

GENERAL NOTES

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH BY INTERNATIONAL BUILDING CODE 2015 AND SHALL CONFORM TO ALL OTHER APPLICABLE MUNICIPAL, STATE, AND FEDERAL REGULATIONS INCLUDING THE ILLINOIS ACCESSIBILITY CODE (1997) AND THE AMERICANS WITH DISABILITIES ACT.

A. GENERAL NOTES

- 1. ALL CONTRACTORS ARE REQUIRED TO VISIT THE SITE AND BE KNOWLEDGEABLE REGARDING EXISTING CONDITIONS AND THEIR EFFECT ON THE PROPOSED WORK. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ANY CONDITIONS REQUIRING MODIFICATION BEFORE PROCEEDING WITH THE PROJECT.
2. NOTIFY THE OWNER'S REPRESENTATIVE A MINIMUM OF 72 HOURS PRIOR TO THE INTERRUPTION OF ANY UTILITY.
3. PROTECT AND KEEP IN SERVICE ACTIVE UNDERGROUND UTILITIES, PIPES, OR CONDUITS, WHETHER INDICATED ON THE DRAWINGS OR NOT, UNLESS SPECIFICALLY CALLED FOR TO BE REMOVED, RELOCATED, OR DISCONNECTED AND ABANDONED.
4. CONTRACTORS AND SUBCONTRACTORS SHALL COORDINATE THEIR WORK WITH THAT OF OTHER TRADES.
5. NO WORK WILL BE PERMITTED TO BE INSTALLED WITHOUT RECEIPT AND SUBSEQUENT REVIEW OF FULL AND COMPLETE SUBMITTALS BY THE ARCHITECT/ENGINEER.
6. DO NOT SCALE DRAWINGS, DIMENSIONS INDICATED TAKE PRECEDENCE OVER SCALE.
7. VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD. WHERE DISCREPANCIES ARE FOUND BETWEEN DIMENSIONS OR ELEVATIONS SHOWN AND ACTUAL FIELD CONDITIONS, NOTIFY ARCHITECT/ENGINEER.
8. WHERE CONFLICTS MAY EXIST BETWEEN THE REQUIREMENTS OF PORTIONS OF THE CONTRACT DOCUMENTS, THE GREATER QUANTITY, HIGHER QUALITY OR MORE STRINGENT REQUIREMENT SHALL GOVERN. THEREFORE, BY EXECUTING A CONTRACT FOR CONSTRUCTION, THE CONTRACTOR AGREES THAT, IF IT RAISED NO QUESTIONS REGARDING SUCH CONFLICTS DURING THE BIDDING PROCESS, AND IN THE ABSENCE OF A CLARIFYING ADDENDUM ISSUED DURING THE BIDDING PROCESS, IT HAS VOLUNTARILY AGREED TO COMPLY WITH THE MORE EXPENSIVE REQUIREMENT AS PART OF ITS BASE BID AND IS NOT ENTITLED TO ANY ADDITIONAL COMPENSATION TO RESOLVE THE CONFLICT.
9. THE CONTRACT DOCUMENTS REQUIRE THE CONTRACTOR TO FURNISH AND INSTALL COMPLETE PRODUCTS, SYSTEMS AND SERVICES. BY EXECUTING A CONTRACT FOR CONSTRUCTION, THE CONTRACTOR AGREES THAT THE DRAWINGS SET FORTH THE DESIGN INTENT AND, THEREFORE, MAY NOT EXPRESSLY DEPICT EVERY LENGTH, SEGMENT, PIECE, PART, COMPONENT OR UNIT OF A PRODUCT, SYSTEM OR SERVICE. THE CONTRACTOR FURTHER AGREES THAT, AS PART OF ITS BID, IT MUST FURNISH AND INSTALL EVERY LENGTH, SEGMENT, PIECE, PART, COMPONENT OR UNIT OF A PRODUCT, SYSTEM OR SERVICE AND, CONSEQUENTLY, THE CONTRACTOR IS NOT ENTITLED TO ANY ADDITIONAL COMPENSATION FOR ANY LENGTH, SEGMENT, PIECE, PART COMPONENT OR UNIT OF A PRODUCT, SYSTEM OR SERVICE BECAUSE IT IS NOT EXPRESSLY DEPICTED HEREIN.

B. MISCELLANEOUS AND DEMOLITION NOTES

- 1. COORDINATE PENETRATIONS AND/OR SLEEVES REQUIRED IN WALLS, FLOORS, CEILING OR ROOFS FOR MECHANICAL AND ELECTRICAL WORK REQUIRED BY ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.
2. SEAL WITH UL APPROVED MATERIALS PENETRATIONS OF DUCTWORK, CONDUIT AND PIPES THROUGH FIRE-RATED ASSEMBLIES, TO MAINTAIN THE RATING INTEGRITY OF THOSE ASSEMBLIES. PROVIDE FIRE DAMPERS AS INDICATED ON THE DRAWINGS.
3. SEAL WITH ACOUSTICAL SEALANT PENETRATIONS OF DUCTWORK, CONDUIT AND PIPES THROUGH NON-RATED FLOORS, FULL-HEIGHT WALLS/PARTITIONS, ACOUSTICALLY INSULATED WALLS/PARTITIONS, AND SOUND-RATED WALLS/PARTITIONS, TO MAINTAIN THE ACOUSTICAL INTEGRITY OF THOSE ASSEMBLIES.
4. APPLY APPROPRIATE & COMPATIBLE SEALANT MATERIALS AS REQUIRED TO SEPARATE DISSIMILAR METALS. FILL GAPS IN EXISTING ASSEMBLIES OR WHERE NEW AND EXISTING ASSEMBLIES MEET OR WHERE OTHERWISE REQUIRED BY THE SPECIFICATIONS.
5. BRING ANY UNFORESEEN OR CONFLICTING CONDITIONS TO THE IMMEDIATE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
6. REPAIR, PATCH, OR REPLACE FINISH MATERIALS OR VISIBLE ASSEMBLIES THAT ARE SOILED, CUT OR DAMAGED IN ANY FASHION DURING THE COURSE OF THE WORK. PERFORM PATCHING SUCH THAT EDGES BLEND INTO CONTIGUOUS SURFACES SMOOTHLY, MATCHING TEXTURE AND COLOR OF ADJACENT SURFACES.
7. ALL SHUT DOWNS AND CUT OVERS SHALL BE COORDINATED WITH THE OWNER. THE INTENT IS THAT THIS IS TO OCCUR DURING NORMAL BUSINESS HOURS. TYPICALLY THE OWNER CAN ACCOMMODATE A 12 HOUR OUTAGE.
8. CONCRETE TESTING WILL NOT BE REQUIRED ON THIS PROJECT.

STANDARD ABBREVIATIONS

Table with 4 columns of abbreviations and their corresponding full names. Includes terms like ANCHOR BOLT, FLOOR DRAIN, PLASTER, etc.

THE MATERIALS, ABBREVIATIONS, AND DRAFTING SYMBOLS LEGEND ARE EACH AN ALL INCLUSIVE MASTER LIST USED BY THIS FIRM. THE INCLUSION OF THESE LEGENDS INTO THESE DOCUMENTS DOES NOT IMPLY THAT ALL THE SYMBOLS OR MATERIALS INCLUDED IN THESE LEGENDS ARE INCORPORATED INTO THIS PROJECT.

DRAFTING MATERIALS LEGEND

Table mapping symbols to materials and conditions. Includes symbols for steel, earth, concrete, insulation, brick, wood, etc.



