MONTGOMERY COUNTY BROOKVILLE BUS DEPOT

CUSTOM CARPORT PHOTOVOLTAIC ARRAY

8710 BROOKVILLE ROAD, SILVER SPRING, MARYLAND 20910

PROJECT SITE

AZIMUTH TABLE

	SPWR AZIMUTH	CSI AZIMUTH
N / W / E / S	180° / 90° / -90° / 0°	0° / 270° / 90° / 180°

SYSTEM SUMMARY TABLE

CANOPY	LABEL	# MODULE	#STRING	KW(DC)	18	13	10	7	KW(AC)	TILT	AZIMUTH CSI	AZIMUTH SUNPOWER
1	45x16	720	80	338.4	3	1	0	0	237.5	3 / 3	303 / 123	123 / -57
2 (1)	16x75	1197	133	562.59	8	0	0	0	500	3 / 3	303 / 123	123 / -57
2 (2)	8x81	648	72	304.56	3	0	0	1	220.8	3 / 3	303 / 123	123 / -57
3	22x44	963	107	452.61	5	0	1	1	379.1	3 / 3	303 / 123	123 / -57
4	6x120	720	80	338.4	3	2	0	0	287.5	3 / 3	303 / 123	123 / -57
Total		4248	472	1996.56	22	4	1	2	1674.9			

SCOPE OF WORK

INSTALLATION OF CANOPY MOUNTED PV PANELS.
(4) CANOPY STRUCTURES AND ASSOCIATED GROUND MOUNTING EQUIPMENT
ESTIMATED CONSTRUCTION COST:
DEFERRED ITEMS: NONE

APPLICABLE CODES

ALL WORK SHALL CONFORM TO ALL PERTINENT CODES, REGULATIONS, LAWS AND ORDINANCES AS REQUIRED BY THE STATE OF MARYLAND:

INTERNATIONAL BUILDING CODE (CBC), 2018 ED.
NATIONAL ELECTRICAL CODE (NPPA), 2017 ED.
INTERNATIONAL ENERGY CONSERVATION CODE, 2018 ED.
NATIONAL FIRE CODE (NFPA), 2015 ED.

VICINITY MAP

PROJECT TEAM

CLIENT

ALPHA STRUXURE
8710 BROOKVILLE ROAD
SILVER SPRING, MD 20910

SUNPOWER

PROJECT ENGINEER: KEVIN OSEGHALE
PROJECT DESIGNER: CODY BRUMBACH
300 AMERICAN METRO BLVD., STE. 230
HAMILTON, NJ 08619
(609)-528-5507

ENGINEER OF RECORD (CIVIL DESIGN)

GURMEET GAHUNIA, PE
DEWBERRY ENGINEERS, INC.
10461 MILL RUN CIRCLE, STE. 300
OWINGS MILLS, MD 21117
(410)-265-9500

ELECTRICAL ENGINEER

RICHARD IVINS
PURE POWER ENGINEERING
111 RIVER ST., STE 1110
HOBOKEN, NJ 07030
(201)-687-9975

STRUCTURAL ENGINEER

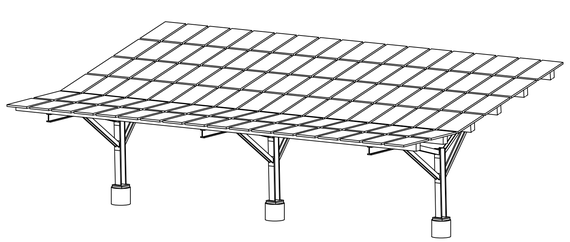
KPFF CONSULTING ENGINEERS
SHAUN WALTERS, PE
3131 CAMINO DEL RIO NORTH, ST. 1080
SAN DIEGO, CA 94804
(619)-521-8500

