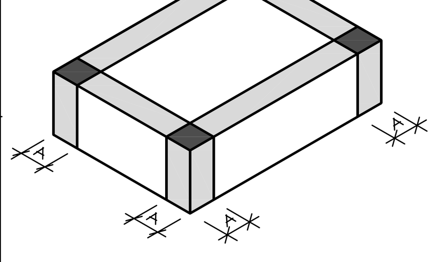
ABBREVIATIONS

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
PEMB — PRE-ENGINEERED METAL BUILDING
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
WLO — WIND LOAD
WD — WOOD
WSBW — WOOD STUD BEARING WALL
WP — WORK (ING) POINT

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)	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

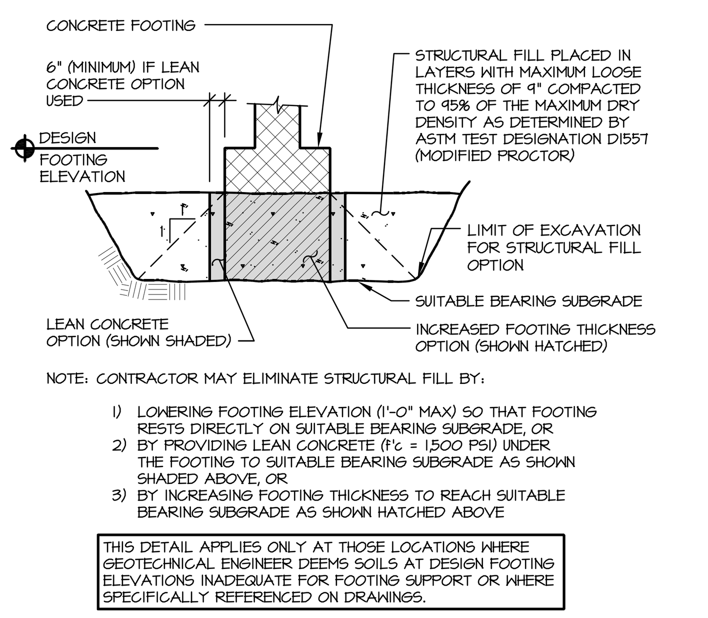


FLAT ROOF
ROOF SLOPE 1/2" PER FT OR LESS

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

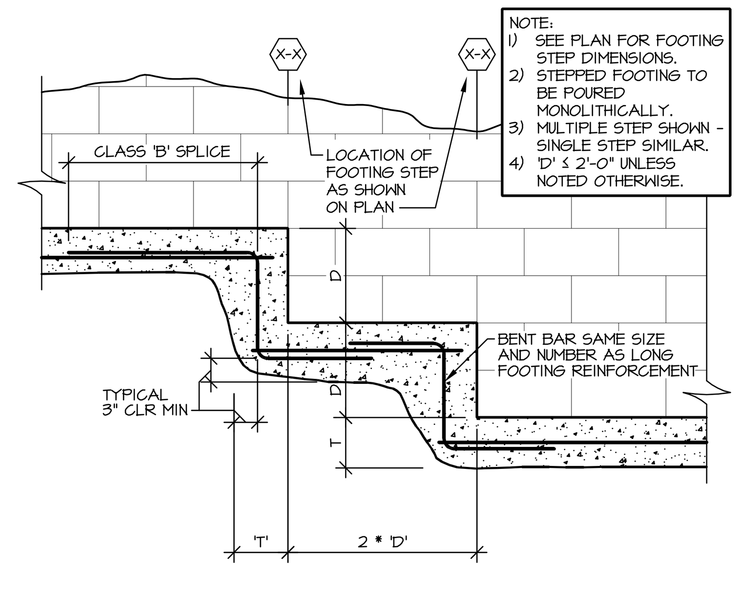
STRANG INC.
6411 MINERAL POINT ROAD
MADISON, WI 53705-4395
T/ 608 276 9200
F/ 608 276 9204



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

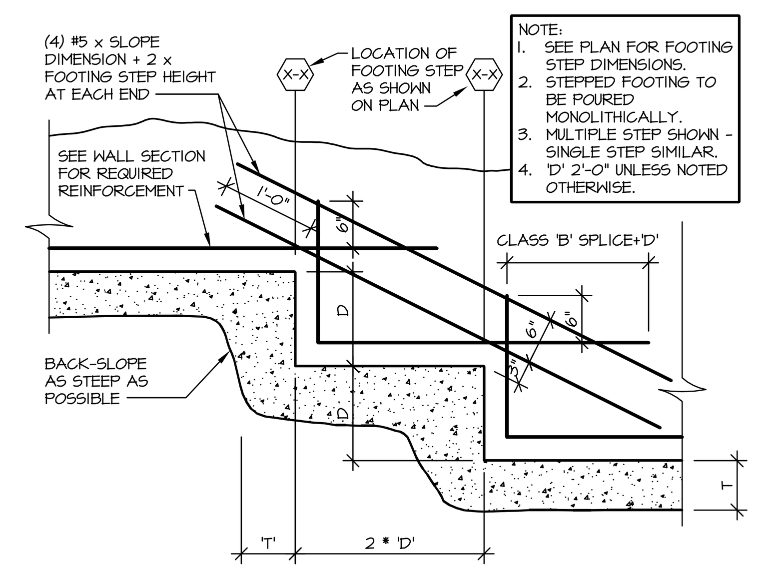
THIS DETAIL APPLIES ONLY AT THOSE LOCATIONS WHERE GEOTECHNICAL ENGINEER DEEMS SOILS AT DESIGN FOOTING ELEVATIONS INADEQUATE FOR FOOTING SUPPORT OR WHERE SPECIFICALLY REFERENCED ON DRAWINGS.

1/S001 OVER-EXCAVATION DETAIL
SCALE: NONE



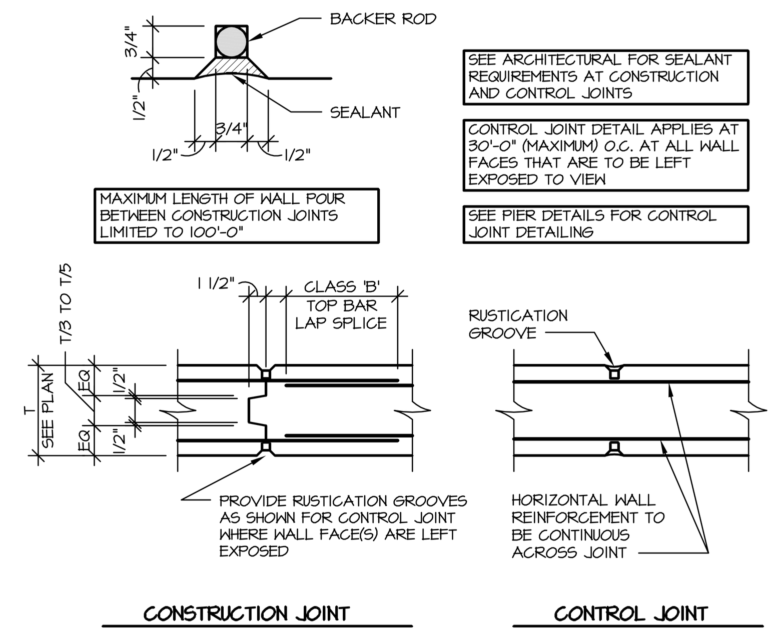
NOTE:
1) SEE PLAN FOR FOOTING STEP DIMENSIONS.
2) STEPPED FOOTING TO BE POURED MONOLITHICALLY.
3) MULTIPLE STEP SHOWN - SINGLE STEP SIMILAR.
4) 'D' ≤ 2'-0" UNLESS NOTED OTHERWISE.

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"



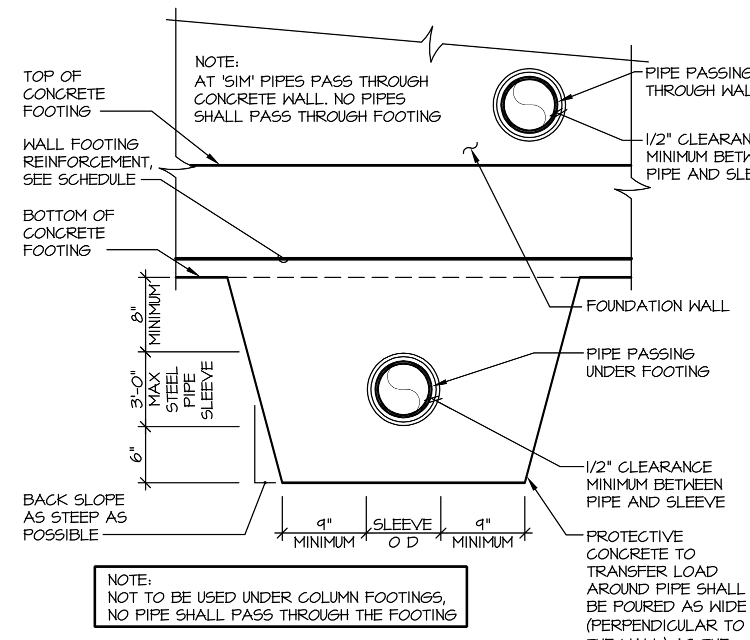
MAXIMUM LENGTH OF WALL POUR BETWEEN CONSTRUCTION JOINTS LIMITED TO 100'-0"

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

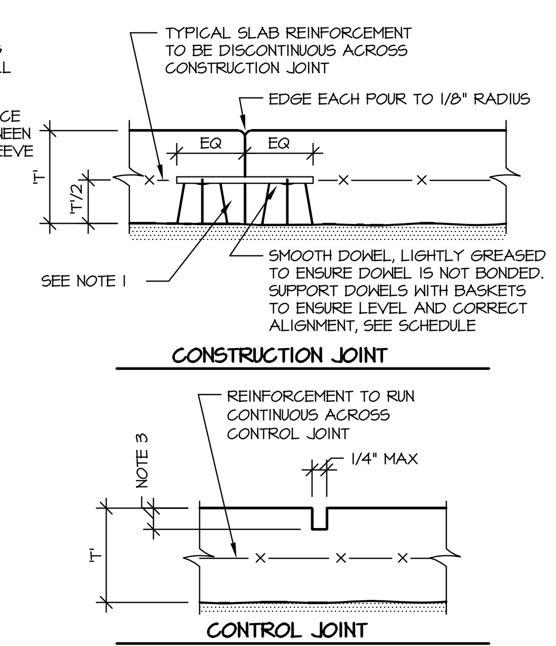
SEE PIER DETAILS FOR CONTROL JOINT DETAILING

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.

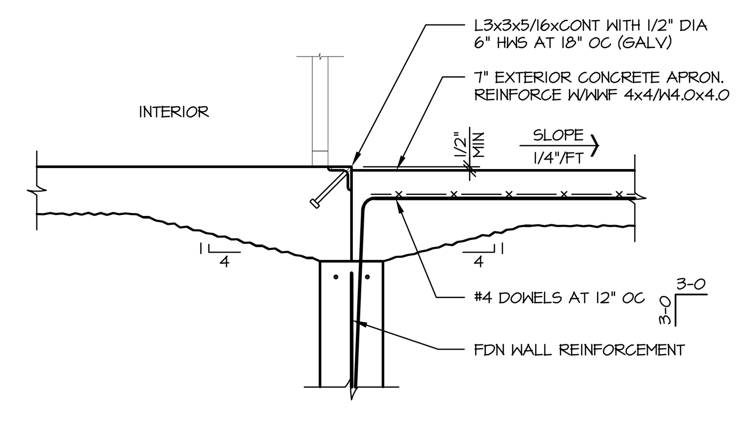
JOINT SPACING NOTES
1) UNLESS SHOWN OTHERWISE ON THE DRAWINGS, PROVIDE CONTROL AND/OR CONSTRUCTION JOINTS AT EVERY COLUMN LINE AND IN BETWEEN THE COLUMNS SUCH THAT THE JOINT SPACING DOES NOT EXCEED 36 * (SLAB THICKNESS) UNLESS SHOWN OTHERWISE. THE RESULTING PANELS SHOULD BE APPROXIMATELY SQUARE.

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



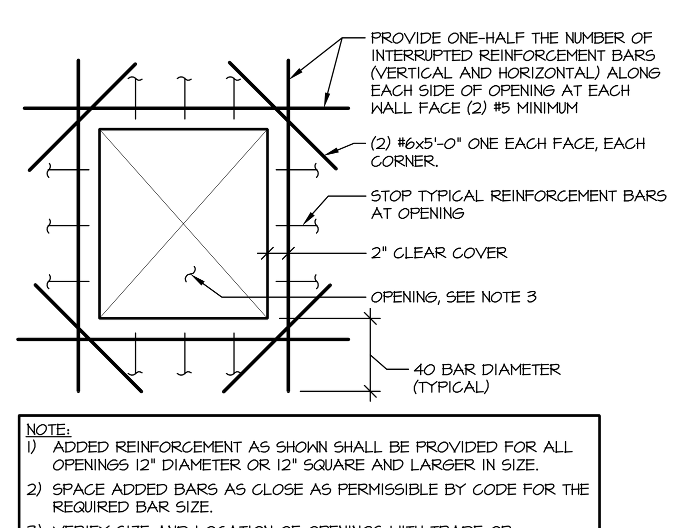
7/S001 OVERHEAD DOOR APRON
SCALE: NONE

PRELIMINARY
NOT FOR CONSTRUCTION

FOOTING SCHEDULE

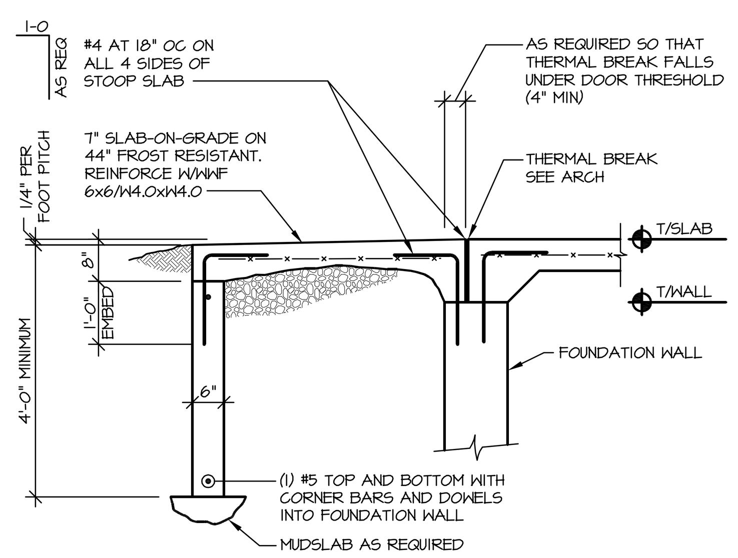
MARK	FOOTING DIMENSIONS	FOOTING REINFORCEMENT (SEE NOTES 1 AND 2)	REMARKS
F40	4'-0"x4'-0"x12"	(4) #5 EW	
F50	5'-0"x5'-0"x13"	(5) #5 EW	
F50TB	5'-0"x5'-0"x24"	(5) #5 EW (T&B)	
F60	6'-0"x6'-0"x15"	(6) #5 EW	
F70	7'-0"x7'-0"x17"	(8) #5 EW	
F80	8'-0"x8'-0"x19"	(7) #6 EW	
F80A	8'-0"x8'-0"x32"	(8) #8 EW B, (8) #6 EW T	NOTE 3
F80B	8'-0"x8'-0"x32"	(8) #8 EW B, (8) #6 EW T	NOTE 4
F90	9'-0"x9'-0"x22"	(10) #6 EW B	
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 5
F110A	11'-0"x11'-0"x48"	(8) #9 EW B, (9) #6 EW T	NOTE 5
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 19/S800.
4) (3) #6 UPLIFT BENT BARS EACH WAY TOP. SEE DETAIL 19/S800.
5) (5) #6 UPLIFT BENT BARS EACH WAY TOP. SEE DETAIL 19/S800.



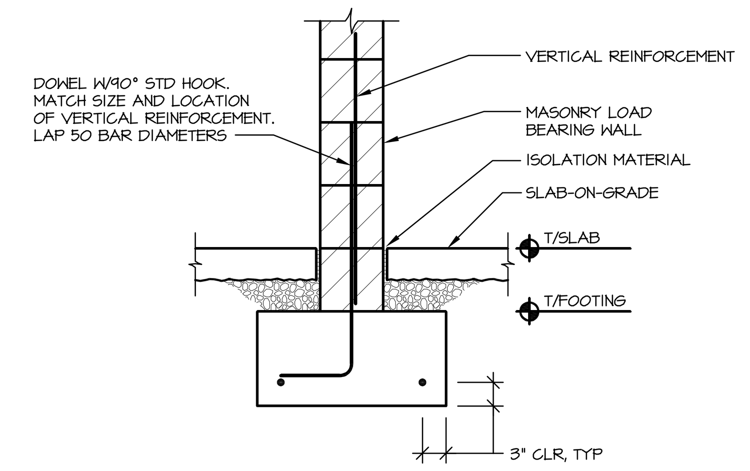
NOTE:
1) ADDED REINFORCEMENT AS SHOWN SHALL BE PROVIDED FOR ALL OPENINGS 12" DIAMETER OR 12" SQUARE AND LARGER IN SIZE.
2) SPACE ADDED BARS AS CLOSE AS PERMISSIBLE BY CODE FOR THE REQUIRED BAR SIZE.
3) VERIFY SIZE AND LOCATION OF OPENINGS WITH TRADE OR SUBCONTRACTOR WHICH REQUIRES OPENING.

8/S001 ADDED REINFORCEMENT AT OPENINGS
SCALE: NONE

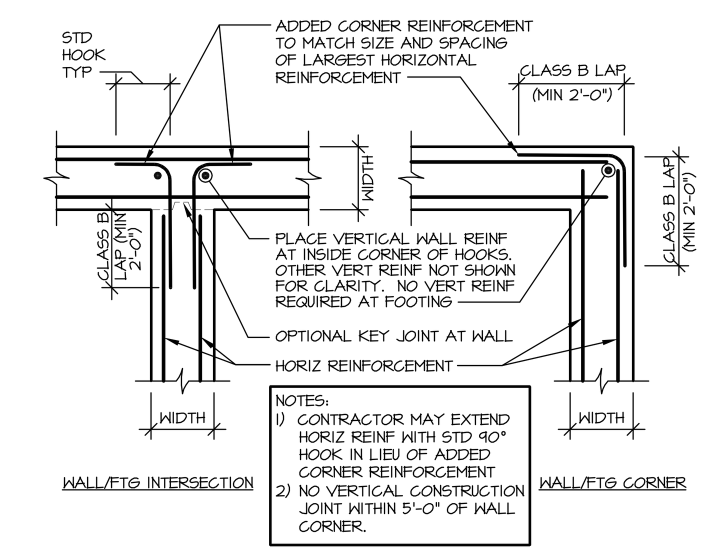


9/S001 TYPICAL STOOP
SCALE: 1/2" = 1'-0"

10/S001 TRENCH DRAIN - NOT USED
SCALE: 1" = 1'-0"

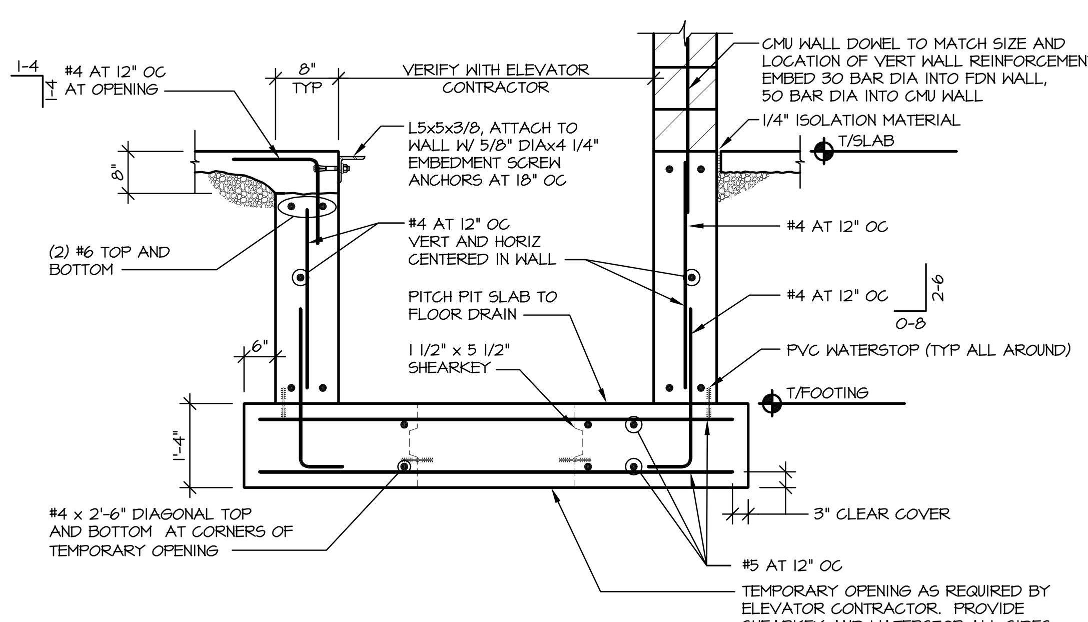


11/S001 FOOTING AT INTERIOR MASONRY WALLS
SCALE: 3/4" = 1'-0"

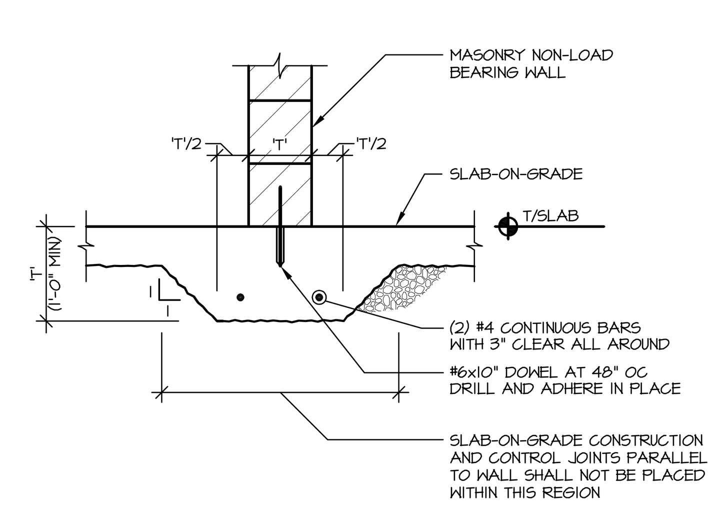


NOTES:
1) CONTRACTOR MAY EXTEND HORIZ REINF WITH STD 90° HOOK IN LIEU OF ADDED CORNER REINFORCEMENT
2) NO VERTICAL CONSTRUCTION JOINT WITHIN 5'-0" OF WALL CORNER.

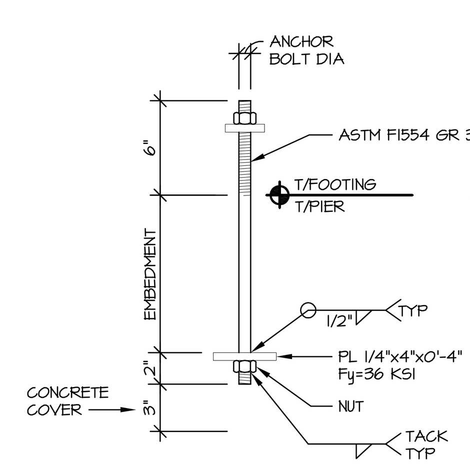
12/S001 TYP WALL/FOOTING CORNER
SCALE: NONE



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

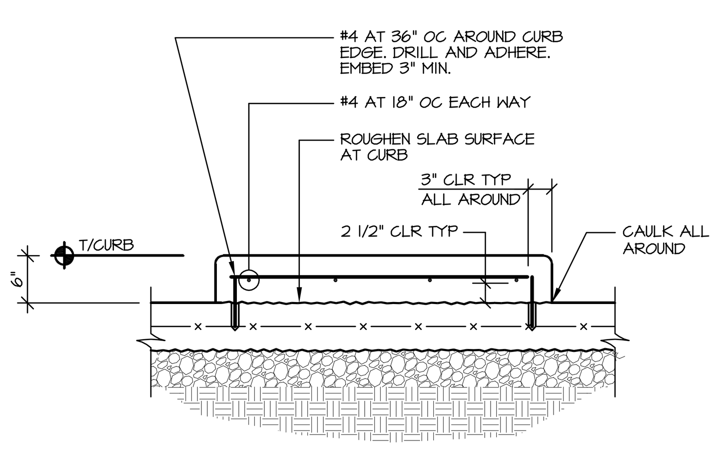


14/S800 THICKENED SLAB FOR NON-LOAD BEARING WALLS
SCALE: 3/4" = 1'-0"



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"

CONSULTANT
ARNOLD & O'SHERIDAN, INC.
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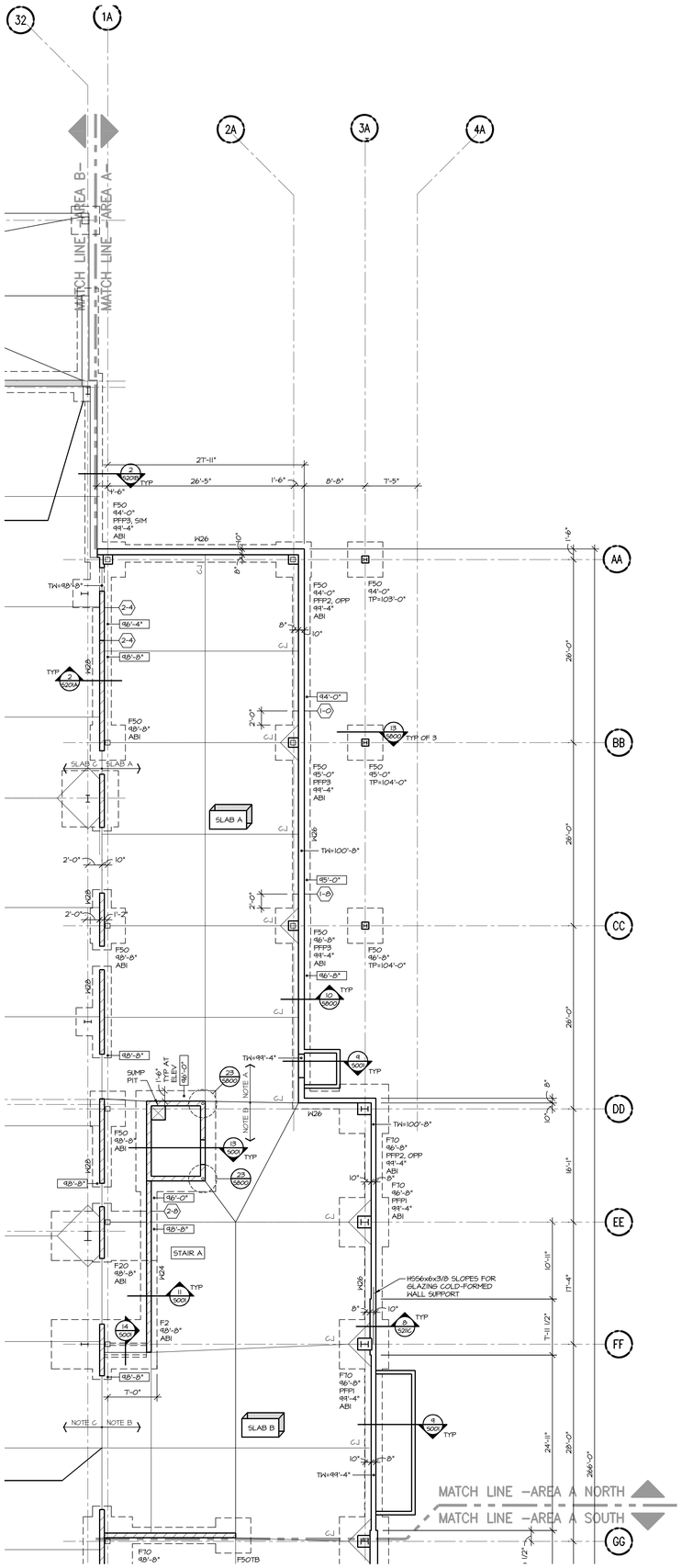
PROJECT TITLE
ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

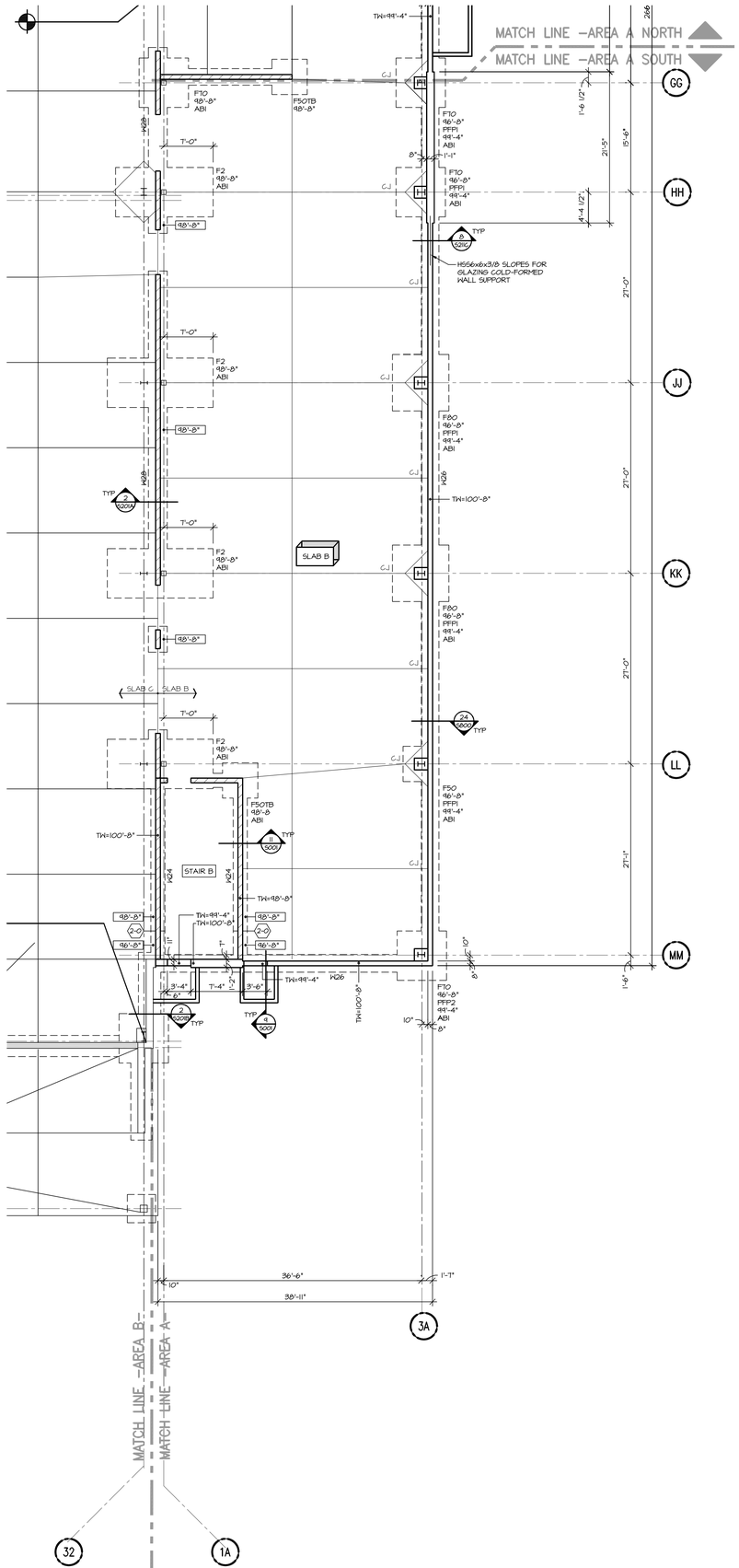
1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

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 C. SEE S400 FOR SLAB REINFORCEMENT SCHEDULE.

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;

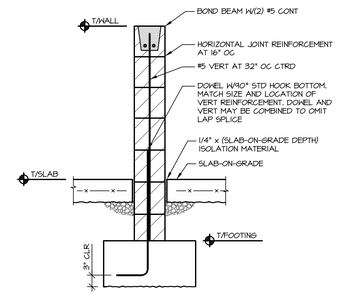
2/S001 FOOTING STEP DETAIL
3/S001 FOOTING STEP DETAIL
4/S001 CONCRETE WALL JOINT DETAIL
5/S001 PIPE PASSING UNDER WALL FOOTING
6/S001 SLAB ON GRADE JOINT DETAIL
8/S001 CONCRETE WALL OPENING DETAIL
9/S001 STOOP DETAIL
12/S001 CORNER REINFORCEMENT DETAIL

5) SEE S800 FOR PIER DETAILS.

6) PROVIDE WET-CURE SLAB-ON-GRADE AT FLOOR SLABS RECEIVING SEALED FLOOR FINISH. SEE FINISH SCHEDULE AND PROJECT SPECIFICATION MANUAL.

7) SLAB B. SEE S400 FOR SLAB REINFORCEMENT SCHEDULE.

