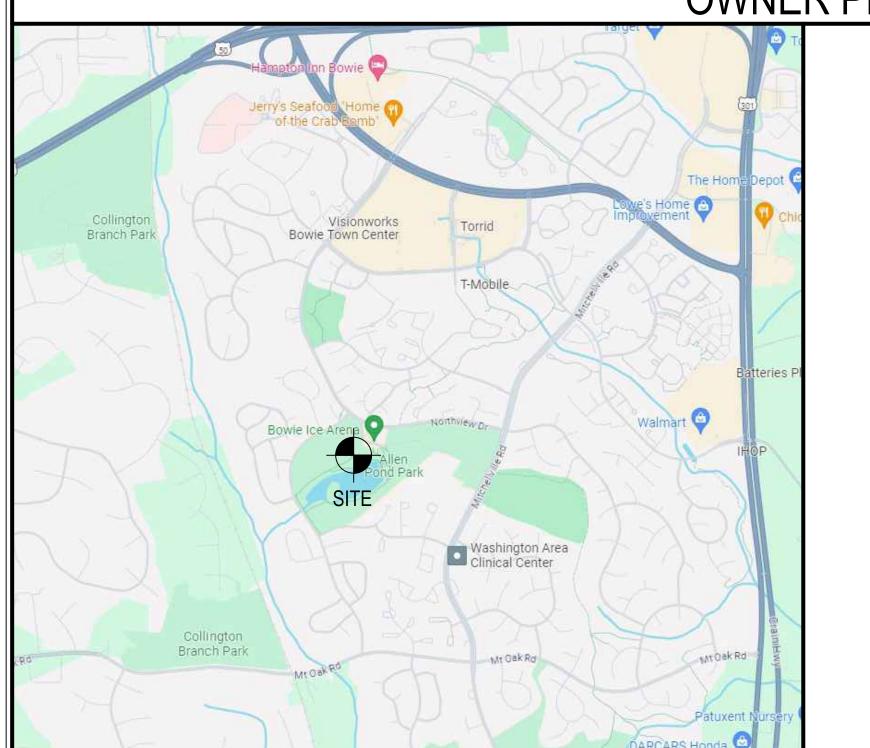
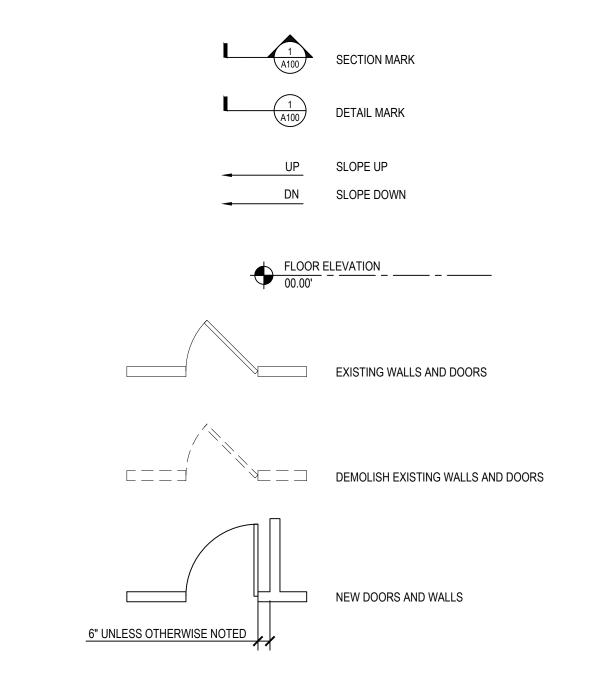
### ALLEN POND PARK STAGE & STAGE CANOPY RENOVATION

### 3330 NORTHVIEW DRIVE BOWIE, MD 20716



### GBA PROJECT NUMBER: 20668





DISCIPLINE		SHEET TITLE
GENERAL INFO	A000	COVER SHEET
CIVIL DRAWINGS	C101 C201 C202 C301	CIVIL GENERAL NOTES EXISTING CONDITIONS SITE PLAN DETAIL SHEET
ARCHITECTURAL	D101 A101 A201 A202 A501	DEMOLITION FLOOR PLAN FLOOR PLAN ELEVATIONS SECTIONS DETAILS
STRUCTURAL	\$101 \$201 \$301	FOUNDATION PLANS SECTIONS GENERAL NOTES AND TYPICAL DETAILS
ELECTRICAL	E001 ES101 E101 E201 E401 E402 E601	ELECTRICAL LEGEND & ABBREVIATIONS SITE PLAN - NEW WORK FLOOR PLAN - NEW WORK POWER FLOOR PLAN - NEW WORK LIGHTING ELECTRICAL DETAILS ELECTRICAL DETAILS ELECTRICAL SCHEDULES

CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. RESOLVE ALL DISCREPANCIES PRIOR TO COMMENCING WORK.

CONTRACTOR SHALL PATCH ALL EXISTING ABANDONED PENETRATIONS TO MATCH ADJACENT CONSTRUCTION AND

CONTRACTOR SHALL PROVIDE OPENINGS IN FLOORS, WALLS, CEILING AND ROOF TO PROVIDE FOR THE ROUTING OF ALL NEW WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION, SIZE AND CONSTRUCTION OF ALL PENETRATIONS.

ELECTRICAL CONSTRUCTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS AND REVISIONS OF THE

WALLS NOT INDICATED WITH A WALL CONSTRUCTION SCHEDULE SYMBOL SHALL BE CONSTRUCTED THE SAME AS THE

THE CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES (5) FIVE DAYS PRIOR TO THE START OF WORK ON-SITE

CONTRACTOR SHALL PROPERLY PREPARE ALL SURFACES INDICATED TO BE PAINTED, INCLUDING, BUT NOT LIMITED TO

SURFACES NOT INDICATED WITH A FINISH SHALL RECEIVE THE SAME FINISH AS THE ADJACENT INDICATED SPACE.

A CHAIN LINK CONSTRUCTION FENCE AROUND THE ENTIRE PROPERTY SHALL BE PROVIDED UNDER THE GENERAL

COAT ALL EXPOSED SURFACES OF GYPSUM WALLBOARD, PLASTER, UNFINISHED WOOD AND UNFINISHED STEEL WITH

EXISTING WALLS SCHEDULED TO REMAIN: PATCH AS NECESSARY AND PREPARE FOR NEW FINISHES AFTER MECHANICAL,

ELECTRICAL, AND STRUCTURAL WORK IS COMPLETE. REMOVE AND PATCH CRACKED OR LOOSE MATERIAL. FEATHER EDGE

CONSTRUCTION CONTRACT. THE FENCE SHALL BE REMOVED AT THE END OF THE CONSTRUCTION PHASE UNDER GENERAL

DIMENSIONS SHOWN ARE TO THE FACE OF FINISH SURFACE UNLESS OTHERWISE NOTED.

### CITY OF BOWIE

**OWNER** 

15901 FRED ROBINSON WAY

**BOWIE**, MD 20716 PHONE: 301-262-6200

### **ARCHITECT**

### RRMM ARCHITECTS

3700 Koppers Street, Suite 300 Baltimore, Maryland 21227-1044 PHONE: 410-234-8444

### **CIVIL ENGINEER**

DANIELS CONSULTANTS

8950 ROUTE 108 EAST, SUITE 229

COLUMBIA, MD 21045

### STRUCTURAL ENGINEER

### WATKINS PARTNERSHIP

3032 MITCHELLVILLE RD

### MECHANICAL & ELECTRICAL ENGINEER

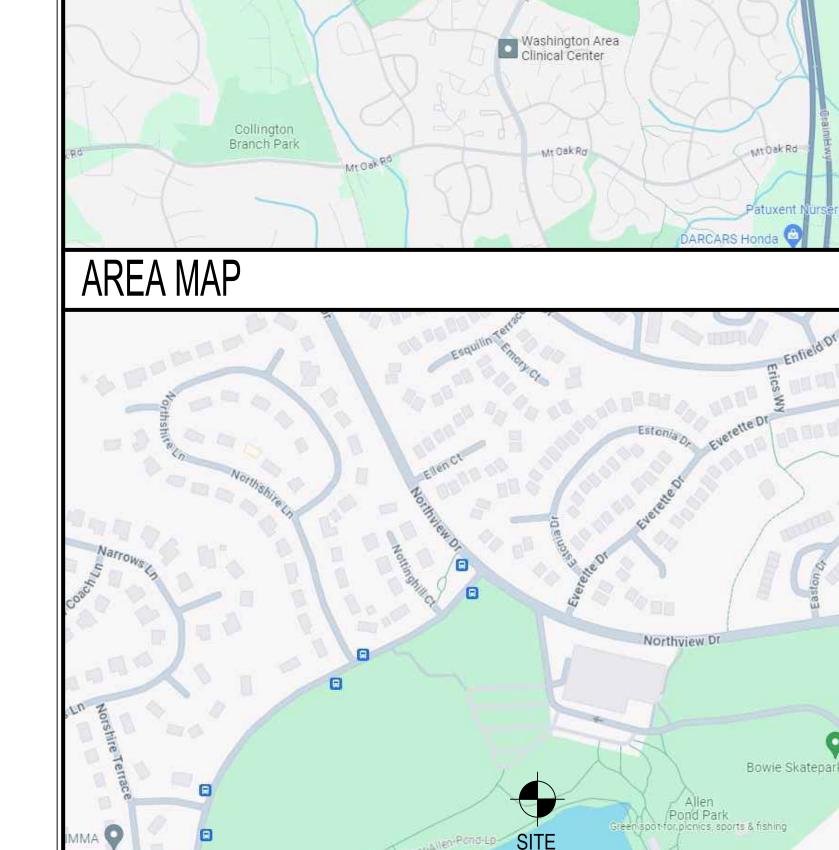
### RMF ENGINEERING

5520 RESEARCH PARK DR, SUITE 300 BALTIMORE, MD 21228

### PHONE: 410-995-0090

BOWIE, MD 20716 PHONE: 301-249-0974

PHONE: 410-576-0505



VICINITY MAP

### **BUILDING CODE DATA**

SYMBOL LEGEND

3330 NORTHVIEW DR BOWIE, MD 20716

NFPA 101 LIFE SAFETY CODE 2018

BUILDING KNOWN AS: BOWIE ALLEN POND AMPHITHEATER FIRE DISTRICT: PRINCE GEORGE'S COUNTY LAND ZONING DESIGNATION: AG (AGRICULTURAL AND PRESERVATION GENERAL DESCRIPTIONS OF BUILDING USE: AMPHITHEATER

NATIONAL ELECTRIC CODE 2017 PRINCE GEORGES COUNTY CODE PRINCE GEORGES COUNTY SUBTITLE 4, SEC. 4-180 CHAPTER 11 - ACCESSIBILITY COMAR 9.12.53 MARYLAND ACCESSIBILITY CODE INTERNATIONAL CODE COUNCIL ICC A117.1-2009 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

USE GROUP: A-5 (ASSEMBLY) CONSTRUCTION TYPE II-B PER IBC 2018, TYPE V-000 PER NFPA 101-2018

ALLOWABLE AREA PER FLOOR: UNLIMITED **ACTUAL BUILDING AREA: 1560** 

ALLOWABLE HEIGHT IN STORIES: UNLIMITED ALLOWABLE HEIGHT IN FEET: 55 FEET **ACTUAL BUILDING HEIGHT: 1 STORIES ACTUAL BUILDING HEIGHT: 19 FEET** 

CODE ANALYSIS

NUMBER OF OCCUPANTS: 104 OCCUPANTS

GENERAL NOTES

LIST OF DRAWINGS

INSPECTION AND PERMITS

MAINTAIN THERMAL, ACOUSTICAL, AND VISUAL PERFORMANCE.

EANING AND SANDING BEFORE PRIMING AND BETWEEN COATS.

CONSULTANTS





AWS OF THE STATE OF MARYLAND, LICENSI

CONSULTANTS:

RENOV/
HVIEW DR
D 20716 CANOPY STAGE

PROJ. NO: REVISION:

COVER SHEET

A000

### GENERAL NOTES:

- 1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE LATEST EDITIONS OF THE PRINCE GEORGE'S COUNTY PUBLIC WORKS. "SPECIFICATIONS AND STANDARDS FOR ROADWAYS AND BRIDGES". UNLESS IT IS IN THE MARYLAND STATE HIGHWAY ADMINISTRATION (SHA) RIGHT OF WAY WHERE THE LATEST EDITION OF THE SHA STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS AND THE SHA STANDARD DETAILS WOULD APPLY.
- 2. BEFORE DOING ANY DIGGING. NOTIFY THE FOLLOWING: A. "MISS UTILITY" AT 800- 2571- 7777 (NOTIFY 3 DAYS PRIOR TO WORK) B. VERIZON AT 800- 837- 4966 (NOTIFY 3 DAYS PRIOR TO WORK) C. BGE AT 1-877-737-2662 (NOTIFY 4 WEEKS PRIOR TO WORK)
- 3. CONTRACTOR TO NOTIFY CITY OF BOWIE PRIOR TO ALL STREET AND PAVEMENT DISTURBANCES WITHIN THEIR ROW.
- 4. IT SHALL BE DISTINCTLY UNDERSTOOD THAT FAILURE TO MENTION SPECIFICALLY ANY WORK WHICH WOULD NORMALLY BE REQUIRED TO COMPLETE THE PROJECT SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO PERFORM SUCH WORK.
- 5. THE CONTRACTOR SHALL NOTE THAT IN CASE OF DISCREPANCY BETWEEN THE SCALED AND FIGURED DIMENSIONS SHOWN ON THESE DRAWINGS. THE FIGURED DIMENSIONS SHALL GOVERN.
- 6. THE MEASURES REQUIRED IN THE APPROVED SEDIMENT CONTROL PLAN SHALL APPLY AS SHOWN ON THIS PLAN, AND SHALL BE COMPLETE AND IN SERVICE PRIOR TO CONSTRUCTION OF RIGHT-OF-WAY IMPROVEMENT SHOWN ON THIS PLAN.
- 7. ALL WORK SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS ISSUED BY THE U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE.
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND REPLACING ANY EXISTING FENCES, CURBS. DRIVEWAYS, SIDEWALKS, PAVING, ETC. DAMAGED OR REMOVED DURING CONSTRUCTION TO BE LIKE NEW OR BETTER CONDITION THAN ORIGINALLY FOUND.
- 9. ROADWAY PAVING REPLACEMENT SHALL BE DONE IN ACCORDANCE WITH SHA STANDARDS AND SPECIFICATIONS.
- 10. NO TRENCH EXCAVATION SHALL BE MADE IF THE NEAREST BOTTOM SIDE OF TRENCH IS LESS THAN A 1:1 SLOPE AWAY FROM ANY UTILITY POLE WITHOUT UTILITY COMPANY APPROVAL.
- 11. THE CONTRACTOR SHALL OPEN ONLY THAT SECTION OF TRENCH WHICH CAN BE BACKFILLED AND STABILIZED AT THE END OF EACH WORKING DAY. STEEL PLATES SHALL BE USED ON ANY TRENCH WHICH MUST REMAIN OPEN OVERNIGHT. "STEEL PLATE AHEAD" WARNING SIGNS MUST BE DISPLAYED IN ADVANCE.
- 12. IF THE CONTRACTOR UNCOVERS OR DAMAGES A STREET LIGHT. CONDUIT OR CABLE DURING CONSTRUCTION. CONTRACTOR IS REQUIRED TO NOTIFY BGE IMMEDIATELY. ALL SUCH REPAIRS SHALL BE MADE AT THE CONTRACTOR'S EXPENSE.
- 13. UNLESS OTHERWISE NOTED. PIPE ELEVATIONS REFER TO INVERT OF PIPE.

PLACED TO ALLOW A SMOOTH TRANSITION FROM VIRGIN TO FILL SOILS.

- 14. WHERE UTILITY PIPES ARE TO BE PLACED ON COMPACTED FILL THE FOLLOWING SHALL APPLY; A. PRIOR TO PLACEMENT OF COMPACTED FILL, ANY SOFT OR OTHERWISE UNSUITABLE SOILS ENCOUNTERED AT OR BELOW THE PIPE INVERT SHALL BE UNDERCUT AND REMOVED FROM THE CONSTRUCTION AREA.
- B. ACCEPTABLE COMPACTED FILLS SHALL BE PLACED IN SIX-INCH THICK LOOSE LIFTS AND COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY DETERMINED BY A.A.S.H.T.O. METHOD T- 180. COMPACTION TEST RESULTS BY AN INDEPENDENT TESTING LAB ARE TO BE SEALED BY REGISTERED ENGINEER AND SUBMITTED TO THE ENGINEER, AS REQUIRED BY THE INSPECTOR. C. THE COMPACTED FILL SHALL BE BENCHED INTO THE EXISTING VIRGIN SLOPES WITH EACH LIFT
- 15. ALL SIDEWALKS AND WALKWAYS ACROSS DRIVEWAY APRONS SHALL HAVE A MAXIMUM OF 5% LONGITUDINAL SLOPE AND A MAXIMUM OF 2%: CROSS SLOPE WITH THE EXCEPTION OF SIDEWALK/CURB RAMPS WHICH SHALL HAVE A MAXIMUM 8.33% LONGITUDINAL SLOPE AND A MAXIMUM 2% CROSS SLOPE. SLOPES AT INTERSECTIONS OF SIDEWALKS MUST NOT EXCEED 2% IN ANY DIRECTION. WHERE RUNNING SLOPES OF ROUTES EXCEED 5%, RAMP CRITERIA~APPLY.
- 16. CONTRACTOR SHALL ENSURE THAT EVERY MANHOLE, CLEANOUT, HANDBOX, ETC. WHICH IS EXISTING AND TO REMAIN SHALL HAVE THE TOPS RESET TO MEET PROPOSED GRADES.
- 17. ANY DAMAGE OR DEMOLITION TO ANY EXISTING FEATURE IN OR ADJACENT TO THE LIMITS OF DISTURBANCE/(WORKING LIMITS AND NOT PART OF THE WORK SUCH AS BUT NOT LIMITED TO SIDEWALKS. CURBS, RAMPS, CURBS AND GUTTER SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR IN ACCORDANCE WITH THE APPLICABLE STANDARDS.
- 18. NO TREES SHALL BE PLANTED DIRECTLY OVER STORM, SEWER, OR WATER PIPES. NO TREES SHALL BE PLANTED DIRECTLY OVER ANY STORMWATER MANAGEMENT DEVICE. NO TREES OR SHRUBS SHALL BE PLANTED IN ANY DITCHES OR SWALES.
- 19. ALL DISTURBED AREAS NOT INTENDED FOR PAVING SHALL BE SEEDED AS PER SPECIFICATIONS ON THESE PLANS.
- 20. CONTRACTOR IS RESPONSIBLE FOR UTILITY DELINEATIONS IN THE FIELD.
- 21. THE EXISTING UTILITIES AND OBSTRUCTIONS SHOWN ARE FROM THE BEST AVAILABLE RECORDS AND SHALL BE VERIFIED BY TEST PITTING BY THE CONTRACTOR BEFORE CONSTRUCTION. NECESSARY PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT EXISTING SERVICES AND MAINS, AND ANY DAMAGE TO THEM DUE TO HIS OPERATIONS SHALL BE REPAIRED IMMEDIATELY AT HIS OWN EXPENSE. ALL UNIDENTIFIED UTILITIES SHALL BE ASSUMED TO BE LIVE UNTIL DETERMINED TO BE OTHERWISE.
- 22. LOCATION AND TOPOGRAPHIC SURVEY SUPPLIED BY DANIEL CONSULTANTS INC. ON
- 23. HORIZONTAL CONTROL REFERRED TO HEREON IS BASED UPON THE NAD 83/11 SURVEY CONTROL SYSTEM. VERTICAL CONTROL REFERRED TO HEREON IS BASED UPON THE NADV 29

SURVEY CONTROL SYSTEM. FOLLOWING HORIZONTAL AND VERTICAL CONTROLS WERE USED:

PNT#	NORTHING	EASTING	ELEV	DESCRIPTION
100	462024.556	1386468.353	121.350	DCI-100
101	461825.929	1386426.993	114.281	DCI-101
102	461775.483	1386547.810	111.003	DCI-102
103	461921.965	1386530.222	119.767	DCI-103
104	461966.816	1386667.868	121.260	DCI-104
105	461827.668	1386668.069	111.260	DCI-105

- 24. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ACTUAL SITE CONDITIONS PRIOR TO START OF ANY WORK. THERE IS NO WARRANTY OR GUARANTEE ON THE COMPLETENESS OR CORRECTNESS OF THE EXISTING CONDITION INFORMATION. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT PRIOR TO THE START OF ANY WORK.
- 25. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY INVERTS AND CLEARANCES FROM NEW WORK PRIOR TO START OF ANY WORK.
- 26. DURING SITE WORK AND CONSTRUCTION, CONTRACTORS SHALL MAINTAIN ROADWAYS FREE OF UNDERDRAIN, DIRT, DEBRIS, AND SHALL BROOM CLEAN AT THE END OF EACH DAY AS
- 27. BURNING AND BURYING OF MATERIALS ON SITE IS PROHIBITED.

