

**SECTION 00 91 01
ADDENDUM NUMBER 1**

DATE: APRIL 9, 2019

**PROJECT: FIRE STATION #5 - EMERGENCY GENERATOR
730 HILL AVENUE
AURORA, IL 60505**

PROJECT NO: 19-130-1235

**OWNER: CITY OF AURORA
44 E. DOWNER PLACE
AURORA, IL 60507**

TO: PROSPECTIVE BIDDERS / PLANHOLDERS OF RECORD

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated March 22, 2019, with amendments and additions noted below. Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of three (3) pages and Drawings E310 AND E610.

CHANGES TO SPECIFICATIONS

1.01 SECTION 01 10 00 - SUMMARY

A. Under Article 1.06 CONTRACTOR USE OF SITE AND PREMISES:

1. Add new Subparagraph E.4 as follows:

"4. The Contractor must notify the City of Aurora and Kluber at least 72 hours in advance of a power outage."

CHANGES TO THE DRAWINGS

2.01 DRAWING E310 - ELECTRICAL FLOOR PLANS AND DETAILS

A. Delete this drawing in its entirety and replace with revised Drawing E310 attached. Refer to Revision 1 Cloud Items.

2.02 DRAWING E610 - ELECTRICAL ONE LINE DIAGRAM AND PANEL SCHEDULES

A. Delete this drawing in its entirety and replace with revised Drawing E610 attached. Refer to Revision 1 Cloud Items.

CONTRACTOR QUESTIONS

3.01 Should the existing generator be utilized while outages occur to the electrical service or should we just plan on the Fire Station requiring no electrical power for 12 hour periods per drawing G100 General Notes B. 7.?

A. Temporary power is not required during this approved shut down duration.

3.02 Would it be beneficial to replace the existing secondary conductors from the Com-Ed transformer to the new meter socket?

A. Contractor can propose this option as a voluntary alternate.

3.03 When the concrete pad for the Com-Ed transformer is raised up, the secondary and primary conductors may not be long enough anymore. Has thought been put in to what Com-Ed may require for this?

A. Pad will be set to the existing elevation prior to its current settlement condition.

3.04 Would it be a good idea to remove the existing Com-Ed transformer pad and replace it with a new precast pad?

A. Contractor can propose this option as a voluntary alternate.

3.05 Does the City of Aurora have any preferred fence installers?

A. The City of Aurora has a preference for local vendors.

3.06 Can you please state if the bid will require the secondary feeders to be replaced from ComEd transformer to new CT cabinet?

A. No.

3.07 If so what type of insulation will be required for the secondary conductors?

A. Not applicable.

3.08 Will the City coordinate the ComEd permits/shutdowns or the G.C.? IF G.C. Is to coordinate can City provide there ComEd contact person?

A. Contractor will coordinate shut down. Owner will provide contact information to successful bidder.

3.09 Will the bid require a new transformer pad?

A. Contractor can provide either new cast-in-place or precast slab if they feel the "slab-jacking" approach is not the best option. We have updated Sheet E310 (attached) to reflect this option.

3.10 If no new pad is required what is expected of the E.C. to rework the existing pad?

A. See answer to Question 2.09 above.

3.11 Is a temporary diesel generator allowed for the duration of the pad replacement (multiple 24 hour days) to back feed the Fire house? Current Generator is only single phase and not large enough for the summertime needs.

