

### DISTRIBUTION SYSTEM GENERAL NOTES

- ALL CONSTRUCTION WORK SHALL BE DONE IN ACCORDANCE WITH THE STAKING SHEETS, NOTES TO STAKING SHEETS, SPECIFICATIONS, AND THE DRAWINGS.
- ALL INSTALLATION SHALL MEET THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL SAFETY CODE (NEC), ANSI C2, AND THE NATIONAL ELECTRICAL CODE, NFPA 70, INCLUDING ANY STATE OF ALASKA AMENDMENTS. RUS BULLETIN 1728F-804, SPECIFICATIONS AND DRAWINGS FOR 12.47/7.2 kV LINE CONSTRUCTION SHALL BE FOLLOWED UNLESS SPECIFICALLY MODIFIED BY THESE DRAWINGS OR SPECIFICATIONS. ALL MATERIALS SHALL BE RUS APPROVED. OBTAIN COPIES OF THE RUS BULLETINS AND MAINTAIN COPIES ON THE JOB SITE. ADDITIONALLY, CONSTRUCTION SPECIFICATIONS ARE INCLUDED IN DIVISIONS 26 AND 33 OF THE CONSTRUCTION DOCUMENTS. CONTRACTOR SHALL BE THOROUGHLY FAMILIAR WITH THE CONTRACT DOCUMENTS, RUS CONSTRUCTION UNITS, AND ANSI C2.
- THE EXISTING ELECTRICAL DISTRIBUTION SYSTEM CURRENTLY SERVES CUSTOMERS. SERVICE SHALL BE MAINTAINED AT ALL TIMES TO THE CUSTOMERS EXCEPT WHEN OUTAGES ARE REQUIRED FOR SERVICE CONVERSION OR OTHER CONSTRUCTION RELATED ACTIVITIES. ALL OUTAGES SHALL BE COORDINATED IN ADVANCE WITH NAPASKIAK ELECTRIC UTILITY (OWNER). PRIOR TO COMMENCING WORK ON THE UPGRADE, MEET WITH NAPASKIAK ELECTRIC UTILITY TO DEVELOP AN OUTAGE SCHEDULE THAT WILL KEEP DISRUPTIONS OF POWER TO THE CUSTOMERS TO A MINIMUM. NAPASKIAK ELECTRIC UTILITY SHALL HAVE FINAL AUTHORITY ON WHEN OUTAGES CAN OCCUR.
- UNLESS OTHERWISE INDICATED, THE EXISTING PRIMARY AND SECONDARY DISTRIBUTION SYSTEM, INCLUDING HARDWARE, CONDUCTORS (BOTH PRIMARY AND SECONDARY), TRANSFORMERS, CROSSARMS, INSULATORS, LIGHTS, ANCHOR RODS, GUYS, AND ALL OTHER MATERIAL DIRECTLY RELATED TO THE EXISTING ELECTRICAL DISTRIBUTION SYSTEM BEING TAKEN OUT OF SERVICE SHALL BE REMOVED AFTER COMPLETION OF THE INSTALLATION, ENERGIZATION, AND SERVICE CONVERSIONS TO THE NEW ELECTRICAL DISTRIBUTION SYSTEM. POLES THAT HAVE TELECOM SYSTEM CONDUCTORS OR EQUIPMENT ATTACHED SHALL NOT BE REMOVED.
- ALL EXISTING UTILITIES MAY NOT BE SHOWN. CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES PRIOR TO DIGGING HOLES FOR POLES AND ANCHORS. COORDINATE WITH THE NAPASKIAK ELECTRIC UTILITY AND THE CITY OF NAPASKIAK TO LOCATE UNDERGROUND UTILITIES.
- THE DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY SHOW ALL FEATURES OF THE REQUIRED WORK. PROVIDE ALL EQUIPMENT AND MATERIALS REQUIRED FOR A COMPLETE SYSTEM. VERIFY EXISTING FIELD CONDITIONS PRIOR TO STARTING CONSTRUCTION. IMMEDIATELY CONTACT THE ENGINEER FOR CLARIFICATION OF QUESTIONABLE ITEMS OR APPARENT CONFLICTS.
- ENSURE THAT APPROPRIATE SAFETY MEASURES ARE IMPLEMENTED AND THAT ALL WORKERS ARE AWARE OF THE POTENTIAL HAZARDS FROM ELECTRICAL SHOCK ASSOCIATED WITH WORKING ON OR NEAR AN ENERGIZED MEDIUM VOLTAGE DISTRIBUTION SYSTEM.
- THE SITE PLANS USED WERE DEVELOPED USING A COMBINATION OF AERIAL PHOTOGRAPHY AND SURVEY DATA PROVIDED BY OTHERS. ANY VARIATIONS BETWEEN WHAT IS SHOWN AND THE ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- SEE CONSTRUCTION SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COORDINATING HIS WORK WITH EXISTING FACILITY OPERATORS, OTHER CONTRACTORS AND/OR SUBCONTRACTORS WORKING IN THE COMMUNITY, LOCAL UTILITY AND GOVERNMENT ORGANIZATIONS, AND STATE AND FEDERAL AUTHORITIES.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING CONSTRUCTION ACCESS FOR EQUIPMENT AND PERSONNEL AS REQUIRED TO COMPLETE POLE INSTALLATION, POLE HARDWARE AND CONDUCTOR INSTALLATION, AND ALL OTHER PROJECT TASKS. CONTRACTOR SHALL COORDINATION WITH LOCAL ENTITIES AND RESIDENTS, ERECT TEMPORARY STRUCTURES, AND PERFORM TEMPORARY REMOVAL/RELOCATION AND REPLACEMENT OF ALL STRUCTURES, STEAM HOUSES, ETC. AS NECESSARY TO COMPLETE THE WORK. ALL EXISTING STRUCTURES AFFECTED BY THE WORK SHALL BE RETURNED TO THEIR ORIGINAL OR BETTER CONDITION BY THE CONTRACTOR IMMEDIATELY AFTER THE CONTRACTOR'S WORK IN THAT AREA IS COMPLETED. CONTRACTOR SHALL COORDINATE ALL NECESSARY PUBLIC SAFETY ACTIVITIES INCLUDING SIGNAGE, BARRIERS, TRAFFIC CONTROL PLANS, LIGHTING, PUBLIC NOTIFICATIONS, AND OTHER ITEMS DEEMED NECESSARY TO PROTECT THE PUBLIC DURING CONSTRUCTION ACTIVITIES.
- NEW TRANSFORMERS ADD TO THE DISTRIBUTION SYSTEM OR REPLACING EXISTING TRANSFORMERS SHALL BE CONNECTED TO PHASES IN A WAY THAT BALANCES THE DISTRIBUTION SYSTEM. DURING CONSTRUCTION LOAD IMBALANCE SHOULD BE KEPT TO A MINIMUM AND SHALL NOT EXCEED 10%.

### TELECOM SYSTEM GENERAL NOTES

- THE EXISTING ELECTRICAL DISTRIBUTION SYSTEM POLES ARE SHARED WITH THE TELECOM SYSTEM, UNITED UTILITY, INC. CONTRACTOR SHALL NOT DISRUPT THE EXISTING TELECOM SYSTEM WITHOUT THE CONSENT OF THE TELECOM COMPANY. ANY PART OF THE EXISTING TELECOM SYSTEM DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED AS DIRECTED BY THE TELCOM COMPANY.
- UNLESS OTHERWISE NOTED ON THE DRAWINGS, THE EXISTING TELECOM SYSTEM SHALL REMAIN AS IS. WHERE POLES WITH TELECOM CONDUCTORS OR EQUIPMENT ARE REPLACED, TELECOM CONDUCTORS OR EQUIPMENT SHALL BE REATTACHED TO THE NEW POLE.
- POLES TAKEN OUT OF SERVICE THAT HAVE TELECOM CONDUCTORS OR EQUIPMENT ATTACHED SHALL NOT BE REMOVED.

