PERMIT SET

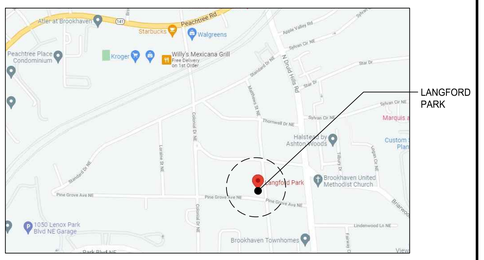
LANGFORD PARK

ARCHITECTURE DEVELOPMENT PACKAGE

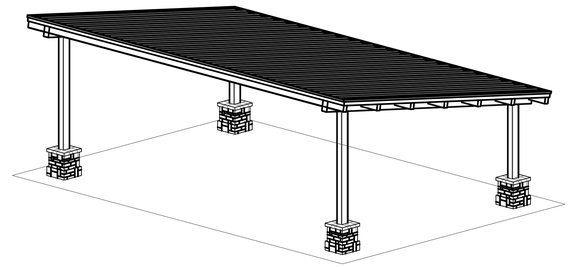
PREPARED FOR: CITY OF BROOKHAVEN

4362 PEACHTREE ROAD
BROOKHAVEN, GEORGIA 30319

PROJECT LOCATION



PROJECT MAP



SHEET NUMBERING SYSTEM

DENOTES DISCIPLINE:

A	ARCHITECTURE	S	STRUCTURE
I	INTERIOR DESIGN	M	MECHANICAL
F	FURNITURE	P	PLUMBING
G	GRAPHICS AND SIGNAGE	FP	FIRE
C	CIVIL	E	ELECTRICAL
L	LANDSCAPE		

A1.0

DENOTES DRAWING TYPE:

0 SERIES = GENERAL INFORMATION
1 SERIES = DEMOLITION
2 SERIES = PLANS
3 SERIES = EXTERIOR ELEVATIONS
4 SERIES = BUILDING SECTIONS & DETAILS
5 SERIES = (NOT USED)
6 SERIES = REFLECTED CEILING PLANS
7 SERIES = (NOT USED)
8 SERIES = DOOR AND WINDOW SCHEDULES AND DETAILS

DRAWING INDEX

GENERAL — BUILDING A - PAVILION

A0.0A COVER SHEET
A0.1A GENERAL NOTES, ABBREVIATIONS, LEGEND GRAPHICS SYMBOLS, CODE REVIEW
A0.2A ADA STANDARDS

SITE/CIVIL (FOR REFERENCE ONLY)

* THE FOLLOWING SHEETS ARE INCLUDED FOR REFERENCE ONLY. SEE CIVIL DRAWINGS FOR INFORMATION.

*C1.00 LAYOUT PLAN

ARCHITECTURAL

A2.1A PLANS, ELEVATION AND SECTION
A2.2A DETAILS

STRUCTURAL

S0.1A PAVILION A STRUCTURAL GENERAL NOTES SPECIAL INSPECTION PLAN
S1.1A PAVILION A FOUNDATION PLAN SECTIONS & DETAILS

MECHANICAL / PLUMBING

NONE REQUIRED

ELECTRICAL

E0.10A ELECTRICAL SITE PLAN
E1.00A BUILDING A LIGHTING AND POWER PLAN
E2.00A LEGEND, NOTES, SCHEDULES & RISER

GENERAL — BUILDING B1 - SHADE

A0.1B1 GENERAL NOTES, ABBREVIATIONS, LEGEND GRAPHICS SYMBOLS, CODE REVIEW

ARCHITECTURAL

A2.1B1 PLANS AND ELEVATIONS

STRUCTURAL

S0.1B1 PAVILION B1 STRUCTURAL GENERAL NOTES SPECIAL INSPECTION PLAN
S1.1B1 PAVILION B1 FOUNDATION PLAN SECTIONS & DETAILS

MECHANICAL / PLUMBING

NONE REQUIRED

ELECTRICAL

E0.1B1 ELECTRICAL SITE PLAN
E1.0B1 BUILDING B1 & B2 LIGHTING AND POWER PLAN

GENERAL — BUILDING B2 - SHADE

A0.1B2 GENERAL NOTES, ABBREVIATIONS, LEGEND GRAPHICS SYMBOLS, CODE REVIEW

ARCHITECTURAL

A2.1B2 PLANS AND ELEVATIONS

STRUCTURAL

S0.1B2 PAVILION B2 STRUCTURAL GENERAL NOTES SPECIAL INSPECTION PLAN
S1.1B2 PAVILION B2 FOUNDATION PLAN SECTIONS & DETAILS

MECHANICAL / PLUMBING

NONE REQUIRED

ELECTRICAL

E0.1B2 ELECTRICAL SITE PLAN
E1.0B2 BUILDING B1 & B2 LIGHTING AND POWER PLAN

OWNER

CITY OF BROOKHAVEN, GA.

PARKS & RECREATION DEPARTMENT
3360 OSBORNE ROAD
BROOKHAVEN, GEORGIA 30319
CONTACT: BRIAN BORDEN, DIRECTOR
PHONE: (404) 637-0562

PLANS PREPARED BY

ARCHITECT

LOSE DESIGN

220 W. CROGAN ST., SUITE 100
LAWRENCEVILLE, GEORGIA 30046
PHONE: 770-338-0017
CONTACT: STEPHEN DICKERHOFE,
DIRECTOR OF ARCHITECTURE

LANDSCAPE ARCHITECT/ CIVIL ENGINEERING

LOSE DESIGN

220 W. CROGAN ST., SUITE 100
LAWRENCEVILLE, GEORGIA 30046
PHONE: 770-338-0017
CONTACT: DAVID YOUNG
PROJECT MANAGER / LANDSCAPE ARCHITECT

CONSULTANTS

STRUCTURAL ENGINEER

EMC STRUCTURAL ENGINEERS, P. C.

4525 TROUSDALE DRIVE
NASHVILLE, TENNESSEE 37204
PHONE: 615-781-8199
CONTACT: JOHNNY JOHNSON, P.E.

ELECTRICAL ENGINEER

PARSONS ENGINEERING, INC.

4751 TROUSDALE DRIVE, SUITE 202
NASHVILLE, TENNESSEE 37220
PHONE: 615-386-9396
CONTACT: TONY PEZZI, P.E.

LOSE DESIGN
SPACES FOR LIFE.

STATE OF GEORGIA
SEAN CHRISTOPHER GUTH
CERTIFICATE NO. RA031888
REGISTERED ARCHITECT
10.21.2021

LANGFORD PARK IMPROVEMENTS
ARCHITECTURAL - BUILDING A - PAVILION
BUILDING B1 & B2 - SHADE
CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT
CITY OF BROOKHAVEN GEORGIA

REVISIONS

NO.	DATE	COMMENTS

PERMIT SET

SHEET TITLE: COVER SHEET

PROJECT NO. 20180	DATE 10/21/2021
DRAWN BY LWS	SCALE N/A
CHECKED BY SG	

SHEET NO. A0.0A

GENERAL BUILDING NOTES

ARCHITECTURAL

1. DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, OBTAIN CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION.
2. THE BUILDING LAYOUT SHALL BE BASED ON THE ARCHITECTURAL DRAWINGS AND COORDINATED WITH THE ARCHITECT. THE CONTRACTOR SHALL CHECK ALL GRADES AND FINAL DIMENSIONS "IN THE FIELD" AND REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.
3. BUILDING MATERIALS CONTAINING ASBESTOS OR OTHER HAZARDOUS MATERIALS ARE PROHIBITED ON THIS PROJECT.
4. PROVIDE POSITIVE DRAINAGE AT WALKS, STEPS, AND LANDINGS. THERE SHALL BE NO PONDING OF WATER.
5. ELECTRICAL BOXES LOCATED ON OPPOSITE SIDES OF WALLS OR PARTITIONS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES.
6. ALL MATERIALS PROVIDED SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATION AND AS PER CODE REQUIREMENTS.
7. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL MEET ALL ADOPTED BUILDING CODES, AND THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION.
8. ITEMS REQUIRING FINISH SELECTIONS THAT DO NOT APPEAR IN THE DOCUMENTS SHALL BE SELECTED FROM SHOP DRAWING SUBMITTALS.
9. THE DRAWINGS AND SPECIFICATIONS ARE TO BE CONSIDERED OF EQUAL VALUE; WHERE THERE IS A CONFLICT BETWEEN DRAWINGS AND SPECIFICATIONS, CONTACT THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING.
10. ROUGH FINISHING AND "OVER" CUTS AROUND ELECTRICAL OUTLETS WILL NOT BE ACCEPTED.
11. ALL STUD SPACING TO BE 16" O.C. UNLESS OTHERWISE NOTIFIED.
12. INTERIOR DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH, U.N.O.
13. ALL INTERIOR FIRE RATED PARTITIONS SHALL EXTEND TIGHT TO STRUCTURE ABOVE AND SHALL TERMINATE AT EXTERIOR SHEATHING. NON-FIRE RATED PARTITIONS SHALL BUTT INTO FACE OF FIRE RATED PARTITION SO THAT FIRE RATING INTEGRITY IS MAINTAINED.
14. SEAL ALL PENETRATIONS W/ APPROPRIATE RATED ASSEMBLIES TO MAINTAIN THE FIRE RATING OF THE INDIVIDUAL PARTITIONS OR WALLS. REFER TO THE 'UL RATING' SHEET.
15. ELECTRICAL PANELS, FIRE EXTINGUISHER CABINETS, ETC., LOCATED IN RATED PARTITIONS SHALL BE BACKED W/ TYPE-X DRYWALL ON FIVE SIDES TO MAINTAIN RATING, AS DETAILED IN DRAWINGS.
16. THE CONTRACTOR IS REQUIRED TO PROVIDE MATERIAL TO FULLY CONSTRUCT THE PROJECT PER THE DESIGN INTENT OF THE CONTRACT DOCUMENTS, WHETHER DETAILED OR IMPLIED. IF THE CONTRACTOR, AFTER REVIEW OF THE DRAWINGS, NEEDS ADDITIONAL INFORMATION OR CLARIFICATION CONTACT THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
17. THESE CONTRACT DOCUMENTS (DRAWINGS AND PROJECT MANUAL / SPECIFICATIONS) ARE TO BE CONSIDERED AS A WHOLE ENTITY. ANY CONTRACTOR, SUBCONTRACTOR, OR VENDOR THAT CHOOSES TO UTILIZE ONLY A PORTION OF THE DOCUMENTS TO BID, CONSTRUCT, OR SUPPLY MATERIAL FOR THE PROJECT SHALL ASSUME FULL RESPONSIBILITY FOR RELATED ITEMS THAT MAY BE CONTAINED ELSEWHERE IN THE DOCUMENTS. THE OWNER WILL GRANT NO ADDITIONAL TIME OR COST FOR CONSEQUENCES THAT MAY RESULT.
18. PROVIDE SIGNAGE FOR BUILDING IDENTIFICATION ON THE PUBLIC AND/OR PREDOMINANT SIDE OF THE BUILDING. SEE FLOOR PLAN AND ELEVATION FOR LOCATION. LETTERING SHALL BE MOUNTED ON A CONTRASTING BACKGROUND AND BE VISIBLE 24-HR PER DAY. SUBMIT ALL SIGNAGES TO LOCAL JURISDICTION HAVING AUTHORITY FOR APPROVAL PRIOR TO INSTALLATION.
19. SIGNS, LOCATION, NUMBER AND SIZE ARE NOT APPROVED UNDER THIS BUILDING PERMIT. A SEPARATE SIGN LOCATION PERMIT IS REQUIRED FOR EACH AND ALL SIGNS AND SIGNAGE.
20. A SIGN CLEARLY STATING THAT SMOKING IS PROHIBITED SHALL BE CONSPICUOUSLY POSTED WITHIN EACH BUILDING AND AT EACH BUILDING ENTRANCE FOR COMPLIANCE WITH LOCAL CLEAN INDOOR AIR ORDINANCE. ACCEPTABLE SIGNS SHALL DISPLAY EITHER "NO SMOKING" OR THE INTERNATIONAL "NO SMOKING" SYMBOL (CONSISTING OF A PICTORIAL REPRESENTATION OF A BURNING CIGARETTE ENCLOSED IN A RED CIRCLE WITH A RED BAR ACROSS IT).
21. THE FLOOR LEVEL ON BOTH SIDES OF ALL DOORS SHALL BE LEVEL FOR THE WIDTH OF THE DOOR.
    THE EXTERIOR SLAB AT EXTERIOR DOORS SHALL BE ¼" BELOW INTERIOR SLAB.
22. PROVIDE 6" H LETTERS TO ID. EACH BUILDING ON THE PUBLIC/PREDOMINANT SIDE OF THE BUILDING. LETTER SHALL BE MOUNTED ON A CONTRASTING BACKGROUND AND BE VISIBLE 24-HR PER DAY
23. CONTRACTORS REQUESTING INSPECTIONS SHALL SUBMIT AFFIDAVITS ON DEPT SUPPLIED FORMS 2 DAYS PRIOR TO DATE OF REQUESTED INSPECTION.
24. CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS, FEES, AND COORD. WITH ALL JURISDICTIONS HAVING AUTHORITY.
25. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL STAMPS AND DESIGN CERTIFICATION FOR PRE-MANUFACTURER BUILDING STRUCTURE, FOUNDATION AND CONNECTIONS.

CODE REVIEW

SCOPE OF WORK: NEW PAVILION

1. APPLICABLE CODES

- 2018 INTERNATIONAL BUILDING CODE (IBC), WITH GEORGIA STATE AMENDMENTS (2020)
- 2018 INTERNATIONAL PLUMBING CODE, WITH GEORGIA STATE AMENDMENTS (2020)
- 2018 INTERNATIONAL MECHANICAL CODE, WITH GEORGIA STATE AMENDMENTS (2020)
- 2018 INTERNATIONAL FUEL GAS CODE, WITH GEORGIA STATE AMENDMENTS (2020)
- 2017 NFPA 70 NATIONAL ELECTRICAL CODE
- 2015 INTERNATIONAL ENERGY CONSERVATION CODE, GEORGIA SUPPLEMENTS AND AMENDMENTS (2020)
- CHAPTER 120-3-3 RULES AND REGULATIONS FOR THE STATE MINIMUM FIRE SAFETY STANDARDS
- 2018 INTERNATIONAL FIRE CODE
- 2018 NFPA 101 LIFE SAFETY CODE (LSC) WITH GEORGIA STATE FIRE MARSHAL AMENDMENTS.
- GEORGIA ACCESSIBILITY CODE CHAPTER 120-3-20 (.01-08) - 2010 ADA STANDARD FOR ACCESSIBLE DESIGN.

2. OCCUPANCY GROUP

- PAVILION: GROUP A "ASSEMBLY" OCCUPANCY LESS CONCENTRATED USE

3. CALCULATED OCCUPANT LOAD (IBC 1004 & TABLE 1004.1.2; LSC TABLE 7.3.1.2) AND NUMBER OF EXITS (LSC 7.4)

OCCUPANT LOAD FACTOR: 15 S.F. PER PERSON

- TOTAL OCCUPANTS: 733 S.F. @ 15 S.F. PER PERSON = 49 PERSONS

4. TYPE OF CONSTRUCTION (IBC CH. 6)

PAVILION: TYPE V-B (UN-PROTECTED / NON-SPRINKLER)

5. FIRE RATING (IBC TABLE 601/602; LSC 8.2.1.2)

BUILDING ELEMENT	REQUIRED	ACTUAL
• STRUCTURAL FRAME	0	0
• BEARING WALL-EXT. (TABLE 602), SUPPORT ROOF ONLY	0	0
• BEARING WALL-INTERIOR; SUPPORT ROOF ONLY	0	0
• NONBEARING WALL-EXTERIOR; SUPPORT ROOF ONLY	0	0
• NONBEARING WALL-INTERIOR	0	0
• ROOF CONSTRUCTION; SUPPORT ROOF ONLY	0	0
• ROOF-CEILING ASSEMBLY	0	0

6. BUILDING AREA / HEIGHT (IBC TABLE 506.2)

OCCUPANCY TYPE	ALLOWED	ACTUAL
BUILDING - PAVILION:	9,000 SF/40 FT-2 STORIES	0 SF (ENCLOSED BLDG) 733 SF (AREA UNDER ROOF) ± 10'-2" HIGH -1 STORY

7. MEANS OF EGRESS

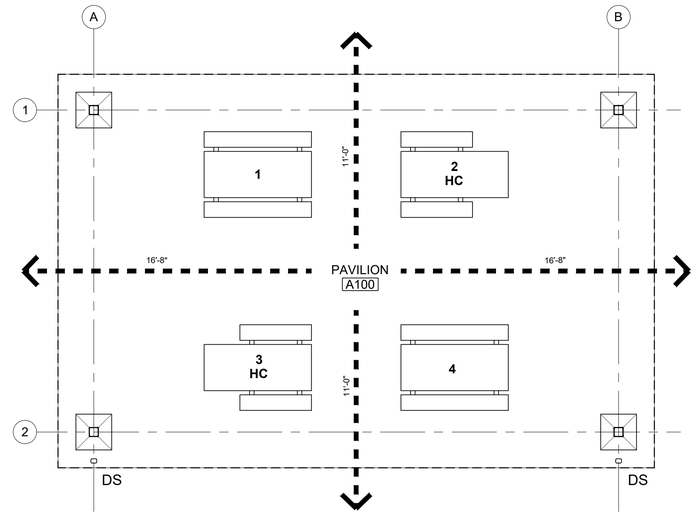
- OPEN PAVILION, DIRECT EGRESS

8. FIRE PROTECTION

- FIRE ALARM SYSTEM NOT REQUIRED (LSC 38.3.4.1)
- NOT SPRINKLERED

9. ROOF COVERINGS

- CLASS C MIN. FOR CONSTRUCTION TYPE VB (IBC TABLE 1505.1)
- ACTUAL = STANDING SEAM METAL ROOFING TO COMPLY WITH 1507.2



1 A2.1A FLOOR PLAN 1/4" = 1'-0"

NORTH

LIFE SAFETY LEGEND

4'-0" — ROOM TRAVELING FROM MAXIMUM TRAVEL DIST. TO OUTSIDE BUILDING

ABBREVIATIONS

A.B. - ANCHOR BOLTS
ABV. - ABOVE
A.C.T. - ACOUSTICAL CEILING TILE
AD - AREA DRAIN
ADA - AMERICANS WITH DISABILITIES ACT
A.F.F. - ABOVE FINISHED FLOOR
ALUM. - ALUMINUM

BD - BOARD
BLDG. - BUILDING
BLKG. - BLOCK(ING)
BOTT. - BOTTOM

CC - CENTER TO CENTER
CJ - CONTROL JOINT
CL- CENTER LINE
CLG. - CEILING
CMU - CONCRETE MASONRY UNIT
CONC. - CONCRETE
CONSTR. - CONSTRUCTION
CONT. - CONTINUOUS
COORD. - COORDINATE
COL. - COLUMN

D.F. - DRINKING FOUNTAIN
D.S. - DOWNSPOUT
DTL - DETAIL

EA. - EACH
EJT - EXPANSION JOINT
ELEC. - ELECTRICAL
ENG. - ENGINEERED
EQP. - EQUIPMENT
EQ. - EQUAL
E.W.C. - ELECTRIC WATER COOLER
EXT. - EXTERIOR

FC. - FIBER CEMENTITIOUS
FD - FLOOR DRAIN
FE - FIRE EXTINGUISHER
FFE. - FINISHED FLOOR ELEVATION
FG - FIBER GLASS
FIN. - FINISH
FL. - FLOOR
FLUOR. - FLUORESCENT
FRMG. - FRAMING
FS - FLOOR SINK
FT. - FEET
FTG. - FOOTING
F-TRTD - FIRE TREATED
FIXT. - FIXTURE

GB - GLASS BLOCK
GSQ. FT. - GROSS SQUARE FEET
GYP. - GYPSUM

HC - HANDICAPPED
HM - HOLLOW METAL
HORIZ. - HORIZONTAL

INSUL. - INSULATED

JST. - JOIST
JT. - JOINT

KB. - KNOXBOX

MANUF. - MANUFACTURER
MATL. - MATERIAL
MAX. - MAXIMUM
MECH. - MECHANICAL
MIN. - MINIMUM
MO - MASONRY OPENING
MTD. - MOUNTED

N.I.C. - NOT IN CONTRACT
N.T.S. - NOT TO SCALE

O.C. - ON CENTER
O.F.C.I. - OWNER FURNISHED, CONTRACTOR INSTALLED**
O.F.O.I. - OWNER FURNISHED, OWNER/VENDOR INSTALLED
O.F.E. - OWNER FURNISHED EQUIPMENT
OPP. - OPPOSITE

PAR. - PARALLEL
PEMB. - PRE-ENGINEERED METAL BUILDING
PERP. - PERPENDICULAR
PLYWD. - PLYWOOD
PT. - PRESSURE TREATED
PTD. - PAINTED
RCP - REFLECTED CEILING PLAN
REQ'D. - REQUIRED
REINF. - REINFORCING

SHT. - SHEET
SIM. - SIMILAR
SQ. - SQUARE
SS - STANDING SEAM
SST. - STAINLESS STEEL
STL. - STEEL
STRUC. - STRUCTURE
SYP. - SOUTHERN YELLOW PINE

T&G - TONGUE AND GROOVE
T.O. - TOP OF
TEMP. - TEMPERED
TLT. - TOILET
TRT'D - TREATED
TYP. - TYPICAL

U.G. - UNDERGROUND
U.N.O. - UNLESS NOTED OTHERWISE

VERT. - VERTICAL
V.C.T. - VINYL COMPOSITION TILE

W/ - WITH
W/O - WITHOUT
WC - WATER CLOSET
WD. - WOOD
WH - WATER HEATER

** ALWAYS IMPLIED UNLESS NOTED OTHERWISE

LEGEND GRAPHICS SYMBOLS

4.1 — COLUMN LINE
9'-4" — DIMENSION LINE (NOMINAL, UNO)
DOOR / 01 / DOOR NUMBER — DOOR TAG (REFER TO A8.1)
WINDOW / AA / WINDOW DESIGNATION — WINDOW TAG (REFER TO A8.2)
X / XX.X — DETAIL SECTION REFERENCE CUT
X / XX.X — WALL SECTION REFERENCE CUT
X / XX.X — BUILDING SECTION REFERENCE CUT
X / XX.X — EXT. ELEVATION REFERENCE
X / XX.X — INT. ELEVATION REFERENCE
14 — PLAN KEYNOTE
A0 — EXTERIOR ELEVATION KEYNOTE
1 — TOILET ACCESSORIES
A — CONCESSION EQUIPMENT
BENCH MARK
A00 — SIGNAGE (ROOM AND BLDG)
X / AX.XX — LARGE SCALE DETAIL REFERENCE MARK
2 — REVISION
SLOPED FLOOR WITH FLOOR DRAIN
ROOM NAME / ROOM # — ROOM NAME AND NUMBER

STATE OF GEORGIA
SEAN CHRISTOPHER SUTH
CERTIFICATE NO. RA027688
REGISTERED ARCHITECT
10.21.2021

LANGFORD PARK IMPROVEMENTS
ARCHITECTURAL - BUILDING A - PAVILION
CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT
CITY OF BROOKHAVEN GEORGIA

REVISIONS		
NO.	DATE	COMMENTS
PERMIT SET		

SHEET TITLE
GENERAL NOTES, ABBREVIATIONS, LEGEND GRAPHICS SYMBOLS, CODE REVIEW

PROJECT NO.	DATE
20180	10/21/2021
DRAWN BY: LWS	SCALE: AS NOTED
CHECKED BY: SG	

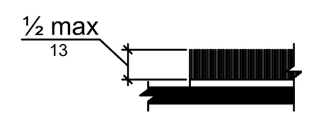
SHEET NO.
A0.1A

CHAPTER 3 2010 BUILDING BLOCKS

NOTE: ADA STANDARDS ARE PROVIDED AS REFERENCE. ALL BUILDING COMPONENTS MUST COMPLY WITH ALL ADA GUIDELINES. REFER TO 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN PUBLICATION FOR ADDITIONAL INFORMATION.