GENERAL NOTES

1. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY AND LIABILITY FOR COMPLIANCE WITH REGULATIONS PER FEDERAL, STATE, AND LOCAL BUILDING CODES.
2. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT SITE BEFORE COMMENCING WORK.
3. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND NOTIFY SUNPOWER OF DISCREPANCIES REQUIRING FURTHER CLARIFICATION BEFORE PROCEEDING WITH WORK.
4. WORK REQUIRED UNDER THIS CONTRACT INCLUDES ALL LABOR AND MATERIALS, EQUIPMENT ETC. NECESSARY AND REASONABLY INCIDENTAL TO COMPLETE THE PROJECT. ALL MATERIALS SHALL BE IN NEW AND UNUSED CONDITION AND OF HIGH QUALITY IN EVERY RESPECT.
5. MANUFACTURER'S MATERIAL, EQUIPMENT, ETC. SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS.
6. THE CONTRACTOR SHALL BECOME FAMILIAR WITH ALL AVAILABLE DOCUMENTATION FOR SITE UTILITIES AND THE LOCATIONS OF ALL EXISTING UTILITIES AND STRUCTURES. THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND MARKING ALL EXISTING SITE UTILITIES PRIOR TO WORK COMMENCEMENT. THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING SITE UTILITIES, STRUCTURES, PAVEMENT OR IMPROVEMENTS.
7. ALL WORK SHALL BE INSTALLED IN CONFORMANCE WITH ALL APPLICABLE LOCAL CODES AND ORDINANCES BY EXPERIENCED WORKERS AND A LICENSED CONTRACTOR WHO SHALL OBTAIN ALL NECESSARY PERMITS AND PAY ALL REQUIRED FEES.
8. INSTALL ALL ASPECTS OF THIS CONTRACT IN ACCORDANCE WITH THE SPECIFICATIONS AS NOTED ON DRAWINGS ISSUED FOR CONSTRUCTION.
9. SUNPOWER AND ALL CONTRACTORS WILL ADHERE TO AND FOLLOW ANY SITE-SPECIFIC POLICIES AND PRACTICES REGARDING SAFETY AND ENVIRONMENTAL REQUIREMENTS.

TYPICAL FIXED TILT CARPORT ARRAY

1996.56 KW DC ; 1674.9 KW AC
(4248) MODULE SERIES SPR-X21-470-COM
9 MODULES/STRING
472 STRINGS TOTAL



SUNPOWER®
(510) 540-0550
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Dewberry Engineers Inc.
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FAX: (410) 363-6580

NOT FOR CONSTRUCTION

ENGINEER'S STAMP

MONTGOMERY COUNTY BROOKVILLE BUS DEPOT
8710 BROOKVILLE ROAD
SILVER SPRING, MD 20910

TITLE SHEET

REVISIONS

REV	DESIGN #	DESCRIPTION	DATE	DB	CB
1	-	30% DESIGN	12-18-20	SJA	WB
2	-	60% DESIGN	01-22-21	SJA	WB

OPPORTUNITY 0002127398

PROJECT -

0 ½" 1"
IF BAR IS NOT ONE INCH, DRAWING IS NOT TO SCALE

SHEET
G001

GENERAL NOTES

1. EXISTING TOPOGRAPHICAL SURVEY PREPARED BY TRIAD ENGINEERING INC. ISSUED 11/4/2020
2. THE VERTICAL DATUM IS NAVD88. THE HORIZONTAL DATUM IS NAD83 MARYLAND STATE PLANE COORDINATE SYSTEM.
3. BOUNDARY SURVEY PREPARED BY TRIAD ENGINEERING INC. ISSUED 11/4/2020
4. EXISTING SITE STORMWATER INFRASTRUCTURE BASED ON AS BUILT DRAWING INFORMATION PREPARED BY RUMMEL KLEPPER AND KAHL LLP ISSUED 11/14/2006
5. EXISTING STORMWATER INFRASTRUCTURE ALIGNMENTS BASED ON GROUND PENETRATING RADAR SURVEY PREPARED BY GPRS ISSUED 11/16/2020
6. EXISTING AERIAL IMAGERY OF THE PROJECT PARKING LOT STRIPING FROM GOOGLE MAPS ISSUED 6/11/2020
7. EXISTING TREE INFORMATION TAKEN FROM A FIELD SURVEY CONDUCTED BY TRIAD ENGINEERING ISSUED 03/01/2021
8. THE EXISTENCE, LOCATION, AND DEPTH OF EXISTING UTILITIES SHOWN WERE OBTAINED THROUGH A SEARCH OF OF AVAILABLE RECORDS AND THEREFORE APPROXIMATE. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT UTILITIES SHOWN OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL AT THEIR OWN EXPENSE REPAIR ANY DAMAGE TO ANY UTILITY OR STRUCTURE CAUSED BY THEIR OPERATIONS TO THE SATISFACTION OF THE CLIENT.
9. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITIES, AGENCIES, AND OWNERS AND SHALL PERFORM A SITE SURVEY TO IDENTIFY THE SIZE, LOCATION, AND ELEVATIONS OF ALL INFRASTRUCTURE, AT GRADE AND BELOW GROUND, WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO COMMENCING THE WORK.
10. CALL "MISS UTILITY" AT 1-800-257-7777, 48 HRS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION. THE EXCAVATOR IS RESPONSIBLE FOR COMPLIANCE WITH REQUIREMENTS OF CHAPTER 36A OF THE MONTGOMERY COUNTY CODE.
11. FOR NOTES AND DETAILS ON DRAWINGS REFERRING TO MONTGOMERY COUNTY STANDARD SPECIFICATIONS AND DESIGN STANDARDS, USE THE LATEST AVAILABLE VERSION.