### **ABBREVIATIONS MISCELLANEOUS**

TOP OF CURB

TOP OF WALL

WATER METER

EDGE OF WOODS

TAX MAP

TRAILER

TYPICAL

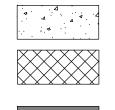
WEST

AC	ASPHALT CONCRETE	
ABRR	ABBREVIATIONS	
ABUT	ABUTMENT	
BC	BACK OF CURB	
BGE	BALTIMORE GAS & ELECTRIC	
	BUILDING	
	BASELINE	
	BENCHMARK	
	BOTTOM	
	CATEGORY	
	CENTERLINE	
	CORRUGATED METAL PIPE	
CO CONC	CLEAN OUT CONCRETE	
C&P	CHESAPEAKE & POTOMAC	
CWI	(TELEPHONE)	D 0 1
CDD_S	CRRUGATED POLETHYLENE	DCI-
	PIPE-TYPE S	_
DR /I YI	DOUBLE YELLOW LINE	
DCI	DANIEL CONSULTANTS, INC.	
	DROP INLET	/ <del>/ -</del>
	DASHED WHITE LINE	
E	EAST	
EL	ELEVATION	
ELEV	ELEVATION	
EPR	EDGE OF PAVED ROAD	
EUR	EDGE OF UNPAVED ROAD	
F	FOLIO	
FF	FAR FACE	
FLY	AERIAL SURVEY REFERENCE	
	POINT	
GV	GAS VALVE	
HRAIL	HANDRAIL	
	INLET	
INV	INVERT	
INV C/L	INVERT AT CENTERLINE	
L	LIBER	
	MACADAM	X
	METAL FENCE	
MH	MANHOLE	
Ν	NORTH	
NB	NORTHBOUND	
	NUMBER	
	OVERHAND	
	PARCEL DOWN ATURE	
	POINT OF CURVATURE	۲
	PAVED DRIVEWAY POINT OF INTERSECTION	·
	PLANTER	
POB	POINT OF BEGINNING	
POC	POINT ON CURVE	
POE	POINT OF ENGING	
PSTOPB	AINTED STOP BAR	
RCP	REINFORCED CONCRETE PIPE	
S	SOUTH	K
SB	SOUTHBOUND	
SDMH	STORM DRAIN MANHOLE	
SDWK	SIDEWALK	_
SGGR	SPOT GRADE ON GRASS	
SGV	SPOT GRADE ON PAVEMENT	
SKI	SINGLE TYPE K INLET	
SSMH	SANITARY SEWER MANHOLE	
STA	STATION	
SW	STORMWATER	
SWL	SOLID WHITE LINE	
SYL	SOLID YELLOW LINE	

### **EXISTING LEGEND**

HVD	EXISTING FIRE HYDRANT
ŴV ⋈	EXISTING WATER VALVE
OWM	EXISTING WATER METER
$\overset{GV}{\bowtie}$	EXISTING GAS VALVE
80	EXISTING CLEAN OUT
S	EXISTING SANITARY/SEWER MANHOLE
	EXISTING STORM DRAIN MANHOLE
T	EXISTING TELEPHONE MANHOLE
	EXISTING STORMDRAIN INLET
ф	EXISTING STREET LIGHT POLE
	EXISTING TREE
	EXISTING TREELINE
and the second	EXISTING BUSH
CI-102/\lambda	TRAVERSE POINT
— — 365— —	EXISTING CONTOUR
•	EXISTING SIGN
x //-//-////////	METAL FENCE WOOD FENCE
	PROPERTY LINE/ROW
	EASEMENT
lacktriangle	BORING
	EXISTING CURB & GUTTER
	EXISTING CURB
	EXISTING BUILDING
G SS	EXISTING GAS LINE
SD	EXISTING SANITARY SEWERLINE EXISTING STORMDRAIN
W	EXISTING WATER
TEL	EXISTING UNDERGROUND TELEPHONE CABLE/WIRE
— FO ——	EXISTING FIBER OPTICAL CABLE
— Е ——	EXISTING UNDERGROUND ELECTRICAL CABLE
—— OHE ———	EXISTING OVERHEAD ELECTRIC
	EXISTING IRRIGATION VALVE
	EXISTING IRRIGATION SPRINKLER HEAD

### PROPOSED LEGEND



NEW CONCRETE SIDEWALK

DECORATIVE COLUMN PIER

ASPHALT SIDEWALK

EXISTING PAVERS TO BE SALVAGED AND REINSTALLED.

PROPOSED IRRIGATION WATER LINE

— E — PROPOSED ELECTRIC

PROPOSED CONTOUR

PROPOSED ELECTRIC LOCKING IN-GROUND BOX

PROPOSED LIGHT POLE

- PROPOSED COMMUNICATION

ASPHALT SIDEWALK

### STANDARD STABILIZATION NOTE

STABILIZATION PRACTICES ON ALL PROJECTS MUST BE IN COMPLIANCE WITH THE REQUIREMENTS OF COMAR 26.17.1.08 G REGULATIONS BY JANUARY 9, 2013, REGARDLESS OF WHEN AN EROSION AND SEDIMENT CONTROL PLAN WAS APPROVED.

FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION MUST BE COMPLETED WITHIN:

A.) THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND

B.) SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.

NOTE: IN AREAS WITHIN STEEP SLOPES EXCEEDING 15% AND HIGHLY ERODIBLE SOILS, FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, SPECIAL CARE SHALL BE GIVEN TO STABILIZE AND ESTABLISH VEGETATION VIA SEED AND STRAW ON THE SAME CALENDAR DAY.

### CONTRACTOR NOTE:

IT IS THE CONTRACTOR RESPONSIBILITY TO REVIEW ALL DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.

DATE

OR STANDARDS.

NO.

CITY OF BOWIE, MARYLAND

THIS PLAN HAS BEEN REVIEWED AND APPROVED FOR GENERAL CONFORMANCE

RELIEVE THE DEVELOPER OF ANY OTHER REQUIRED PROVISIONS OF THE CODE

WITH THE PROVISIONS OF THE CITY CODE, APPROVAL THEREOF DOES NOT

CITY OF ENGINEER

PUBLIC WORKS DIRECTOR

D. NICHOLAS SPURGEON (15901 FRED ROBINSON WAY, BOWIE, MD 20716)

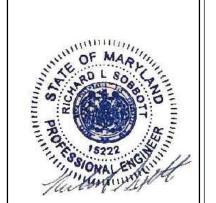
NSPURGEON@CITYOFBOWIE.ORG/ 301-809-3076 OWNER/DEVELOPER

**REVISIONS** 

DATE



Telephone Number: 410-234-8444



I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME. AND THAT AM A DULY LICENSED ARCHITECT UNDER TH LAWS OF THE STATE OF MARYLAND, LICENSE NUMBER 21386, EXPIRATION DATE 01/11/2029 (C) GANT BRUNNETT ARCHITECTS ALL REPRODUCTION IS PROHIBITED

CONSULTANTS:



DANIEL CONSULTANTS INC. CONSULTING, ENGINEERS AND PLANNERS 8950 ROUTE 108 E., SUITE 229 COLUMBIA . MD 21043 TEL: 410-995-0090 FAX: 410-992-7038

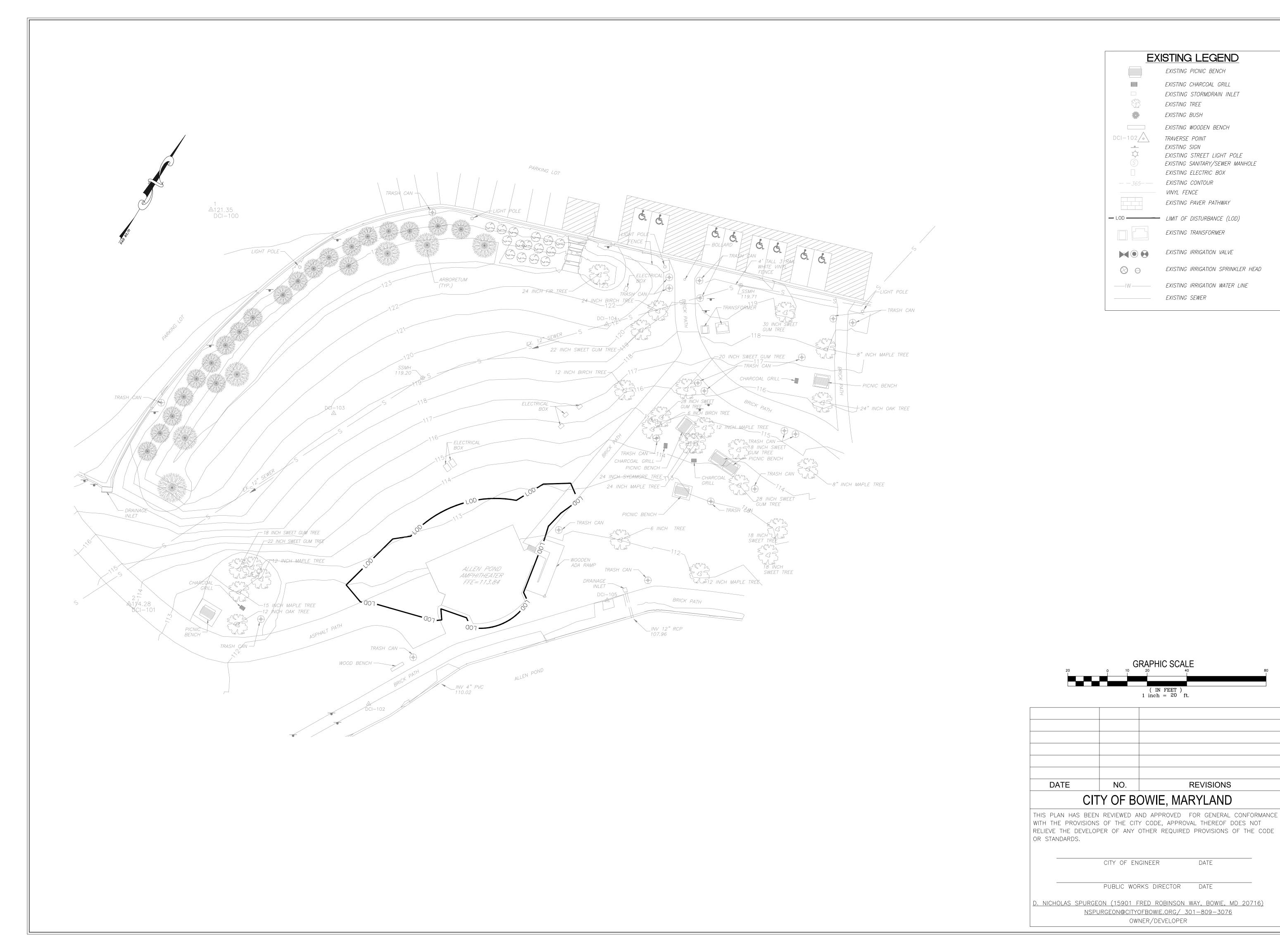
PROJECT:

CAN PARK STAGE & ST RENOVATION 3330 NORTHVIEW DR BOWIE, MD 20716

DATE: 08/01/2025 SCALE: AS NOTED REVISION:

CIVIL GENERAL

SHEET NO. 2 OF 20





DCI-102

TRAVERSE POINT EXISTING SIGN

EXISTING ELECTRIC BOX EXISTING CONTOUR

VINYL FENCE EXISTING PAVER PATHWAY

— LIMIT OF DISTURBANCE (LOD)

EXISTING IRRIGATION SPRINKLER HEAD

EXISTING IRRIGATION WATER LINE

EXISTING SEWER

( IN FEET ) 1 inch = 20 ft.

OWNER/DEVELOPER

NO.

REVISIONS

gant.brunnett ARCHITECTS 15 West Mulberry Street Baltimore, Maryland 21201-4406 Telephone Number: 410-234-8444 EXISTING BUSH EXISTING WOODEN BENCH EXISTING STREET LIGHT POLE EXISTING SANITARY/SEWER MANHOLE "PROFESSIONAL CERTIFICATION.
I CERTIFY THAT THESE DOCUMENTS WERE
PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE EXISTING TRANSFORMER LAWS OF THE STATE OF MARYLAND, LICENSE NUMBER 21386, EXPIRATION DATE 01/11/2025. (C) GANT BRUNNETT ARCHITECTS EXISTING IRRIGATION VALVE

CONSULTANTS:

DANIEL CONSULTANTS INC. CONSULTING,ENGINEERS AND PLANNERS 8950 ROUTE 108 E. , SUITE 229 COLUMBIA , MD 21043 TEL : 410-995-0090 FAX: 410-992-7038

PROJECT:

CANOPY PARK STAGE & ST RENOVATION 3330 NORTHVIEW DR BOWIE, MD 20716 ALLEN POND

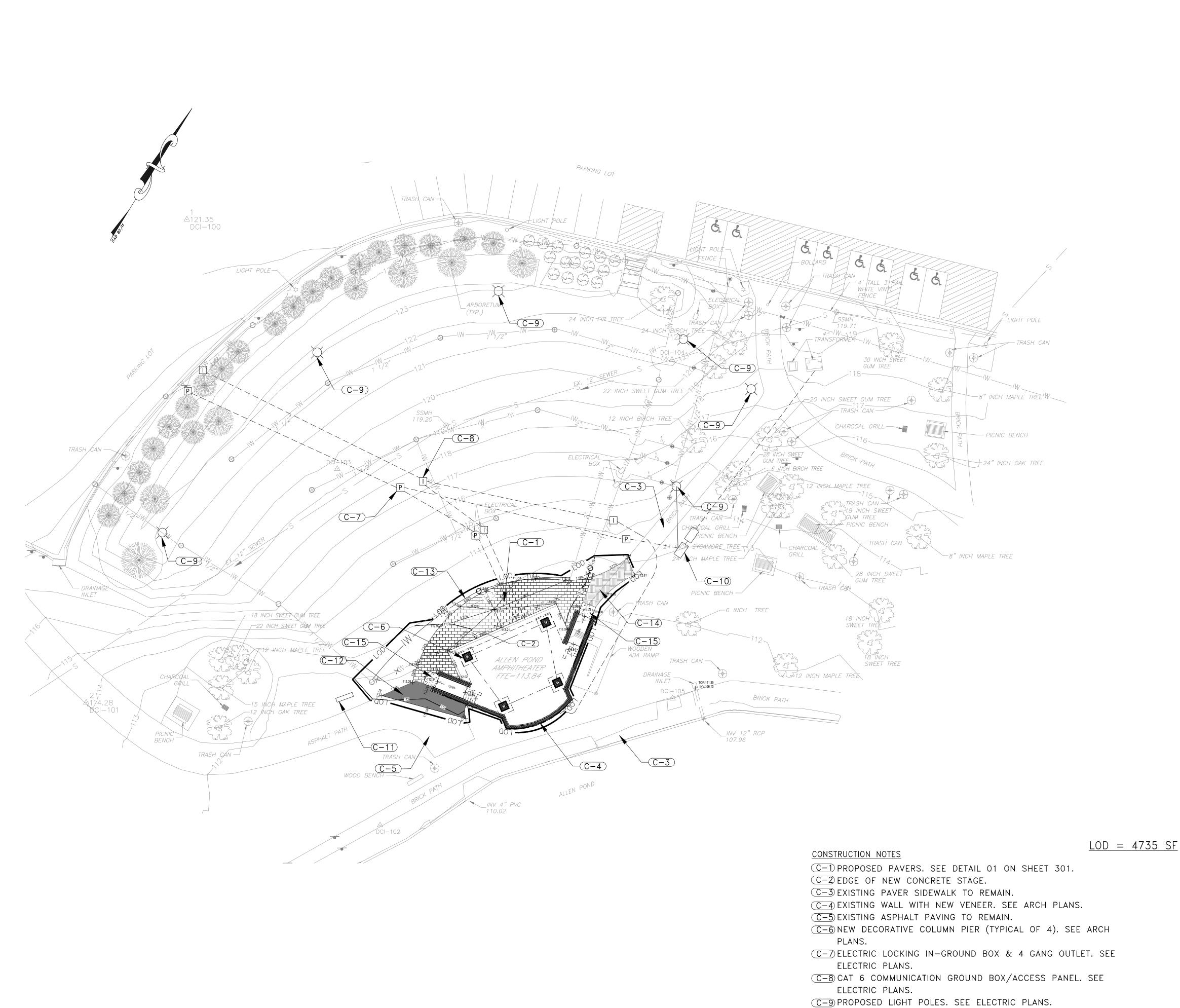
PROJ. NO: 20668

DATE: 08/01/2025

SCALE: AS NOTED REVISION:

EXISTING CONDITION

SHEET NO. 3 OF 20



 $\mathbb{C}-13$  RELOCATE EXISTING IRRIGATION SYSTEM.

DETAIL 01 ON SHEET 301.

 $\mathbb{C}-15$  5'X5' CONCRETE LANDING.

 $\bigcirc$  EXISTING PAVERS TO BE SALVAGED AND REINSTALLED. SEE

NOTE: SEE UPDATED ELECTRICAL SITE PLAN FOR COORDINATION.