A. Temporary power is not required.

3.12 Who will provide fuel for the temporary generator during the outage duration? G.C. or City?

A. Temporary power is not required.

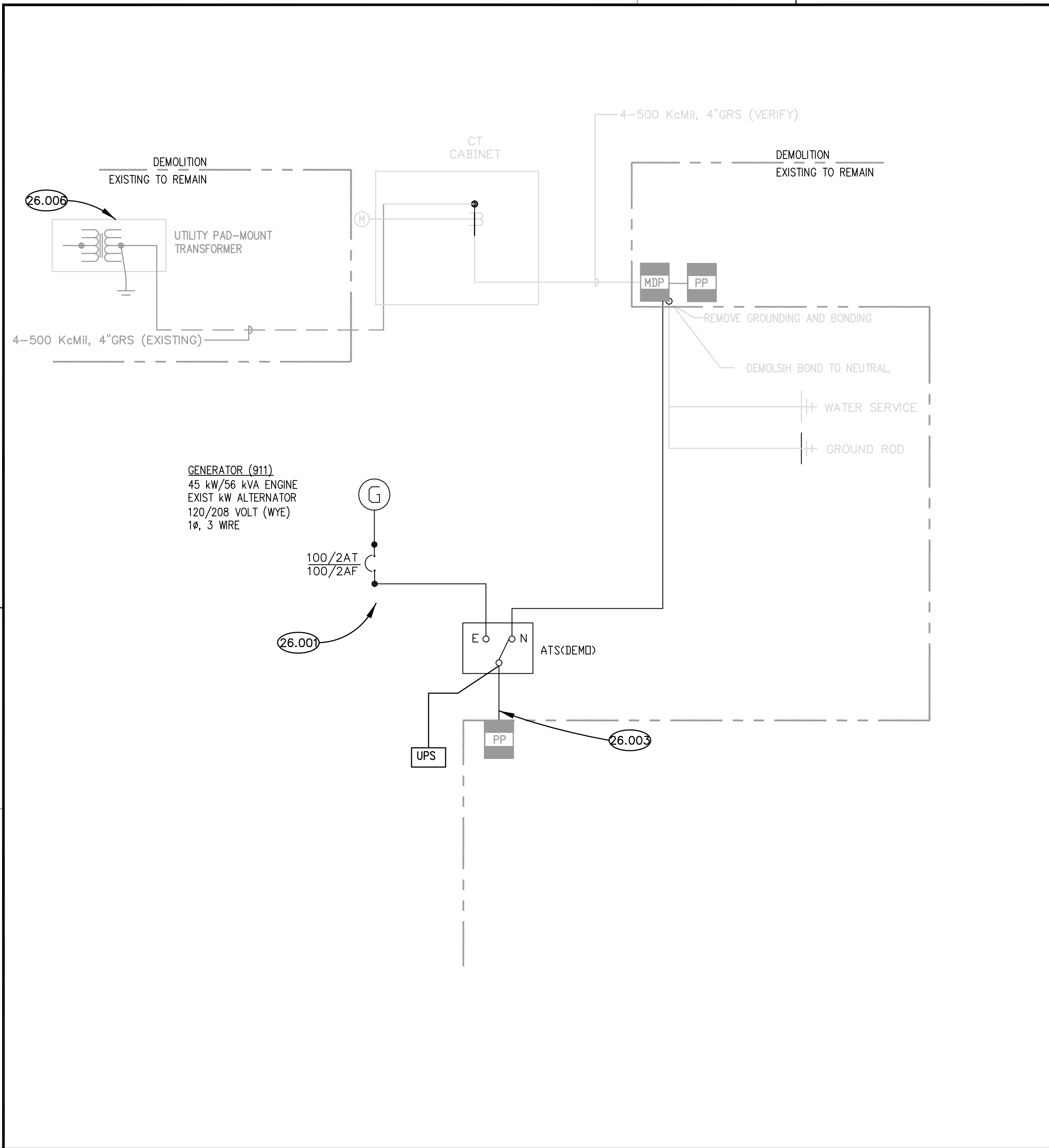
3.13 Keynotes 3.082 and 26.006. With ComEd removing and resetting the existing transformer, does the repair of the transformer pad/slab have to comply with ComEd standards? If not ComEd standards, to what standards shall apply for the repair of the existing transformer pad/slab?

A. See updated Sheet E310 (attached).

3.14 A question was raised at the Pre-Bid Meeting regarding accessing the work site on the north side of the building.

A. The tree at the northwest corner of the building will be removed. This will allow the contractor access to the site off of the road by going over the berm, in addition to accessing via the parking lot.

