



MONTGOMERY COUNTY DSS GENERATOR UPGRADE 1 VENNER ROAD, AMSTERDAM, NY 12010 CONSTRUCTION DRAWINGS - 11/16/22

16-21

MONTGOMERY COUNTY BID

MONTGOMERY COUNTY

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

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COUNTY EXECUTIVE

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CHAIRMAN OF THE LEGISLATURE

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MONTGOMERY COUNTY PURCHASING
JACLYN HERNIGLE
PURCHASING BUYER

DEPARTMENT OF PUBLIC WORKS
ERIC M. MEAD
COMMISSIONER OF PUBLIC WORKS



SITE LOCATION MAP

ARCHITECTURAL ABBREVIATIONS

THIS ABBREVIATION LIST IS A STANDARD AND NOT ALL ABBREVIATIONS ARE NECESSARILY USED ON THIS PROJECT

AT CENTERLINE	CT CERAMIC TILE	EXIST EXISTING	GWB GYPSUM WALL BOARD	MIR MIRROR	REIN REINFORCED
CL or DIA of DIAMETER	CO CLEAN OUT	ETR EXISTING TO REMAIN	HCP HANDICAPPED	ETR MISCELLANEOUS	REL RELOCATE RISER
# NUMBER OR POUND	CLB CLEAR	EXB EXISTING BUILDING CODE OF NEW YORK STATE	HDWR HARDWARE	MR-GWB MOISTURE RESISTANT GYPSUM WALL BOARD	REMO REMOVE
AB ABOVE	CCTV CLOSED CIRCUIT TELEVISION	EXP EXPANSION	HVAC HEATING, VENTILATING & AIR CONDITIONING	MTD MOUNTED	REQD REQUIRED
AFB ABOVE FINISH FLOOR	CLOS CLOSET	EJ EXPANSION JOINT	HD HEAVY DUTY	NUL MULLION	RCP REFLECTED CEILING PLAN
AP ACCESS PANEL	COL COLUMN	EXPO EXPOSED	HGT HEIGHT	NFA NATIONAL FIRE PROTECTION ASSOCIATION	RM ROOM
ACT ACoustICAL CEILING TILE	CONC CONCRETE	EXT EXTERIOR	H HIGH	(N) NEW	RO ROUGH OPENING
ADJ ADJUSTABLE	CMU CONCRETE MASONRY UNIT	CON CONNECTION	HC HOLLOW CORE	NRC NOISE REDUCTION COEFFICIENT	SJ SAWCUT JOINT
AGG AGGREGATE	CONN CONNECTION	FO FACE OF	HM HOLLOW METAL	NOM NOMINAL	SCHD SCHEDULE
ALT ALTERNATE	CONT CONTINUOUS	FOC FACE OF CONCRETE	ID INSIDE DIAMETER	INT NOT IN CONTRACT	SECT SECTION
ALUM ALUMINUM	CONJ CONTROL JOINT	INT INTERIOR	INSUL INSULATION	NTS NOT TO SCALE	SHT SHEET
ATB ALUMINUM T-BAR GRID	COORD COORDINATE	FOM FACE OF MASONRY	INT INTERIOR	NO NUMBER	SL SIMILAR
AB ANCHOR BOLT	CORR CORRIDOR	FOS FACE OF STUD	INT INTERNATIONAL BUILDING CODE	OFF OFFICE	STC SOUND TRANSMISSION CLASS
ANC ANCHOR	CYL CYLINDER	FM FACTORY MUTUAL	IBC INTERNATIONAL BUILDING CODE	OC ON CENTER	SQ SQUARE
APPROX APPROXIMATELY	DI DE-IONIZED	FFU FAN FILTER UNIT	JT JOINT	OPG OPENING	SF SQUARE FEET
AD AREA DRAIN	DET DETAIL	FA FIRE ALARM	JST JOIST	OPP OPPOSITE	SS STAINLESS STEEL
ACM ASBESTOS CONTAINING MATERIAL	Ø DIAMETER	FG FINISH	L LAMINATE	OA OVER ALL	STA STATION
BSMT BASEMENT	DEPT DEPARTMENT	FD FIRE DEPT. CONN.	LVL LENGTH	OH OVERHEAD	STOR STORAGE
BRG BEARING	DISP DISPENSER	FE FIRE EXTINGUISHER	LT LIGHT	OPCI OWNER PROVIDED, CONTRACTOR INSTALLED	STRUC STRUCTURAL
BM BEAM	DO DR DOOR OPENING	FEC FIRE EXTINGUISHER CABINET	LL/LA LIMITED USE/LIMITED APPLICATION	OPRI OWNER PROVIDED, OWNER INSTALLED	SL STRUCTURAL LEVEL
B.M. BENCHMARK	DBL DOUBLE	FHC FIRE HOSE CONNECTION	LF LINEAL FEET	PTD PAINTED	SYM SYMMETRICAL
BFF BELOW FINISH FLOOR	DN DOWN	FH FIRE HYDRANT	LK LOCKER	PR PAIR	THK THICKNESS
BITUM BITUMINOUS	DS DOWNSPOUT	FR FIRE RESISTIVE	LL LONG LEG HORIZONTAL	PTN PARTITION	THRES THRESHOLD
BULK BLOCK	DWR DRAWER	FLM FLAMMABLE	LLV LONG LEG VERTICAL	PLAST PLASTIC	T.O. TOP OF
BD BOARD	DWG DRAWING	FLASH FLASHING	LB LUMEN	PLAS PLASTIC or PLASTER	TYP TYPICAL
B.O. BOTTOM OF	EA EACH	FLOOR FLOOR	MAN MANHOLE	P LAM PLASTIC LAMINATE	UL UNDERWRITERS LABORATORY
BOT BOTTOM	E EACH WAY	FLR FLOOR JOIST	MFR MANUFACTURER	P LAM PLASTIC LAMINATE	UNO UNLESS NOTED OTHERWISE
BLDG BUILDING	EW EAST	FLUOR FLUORESCENT	MAS MASONRY	PLATE PLATE	VIF VERIFY IN FIELD
BCNYS BUILDING CODE OF NEW YORK STATE	EA EACH	FOOT OF FEET	MO MASONRY OPENING	PLNG PLUMBING	VERT VERTICAL
CAB CABINET	ELEC ELECTRICAL	FT FOOTING	MAT MATERIAL	PC PLUMBING CONTRACTOR	WT WEIGHT
CAR CARPET	EL CAST IRON	FND FOUNDATION	MAX MAXIMUM	PCNYS PLUMBING CODE OF NEW YORK STATE	WWM WELDED WIRE MESH
CB CATCH BASIN	ELEV ELEVATION	FUR FURRING	MECH MECHANICAL	PLWD PLYWOOD	W/O WITHOUT
CLG CAULKING	EMER EMERGENCY	(F) FUTURE	MC MECHANICAL CONTRACTOR	PT POINT OR PRESSURE TREATED	WD WOOD
CLG CEILING	ENCL ENCLOSED	GA GALVANIZED	MTL METAL	PSF POUNDS PER SQUARE FOOT	
CEM CEMENT	EP EPOXY	GAU GAUGE OR GYPSUM ASSOCIATION	MTL PNL METAL PANEL	PSI POUNDS PER SQUARE INCH	
CTR CENTER	EQ EQUIP	GL GLASS	M METER	QTY QUANTITY	
CL CENTER LINE	EXH EXHAUST	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	

DRAWING LIST

SHEET DESCRIPTION	SHEET TITLE	SHEET NUMBER
GENERAL		
G-001	COVER PAGE	01
ARCHITECTURAL		
AE-101	EXISTING FLOOR PLAN	02
A-101	NEW GENERATOR PAD LAYOUT	03
ELECTRICAL		
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



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CONSULTING ENGINEER

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C.T. MALE ASSOCIATES

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 HIS SEAL AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION, ARCHITECTURE COMMISSIONER'S REGULATIONS PART 69.5.

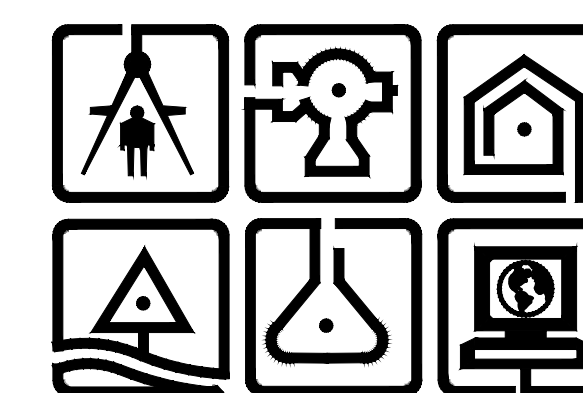
WARNING: IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION, PROFESSIONAL ENGINEERING AND LAND SURVEYING - ART. 145, SECTION 7209.

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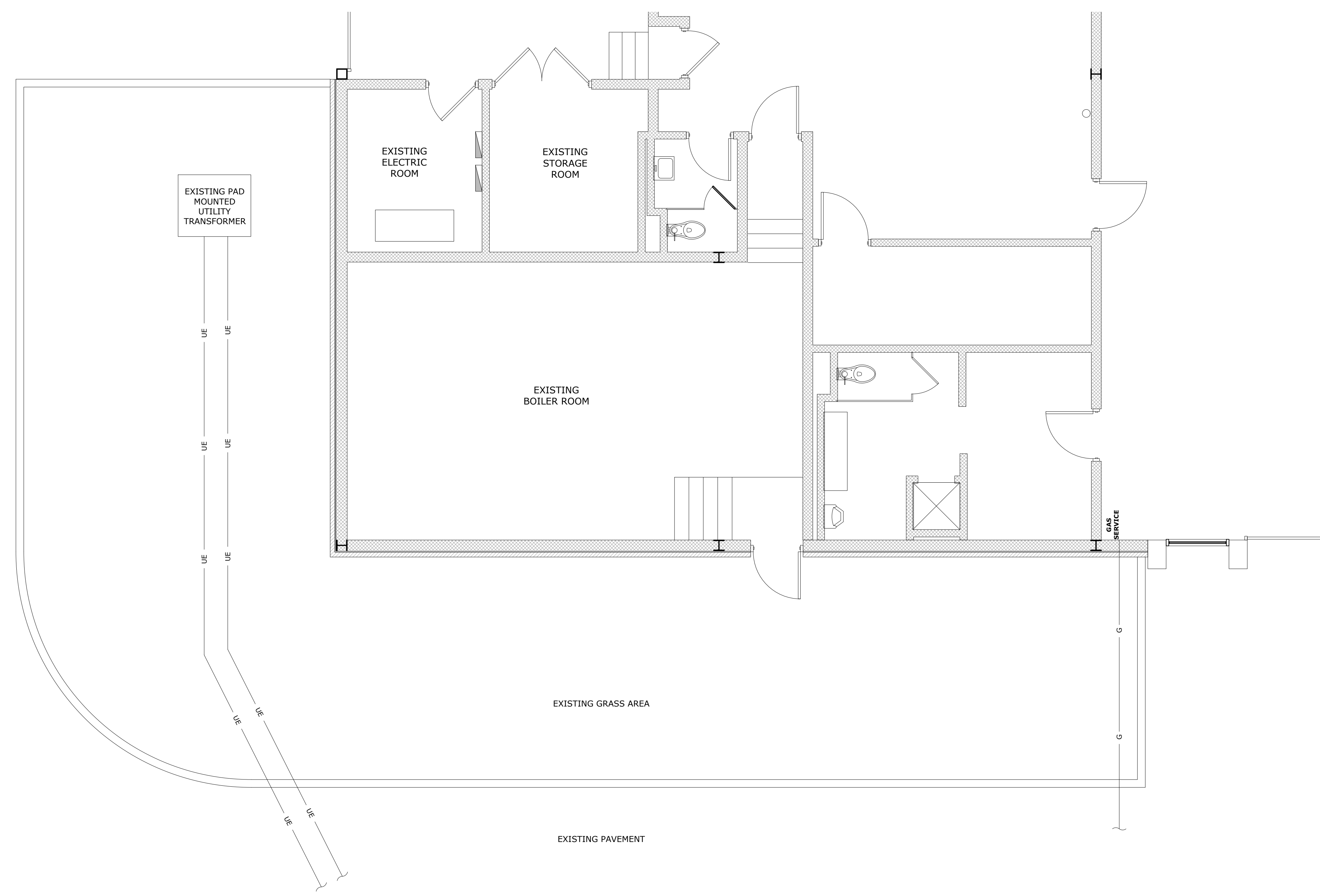