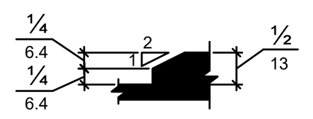
CONVENTION	DESCRIPTION
36 / 915	dimension showing English units (in inches unless otherwise specified) above the line and SI units (in millimeters unless otherwise specified) below the line
6 / 150	dimension for small measurements
33" - 36" / 840 MM -915 MM	dimension showing a range with minimum - maximum
min	minimum
max	maximum
>	greater than
≥	greater than or equal to
<	less than
≤	less than or equal to
	boundary of clear floor space or maneuvering clearance
℄	centerline
	a permitted element or its extension
	direction of travel or approach
	a wall, floor, ceiling or other element cut in section or plan
	a highlighted element in elevation or plan
	location zone of element, control or feature

1 A0.2 GRAPHIC CONVENTION FOR FIGURES
SCALE: 1/2" = 1'-0" FIGURE 104 CH 1

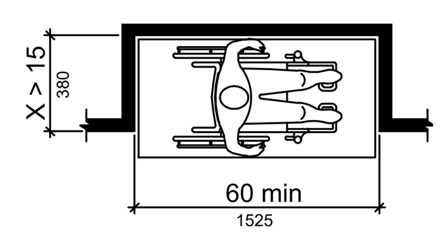


2 A0.2 CARPET PILE HEIGHT
SCALE: 1 : 3 FIGURE 302.2

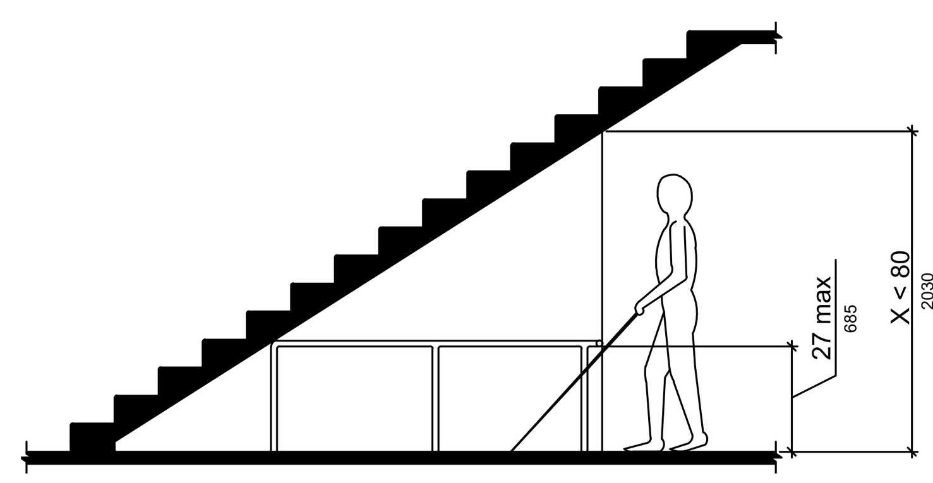
3 A0.2 VERTICAL CHANGE IN LEVEL
SCALE: 1 : 3 FIGURE 303.2



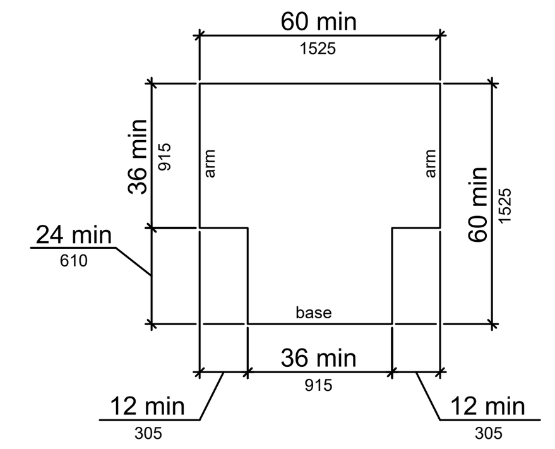
4 A0.2 BEVELED CHANGE IN LEVEL
SCALE: 1 : 3 FIGURE 303.3



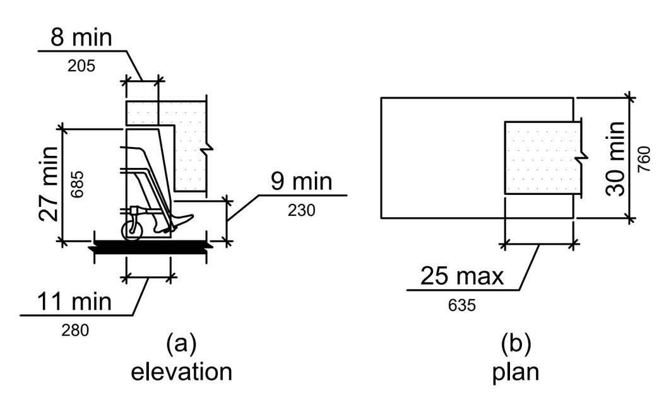
9 A0.2 MANEUVERING CLEARANCE IN AN ALCOVE, PARALLEL APPROACH
SCALE: 1/4" = 1'-0" FIGURE 305.7.2



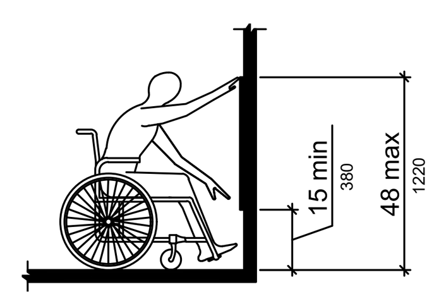
14 A0.2 VERTICAL CLEARANCE
SCALE: 1/4" = 1'-0" FIGURE 307.4



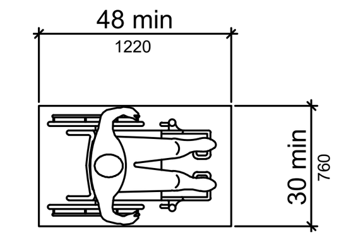
5 A0.2 T-SHAPED TURNING SPACE
SCALE: 1/4" = 1'-0" FIGURE 304.3.2



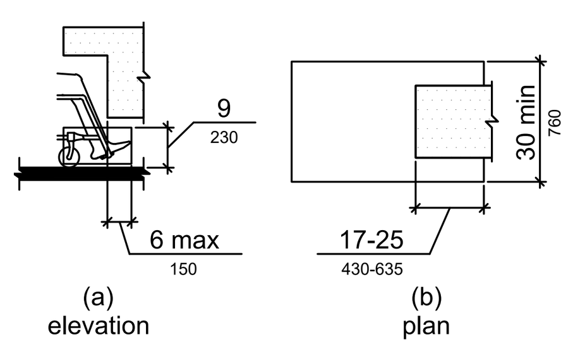
10 A0.2 KNEE CLEARANCE
SCALE: 1/4" = 1'-0" FIGURE 306.2



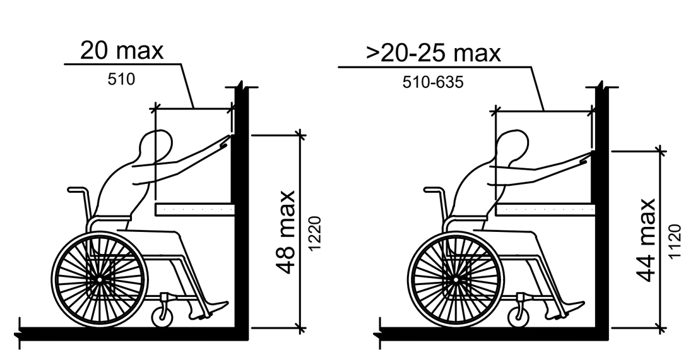
15 A0.2 UNOBSTRUCTED FORWARD REACH
SCALE: 1/4" = 1'-0" FIGURE 308.2.1



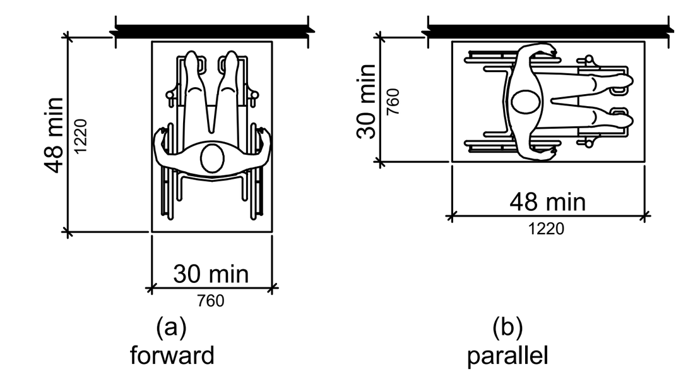
6 A0.2 CLEAR FLOOR OR GROUND SPACE
SCALE: 1/4" = 1'-0" FIGURE 305.3



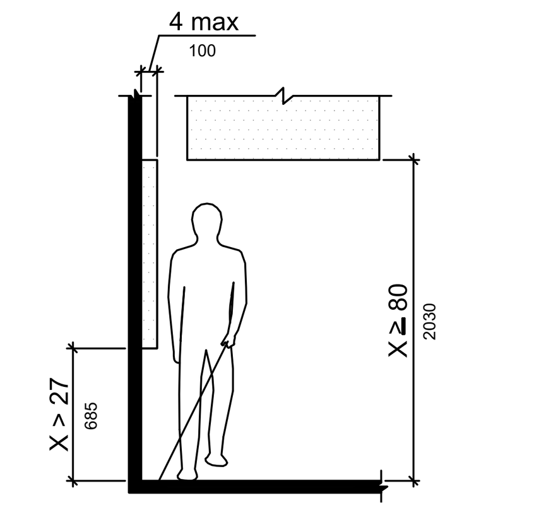
11 A0.2 TOE CLEARANCE
SCALE: 1/4" = 1'-0" FIGURE 306.3



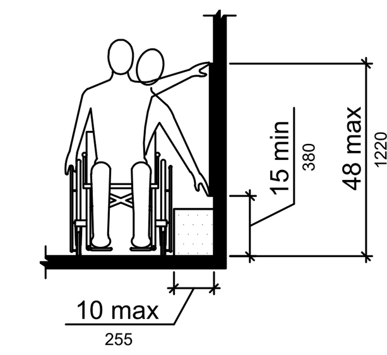
16 A0.2 OBSTRUCTED HIGH FORWARD REACH
SCALE: 1/4" = 1'-0" FIGURE 308.2.2



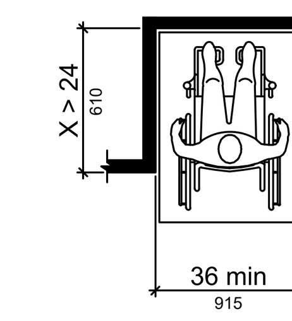
7 A0.2 POSITION OF CLEAR FLOOR OR GROUND SPACE
SCALE: 1/4" = 1'-0" FIGURE 305.5



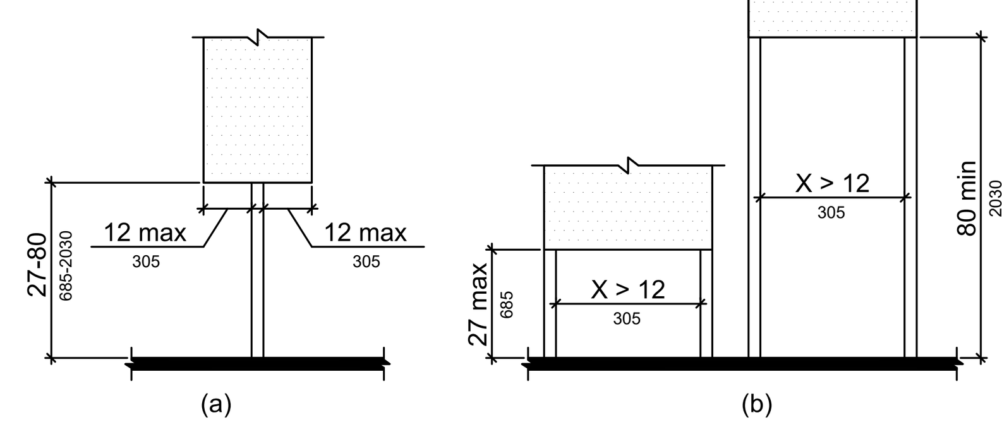
12 A0.2 LIMITS OF PROTRUDING OBJECTS
SCALE: 1/4" = 1'-0" FIGURE 307.2



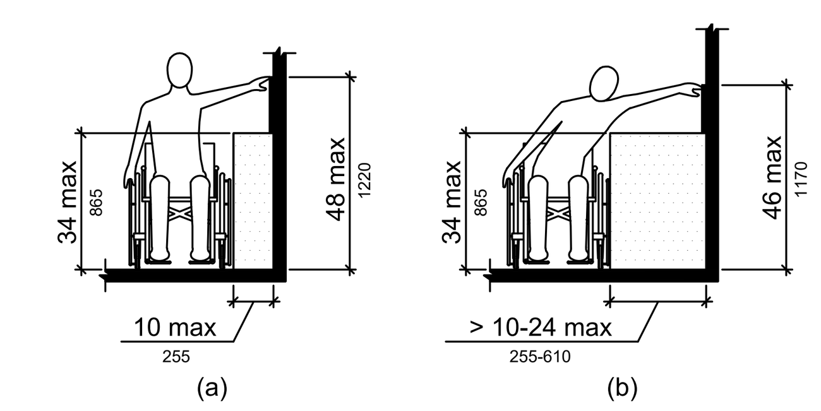
17 A0.2 UNOBSTRUCTED SIDE REACH
SCALE: 1/4" = 1'-0" FIGURE 308.3.1



8 A0.2 MANEUVERING CLEARANCE IN AN ALCOVE, FORWARD APPROACH
SCALE: 1/4" = 1'-0" FIGURE 305.7.1

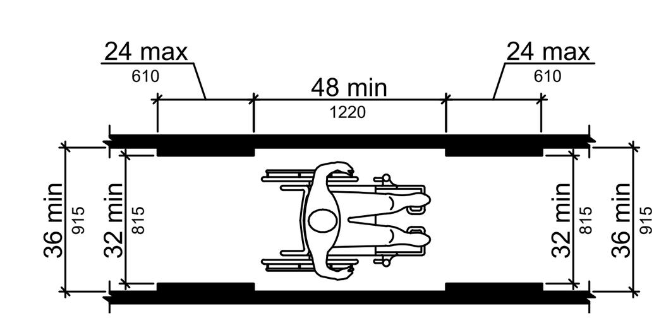


13 A0.2 POST-MOUNTED PROTRUDING OBJECTS
SCALE: 1/4" = 1'-0" FIGURE 307.3

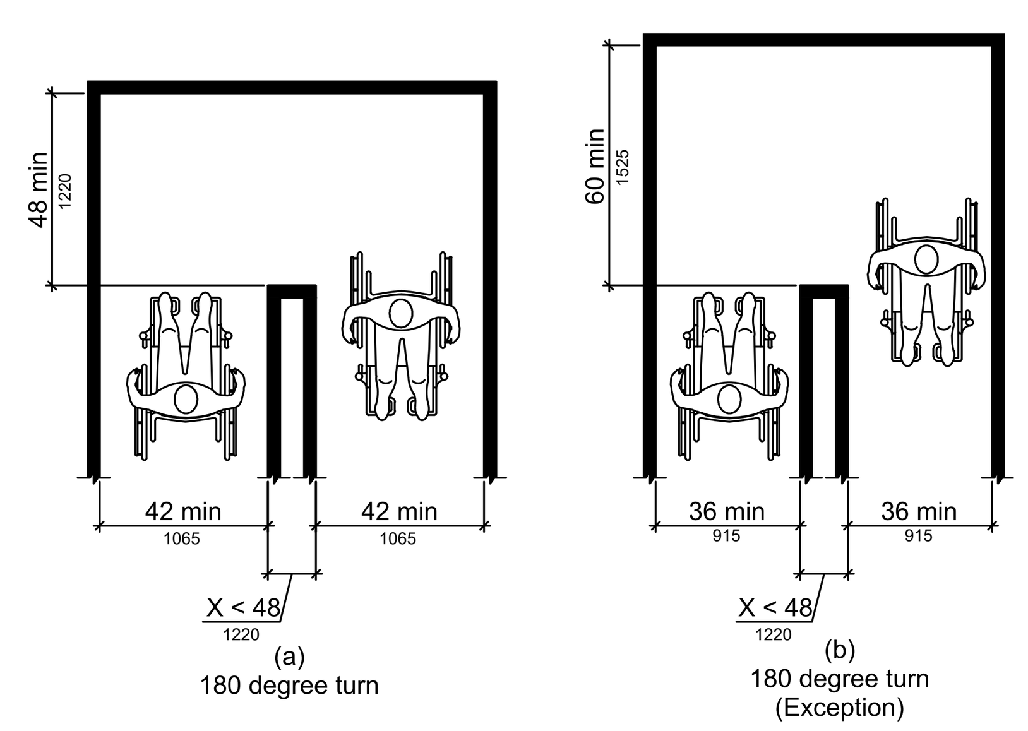


18 A0.2 OBSTRUCTED HIGH SIDE REACH
SCALE: 1/4" = 1'-0" FIGURE 308.3.2

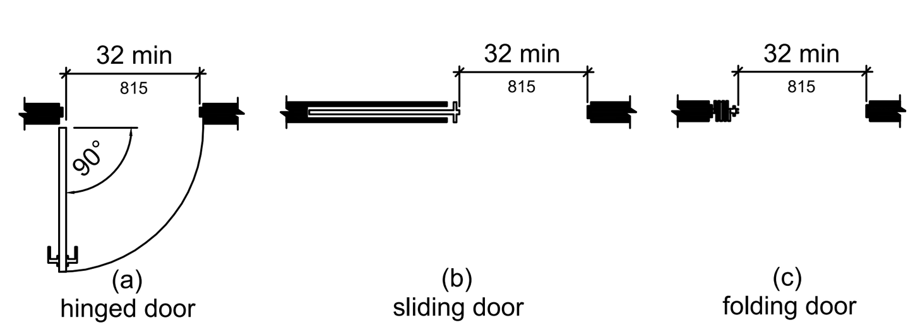
CHAPTER 4 2010 ACCESSIBLE ROUTES



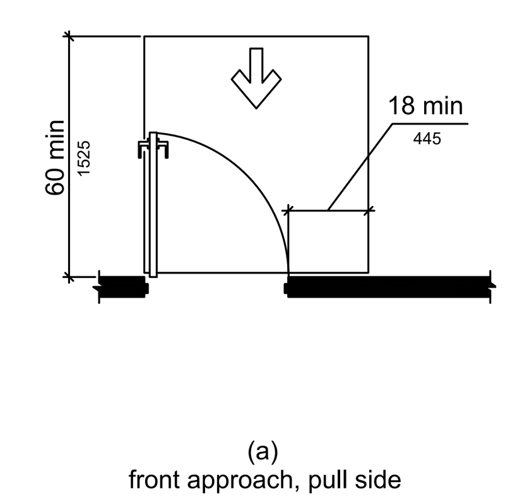
19 A0.2 CLEAR WIDTH OF AN ACCESSIBLE ROUTE
SCALE: 1/4" = 1'-0" FIGURE 403.5.1



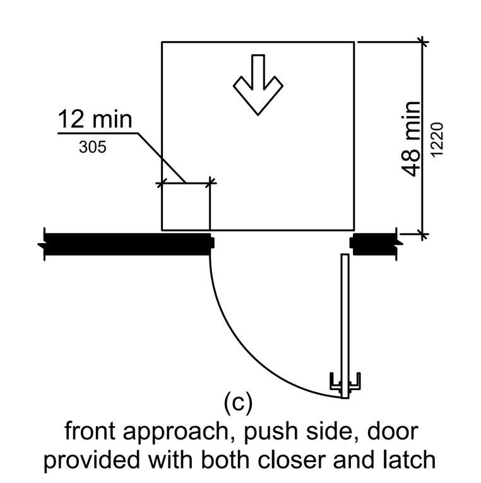
20 A0.2 CLEAR WIDTH AT TURN
SCALE: 1/4" = 1'-0" FIGURE 403.5.2



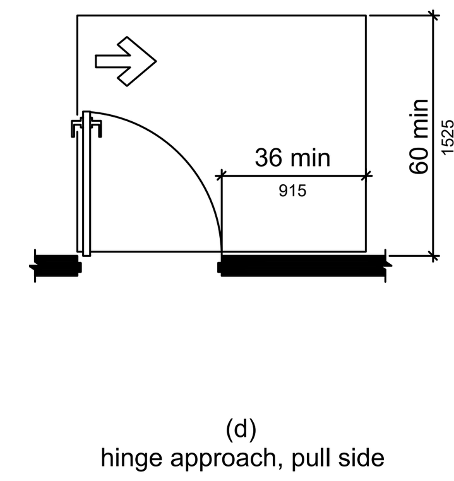
21 A0.2 CLEAR WIDTH OF DOORWAYS
SCALE: 1/4" = 1'-0" FIGURE 404.2.3



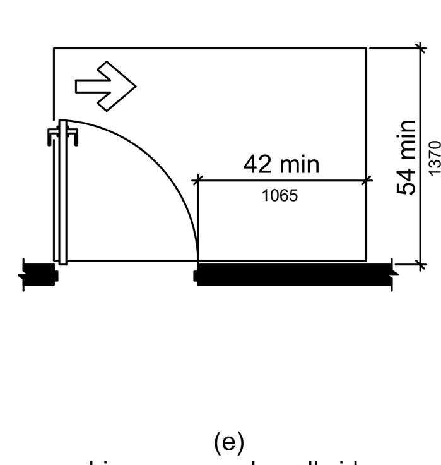
22 A0.2 MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS & GATES
SCALE: 1/4" = 1'-0" FIGURE 404.2.4.1



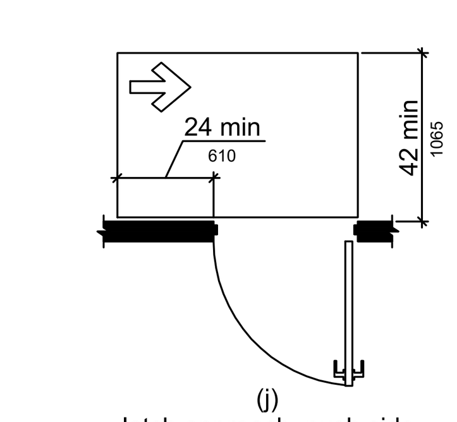
23 A0.2 MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS & GATES
SCALE: 1/4" = 1'-0" FIGURE 404.2.4.1



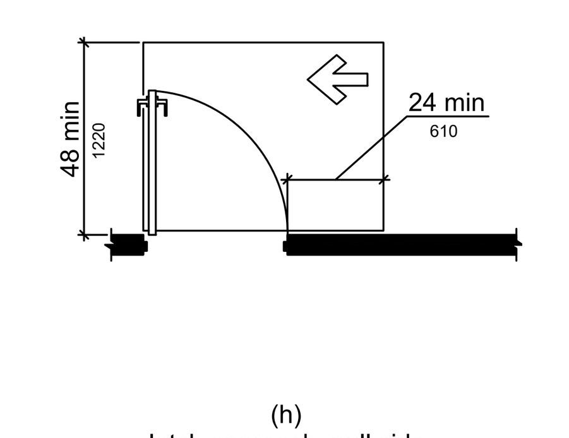
24 A0.2 MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS & GATES
SCALE: 1/4" = 1'-0" FIGURE 404.2.4.1



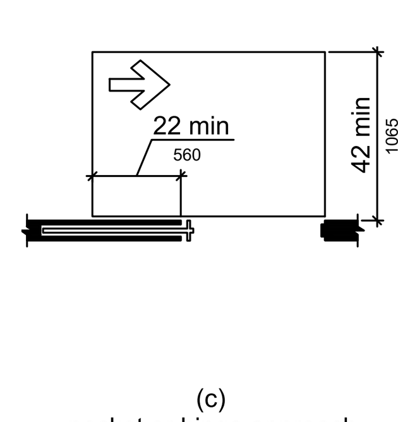
25 A0.2 MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS & GATES
SCALE: 1/4" = 1'-0" FIGURE 404.2.4.1



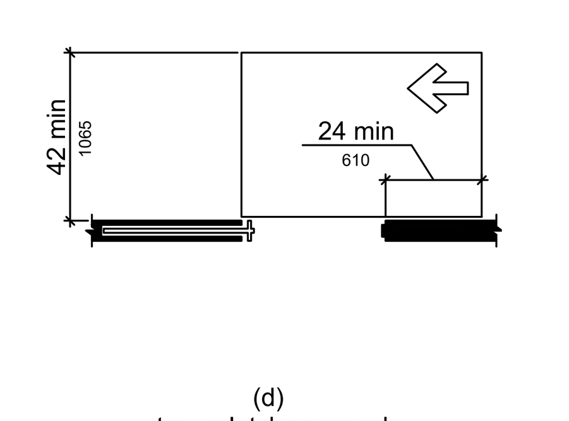
26 A0.2 MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS & GATES
SCALE: 1/4" = 1'-0" FIGURE 404.2.4.1



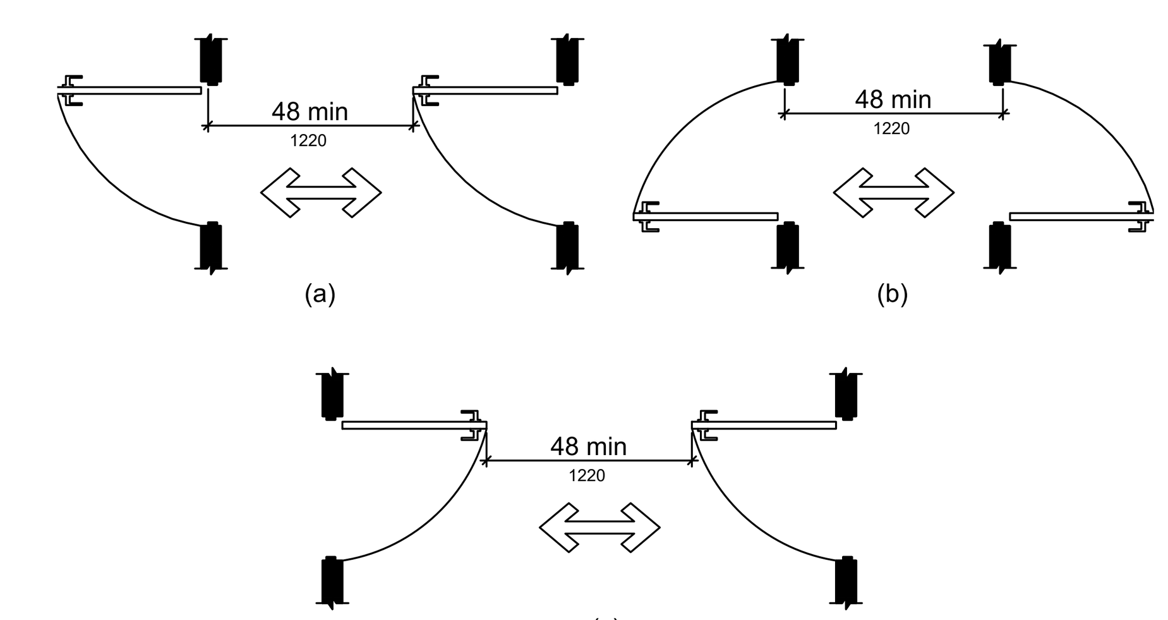
27 A0.2 MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS & GATES
SCALE: 1/4" = 1'-0" FIGURE 404.2.4.1



28 A0.2 MANEUVERING CLEARANCE AT SLIDING & FOLDING DOORS
SCALE: 1/4" = 1'-0" FIGURE 404.2.4.2



29 A0.2 MANEUVERING CLEARANCE AT SLIDING & FOLDING DOORS
SCALE: 1/4" = 1'-0" FIGURE 404.2.4.2



30 A0.2 DOORS IN SERIES & GATES IN SERIES
SCALE: 1/4" = 1'-0" FIGURE 404.2.6

LÖSE DESIGN SPACES FOR LIFE.