8) SLAB A. SEE S400 FOR SLAB REINFORCEMENT SCHEDULE.



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

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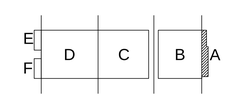
ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

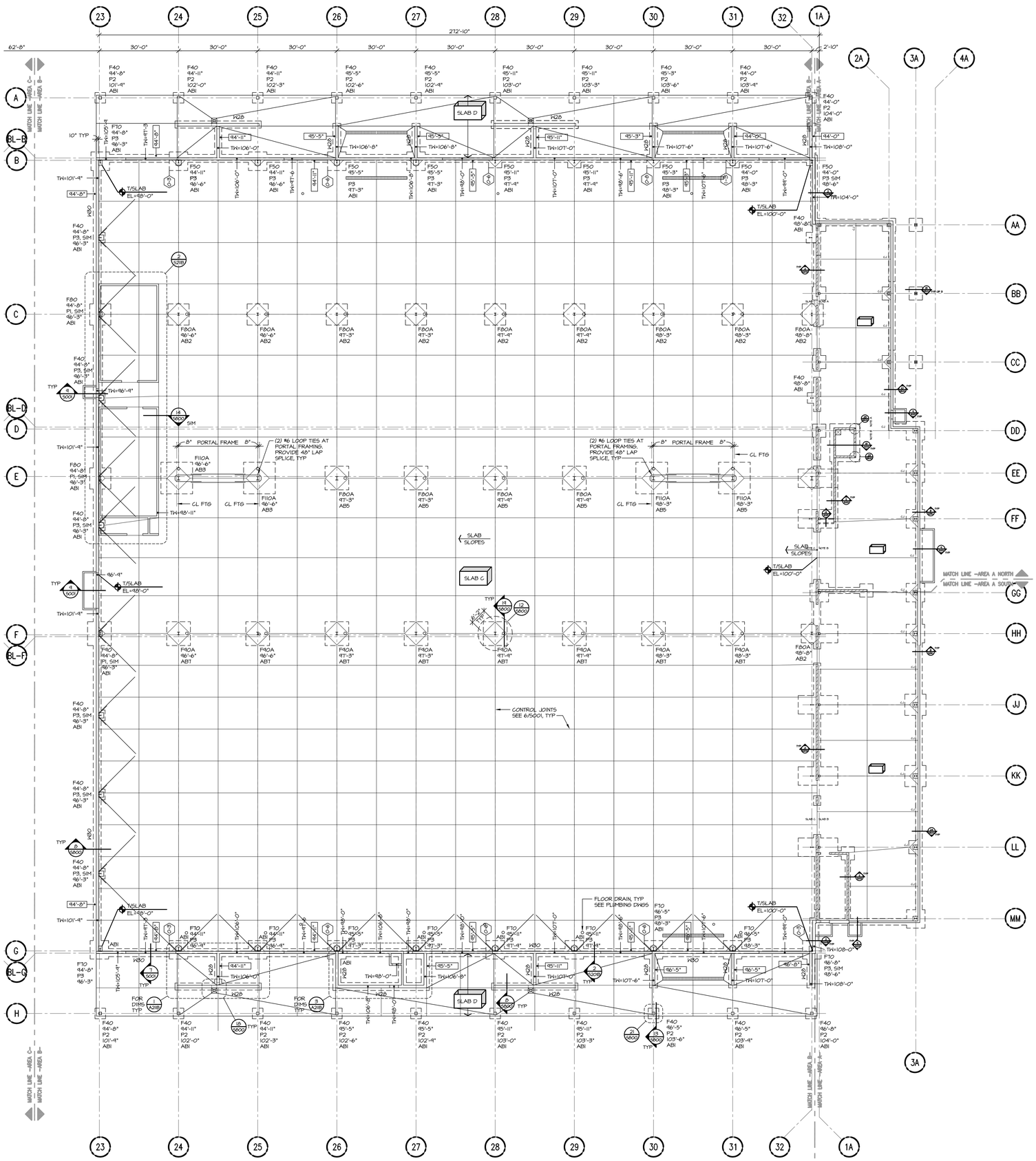
FOUNDATION PLAN
AREA A



KEY PLAN

SHEET NO.

S201A



1 S201B 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 C, SEE S900 FOR SLAB REINFORCEMENT SCHEDULE.

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

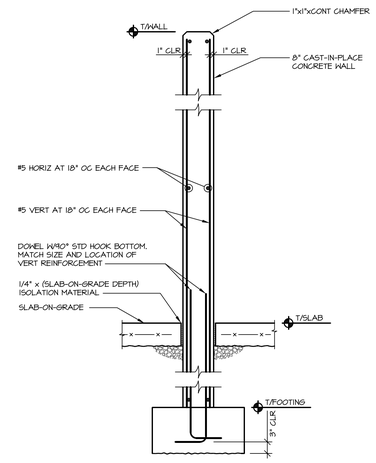
5) TYPICAL WHERE SLAB-ON-GRADE ABUTS WALL OR COLUMN, PROVIDE 1/4" x (SOG DEPTH) ISOLATION FILLER STRIP. SET STRIP 1/4" BELOW FINISH SLAB ELEVATION.

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.

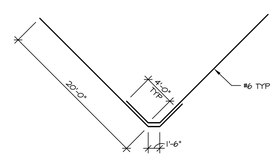
7) SEE S800 FOR PIER DETAILS, TYPICAL.

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

9) SLAB D, SEE S900 FOR SLAB REINFORCEMENT SCHEDULE.



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



3 S201B PAVILION SLAB REINFORCEMENT
SCALE: NONE

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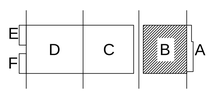
PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713



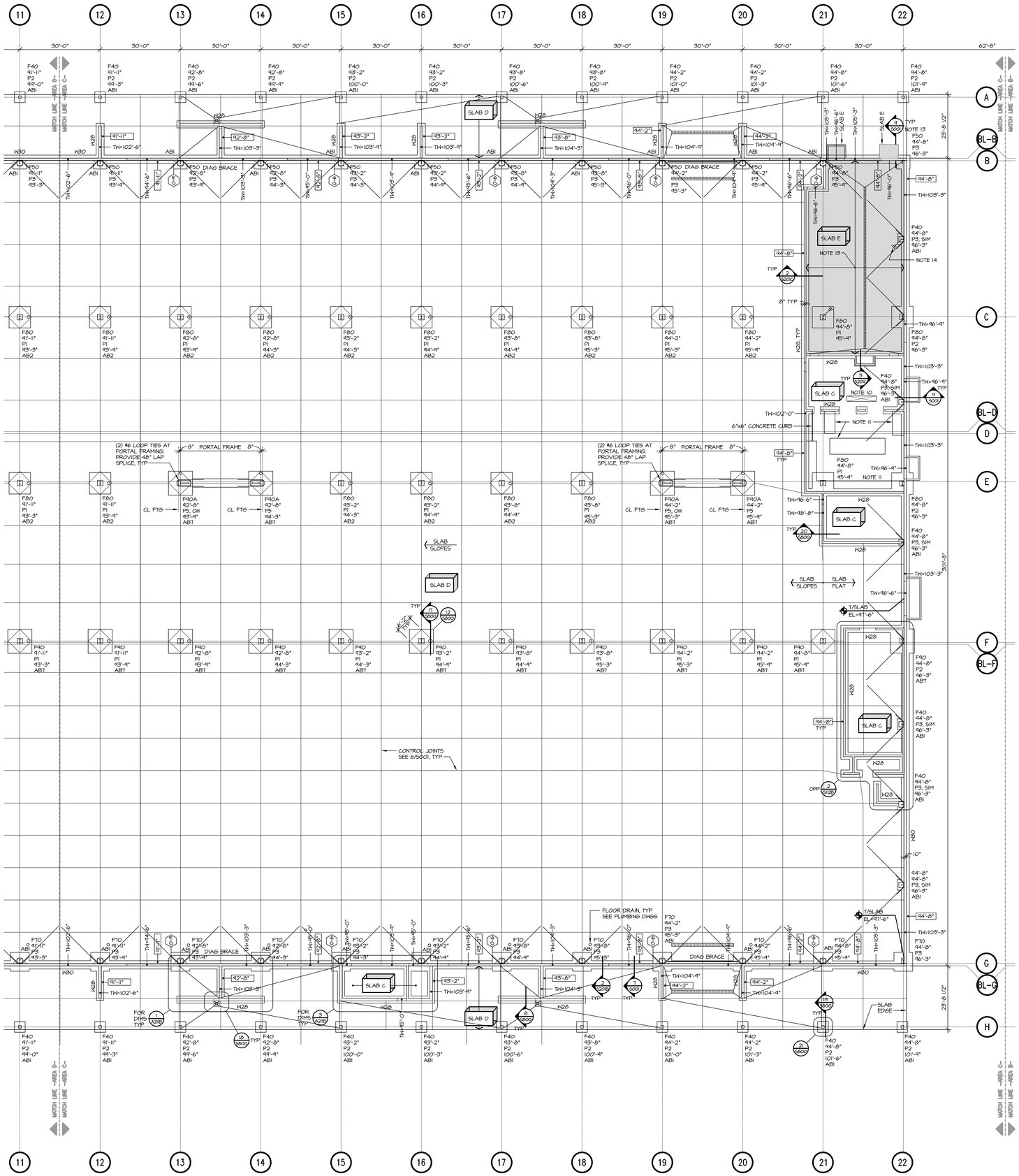
KEY PLAN

SHEET TITLE

FOUNDATION PLAN AREA B

SHEET NO.

S201B



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 D, SEE S400 FOR SLAB REINFORCEMENT SCHEDULE.

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.

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

11) 6" CONCRETE HOUSEKEEPING PAD. SEE DETAIL 16/S001

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

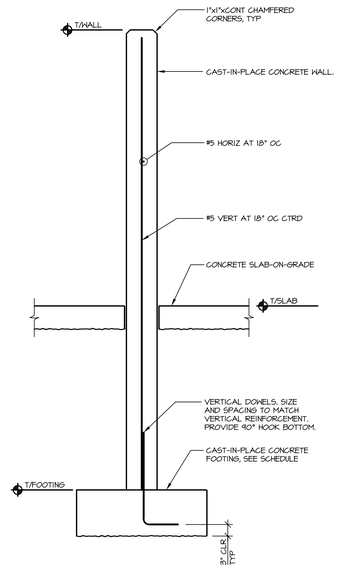
13) ELECTRICALLY GROUNDED CONCRETE SLAB-ON-GRADE. PLACE WWF REINFORCEMENT PER NOTE 2. FIELD WELD ALL WIRE OVERLAPS WITH 1/8" BEVEL WELD 1" LONG TO PROVIDE A CONTINUOUS WIRE MAT FOR GROUNDING. AT (3) ENTRANCES, PROVIDE A CONTINUOUS #5 WELDABLE REBAR AT OPENING WIDTH FIELD WELDED TO WIRE REINFORCEMENT MAT. PROVIDE #6x10'-0" LONG AND 12" LONG LEG AT 45° ANGLE AT 12" OC AT ENTRANCES. FIELD WELD TO #6 CONT AT DOOR AND WIRE MAT. PROVIDE ASTM WELDABLE BARS. DO NOT USE FIBER REINFORCED CONCRETE IN THIS AREA.

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

15) SLAB D, SEE S400 FOR SLAB REINFORCEMENT SCHEDULE.

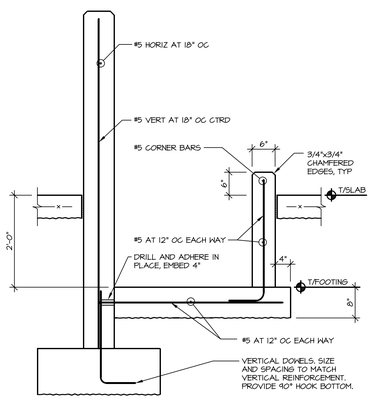
16) SLAB E, SEE S400 FOR SLAB REINFORCEMENT SCHEDULE.

17) SLAB C, SEE S400 FOR SLAB REINFORCEMENT SCHEDULE.



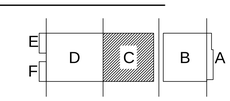
2 S201C WALL SECTION AT PAVILIONS

SCALE: NONE



3 S201C PIT DETAIL

SCALE: NONE



KEY PLAN

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

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

T/ 608 276 9200
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CONSULTANT

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726 HEARTLAND TRAIL
MADISON, WI 53717

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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

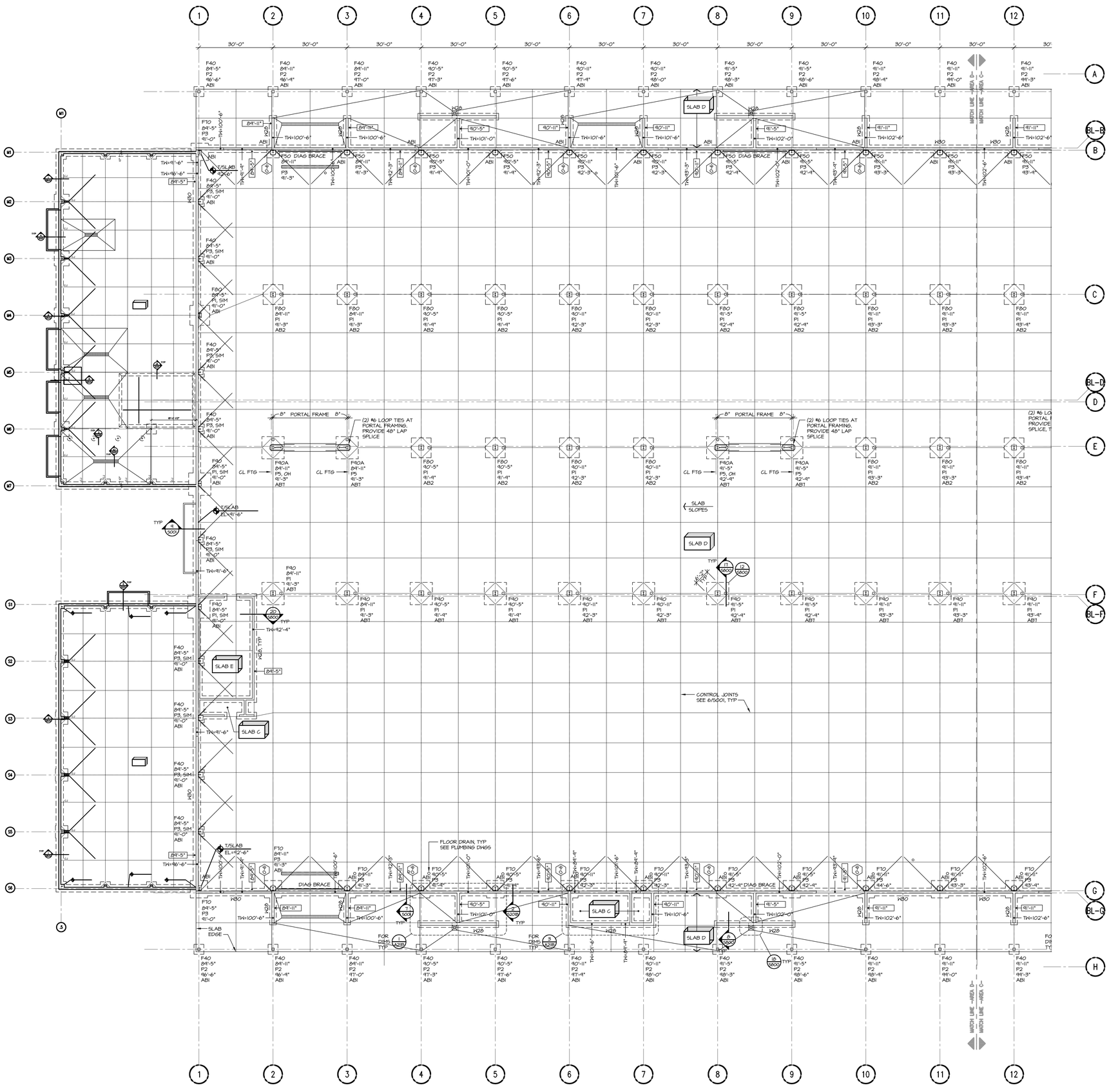
1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

FOUNDATION PLAN
AREA C

SHEET NO.

S201C



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 D. SEE S400 FOR SLAB REINFORCEMENT SCHEDULE.

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 (50% DEPTH) ISOLATION FILLER STRIP. SET STRIP 1/4" BELOW FINISH SLAB ELEVATION.

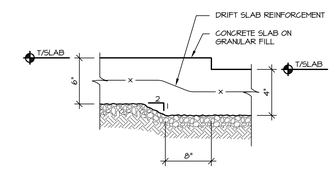
6) ALL FOUNDATION, FOOTING AND PIER SIZES TO BE VERIFIED/ CONFIRMED WITH METAL BUILDING FINAL DESIGN. SIZES/ORIENTATIONS SHOWN ARE BASED ON PRELIMINARY INFORMATION ONLY.

7) SEE S800 FOR PIER DETAILS, TYPICAL.

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

9) SLAB D. SEE S400 FOR SLAB REINFORCEMENT SCHEDULE.

10) SLAB C. SEE S400 FOR SLAB REINFORCEMENT SCHEDULE.



2 S201D SLAB-ON-GRADE DEPRESSION

SCALE: NONE

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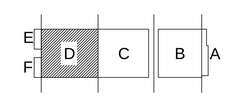
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713



SHEET TITLE

FOUNDATION PLAN
AREA D

KEY PLAN

SHEET NO.

S201D

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 F. SEE S900 FOR SLAB REINFORCEMENT SCHEDULE.

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

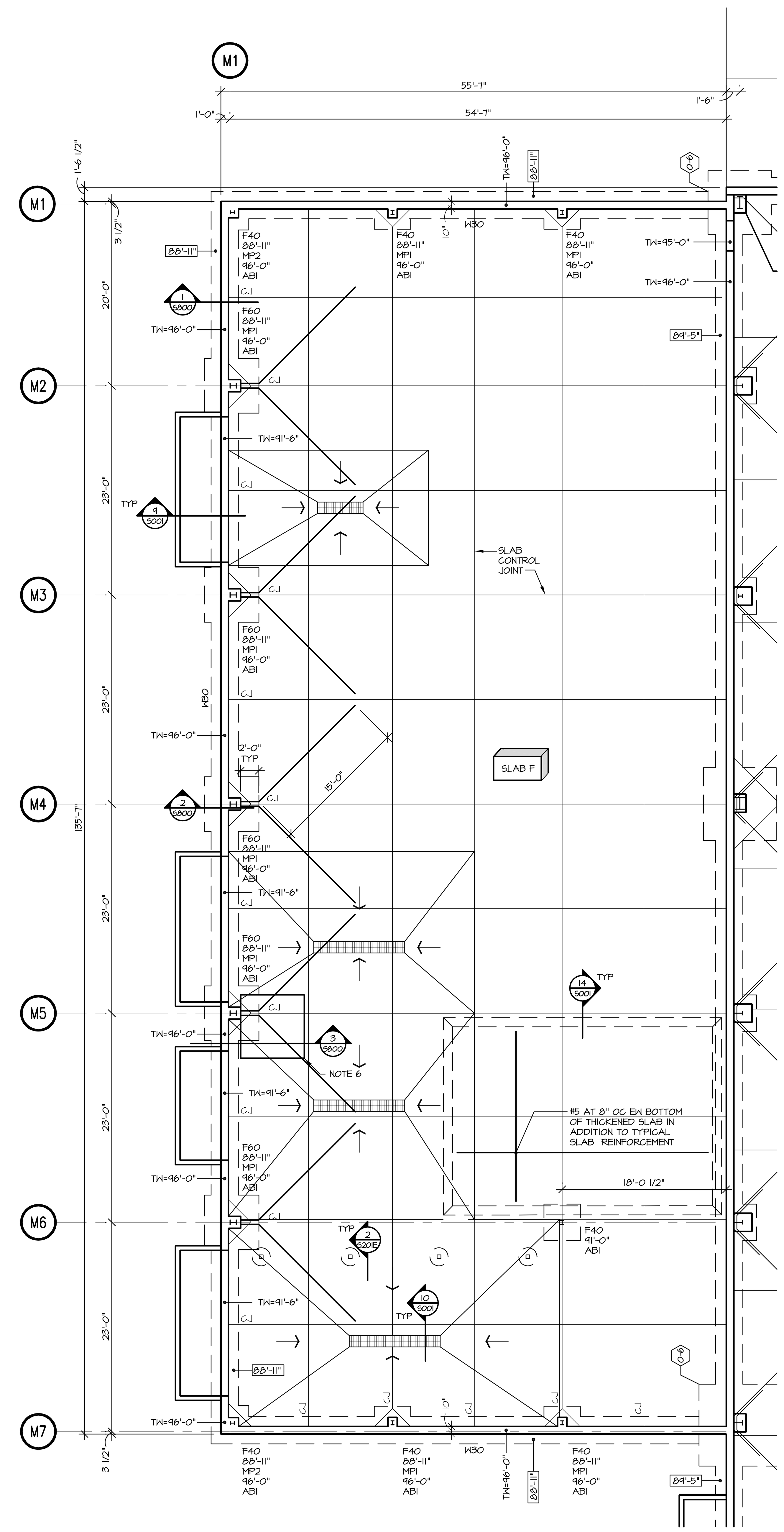
4) TYPICAL DETAILS THAT APPLY TO PLAN INCLUDE;

   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

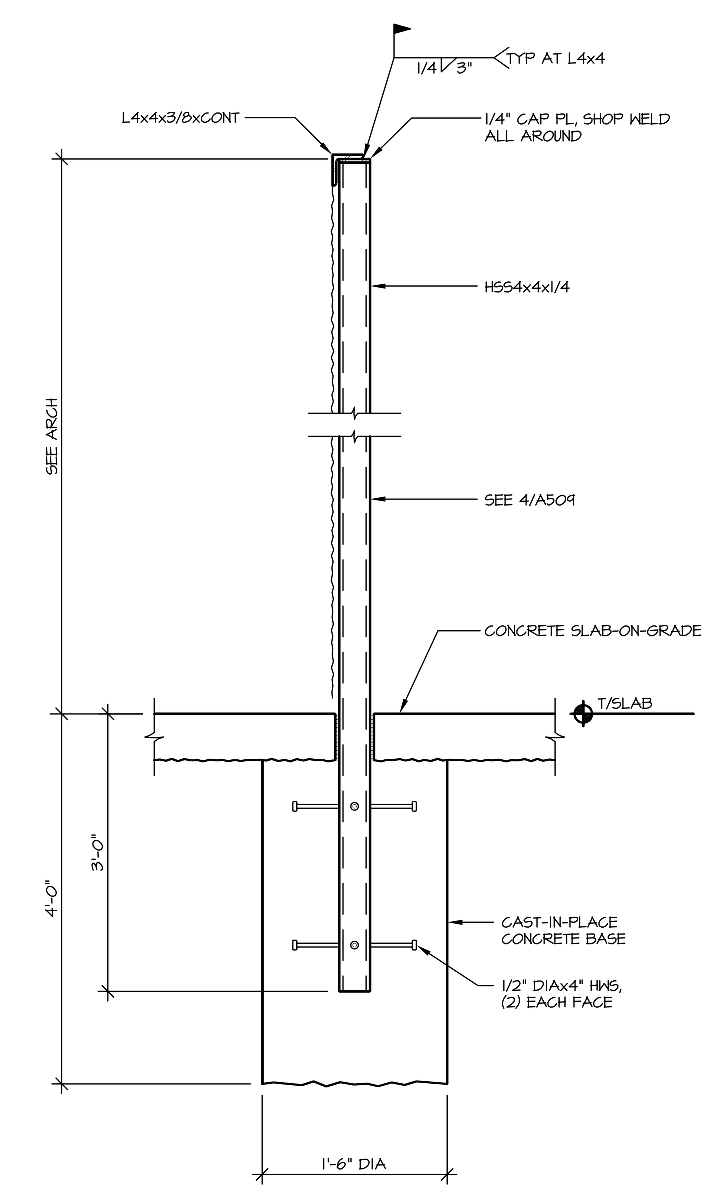
5) TYPICAL WHERE SLAB-ON-GRADE ABUTS WALL OR COLUMN, PROVIDE 1/4" x (SOG DEPTH) ISOLATION FILLER STRIP. SET STRIP 1/4" BELOW FINISH SLAB ELEVATION.

6) 7'-0"x7'-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.



1 S201E FOUNDATION PLAN - AREA E
SCALE: 1/8" = 1'-0"



2 S201E CURTAIN SECTION
SCALE: NONE

STRANG

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ENGINEERING
INTERIOR DESIGN

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6411 MINERAL POINT ROAD
MADISON, WI 53705-4395

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CONSULTANT

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PROJECT TITLE

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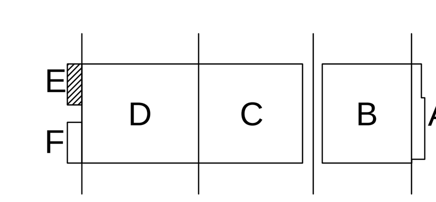
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713



KEY PLAN

SHEET TITLE

FOUNDATION PLAN
AREA E

SHEET NO.

S201E

FOUNDATION PLAN NOTES:

1) FINISH SLAB ELEVATION = 93'-0" LOCAL DATUM UNLESS NOTED NOTED OTHERWISE. TOP OF FOOTING ELEVATION = 89'-3" UNLESS NOTED OTHERWISE.

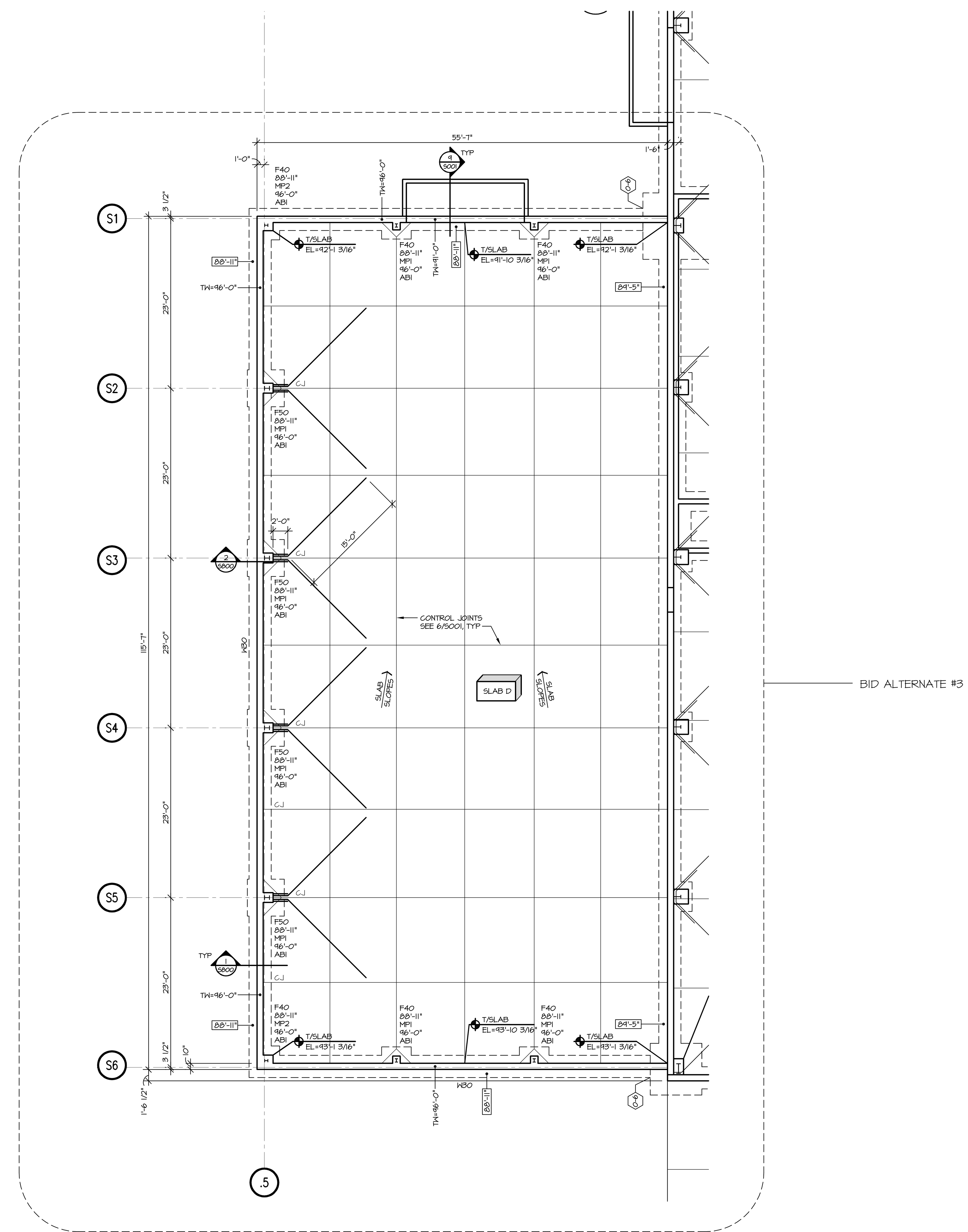
2) SLAB D. SEE S900 FOR SLAB REINFORCEMENT SCHEDULE.

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 (SOG DEPTH) ISOLATION FILLER STRIP. SET STRIP 1/4" BELOW FINISH SLAB ELEVATION.



1 S201F FOUNDATION PLAN – AREA F
SCALE: 1/8"= 1'-0"

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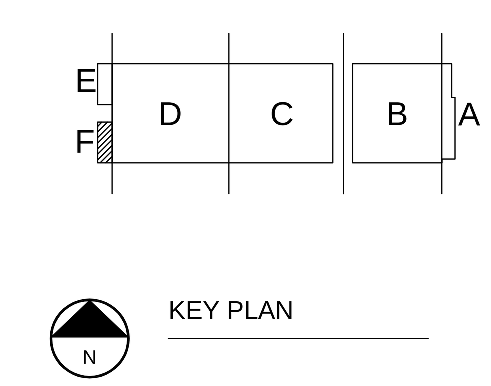
DATE	10-29-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713



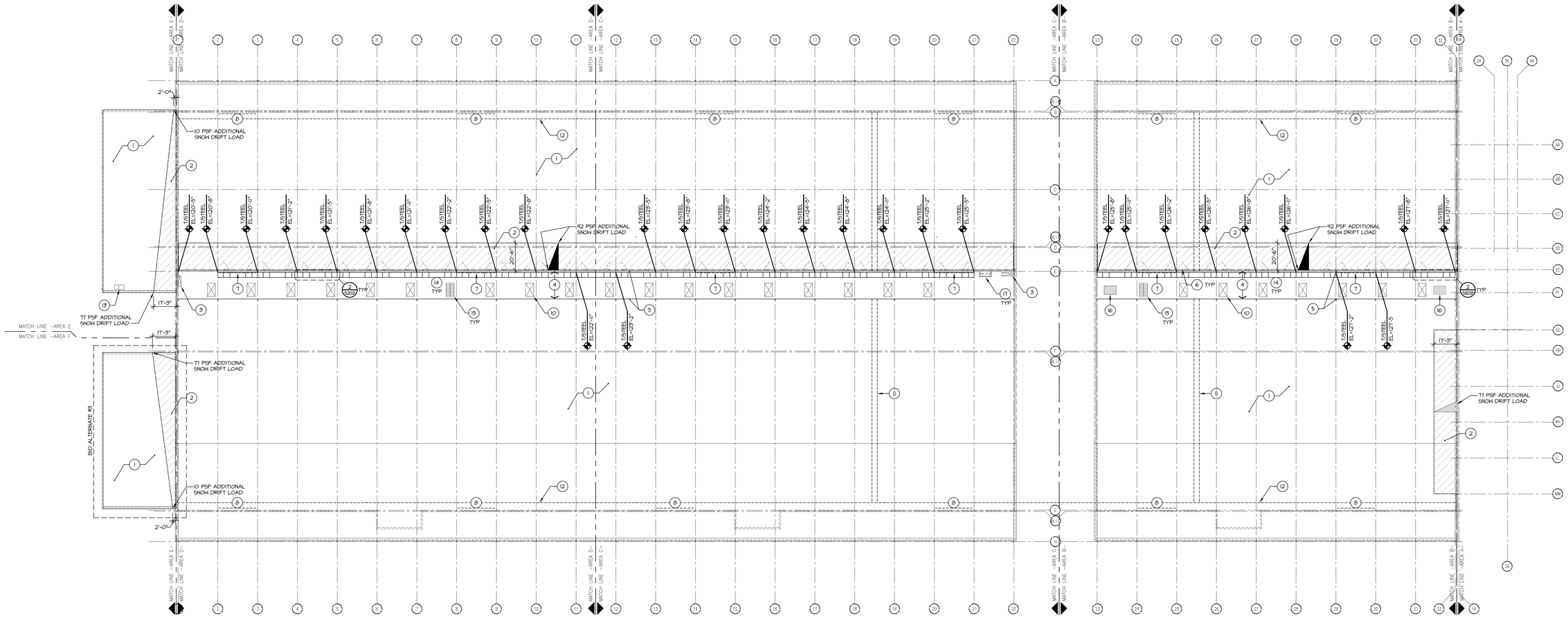
KEY PLAN

SHEET TITLE

FOUNDATION PLAN
AREA F

SHEET NO.