EROSION AND SEDIMENT CONTROL NOTES

1. THE PERMITTEE SHALL NOTIFY THE DEPARTMENT OF PERMITTING SERVICES (DPS) FORTY-EIGHT (48) HOURS BEFORE COMMENCING ANY LAND DISTURBING ACTIVITY AND, UNLESS WAIVED BY THE DEPARTMENT, SHALL BE REQUIRED TO HOLD A PRE-CONSTRUCTION MEETING BETWEEN THEM OR THEIR REPRESENTATIVE, THEIR ENGINEER AND AN AUTHORIZED REPRESENTATIVE OF THE DEPARTMENT.
2. THE PERMITTEE MUST OBTAIN INSPECTION AND APPROVAL BY DPS AT THE FOLLOWING POINTS:
   - 2.1. AT THE REQUIRED PRE-CONSTRUCTION MEETING.
   - 2.2. FOLLOWING INSTALLATION OF SEDIMENT CONTROL MEASURES AND PRIOR TO ANY OTHER LAND DISTURBING ACTIVITY.
   - 2.3. DURING THE INSTALLATION OF A SEDIMENT BASIN OR STORMWATER MANAGEMENT STRUCTURE AT THE REQUIRED INSPECTION POINTS (SEE INSPECTION CHECKLIST ON PLAN. NOTIFICATION PRIOR TO COMMENCING CONSTRUCTION IS MANDATORY.
   - 2.4. PRIOR TO REMOVAL OR MODIFICATION OF ANY SEDIMENT CONTROL STRUCTURE (S.
   - 2.5. PRIOR TO FINAL ACCEPTANCE.
3. THE PERMITTEE SHALL CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES PER THE APPROVED PLAN AND CONSTRUCTION SEQUENCE, SHALL HAVE THEM INSPECTED AND APPROVED BY THE DEPARTMENT PRIOR TO BEGINNING ANY OTHER LAND DISTURBANCES, SHALL ENSURE THAT ALL RUNOFF FROM DISTURBED AREAS IS DIRECTED TO THE SEDIMENT CONTROL DEVICES, AND SHALL NOT REMOVE ANY EROSION OR SEDIMENT CONTROL MEASURE WITHOUT PRIOR PERMISSION FROM THE DEPARTMENT.
4. THE PERMITTEE SHALL PROTECT ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS TO PREVENT THE DEPOSITION OF MATERIALS ONTO TRAVERSED PUBLIC THOROUGHFARE (S) . ALL MATERIALS DEPOSITED ONTO PUBLIC THOROUGHFARE (S) SHALL BE REMOVED IMMEDIATELY.
5. THE PERMITTEE SHALL INSPECT PERIODICALLY AND MAINTAIN CONTINUOUSLY IN EFFECTIVE OPERATING CONDITION, ALL EROSION AND SEDIMENT CONTROL MEASURES UNTIL SUCH TIME AS THEY ARE REMOVED WITH PRIOR PERMISSION FROM THE DEPARTMENT. THE PERMITTEE IS RESPONSIBLE FOR IMMEDIATELY REPAIRING OR REPLACING ANY SEDIMENT CONTROL MEASURES WHICH HAVE BEEN DAMAGED OR REMOVED BY THE PERMITTEE OR ANY OTHER PERSON.
6. FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION MUST BE COMPLETED WITHIN:
   - 6.1. 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
   - 6.2. SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDERACTIVE GRADING.
7. PERMITTEE SHALL PROVIDE EROSION AND SEDIMENTATION CONTROL AS NEEDED TO PREVENT TRANSPORT OF SEDIMENT FROM THE WORK SITE TO PAVED SURFACES, STORM SEWERS, AND WETLANDS IN THE AREA. ANY SEDIMENT TRACKED FROM THE WORK SITE ONTO PAVED SURFACES SHALL BE REMOVED BY THE CONTRACTOR AT THE END OF EACH WORK DAY.
8. PERMITTEE SHALL IDENTIFY AND PROVIDE SILTATION PROTECTION FOR ALL CATCH BASINS DOWNGRADIENT OF THE PROJECT LIMIT OF WORK
9. CONTRACTOR SHALL ENSURE THAT ANY WORK VEHICLES ENTERING OR LEAVING THE PROJECT SITE SHALL DRIVE OVER THE ENTIRE LENGTH OF EITHER A STABILIZED CONSTRUCTION ENTRANCE OR WASH RACK TO AVOID TRACKING SEDIMENT ONTO PAVED SURFACES INTO THE PUBLIC RIGHT-OF-WAY. STABILIZED CONSTRUCTION ENTRANCE OR WASH RACK OPTION SHALL BE LOCATED AT THE CONTRACTORS CONVENIENCE TO SUPPORT THE PHASING OF THE PROJECT BUT MUST BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE STANDARD DETAILS AND WRITTEN APPROVAL FROM THE MCDPS INSPECTOR.
10. IT IS THE CONTRACTORS RESPONSIBILITY TO DEWATER UTILITY TRENCHES AS NECESSARY TO CONDUCT THE WORK IN A SAFE AND SECURE MANNER. PROVIDE TEMPORARY ASPHALT BERM DIVERSIONS ON THE UPSTREAM SIDE OF TRENCHES AS NECESSARY TO DIVERT STORMWATER AWAY FROM THE EXCAVATION. PROVIDE A REMOVABLE PUMP STATION, IN ACCORDANCE WITH STANDARD DETAILS AT ALL STORMWATER COLLECTION POINTS.
11. CONTRACTOR SHALL LOCATE FILTER BAG OUTLETS IN ACCORDANCE WITH THE STANDARD DETAILS AND THE PROPOSED PHASING OF THE PROJECT. OBTAIN WRITTEN APPROVALS FROM MCDPS INSPECTORS PRIOR TO COMMENCING WORK AND PRIOR TO IMPLEMENTING ANY CHANGES AS NECESSARY TO SUPPORT CONSTRUCTION PHASING.
12. PROPOSED STOCKPILE AND STAGING AREAS ARE GIVEN AS POTENTIAL OPTIONS. CONTRACTOR SHALL RELOCATE LAYDOWN/STAGING AREAS TO SUPPORT PROPOSED PHASING OF THE PROJECT. OBTAIN WRITTEN APPROVALS FROM MCDPS INSPECTORS UPON INSTALLATION OF SEDIMENT CONTROL DEVICES AND PRIOR TO IMPLEMENTING ANY CHANGES AS NECESSARY TO SUPPORT CONSTRUCTION PHASING.