STATE OF GEORGIA
SEAN CHRISTOPHER GUTH
CERTIFICATE NO. RA016286
REGISTERED ARCHITECT
10.21.2021

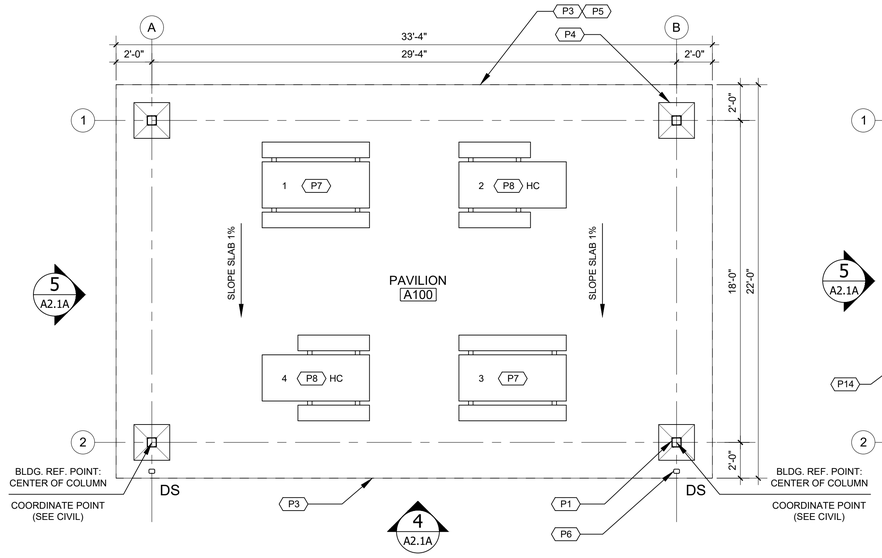
LANGFORD PARK IMPROVEMENTS
ARCHITECTURAL - BUILDING A - PAVILION
CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT
CITY OF BROOKHAVEN GEORGIA

REVISIONS		
NO.	DATE	COMMENTS

PERMIT SET

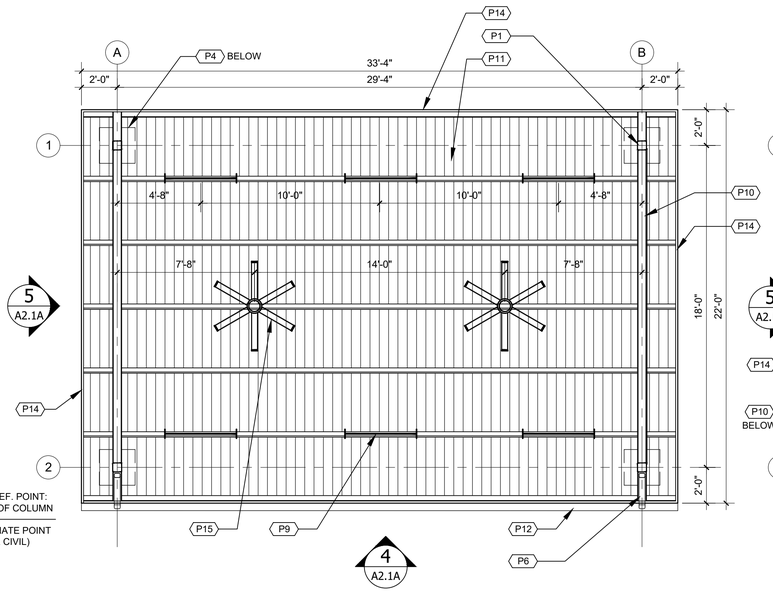
SHEET TITLE
ADA STANDARDS

PROJECT NO. 20180	DATE 10/21/2021
DRAWN BY LWS	SCALE AS NOTED
CHECKED BY SG	
SHEET NO.	A0.2A



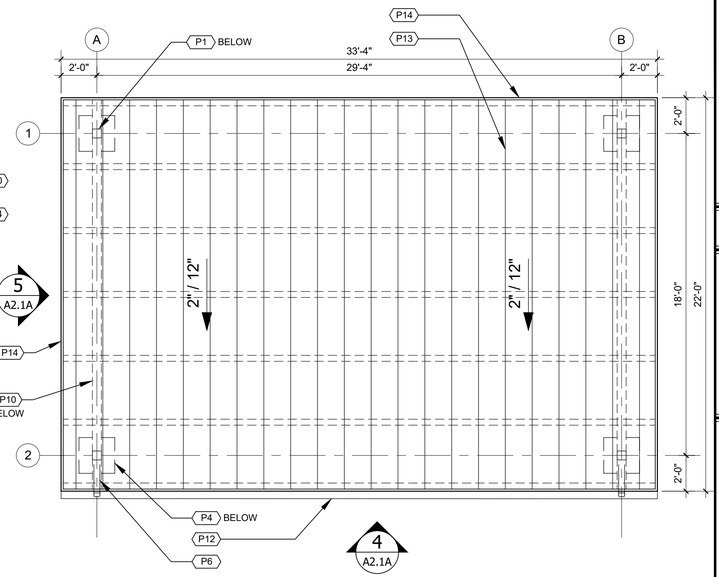
1 A2.1A FLOOR PLAN
1/4" = 1'-0"

NORTH



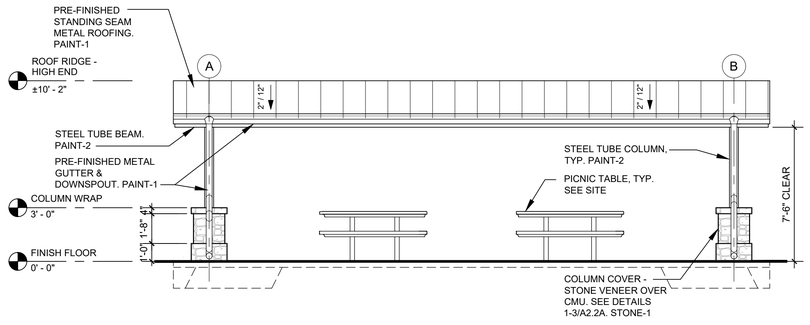
2 A2.1A REFLECTED CEILING PLAN
1/4" = 1'-0"

NORTH

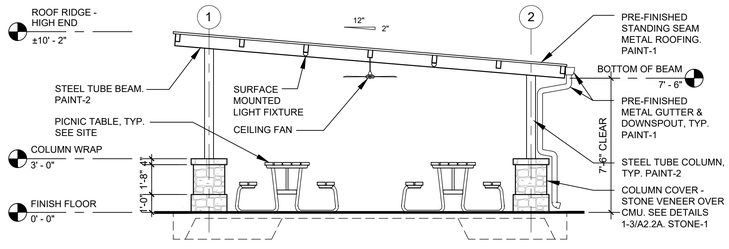


3 A2.1A ROOF PLAN
1/4" = 1'-0"

NORTH



4 A2.1A ELEVATION
1/4" = 1'-0"



5 A2.1A ELEVATION
1/4" = 1'-0"

BUILDING - A SQUARE FOOTAGE:	
TOTAL ENCLOSED AREA (GROSS):	0 GSF
TOTAL AREA UNDER ROOF:	733 SF

BUILDING 'A' IS A PRE-ENGINEERED STEEL TUBE PAVILION. ALL PARTS AND FINISHES ARE PROVIDED BY PAVILION MANUFACTURER U.N.O.
INSTALLATION OF ALL PARTS MUST BE IN STRICT ACCORDANCE OF PAVILION MANUFACTURER.
INSTALLER SHALL BE APPROVED BY PAVILION MANUFACTURER. SEE SPECIFICATIONS.

ALL EXPOSED STEEL AT PRE-ENGINEERED CANOPY TO BE POWDER-COATED FINISH BY PAVILION MANUFACTURER.

NO EXPOSED CONDUIT, RUN ALL CONDUIT INSIDE FRAMING, COORDINATE WITH ELECTRICAL.

PLANS KEYNOTES

- P1 STEEL TUBE COLUMN AND FRAME, SHOP PRIMED & PAINTED, REFER TO MANUFACTURE STANDARDS FOR DETAILS AND ATTACHMENTS. PROVIDED BY PAVILION MANUFACTURER. PAINT-2.
- P2 CONCRETE FOUNDATION, SEE STRUCTURAL. TYP. PROVIDED BY GC.
- P3 BROOM FINISH, SEALED, 4" CONCRETE SLAB, SLOPE 1% TO ONE DIRECTION. REFER TO CIVIL DRAWINGS FOR CONTINUATION OF SLAB. SEE SITE FOR SLAB DETAILS AND JOINTS. INSTALL JOINTS AROUND COLUMNS AS RECOMMENDED BY ENGINEER. - SEE STRUCTURAL
- P4 STONE COLUMN BASE WRAP, TYP. SEE DETAILS 1-3/A2.2A. STONE-1
- P5 ROOF OUTLINE ABOVE, TYP.
- P6 PRE-FINISHED DOWNSPOUT, TYP. PAINT-1
- P7 PICNIC TABLE, TYP. SEE SITE DWGS. & SPECS.
- P8 ADA PICNIC TABLE. SEE SITE DWGS. & SPECS.
- P9 SURFACE MOUNTED LIGHT FIXTURE, TYP. CONCEAL CONDUIT IN STRUCTURAL FRAME, COORDINATE ELECTRICAL W/ PAVILION MANUFACTURER - SEE ELEC. DWGS. NO EXPOSED CONDUIT.
- P10 STEEL TUBE BEAM, TYP. SHOP PRIMED & PAINTED, REFER TO MANUFACTURE STANDARDS FOR DETAILS AND ATTACHMENTS. PROVIDED BY PAVILION MANUFACTURER. PAINT-2.
- P11 SYP (SOUTHERN YELLOW PINE) T&G WOOD CEILING. STAIN-1
- P12 PRE-FINISHED METAL GUTTER. PAINT-1
- P13 PRE-FINISHED STANDING SEAM METAL ROOFING, COLOR: PAINT-1, SEE FINISH SCHEDULE & SPEC. FACTORY PRIMER WHITE ON UNDERSIDE OF METAL ROOF.
- P14 PRE-FINISHED METAL FLASHING W/ DRIP-EDGE AND CONT. KEEPER/CLEAT, CONT. TO UNDERSIDE OF 2X6 FASCIA BOARD, TYP. PAINT-1.
- P15 CEILING FAN WITH LIGHT, TYP. SEE ELECTRICAL. NO EXPOSED CONDUIT.

FINISH SCHEDULE

PAINT	MFR./MAT.	COLOR	TYPE	FINISH	NOTES
PAINT - 1	KYNAR 500	TBD	PDVF		PREFINISH, EXTERIOR
PAINT - 2	POLIGON ANTIQUITY FINISH	RUSTIC BROWN	HOT-DIP GALV.		PREFINISH, EXTERIOR
STAIN-1	SW - SEMI TRANSPARENT	SW 3512 CIDER MILL	OIL BASED	SEMI-GLOSS	EXTERIOR
STONE-1		GEORGIA BLUE GRANITE	ASHLAR	SEALED	EXTERIOR

FINISH NOTES

1. NUMBER DENOTES COLOR
2. SEE SPECS FOR PRIMER AND FINISH SYSTEMS

GENERAL NOTES

1. CONSTRUCTION DRAWINGS TO BE SUBMITTED BY GC. FOR APPROVAL. DRAWINGS SHALL BE OBTAINED FROM THE PAVILION MANUFACTURER.
2. ALL DIMENSIONS TO BE VERIFIED WITH CONSTRUCTION DRAWINGS FROM PAVILION MANUFACTURER.
3. ELEVATION MARKS TO BE VERIFIED WITH CONSTRUCTION DRAWINGS FROM PAVILION MANUFACTURER.
4. ARCHITECTURAL BUILDING FFE. LISTED AS 0'-0", COORDINATE ACTUAL W/ CIVIL.
5. COORDINATE ALL ELECTRICAL CONDUITS AND JUNCTION BOXES W/ PAVILION MANUFACTURER. CONCEAL CONDUITS INSIDE STRUCTURAL FRAME FOR MINIMUM VISIBLE EXPOSURE. PAINT ANY EXPOSED CONDUIT TO MATCH COLOR OF ADJACENT SURFACE.
6. COORDINATE ALL FOUNDATION REQUIREMENTS WITH PAVILION MANUFACTURER, SEE STRUCTURAL DRAWINGS
7. REFER TO SITE DRAWINGS FOR SITE FURNITURE PLACEMENT AND SPECIFICATIONS.
8. INSTALL PRE-ENGINEERED PAVILION TO COMPLY WITH MANUFACTURER'S INSTALLATION DETAIL TO MAINTAIN WARRANTY AS SPECIFIED.
9. THE PRE-ENGINEERED PAVILION SHALL COMPLY WITH ALL CURRENT BUILDING CODES.
10. THE PRE-ENGINEERED PAVILION INDICATED ON THIS SHEET IS FOR DESIGN INTENT ONLY. CONTRACTOR SHALL SUBMIT A COMPLETE FABRICATION AND ERECTION DRAWINGS WITH SPECIFIED MATERIAL, SIZES, CONNECTION DETAILS AND LOCATIONS FOR ALL STRUCTURAL ELEMENTS, INCLUDING ANCHORAGE TO FOUNDATION TO ADEQUATELY RESIST ALL APPLICABLE DESIGN LOADS. ALL DRAWINGS TO BEAR THE SEAL OF THE CORRESPONDING DESIGN PROFESSIONAL REGISTERED IN THE STATE OF GEORGIA WITH HANDWRITTEN SIGNATURE THERON.
11. ELECTRICAL OUTLETS MOUNTED ON STONE COLUMN COVER, SEE SHEET A2.2A. SEE ELECTRICAL DRAWINGS FOR ELECTRICAL OUTLET AND TIMER/PANEL LOCATION.

LOSE DESIGN
SPACES FOR LIFE.

STATE OF GEORGIA
SEAN CHRISTOPHER LOSE
CERTIFICATE NO. RA027898
10.21.2021
REGISTERED ARCHITECT

LANGFORD PARK IMPROVEMENTS
ARCHITECTURAL - BUILDING A - PAVILION

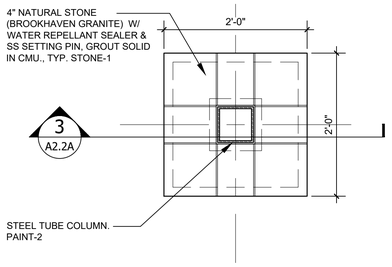
CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT
CITY OF BROOKHAVEN GEORGIA

REVISIONS		
NO.	DATE	COMMENTS
	PERMIT SET	

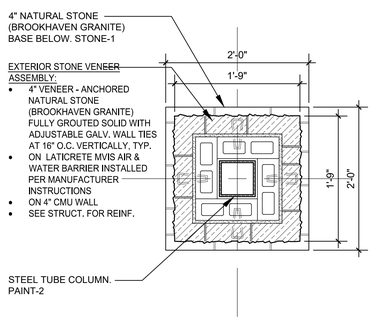
SHEET TITLE
PLANS, ELEVATION AND SECTION

PROJECT NO. 20180	DATE 10/21/2021
DRAWN BY LWS	SCALE AS NOTED
CHECKED BY SC	

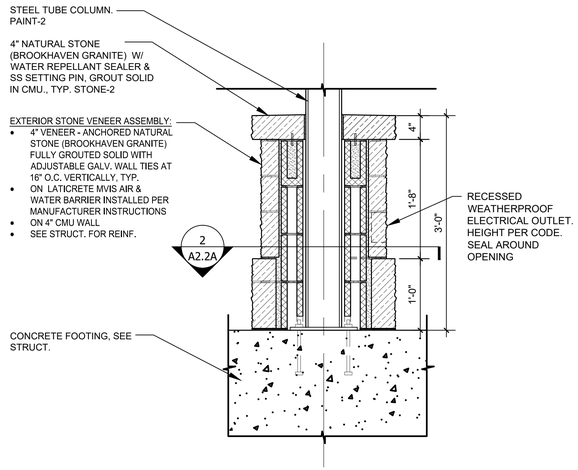
SHEET NO.
A2.1A



1 A2.2A TYPICAL COLUMN PLAN
1" = 1'-0"



2 A2.2A COLUMN PLAN DETAIL
1" = 1'-0"



3 A2.2A COLUMN SECTION DETAIL
1" = 1'-0"

LOSE DESIGN
SPACES FOR LIFE.

STATE OF GEORGIA
SEAN CHRISTOPHER LOSE
CERTIFICATE NO. RA027688
REGISTERED ARCHITECT
10.21.2021

LANGFORD PARK IMPROVEMENTS
ARCHITECTURAL - BUILDING A - PAVILION

CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT
CITY OF BROOKHAVEN GEORGIA

REVISIONS

NO.	DATE	COMMENTS

PERMIT SET

SHEET TITLE
DETAILS

PROJECT NO. 20180	DATE 10/21/2021
DRAWN BY LWS	SCALE AS NOTED
CHECKED BY SC	

SHEET NO.
A2.2A

STRUCTURAL SPECIAL INSPECTION SCHEDULES

THE STATEMENT OF SPECIAL INSPECTION IS SUBMITTED AS A CONDITION FOR PERMIT ISSUANCE IN ACCORDANCE WITH THE SPECIAL INSPECTION AND STRUCTURAL TESTING REQUIREMENTS OF THE BUILDING CODE. IT INCLUDES A SCHEDULE OF SPECIAL INSPECTION SERVICES APPLICABLE TO THIS PROJECT.

THE SPECIAL INSPECTOR SHALL KEEP RECORDS OF ALL INSPECTIONS AND SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROCESSIONAL IN RESPONSIBLE CHARGE. DISCOVERED DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF SUCH DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. THE SPECIAL INSPECTION PROGRAM DOES NOT RELIEVE THE CONTRACTOR OF HIS OR HER RESPONSIBILITIES.

INTERIM REPORTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.

A FINAL REPORT OF SPECIAL INSPECTIONS DOCUMENTING COMPLETION OF ALL REQUIRED SPECIAL INSPECTION, TESTING, AND CORRECTION OF AN DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED PRIOR TO ISSUANCE OF A CERTIFICATE OF USE AND OCCUPANCY. JOB SITE SAFETY AND MEAN AND METHODS OF CONSTRUCTION ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.

SPECIAL INSPECTION SCHEDULE: FABRICATORS

VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	FREQUENCY	
		CONTINUOUS	PERIODIC
1. VERIFY FABRICATION AND IMPLEMENTATION PROCEDURES:			
A. STEEL CONSTRUCTION – BRIDGES	N	--	--
B. CONCRETE CONSTRUCTION (INCLUDING REBAR FABRICATION)	N	--	--
C. WOOD CONSTRUCTION	N	--	--
D. COLD-FORMED METAL CONSTRUCTION	N	--	--
E. OTHER CONSTRUCTION	N	--	--

SPECIAL INSPECTION SCHEDULE: SOILS

VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	FREQUENCY	
		CONTINUOUS	PERIODIC
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	Y	--	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL	Y	--	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	Y	--	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	Y	X	--
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	Y	--	X

SPECIAL INSPECTION SCHEDULE: CAST-IN-PLACE FOUNDATION ELEMENTS

VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	FREQUENCY	
		CONTINUOUS	PERIODIC
1. SPECIAL INSPECTIONS AND VERIFICATIONS FOR CONCRETE FOUNDATION CONSTRUCTION IN ACCORDANCE WITH THE SPECIAL INSPECTION SCHEDULE			
A. ISOLATED SPREAD CONCRETE FOOTINGS	Y	--	X
B. CONTINUOUS CONCRETE FOOTINGS SUPPORTING WALLS	Y	--	X
C. CONCRETE FOUNDATION WALLS	Y	--	X

SPECIAL INSPECTION SCHEDULE: CONCRETE CONSTRUCTION

VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	FREQUENCY	
		CONTINUOUS	PERIODIC
1. INSPECTION OF REINFORCING STEEL, INCLUDING PLACEMENT.	Y	X	--
2. INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED.	Y	--	X
3. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.	Y	--	X
4. VERIFYING USE OF REQUIRED DESIGN MIX.	Y	--	X
5. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	Y	X	--
6. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	Y	--	X
7. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	Y	--	X

STRUCTUAL GENERAL NOTES

CODE INFORMATION

1. All construction shall conform to the 2018 INTERNATIONAL BUILDING CODE (IBC) with 2020 GEORGIA STATE AMENDMENTS.

2. 2018 IBC referenced standards to be used, as applicable:
   2.1. Load Criteria (dead, live, snow, wind, seismic) – ASCE 7-16
   2.2. Concrete Design – ACI 318-14
   2.3. Steel Design – AISC 360-10, AISC 341-16, Manual of Steel Construction, 15th Edition

GENERAL DESIGN INFORMATION

1. Verify existing conditions and dimensions. Immediately notify the engineer of record of any conditions which do not comply with plans and specifications. Structural drawings shall be coordinated with the civil drawings.

2. Contract documents shall not be reproduced for use as shop drawings.

3. The design adequacy of all temporary bracing and shoring is the sole responsibility of the contractor.

4. Refer to architectural, mechanical, plumbing, electrical, and civil drawings for locations of miscellaneous items (openings, bent plates, inserts, etc.) affecting structural work.

DESIGN LOADS

1. DEAD LOADS:
   1.1. Pavilion:
      1.1.1. Selfweight
      1.1.2. Miscellaneous: 3 psf (min)
   1.2. Shade Structures
      1.2.1. Selfweight
      1.2.2. Miscellaneous: 3 psf (min)

2. LIVE LOADS:
   2.1. Slab-on-grade: 100 psf
   2.2. Roofs: 20 psf (reducible per IBC)

3. SNOW LOADS:
   3.1. Ground snow load, Pg: 5 psf

4. WIND DATA (per ASCE 7):
   4.1. Basic Wind Speed (3-sec gust): Vult = 110 mph Vasd = 85 mph
   4.2. Risk Category: II
   4.3. Exposure Category: B

5. SEISMIC DATA (per ASCE 7):
   5.1. Risk Category: II
   5.2. Importance Factor: I = 1.0
   5.3. Mapped Spectral Response Accelerations:
      5.3.1. Ss = 0.192
      5.3.2. S1 = 0.087
   5.4. Site Class: D
   5.5. Spectral Response Coefficients:
      5.5.1. S_{ds} = 0.205
      5.5.2. S_{d1} = 0.139
   5.6. Seismic Design Category: C
   5.7. Basic Seismic Force Resisting System: Ordinary cantilevered steel columns
   5.8. Response Modification Coefficient: R = 1.25
   5.9. Seismic Response Coefficient: Cs = 0.164
   5.10. Base Shear: .85 kips (approximate. Prefabricated structure manufacturer to confirm)

SPECIAL INSPECTIONS AND TESTING

1. Per attached schedule, this sheet

STRUCTURAL OBSERVATIONS

1. The Structural Engineer of Record has not been employed to perform periodic visual observation of the structures during construction for general conformance to the contract design drawings.

FOUNDATION NOTES

1. The foundation design is based on the following assumptions. A geotechnical engineer shall be employed prior to the start of construction to investigate subsurface conditions. If the geotechnical report indicates these assumptions are incorrect, immediately notify the engineer of record.

2. Footings are designed to bear on uniform soils capable of supporting 2000 psf. Design assume differential and total settlements are within accepted tolerances for the type of construction used.

3. The soil bearing capacity and consistency shall be verified for the foundation limits by a professional geotechnical engineer registered in the project state when the foundation excavations have been carried down to the proposed elevations. The bottom of all footings shall be a minimum of 1'-6" below finished grade, unless noted otherwise

4. Where footing excavations are to remain open and may be exposed to rainfall, the excavations shall be undercut and a 3 inch thick mud mat of 2000 psi concrete shall be placed in the bottom to protect the soils.

REINFORCED CONCRETE

1. The design of all concrete work shall conform to ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".

2. Reinforcing steel shall be deformed bars meeting the requirements of ASTM A615, Grade 60.

3. The 28-day compressive strength of all cast-in-place concrete shall be:
   3.1. Footings independent of slabs-on-grade – 3000 psi
   3.2. – 4000 psi
   3.3. Retaining walls –4000 psi
   3.4. Site concrete – see Civil Drawings

4. All concrete shall be air-entrained.

5. Lap splices for reinforcing bars shall be as follows:

BAR SIZE	STD LAP	1.3 x STD LAP
4	24"	32"
5	32"	40"

   Use Std Lap lengths except when horizontal reinforcing has more than 12" of fresh concrete cast below it, then use 1.3 x Std Lap lengths.

6. Clear concrete cover for reinforcing steel shall be:
   6.1. Footings cast against soil or rock – 3"
   6.2. Footing cast against forms – 2"

7. Longitudinal reinforcing in footings shall be continuous around corners.

8. Mechanical vibrators shall be used to vibrate all concrete.

9. Concrete shall be sampled and tested in accordance with project specifications. A copy of all concrete compressive strength tests reports shall be kept at the job site at all times for review by the inspector.

LOSE DESIGN
SPACES FOR LIFE.