S201F



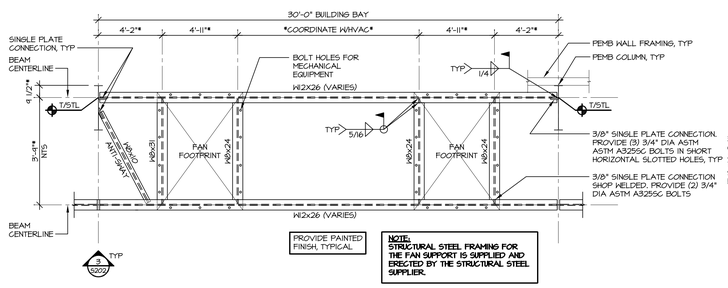
1 / S202 MEZZANINE AND ROOF LOADS

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

KEYED NOTES:

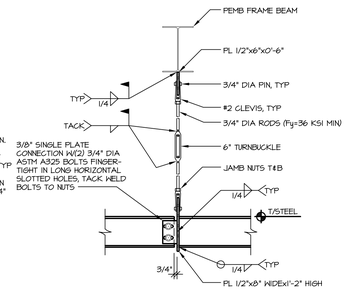
1. TYPICAL ROOF SNOW LOAD AND 5 PSF COLLATERAL DEAD LOAD. THE NOTED COLLATERAL DEAD LOADS ARE FOR HVAC SUPPLY SOCKS, LIGHTING AND ADDITIONAL MISCELLANEOUS DEAD LOADS. PROVIDE THE NOTED COLLATERAL DEAD LOAD AT THE ROOF OVER MECHANICAL EQUIPMENT CHASE.
2. SNOW DRIFT LOAD THAT IS IN ADDITION TO THE TYPICAL ROOF SNOW LOAD.
3. PLENUM ACCESS, SEE ARCH.
4. HELDABLE 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. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFO.
7. PORTAL FRAME BAY.
8. LATERAL BRACE BAY.
9. NOT USED.
10. HOLE IN PLENUM FLOOR AND MECHANICAL DUCTWORK BELOW. PROVIDE 80 PSF COLLATERAL DEAD LOAD FOR MECHANICAL DUCTWORK SUPPORTED FROM THE PEMB FRAME FOR THE PLENUM CHASE.
11. DUAL WIRES TO SUPPORT SUPPLY AIR DUCTWORK SOCK (3 PLF). EACH WIRE IS TENSIONED TO 500 LBS. THE WIRE IS SUPPORTED APPROXIMATELY AT 10'-0" FROM THE PEMB STRUCTURE, TYPICAL EACH BUILDING BAY.
12. GAS-FIRED RADIANT HEATERS AT 5 PLF COLLATERAL DEAD LOAD SUPPORTED BY THE PEMB ROOF STRUCTURE. COMBUSTION IS 50 LB EACH AND 100 LBS AT THE ROOF EXHAUST FAN. SEE HVAC DRAWINGS FOR THIS EQUIPMENT LOCATION.
13. PEMB ROOF SUPPORT MAKE-UP AIR HANDLING UNIT, 1,500 LBS COLLATERAL DEAD LOAD.
14. COLD-FORMED STEEL FRAMING FOR WALLS, FLOOR AND CEILING. CONNECT TO THE PEMB STRUCTURAL SYSTEM TO CREATE THE AIR PLENUM, TYPICAL. PROVIDE A STRUCTURAL PANEL DECK AS NOTED IN 2/A5C08 IN THE WALK-ABLE PLENUM. SEE SPECIFICATION SECTION 06100. SECURE CONCRETE PANELS WITH #12 SELF-DRILLING FLATHEAD SCREWS AT 12" OC, TYPICAL.
15. PROVIDE WELDED STEEL GRATING WITH BEARING BARS AT 3" OC AND CROSS-BARS AT 3" TO 4" OC (GALV). BEAR GRATING ON COLD-FORMED STEEL FRAMING TO CREATE A LEVEL WALKING SURFACE USING A GAUGE BENT PLATE OR STEP DOWN TRACK. COMPLY WITH NOTE 4 FOR LOADING.
16. MECHANICAL EQUIPMENT ROOF SUPPORTED USING 1" DIA THREAD-ALL RODS. ASSUMED 4,000 LBS EQUIPMENT WEIGHT.
17. PROVIDE FRAMED OPENING FOR MECHANICAL FLUE PIPES.

NOTE:
ALL LOADS IMPOSED ON THE PRE-ENGINEERED METAL BUILDING MAY NOT BE NOTED ON THIS DRAWING. PRE-ENGINEERED METAL BUILDING SUPPLIER IS RESPONSIBLE FOR REVIEWING ALL DRAWINGS FOR LOADS IMPOSED ON THE PRE-ENGINEERED METAL BUILDING.



2 / S202 MECHANICAL EQUIPMENT SUPPORT ASSEMBLY

SCALE: NONE



3 / S202 HANGING ROD CONNECTION

SCALE: NONE

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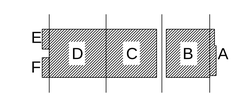
PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

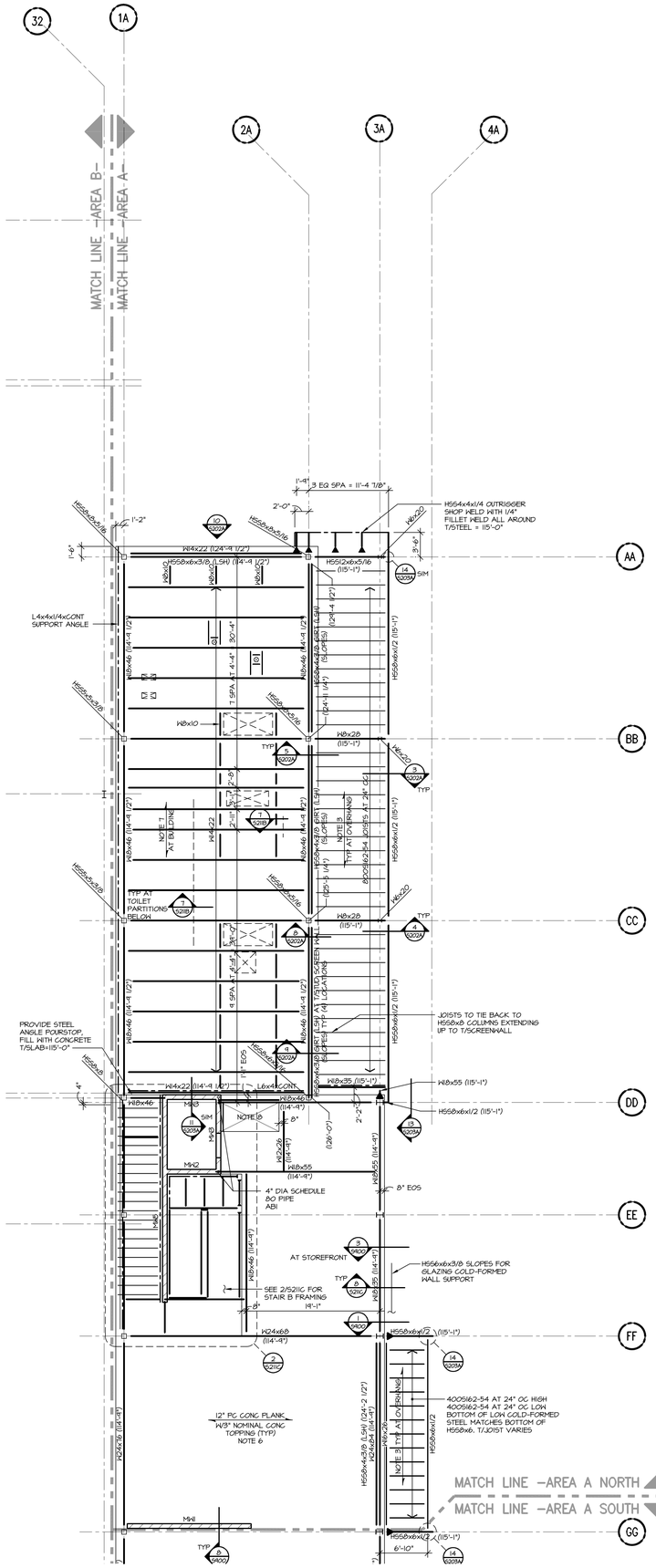
STRUCTURAL MEZZANINE AND ROOF LOADS



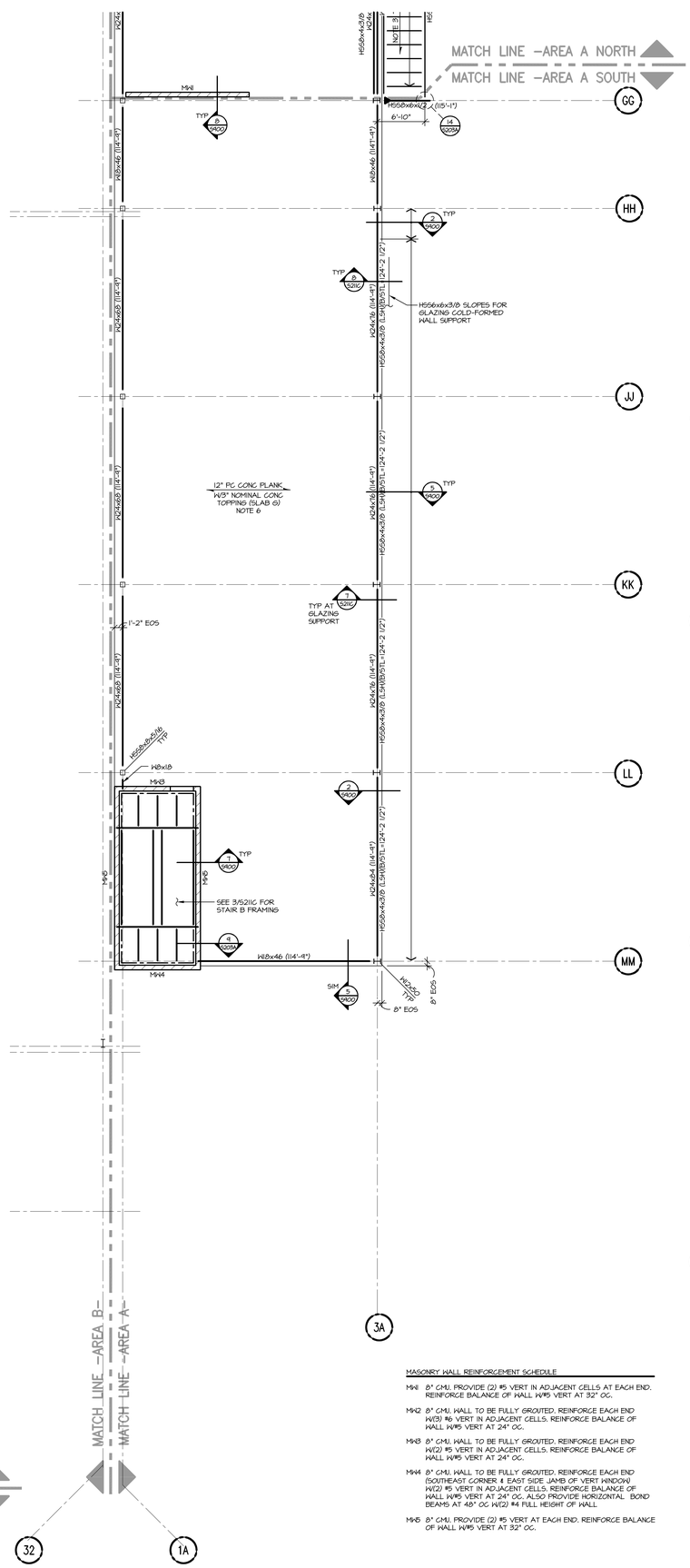
KEY PLAN

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"

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.

NOTES:

1) TOP OF PRECAST PLANK WITH 3" TOPPING = 116'-0"

2) METAL DECK BEARING ELEVATION = 115'-0".
JOIST BEARING ELEVATION = 114'-4 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 ON STEEL FRAMING. PROVIDE #10 SELF-DRILLING SCREWS AT 12" OC ON COLD-FORMED STEEL JOISTS AND (1) #10 SELF-DRILLING SCREW AT SIDE LAPS BETWEEN JOISTS.

THICK = 0.0239 IN | Ip = 0.1210 IN⁴/FT | Sp = 0.1200 IN³/FT
Fy = 60 KSI | In = 0.1210 IN⁴/FT | Sn = 0.1310 IN³/FT

4) PROVIDE COLD-FORMED STEEL STUD BUNDLE TO FORM HSS6x4 SUPPORT AT SCREEN WALL. SEE DETAIL 5/S202A.

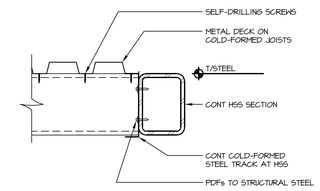
5) PROVIDE DOUBLE ANGLE BOLTED CONNECTIONS, TYPICAL.

6) 100 PSF LL + 10 PSF SUPERIMPOSED DEAD LOAD.

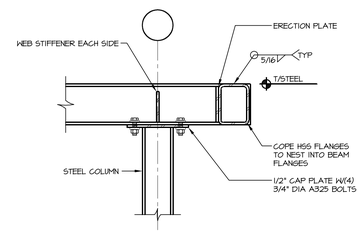
7) 1 1/2" TYPE BAI, 24 GA METAL ROOF DECK (PRIME PAINTED). ATTACH TO STRUCTURE WITH 5/8" DIA PUDDLE WELDS WITH 36/4 WELD PATTERN AND (3) #10 SELF-DRILLING SCREWS AT SIDE LAPS.

THICK = 0.0239 IN | Ip = 0.1210 IN⁴/FT | Sp = 0.1200 IN³/FT
Fy = 60 KSI | In = 0.1210 IN⁴/FT | Sn = 0.1310 IN³/FT

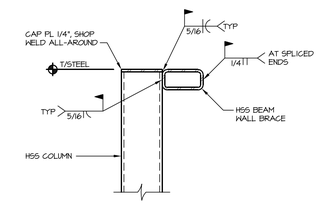
8) FUTURE HVAC DUCT SHAFT. PROVIDE DECK SUPPORT ANGLE ALONG ELEVATOR SHAFT PER DETAIL 11/S203A. PROVIDE W12x22 ON W18 ALONG GRID LINE DD. SHOP WELD. PROVIDE BENT PL 3/4"x12"x0'-3" POURSTOP. WELD TO W12. PROVIDE 1C24 METAL DECK TO BEAR ON PRECAST PLANK. SECURE TO PRECAST PLANK. REINFORCE TOPPING SLAB WITH #3 AT 8" OC EACH WAY, EXTENDING 18" INTO ADJACENT TOPPING SLAB ALL AROUND.



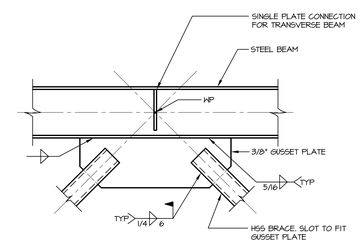
3 S202A JOIST BEARING
SCALE: 1 1/2"=1'-0



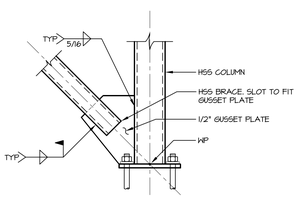
4 S202A JOIST BEARING
SCALE: NONE



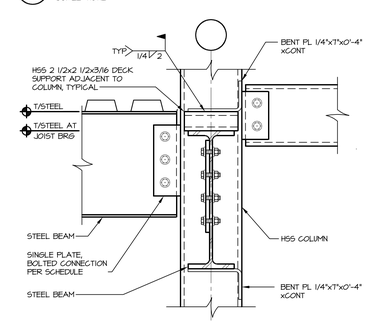
5 S202A SCREEN WALL FRAMING
SCALE: NONE



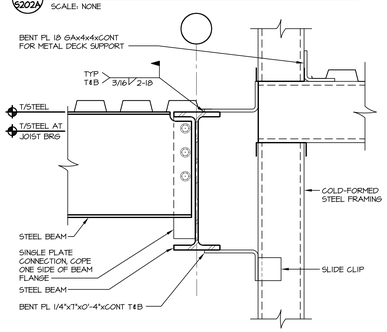
6 S202A HSS BRACE CONNECTION
SCALE: NONE



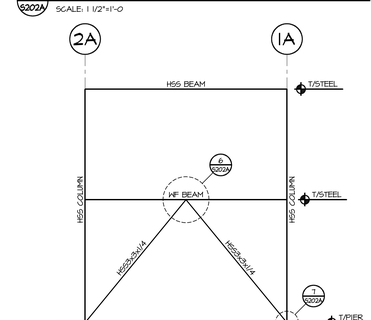
7 S202A HSS BRACE BASE CONNECTION
SCALE: NONE



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

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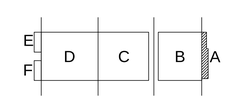
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

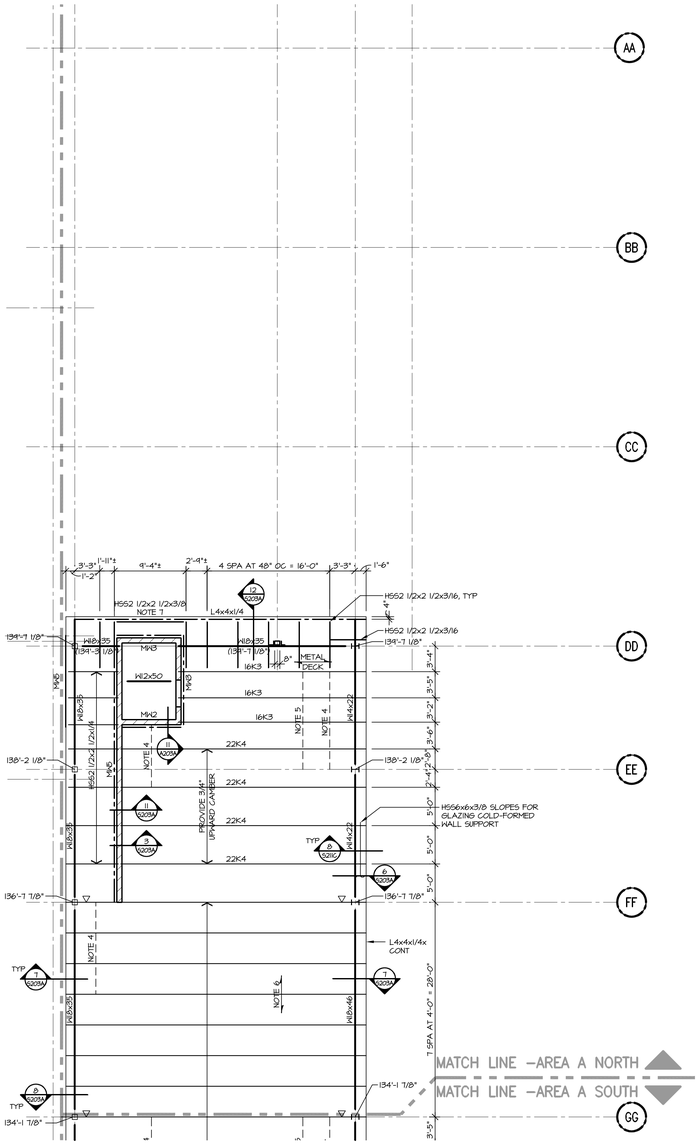
MEZZANINE FRAMING
LOW ROOF FRAMING
AREA A



KEY PLAN

SHEET NO.

S202A



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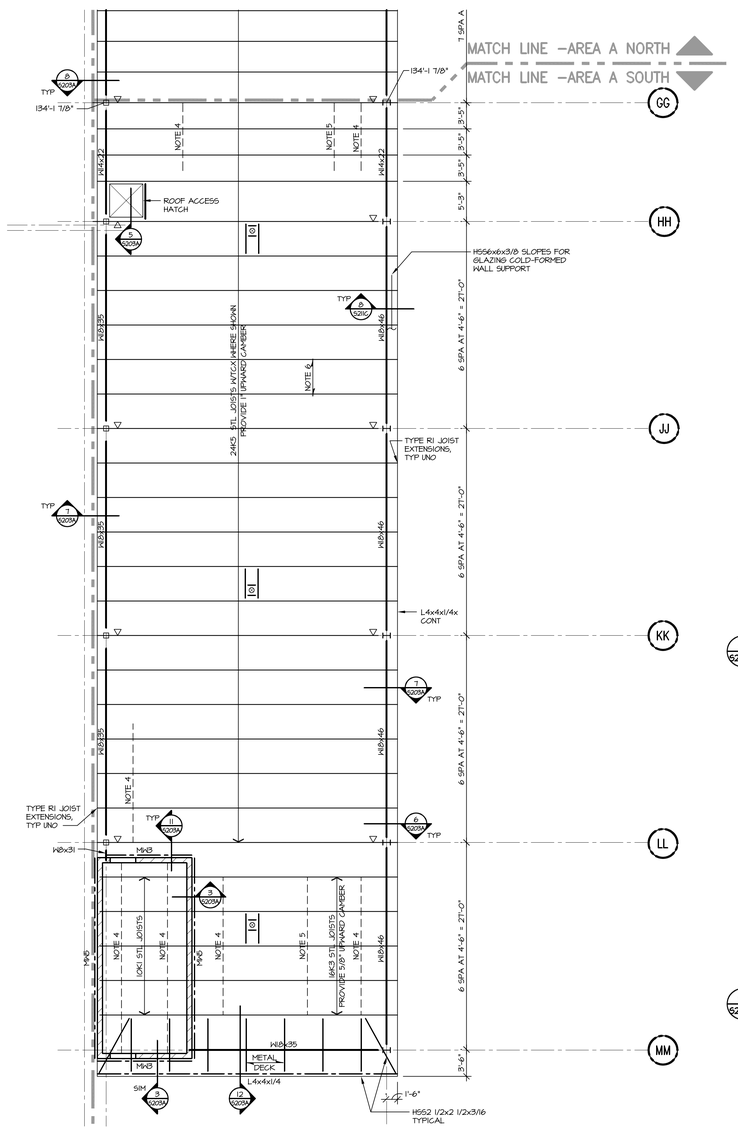
1 S203A HIGH ROOF FRAMING PLAN – AREA A NORTH

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



N

2 S203A HIGH ROOF FRAMING PLAN – AREA A SOUTH

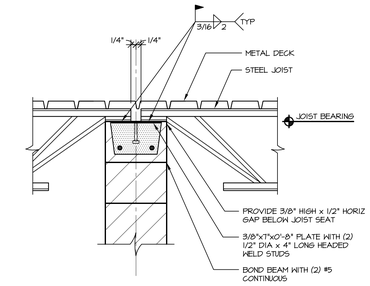
SCALE: 1/8"= 1'-0"

NOTES:

1) TOP OF STEEL = 132'-4 1/2" UNO.
2) JOIST BEARING ELEVATION = 132'-4 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 BAI, 24 GA METAL ROOF DECK (PRIME PAINTED). ATTACH TO STRUCTURE WITH 36/4 WELD PATTERN AND (3) #10 SELF-DRILLING SCREWS AT SIDE LAPS.

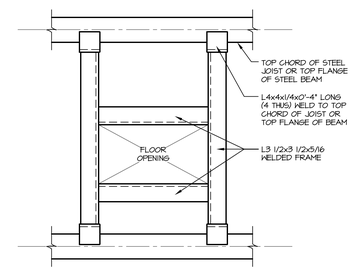
THICK = 0.0239 IN I P = 0.1070 IN⁴/FT Sp = 0.1200 IN³/FT
Fy = 80 I N = 0.1350 IN⁴/FT Sn = 0.1310 IN³/FT

7) FIELD WELD TO ADJACENT HSS2 1/2x2 1/2s
8) HSS8x6x5/16 LOCATED IN WALL. PROVIDE BENT PL EACH SIDE WITH (2) THRU BOLTS IN LONG VERTICAL SLOTTED HOLES. SHOP WELD BENT PLATE TO HSS.



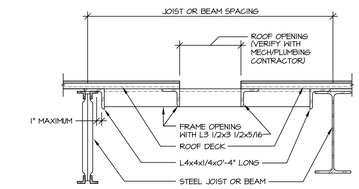
3 S203A K-SERIES JOIST ON MASONRY WALL

SCALE: NONE



4 S203A TYPICAL FRAMING AT FLOOR OPENINGS

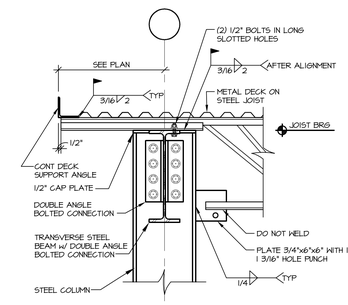
SCALE: NONE



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

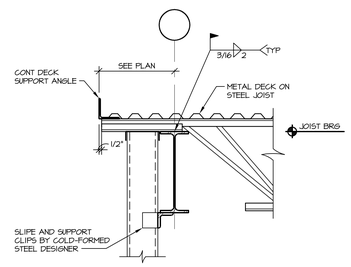
5 S203A TYPICAL FRAMING AT ROOF OPENINGS

SCALE: NONE



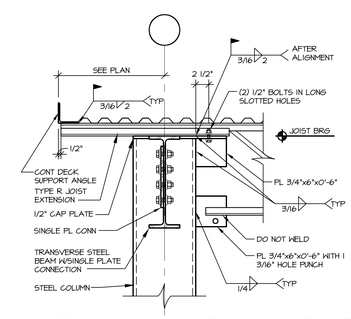
6 S203A WF COLUMN CONNECTION AT ROOF

SCALE: NONE



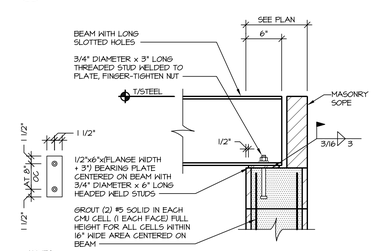
7 S203A JOIST BEARING

SCALE: NONE



8 S203A HSS COLUMN CONNECTION AT ROOF

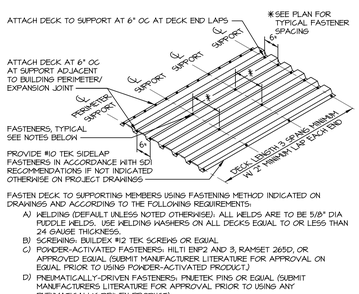
SCALE: NONE



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 1" BEARING LENGTH TO 11"

9 S203A BEAM BEARING DETAIL

SCALE: NONE

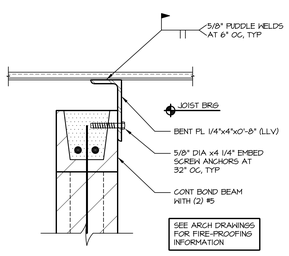


FASTEN DECK TO SUPPORTING MEMBERS USING FASTENING METHOD INDICATED ON DRAWINGS AND ACCORDING TO THE FOLLOWING REQUIREMENTS:

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: PINETEK PINS OR EQUAL (SUBMIT MANUFACTURERS LITERATURE FOR APPROVAL PRIOR TO USING ANY PNEUMATICALLY-DRIVEN PRODUCT)

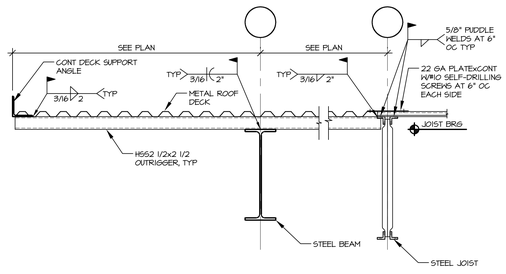
10 S203A METAL DECK FASTENING DETAIL

SCALE: NONE



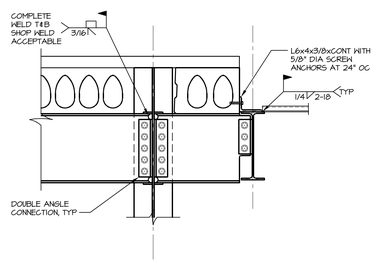
11 S203A CMU WALL AT METAL DECK

SCALE: NONE



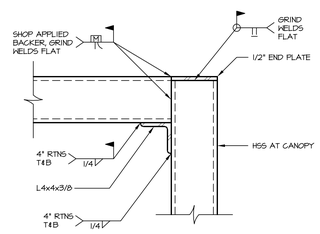
12 S203A WF COLUMN CONNECTION AT ROOF

SCALE: NONE



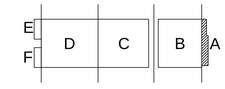
13 S203A MOMENT CONNECTION

SCALE: NONE



14 S203A CANOPY CONNECTION PLAN VIEW

SCALE: NONE



N KEY PLAN

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DRAWN	A&O
CHECKED	TJD
DATE	10-29-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

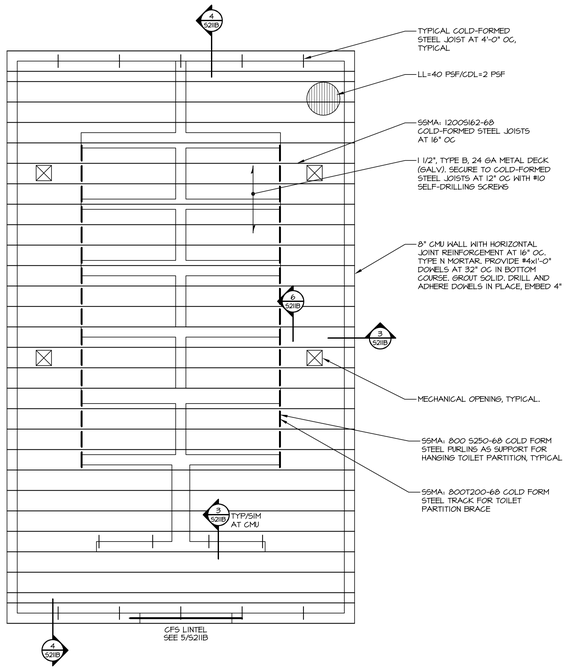
SHEET TITLE

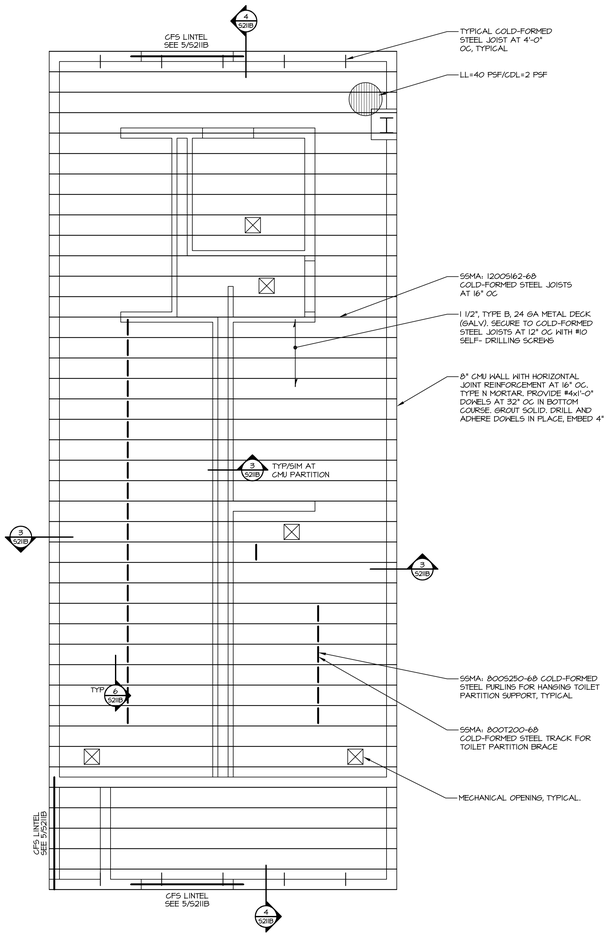
ROOF FRAMING PLAN
AREA A

SHEET NO.