LEGEND

G	EXISTING GAS
OHW	EXISTING OVERHEAD UTILITY WIRES
	EXISTING STORM DRAIN
UGE	EXISTING UNDERGROUND POWER WIRES
W	EXISTING WATER
C	PROPOSED COMMS LINE
E	PROPOSED ELECTRIC LINE
G	PROPOSED GAS LINE
D	PROPOSED STORM DRAIN
	EXISTING GUARD RAIL DEMOLITION
X X X X	REMOVE EXISTING UTILITY ABANDON EXISTING UTILITY
	PROJECT PROPERTY LINE
	PROPERTY LINE
LOD	LIMIT-OF-DISTURBANCE
	ENLARGEMENT
	CONCRETE PAVING (EXISTING)
	LOAM AND SEED (PROPOSED)
	CONCRETE PAVING (PROPOSED)
	ASPHALT PAVING (PROPOSED)
	GRAVEL
	REMOVAL OF EXISTING SURFACE
B B	'BAYSAVER' STORM WATER SEPARATOR
	EXISTING BOLLARD
	PROPOSED BOLLARD
	PROPOSED REMOVABLE BOLLARD
H	BOLLARD W/ BLOCK HEATER
C	BOLLARD W/ CHARGING STATION
	CATCH BASIN (DOUBLE)
℄	CENTERLINE
	CURB OPENING INLET
	CURB OPENING INLET
E	ELECTRIC MANHOLE
	ELECTRIC PANEL BOX
	ELECTRIC TRANSFORMER
X	FENCE LINE
	FIRE HYDRANT
GM	GAS METER
GV	GAS VALVE
	GUY (ANCHOR) WIRE
HVAC	HEATING AND AIR CONDITIONING UNIT
HT=XX.X'	UTILITY / LIGHT POLE HEIGHT
	LIGHT POLE
	MAG NAIL
	OVERHEAD POLE LIGHT (SINGLE)
CO	SANITARY SEWER CLEANOUT
S	SANITARY SEWER MANHOLE
	SIGN (SINGLE POST)
SF	SILT FENCE
SFOP	SILT FENCE ON PAVEMENT
+XX.XX	SPOT ELEVATIONS
EL: XXX.XX' X	SPOT ELEVATIONS
CO	STORM DRAIN CLEANOUT
D	STORM DRAIN MANHOLE (EXISTING)
	STORM DRAIN MANHOLE (PROPOSED)
SSF	SUPER SILT FENCE
TC ELEV =XXX.XX' BC ELEV =XXX.XX'	TOP CURB/BOTTOM CURB ELEVATION
TOW ELEV =XXX.XX' BOW ELEV =XXX.XX'	TOP OF WALL/BOTTOM OF WALL ELEVATION
	TRAVERSE CONTROL POINT
	UTILITY POLE
WV	WATER VALVE