PROPOSED LEGEND

NEW CONCRETE SIDEWALK



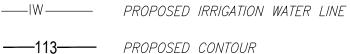
BUILDING SUBSTRUCTURE



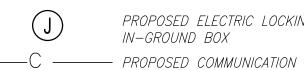
ASPHALT SIDEWALK



EXISTING PAVERS TO BE SALVAGED AND REINSTALLED.



PROPOSED ELECTRIC



PROPOSED ELECTRIC LOCKING IN-GROUND BOX

PROPOSED LIGHT POLE

PAVERS SIDEWALK

### **EXISTING LEGEND**

EXISTING TREE EXISTING BUSH

EXISTING PICNIC BENCH

EXISTING STORMDRAIN INLET

EXISTING WOODEN BENCH

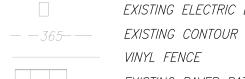
EXISTING ELECTRIC BOX

EXISTING CHARCOAL GRILL

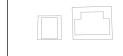




TRAVERSE POINT EXISTING SIGN EXISTING STREET LIGHT POLE EXISTING SANITARY/SEWER MANHOLE



VINYL FENCE EXISTING PAVER PATHWAY



EXISTING TRANSFORMER

EXISTING IRRIGATION VALVE

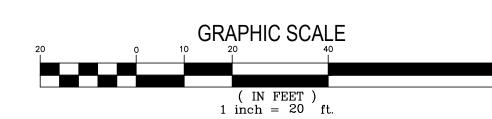
--- LIMIT OF DISTURBANCE (LOD)



EXISTING IRRIGATION SPRINKLER HEAD

EXISTING IRRIGATION WATER LINE

EXISTING SEWER



C-10 RACK MOUNTED FUSED DISCONNECT. SEE ELECTRIC PLANS. C-11 PANEL RP2. SEE ELECTRIC PLANS.

 $\mathbb{C}-12$  DEMOLISH EXISTING ASPHALT AND REPLACE WITH NEW ASPHALT TO THE GRADE POINTS SHOWN ON PLANS. SEE DETAIL 03 ON SHEET 301.

DATE NO. REVISIONS

### CITY OF BOWIE, MARYLAND

THIS PLAN HAS BEEN REVIEWED AND APPROVED FOR GENERAL CONFORMANCE WITH THE PROVISIONS OF THE CITY CODE, APPROVAL THEREOF DOES NOT RELIEVE THE DEVELOPER OF ANY OTHER REQUIRED PROVISIONS OF THE CODE OR STANDARDS.

CITY OF ENGINEER

PUBLIC WORKS DIRECTOR

DATE

D. NICHOLAS SPURGEON (15901 FRED ROBINSON WAY, BOWIE, MD 20716) NSPURGEON@CITYOFBOWIE.ORG/ 301-809-3076 OWNER/DEVELOPER

gant.brunnett ARCHITECTS 15 West Mulberry Street

Baltimore, Maryland 21201-4406

Telephone Number: 410-234-8444



I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NUMBER 21386, EXPIRATION DATE 01/11/202 (C) GANT BRUNNETT ARCHITECTS

"PROFESSIONAL CERTIFICATION.

CONSULTANTS:



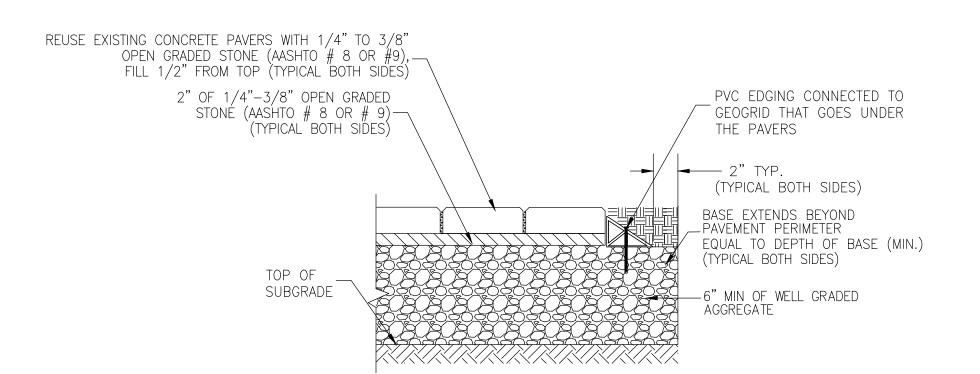
DANIEL CONSULTANTS INC. CONSULTING, ENGINEERS AND PLANNERS 8950 ROUTE 108 E. , SUITE 229 COLUMBIA, MD 21043 TEL: 410-995-0090 FAX: 410-992-7038

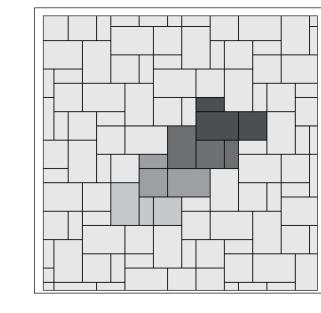
PROJECT:

CANOP

DATE: 08/01/2025 SCALE: AS NOTED

SHEET NO. 4 OF 20



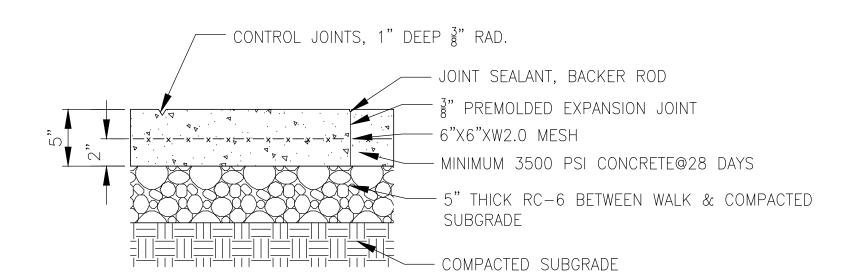




LAYING PATTERN - MATCH EXISTING

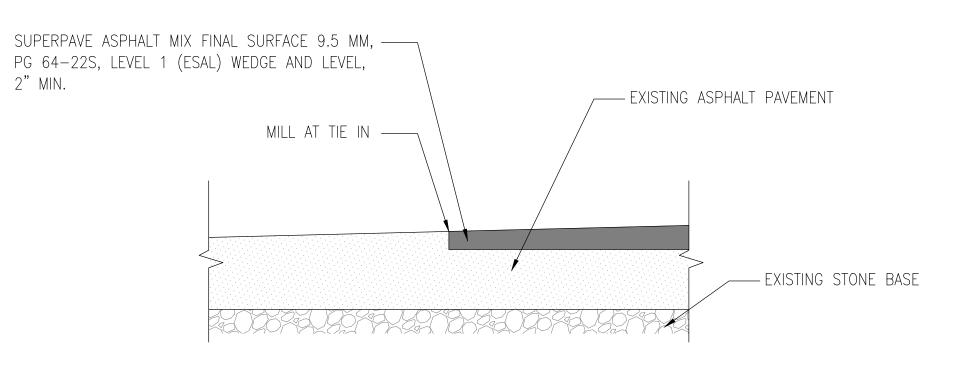
BELLA BLEND ANTIQUE

### PAVER DETAIL NOT TO SCALE



### 2 CONCRETE SLAB NOT TO SCALE

2" MIN.



WEDGE AND LEVEL DETAIL

NOT TO SCALE

DATE NO. REVISIONS CITY OF BOWIE, MARYLAND

THIS PLAN HAS BEEN REVIEWED AND APPROVED FOR GENERAL CONFORMANCE WITH THE PROVISIONS OF THE CITY CODE, APPROVAL THEREOF DOES NOT RELIEVE THE DEVELOPER OF ANY OTHER REQUIRED PROVISIONS OF THE CODE OR STANDARDS.

CITY OF ENGINEER

DATE

PUBLIC WORKS DIRECTOR

D. NICHOLAS SPURGEON (15901 FRED ROBINSON WAY, BOWIE, MD 20716) NSPURGEON@CITYOFBOWIE.ORG/ 301-809-3076 OWNER/DEVELOPER

gant.brunnett ARCHITECTS 15 West Mulberry Street Baltimore, Maryland 21201-4406 Telephone Number: 410-234-8444



"PROFESSIONAL CERTIFICATION. I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NUMBER 21386, EXPIRATION DATE 01/11/2025. (C) GANT BRUNNETT ARCHITECTS

ALL REPRODUCTION IS PROHIBITED



DANIEL CONSULTANTS INC.
CONSULTING,ENGINEERS AND PLANNERS
8950 ROUTE 108 E. , SUITE 229
COLUMBIA , MD 21043
TEL : 410-995-0090 FAX: 410-992-7038

PROJECT:

TAGE CANOPY PARK STAGE & ST/ RENOVATION 3330 NORTHVIEW DR BOWIE, MD 20716 ALLEN POND

PROJ. NO: 20668 DATE: 08/01/2025 SCALE: AS NOTED REVISION:

DETAIL SHEET

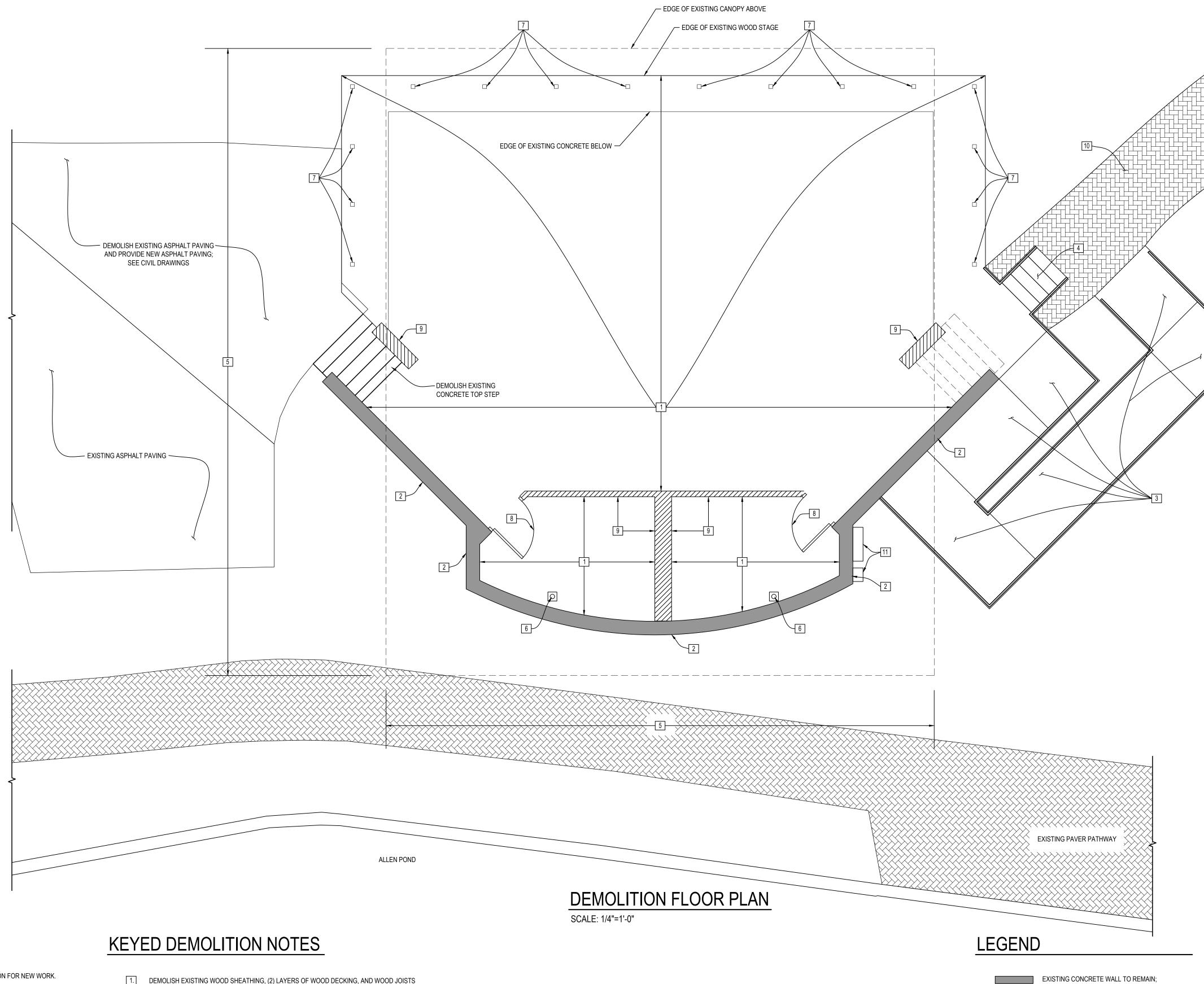
SHEET NO. 5 OF 20

### DEMOLITION BUILDING ELEVATION IMAGES









### GENERAL DEMOLITION NOTES

- 1. IT IS THE INTENT OF THIS CONTRACT THAT THE BUILDING BE SELECTIVELY DEMOLISHED AS OUTLINED ON THE DRAWINGS IN PREPARATION FOR NEW WORK.
- 3. CONTRACTOR SHALL PROVIDE ALL SHORING, BRACING AND TEMPORARY SUPPORT AS NECESSARY TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF
- 4. CONTRACTOR SHALL REMOVE ALL EXTRANEOUS ANCHORS, FASTENERS, WALL HANGERS, PROTRUSIONS AND ACCESSORIES ON EXISTING WALL SURFACES
- 5. WHERE INDICATED TO "DEMOLISH" OR "REMOVE", CONTRACTOR SHALL COMPLETELY DEMOLISH THE EXISTING PHYSICAL FEATURE AND DISPOSE OF THE MATERIALS OFF-SITE IN A LEGAL MANNER. ON-SITE BURNING OF MATERIAL SHALL NOT BE ALLOWED. 6. REMOVE ALL TRASH AND DELETERIOUS MATERIALS FROM THE SITE.
- PROTECT ALL EXISTING STRUCTURE INDICATED TO REMAIN. LEAVE DEMOLISHED AREAS READY TO RECEIVE NEW WORK. AFTER DEMOLITION IS COMPLETE, CONTRACTOR TO REPAIR ALL DAMAGE.
- 10. COMPLY WITH ALL LOCAL AND STATE CODES. 11. MAINTAIN TOTAL CONTROL OF DUST, AND BLOWING, AND DROPPING DEBRIS.
- 12. KEEP ALL SURROUNDING TRAFFICWAYS, BOTH PEDESTRIAN AND VEHICULAR, OPEN AND CLEAN AT ALL TIMES.

THE CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK WITH THE SCOPE AND LIMITS OF NEW WORK.

- 13. ALL EXISTING FLOOR FINISHES ARE TO BE DEMOLISHED TO THE EXISTING CONCRETE SUBSTRATE. 14. ALL EXISTING CEILING FINISHES ARE TO BE DEMOLISHED.
- 15. CONTRACTOR SHALL DEMOLISH ALL EXISTING FEATURES AS SCHEDULED BELOW, (UNLESS OTHERWISE NOTED) ALL WALL AND CEILING FINISHES
  - ALL INTERIOR BASEBOARDS AND TRIM UNLESS OTHERWISE NOTED ALL GUTTERS AND DOWNSPOUTS ALL ELECTRICAL WIRING, RECEPTACLES, SWITCHES, PANELS
  - ALL LIGHTING FIXTURES AND WIRING
- ALL CEILINGS ALL DOORS AND HARDWARE 16. CUT NO NEW HOLES IN STRUCTURAL SLAB UNTIL LOCATED AND SUPPORT HAS BEEN VERIFIED

- 1. DEMOLISH EXISTING WOOD SHEATHING, (2) LAYERS OF WOOD DECKING, AND WOOD JOISTS DOWN TO THE EXISTING CONCRETE DECK.
- 2. DEMOLISH EXISTING WOOD WALL FRAMING, SIDING, AND TRIM DOWN THE EXISTING CONCRETE CURB.

- 5. DEMOLISH EXISTING ROOF CANOPY STRUCTURE ABOVE
- 6. DEMOLISH EXISTING CANOPY STRUCTURAL POSTS
- DEMOLISH WOOD PARTITION & GRIND DOWN EXISTING CONCRETE CURB FLUSH TO EXISTING CONCRETE FLOOR.
- REMOVE & SALVAGE EXISTING PAVERS & REINSTALL. SEE CIVIL DRAWINGS
- 3. DEMOLISH EXISTING WOOD ADA RAMP
- 4. DEMOLISH EXISTING WOOD STAIR AND WOOD RAILING.
- 7. DEMOLISH EXISTING WOOD SUPPORT POSTS AND MASONRY BLOCKS

- 11. DEMOLISH EXISTING ELECTRICAL EQUIPMENT. SEE ELECTRICAL DRAWINGS DEMOLISH EXISTING SPEAKER SYSTEM AND ALL ASSOCIATED EQUIPMENT. SEE ELECTRICAL DRAWINGS

37 **COC** Coppers Street, Suite 300 Baltimore, Maryland 21227 (410) 234-8444



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CONSULTANTS:

STAGE

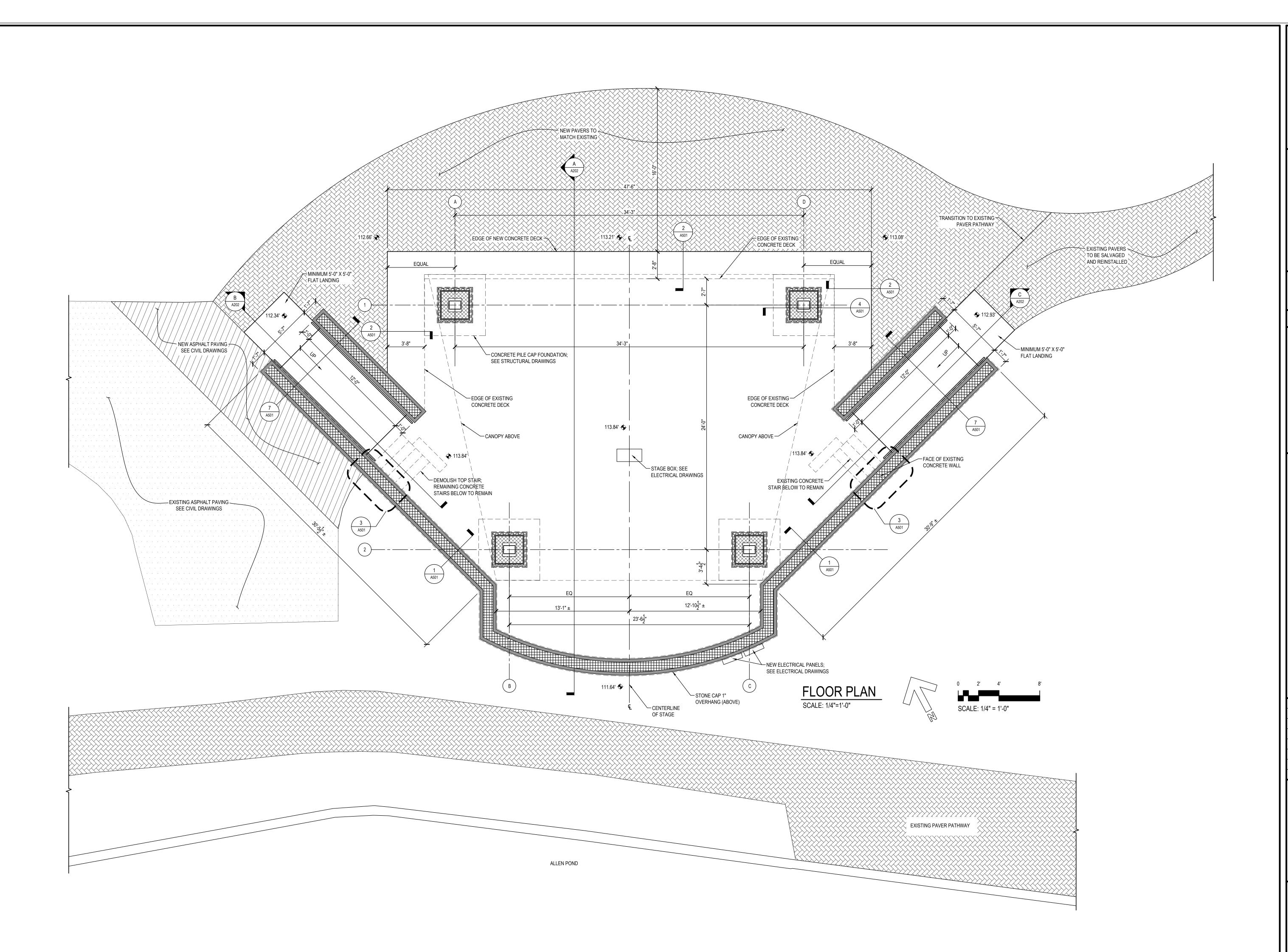
PROJ. NO:	20668
DATE:	08/01/2025
SCALE:	AS NOTED
REVISION:	

DEMOLISH EXISTING WOOD PARTITION ABOVE

DEMOLISH EXISTING WOOD PARTITION AND GRIND DOWN

EXISTING CONCRETE WALL FLUSH TO CONCRETE FLOOR

SHEET NO. 6 OF 20







"PROFESSIONAL CERTIFICATION. I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NUMBER 21386, EXPIRATION DATE 01/11/2025."