PROJECT

FIRE STATION #5
EMERGENCY GENERATOR
730 HILL AVENUE
AURORA, IL 60505

OWNER

CITY OF AURORA
44 E. DOWNER PLACE
AURORA, IL 60507

ARCHITECT/ENGINEER

KLUBER ARCHITECTS + ENGINEERS
10 S. SHUMWAY AVE.
BATAVIA, ILLINOIS 60510
TEL 630-406-1213
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www.kluberinc.com

REQUIRED CODE COMPLIANCE INFORMATION

REQUIRED PLAN COVER SHEET INFORMATION FOR REVIEW UNDER 2015 INTERNATIONAL CODES, STATE OF ILLINOIS ACCESSIBILITY CODE, AND THE STATE OF ILLINOIS PLUMBING CODE CODE REVIEW DATA

GENERAL STATEMENT OF OVERALL PROJECT SCOPE AND INTENT:

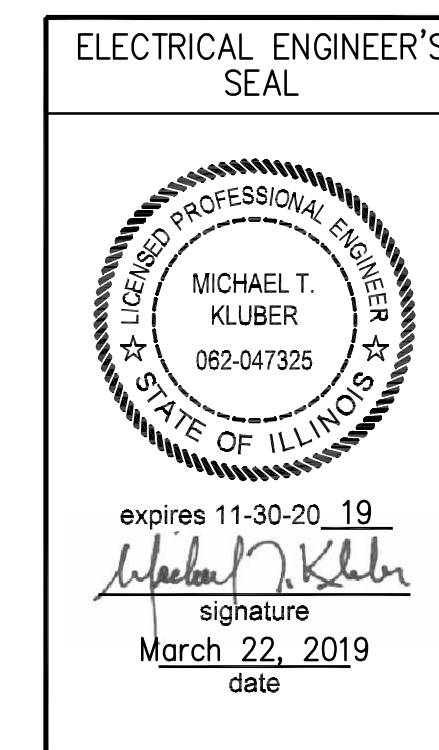
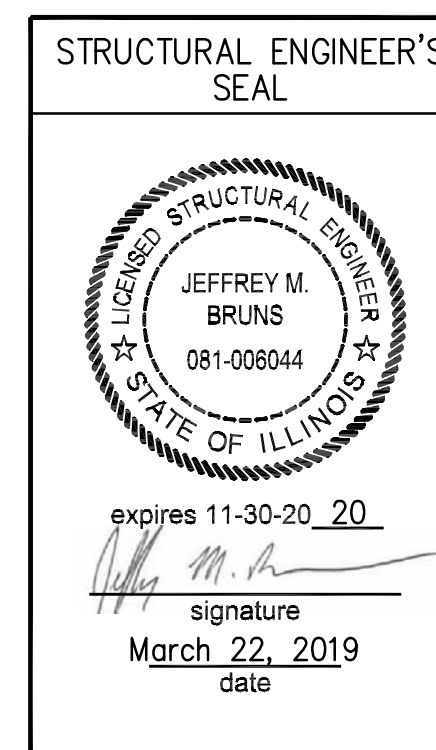
PROJECT CONSISTS OF MINOR INTERIOR AND EXTERIOR ALTERATIONS TO ACCOMMODATE A NEW EMERGENCY BACK-UP ELECTRIC GENERATOR TO AN EXISTING SINGLE-STORY FIRE STATION BUILDING. BUILDING COMPONENTS AND SYSTEMS MODIFIED OR REPLACED AS PART OF THE WORK OF THIS PROJECT HAVE BEEN BROUGHT UP TO MEET THE REQUIREMENTS OF THE APPLICABLE CURRENT CODES.
THE AREAS ALTERED FOR APPARATUS BAYS USE ARE CLASSIFIED AS GROUP B.

- A. USE AND OCCUPANCY GROUP(S) CLASSIFICATION: MIXED USE; B PER THE ORIGINAL CONSTRUCTION DOCUMENTS.
B. TYPE OF CONSTRUCTION: 5B (UNPROTECTED), PER THE ORIGINAL CONSTRUCTION DOCUMENTS.
C. SQUARE FOOTAGE OF BUILDING: UNCHANGED.
ALLOWABLE SQUARE FOOTAGE: NOT APPLICABLE; NO CHANGE OF USE.
BUILDING IS FULLY SPRINKLERED WITH FIRE ALARM SYSTEM.
D. OCCUPANT LOAD BASED ON INTERNATIONAL BUILDING CODE: NOT APPLICABLE; USE/OCCUPANCY REMAINS UNCHANGED.
E. OCCUPANT LOAD BASED ON ILLINOIS PLUMBING CODE: NOT APPLICABLE; USE/OCCUPANCY REMAINS UNCHANGED.
F. DESIGNED LIVE LOADS: NOT APPLICABLE; THIS IS AN EXISTING BUILDING, TO WHICH NO MODIFICATIONS ARE BEING MADE TO STRUCTURAL COMPONENTS.
G. THE DESIGN PROFESSIONALS IN RESPONSIBLE CHARGE ARE IDENTIFIED IN THE SEALS AND CERTIFICATES AREA, BELOW.

SEALS & CERTIFICATES

I HAVE PREPARED, OR CAUSED TO BE PREPARED UNDER MY DIRECT SUPERVISION, THE ATTACHED PLANS AND SPECIFICATIONS AND STATE THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND TO THE EXTENT OF MY CONTRACTUAL OBLIGATION, THEY ARE IN COMPLIANCE WITH IBC 2015 EDITION, THE ENVIRONMENTAL BARRIERS ACT AND THE ILLINOIS ACCESSIBILITY CODE.

KLUBER, INC. ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE #184-001284



"G" SERIES
EXTERIOR PAD

"G" SERIES
"E" SERIES

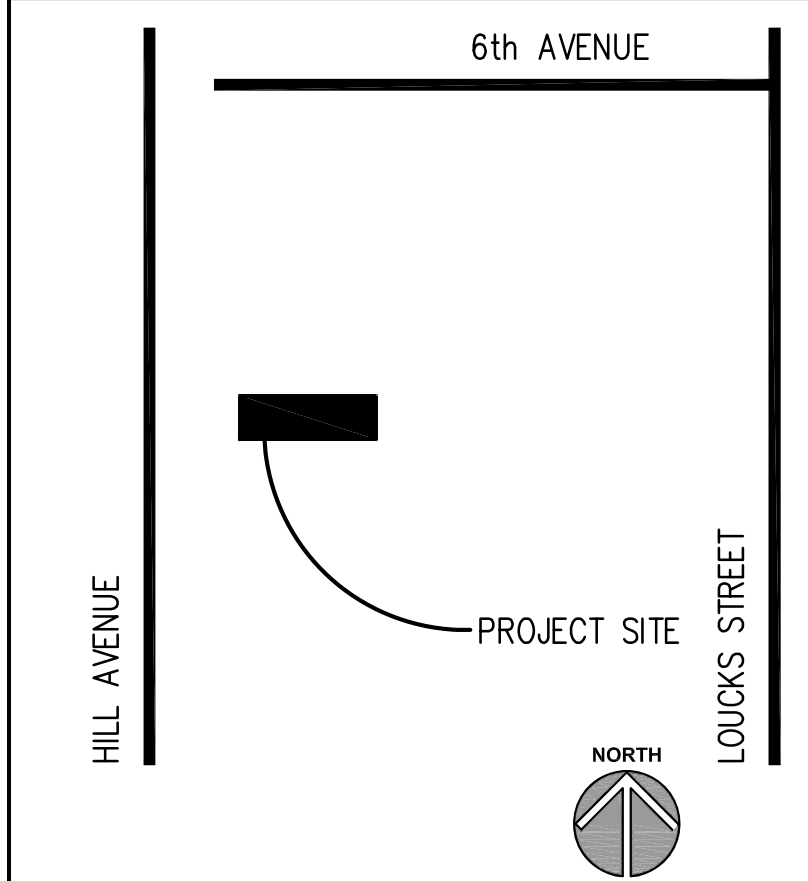
INDEX OF DRAWINGS

- G100 COVER SHEET, GENERAL NOTES, SYMBOLS, & DRAWING INDEX
E310 ELECTRICAL FLOOR PLANS AND DETAILS
E610 ELECTRICAL ONE LINE DIAGRAM AND PANEL SCHEDULES

BUILDING CODE DATA

2015 INTERNATIONAL BUILDING CODE
2015 INTERNATIONAL PLUMBING CODE
2015 INTERNATIONAL MECHANICAL CODE
2015 INTERNATIONAL FUEL AND GAS CODE
2015 INTERNATIONAL ENERGY CONSERVATION CODE
2015 INTERNATIONAL EXISTING BUILDING CODE
2015 INTERNATIONAL FIRE CODE
ILLINOIS ACCESSIBILITY CODE (CURRENT EDITION)
2014 NATIONAL ELECTRICAL CODE
LOCAL AMENDMENTS TO THE ABOVE CODES

LOCATION MAP



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CITY OF AURORA FIRE STATION #5 EMERGENCY GENERATOR
CITY OF AURORA
730 HILL AVENUE
AURORA, IL 60505

Table with columns for ISSUED, DATE, and DESCRIPTION. Includes entries for 03/22/19 and 03/22/19 regarding BIDs & PERMIT DOCUMENTS.