### DISTRIBUTION UPGRADE SCOPE OF WORK

- THE SCOPE OF WORK FOR UPGRADING THE EXISTING ELECTRICAL DISTRIBUTION SYSTEM IN NAPASKIAK, ALASKA, IS AS FOLLOWS:
  - REPLACE EXISTING TRANSFORMERS NOTED. UPSIZE TRANSFORMERS WHERE REQUIRED TO ACCOMMODATE THE NUMBER OF SERVICES BEING SERVED.
  - INSTALL NEW TRANSFORMERS TO REDUCE EXCESSIVELY LONG SECONDARY RUNS.
  - RESET LEANING POLES, RE-TENSION GUYS, INSTALL NEW GUYS AND ANCHORS WHERE NEEDED AND REPLACE POLES TO RAISE LOW SECONDARY CONDUCTORS OR WHERE POLE CONDITION REQUIRE REPLACEMENT.
  - EXTEND PRIMARY DISTRIBUTION WHERE REQUIRED.
- THE LIMIT OF CONSTRUCTION FOR NEW SERVICE DROPS IS THE CONNECTION TO THE EXISTING SERVICE MAST OF THE HOUSE BEING SERVED. THE CONTRACTOR SHALL REMOVE THE EXISTING SECONDARY SERVICE DROP CONDUCTORS AS INDICATED ON THE DRAWINGS AND INSTALL NEW SERVICE CONDUCTORS AS INDICATED ON THE DRAWINGS. THE EXISTING METER BASE OR SERVICE MAST WILL NOT BE THE RESPONSIBILITY OF THE CONTRACTOR EXCEPT FOR PROVIDING DEADEND ASSEMBLIES AND MAKING THE CONNECTION TO THE EXISTING SERVICE ENTRANCE CONDUCTORS AT THE SERVICE MAST. IF THE EXISTING SERVICE MAST IS NOT IN SATISFACTORY CONDITION TO SUPPORT THE NEW SERVICE, THE CONTRACTOR SHALL NOTIFY NAPASKIAK ELECTRIC UTILITY FOR RESOLUTION. THE CONTRACTOR SHALL PROVIDED NOTIFICATION FAR ENOUGH IN ADVANCE TO ALLOW NAPASKIAK ELECTRIC UTILITY TIME TO REPAIR OR REPLACE THE SERVICE MAST.

### DISTRIBUTION SYSTEM INSTALLATION NOTES

- SEE SPECIFICATIONS FOR EQUIPMENT REQUIREMENTS AND COMPLETE REQUIREMENTS FOR ELECTRICAL DISTRIBUTION INSTALLATION.
- WHERE RUS UNITS ARE REFERENCED, MATERIAL ITEMS MAY NOT BE LISTED IN THE MATERIAL LIST. CONTRACTOR SHALL REFER TO RUS UNIT REFERENCED TO DETERMINE WHAT MATERIAL MUST BE PROVIDED.
- ANY MODIFIED RUS CONSTRUCTION UNIT OR ANY NEW CONSTRUCTION UNITS ARE INCLUDED IN THE DETAIL SHEETS OF THE DRAWINGS. ANY STANDARD RUS CONSTRUCTION UNITS REFERENCED ON THE DRAWINGS OR STAKING SHEETS SHALL BE OBTAINED BY THE CONTRACTOR. FAILURE TO HAVE THE CORRECT RUS CONSTRUCTION UNIT WILL NOT BE ACCEPTABLE AS AN EXCUSE FOR AN INCORRECT INSTALLATION.
- ALL HARDWARE SHALL BE ALUMINUM, HOT DIP GALVANIZED, OR STAINLESS STEEL. ALL SMALL FASTENERS SHALL BE STAINLESS STEEL.
- PRIMARY OVERHEAD CONDUCTOR SHALL #2 ACSR.
- ALL INSULATOR TIES SHALL BE PREFORMED TYPE. ALL NEUTRAL AND PHASE CONDUCTOR DEADENDS SHALL BE PREFORMED TYPE.
- ALL PHASE CONDUCTOR DEADENDS SHALL BE MADE USING A SHOE TYPE CLAMP.
- NOT ALL GROUNDS ARE SHOWN. GROUND NEUTRAL WIRE AND TRANSFORMER GROUNDED BUSHING ALONG WITH TRANSFORMER CASE. ROUTE #4 AWG SOLID COPPER GROUND CONDUCTOR DOWN POLE GROUND. ATTACH COPPER GROUND CONDUCTOR TO POLE WITH COPPER PLATED STAPLES. ALL CONNECTIONS TO CABLE SHALL BE MADE WITH COPPER COMPRESSION LUGS. NO ALUMINUM CONNECTORS OR CABLES SHALL BE USED, EXCEPT AT CONNECTIONS TO ACSR. AT ACSR CONNECTIONS, USE CONNECTORS RATED FOR COPPER/ALUMINUM.
- ALL QUANTITIES MAY NOT BE SHOWN. DETERMINE QUANTITIES OF ALL NECESSARY MATERIAL AND EQUIPMENT.
- ARMOR RODS SHALL BE PROVIDED FOR ALL NEW ACSR CONDUCTORS. ARMOR RODS SHALL BE INSTALLED AT EACH INSULATOR BUT WILL NOT BE REQUIRED AT PRIMARY DEAD-END ASSEMBLIES.
- INSULATORS SHALL BE SELECTED TO PROPERLY ACCOMMODATE THE ARMOR ROD INSTALLED ON THE CONDUCTOR.

### DISTRIBUTION SYSTEM TEMPORARY INSTALLATION NOTES

- THE UPGRADES TO THE EXISTING ELECTRICAL DISTRIBUTION SYSTEM WILL REQUIRE TEMPORARY INSTALLATIONS TO MINIMIZE OUTAGES AND MAINTAIN POWER TO THE CUSTOMERS DURING THE CONSTRUCTION OF THE UPGRADES. AS INDICATED, ALL OUTAGES SHALL BE COORDINATED WITH AND APPROVED BY THE NAPASKIAK ELECTRIC UTILITY. ACCEPTABLE METHODS WILL BE AS FOLLOWS:
  - CONTRACTOR MAY INSTALL TEMPORARY INSULATED MEDIUM VOLTAGE CONDUCTORS AND ROUTE THE CONDUCTORS ON THE GROUND. IF THIS METHOD IS CHOSEN, THE AT-GRADE CONDUCTORS SHALL BE PROTECTED FROM VANDALISM AND DAMAGE AND PROVISIONS SHALL BE MADE FOR THE SUPPORT OF THE EXISTING POLES DURING THE INSTALLATION OF THE UPGRADES.
  - OTHER METHODS MAY BE PROPOSED BY THE CONTRACTOR AS APPLICABLE TO ALLOW INSTALLATION OF THE UPGRADES WHILE THE EXISTING SYSTEM REMAINS IN SERVICE.
- IN ALL CASES, THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE BEST METHOD OF MAINTAINING POWER TO CUSTOMERS WHILE THE UPGRADES ARE BEING INSTALLED. THE CONTRACTOR SHALL PROVIDE ALL MATERIAL REQUIRED FOR TEMPORARY INSTALLATIONS.
- AT ALL TIMES AND IN ALL LOCATIONS, TEMPORARY INSTALLATIONS SHALL MEET THE NEC SAFETY REQUIREMENTS. ANY TEMPORARY INSTALLATION THAT IS ROUTED ON THE GROUND SHALL BE CLEARLY IDENTIFIED AND, IF REQUIRED, PROVISIONS SHALL BE INSTALLED FOR PERSONNEL AND VEHICLE CROSSING.