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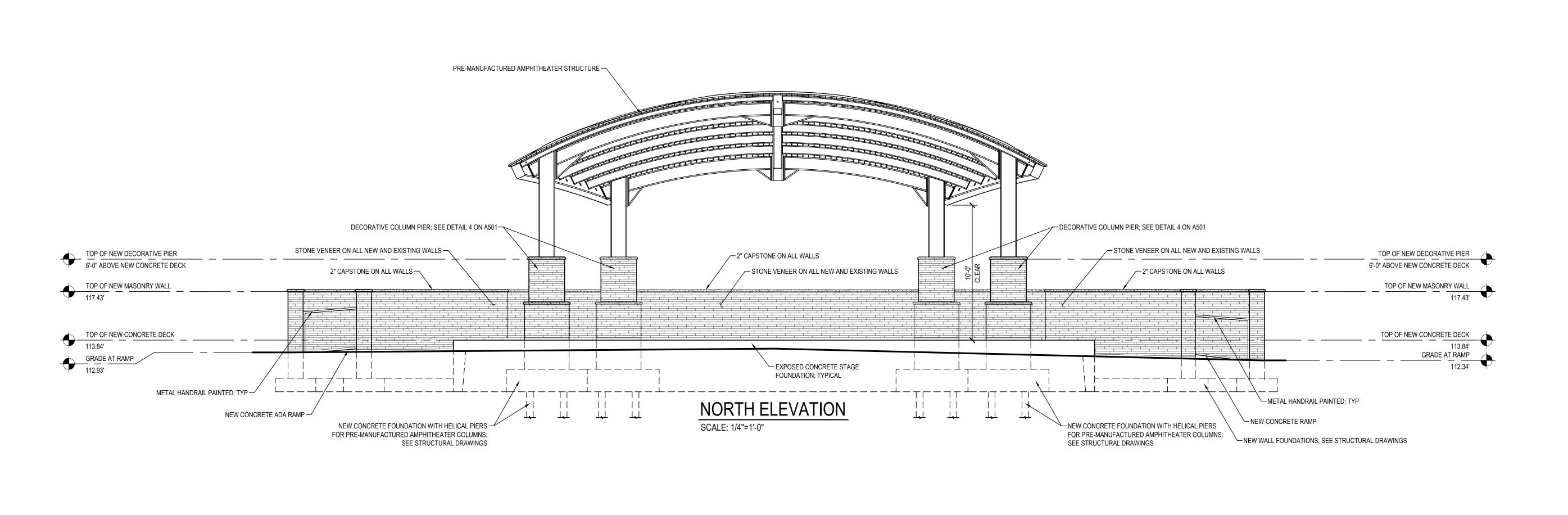
CONSULTANTS:

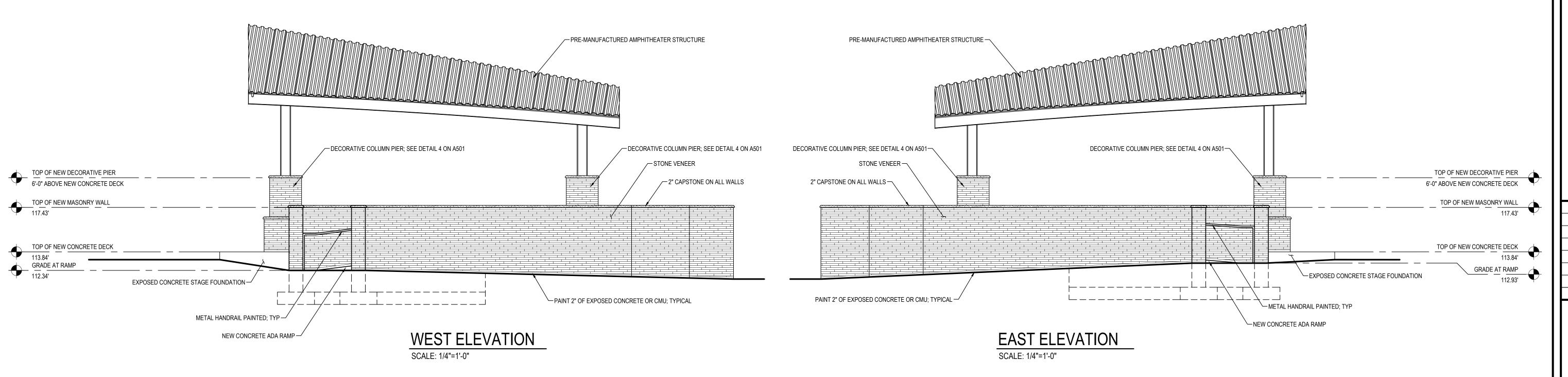
ALLEN POND STAGE CANOP

PROJ. NO:	20668
DATE:	08/01/2025
SCALE:	AS NOTED
REVISION:	

FLOOR PLAN

SHEET NO. 7 OF 20









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ALL REPRODUCTION IS PROHIBITED

CONSULTANTS:

PROJI

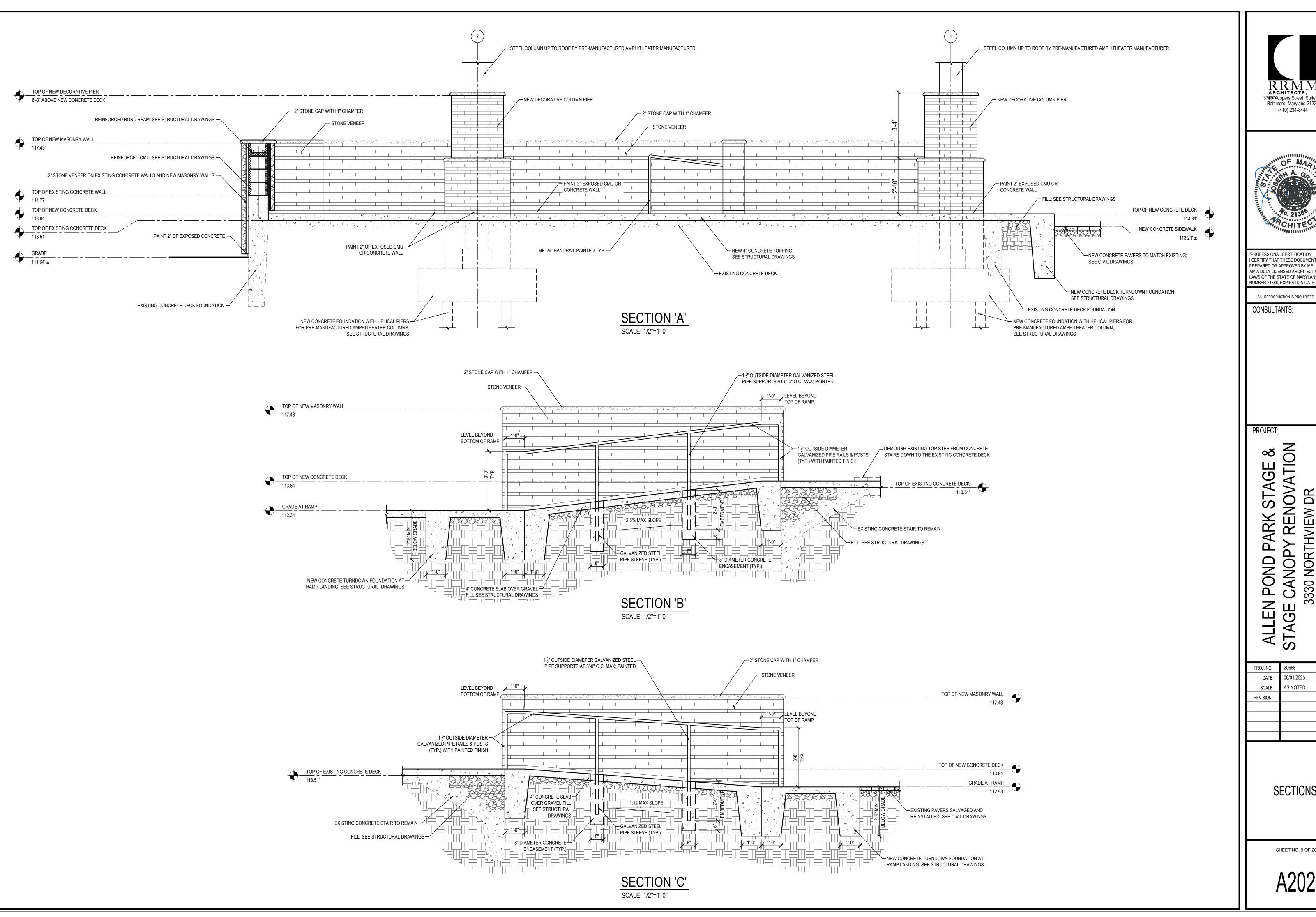
ALLEN POND PARK STAGE & STAGE CANOPY RENOVATIOI 3330 NORTHVIEW DR BOWIE, MD 20716

PROJ. NO:	20668
DATE:	08/01/2025
SCALE:	AS NOTED
REVISION:	

**ELEVATIONS** 

SHEET NO. 8 OF 20

A201







"PROFESSIONAL CERTIFICATION. I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NUMBER 21386, EXPIRATION DATE 01/11/2025."

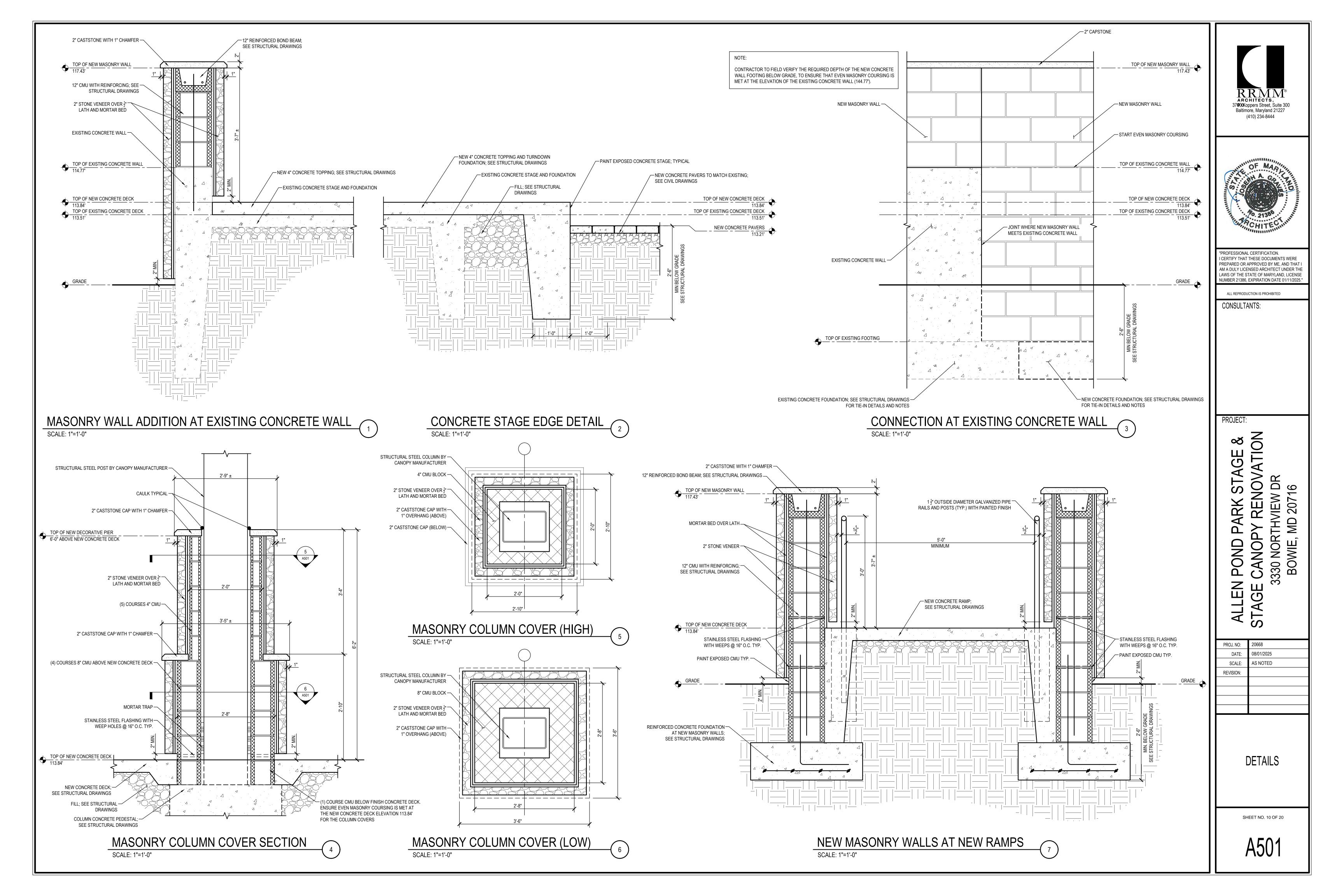
CONSULTANTS:

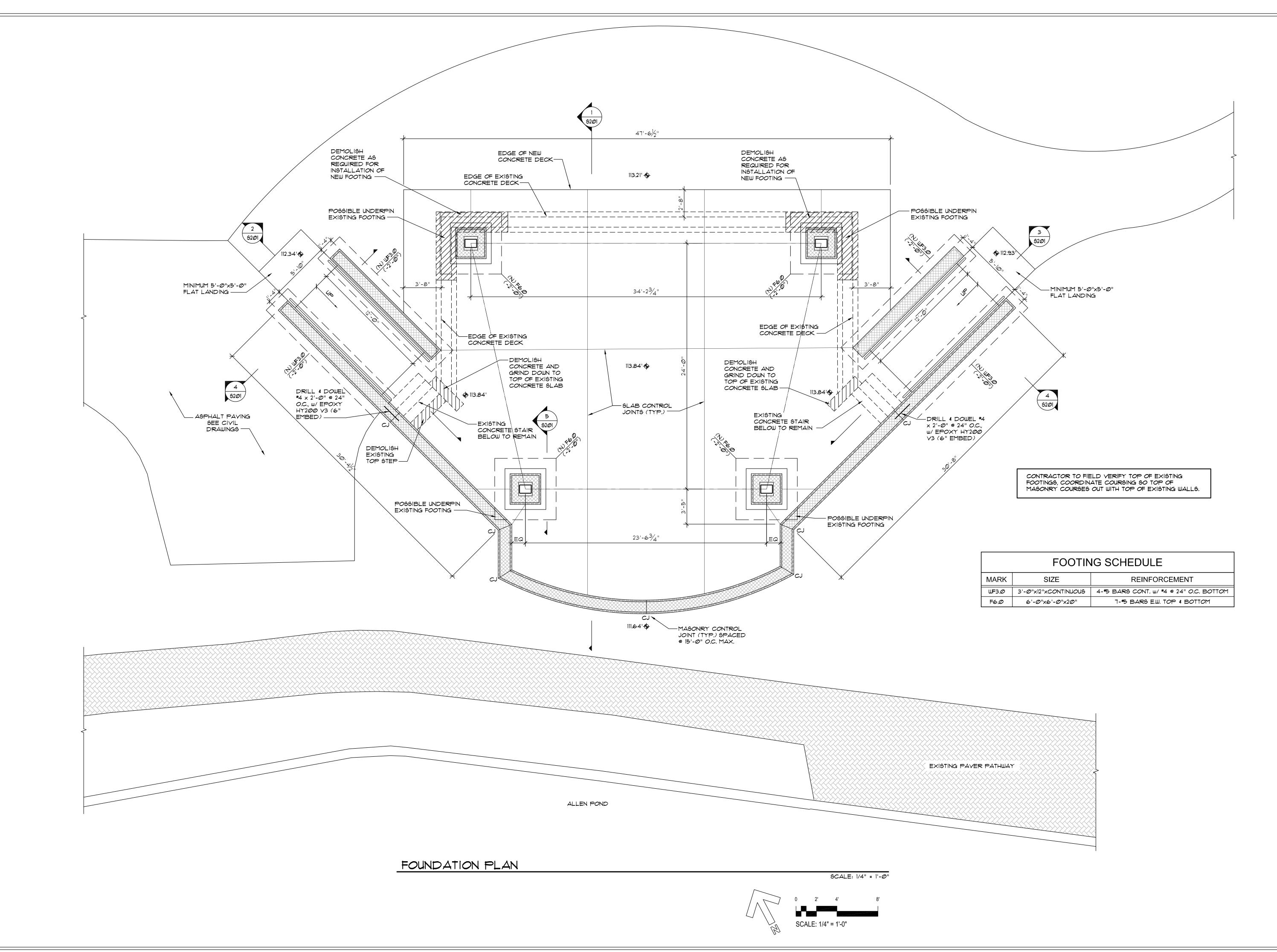
E CANOPY RENOVA 3330 NORTHVIEW DR ALLEN I STAGE (

PROJ. NO:	20668
DATE:	08/01/2025
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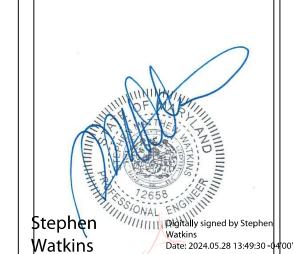
SECTIONS

SHEET NO. 9 OF 20









"PROFESSIONAL CERTIFICATION.
I CERTIFY THAT THESE DOCUMENTS WERE
PREPARED OR APPROVED BY ME, AND THAT I
AM A DULY LICENSED ENGINEER UNDER THE
LAWS OF THE STATE OF MARYLAND, LICENSE
NUMBER 12658, EXPIRATION DATE 10/11/2025."