Table with columns for JOB NO., DRAWN, CHECKED, APPROVED, SHEET TITLE, and SHEET NUMBER. Includes job number 19-130-1235 and sheet title G100.

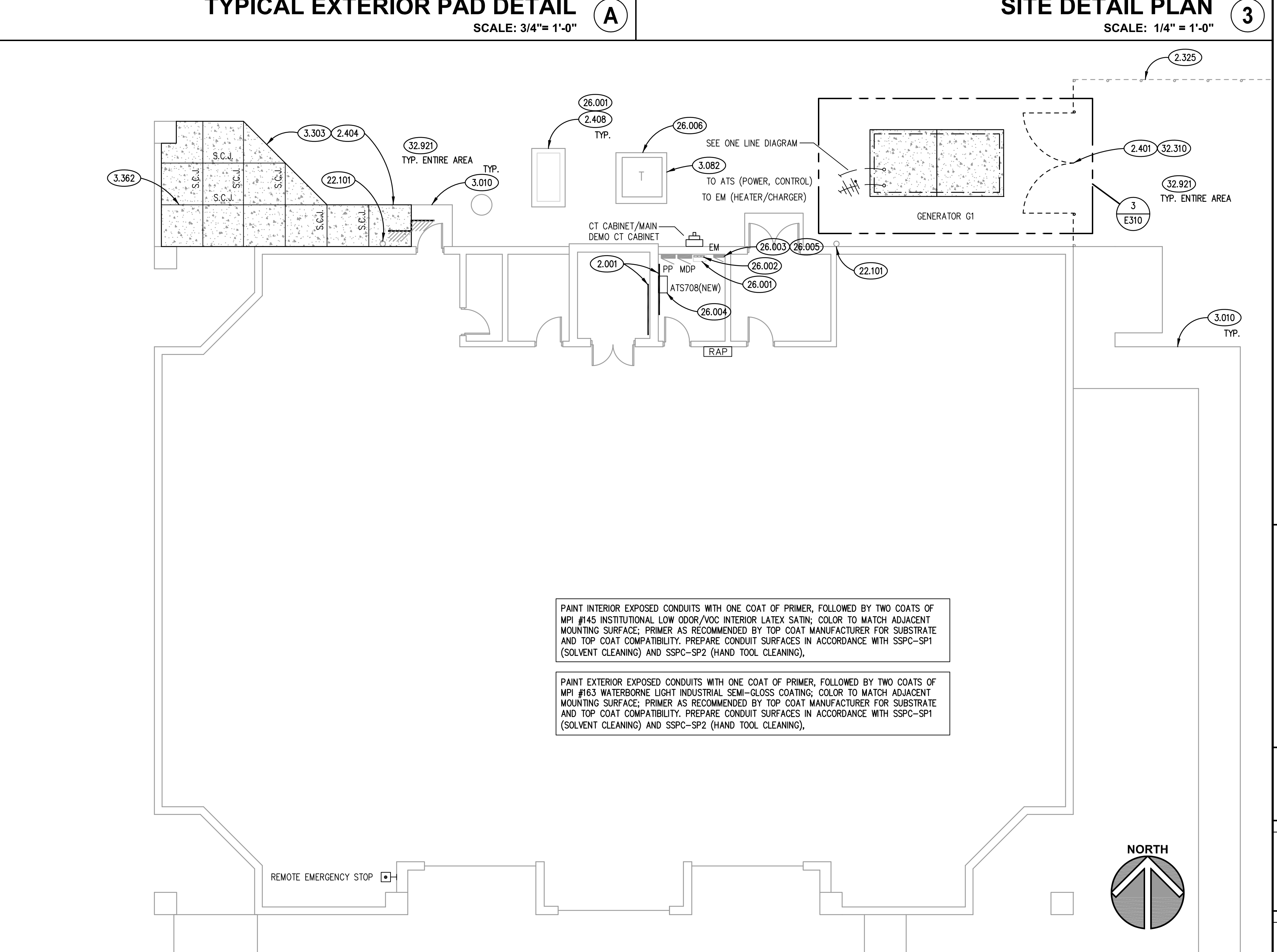
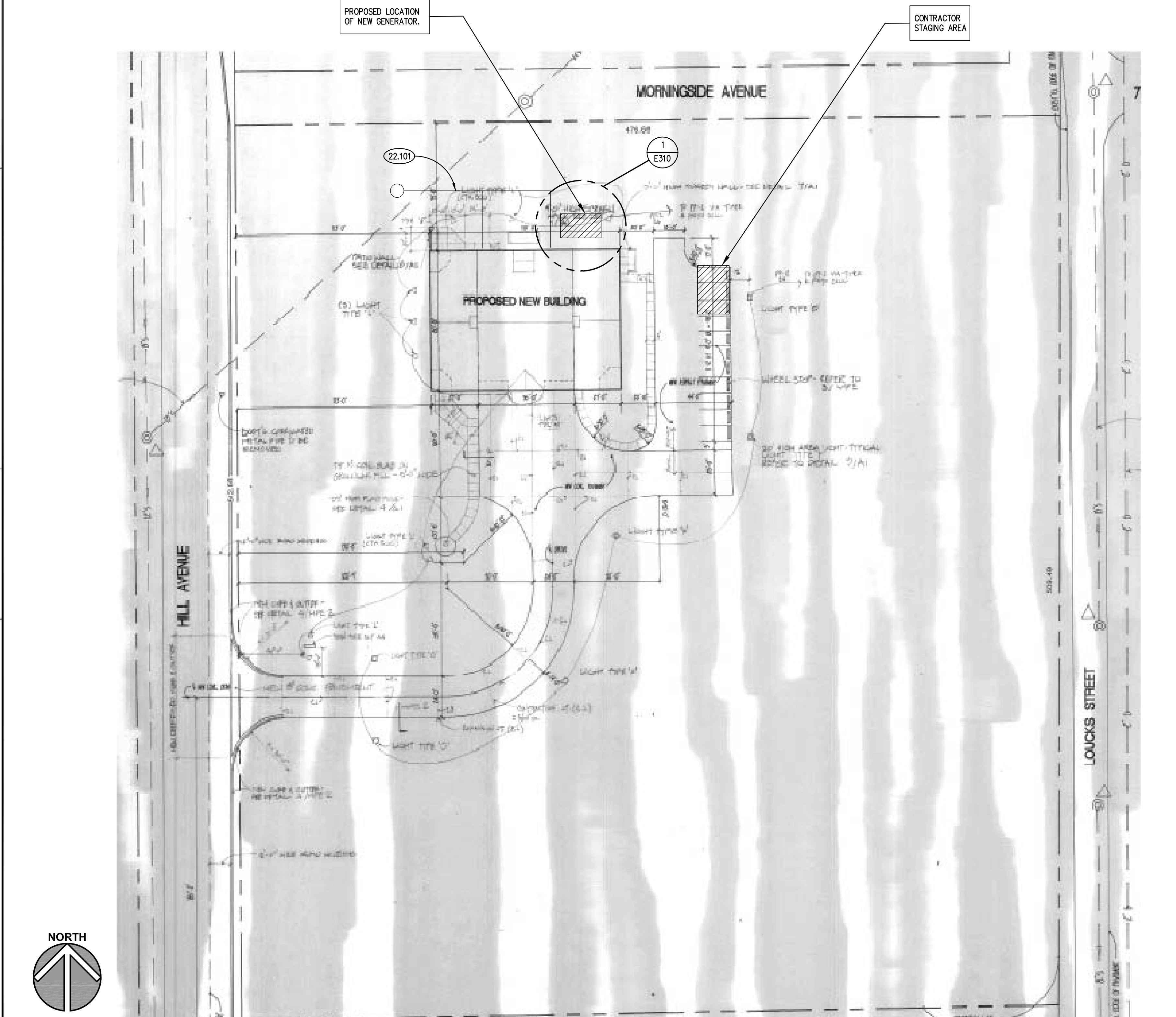
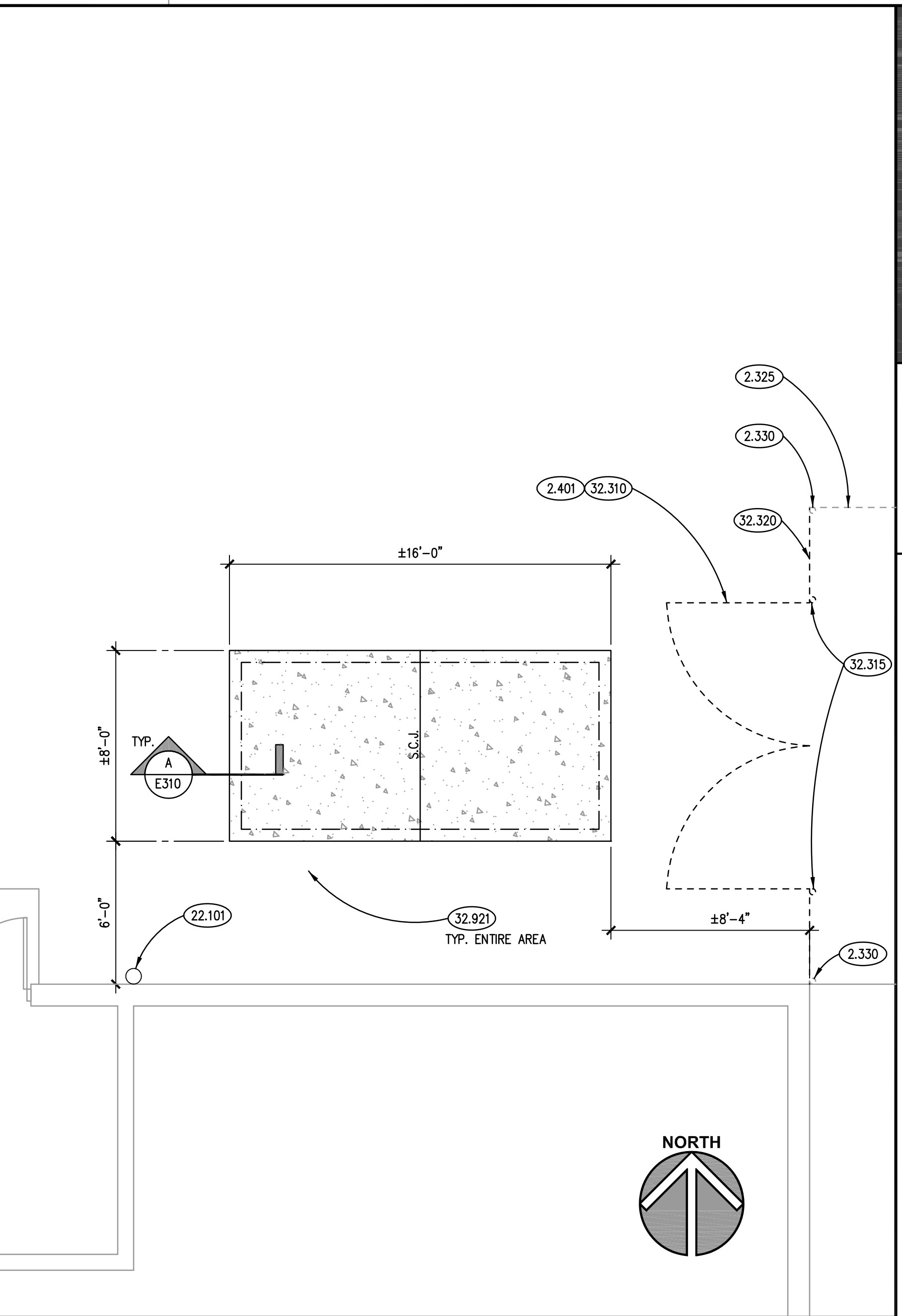
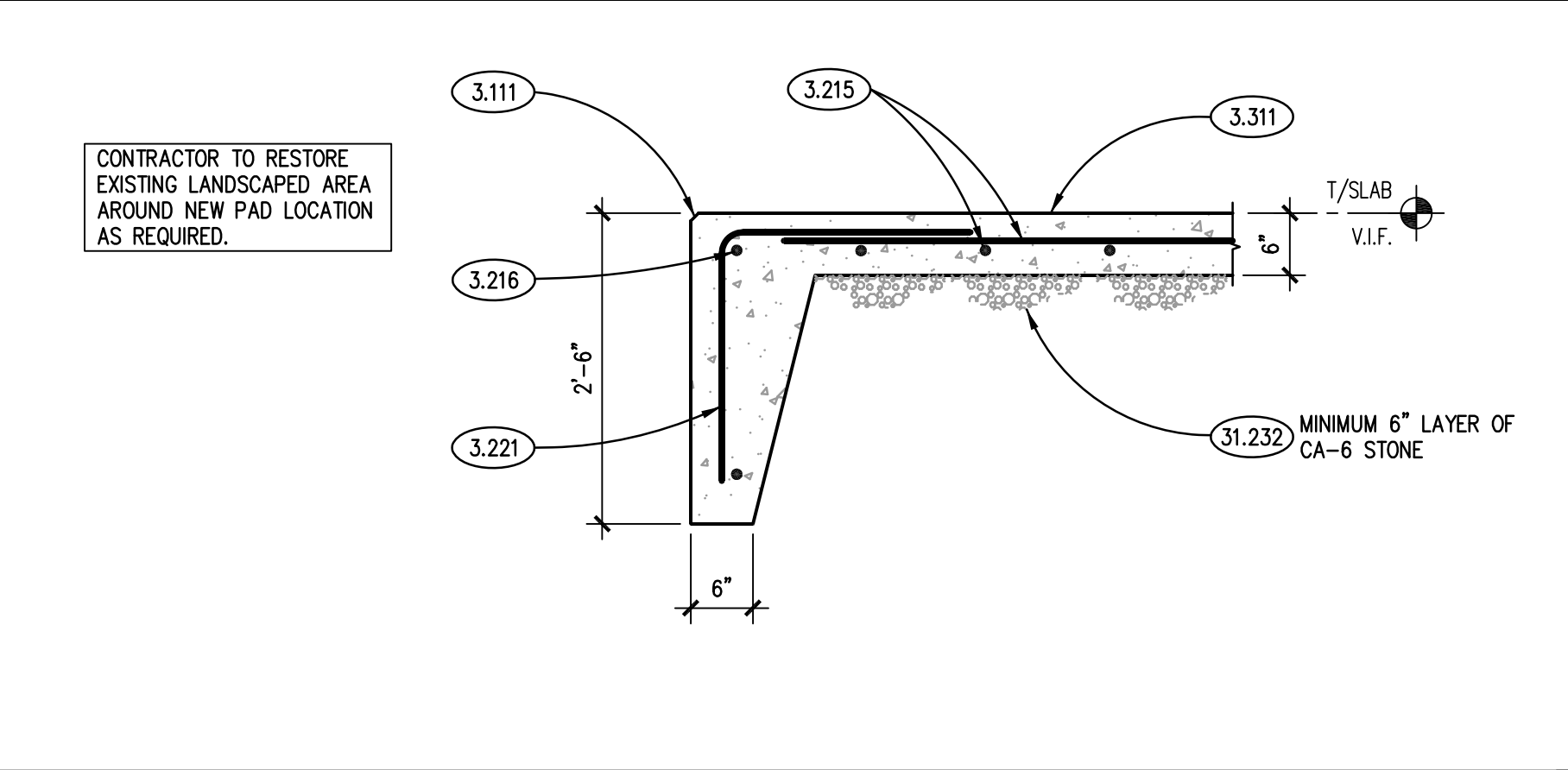
G100