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PROJECT NO. 20.0651
DRAWING NO. 22-0627

G-001

SHEET 01 OF 07



1 EXISTING PARTIAL SITE AND BUILDING PLAN
 SCALE: 1/4" = 1'-0"
 CROSS REFERENCE: NONE



SELECTIVE DEMOLITION NOTES:

- OWNER SHALL CLEAR WORK AREA OF ALL FURNISHINGS, FIXTURES, AND EQUIPMENT IN SELECTIVE DEMOLITION AREAS PRIOR TO COMMENCEMENT OF THE WORK.
- THE CONTRACTOR SHALL SUBMIT A SCHEDULE OF SELECTIVE DEMOLITION ACTIVITIES. INDICATE THE FOLLOWING:
 - DETAILED SEQUENCE OF SELECTIVE DEMOLITION AND REMOVAL WORK, WITH STARTING AND ENDING DATES FOR EACH ACTIVITY. ENSURE OWNER'S ON-SITE OPERATIONS ARE UNINTERRUPTED.
 - INTERRUPTION OF UTILITY SERVICES. INDICATE HOW LONG UTILITY SERVICES WILL BE INTERRUPTED.
 - COORDINATION FOR SHUTOFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES.
 - LOCATIONS OF PROPOSED DUST- AND NOISE-CONTROL TEMPORARY PARTITIONS AND MEANS OF EGRESS.
 - COORDINATION OF OWNER'S CONTINUING OCCUPANCY OF PORTIONS OF EXISTING BUILDING AND OF OWNER'S PARTIAL OCCUPANCY OF COMPLETED WORK.
 - MEANS OF PROTECTION FOR ITEMS TO REMAIN AND ITEMS IN PATH OF WASTE REMOVAL FROM BUILDING.
- THE BUILDING WILL REMAIN UN-OCCUPIED DURING CONSTRUCTION ACTIVITIES
- PRE-DEMOLITION CONFERENCE: CONDUCT CONFERENCE AT PROJECT SITE. REVIEW METHODS AND PROCEDURES RELATED TO SELECTIVE DEMOLITION INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
 - INSPECT AND DISCUSS CONDITION OF CONSTRUCTION TO BE SELECTIVELY DEMOLISHED.
 - REVIEW STRUCTURAL LOAD LIMITATIONS OF EXISTING STRUCTURE.
 - REVIEW AND FINALIZE SELECTIVE DEMOLITION SCHEDULE AND VERIFY AVAILABILITY OF MATERIALS, DEMOLITION PERSONNEL, EQUIPMENT, AND FACILITIES NEEDED TO MAKE PROGRESS AND AVOID DELAYS.
 - REVIEW REQUIREMENTS OF WORK PERFORMED BY OTHER TRADES THAT RELY ON SUBSTRATES EXPOSED BY SELECTIVE DEMOLITION OPERATIONS.
 - REVIEW AREAS WHERE EXISTING CONSTRUCTION IS TO REMAIN AND REQUIRES PROTECTION.
- 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.
- 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.
- 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.
- 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.
- DAMAGE TO ADJACENT CONSTRUCTION DURING DEMOLITION MUST BE REPAIRED AND RESTORED IMMEDIATELY BY THE DEMOLITION CONTRACTOR.

GENERAL DEMOLITION NOTES

- 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 REASONS.
- REMOVAL OF HAZARDOUS MATERIALS ARE NOT ANTICIPATED. IF OTHER SUSPECTED HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB; IMMEDIATELY NOTIFY THE OWNER.
- 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.
- 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.
- 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.
- 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:

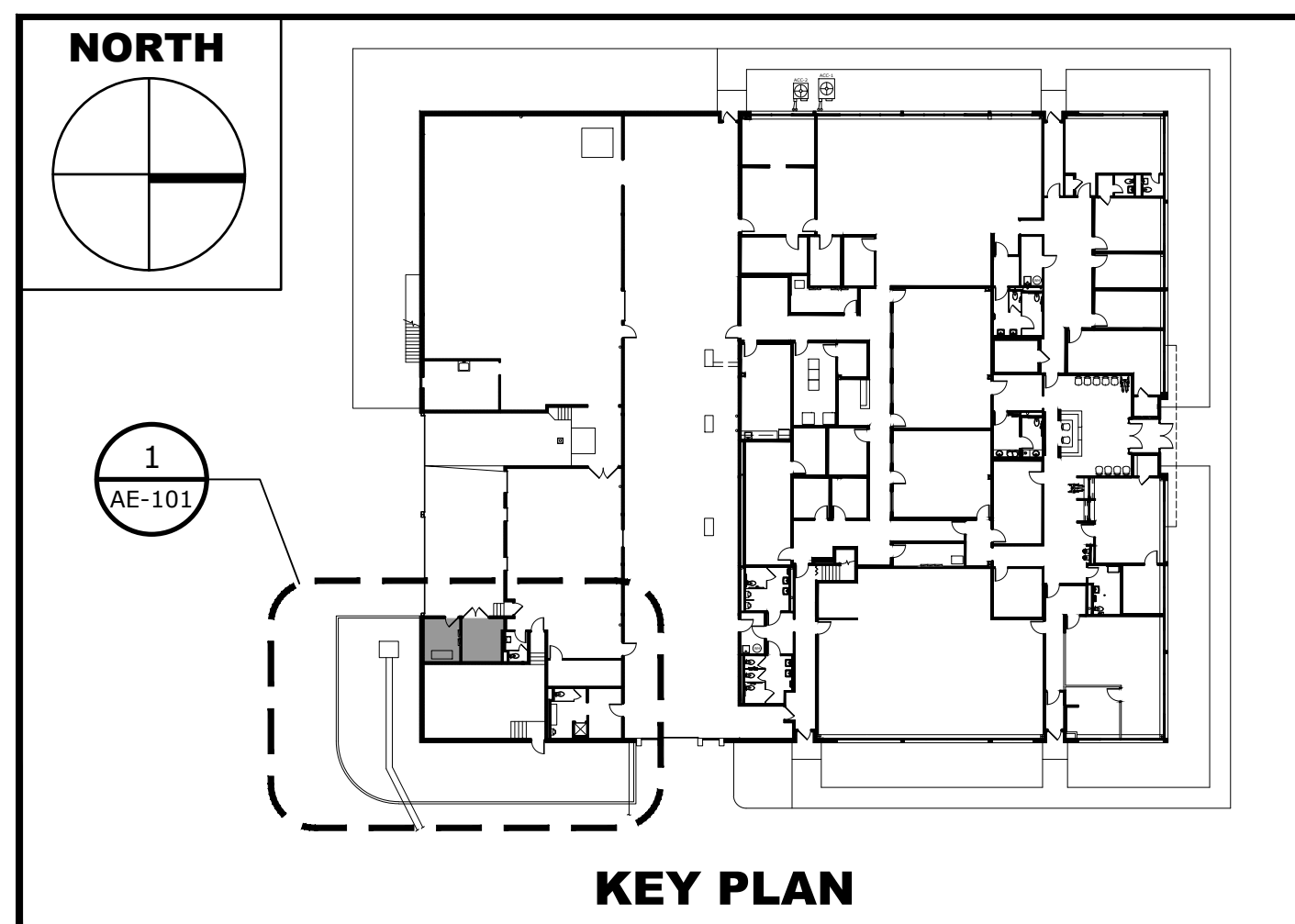
- BEFORE THE INSTALLATION OF NEW MATERIALS BEGINS, AN INSPECTION OF THE REMAINING CONSTRUCTION SHOULD BE PERFORMED. SECURE, REBUILD, AND RECTIFY REMAINING CONSTRUCTION THAT IS FOUND TO BE WEAKENED, DAMAGED, OR OTHERWISE UNSUITABLE TO RECEIVE NEW WORK.
- RETURN ELEMENTS OF CONSTRUCTION AND SURFACES THAT 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.
- 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.
- REFER TO MECHANICAL AND ELECTRICAL DRAWING SHEETS FOR REMOVALS SPECIFIC TO CONTRACT 2 & 3 DEMOLITION WORK. COORDINATE REMOVAL REQUIREMENTS WITH RESPECTIVE TRADES.
- 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.
- 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.
- 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.
- DO NOT CLOSE OR OBSTRUCT WALKWAYS, CORRIDORS, OR OTHER OCCUPIED OR USED FACILITIES WITHOUT WRITTEN PERMISSION FROM AUTHORITIES HAVING JURISDICTION.

DEFINITIONS

- REMOVE:** DETACH ITEMS FROM EXISTING CONSTRUCTION AND DISPOSE OF THEM OFF-SITE UNLESS INDICATED TO BE SALVAGED OR REINSTALLED.
- REMOVE AND SALVAGE:** DETACH ITEMS FROM EXISTING CONSTRUCTION, IN A MANNER TO PREVENT DAMAGE, AND DELIVER TO OWNER READY FOR REUSE.
- REMOVE AND REINSTALL:** DETACH ITEMS FROM EXISTING CONSTRUCTION, IN A MANNER TO PREVENT DAMAGE, PREPARE FOR REUSE, AND REINSTALL WHERE INDICATED.
- EXISTING TO REMAIN:** LEAVE EXISTING ITEMS THAT ARE NOT TO BE REMOVED AND THAT ARE NOT OTHERWISE INDICATED TO BE SALVAGED OR REINSTALLED.
- DISMANTLE:** TO REMOVE BY DISASSEMBLING OR DETACHING AN ITEM FROM A SURFACE, USING GENTLE METHODS AND EQUIPMENT TO PREVENT DAMAGE TO THE ITEM AND SURFACES; DISPOSING OF ITEMS UNLESS INDICATED TO BE SALVAGED OR REINSTALLED.