ABBREVIATIONS

AC	ALTERNATING CURRENT
BC	BOTTOM OF CURB
BESS	BATTERY ENERGY STORAGE SYSTEM
BOW	BOTTOM OF WALL
CMP	CORRUGATED METAL PIPE
COMMS	COMMUNICATIONS
DIP	DUCTILE IRON PIPE
EG	EXISTING GRADE
ELEC	ELECTRICAL
ELEV	ELEVATION
EOC	EDGE OF CONCRETE
EX	EXISTING
FG	FINISHED GRADE
HDPE	HIGH-DENSITY POLYETHYLENE PIPE
HP	HIGH POINT
INV	INVERT
LF	LINEAR FOOT
LOD	LIMIT OF DISTURBANCE
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MV	MEDIUM VOLTAGE
NAD	NORTH AMERICAN DATUM
NAVD	NORTH AMERICAN VERTICAL DATUM
PV	PHOTOVOLTAIC
PR	PROPOSED
RCP	REINFORCED CONCRETE PIPE
SD	STORM DRAIN
TC	TOP OF CURB
TD	TRENCH DRAIN
TDB	TOP OF DUCT BANK
TOW	TOP OF WALL
TYP	TYPICAL
UG	UNDERGROUND
VIF	VERIFY IN FIELD

SEAL & SIGNATURE

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 56087, EXPIRATION DATE: 06/04/2022.

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ISSUE	DATE	DESCRIPTION
0	xx/xx/xx	INITIAL SUBMISSION

ARUP
Arup USA, Inc.
1120 Connecticut Avenue NW
Suite 1110 Washington, DC 20036 USA

Client
ALPHASTRUXURE
201 WASHINGTON ST, STE 2700
BOSTON, MA, USA

Job Title
MONTGOMERY COUNTY
BROOKVILLE BUS DEPOT
8710 BROOKVILLE RD
SILVER SPRING, MD 20910

Drawing Title
CIVIL
GENERAL NOTES

Scale	Date
NTS	xx/xx/xx

Drawing Status
100% DESIGN - BUILDING PERMIT

Job Number	Drawing Number	Issue
276623-00	C-000	0

Sheet

5/10/2021 2:43:52 PM

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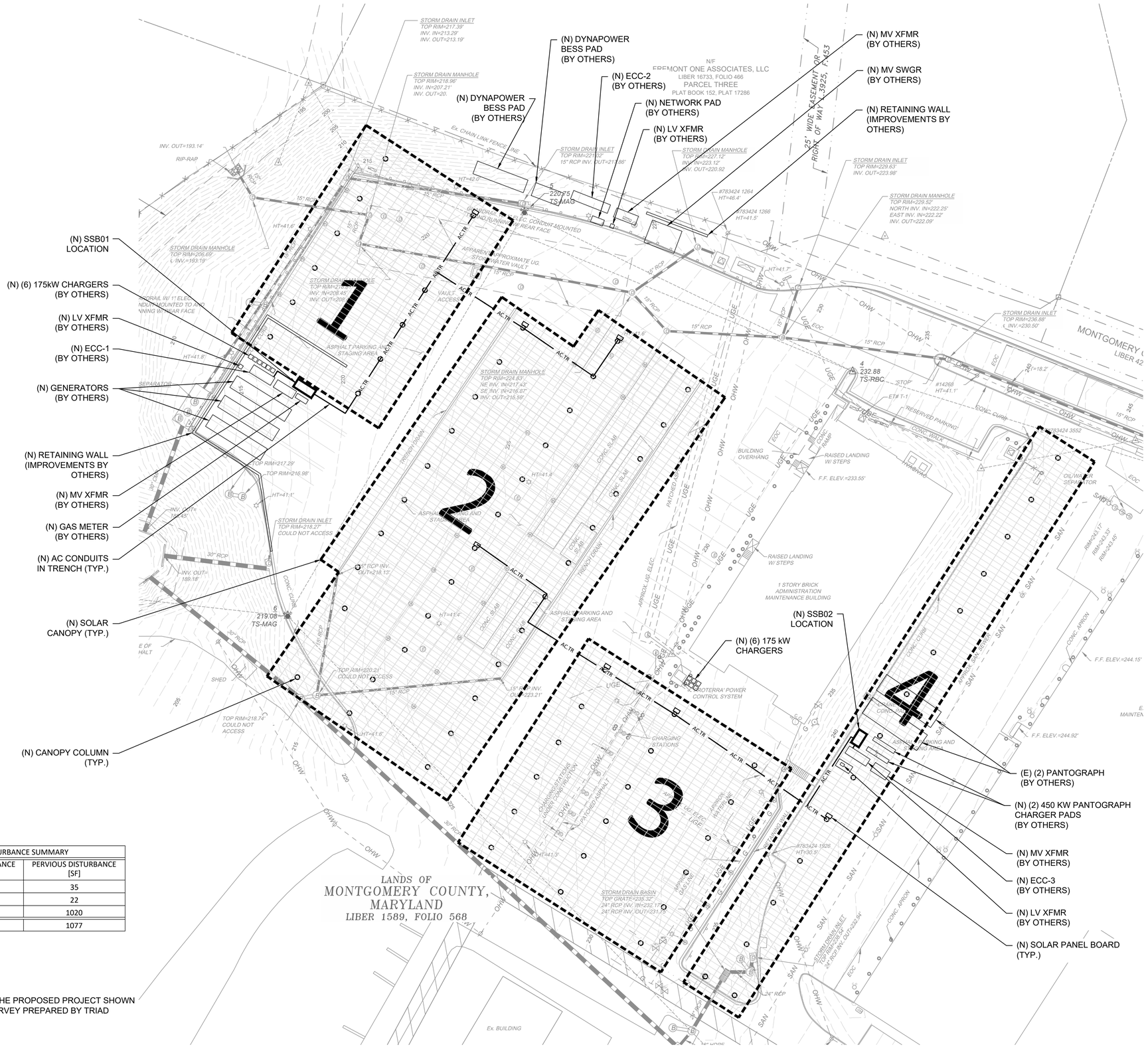

