

EXISTING PARKING SPACES*: 1,515
PARKING SPACES IMPACTED BY SOLAR FACILITY: ±440
FINAL QTX OF PARKING SPACES: ±1,075

* - INCLUDES 25 HANDICAPPED SPACES, NO HANDICAPPED SPACE WILL BE IMPACTED BY SOLAR FACILITY

REQUIRED SPACES:
1 SPACE PER 2 EMPLOYEES ON MAX WORKING SHIFT + TRUCK STORAGE SPACE REQUIRED FOR BUSINESS.

- EMPLOYEES ON LARGEST SHIFT = 130
- REQ'D SPACES = $130 \div 2 = 65$
- TRUCK STORAGE SPACE IS PROVIDED.

PROPOSED 7' HIGH CHAIN LINK FENCED COMPOUND.
LIMITS OF DISTURBANCE OF PROPOSED FENCE PIERS = ±117 SQFT

PROPOSED PHOTOVOLTAIC PANEL (TYP. OF 2,160)
FINAL PANEL RACK DESIGN PENDING

APPROVED: ENGINEERING DATE

APPROVED: PLANNING DATE

LIMITS OF DISTURBANCE OF PROPOSED SOLAR PANEL MOUNT ANCHORS = ±40 SQFT

N 24°07'65" W 663.18'

283.0'

467.6'

±59'

N 70°04'14" E 113.07'

X

INVERTER #01

INVERTER #02

INVERTER #03
INVERTER #04
INVERTER #05
INVERTER #06
INVERTER #07
INVERTER #08
INVERTER #09
INVERTER #10
INVERTER #11

EXISTING BASEBALL FIELD

EDGE OF PAVEMENT

APPROXIMATE LOCATION OF EXISTING PROPERTY LINE

SOLAR PV AC DISCONNECT
LOCKABLE KNIFE SWITCH (1600A)

AEP METER
(METER #: 579807112)

N 31°38'57" W 180.72'

N 38°20'04" W 130.04'

EXISTING TRANSMISSION TOWER

TECHNOLOGY DR

ENTRANCE

THE ELECTRICITY GENERATED IS FOR MOOG'S ONSITE USE, NOT FOR COMMERCIAL GENERATION.

TOTAL AREA OF PROPOSED DISTURBANCE = ±1,700 SQFT
(NO CHANGE IN STORMWATER FLOW DIRECTION AND NO ADDITIONAL IMPERVIOUS COVER)

SOLAR PV AC COMBINER:
16-CIRCUIT INTERCONNECT

PROPOSED 12' WIDE DOUBLE SWING ACCESS GATE

PROPOSED 25'X60' (1,500sqft)
CLEAR AREA FOR SITE ACCESS & INGRESS/EGRESS

APPROXIMATE LIMITS OF PROPOSED WORK AREA
EXISTING 25 ADA PARKING SPACES TO REMAIN

PROPOSED UNDERGROUND BORING
APPROXIMATELY 1,500 SQFT OF DISTURBANCE

PROPOSED UG CONDUIT FOR POWER (EXACT SIZE AND TYPE: TBD)

APPROXIMATE LOCATION OF EXISTING ELECTRICAL ROOM IN BUILDING

POINT OF INTERCONNECTION (POI)
TO EXISTING MDP PANEL
"MDC"
2/480V/30/4W
4000 AMPS
50 KAIC
LINE SIDE TAP

APPROXIMATE LOCATION OF PROPOSED 6'X6' DIRECTIONAL BORE PIT.
APPROXIMATE AREA OF DISTURBANCE: 36 SQFT

EXISTING SHED

0 750' 1500'

INFORMATION CONTAINED WITHIN THESE DRAWINGS IS BASED ON PREVIOUS DRAWINGS & INFORMATION PROVIDED TO AIROSMITH AND DOES NOT REPRESENT A FIELD SURVEY. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION.

CARRIER:
centrica
Business Solutions

CONSULTANT TEAM:
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PROFESSIONAL STAMP:

DRAWINGS ISSUED FOR:

REV.	DATE	DRAWN	DESCRIPTION	QA/QC
0	2025.07.01	HS	30% DRAWINGS	SC
1	2025.07.03	SKB	REVISED PER COMMENTS	SKB
2	2025.07.10	SKB	REVISED PER COMMENTS	SKB
3	10/01/25	SKB	REVISED PER COMMENTS	SC
4	10/07/25	SKB	REVISED PER COMMENTS	SKB

PROJECT INFORMATION:

SITE:
MOOG CHRISTIANBURG
406617

400 TECHNOLOGY DRIVE
CHRISTIANBURG, VA 24073
MONTGOMERY COUNTY

SHEET TITLE:
SITE PLAN LAYOUT

SHEET NUMBER:
A01

REVISION:
4