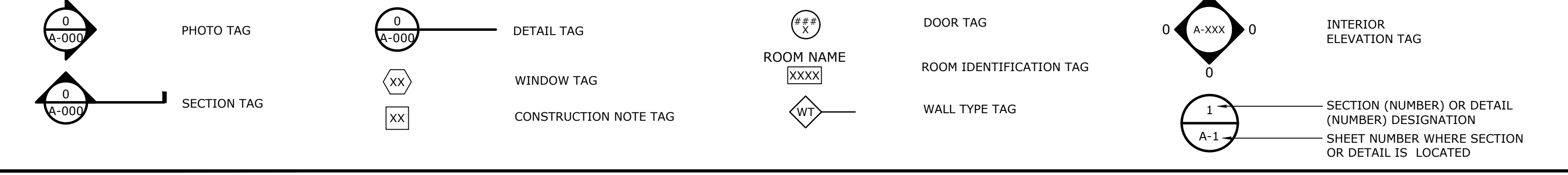
LEGEND

- G — EXISTING UNDERGROUND GAS LINE
- UE — EXISTING UNDERGROUND ELECTRIC LINE



EXISTING FLOOR PLAN

ARCHITECTURAL SYMBOLS LIST



CHRISTOPHER M. SHAVER
P.E. NO. 071071

NICHOLAS M. LOBOSCO
R.A. NO. 034280

DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.

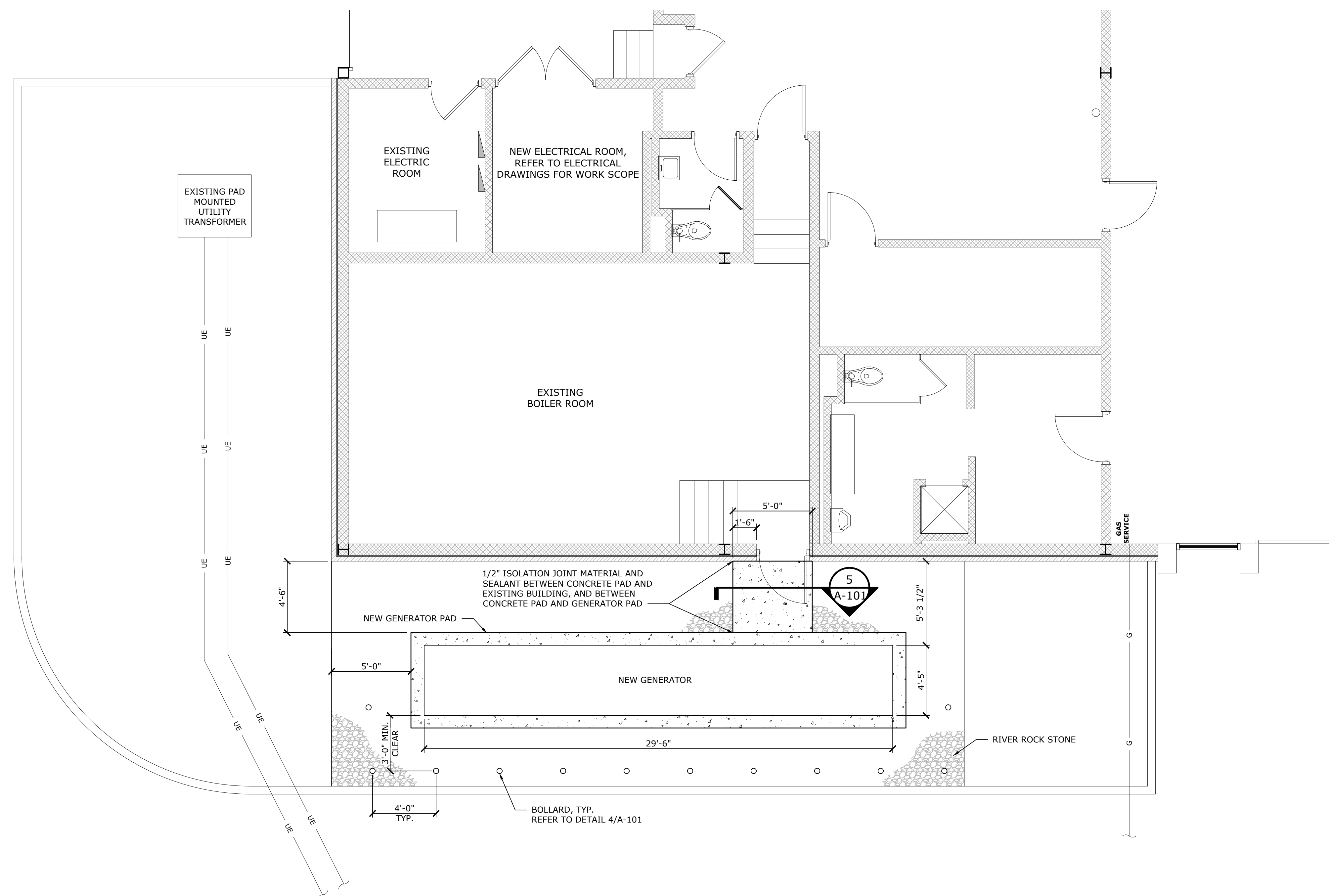
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 C.T. MALE ASSOCIATES
 DESIGNER: NML
 DRAFTED: BPM
 CHECKED: NML
 PROJ. NO: 20.0651
 SCALE: AS NOTED
 DATE: 11/16/22

MONTGOMERY COUNTY DSS GENERATOR UPGRADE
1 VANNER ROAD, AMSTERDAM, NY 12010

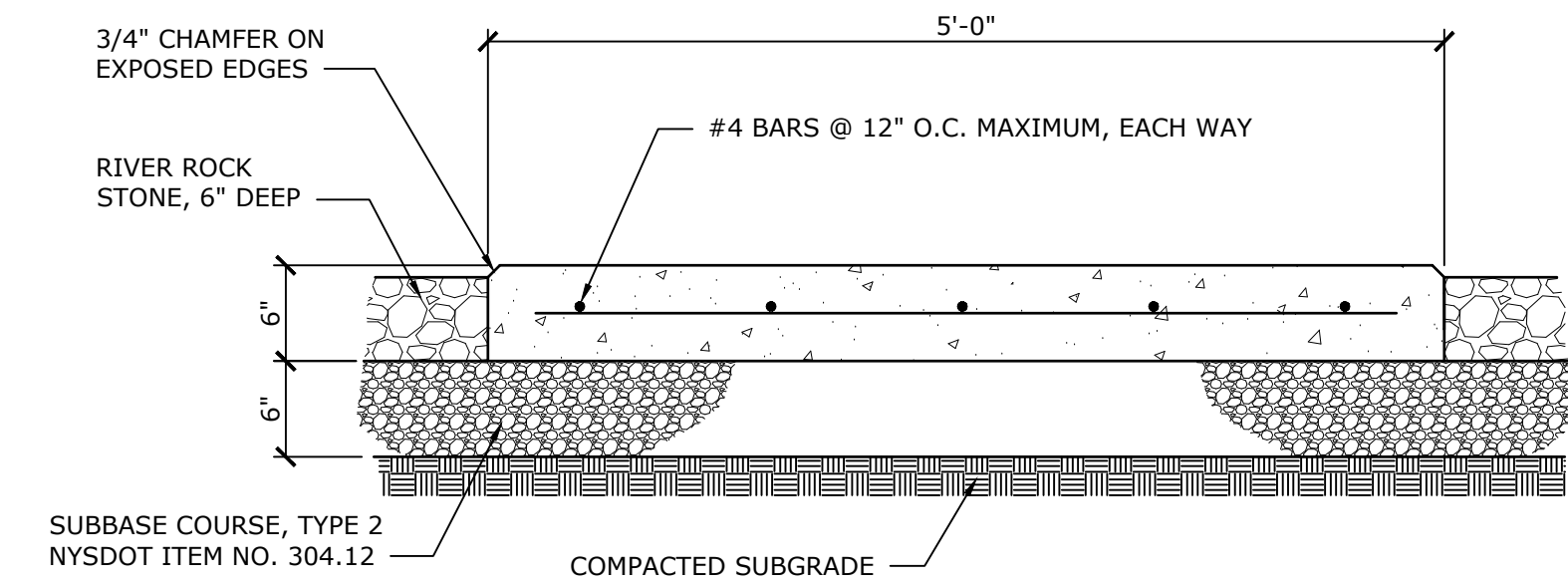
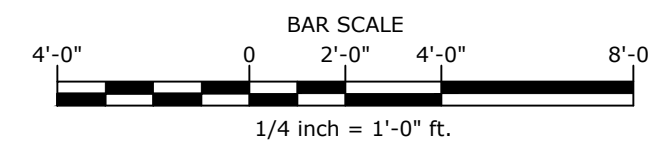
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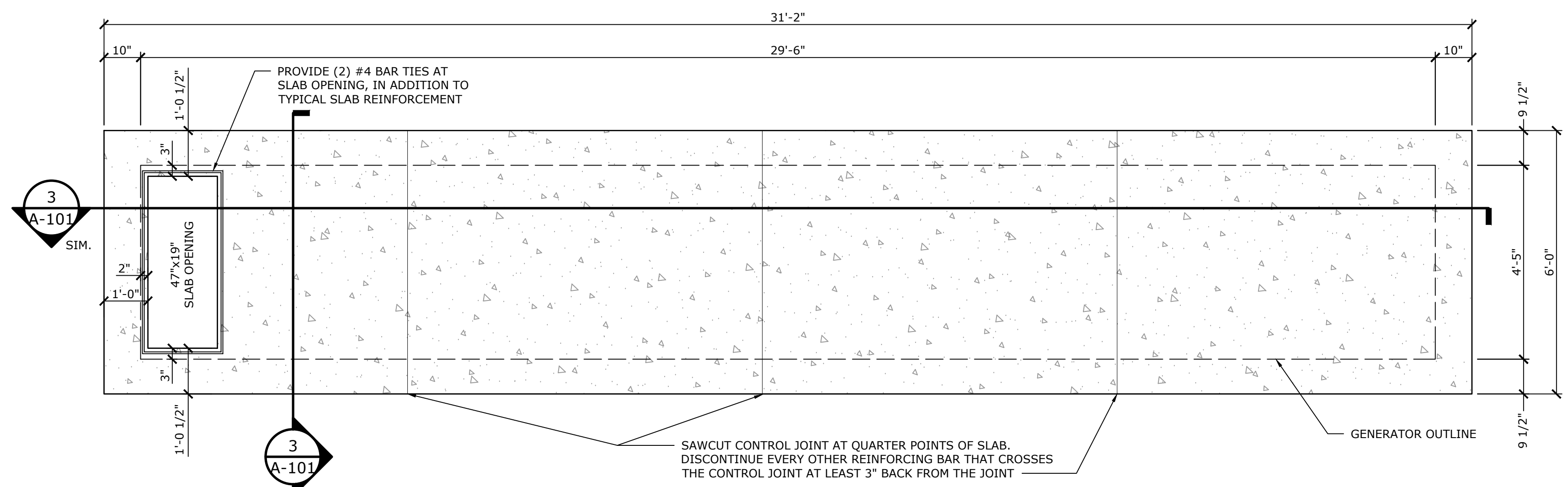