IMPERVIOUS / PERVIOUS DISTURBANCE SUMMARY		
IMPROVEMENT TYPE	IMPERVIOUS DISTURBANCE [SF]	PERVIOUS DISTURBANCE [SF]
COLUMNS	516	35
TRENCHING	673	22
EQUIPMENT	1752	1020
TOTAL	2941	1077

REFERENCE:

EXISTING FEATURES IN THE AREA OF THE PROPOSED PROJECT SHOWN ARE TAKEN FROM A TOPOGRAPHIC SURVEY PREPARED BY TRIAD ENGINEERING, DATED 10/20/2020.

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(510) 540-0550
1414 HARBOUR WAY SOUTH, RICHMOND, CA 94804 USA

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N.I. CERTIFICATE OF AUTHORIZATION: EB26001000

NOT FOR CONSTRUCTION

ENGINEER'S STAMP

MONTGOMERY COUNTY BROOKVILLE BUS DEPOT

8710 BROOKVILLE ROAD
SILVER SPRING, MD 20910

SITE IMPROVEMENT PLAN

REVISIONS

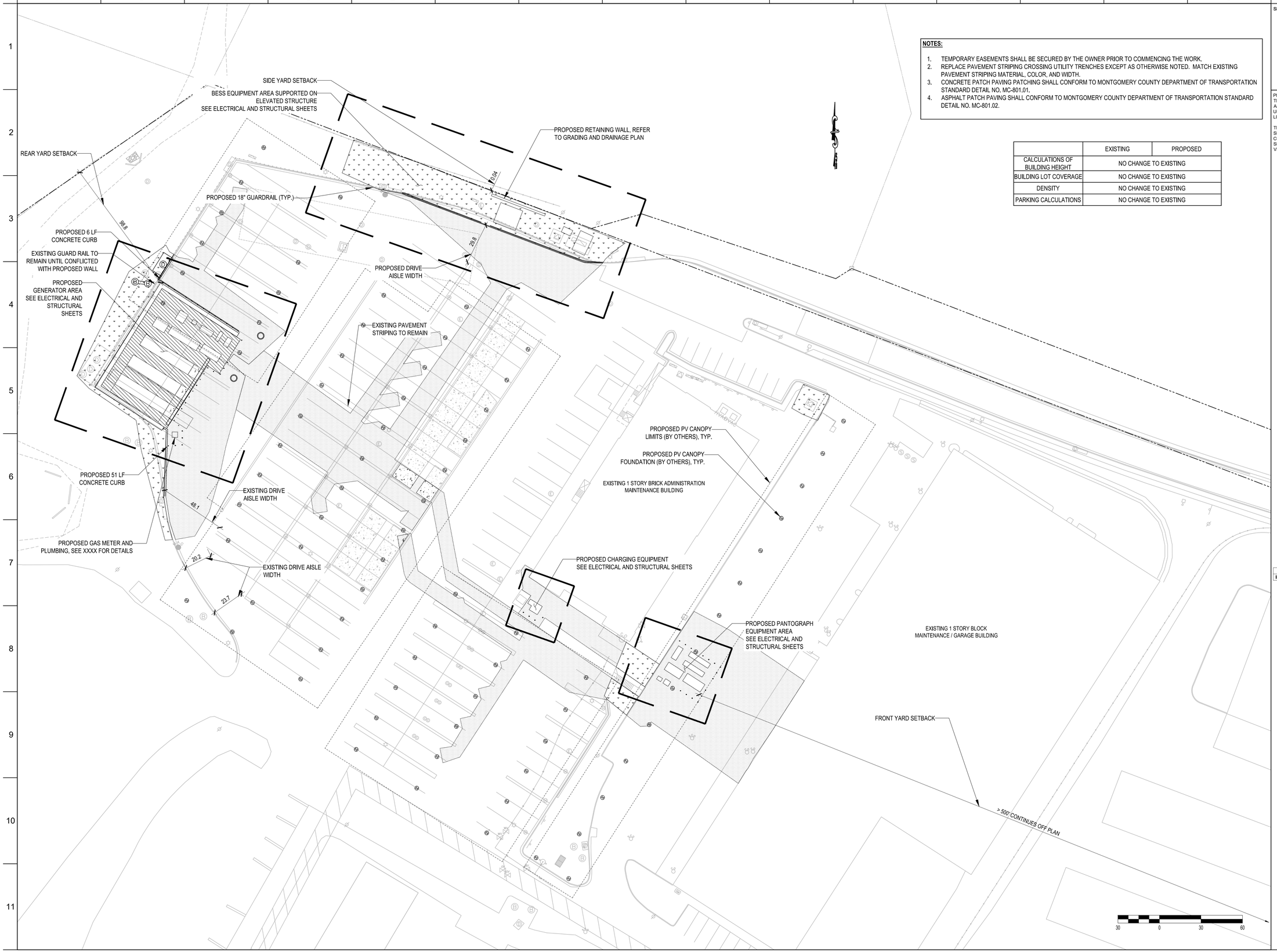
REV	DESIGN #	DESCRIPTION	DATE	DB	CB
1	-	30% DESIGN	12-18-20	SJA	WB
2	-	60% DESIGN	01-22-21	SJA	WB

