

# MONTGOMERY COUNTY DSS GENERATOR UPGRADE

16-21

1 VENNER ROAD, AMSTERDAM, NY 12010

**CONSTRUCTION DRAWINGS - 11/16/22** 

**MONTGOMERY COUNTY BID** 

# **MONTGOMERY COUNTY**

#### **COUNTY ANNEX BUILDING**

P.O. BOX 1500 20 PARK STREET FONDA, NY 12068-1500

#### OFFICE OF THE EXECUTIVE

MATTHEW L. OSSENFORT COUNTY EXECUTIVE

# **COUNTY LEGISLATURE**

MICHAEL J. PEPE CHAIRMAN OF THE LEGISLATURE

LEGISLATOR DISTRICT 1	MARTIN P. KELLY
LEGISLATOR DISTRICT 2	BRIAN D. SWEE
LEGISLATOR DISTRICT 3	ROY S. DIMONI
LEGISLATOR DISTRICT 4	ROBERT HEADWELL, JR
LEGISLATOR DISTRICT 5	DANIEL P. WILSON
LEGISLATOR DISTRICT 6	JOHN M. DUCHESS
LEGISLATOR DISTRICT 7	MICHAEL J. PEPI
LEGISLATOR DISTRICT 8	JOSEPH M. ISABE
LEGISLATOR DISTRICT 9	ROBERT A. PURTELI

CLERK OF THE LEGISLATURE CHERYL A. REESE

# **DEPARTMENT OF SOCIAL SERVICES**

MICHAEL McMAHON COMMISSIONER

THOMAS LIPPIE **DEPUTY COMMISSIONER** 

JESSICA BATES **DEPUTY COMMISSIONER - FISCAL OPERATIONS** 

#### **COUNTY ATTORNEY** MEGHAN M. MANION, ESQ.

# **MONTGOMERY COUNTY PURCHASING**

JACLYN HERNIGLE PURCHASING BUYER

# **DEPARTMENT OF PUBLIC WORKS**

ERIC M. MEAD COMMISSIONER OF PUBLIC WORKS





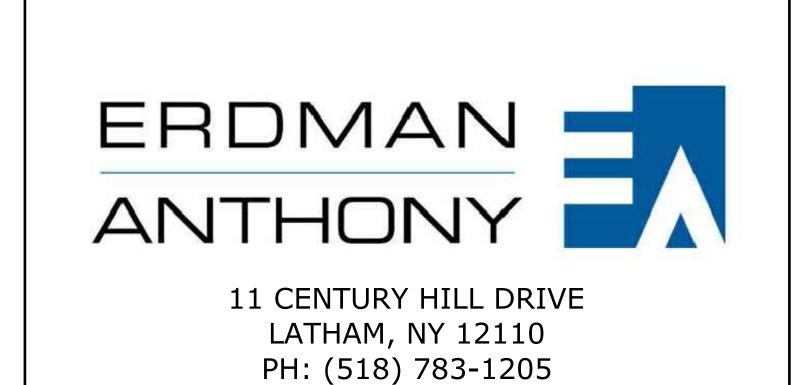


**SITE LOCATION MAP** 

# **ARCHITECTURAL ABBREVIATIONS**

@	AT	CT	CERAMIC TILE	EXIST	EXISTING	GWB	GYPSUM WALL BOARD	MIR	MIRROR	REINF	REINFORCED
CL or	CENTERLINE	CO	CLEAN OUT	ETR	EXISTING TO REMAIN	HCP	HANDICAPPED	MISC	MISCELLANEOUS	REL	RELOCATE RISER
DIA or	DIAMETER	CLR	CLEAR	EBCNYS	EXISTING BUILDING CODE OF NEW	HDWR	HARDWARE		MOISTURE RESISTANT GYPSUM WALL	(R)	REMOVE
#	NUMBER OR POUND	CCTV	CLOSED CIRCUIT TELEVISION	YORK	STATE	HVAC	HEATING, VENTILATING & AIR		BOARD	REQD	REQUIRED
AB.	ABOVE	CLOS	CLOSET	EXP	EXPANSION		CONDITIONING	MTD	MOUNTED	RCP	REFLECTED CEILING PLAN
AFF	ABOVE FINISH FLOOR	COL	COLUMN	EJ	EXPANSION JOINT	HD	HEAVY DUTY	MUL	MULLION	RM	ROOM
AP	ACCESS PANEL	CONC	CONCRETE	EXPO	EXPOSED	HGT	HEIGHT	NFPA	NATIONAL FIRE PROTECTION	RO	ROUGH OPENING
ACT	ACOUSTICAL CEILING TILE	CMU	CONCRETE MASONRY UNIT	EXT	EXTERIOR	Н	HIGH		ASSOCIATION	SJ	SAWCUT JOINT
ADJ	ADJUSTABLE	CONN	CONNECTION	EIFS	EXTERIOR INSULATED FINISH SYSTEM	HC	HOLLOW CORE	(N)	NEW	SCHED	SCHEDULE
AGG	AGGREGATE	CONST	CONSTRUCTION	FO	FACE OF	НМ	HOLLOW METAL	ŇŔĆ	NOISE REDUCTION COEFFICIENT	SECT	SECTION
ALT	ALTERNATE	CONT	CONTINUOUS	FOC	FACE OF CONCRETE	HORIZ	HORIZONTAL	NOM	NOMINAL	SHT	SHEET
ALUM	ALUMINUM	CJ	CONTROL JOINT	FOF	FACE OF FINISH	ID	INSIDE DIAMETER	NIC	NOT IN CONTRACT	SIM	SIMILAR
ATB	ALUMINUM T-BAR GRID	COORD	COORDINATE	FOM	FACE OF MASONRY	INSUL	INSULATION	NTS	NOT TO SCALE	STC	SOUND TRANSMISSION CLASS
AB	ANCHOR BOLT	CORR	CORRIDOR	FOS	FACE OF STUD	INT	INTERIOR	NO	NUMBER	SPEC	SPECIFICATION
ANC	ANCHOR	CYL	CYLINDER	FM	FACTORY MUTUAL	IBC	INTERNATIONAL BUILDING CODE	OFF	OFFICE	SQ	SQUARE
APPROX	APPROXIMATELY	DI	DE-IONIZED	FFU	FAN FILTER UNIT	JT	JOINT	OC	ON CENTER	SF	SQUARE FEET
ARCH	ARCHITECTURAL	(D)	DEMOLISH	FCB	FIBER CEMENT BOARD	JST	JOIST	OPNG	OPENING	SS	STAINLESS STEEL
AD	AREA DRAIN	ÒΈΡΤ	DEPARTMENT	FG	FIBERGLASS	LAM	LAMINATE	OPP	OPPOSITE	STD	STANDARD
ACM	ASBESTOS CONTAINING MATERIAL	DET	DETAIL	FIN	FINISH	LG	LARGE	0/	OVER	STA	STATION
BSMT	BASEMENT	Ø	DIAMETER	FA	FIRE ALARM	L	LENGTH	ÓA	OVER ALL	STL	STEEL
BRG	BEARING	DIM	DIMENSION	FDC	FIRE DEPT. CONN.	LVL	LEVEL	ОН	OVERHEAD	STOR	STORAGE
BM	BEAM	DISP	DISPENSER	FE	FIRE EXTINGUISHER	LT	LIGHT	OPCI	OWNER PROVIDED, CONTRACTOR	STRUC	STRUCTURAL
B.M.	BENCH MARK	DR	DOOR	FEC	FIRE EXTINGUISHER CABINET	LU/LA	LIMITED USE/LIMITED		INSTALLED	SL	STRUCTURAL LEVEL
BFF	BELOW FINISH FLOOR	DO	DOOR OPENING	FHC	FIRE HOSE CONNECTION	-	APPLICATION	OPOI	OWNER PROVIDED, OWNER	SUSP	SUSPENDED
BITUM	BITUMINOUS	DBL	DOUBLE	FH	FIRE HYDRANT	LF	LINEAL FEET		INSTALLED	SYM	SYMMETRICAL
BLK	BLOCK	DN	DOWN	FR	FIRE-RESISTIVE	LKR	LOCKER	PTD	PAINTED	THK	THICK(NESS)
BD	BOARD	DS	DOWNSPOUT	FLAM	FLAMMABLE	LLH	LONG LEG HORIZONTAL	PR	PAIR	THRES	THRESHOLD
B.O.	BOTTOM OF	DWR	DRAWER	FLASH	FLASHING	LLV	LONG LEG VERTICAL	PTN	PARTITION	T.O.	TOP OF
BOT	BOTTOM	DWG	DRAWING	FLR	FLOOR	LB	POUND	PVG	PAVING	TYP	TYPICAL
BLDG	BUILDING	DSP	DRY STANDPIPE	FD	FLOOR DRAIN	MH	MANHOLE	PLAS	PLASTIC or PLASTER	UL	UNDERWRITERS LABORATORY
BCNYS	BUILDING CODE OF NEW YORK STATE	EA	EACH	FJ	FLOOR JOIST	MFR	MANUFACTURER	P LAM	PLASTIC LAMINATE	UNO	UNLESS NOTED OTHERWISE
CAB	CABINET	EW	EACH WAY	FLUOR	FLUORESCENT	MAS	MASONRY	PL	PLATE	VIF	VERIFY IN FIELD
CAR	CARPET	Е	EAST	FT	FOOT or FEET	MO	MASONRY OPENING	PLMG	PLUMBING	VERT	VERTICAL
CIP	CAST IN PLACE	ELEC	ELECTRICAL	FTG	FOOTING	MAT	MATERIAL	PC	PLUMBING CONTRACTOR	WT	WEIGHT
CI	CAST IRON	EL	ELEVATION	FDN	FOUNDATION	MAX	MAXIMUM	PCNYS	PLUMBING CODE OF NEW YORK STATE	WWM	WELDED WIRE MESH
CB	CATCH BASIN	ELEV	ELEVATOR	FURR	FURRING	MECH	MECHANICAL	PLYWD	PLYWOOD	W/	WITH
CLKG	CAULKING	EMER	EMERGENCY	(F)	FUTURE	MC	MECHANICAL CONTRACTOR	PT	POINT OR PRESSURE TREATED	W/O	WITHOUT
CLG	CEILING	ENCL	ENCLOSED	GALV	GALVANIZED	MTL	METAL	PSF	POUNDS PER SQUARE FOOT	WD	WOOD
CEM	CEMENT	EP	EPOXY	GA	GAUGE OR GYPSUM ASSOCIATION	MTL PNL	METAL PANEL	PSI	POUNDS PER SQUARE INCH		
CTR	CENTER	EQ	EQUAL	GL	GLASS	М	METER	QTY	QUANTITY		
CL	CENTER LINE	EQUIP	EQUIPMENT	GR	GRADE	MEZZ	MEZZANINE	RD	ROOF DRAIN		
CER	CERAMIC	EXH	EXHAUST	GND	GROUND	MM	MILLIMETER	REC	RECESSED		
CG	CORNER GUARD	(E)	EXISTING	GYP	GYPSUM	MIN	MINIMUM	REF	REFERENCE		

D	RAWING LIST	
SHEET DESCRIPTION	SHEET TITLE	SHEET NUMBER
	<b>GENERAL</b>	
G-001	COVER PAGE	01
	ARCHITECTURAL	
AE-101	EXISTING FLOOR PLAN	02
A-101	NEW GENERATOR PAD LAYOUT	03
	<b>ELECTRICAL</b>	
E-000	ELECTRICAL COVER SHEET	04
E-101	OVERALL FIRST FLOOR PLAN	05
E-401	ENLARGED FIRST FLOOR PLAN	06
E-601	ONE-LINE DIAGRAMS	07



**CONSULTING ENGINEER** 

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WARNING: IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT IS ALTERED. THE ALTERING ARCHITECT SHALL AFFIX TO HIS ITEM THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION. ARCHITECTURE COMMISSIONER'S REGULATIONS PART 69.5.