1 GENERATOR PAD LAYOUT
 SCALE: 1/4" = 1'-0"
 CROSS REFERENCE: AE-101



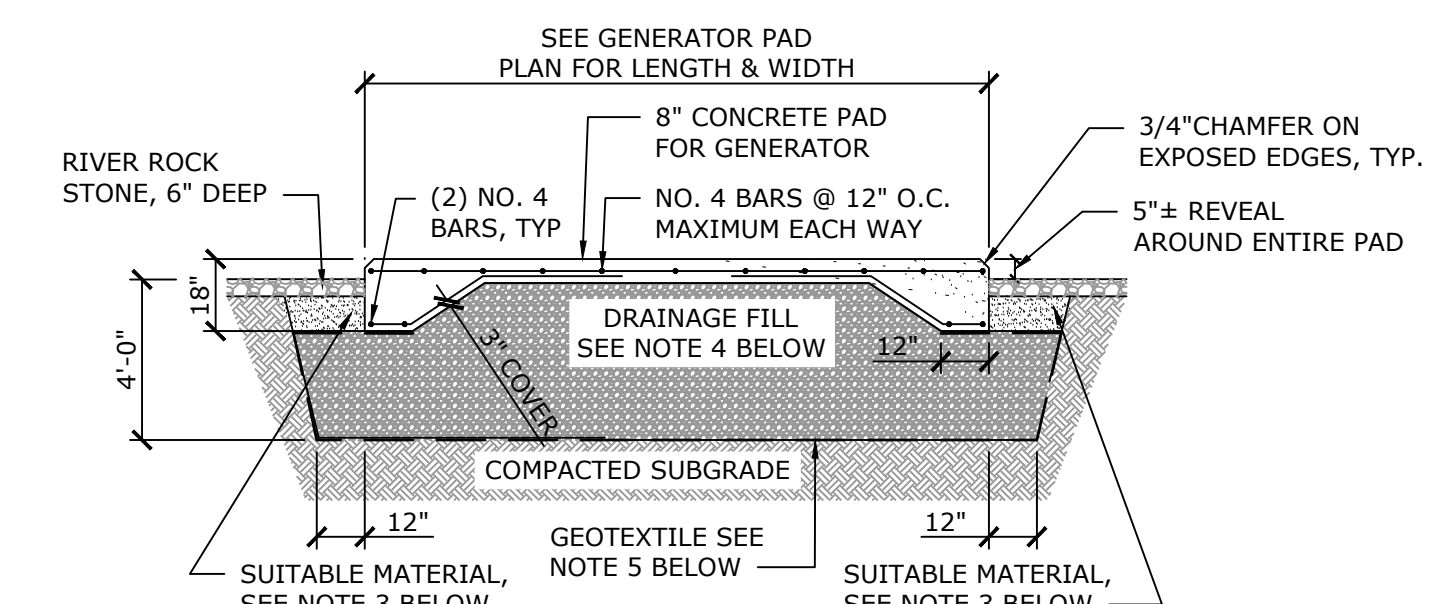
- NOTES:**
- ALL CONSTRUCTION AND MATERIALS SHALL CONFORM WITH THE REQUIREMENTS OF SECTION 608, SIDEWALKS, DRIVEWAYS, AND BICYCLE PATHS; SPECIFICALLY ITEM NO. 608.0101 CONCRETE SIDEWALKS AND DRIVEWAYS, OF THE NYSOT STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, DATED MAY 1, 2008, AND ALL ADDENDA THERETO. SEE NOTE NO. 10 FOR REQUIRED DETECTABLE WARNINGS.
 - SUBBASE MATERIAL AND PLACEMENT SHALL CONFORM WITH THE REQUIREMENTS OF SECTION 304, SUBBASE COURSE; SPECIFICALLY ITEM NO. 304.12, SUBBASE COURSE, TYPE 2, OF THE NYSOT STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS DATED MAY 1, 2008, AND ALL ADDENDA THERETO.
 - ALL EXPOSED SURFACES SHALL HAVE A BROOMED TEXTURE FINISH.

5 CONCRETE PAD SECTION
 SCALE: 1" = 1'-0"
 CROSS REFERENCE: 1/A-101



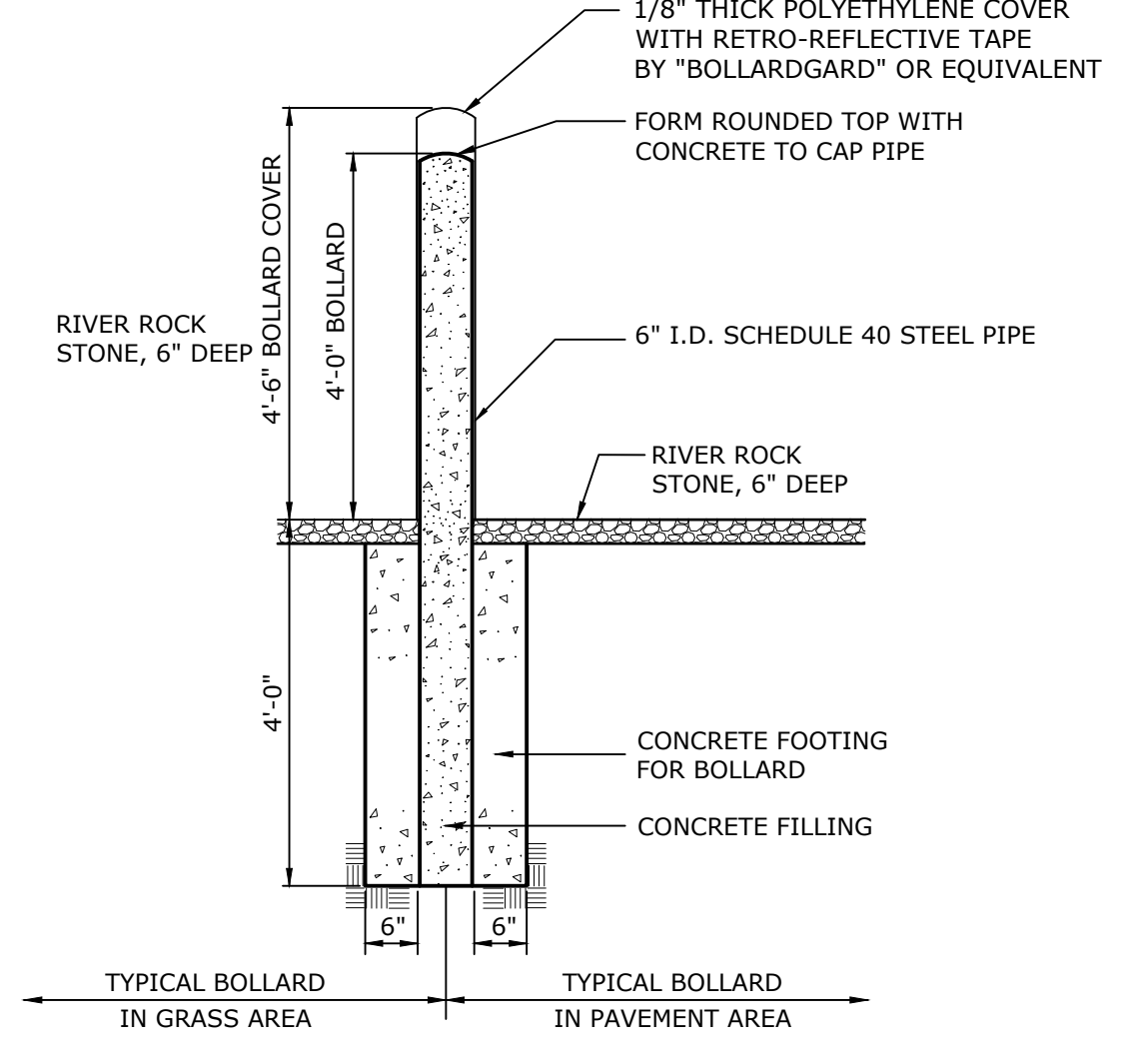
- NOTES:**
- EDGE OF GENERATOR PAD TO BE NO CLOSER THAN 5'-0" FROM NEAREST EXISTING STRUCTURE.
 - GENERATOR EQUIPMENT PAD IS BASED ON KOHLER 400RE02JD GENERATOR SET WITH 72-HR TANK.

2 GENERATOR PAD PLAN
 SCALE: 1/2" = 1'-0"
 CROSS REFERENCE: 1/A-101



- NOTES:**
- JOINTS: LOCATE PER PLAN. DISCONTINUE EVERY OTHER REINFORCING BAR THAT CROSSES THE CONTROL JOINT AT LEAST 3" BACK FROM THE JOINT.
 - 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 NYSOT STANDARD SPECIFICATIONS ARTICLE 703-02. AGGREGATE SHALL BE GRADED IN ACCORDANCE WITH SIZE DESIGNATIONS 1 AND 2 ON TABLE 703-4 OF THE NYSOT STANDARD SPECIFICATIONS.
 - GEOTEXTILE SHALL CONSIST OF MIRAFI 160N OR APPROVED EQUAL.
 - SUITABLE MATERIAL BACKFILL AND DRAINAGE FILL SHALL BE PLACED IN LIFTS NOT TO EXCEED 6 INCHES, AND COMPACTED THROUGH SEVERAL (6 OR MORE) PASSES OF A WALK BEHIND VIBRATORY ROLLER WITH STATIC WEIGHT OF AT LEAST 3 TONS.
 - EDGE OF GENERATOR PAD TO BE NO CLOSER THAN 5'-0" FROM NEAREST EXISTING STRUCTURE.
 - GENERATOR EQUIPMENT PAD IS BASED ON KOHLER 400RE02JD GENERATOR SET WITH 72 HR TANK.