END OF DOCUMENT



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: 128.7 DEMAND AMPS: 91.6

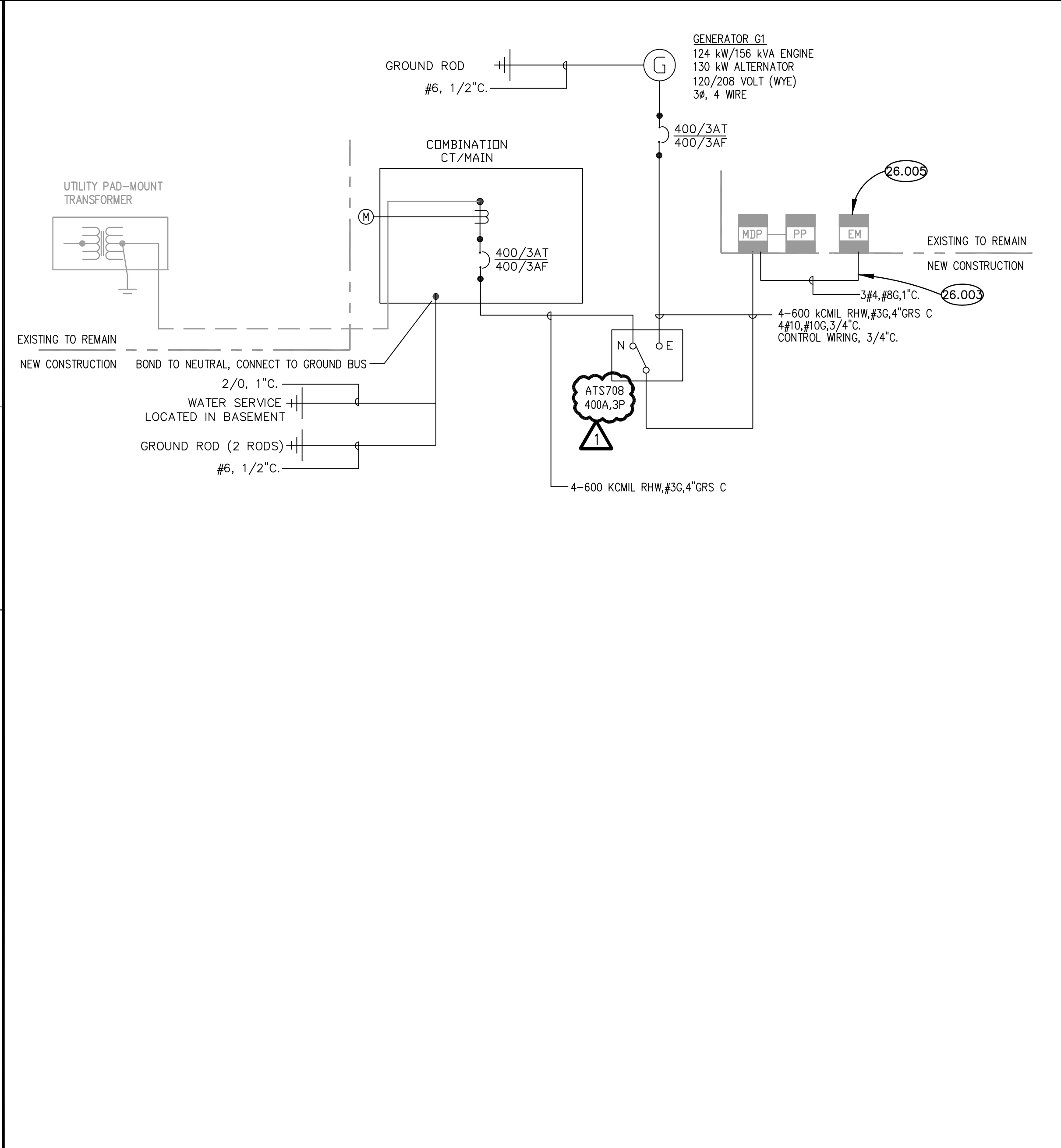
NOTES:
 1. BOTTOM FEED, NEMA1 ENCLOSURE, GROUND BUS
 2. LOCKABLE COVER, SURFACE MOUNTED
 3. 10000 AIC
 4. SQUARE D HOOD (EXISTING)
 * DENOTES HANDLELOCK CIRCUIT BREAKER