EMC
STRUCTURAL ENGINEERS, P.C.
4525 Trousdale Drive
Nashville, Tennessee 37204
(o) 615.781.8199
(f) 615.781.4088

EMC Project No. 21273

GEORGIA
NO. PEO37354
PROFESSIONAL ENGINEER
10-21-21
BENJAMIN B FARR

LANGFORD PARK IMPROVEMENTS
BUILDING A - PAVILION
CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT
CITY OF BROOKHAVEN

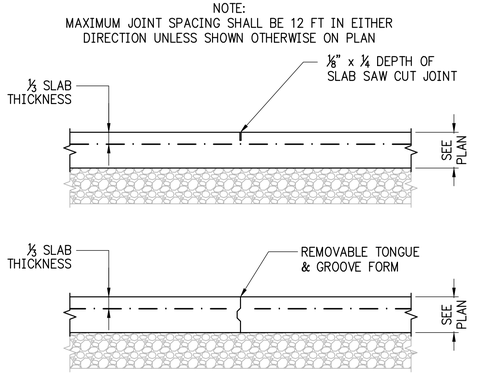
REVISIONS		
NO.	DATE	COMMENTS

PERMIT SET

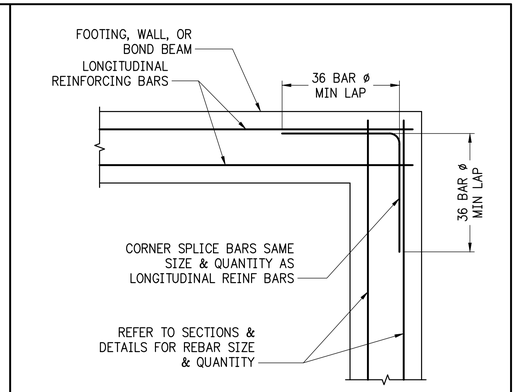
SHEET TITLE
PAVILION A
STRUCTURAL GENERAL NOTES
SPECIAL INSPECTION PLAN

PROJECT NO. 20180	DATE 10/21/2021
DRAWN BY EMC	SCALE
CHECKED BY EMC	

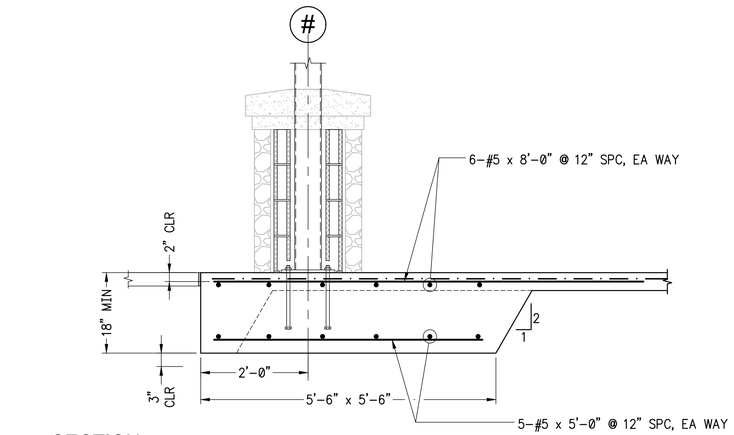
SHEET NO.
S0.1A



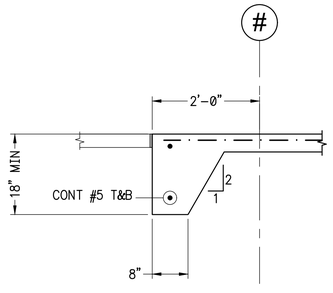
1 SLAB-ON-GRADE JOINTS
SCALE: NONE



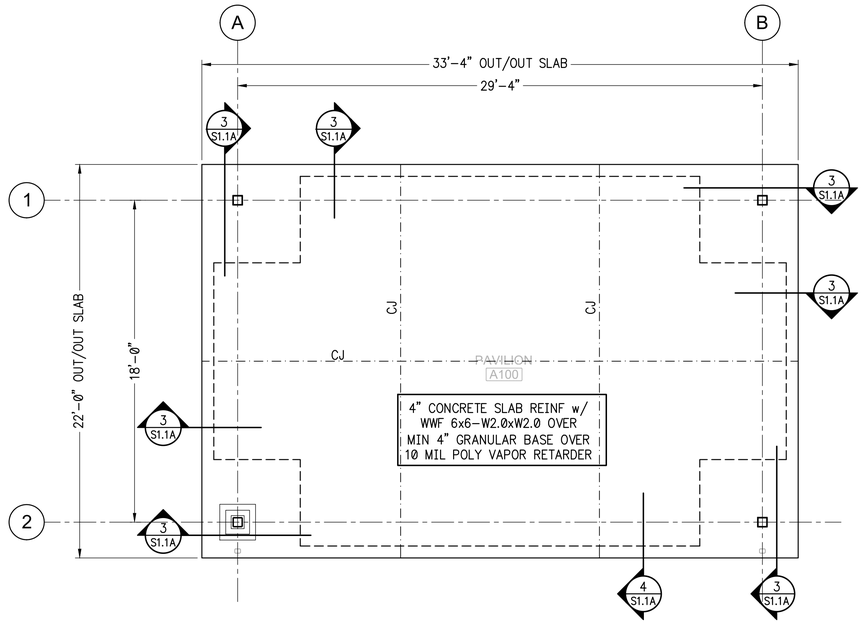
2 TYP CONTINUITY CORNER
SCALE: NONE



3 SECTION
SCALE: ¾" = 1'–0"



4 SECTION
SCALE: ¾" = 1'–0"



FOUNDATION PLAN - PAVILION A
SCALE: ¼" = 1'–0"

NOTES:

1. BOTTOM OF TURNDOWN SLAB & THICKENED SLAB FOOTINGS SHALL BE A MINIMUM OF 16" BELOW FINISHED GRADE.
2. CONTRACTOR SHALL COORDINATE ANY UNDERGROUND UTILITIES, CONDUITS, PIPES, ETC.
3. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND ELEVATIONS NOT SHOWN.

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EMC
STRUCTURAL ENGINEERS, P.C.
4525 Trousdale Drive
Nashville, Tennessee 37204
(o) 615.781.8199
(f) 615.781.4088

EMC Project No. 21273

GEORGIA
REGISTERED
037354
PROFESSIONAL
ENGINEER
10-21-21
BENJAMIN B FARR

LANGFORD PARK IMPROVEMENTS
BUILDING A - PAVILION
CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT
CITY OF BROOKHAVEN

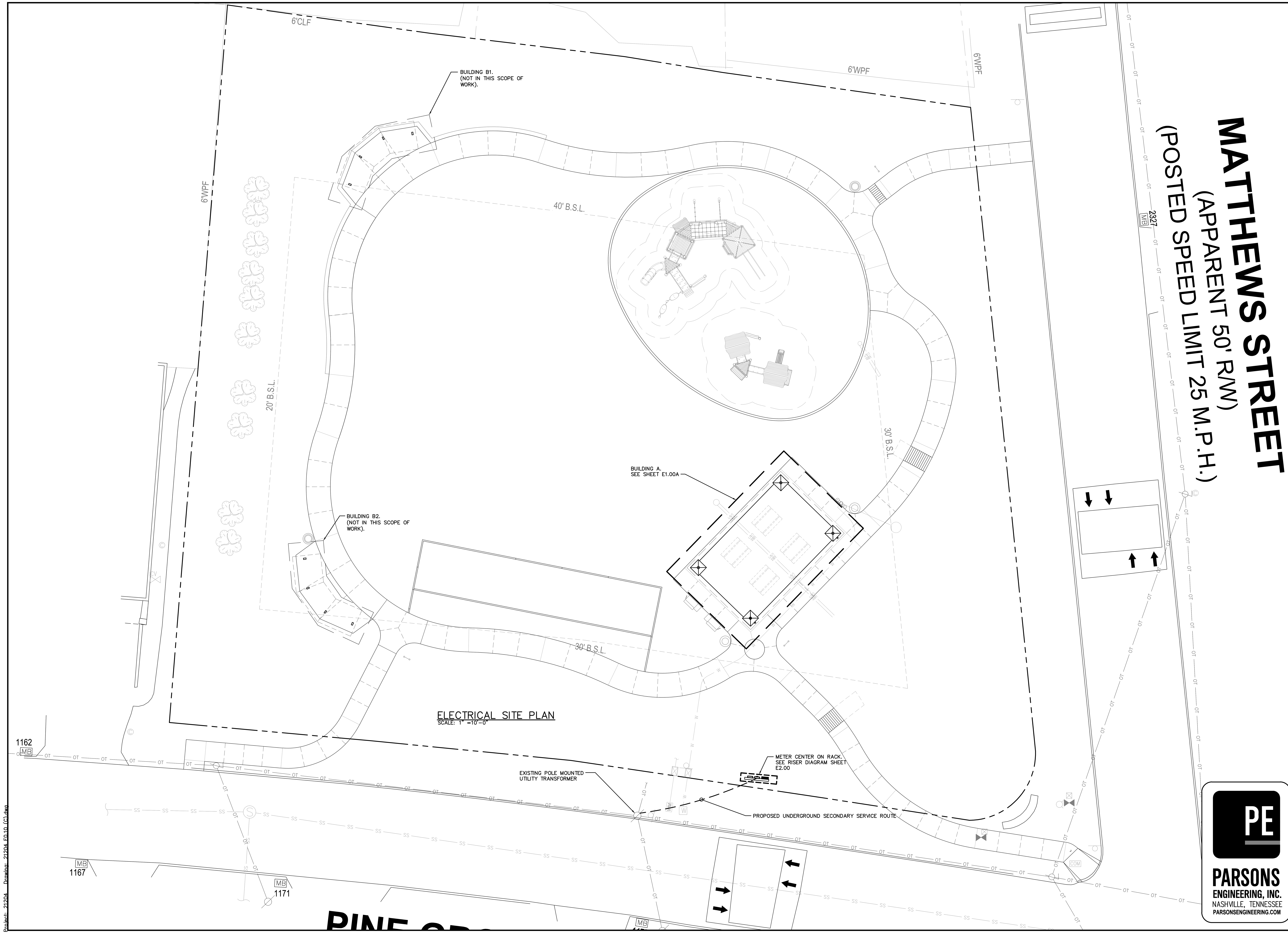
REVISIONS		
NO.	DATE	COMMENTS

PERMIT SET

SHEET TITLE
PAVILION A
FOUNDATION PLAN
SECTIONS & DETAILS

PROJECT NO. 20180	DATE 10/21/2021
DRAWN BY EMC	SCALE
CHECKED BY EMC	

SHEET NO.
S1.1A



ELECTRICAL SITE PLAN
SCALE: 1" =10'-0"

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NASHVILLE, TENNESSEE
PARSONSENGINEERING.COM

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED No. 027273 PROFESSIONAL ENGINEER ANTHONY J. PEZZI
10/21/21

LANGFORD PARK IMPROVEMENTS
ELECTRICAL - BUILDING A - PAVILION

CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT
CITY OF BROOKHAVEN
GEORGIA

REVISIONS

NO.	DATE	COMMENTS

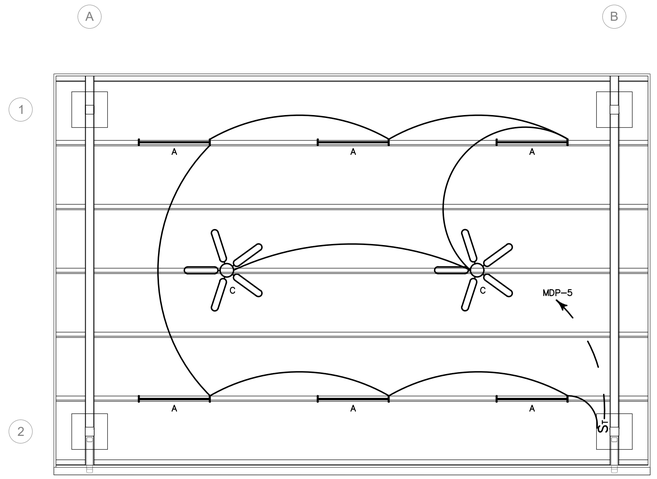
PERMIT SET

SHEET TITLE
ELECTRICAL SITE PLAN

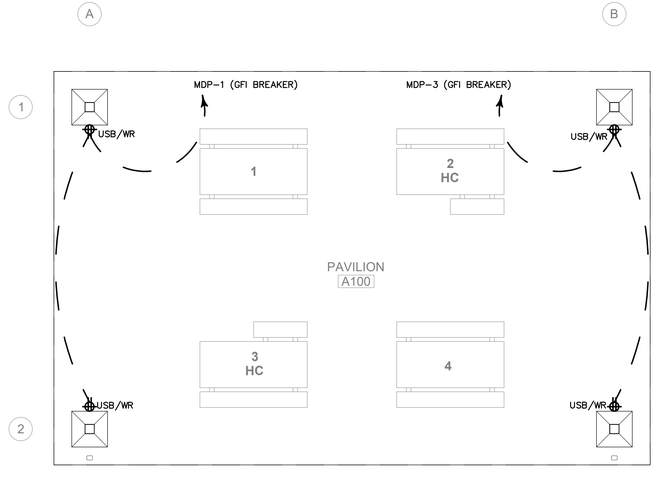
PROJECT NO. 20180	DATE 10/21/2021
DRAWN BY TAL	SCALE AS SHOWN
CHECKED BY AJP	

SHEET NO.
E0.10A

Project: 21204 Drawing: 21204 E0.10 (C).dwg



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



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

LOSE DESIGN
SPACES FOR LIFE.

REGISTERED
No. 035723
PROFESSIONAL
ENGINEER
ANTHONY J. PIZZA
10/21/21

LANGFORD PARK IMPROVEMENTS
ELECTRICAL - BUILDING A - PAVILION

CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT
CITY OF BROOKHAVEN
GEORGIA

REVISIONS

NO.	DATE	COMMENTS

PERMIT SET

SHEET TITLE
BUILDING A
LIGHTING AND
POWER PLAN

PROJECT NO.	DATE
20180	10/21/2021
DRAWN BY	SCALE
TAL	AS SHOWN
CHECKED BY	
AJP	

SHEET NO.
E1.00A

PE
PARSONS
ENGINEERING, INC.
NASHVILLE, TENNESSEE
PARSONSENGINEERING.COM

Project: 21204 Drawing: 21204 E1.0-E2.0 (1).dwg

ELECTRICAL LEGEND

MOUNTING HEIGHTS MEASURED TO ℄

COORDINATE WITH ARCHITECT/OWNER'S REP FOR CONFIRMATION OF DEVICE MOUNTING HEIGHT (NO HIGHER THAN 54" PER ADA) PRIOR TO ROUGH-IN. TYPICAL FOR ALL LIGHT SWITCHES (INCLUDING DIMMERS & OCCUPANCY/VACANCY SENSORS), BUTTON/CONTROL STATIONS AND FIRE ALARM PULL STATIONS WHERE APPLICABLE.

- CONDUIT RUN CONCEALED IN WALL, CEILING, OR FLOOR
- CONDUIT RUN, CONCEALED IN FLOOR OR UNDERGROUND
- HOMERUN TO PANEL INDICATED
- RECEPTACLE, DUPLEX, 120V, 15A. UNO, @ 18" AFF TO BOTTOM
- RECEPTACLE, DUPLEX, 120V, 15A. UNO, SMH
- USB RECEPTACLE, QUADRAPLEX, 120V, 15A. UNO, @ 18" AFF TO BOTTOM (1) USB TYPE A AND (1) USB TYPE C CHARGING PORTS @ 5.0A CAPACITY
- (J) JUNCTION BOX, SIZE AS REQUIRED
- S SWITCH, SINGLE POLE, 120/277V, 20A, 48" AFF TO TOP OF DEVICE.
- S_T TIMER SWITCH. SPRING WOUND. AUTO SHUT OFF. 120V, 20A SWITCH, NEMA 3R 30 MINUTE.
- LIGHTING FIXTURES SEE FIXTURE SCHEDULE
- (#) REFER TO GENERAL ELECTRICAL NOTE INDICATED
- SPD SURGE PROTECTIVE DEVICE

ABBREVIATIONS:

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
℄	CENTERLINE
CLG	CEILING
EX	EXISTING
GFI	GROUND FAULT INTERRUPTER
MTD	MOUNTED
SMH	SPECIAL MOUNTING HEIGHT (4" ℄ ABOVE CASEWORK/BACKSPLASH OR 45" ℄ AFF IF NO CASEWORK/BACKSPLASH)
UNO	UNLESS NOTED OTHERWISE
XFMR	TRANSFORMER
WP	WEATHERPROOF – WHILE IN USE
WR	WEATHERPROOF – WHITE NOT IN USE

GENERAL ELECTRICAL NOTES:

1. VISIT PROJECT SITE BEFORE SUBMISSION OF BID AND BECOME FAMILIAR WITH EXISTING CONDITIONS, LOCATIONS OF UTILITIES, AND EXTENT OF WORK REQUIRED.

2. COORDINATE INSTALLATION OF NEW SERVICE WITH LOCAL ELECTRIC UTILITY COMPANY. PROVIDE TRENCHING, CONDUIT, METER BASE, CONCRETE PAD, AND OTHER ITEMS AS REQUIRED. INSTALL SERVICE IN ACCORDANCE WITH CURRENT UTILITY COMPANY REQUIREMENTS.

3. COORDINATE INSTALLATION OF TELECOM SERVICE CONDUITS WITH LOCAL UTILITY COMPANIES. INSTALL A 2" CONDUIT FROM TELEPHONE SERVICE POINT TO NETWORK INTERFACE DEVICE.

4. VERIFY ELECTRICAL POWER REQUIREMENTS FOR ALL EQUIPMENT. PROVIDE CIRCUITS AND FUSES SIZED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.

5. PROVIDE DISCONNECT SWITCH FOR ANY HARDWIRED EQUIPMENT NOT SUPPLIED WITH DISCONNECTING MEANS. DISCONNECT SHALL BE RATED FOR LOCATION INSTALLED.

6. REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR LOCATIONS AND CONTROL REQUIREMENTS FOR MECHANICAL EQUIPMENT AND FOR STARTERS, DISCONNECT SWITCHES AND CONVENIENCE RECEPTACLES THAT MAY BE FURNISHED WITH THE EQUIPMENT.

7. PROVIDE CONTROL POWER SOURCE FOR ALL STARTERS AND CONTROL PANELS NOT SUPPLIED WITH CONTROL POWER TRANSFORMERS. INSTALL AND CONNECT ALL CONTROL DEVICES IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.

8. MAINTAIN CODE REQUIRED WORKING CLEARANCE AT ALL ELECTRICAL PANELS, DISCONNECT SWITCHES, AND STARTERS.

9. ALL GROUND-FAULT CIRCUIT-INTERRUPTER RECEPTACLES SHALL BE READILY ACCESSIBLE PER CODE. CONFIRM ACCESSIBILITY PRIOR TO ROUGH-IN. IF NECESSARY SERVE A STANDARD RECEPTACLE WITH AN INTEGRAL GROUND FAULT 20 AMP 1 POLE CIRCUIT BREAKER OR PROVIDE A STAND ALONE GFI DEVICE IN A READILY ACCESSIBLE ADJACENT LOCATION.

10. CONFIRM CIRCUITRY REQUIREMENTS OF OWNER FURNISHED EQUIPMENT INCLUDING MOUNTING HEIGHT(S) OF ELECTRICAL CONNECTION(S), RECEPTACLE NEMA CONFIGURATION OR OVERCURRENT PROTECTION SIZE & WIRE SIZE WITH FINAL VENDOR DRAWINGS PRIOR TO ROUGH-IN.

11. COORDINATE LOCATIONS OF ALL CEILING MOUNTED LIGHT FIXTURES WITH ARCHITECT'S REFLECTED CEILING PLANS AND ELEVATION DRAWINGS. PROVIDE FIXTURES COMPATIBLE WITH CEILING TYPE INSTALLED.

12. PROVIDE SURGE PROTECTIVE DEVICES (SPD) AT PANELBOARDS AS INDICATED. SPD EQUIPMENT TO BE RATED FOR 100,000 AMPS PER PHASE SURGE AT PANELBOARDS. CLAMPING VOLTAGE TO BE 600 VOLTS ON 120/240 VOLTS. SURGE MODULES SHALL BE REPLACEABLE.(APPROVED MANUFACTURER IS ERICO MODEL TDX100S120240 OR EQUAL.) IN THE EVENT MODULE IS MOUNTED SEPARATELY/ADJACENT TO PANEL, PROVIDE NEMA 3R ENCLOSURE FOR MODULE.

LIGHTING FIXTURE SCHEDULE

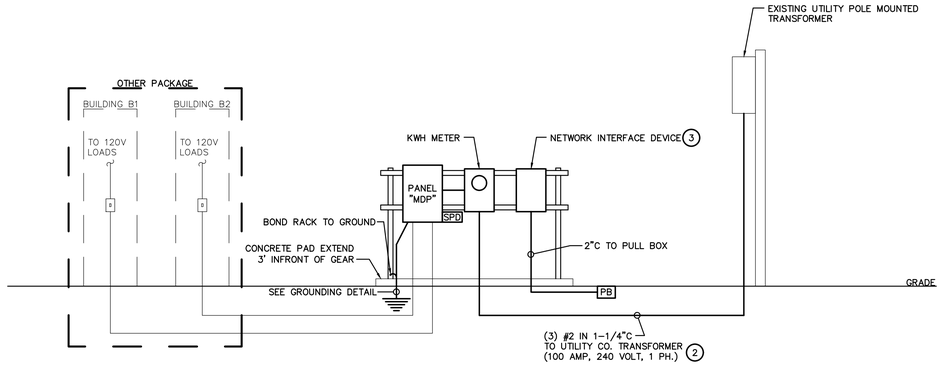
TYPE	DESCRIPTION	VOLTS	WATTS	MANUFACTURER
A	LED, 4 FOOT LINEAR, SURFACE MOUNT, 6000 LUMEN, 4000K, POLYCARBONATE LENS, TAMPER RESISTANT, WET LOC.	120	51	FAIL-SAFE VRVT2 SERIES LITHONIA FEM SERIES COLUMBIA SCVW SERIES
C	CEILING FAN, SURFACE MOUNT, 3 BLADE FAN, INTEGRAL LIGHT, OUTDOOR RATED 52 INCH DIAMETER	120	50	BIG ASS FANS HAIKU OUTDOOR SERIES

- PRIOR TO BID/INSTALLATION, COORDINATE WITH ARCH/OWNER FOR ACCEPTABLE LOCATIONS OF REMOTE DRIVERS FOR THOSE LIGHT FIXTURES REQUIRING THEM.
- ALL FIXTURES TO BE SUPPLIED WITH LAMPS.
- "UNV" INDICATES FIXTURE DRIVER APPROPRIATE FOR EITHER 120V OR 277V

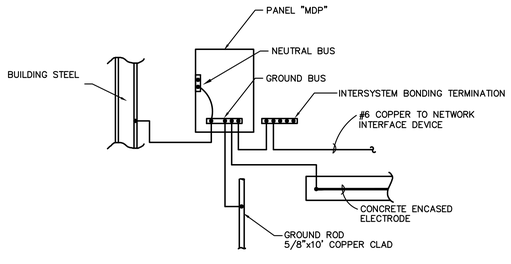
VOLTAGE: 240/120V., 1PH., 3W. | MAIN BKR: 100A | BUS: 100 AMP --- | A.I.C.: 10 K | RACK MOUNTED

S.E. RATED | NEMA 3R | NOTES: +PROVIDE GFI BREAKER; * PROVIDE HANDLE TIE

DESCRIPTION	KVA L1	KVA L2	WIRE SIZE	BKR AMPS	CKT #	CKT #	BKR AMPS	WIRE SIZE	KVA L1	KVA L2	DESCRIPTION
R-BUILDING A	0.8		12	+20*	1	2	20	10	0.3		BUILDING B1
R-BUILDING A		0.8	12	+20*	3	4	20	10		0.6	BUILDING B2
L-BUILDING A	0.3		12	20*	5	6	20	–	0		SPARE
SPARE		0	–	20	7	8	20	–		0	SPARE
SPARE	0		–	20	9	10	30	10	0		SPD
SPARE		0	–	20	11	12		10		0	
	1.1		PANEL "MDP"						0.3		L1: 1.4 KVA
		0.8								0.6	L2: 1.4 KVA
											TOTAL: 2.8 KVA

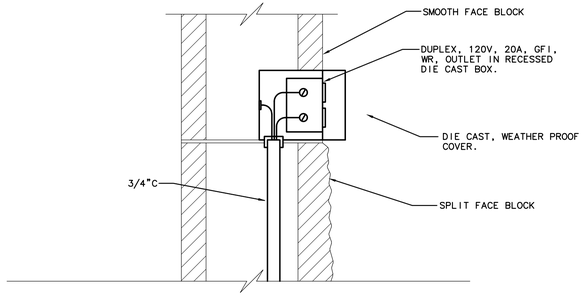


ELECTRICAL RISER DIAGRAM
SCALE: NO SCALE

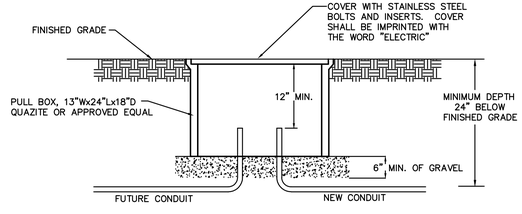


ELECTRICAL SERVICE GROUND
NO SCALE

BOND ALL INDICATED SYSTEMS THAT ARE PRESENT TO GROUNDING ELECTRODE SYSTEM PER NEC 250.50. ALL GROUNDING ELECTRODE CONDUCTORS SHALL BE SIZED PER NEC 250.66.



EXTERIOR RECEPTACLE MOUNTING DETAIL
NO SCALE



UNDERGROUND PULLBOX
NO SCALE

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LOSE DESIGN
SPACES FOR LIFE.

REGISTERED PROFESSIONAL ENGINEER ANTHONY J. PIZZA GA. NO. 037273
10/21/21

LANGFORD PARK IMPROVEMENTS
ELECTRICAL - BUILDING A - PAVILION
CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT
CITY OF BROOKHAVEN
GEORGIA

REVISIONS

NO.	DATE	COMMENTS

PERMIT SET

SHEET TITLE
LEGEND, NOTES, SCHEDULES & RISER

PROJECT NO.	DATE
20180	10/21/2021
DRAWN BY TAL	SCALE AS SHOWN
CHECKED BY AJP	

SHEET NO.
E2.00A

Project: 21204 Drawing: 21204 E1.0-E2.0 (1).dwg

GENERAL BUILDING NOTES

ARCHITECTURAL

1. DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, OBTAIN CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION.
2. THE BUILDING LAYOUT SHALL BE BASED ON THE ARCHITECTURAL DRAWINGS AND COORDINATED WITH THE ARCHITECT. THE CONTRACTOR SHALL CHECK ALL GRADES AND FINAL DIMENSIONS "IN THE FIELD" AND REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.
3. BUILDING MATERIALS CONTAINING ASBESTOS OR OTHER HAZARDOUS MATERIALS ARE PROHIBITED ON THIS PROJECT.
4. PROVIDE POSITIVE DRAINAGE AT WALKS, STEPS, AND LANDINGS. THERE SHALL BE NO PONDING OF WATER.
5. ELECTRICAL BOXES LOCATED ON OPPOSITE SIDES OF WALLS OR PARTITIONS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES.
6. ALL MATERIALS PROVIDED SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATION AND AS PER CODE REQUIREMENTS.
7. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL MEET ALL ADOPTED BUILDING CODES, AND THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION.
8. ITEMS REQUIRING FINISH SELECTIONS THAT DO NOT APPEAR IN THE DOCUMENTS SHALL BE SELECTED FROM SHOP DRAWING SUBMITTALS.
9. THE DRAWINGS AND SPECIFICATIONS ARE TO BE CONSIDERED OF EQUAL VALUE; WHERE THERE IS A CONFLICT BETWEEN DRAWINGS AND SPECIFICATIONS, CONTACT THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING.
10. ROUGH FINISHING AND "OVER" CUTS AROUND ELECTRICAL OUTLETS WILL NOT BE ACCEPTED.
11. ALL STUD SPACING TO BE 16" O.C. UNLESS OTHERWISE NOTIFIED.
12. INTERIOR DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH, U.N.O.
13. ALL INTERIOR FIRE RATED PARTITIONS SHALL EXTEND TIGHT TO STRUCTURE ABOVE AND SHALL TERMINATE AT EXTERIOR SHEATHING. NON-FIRE RATED PARTITIONS SHALL BUTT INTO FACE OF FIRE RATED PARTITION SO THAT FIRE RATING INTEGRITY IS MAINTAINED.
14. SEAL ALL PENETRATIONS W/ APPROPRIATE RATED ASSEMBLIES TO MAINTAIN THE FIRE RATING OF THE INDIVIDUAL PARTITIONS OR WALLS. REFER TO THE 'UL RATING' SHEET.
15. ELECTRICAL PANELS, FIRE EXTINGUISHER CABINETS, ETC., LOCATED IN RATED PARTITIONS SHALL BE BACKED W/ TYPE-X DRYWALL ON FIVE SIDES TO MAINTAIN RATING, AS DETAILED IN DRAWINGS.
16. THE CONTRACTOR IS REQUIRED TO PROVIDE MATERIAL TO FULLY CONSTRUCT THE PROJECT PER THE DESIGN INTENT OF THE CONTRACT DOCUMENTS, WHETHER DETAILED OR IMPLIED. IF THE CONTRACTOR, AFTER REVIEW OF THE DRAWINGS, NEEDS ADDITIONAL INFORMATION OR CLARIFICATION CONTACT THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
17. THESE CONTRACT DOCUMENTS (DRAWINGS AND PROJECT MANUAL / SPECIFICATIONS) ARE TO BE CONSIDERED AS A WHOLE ENTITY. ANY CONTRACTOR, SUBCONTRACTOR, OR VENDOR THAT CHOOSES TO UTILIZE ONLY A PORTION OF THE DOCUMENTS TO BID, CONSTRUCT, OR SUPPLY MATERIAL FOR THE PROJECT SHALL ASSUME FULL RESPONSIBILITY FOR RELATED ITEMS THAT MAY BE CONTAINED ELSEWHERE IN THE DOCUMENTS. THE OWNER WILL GRANT NO ADDITIONAL TIME OR COST FOR CONSEQUENCES THAT MAY RESULT.
18. PROVIDE SIGNAGE FOR BUILDING IDENTIFICATION ON THE PUBLIC AND/OR PREDOMINANT SIDE OF THE BUILDING. SEE FLOOR PLAN AND ELEVATION FOR LOCATION. LETTERING SHALL BE MOUNTED ON A CONTRASTING BACKGROUND AND BE VISIBLE 24-HR PER DAY. SUBMIT ALL SIGNAGES TO LOCAL JURISDICTION HAVING AUTHORITY FOR APPROVAL PRIOR TO INSTALLATION.
19. SIGNS, LOCATION, NUMBER AND SIZE ARE NOT APPROVED UNDER THIS BUILDING PERMIT. A SEPARATE SIGN LOCATION PERMIT IS REQUIRED FOR EACH AND ALL SIGNS AND SIGNAGE.
20. A SIGN CLEARLY STATING THAT SMOKING IS PROHIBITED SHALL BE CONSPICUOUSLY POSTED WITHIN EACH BUILDING AND AT EACH BUILDING ENTRANCE FOR COMPLIANCE WITH LOCAL CLEAN INDOOR AIR ORDINANCE. ACCEPTABLE SIGNS SHALL DISPLAY EITHER "NO SMOKING" OR THE INTERNATIONAL "NO SMOKING" SYMBOL (CONSISTING OF A PICTORIAL REPRESENTATION OF A BURNING CIGARETTE ENCLOSED IN A RED CIRCLE WITH A RED BAR ACROSS IT).
21. THE FLOOR LEVEL ON BOTH SIDES OF ALL DOORS SHALL BE LEVEL FOR THE WIDTH OF THE DOOR. THE EXTERIOR SLAB AT EXTERIOR DOORS SHALL BE ¼" BELOW INTERIOR SLAB.
22. PROVIDE 6" H LETTERS TO ID. EACH BUILDING ON THE PUBLIC/PREDOMINANT SIDE OF THE BUILDING. LETTER SHALL BE MOUNTED ON A CONTRASTING BACKGROUND AND BE VISIBLE 24-HR PER DAY
23. CONTRACTORS REQUESTING INSPECTIONS SHALL SUBMIT AFFIDAVITS ON DEPT SUPPLIED FORMS 2 DAYS PRIOR TO DATE OF REQUESTED INSPECTION.
24. CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS, FEES, AND COORD. WITH ALL JURISDICTIONS HAVING AUTHORITY.
25. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL STAMPS AND DESIGN CERTIFICATION FOR PRE-MANUFACTURER BUILDING STRUCTURE, FOUNDATION AND CONNECTIONS.