3 GENERATOR PAD SECTION
 SCALE: NONE
 CROSS REFERENCE: 2/A-101



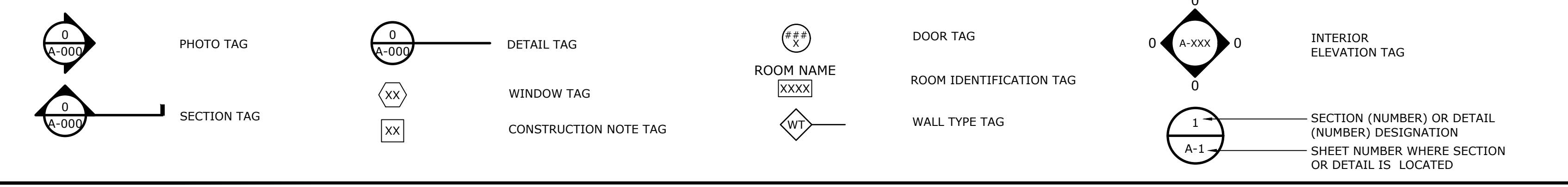
- NOTE:**
- SEE SITE GENERATOR PAD LAYOUT FOR BOLLARD LOCATIONS.
 - BOLLARDS SHALL BE SPACED NOT MORE THAN 4-FEET O.C.
 - LOCATION SHALL BE NOT LESS THAN 3- FEET FROM THE OBJECT BEING PROTECTED IN ACCORDANCE WITH FC-NYS PART 312.2.
 - COLOR TO BE SELECTED BY OWNER'S REPRESENTATIVE.

4 STEEL AND CONCRETE BOLLARD
 SCALE: NONE
 CROSS REFERENCE: 1/A-101

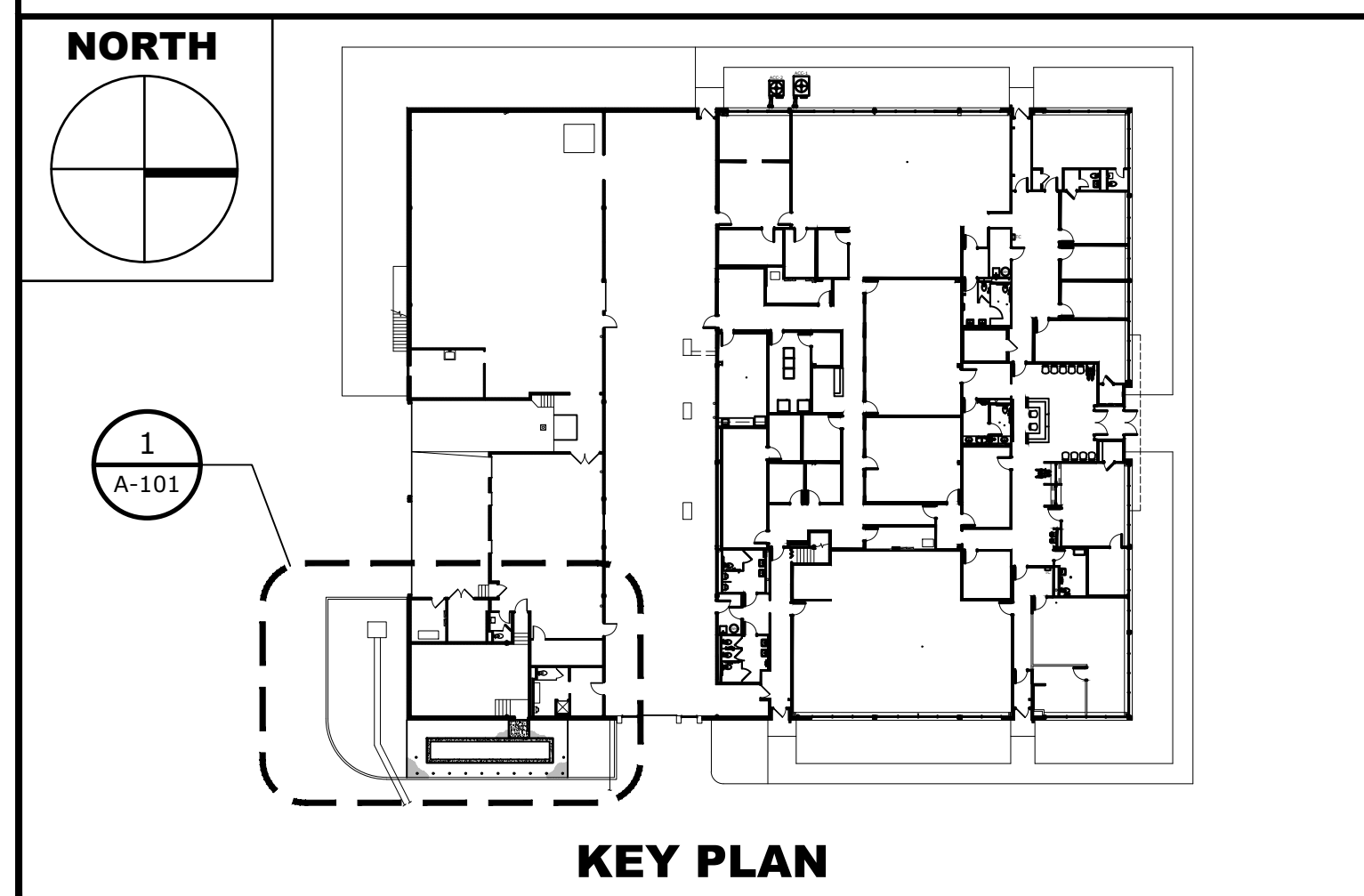
GENERAL BUILDING NOTES

- 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.
- FOLLOW MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS FOR INSTALLATION OF ALL MATERIALS.
- THE WORDS "PROVIDE" OR "SUPPLY" SHALL INCLUDE BOTH FURNISHING AND INSTALLING THE SPECIFIED OR DETAILED ITEM, IN PLACE AND READY FOR OPERATION AND USE.
- PROVIDE TEMPORARY AND REMOVABLE PROTECTION FOR INSTALLED PRODUCTS. CONTROL ACTIVITY IN IMMEDIATE WORK ARE TO MINIMIZE DAMAGE.
- PROVIDE PROTECTIVE COVERINGS AT WALLS, PROJECTIONS, JAMBS, SILLS, GRATING AND SOFFITS OF OPENINGS NOT AFFECTED BY CONSTRUCTION.
- 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.
- USE SUITABLE MEANS AND METHODS TO LIMIT DUST AND DIRT FROM ADJACENT AREAS.
- 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.
- 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.
- 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.
- 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.
- ALL DETAILS ARE TYPICAL. DETAILS APPLY TO ALL SIMILAR CONSTRUCTION NOT DETAILED OR NOTED.
- PROVIDE SEALANT AND/OR GASKET BETWEEN ALL DISSIMILAR MATERIALS.
- 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.
- WHERE ACCESSORY MATERIALS ARE SPECIFIED AND NO EXTENT OF USE IS INDICATED, PROVIDE ACCESSORY MATERIAL WHEREVER USE IS POSSIBLE.
- MINOR ITEMS OF WORK SUCH AS CUTTING, BLOCKING, TRIM, ETC. SHALL BE PERFORMED AS REQUIRED TO MAKE THE WORK COMPLETE AND SECURE WHETHER SHOWN OR NOTED ON THE CONTRACT DOCUMENTS OR NOT.
- SEE APPROPRIATE DRAWINGS FOR GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS OF OTHER DISCIPLINES.
- DIMENSIONS ON LARGER SCALE DRAWINGS GOVERN.
- 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.
- MASONRY DIMENSIONS GIVEN ARE NOMINAL EXCEPT AT LARGE SCALE DETAILS WHERE ACTUAL SIZE IS SHOWN.
- "ALIGN" SHALL BE UNDERSTOOD TO MEAN THE WALLS OR COLUMNS INDICATED.
- PATCH ALL AREAS WHERE REMOVAL OF CONSTRUCTION EQUIPMENT, ETC. LEAVES SURFACE FINISH OF EXPOSED CONSTRUCTION OTHER THAN SMOOTH AND FLUSH WITH ADJACENT FINISH.
- WORK OF ENGINEERING DISCIPLINES ARE SHOWN ON ARCHITECTURAL DRAWINGS FOR COORDINATION PURPOSES ONLY. REFER TO APPROPRIATE DISCIPLINE DRAWINGS FOR COMPLETE AND GOVERNING INFORMATION REGARDING THEIR WORK. INCOMPLETE, INCONSISTENT OR MISSING ENGINEERING INFORMATION ON ARCHITECTURAL DRAWINGS SHALL NOT BE CONSTRUED AS BINDING FOR THAT WORK.
- INSTALL FIRESTOPPING AT FIRE-RATED PENETRATIONS.
- GENERAL CONTRACTOR TO COORDINATE ALL WORK WITH OTHER DISCIPLINES.

ARCHITECTURAL SYMBOLS LIST



CHRISTOPHER M. SHAVER P.E. NO. 071071	NICHOLAS M. LOBOSCO R.A. NO. 034280	DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.	(UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW.)
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							PROJ. NO: 20.0651
							SCALE: AS NOTED
							DATE: 11/16/22



NEW GENERATOR PAD LAYOUT

**MONTGOMERY COUNTY DSS GENERATOR UPGRADE
1 VENNER ROAD, AMSTERDAM, NY 12010**

CITY OF AMSTERDAM MONTGOMERY COUNTY, NEW YORK

C.T. MALE ASSOCIATES
 Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.
 50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.766.7400
 COBLESKILL, NY • GLENS FALLS, NY • POUGHKEEPSIE, NY
 JOHNSTOWN, NY • RED HOOK, NY • SYRACUSE, NY

A-101
 SHEET 03 OF 07
 DWG. NO: 22-0627

GENERAL NOTES:

