



BURNT MILLS ELEMENTARY SCHOOL
 MSDE - PUBLIC SCHOOL CONSTRUCTION PROGRAM (PSCP) #15.208
MONTGOMERY COUNTY PUBLIC SCHOOLS
 415 PRELUDE DRIVE SILVER SPRING, MD 20901

CIVIL ENGINEER
ADTEK ENGINEERS, INC.
 150 SOUTH EAST STREET, SUITE 201
 FREDERICK, MD 21701
 301.360.4345
 MEP / FP
2RW CONSULTANTS, INC.
 2977 PROSPERITY AVE., SUITE 275
 FAIRFAX, VA 22031
 703.718.4335
 STRUCTURAL
LINTON ENGINEERING
 46090 LAKE CENTER PLAZA, SUITE 309
 POTOMAC FALLS, VA 20165
 571.323.0320
 FOOD SERVICE
NYIKOS-GARCIA
 7146 STARMOUNT WAY
 NEW MARKET, MD 21774
 240.883.9530
 ACOUSTICS
POLYSONICS
 405 BELLE AIR LANE
 WARRENTON, VA 20186
 540.341.4988



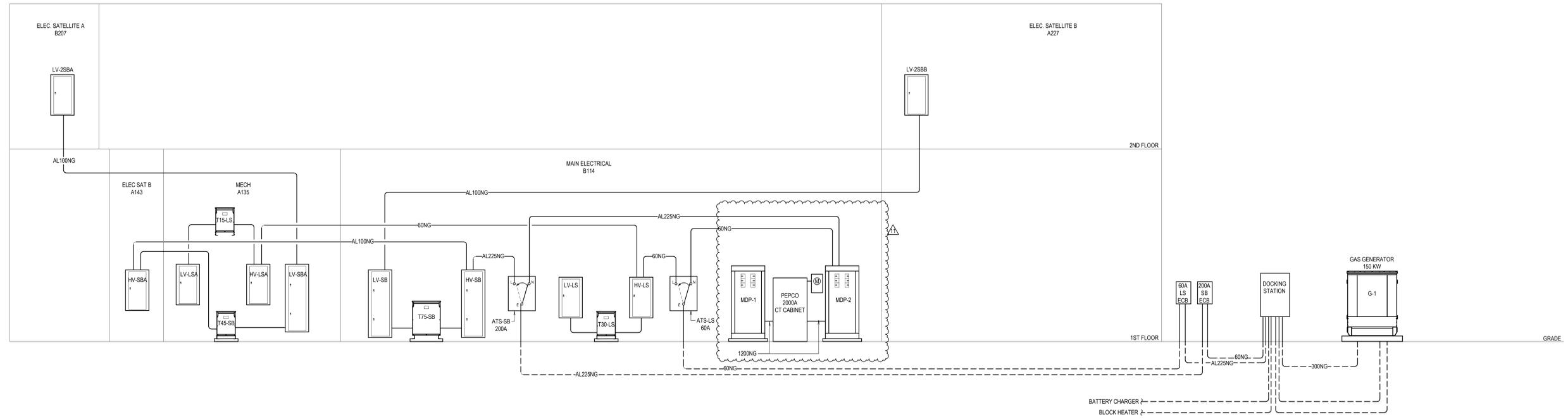
PROFESSIONAL CERTIFICATION:
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NUMBER: 41028 EXPIRATION DATE: 08/10/2022

PROJECT # 20042
 DATE: ISSUE: 04/27/2021
 07/22/2021 DESIGN DEVELOPMENT
 08/19/2021 65% CD SUBMISSION
 09/01/2021 BID SET
 09/27/2021 PERMIT SUBMISSION
 10/11/2021 CONFORMING BID SET
 03/22/2022 ASI-06 8
 05/13/2022 ASI-08 10
 09/02/2022 ASI-11 11

DRAWN: JTP CHECKED: BMW
 SCALE: AS INDICATED
 SHEET TITLE: **GENERATOR POWER RISER DIAGRAM**

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 SHEET #

E-602



1 GENERATOR POWER RISER DIAGRAM
 - E-602 SCALE: NONE

26 3213: GENERATOR SCHEDULE

MARK	SERVICE	FUEL TYPE	GAS PRESSURE			FUEL CONSUMPTION		EPA EMISSIONS COMPLIANCE	ENCLOSURE		ELECTRICAL				DIMENSIONS			
			MIN IWC	MAX IWC	%	CFW	MBH		STATIONARY EMERG	TYPE	SOUND LEVEL (dBA)	V-PH	KW @8PF	FLA	ALTERNATOR	LENGTH IN	WIDTH IN	HEIGHT IN
G-1	STANDBY	NOTE 3	7	11	100	1,874.0		STATIONARY EMERG	LEVEL 2 SOUND	70	480-3	150	225	STANDARD	138	53	77	5,000

- NOTES:
 1. DESIGN AND PERFORMANCE BASED ON KOHLER KG150
 2. SOUND LEVEL MEASURED AT 23 FT FROM UNIT AT FULL LOAD.
 3. UNIT SHALL BE DUAL FUEL (NATURAL GAS/PROPANE) WITH AUTOMATIC SWITCHOVER. FUEL PARAMETERS ARE BASED ON NATURAL GAS.