WARNING: IT IS A VIOLATION OF THIS LAW FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER OR AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION. PROFESSIONAL ENGINEERING AND LAND SURVEYING - ART. 145,

C.T. MALE ASSOCIATES

Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C. 50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400

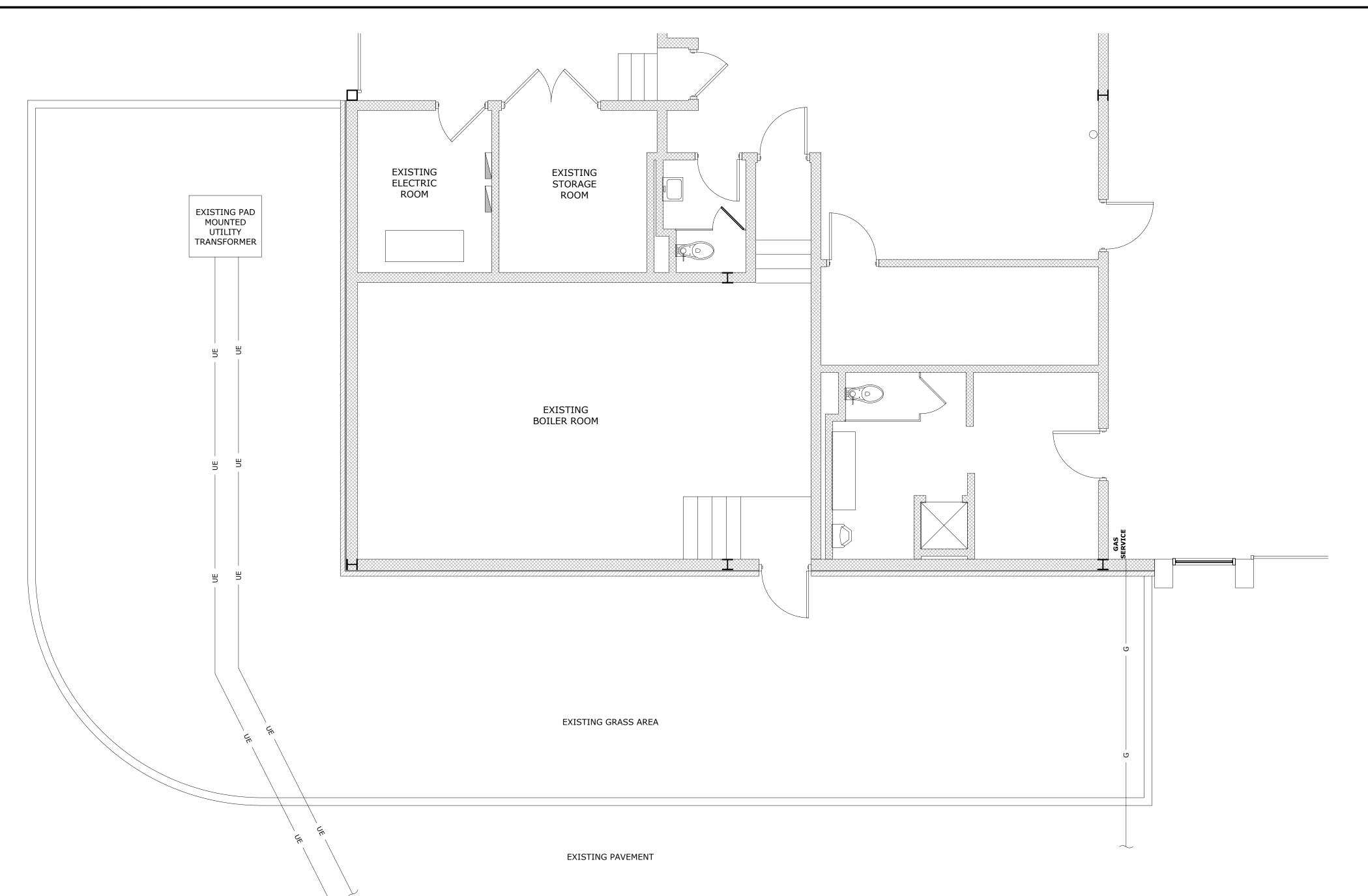
COBLESKILL, NY - GLENS FALLS, NY - POUGHKEEPSIE, NY JOHNSTOWN, NY • RED HOOK, NY • SYRACUSE, NY



**PROJECT NO. 20.0651 DRAWING NO. 22-0627** 

**G-001** 

SHEET 01 OF 07



1/4 inch = 1'-0" ft.

**EXISTING PARTIAL SITE AND BUILDING PLAN** 

CROSS REFERENCE: NONE

**ARCHITECTURAL SYMBOLS LIST** 

#### **SELECTIVE DEMOLITION NOTES:**

- 1. OWNER SHALL CLEAR WORK AREA OF ALL FURNISHINGS, FIXTURES, AND EQUIPMENT IN SELECTIVE DEMOLITION AREAS PRIOR TO COMMENCEMENT OF THE WORK.
- 2. THE CONTRACTOR SHALL SUBMIT A SCHEDULE OF SELECTIVE DEMOLITION ACTIVITIES. INDICATE THE FOLLOWING: A. DETAILED SEQUENCE OF SELECTIVE DEMOLITION AND REMOVAL WORK, WITH STARTING AND
- ENDING DATES FOR EACH ACTIVITY. ENSURE OWNER'S ON-SITE OPERATIONS ARE B. INTERRUPTION OF UTILITY SERVICES. INDICATE HOW LONG UTILITY SERVICES WILL BE
- C. COORDINATION FOR SHUTOFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES. D. LOCATIONS OF PROPOSED DUST- AND NOISE-CONTROL TEMPORARY PARTITIONS AND MEANS
- E. COORDINATION OF OWNER'S CONTINUING OCCUPANCY OF PORTIONS OF EXISTING BUILDING AND OF OWNER'S PARTIAL OCCUPANCY OF COMPLETED WORK. F. MEANS OF PROTECTION FOR ITEMS TO REMAIN AND ITEMS IN PATH OF WASTE REMOVAL
- 3. THE BUILDING WILL REMAIN UN-OCCUPIED DURING CONSTRUCTION ACTIVITIES 4. PRE-DEMOLITION CONFERENCE: CONDUCT CONFERENCE AT PROJECT SITE. REVIEW METHODS

B. REVIEW STRUCTURAL LOAD LIMITATIONS OF EXISTING STRUCTURE.

AND PROCEDURES RELATED TO SELECTIVE DEMOLITION INCLUDING, BUT NOT LIMITED TO, THE

A. INSPECT AND DISCUSS CONDITION OF CONSTRUCTION TO BE SELECTIVELY DEMOLISHED.

- C. REVIEW AND FINALIZE SELECTIVE DEMOLITION SCHEDULE AND VERIFY AVAILABILITY OF MATERIALS, DEMOLITION PERSONNEL, EQUIPMENT, AND FACILITIES NEEDED TO MAKE PROGRESS AND AVOID DELAYS.
- D. REVIEW REQUIREMENTS OF WORK PERFORMED BY OTHER TRADES THAT RELY ON SUBSTRATES EXPOSED BY SELECTIVE DEMOLITION OPERATIONS. E. REVIEW AREAS WHERE EXISTING CONSTRUCTION IS TO REMAIN AND REQUIRES
- 5. ITEMS TO BE SALVAGED SHOULD BE DISCONNECTED AND REMOVED BY THE DEMOLITION CONTRACTOR UNLESS NOTED OTHERWISE. ITEMS SHOULD BE CLEANED AND REPAIRED TO A FUNCTIONAL CONDITION ADEQUATE FOR THE INTENDED REUSE.
- 6. LIFE SAFETY SYSTEMS MUST REMAIN FULLY OPERATIONAL THROUGHOUT DEMOLITION. ALL EXISTING BASE BUILDING SIGNALING SYSTEMS (FIRE ALARM, PULL STATIONS, FIRE WARDEN STATIONS, HORNS, STROBES, SPEAKERS, STANDPIPE TELEPHONES, ETC.) SHOULD BE EITHER RELOCATED OR TEMPORARILY SUSPENDED FROM THE STRUCTURE. BEFORE TEMPORARILY DISCONNECTING OR RELOCATING EXISTING FIRE ALARM EQUIPMENT, THE CONTRACTOR SHOULD NOTIFY THE BUILDING OWNER OR MANAGER. ALL RELOCATED OR NEW EQUIPMENT SHOULD BE INSTALLED IN ACCORDANCE WITH ELECTRICAL AND BUILDING CODES AND THE ACCESSIBILITY REQUIREMENTS.
- 7. USE TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT RISING AND SCATTERING IN THE AIR. DO NOT USE WATER WHEN IT MAY DAMAGE EXISTING CONSTRUCTION OR CREATE HAZARDOUS OR OBJECTIONABLE CONDITIONS SUCH AS ICE, FLOODING, AND POLLUTION. REMOVE DECAYED, VERMIN-INFESTED, OR OTHERWISE DANGEROUS OR UNSUITABLE MATERIALS, AND PROMPTLY DISPOSE OF THEM OFF-SITE. MAINTAIN ADEQUATE VENTILATION WHEN USING CUTTING TORCHES.
- 8. AVOID UNSIGHTLY CONDITIONS BY CLEANING ADJACENT STRUCTURES AND ARCHITECTURAL FINISHES. ELIMINATE TRACTABLE DIRT BY WET-MOPPING FLOORS AND WIPING DOWN WALLS AND DOORS OF THE DEMOLITION ENCLOSURE. VACUUM CARPETED AREAS ON A DAILY BASIS. PROVIDE WALK-OFF MATS FROM THE AREA OF WORK TO PREVENT DUST FROM BEING TRACKED ONTO ADJACENT FLOOR FINISHES. DO NOT USE PUBLIC CORRIDORS, LOBBIES, OR HALLWAYS AS STAGING AREAS. LIMIT RUBBISH REMOVAL TO AFTER NORMAL BUSINESS HOURS.
- 9. DAMAGE TO ADJACENT CONSTRUCTION DURING DEMOLITION MUST BE REPAIRED AND RESTORED IMMEDIATELY BY THE DEMOLITION CONTRACTOR.

#### **GENERAL DEMOLITION NOTES**

- 1. CONCEALED OR UNKNOWN CONDITIONS. IF THE CONTRACTOR ENCOUNTERS CONDITIONS AT THE SITE THAT ARE (1) SUBSURFACE OR OTHERWISE CONCEALED PHYSICAL CONDITIONS THAT DIFFER MATERIALLY FROM THOSE INDICATED IN THE CONTRACT DOCUMENTS OR (2) UNKNOWN PHYSICAL CONDITIONS OF AN UNUSUAL NATURE, THAT DIFFER MATERIALLY FROM THOSE ORDINARILY FOUND TO EXIST AND GENERALLY RECOGNIZED AS INHERENT IN CONSTRUCTION ACTIVITIES OF THE CHARACTER PROVIDED FOR IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL PROMPTLY PROVIDE NOTICE TO THE OWNER'S REPRESENTATIVE BEFORE CONDITIONS ARE DISTURBED. THE ARCHITECT WILL PROMPTLY INVESTIGATE SUCH CONDITIONS AND, IF THE OWNER'S REPRESENTATIVE DETERMINES THAT THEY DIFFER MATERIALLY AND CAUSE AN INCREASE OR DECREASE IN THE CONTRACTOR'S COST OF, OR TIME REQUIRED FOR, PERFORMANCE OF ANY PART OF THE WORK, WILL RECOMMEND AN EQUITABLE ADJUSTMENT IN THE CONTRACT SUM OR CONTRACT TIME, OR BOTH. IF THE OWNER'S REPRESENTATIVE DETERMINES THAT THE CONDITIONS AT THE SITE ARE NOT MATERIALLY DIFFERENT FROM THOSE INDICATED IN THE CONTRACT DOCUMENTS AND THAT NO CHANGE IN THE TERMS OF THE CONTRACT IS JUSTIFIED, THE STATION'S REPRESENTATIVE SHALL PROMPTLY NOTIFY THE OWNER AND CONTRACTOR IN WRITING, STATING THE
- 2. REMOVAL OF HAZARDOUS MATERIALS ARE NOT ANTICIPATED. IF OTHER SUSPECTED HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB; IMMEDIATELY NOTIFY THE OWNER.
- 3. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING, FITTING OR PATCHING REQUIRED TO COMPLETE THE WORK OR TO MAKE ITS PARTS FIT TOGETHER PROPERLY. ALL AREAS REQUIRING CUTTING, FITTING AND PATCHING SHALL BE RESTORED TO THE CONDITION EXISTING PRIOR TO THE CUTTING, FITTING AND PATCHING, UNLESS OTHERWISE REQUIRED BY THE CONTRACT DOCUMENTS.
- 4. THE CONTRACTOR SHALL NOT DAMAGE OR ENDANGER A PORTION OF THE WORK OR FULLY OR PARTIALLY COMPLETED CONSTRUCTION OF THE OWNER OR SEPARATE CONTRACTORS BY CUTTING, PATCHING OR OTHERWISE ALTERING SUCH CONSTRUCTION, OR BY EXCAVATION. THE CONTRACTOR SHALL NOT CUT OR OTHERWISE ALTER SUCH CONSTRUCTION BY THE OWNER OR A SEPARATE CONTRACTOR EXCEPT WITH WRITTEN CONSENT OF THE OWNER AND OF SUCH SEPARATE CONTRACTOR; SUCH CONSENT SHALL NOT BE UNREASONABLY WITHHELD. THE CONTRACTOR SHALL NOT UNREASONABLY WITHHOLD FROM THE OWNER OR A SEPARATE CONTRACTOR THE CONTRACTOR'S CONSENT TO CUTTING OR OTHERWISE ALTERING THE WORK.
- 5. THE CONTRACTOR SHALL KEEP THE PREMISES AND SURROUNDING AREA FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH CAUSED BY OPERATIONS UNDER THE CONTRACT. AT COMPLETION OF THE WORK, THE CONTRACTOR SHALL REMOVE WASTE MATERIALS, RUBBISH, THE CONTRACTOR'S TOOLS, CONSTRUCTION EQUIPMENT, MACHINERY AND SURPLUS MATERIALS FROM AND ABOUT THE PROJECT.
- 6. IF THE CONTRACTOR FAILS TO CLEAN UP AS PROVIDED IN THE CONTRACT DOCUMENTS, THE OWNER MAY DO SO AND OWNER SHALL BE ENTITLED TO REIMBURSEMENT FROM THE CONTRACTOR.