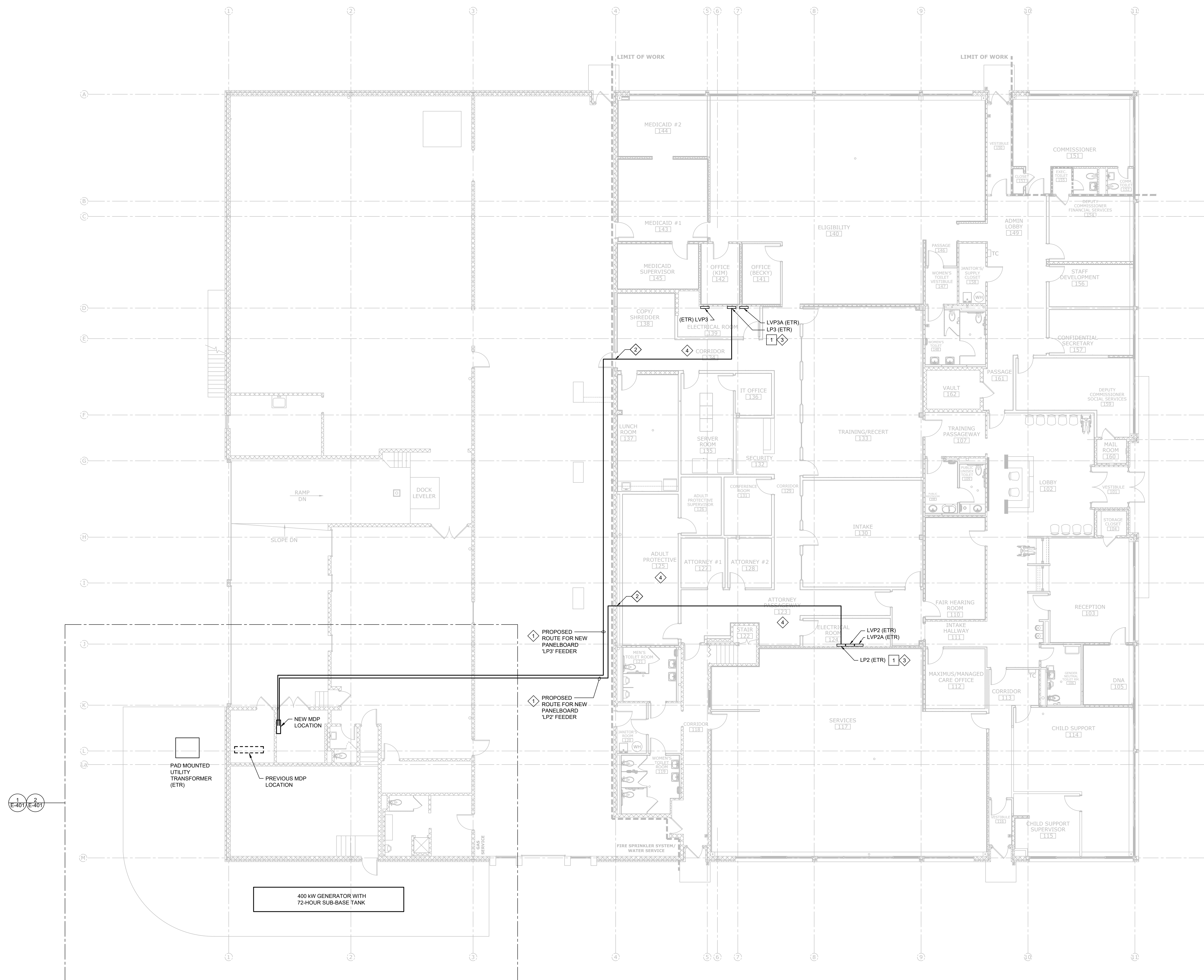
G1. REFER TO ENLARGED DRAWING PLANS AND ONE-LINE DIAGRAMS ON DRAWINGS E-401 AND E-601 RESPECTIVELY FOR ADDITIONAL WORK.

DEMOLITION KEY NOTES:

- DISCONNECT AND REMOVE EXISTING UNDERGROUND PANELBOARD FEEDER CONDUCTORS BACK TO PREVIOUS MDP LOCATION TO ACCOMMODATE NEW OVERHEAD FEEDER. EXISTING UNDERGROUND FEEDER CONDUIT SHALL BE CUT FLUSH WITH FLOOR, INFILLED AND ABANDONED AT BOTH ENDS.

NEW WORK KEY NOTES:

- ROUTE NEW FEEDER AS HIGH AS POSSIBLE JUST BELOW STRUCTURAL STEEL TRUSSES.
- PROVIDE FIRESTOPPING OF ALL WALL PENETRATIONS THROUGH EXISTING 2-HOUR RATED FIRE WALL.
- PROVIDE NEW OVERHEAD FEEDER TO EXISTING PANELBOARD.
- CAREFULLY REMOVE AND RE-INSTALL EXISTING SUSPENDED CEILING TILES IN THESE AREAS TO ACCOMMODATE NEW FEEDER INSTALLATION. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY DAMAGED TILES.



1 OVERALL FIRST FLOOR PLAN
SCALE: 1/8"=1'-0"

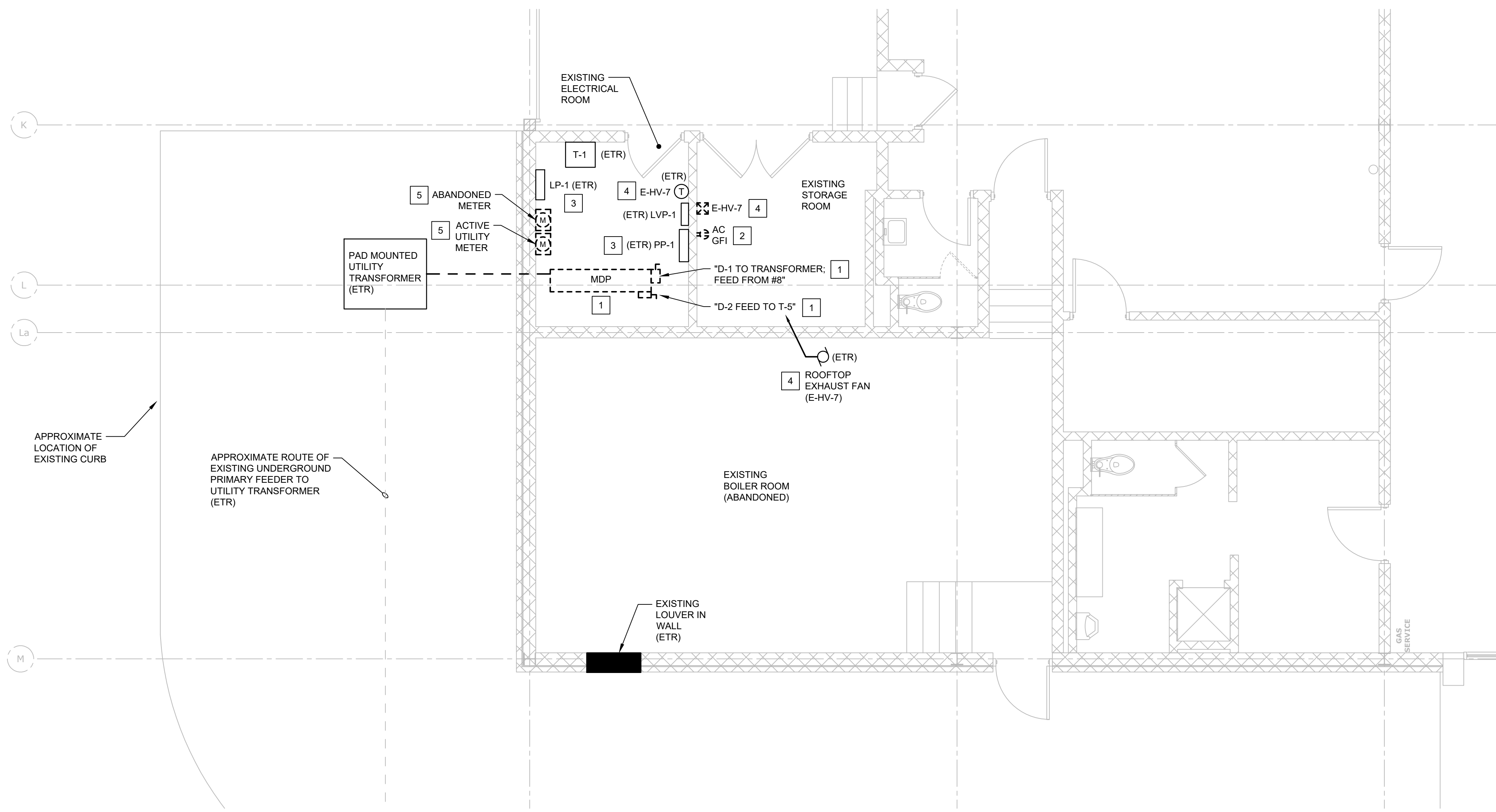


KEY PLAN

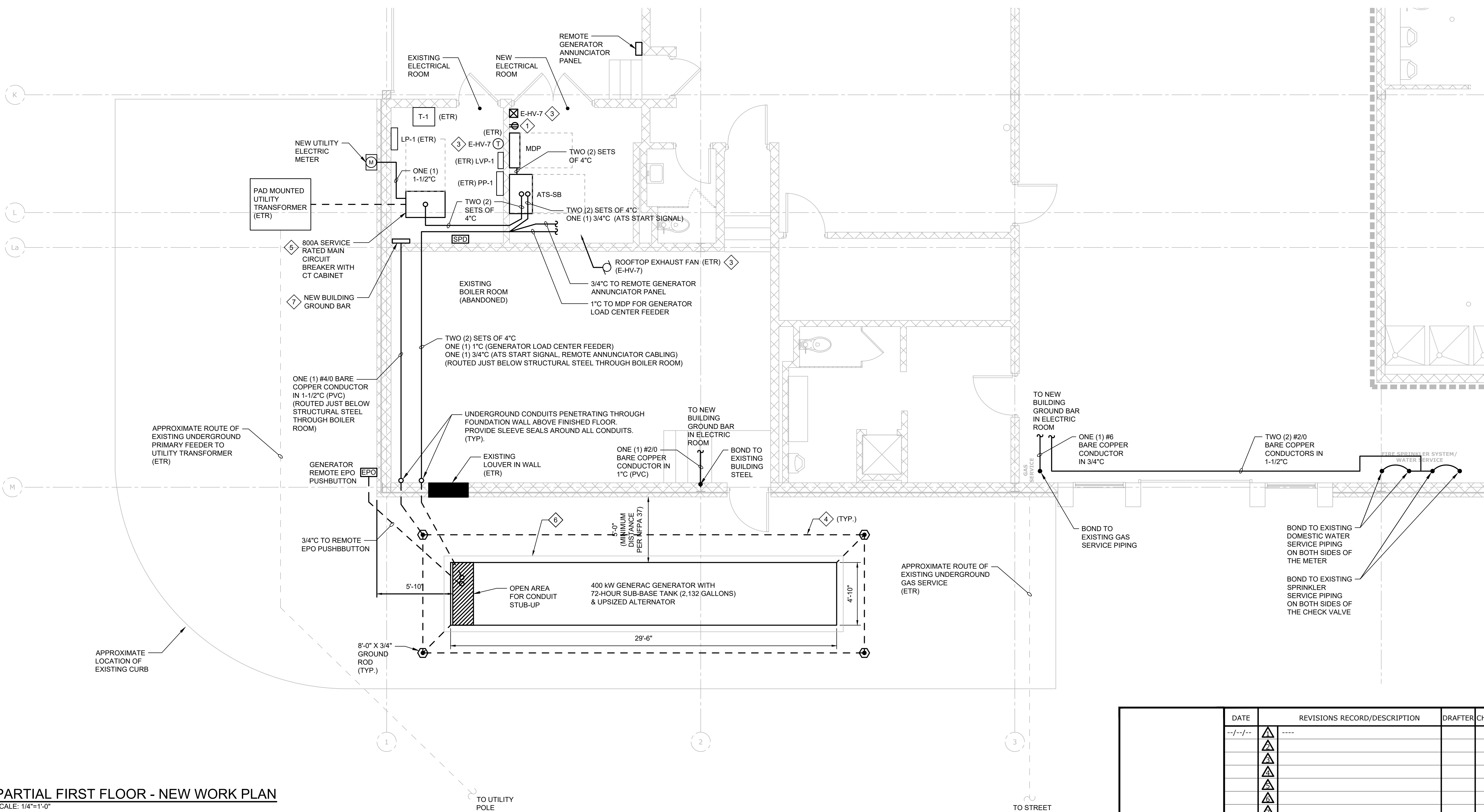
ERDMAN ANTHONY	11 CENTURY HILL DRIVE, SUITE 105 LATHAM, NY 12110 PH: 518.783.1205 www.erdmananthony.com	CONSULTING ENGINEER
	<p align="center">OVERALL FIRST FLOOR PLAN</p> <p align="center">MONTGOMERY COUNTY DSS GENERATOR UPGRADE 1 VENNER ROAD, AMSTERDAM, NY 12010</p>	