### ABBREVIATIONS

|       |  |
|-------|--|
| (E)   | EXISTING                                   |
| A     | AMPERE                                     |
| AC    | ALTERNATING CURRENT                        |
| AIC   | AMPERES INTERRUPTING CAPACITY              |
| AWG   | AMERICA WIRE GAGE                          |
| BCu   | BARE COPPER                                |
| C     | CONDUCTOR                                  |
| CB    | CIRCUIT BREAKER                            |
| CIC   | CABLE IN CONDUIT                           |
| CT    | CURRENT TRANSFORMER                        |
| DIA   | DIAMETER                                   |
| DISC  | DISCONNECT                                 |
| DWG   | DRAWING                                    |
| EA    | EACH                                       |
| EL    | ELEVATION                                  |
| F     | FAHRENHEIT                                 |
| FT    | FEET                                       |
| FU    | FUSE                                       |
| G,GND | GROUND                                     |
| H     | HOT CONDUCTOR                              |
| HDPE  | HIGH DENSITY POLYETHYLENE                  |
| HPS   | HIGH PRESSURE SODIUM                       |
| HZ    | HERTZ                                      |
| JCN   | JACKETED CONCENTRIC NEUTRAL                |
| KVA   | KILOVOLT-AMPERES                           |
| KW    | KILOWATT                                   |
| LFMC  | LIQUID-TIGHT FLEXIBLE METAL CONDUIT        |
| LFNC  | LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT |
| LTG   | LIGHTING                                   |
| M     | METER                                      |
| MAX   | MAXIMUM                                    |
| MCM   | THOUSAND CIRCULAR MILLS                    |
| MFR   | MANUFACTURER                               |
| MIN   | MINIMUM                                    |
| N     | NEUTRAL CONDUCTOR                          |
| NTS   | NOT TO SCALE                               |
| P     | POLE                                       |
| PED   | SECONDARY SERVICE PEDESTAL                 |
| PDS   | PRIMARY DISTRIBUTION SWITCHGEAR            |
| PH    | PHASE                                      |
| PVC   | POLYVINYL CHLORIDE                         |
| R     | SHUNT REACTOR                              |
| RMC   | RIGID METAL CONDUIT, GALVANIZED            |
| TR    | TRANSFORMER                                |
| TYP   | TYPICAL                                    |
| UD    | UNDERGROUND DISTRIBUTION                   |
| U/G   | UNDERGROUND                                |
| UON   | UNLESS OTHERWISE NOTED                     |
| USGS  | UNITED STATES GEOLOGICAL SURVEY            |
| V     | VOLTS                                      |
| VA    | VOLT-AMPERES                               |
| VAC   | VOLTS-ALTERNATING CURRENT                  |
| W     | WATTS                                      |
| WP    | WEATHERPROOF                               |
| XFMR  | TRANSFORMER                                |
| XLP   | CROSS LINKED POLYETHYLENE                  |

### LEGEND

|                 |  |                 |                                   |
|-----------------|--|-----------------|-----------------------------------|
| -----           | EXISTING SINGLE PHASE OVERHEAD PRIMARY | -----           | NEW SINGLE PHASE OVERHEAD PRIMARY |
| -//--           | EXISTING 2-PHASE OVERHEAD PRIMARY      | -//--           | NEW 2-PHASE OVERHEAD PRIMARY      |
| -///--          | EXISTING 3-PHASE OVERHEAD PRIMARY      | -///--          | NEW 3-PHASE OVERHEAD PRIMARY      |
| -----           | EXISTING UNDERGROUND                   | -----           | NEW UNDERGROUND                   |
| -----           | EXISTING SECONDARY*                    | -----           | NEW SECONDARY*                    |
| ●               | EXISTING ELECTRICAL POLE               | ●               | NEW ELECTRICAL POLE               |
| ●               | EXISTING STUB POLE                     | ●               | NEW STUB POLE                     |
| ⌂ <sub>XX</sub> | EXISTING TRANSFORMER XX=SIZE           | ⌂ <sub>XX</sub> | NEW TRANSFORMER XX=SIZE           |
| →               | EXISTING GUY                           | →               | NEW GUY                           |
| ☀               | EXISTING LIGHT                         | ☀               | NEW LIGHT                         |

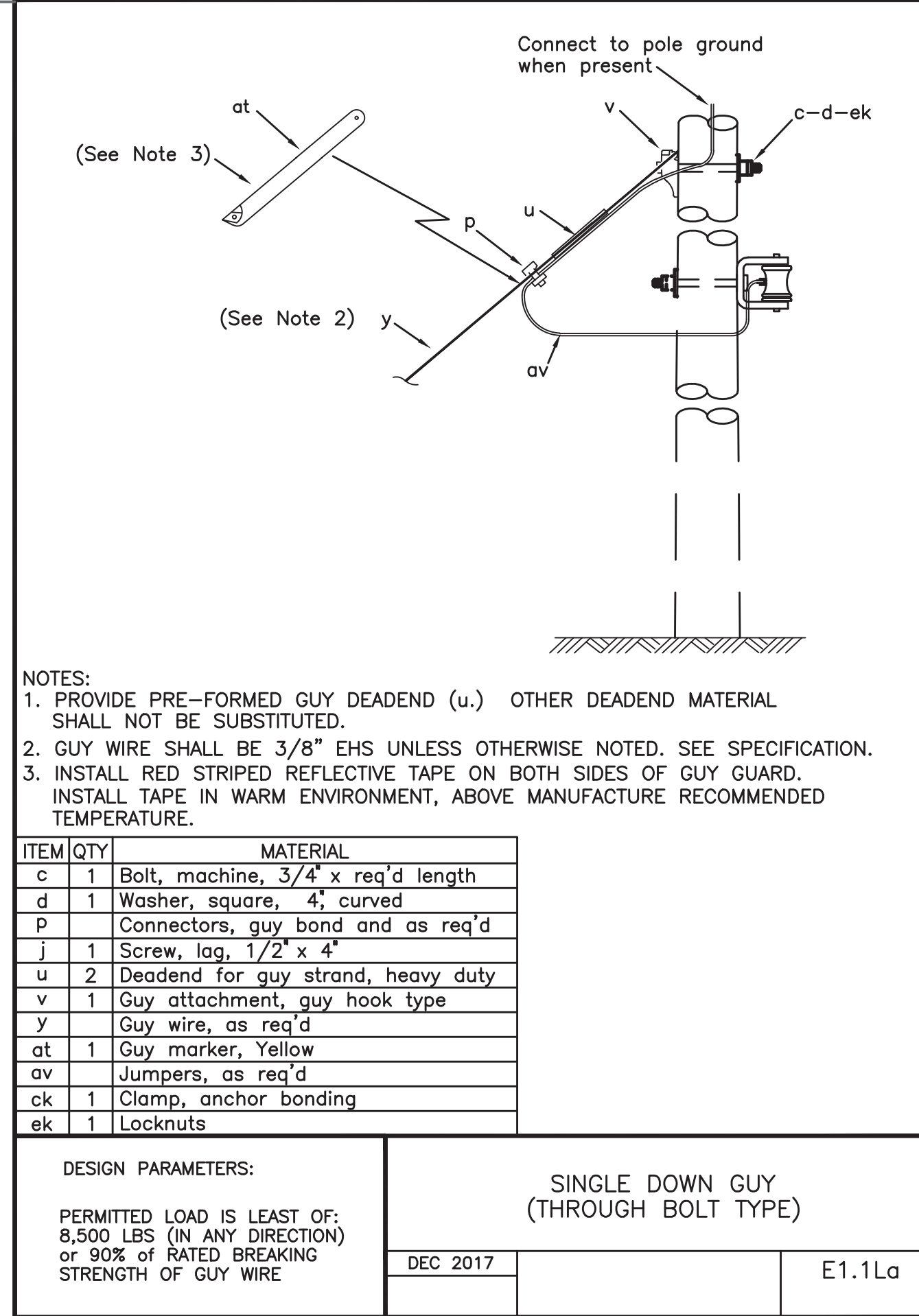
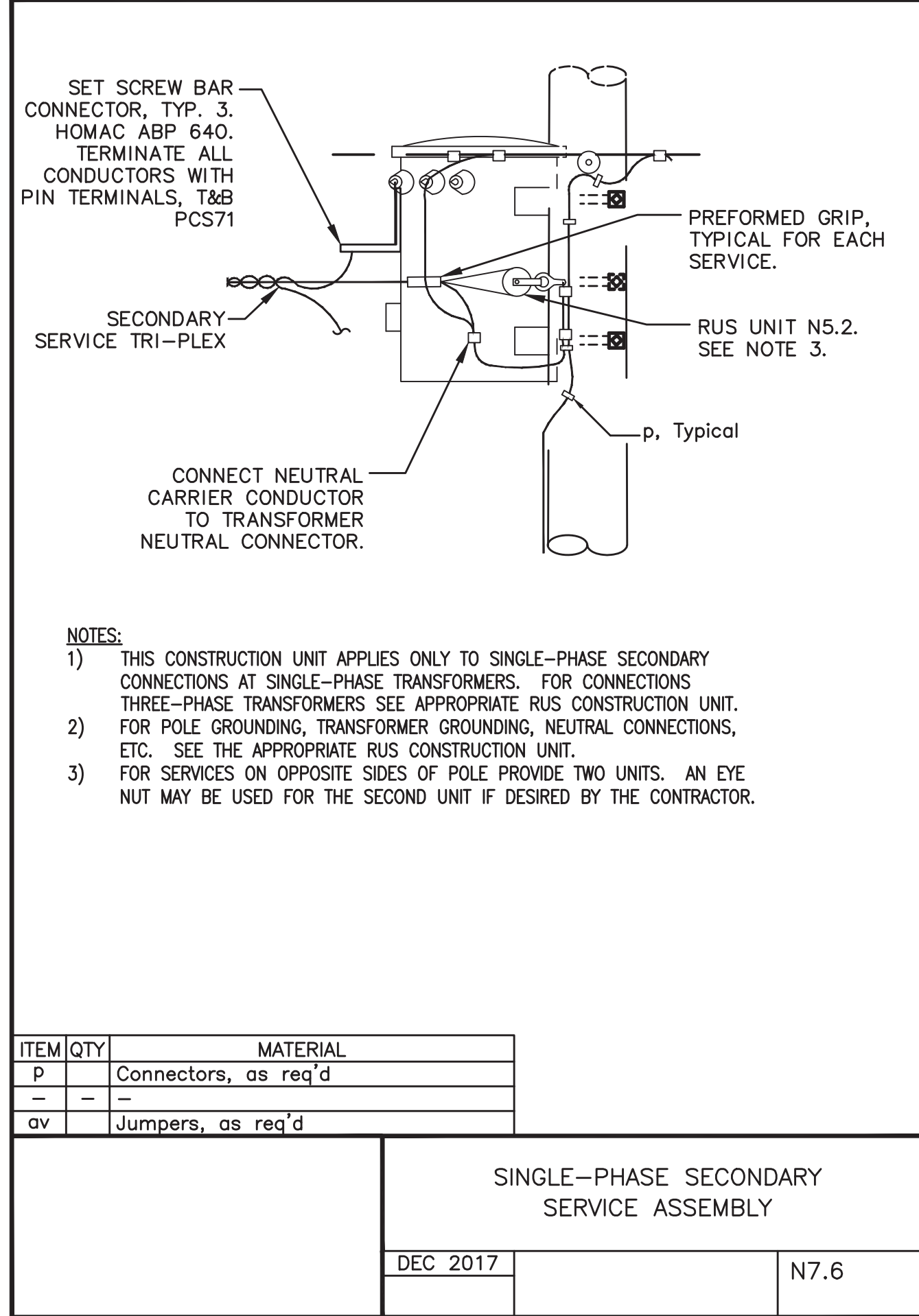
(NOTE: STANDARD LEGEND NOT ALL SYMBOLS MAY BE USED.)  
\*SINGLE PHASE UNLESS OTHERWISE NOTED