#### **ARCHITECTURAL DEMOLITION NOTES:**

- BEFORE THE INSTALLATION OF NEW MATERIALS BEGINS, AN INSPECTION OF THE REMAINING CONSTRUCTION SHOULD BE PERFORMED. SECURE, REBUILD, AND RECTIFY REMAINING CONSTRUCTION THAT IS FOUND TO BE WEAKENED, DAMAGED, OR OTHERWISE UNSUITABLE TO RECEIVE NEW WORK.
- RETURN ELEMENTS OF CONSTRUCTION AND SURFACES THAT ARE TO REMAIN TO THE CONDITION EXISTING BEFORE DEMOLITION BEGAN. IF IDENTICAL MATERIALS ARE UNAVAILABLE OR CANNOT BE USED FOR EXPOSED SURFACES, USE MATERIALS THAT VISUALLY MATCH EXISTING ADJACENT SURFACES.
- 3. WHEN UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL ELEMENTS THAT CONFLICT WITH THE INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, THE DEMOLITION CONTRACTOR SHOULD INVESTIGATE, MEASURE THE NATURE AND EXTENT OF THE CONFLICT, AND SUBMIT A WRITTEN REPORT TO THE STATION'S REPRESENTATIVE.
- 4. REFER TO MECHANICAL AND ELECTRICAL DRAWING SHEETS FOR REMOVALS SPECIFIC TO CONTRACT 2 & 3 DEMOLITION WORK. COORDINATE REMOVAL REQUIREMENTS WITH RESPECTIVE TRADES.
- 5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL DEMOLITION AND REMOVALS WORK IS PERFORMED IN ACCORDANCE WITH APPLICABLE OSHA, STATE, AND LOCAL BUILDING CODE REQUIREMENTS. WORKERS SKILLED IN THE TRADE SHOULD PERFORM THE WORK. 6. GOVERNING EPA NOTIFICATION REGULATIONS MUST BE COMPLIED WITH BEFORE BEGINNING ANY
- DEMOLITION. MANY AUTHORITIES HAVE JURISDICTION OVER HAULING AND DISPOSAL OF DEMOLITION MATERIALS AND SHOULD BE COMPLIED WITH AS WELL. LIKEWISE, ADHERENCE TO ALL ANSI SAFETY REQUIREMENTS AND NFPA STANDARDS FOR SAFEGUARDING CONSTRUCTION, ALTERATION, AND DEMOLITION OPERATIONS IS REQUIRED. 7. THROUGHOUT DEMOLITION THE REQUIRED MEANS OF EGRESS MUST BE MAINTAINED FROM ADJACENT

OCCUPIED SPACES. TEMPORARY PARTITIONS MUST ALLOW ACCESS TO EXISTING WALKWAYS, CORRIDORS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. EGRESS CORRIDORS OR PASSAGES SERVING OCCUPIED SPACES MUST MEET APPLICABLE CODES FOR EXIT SIGNAGE, EMERGENCY LIGHTING, LIFE SAFETY

SPEAKER/STROBES, FIRE HOSE CABINETS, FIRE EXTINGUISHER PLACEMENT, FIRE WARDEN STATIONS, AND SPRINKLERS. 8. DO NOT CLOSE OR OBSTRUCT WALKWAYS, CORRIDORS, OR OTHER OCCUPIED OR USED FACILITIES

WITHOUT WRITTEN PERMISSION FROM AUTHORITIES HAVING JURISDICTION.

## **DEFINITIONS**

1. REMOVE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND DISPOSE OF THEM OFF-SITE UNLESS INDICATED TO BE SALVAGED OR REINSTALLED.

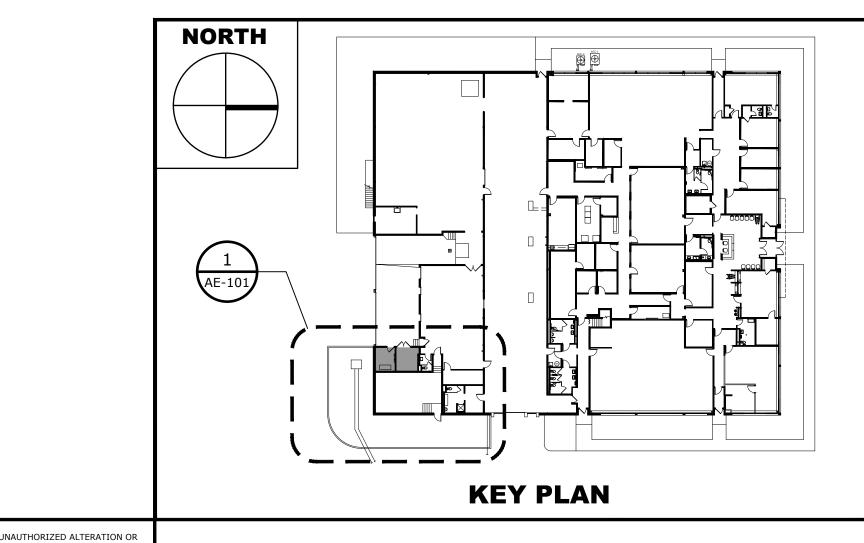
- . <u>REMOVE AND SALVAGE</u>: DETACH ITEMS FROM EXISTING CONSTRUCTION, IN A MANNER TO PREVENT DAMAGE, AND DELIVER TO OWNER READY FOR REUSE.
- 3. <u>REMOVE AND REINSTALL</u>: DETACH ITEMS FROM EXISTING CONSTRUCTION, IN A MANNER TO PREVENT DAMAGE, PREPARE FOR REUSE, AND REINSTALL WHERE INDICATED.
- 4. EXISTING TO REMAIN: LEAVE EXISTING ITEMS THAT ARE NOT TO BE REMOVED AND THAT ARE NOT OTHERWISE INDICATED TO BE SALVAGED OR REINSTALLED.
- 5. <u>DISMANTLE</u>: TO REMOVE BY DISASSEMBLING OR DETACHING AN ITEM FROM A SURFACE, USING GENTLE ETHODS AND EQUIPMENT TO PREVENT DAMAGE TO THE ITEM AND SURFACES; DISPOSING OF ITEMS UNLESS INDICATED TO BE SALVAGED OR REINSTALLED.