ELECTRICAL SYMBOLS LIST

SYMBOL	DESCRIPTION
[RAP]	GENERATOR REMOTE ANNUNCIATOR PANEL.
[PANEL]	PANEL 240V & BELOW.
[WP]	GFCI(GROUND FAULT CIRCUIT INTERRUPTER) PROTECTED RECEPTACLE. WP=WEATHER PROOF. 20A 125V 2P 3W GRD. NEMAS-20R. @18" AFF EMERGENCY PUSHBUTTON STATION.
[JB]	JUNCTION BOX
[WIRING]	WIRING IN CONDUIT CONCEALED ABOVE CEILING, IN WALL AND UNDER FLOOR OR UNDERGROUND.
[WIRING]	WIRING IN CONDUIT EXPOSED ON CEILING OR WALL.
[HOMERUN]	BRANCH CIRCUIT WIRING IN CONDUIT HOMERUN TO PANEL. ONE ARROW PER HOMERUN. SLASHES INDICATE NUMBER OF CONDUCTORS.
[INDICATED]	INDICATES ISOLATED GROUND CONDUCTOR.
[KEYNOTE]	KEYNOTE IDENTIFICATION
[AF]	AMPS FRAME
[AFG/AFF]	ABOVE FINISH GRADE OR ABOVE FINISH FLOOR
[AT]	AMPS TRIP
[ATS]	AUTOMATIC TRANSFER SWITCH
[GRS]	GALVANIZED RIGID STEEL

KEYNOTES

- 2.001 OWNER TO RELOCATE BROOM HANGER SYSTEM.
- 2.325 EXISTING CHAIN LINK FENCE TO REMAIN.
- 2.330 EXISTING FENCE POST TO REMAIN.
- 2.401 DEMOLISH PORTION OF EXISTING CHAIN LINK FENCE TO INSTALL NEW GATE.
- 2.402 DEMOLISH EXISTING FENCE POST AND PIER.
- 2.404 DEMOLISH PORTION OF EXISTING CONCRETE SIDEWALK.
- 2.408 DEMOLISH EXISTING CONCRETE PAD.
- 2.409 DEMOLISH EXISTING CONCRETE PIER.
- 3.010 CAST-IN-PLACE CONCRETE: EXISTING SIDEWALK/EQUIPMENT PAD TO REMAIN.
- 3.013 EXISTING CONCRETE PIER TO REMAIN.
- 3.025 CAST-IN-PLACE CONCRETE: PIER BY FENCE CONTRACTOR. SIZE AND DEPTH SUITABLE FOR APPLICATION.
- 3.082 SLABACKING: LEVEL EXISTING TRANSFORMER SLAB AS REQUIRED.
- 3.111 CONCRETE FORMING AND ACCESSORIES: CONTINUOUS 3/4" CHAMFER U.N.O.
- 3.215 CONCRETE REINFORCING: REINFORCING STEEL MAT, #5 @ 12" O.C. EACH WAY U.N.O.
- 3.216 CONCRETE REINFORCING: CONTINUOUS REINFORCING BAR, #5 U.N.O. QUANTITY AS DERIVED.
- 3.221 CONCRETE REINFORCING: #4 DOWELS @ 1'-0" O.C. HORIZONTAL LEGS 2'-6", VERTICAL LEGS 2'-6" U.N.O.
- 3.303 CAST-IN-PLACE CONCRETE: 5" EXTERIOR SLAB-ON-GRADE. REFER TO SPECIFICATIONS FOR MIX TYPE AND FINISH. REINFORCE WITH WWF-6x6 W2.1 x W2.1. SLOPE FOR DRAINAGE AWAY FROM BUILDING.
- 3.311 CAST-IN-PLACE CONCRETE: EXTERIOR EQUIPMENT PAD. PROVIDE MINIMUM 6" THICK PAD WITH 2'-6"x6" WIDE THICKENED EDGES. REINFORCE AS NOTED. LOCATED AT MID-DEPTH. REFER TO SPECIFICATIONS FOR MIX TYPE AND FINISH. COORDINATE WITH EQUIPMENT MANUFACTURER FOR ALL DIMENSIONS AND OTHER REQUIREMENTS.
- 3.362 CAST-IN-PLACE CONCRETE JOINT DEVICE/FILLER: SLAB CONTRACTION JOINT. SAWCUT 4-12 HOURS AFTER POUR. EMBEDDED PLASTIC STRIPS ALSO ACCEPTABLE.
- 22.101 DRAINAGE AND SUBDRAINAGE: DEMOLISH ELBOW AT END OF EXISTING DOWNSPOUT; EXTEND EXISTING DOWNSPOUT TO GRADE USING LIKE MATERIALS; PREPARE PVC BOOT/RECEPTOR AT 6" ABOVE GRADE AND SEAL DOWNSPOUT TO SAME; SALVAGE AND RE-INSTALL EXISTING 6" PERFORATED (ADD NEW AS REQUIRED) PVC SUBDRAINAGE PIPING FROM BOOT/RECEPTOR (SEE SITE PLAN FOR ROUTING); DAYLIGHT PIPING USING PVC POP-UP-TYPE YARD DRAIN; SLEEVE PVC SUBDRAINAGE PIPING IN GEOTEXTILE FILTER FABRIC AND LAY IN 2'-0" DEEP x 1'-0" WIDE TRENCH. PROVIDE 6" CRUSHEDSTONE BEDDING IN TRENCH AND AROUND PIPE; CAP TRENCH WITH 8" OF TOPSOIL; SEED AREAS DISTURBED BY TRENCHING OPERATIONS.
- 26.001 SALVAGE NATURAL GAS GENERATOR AND ASSOCIATED POWER, CONTROL WIRING, TRANSFER SWITCH AND NATURAL GAS PIPING. TRANSPORT TO OWNERS FACILITY LOCATED AT 1960 INDIAN TRAIL ROAD.
- 26.002 HOMERUN CONTROL AND BRANCH CIRCUITS FROM ASCO CONTROL RELAYS DIRECTLY TO PANEL MDP. DEMOLISH PORTABLE GENERATOR PANEL.
- 26.003 ATS LOAD FEEDERS: PANEL, EM AND UPS (LOCATED IN BASEMENT). HOMERUN EM FEEDER TO MDP. DEMOLISH FEEDER TO UPS AND RECOMMISSION UPS SYSTEM.
- 26.004 PROVIDE NEW ATS - LOCATE MINIMUM THREE FEET FROM FACE OF PANELBOARD PP AND MDP. SALVAGE EXISTING ATS AND TRANSPORT TO OWNERS FACILITY LOCATED AT 1960 INDIAN TRAIL ROAD.
- 26.005 PROVIDE 2(QUANT) 20/1 BREAKERS FOR GENERATOR HEATER AND CHARGER.
- 26.006 DISCONNECT AND RECONNECT SERVICE LATERAL AND GROUND CONDUCTORS FOR PAD REPAIR. COORDINATE WITH UTILITY FOR DISCONNECTION AND TEMPORARY REMOVAL OF TRANSFORMER FOR PAD REPAIR.
- 31.232 EXCAVATION FILL: ENGINEERED GRANULAR FILL. ASSUME MINIMUM 24" DEPTH TO ACCOMMODATE REMOVAL OF EXISTING TOP LAYER OF ORGANIC SOILS.
- 32.310 CHAIN LINK FENCE: PROVIDE 12' WIDE GATE. MATCH EXISTING FENCE CONFIGURATION, STYLE AND COLOR. MAINTAIN BARBED WIRE ON TOP OF GATE PANELS. SEE PHOTO OF EXISTING FENCE - B/E310. PROVIDE CAME BOLT LATCH SLEEVED INTO CONCRETE PIER AT GATE CENTER.
- 32.315 CHAIN LINK FENCE: NEW GATE POST. SIZE POST APPROPRIATELY FOR GATE PANEL LOAD.
- 32.320 CHAIN LINK FENCE: PROVIDE NEW CHAIN LINK FABRIC INFILL TO MATCH EXISTING PROPERTIES AND FINISH BETWEEN EXISTING POSTS AND NEW GATE POSTS.
- 32.921 LAWN/GRASSED AREA- FEEDER: RESTORE ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS.