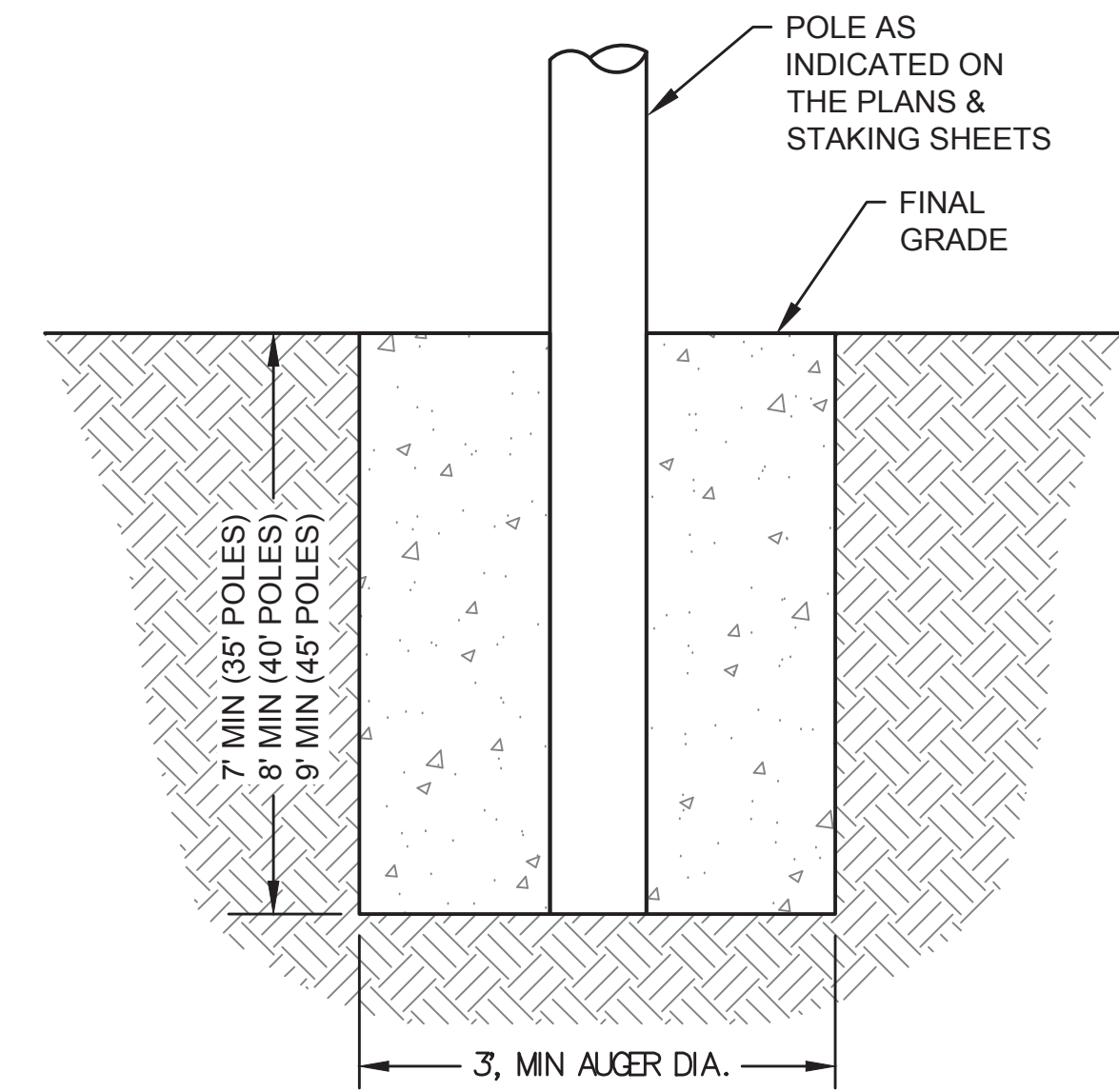
NAPASKIAK DISTRIBUTION UPGRADE PROJECT  
DISTRIBUTION LEGEND, ABBREVIATIONS, SPECIFICATIONS & NOTES  
NAPASKIAK, ALASKA

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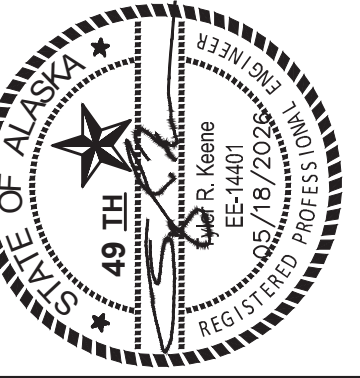
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| TRANSFORMER FUSE LINK SCHEDULE |                         |
|--------------------------------|-------------------------|
| TRANSFORMER SIZE               | FUSE LINK SIZE AND TYPE |
| 10KVA                          | 1.4 Amp, SloFast        |
| 15KVA                          | 2.1 Amp, SloFast        |
| 25 KVA                         | 3.5 Amp, SloFast        |
| 37.5 KVA                       | 5.2 Amp, SloFast        |
| 75 KVA                         | 10.4 Amp, SloFast       |
| 100 KVA                        | 14 Amp, SloFast         |