# **LEGEND**

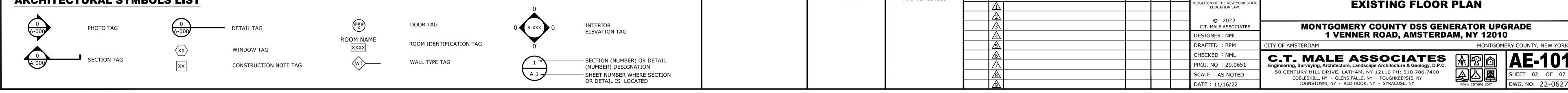
DDITION TO THIS DOCUMENT IS

— G — EXISTING UNDERGROUND GAS LINE

\_\_\_\_ UE \_\_\_\_ EXISTING UNDERGROUND ELECTRIC LINE



# **EXISTING FLOOR PLAN**



CHRISTOPHER M. SHAVER

P.E. NO. 071071

NICHOLAS M. LOBOSCO

R.A. NO. 034280

REVISIONS RECORD/DESCRIPTION

#### **GENERAL BUILDING NOTES** ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH ALL THE REQUIREMENTS OF LOCAL, STATE AND NATIONAL BUILDING AND SAFETY CODES AND ALL GOVERNING AGENCIES HAVING JURISDICTION OVER THE PROJECT. CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED PERMITS. . DO NOT INTERRUPT EXISTING UTILITY SERVICE WITHOUT AUTHORIZATION FROM THE OWNER. PROVIDE TEMPORARY SERVICE DURING INTERRUPTIONS UNLESS OTHERWISE DIRECTED BY THE OWNER'S REPRESENTATIVE. 4. FOLLOW MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS FOR INSTALLATION OF ALL MATERIALS. THE WORDS "PROVIDE" OR "SUPPLY" SHALL INCLUDE BOTH FURNISHING AND INSTALLING THE SPECIFIED **EXISTING** NEW ELECTRICAL ROOM, OR DETAILED ITEM, IN PLACE AND READY FOR OPERATION AND USE. **ELECTRIC** REFER TO ELECTRICAL ROOM DRAWINGS FOR WORK SCOPE 5. PROVIDE TEMPORARY AND REMOVABLE PROTECTION FOR INSTALLED PRODUCTS. CONTROL ACTIVITY IN IMMEDIATE WORK ARE TO MINIMIZE DAMAGE. **EXISTING PAD** MOUNTED PROVIDE PROTECTIVE COVERINGS AT WALLS, PROJECTIONS, JAMBS, SILLS, GRATING AND SOFFITS OF UTILITY OPENINGS NOT AFFECTED BY CONSTRUCTION. **TRANSFORMER** . PROTECT FINISHED FLOORS AND OTHER SURFACES WITH DURABLE SHEET MATERIALS. FLOORS ARE TO BE PROTECTED FROM TRAFFIC, DIRT, WEAR, DAMAGE OR MOVEMENT OF HEAVY OBJECTS. 9. USE SUITABLE MEANS AND METHODS TO LIMIT DUST AND DIRT FROM ADJACENT AREAS. 10. ALL ITEMS WHICH ARE NOT SPECIFICALLY REFERRED TO ON THESE DRAWINGS OR WITHIN THE APPLICABLE SPECIFICATION SECTION SHALL BE SELECTED BY THE ARCHITECT AND/OR ENGINEER FROM THE MANUFACTURER'S STANDARD SAMPLES SHOWING FULL RANGE OF TEXTURES AND COLORS AVAILABLE. 1. EACH CONTRACTOR SHALL OBTAIN AND VERIFY EXACT LOCATIONS, MEASUREMENTS, LEVELS, SPACE REQUIREMENTS, POTENTIAL CONFLICTS WITH OTHER TRADES, ETC. AT THE SITE AND SHALL SATISFACTORILY ADAPT THEIR WORK TO THE ACTUAL CONDITIONS AT THE BUILDING. 12. INSTALL ALL EQUIPMENT AND MATERIALS IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY INDICATED OTHERWISE OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE. **EXISTING BOILER ROOM** 13. ALL DIMENSIONS ARE APPROXIMATE TO OUTSIDE FACE OF BUILDING OR EDGE OF ROOF COVERINGS, UNLESS NOTED OTHERWISE. MASONRY DIMENSIONS ARE NOMINAL. DO NOT SCALE THESE DRAWINGS. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION OR FABRICATION. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DIMENSION DISCREPANCIES PRIOR TO CONSTRUCTION OR FABRICATION. 14. ALL DETAILS ARE TYPICAL, DETAILS APPLY TO ALL SIMILAR CONSTRUCTION NOT DETAILED OR NOTED. 15. PROVIDE SEALANT AND/OR GASKET BETWEEN ALL DISSIMILAR MATERIALS. 16. ALL MATERIALS REQUIRED TO BE RATED SHALL BEAR A MARK ON EACH RATED ITEM. PRESSURE TREATED WOOD SHALL BE MARKED WITH THE AWPB QUALITY MARK. FIRE RETARDANT WOOD SHALL BE PROVIDED WITH THE UL LABEL ON EACH PIECE OF MATERIAL. 17. WHERE ACCESSORY MATERIALS ARE SPECIFIED AND NO EXTENT OF USE IS INDICATED, PROVIDE 3/4" CHAMFER ON ACCESSORY MATERIAL WHEREVER USE IS POSSIBLE. EXPOSED EDGES — 18. MINOR ITEMS OF WORK SUCH AS CUTTING, BLOCKING, TRIM, ETC. SHALL BE PERFORMED AS REQUIRED TO — #4 BARS @ 12" O.C. MAXIMUM, EACH WAY 1/2" ISOLATION JOINT MATERIAL AND MAKE THE WORK COMPLETE AND SECURE WHETHER SHOWN OR NOTED ON THE CONTRACT DOCUMENTS OR SEALANT BETWEEN CONCRETE PAD AND RIVER ROCK EXISTING BUILDING, AND BETWEEN STONE, 6" DEEP — CONCRETE PAD AND GENERATOR PAD 19. SEE APPROPRIATE DRAWINGS FOR GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS OF OTHER NEW GENERATOR PAD — 20. DIMENSIONS ON LARGER SCALE DRAWINGS GOVERN. 21. COORDINATE ALL DIMENSIONS WITH ALL SHOP DRAWINGS TO BE SUBMITTED PRIOR TO CONSTRUCTION OR FABRICATION. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DIMENSIONAL DISCREPANCIES PRIOR TO CONSTRUCTION OR FABRICATION. **NEW GENERATOR** 22. MASONRY DIMENSIONS GIVEN ARE NOMINAL EXCEPT AT LARGE SCALE DETAILS WHERE ACTUAL SIZE IS SUBBASE COURSE, TYPE 2 NYSDOT ITEM NO. 304.12 — COMPACTED SUBGRADE 23. "ALIGN" SHALL BE UNDERSTOOD TO MEAN THE WALLS OR COLUMNS INDICATED. RIVER ROCK STONE 24. PATCH ALL AREAS WHERE REMOVAL OF CONSTRUCTION EQUIPMENT, ETC. LEAVES SURFACE FINISH OF EXPOSED CONSTRUCTION OTHER THAN SMOOTH AND FLUSH WITH ADJACENT FINISH. 1. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM WITH THE REQUIREMENTS OF SECTION 608, SIDEWALKS, DRIVEWAYS, AND BICYCLE PATHS; SPECIFICALLY ITEM NO. 608.0101 CONCRETE SIDEWALKS 25. WORK OF ENGINEERING DISCIPLINES ARE SHOWN ON ARCHITECTURAL DRAWINGS FOR COORDINATION AND DRIVEWAYS, OF THE NYSDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, DATED PURPOSES ONLY. REFER TO APPROPRIATE DISCIPLINE DRAWINGS FOR COMPLETE AND GOVERNING MAY 1, 2008, AND ALL ADDENDA THERETO. SEE NOTE NO. 10 FOR REQUIRED DETECTABLE WARNINGS. INFORMATION REGARDING THEIR WORK. INCOMPLETE, INCONSISTENT OR MISSING ENGINEERING INFORMATION ON ARCHITECTURAL DRAWINGS SHALL NOT BE CONSTRUED AS BINDING FOR THAT WORK. BOLLARD, TYP. 2. SUBBASE MATERIAL AND PLACEMENT SHALL CONFORM WITH THE REQUIREMENTS OF SECTION 304, SUBBASE REFER TO DETAIL 4/A-101 COURSE; SPECIFICALLY ITEM NO. 304.12, SUBBASE COURSE, TYPE 2, OF THE NYSDOT STANDARD 26. INSTALL FIRESTOPPING AT FIRE-RATED PENETRATIONS. SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS DATED MAY 1, 2008, AND ALL ADDENDA THERETO. 27. GENERAL CONTRACTOR TO COORDINATE ALL WORK WITH OTHER DISCIPLINES. 3. ALL EXPOSED SURFACES SHALL HAVE A BROOMED TEXTURE FINISH. **CONCRETE PAD SECTION GENERATOR PAD LAYOUT** CROSS REFERENCE: 1/A-101 SCALE: 1/4" = 1'-0" 1/4 inch = 1'-0" ft. CROSS REFERENCE: AE-101 - 1/8" THICK POLYETHYLENE COVER SEE GENERATOR PAD WITH RETRO-REFLECTIVE TAPE PLAN FOR LENGTH & WIDTH BY "BOLLARDGARD" OR EQUIVALENT — 8" CONCRETE PAD FORM ROUNDED TOP WITH — 3/4"CHAMFER ON FOR GENERATOR CONCRETE TO CAP PIPE EXPOSED EDGES, TYP. RIVER ROCK STONE, 6" DEEP -── NO. 4 BARS @ 12" O.C. BARS, TYP MAXIMUM EACH WAY AROUND ENTIRE PAD - PROVIDE (2) #4 BAR TIES AT SLAB OPENING, IN ADDITION TO RIVER ROCK TYPICAL SLAB REINFORCEMENT SEE NOTE 4 BELOW 12" 6" I.D. SCHEDULE 40 STEEL PIPE STONE, 6" DEEP a — RIVER ROCK SCOMPACTED SUBGRADE STONE, 6" DEEP GEOTEXTILE SEE SUITABLE MATERIAL, NOTE 5 BELOW —— SUITABLE MATERIAL, SEE NOTE 3 BELOW SEE NOTE 3 BELOW —— NORTH CONCRETE FOOTING JOINTS: LOCATE PER PLAN. DISCONTINUE EVERY OTHER REINFORCING BAR THAT CROSSES THE CONTROL FOR BOLLARD JOINT AT LEAST 3" BACK FROM THE JOINT. - CONCRETE FILLING 2. SUITABLE MATERIAL SHALL CONSIST OF STOCKPILED EXCAVATED GRANULAR MATERIAL, FREE FROM ORGANIC OR OTHER DELETERIOUS MATERIALS. DRAINAGE FILL SHALL CONSIST OF AN EQUAL BLEND OF NO. 1 AND NO. 2 COARSE AGGREGATE, COMPLYING WITH THE MATERIAL REQUIREMENTS OF NYSDOT STANDARD SPECIFICATIONS ARTICLE 703-02. TYPICAL BOLLARD AGGREGATE SHALL BE GRADED IN ACCORDANCE WITH SIZE DESIGNATIONS 1 AND 2 ON TABLE 703-4 OF IN GRASS AREA IN PAVEMENT AREA THE NYSDOT STANDARD SPECIFICATIONS. GENERATOR OUTLINE 4. GEOTEXTILE SHALL CONSIST OF MIRAFI 160N OR APPROVED EQUAL. SAWCUT CONTROL JOINT AT QUARTER POINTS OF SLAB. 1. SEE SITE GENERATOR PAD LAYOUT FOR BOLLARD LOCATIONS. DISCONTINUE EVERY OTHER REINFORCING BAR THAT CROSSES 5. SUITABLE MATERIAL BACKFILL AND DRAINAGE FILL SHALL BE PLACED IN LIFTS NOT TO EXCEED 6 INCHES, THE CONTROL JOINT AT LEAST 3" BACK FROM THE JOINT —— 2. BOLLARDS SHALL BE SPACED NOT MORE THAN 4-FEET O.C. AND COMPACTED THROUGH SEVERAL (6 OR MORE) PASSES OF A WALK BEHIND VIBRATORY ROLLER WITH STATIC WEIGHT OF AT LEAST 3 TONS. 3. LOCATION SHALL BE NOT LESS THAN 3-FEET FROM THE OBJECT BEING A-101 1. EDGE OF GENERATOR PAD TO BE NO CLOSER THAN 5'-0 FROM NEAREST EXISTING STRUCTURE. PROTECTED IN ACCORDANCE WITH FC-NYS PART 312.2. 6. EDGE OF GENERATOR PAD TO BE NO CLOSER THAN 5'-0" FROM NEAREST EXISTING STRUCTURE. 2. GENERATOR EQUIPMENT PAD IS BASED ON KOHLER 400REOZJD GENERATOR SET WITH 72-HR TANK. 4. COLOR TO BE SELECTED BY OWNER'S REPRESENTATIVE. 7. GENERATOR EQUIPMENT PAD IS BASED ON KOHLER 400REOZJD GENERATOR SET WITH 72 HR TANK. **GENERATOR PAD PLAN** STEEL AND CONCRETE BOLLARD **GENERATOR PAD SECTION** CROSS REFERENCE: 1/A-101 CROSS REFERENCE: 1/A-101 CROSS REFERENCE: 2/A-101 **KEY PLAN** CHRISTOPHER M. SHAVER NICHOLAS M. LOBOSCO REVISIONS RECORD/DESCRIPTION JNAUTHORIZED ALTERATION OR **ARCHITECTURAL SYMBOLS LIST** P.E. NO. 071071 R.A. NO. 034280 DDITION TO THIS DOCUMENT IS **NEW GENERATOR PAD LAYOUT** LATION OF THE NEW YORK STAT EDUCATION LAW. © 2022 DOOR TAG INTERIOR MONTGOMERY COUNTY DSS GENERATOR UPGRADE C.T. MALE ASSOCIATES **ELEVATION TAG** 1 VENNER ROAD, AMSTERDAM, NY 12010 DESIGNER: NML **ROOM NAME** ROOM IDENTIFICATION TAG MONTGOMERY COUNTY, NEW YORK XXXX DRAFTED : BPM CITY OF AMSTERDAM WINDOW TAG CHECKED : NML C.T. MALE ASSOCIATES SECTION (NUMBER) OR DETAIL WALL TYPE TAG PROJ. NO : 20.0651 CONSTRUCTION NOTE TAG (NUMBER) DESIGNATION 50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400 SHEET NUMBER WHERE SECTION SCALE: AS NOTED COBLESKILL, NY • GLENS FALLS, NY • POUGHKEEPSIE, NY OR DETAIL IS LOCATED JOHNSTOWN, NY • RED HOOK, NY • SYRACUSE, NY wg. no: 22-0627 DATE: 11/16/22

	ELECTRICAL ONE LINE SYMBOLS
0	DISCONNECT SWITCH
_1/2/_	FUSED SWITCH
	FUSE - RATING AS INDICATED
4	CAPACITOR
≱	15KV-200A LOAD BREAK ELBOW
<del>≪</del> #≫	CIRCUIT BREAKER MEDIUM VOLTAGE, DRAW OUT TYPE
٥ م	CIRCUIT BREAKER
<b>{</b>	CURRENT TRANSFORMER (RATIO AS INDICATED)
-□-}⊱	CONTROL OR POTENTIAL TRANSFORMER (RATIO AS INDICATED)
<u>ئ</u>	MOTOR OVERLOAD
+	CONTACT - NORMALLY OPEN
*	CONTACT - NORMALLY CLOSED
<b>→</b>	EMERGENCY MUSHROOM HEAD SHUT-OFF
AS	AMMETER SWITCH
VS	VOLTMETER SWITCH
<b>⊣</b> II	GROUND
~ 어!	LIGHTNING ARRESTOR
38	TRANSFORMER
(M)	METER
N o o E	TRANSFER SWITCH

DISTRIBUTION				
<u> </u>	EXISTING PANELBOARD - FLUSH MOUNTED			
2772	EXISTING PANELBOARD - SURFACE MOUNTED			
	PANELBOARD - FLUSH MOUNTED			
	PANELBOARD - SURFACE MOUNTED			
	CONTROL PANEL - FLUSH MOUNTED			
	CONTROL PANEL - SURFACE MOUNTED			
	HOMERUN TO PANELBOARD			
	EQUIPMENT CONNECTION FLEX CONDUIT			
<del></del>	EQUIPMENT ON SAME CIRCUIT BUT SEPARATELY CONTROLLED			
——P——	PRIMARY ELECTRIC SERVICE			
——s—	SECONDARY ELECTRIC CIRCUIT			

	SITE LEGEND			
— EX-UG —	EXISTING UNDERGROUND ELECTRIC - TO REMAIN			
— ЕХ-ОН —	EXISTING OVERHEAD ELECTRIC - TO REMAIN			
— RX-UG —	EXISTING UNDERGROUND ELECTRIC TO BE REMOVED			
— RX-OH —	EXISTING OVERHEAD ELECTRIC TO BE REMOVED			
— UGE —	NEW UNDERGROUND ELECTRIC			
— OHE —	NEW OVERHEAD ELECTRIC			
X	LIGHT STANDARD			
<b>P</b>	POLE MOUNTED LIGHTING FIXTURE			
Ø	UTILITY POLE			
МН	EXISTING OR NEW MANHOLE			
0	GROUND ROD			

	SECURITY		
	CONDUIT TO DOOR FRAME		
MD	MOTION DETECTOR		
•	PUSH BUTTON DOOR SWITCH		
CR	CARD READER		
KP	SECURITY KEYPAD		
DC	DOOR CONTACT		
REX	REQUEST TO EXIT		
	STATIONARY VIDEO CAMERA		
PTZ CK	PAN/TILT/ZOOM ENABLED VIDEO CAMERA		
ES	ELECTRIC STRIKE		
MAG	MAGNETIC LOCK		
EML	ELECTRIC MORTISE LOCK		
ELR	ELECTRIC LATCH RETRACTOR		