CODE REVIEW

SCOPE OF WORK: NEW SHADE AT BENCHES

1. APPLICABLE CODES

- 2018 INTERNATIONAL BUILDING CODE (IBC), WITH GEORGIA STATE AMENDMENTS (2020)
- 2018 INTERNATIONAL PLUMBING CODE, WITH GEORGIA STATE AMENDMENTS (2020)
- 2018 INTERNATIONAL MECHANICAL CODE, WITH GEORGIA STATE AMENDMENTS (2020)
- 2018 INTERNATIONAL FUEL GAS CODE, WITH GEORGIA STATE AMENDMENTS (2020)
- 2017 NFPA 70 NATIONAL ELECTRICAL CODE
- 2015 INTERNATIONAL ENERGY CONSERVATION CODE, GEORGIA SUPPLEMENTS AND AMENDMENTS (2020)
- CHAPTER 120-3-3 RULES AND REGULATIONS FOR THE STATE MINIMUM FIRE SAFETY STANDARDS
- 2018 INTERNATIONAL FIRE CODE
- 2018 NFPA 101 LIFE SAFETY CODE (LSC) WITH GEORGIA STATE FIRE MARSHAL AMENDMENTS.
- GEORGIA ACCESSIBILITY CODE CHAPTER 120-3-20 (.01-08) - 2010 ADA STANDARD FOR ACCESSIBLE DESIGN.

2. OCCUPANCY GROUP

- SHADE: GROUP A "ASSEMBLY" OCCUPANCY FIXED SEATING

3. CALCULATED OCCUPANT LOAD (IBC 1004 & TABLE 1004.1.2; LSC TABLE 7.3.1.2) AND NUMBER OF EXITS (LSC 7.4)

- TOTAL OCCUPANTS: 3 BENCHES @ 3 PERSONS PER BENCH = 9 PERSONS

4. TYPE OF CONSTRUCTION (IBC CH. 6)

OPEN SHADE FOR BENCHES: TYPE V-B (UN-PROTECTED / NON-SPRINKLER)

5. FIRE RATING (IBC TABLE 601/602; LSC 8.2.1.2)

BUILDING ELEMENT	REQUIRED	ACTUAL
• STRUCTURAL FRAME	0	0
• BEARING WALL-EXT. (TABLE 602), SUPPORT ROOF ONLY	0	0
• BEARING WALL-INTERIOR; SUPPORT ROOF ONLY	0	0
• NONBEARING WALL-EXTERIOR; SUPPORT ROOF ONLY	0	0
• NONBEARING WALL-INTERIOR	0	0
• ROOF CONSTRUCTION; SUPPORT ROOF ONLY	0	0
• ROOF-CEILING ASSEMBLY	0	0

6. BUILDING AREA / HEIGHT (IBC TABLE 506.2)

OCCUPANCY TYPE	ALLOWED	ACTUAL
BUILDING - SHADE:	9,000 SF/40 FT-2 STORIES	0 SF (ENCLOSED BLDG) 161 SF (AREA UNDER ROOF) ± 9'-6" HIGH -1 STORY

7. MEANS OF EGRESS

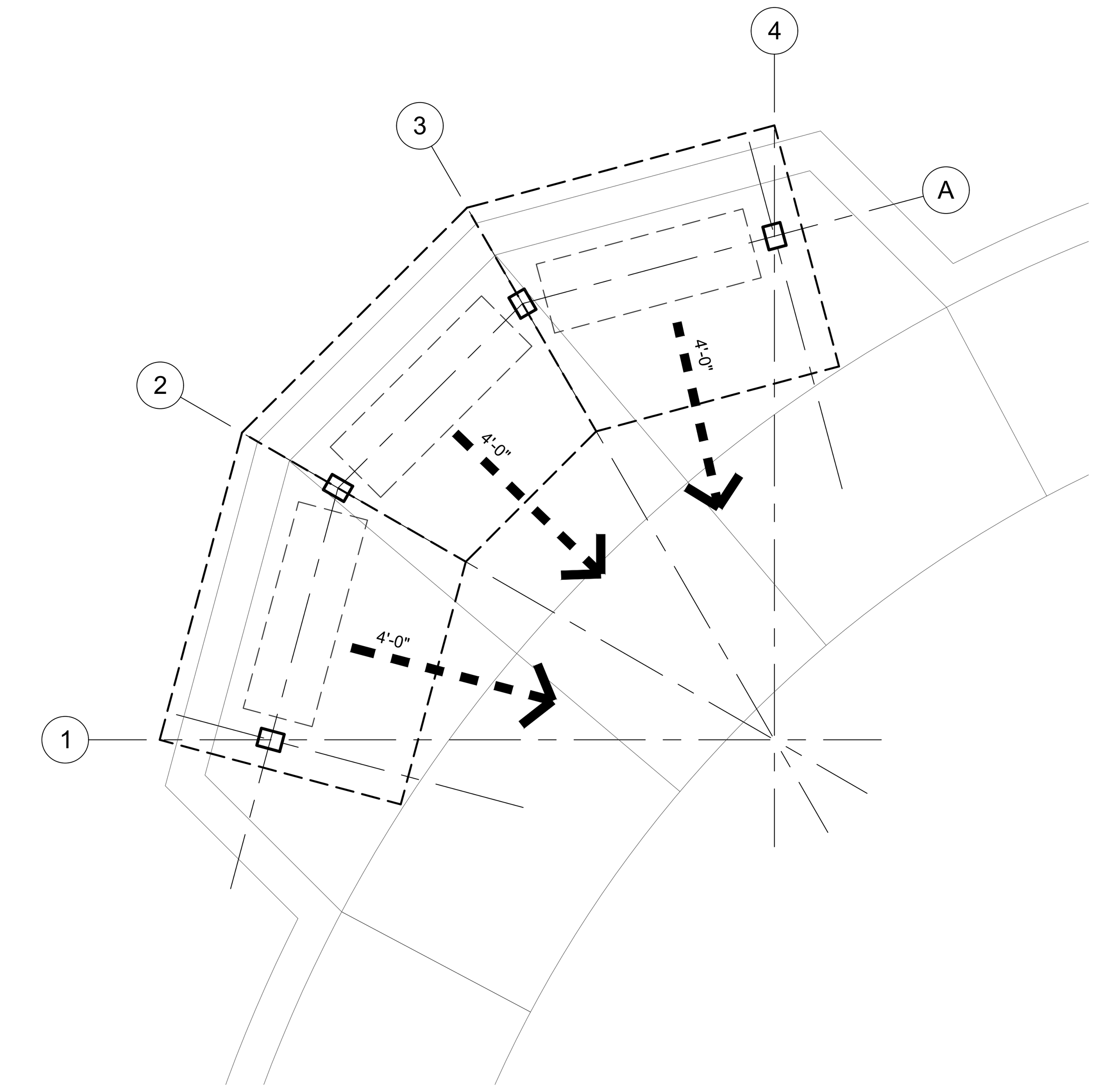
- OPEN SHADE, DIRECT EGRESS

8. FIRE PROTECTION

- FIRE ALARM SYSTEM NOT REQUIRED (LSC 38.3.4.1)
- NOT SPRINKLERED

9. ROOF COVERINGS

- CLASS C MIN. FOR CONSTRUCTION TYPE VB (IBC TABLE 1505.1)
- ACTUAL = STANDING SEAM METAL ROOFING TO COMPLY WITH 1507.2



1 / A2.1B LIFE SAFETY FLOOR PLAN
1/4" = 1'-0"

NORTH

LIFE SAFETY LEGEND

4'-0" - - - -➔	ROOM TRAVELING FROM MAXIMUM TRAVEL DIST. TO OUTSIDE BUILDING

ABBREVIATIONS

A.B. - ANCHOR BOLTS
ABV. - ABOVE
A.C.T. - ACOUSTICAL CEILING TILE
AD - AREA DRAIN
ADA - AMERICANS WITH DISABILITIES ACT
A.F.F. - ABOVE FINISHED FLOOR
ALUM. - ALUMINUM

BD - BOARD
BLDG. - BUILDING
BLKG. - BLOCK(ING)
BOTT. - BOTTOM

CC - CENTER TO CENTER
CJ - CONTROL JOINT
CL- CENTER LINE
CLG. - CEILING
CMU - CONCRETE MASONRY UNIT
CONC. - CONCRETE
CONSTR. - CONSTRUCTION
CONT. - CONTINUOUS
COORD. - COORDINATE
COL. - COLUMN

D.F. - DRINKING FOUNTAIN
D.S. - DOWNSPOUT
DTL - DETAIL

EA. - EACH
EJT - EXPANSION JOINT
ELEC. - ELECTRICAL
ENG. - ENGINEERED
EQP. - EQUIPMENT
EQ. - EQUAL
E.W.C. - ELECTRIC WATER COOLER
EXT. - EXTERIOR

FC. - FIBER CEMENTITIOUS
FD - FLOOR DRAIN
FE - FIRE EXTINGUISHER
FFE. - FINISHED FLOOR ELEVATION
FG - FIBER GLASS
FIN. - FINISH
FL. - FLOOR
FLUOR. - FLUORESCENT
FRMG. - FRAMING

FS - FLOOR SINK
FT. - FEET
FTG. - FOOTING
F-TRTD - FIRE TREATED
FIXT. - FIXTURE

GB - GLASS BLOCK
GSQ. FT. - GROSS SQUARE FEET
GYP. - GYPSUM

HC - HANDICAPPED
HM - HOLLOW METAL
HORIZ. - HORIZONTAL

INSUL. - INSULATED

JST. - JOIST
JT. - JOINT

KB. - KNOXBOX

MANUF. - MANUFACTURER
MATL. - MATERIAL
MAX. - MAXIMUM
MECH. - MECHANICAL
MIN. - MINIMUM
MO - MASONRY OPENING
MTD. - MOUNTED

N.I.C. - NOT IN CONTRACT
N.T.S. - NOT TO SCALE

O.C. - ON CENTER
O.F.C.I. - OWNER FURNISHED, CONTRACTOR INSTALLED**
O.F.O.I. - OWNER FURNISHED, OWNER/VENDOR INSTALLED
O.F.E. - OWNER FURNISHED EQUIPMENT
OPP. - OPPOSITE

PAR. - PARALLEL
PEMB. - PRE-ENGINEERED METAL BUILDING
PERP. - PERPENDICULAR
PLYWD. - PLYWOOD
PT. - PRESSURE TREATED
PTD. - PAINTED

RCP - REFLECTED CEILING PLAN
REQ'D. - REQUIRED
REINF. - REINFORCING

SHT. - SHEET
SIM. - SIMILAR
SQ. - SQUARE
SS - STANDING SEAM
SST. - STAINLESS STEEL
STL. - STEEL
STRUC. - STRUCTURE
SYP. - SOUTHERN YELLOW PINE

T&G - TONGUE AND GROOVE
T.O. - TOP OF
TEMP. - TEMPERED
TLT. - TOILET
TRT'D - TREATED
TYP. - TYPICAL

U.G. - UNDERGROUND
U.N.O. - UNLESS NOTED OTHERWISE

VERT. - VERTICAL
V.C.T. - VINYL COMPOSITION TILE

W/ - WITH
W/O - WITHOUT
WC - WATER CLOSET
WD. - WOOD
WH - WATER HEATER

** ALWAYS IMPLIED UNLESS NOTED OTHERWISE

LEGEND GRAPHICS SYMBOLS

4.1	COLUMN LINE	X / XX.X	DETAIL SECTION REFERENCE CUT	14	PLAN KEYNOTE	A00	SIGNAGE (ROOM AND BLDG)
9'-4"	DIMENSION LINE (NOMINAL, UNO)	X / XX.X	WALL SECTION REFERENCE CUT	A0	EXTERIOR ELEVATION KEYNOTE	X / AX.XX	LARGE SCALE DETAIL REFERENCE MARK
DOOR / 01 / DOOR NUMBER	DOOR TAG (REFER TO A8.1)	X / XX.X	BUILDING SECTION REFERENCE CUT	1	TOILET ACCESSORIES	2	REVISION
		X / XX.X	EXT. ELEVATION REFERENCE	A	CONCESSION EQUIPMENT		SLOPED FLOOR WITH FLOOR DRAIN
WINDOW / AA / WINDOW DESIGNATION	WINDOW TAG (REFER TO A8.2)	X / XX.X X / XX.X	INT. ELEVATION REFERENCE		BENCH MARK	ROOM NAME / ROOM #	ROOM NAME AND NUMBER

LÖSE DESIGN
SPACES FOR LIFE.

STATE OF GEORGIA
SEAN CHRISTOPHER GUTH
CERTIFICATE NO. RA016286
REGISTERED ARCHITECT
[illegible]
10.21.2021

LANGFORD PARK IMPROVEMENTS
ARCHITECTURAL - BUILDING B1 - SHADE
CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT
CITY OF BROOKHAVEN GEORGIA

REVISIONS

NO.	DATE	COMMENTS

PERMIT SET

SHEET TITLE
GENERAL NOTES, ABBREVIATIONS, LEGEND GRAPHICS SYMBOLS, CODE REVIEW

PROJECT NO. 20180	DATE 10/21/2021
DRAWN BY LWS	SCALE AS NOTED
CHECKED BY SG	

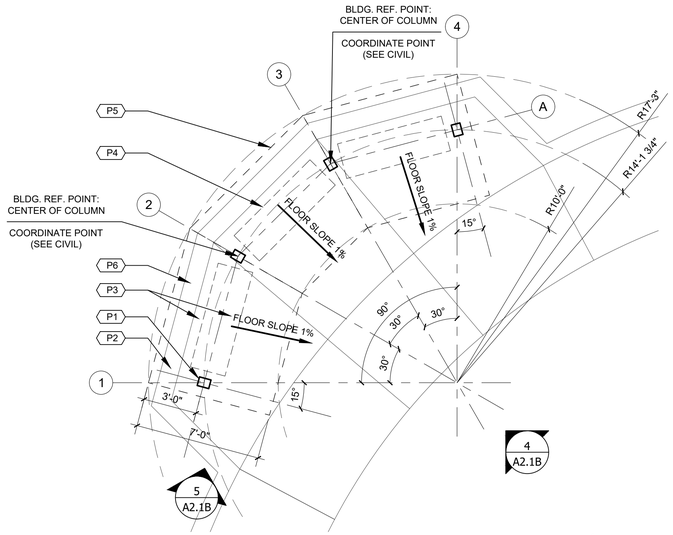
SHEET NO.
A0.1B1

O:\20000s\20180-1 Langford Park Brookhaven CDS\CAD\05_ARCH\CDS\SHEET\BUILDING B1\20180_A0.1B1_General-Notes_Code-Review.dwg - Printed on 2022-03-02 at 10:49:13 AM.

BUILDING B1 PRE-ENGINEERED STEEL TUBE SHADE.
ALL PARTS AND FINISHES ARE PROVIDED BY SHADE MANUFACTURER U.N.O.
INSTALLATION OF ALL PARTS MUST BE IN STRICT ACCORDANCE OF SHADE MANUFACTURER.
INSTALLER SHALL BE APPROVED BY SHADE MANUFACTURER. SEE SPECIFICATIONS.

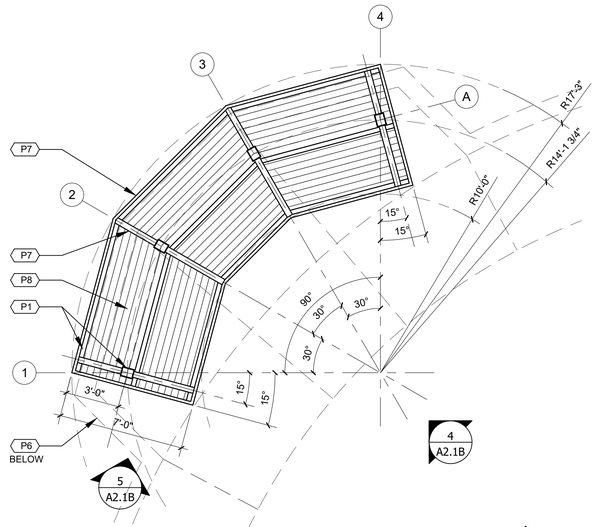
ALL EXPOSED STEEL AT PRE-ENGINEERED SHADE TO BE POWDER-COATED FINISH BY SHADE MANUFACTURER.

NO EXPOSED CONDUIT, RUN ALL CONDUIT INSIDE FRAMING. COORDINATE WITH ELECTRICAL.



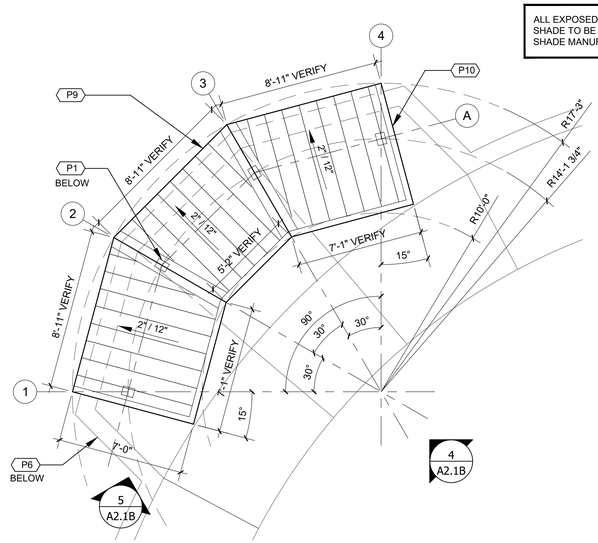
1 A2.1B1 FLOOR PLAN
1/4" = 1'-0"

NORTH



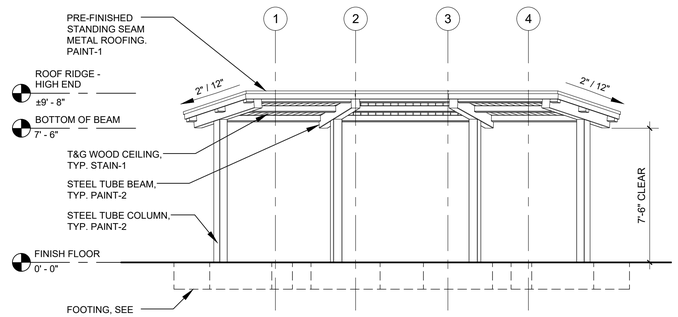
2 A2.1B1 REFLECTED CEILING PLAN
1/4" = 1'-0"

NORTH

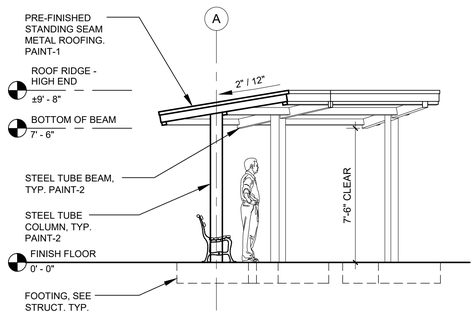


3 A2.1B1 ROOF PLAN
1/4" = 1'-0"

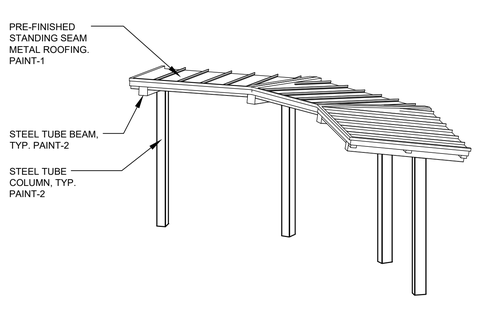
NORTH



4 A2.1B1 FRONT ELEVATION
1/4" = 1'-0"



5 A2.1B1 SIDE ELEVATION
1/4" = 1'-0"



6 A2.1B1 PERSPECTIVE
N.T.S.

BUILDING - B1 SQUARE FOOTAGE:

TOTAL ENCLOSED AREA (GROSS):	0 GSF
TOTAL AREA UNDER ROOF:	161 SF

P1 STEEL TUBE COLUMN AND FRAME, SHOP PRIMED & PAINTED, REFER TO MANUFACTURE STANDARDS FOR DETAILS AND ATTACHMENTS. PROVIDED BY PAVILION MANUFACTURER. PAINT-2.

P2 CONCRETE FOUNDATION, SEE STRUCTURAL. TYP. PROVIDED BY GC.

P3 CONCRETE SLAB AND SLOPE - SEE CIVIL DRAWINGS.

P4 BENCH, TYP. SEE SITE.

P5 EDGE OF ROOF OVERHANG ABOVE, TYP.

P6 RETAINING WALL, SEE SITE.

P7 STEEL TUBE BEAM, TYP. SHOP PRIMED & PAINTED, REFER TO MANUFACTURE STANDARDS FOR DETAILS AND ATTACHMENTS. PROVIDED BY SHADE MANUFACTURER. PAINT-2.

P8 SYP (SOUTHERN YELLOW PINE) T&G WOOD CEILING. STAIN-1

P9 PRE-FINISHED STANDING SEAM METAL ROOFING, COLOR: PAINT-1, SEE FINISH SCHEDULE & SPEC. FACTORY PRIMER WHITE ON UNDERSIDE OF METAL ROOF.

P10 PRE-FINISHED METAL FLASHING W/ DRIP-EDGE AND CONT. KEEPER/CLEAT, CONT. TO UNDERSIDE OF 2X6 FASCIA BOARD, TYP. PAINT-1.

FINISH SCHEDULE

PAINT	MFR./MAT.	COLOR	TYPE	FINISH	NOTES
PAINT - 1	KYNAR 500	CITYSCAPE	PDVF		PREFINISH, EXTERIOR
PAINT - 2	POLIGON ANTIQUITY FINISH	RUSTIC BROWN	HOT-DIP GALV.		PREFINISH, EXTERIOR
STAIN-1	SW - SEMI TRANSPARENT	SW 3512 CIDER MILL	OIL BASED	SEMI-GLOSS	EXTERIOR

FINISH NOTES

1. NUMBER DENOTES COLOR
2. SEE SPECS FOR PRIMER AND FINISH SYSTEMS

GENERAL NOTES

1. CONSTRUCTION DRAWINGS TO BE SUBMITTED BY GC. FOR APPROVAL. DRAWINGS SHALL BE OBTAINED FROM THE PAVILION MANUFACTURER.
2. ALL DIMENSIONS TO BE VERIFIED WITH CONSTRUCTION DRAWINGS FROM PAVILION MANUFACTURER.
3. ELEVATION MARKS TO BE VERIFIED WITH CONSTRUCTION DRAWINGS FROM PAVILION MANUFACTURER.
4. ARCHITECTURAL BUILDING FFE. LISTED AS 0'-0", COORDINATE ACTUAL W/ CIVIL.
5. COORDINATE ALL ELECTRICAL CONDUITS AND JUNCTION BOXES W/ PAVILION MANUFACTURER. CONCEAL CONDUITS INSIDE STRUCTURAL FRAME FOR MINIMUM VISIBLE EXPOSURE. PAINT ANY EXPOSED CONDUIT TO MATCH COLOR OF ADJACENT SURFACE.
6. COORDINATE ALL FOUNDATION REQUIREMENTS WITH PAVILION MANUFACTURER, SEE STRUCTURAL DRAWINGS
7. REFER TO SITE DRAWINGS FOR SITE FURNITURE PLACEMENT AND SPECIFICATIONS.
8. INSTALL PRE-ENGINEERED PAVILION TO COMPLY WITH MANUFACTURER'S INSTALLATION DETAIL TO MAINTAIN WARRANTY AS SPECIFIED.
9. THE PRE-ENGINEERED PAVILION SHALL COMPLY WITH ALL CURRENT BUILDING CODES.
10. THE PRE-ENGINEERED PAVILION INDICATED ON THIS SHEET IS FOR DESIGN INTENT ONLY. CONTRACTOR SHALL SUBMIT A COMPLETE FABRICATION AND ERECTION DRAWINGS WITH SPECIFIED MATERIAL, SIZES, CONNECTION DETAILS AND LOCATIONS FOR ALL STRUCTURAL ELEMENTS, INCLUDING ANCHORAGE TO FOUNDATION TO ADEQUATELY RESIST ALL APPLICABLE DESIGN LOADS. ALL DRAWINGS TO BEAR THE SEAL OF THE CORRESPONDING DESIGN PROFESSIONAL REGISTERED IN THE STATE OF GEORGIA WITH HANDWRITTEN SIGNATURE THEREON.
11. ELECTRICAL OUTLETS MOUNTED ON STEEL COLUMN, SEE ELECTRICAL DRAWINGS FOR ELECTRICAL OUTLET AND TIMER/PANEL LOCATION.