OPPORTUNITY 0002127398

PROJECT -

0 ½" 1"
IF BAR IS NOT ONE INCH, DRAWING IS NOT TO SCALE

SHEET
CP120



NOTES:

1. TEMPORARY EASEMENTS SHALL BE SECURED BY THE OWNER PRIOR TO COMMENCING THE WORK.
2. REPLACE PAVEMENT STRIPING CROSSING UTILITY TRENCHES EXCEPT AS OTHERWISE NOTED. MATCH EXISTING PAVEMENT STRIPING MATERIAL, COLOR, AND WIDTH.
3. CONCRETE PATCH PAVING PATCHING SHALL CONFORM TO MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION STANDARD DETAIL NO. MC-801.01.
4. ASPHALT PATCH PAVING SHALL CONFORM TO MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION STANDARD DETAIL NO. MC-801.02.

	EXISTING	PROPOSED
CALCULATIONS OF BUILDING HEIGHT	NO CHANGE TO EXISTING	
BUILDING LOT COVERAGE	NO CHANGE TO EXISTING	
DENSITY	NO CHANGE TO EXISTING	
PARKING CALCULATIONS	NO CHANGE TO EXISTING	

SEAL & SIGNATURE

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 56067, EXPIRATION DATE: 06/04/2022.

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ISSUE	DATE	DESCRIPTION
0	xx/xx/xx	INITIAL SUBMISSION

ARUP
Arup USA, Inc.
1120 Connecticut Avenue NW
Suite 1110 Washington, DC 20036 USA