	EQUIPMENT
B	BLANK OUTLET
0	JUNCTION BOX - WALL OR CEILING
J	JUNCTION BOX - RECESSED IN FLOOR
СВ	ENCLOSED CIRCUIT BREAKER - SIZE AS INDICATED
C	CONTACTOR
	DRY TYPE TRANSFORMER - SIZE AS NOTED
L L	DISCONNECT SWITCH - NON FUSED 5' AFF TO TOP OF BOX
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	DISCONNECT SWITCH - FUSED 5' AFF TO TOP OF BOX
<b>W</b>	COMBINATION STARTER/DISCONNECT - 5' AFF TO TOP OF BOX
	MOTOR STARTER
0	MOTOR
R	RELAY
<b>W</b>	METER
*	FAN
•	PUSH BUTTON
SPD	SURGE PROTECTIVE DEVICE
VFD	VARIABLE FREQUENCY DRIVE
®	CORD REEL, "C" = HUNG FROM CEILING
PS	POWER SUPPLY
IP	TELE-POWER POLE
EPO	EMERGENCY POWER OFF BUTTON
Ĥ	MUSHROOM SWITCH
0	EQUIPMENT CONNECTION - REFER TO SCHEDULE

LIGHTING FIXTURES				
	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE			
	LINEAR LIGHTING FIXTURE - SEE FIXTURE SCHEDULE			
	WALL MOUNTED LIGHTING FIXTURE - SEE FIXTURE SCHEDULE			
0	CEILING MOUNTED LIGHTING FIXTURE - SEE FIXTURE SCHEDULE			
Q p	WALL MOUNTED LIGHTING FIXTURE - SEE FIXTURE SCHEDULE			
	EXTERIOR LIGHTING FIXTURE - SEE FIXTURE SCHEDULE			
<b>•</b>	WALL WASH LIGHTING FIXTURE - SEE FIXTURE SCHEDULE			

LIGHTING FIXTURES

	₩₩	COMBINATION EXIT SIGN/EMERGENCY BATTERY UNIT WITH HEADS - SEE FIXTURE SCHEDULE
		DIRECTION ARROWS FOR EXIT SIGNS AS REQUIRED
	₩ 🕸	WALL MOUNTED EXIT SIGN - SEE FIXTURE SCHEDULE
	<b>X</b>	CEILING MOUNTED EXIT SIGN - SEE FIXTURE SCHEDULE
	4	EMERGENCY BATTERY UNIT WITH HEADS- SEE FIXTURE SCHEDULE
	4	REMOTE HEAD(S) FOR EMERGENCY BATTERY UNIT - SEE FIXTURE SCHEUDLI
	9 4	LIGHTING FIXTURES ON A NORMAL EMERGENCY CIRCUIT - SEE FIXTURE SCHEDULE
	• •	LIGHTING FIXTURES ON EMERGENCY ONLY CIRCUIT - SEE FIXTURE SCHEDUI

SWITCHES			
\$	SINGLE POLE - WALL MOUNTED - FLUSH		
ER	EMERGENCY LIGHTING CONTROL UNIT		
RCX	ROOM CONTROLLER		
CS	DUAL-TECHNOLOGY INFRARED/ULTRASONIC OCCUPANCY SENSOR - CEILING MOUNTED		
CS <sub>R</sub>	PASSIVE INFRARED OCCUPANCY SENSOR - CEILING MOUNTED		
cs <sub>U</sub>	ULTRASONIC OCCUPANCY SENSOR - CEILING MOUNTED		
CS <sub>XD</sub>	OCCUPANCY SENSOR WITH AUXILIARY CONTACT FOR BMS INPUT - CEILING MOUNTED (X = SENSORY TECHNOLOGY)		
₩S	OCCUPANCY SENSOR - WALL MOUNTED (SAME SUBSCRIPTS AS CEILING MOUNTED)		
DLS	DAYLIGHT SENSOR		
DH	DAYLIGHT HARVESTING CONTROLLER		
PC	PHOTOCELL		
SP	SWITCHPACK		

NOTE: WALL MOUNTED SWITCHES SHALL BE 46" AFF TO CENTER OF DEVICE SWITCH DESIGNATIONS:

- 3 OR 4 = THREE WAY OR FOUR WAY
- K = KEYED LV = LOW VOLTAGE D = DIMMER SWITCH
- M = MOTOR RATED
- MC MOMENTARY CONTACT MT - MANUAL TIMER
- OS OCCUPANCY SENSOR O2 - OCCUPANCY SENSOR, DUAL CIRCUIT TYPE
- OB OCCUPANCY SENSOR, SINGLE CIRCUIT WITH AUXILIARY CONTACT FOR BMS INPUT
- DIGITAL TIMER - LOW TEMP VS - VACANCY SENSOR

SM - SURFACE MOUNTED

⊠r	COMBINATION STARTER/DISCONNECT - 5' AFF TO TOP OF BOX			
$\boxtimes$	MOTOR STARTER			
0	MOTOR			
R	RELAY			
<b>M</b>	METER			
<b>%</b>	FAN			
•	PUSH BUTTON			
SPD	SURGE PROTECTIVE DEVICE			
VFD	VARIABLE FREQUENCY DRIVE			
(CR)	CORD REEL, "C" = HUNG FROM CEILING			
PS	POWER SUPPLY			
TP	TELE-POWER POLE			
EPO	EMERGENCY POWER OFF BUTTON			
Ĥ	MUSHROOM SWITCH			
<b>⊕</b>	EQUIPMENT CONNECTION - REFER TO SCHEDULE			
LIGHTING FIXTURES				
	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE			
	LINEAR LIGHTING FIXTURE - SEE FIXTURE SCHEDULE			
	WALL MOUNTED LIGHTING FIXTURE - SEE FIXTURE SCHEDULE			
0	CEILING MOUNTED LIGHTING FIXTURE - SEE FIXTURE SCHEDULE			

<u> </u>	<b>©</b> <sub>D</sub>	DUCT DETECTOR - DEVICE BY ELECTRICAL CONTRACTOR			
11 11 1 PI 1 · · · · - · ·		E ALARM AUDIO INDICATING DEVICE - UNTING HEIGHT AS PER NFPA 72			
1		FIRE ALARM VISUAL INDICATING DEVICE - MOUNTING HEIGHT AS PER NFPA 72 WITH INTENSITY AS INDICATED			
╢		FIRE ALARM AUDIO/VISUAL INDICATING DEVICE - MOUNTING HEIGHT AS PER NFPA 72 WITH INTENSITY AS INDICATED			
╢	P	MANUAL PULL STATION - 42" AFF TO CENTER OF HANDLE			
FACP FIRE ALARM CONTROL PANEL - 6' AFF TO		FIRE ALARM CONTROL PANEL - 6' AFF TO TOP OF BOX			
$\parallel$	FAAP	FIRE ALARM ANNUNCIATOR PANEL - 6' AFF TO TOP OF BOX			
╢		ELECTRIC GONG - CONNECT TO 120V CIRCUIT AND FIRE ALARM SYSTEM			
AM ADDRESSABLE INTERFACE MODULE		ADDRESSABLE INTERFACE MODULE			
RTS		REMOTE TEST STATION			
<b>ה</b>	RACP	AREA OF RESCUE ASSISTANCE PANEL			
CITY KNOX BOX		CITY KNOX BOX			
	DH	MAGNETIC DOOR HOLD			
1	FS	FLOW SWITCH			
1	TS	TAMPER SWITCH			
1	PS	PRESSURE SWITCH			
	DEVICE DESIGNATIONS: # = INDICATES FIRE ALARM INTENSITY E = ELEVATOR RECALL CONTROLS WP = WEATHERPROOF				

RECEPTACLES

DUPLEX RECEPTACLE - NEMA 5-20R - WALL MOUNTED - FLUSH

DUPLEX RECEPTACLE - NEMA 5-20R - FLOOR MOUNTED - FLUSH

SINGLE RECEPTACLE - NEMA 5-20R - WALL MOUNTED - FLUSH

SPECIAL PURPOSE - SUBSCRIPT INDICATES NEMA TYPE -

DUPLEX RECEPTACLE - NEMA 5-20R - CEILING MOUNTED

DOUBLE DUPLEX RECEPTACLE - NEMA 5-20R - CEILING MOUNTED

SHOWN ON PLANS - (SEE SPECIFICATIONS)

NOTE: WALL MOUNTED DEVICES SHALL BE 18" AFF TO CENTER OF BOX, UNO.

H - MOUNT HORIZONTALLY 6" ABOVE SINK OR COUNTERTOP TO BOTTOM OF BOX

WP = WEATHER RESISTANT GROUND FAULT CIRCUIT INTERRUPTER WITH WEATHERPROOF

FIRE ALARM

AC - MOUNT 6" ABOVE SINK OR COUNTERTOP TO BOTTOM OF BOX

WALL MOUNTED - FLUSH

SYMBOL DESIGNATIONS:

CTL - CONTROLLED RECEPTACLE

WHILE-IN-USE COVER

HEAT DETECTOR

SMOKE DETECTOR

GF - GROUND FAULT CIRCUIT INTERRUPTER

CD - CORD DROP

F - FLOOR MOUNTED

IG - ISOLATED GROUND

SM - SURFACE MOUNTED

TS - TAMPER RESISTANT USB - USB CHARGER

SP - SURGE PROTECTED

# - CIRCUIT NUMBER

DOUBLE DUPLEX RECEPTACLE - NEMA 5-20R - WALL MOUNTED - FLUSH

DOUBLE DUPLEX RECEPTACLE - NEMA 5-20R - FLOOR MOUNTED - FLUSH

MULTI-SERVICE FLOORBOX - QUNTITY OF RECEPTACLES AND DATA JACKS

TWO GANG POWER WHIP BOX WITH BLANK STEEL COVER, WALL MOUNTED

FLOOR POKE-THRU - SUBSCRIPT INDICATES TYPE - (SEE SPECIFICATIONS)

TECHNOLOGY					
▼#	VOICE OUTLET - WALL MOUNTED - FLUSH				
$oldsymbol{ abla}^{\#}$	DATA OUTLET - WALL MOUNTED - FLUSH				
$oldsymbol{ abla}^{\#}$	VOICE/DATA OUTLET - (2) DATA JACKS & (1) VOICE JACK - WALL MOUNTED - FLUSH				
W	WIRELESS ACCESS POINT - CEILING MOUNTED (POWER OVER ETHERNET)				
<b>©</b>	DATA OUTLET CEILING MOUNTED				
V	VOICE/DATA POWER POLE				
WB	WHIP BOX				
TC	ELECTRONIC TIME CLOCK				
©	CLOCK				
VC	VOLUME CONTROL				
IC	INTERCOM STATION				
TV	CATV/ TV MONITOR OUTLET - WALL MOUNTED - FLUSH				
<b>S</b> *	CEILING MOUNTED SPEAKER (# SUBSCRIPT INDICATES PAGING ZONE)				
<b>©</b> #	WALL MOUNTED SPEAKER (# SUBSCRIPT INDICATES PAGING ZONE)				
<b>§</b> #	WALL MOUNTED SPEAKER (# SUBSCRIPT INDICATES PAGING ZONE)				

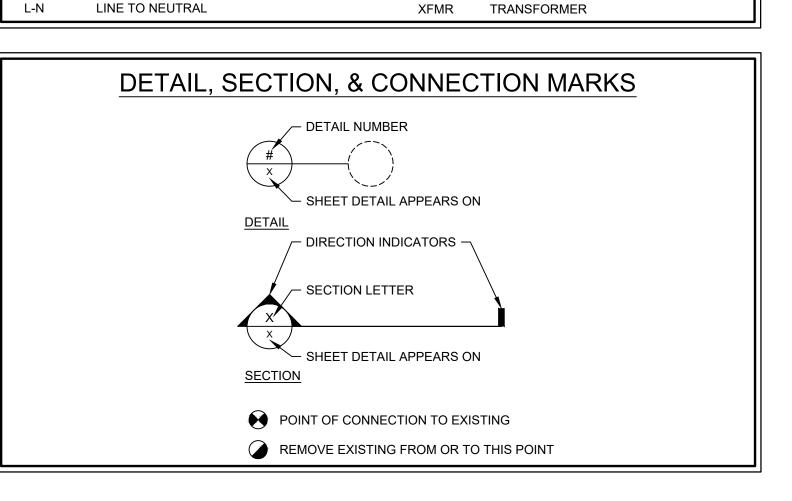
NOTE: WALL MOUNTED DEVICES SHALL BE 18" AFF TO CENTER OF BOX, UNO

- DEVICE DESIGNATIONS: AC - MOUNTED ABOVE COUNTER
- C CEILING MOUNTED F - FLOOR MOUNTED
- H MOUNTED HORIZONTALLY 6" ABOVE COUNTER TOP
- P PENDANT RVC - RECESSED VOLUME CONTROL
- VC VOLUME CONTROL W - WALL MOUNTED, 48" AFF TO CENTER # - NUMBER OF JACKS