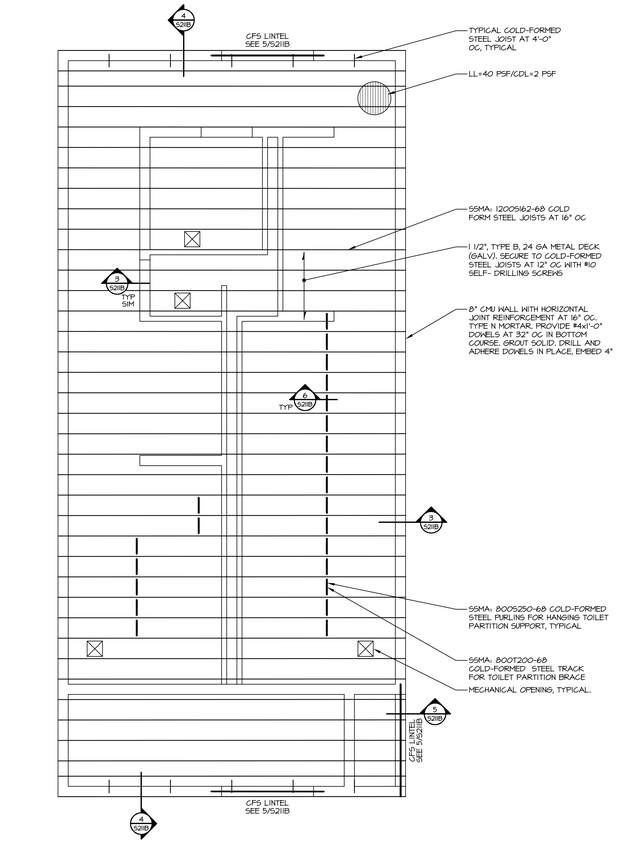
S203A

130172_2003

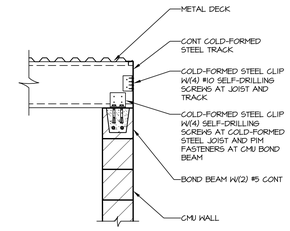




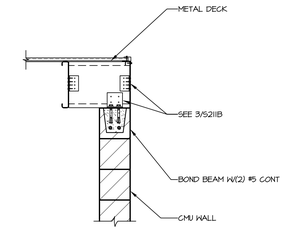
N 1 S211B CEILING FRAMING AT TOILET ROOM
SCALE: 1/4"= 1'-0"



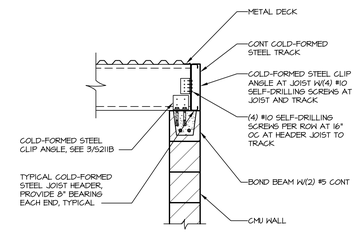
N 2 S211B CEILING FRAMING AT TOILER/SHOWER ROOMS
SCALE: 1/4"=1'-0"



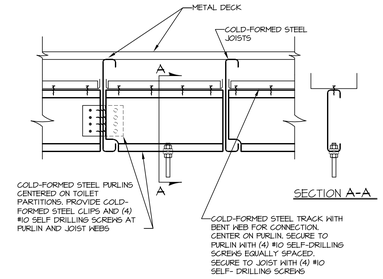
3 S211B COLD-FORMED STEEL FRAMING
SCALE: 3/4"=1'-0"



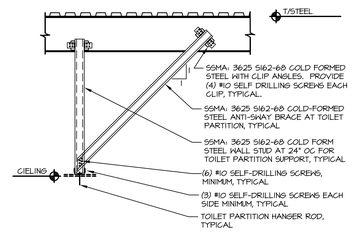
4 S211B COLD-FORMED STEEL FRAMING
SCALE: 3/4"=1'-0"



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

NOTE:
COLD-FORMED STEEL FRAMING SIZES ARE FOR BIDDING ONLY. SEE PROJECT SPECIFICATION MANUAL FOR PERFORMANCE DESIGN.

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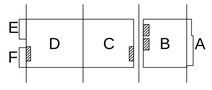
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713



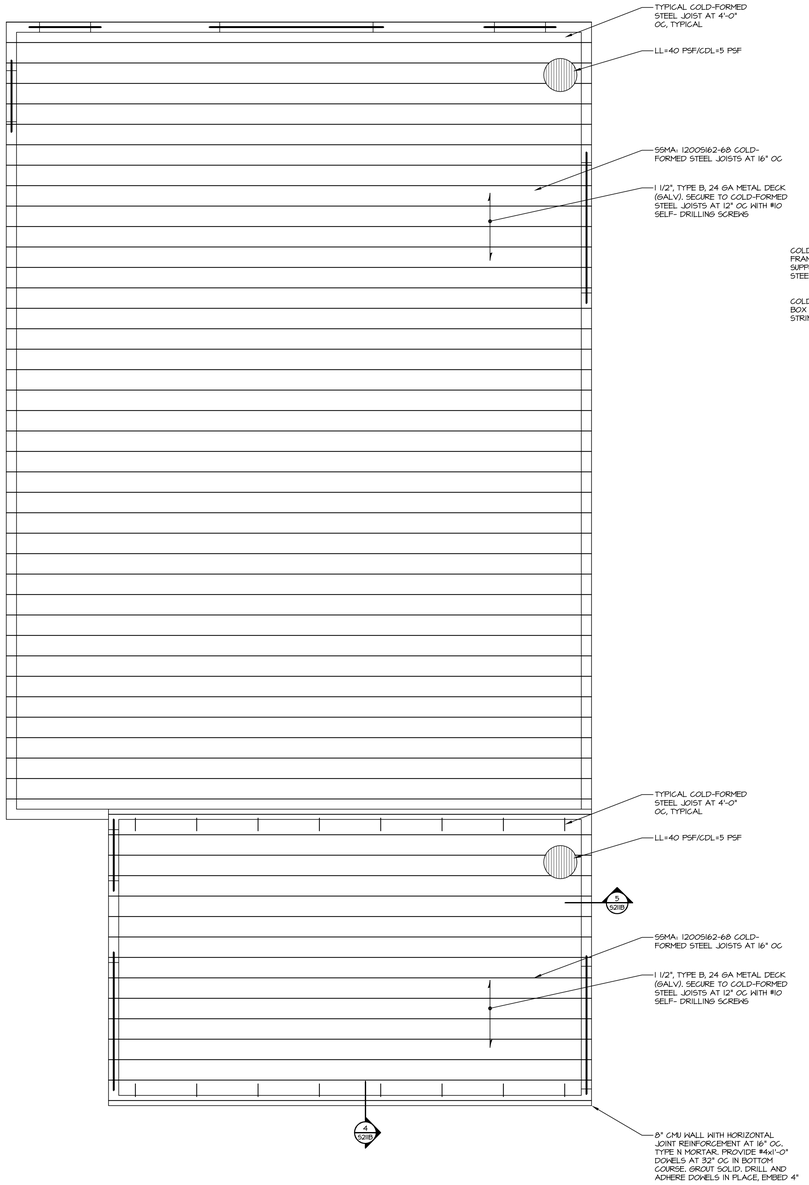
KEY PLAN

SHEET TITLE

CEILING FRAMING PLANS AT TOILET/ SHOWER ROOMS

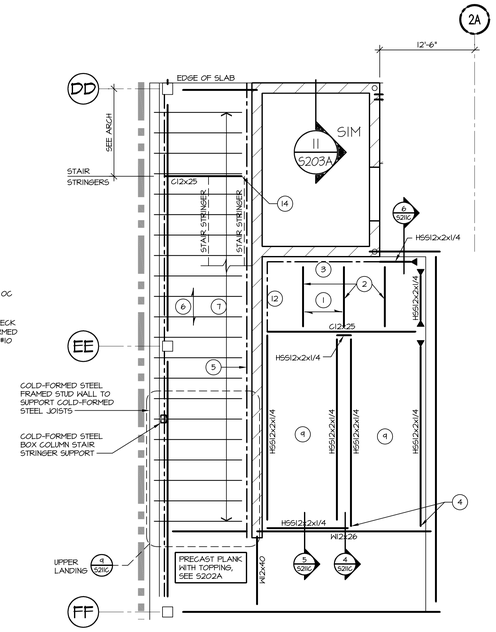
SHEET NO.

S211B



N 1 S211C CEILING FRAMING AT MILKHOUSE, MECHANICAL AND CONCESSIONS
SCALE: 1/4"=1'-0"

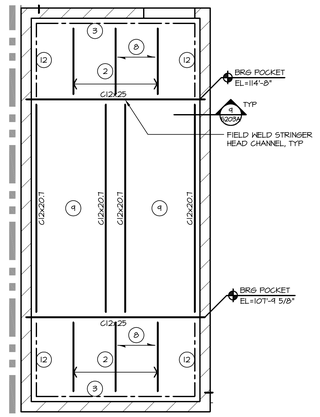
NOTE:
COLD-FORMED STEEL FRAMING SIZES ARE FOR BIDDING ONLY. SEE PROJECT SPECIFICATION MANUAL FOR PERFORMANCE DESIGN.



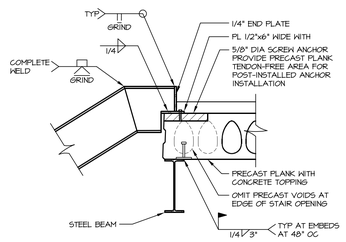
N 2 S211C STAIR A FRAMING PLAN
SCALE: 1/4"=1'-0"

STAIR FRAMING PLAN KEYED NOTES:

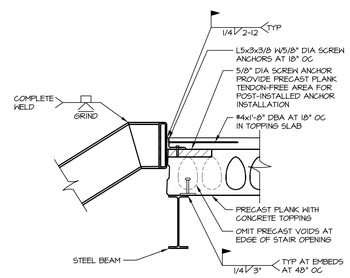
1. 4" TOTAL THICKNESS CONCRETE LANDING WITH SYNTHETIC MACRO-FIBERS ON 0.6C24 METAL DECK WELDED IN PLACE WITH 5/8" DIA PUDDLE WELDS AT 12" OC. T/LANDING = 108'-6 7/8". T/STEEL = 108'-2 7/8".
2. C6x8.2 EQUALLY SPACED. PROVIDE SINGLE PLATE CONNECTION WITH (2) 3/4" DIA BOLT.
3. L6x4x3/8 (LLV). ATTACH WITH 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 1.0C24 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 1.0C24 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. SECURE IN PLACE WITH #12 FLAT-HEAD, SELF-DRILLING SCREWS AT 12" OC, TYPICAL.
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.
13. DOUBLE JOIST AT END FOR WALL SUPPORT.
14. PROVIDE (2) L6x4x3/8 AT END OF C12 STRINGER SUPPORT CHANNEL. PROVIDE (2) 5/8" DIAx4 1/4" EMBEDMENT SIMPSON TITEN HD SCREW ANCHORS EACH ANGLE LEG, 4" WIDEX10" TALL ANCHOR PATTERN.
15. PROVIDE BENT PL 18"x4"x0'-4" BETWEEN COLD-FORMED STEEL JOISTS AND STEEL PLATE FOR CLOSURE BELOW. PLACE VERTICAL LEG UNDER SHEET ROCK AT WALL.
16. GUARD RAIL, SEE ARCH



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
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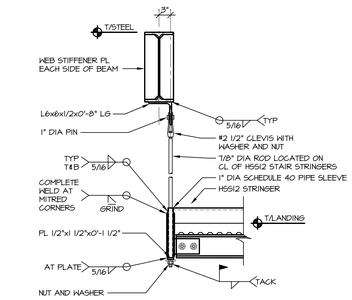
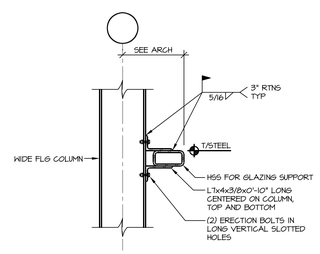
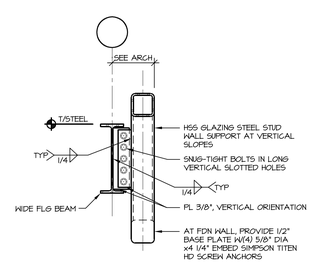


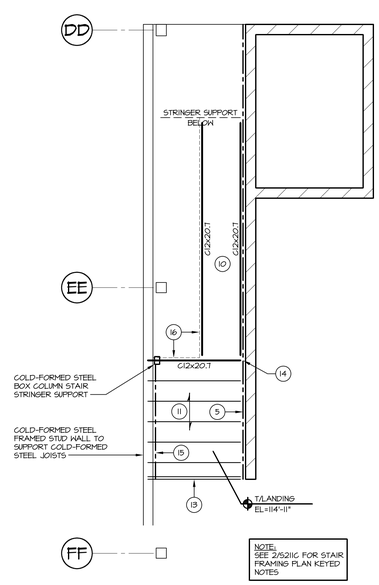
6 S211C HANGING ROD CONNECTION
SCALE: NONE



7 S211C GLAZING SUPPORT
SCALE: NONE



8 S211C GLAZING/STUD WALL SUPPORT
SCALE: NONE



NOTE:
SEE 2/S211C FOR STAIR FRAMING PLAN KEYED NOTES

N 9 S211C STAIR A UPPER STAIR LANDING
SCALE: 1/4"=1'-0"

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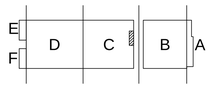
PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

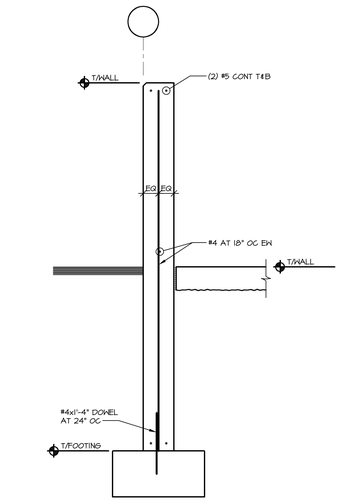
CEILING FRAMING PLANS



KEY PLAN

SHEET NO.

S211C



1 5800 TYPICAL FOUNDATION WALL
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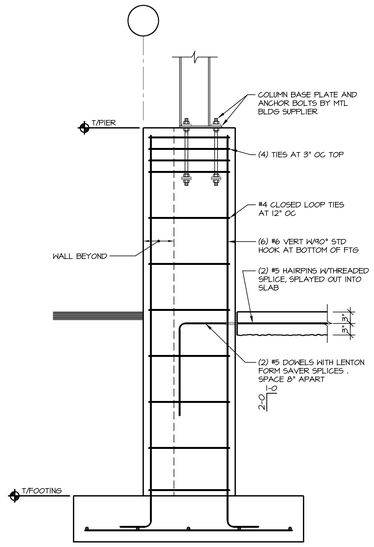
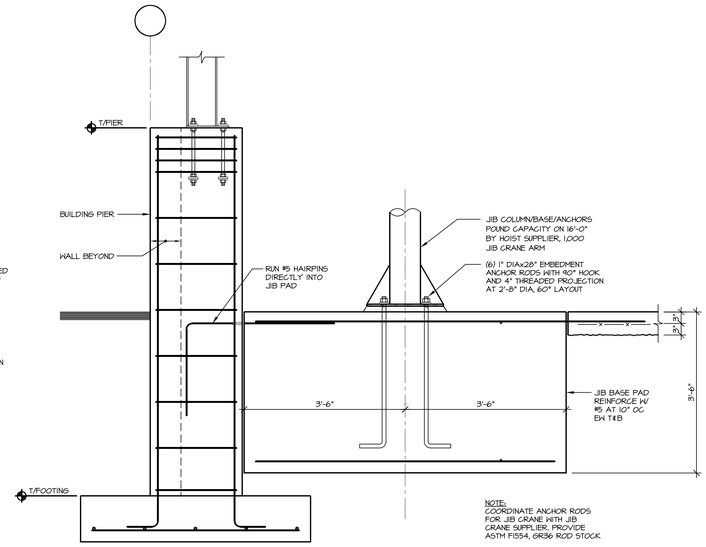


2 5800 PIER ELEVATION
SCALE: NONE



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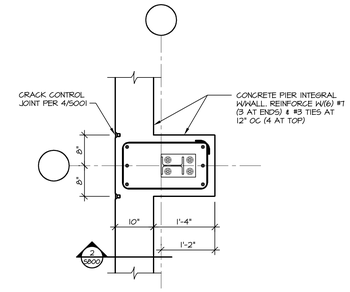

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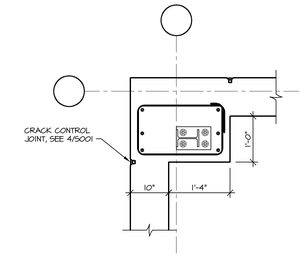

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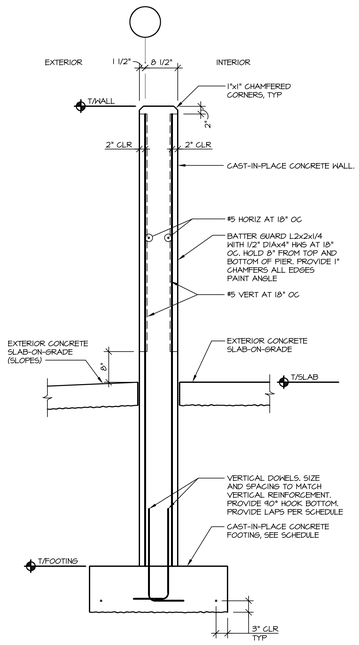

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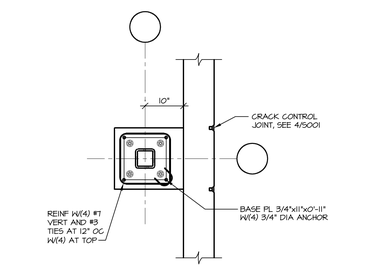

9 5800 PIER PFP3
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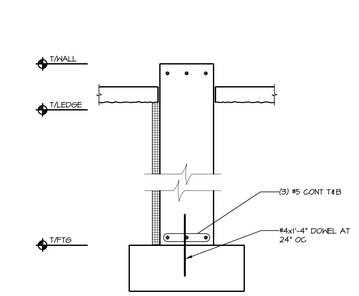

10 5800 TYP FDN WALL AT PRE-FUNCTION
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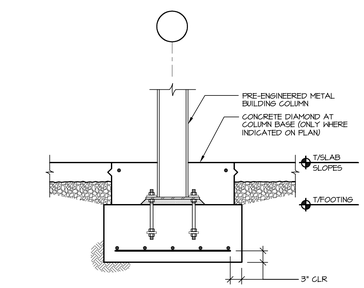

11 5800 TYP INTERIOR COLUMN FOOTING
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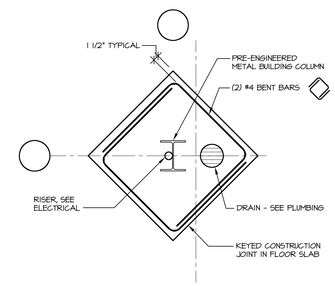

12 5800 KEYED JOINT AT COLUMN
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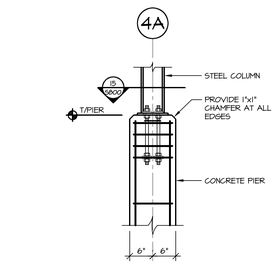
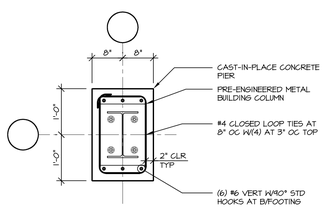
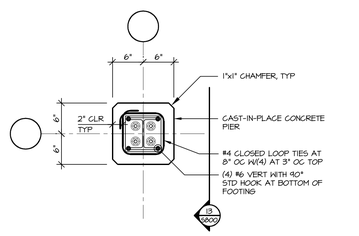


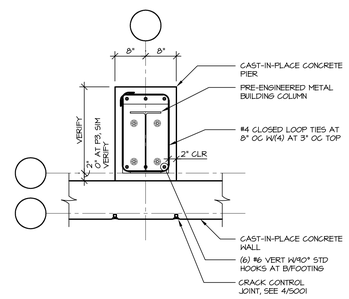
13 5800 HSS EXPOSED COLUMN AT PIER
SCALE: 3/4"=1'-0



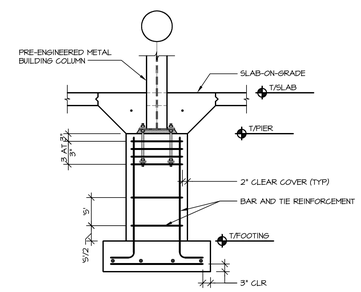
14 5800 PIER PI
SCALE: NONE



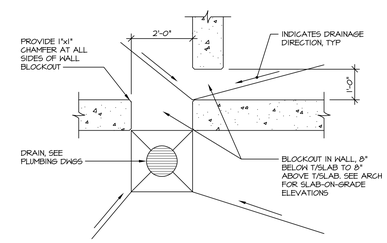
15 5800 PIER P4
SCALE: NONE



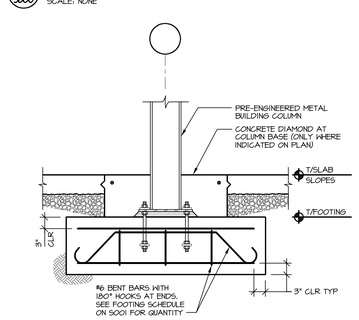
16 5800 PIER P3
SCALE: NONE



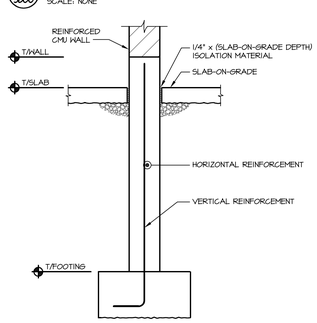
17 5800 TYPICAL CONCRETE PIER
SCALE: 1/2" = 1'-0"



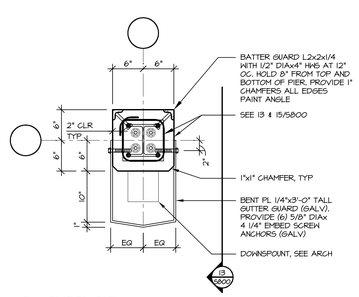
18 5800 WALL OPENINGS AT DRAIN
SCALE: 1/2"=1'-0



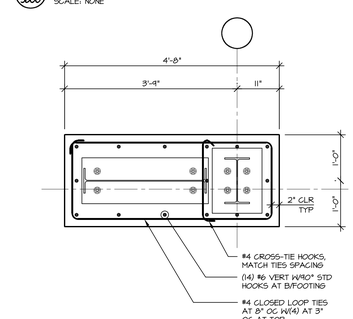
19 5800 COLUMN FOOTING WITH UPLIFT
SCALE: 3/4" = 1'-0"



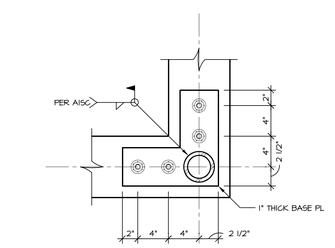
20 5800 TYPICAL CONCRETE FROST WALL
SCALE: 3/4" = 1'-0"



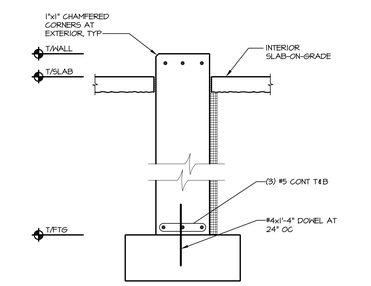
21 5800 PIER P2
SCALE: NONE



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

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DATE	10-29-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

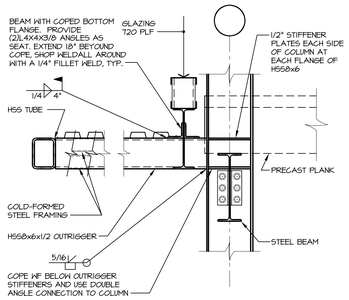
1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

FOUNDATION DETAILS

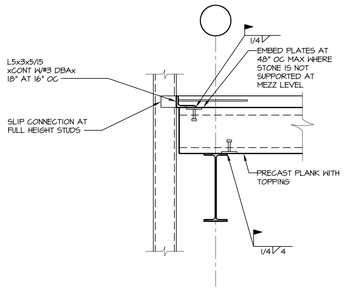
SHEET NO.

S800



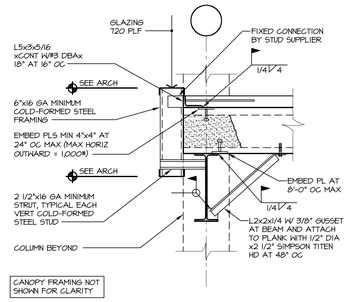
1 S400 SECTION AT CANOPY OUTRIGGER

SCALE: 3/4"=1'-0



2 S400 SECTION AT FULL HEIGHT STUDS

SCALE: 3/4"=1'-0

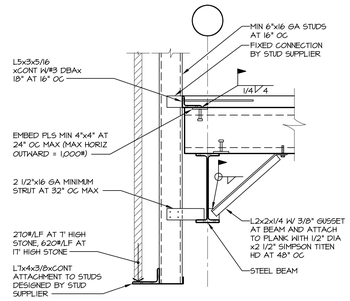


3 S400 MEZZ FLOOR EDGE AT STOREFRONT

SCALE: 3/4"=1'-0

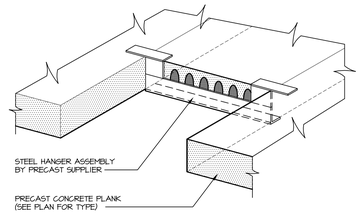
4 S400 NOT USED

SCALE: NONE



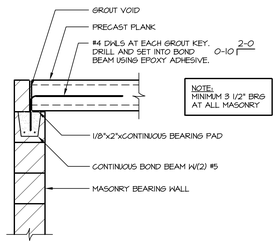
5 S400 STONE SUPPORT AT CANOPY

SCALE: 3/4"=1'-0



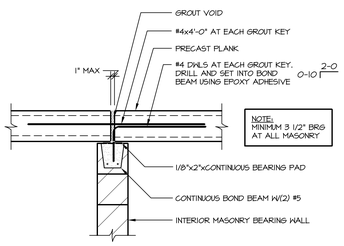
6 S400 PRECAST PLANK HANGER DETAIL

SCALE: NONE



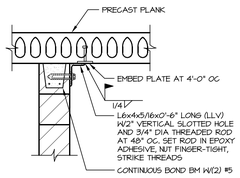
7 S400 PRECAST BEARING AT MASONRY WALL

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



8 S400 PRECAST BEARING AT INTERIOR MASONRY WALL

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



9 S400 PRECAST PLANK DETAIL AT NON-BEARING MASONRY WALL

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

CONCRETE SLAB SCHEDULE

BASE BID						ALT BID #4 - FIBER REINFORCED CONCRETE					
MARK	THICKNESS	REINFORCEMENT	VAPOR RETARDER	CHOKER COURSE	BASE COURSE	THICKNESS	FIBER DOSAGE RATE	VAPOR RETARDER	CHOKER COURSE	BASE COURSE	REMARKS
A	4"	WWF 6x6/W2.1xW2.1	YES	1"	8"	4"	5 YDS/YD^3	YES	1"	8"	
B	5"	WWF 6x6/W2.9xW2.9	YES	1"	8"	6"	5 YDS/YD^3	YES	1"	8"	
C	6"	WWF 6x6/W4.0xW4.0	YES	NONE	8"	7"	5 YDS/YD^3	YES	NONE	8"	
D	6"	WWF 6x6/W4.0xW4.0	NO	NONE	8"	7"	5 YDS/YD^3	NO	NONE	8"	
E	6"	WWF 6x6/W4.0xW4.0	YES	NONE	8"	6"	NOTE 5	YES	NONE	8"	
F	6"	WWF 6x6/W4.0xW4.0	YES	1"	8"	7"	5 YDS/YD^3	YES	1"	8"	
G	3"	WWF 6x6/W2.1xW2.1	-	-	-	3"	5 YDS/YD^3	-	-	-	TOPPING SLAB
.	.	.	.	.	.	.	.	.	.	.	

CONCRETE SLAB NOTES:

1) SEE THE GEOTECHNICAL REPORT FOR SUB-GRADE PREPARATION.

2) VAPOR RETARDER IS 10 MIL, SEE PROJECT SPECIFICATION MANUAL SECTION 03 30 00.

3) CHOKER COURSE, SEE PROJECT SPECIFICATION MANUAL SECTION 03 30 00.

4) BASE COURSE, 8" OF 3/4" DENSE GRADED BASE PER WIS DOT SECTION 305. SEE GEOTECHNICAL REPORT AND PROJECT SPECIFICATION MANUAL SECTION 03 30 00.

5) THE MILKING PARLOR IN PAVILLION #2 MUST REMAIN WELDED WIRE REINFORCEMENT (WWF 6x6/W4.0xW4.0) FOR ELECTRICAL GROUNDING REQUIREMENTS.

6) REINFORCEMENT STEEL PER ASTM A615 WILL REMAIN AND NOT BE REPLACED WITH FIBER REINFORCED CONCRETE.

7) WELD WIRE REINFORCEMENT (WWF) IS LOCATED 2" OFF THE TOP OF THE SLAB SUPPORTED ON CHAIRS WITH SAND BASE SUPPORT.

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.

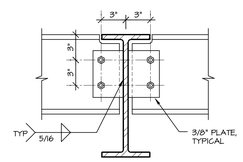
2) ALL FRAMING CONNECTIONS SHALL CONFORM TO SCHEDULE UNLESS DETAILED OTHERWISE ON FRAMING PLANS.

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.