(C) GANT BRUNNETT ARCHITECTS
ALL REPRODUCTION IS PROHIBITED

CONSULTANTS:

Partnership Inc

Consulting Structural Engineering

3018 Mitchellville Road
Suite 101

Bowie, Maryland
Phone: (301) 249-0974
PROJECT#: 20239072

PROJECT

ALLEN POND PARK STAGE & STAGE CANOPY RENOVATION 3330 NORTHVIEW DR BOWIE, MD 20716

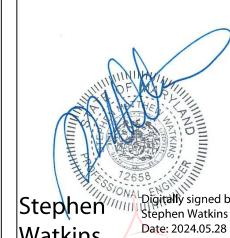
PROJ. NO:	20668
DATE:	08/01/2025
SCALE:	AS NOTED
REVISION:	

FOUNDATION PLAN

SHEET NO. 11 OF 20

S101





I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NUMBER 12658, EXPIRATION DATE 10/11/2025,"

(C) GANT BRUNNETT ARCHITECTS ALL REPRODUCTION IS PROHIBITED

Partnership Inc Consulting Structural Engineering

Bowie, Maryland Phone: (301) 249-0974 PROJECT#: 20239072

3330 NORTHVIEW DR BOWIE, MD 20716

PROJ. NO:	20668
DATE:	08/01/2025
SCALE:	AS NOTED
REVISION:	

SECTIONS

SHEET NO. 12 OF 20

THE FOUNDATION HAS BEEN DESIGNED FOR THE REACTIONS PROVIDED BY SPARKS@PLAY.

THE WATKINS PARTNERSHIP IS NOT RESPONSIBLE FOR ANY STRUCTURAL ELEMENTS NOT SHOWN ON THE PLANS PROVIDED BY THE WATKINS PARTNERSHIP.

COORDINATION: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE STRUCTURAL DRAWINGS AND THEIR DIMENSIONS WITH OTHER DRAWINGS AND IF A CONFLICT EXISTS HE SHALL NOT CARRY OUT THE AFFECTED WORK UNTIL THE ENGINEER HAS RESOLVED THE CONFLICT.

CODE: DESIGN AND CONSTRUCTION TO BE IN ACCORD WITH THE IBC 2018 CODE AND THE PARTICULAR CODES AS REFERENCED IN IBC 2018 BLDG CODE OR IN ACCORDANCE WITH THE ASCE 7-16.

LIVE LOADS: THE STRUCTURE HAS BEEN DESIGNED FOR LIVE LOADS AS FOLLOWS:

WIND LOAD: FLOOR LOAD: 125 PSF ROOF LOAD: 30 PSF

GROUND SNOW LOAD: 35 PSF

CONSTRUCTION SAFETY: LOADS GREATER THAN THE APPLICABLE DESIGN LOADS SHALL NOT BE PLACED ON THE STRUCTURE. PROVISION SHALL BE MADE FOR ADEQUATE BRACING AND SUPPORT OF ADJACENT CONSTRUCTION, UTILITIES AND EXCAVATIONS. JOB SITE SAFETY AND CONSTRUCTION PROCEDURES ARE THE RESPONSIBILITY OF THE CONTRACTOR.

FOUNDATION: THE SOILS REPORT AS PREPARED BY O'BERRY ENGINEERING INC., DATED APRIL 12, 2024 PROJECT # 24018 SHALL BE CONSIDERED PART OF THESE SPECIFICATIONS. IF ANY CONFLICT EXISTS BETWEEN SOIL CONSULTANTS REPORT AND THE FOLLOWING RECOMMENDATIONS, THE MORE STRINGENT REQUIREMENT WILL APPLY. BEFORE PLACEMENT OF FILL, IT IS RECOMMENDED THAT THE SITE BE INSPECTED BY A PROFESSIONAL SOILS ENGINEER REGISTERED IN THE JURISDICTION OF THE PROJECT FOR PROPER STRIPPING AND PREPARATION FOR RECEIVING THE FILL.

EXCAVATION FOR AND BEARING MATERIAL FOR FOUNDATIONS SHOULD BE SUPERVISED AND APPROVED BY A PROFESSIONAL SOILS ENGINEER REGISTERED IN THE JURISDICTION OF THE PROJECT.

THE FOOTINGS SHALL BE EXCAVATED AFTER THE BUILDING AREAS HAVE BEEN PROPERLY

MATERIAL SATISFACTORY FOR CONTROLLED FILL AND BACKFILL MATERIAL AROUND AND ABOVE FOOTINGS SHALL INCLUDE CLEAN SOIL OR BANKRUN SAND AND GRAVEL (GW, GC, SC, SM, ML & CL), BUT EXCLUDE HIGHLY PLASTIC CLAYS (MH & CH) OR HIGH SHRINK-SWELL SOILS. THE FILL MATERIALS SHALL BE FREE FROM TOPSOIL, ORGANIC CONTAMINATED SOIL AND ROCK FRAGMENTS HAVING A MAJOR DIMENSION GREATER THAN FOUR (4) INCHES, AND SHALL CONTAIN NO ICE OR SNOW.

ALL FOOTINGS FOR NEW WALLS SHALL BE CARRIED DOWN A MINIMUM OF ONE FOOT INTO VIRGIN SOIL OR COMPACTED FILL OR AS DIRECTED BY THE SOILS ENGINEER AND, IF EXTERIOR, SHALL BE A MINIMUM OF 2'6" BELOW FINISHED EXTERIOR GRADE. FOOTINGS ARE DESIGNED FOR A SOIL BEARING PRESSURE OF 1000 PSF. FOOTING ELEVATIONS HAVE BEEN ESTABLISHED FROM AVAILABLE INFORMATION AND SHALL NOT BE TAKEN AS A WAIVER OF THESE REQUIREMENTS.

FOUNDATIONS FOR NEW CANOPY SHALL BE ON HELICAL PILES WITH MINIMUM CAPACITY OF

WATER, LOOSE SOIL AND SOIL SOFTENED BY WATER SHALL BE REMOVED FROM THE BOTTOM OF THE FOOTING EXCAVATIONS BEFORE PLACING CONCRETE.

FOOTING EXCAVATIONS SHALL NOT BE LEFT OPEN FOR LONG PERIODS. IT IS SUGGESTED THAT THE BOTTOM OF THE FOOTING EXCAVATIONS AND TRENCHES BE PROTECTED BY INDERCLITTING AND PLACING THREE (3) INCHES OF A LEAN-MIX CONCRETE SLAB IMMEDIATELY UPON APPROVAL AND BEFORE REINFORCING STEEL IS PLACED.

DEPTH OF EXCAVATIONS BELOW ANY FOOTINGS SHALL NOT EXCEED 1/2 THE DISTANCE FROM THE NEAREST EDGE OF THAT FOOTING.

PROVISIONS MUST BE TAKEN TO PROTECT ALL CONCRETE WORK FROM FROST DAMAGE WITH SPECIAL ATTENTION PAID TO FOOTINGS AND OTHER CONCRETE ON GRADE PRIOR TO BACKFILLING AND ENCLOSING THE BUILDING.

CARE SHOULD BE TAKEN TO ASSURE THAT DURING PLACING OF CONCRETE FOOTINGS AND SLABS ON GRADE NO ORGANIC MATTER, SALTS, OR CLAYS ARE MIXED WITH THE

UNLESS OTHERWISE NOTED, FLOOR SLAB ON GRADE TO BE AS SHOWN ON DRAWINGS. FLOOR SLAB TO BE POURED IN STRIPS OR AS NOTED BY THE ARCHITECT, CUT ALTERNATE STRANDS OF WWF AT POUR JOINTS OR USE SCREED KEYS, IN WHICH CASE ALL STRANDS AT THE KEY MAY BE CUT.

HELICAL PILING: SHALL BE AS SUPPLIED BY AN ASTM COMPLIANT COMPANY. CONTRACTOR TO SUPPLY ALL NECESSARY PARTS AND LABOR TO PROPERLY INSTALL PILES.

INSTALLATION OF PILES SHALL BE UNDER THE SUPERVISION OF COMPETENT PERSONNEL AND ALL NECESSARY RECORDS AND DATA COMPILED FOR SUBMISSION TO THE ARCHITECT. PILES SHALL BE INSTALLED TO A RESISTANCE OF 20 KIPS.

CERTIFICATION OF PILE CAPACITY SHALL BE SUBMITTED TO ARCHITECT.

CONTRACTOR INSTALLING PILES SHALL HAVE A MINIMUM OF 2 YEARS OF EXPERIENCE. A LIST OF PROJECTS SHALL BE SUBMITTED.

DRIVING TOLERANCES: LOCATE ALL PILES WITHIN 3" OF LOCATION SHOWN. MAINTAIN A PLUMBNESS OF 1" IN 10'0" FROM VERTICAL.

SHOP DRAWINGS SHALL BE SUBMITTED FOR THE DESIGN OF THE PILE CAP USING THE FINAL LOADING FROM THE CANOPY SUPPLIER AND THE HELICAL PILINGS DESIGN SHALL BE SIGNED AND SEALED

COMPACTION: FILL SHALL BE COMPACTED AS DIRECTED BY THE SOILS ENGINEER.

ALL FILLS SHALL BE PLACED IN APPROXIMATELY HORIZONTAL LAYERS, EACH LAYER HAVING A LOOSE THICKNESS OF NOT MORE THAN 8 INCHES.

EACH LAYER OF FILL SHALL BE COMPACTED AT OPTIMUM MOISTURE CONTENT (PLUS OR MINUS 2%) TO NOT LESS THAN 95% OF MAXIMUM DRY DENSITY.

LOWER DEGREES OF COMPACTION MAY BE PERMITTED BY THE BUILDING OFFICIAL AFTER RECEIPT OF A REPORT FROM THE SOILS ENGINEER CERTIFYING THAT HE HAS INVESTIGATED THE SUBSOIL OF THE SITE, HAS TESTED REPRESENTATIVE FILL MATERIALS AND THAT IN HIS OPINION SUCH LOWER DEGREE OF COMPACTION WILL BE ADEQUATE FOR THE INTENDED USE OF THE FILL.

IN-PLACE FIELD DENSITY SHALL BE DETERMINED IN ACCORDANCE WITH ASTM D-698 OR ASTM D-1557.

NO FILL SHALL BE PLACED ON FROZEN GROUND.

NO EXCAVATIONS TO BE MADE WHOSE DEPTH BELOW ANY FOOTINGS IS GREATER THAN 1/2 THE DISTANCE FROM THE NEAREST EDGE OF THAT FOOTING.

SITE PREPARATION, CONTROLLED FILL PLACEMENT, FLOOR SLAB EXCAVATIONS, PLACEMENT AND COMPACTION OF GRAVEL UNDER GROUND FLOOR SLAB SHALL BE SUPERVISED BY A SOILS ENGINEER.

**CONCRETE:** TO BE MIXED AND PLACED IN ACCORDANCE WITH THE CURRENT "AMERICAN CONCRETE INSTITUTE (ACI) BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE". A COPY OF THIS CODE SHALL BE AVAILABLE ON THE PROJECT AT ALL TIMES.

ALL REINFORCED CONCRETE, INCLUDING FLOOR TOPPING, TO HAVE A COMPRESSIVE STRENGTH (°C) OF 4,500 PSI, AIR-ENTRAINED, UNLESS OTHERWISE NOTED.

EXPOSED SLAB ON GRADE 4,500 PSI AIR-ENTRAINED EXPOSED WALLS 4,500 PSI AIR-ENTRAINED FOOTINGS 3000 PSI PEA-GRAVEL GROUT 3000 PSI ( CMU FILL ) EXTERIOR CONCRETE F2(w/c=0.45) 4,500 PSI

ALL EXTERIOR CONCRETE AND CONCRETE EXPOSED TO WEATHER SHALL BE AIR-ENTRAINED

CONTRACTOR SHALL SUBMIT MIX DESIGNS ACCOMPANIED BY APPROPRIATE GRAPHS AND BACKGROUND DATA FOR APPROVAL. MIX DESIGN SHALL INDICATE 7 AND 28 DAYS STRENGTHS. CEMENT CONTENT, AIR CONTENT, WATER-CEMENT RATIO, AMOUNT OF FINE AND COARSE AGGREGATES AND ADMIXTURES. ALL EXTERIOR CONCRETE AND CONCRETE EXPOSED TO WEATHER SHALL BE AIR-ENTRAINED.

CONCRETE CYLINDER TESTS SHALL BE MADE BY AN INDEPENDENT QUALIFIED TESTING AGENCY, TO BE RETAINED AND PAID FOR BY THE CONTRACTOR, IN ACCORDANCE WITH ASTM SPECIFICATION FOR "COMPRESSION TESTS OF CONCRETE". A SET OF TEST CYLINDERS SHALL BE MADE FOR EACH 50 CUBIC YARDS, OR FRACTION THEREOF, OF CONCRETE PLACED:

CYLINDER NUMBER OF CYLINDERS REQUIRED SIZE 28 DAY 56 DAY

THE TESTING AGENCY SHALL BE RESPONSIBLE FOR OBTAINING SAMPLES AND FOR

ALL CONTINUOUS REINFORCING SHALL BE CONTINUOUS OR LAPPED AT ALL SPLICES, CORNERS AND INTERSECTIONS A MINIMUM OF 30 BAR DIAMETERS (U.N.O.).

PROVIDE SPACERS, CHAIRS, TIES AS REQUIRED AND NECESSARY FOR ASSEMBLING, PLACING AND SUPPORTING ALL REINFORCEMENT IN PROPER POSITION.

CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE AS GIVEN IN ACI-318.

ALL CONCRETE WORK, REINFORCING PLACEMENT, FORMWORK AND SHORING SHALL BE INSPECTED BY A PROFESSIONAL ENGINEER REGISTERED IN THE JURISDICTION OF THE PROJECT. CONCRETE QUALITY CONTROL, INSPECTION AND TESTING SHALL BE IN STRICT ACCORDANCE WITH THE PROJECT SPECIFICATIONS, AS WELL AS LOCAL BUILDING CODE REQUIREMENTS.

USE OF ADDITIVES SHALL NOT BE PERMITTED UNLESS SPECIFICALLY APPROVED BY THE STRUCTURAL ENGINEER. USE OF ADDITIVES CONTAINING CALCIUM CHLORIDE SHALL NOT BE

USE OF CEMENT SUBSTITUTES SUCH AS "NEWCEM" SHALL NOT BE PERMITTED WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER. THE USE OF NEWCEM WILL ONLY BE PERMITTED DURING SPECIFIC SEASONS. THE AMOUNT OF NEWCEM PERMITTED IN THE MIX DESIGN WILL BE LIMITED TO 25% BY WEIGHT OF THE TOTAL AMOUNT OF CEMENT IN THE MIX

REINFORCING STEEL: SHALL CONFORM TO ASTM SPECIFICATION A615, GRADE 60 FOR BARS, GRADE 40 FOR STIRRUPS AND TIES, AND ASTM SPECIFICATION A185 FOR WELDED WIRE FABRIC (WWF).

FABRICATION, INCLUDING ACCESSORIES, ALLOWANCE FOR CONCRETE PROTECTION AND MINIMUM AREA OF STEEL REQUIRED, TO BE IN ACCORDANCE WITH THE ACI BUILDING CODE AND MANUAL OF STANDARD PRACTICE.

MASONRY: LOAD BEARING CONCRETE MASONRY CONSTRUCTION TO BE IN ACCORDANCE WITH THE CURRENT ASCE 5/ACI 530/TMS 402. "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES", AND THE CURRENT ASCE 6/ACI 530.1/TMS/602, SPECIFICATIONS FOR MASONRY STRUCTURES." BEARING WALLS AND PIERS TO CONSIST ENTIRELY OF LOAD BEARING UNITS.

THE OWNER SHALL EMPLOY AN INDEPENDENT INSPECTION AND TESTING AGENCY TO ASCERTAIN THAT THE MASONRY WALLS ARE CONSTRUCTED IN COMPLIANCE WITH THE LOCAL BUILDING CODE AND THE AFOREMENTIONED SPECIFICATIONS.

ALL MASONRY CONSTRUCTION IS TO BE IN ACCORDANCE WITH ACCEPTABLE INDUSTRY STANDARDS AND METHODS OF CONSTRUCTION.

SHOP DRAWINGS FOR ALL REINFORCED MASONRY MUST BE SUBMITTED AND APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION.

PROVIDE LAYOUT DRAWINGS FOR THE BRACING OF FREE STANDING WALLS, PREPARED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF THE PROJECT.

PROVIDE DUR-O-WAL OR EQUAL EVERY BLOCK COURSE BELOW FINISHED FLOOR AND EVERY OTHER COURSE ABOVE FINISHED FLOOR UNLESS OTHERWISE SHOWN ON THE ARCHITECTURAL SECTION.

ALL HORIZONTAL WALL REINFORCING IS TO BE TRUSSED AND GALVANIZED. AT CORNERS AND INTERSECTIONS HORIZONTAL WALL REINFORCING TO BE FULLY LAPPED WITH TRUSSED GALVANIZED CORNERS AND TEES.

HOLLOW LOAD BEARING MASONRY UNITS SHALL CONFORM TO ASTM C90 REGULAR WEIGHT (UNLESS NOTED OTHERWISE). SOLID LOAD BEARING CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C145. THE UNIT MASONRY SHALL HAVE A NET UNIT COMPRESSIVE STRENGTH OF 1,500 PSI. THE COMPRESSIVE STRENGTH OF THE UNITS SHALL BE DETERMINED IN ACCORDANCE WITH ASTM C140-70, STANDARD METHODS OF SAMPLING AND TESTING CONCRETE MASONRY UNITS. A 28-DAY PRISM STRENGTH VALUE OF 1,350 PSI HAS BEEN USED IN THE DESIGN.

MORTAR FOR CONCRETE MASONRY SHALL CONFORM TO THE REQUIREMENTS OF THE ASTM SPECIFICATION FOR MORTAR UNIT MASONRY ASTM C270, TYPE M OR S. GROUT SHALL CONFORM TO ASTM C476.

CONCRETE GROUT USED TO FILL CORES IN REINFORCED MASONRY UNITS SHALL HAVE A 28-DAY STRENGTH OF 3,000 PSI MIN.

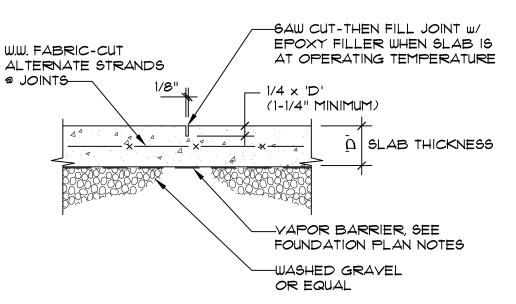
ALL WALLS BELOW GRADE ARE TO BE 100% SOLID.