			ABBREVIATIONS					
1								
4		A, AMP	AMPERE		MAX	MAXIMUM		
		ABN	ABANDON		MCB	MAIN CIRCUIT BREAKER		
		AC	ABOVE COUNTER		MCC	MOTOR CONTROL CENTER		
7		AFF	ABOVE FINISHED FLOOR		MDP	MAIN DISTRIBUTION PANEL		
		AFG	ABOVE FINISHED GRADE		MH	MANHOLE		
4		AIC	AMPERES INTERRUPTING CL		MIN	MINIMUM		
		ATS	AUTOMATIC TRANSFER SWIT	CH	MLO	MAIN LUG ONLY		
		AWG	AMERICAN WIRE GAUGE		MOV	METAL OXIDE VARISTOR		
					MOD	MOTOR OPERATED DAMPER		
		BFF	BELOW FINISHED FLOOR		MVA	MEGAVOLT AMPERES		
┥		BFG	BELOW FINISHED GRADE					
		BIL	BASIC IMPULSE LEVEL		NC	NORMALLY CLOSED		
		BLDG	BUILDING		NE	NORMAL EMERGENCY		
7					NEC	NATIONAL ELECTRICAL CODE		
		С	CONDUIT		NEMA	NATIONAL ELECTRICAL		
4		СВ	CIRCUIT BREAKER			MANUFACTURER'S ASSOCIATION		
		CONC	CONCRETE		NIC	NOT IN CONTRACT		
		CONN	CONNECTION		NO	NORMALLY OPEN		
7		CT	CURRENT TRANSFORMER		NTS	NOT TO SCALE		
		CU	COPPER					
4					OC	ON CENTER		
		DET	DETAIL		OH	OVERHEAD		
╛		DIA, Ø	DIAMETER					
		DN	DOWN					
		DWG	DRAWING		Р	POLE		
┪					PFFB	PROVISIONS FOR FUTURE BREAKER		
		E,(E)	ELECTRIC, ELECTRICAL		РН, ф	PHASE		
		EC	ELECTRICAL CONTRACTOR		PNL	PANEL		
		ELEV	ELEVATION		PT	POTENTIAL TRANSFORMER		
		EM,EMER	EMERGENCY		PVC	POLYVINYLCHLORIDE		
		EQUIP	EQUIPMENT					
		ETR	EXISTING TO REMAIN		REQ'D	REQUIRED		
		EX,EXIST	EXISTING		RGS	RIGID GALVANIZED STEEL		
		EXH	EXHAUST		RLA	RUNNING LOAD AMPS		
		EXT	EXTERNAL		RES	RESISTOR		
					RMC	RIGID METAL CONDUIT		
		FA	FIRE ALARM		RMS	ROOT MEAN SQUARE		
		FCU	FAN COIL UNIT		RPM	REVOLUTIONS PER MINUTE		
		FLA	FULL LOAD AMPERES		RX	REMOVE EXISTING		
		FLEX	FLEXIBLE					
		FLR	FLOOR		SA	SURGE ARRESTOR		
		FIN	FINISHED		SEC	SECOND		
		FT	FEET		SYM	SYMMETRICAL		
╝	]	FU	FUSE					
					T	TRANSFORMER		
7	1	GA	GAUGE		TEMP	TEMPERATURE		
		GALV	GALVANIZED		TC	TRIP COIL		
		GC	GENERAL CONTRACTOR		TRANS	TRANSFORMER		
┪		GEN	GENERATOR		TYP	TYPICAL		
		GR	GRADE					
4		GRD	GROUND		UG	UNDERGROUND		
					UH	UNIT HEATER		
		HP	HORSEPOWER		UNO	UNLESS NOTED OTHERWISE		
┪		HZ	HERTZ					
					V	VOLTS		
4		INT	INTERRUPTING		VAC	VOLTS ALTERNATING CURRENT		
					VM	VOLT METER		
_[		KA	KILO AMPERE		VP	VAPOR PROOF		
7		KCMIL	THOUSAND CIRCULAR MILS					
		KV	KILOVOLT		W	WIRE		
4		KVA	KILOVOLT AMPERES		WG	WIRE GUARD		
		KVAR	KILOVOLT AMPERES REACTIV	VΕ	W/	WITH		
		ΚW	KII OWATT		W/O	WITHOUT		

KILOWATT HOUR

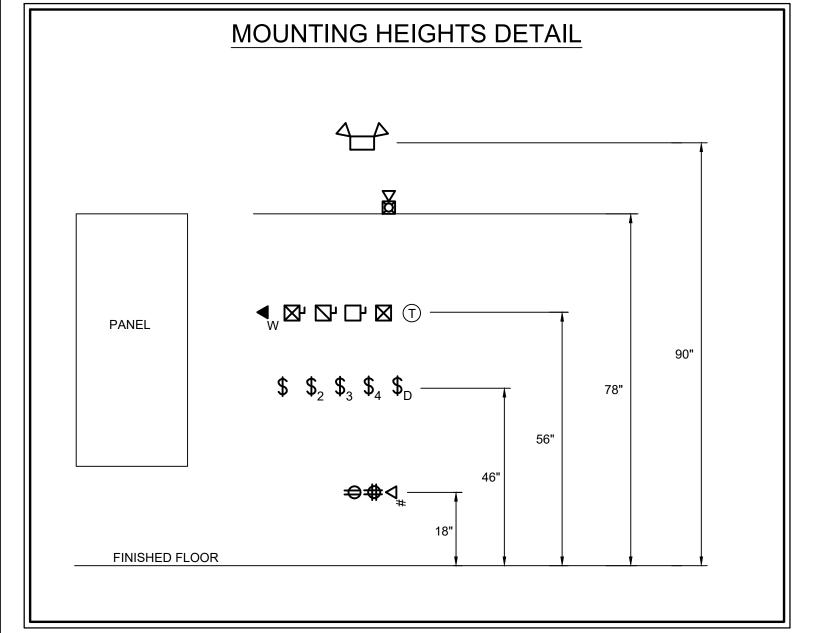
LIGHTNING ARRESTOR



WITHOUT

WEIGHT

WEATHERPROOF



#### **GENERAL NOTES:**

PROJECT CONDITIONS.

- G1. CONTRACTORS ARE URGED TO INSPECT THE SITE BEFORE SUBMITTING A BID PROPOSAL TO ENSURE KNOWLEDGE OF PROJECT REQUIREMENTS AND SITE CONDITIONS. IF NO CLARIFICATION IS REQUESTED, IT WILL BE CONSIDERED THAT THE CONTRACTORS ARE IN FULL UNDERSTANDING OF PROJECT REQUIREMENTS.
- G2. PROVIDE LABOR, SUPERVISION, EQUIPMENT, MATERIALS, AND SERVICES REQUIRED FOR THE COMPLETE INSTALLATION OF THIS WORK IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL CODES, AUTHORITIES HAVING JURISDICTION, AND STANDARDS INCLUDING BUT NOT LIMITED TO, ASHRAE, IBC, NEC, AND NFPA.
- G3. NOTHING CONTAINED IN THE SPECIFICATIONS OR SHOWN ON THE DRAWINGS SHALL BE CONSTRUED TO BE IN CONFLICT WITH ANY STATE OR LOCAL CODES, ORDINANCES
- G4. THE USE OF THE WORD "PROVIDE" SHALL MEAN TO FURNISH, INSTALL AND CONNECT, READY TO USE.
- G5. EQUIPMENT AND MATERIALS SHALL BE INSTALLED BY SKILLED TRADESMEN, FAMILIAR WITH THE COMPONENTS TO BE INSTALLED, AND IN ACCORDANCE WITH BEST PRACTICES OF THE INDUSTRY.
- G6. BECAUSE OF THE SMALL SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, AND ACCESSORIES THAT MAY BE REQUIRED. THIS CONTRACTOR SHALL CAREFULLY EXAMINE THE ARCHITECTURAL, STRUCTURAL, HEATING, VENTILATING AND AIR-CONDITIONING, ELECTRICAL, PLUMBING, AND OTHER PROJECT DOCUMENTS AS MAY BE NECESSARY FOR PROPER OPERATION OR INSTALLATION AND SHALL PROVIDE OFFSETS, FITTINGS, AND ACCESSORIES TO MEET
- G7. NO EXTRA COMPENSATION OR CHARGES WILL BE ACCEPTED DUE TO DIFFERENCES BETWEEN THE ACTUAL MEASUREMENTS AND THOSE INDICATED ON THE PLAN. THOROUGHLY COORDINATE WORK WITH SITE CONDITIONS AND OTHER TRADES, DETERMINE EXACT ROUTE AND LOCATION OF EACH DUCT, PIPE, CONDUIT, ETC. BEFORE FABRICATION AND INSTALLATION.
- G8. INSTALL WORK SUBSTANTIALLY AS INDICATED. VERIFY LOCATIONS AND ELEVATIONS ON JOB SITE; DO NOT DIRECTLY SCALE DRAWINGS. MAKE NECESSARY CHANGES IN ELEVATION, FITTINGS, OR OFFSETS TO ACCOMMODATE OBSTACLES OR INTERFERENCES.
- G9. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR DAMAGE TO THE BUILDING, PIPING OR EQUIPMENT THAT IS THE RESULT OF WORK FOR INSTALLATION OF THIS CONTRACT.
- G10. THE INSTALLING CONTRACTOR IS RESPONSIBLE FOR PATCH AND REPAIR OF ALL SURFACES TO MATCH EXISTING MATERIALS AND ADJACENT FINISHES ASSOCIATED WITH INSTALLATION/REMOVAL OF THIS WORK UNLESS SPECIFICALLY NOTED OTHERWISE.
- G11. WORK SHALL BE COMPLETED TO MAINTAIN ALL NECESSARY AND REQUIRED CLEARANCES, ACCESSES, AND OPENINGS, SUCH THAT FULL FUNCTIONALITY, PROPER OPERATION, AND REPAIR AND MAINTENANCE ARE ENSURED.
- G12. WHERE DEVICE HEIGHT OCCURS AT POINT OF CHANGE OF FINISH, THE DEVICE HEIGHT SHALL BE ADJUSTED TO OCCUR IN ONE FINISH. ENSURE RESULTING HEIGHT
- DOES NOT EXCEED ADA REQUIREMENTS. G13. WHERE DEVICE OCCURS IN BRICK, TILE, OR BLOCK WALLS, THEY SHALL BE MOUNTED AT A VERTICAL MASONRY JOINT & IN EITHER THE TOP OR BOTTOM HORIZONTAL JOINT, CLOSEST TO THE MOUNTING HEIGHT. ENSURE RESULTING HEIGHT DOES NOT EXCEED ADA REQUIREMENTS.
- G14. UNLESS OTHERWISE NOTED, ALL MOUNTING HEIGHT DIMENSIONS LISTED ARE TO THE CENTER LINE OF THE WALL BOX OR DEVICE.
- G15. ALL ELECTRICAL MATERIALS, DEVICES, APPLIANCES, AND EQUIPMENT SHALL BE LABELED AND LISTED BY A CERTIFIED TESTING LABORATORY OR AGENCY.
- G16. DRAWINGS REPRESENT THE SCOPE OF WORK IN GENERAL ARRANGEMENT FORM AND ARE INTENDED TO SHOW GENERAL ROUTING AND REQUIRED SIZES/CAPACITIES OF SYSTEM COMPONENTS.
- G17. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF MECHANICAL EQUIPMENT/THERMOSTATS WITH MECHANICAL DRAWINGS AND THE ARCHITECT.
- G18. A REPORT ON THE PRESENCE OF HAZARDOUS MATERIALS IS ON FILE FOR REFERENCE AND USE. EXAMINE REPORT TO BECOME AWARE OF LOCATIONS WHERE HAZARDOUS MATERIALS ARE PRESENT. DO NOT DISTURB HAZARDOUS MATERIALS OR ITEMS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS EXCEPT UNDER PROCEDURES SPECIFIED ELSEWHERE IN THE CONTRACT DOCUMENTS. IF SUSPECTED HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB; IMMEDIATELY NOTIFY ARCHITECT AND OWNER. HAZARDOUS MATERIALS WILL BE REMOVED BY OWNER UNDER A SEPARATE CONTRACT.
- G19. COORDINATE ALL WORK WITH WORK BEING PROVIDED UNDER SEPARATE OWNER/VENDOR CONTRACTS (FIRE ALARM SYSTEM, SECURITY SYSTEM, ETC.).