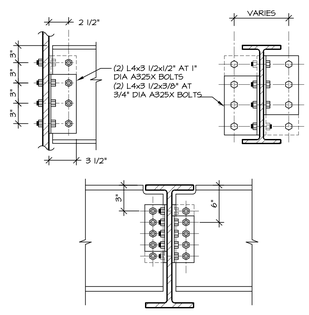
SINGLE PLATE CONNECTION SCHEDULE

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	16	16	16	16	16	16	16	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	38	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 ≤ C-C < 6 d_b FOR OTHERS

③ BASED ON 4 d_b ≤ 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
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
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
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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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 NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CEILING TYPE	CEILING HEIGHT	REMARKS
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	CMU-1	–	–	PT-4	–	–	1, 3
101B	STAIR B	CNC-1	RB-1	PT-2	PT-2	PT-2	PT-2	ES	–	–
102	LOBBY	CT-1/CT-2	CT-3	QT-3 & PT-4	–	QT-3 & PT-3	QT-3 & PT-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	PT-2	PT-2	–	CMU-1 & PT-4	ES	–	1
105	OFFICE	CNC-1	RB-1	PT-2	PT-2	PT-2	PT-2	ACP-3	10'-2"	3
106	ELEVATOR CAB	CT-1/CT-2	CT-3	PLASTIC LAMINATE	SELECTED	FROM MANUFAC.'S	FULL RANGE	OF	COLORS	–
107	STORAGE	CNC-1	RB-1	PT-2 & PLYWOOD	PT-2 & PLYWOOD	PT-2 & PLYWOOD	PT-2	ES	–	3, 4, 5
108	CORRIDOR	CT-1/CT-2	CT-3	PT-2	PT-2	CMU-1 & PT-2	CMU-1 & PT-2	ES	–	1, 3
109	ELEV MACHINE	CNC-1	RB-1	PT-2	PT-2	PT-2	PT-2	ES	9'-0"	3, 4
110	JANITOR	CNC-1	RB-1	PT-2 & FRP-1	PT-2 & FRP-1	PT-2	PT-2	ES	–	3, 4, 6
111	FAMILY TOILET	CT-4	CT-6	CT-7 & PT-7	CMU-1 & PT-7	PT-7	PT-7	GWB/PT-5	9'-0"	1, 4
112	STORAGE	CNC-1	RB-1	PT-2 & PLYWOOD	PT-2 & PLYWOOD	PT-2 & PLYWOOD	PT-2	ES	–	3, 4, 5
113	MEN'S TOILET	CT-4/CT-5	CT-6	CMU-1 & PT-7	CMU-1 & PT-7	PT-7	CT-7 & CT-8 & PT-7	GWB/PT-5	9'-0"	1, 4
114	WOMEN'S TOILET	CT-4/CT-5	CT-6	CMU-1 & PT-7	CT-7 & CT-8 & PT-7	PT-7	CMU-1 & PT-7	GWB/PT-5	9'-0"	1, 4
115	MECHANICAL ROOM	CNC-1	RB-1	PT-2	PT-2	PT-2	PT-2	ES	–	3
115B	IT	CNC-1	RB-1	PT-2	PT-2	PT-2	PT-2	ES	–	3
116	CONCESSIONS	CNC-1	–	FRP-2 & PT-6	FRP-2 & PT-6	FRP-2 & PT-6	FRP-2 & PT-6	ACP-4	9'-0"	–
117	PRE-FUNCTION SPACE	CNC-1	RB-1	CMU-1 & PT-2	PT-2	PT-2	CMU-1 & PT-2	ACP-1/ES	VARIES	1, 2, 3
120	PAVILION BUILDING 1	CNC-2	CNC	ES	ES	ES	ES	ES	–	1
121	WOMEN'S SHOWER	CNC-1	CMU-2	PT-6	PT-6	PT-6	PT-6 & PT-7	GWB/PT-5	7'-10"	1, 4
122	MEN'S SHOWER	CNC-1	CMU-2	PT-6	PT-6 & PT-7	PT-6	PT-6	GWB/PT-5	7'-10"	1, 4
123	CORRIDOR	CNC-1	CMU-2	PT-2	–	PT-2	PT-2	GWB/PT-5	7'-10"	4
124	FAMILY TOILET	CNC-1	CMU-2	PT-6	PT-6	PT-7	PT-6	GWB/PT-5	7'-10"	1, 4
125	JANITOR	CNC-1	CMU-2	PT-2	PT-2 & FRP-1	PT-2 & FRP-1	PT-2	ES	–	4, 6
126	WOMEN'S TOILET	CNC-1	CMU-2	PT-6	PT-6	PT-6	PT-6 & PT-7	GWB/PT-5	7'-10"	1, 4
127	MEN'S TOILET	CNC-1	CMU-2	PT-6	PT-6 & PT-7	PT-6	PT-6	GWB/PT-5	7'-10"	1, 4
128	WATER ROOM	CNC-1	CMU-2	PT-2	PT-2	PT-2	PT-2	ES	–	4
129	ELEC. ROOM	CNC-2	CNC	PT-2	PT-2	PT-2	PT-2	ES	–	–
129A	ELEC. ROOM	CNC-2	CNC	PT-2	PT-2	PT-2	PT-2	ES	–	–
130	TEL/DATA	CNC-2	CNC	PT-2	PT-2	PT-2	PT-2	ES	–	–
131	PAVILION BUILDING 2	CNC-2	CNC	ES	ES	ES	ES	ES	–	1
132	ELEC. ROOM	CNC-2	CNC	PT-2	PT-2	PT-2	PT-2	ES	–	–
132A	ELEC. ROOM	CNC-2	CNC	PT-2	PT-2	PT-2	PT-2	ES	–	–
133	TEL/DATA	CNC-1	CNC	PT-2	PT-2	PT-2	PT-2	ES	–	–
134	FAMILY TOILET	CNC-1	CMU-2	PT-6	PT-6	PT-7	PT-6	GWB/PT-5	7'-10"	1, 4
135	JANITOR	CNC-1	CMU-2	PT-2	PT-2	PT-2 & FRP-1	PT-2 & FRP-1	ES	–	4
136	WOMEN'S TOILET	CNC-1	CMU-2	PT-6	PT-6 & PT-7	PT-6	PT-6	GWB/PT-5	7'-10"	1, 4
137	MEN'S TOILET	CNC-1	CMU-2	PT-6	PT-6	PT-6	PT-6 & PT-7	GWB/PT-5	7'-10"	1, 4
138	WATER ROOM	CNC-1	CMU-2	PT-2	PT-2	PT-2	PT-2	ES	–	4
140	MILK PARLOR	CNC-2	CNC	CT/PWP-1/PT-9	CT/PWP-1/PT-9	CT/PWP-1/PT-9	CT/PWP-1/PT-9	ES	–	1
141	MILK HOUSE	CNC-2	CNC	CNC-2/PWP-1	CNC-2/PWP-1	CNC-2/PWP-1	CNC-2/PWP-1	PCP-1	7'-10"	–
142	MECHANICAL ROOM	CNC-2	CNC	PT-2	PT-2	PT-2	PT-2	ES	–	–
143	CONCESSIONS	CNC-1	CMU-2	FRP-2 & PT-6	FRP-2 & PT-6	FRP-2 & PT-6	FRP-2 & PT-6	ACP-2	7'-10"	–
144	FAMILY TOILET	CNC-1	CMU-2	PT-6	PT-6	PT-7	PT-6	GWB/PT-5	7'-10"	1, 4
145	JANITOR	CNC-1	CMU-2	PT-2	PT-2 & FRP-1	PT-2 & FRP-1	PT-2	ES	–	4
146	WOMEN'S TOILET	CNC-1	CMU-2	PT-6	PT-6	PT-6	PT-6 & PT-7	GWB/PT-5	7'-10"	1, 4
147	MEN'S TOILET	CNC-1	CMU-2	PT-6	PT-6 & PT-7	PT-6	PT-6	GWB/PT-5	7'-10"	1, 4
148	WATER ROOM	CNC-1	CNC	PT-2	PT-2	PT-2	PT-2	ES	–	4
149	ELEC. ROOM	CNC-1	CNC	PT-2	PT-2	PT-2	PT-2	ES	–	–
149A	ELEC. ROOM	CNC-1	CNC	PT-2	PT-2	PT-2	PT-2	ES	–	–
150	TEL/DATA	CNC-1	CNC	PT-2	PT-2	PT-2	PT-2	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	–	LP	LP	LP	LP	ES	–	–
154	WELDING	PT-8	–	LP	LP	–	LP	ES	–	–
155	TOILET	NOTE 7	NOTE 7	PT-2	PT-2	PT-2	PT-2	GWB/PT-5	8'-0"	3
156	BREAK ROOM	VCT	RB-1	PT-2	PT-2	PT-2	PT-2	GWB/PT-5	8'-0"	3
157	OFFICE	CNC-1	RB-1	PT-2	PT-2	PT-2	PT-2	GWB/PT-5	8'-0"	3
158	OFFICE	CNC-1	RB-1	PT-2	PT-2	PT-2	PT-2	GWB/PT-5	8'-0"	3
159	MECHANICAL/ELECTRICAL	CNC-1	RB-1	PT-2	PT-2	PT-2	PT-2	GWB/PT-5	10'-6"	3
160	OFFICE	CNC-1	RB-1	PT-2	PT-2	PT-2	PT-2	GWB/PT-5	8'-0"	3
161	WORK AREA	CNC-1	–	LP	LP	LP	LP	ES	–	–
170	STORAGE	CNC-1	–	LP	LP	LP	LP	ES	–	–
SECOND FLOOR										
201A	STAIR A	CNC-1	RB-1	CMU-1 & PT-4	PT-4	PT-4	PT-4	GWB	10'-0"	1, 3
201B	STAIR B	CNC-1	–	PT-2	PT-2	PT-2	PT-2	ES	–	–
202	MEZZANINE	CNC-1	RB-1	PT-2	PT-2	PT-2	PT-2	ACP-1/ES	VARIES	1, 2, 3, 4
202A	ROOF ACCESS	CNC-1	RB-1	PT-2	PT-2	PT-2	PT-2	ES	–	–
203	ELEV LOBBY	CNC-1	–	PT-2	PT-2	PT-2	PT-2	ACP-1/ES	VARIES	1, 2, 3, 4
206	ELEV	REFER TO	ELEV.	106 FOR CAB	FINISHES	–	–	–	–	–
208	CATWALK ACCESS STAIR	ES	RB-1	PT-2	PT-2	PT-2	PT-2	ES	–	3 ,4
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
4 EXPOSED CMU TO BE SEALED, NOT PAINTED
5 PROVIDE CDX FIRE TREATED PLYWOOD AT WALL TO 4'-0"
6 PROVIDE FRP-1 TO 4'-0"
7 PROVIDE SHEET VINYL FLOOR IN TOILET ROOM EQUAL TO ARMSTRONG AND 6" HIGH CERAMIC TILE TOPSET COVED BASE EQUAL TO DAL TILE.

GENERAL NOTES

ROOM FINISH GENERAL NOTES:

1 PAVILION BUILDING 1 & 2 INTERIOR CONCRETE SLAB TO HAVE 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 9-1/4"W x 11'L x 1 1/2"T.
3 WD-2 IS A SOURCED RECLAIMED WOOD MATERIAL. PROVIDED BY CONTRACTOR.
– –

ROOM FINISH SCHEDULE LEGEND

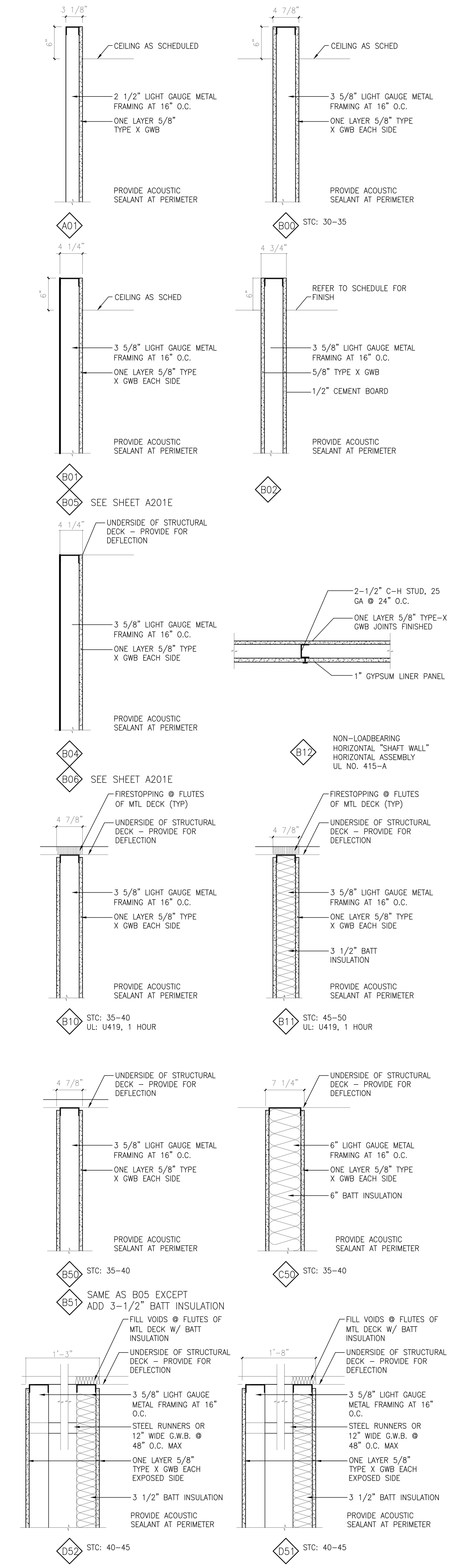
ROOM FINISH SCHEDULE LEGEND– (SOME MAY NOT BE USED)

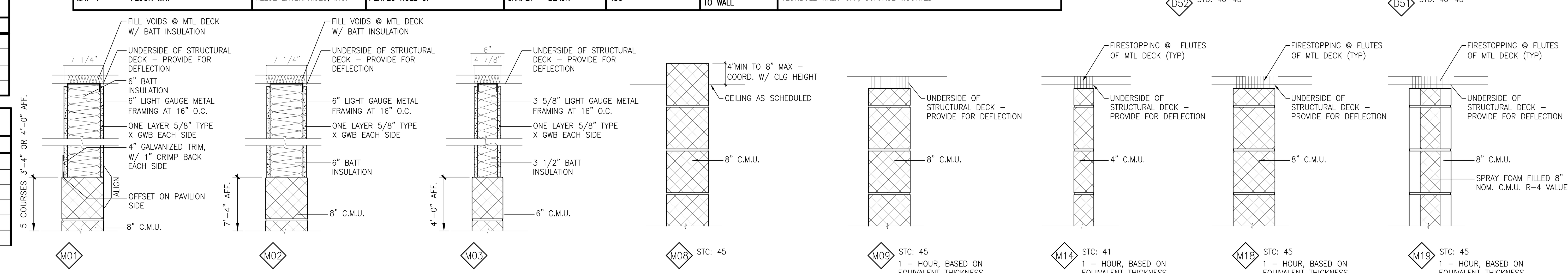
ACP	ACOUSTICAL CEILING PANEL	–	–	MAT	FLOOR MAT
CMU	CONCRETE MASONRY UNITS	FCTY	FACTORY FINISH	PT	PAINT
CNC	CONCRETE	FRP	FIBERGLASS REINFORCED PANELS	RB	RESILIENT BASE
CT	CERAMIC TILE	GWB	GYPSUM WALLBOARD	SSC	STAINLESS STEEL COUNTERTOP
E-PT	EPOXY PAINT	GRT	FLOOR GRATE	VCT	VINYL COMPOSITION TILE
ES	EXPOSED 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	OFCI	–	CLEAR EPOXY (06 40 23)	–	2" x 10"	RECLAIMED WOOD AT COUNTERTOP – PRE-FUNCTION SPACE
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	CONCRETE	SEE SPEC	–	NATURAL	–	–	PRE-FUNCTION & PAVILION (TROWEL FINISH FLOOR)
CNC-2	CONCRETE	SEE SPEC	–	NATURAL	–	–	PAVILION (LIGHT BROOM FINISHED FLOOR)
03 35 00 – CONCRETE SEALERS							
CS-1	CONCRETE SEALER	SCOFIELD	CURESEAL W	SEMI-GLOSS	–	–	TO BE USED W/ CNC-1 & CNC-2
CS-2	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	MOONBEAM	214B	–	PRE-FUNCTION – BURNISHED CMU
CMU-2	CONCRETE MASONRY UNIT	NORMAL WEIGHT CMU	–	EPOXY PAINTED	–	–	PAVILION & PRE-FUNCTION – EPOXY PAINTED CMU
05 58 00 – FORMED METAL FABRICATIONS							
SSC-1	STAINLESS STEEL COUNTERTOP	–	–	–	–	–	CONCESSION SERVICE WINDOW COUNTERTOP
06 20 00 – INTERIOR FINISH CARPENTRY							
WD-2	FINISHED WOOD BOARDS	–	WHITE PINE (FINISH GRADE)	STAIN TO MATCH ARCHITECT SAMPLE (DARK WALNUT)	–	1" x 4" (LENGTHS VARY)	WALL SCRIM IN PAVILIONS AND PRE-FUNCTION
WD-3	FINISHED WOOD BOARDS	–	DOUGLAS FIR (NO. 1)	CLEAR SEALER (09 91 00)	–	2" x 10"	WALL SCRIM IN PRE-FUNCTION MEZZANINE AND PAVILIONS
06 40 00 – ARCHITECTURAL WOODWORK							
PLAM-1	PLASTIC LAMINATE	ARPA	–	SIXTY VERDE	2618	–	CASEWORK AND SHELVES
PLAM-2	PLASTIC LAMINATE	PIONITE	–	ESTELLA	AG011	–	COUNTERTOP
06 64 00 – PVC WALL PANELING							
PWP-1	PLASTIC WALL PANEL	EXTRUTECH PLASTICS, INC.	1/2" TONGUE AND GROOVE HOLLOW WALL PANEL	WHITE	P2400	24" x 48"	MILK PARLOR AND MILK HOUSE WALLS
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 TILE – DONOR WALLS	THATSMYBRICK.COM	QUARRY TILE	BUCKSKIN	–	VARIES	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 & CT-6
G-3	GROUT	CUSTOM BUILDING PRODUCTS	–	ANTIQUE WHITE	10	–	LATEX PORTLAND CEMENT; TO BE USED WITH CT-7
G-4	GROUT	CUSTOM BUILDING PRODUCTS	–	ARCTIC ICE	301	–	LATEX PORTLAND CEMENT; TO BE USED WITH CT-8
G-5	GROUT	CUSTOM BUILDING PRODUCTS	–	LIGHT SMOKE	145	–	LATEX PORTLAND CEMENT; TO BE USED WITH QT-1
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 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 5/8"	CONCESSION CEILINGS
ACP-3	ACOUSTIC CEILING PANEL	ARMSTRONG	OPTIMA – 9/16" 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 54 29 – SUSPENDED PVC CEILING							
PCP-1	PLASTIC CEILING PANEL	EXTRUTECH PLASTICS, INC.	1/2" TONGUE AND GROOVE HOLLOW CEILING PANEL	WHITE	CP2400	24" x 48"	MILK HOUSE CEILING PANEL
09 91 00 – PAINTING							
PT-1	PAINT	SHERWIN WILLIAMS	–	ROYCROFT PEWTER	2848	–	HOLLOW METAL DOORS & FRAMES (U.N.O. PER INTERIOR ELEVATIONS); PRE-FUNCTION EXPOSED STRUCTURE, STAIR AND HANDRAIL
PT-2	PAINT	SHERWIN WILLIAMS	–	ACCESSIBLE BEIGE	7036	–	PRE-FUNCTION & PAVILION FIELD (EPOXY, SEMI-GLOSS @ CMU)
PT-3	PAINT	SHERWIN WILLIAMS	–	CITYSCAPE	7067	–	PRE-FUNCTION SOFFIT & ACP-1; PAVILION CMU (EPOXY, SEMI-GLOSS @ CMU)
PT-4	PAINT	SHERWIN WILLIAMS	–	POSITIVE RED	6871	–	PRE-FUNCTION ACCENT & HOLLOW METAL DOORS/FRAMES (SEE INTERIOR ELEVATIONS)
PT-5	PAINT	SHERWIN WILLIAMS	–	PURE WHITE	7005	–	PRE-FUNCTION ACCENT & RESTROOM CEILINGS (EPOXY, SEMI-GLOSS)
PT-6	PAINT	SHERWIN WILLIAMS	–	NAVAJO WHITE	6126	–	RESTROOM FIELD (PAVILIONS); CONCESSIONS
PT-7	PAINT	SHERWIN WILLIAMS	–	POOLHOUSE	7603	–	RESTROOM ACCENT (PRE-FUNCTION)
PT-8	PAINT	SHERWIN WILLIAMS	ARMORSEAL – HEAVY DUTY FLOOR COATING	HAZE GRAY	FLOOR-PLEX 7100 WB EPOXY	–	MAINTENANCE SHOP FLOORS
PT-9	PAINT	SHERWIN WILLAIMS	–	ELLIE GRAY	7650	–	RESTROOM ACCENT (PAVILIONS); MILK PARLOR AND MILK HOUSE
PT-10	PAINT	CUSTOM	–	NEW HOLLAND BLUE	PANTONE PMS 287	–	EXTERIOR EXPOSED STEEL COLUMNS
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	–	JANITOR CLOSET
FRP-2	FRP WALL PANEL	MARLITE	SYMMETRIX SCORED FRP W/ SANI-COAT	IVORY	C 140-G44	–	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 – ROLLER WINDOW SHADES							
---	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	FILL ROOM WALL TO WALL	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

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FILE NAME	2013027_02-A001.DWG
REVISIONS	
DRAWN	MJ
CHECKED	RG
DATE	10-29-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

ROOM FINISH SCHEDULE, PARTITION TYPES

SHEET NO.

A001

Xref List: 2013027_02-X-TB_30x42 2013027_02_int_wall_types_PF
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-A001.DWG

Xref List: 2013027_02-X-TB_30x42
2013027_02-X-A002-Frame Types

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-A002.DWG

DOOR/FRAME/HARDWARE SCHEDULE

DOORS							FRAMES							RATING	HARDWARE															REMARKS
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	
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	ALU	ANO	G2	CW4	ALU	ANO	G2	–	–	7/A004	–	H1	–	–	–	–	–	–	–	–	PP5	–	–	–	–	–	7, 9
100h	VESTIBULE 100	3'-0" X 7'-0"	4	ALU	ANO	G2	CW4	ALU	ANO	G2	–	–	7/A004	–	H1	–	–	–	C6	–	–	–	–	PP5	–	–	–	–	–	9
100j	VESTIBULE 100	3'-0" X 7'-0"	4	ALU	ANO	G2	CW4	ALU	ANO	G2	–	–	7/A004	–	H1	–	–	–	C6	–	–	–	–	PP5	–	–	–	–	–	9
100k	VESTIBULE 100	3'-0" X 7'-0"	4	ALU	ANO	G2	CW4	ALU	ANO	G2	–	–	7/A004	–	H1	–	–	–	C6	–	–	–	–	PP5	–	–	–	–	–	9
100m	VESTIBULE 100	3'-0" X 7'-0"	4	ALU	ANO	G2	CW4	ALU	ANO	G2	–	–	7/A004	–	H1	–	–	–	C6	–	–	–	–	PP5	–	–	–	–	–	9
100n	VESTIBULE 100	3'-0" X 7'-0"	4	ALU	ANO	G2	CW4	ALU	ANO	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	–	1 HR	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	G2	–	–	–	–	H1	–	SD1	–	C13	–	–	–	–	PP3	–	–	–	–	–	–
117c	PRE-FUNCTION SPACE 117	3'-0" X 7'-0"	3	HM	PT	GX				G2				–	H1	–	SD2	–	C13	–	–	–	–	PP3	–	–	–	–	–	–
117d	PRE-FUNCTION SPACE 117	3'-0" X 7'-0"	3	HM	PT	GX	E	HM	PT	G2	–	–	–	–	H1	–	SD1	–	C13	–	–	–	–	PP3	–	–	–	–	–	–
117e	PRE-FUNCTION SPACE 117	3'-0" X 7'-0"	3	HM	PT	GX				G2				–	H1	–	SD2	–	C13	–	–	–	–	PP3	–	–	–	–	–	–
117h	PRE-FUNCTION SPACE 117	3'-0" X 7'-0"	4	ALU	ANO	G4	CW-1	ALU	ANO	–	–	–	–	–	H1	–	–	ED1	C6	–	–	–	–	–	–	W1	T1	–	–	9
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	G4	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	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13
123c	CORRIDOR 123	5'-4" X 8'-0"	BD-1	SCW	TRANS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13
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	G2	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	G2	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	G2	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	G2	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	G2	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	G2	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	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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	G4	C	HM	PT	–	4/A004	3/A004	–	–	H1	L1	–	–	–	S3	–	–	K2	–	–	–	–	–	–	–
140d	MILK PARLOR 140	3'-0" X 7'-0"	2	HM	PT	G4	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	G4	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	G4	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	G4								–	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

DOORS							FRAMES							RATING	HARDWARE															REMARKS
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	
FIRST FLOOR																														
146	WOMEN'S TOILET	6'-8" X 8'-0"	BD-1	SCW	TRANS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13
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	–	A	HM	PT	–	–	–	–	–	H1	L5	–	–	–	S2	–	–	–	–	–	Z E	T1	–	–	–
208	CATWALK ACCESS STAIR 208	3'-0" X 7'-0"	1	HM	PT	–	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	–	–	–

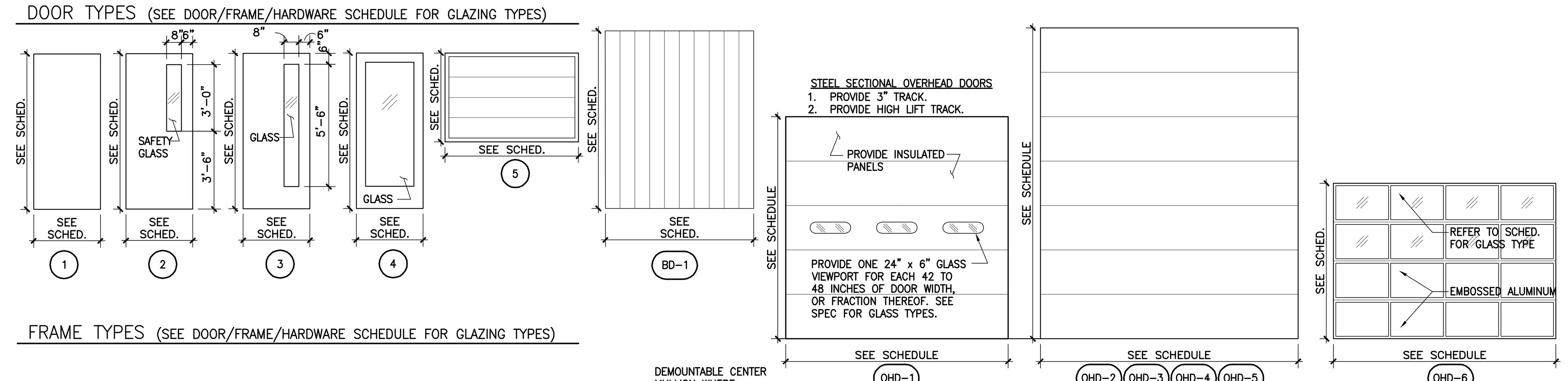
DOOR AND FRAME SCHEDULE REMARKS

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
		13	SLIDING DOOR (ALWAYS UNLOCKED FROM TOILET ROOM SIDE)

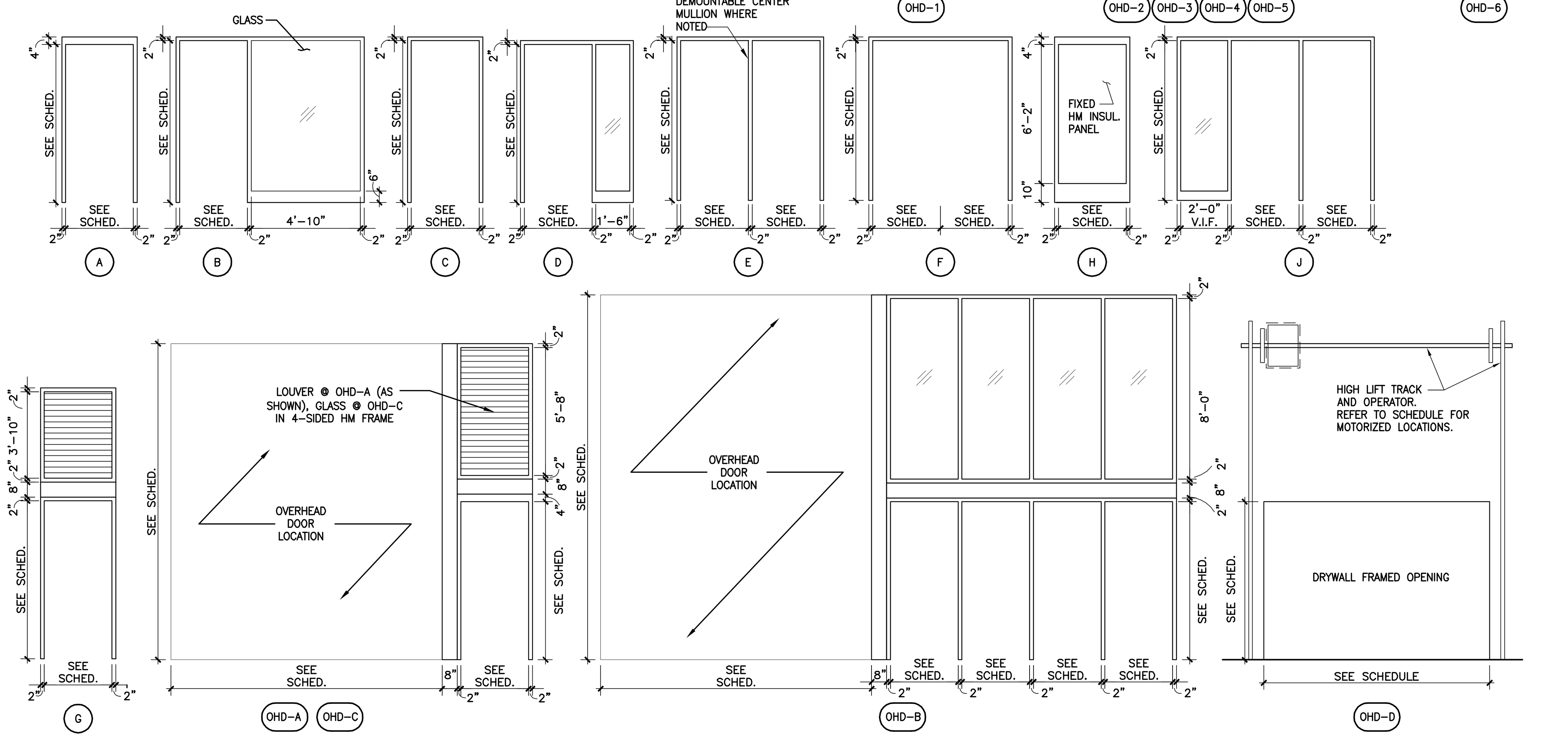
DOOR SCHEDULE ABBREVIATION KEY

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)



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ARCHITECTURE
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FILE NAME	2013027_02-A002.DWG
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DATE	10-29-13
PROJECT NO.	2013027_02

PROJECT TITLE

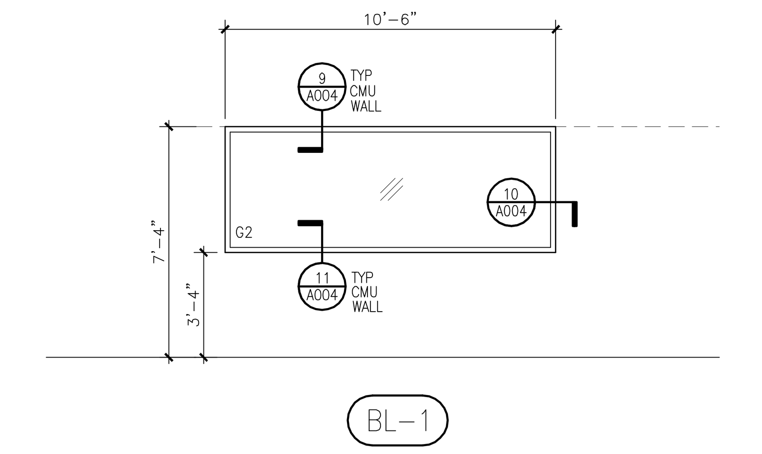
ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

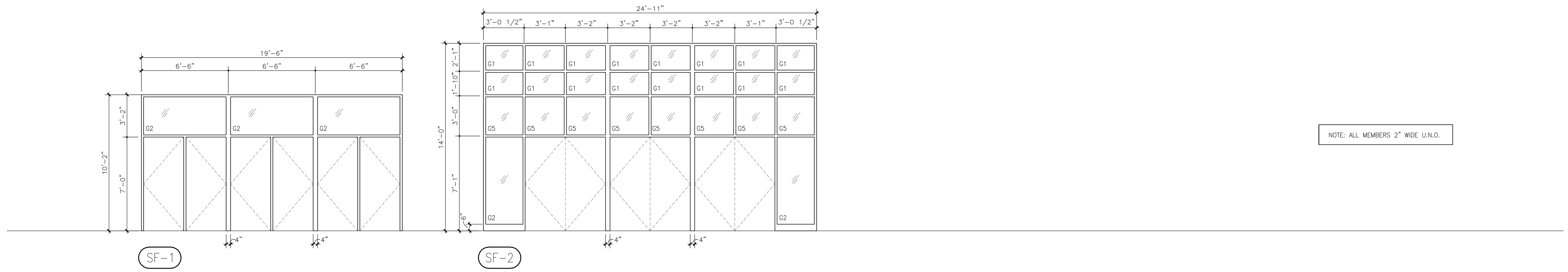
DOOR & FRAME SCHEDULE, TYPES & DETAILS

SHEET NO.
A002



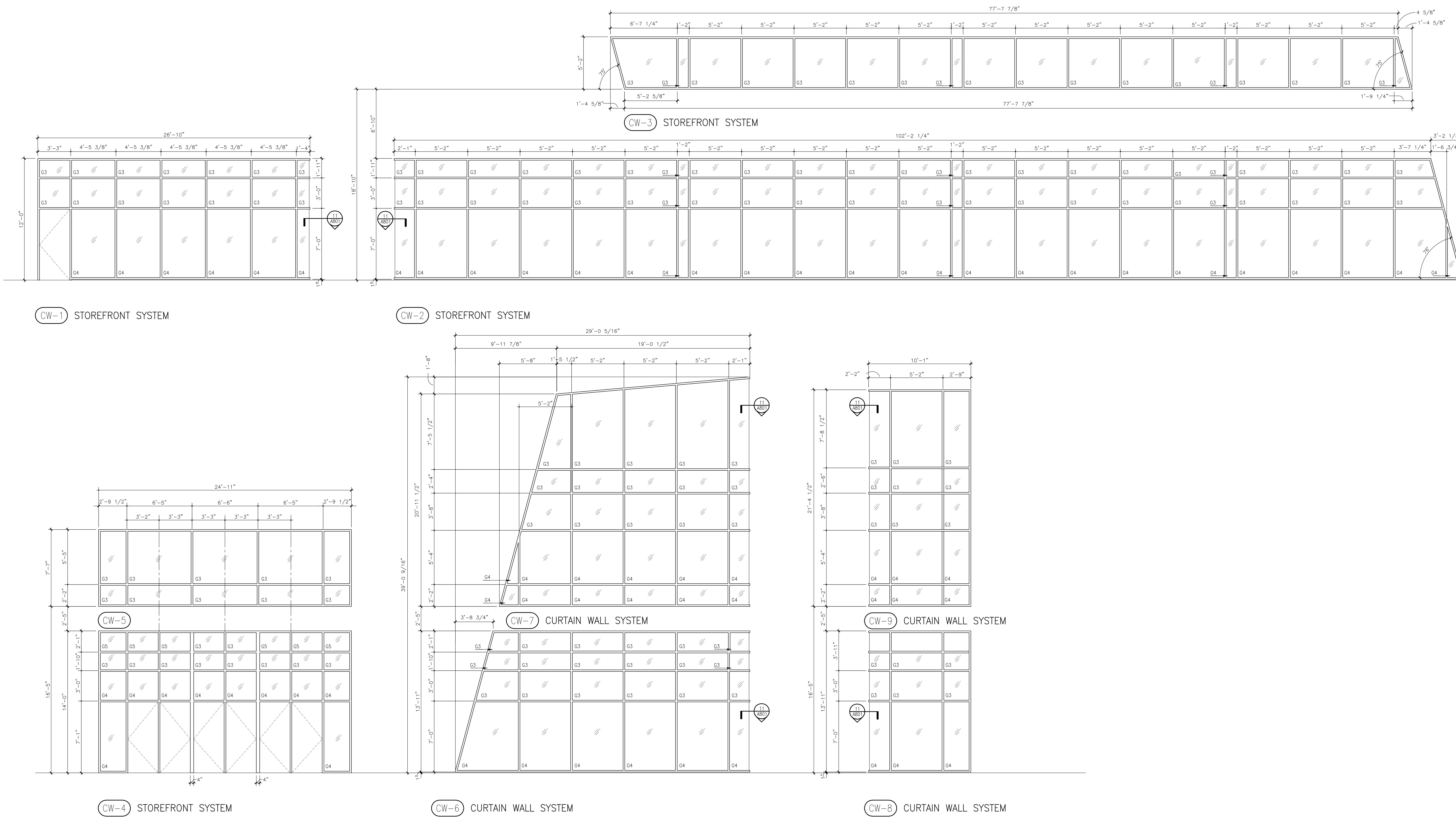
1 A003 **BORROWED LITE TYPES**

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



2 A003 **EXTERIOR ALUMINUM FRAME TYPES**

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



3 A003 **EXTERIOR ALUMINUM FRAME TYPES**

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

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DRAWN	IR
CHECKED	RG
DATE	10-29-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

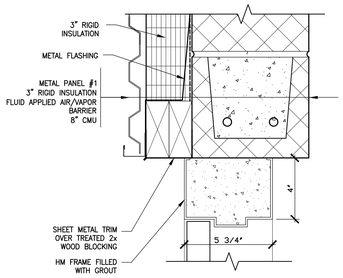
1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

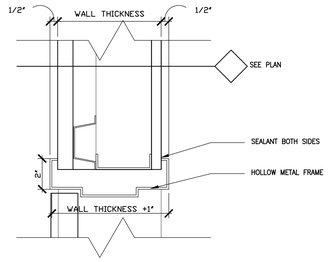
GLAZING TYPES & SCHEDULE

SHEET NO.