**1 TYPICAL POLE INSTALLATION**  
E10.1 Scale: NTS



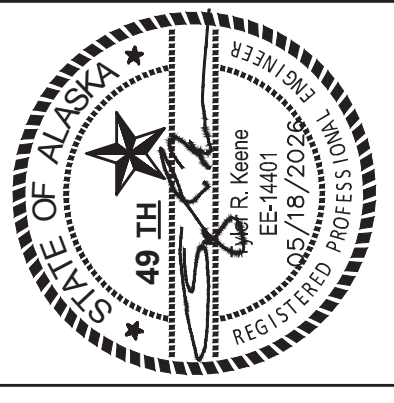
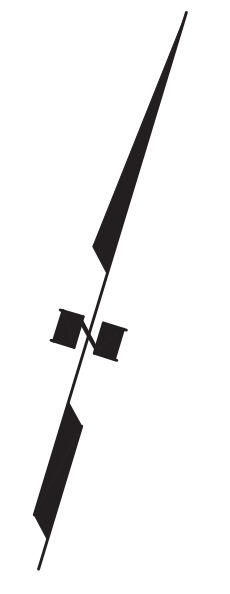
NAPASKIAK DISTRIBUTION UPGRADE PROJECT  
DISTRIBUTION DETAILS

NAPASKIAK, ALASKA

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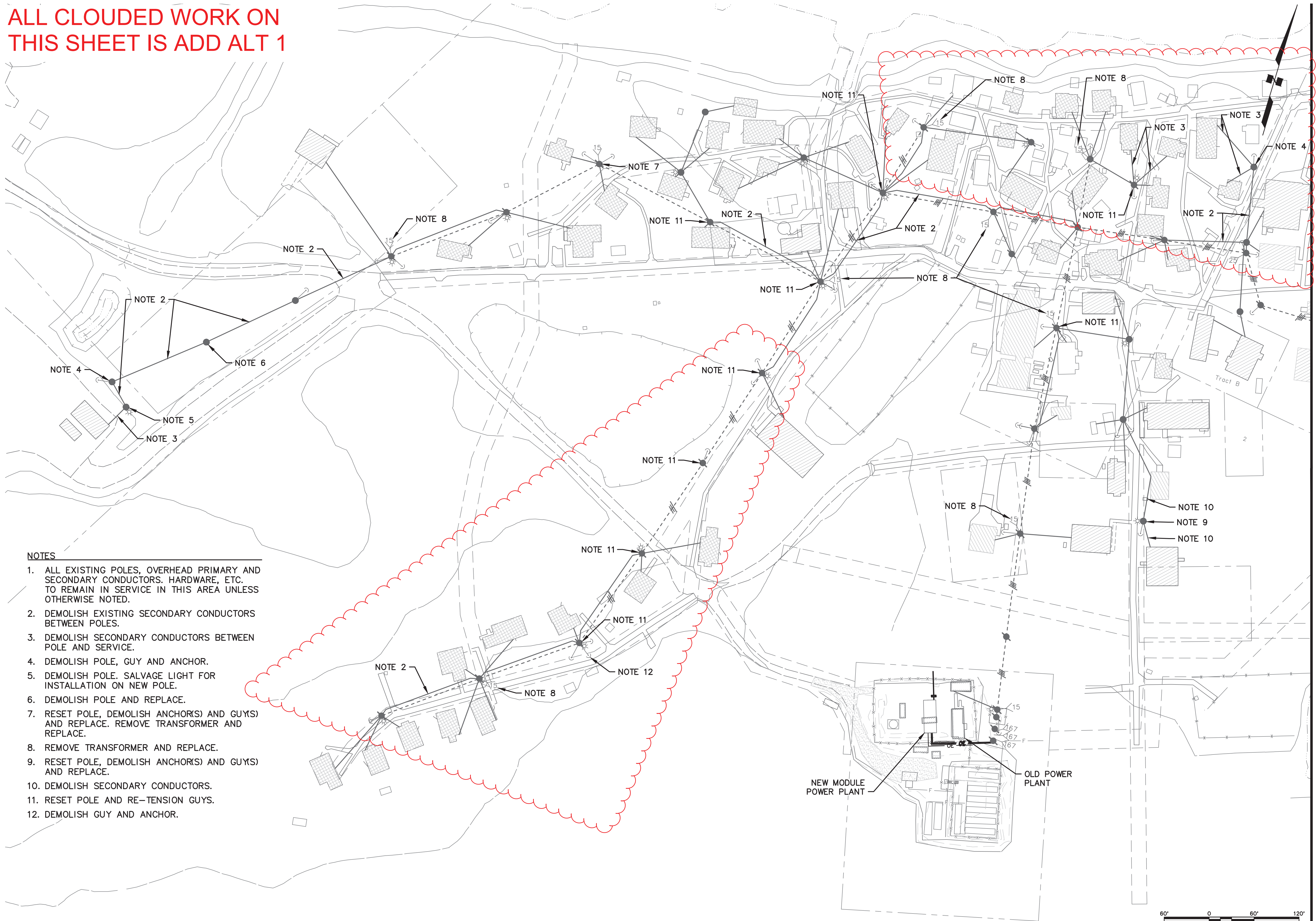
**NAPASKIAK DISTRIBUTION UPGRADE PROJECT**  
**OVERALL DISTRIBUTION SITE PLAN**  
 NAPASKIAK, ALASKA

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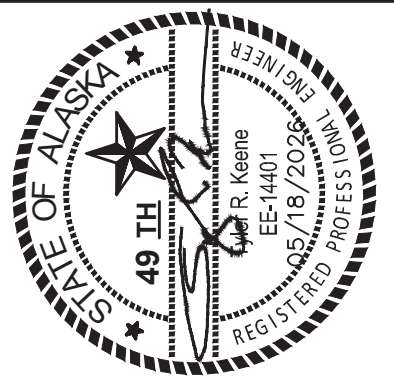


**NOTES**

1. ALL EXISTING POLES, OVERHEAD PRIMARY AND SECONDARY CONDUCTORS, HARDWARE, ETC. TO REMAIN IN SERVICE IN THIS AREA UNLESS OTHERWISE NOTED.
2. DEMOLISH EXISTING SECONDARY CONDUCTORS BETWEEN POLES.
3. DEMOLISH SECONDARY CONDUCTORS BETWEEN POLE AND SERVICE.
4. DEMOLISH POLE, GUY AND ANCHOR.
5. DEMOLISH POLE. SALVAGE LIGHT FOR INSTALLATION ON NEW POLE.
6. DEMOLISH POLE AND REPLACE.
7. RESET POLE, DEMOLISH ANCHOR(S) AND GUYS) AND REPLACE. REMOVE TRANSFORMER AND REPLACE.
8. REMOVE TRANSFORMER AND REPLACE.
9. RESET POLE, DEMOLISH ANCHOR(S) AND GUYS) AND REPLACE.
10. DEMOLISH SECONDARY CONDUCTORS.
11. RESET POLE AND RE-TENSION GUYS.
12. DEMOLISH GUY AND ANCHOR.