DURING CONSTRUCTION, THE MASONRY WALLS SHALL BE PROPERLY BRACED UNTIL ANCHORAGE IS OBTAINED AT THE FLOOR LEVEL AND OR ROOF LEVEL. IT IS RECOMMENDED THAT THE UNBRACED HEIGHT NOT EXCEED 6 FEET.

ALL MASONRY IS TO BE LAID IN TYPE M OR S MORTAR WITH FULL HEAD AND BED JOINT. NON-LOAD BEARING MASONRY BLOCK SHALL CONFORM TO ASTM C-129.

A PRISM TEST SHALL BE PERFORMED FOR EVERY 5000 SQ. FT. OF MASONRY WALL SURFACE LAID UP. THE PRISM TEST SHALL CONFORM TO THE REQUIREMENTS OF ACI-530.1/ASCE 6/TMS 602, CURRENT EDITION.

CONTRACTOR IS TO PROVIDE REQUIRED BRACING AND SUPPORT FOR ALL MASONRY WORK UNTIL PERMANENT CONSTRUCTION IS IN PLACE. SEE SPECIFICATIONS AND DETAILS FOR GENERAL CONTROL JOINT REQUIREMENTS.



-CONCRETE PEDESTAL

STEEL COLUMN w/ BASE

PLATE, SEE PLAN

-ISOLATION JOINT

É CONTROL JOINT

-OPTIONAL METHODS

-SPECIAL CONTROL JOINT

MASONRY UNITS

MASONRY CONTROL JOINT @ CMU WALL

ISOLATION JOINT @ INTERIOR COLUMN

(IF REQUIRED)

PROVIDE CONTROL JOINTS BETWEEN CONSTRUCTION JOINTS WITH SPACING NOT TO EXCEED IN FEET 3 TIMES THE SLAB THICKNESS IN INCHES IN EACH DIRECTION. CONTROL JOINTS TO BE FORMED WHILE CONCRETE IS STILL PLASTIC OR SAW CUT WITHIN 8 HOURS OF PLACING CONCRETE.

CONCRETE WITHIN ISOLATION

AREAS HAVE BEEN PLACED

STANDARD STRETCHER UNITS W/

3,000 PSI PEA GRAVEL CONCRETE-

CAULKING

MOLDED

(EACH SIDE)

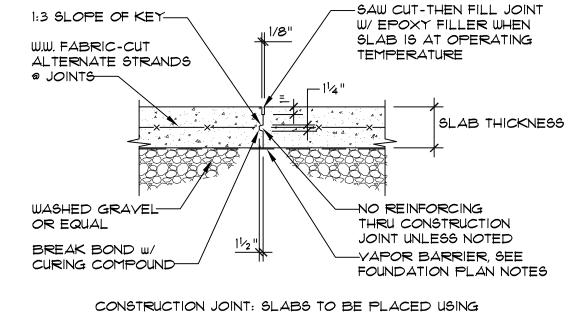
CONTROL JOINT

CORE LINED ON ONE SIDE W/

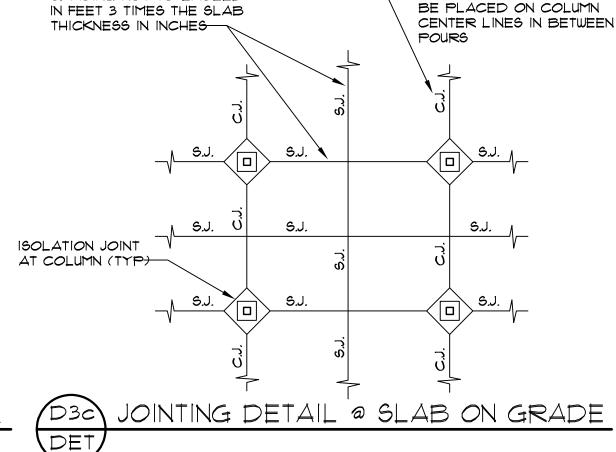
BUILDING PAPER & FILLED W/

JOINT TO BE PLACED

AFTER ADJACENT SLAB



EITHER ADJACENT LANES OR ALTERNATE LANES. ALLOW 2 DAYS BETWEEN PLACEMENT OF ADJACENT SECTIONS. CONSTRUCTION JOINT MAY REPLACE CONTROL JOINT.



CONSTRUCTION JOINTS TO

SAWED CONTROL JOINT

SPACING NOT TO EXCEED

CONSTRUCTION JOINT (C.J.) w/ W.W.F

—EXISTING WALL--EXISTING FOOTING-BOTTOM OF EXISTING FOOTING —DRY PACK & RAM w/— 4'-0" MAX. | 4'-0" MAX. | 4'-0" MAX. | 4'-0" MAX. | 4'-0" MAX. NON SHRINK GROUT

1. UNDERPINNING OF EXISTING ADJACENT BUILDING WALLS SHALL BE OF PLAIN CONCRETE HAVING A 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI. UNDERPINNING SHALL BE CONTINUOUS ALONG THE WALLS AND BEAR ON UNDISTURBED EARTH. EXISTING WALLS SHALL BE ADEQUATELY BRACED UNTIL NEW FOUNDATION WALL IS IN PLACE. USE SUPERPLASTICIZED CONCRETE TO ELIMINATE ALL YOID SPACES.

-BOTTOM OF NEW UNDERPINNING CONCRETE

2. ALTERNATE UNITS AS FOLLOWS: INSTALL ALL '1' UNITS BEFORE PROCEEDING WITH '2' UNITS. ADJACENT UNIT SHALL NOT BE PLACED WITHIN 4 DAYS OF EACH OTHER.

TYPICAL UNDERPINNING DETAI

PORTION OF ALL WALLS AND PARTITIONS AS FOLLOWS: WHEN LENGTH EXCEEDS 25'-0". 2. AT JUNCTIONS OF BEARING AND NON-BEARING WALLS, CHANGES IN WALL HEIGHT OR THICKNESS, JUNCTIONS OF WALL WITH COLUMNS AND PIERS AND INTERSECTING WALL AND PARTITION JUNCTION WHEN THE PARTITION LENGTH EXCEEDS

3. AT RETURN ANGLES OF 'L', 'T' AND 'U' SHAPED WALL

5. AT ONE SIDE OF WALL OPENINGS LESS THAN 6'-0" AND BOTH SIDES OF OPENINGS OVER 6'0" WIDE.

NOTES FOR MASONRY CONTROL JOINT PROVIDE VERTICAL CONTROL JOINTS IN CONCRETE MASONRY

ELEVATION

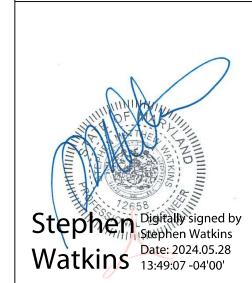
12'-0".

CONSTRUCTION. 4. AT CHASES AND RECESSES FOR PIPING OR FIXTURES.

6. CONTROL JOINT SPACING SHALL NOT EXCEED 25'0" WHEREVER FEASIBLE. CONTROL JOINTS MAY BE EASILY LOCATED AT ENDS OF LINTELS OVER DOOR OPENINGS AND EXTEND UP FOR

REMAINDER OF THE WALL HEIGHT. CONTROL JOINTS SHALL EXTEND THROUGH ENTIRE WALL THICKNESS AND FOR FULL WALL HEIGHT THROUGH ALTERNATE BOND BEAM JOINTS.

8. BOND SHALL BE CUT AT A MAXIMUM OF 50'0", EXCEPT AT CORNER CORNER OF BUILDING, JOINT SHALL NOT EXCEED



PROFESSIONAL CERTIFICATION I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NUMBER 12658, EXPIRATION DATE 10/11/2025."

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CONSULTANTS: Partnership In Consulting Structural Engineerin

3018 Mitchellville Road Bowie, Maryland Phone: (301) 249-0974 PROJECT#: 20239072

<u>О</u> THVIEW | MD 2071 ANOP 0 NOF Z W 9  $\overline{\triangleleft}$ 

PROJ. NO: 20668 DATE: 08/01/2025 AS NOTED SCALE: REVISION:

SHEET NO. 13 OF 20

### POWER SYMBOLS

### <u>LIGHTING SYMBOLS</u>

SYMBOL	DESCRIPTIONS	MH (UON)	SYMBOL	DESCRIPTIONS	MH (UON)
$\Theta$	DUPLEX RECEPTACLE	18" CTR	\$	SINGLE POLE TOGGLE SWITCH	48" TOD
	FUSED DISCONNECT SWITCH		\$° <sub>D</sub>	WALL MOUNTED DIMMER SWITCH	48" TOD
	PANELBOARD		0	LIGHTING FIXTURE — RECESSED, SURFACE, OR PENDANT MOUNTED, TYPE AS SPECIFIED	
ww m	TRANSFORMER			LINEAR LIGHTING FIXTURE — WALL MOUNTED.	
€—	CURRENT TRANSFORMER				
Р	ELECTRIC LOCKING IN-GROUND BOX & DOUBLE DUPLEX GR	FI RECEPTACLE	ELECT	RICAL DRAWING PRESENTATION	
Π	CAT6 COMMUNICATION GROUND BOX/ACCESS PANEL WITH IT OUTLETS AS REQUESTED BY OWNER		<u>^</u>	REVISION NUMBER 2	
<b>©</b> H	SPECIAL RECEPTACLE, 50A 3P NEMA 10-50R		2	DRAWING NOTE NUMBER 2	
1. THIS	RAL NOTES:  IS A STANDARD SYMBOL LIST, SOME SYMBOLS MAY APPEAR ON THE ACCOMPANYING DRAWINGS.		(22A) X XX XX	EQUIPMENT TAG NUMBER — REFER TO EQUIPMENT SCHEDULE DEMOLITION LINE TYPE ON DEMOLITION DRAWINGS  SECTION/ELEVATION IDENTIFICATION	
3. PLAN RISE 4. ON S	ER TO SPECIFICATIONS FOR DETAILED REQUIREMENTS.  N & SECTION SYMBOLS MAY ALSO BE USED ON R DIAGRAMS.  SINGLE LINE DIAGRAMS FOR 3 PHASE SYSTEMS,		<u>X</u> <u>XX</u>	PART PLAN AND DETAIL IDENTIFICATION  EXISTING LINE TYPE  NEW ELECTRICAL WORK LINE TYPE	
5. UNLE	CE QUANTITY = 3 UNLESS OTHERWISE NOTED.  ESS OTHERWISE NOTED ALL INTERIOR CONDUITS AND ES SHALL BE CONCEALED.		***************************************	FUTURE ELECTRICAL WORK LINE TYPE DEMOLITION ELECTRICAL WORK LINE TYPE	

### LIGHTING CIRCUIT FIXTURE DESIGNATIONS

CIRCUIT NUMBER # CONTROL ZONE DESIGNATION

X - FIXTURE TYPE

### CONDUCTOR RATING SCHEDULE

6. LOWERCASE LETTER (a) DESIGNATES FIXTURES CONTROLLED.

SHALL BE CONTROLLED.

IF NO DESIGNATION IS PROVIDED, ALL LIGHTS IN ROOM/ZONE

AND BELOW THE FINISHED CEILING OF NOT LESS THAN 6".

8. NUMERAL NEXT TO DEVICE INDICATES CANDELA RATING.

7. DEVICE SHALL BE MOUNTED A MINIMUM OF 80" AFF TOP OF DEVICE

Conductor Length (ft) for 12A Load at 3% voltage drop				
	120V	277V		
#12	80	185		
#10	130	310		
#8	200	470		
#6	315	735		

### <u>CIRCUIT</u>

\*CIRCUIT DESIGNATION

\* SEE NOTES FOR PANEL DESIGNATIONS FOR EACH AREA.

IN[	DEX OF DRAWINGS						
DRAWING NO.	DESCRIPTION						
E001	ELECTRICAL LEGEND & ABBREVIATIONS						
ES101	SITE PLAN — NEW WORK						
E101	FLOOR PLAN - NEW WORK POWER						
E201	FLOOR PLAN - NEW WORK LIGHTING						
E401	ELECTRICAL DETAILS						
E402	ELECTRICAL DETAILS						
E601	ELECTRICAL SCHEDULES						

### ELECTRICAL ABBREVIATIONS

A, AMP AC		AMPERE ALTERNATING CURRENT	KVAR KW		KILOVOLT AMPERES REACTIVE KILOWATTS
A/C		AIR CONDITIONING	KWH		KILOWATT HOUR
AFC		ABOVE FINISHED CEILING	LA		LIGHTNING ARRESTOR
AFCI	_	ARC FAULT CIRCUIT INTERRUPTOR			LIGHTING CONTACTOR
AFF		ABOVE FINISHED FLOOR	LTG	_	LIGHTING
AFG		ABOVE FINAL GRADE	LTNG		LIGHTNING
AHU		AIR HANDLING UNIT	LP		LIGHTING PANEL
AIC ALT		AMPS INTERRUPTING CAPACITY ALTERNATE			LOCKED ROTOR AMPERES
ALI ANN		ANNUNCIATOR	MATV		MASTER ANTENNA TELEVISION MAIN CIRCUIT BREAKER
APPROX		APPROXIMATELY	MCB MCC		MOTOR CONTROL CENTER
ARCH		ARCHITECT	MEH		METAL HALIDE
ATC		AUTOMATIC TEMPERATURE	MH		MANHOLE, MOUNTING HEIGHT
		CONTROL	MLO		MAIN LUGS ONLY
ATS	_	AUTOMATIC TRANSFER SWITCH	MS		THERMAL MANUAL MOTOR STARTER
AWG	_	AMERICAN WIRE GAUGE	MSP	_	MOTOR STARTER PANEL
BAS	_	BUILDING AUTOMATION SYSTEM	MTD	_	MOUNTED
BFC		BELOW FINISHED CEILING	MV		MERCURY VAPOR
BFG		BELOW FINISHED GRADE	NC		NORMALLY CLOSED
BLDG		BUILDING	NEC		NATIONAL ELECTRICAL CODE
BOD C, CND		BOTTOM OF DEVICE CONDUIT	NFSS NO		NON-FUSED SAFETY SWITCH NUMBER, NORMALLY OPEN
CATV		CABLE TELEVISION	OC		ON CENTER
CB		CIRCUIT BREAKER	OFCI		OWNER FURNISHED
CCTV		CLOSED CIRCUIT TELEVISION	0. 0.		CONTRACTOR INSTALLED
CKT		CIRCUIT	OFOI	_	OWNER FURNISHED
CL		CURRENT LIMITING			OWNER INSTALLED
CLG		CEILING	ОН	_	OVERHEAD
CONN	_	CONNECT	Ø, PH		PHASE
CPT	_	CONTROL POWER TRANSFORMER	Р		POLE
CT		CURRENT TRANSFORMER	PB		PUSHBUTTON
CTR		CENTER	PF		POWER FACTOR
CU,CO CX		COPPER CONNECT TO EXISTING	PFCC	_	POWER FACTOR CORRECTION
		DIRECT CURRENT	PL	_	CAPACITOR PILOT LIGHT
DISC		DISCONNECT	PLC		PROGRAMMABLE LIGHTING CONTROL
DN		DOWN	PNL		PANEL
		DISTRIBUTION PANEL	PP		POWER PANEL
		DOUBLE POLE SINGLE THROW			PAIR
DPDT		DOUBLE POLE DOUBLE THROW			POTENTIAL TRANSFORMER
DT		DOUBLE THROW	PVC		POLYVINYL CHLORIDE
DWG	_	DRAWING	Pp	_	PUMP
E,EM,EMR(	<b>3</b> —	EMERGENCY	QTY	_	QUANTITY
EA		EACH	RCS		REMOTE CONTROL SWITCH
EC		EMPTY CONDUIT			RECEPTACLE
		EXHAUST FAN			EXISTING TO BE RELOCATED/RELOCATED
EH		ELECTRIC HEATER	REQ'D		REQUIRED
ELEC ELEV		ELECTRIC ELEVATION	RFI RGS		RADIO FREQUENCY INTERFERENCE RIGID GALVANIZED STEEL
ELR		EMERGENCY LTG CONTROL RELAY			RUNNING LOAD AMPERES
EMT		ELECTRICAL METALLIC TUBING	RM		ROOM
ETR		EXISTING TO REMAIN	RVAT		REDUCED VOLTAGE AUTO TRANSFORMER
EX		EXISTING	RX		REMOVE EXISTING
EXP	_	EXPOSED	SC	_	SURGE CAPACITOR
EWC	_	ELECTRIC WATER COOLER	SEC	_	SECONDARY
FR	_	FRAME	SN, S/N	_	SOLID NEUTRAL
FA		FIRE ALARM	SP		SURGE PROTECTION
FAAP		FIRE ALARM ANNUNCIATOR PANEL			SINGLE POLE DOUBLE THROW
FACP		FIRE ALARM CONTROL PANEL	SS		SAFETY SWITCH
FBO		FURNISHED BY OTHERS	SST		SOLID STATE
FC		FAN COIL FEEDER	ST		SINGLE THROW
FDR FLA		FULL LOAD AMPERES	SW SWBD		SWITCH SWITCHBOARD
FLR		FLOOR	SWGR		SWITCHBOARD
FU		FUSED AND FUSIBLE	T		TRANSFORMER
FUSS		FUSED SAFETY SWITCH	TBR		TO BE REMOVED
FVR		FULL VOLTAGE REVERSING	TC		TIME CLOCK
FVNR		FULL VOLTAGE NON-REVERSING			TELEPHONE
GEN	_	GENERATOR, GENERAL	TOD		TOP OF DEVICE
GFI	_	GROUND FAULT INTERRUPTER	TH	_	TUNGSTEN HALOGEN
GFR		GROUND FAULT RELAY	TTB		TELEPHONE TERMINAL BOARD
GRD, GND			TW		TWISTED
GRS		GALVANIZED RIGID STEEL	TYP		TYPICAL
HID		HIGH INTENSITY DISCHARGE	UC	_	UNDERCABINET
L/ \ \ \		HAND-OFF-AUTOMATIC HORSEPOWER	UG		UNDERGROUND
		HIGH PRESSURE SODIUM	UH		UNIT HEATER
HP	_	HEATER	UON		UNLESS OTHERWISE NOTED
HP HPS			V		VOLTS
HP HPS HTR	_		VFD		VARIABLE FREQUENCY DRIVE
HP HPS HTR HV	_ _	HIGH VOLTAGE			MATTC MIDE
HP HPS HTR HV HZ	- - -		W		WATTS, WIRE
HOA HP HPS HTR HV HZ IG JB	_ _ _ _	HIGH VOLTAGE HERTZ	W W/	_	WITH
HP HPS HTR HV HZ IG	- - - -	HIGH VOLTAGE HERTZ ISOLATED GROUND	W W/ WP	_ _	WITH WEATHER-PROOF
HP HPS HTR HV HZ IG JB	- - - -	HIGH VOLTAGE HERTZ ISOLATED GROUND JUNCTION BOX	W W/ WP XFMR	_ _ _	WITH WEATHER-PROOF TRANSFORMER
HP HPS HTR HV HZ IG JB KCMIL	_ _ _ _ _	HIGH VOLTAGE HERTZ ISOLATED GROUND JUNCTION BOX THOUSAND CIRCULAR MILS	W W/ WP	- - -	WITH WEATHER-PROOF



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AM A DULY LICENSED ENGINEER UNDER THE
LAWS OF THE STATE OF MARYLAND, LICENSE
NUMBER 16961, EXPIRATION DATE 06/14/2026."