PANEL SCHEDULES
SCALE: NTS ②

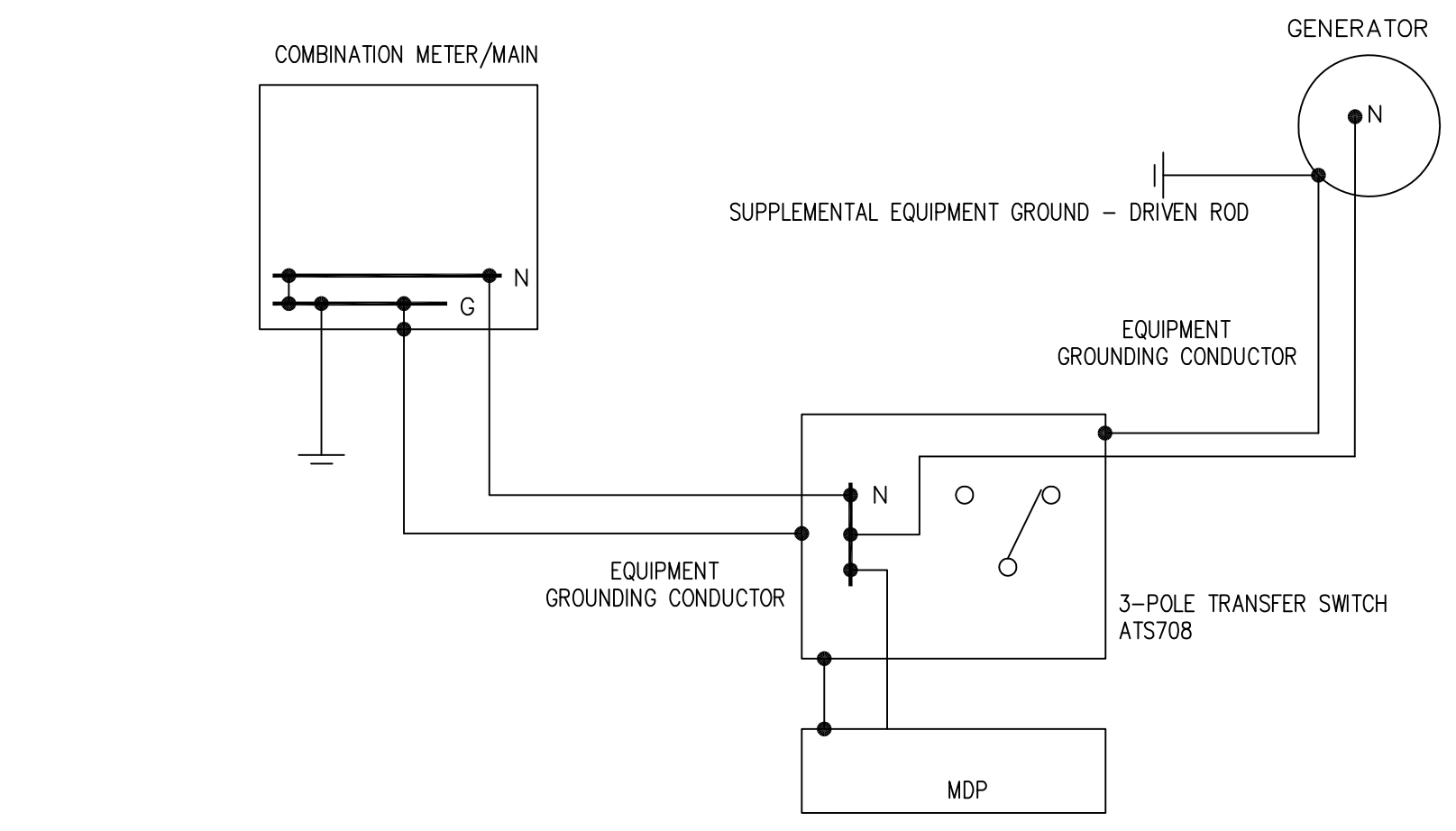
KEYNOTES

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.
 26.003 ATS LOAD FEEDERS: PANEL EM AND UPS (LOCATED IN BASEMENT), HOMERUN EM FEEDER TO MDP. DEMOLISH FEEDER TO UPS AND DECOMMISSION UPS SYSTEM.
 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.