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MATCH LINE E11.2



**NAPASKIAK DISTRIBUTION UPGRADE PROJECT**  
**DISTRIBUTION DEMOLITION PLAN**  
 (1 of 4)  
 NAPASKIAK, ALASKA

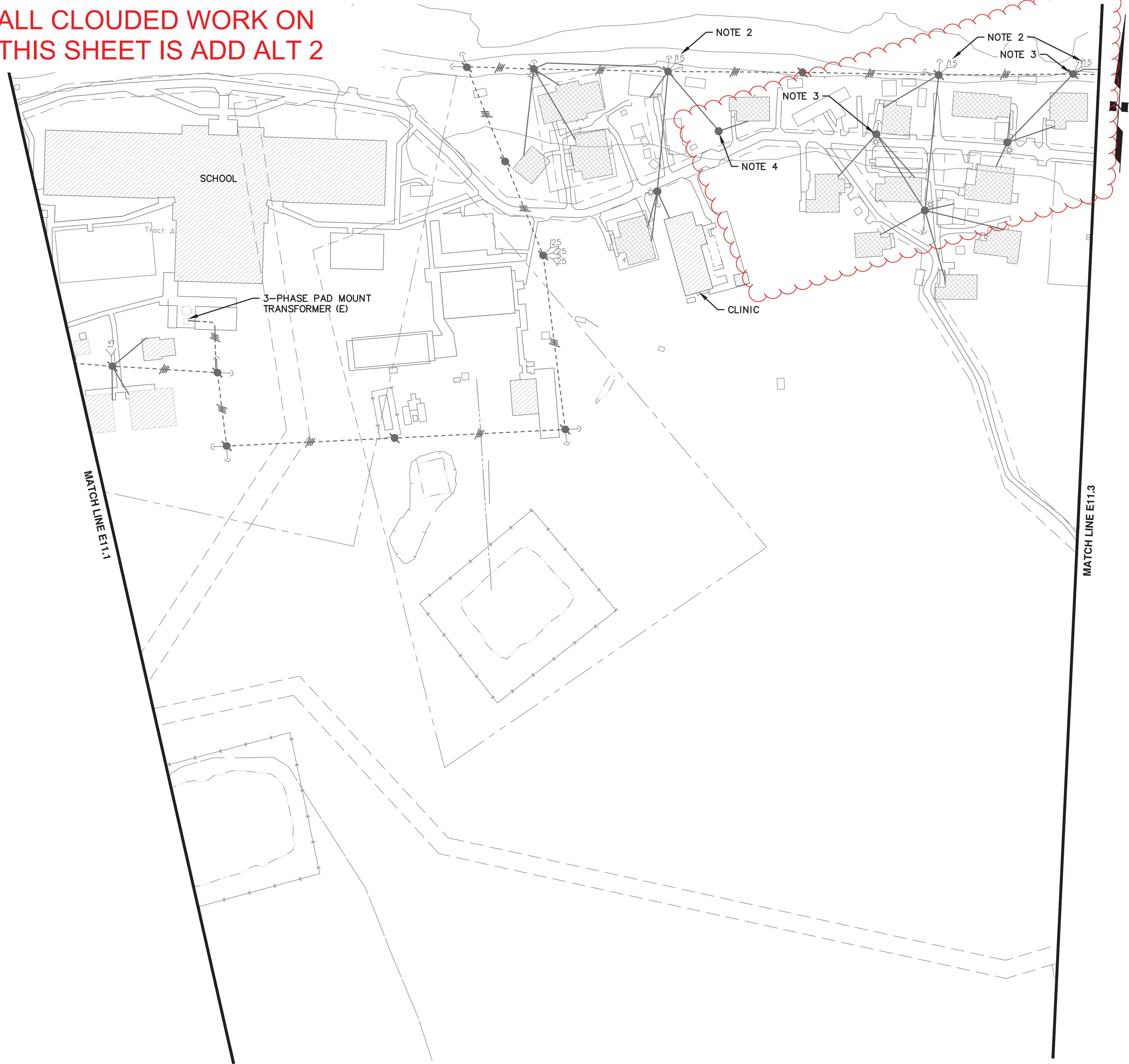
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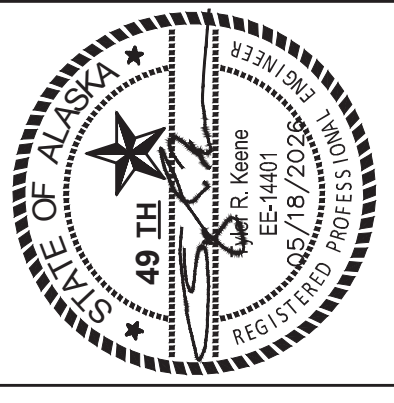


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NOTES

1. ALL EXISTING POLES, OVERHEAD PRIMARY AND SECONDARY CONDUCTORS, HARDWARE, ETC. TO REMAIN IN SERVICE IN THIS AREA UNLESS OTHERWISE NOTED.
2. REMOVE TRANSFORMER AND REPLACE.
3. RESET POLE, DEMOLISH ANCHOR(S) AND GUY(S) AND REPLACE.
4. RESET POLE AND ADD GUY AND ANCHOR.



NAPASKIAK DISTRIBUTION UPGRADE PROJECT  
DISTRIBUTION DEMOLITION PLAN  
(2 of 4)

NAPASKIAK, ALASKA

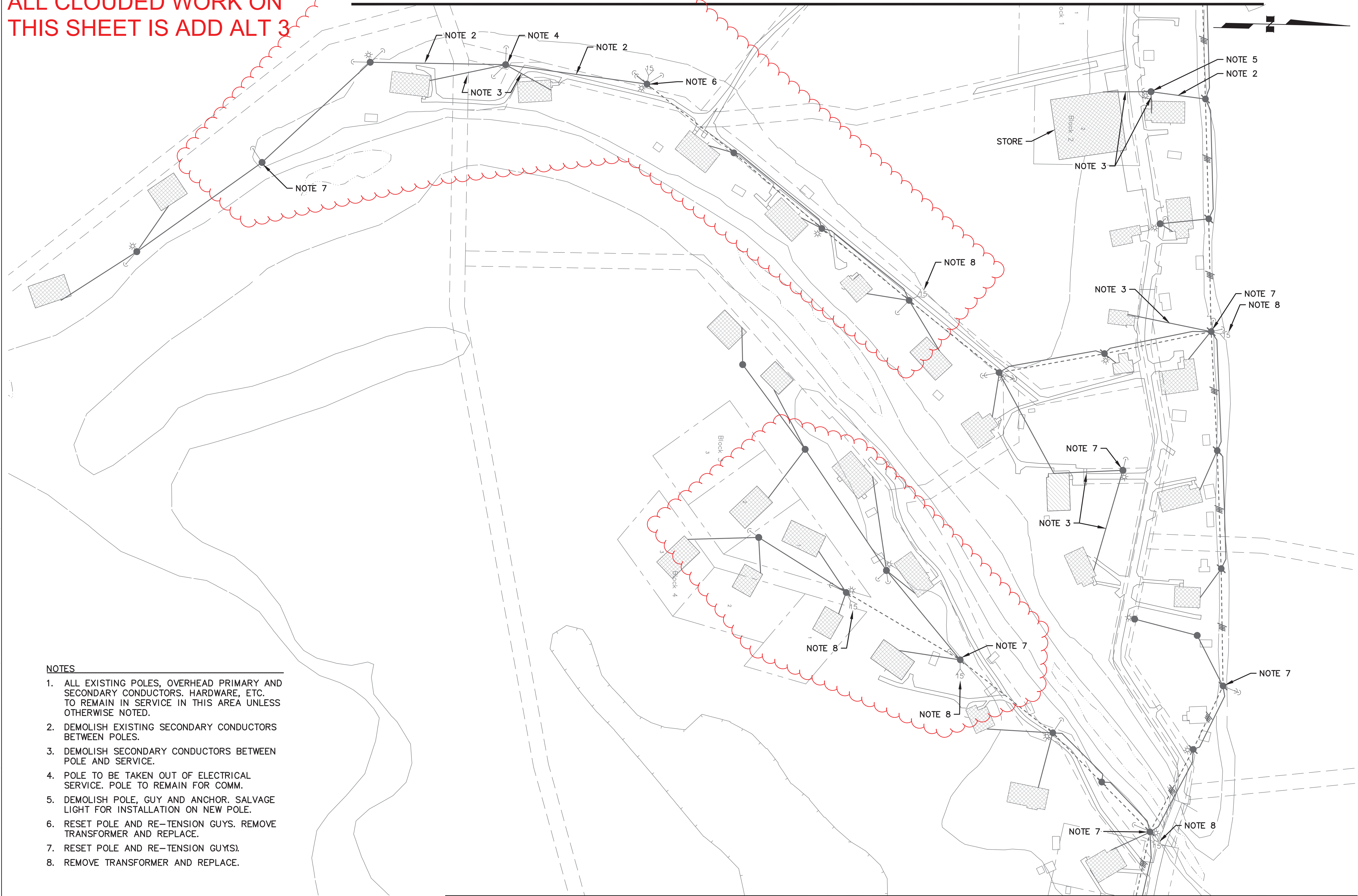
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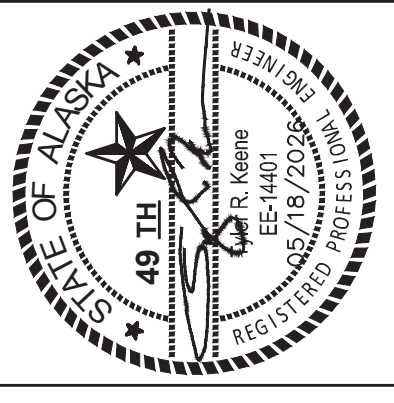
MATCH LINE E11.2



**NOTES**

1. ALL EXISTING POLES, OVERHEAD PRIMARY AND SECONDARY CONDUCTORS, HARDWARE, ETC. TO REMAIN IN SERVICE IN THIS AREA UNLESS OTHERWISE NOTED.
2. DEMOLISH EXISTING SECONDARY CONDUCTORS BETWEEN POLES.
3. DEMOLISH SECONDARY CONDUCTORS BETWEEN POLE AND SERVICE.
4. POLE TO BE TAKEN OUT OF ELECTRICAL SERVICE. POLE TO REMAIN FOR COMM.
5. DEMOLISH POLE, GUY AND ANCHOR. SALVAGE LIGHT FOR INSTALLATION ON NEW POLE.
6. RESET POLE AND RE-TENSION GUYS. REMOVE TRANSFORMER AND REPLACE.
7. RESET POLE AND RE-TENSION GUYS).
8. REMOVE TRANSFORMER AND REPLACE.