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CONSULTANTS:



RMF ENGINEERING, INC. 5520 RESEARCH PARK DRIVE SUITE 300 BALTIMORE, MD 21228 P: 410-576-0505 F: 410-385-0327

PROJECT:

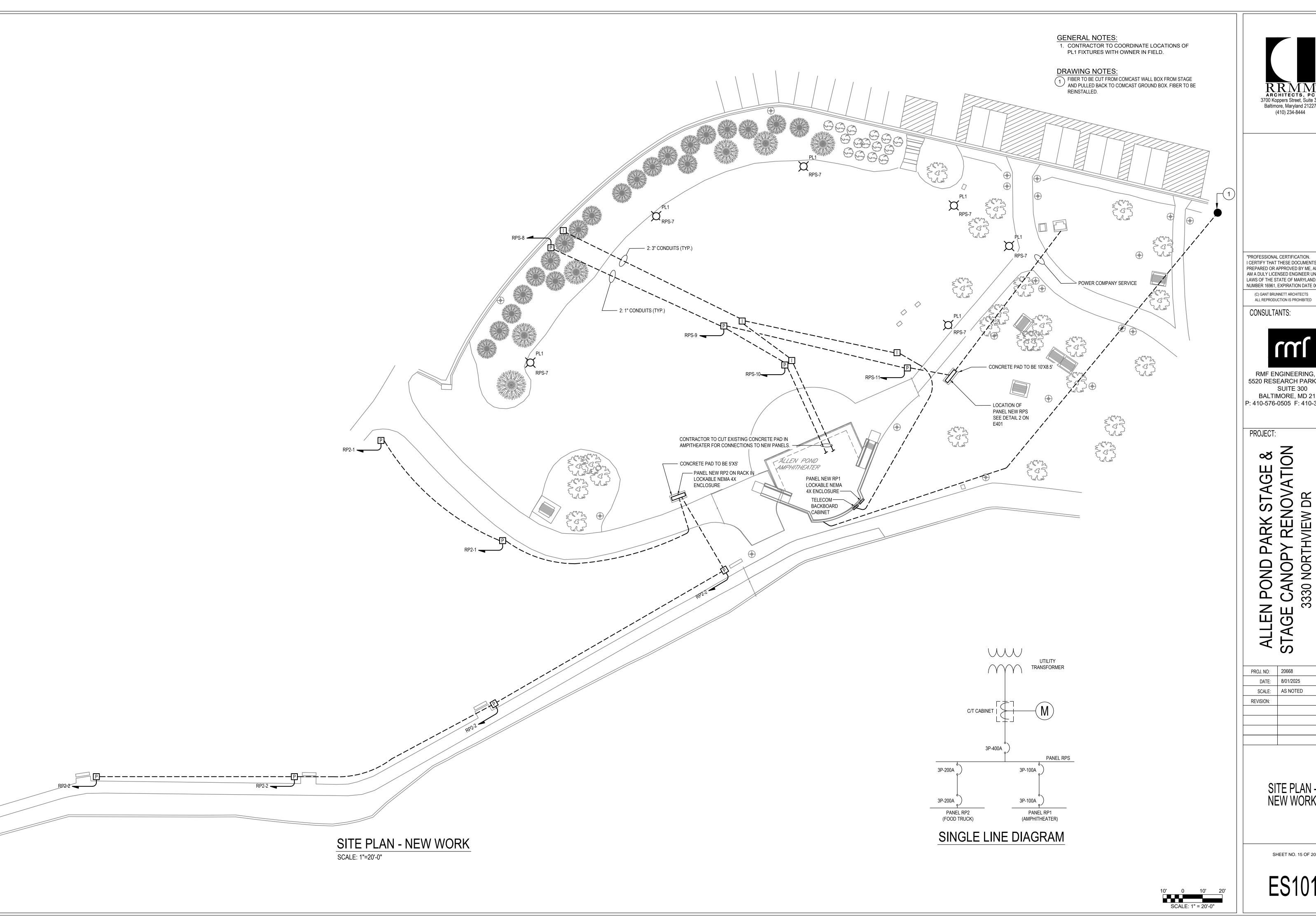
ALLEN POND PARK STAGE &
STAGE CANOPY RENOVATION
3330 NORTHVIEW DR
BOWIE, MD 20716

PROJ. NO:	20668
DATE:	8/01/2025
SCALE:	AS NOTED
REVISION:	

ELECTRICAL LEGEND & ABBREVIATIONS

SHEET NO. 14 OF 20

E00'





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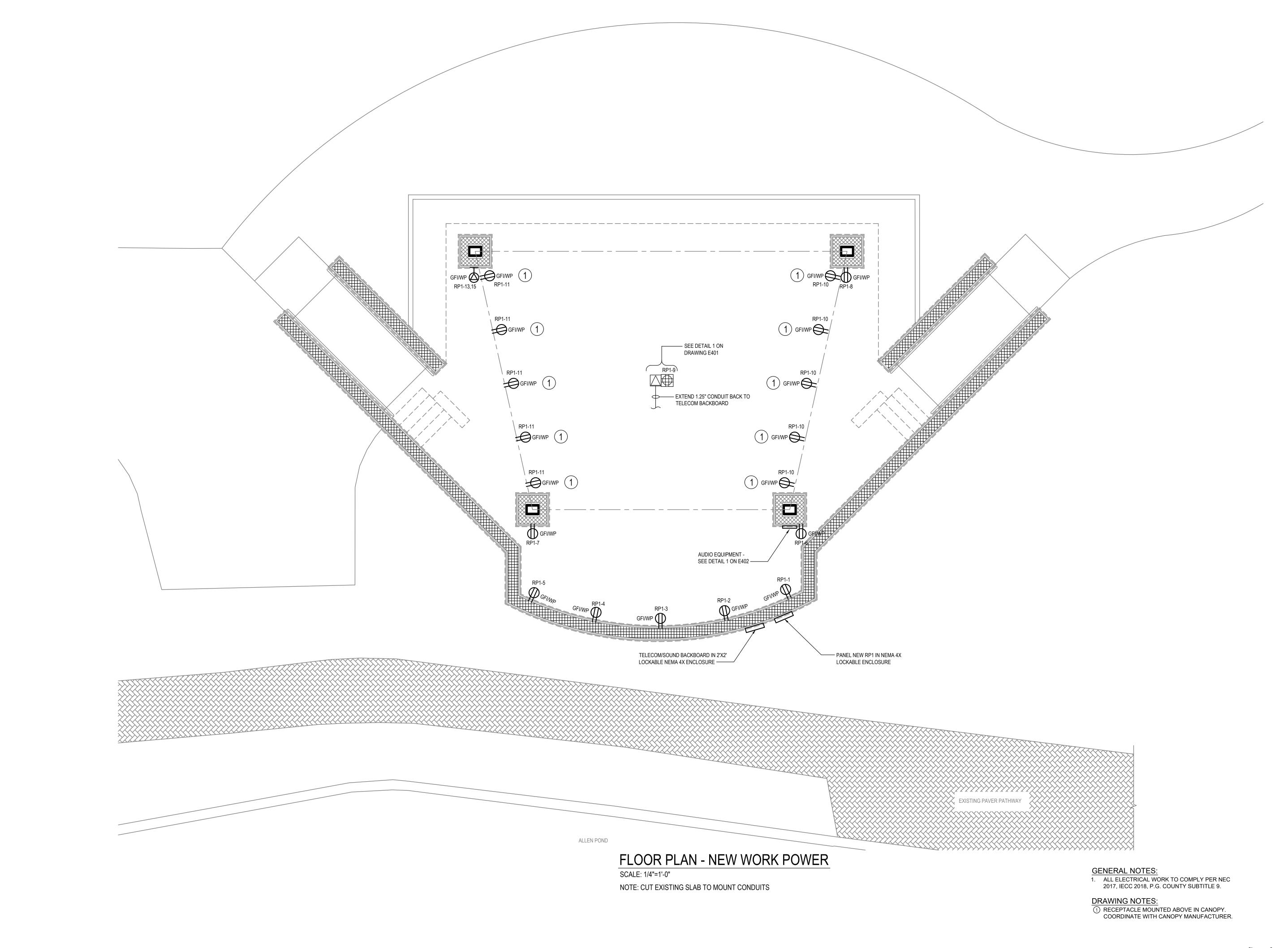
GE GE ALLEN POND PARK STAGI STAGE CANOPY RENOVAT 3330 NORTHVIEW DR BOWIE, MD 20716

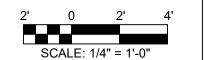
20668
8/01/2025
AS NOTED

SITE PLAN -NEW WORK

SHEET NO. 15 OF 20

ES101





RRMM®
ARCHITECTS, PC
3700 Koppers Street, Suite 300
Baltimore, Maryland 21227
(410) 234-8444

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P: 410-576-0505 F: 410-385-0327

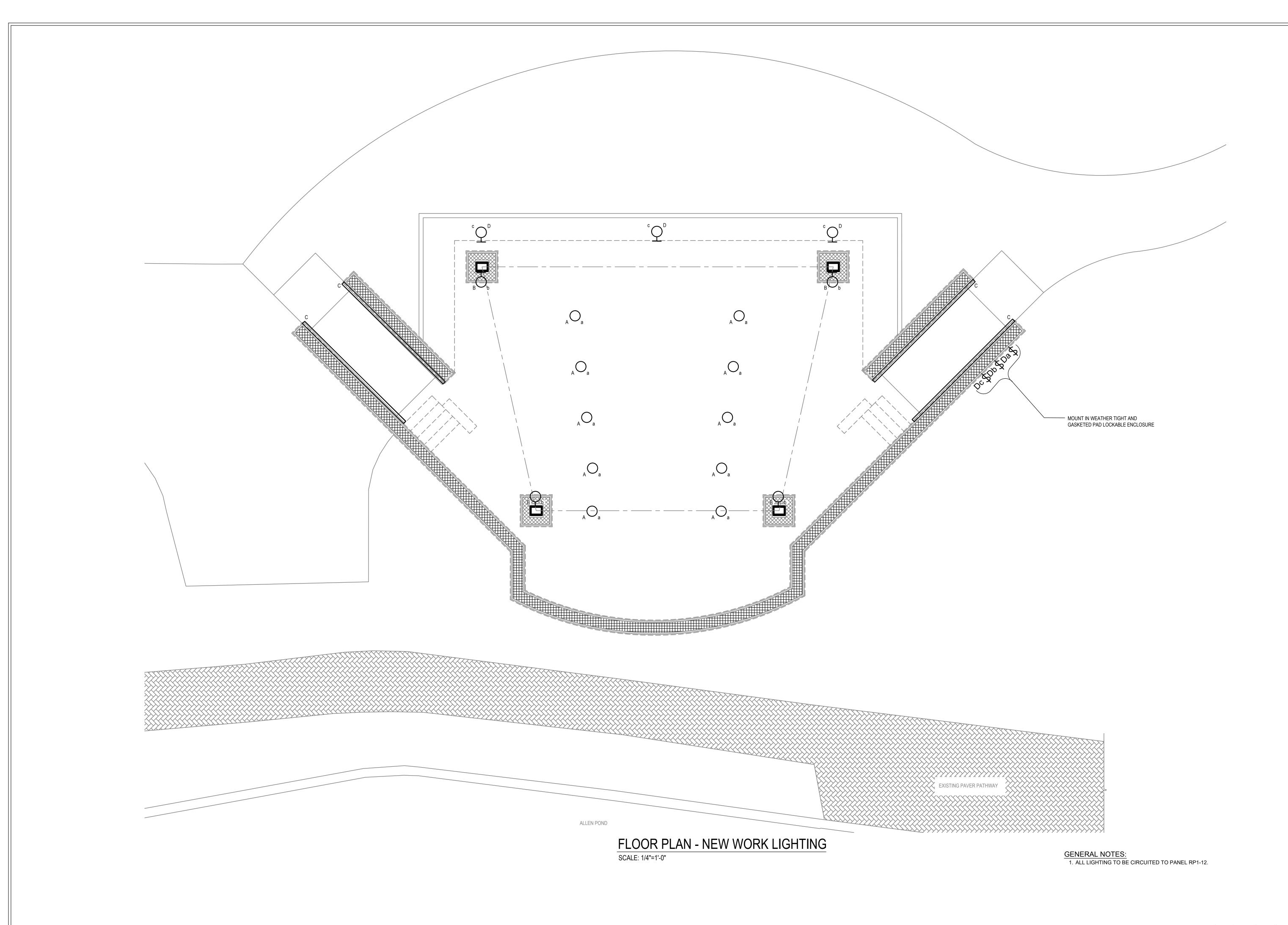
PROJECT:

ALLEN POND PARK STAGE &
STAGE CANOPY RENOVATION
3330 NORTHVIEW DR
BOWIE, MD 20716

PROJ. NO:	20668
DATE:	8/01/2025
SCALE:	AS NOTED
REVISION:	

FLOOR PLAN -NEW WORK POWER

SHEET NO. 16 OF 20





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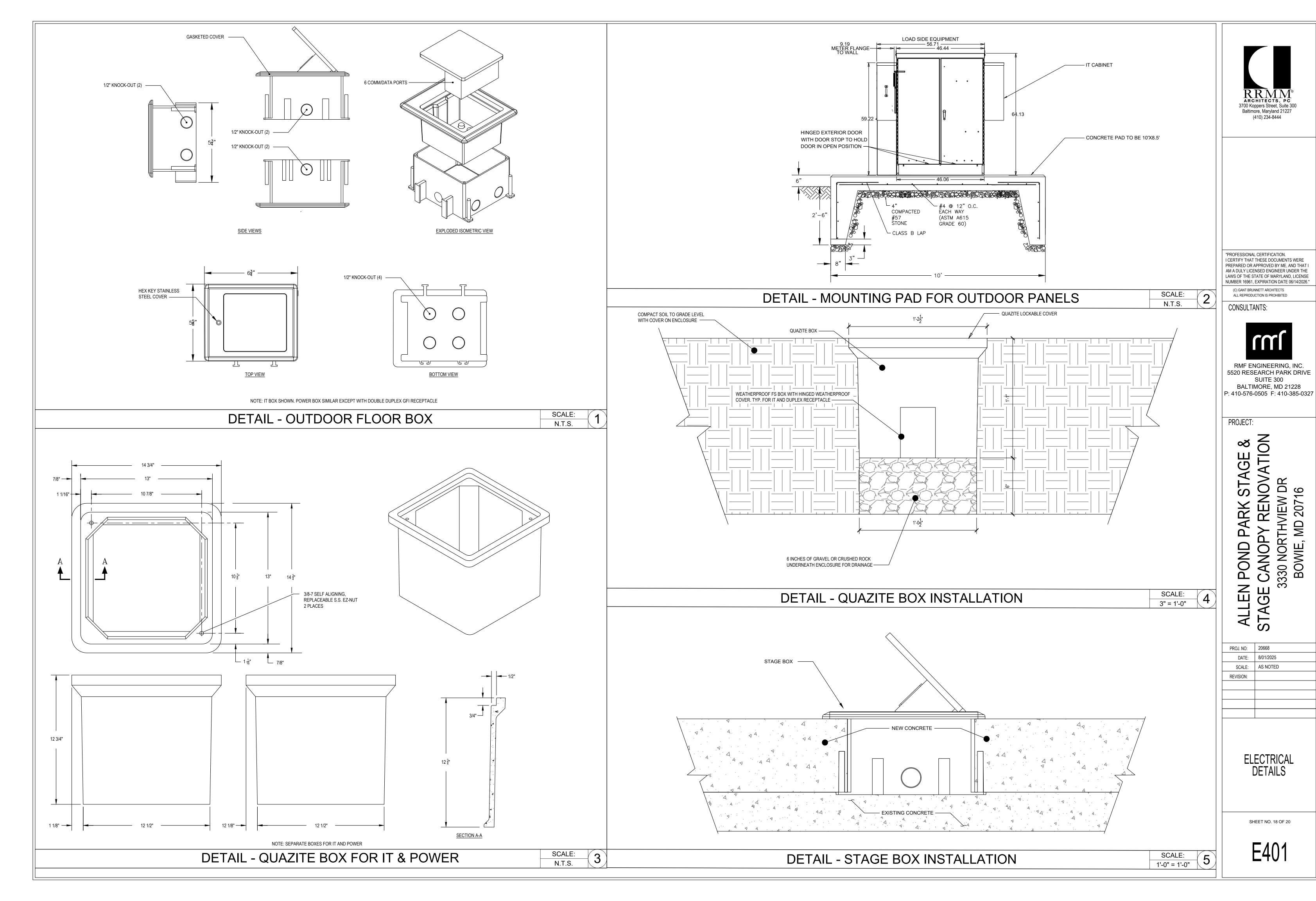
PROJECT:

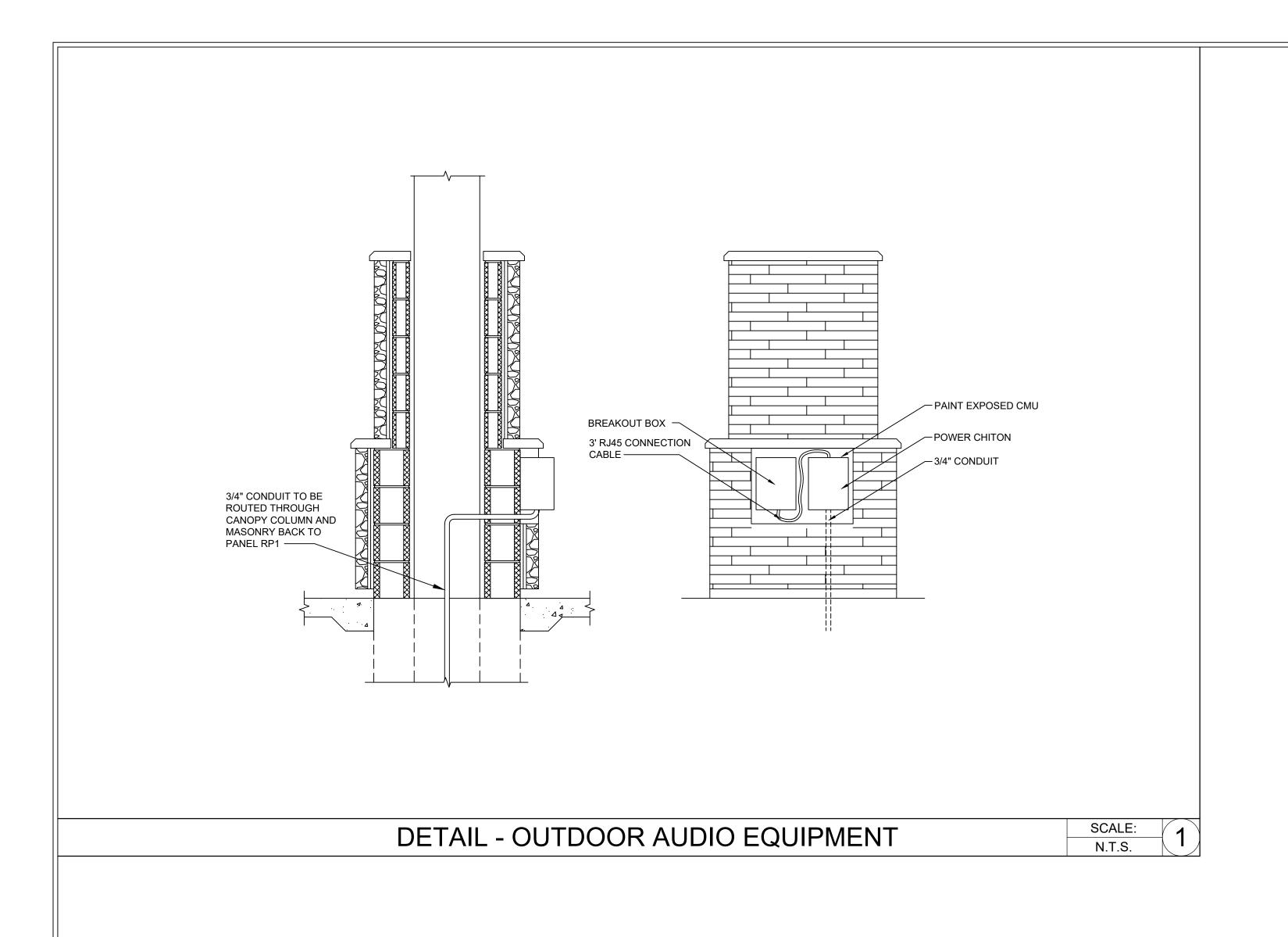
ALLEN POND PARK STAGE &
STAGE CANOPY RENOVATION
3330 NORTHVIEW DR
BOWIE, MD 20716