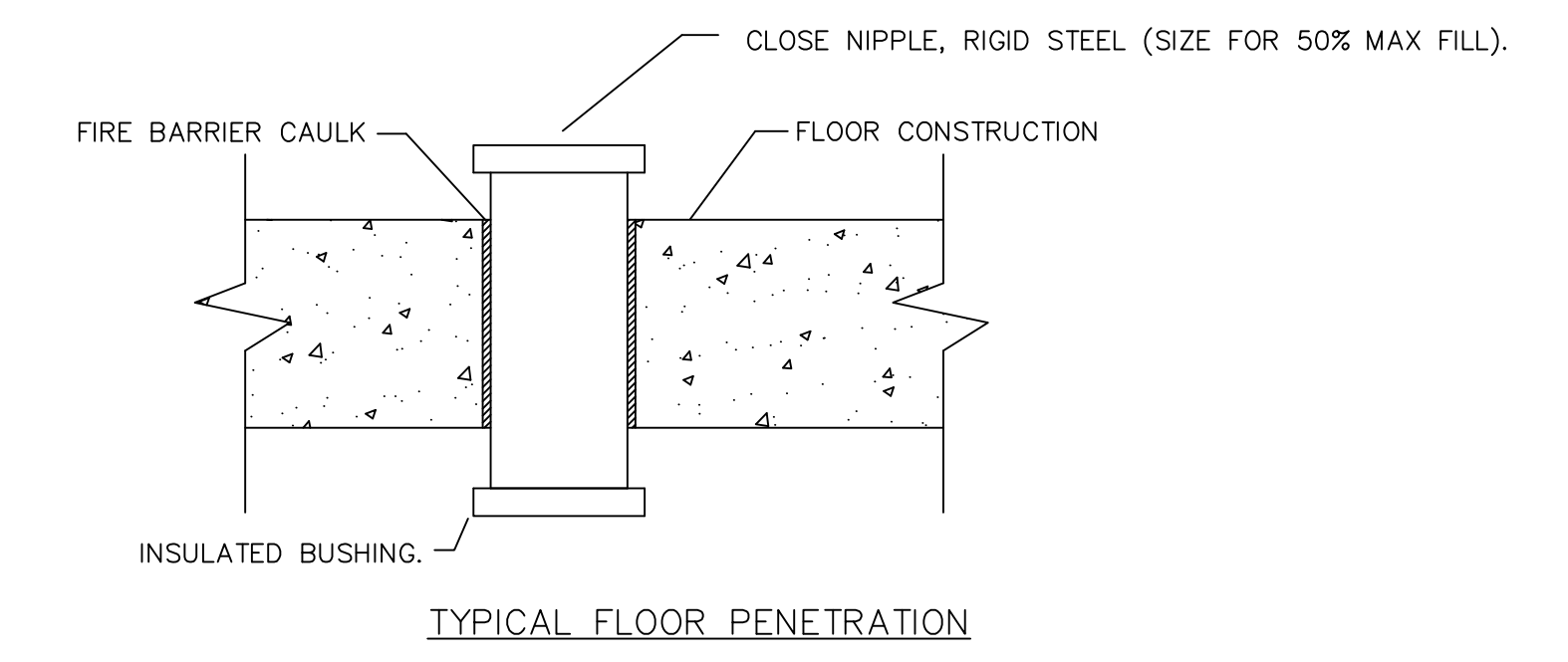
KEY NOTES
SCALE: NTS ③



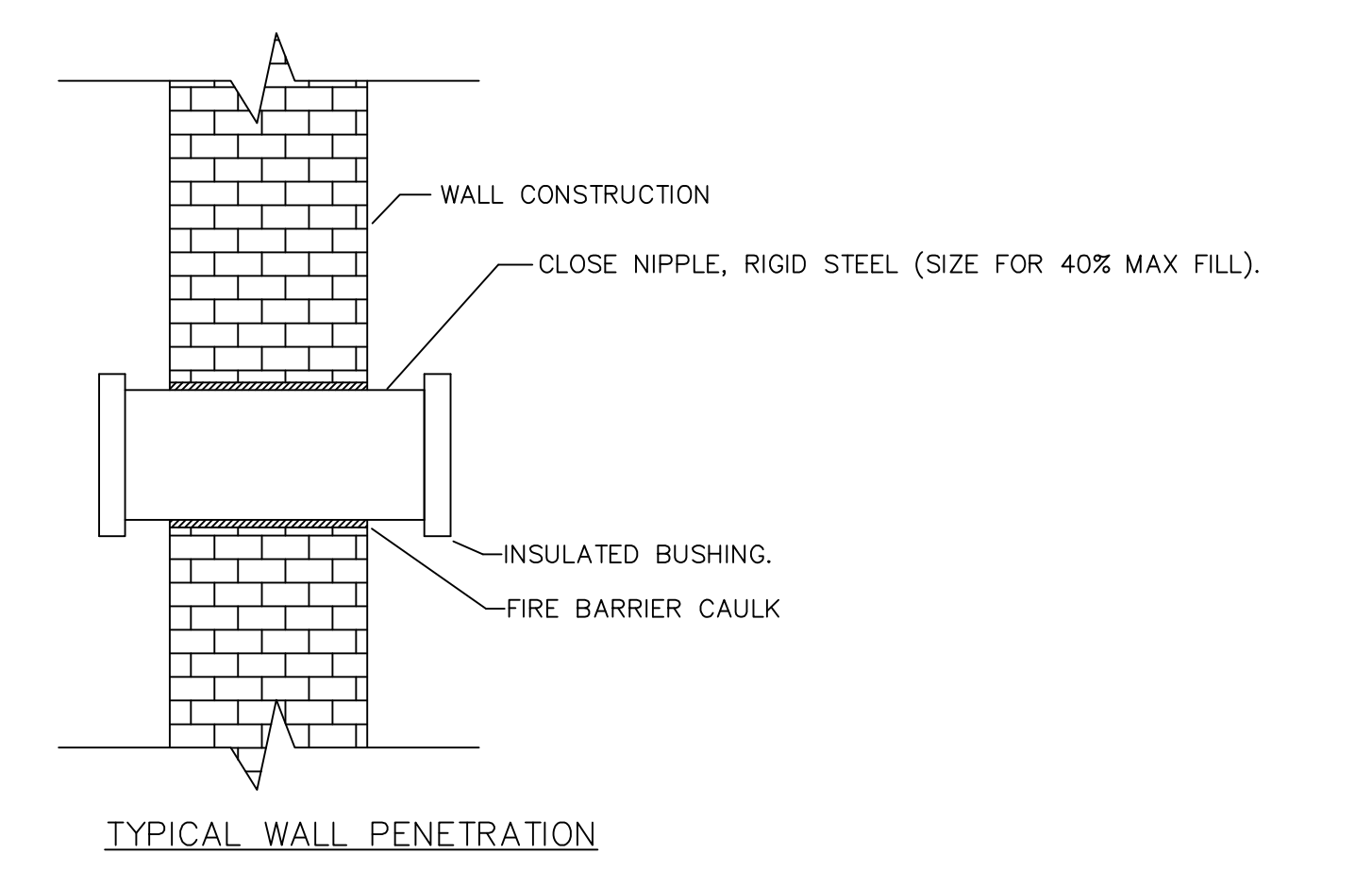
ONE LINE RISER DIAGRAM - REMODEL
SCALE: N.T.S. ④



GENERATOR/ATS GROUNDING DETAIL
SCALE: NTS ⑤



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



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

ISSUED FOR DISCUSSIONS	DATE	BY	DESCRIPTION NO.
1	04/02/19	MTK	

JOB NO.	19-130-1235
DRAWN	MTK
CHECKED	MTK
APPROVED	MTK

SHEET TITLE
ELECTRICAL ONE LINE DIAGRAM, AND PANEL SCHEDULES

SHEET NUMBER