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	SCALE : AS NOTED			
	DATE : 11/16/2022			

<p align="center">C.T. MALE ASSOCIATES</p> <p align="center">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</p>	<p align="center">E-101</p> <p align="center">SHEET 05 OF 07 DWG. NO: 22-0627</p>
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1 PARTIAL FIRST FLOOR - DEMOLITION PLAN
SCALE: 1/4"=1'-0"



1 PARTIAL FIRST FLOOR - NEW WORK PLAN
SCALE: 1/4"=1'-0"

GENERAL NOTES:

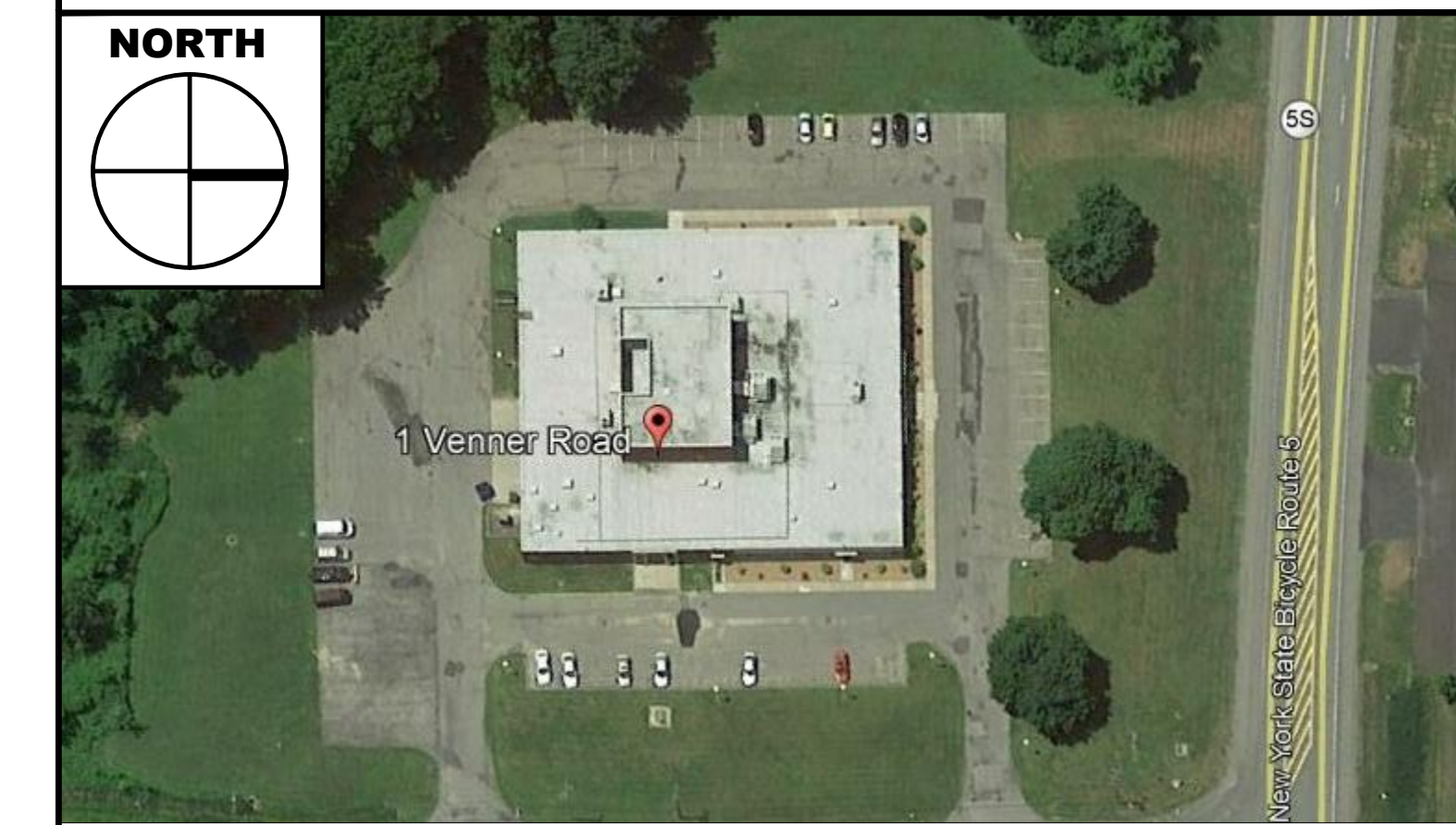
- G1. GENERATOR AND ASSOCIATED AUTOMATIC TRANSFER SWITCH (ATS) SHALL BE PURCHASED BY OWNER AND INSTALLED BY ELECTRICAL CONTRACTOR. REFER TO SPECIFICATIONS FOR MORE INFORMATION REGARDING DIVISION OF WORK.
- G2. VARIOUS PIECES OF EQUIPMENT IN BOILER ROOM CONTAIN ASBESTOS CONTAINING MATERIALS THAT SHALL 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:

- 1. PROVIDE SURFACE MOUNTED, NEMA 5-20R, COMMERCIAL GRADE, DUPLEX RECEPTACLE ADJACENT TO NEW MDP AND CONNECT TO SPARE CIRCUIT BREAKER IN PANELBOARD LVP-1.
- 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 GUARDBLOCK-OFF & THERMAL OVERLOADS (SQUARE D #2510RQSP 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" FOR BRANCH CIRCUITING.
- 4. 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.
- 5. 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 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

ERDMAN ANTHONY CONSULTING ENGINEER

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www.erdmananthony.com

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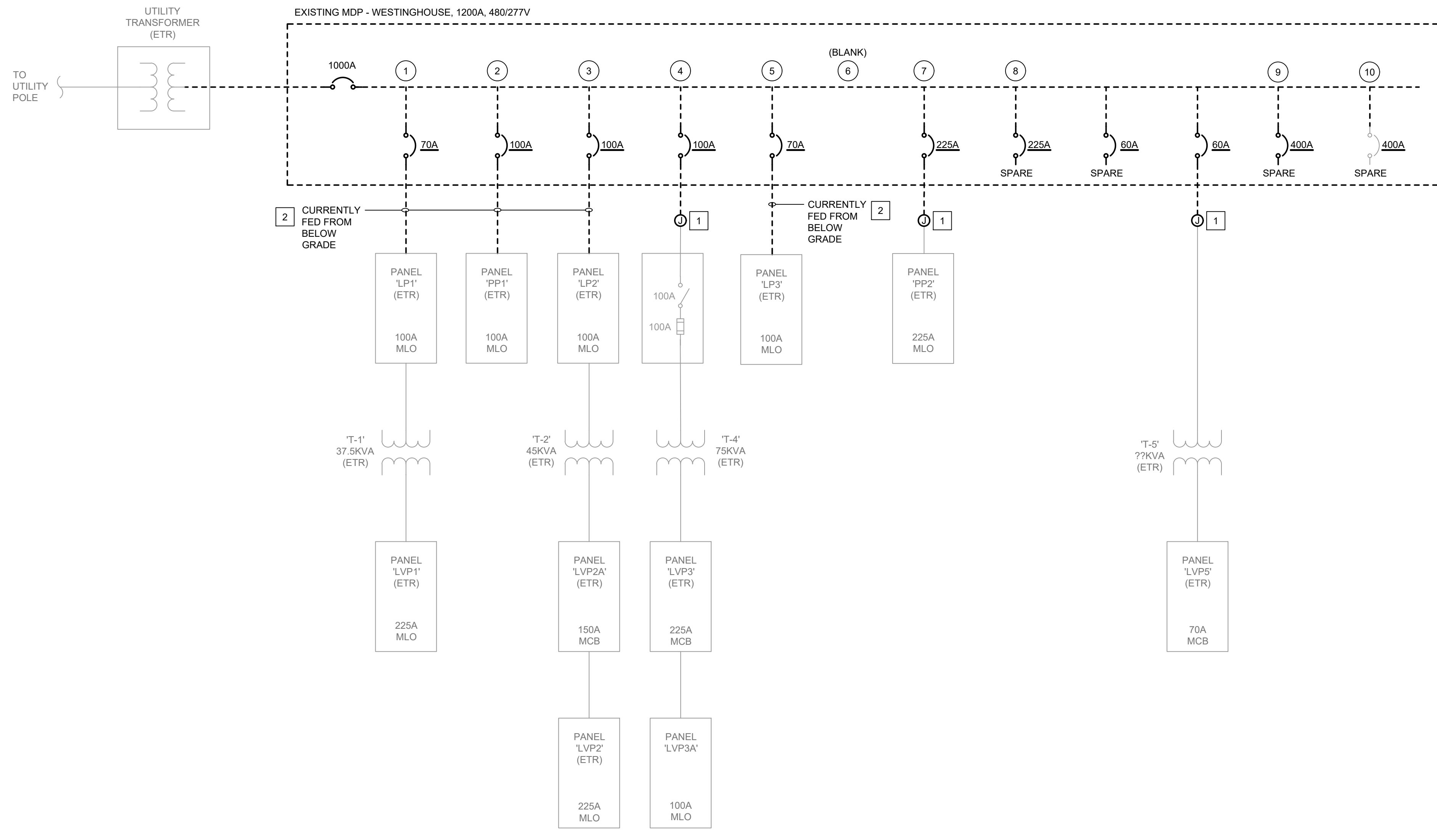
ENLARGED FIRST FLOOR PLANS

MONTGOMERY COUNTY DSS GENERATOR UPGRADE
1 VERNER ROAD, AMSTERDAM, NY 12010

CITY OF AMSTERDAM MONTGOMERY COUNTY, NEW YORK

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E-401
SHEET 06 OF 07
DWG. NO: 22-0627



PANELBOARD MDP

LOCATION:	NEW ELECTRIC ROOM	TRIP	W	MAIN BUS AMP:	800A
VOLTAGE (L-L):	480	3	4	MAIN TYPE:	MLO
VOLTAGE (L-N):	277			MAIN CIRCUIT BREAKER:	--
MOUNTING:	WALL			FEEDER SIZE:	REFER TO ONE-LINE DIAGRAM
FED FROM:	800A MAIN CIRCUIT BREAKER			SHORT CIRCUIT RATING:	35,000 AIC
FEED THRU TYPE:	NO				