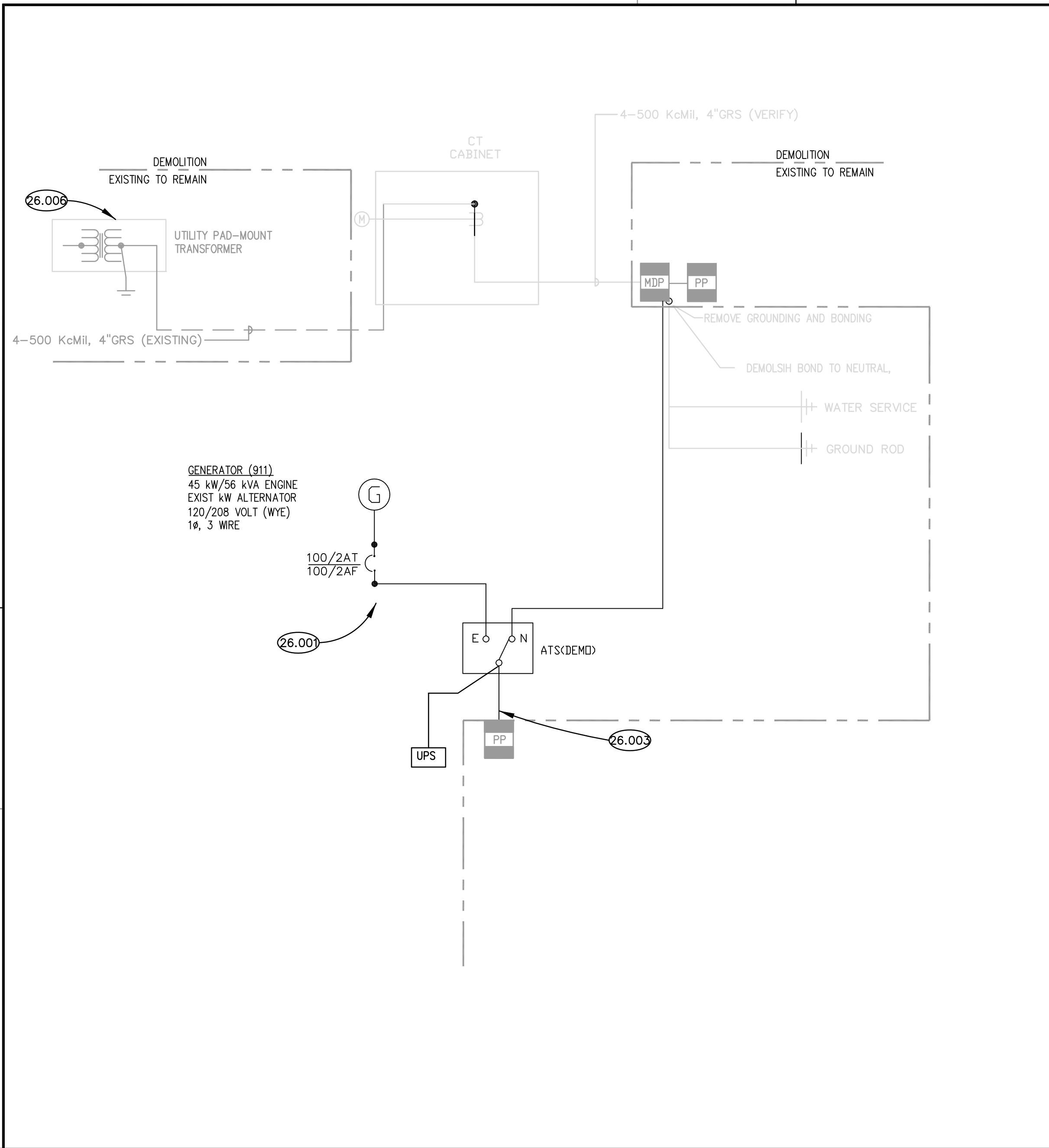
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CITY OF AURORA FIRE STATION #5 EMERGENCY GENERATOR
 CITY OF AURORA
 730 HILL AVENUE
 AURORA, IL 60505

ISSUED	DATE	BY	REVISION

JOB NO. 19-130-1235
 DRAWN MTK / VAD
 CHECKED MTK / JMB
 APPROVED MTK / JMB
 SHEET TITLE
ELECTRICAL PLAN AND DETAILS
 SHEET NUMBER
E310

P:\1235 - City of Aurora - Fire Station #5 Emergency Generator\3D_Design\Sheet\CD\00_Electrical\CD\00_Electrical.dwg, 3/1/2019 4:40:27 PM, vtd



ONE LINE RISER DIAGRAM - DEMOLITION
SCALE: NTS ①

PANEL : MDP (EXISTING) 400 MAIN CB

CKT. NO.	BRKR	DESCRIPTION	PHASE		DESCRIPTION	BRKR	CKT. NO.
			A	C			
1	20/1	REC-WORK ROOM			BLANK	SP	2
3	20/1	REC-NORTH ROOM			BLANK	SP	4
5	20/1	REC-APPARATUS			BLANK	SP	6
7	20/1	LTG-REEL LITES			TRANSFORMER	100/2	8
9	20/1	HTG-APPARATUS HEATERS			/	/	10
11	20/1	LTG-EM WEST SIDE			SPARE	60/2	12
13	20/1	SPARE			/	/	14
15	20/1	APPL-CEILING FAN			LTG-CONTACTOR	20/1	16
17	20/1	LTG-ATTIC			HVAC-EF EAST	20/1	18
19	20/3	APPL-VACUUM			LTG-EM EAST, POP MACHINE	20/1	20
21	/	/			APPL-DRYER	30/2	22
23	/	/			/	/	24
25	20/1	LTG-LOCKER			SPARE	60/2	26
27	20/1	LTG-TOILET			/	/	28
29	20/1	LTG-DORM			SPARE	20/1	30
31	20/1	LTG-APPARATUS			LTG-APPARATUS	20/1	32
33	20/1	LTG-APPARATUS			LTG-APPARATUS	20/1	34
35	20/1	LTG-APPARATUS			LTG-APPARATUS	20/1	36
37	20/1	LTG-APPARATUS			LTG-APPARATUS	20/1	38
39	20/1	LTG-APPARATUS			LTG-APPARATUS	20/1	40
41	20/1	LTG-APPARATUS			LTG-APPARATUS	20/1	42

VOLTAGE: 120/208 VOLT, 3 PHASE, 3 WIRE
 TOTAL PHASE A: 15200
 TOTAL PHASE B: 15200
 TOTAL PHASE C: 15200
 SUB TOTAL WATTS: 45600 DEMAND WATTS: 32960
 SUB TOTAL AMPS: 126.7 DEMAND AMPS: 91.6