LOSE DESIGN
SPACES FOR LIFE.

STATE OF GEORGIA
SEAN CHRISTOPHER GUTH
CERTIFICATE NO. RA021698
10.21.2021
REGISTERED ARCHITECT

LANGFORD PARK IMPROVEMENTS
ARCHITECTURAL - BUILDING B1 - SHADE

CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT
CITY OF BROOKHAVEN GEORGIA

REVISIONS		
NO.	DATE	COMMENTS
	PERMIT SET	

SHEET TITLE
PLANS AND ELEVATIONS

PROJECT NO. 20180	DATE 10/21/2021
DRAWN BY LWS	SCALE AS NOTED
CHECKED BY SG	

SHEET NO.
A2.1B1

STRUCTURAL SPECIAL INSPECTION SCHEDULES

THE STATEMENT OF SPECIAL INSPECTION IS SUBMITTED AS A CONDITION FOR PERMIT ISSUANCE IN ACCORDANCE WITH THE SPECIAL INSPECTION AND STRUCTURAL TESTING REQUIREMENTS OF THE BUILDING CODE. IT INCLUDES A SCHEDULE OF SPECIAL INSPECTION SERVICES APPLICABLE TO THIS PROJECT.

THE SPECIAL INSPECTOR SHALL KEEP RECORDS OF ALL INSPECTIONS AND SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROCESSIONAL IN RESPONSIBLE CHARGE. DISCOVERED DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF SUCH DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. THE SPECIAL INSPECTION PROGRAM DOES NOT RELIEVE THE CONTRACTOR OF HIS OR HER RESPONSIBILITIES.

INTERIM REPORTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.

A FINAL REPORT OF SPECIAL INSPECTIONS DOCUMENTING COMPLETION OF ALL REQUIRED SPECIAL INSPECTION, TESTING, AND CORRECTION OF AN DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED PRIOR TO ISSUANCE OF A CERTIFICATE OF USE AND OCCUPANCY. JOB SITE SAFETY AND MEAN AND METHODS OF CONSTRUCTION ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.

SPECIAL INSPECTION SCHEDULE: FABRICATORS

VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	FREQUENCY	
		CONTINUOUS	PERIODIC
1. VERIFY FABRICATION AND IMPLEMENTATION PROCEDURES:			
A. STEEL CONSTRUCTION – BRIDGES	N	--	--
B. CONCRETE CONSTRUCTION (INCLUDING REBAR FABRICATION)	N	--	--
C. WOOD CONSTRUCTION	N	--	--
D. COLD-FORMED METAL CONSTRUCTION	N	--	--
E. OTHER CONSTRUCTION	N	--	--

SPECIAL INSPECTION SCHEDULE: SOILS

VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	FREQUENCY	
		CONTINUOUS	PERIODIC
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	Y	--	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL	Y	--	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	Y	--	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	Y	X	--
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	Y	--	X

SPECIAL INSPECTION SCHEDULE: CAST-IN-PLACE FOUNDATION ELEMENTS

VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	FREQUENCY	
		CONTINUOUS	PERIODIC
1. SPECIAL INSPECTIONS AND VERIFICATIONS FOR CONCRETE FOUNDATION CONSTRUCTION IN ACCORDANCE WITH THE SPECIAL INSPECTION SCHEDULE			
A. ISOLATED SPREAD CONCRETE FOOTINGS	Y	--	X
B. CONTINUOUS CONCRETE FOOTINGS SUPPORTING WALLS	Y	--	X
C. CONCRETE FOUNDATION WALLS	Y	--	X

SPECIAL INSPECTION SCHEDULE: CONCRETE CONSTRUCTION

VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	FREQUENCY	
		CONTINUOUS	PERIODIC
1. INSPECTION OF REINFORCING STEEL, INCLUDING PLACEMENT.	Y	X	--
2. INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED.	Y	--	X
3. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.	Y	--	X
4. VERIFYING USE OF REQUIRED DESIGN MIX.	Y	--	X
5. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	Y	X	--
6. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	Y	--	X
7. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	Y	--	X

STRUCTUAL GENERAL NOTES

CODE INFORMATION

1. All construction shall conform to the 2018 INTERNATIONAL BUILDING CODE (IBC) with 2020 GEORGIA STATE AMENDMENTS.

2. 2018 IBC referenced standards to be used, as applicable:
   2.1. Load Criteria (dead, live, snow, wind, seismic) – ASCE 7-16
   2.2. Concrete Design – ACI 318-14
   2.3. Steel Design – AISC 360-10, AISC 341-16, Manual of Steel Construction, 15th Edition

GENERAL DESIGN INFORMATION

1. Verify existing conditions and dimensions. Immediately notify the engineer of record of any conditions which do not comply with plans and specifications. Structural drawings shall be coordinated with the civil drawings.

2. Contract documents shall not be reproduced for use as shop drawings.

3. The design adequacy of all temporary bracing and shoring is the sole responsibility of the contractor.

4. Refer to architectural, mechanical, plumbing, electrical, and civil drawings for locations of miscellaneous items (openings, bent plates, inserts, etc.) affecting structural work.

DESIGN LOADS

1. DEAD LOADS:
   1.1. Shade Structures
      1.1.1. Selfweight
      1.1.2. Miscellaneous: 3 psf (min)

2. LIVE LOADS:
   2.1. Roofs: 20 psf (reducible per IBC)

3. SNOW LOADS:
   3.1. Ground snow load, Pg: 5 psf

4. WIND DATA (per ASCE 7):
   4.1. Basic Wind Speed (3-sec gust):
      4.1.1. Vult = 110 mph
      4.1.2. Vasd = 85 mph
   4.2. Risk Category: II
   4.3. Exposure Category: B

5. SEISMIC DATA (per ASCE 7):
   5.1. Risk Category: II
   5.2. Importance Factor: I = 1.0
   5.3. Mapped Spectral Response Accelerations:
      5.3.1. Ss = 0.192
      5.3.2. S1 = 0.087
   5.4. Site Class: D
   5.5. Spectral Response Coefficients:
      5.5.1. Sds = 0.205
      5.5.2. Sd1 = 0.139
   5.6. Seismic Design Category: C
   5.7. Basic Seismic Force Resisting System: Ordinary cantilevered steel columns
   5.8. Response Modification Coefficient: R = 1.25
   5.9. Seismic Response Coefficient: Cs = 0.164
   5.10. Base Shear: .60 kips (approximate. Prefabricated structure manufacturer to confirm)

SPECIAL INSPECTIONS AND TESTING

1. Per attached schedule, this sheet

STRUCTURAL OBSERVATIONS

1. The Structural Engineer of Record has not been employed to perform periodic visual observation of the structures during construction for general conformance to the contract design drawings.

FOUNDATION NOTES

1. The foundation design is based on the following assumptions. A geotechnical engineer shall be employed prior to the start of construction to investigate subsurface conditions. If the geotechnical report indicates these assumptions are incorrect, immediately notify the engineer of record.

2. Footings are designed to bear on uniform soils capable of supporting 2000 psf. Design assume differential and total settlements are within accepted tolerances for the type of construction used.

3. The soil bearing capacity and consistency shall be verified for the foundation limits by a professional geotechnical engineer registered in the project state when the foundation excavations have been carried down to the proposed elevations. The bottom of all footings shall be a minimum of 1'-6" below finished grade, unless noted otherwise

4. Where footing excavations are to remain open and may be exposed to rainfall, the excavations shall be undercut and a 3 inch thick mud mat of 2000 psi concrete shall be placed in the bottom to protect the soils.

REINFORCED CONCRETE

1. The design of all concrete work shall conform to ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".

2. Reinforcing steel shall be deformed bars meeting the requirements of ASTM A615, Grade 60.

3. The 28-day compressive strength of all cast-in-place concrete shall be:
   3.1. Footings independent of slabs-on-grade – 3000 psi
   3.2. – 4000 psi
   3.3. Retaining walls –4000 psi
   3.4. Site concrete – see Civil Drawings

4. All concrete shall be air-entrained.

5. Lap splices for reinforcing bars shall be as follows:

BAR SIZE	STD LAP	1.3 x STD LAP
4	24"	32"
5	32"	40"

Use Std Lap lengths except when horizontal reinforcing has more than 12" of fresh concrete cast below it, then use 1.3 x Std Lap lengths.

6. Clear concrete cover for reinforcing steel shall be:
   6.1. Footings cast against soil or rock – 3"
   6.2. Footing cast against forms – 2"

7. Mechanical vibrators shall be used to vibrate all concrete.

8. Concrete shall be sampled and tested in accordance with project specifications. A copy of all concrete compressive strength tests reports shall be kept at the job site at all times for review by the inspector.

LOSE DESIGN
SPACES FOR LIFE.

EMC
STRUCTURAL ENGINEERS, P.C.
4525 Trousdale Drive
Nashville, Tennessee 37204
(o) 615.781.8199
(f) 615.781.4088

EMC Project No. 21273

REGISTERED
No. PE037354
PROFESSIONAL ENGINEER
10-21-2021
BENJAMIN B FARIS

LANGFORD PARK IMPROVEMENTS
BUILDING B1 - SHADE
CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT
CITY OF BROOKHAVEN
GEORGIA

REVISIONS

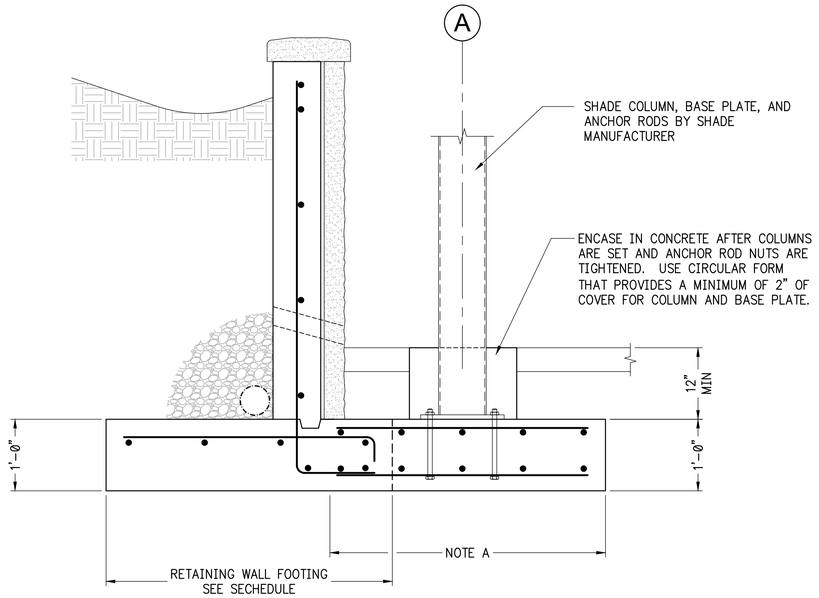
NO.	DATE	COMMENTS

PERMIT SET

SHEET TITLE
PAVILION B1
STRUCTURAL GENERAL NOTES
SPECIAL INSPECTION PLAN

PROJECT NO. 20180	DATE 10/21/2021
DRAWN BY EMC	SCALE
CHECKED BY EMC	

SHEET NO.
S0.1B1

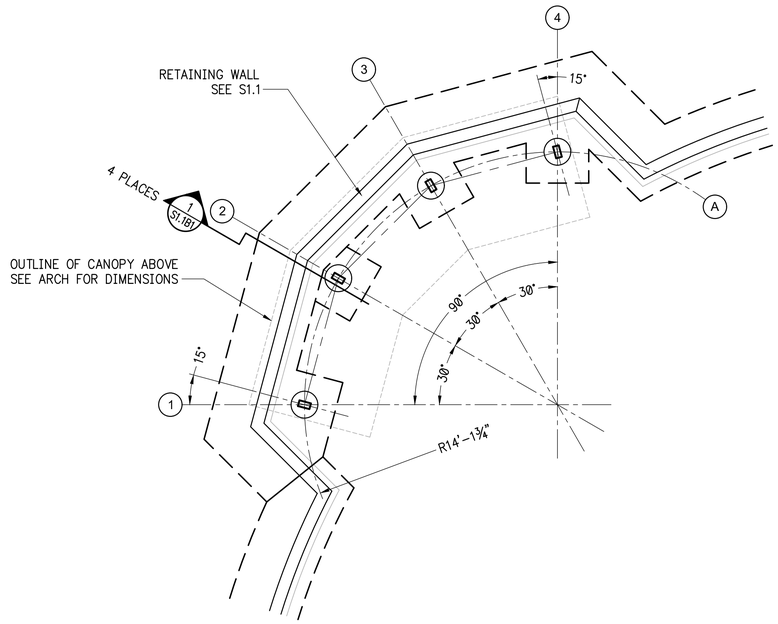


NOTES:

A. FOOTING FOR PAVILION B1 COLUMNS TO BE DESIGNED BY PAVILION MANUFACTURER. FOOTING DEPTH SHALL BE 12" TO MATCH RETAINING WALL FOOTING. FOOTINGS SHALL BE CAST MONOLITHICALLY w/ COLUMN FOOTING REINFORCING EXTENDING INTO RETAINING WALL FOOTING.
B. PAVILION MANUFACTURER HAS OPTION OF CONSTRUCTING DRILL PIER FOUNDATIONS FOR COLUMNS THAN CAN BE CONSTRUCTED INDEPENDENT OF RETAINING WALL FOOTINGS. MAXIMUM PIER PIER SIZE SHALL BE 20"ø. IF DRILLED PIERS ARE USED, TOP OF DRILLED PIER ELEVATIONS SHALL EQUAL FINISHED GRADE. PAVILION COLUMN BASE PLATES SHALL THEN BEAR AT FINISHED GRADE ELEVATION.

1 SECTION

SCALE: 1" = 1'-0"



FOUNDATION PLAN - BUILDING B1 - SHADE

SCALE: ¼" = 1'-0"

NOTES:

1. TOP OF FOOTINGS SHALL BE A MINIMUM OF 8" BELOW FINISHED GRADE.
2. CONTRACTOR SHALL COORDINATE ANY UNDERGROUND UTILITIES, CONDUITS, PIPES, ETC.
3. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND ELEVATIONS NOT SHOWN.

LOSE DESIGN
SPACES FOR LIFE.

EMC
STRUCTURAL ENGINEERS, P.C.
4525 Trousdale Drive
Nashville, Tennessee 37204
(o) 615.781.8199
(f) 615.781.4088

EMC Project No. 21273

LANGFORD PARK IMPROVEMENTS

BUILDING B1 - SHADE

CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT

CITY OF BROOKHAVEN GEORGIA

REVISIONS

NO.	DATE	COMMENTS

PERMIT SET

SHEET TITLE
PAVILION B1
FOUNDATION PLAN
& SECTION

PROJECT NO. 20180	DATE 10/21/2021
DRAWN BY EMC	SCALE
CHECKED BY EMC	

SHEET NO.
S1.1B1

MATTHEWS STREET
(APPARENT 50' R/W)
(POSTED SPEED LIMIT 25 M.P.H.)

6'CLF
6'WPF
6'WPF
6'WPF
BUILDING B1.
SEE SHEET E1.0B1
PB
40' B.S.L.
20' B.S.L.
30' B.S.L.
30' B.S.L.
PROVIDE (1) 1"C WITH PULL STRING TO PANEL "MDP". PROVIDE (1) 1"C WITH PULL STRING TO NETWORK INTERFACE DEVICE.
BUILDING A.
(NOT IN THIS SCOPE OF WORK).
BUILDING B2.
(NOT IN THIS SCOPE OF WORK).
2327
MB
COM
1162
MB
1167
MB
1171
MB
EXISTING POLE MOUNTED UTILITY TRANSFORMER
PB
METER CENTER ON RACK.
(NOT IN THIS SCOPE OF WORK).
PROPOSED UNDERGROUND SECONDARY SERVICE ROUTE

ELECTRICAL SITE PLAN
SCALE: 1" =10'-0"

PINE ST

LOSE DESIGN
SPACES FOR LIFE.

REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. PEZZA
10/21/21

LANGFORD PARK IMPROVEMENTS
ELECTRICAL - BUILDING B1 - SHADE

CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT
CITY OF BROOKHAVEN
GEORGIA

REVISIONS

NO.	DATE	COMMENTS

PERMIT SET

SHEET TITLE
ELECTRICAL SITE PLAN

PROJECT NO. 20180	DATE 10/21/2021
DRAWN BY TAL	SCALE AS SHOWN
CHECKED BY AJP	

SHEET NO.
E0.1B1

PE
PARSONS ENGINEERING, INC.
NASHVILLE, TENNESSEE
PARSONSENGINEERING.COM

Project: 21204 Drawing: 21204 E0.1B (C).dwg

ELECTRICAL LEGEND

MOUNTING HEIGHTS MEASURED TO ℄

COORDINATE WITH ARCHITECT/OWNER'S REP FOR CONFIRMATION OF DEVICE MOUNTING HEIGHT (NO HIGHER THAN 54" PER ADA) PRIOR TO ROUGH-IN. TYPICAL FOR ALL LIGHT SWITCHES (INCLUDING DIMMERS & OCCUPANCY/VACANCY SENSORS), BUTTON/CONTROL STATIONS AND FIRE ALARM PULL STATIONS WHERE APPLICABLE.

- CONDUIT RUN CONCEALED IN WALL, CEILING, OR FLOOR
- CONDUIT RUN, CONCEALED IN FLOOR OR UNDERGROUND
- HOMERUN TO PANEL INDICATED
- RECEPTACLE, DUPLEX, 120V, 15A. UNO, @ 18" AFF TO BOTTOM
- RECEPTACLE, DUPLEX, 120V, 15A. UNO, SMH
- (J) JUNCTION BOX, SIZE AS REQUIRED
- S SWITCH, SINGLE POLE, 120/277V, 20A, 48" AFF TO TOP OF DEVICE.
- S_T TIMER SWITCH. SPRING WOUND. AUTO SHUT OFF. 120V, 20A SWITCH, NEMA 3R 30 MINUTE.
- LIGHTING FIXTURES SEE FIXTURE SCHEDULE
- (#) REFER TO GENERAL ELECTRICAL NOTE INDICATED
- SPD SURGE PROTECTIVE DEVICE

ABBREVIATIONS:

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
℄	CENTERLINE
CLG	CEILING
EX	EXISTING
GFI	GROUND FAULT INTERRUPTER
MTD	MOUNTED
SMH	SPECIAL MOUNTING HEIGHT (4" ℄ ABOVE CASEWORK/BACKSPLASH OR 45" ℄ AFF IF NO CASEWORK/BACKSPLASH)
UNO	UNLESS NOTED OTHERWISE
XFMR	TRANSFORMER
WP	WEATHERPROOF – WHILE IN USE
WR	WEATHERPROOF – WHITE NOT IN USE

GENERAL ELECTRICAL NOTES:

1. VISIT PROJECT SITE BEFORE SUBMISSION OF BID AND BECOME FAMILIAR WITH EXISTING CONDITIONS, LOCATIONS OF UTILITIES, AND EXTENT OF WORK REQUIRED.

2. COORDINATE INSTALLATION OF NEW SERVICE WITH LOCAL ELECTRIC UTILITY COMPANY. PROVIDE TRENCHING, CONDUIT, METER BASE, CONCRETE PAD, AND OTHER ITEMS AS REQUIRED. INSTALL SERVICE IN ACCORDANCE WITH CURRENT UTILITY COMPANY REQUIREMENTS.

3. COORDINATE INSTALLATION OF TELECOM SERVICE CONDUITS WITH LOCAL UTILITY COMPANIES. INSTALL A 2" CONDUIT FROM TELEPHONE SERVICE POINT TO NETWORK INTERFACE DEVICE.

4. VERIFY ELECTRICAL POWER REQUIREMENTS FOR ALL EQUIPMENT. PROVIDE CIRCUITS AND FUSES SIZED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.

5. PROVIDE DISCONNECT SWITCH FOR ANY HARDWIRED EQUIPMENT NOT SUPPLIED WITH DISCONNECTING MEANS. DISCONNECT SHALL BE RATED FOR LOCATION INSTALLED.

6. REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR LOCATIONS AND CONTROL REQUIREMENTS FOR MECHANICAL EQUIPMENT AND FOR STARTERS, DISCONNECT SWITCHES AND CONVENIENCE RECEPTACLES THAT MAY BE FURNISHED WITH THE EQUIPMENT.

7. PROVIDE CONTROL POWER SOURCE FOR ALL STARTERS AND CONTROL PANELS NOT SUPPLIED WITH CONTROL POWER TRANSFORMERS. INSTALL AND CONNECT ALL CONTROL DEVICES IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.

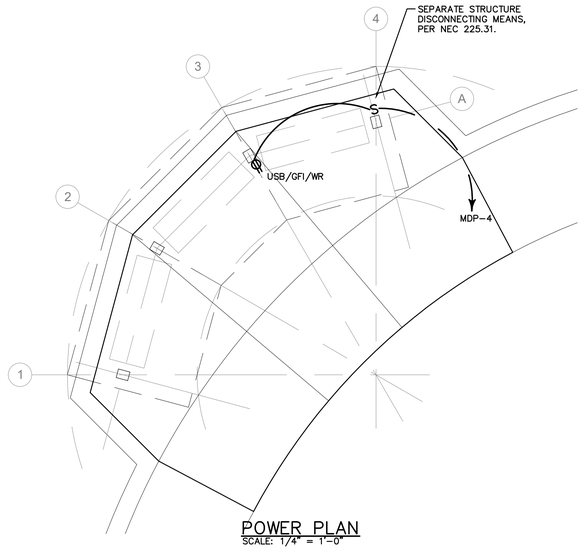
8. MAINTAIN CODE REQUIRED WORKING CLEARANCE AT ALL ELECTRICAL PANELS, DISCONNECT SWITCHES, AND STARTERS.

9. ALL GROUND-FAULT CIRCUIT-INTERRUPTER RECEPTACLES SHALL BE READILY ACCESSIBLE PER CODE. CONFIRM ACCESSIBILITY PRIOR TO ROUGH-IN. IF NECESSARY SERVE A STANDARD RECEPTACLE WITH AN INTEGRAL GROUND FAULT 20 AMP 1 POLE CIRCUIT BREAKER OR PROVIDE A STAND ALONE GFI DEVICE IN A READILY ACCESSIBLE ADJACENT LOCATION.

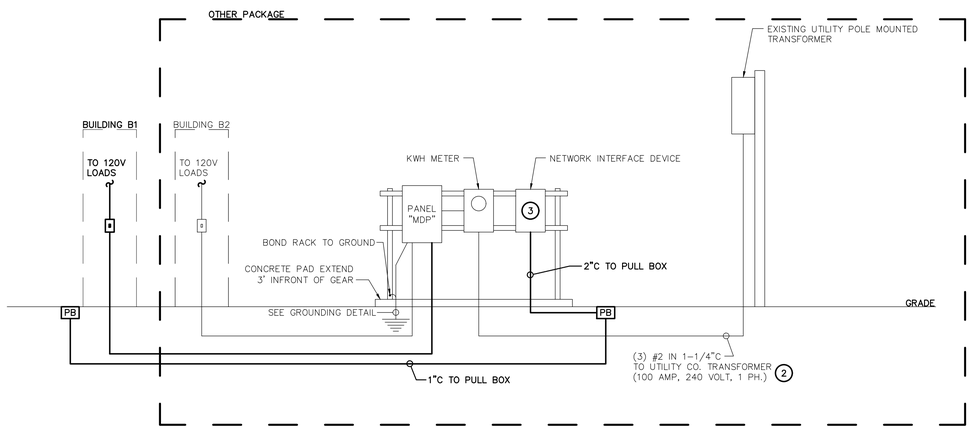
10. CONFIRM CIRCUITRY REQUIREMENTS OF OWNER FURNISHED EQUIPMENT INCLUDING MOUNTING HEIGHT(S) OF ELECTRICAL CONNECTION(S), RECEPTACLE NEMA CONFIGURATION OR OVERCURRENT PROTECTION SIZE & WIRE SIZE WITH FINAL VENDOR DRAWINGS PRIOR TO ROUGH-IN.

11. COORDINATE LOCATIONS OF ALL CEILING MOUNTED LIGHT FIXTURES WITH ARCHITECT'S REFLECTED CEILING PLANS AND ELEVATION DRAWINGS. PROVIDE FIXTURES COMPATIBLE WITH CEILING TYPE INSTALLED.

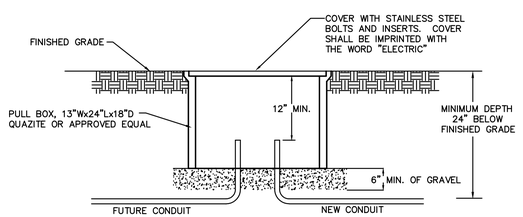
12. PROVIDE SURGE PROTECTIVE DEVICES (SPD) AT PANELBOARDS AS INDICATED. SPD EQUIPMENT TO BE RATED FOR 100,000 AMPS PER PHASE SURGE AT PANELBOARDS. CLAMPING VOLTAGE TO BE 600 VOLTS ON 120/240 VOLTS. SURGE MODULES SHALL BE REPLACEABLE.(APPROVED MANUFACTURER IS ERICO MODEL TDX100S120240 OR EQUAL.) IN THE EVENT MODULE IS MOUNTED SEPARATELY/ADJACENT TO PANEL, PROVIDE NEMA 3R ENCLOSURE FOR MODULE.



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



ELECTRICAL RISER DIAGRAM
SCALE: NO SCALE



UNDERGROUND PULLBOX
NO SCALE

PARSONS ENGINEERING, INC.
NASHVILLE, TENNESSEE
PARSONSENGINEERING.COM

LOSE DESIGN
SPACES FOR LIFE.