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NAPASKIAK DISTRIBUTION UPGRADE PROJECT  
 DISTRIBUTION DEMOLITION PLAN  
 (3 of 4)  
 NAPASKIAK, ALASKA

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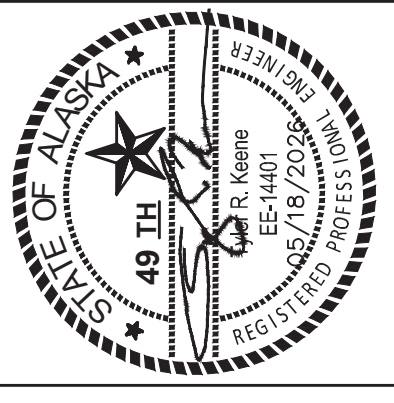
NOTES

1. ALL EXISTING POLES, OVERHEAD PRIMARY AND SECONDARY CONDUCTORS, HARDWARE, ETC. TO REMAIN IN SERVICE IN THIS AREA UNLESS OTHERWISE NOTED.
2. DEMOLISH SECONDARY CONDUCTORS BETWEEN POLES.
3. RESET POLE AND ADD GUY AND ANCHOR.
4. REMOVE TRANSFORMER AND REPLACE.



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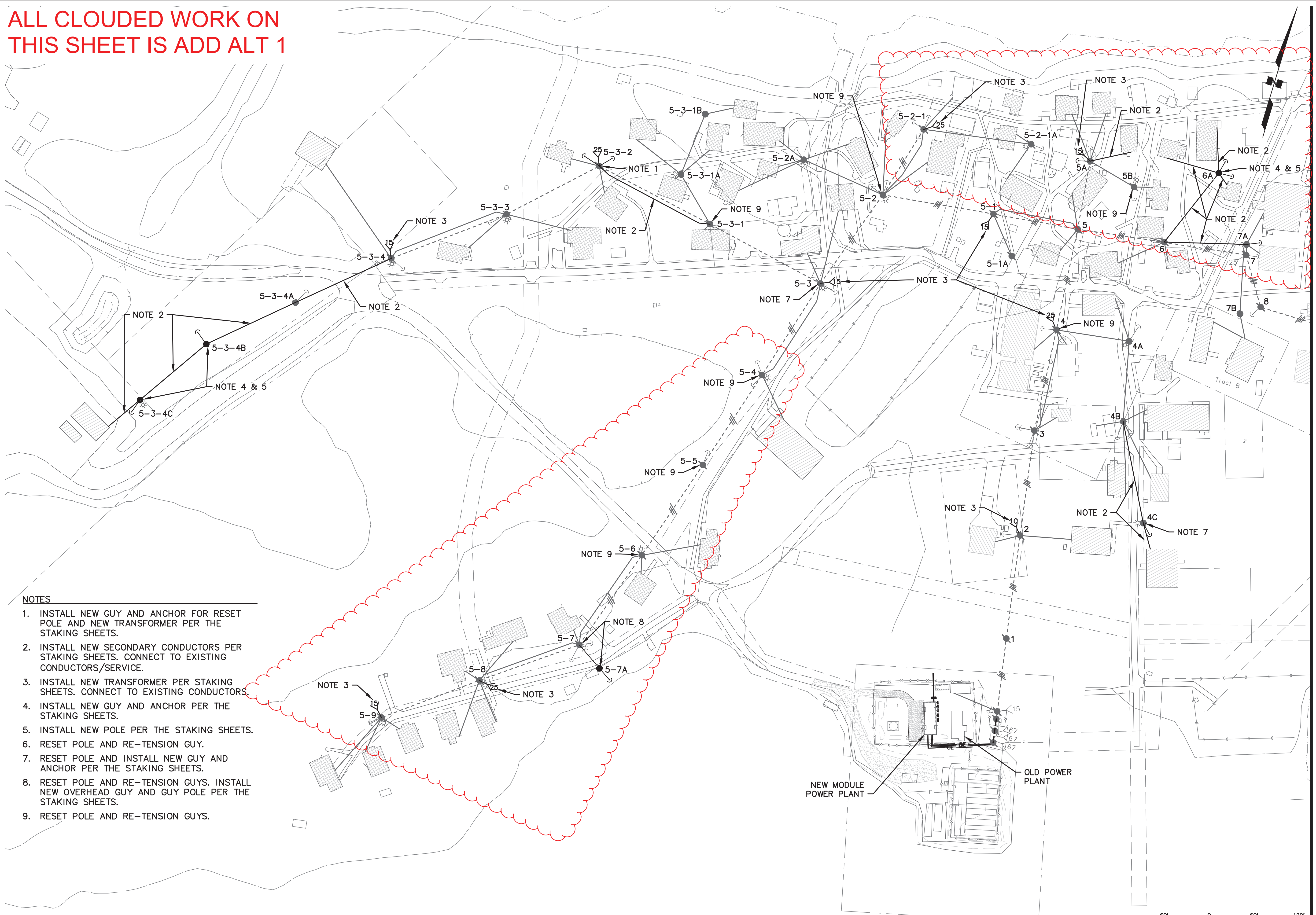
NAPASKIAK DISTRIBUTION UPGRADE PROJECT  
 DISTRIBUTION DEMOLITION PLAN  
 (4 of 4)  
 NAPASKIAK, ALASKA

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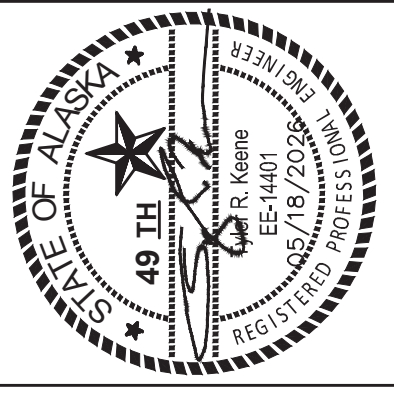
**ALL CLOUDED WORK ON THIS SHEET IS ADD ALT 1**



**NOTES**

1. INSTALL NEW GUY AND ANCHOR FOR RESET POLE AND NEW TRANSFORMER PER THE STAKING SHEETS.
2. INSTALL NEW SECONDARY CONDUCTORS PER STAKING SHEETS. CONNECT TO EXISTING CONDUCTORS/SERVICE.
3. INSTALL NEW TRANSFORMER PER STAKING SHEETS. CONNECT TO EXISTING CONDUCTORS.
4. INSTALL NEW GUY AND ANCHOR PER THE STAKING SHEETS.
5. INSTALL NEW POLE PER THE STAKING SHEETS.
6. RESET POLE AND RE-TENSION GUY.
7. RESET POLE AND INSTALL NEW GUY AND ANCHOR PER THE STAKING SHEETS.
8. RESET POLE AND RE-TENSION GUYS. INSTALL NEW OVERHEAD GUY AND GUY POLE PER THE STAKING SHEETS.
9. RESET POLE AND RE-TENSION GUYS.