PROJ. NO:	20668
DATE:	8/01/2025
SCALE:	AS NOTED
REVISION:	

FLOOR PLAN -NEW WORK LIGHTING

SHEET NO. 17 OF 20







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PROJECT:

# ALLEN POND PARK STAGE & STAGE CANOPY RENOVATION 3330 NORTHVIEW DR BOWIE, MD 20716

PROJ. NO:	20668
DATE:	8/01/2025
SCALE:	AS NOTED
REVISION:	
	DATE: SCALE:

ELECTRICAL DETAILS

SHEET NO. 19 OF 20

PANEL NO.: NEW RP1 ALLEN POND AMPHITHEATER PROJECT: USAGE: **BRANCH** LOCATION: WALL OF AMPHITHEATER PHASES: L-L VOLTS 208V L-G VOLTS 120V RMF PROJECT NO.: -BUS AMPS: 200A FED FROM: NEW RPS MAIN CB AMPS: 200A AIC RATING: 10,000

		CIRC	UIT		LOAD	DESCRIPTION	NOTES	BREAK	ER	CKT.	CKT.	BREAK	ER	NOTES	DESCRIPTION	LOAD			CIRC	JUIT	
SETS	WIRE	NEUT.	GND.	COND.	AMPS.			POLE	AMP.	#	#	AMP.	POLE	1		AMPS.	SETS	WIRE	NEUT.	GND.	COND.
1	#12	#12	#12	3/4"	10.0	REC: THEATER BACK WALL		1	20	1	<b>A</b> 2	20	1		REC: THEATER BACK WALL	10.0	1	#12	#12	#12	3/4"
1	#12	#12	#12	3/4"	10.0	REC: THEATER BACK WALL		1	20	3	<b>B</b> 4	20	1		REC: THEATER BACK WALL	10.0	1	#12	#12	#12	3/4"
1	#12	#12	#12	3/4"	10.0	REC: THEATER BACK WALL		1	20	5	<b>C</b> 6	20	1		REC: THEATER COLUMN	10.0	1	#12	#12	#12	3/4"
1	#12	#12	#12	3/4"	10.0	REC: THEATER COLUMN		1	20	7	<b>A</b> 8	20	1		REC: THEATER COLUMN	10.0	1	#12	#12	#12	3/4"
1	#12	#12	#12	3/4"	10.0	REC: THEATER FLR QUAD		1	20	9	<b>B</b> 10	20	1		REC: THEATER FRAME	10.0	1	#12	#12	#12	3/4"
1	#12	#12	#12	3/4"	10.0	REC: THEATER FRAME		1	20	11	<b>C</b> 12	20	1		LTG: THEATER	1.8	1	#12	#12	#12	3/4"
1	#6	#6	#10	3/4"	5.8	REC: THEATER COLUMN		2	50	13	<b>A</b> 14	20	2		SPARE	0.0				1	
					5.8					15	<b>B</b> 16					0.0					
					0.0	SPACE		1		17	<b>C</b> 18		1		SPACE	0.0					
					0.0	SPACE		1		19	<b>A</b> 20		1		SPACE	0.0					
					0.0	SPACE		1		21	<b>B</b> 22		1		SPACE	0.0					
					0.0	SPACE		1		23	<b>C</b> 24		1		SPACE	0.0					
					0.0	SPACE		1		25	<b>A</b> 26		1		SPACE	0.0					
					0.0	SPACE		1		27	<b>B</b> 28		1		SPACE	0.0					
					0.0	SPACE		1		29	<b>C</b> 30		1		SPACE	0.0					
					0.0	SPACE		1		31	<b>A</b> 32		1		SPACE	0.0					
					0.0	SPACE		1		33	<b>B</b> 34		1		SPACE	0.0					
					0.0	SPACE		1		35	<b>C</b> 36		1		SPACE	0.0					
					0.0	SPACE		1		37	<b>A</b> 38		1		SPACE	0.0					
					0.0	SPACE		1		39	<b>B</b> 40		1		SPACE	0.0					
					0.0	SPACE		1		41	<b>C</b> 42		1		SPACE	0.0					

LUAD SUMMARY	CON. KVA	%	DEM. KVA
RECEPTACLES	14.62	code	12.31
MOTORS	0	100%	0
LIGHTS (INT.)	0	125%	0
LIGHTS (EXT.)	0	125%	0
HVAC (HEAT)	0	100%	0
HVAC (COOL)	0	100%	0
VENTILATION	0	100%	0
KITCHEN	0	65%	0
EMERGENCY	0	100%	0
MISC.	0	100%	0
FUTURE	0	100%	0
OTHER	0	100%	0
EXISTING	0	125%	0
LARGEST MTR	0	25%	0
TOTAL KVA	15 KVA		12 KVA
TOTAL AMPS	41 AMPS		34 AMPS

### PANEL NOTES: 1 - PROVIDE GROUND BUS

_	•	INOVIDE	divooi	10 00.	,		
2	_	PROVIDE	FUL I	ST7F	NEUTRAL	BUS	Ш

- UNLESS NOTED OTHERWISE 3 . LO - INDICATES C.B. EQUIPPED WITH "LOCK-ON" DEVICE
- 4 . GFI INDICATES C.B. IS GFI TYPE (30 mA FOR EQUIPMENT, 5 mA FOR PERSONNEL)
- 5 . ST- INDICATES C.B. EQUIPPED WITH SHUNT TRIP DEVICE
- 6 . IG INDICATES CIRCUIT SHALL INCLUDE ADDITIONAL ISOLATED GROUND CONDUCTOR

IMI	DME						ALLI	EN PO	ND A	MP	ITHE/	TER									
	RMF Engine	ering																			
5520 RESE	ARCH PARK	DRIVE																			
BALTIMOR	RE MD 21228										<b>VOLT</b>	AGE [	DROP V	VORKS	HEET						
Reliability.	Efficiency. In	tegrity																			
DATE:	2025-07-28		ENGINEER:	VMV																	
CLIENT:			PROJECT #:	0123085	56.A0																
								SOURCE				JCTOR ERTIES			ACCUM				ACCUM.	DIST. END	
END OF VOLTAGE DROP POINT	TO SOURCE POINT	DIST. PT. TO PT. (FT.)	WIRE SIZE (AWG) COPPER	WIRES PER PHASE	CONDUIT TYPE (MAG) (NON)	ADJUSTMEN T	AMPERES PT. TO PT.	VOLTAGE	PHAS E (1,3)	P.F.	R (OHMS)	X <sub>L</sub> (OHMS)	EQUIV. AMPS PER COND. PT. TO PT.	VOLTAGE DROP PT. TO PT. (VOLTS)	VOLTAGE DROP END PT. (VOLTS)	VOLTAGE AT END PT. (VOLTS)	VOLTAGE DROP (%)	WATTS LOSS PT. TO PT. (W)	WATTS LOSS PT. TO PT. (W)	PT. TO SOURCE PT. (FT.)	END OF VOLTAG DROP POINT
	В	44	12	1	NON	1.00	0.59	120	1	1.00	0.08800	0.00238	0.59	0.103	0.702	119.30	0.59%	0	0	638	А
	С	88	12	1	NON	1.00	0.49	120	1	1.00	0.17600	0.00475	0.49	0.172	0.599	119.40	0.50%	0	0	594	В
	D	60	12	1	NON	1.00	0.39	120	1	1.00	0.12000	0.00324	0.39	0.094	0.427	119.57	0.36%	0	0	506	С
	E	136	12	1	NON	1.00	0.29	120	1	1.00	0.27200	0.00734	0.29	0.159	0.334	119.67	0.28%	0	0	446	D
	F	138	12	1	NON	1.00	0.20	120	1	1.00	0.27600	0.00745	0.20	0.108	0.175	119.83	0.15%	0	0	310	E
	G	172	12	1	NON	1.00	0.10	120	1	1.00	0.34400	0.00929	0.10	0.067	0.067	119.93	0.06%	0	0	172	F

	1	ICHTING F	TYTUR	E SCHEDUI			
NOTE:	VERIFY CEILING AND WALL CONSTRUCTION AND FIN MOUNTING FRAMES, BRACKETS AND HARDWARE AS INDICATED ARE TO BOTTOM OF FIXTURE	ISHES WITH TH	E ARCHIT	ECT'S DRAWINGS	AND FINISH S		
TYPE	DESCRIPTION	VOLTS	LAMP	S TYPE	MAX W.	MOUNTING	MANU. / MODEL No. (OR APPROVED EQUAL)
A	ROOK X 2" PENDANT/SURFACE MOUNT FIXTURE	120		LED	12	SURFACE	RKX-SM-F-C-WF-30-BLK
В	ROOK X 2" EXTERIOR ADJUSTABLE ACCENT	120		LED	12	SURFACE	RKX-AS-F-WF-30-BLK
С	ALUZ A8 SERIES LED TAPE	120		LED	4.5	SURFACE	KIM-EL815BL
D	VOLTAIRE ARCHITECTURAL FLOOR LIGHT	UNV		LED	36	SURFACE	VF1-L35/730-MF-CU-BLK -OPTIONS-DIM-UNV
PL1	CONTEMPORARY ROUND FORM BOLLARD	120		LED	11.7	BOLLARD	A8-ZUFI-FLM-HB-2W-30K-IP67

	PANEL NO.: USAGE: LOCATION: PHASES:			USAGE:		NEW RP2 BRANCH WEST OF AMPHITHEATER 3									ALLEN POND AMPHITHEATER						
				L-L VOLTS L-G VOLT BUS AMPS: MAIN CB A AIC RATIN	S MPS:	208V 120V 100A 100A 10,000							PROJECT FROM:		- NEW RPS						
		CTR	CUIT		LOAD	DESCRIPTION	NOTES	BREAK	FR	СКТ.	CKT	BREA	KER	NOTES	DESCRIPTION	LOAD			CTR	CUIT	
SETS	WIRE	NEUT.		COND.	AMPS.	DESCRIPTION	INOTE:	POLE		#	#		POLE	10123	DESCRIPTION	1		WIRE			COND.
1	#12		#12	3/4"	+	OUTDOOR RECEPTACLES		1	20	-	A 2	20	1		OUTDOOR RECEPTACLES	10.0	1	#12		#12	3/4"
	" 12	† "± <u>"</u>	" ± <u> </u>	37 1	0.0	SPACE		1			B 4	1 -	1		SPACE	0.0	+ -	" 12	" 12	"	3/ 1
					0.0	SPACE		1			<u> </u>		1		SPACE	0.0					
			1		0.0	SPACE		1			A 8	1	1		SPACE	0.0	1				
		1	<u> </u>		0.0	SPACE		1	1		B 10		1	1	SPACE	0.0					
			1		0.0	SPACE	1	1	1	+	C 12	†	1		SPACE	0.0	1				
			<u> </u>		0.0	SPACE		1	1		A 14	1	1		SPACE	0.0	1				
			<del>                                     </del>		0.0	SPACE	+	1	1		B 16		1	1	SPACE	0.0					
					0.0	SPACE		1		+	C 18		1		SPACE	0.0					
					0.0	SPACE		1		+	A 20		1		SPACE	0.0					
			<del>                                     </del>		0.0	SPACE	+	1			B 22		1		SPACE	0.0					
		-	+		0.0	SPACE	_	1			C 24		1		SPACE	0.0	+				
			+		0.0	SPACE	+	1			A 26		1		SPACE	0.0					
			+		0.0	SPACE		1			B 28		1		SPACE	0.0					
			<del> </del>		0.0	SPACE		1			C 30		1		SPACE	0.0					
			<del>                                     </del>		0.0		_						_			0.0	_				
		-	-		0.0	SPACE		1		1	A 32		1		SPACE	0.0					
		-	-		0.0	SPACE	_	1		+	B 34		1		SPACE	0.0					
		-	-		0.0	SPACE	_	1			C 36		1		SPACE	0.0	_				
			1			SPACE		1		+	A 38		1		SPACE						
			+		0.0	SPACE	+	1	1		B 40		1		SPACE	0.0					
				<u> </u>	0.0	SPACE		1		41	C 42		1		SPACE	0.0					
	SUMM					DEM. KVA PANEL NOT	ES:														
	PTACL	ES			code	<del> </del>	VIDE GR														
MOTO					100%	<del>                                     </del>	VIDE FU								E						
	TS (I			C		<del>                                     </del>	- INDIC		-												
	TS (E			C	125%										NT, 5 mA FOR PERSONNEL)						
	(HEA			C		0 5 . ST-															
HVAC	(C00	L)		C		0 6. IG	- INDIC	ATES C	IRCUIT	SHALL	INCLU	DE AD	DITION	AL ISO	LATED GROUND CONDUCTOR						
VENT	ILATI	ON		C		0															
KITC	HEN			C		0															
<b>EMER</b>	GENCY			C		0															
MISC				C		0															
FUTU	RE			С	100%	0															
OTHE	R			C	100%	0															
EXIS	TING			C	125%	0															
LARG	EST M	TR		C	25%	0															
TOTA	L KVA			2 KVA		2 KVA															
	L AMP	_		7 AMPS		7 AMPS															

				PANEL NO. USAGE: LOCATION: PHASES:		NEW RPS BRANCH NORTHEAST OF AMPHITEATER 3					PI	ROJEC	T:		ALLEN POND AMPHITHEATER						
				L-L VOLTS L-G VOLTS BUS AMPS: MAIN CB AN AIC RATING	MPS:	208V 120V 400A MLO 22,000						MF PR ED FR		NO.:	- UTILITY TRANSFORMER						
					l. OAD					leu= -				l	In-con	1.040	1				
CETC	LITPE	CIRC			AMPS.	DESCRIPTION	NOTES	BREAK		1	KT. B			NOTES	DESCRIPTION	LOAD	CETC	LUTDE	CIRC		COND
1		<b>NEUT.</b> #3/0	#6	2"	<del>                                     </del>	PANEL RP1		<b>POLE</b> 3	200	3 <b>B</b>	2 :	MP. 100	3		PANEL RP2	20.0 0.0	1	#1	#1	<b>GND</b> . #8	COND. 1-1/2"
					26.8					5 <b>C</b>	6					0.0					
1	#12	#12		3/4"		LTS: SITE		1	20	<del> </del>		20	1		REC: SITE	10.0	1	#12	#12	#12	3/4"
1	#12	#12	#12	3/4"		REC: SITE		1	20	9 <b>B</b>		20	1		REC: SITE	10.0	1	#12	#12	#12	3/4"
1	#12	#12	#12	3/4"		REC: SITE		1	20	11 C		20	1		SPARE	0.0					
					1	SPACE		1		13 A			1		SPACE	0.0					
					0.0	SPACE		1		15 B			1		SPACE	0.0					
					0.0	SPACE SPACE		1 1		17 <b>C</b>		-	$\frac{1}{1}$		SPACE SPACE	0.0					
					0.0	SPACE		1		21 B		-	1		SPACE	0.0					
					0.0	SPACE		1		23 <b>C</b>			1		SPACE	0.0					
					0.0	SPACE		1		25 A			1		SPACE	0.0					
					0.0	SPACE		1		27 <b>B</b>			1		SPACE	0.0					
					0.0	SPACE		1		29 <b>C</b>			1		SPACE	0.0					
					0.0	SPACE		1		31 <b>A</b>	32		1		SPACE	0.0					
					0.0	SPACE		1		33 <b>B</b>	34		1		SPACE	0.0					
					0.0	SPACE		1		35 <b>C</b>	36		1		SPACE	0.0					
					0.0	SPACE		1		37 <b>A</b>	38		1		SPACE	0.0					
					0.0	SPACE		1		39 <b>B</b>			1		SPACE	0.0					
					0.0	SPACE		1		41 C	42		1		SPACE	0.0					
∟OAD	SUMMA	RY		CON. KVA	%	DEM. KVA PANEL NO	ΓES:														
RECE	PTACLE	S		21.82		15.91 1 . PRO	VIDE GRO	DUND BU	JS												
10T0				0	20070					RAL BUS U					Ξ						
	TS (IN				125%	0 3 . LO			-												
	TS (EX			0.702											NT, 5 mA FOR PERSONNEL)						
	(HEAT				100%	0 5 . ST-			-						_ATED GROUND CONDUCTOR						
	ILATIO				100%	0 . 10	- INDICA	AIES C.	INCULI	SHALL IN	CLUDE	ADDI	LITONA	(L 130)	LATED GROUND CONDUCTOR						
CITC		11		0		0															
	GENCY			0	100%	0															
1ISC					100%	0															
-UTU				0	100%	0															
THE					100%	0															
	TING				125%	0															
	EST MT	R		1 0	25%	i 01															
	L KVA	-		23 KVA		17 KVA															



"PROFESSIONAL CERTIFICATION. I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NUMBER 16961, EXPIRATION DATE 06/14/2026."

(C) GANT BRUNNETT ARCHITECTS ALL REPRODUCTION IS PROHIBITED

CONSULTANTS:



RMF ENGINEERING, INC. 5520 RESEARCH PARK DRIVE SUITE 300 BALTIMORE, MD 21228 P: 410-576-0505 F: 410-385-0327

PROJECT:

## GЕ ALLEN POND PARK STAG STAGE CANOPY RENOVAT 3330 NORTHVIEW DR BOWIE, MD 20716

PROJ. NO:	20668
DATE:	8/01/2025
SCALE:	AS NOTED
REVISION:	

ELECTRICAL SCHEDULES

SHEET NO. 20 OF 20