**KEY PLAN** 

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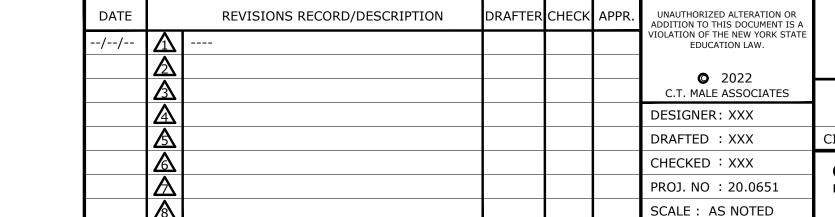
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**ELECTRICAL COVER SHEET** 

MONTGOMERY COUNTY DSS GENERATOR UPGRADE

1 VENNER ROAD, AMSTERDAM, NY 12010 MONTGOMERY COUNTY, NEW YORK CITY OF AMSTERDAM

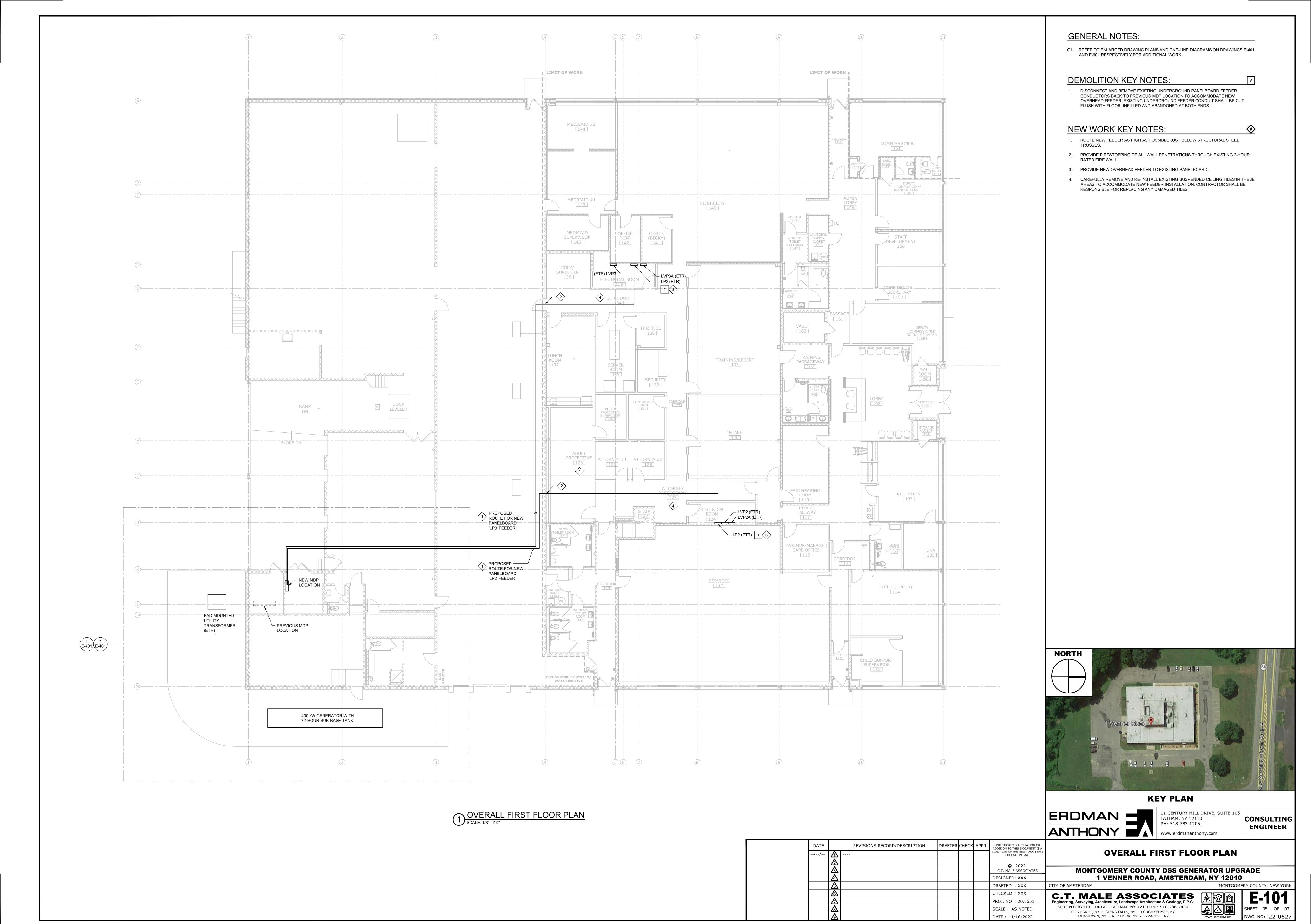
SHEET 04 OF 07 DWG. NO: 22-0627

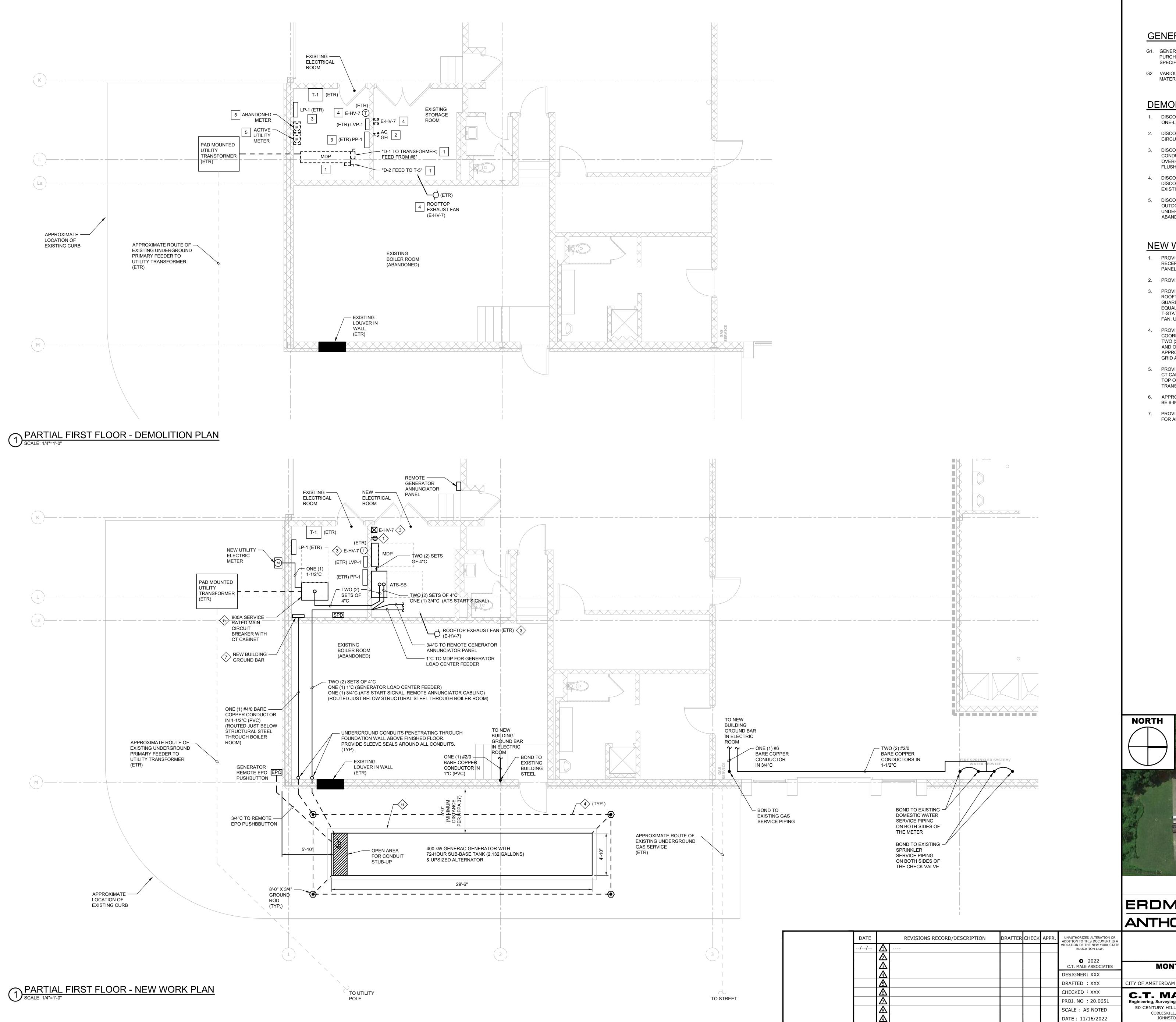


C.T. MALE ASSOCIATES Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.

DATE: 11/16/2022

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## **GENERAL NOTES:**

- G1. GENERATOR AND ASSOCIATED AUTOMATIC TRANSFER SWITCH (ATS) SHALL BE PURCHASED BY OWNER AND INSTALLED BY ELECTRICAL CONTRACTOR. REFER TO SPECIFICATIONS FOR MORE INFORMATION REGARDING DIVISION OF WORK.
- G2. VARIOUS PIECES OF EQUIPMENT IN BOILER ROOM CONTAIN ASBESTOS CONTAINING MATERIALS THAT SHALL NOT BE DISTURBED BY THIS PROJECT.

#### **DEMOLITION KEY NOTES:**

- 1. DISCONNECT AND REMOVE EXISTING MDP AND ATTACHED DISCONNECTS. REFER TO ONE-LINE DIAGRAMS FOR ADDITIONAL WORK.
- 2. DISCONNECT AND REMOVE EXISTING RECEPTACLE AND ASSOCIATED BRANCH CIRCUITING BACK TO SOURCE.
- 3. DISCONNECT AND REMOVE EXISTING UNDERGROUND PANELBOARD FEEDER CONDUCTORS BACK TO EXISTING MDP LOCATION TO ACCOMMODATE NEW OVERHEAD FEEDER. EXISTING UNDERGROUND FEEDER CONDUIT SHALL BE CUT FLUSH WITH FLOOR, INFILLED AND ABANDONED AT BOTH ENDS.
- 4. DISCONNECT AND REMOVE EXISTING ROOFTOP EXHAUST FAN STARTER.
  DISCONNECT AND REMOVE ASSOCIATED BRANCH CIRCUITING BACK TO SOURCE.
  EXISTING THERMOSTAT IN ELECTRICAL ROOM SHALL REMAIN FOR REUSE.
- 5. DISCONNECT AND REMOVE EXISTING METER CABINETS TO ACCOMMODATE NEW OUTDOOR METER. COORDINATE REMOVAL WITH UTILITY COMPANY. EXISTING UNDERGROUND CONDUITS SHALL BE CUT FLUSH WITH FLOOR, INFILLED AND ABANDONED AT BOTH ENDS.

#### NEW WORK KEY NOTES:



- PROVIDE SURFACE MOUNTED, NEMA 5-20R, COMMERCIAL GRADE, DUPLEX
  RECEPTACLE ADJACENT TO NEW MDP AND CONNECT TO SPARE CIRCUIT BREAKER IN
  PANELBOARD 'LVP1'.
- 2. PROVIDE NEW OVERHEAD FEEDER TO EXISTING PANELBOARD.
- 3. PROVIDE NEW NEMA 1, 115V, 1-POLE, MANUAL MOTOR STARTER FOR EXISTING ROOFTOP EXHAUST FAN. STARTER SHALL BE PROVIDED WITH PILOT LIGHT, HANDLE GUARD/LOCK-OFF & THERMAL OVERLOADS (SQUARE D #2510FG5P OR APPROVED EQUAL). PROVIDE NEW BRANCH CIRCUITING BETWEEN EXISTING LINE VOLTAGE T-STAT AND NEW STARTER AND BETWEEN NEW STARTER AND EXISTING EXHAUST FAN. UTILIZE 2#12, 1#12 GND. IN 3/4"C FOR BRANCH CIRCUITING.
- PROVIDE NEW #4/0 GROUNDING GRID IN GRASS AREA AROUND GENERATOR.
  COORDINATE EXACT LOCATION WITH EXISTING UNDERGROUND SERVICES. PROVIDE
  TWO (2) #4/0 CONNECTIONS FROM GRID TO GENERATOR GROUND BAR AND FRAME
  AND ONE (1) #4/0 GROUND TO NEW GROUND BAR IN ELECTRICAL ROOM. BURY GRID
  APPROX. 36-INCHES BELOW GRADE. PROVIDE GROUND RODS AT EACH CORNER OF
  GRID AS SHOWN.
- PROVIDE NEW SERVICE ENTRANCE RATED ENCLOSED MAIN CIRCUIT BREAKER WITH CT CABINET AT PREVIOUS MDP LOCATION. BREAKER SHALL BE POSITIONED OVER TOP OF EXISTING SECONDARY FEEDER STUB-UP CONDUITS FROM FROM EXTERIOR TRANSFORMER.
- 6. APPROXIMATE SIZE OF GENERATOR PAD (FOR REFERENCE ONLY). FINAL SIZE SHALL BE 6-INCH WIDER THAN BASE TANK.
- 7. PROVIDE NEW WALL MOUNTED BUILDING GROUND BAR. REFER TO DETAIL 3/E-601 FOR ADDITIONAL REQUIREMENTS.