REGISTERED GEORGIA No. 027273 PROFESSIONAL ENGINEER ANTHONY J. PIZZA
10/21/21

LANGFORD PARK IMPROVEMENTS
ELECTRICAL - BUILDING B1 - SHADE

CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT
CITY OF BROOKHAVEN

REVISIONS		
NO.	DATE	COMMENTS

PERMIT SET

SHEET TITLE
BUILDING B1 & B2 LIGHTING AND POWER PLAN

PROJECT NO. 20180	DATE 10/21/2021
DRAWN BY TAL	SCALE AS SHOWN
CHECKED BY AJP	

SHEET NO.
E1.0B1

GENERAL BUILDING NOTES

ARCHITECTURAL

1. DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, OBTAIN CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION.
2. THE BUILDING LAYOUT SHALL BE BASED ON THE ARCHITECTURAL DRAWINGS AND COORDINATED WITH THE ARCHITECT. THE CONTRACTOR SHALL CHECK ALL GRADES AND FINAL DIMENSIONS "IN THE FIELD" AND REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.
3. BUILDING MATERIALS CONTAINING ASBESTOS OR OTHER HAZARDOUS MATERIALS ARE PROHIBITED ON THIS PROJECT.
4. PROVIDE POSITIVE DRAINAGE AT WALKS, STEPS, AND LANDINGS. THERE SHALL BE NO PONDING OF WATER.
5. ELECTRICAL BOXES LOCATED ON OPPOSITE SIDES OF WALLS OR PARTITIONS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES.
6. ALL MATERIALS PROVIDED SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATION AND AS PER CODE REQUIREMENTS.
7. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL MEET ALL ADOPTED BUILDING CODES, AND THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION.
8. ITEMS REQUIRING FINISH SELECTIONS THAT DO NOT APPEAR IN THE DOCUMENTS SHALL BE SELECTED FROM SHOP DRAWING SUBMITTALS.
9. THE DRAWINGS AND SPECIFICATIONS ARE TO BE CONSIDERED OF EQUAL VALUE; WHERE THERE IS A CONFLICT BETWEEN DRAWINGS AND SPECIFICATIONS, CONTACT THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING.
10. ROUGH FINISHING AND "OVER" CUTS AROUND ELECTRICAL OUTLETS WILL NOT BE ACCEPTED.
11. ALL STUD SPACING TO BE 16" O.C. UNLESS OTHERWISE NOTIFIED.
12. INTERIOR DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH, U.N.O.
13. ALL INTERIOR FIRE RATED PARTITIONS SHALL EXTEND TIGHT TO STRUCTURE ABOVE AND SHALL TERMINATE AT EXTERIOR SHEATHING. NON-FIRE RATED PARTITIONS SHALL BUTT INTO FACE OF FIRE RATED PARTITION SO THAT FIRE RATING INTEGRITY IS MAINTAINED.
14. SEAL ALL PENETRATIONS W/ APPROPRIATE RATED ASSEMBLIES TO MAINTAIN THE FIRE RATING OF THE INDIVIDUAL PARTITIONS OR WALLS. REFER TO THE 'UL RATING' SHEET.
15. ELECTRICAL PANELS, FIRE EXTINGUISHER CABINETS, ETC., LOCATED IN RATED PARTITIONS SHALL BE BACKED W/ TYPE-X DRYWALL ON FIVE SIDES TO MAINTAIN RATING, AS DETAILED IN DRAWINGS.
16. THE CONTRACTOR IS REQUIRED TO PROVIDE MATERIAL TO FULLY CONSTRUCT THE PROJECT PER THE DESIGN INTENT OF THE CONTRACT DOCUMENTS, WHETHER DETAILED OR IMPLIED. IF THE CONTRACTOR, AFTER REVIEW OF THE DRAWINGS, NEEDS ADDITIONAL INFORMATION OR CLARIFICATION CONTACT THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
17. THESE CONTRACT DOCUMENTS (DRAWINGS AND PROJECT MANUAL / SPECIFICATIONS) ARE TO BE CONSIDERED AS A WHOLE ENTITY. ANY CONTRACTOR, SUBCONTRACTOR, OR VENDOR THAT CHOOSES TO UTILIZE ONLY A PORTION OF THE DOCUMENTS TO BID, CONSTRUCT, OR SUPPLY MATERIAL FOR THE PROJECT SHALL ASSUME FULL RESPONSIBILITY FOR RELATED ITEMS THAT MAY BE CONTAINED ELSEWHERE IN THE DOCUMENTS. THE OWNER WILL GRANT NO ADDITIONAL TIME OR COST FOR CONSEQUENCES THAT MAY RESULT.
18. PROVIDE SIGNAGE FOR BUILDING IDENTIFICATION ON THE PUBLIC AND/OR PREDOMINANT SIDE OF THE BUILDING. SEE FLOOR PLAN AND ELEVATION FOR LOCATION. LETTERING SHALL BE MOUNTED ON A CONTRASTING BACKGROUND AND BE VISIBLE 24-HR PER DAY. SUBMIT ALL SIGNAGES TO LOCAL JURISDICTION HAVING AUTHORITY FOR APPROVAL PRIOR TO INSTALLATION.
19. SIGNS, LOCATION, NUMBER AND SIZE ARE NOT APPROVED UNDER THIS BUILDING PERMIT. A SEPARATE SIGN LOCATION PERMIT IS REQUIRED FOR EACH AND ALL SIGNS AND SIGNAGE.
20. A SIGN CLEARLY STATING THAT SMOKING IS PROHIBITED SHALL BE CONSPICUOUSLY POSTED WITHIN EACH BUILDING AND AT EACH BUILDING ENTRANCE FOR COMPLIANCE WITH LOCAL CLEAN INDOOR AIR ORDINANCE. ACCEPTABLE SIGNS SHALL DISPLAY EITHER "NO SMOKING" OR THE INTERNATIONAL "NO SMOKING" SYMBOL (CONSISTING OF A PICTORIAL REPRESENTATION OF A BURNING CIGARETTE ENCLOSED IN A RED CIRCLE WITH A RED BAR ACROSS IT).
21. THE FLOOR LEVEL ON BOTH SIDES OF ALL DOORS SHALL BE LEVEL FOR THE WIDTH OF THE DOOR.
    THE EXTERIOR SLAB AT EXTERIOR DOORS SHALL BE ¼" BELOW INTERIOR SLAB.
22. PROVIDE 6" H LETTERS TO ID. EACH BUILDING ON THE PUBLIC/PREDOMINANT SIDE OF THE BUILDING. LETTER SHALL BE MOUNTED ON A CONTRASTING BACKGROUND AND BE VISIBLE 24-HR PER DAY
23. CONTRACTORS REQUESTING INSPECTIONS SHALL SUBMIT AFFIDAVITS ON DEPT SUPPLIED FORMS 2 DAYS PRIOR TO DATE OF REQUESTED INSPECTION.
24. CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS, FEES, AND COORD. WITH ALL JURISDICTIONS HAVING AUTHORITY.
25. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL STAMPS AND DESIGN CERTIFICATION FOR PRE-MANUFACTURER BUILDING STRUCTURE, FOUNDATION AND CONNECTIONS.

ABBREVIATIONS

A.B. - ANCHOR BOLTS
ABV. - ABOVE
A.C.T. - ACOUSTICAL CEILING TILE
AD - AREA DRAIN
ADA - AMERICANS WITH DISABILITIES ACT
A.F.F. - ABOVE FINISHED FLOOR
ALUM. - ALUMINUM

BD - BOARD
BLDG. - BUILDING
BLKG. - BLOCK(ING)
BOTT. - BOTTOM

CC - CENTER TO CENTER
CJ - CONTROL JOINT
CL- CENTER LINE
CLG. - CEILING
CMU - CONCRETE MASONRY UNIT
CONC. - CONCRETE
CONSTR. - CONSTRUCTION
CONT. - CONTINUOUS
COORD. - COORDINATE
COL. - COLUMN

D.F. - DRINKING FOUNTAIN
D.S. - DOWNSPOUT
DTL - DETAIL

EA. - EACH
EJT - EXPANSION JOINT
ELEC. - ELECTRICAL
ENG. - ENGINEERED
EQP. - EQUIPMENT
EQ. - EQUAL
E.W.C. - ELECTRIC WATER COOLER
EXT. - EXTERIOR

FC. - FIBER CEMENTITIOUS
FD - FLOOR DRAIN
FE - FIRE EXTINGUISHER
FFE. - FINISHED FLOOR ELEVATION
FG - FIBER GLASS
FIN. - FINISH
FL. - FLOOR
FLUOR. - FLUORESCENT
FRMG. - FRAMING
FS - FLOOR SINK
FT. - FEET
FTG. - FOOTING
F-TRTD - FIRE TREATED
FIXT. - FIXTURE

GB - GLASS BLOCK
GSQ. FT. - GROSS SQUARE FEET
GYP. - GYPSUM

HC - HANDICAPPED
HM - HOLLOW METAL
HORIZ. - HORIZONTAL

INSUL. - INSULATED

JST. - JOIST
JT. - JOINT

KB. - KNOXBOX

MANUF. - MANUFACTURER
MATL - MATERIAL
MAX. - MAXIMUM
MECH. - MECHANICAL
MIN. - MINIMUM
MO - MASONRY OPENING
MTD. - MOUNTED

N.I.C. - NOT IN CONTRACT
N.T.S. - NOT TO SCALE

O.C. - ON CENTER
O.F.C.I. - OWNER FURNISHED, CONTRACTOR INSTALLED**
O.F.O.I. - OWNER FURNISHED, OWNER/VENDOR INSTALLED
O.F.E. - OWNER FURNISHED EQUIPMENT
OPP. - OPPOSITE

PAR. - PARALLEL
PEMB. - PRE-ENGINEERED METAL BUILDING
PERP. - PERPENDICULAR
PLYWD. - PLYWOOD
PT. - PRESSURE TREATED
PTD. - PAINTED
RCP - REFLECTED CEILING PLAN
REQ'D. - REQUIRED
REINF. - REINFORCING

SHT. - SHEET
SIM. - SIMILAR
SQ. - SQUARE
SS - STANDING SEAM
SST. - STAINLESS STEEL
STL. - STEEL
STRUC. - STRUCTURE
SYP. - SOUTHERN YELLOW PINE

T&G - TONGUE AND GROOVE
T.O. - TOP OF
TEMP. - TEMPERED
TLT. - TOILET
TRT'D - TREATED
TYP. - TYPICAL

U.G. - UNDERGROUND
U.N.O. - UNLESS NOTED OTHERWISE

VERT. - VERTICAL
V.C.T. - VINYL COMPOSITION TILE

W/ - WITH
W/O - WITHOUT
WC - WATER CLOSET
WD. - WOOD
WH - WATER HEATER

** ALWAYS IMPLIED UNLESS NOTED OTHERWISE

CODE REVIEW

SCOPE OF WORK: NEW SHADE AT BENCHES

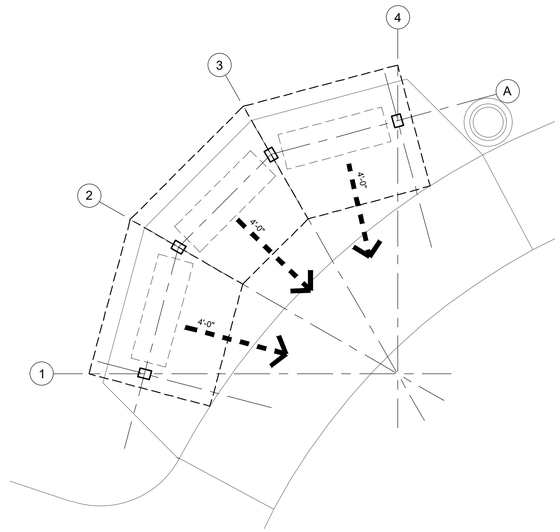
1. APPLICABLE CODES
   - 2018 INTERNATIONAL BUILDING CODE (IBC), WITH GEORGIA STATE AMENDMENTS (2020)
   - 2018 INTERNATIONAL PLUMBING CODE, WITH GEORGIA STATE AMENDMENTS (2020)
   - 2018 INTERNATIONAL MECHANICAL CODE, WITH GEORGIA STATE AMENDMENTS (2020)
   - 2018 INTERNATIONAL FUEL GAS CODE, WITH GEORGIA STATE AMENDMENTS (2020)
   - 2017 NFPA 70 NATIONAL ELECTRICAL CODE
   - 2015 INTERNATIONAL ENERGY CONSERVATION CODE, GEORGIA SUPPLEMENTS AND AMENDMENTS (2020)
   - CHAPTER 120-3-3 RULES AND REGULATIONS FOR THE STATE MINIMUM FIRE SAFETY STANDARDS
   - 2018 INTERNATIONAL FIRE CODE
   - 2018 NFPA 101 LIFE SAFETY CODE (LSC) WITH GEORGIA STATE FIRE MARSHAL AMENDMENTS.
   - GEORGIA ACCESSIBILITY CODE CHAPTER 120-3-20 (.01-08) - 2010 ADA STANDARD FOR ACCESSIBLE DESIGN.
2. OCCUPANCY GROUP
   - SHADE: GROUP A "ASSEMBLY" OCCUPANCY FIXED SEATING
3. CALCULATED OCCUPANT LOAD (IBC 1004 & TABLE 1004.1.2; LSC TABLE 7.3.1.2) AND NUMBER OF EXITS (LSC 7.4)
   - TOTAL OCCUPANTS: 3 BENCHES @ 3 PERSONS PER BENCH = 9 PERSONS
4. TYPE OF CONSTRUCTION (IBC CH. 6)
   OPEN SHADE FOR BENCHES: TYPE V-B (UN-PROTECTED / NON-SPRINKLER)
5. FIRE RATING (IBC TABLE 601/602; LSC 8.2.1.2)

BUILDING ELEMENT	REQUIRED	ACTUAL
• STRUCTURAL FRAME	0	0
• BEARING WALL-EXT. (TABLE 602), SUPPORT ROOF ONLY	0	0
• BEARING WALL-INTERIOR; SUPPORT ROOF ONLY	0	0
• NONBEARING WALL-EXTERIOR; SUPPORT ROOF ONLY	0	0
• NONBEARING WALL-INTERIOR	0	0
• ROOF CONSTRUCTION; SUPPORT ROOF ONLY	0	0
• ROOF-CEILING ASSEMBLY	0	0

6. BUILDING AREA / HEIGHT (IBC TABLE 506.2)

OCCUPANCY TYPE	ALLOWED	ACTUAL
BUILDING - SHADE:	9,000 SF/40 FT-2 STORIES	0 SF (ENCLOSED BLDG) 161 SF (AREA UNDER ROOF) ± 9'-6" HIGH -1 STORY

7. MEANS OF EGRESS
   - OPEN SHADE, DIRECT EGRESS
8. FIRE PROTECTION
   - FIRE ALARM SYSTEM NOT REQUIRED (LSC 38.3.4.1)
   - NOT SPRINKLERED
9. ROOF COVERINGS
   - CLASS C MIN. FOR CONSTRUCTION TYPE VB (IBC TABLE 1505.1)
   - ACTUAL = STANDING SEAM METAL ROOFING TO COMPLY WITH 1507.2



1 A2.1B LIFE SAFETY FLOOR PLAN
1/4" = 1'-0"

NORTH

LIFE SAFETY LEGEND

4'-0" ROOM TRAVELING FROM MAXIMUM TRAVEL DIST. TO OUTSIDE BUILDING

LEGEND GRAPHICS SYMBOLS

4.1 COLUMN LINE
9'-4" DIMENSION LINE (NOMINAL, UNO)
DOOR / 01 / DOOR NUMBER — DOOR TAG (REFER TO A8.1)
WINDOW / AA / WINDOW DESIGNATION — WINDOW TAG (REFER TO A8.2)
X / XX.X DETAIL SECTION REFERENCE CUT
X / XX.X WALL SECTION REFERENCE CUT
X / XX.X BUILDING SECTION REFERENCE CUT
X / XX.X EXT. ELEVATION REFERENCE
X / XX.X INT. ELEVATION REFERENCE
14 PLAN KEYNOTE
A0 EXTERIOR ELEVATION KEYNOTE
1 TOILET ACCESSORIES
A CONCESSION EQUIPMENT
BENCH MARK
A00 SIGNAGE (ROOM AND BLDG)
X / AX.XX LARGE SCALE DETAIL REFERENCE MARK
2 REVISION
SLOPED FLOOR WITH FLOOR DRAIN
ROOM NAME / ROOM # ROOM NAME AND NUMBER

LOSE DESIGN
SPACES FOR LIFE.

STATE OF GEORGIA
SEAN CHRISTOPHER LOSE
CERTIFICATE NO. RA019598
REGISTERED ARCHITECT
10.21.2021

LANGFORD PARK IMPROVEMENTS
ARCHITECTURAL - BUILDING B2 - SHADE
CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT
CITY OF BROOKHAVEN GEORGIA

REVISIONS		
NO.	DATE	COMMENTS

PERMIT SET

SHEET TITLE
GENERAL NOTES, ABBREVIATIONS, LEGEND GRAPHICS SYMBOLS, CODE REVIEW

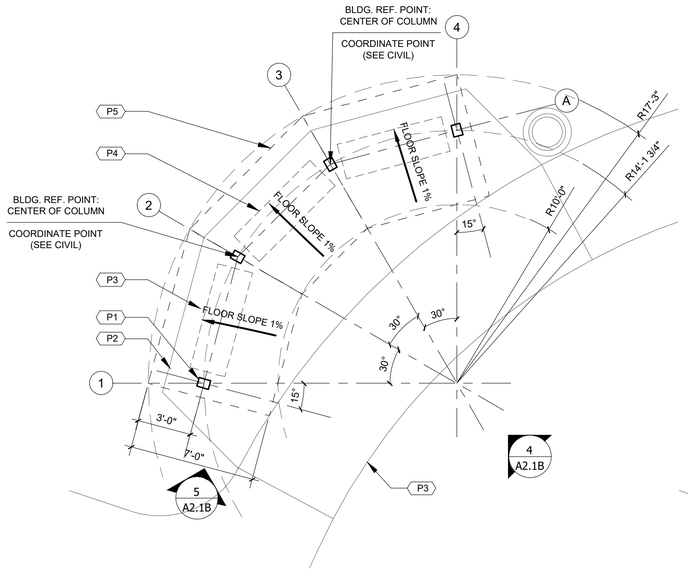
PROJECT NO. 20180	DATE 10/21/2021
DRAWN BY LWS	SCALE AS NOTED
CHECKED BY SG	

SHEET NO.
A0.1B2

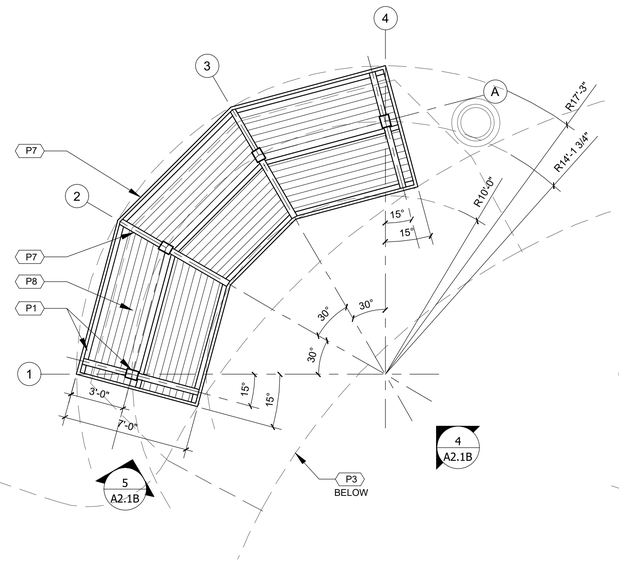
BUILDING B2 PRE-ENGINEERED STEEL TUBE SHADE.
ALL PARTS AND FINISHES ARE PROVIDED BY SHADE MANUFACTURER U.N.O.
INSTALLATION OF ALL PARTS MUST BE IN STRICT ACCORDANCE OF SHADE MANUFACTURER.
INSTALLER SHALL BE APPROVED BY SHADE MANUFACTURER. SEE SPECIFICATIONS.

ALL EXPOSED STEEL AT PRE-ENGINEERED SHADE TO BE POWDER-COATED FINISH BY SHADE MANUFACTURER.

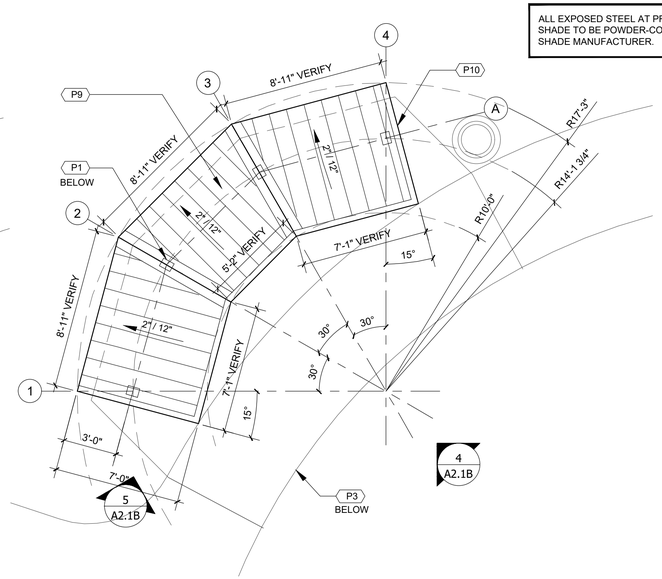
NO EXPOSED CONDUIT, RUN ALL CONDUIT INSIDE FRAMING, COORDINATE WITH ELECTRICAL.



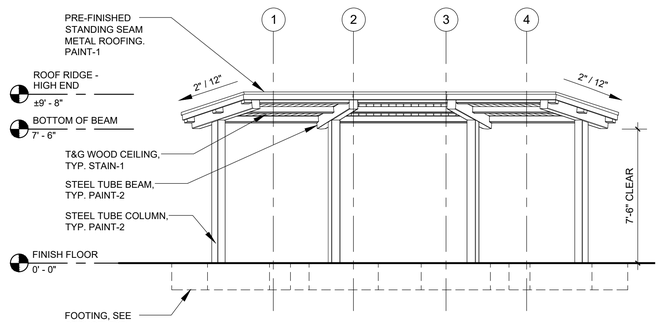
1 A2.1B2 FLOOR PLAN 1/4" = 1'-0"



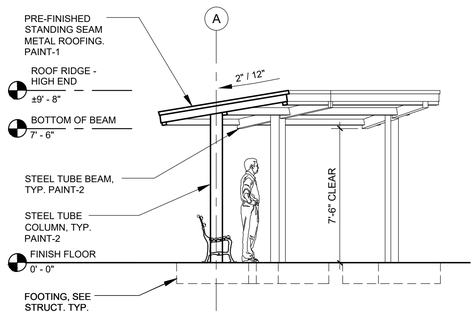
2 A2.1B2 REFLECTED CEILING PLAN 1/4" = 1'-0"



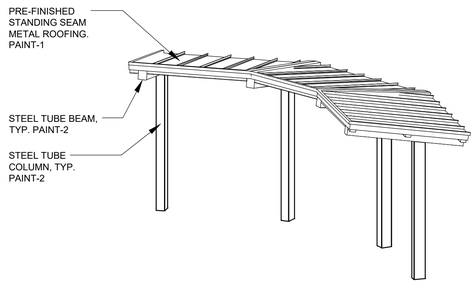
3 A2.1B2 ROOF PLAN 1/4" = 1'-0"



4 A2.1B2 FRONT ELEVATION 1/4" = 1'-0"



5 A2.1B2 SIDE ELEVATION 1/4" = 1'-0"



6 A2.1B2 PERSPECTIVE N.T.S.

BUILDING - F SQUARE FOOTAGE:

TOTAL ENCLOSED AREA (GROSS):	0 GSF
TOTAL AREA UNDER ROOF:	161 SF

- P1 STEEL TUBE COLUMN AND FRAME, SHOP PRIMED & PAINTED, REFER TO MANUFACTURE STANDARDS FOR DETAILS AND ATTACHMENTS. PROVIDED BY PAVILION MANUFACTURER. PAINT-2.
- P2 CONCRETE FOUNDATION, SEE STRUCTURAL. TYP. PROVIDED BY GC.
- P3 CONCRETE SLAB AND SLOPE - SEE CIVIL DRAWINGS.
- P4 BENCH, TYP. SEE SITE.
- P5 EDGE OF ROOF OVERHANG ABOVE, TYP.
- P6 NOT USED.
- P7 STEEL TUBE BEAM, TYP. SHOP PRIMED & PAINTED, REFER TO MANUFACTURE STANDARDS FOR DETAILS AND ATTACHMENTS. PROVIDED BY SHADE MANUFACTURER. PAINT-2.
- P8 SYP (SOUTHERN YELLOW PINE) T&G WOOD CEILING. STAIN-1
- P9 PRE-FINISHED STANDING SEAM METAL ROOFING, COLOR: PAINT-1, SEE FINISH SCHEDULE & SPEC. FACTORY PRIMER WHITE ON UNDERSIDE OF METAL ROOF.
- P10 PRE-FINISHED METAL FLASHING W/ DRIP-EDGE AND CONT. KEEPER/CLEAT, CONT. TO UNDERSIDE OF 2X6 FASCIA BOARD, TYP. PAINT-1.