A003



20 A004 DOOR HEAD DETAIL
SCALE: 3" = 1'-0"



15 A004 DOOR DETAIL
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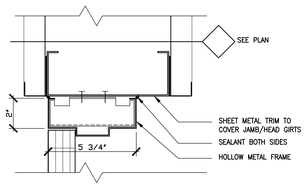

21 A004 DOOR DETAIL
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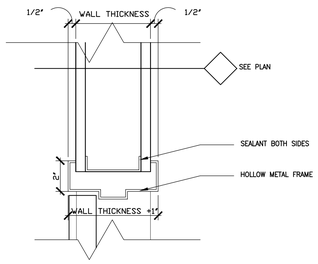

16 A004 DOOR DETAIL
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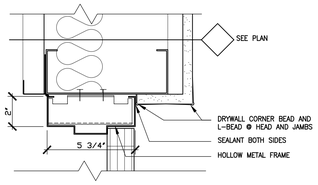
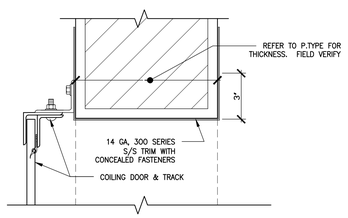
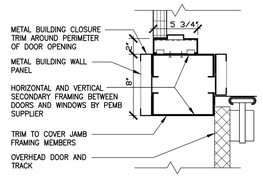


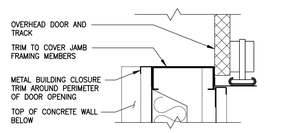
22 A004 DOOR DETAIL
SCALE: 3" = 1'-0"



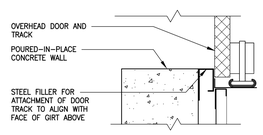
17 A004 JAMB – CONCESSION COUNTER
SCALE: 3" = 1'-0"



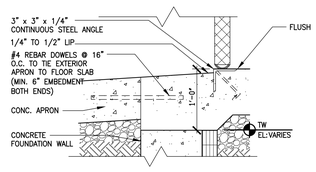
Ⓐ JAMB @ MULLION



Ⓑ JAMB @ METAL WALL

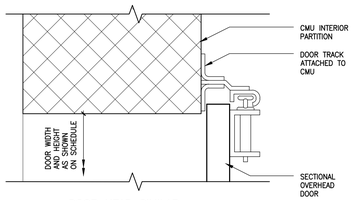


Ⓒ JAMB @ CONC. WALL

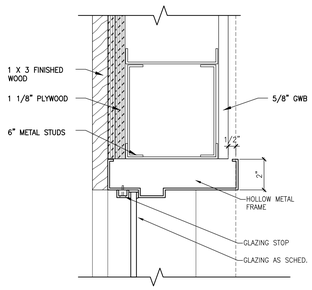


Ⓓ SILL

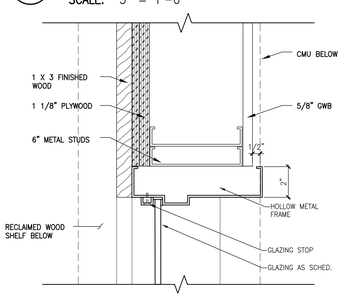
13 A004 OVERHEAD DOOR DETAIL
SCALE: 1 1/2" = 1'-0"



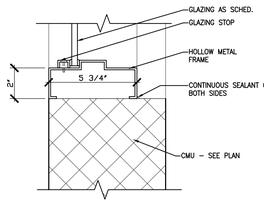
DOOR HEAD SIMILAR
8 A004 O.H. DOOR JAMB DETAIL
SCALE: 3" = 1'-0"



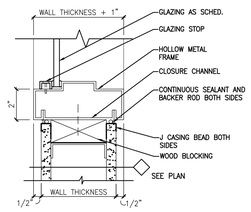
9 A004 HEAD DETAIL
SCALE: 3" = 1'-0"



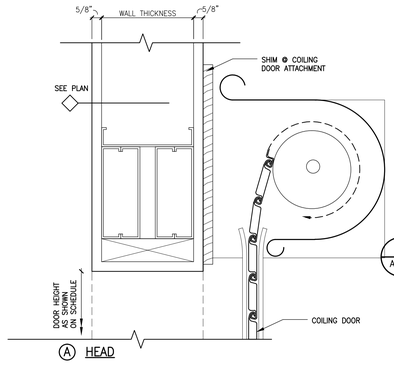
10 A004 BORROWED LIGHT JAMB DETAIL
SCALE: 3" = 1'-0"



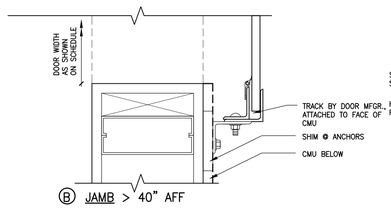
11 A004 BORROWED LIGHT SILL DETAIL
SCALE: 3" = 1'-0"



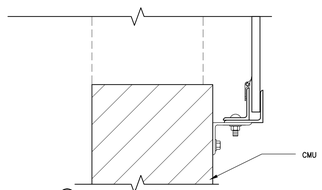
12 A004 BORROWED LIGHT SILL DETAIL
SCALE: 3" = 1'-0"



Ⓐ HEAD

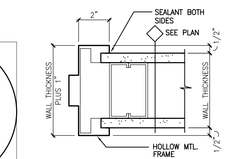


Ⓑ JAMB > 40" AFF



Ⓒ JAMB ≤ 40" AFF

6 A004 COILING DOOR DETAILS
SCALE: 3" = 1'-0"



1 A004 JAMB DETAIL
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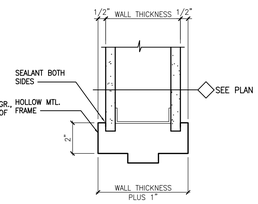
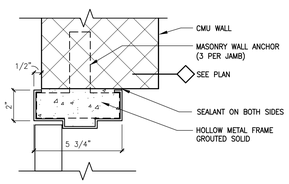
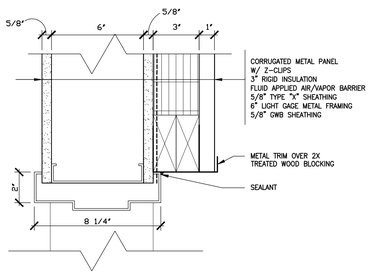


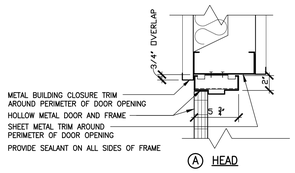
2 A004 HEAD DETAIL
SCALE: 3" = 1'-0"



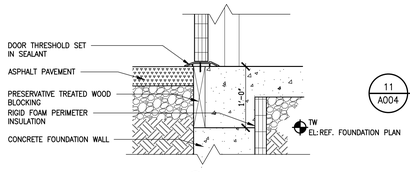
3 A004 JAMB DETAIL
SCALE: 3" = 1'-0"



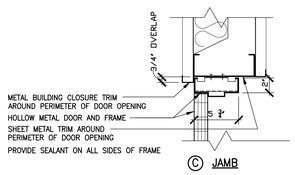
18 A004 DOOR JAMB DETAIL
SCALE: 3" = 1'-0"



Ⓐ HEAD

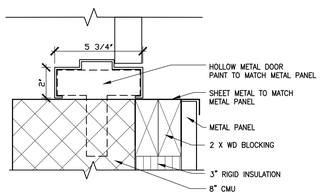


Ⓑ SILL

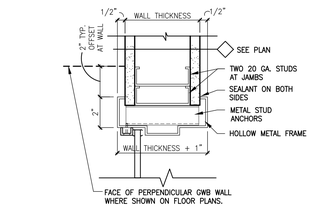


Ⓒ JAMB

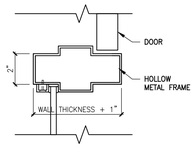
14 A004 SWINGING DOOR DETAIL
SCALE: 1 1/2" = 1'-0"



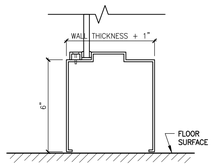
19 A004 DOOR JAMB @ PREFUNCTION
SCALE: 3" = 1'-0"



SIDELIGHT JAMB (HEAD SIMILAR)

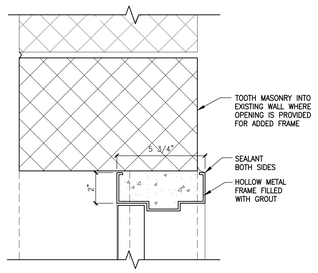


DOOR JAMB @ GLASS SIDELIGHT

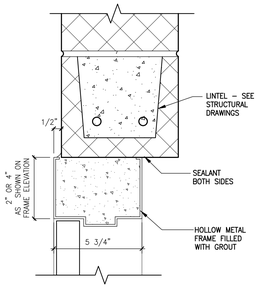


SILL @ GLASS SIDELIGHT

7 A004 SIDELIGHT AND TRANSOM DETAILS (HM)
SCALE: 3" = 1'-0"



5 A004 JAMB DETAIL
SCALE: 3" = 1'-0"



4 A004 HEAD DETAIL
SCALE: 3" = 1'-0"

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REVISIONS	
DRAWN	MJ
CHECKED	RG
DATE	10-29-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

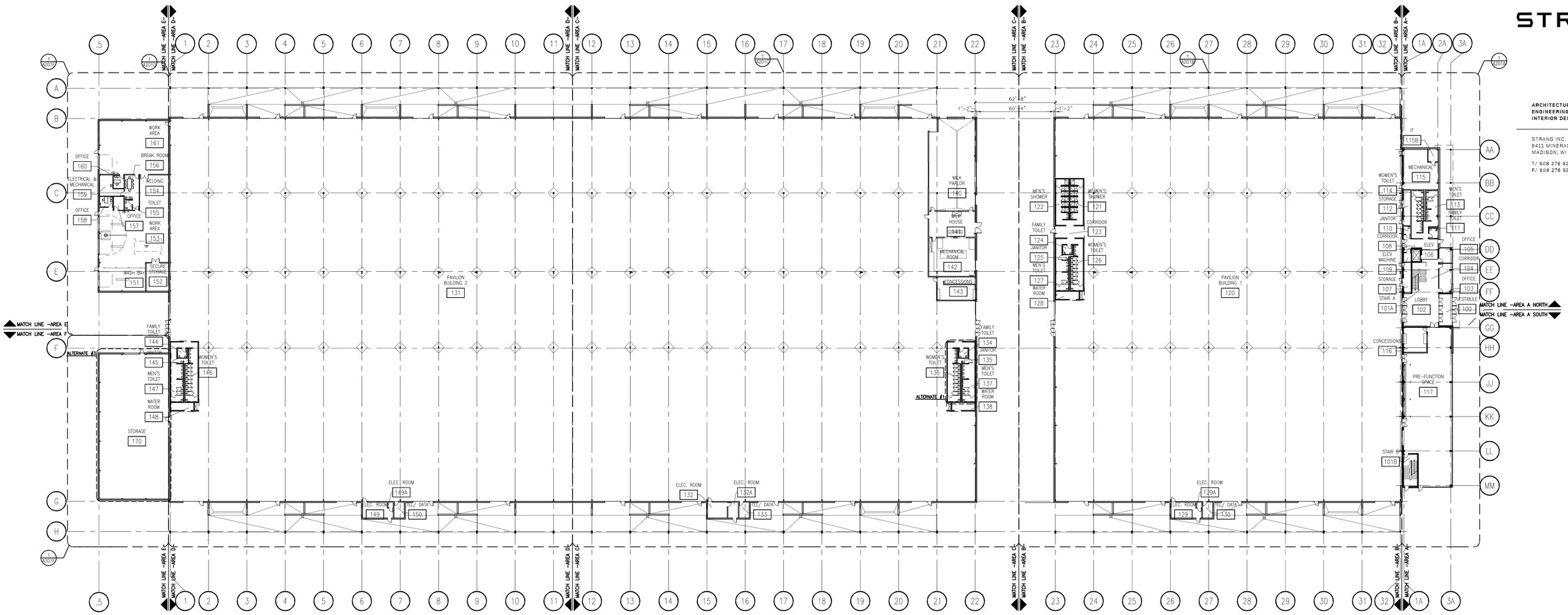
1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

DOOR DETAILS

SHEET NO.
A004

CARLOS RUIZE 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-A004.DWG



N

1 A201 FIRST FLOOR REFERENCE PLAN

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

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PROJECT NO.	2013027_02

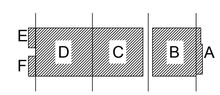
PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

FIRST FLOOR REFERENCE PLAN

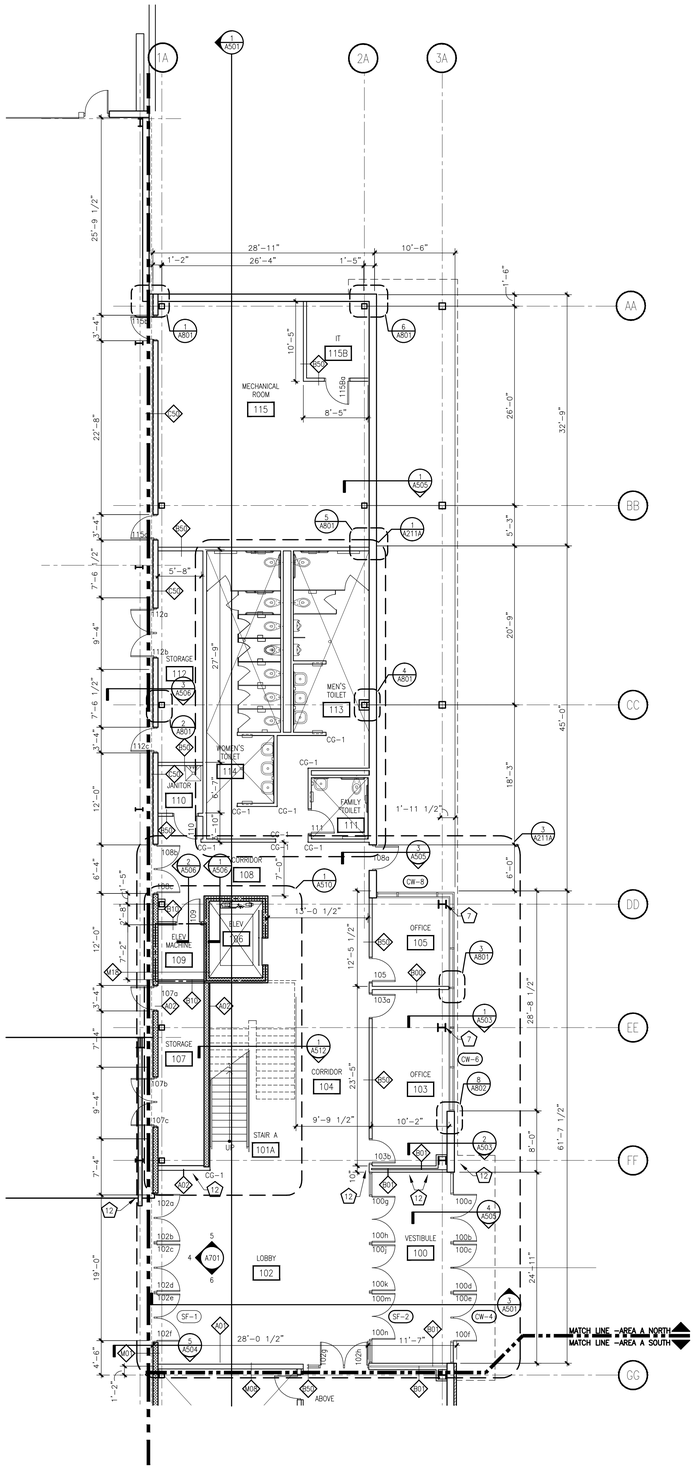


KEY PLAN

SHEET NO.

A201

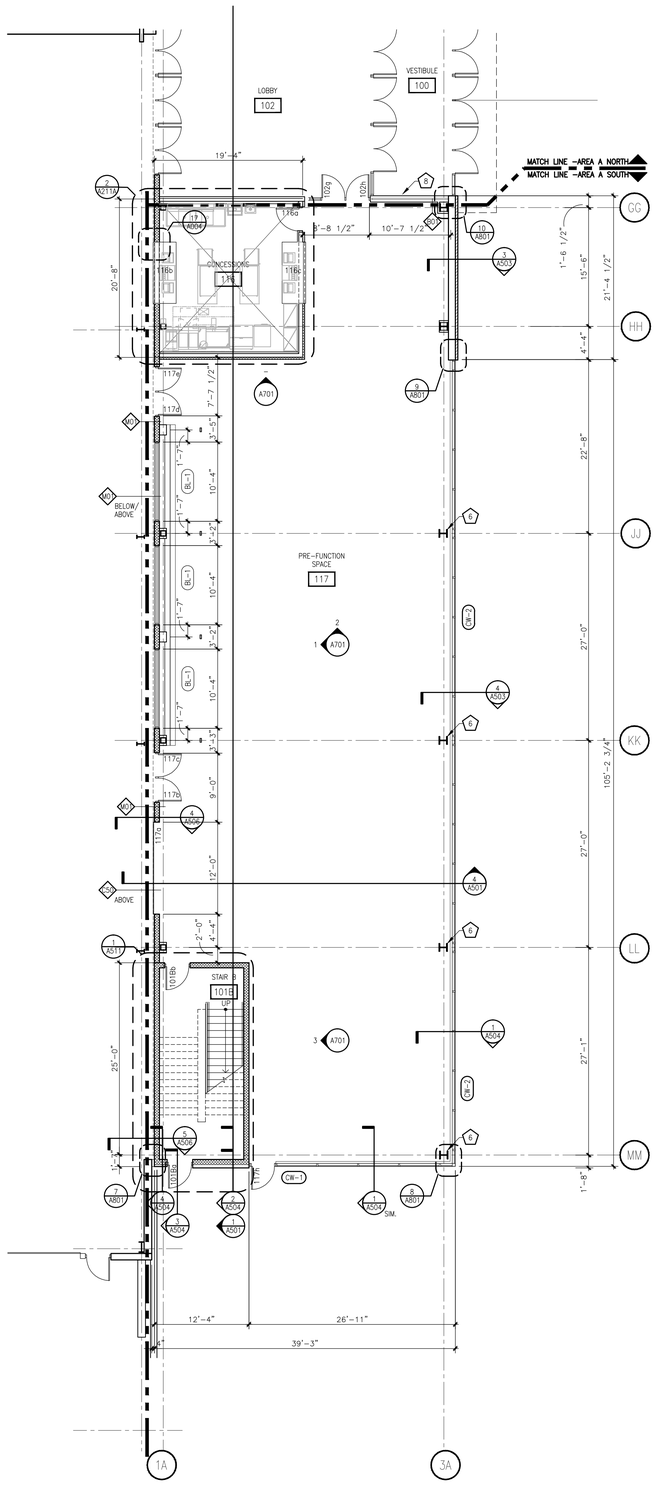
CARLOS RUIZ 2009-6-30 2:27 PM K:_2013\2013027 - ALLIANT ENERGY CENTER LIVESTOCK & EXHIBITION SPACE EXPANSION\2013027_02 - ALLIANT ENERGY CENTER - LIVESTOCK AND EXHIBITION HALL\DRAWINGS\2013027_02-A201.DWG



N 1 A201A

FIRST FLOOR PLAN – AREA A NORTH

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



N 2 A201A

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.	ROOMS 129,129A,130,132,132A,133,149,149A AND 150, THE UPPER PORTION OF ALL PARTITIONS IS TO BE PROVIDED AS PRE–ENGINEERED METAL BUILDING CONSTRUCTION PER SECTION 1/A507
13.	ALTERNATE # 1: ALL ABOVE SLAB WORK INCLUDING BUT NOT LIMITED TO; PLUMBING FIXTURES, CMU WALL ASSEMBLIES, LIGHT GAGE METAL CEILING ASSEMBLIES, INTERIOR FINISHES, SPECIALTIES, MECHANICAL AND ELECTRICAL EQUIPMENT TO BE CONSIDERED PART OF ADD ALTERNATE #1. UNDER SLAB WORK INCLUDING FOUNDATION AND PLUMBING ROUGH WORK TO THE PERIMETER OF TOILET ROOM 134–136, TO BE INSTALLED AS PART OF BASE BUILDING CONSTRUCTION WITH FUTURE PLUMBING SANITARY WORK TYING INTO EXISTING BRANCH PIPING VIA SLAB REWORK BE PART OF ADD ALTERNATE #1.

PLAN – SPECIFIC NOTES

1	2" GALVANIZED PIPE RAIL ATTACHED ENTIRE LENGTH OF WALL @ 5'–0" O.C. – LIVESTOCK TIE
2	PROVIDE ROOF LADDER W/ CAGE ATTACHED TO PEMB GIRTS & 4'–0" x 4'–0" ROOF ACCESS HATCH TO WALKABLE PLENUM – SEE SPECIFICATIONS
3	OPEN PLENUM (WALKABLE)
4	NOT USED
5	NOT USED
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. TEMPORARY COVER TO BE "KNOCK OUT" CONCRETE COVER. FINISHED SAME AS ADJACENT FLOORING.
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.)
12	DETAIL TAG 1/A507 @ ELEC. ROOM 129, SIMILAR REPRESENTS THE TYPICAL WALL SECTION WITH METAL LINER PANEL AND 1 ½" BOARD INSULATION TO EXTEND DOWN TO FLOOR.
13	DETAIL TAG 3/A507 SIM. @ DOOR 120B, SIMILAR REPRESENTS THE TYPICAL WALL SECTION WITHOUT THE LOUVER AND REPLACED WITH STOREFRONT (SF–4).
14	DETAIL TAG 3A/A507 SIM. @ DOOR 120D, SIMILAR REPRESENTS THE TYPICAL WALL SECTION @ OVERHEAD DOOR ASSEMBLY ONLY, THE WALL CONSTRUCTION ABOVE THE OVERHEAD DOOR WOULD BE 1/A508.
15	DETAIL TAG 3A/A507 SIM. @ DOOR 140E, 142B, 131F, SIMILAR REPRESENTS THE TYPICAL WALL SECTION @ OVERHEAD DOOR ASSEMBLY ONLY, THE WALL CONSTRUCTION ABOVE THE OVERHEAD DOOR WOULD BE 1/A508.
16	DETAIL TAG 1/A507 SIM. @ ELEC. ROOM 132A, SIMILAR REPRESENTS THE TYPICAL WALL SECTION WITHOUT CONCRETE CURB AND CMU MASONRY VENEER WALL AND METAL LINER PANEL.
17	DETAIL TAG 3A/A507 SIM. @ DOOR 131F, SIMILAR REPRESENTS THE TYPICAL WALL SECTION @ OVERHEAD DOOR ASSEMBLY ONLY, THE WALL CONSTRUCTION ABOVE THE OVERHEAD DOOR WOULD BE 1/A508.
18	DETAIL TAG 3/A507 SIM. @ DOOR 131B, SIMILAR REPRESENTS THE TYPICAL WALL SECTION WITHOUT THE LOUVER AND REPLACED WITH STOREFRONT (SF–4).
19	DETAIL TAG 1/ A508 SIM. REPRESENTS TYPICAL WALL SECTION FOR PAVILION BUILDING 1 AREA B. PAVILION 1 IS A HEATED BUILDING. WALL SECTIONS FOR PAVILION BUILDING 2 AREA C & D CALLED OUT WILL BE 1/A508 SIM. SIMILAR REPRESENTS WALL SECTION WITHOUT AIR/ VAPOR BARRIER AND 1 ½" BOARD INSULATION.

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FILE NAME	2013027_02-A201A.DWG
REVISIONS	
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DATE	10-29-13
PROJECT NO.	2013027_02

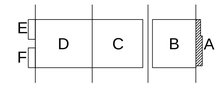
PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

FIRST FLOOR PLAN AREA A

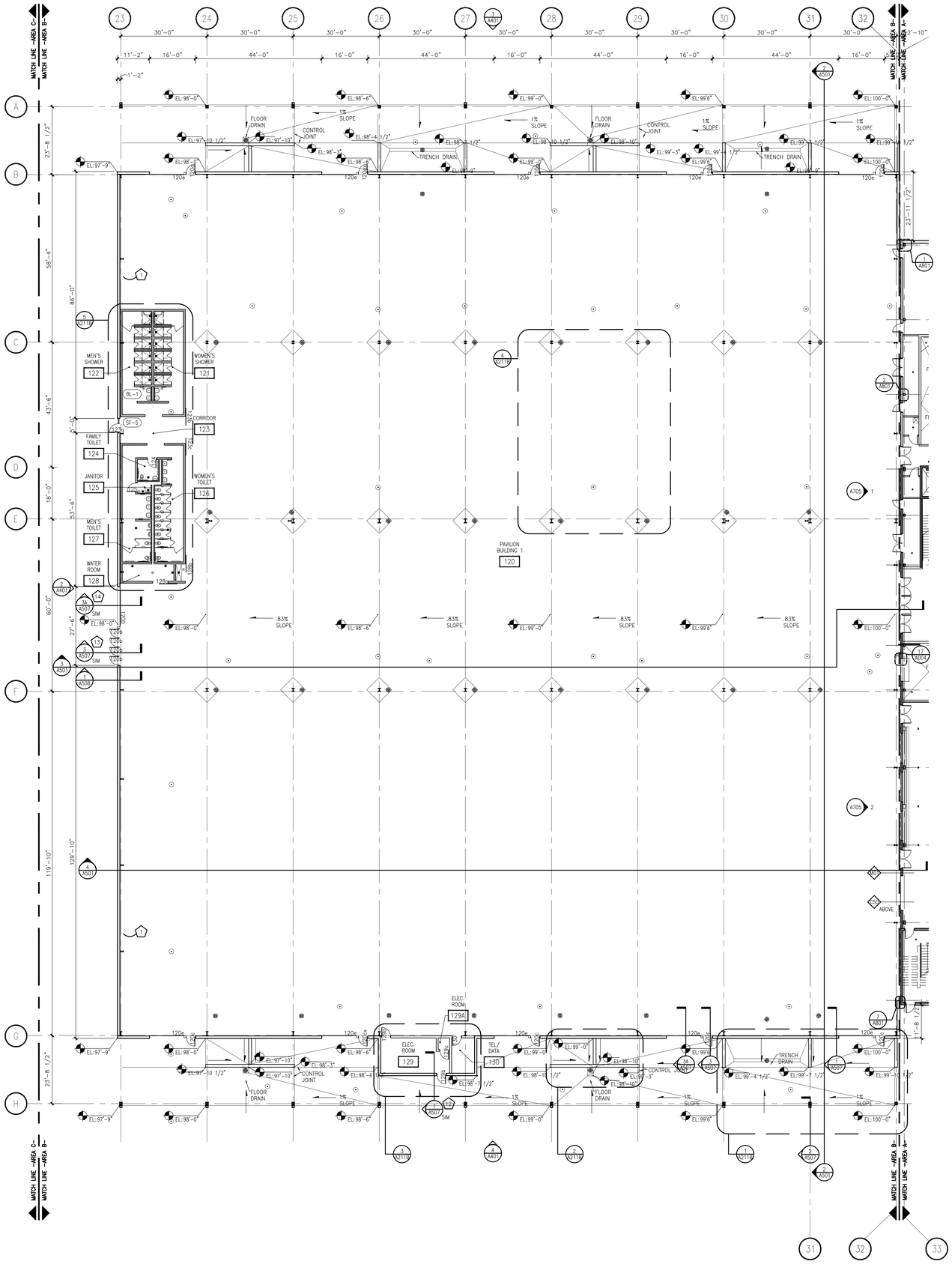


KEY PLAN

SHEET NO.

A201A

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-A201A.DWG



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 "TR" 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.	ROOMS 129,129A,130,132,132A,133,149,149A AND 150, THE UPPER PORTION OF ALL PARTITIONS IS TO BE PROVIDED AS PRE–ENGINEERED METAL BUILDING CONSTRUCTION PER SECTION 1/A507
13.	ALTERNATE# 1: ALL ABOVE SLAB WORK INCLUDING BUT NOT LIMITED TO: PLUMBING FIXTURES, CMU WALL ASSEMBLIES, LIGHT GAGE METAL CEILING ASSEMBLIES, INTERIOR FINISHES, SPECIALTIES, MECHANICAL AND ELECTRICAL EQUIPMENT TO BE CONSIDERED PART OF ADD ALTERNATE #1. UNDER SLAB WORK INCLUDING FOUNDATION AND PLUMBING ROUGH WORK TO THE PERIMETER OF TOILET ROOM 134–136, TO BE INSTALLED AS PART OF BASE BUILDING CONSTRUCTION WITH FUTURE PLUMBING SANITARY WORK TYING INTO EXISTING BRANCH PIPING VIA SLAB REWORK BE PART OF ADD ALTERNATE #1.

PLAN – SPECIFIC NOTES

1	2" GALVANIZED PIPE RAIL ATTACHED ENTIRE LENGTH OF WALL @ 5'–0" O.C. – LIVESTOCK TIE
2	PROVIDE ROOF LADDER W/ CAGE ATTACHED TO PEMB GIRTS & 4'–0" x 4'–0" ROOF ACCESS HATCH TO WALKABLE PLENUM – SEE SPECIFICATIONS
3	OPEN PLENUM (WALKABLE)
4	NOT USED
5	NOT USED
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. TEMPORARY COVER TO BE "KNOCK OUT" CONCRETE COVER. FINISHED SAME AS ADJACENT FLOORING.
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.)
12	DETAIL TAG 1/A507 @ ELEC. ROOM 129, SIMILAR REPRESENTS THE TYPICAL WALL SECTION WITH METAL LINER PANEL AND 1 ½" BOARD INSULATION TO EXTEND DOWN TO FLOOR.
13	DETAIL TAG 3/A507 SIM. @ DOOR 120B, SIMILAR REPRESENTS THE TYPICAL WALL SECTION WITHOUT THE LOUVER AND REPLACED WITH STOREFRONT (SF–4).
14	DETAIL TAG 3A/A507 SIM. @ DOOR 120D, SIMILAR REPRESENTS THE TYPICAL WALL SECTION @ OVERHEAD DOOR ASSEMBLY ONLY, THE WALL CONSTRUCTION ABOVE THE OVERHEAD DOOR WOULD BE 1/A508.
15	DETAIL TAG 3A/A507 SIM. @ DOOR 140E, 142B, 131F, SIMILAR REPRESENTS THE TYPICAL WALL SECTION @ OVERHEAD DOOR ASSEMBLY ONLY, THE WALL CONSTRUCTION ABOVE THE OVERHEAD DOOR WOULD BE 1/A508.
16	DETAIL TAG 1/A507 SIM. @ ELEC. ROOM 132A, SIMILAR REPRESENTS THE TYPICAL WALL SECTION WITHOUT CONCRETE CURB AND CMU MASONRY VENEER WALL AND METAL LINER PANEL.
17	DETAIL TAG 3A/A507 SIM. @ DOOR 131F, SIMILAR REPRESENTS THE TYPICAL WALL SECTION @ OVERHEAD DOOR ASSEMBLY ONLY, THE WALL CONSTRUCTION ABOVE THE OVERHEAD DOOR WOULD BE 1/A508.
18	DETAIL TAG 3/A507 SIM. @ DOOR 131B, SIMILAR REPRESENTS THE TYPICAL WALL SECTION WITHOUT THE LOUVER AND REPLACED WITH STOREFRONT (SF–4).
19	DETAIL TAG 1/ A508 SIM. REPRESENTS TYPICAL WALL SECTION FOR PAVILION BUILDING 1 AREA B. PAVILION 1 IS A HEATED BUILDING. WALL SECTIONS FOR PAVILION BUILDING 2 AREA C & D CALLED OUT WILL BE 1/A508 SIM. SIMILAR REPRESENTS WALL SECTION WITHOUT AIR/ VAPOR BARRIER AND 1 ½" BOARD INSULATION.