**KEY PLAN** 

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# **ENLARGED FIRST FLOOR PLANS**

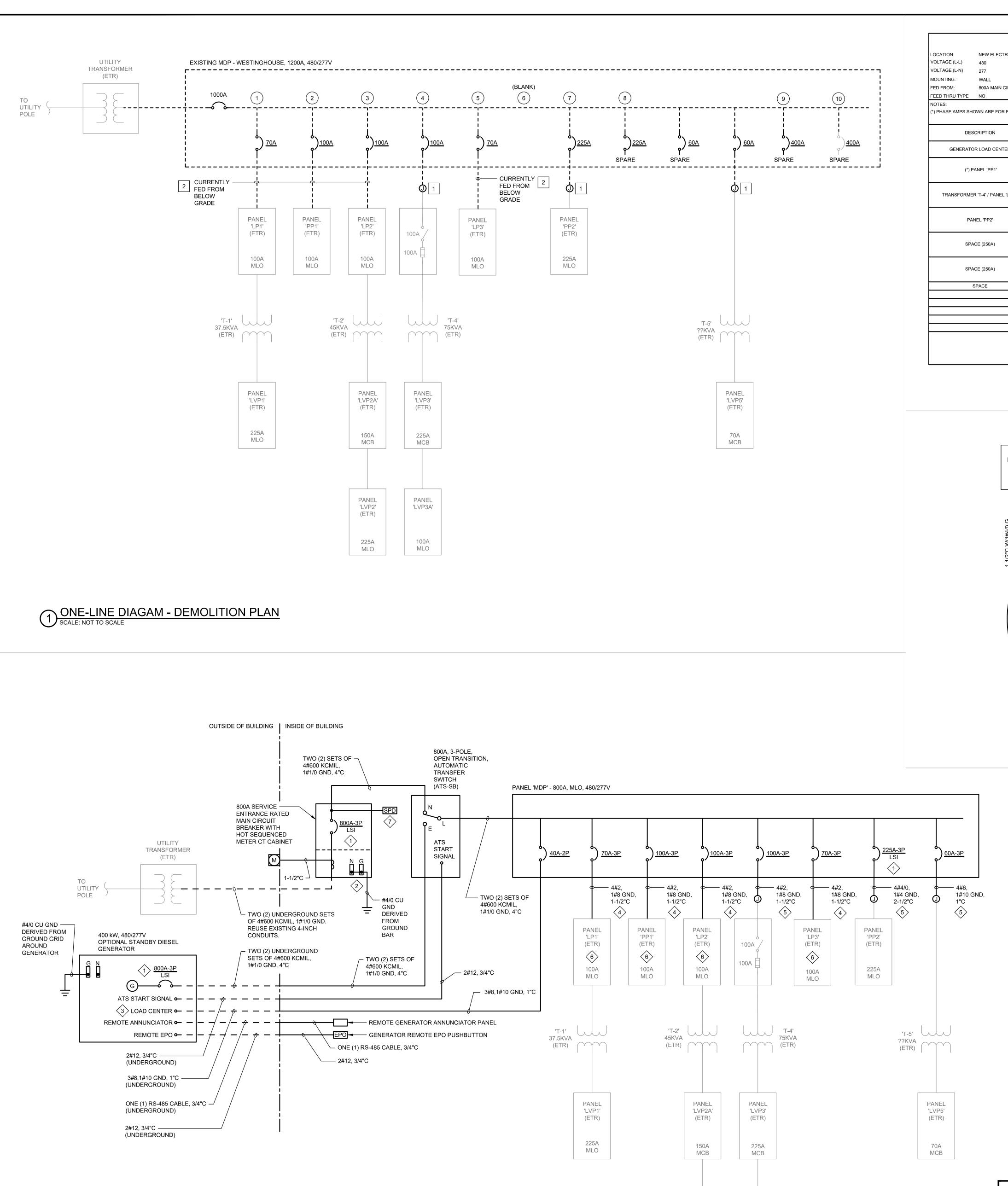
MONTGOMERY COUNTY DSS GENERATOR UPGRADE

1 VENNER ROAD, AMSTERDAM, NY 12010

MONTGOMERY COUNTY, NEW YORK

C.T. MALE ASSOCIATES
Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.
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**E-401**SHEET 06 OF 07
DWG. NO: 22-0627



ONE-LINE DIAGAM - NEW WORK PLAN
SCALE: NOT TO SCALE

PANEL

'LVP2'

(ETR)

225A

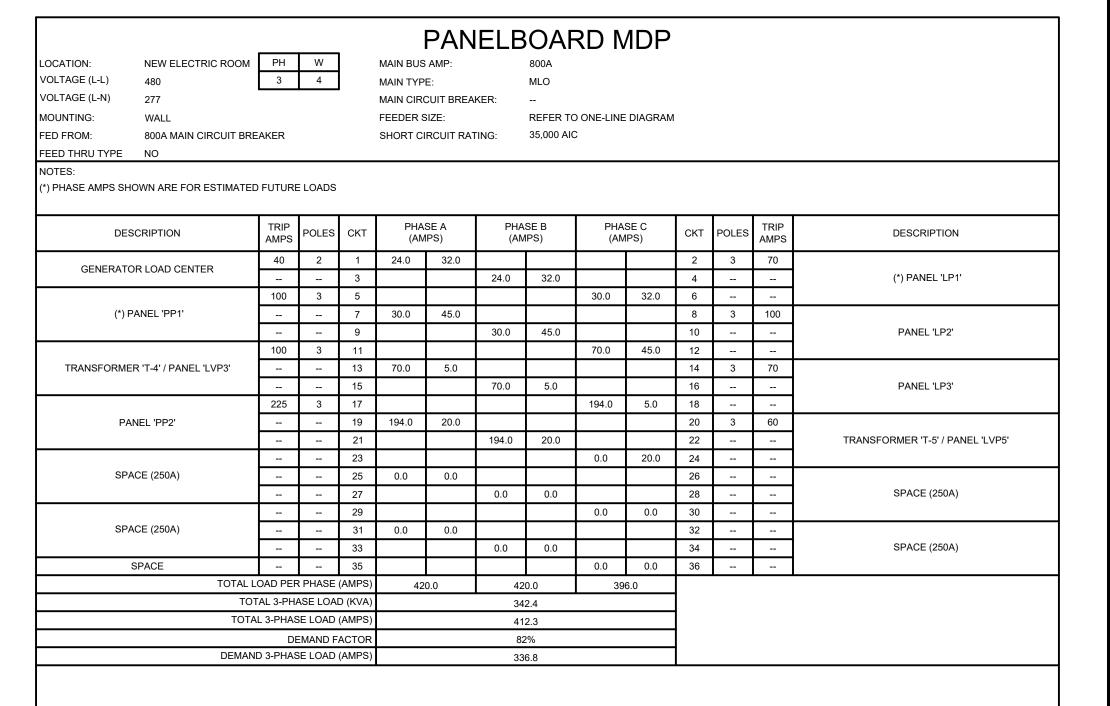
MLO

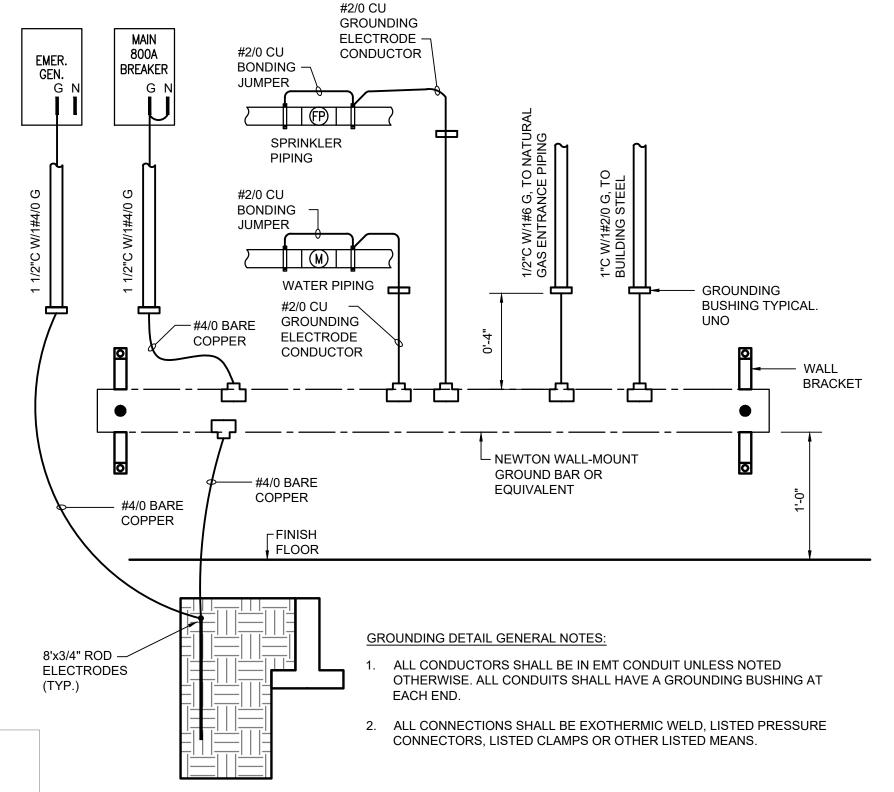
PANEL

'LVP3A'

100A

MLO





3 SYSTEM GROUNDING & BONDING DETAIL
SCALE: NOT TO SCALE

REVISIONS RECORD/DESCRIPTION

## **GENERAL NOTES:**

- G1. GENERATOR AND ASSOCIATED ATS SHALL BE PURCHASED BY OWNER AND INSTALLED BY ELECTRICAL CONTRACTOR. REFER TO SPECIFICATIONS FOR MORE
- G2. CONTRACTOR SHALL VERIFY ALL EXISTING CIRCUIT BREAKER AND FEEDER SIZES PRIOR TO PERFORMING WORK.

#### **DEMOLITION KEY NOTES:**

INFORMATION REGARDING DIVISION OF WORK.

- 1. DISCONNECT EXISTING OVERHEAD FEEDER FROM MDP. REMOVE FEEDER BACK TO CEILING AREA AND PROVIDE JUNCTION BOX TO ALLOW FOR EXTENSION TO NEW MDP.
- 2. DISCONNECT AND REMOVE EXISTING UNDERGROUND FEEDER BETWEEN MDP AND PANELBOARD.

#### NEW WORK KEY NOTES:

- PROVIDE ADJUSTABLE CIRCUIT BREAKER.
- 2. BOND NEUTRAL AND GROUND.
- 3. LOAD CENTER SHALL FEED ALL FACTORY MOUNTED PERIPHERAL DEVICES ON GENERATOR (I.E. GFI RECEPTACLE, BATTERY CHARGER, FUEL LEVEL ALARM SYSTEM, ETC.). FEEDER SIZE IS BASED ON ANTICIPATED LOAD, NOT BUS RATING OF LOAD
- 4. PROVIDE NEW OVERHEAD FEEDER TO EXISTING PANELBOARD.
- 5. EXTEND AND CONNECT EXISTING FEEDER TO NEW MDP.
- 6. PROVIDE NEW GROUND BAR IN EXISTING PANEL
- 7. PROVIDE REMOTE SURGE PROTECTION DEVICE.



# **KEY PLAN**

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EDUCATION LAW.

**O** 2022

C.T. MALE ASSOCIATES

DESIGNER: XXX

DRAFTED : XXX

CHECKED : XXX

PROJ. NO: 20.0651

SCALE: AS NOTED

DATE: 11/16/2022

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# **ONE-LINE DIAGRAMS**

MONTGOMERY COUNTY DSS GENERATOR UPGRADE

1 VENNER ROAD, AMSTERDAM, NY 12010
CITY OF AMSTERDAM MONTGOMERY COUNTY, NEW YORK

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E-601

SHEET 07 OF 07

DWG. NO: 22-0627