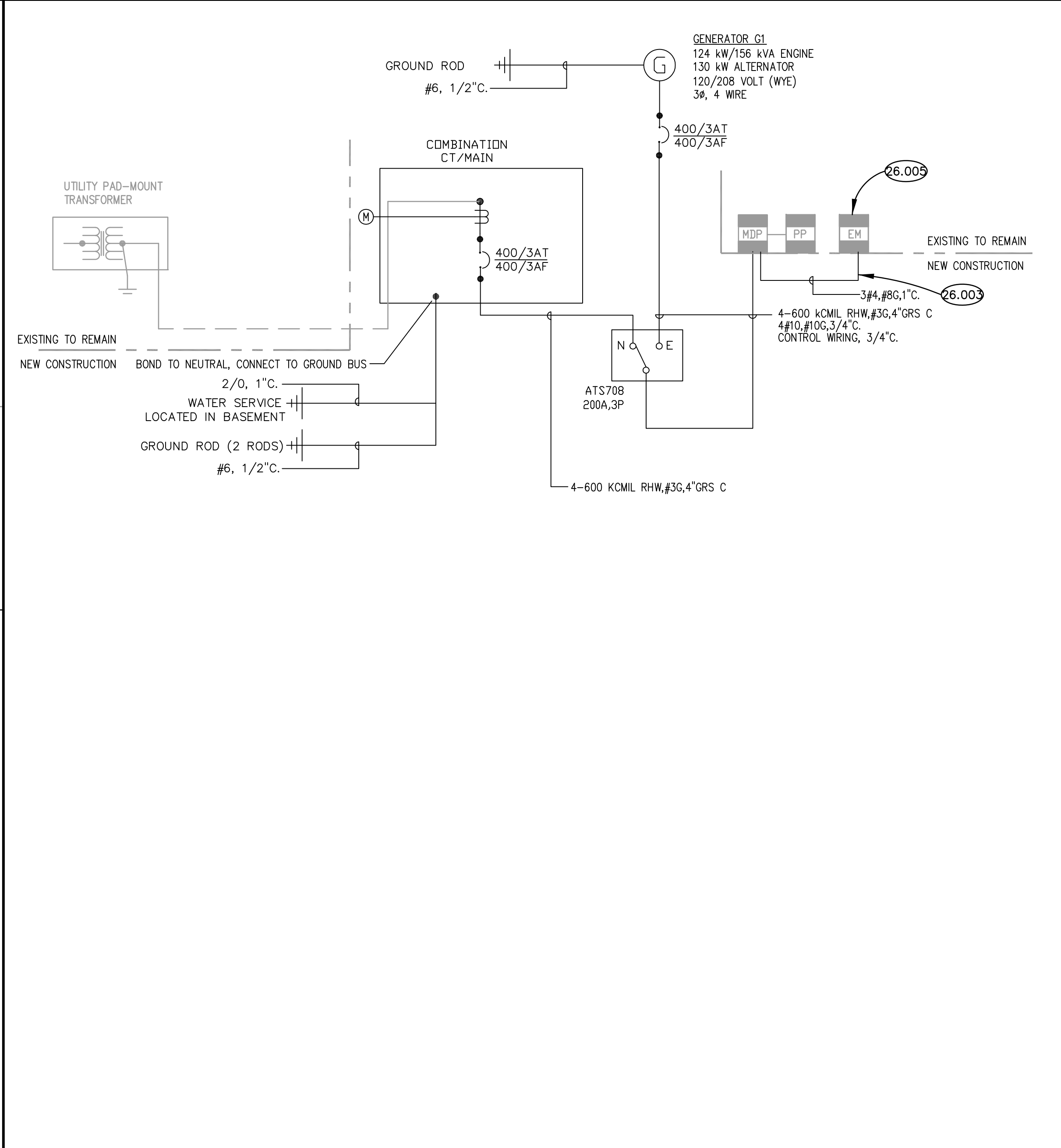
NOTES:
 1. BOTTOM FEED, NEMA1 ENCLOSURE, GROUND BUS
 2. LOCKABLE COVER, SURFACE MOUNTED
 3. 10000 AIC
 4. SQUARE D HOOD (EXISTING)
 * DENOTES HANDLELOCK CIRCUIT BREAKER