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FILE NAME	2013027_02-A201B.DWG
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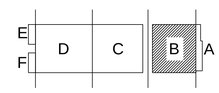
DATE	10-29-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713



KEY PLAN

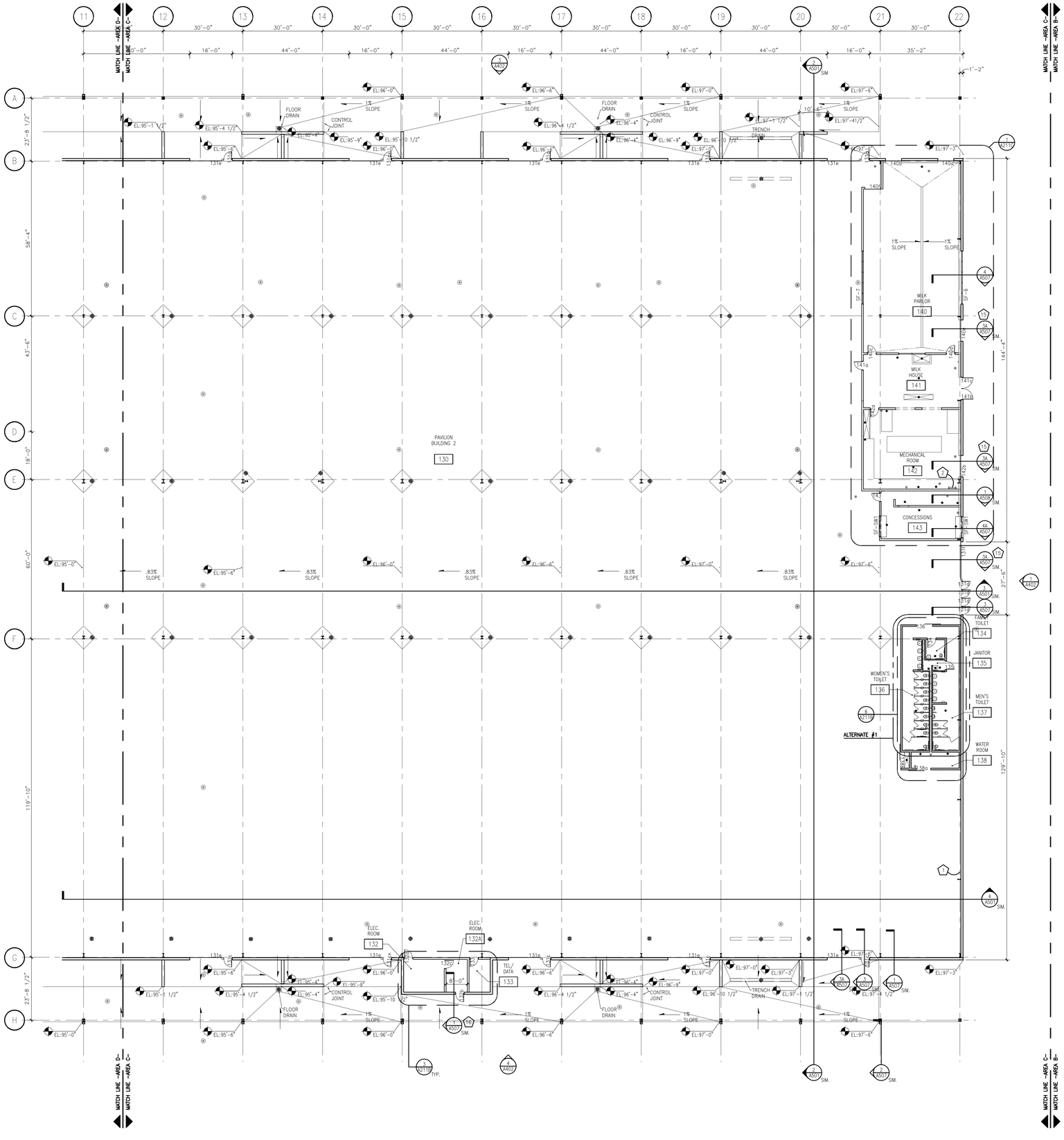
SHEET TITLE

FIRST FLOOR PLAN AREA B

SHEET NO.

A201B

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-A201B.DWG



N

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.	ROOMS 129,129A,130,132,132A,133,149,149A AND 150, THE UPPER PORTION OF ALL PARTITIONS IS TO BE PROVIDED AS PRE–ENGINEERED METAL BUILDING CONSTRUCTION PER SECTION 1/A507
13.	ALTERNATE# 1: ALL ABOVE SLAB WORK INCLUDING BUT NOT LIMITED TO; PLUMBING FIXTURES, CMU WALL ASSEMBLIES, LIGHT GAGE METAL CEILING ASSEMBLIES, INTERIOR FINISHES, SPECIALTIES, MECHANICAL AND ELECTRICAL EQUIPMENT TO BE CONSIDERED PART OF ADD ALTERNATE #1. UNDER SLAB WORK INCLUDING FOUNDATION AND PLUMBING ROUGH WORK TO THE PERIMETER OF TOILET ROOM 134–136, TO BE INSTALLED AS PART OF BASE BUILDING CONSTRUCTION WITH FUTURE PLUMBING SANITARY WORK TYING INTO EXISTING BRANCH PIPING VIA SLAB REWORK BE PART OF ADD ALTERNATE #1.

PLAN – SPECIFIC NOTES

1	2" GALVANIZED PIPE RAIL ATTACHED ENTIRE LENGTH OF WALL @ 5'–0" O.C. – LIVESTOCK TIE
2	PROVIDE ROOF LADDER W/ CAGE ATTACHED TO PEMB GIRTS & 4'–0" x 4'–0" ROOF ACCESS HATCH TO WALKABLE PLENUM – SEE SPECIFICATIONS
3	OPEN PLENUM (WALKABLE)
4	NOT USED
5	NOT USED
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. TEMPORARY COVER TO BE "KNOCK OUT" CONCRETE COVER. FINISHED SAME AS ADJACENT FLOORING.
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.)
12	DETAIL TAG 1/A507 @ ELEC. ROOM 129, SIMILAR REPRESENTS THE TYPICAL WALL SECTION WITH METAL LINER PANEL AND 1 ½" BOARD INSULATION TO EXTEND DOWN TO FLOOR.
13	DETAIL TAG 3/A507 SIM. @ DOOR 120B, SIMILAR REPRESENTS THE TYPICAL WALL SECTION WITHOUT THE LOUVER AND REPLACED WITH STOREFRONT (SF–4).
14	DETAIL TAG 3A/A507 SIM. @ DOOR 120D, SIMILAR REPRESENTS THE TYPICAL WALL SECTION @ OVERHEAD DOOR ASSEMBLY ONLY, THE WALL CONSTRUCTION ABOVE THE OVERHEAD DOOR WOULD BE 1/A508.
15	DETAIL TAG 3A/A507 SIM. @ DOOR 140E, 142B, 131F, SIMILAR REPRESENTS THE TYPICAL WALL SECTION @ OVERHEAD DOOR ASSEMBLY ONLY, THE WALL CONSTRUCTION ABOVE THE OVERHEAD DOOR WOULD BE 1/A508.
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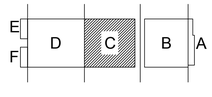
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713



KEY PLAN

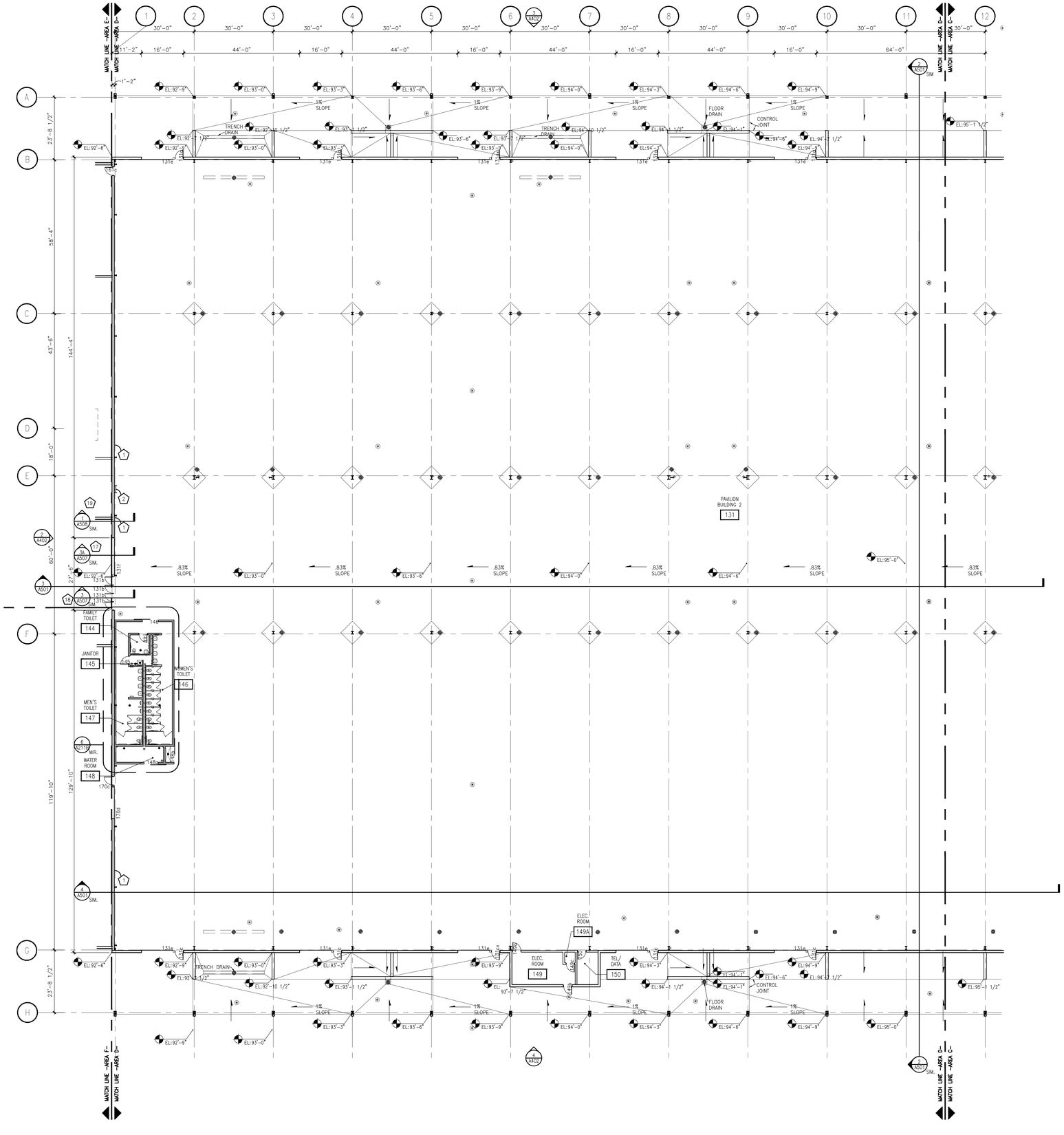
SHEET TITLE

FIRST FLOOR PLAN AREA C

SHEET NO.

A201C

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-A201C.DWG



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 "TR" TYPE.
6.	FLOOR SLAB IN MILKING PARLOR TO ACCOMMODATE EQUIPOTENTIAL GROUNDING (SEE STRUCTURAL AND ELECTRICAL DRAWINGS FOR DETAILS)
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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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MADISON, WI 53705–4395

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PLAN – SPECIFIC NOTES

#	
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3	OPEN PLENUM (WALKABLE)
4	NOT USED
5	NOT USED
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10	REFER TO ALTERNATE BID #2: FLOOR OPENING WITH TEMPORARY COVER INCLUDED IN BASE. WALLS AND MECHANICAL DUCTWORK INCLUDED IN ALTERNATE BID #2. TEMPORARY COVER TO BE "KNOCK OUT" CONCRETE COVER. FINISHED SAME AS ADJACENT FLOORING.
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DATE	10-29-13
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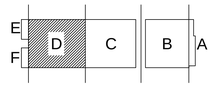
PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713



KEY PLAN

SHEET TITLE

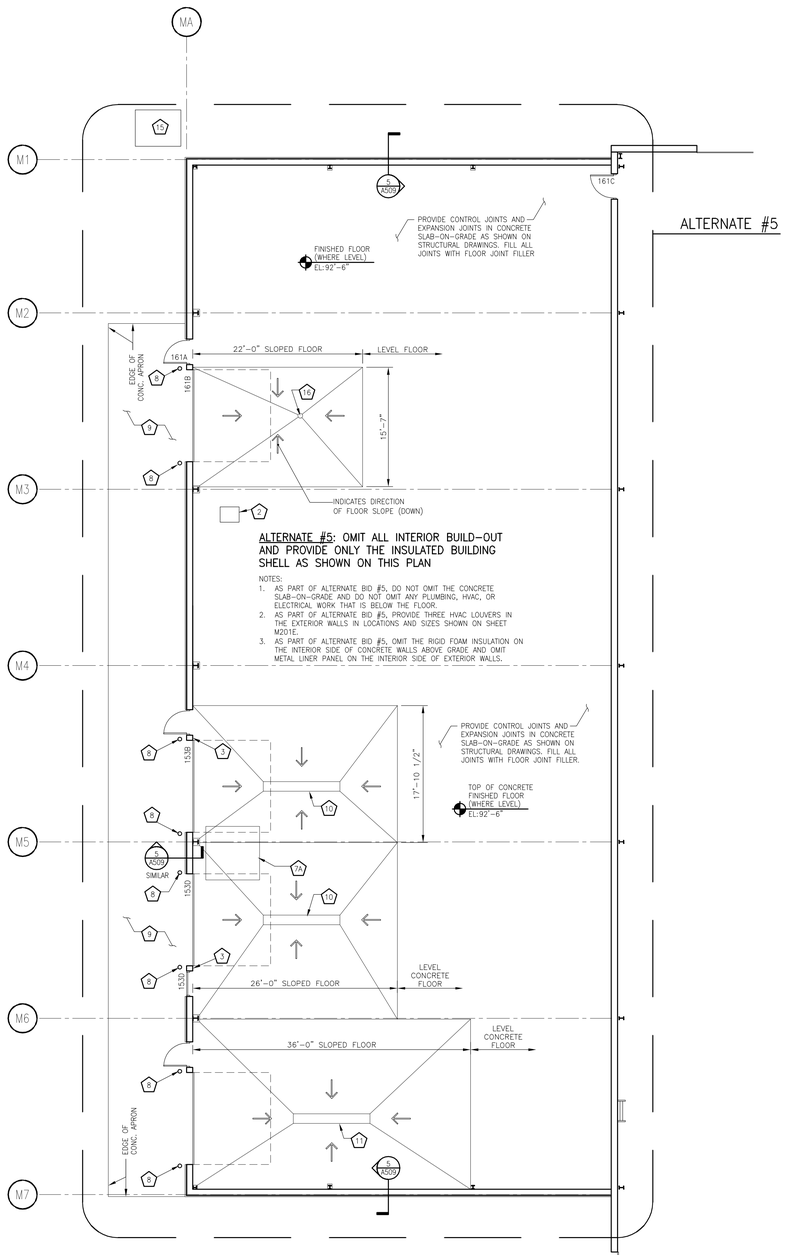
FIRST FLOOR PLAN
AREA D

SHEET NO.

A201D

N 1 A201D FIRST FLOOR PLAN – AREA D
SCALE: 1/16"= 1'–0"

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-A201D.DWG

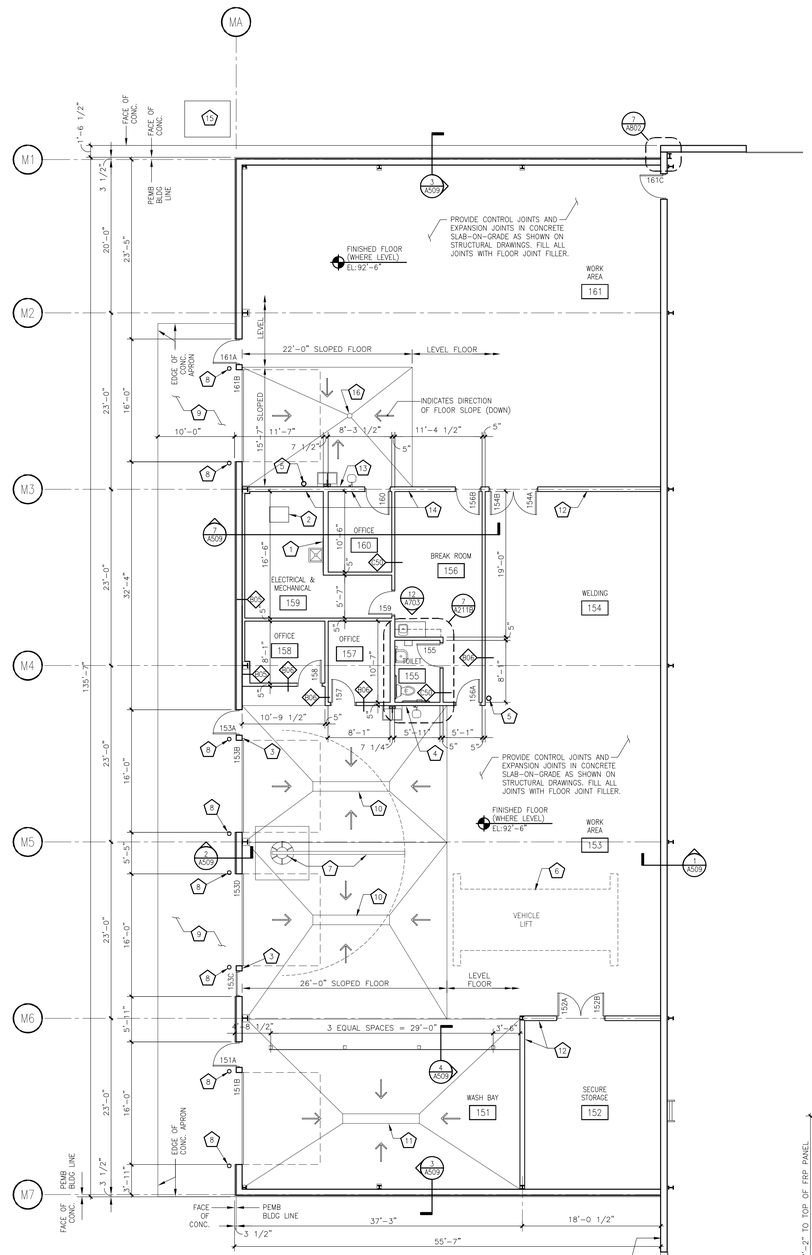


N 5 A201E

ALTERNATE BID #5

FIRST FLOOR PLAN – AREA E

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



N 1 A201E

BASE BID

FIRST FLOOR PLAN – AREA E

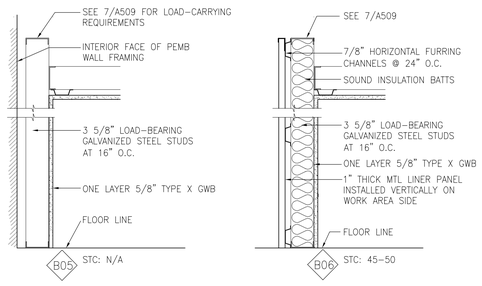
SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. DIMENSIONS ARE GIVEN TO FINISHED FACE OF GYPSUM WALLBOARD AND/OR FACE OF MASONRY AND/OR FACE OF CONCRETE UNLESS NOTED OTHERWISE.
2. ALL WALL AND PARTITION THICKNESS DIMENSIONS ARE NOMINAL DIMENSIONS. SEE PARTITION TYPE SECTIONS AND WALL SECTIONS FOR DESCRIPTION OF CONSTRUCTION.
3. ALL PARTIONS 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 OWNER-FURNISHED OWNER-INSTALLED.
7. PROVIDE A JIB CRANE IN LOCATION INDICATED. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. REFER TO STRUCTURAL DRAWINGS FOR FOOTING INFORMATION.
10. ALTERNATE BID #5: PROVIDE ONLY THE FOOTING FOR JIB CRANE – SEE STRUCTURAL DRAWINGS
8. PROVIDE CONCRETE-FILLED STEEL PIPE BOLLARDS ON THE EXTERIOR SIDE AT BOTH JAMBS OF OVERHEAD DOOR. SEE DETAIL 8/A509.
9. POURED-IN-PLACE CONCRETE APRON CONSTRUCTED OF 7-INCH THICK CONCRETE PAVEMENT WITH ONE LAYER OF 6x6-W2.0xW2.0 WELDED WIRE FABRIC
10. TRENCH DRAIN BY PLUMBING CONTRACTOR. TOP OF GRATE ELEVATION = 92'- 4"
11. TRENCH DRAIN BY PLUMBING CONTRACTOR. TOP OF GRATE ELEVATION = 92'-2"
12. 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. PROVIDE INTERMEDIATE COLUMNS IN LOCATIONS REQUIRED TO SUPPORT GIRTS.
13. PROVIDE A FIBERGLASS REINFORCED PANEL ON WALL BEHIND SINK & EMERGENCY EYEWASH. SEE DETAIL 4/A201E
14. 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.
15. 6-INCH THICK UNREINFORCED CONCRETE SLAB-ON-GRADE FOR HVAC EQUIPMENT. COORDINATE SIZE AND LOCATION WITH SITE AND HVAC DESIGN.
16. FLOOR DRAIN BY PLUMBING CONTRACTOR. TOP OF GRATE ELEVATION = 92'-4"

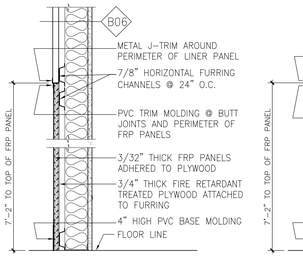


NOTE: SEE SHEET A001 FOR ADDITIONAL PARTITION TYPES NOT SHOWN ABOVE.

2 A201E

PARTITION TYPES

SCALE: N.T.S.

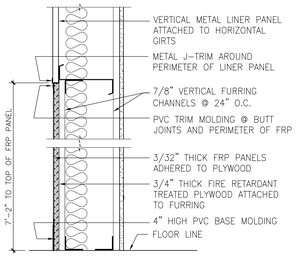


WALL PROTECTION BEHIND SINK

3 A201E

SECTION VIEW

SCALE: N.T.S.



WALL PROTECTION BEHIND SINK

4 A201E

SECTION VIEW

SCALE: N.T.S.

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MADISON, WI 53705-4395

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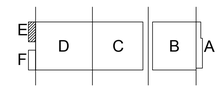
PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

FIRST FLOOR PLAN AREA E



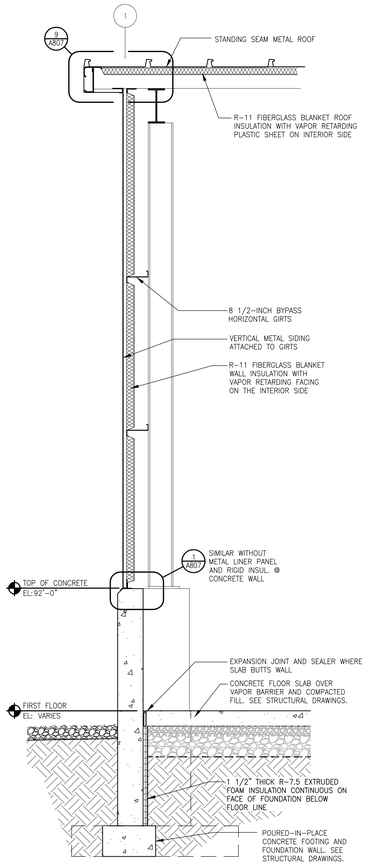
KEY PLAN

SHEET NO.

A201E

CARLOS RUIZZ 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

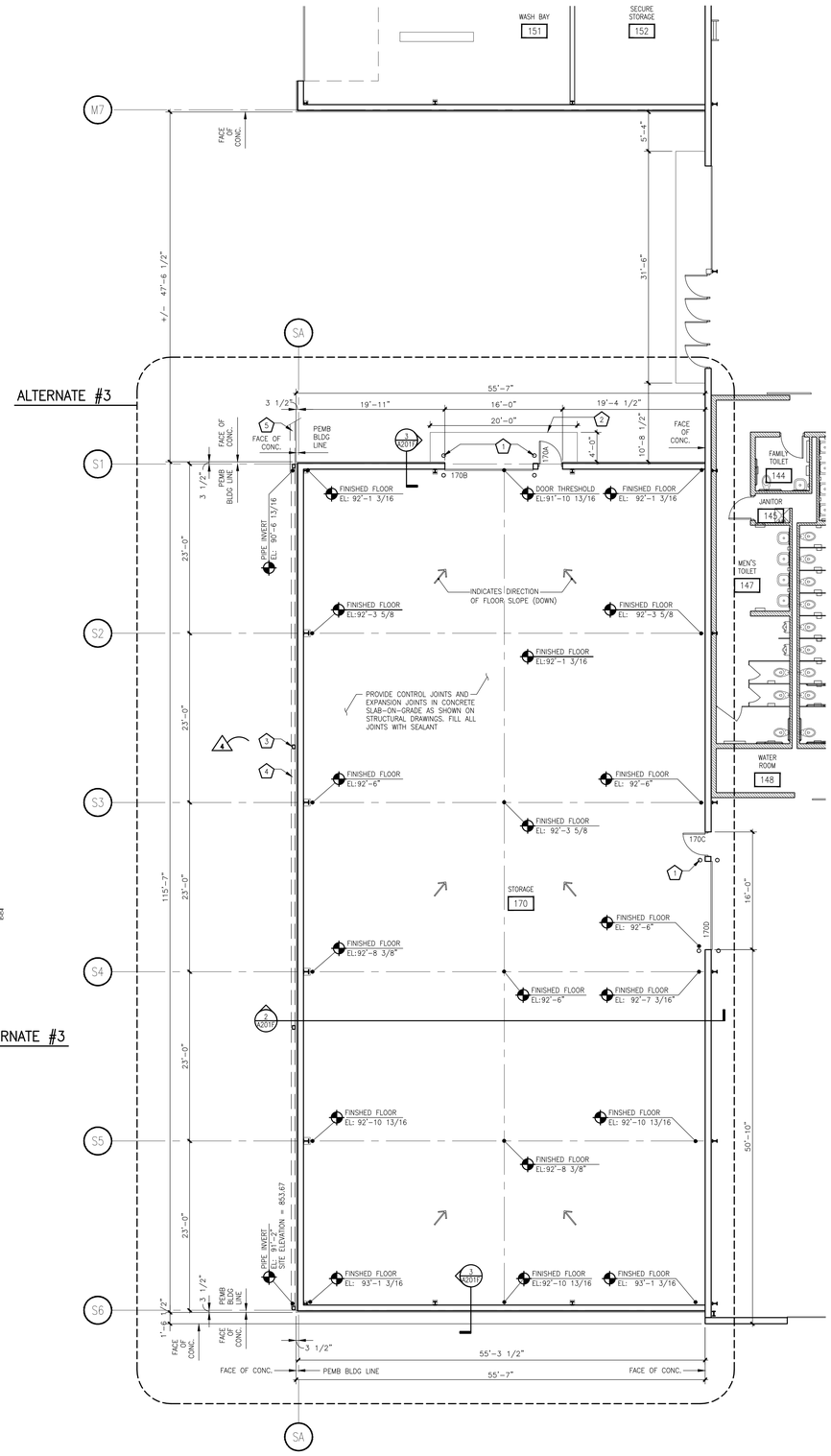
SCALE: 1/4" = 1'-0"

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 PARITIONS 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

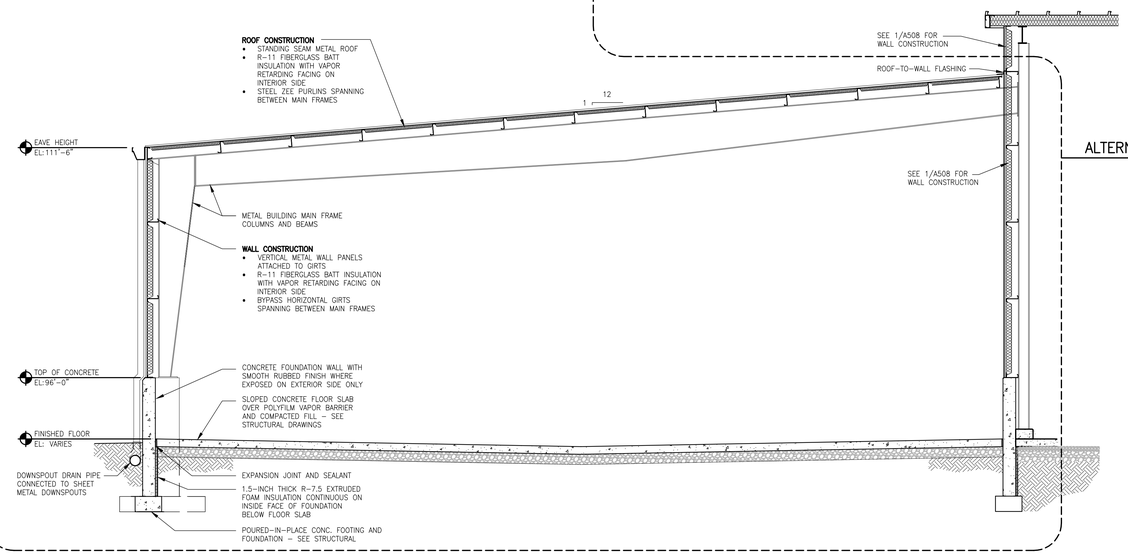
1. PROVIDE STEEL PIPE BOLLARDS ON BOTH SIDES OF BOTH JAMBS @ OVERHEAD DOOR. SEE DETAIL 8/A509
2. POURED-IN-PLACE CONCRETE APRON CONSTRUCTED OF 7-INCH THICK CONCRETE PAVEMENT WITH ONE LAYER OF 6x6-W2.0xW2.0 WELDED WIRE FABRIC
3. IN FOUR LOCATIONS, CONNECT THE 4" x 6" SHEET METAL DOWNSPOUT TO THE UNDERGROUND DRAIN PIPE AT GROUND LEVEL WITH A DOWNSPOUT ADAPTER FROM THE PIPE SUPPLIER
4. PROVIDE 6"ø HDPE UNPERFORATED UNDERGROUND DOWNSPOUT DRAIN PIPE SLOPED @ 1/16" PER FOOT
5. PROVIDE 8"ø HDPE UNPERFORATED UNDERGROUND DOWNSPOUT DRAIN PIPE SLOPED @ 1/16" PER FOOT TO THE CATCH BASIN. SEE SHEET C502.



ALTERNATE #3

1 A201F FIRST FLOOR PLAN – AREA F

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



ALTERNATE #3

2 A201F BUILDING CROSS SECTION – AREA F

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

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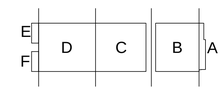
PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

FIRST FLOOR PLAN AREA F

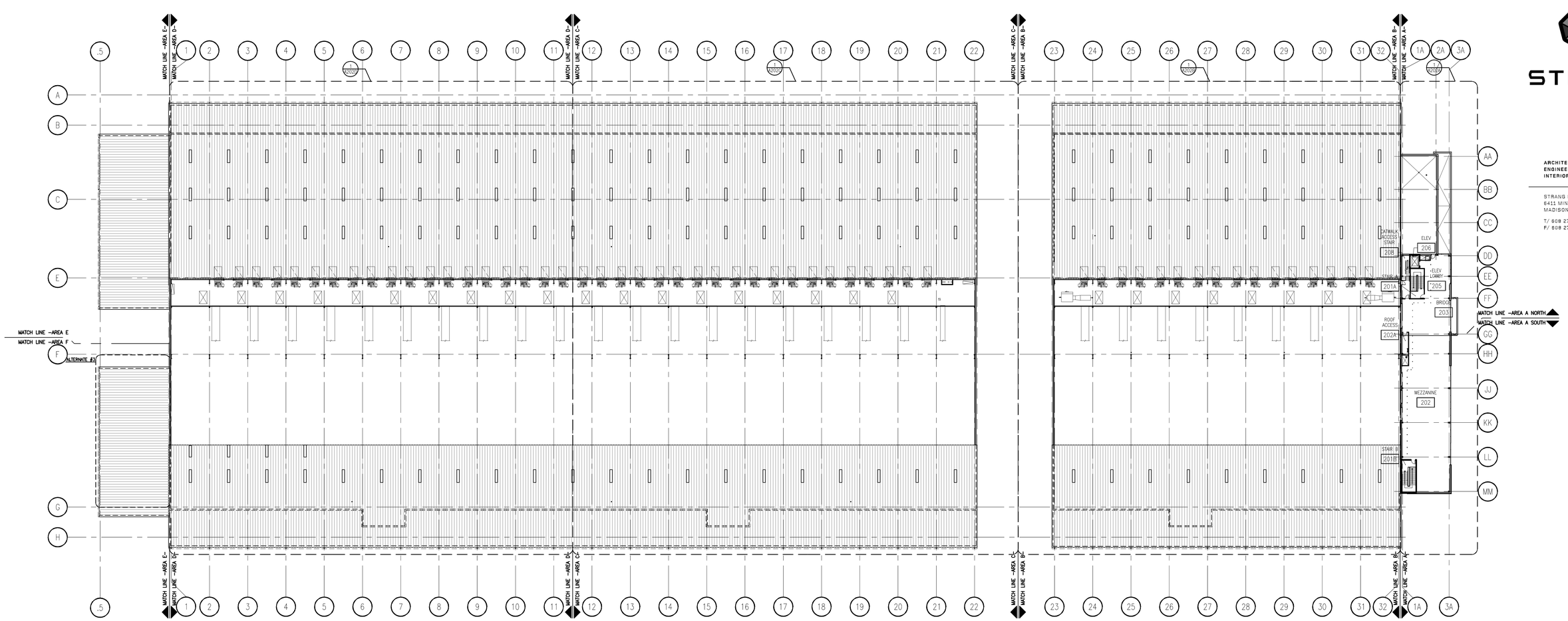


KEY PLAN

SHEET NO.