NOTES:
 (1) PHASE AMPS SHOWN ARE FOR ESTIMATED FUTURE LOADS

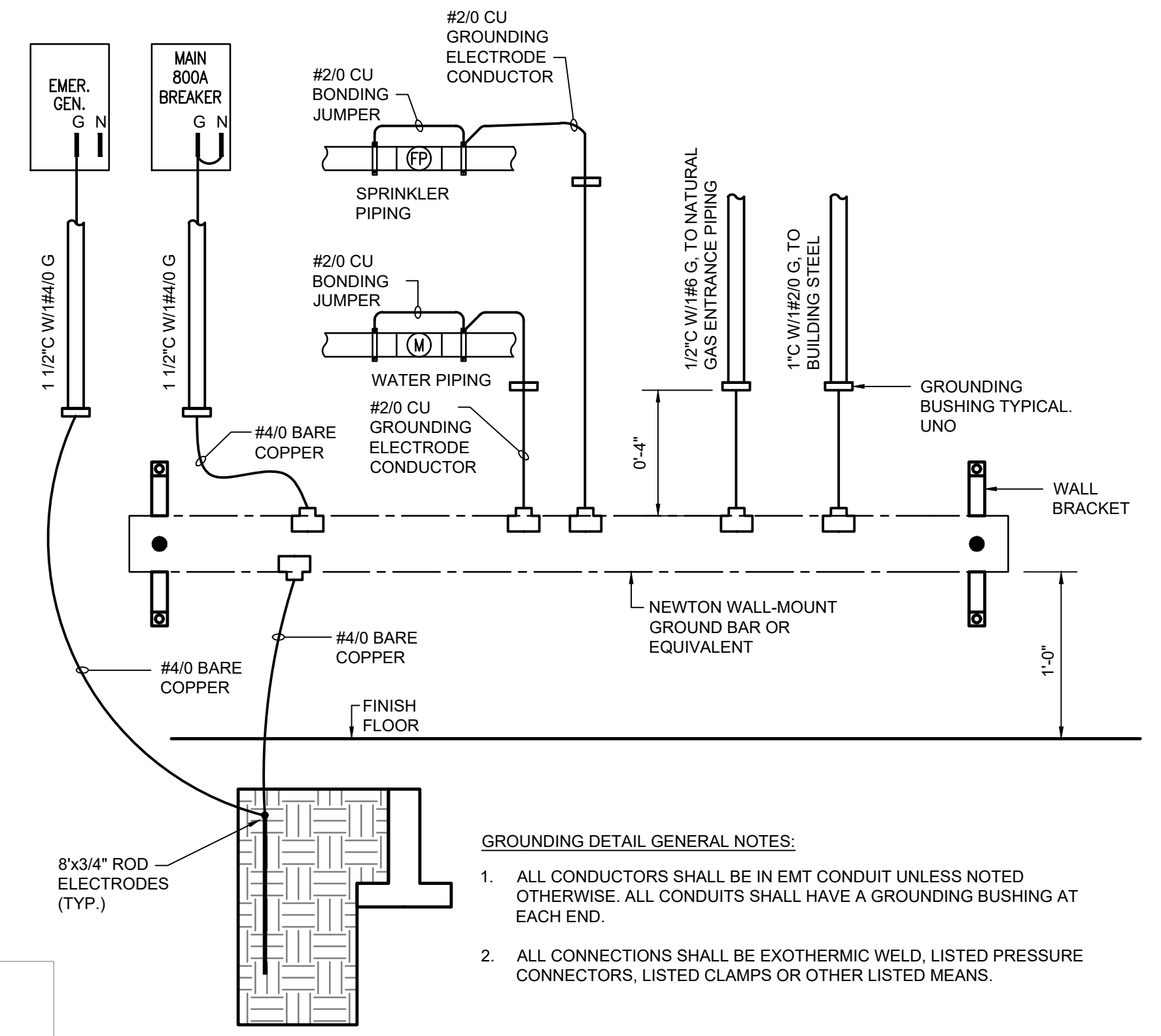
DESCRIPTION	TRIP AMPS	POLES	CKT	PHASE A (AMPS)	PHASE B (AMPS)	PHASE C (AMPS)	CKT	POLES	TRIP AMPS	DESCRIPTION
GENERATOR LOAD CENTER	40	2	1	24.0	32.0			2	3	70
(*) PANEL 'PP1'	100	3	5		34.0	32.0		4	--	
	--	--	7	30.0	45.0	30.0	32.0	6	--	
	--	--	9		30.0	45.0		10	--	
TRANSFORMER T-4 / PANEL 'LVP3'	100	3	11			70.0	45.0	12	--	
	--	--	13	70.0	5.0			14	3	70
	--	--	16			70.0	5.0	16	--	
	--	--	17			70.0	5.0	18	--	
PANEL 'PP2'	--	--	19	194.0	20.0			20	3	60
	--	--	21		194.0	20.0		22	--	
	--	--	23			0.0	20.0	24	--	
SPACE (250A)	--	--	25	0.0	0.0			26	--	
	--	--	27			0.0	0.0	28	--	
	--	--	29			0.0	0.0	30	--	
SPACE (250A)	--	--	31	0.0	0.0			32	--	
	--	--	33			0.0	0.0	34	--	
SPACE	--	--	35			0.0	0.0	36	--	
TOTAL LOAD PER PHASE (AMPS)				420.0	420.0	396.0				
TOTAL 3-PHASE LOAD (KVA)				342.4						
TOTAL 3-PHASE LOAD (AMPS)				412.3						
DEMAND FACTOR				82%						
DEMAND 3-PHASE LOAD (AMPS)				338.8						

- ### GENERAL NOTES:
- GENERATOR AND ASSOCIATED ATS SHALL BE PURCHASED BY OWNER AND INSTALLED BY ELECTRICAL CONTRACTOR. REFER TO SPECIFICATIONS FOR MORE INFORMATION REGARDING DIVISION OF WORK.
 - CONTRACTOR SHALL VERIFY ALL EXISTING CIRCUIT BREAKER AND FEEDER SIZES PRIOR TO PERFORMING WORK.

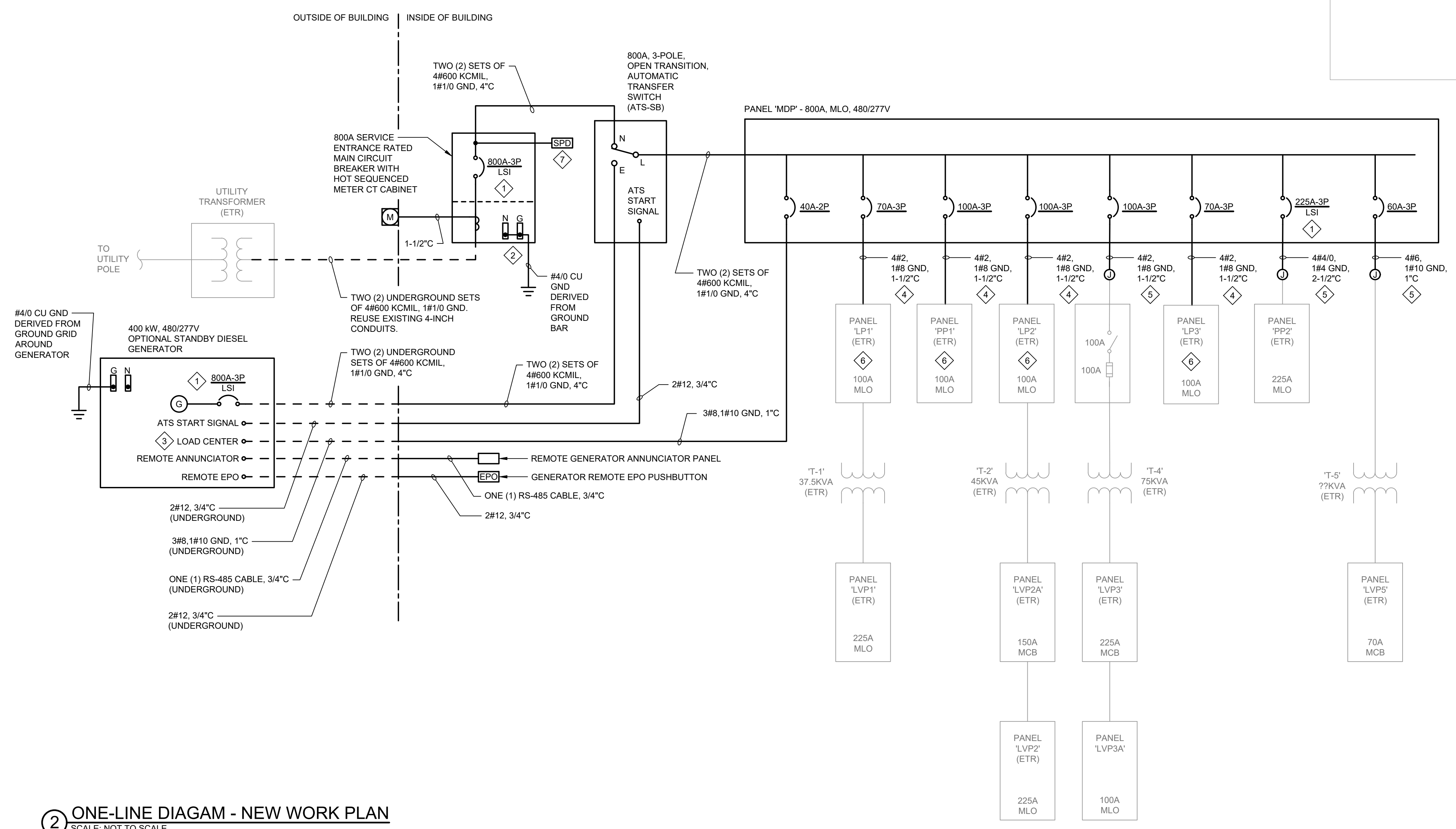
- ### DEMOLITION KEY NOTES:
- DISCONNECT EXISTING OVERHEAD FEEDER FROM MDP. REMOVE FEEDER BACK TO CEILING AREA AND PROVIDE JUNCTION BOX TO ALLOW FOR EXTENSION TO NEW MDP.
 - DISCONNECT AND REMOVE EXISTING UNDERGROUND FEEDER BETWEEN MDP AND PANELBOARD.

- ### NEW WORK KEY NOTES:
- PROVIDE ADJUSTABLE CIRCUIT BREAKER.
 - BOND NEUTRAL AND GROUND.
 - 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 CENTER.
 - PROVIDE NEW OVERHEAD FEEDER TO EXISTING PANELBOARD.
 - EXTEND AND CONNECT EXISTING FEEDER TO NEW MDP.
 - PROVIDE NEW GROUND BAR IN EXISTING PANEL.
 - PROVIDE REMOTE SURGE PROTECTION DEVICE.

1 ONE-LINE DIAGRAM - DEMOLITION PLAN
SCALE: NOT TO SCALE



3 SYSTEM GROUNDING & BONDING DETAIL
SCALE: NOT TO SCALE



2 ONE-LINE DIAGRAM - NEW WORK PLAN
SCALE: NOT TO SCALE



KEY PLAN

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ONE-LINE DIAGRAMS

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1 VENNER ROAD, AMSTERDAM, NY 12010

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E-601
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