PANEL SCHEDULES
SCALE: NTS ②

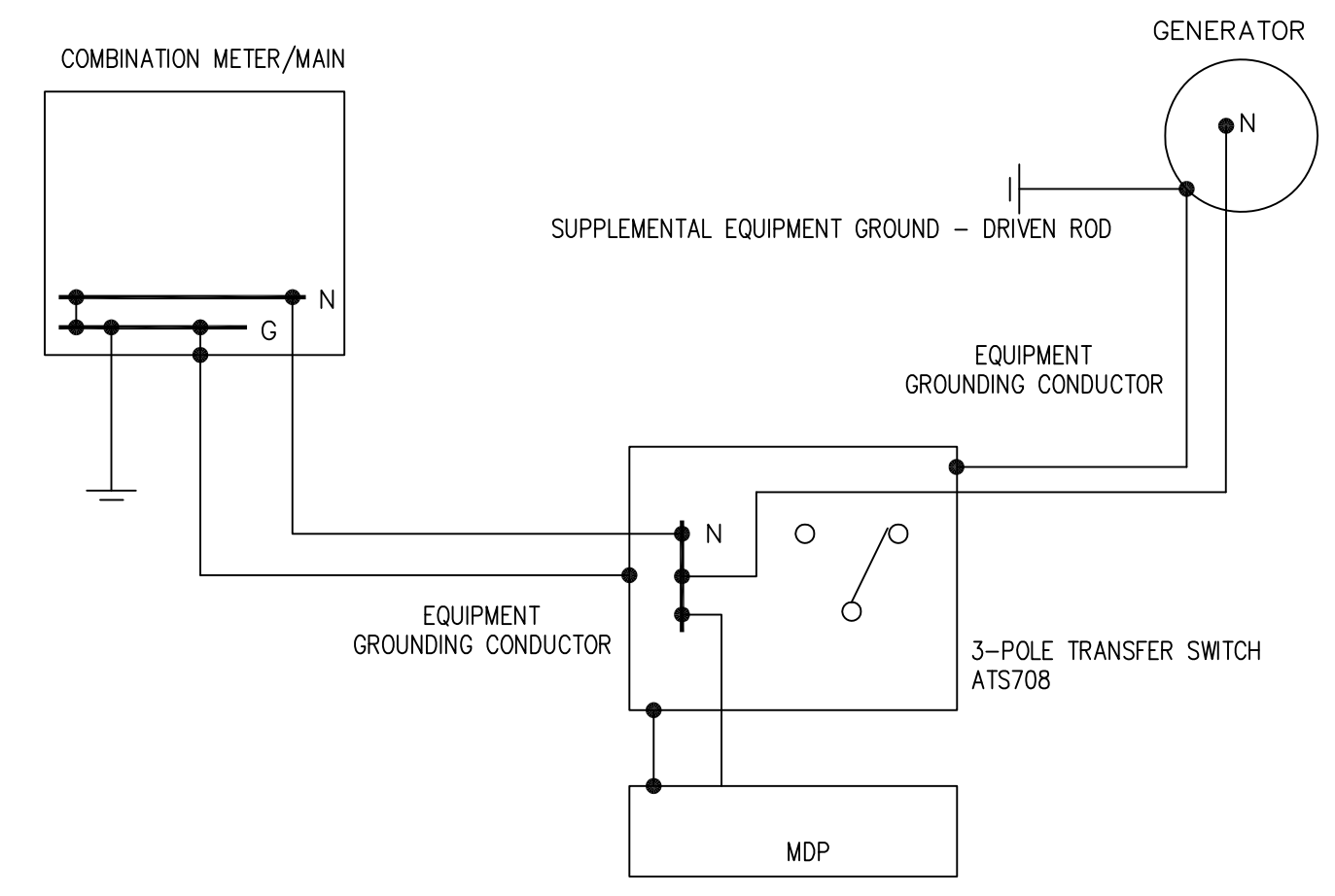
KEYNOTES

26.001 SALVAGE NATURAL GAS GENERATOR AND ASSOCIATED POWER, CONTROL WIRING, TRANSFER SWITCH AND NATURAL GAS PIPING. TRANSPORT TO OWNERS FACILITY LOCATED AT 1960 INDIAN TRAIL ROAD.
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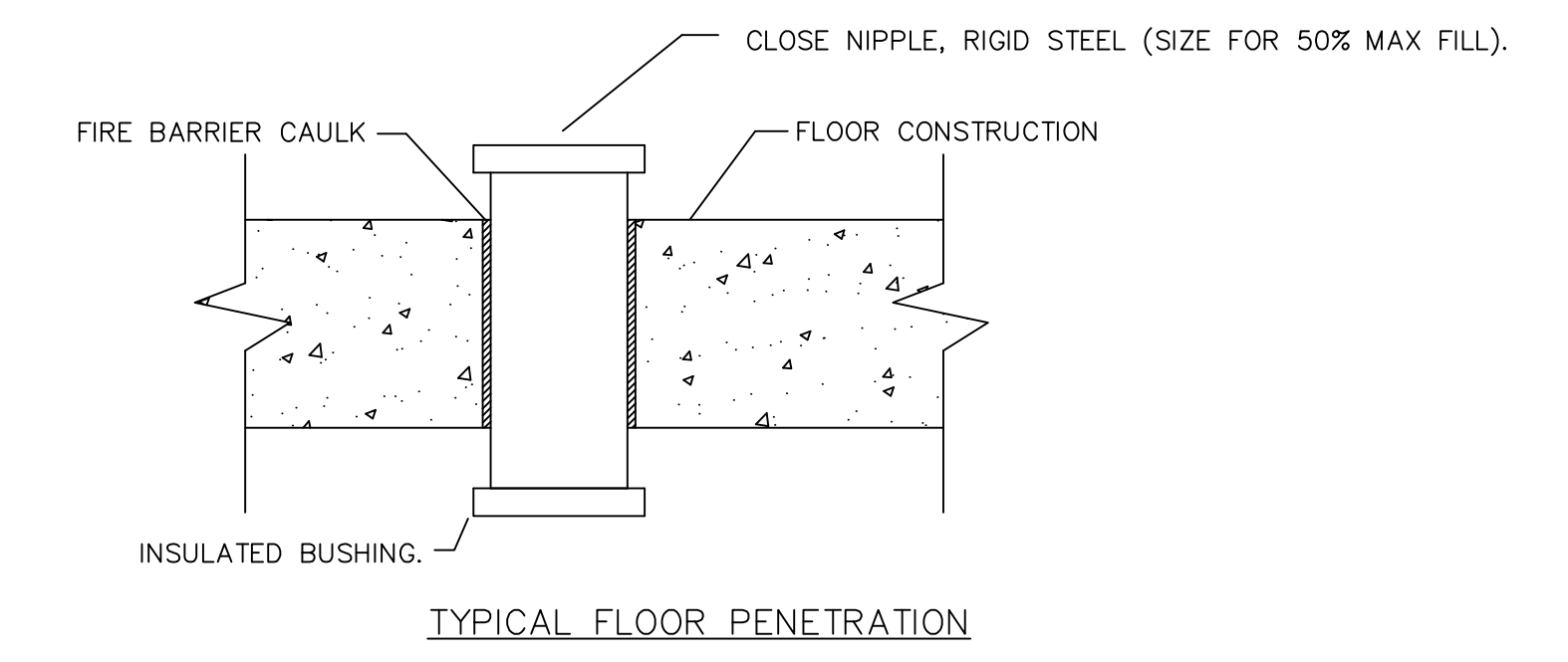
KEY NOTES
SCALE: NTS ③



ONE LINE RISER DIAGRAM - REMODEL
SCALE: N.T.S. ④

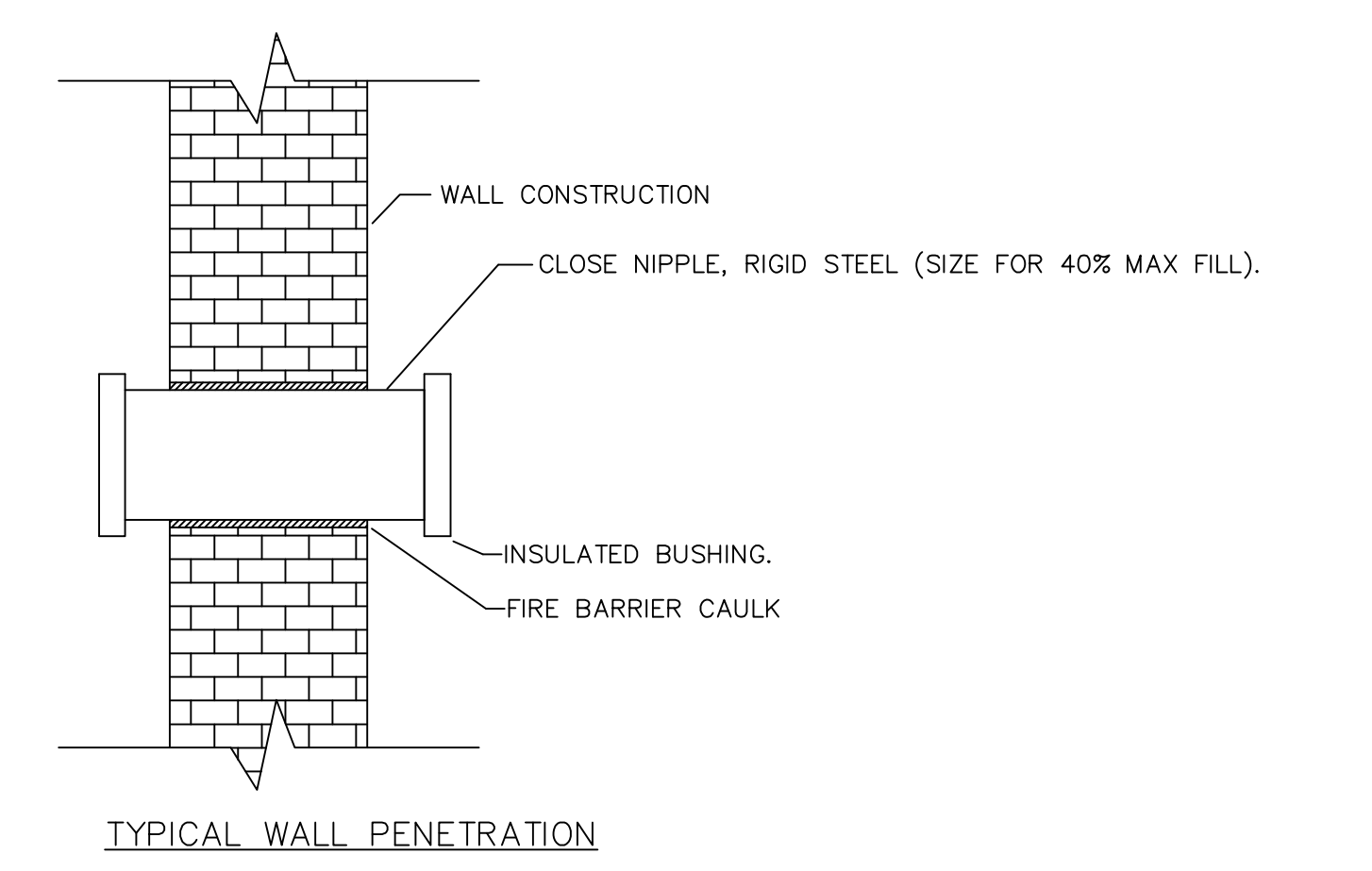


GENERATOR/ATS GROUNDING DETAIL
SCALE: NTS ⑤



NOTES:
 1. NEATLY CORE ALL MASONRY AND BLOCK WALLS.
 2. RIGIDLY SUPPORT ALL RACEWAYS.
 3. PROVIDE FIRE BARRIER CAULK AT FLOOR, CORRIDOR AND FIRE SEPARATION WALLS.

TYP. FLOOR PENETRATION DETAIL
SCALE: N.T.S. ⑥



NOTES:
 1. NEATLY CORE ALL MASONRY AND BLOCK WALLS.
 2. RIGIDLY SUPPORT ALL RACEWAYS.
 3. PROVIDE FIRE BARRIER CAULK AT FLOOR, CORRIDOR AND FIRE SEPARATION WALLS.

TYP. WALL PENETRATION DETAIL
SCALE: N.T.S. ⑦

ISSUED	DATE	BY	REVISION

JOB NO.	19-130-1235
DRAWN	MTK
CHECKED	MTK
APPROVED	MTK
SHEET TITLE	
ELECTRICAL ONE LINE DIAGRAM, AND PANEL SCHEDULES	
SHEET NUMBER	