A201F

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-A201F.DWG



N

1 A202

MEZZANINE REFERENCE PLAN

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

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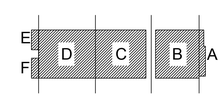
PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713



KEY PLAN

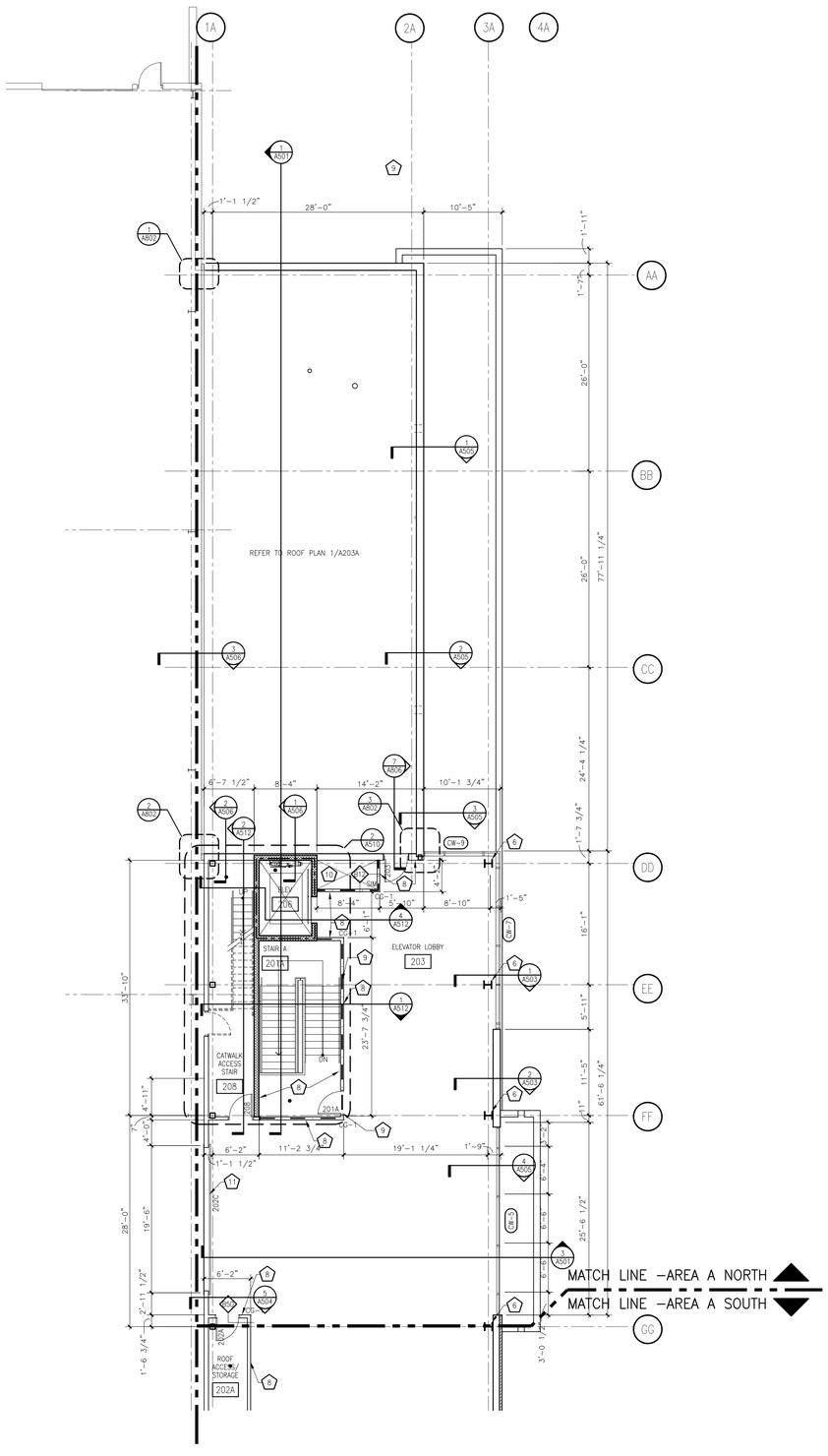
SHEET TITLE

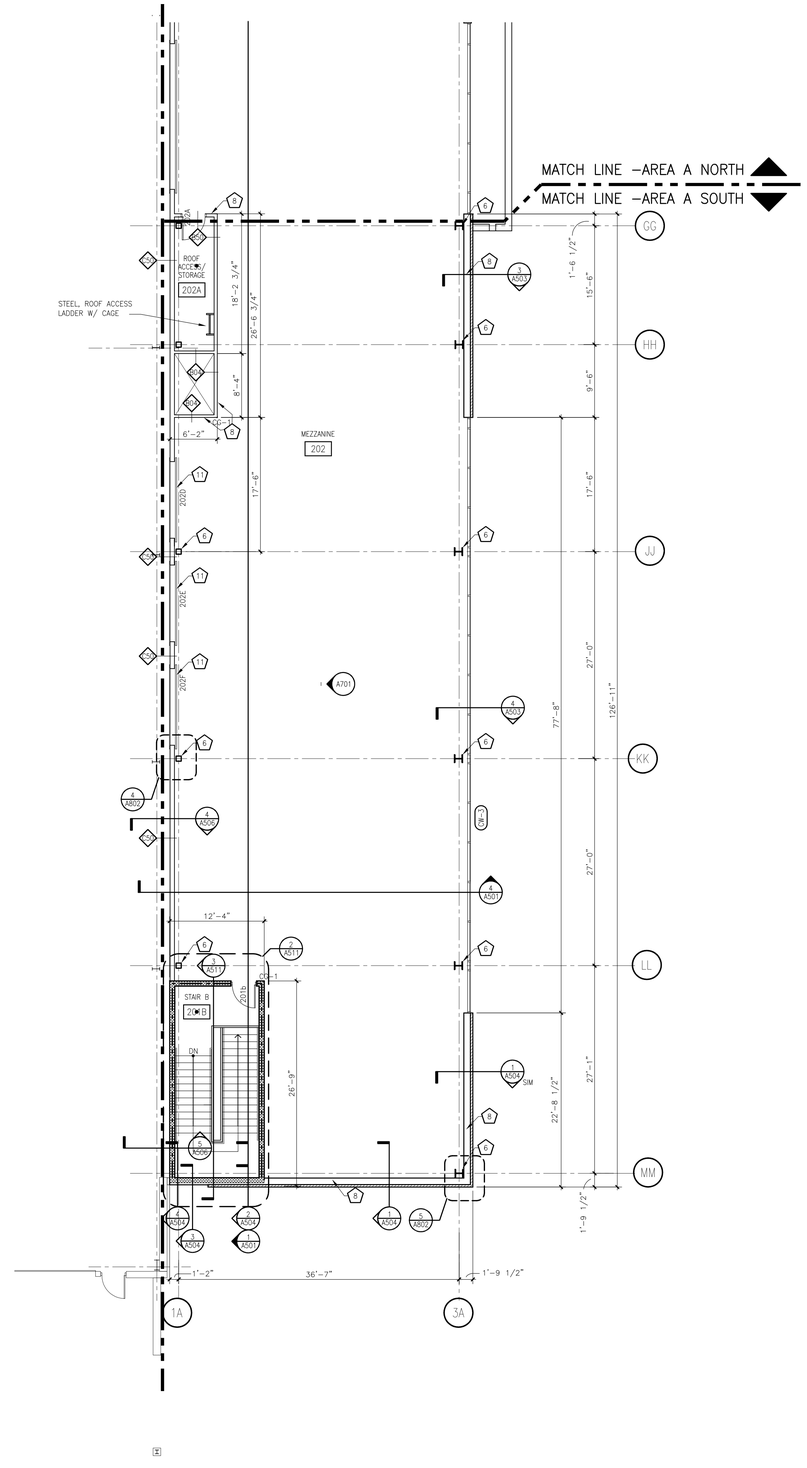
MEZZANINE REFERENCE PLAN

SHEET NO.

A202

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-A202.DWG





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 CWB OVER METAL STUDS.
12.	ROOMS 129,129A,130,132,132A,133,149,149A AND 150, THE UPPER PORTION OF ALL PARTITIONS IS TO BE PROVIDED AS PRE–ENGINEERED METAL BUILDING CONSTRUCTION PER SECTION 1/A507
13.	ALTERNATE# 1: ALL ABOVE SLAB WORK INCLUDING BUT NOT LIMITED TO; PLUMBING FIXTURES, CMU WALL ASSEMBLIES, LIGHT GAGE METAL CEILING ASSEMBLIES, INTERIOR FINISHES, SPECIALTIES, MECHANICAL AND ELECTRICAL EQUIPMENT TO BE CONSIDERED PART OF ADD ALTERNATE #1. UNDER SLAB WORK INCLUDING FOUNDATION AND PLUMBING ROUGH WORK TO THE PERIMETER OF TOILET ROOM 134–136, TO BE INSTALLED AS PART OF BASE BUILDING CONSTRUCTION WITH FUTURE PLUMBING SANITARY WORK TYING INTO EXISTING BRANCH PIPING VIA SLAB REWORK BE PART OF ADD ALTERNATE #1.

PLAN – SPECIFIC NOTES

#	
1	2" GALVANIZED PIPE RAIL ATTACHED ENTIRE LENGTH OF WALL @ 5'–0" O.C. – LIVESTOCK TIE
2	PROVIDE ROOF LADDER W/ CAGE ATTACHED TO PEMB GIRTS & 4'–0" x 4'–0" ROOF ACCESS HATCH TO WALKABLE PLENUM – SEE SPECIFICATIONS
3	OPEN PLENUM (WALKABLE)
4	NOT USED
5	NOT USED
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. TEMPORARY COVER TO BE "KNOCK OUT" CONCRETE COVER. FINISHED SAME AS ADJACENT FLOORING.
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.)
12	DETAIL TAG 1/A507 @ ELEC. ROOM 129, SIMILAR REPRESENTS THE TYPICAL WALL SECTION WITH METAL LINER PANEL AND 1 ½" BOARD INSULATION TO EXTEND DOWN TO FLOOR.
13	DETAIL TAG 3/A507 SIM. @ DOOR 120B, SIMILAR REPRESENTS THE TYPICAL WALL SECTION WITHOUT THE LOUVER AND REPLACED WITH STOREFRONT (SF–4).
14	DETAIL TAG 3A/A507 SIM. @ DOOR 120D, SIMILAR REPRESENTS THE TYPICAL WALL SECTION @ OVERHEAD DOOR ASSEMBLY ONLY, THE WALL CONSTRUCTION ABOVE THE OVERHEAD DOOR WOULD BE 1/A508.
15	DETAIL TAG 3A/A507 SIM. @ DOOR 140E, 142B, 131F, SIMILAR REPRESENTS THE TYPICAL WALL SECTION @ OVERHEAD DOOR ASSEMBLY ONLY, THE WALL CONSTRUCTION ABOVE THE OVERHEAD DOOR WOULD BE 1/A508.
16	DETAIL TAG 1/A507 SIM. @ ELEC. ROOM 132A, SIMILAR REPRESENTS THE TYPICAL WALL SECTION WITHOUT CONCRETE CURB AND CMU MASONRY VENEER WALL AND METAL LINER PANEL.
17	DETAIL TAG 3A/A507 SIM. @ DOOR 131F, SIMILAR REPRESENTS THE TYPICAL WALL SECTION @ OVERHEAD DOOR ASSEMBLY ONLY, THE WALL CONSTRUCTION ABOVE THE OVERHEAD DOOR WOULD BE 1/A508.
18	DETAIL TAG 3/A507 SIM. @ DOOR 131B, SIMILAR REPRESENTS THE TYPICAL WALL SECTION WITHOUT THE LOUVER AND REPLACED WITH STOREFRONT (SF–4).
19	DETAIL TAG 1/ A508 SIM. REPRESENTS TYPICAL WALL SECTION FOR PAVILION BUILDING 1 AREA B. PAVILION 1 IS A HEATED BUILDING. WALL SECTIONS FOR PAVILION BUILDING 2 AREA C & D CALLED OUT WILL BE 1/A508 SIM. SIMILAR REPRESENTS WALL SECTION WITHOUT AIR/ VAPOR BARRIER AND 1 ½" BOARD INSULATION.

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DRAWN	MJ
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PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

SHEET TITLE

MEZZANINE FLOOR PLAN AREA A

SHEET NO.

A202A

N 1 A202A MEZZANINE FLOOR PLAN – AREA A – NORTH

SCALE: 1/8" = 1'–0"

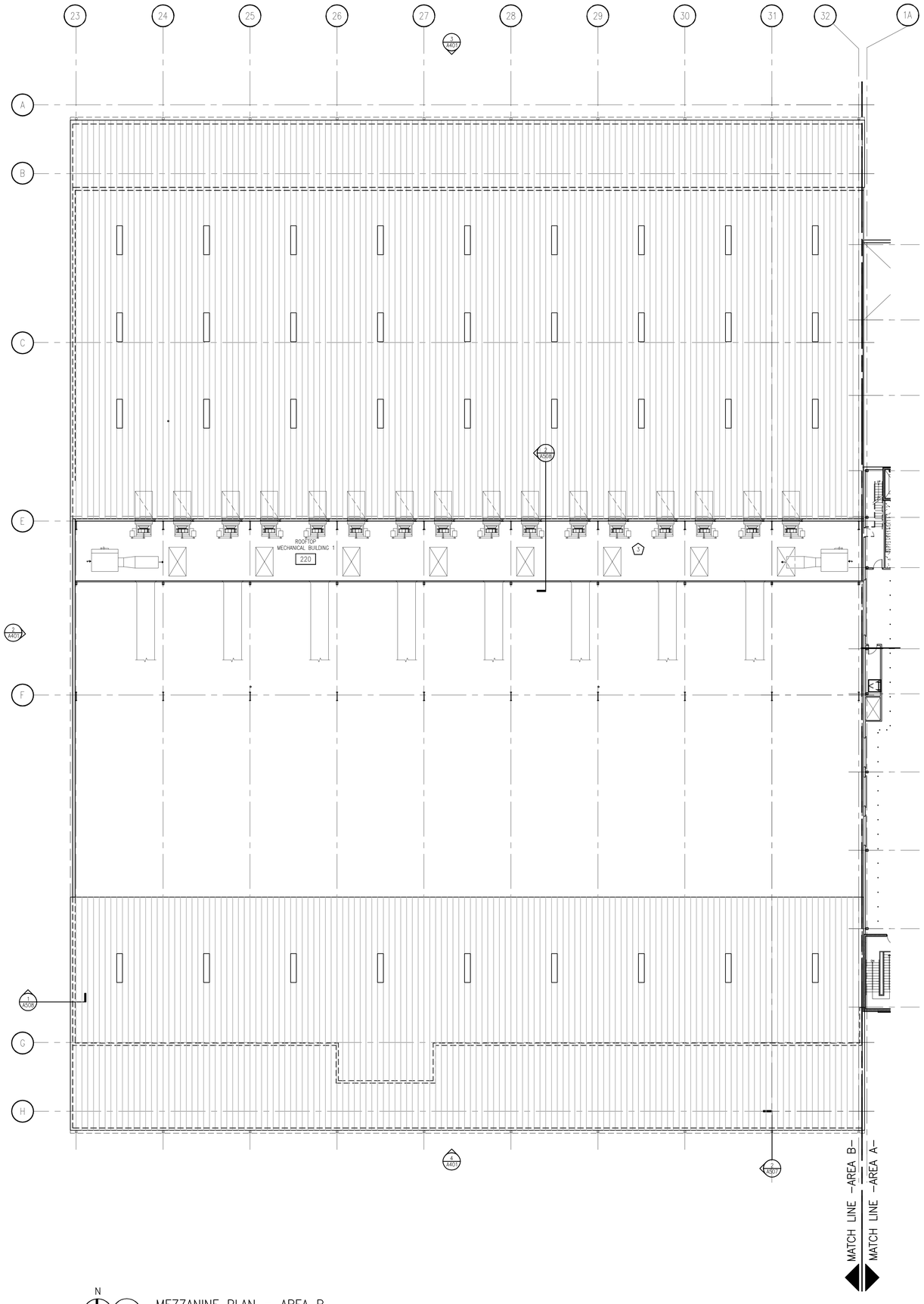
N 2 A202A MEZZANINE FLOOR PLAN – AREA A – SOUTH

SCALE: 1/8" = 1'–0"

E F D C B A

KEY PLAN

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-A202A.DWG



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 "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.	ROOMS 129,129A,130,132,132A,133,149,149A AND 150, THE UPPER PORTION OF ALL PARTITIONS IS TO BE PROVIDED AS PRE-ENGINEERED METAL BUILDING CONSTRUCTION PER SECTION 1/A507
13.	ALTERNATE# 1: ALL ABOVE SLAB WORK INCLUDING BUT NOT LIMITED TO: PLUMBING FIXTURES, CMU WALL ASSEMBLIES, LIGHT GAGE METAL CEILING ASSEMBLIES, INTERIOR FINISHES, SPECIALTIES, MECHANICAL AND ELECTRICAL EQUIPMENT TO BE CONSIDERED PART OF ADD ALTERNATE #1. UNDER SLAB WORK INCLUDING FOUNDATION AND PLUMBING ROUGH WORK TO THE PERIMETER OF TOILET ROOM 134-136, TO BE INSTALLED AS PART OF BASE BUILDING CONSTRUCTION WITH FUTURE PLUMBING SANITARY WORK TYING INTO EXISTING BRANCH PIPING VIA SLAB REWORK BE PART OF ADD ALTERNATE #1.

PLAN – SPECIFIC NOTES

#	
1	2" GALVANIZED PIPE RAIL ATTACHED ENTIRE LENGTH OF WALL @ 5'-0" O.C. – LIVESTOCK TIE
2	PROVIDE ROOF LADDER W/ CAGE ATTACHED TO PEMB GIRTS & 4'-0" x 4'-0" ROOF ACCESS HATCH TO WALKABLE PLENUM – SEE SPECIFICATIONS
3	OPEN PLENUM (WALKABLE)
4	NOT USED
5	NOT USED
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. TEMPORARY COVER TO BE "KNOCK OUT" CONCRETE COVER. FINISHED SAME AS ADJACENT FLOORING.
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.)
12	DETAIL TAG 1/A507 @ ELEC. ROOM 129, SIMILAR REPRESENTS THE TYPICAL WALL SECTION WITH METAL LINER PANEL AND 1 ½" BOARD INSULATION TO EXTEND DOWN TO FLOOR.
13	DETAIL TAG 3/A507 SIM. @ DOOR 120B, SIMILAR REPRESENTS THE TYPICAL WALL SECTION WITHOUT THE LOUVER AND REPLACED WITH STOREFRONT (SF-4).
14	DETAIL TAG 3A/A507 SIM. @ DOOR 120D, SIMILAR REPRESENTS THE TYPICAL WALL SECTION @ OVERHEAD DOOR ASSEMBLY ONLY, THE WALL CONSTRUCTION ABOVE THE OVERHEAD DOOR WOULD BE 1/A508.
15	DETAIL TAG 3A/A507 SIM. @ DOOR 140E, 142B, 131F, SIMILAR REPRESENTS THE TYPICAL WALL SECTION @ OVERHEAD DOOR ASSEMBLY ONLY, THE WALL CONSTRUCTION ABOVE THE OVERHEAD DOOR WOULD BE 1/A508.
16	DETAIL TAG 1/A507 SIM. @ ELEC. ROOM 132A, SIMILAR REPRESENTS THE TYPICAL WALL SECTION WITHOUT CONCRETE CURB AND CMU MASONRY VENEER WALL AND METAL LINER PANEL.
17	DETAIL TAG 3A/A507 SIM. @ DOOR 131F, SIMILAR REPRESENTS THE TYPICAL WALL SECTION @ OVERHEAD DOOR ASSEMBLY ONLY, THE WALL CONSTRUCTION ABOVE THE OVERHEAD DOOR WOULD BE 1/A508.
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19	DETAIL TAG 1/ A508 SIM. REPRESENTS TYPICAL WALL SECTION FOR PAVILION BUILDING 1 AREA B. PAVILION 1 IS A HEATED BUILDING. WALL SECTIONS FOR PAVILION BUILDING 2 AREA C & D CALLED OUT WILL BE 1/A508 SIM. SIMILAR REPRESENTS WALL SECTION WITHOUT AIR/ VAPOR BARRIER AND 1 ½" BOARD INSULATION.

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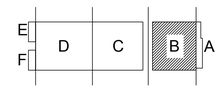
PROJECT TITLE

ALLIANT ENERGY CENTER PAVILIONS BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713



KEY PLAN

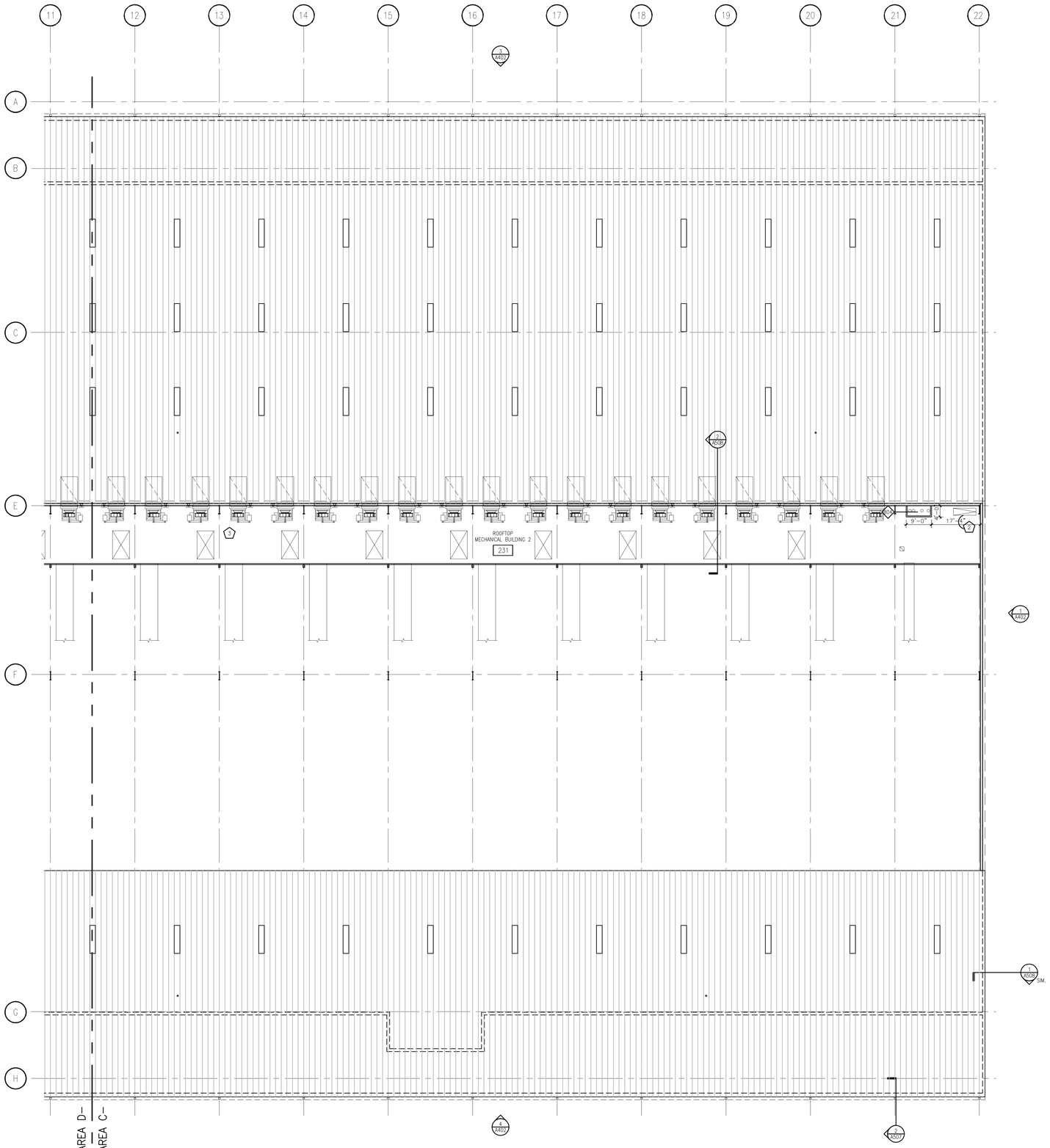
SHEET TITLE

MEZZANINE FLOOR PLAN AREA B

SHEET NO.

A202B

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-A202B.DWG



N

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.	ROOMS 129,129A,130,132,132A,133,149,149A AND 150, THE UPPER PORTION OF ALL PARTITIONS IS TO BE PROVIDED AS PRE-ENGINEERED METAL BUILDING CONSTRUCTION PER SECTION 1/A507
13.	ALTERNATE# 1: ALL ABOVE SLAB WORK INCLUDING BUT NOT LIMITED TO: PLUMBING FIXTURES, CMU WALL ASSEMBLIES, LIGHT GAGE METAL CEILING ASSEMBLIES, INTERIOR FINISHES, SPECIALTIES, MECHANICAL AND ELECTRICAL EQUIPMENT TO BE CONSIDERED PART OF ADD ALTERNATE #1. UNDER SLAB WORK INCLUDING FOUNDATION AND PLUMBING ROUGH WORK TO THE PERIMETER OF TOILET ROOM 134-136, TO BE INSTALLED AS PART OF BASE BUILDING CONSTRUCTION WITH FUTURE PLUMBING SANITARY WORK TYING INTO EXISTING BRANCH PIPING VIA SLAB REWORK BE PART OF ADD ALTERNATE #1.

#	PLAN – SPECIFIC NOTES
1	2" GALVANIZED PIPE RAIL ATTACHED ENTIRE LENGTH OF WALL @ 5'-0" O.C. – LIVESTOCK TIE
2	PROVIDE ROOF LADDER W/ CAGE ATTACHED TO PEMB GIRTS & 4'-0" x 4'-0" ROOF ACCESS HATCH TO WALKABLE PLENUM – SEE SPECIFICATIONS
3	OPEN PLENUM (WALKABLE)
4	NOT USED
5	NOT USED
6	PROVIDE LEVEL 4 FINISH TO 8'-0" AND LEVEL 2 FINISH ABOVE 8'-0" JPT-1 (PDCIA STD.)
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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.
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REVISIONS	
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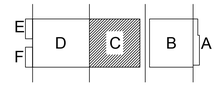
CHECKED	RG
DATE	10-29-13
PROJECT NO.	2013027_02

PROJECT TITLE

ALLIANT ENERGY
CENTER PAVILIONS
BID # 313072

1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713



KEY PLAN

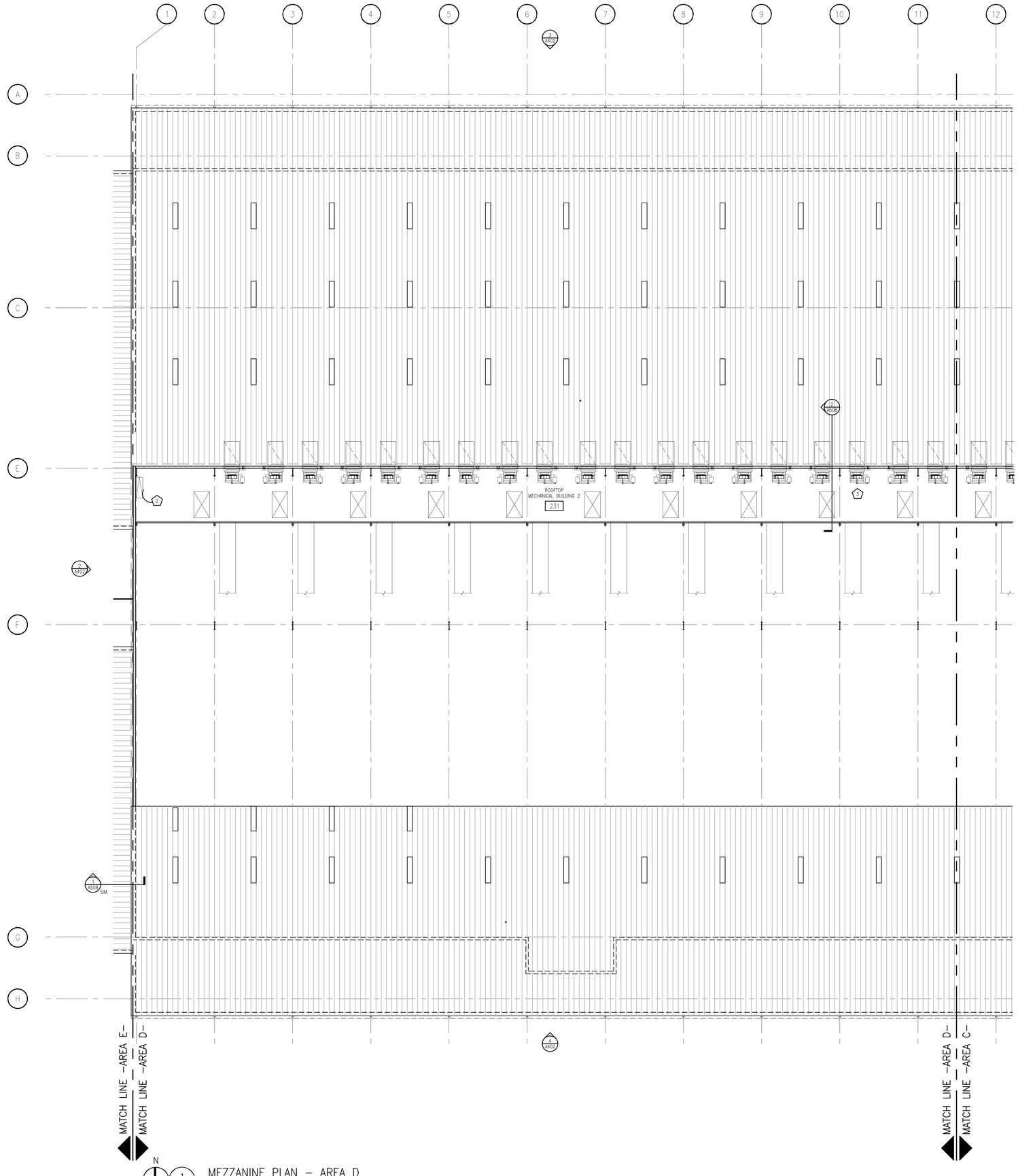
SHEET TITLE

MEZZANINE
FLOOR PLAN
AREA C

SHEET NO.

A202C

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-A202C.DWG



N 1 A202D 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 "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.	ROOMS 129,129A,130,132,132A,133,149,149A AND 150, THE UPPER PORTION OF ALL PARTITIONS IS TO BE PROVIDED AS PRE-ENGINEERED METAL BUILDING CONSTRUCTION PER SECTION 1/A507
13.	ALTERNATE# 1: ALL ABOVE SLAB WORK INCLUDING BUT NOT LIMITED TO; PLUMBING FIXTURES, CMU WALL ASSEMBLIES, LIGHT GAGE METAL CEILING ASSEMBLIES, INTERIOR FINISHES, SPECIALTIES, MECHANICAL AND ELECTRICAL EQUIPMENT TO BE CONSIDERED PART OF ADD ALTERNATE #1. UNDER SLAB WORK INCLUDING FOUNDATION AND PLUMBING ROUGH WORK TO THE PERIMETER OF TOILET ROOM 134-136, TO BE INSTALLED AS PART OF BASE BUILDING CONSTRUCTION WITH FUTURE PLUMBING SANITARY WORK TYING INTO EXISTING BRANCH PIPING VIA SLAB REWORK BE PART OF ADD ALTERNATE #1.

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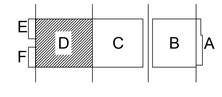

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