Client
ALPHASTRUXURE
201 WASHINGTON ST, STE 2700
BOSTON, MA, USA

Job Title
MONTGOMERY COUNTY
BROOKVILLE BUS DEPOT
8710 BROOKVILLE RD
SILVER SPRING, MD 20910

Drawing Title
CIVIL
LAYOUT PLAN

Scale 1" = 30'
Date xx/xx/xx

Drawing Status
100% DESIGN - BUILDING PERMIT

Job Number	Drawing Number	Issue
276623-00	C-201	0

Sheet

Do not scale

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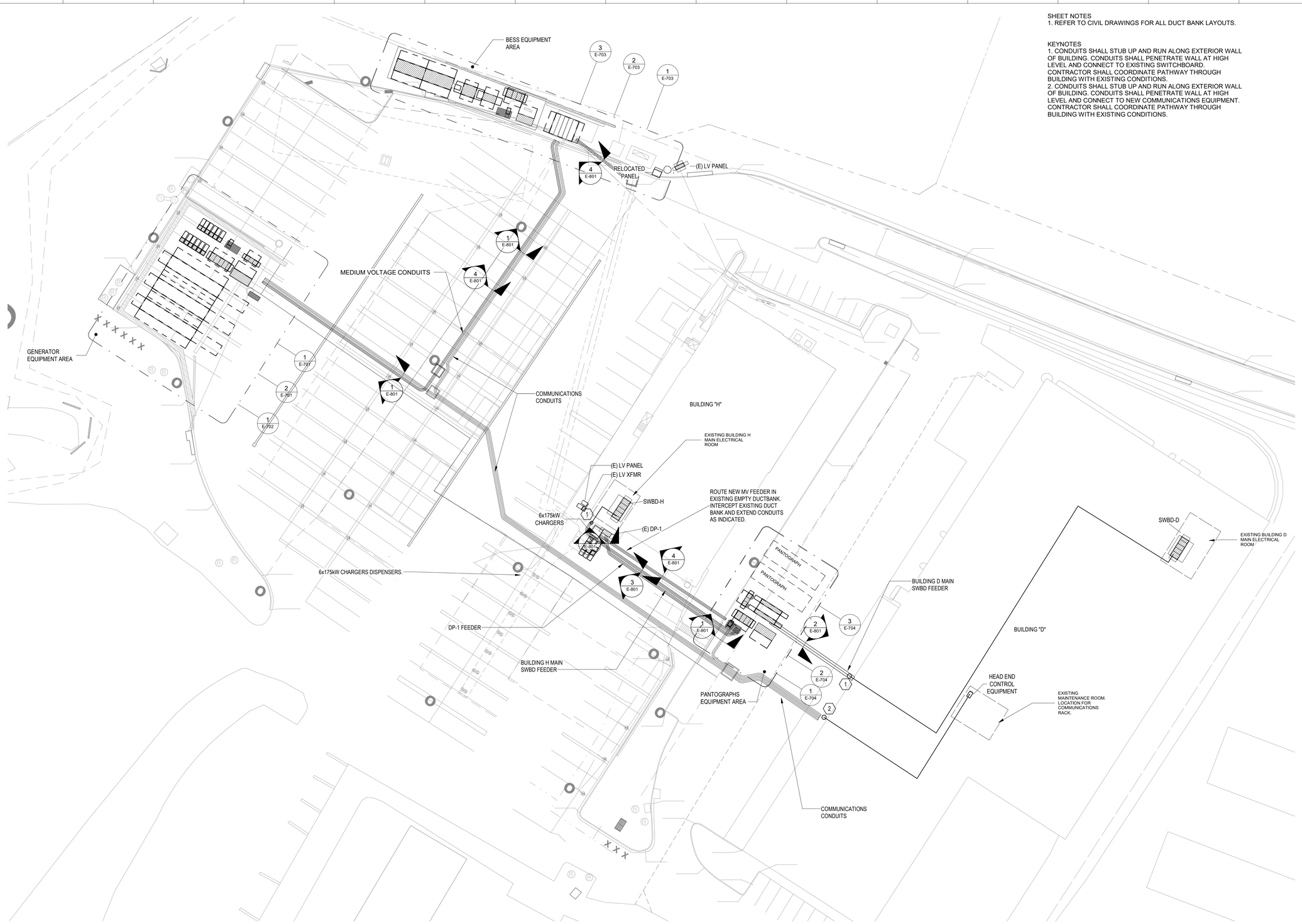
SHEET NOTES
1. REFER TO CIVIL DRAWINGS FOR ALL DUCT BANK LAYOUTS.

KEYNOTES
1. CONDUITS SHALL STUB UP AND RUN ALONG EXTERIOR WALL OF BUILDING. CONDUITS SHALL PENETRATE WALL AT HIGH LEVEL AND CONNECT TO EXISTING SWITCHBOARD. CONTRACTOR SHALL COORDINATE PATHWAY THROUGH BUILDING WITH EXISTING CONDITIONS.
2. CONDUITS SHALL STUB UP AND RUN ALONG EXTERIOR WALL OF BUILDING. CONDUITS SHALL PENETRATE WALL AT HIGH LEVEL AND CONNECT TO NEW COMMUNICATIONS EQUIPMENT. CONTRACTOR SHALL COORDINATE PATHWAY THROUGH BUILDING WITH EXISTING CONDITIONS.



SEAL & SIGNATURE

2/5/2021 4:24:58 PM

ISSUE	DATE	DESCRIPTION
B	02/05/2021	60% DESIGN

0 30' 60'

NORTH

ARUP

Arup USA, Inc.
1120 Connecticut Avenue NW
Suite 1110 Washington, DC 20036 USA

Client
ALPHASTRUXURE

Job Title
MONTGOMERY COUNTY
BROOKVILLE BUS DEPOT
8710 BROOKVILLE ROAD,
SILVER SPRING, MD 20910

Drawing Title
ELECTRICAL
SITE PLAN

Scale 1" = 30'-0"
Date 10/26/20
Drawing Status 60% DESIGN

Job Number	Drawing Number	Issue
276623-00	E-101	1

Do not scale

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