FINISH SCHEDULE

CODE	MFR./MAT.	COLOR	TYPE	FINISH	NOTES
PAINT - 1	KYNAR 500	LIGHT GRAY	PDVF		PREFINISH, EXTERIOR
PAINT - 2	POLIGON ANTIQUITY FINISH	RUSTIC BROWN	HOT-DIP GALV.		PREFINISH, EXTERIOR
STAIN-1	SW - SEMI TRANSPARENT	SW 3512 CIDER MILL	OIL BASED	SEMI-GLOSS	EXTERIOR

FINISH NOTES

1. NUMBER DENOTES COLOR
2. SEE SPECS FOR PRIMER AND FINISH SYSTEMS

GENERAL NOTES

1. CONSTRUCTION DRAWINGS TO BE SUBMITTED BY GC. FOR APPROVAL. DRAWINGS SHALL BE OBTAINED FROM THE PAVILION MANUFACTURER.
2. ALL DIMENSIONS TO BE VERIFIED WITH CONSTRUCTION DRAWINGS FROM PAVILION MANUFACTURER.
3. ELEVATION MARKS TO BE VERIFIED WITH CONSTRUCTION DRAWINGS FROM PAVILION MANUFACTURER.
4. ARCHITECTURAL BUILDING FFE. LISTED AS 0'-0", COORDINATE ACTUAL W/ CIVIL.
5. COORDINATE ALL ELECTRICAL CONDUITS AND JUNCTION BOXES W/ PAVILION MANUFACTURER. CONCEAL CONDUITS INSIDE STRUCTURAL FRAME FOR MINIMUM VISIBLE EXPOSURE. PAINT ANY EXPOSED CONDUIT TO MATCH COLOR OF ADJACENT SURFACE.
6. COORDINATE ALL FOUNDATION REQUIREMENTS WITH PAVILION MANUFACTURER, SEE STRUCTURAL DRAWINGS
7. REFER TO SITE DRAWINGS FOR SITE FURNITURE PLACEMENT AND SPECIFICATIONS.
8. INSTALL PRE-ENGINEERED PAVILION TO COMPLY WITH MANUFACTURER'S INSTALLATION DETAIL TO MAINTAIN WARRANTY AS SPECIFIED.
9. THE PRE-ENGINEERED PAVILION SHALL COMPLY WITH ALL CURRENT BUILDING CODES.
10. THE PRE-ENGINEERED PAVILION INDICATED ON THIS SHEET IS FOR DESIGN INTENT ONLY. CONTRACTOR SHALL SUBMIT A COMPLETE FABRICATION AND ERECTION DRAWINGS WITH SPECIFIED MATERIAL, SIZES, CONNECTION DETAILS AND LOCATIONS FOR ALL STRUCTURAL ELEMENTS, INCLUDING ANCHORAGE TO FOUNDATION TO ADEQUATELY RESIST ALL APPLICABLE DESIGN LOADS. ALL DRAWINGS TO BEAR THE SEAL OF THE CORRESPONDING DESIGN PROFESSIONAL REGISTERED IN THE STATE OF GEORGIA WITH HANDWRITTEN SIGNATURE THEREON.
11. ELECTRICAL OUTLETS MOUNTED ON STEEL COLUMN, SEE ELECTRICAL DRAWINGS FOR ELECTRICAL OUTLET AND ACCESS AND TIMER/PANEL LOCATION.

LOSE DESIGN
SPACES FOR LIFE.

STATE OF GEORGIA
SEAN CHRISTOPHER GUTH
CERTIFICATE NO. RA031808
REGISTERED ARCHITECT
10.21.2021

LANGFORD PARK IMPROVEMENTS
ARCHITECTURAL - BUILDING B2 - SHADE
CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT
CITY OF BROOKHAVEN GEORGIA

REVISIONS

NO.	DATE	COMMENTS

PERMIT SET

SHEET TITLE
PLANS AND ELEVATIONS

PROJECT NO. | DATE
DRAWN BY LWS | SCALE AS NOTED
CHECKED BY SG
SHEET NO.
A2.1B2

STRUCTURAL SPECIAL INSPECTION SCHEDULES

THE STATEMENT OF SPECIAL INSPECTION IS SUBMITTED AS A CONDITION FOR PERMIT ISSUANCE IN ACCORDANCE WITH THE SPECIAL INSPECTION AND STRUCTURAL TESTING REQUIREMENTS OF THE BUILDING CODE. IT INCLUDES A SCHEDULE OF SPECIAL INSPECTION SERVICES APPLICABLE TO THIS PROJECT.

THE SPECIAL INSPECTOR SHALL KEEP RECORDS OF ALL INSPECTIONS AND SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROCESSIONAL IN RESPONSIBLE CHARGE. DISCOVERED DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF SUCH DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. THE SPECIAL INSPECTION PROGRAM DOES NOT RELIEVE THE CONTRACTOR OF HIS OR HER RESPONSIBILITIES.

INTERIM REPORTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.

A FINAL REPORT OF SPECIAL INSPECTIONS DOCUMENTING COMPLETION OF ALL REQUIRED SPECIAL INSPECTION, TESTING, AND CORRECTION OF AN DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED PRIOR TO ISSUANCE OF A CERTIFICATE OF USE AND OCCUPANCY. JOB SITE SAFETY AND MEAN AND METHODS OF CONSTRUCTION ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.

SPECIAL INSPECTION SCHEDULE: FABRICATORS

VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	FREQUENCY	
		CONTINUOUS	PERIODIC
1. VERIFY FABRICATION AND IMPLEMENTATION PROCEDURES:			
A. STEEL CONSTRUCTION – BRIDGES	N	--	--
B. CONCRETE CONSTRUCTION (INCLUDING REBAR FABRICATION)	N	--	--
C. WOOD CONSTRUCTION	N	--	--
D. COLD-FORMED METAL CONSTRUCTION	N	--	--
E. OTHER CONSTRUCTION	N	--	--

SPECIAL INSPECTION SCHEDULE: SOILS

VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	FREQUENCY	
		CONTINUOUS	PERIODIC
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	Y	--	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL	Y	--	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	Y	--	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	Y	X	--
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	Y	--	X

SPECIAL INSPECTION SCHEDULE: CAST-IN-PLACE FOUNDATION ELEMENTS

VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	FREQUENCY	
		CONTINUOUS	PERIODIC
1. SPECIAL INSPECTIONS AND VERIFICATIONS FOR CONCRETE FOUNDATION CONSTRUCTION IN ACCORDANCE WITH THE SPECIAL INSPECTION SCHEDULE			
A. ISOLATED SPREAD CONCRETE FOOTINGS	Y	--	X
B. CONTINUOUS CONCRETE FOOTINGS SUPPORTING WALLS	Y	--	X
C. CONCRETE FOUNDATION WALLS	Y	--	X

SPECIAL INSPECTION SCHEDULE: CONCRETE CONSTRUCTION

VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	FREQUENCY	
		CONTINUOUS	PERIODIC
1. INSPECTION OF REINFORCING STEEL, INCLUDING PLACEMENT.	Y	X	--
2. INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED.	Y	--	X
3. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.	Y	--	X
4. VERIFYING USE OF REQUIRED DESIGN MIX.	Y	--	X
5. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	Y	X	--
6. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	Y	--	X
7. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	Y	--	X

STRUCTUAL GENERAL NOTES

CODE INFORMATION

1. All construction shall conform to the 2018 INTERNATIONAL BUILDING CODE (IBC) with 2020 GEORGIA STATE AMENDMENTS.

2. 2018 IBC referenced standards to be used, as applicable:
   2.1. Load Criteria (dead, live, snow, wind, seismic) – ASCE 7-16
   2.2. Concrete Design – ACI 318-14
   2.3. Steel Design – AISC 360-10, AISC 341-16, Manual of Steel Construction, 15th Edition

GENERAL DESIGN INFORMATION

1. Verify existing conditions and dimensions. Immediately notify the engineer of record of any conditions which do not comply with plans and specifications. Structural drawings shall be coordinated with the civil drawings.

2. Contract documents shall not be reproduced for use as shop drawings.

3. The design adequacy of all temporary bracing and shoring is the sole responsibility of the contractor.

4. Refer to architectural, mechanical, plumbing, electrical, and civil drawings for locations of miscellaneous items (openings, bent plates, inserts, etc.) affecting structural work.

DESIGN LOADS

1. DEAD LOADS:
   1.1. Shade Structures
      1.1.1. Selfweight
      1.1.2. Miscellaneous: 3 psf (min)

2. LIVE LOADS:
   2.1. Roofs: 20 psf (reducible per IBC)

3. SNOW LOADS:
   3.1. Ground snow load, Pg: 5 psf

4. WIND DATA (per ASCE 7):
   4.1. Basic Wind Speed (3-sec gust):
      4.1.1. Vult = 110 mph
      4.1.2. Vasd = 85 mph
   4.2. Risk Category: II
   4.3. Exposure Category: B

5. SEISMIC DATA (per ASCE 7):
   5.1. Risk Category: II
   5.2. Importance Factor: I = 1.0
   5.3. Mapped Spectral Response Accelerations:
      5.3.1. Ss = 0.192
      5.3.2. S1 = 0.087
   5.4. Site Class: D
   5.5. Spectral Response Coefficients:
      5.5.1. Sds = 0.205
      5.5.2. Sd1 = 0.139
   5.6. Seismic Design Category: C
   5.7. Basic Seismic Force Resisting System: Ordinary cantilevered steel columns
   5.8. Response Modification Coefficient: R = 1.25
   5.9. Seismic Response Coefficient: Cs = 0.164
   5.10. Base Shear: .60 kips (approximate. Prefabricated structure manufacturer to confirm)

SPECIAL INSPECTIONS AND TESTING

1. Per attached schedule, this sheet

STRUCTURAL OBSERVATIONS

1. The Structural Engineer of Record has not been employed to perform periodic visual observation of the structures during construction for general conformance to the contract design drawings.

FOUNDATION NOTES

1. The foundation design is based on the following assumptions. A geotechnical engineer shall be employed prior to the start of construction to investigate subsurface conditions. If the geotechnical report indicates these assumptions are incorrect, immediately notify the engineer of record.

2. Footings are designed to bear on uniform soils capable of supporting 2000 psf. Design assume differential and total settlements are within accepted tolerances for the type of construction used.

3. The soil bearing capacity and consistency shall be verified for the foundation limits by a professional geotechnical engineer registered in the project state when the foundation excavations have been carried down to the proposed elevations. The bottom of all footings shall be a minimum of 1'-6" below finished grade, unless noted otherwise

4. Where footing excavations are to remain open and may be exposed to rainfall, the excavations shall be undercut and a 3 inch thick mud mat of 2000 psi concrete shall be placed in the bottom to protect the soils.

REINFORCED CONCRETE

1. The design of all concrete work shall conform to ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".

2. Reinforcing steel shall be deformed bars meeting the requirements of ASTM A615, Grade 60.

3. The 28-day compressive strength of all cast-in-place concrete shall be:
   3.1. Footings independent of slabs-on-grade – 3000 psi
   3.2. – 4000 psi
   3.3. Retaining walls –4000 psi
   3.4. Site concrete – see Civil Drawings

4. All concrete shall be air-entrained.

5. Lap splices for reinforcing bars shall be as follows:

BAR SIZE	STD LAP	1.3 x STD LAP
4	24"	32"
5	32"	40"

Use Std Lap lengths except when horizontal reinforcing has more than 12" of fresh concrete cast below it, then use 1.3 x Std Lap lengths.

6. Clear concrete cover for reinforcing steel shall be:
   6.1. Footings cast against soil or rock – 3"
   6.2. Footing cast against forms – 2"

7. Mechanical vibrators shall be used to vibrate all concrete.

8. Concrete shall be sampled and tested in accordance with project specifications. A copy of all concrete compressive strength tests reports shall be kept at the job site at all times for review by the inspector.

LOSE DESIGN
SPACES FOR LIFE.

EMC
STRUCTURAL ENGINEERS, P.C.
4525 Trousdale Drive
Nashville, Tennessee 37204
(o) 615.781.8199
(f) 615.781.4088

EMC Project No. 21273

REGISTERED
PE037354
PROFESSIONAL ENGINEER
10-21-2021
BENJAMIN B FARIS

LANGFORD PARK IMPROVEMENTS
BUILDING B2 - SHADE
CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT
CITY OF BROOKHAVEN
GEORGIA

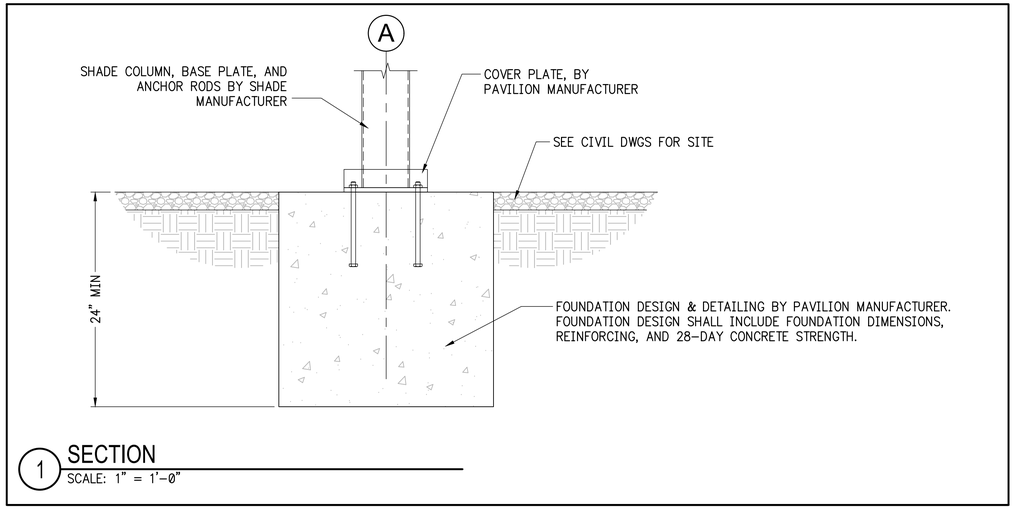
REVISIONS		
NO.	DATE	COMMENTS

PERMIT SET

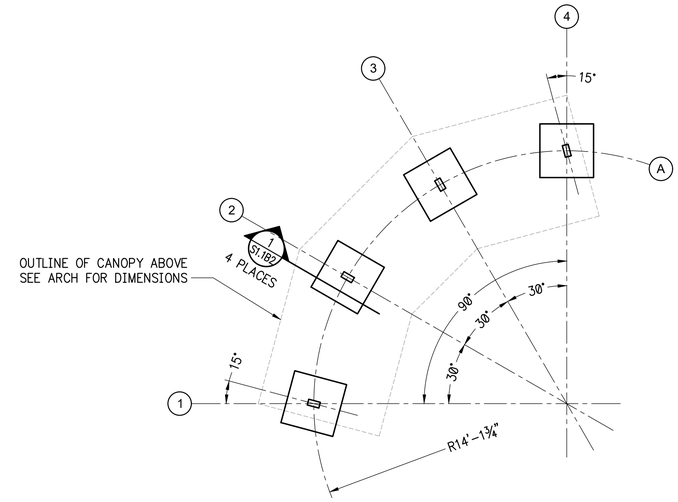
SHEET TITLE
PAVILION B2
STRUCTURAL GENERAL NOTES
SPECIAL INSPECTION PLAN

PROJECT NO. 20180	DATE 10/21/2021
DRAWN BY EMC	SCALE
CHECKED BY EMC	

SHEET NO.
S0.1B2



1 SECTION
SCALE: 1" = 1'-0"



FOUNDATION PLAN - BUILDING B2 - SHADE

SCALE: ¼" = 1'-0"

NOTES:

1. TOP OF FOOTINGS SHALL BE A MINIMUM OF 8" BELOW FINISHED GRADE.
2. CONTRACTOR SHALL COORDINATE ANY UNDERGROUND UTILITIES, CONDUITS, PIPES, ETC.
3. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND ELEVATIONS NOT SHOWN.

LOSE DESIGN
SPACES FOR LIFE.

EMC
STRUCTURAL ENGINEERS, P.C.
4525 Trousdale Drive
Nashville, Tennessee 37204
(o) 615.781.8199
(f) 615.781.4088

EMC Project No. 21273

GEORGIA
REGISTERED
PROFESSIONAL
ENGINEER
BENJAMIN B FARIS
PE037384
10-21-2021

LANGFORD PARK IMPROVEMENTS
BUILDING B2 - SHADE
CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT
CITY OF BROOKHAVEN

REVISIONS		
NO.	DATE	COMMENTS

PERMIT SET

SHEET TITLE
PAVILION B2
FOUNDATION PLAN
& SECTION

PROJECT NO. 20180	DATE 10/21/2021
DRAWN BY EMC	SCALE
CHECKED BY EMC	

SHEET NO.
S1.1B2

6'CLF

6'WPF

6'WPF

6'WPF

BUILDING B1.
(NOT IN THIS SCOPE OF WORK).

40' B.S.L.

20' B.S.L.

30' B.S.L.

BUILDING A.
SEE SHEET E1.00A

BUILDING B2.
SEE SHEET E1.0B2.

30' B.S.L.

MATTHEWS STREET
(APPARENT 50' R/W)
(POSTED SPEED LIMIT 25 M.P.H.)

2327 MB

ELECTRICAL SITE PLAN
SCALE: 1" =10'-0"

1162 MB

METER CENTER ON RACK.
(NOT IN THIS SCOPE OF WORK).

EXISTING POLE MOUNTED UTILITY TRANSFORMER

PROPOSED UNDERGROUND SECONDARY SERVICE ROUTE

COM

MB 1167

MB 1171

PINE ST

Project: 21204 Drawing: 21204 E0.10 (2).dwg

LOSE DESIGN
SPACES FOR LIFE.

REGISTERED
GA. NO. 35723
PROFESSIONAL
ENGINEER
ANTHONY J. PIZZA
10/21/21

LANGFORD PARK IMPROVEMENTS
ELECTRICAL - BUILDING B2 - SHADE
CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT
CITY OF BROOKHAVEN
GEORGIA

REVISIONS

NO.	DATE	COMMENTS

PERMIT SET

SHEET TITLE
ELECTRICAL SITE PLAN

PROJECT NO. 20180	DATE 10/21/2021
DRAWN BY TAL	SCALE AS SHOWN
CHECKED BY AJP	

SHEET NO.
E0.1B2

PE
PARSONS ENGINEERING, INC.
NASHVILLE, TENNESSEE
PARSONSENGINEERING.COM

ELECTRICAL LEGEND

MOUNTING HEIGHTS MEASURED TO ℄

COORDINATE WITH ARCHITECT/OWNER'S REP FOR CONFIRMATION OF DEVICE MOUNTING HEIGHT (NO HIGHER THAN 54" PER ADA) PRIOR TO ROUGH-IN. TYPICAL FOR ALL LIGHT SWITCHES (INCLUDING DIMMERS & OCCUPANCY/VACANCY SENSORS), BUTTON/CONTROL STATIONS AND FIRE ALARM PULL STATIONS WHERE APPLICABLE.

- CONDUIT RUN CONCEALED IN WALL, CEILING, OR FLOOR
- CONDUIT RUN, CONCEALED IN FLOOR OR UNDERGROUND
- HOMERUN TO PANEL INDICATED
- RECEPTACLE, DUPLEX, 120V, 15A. UNO, @ 18" AFF TO BOTTOM
- RECEPTACLE, DUPLEX, 120V, 15A. UNO, SMH
- (J) JUNCTION BOX, SIZE AS REQUIRED
- S SWITCH, SINGLE POLE, 120/277V, 20A, 48" AFF TO TOP OF DEVICE.
- S_T TIMER SWITCH. SPRING WOUND. AUTO SHUT OFF. 120V, 20A SWITCH, NEMA 3R 30 MINUTE.
- LIGHTING FIXTURES SEE FIXTURE SCHEDULE
- (#) REFER TO GENERAL ELECTRICAL NOTE INDICATED
- SPD SURGE PROTECTIVE DEVICE

ABBREVIATIONS:

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
℄	CENTERLINE
CLG	CEILING
EX	EXISTING
GFI	GROUND FAULT INTERRUPTER
MTD	MOUNTED
SMH	SPECIAL MOUNTING HEIGHT (4" ℄ ABOVE CASEWORK/BACKSPLASH OR 45" ℄ AFF IF NO CASEWORK/BACKSPLASH)
UNO	UNLESS NOTED OTHERWISE
XFMR	TRANSFORMER
WP	WEATHERPROOF – WHILE IN USE
WR	WEATHERPROOF – WHITE NOT IN USE

GENERAL ELECTRICAL NOTES:

1. VISIT PROJECT SITE BEFORE SUBMISSION OF BID AND BECOME FAMILIAR WITH EXISTING CONDITIONS, LOCATIONS OF UTILITIES, AND EXTENT OF WORK REQUIRED.

2. COORDINATE INSTALLATION OF NEW SERVICE WITH LOCAL ELECTRIC UTILITY COMPANY. PROVIDE TRENCHING, CONDUIT, METER BASE, CONCRETE PAD, AND OTHER ITEMS AS REQUIRED. INSTALL SERVICE IN ACCORDANCE WITH CURRENT UTILITY COMPANY REQUIREMENTS.

3. COORDINATE INSTALLATION OF TELECOM SERVICE CONDUITS WITH LOCAL UTILITY COMPANIES. INSTALL A 2" CONDUIT FROM TELEPHONE SERVICE POINT TO NETWORK INTERFACE DEVICE.

4. VERIFY ELECTRICAL POWER REQUIREMENTS FOR ALL EQUIPMENT. PROVIDE CIRCUITS AND FUSES SIZED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.

5. PROVIDE DISCONNECT SWITCH FOR ANY HARDWIRED EQUIPMENT NOT SUPPLIED WITH DISCONNECTING MEANS. DISCONNECT SHALL BE RATED FOR LOCATION INSTALLED.

6. REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR LOCATIONS AND CONTROL REQUIREMENTS FOR MECHANICAL EQUIPMENT AND FOR STARTERS, DISCONNECT SWITCHES AND CONVENIENCE RECEPTACLES THAT MAY BE FURNISHED WITH THE EQUIPMENT.

7. PROVIDE CONTROL POWER SOURCE FOR ALL STARTERS AND CONTROL PANELS NOT SUPPLIED WITH CONTROL POWER TRANSFORMERS. INSTALL AND CONNECT ALL CONTROL DEVICES IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.

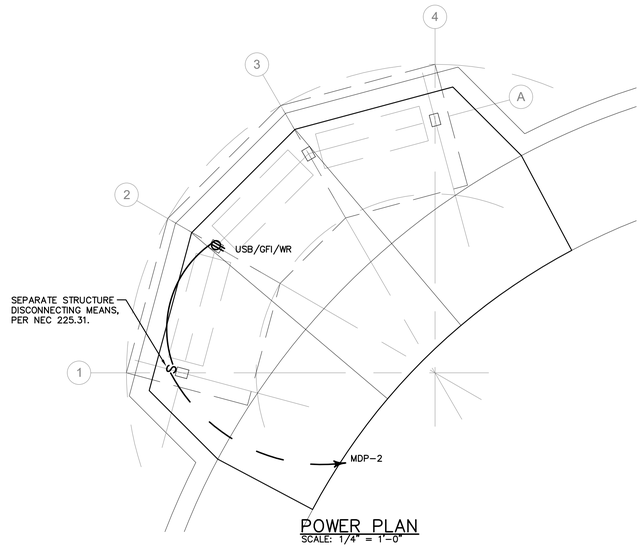
8. MAINTAIN CODE REQUIRED WORKING CLEARANCE AT ALL ELECTRICAL PANELS, DISCONNECT SWITCHES, AND STARTERS.

9. ALL GROUND-FAULT CIRCUIT-INTERRUPTER RECEPTACLES SHALL BE READILY ACCESSIBLE PER CODE. CONFIRM ACCESSIBILITY PRIOR TO ROUGH-IN. IF NECESSARY SERVE A STANDARD RECEPTACLE WITH AN INTEGRAL GROUND FAULT 20 AMP 1 POLE CIRCUIT BREAKER OR PROVIDE A STAND ALONE GFI DEVICE IN A READILY ACCESSIBLE ADJACENT LOCATION.

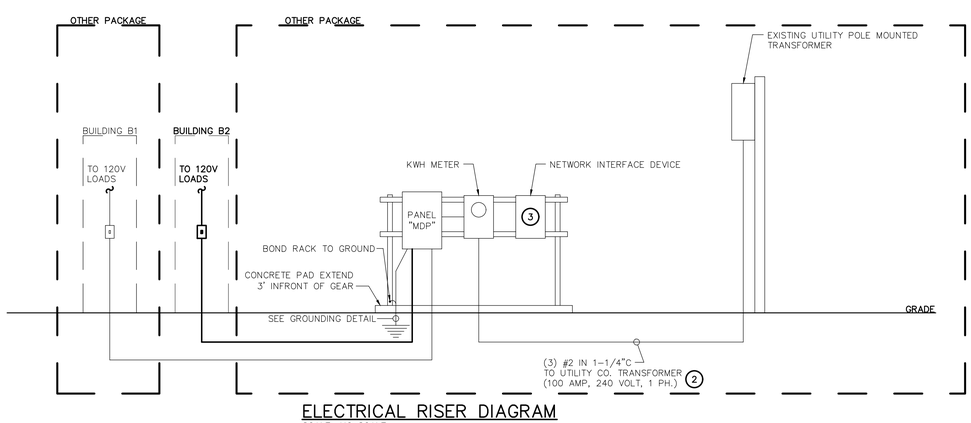
10. CONFIRM CIRCUITRY REQUIREMENTS OF OWNER FURNISHED EQUIPMENT INCLUDING MOUNTING HEIGHT(S) OF ELECTRICAL CONNECTION(S), RECEPTACLE NEMA CONFIGURATION OR OVERCURRENT PROTECTION SIZE & WIRE SIZE WITH FINAL VENDOR DRAWINGS PRIOR TO ROUGH-IN.

11. COORDINATE LOCATIONS OF ALL CEILING MOUNTED LIGHT FIXTURES WITH ARCHITECT'S REFLECTED CEILING PLANS AND ELEVATION DRAWINGS. PROVIDE FIXTURES COMPATIBLE WITH CEILING TYPE INSTALLED.

12. PROVIDE SURGE PROTECTIVE DEVICES (SPD) AT PANELBOARDS AS INDICATED. SPD EQUIPMENT TO BE RATED FOR 100,000 AMPS PER PHASE SURGE AT PANELBOARDS. CLAMPING VOLTAGE TO BE 600 VOLTS ON 120/240 VOLTS. SURGE MODULES SHALL BE REPLACEABLE.(APPROVED MANUFACTURER IS ERICO MODEL TDX100S120240 OR EQUAL.) IN THE EVENT MODULE IS MOUNTED SEPARATELY/ADJACENT TO PANEL, PROVIDE NEMA 3R ENCLOSURE FOR MODULE.



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



ELECTRICAL RISER DIAGRAM
SCALE: NO SCALE

LOSE DESIGN
SPACES FOR LIFE.

REGISTERED No. 027273 PROFESSIONAL ENGINEER ANTHONY J. PIZZA
10/21/21

LANGFORD PARK IMPROVEMENTS
ELECTRICAL - BUILDING B2 - SHADE
CITY OF BROOKHAVEN PARKS AND REKREATION DEPARTMENT
CITY OF BROOKHAVEN
GEORGIA

REVISIONS		
NO.	DATE	COMMENTS

PERMIT SET

SHEET TITLE
BUILDING B1 & B2 LIGHTING AND POWER PLAN

PROJECT NO. 20180	DATE 10/21/2021
DRAWN BY TAL	SCALE AS SHOWN
CHECKED BY AJP	

SHEET NO.
E1.0B2

PE
PARSONS ENGINEERING, INC.
NASHVILLE, TENNESSEE
PARSONSENGINEERING.COM

Project: 21204 Drawing: 21204 E1.0 E2.0 (1).dwg