File: J:\JobsData\72309.00 Napaskiak Rpsu Project\00 Cadd 2019\01 Working Set\03 Electrical\Napaskiak RPSU.dwg Plot Date: 5/18/2026 10:28 AM



**NAPASKIAK DISTRIBUTION UPGRADE PROJECT**  
**DISTRIBUTION PLAN**  
 (1 of 4)  
 NAPASKIAK, ALASKA

| NO. | REVISION                | BY  | DATE     |
|-----|-------------------------|-----|----------|
| 0   | ISSUED FOR CONSTRUCTION | TRK | 05/18/26 |
|     |                         |     |          |
|     |                         |     |          |

Plot Date: 12/9/22  
 Designed: TRK  
 Drawn: TRK  
 Approved: KH

Sheet No. **E12.1**

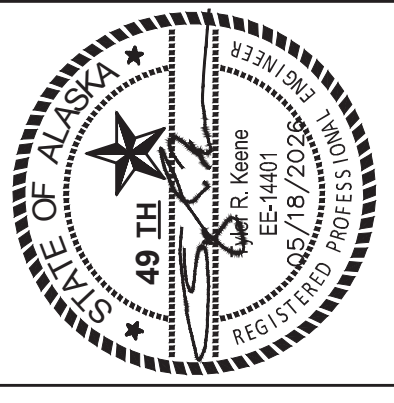
**ALL CLOUDED WORK ON THIS SHEET IS ADD ALT 2**



**NOTES**

1. INSTALL NEW GUY AND ANCHOR PER THE STAKING SHEETS FOR RESET POLE.
2. INSTALL NEW TRANSFORMER PER STAKING SHEETS. CONNECT TO EXISTING CONDUCTORS.

File: J:\JobsData\72309.00 Napaskiak Rpsu Project\00 Cadd 2019\01 Working Set\03 Electrical\Napaskiak RPSU.dwg Plot Date: 5/18/2026 10:28 AM



**NAPASKIAK DISTRIBUTION UPGRADE PROJECT**  
**DISTRIBUTION PLAN**  
 (2 of 4)  
 NAPASKIAK, ALASKA

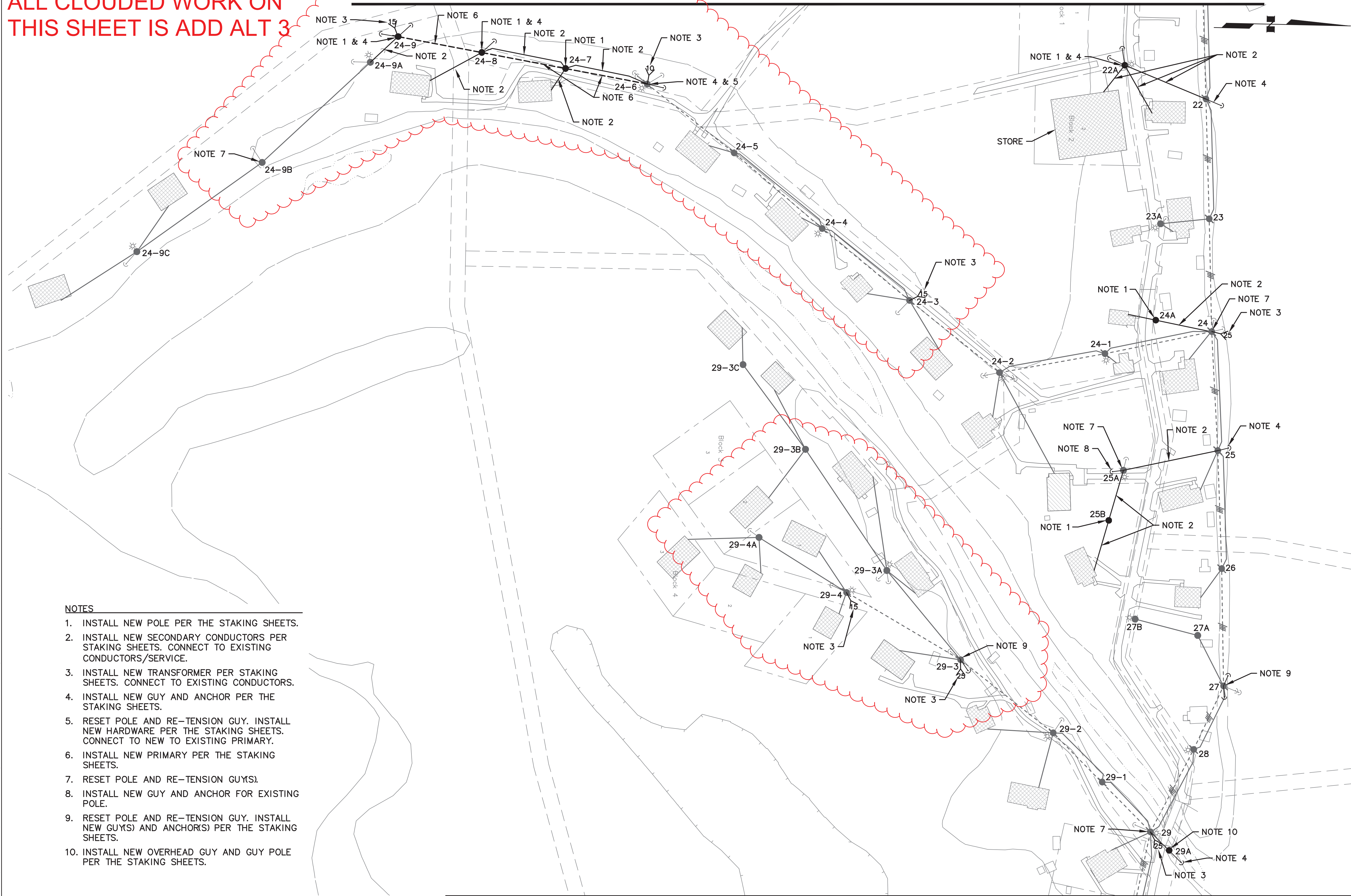
| NO. | REVISION                | BY  | DATE     |
|-----|-------------------------|-----|----------|
| 0   | ISSUED FOR CONSTRUCTION | TRK | 05/18/26 |
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|     |                         |     |          |
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Plot Date: 12/9/22  
 Designed: TRK  
 Drawn: TRK  
 Approved: KH

Sheet No. **E12.2**

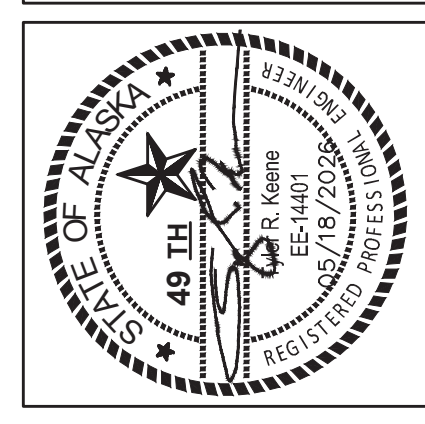
**ALL CLOUDED WORK ON THIS SHEET IS ADD ALT 3**

MATCH LINE E12.2



1. INSTALL NEW POLE PER THE STAKING SHEETS.
2. INSTALL NEW SECONDARY CONDUCTORS PER STAKING SHEETS. CONNECT TO EXISTING CONDUCTORS/SERVICE.
3. INSTALL NEW TRANSFORMER PER STAKING SHEETS. CONNECT TO EXISTING CONDUCTORS.
4. INSTALL NEW GUY AND ANCHOR PER THE STAKING SHEETS.
5. RESET POLE AND RE-TENSION GUY. INSTALL NEW HARDWARE PER THE STAKING SHEETS. CONNECT TO NEW TO EXISTING PRIMARY.
6. INSTALL NEW PRIMARY PER THE STAKING SHEETS.
7. RESET POLE AND RE-TENSION GUYS).
8. INSTALL NEW GUY AND ANCHOR FOR EXISTING POLE.
9. RESET POLE AND RE-TENSION GUY. INSTALL NEW GUY(S) AND ANCHOR(S) PER THE STAKING SHEETS.
10. INSTALL NEW OVERHEAD GUY AND GUY POLE PER THE STAKING SHEETS.

File: J:\JobsData\72309.00 Napaskiak Rpsu Project\00 Cadd 2019\01 Working Set\03 Electrical\Napaskiak RPSU.dwg Plot Date: 5/18/2026 10:28 AM



**NAPASKIAK DISTRIBUTION UPGRADE PROJECT**  
**DISTRIBUTION PLAN**  
 (3 of 4)  
 NAPASKIAK, ALASKA

| NO. | REVISION                | BY  | DATE     |
|-----|-------------------------|-----|----------|
| 0   | ISSUED FOR CONSTRUCTION | TRK | 05/18/26 |
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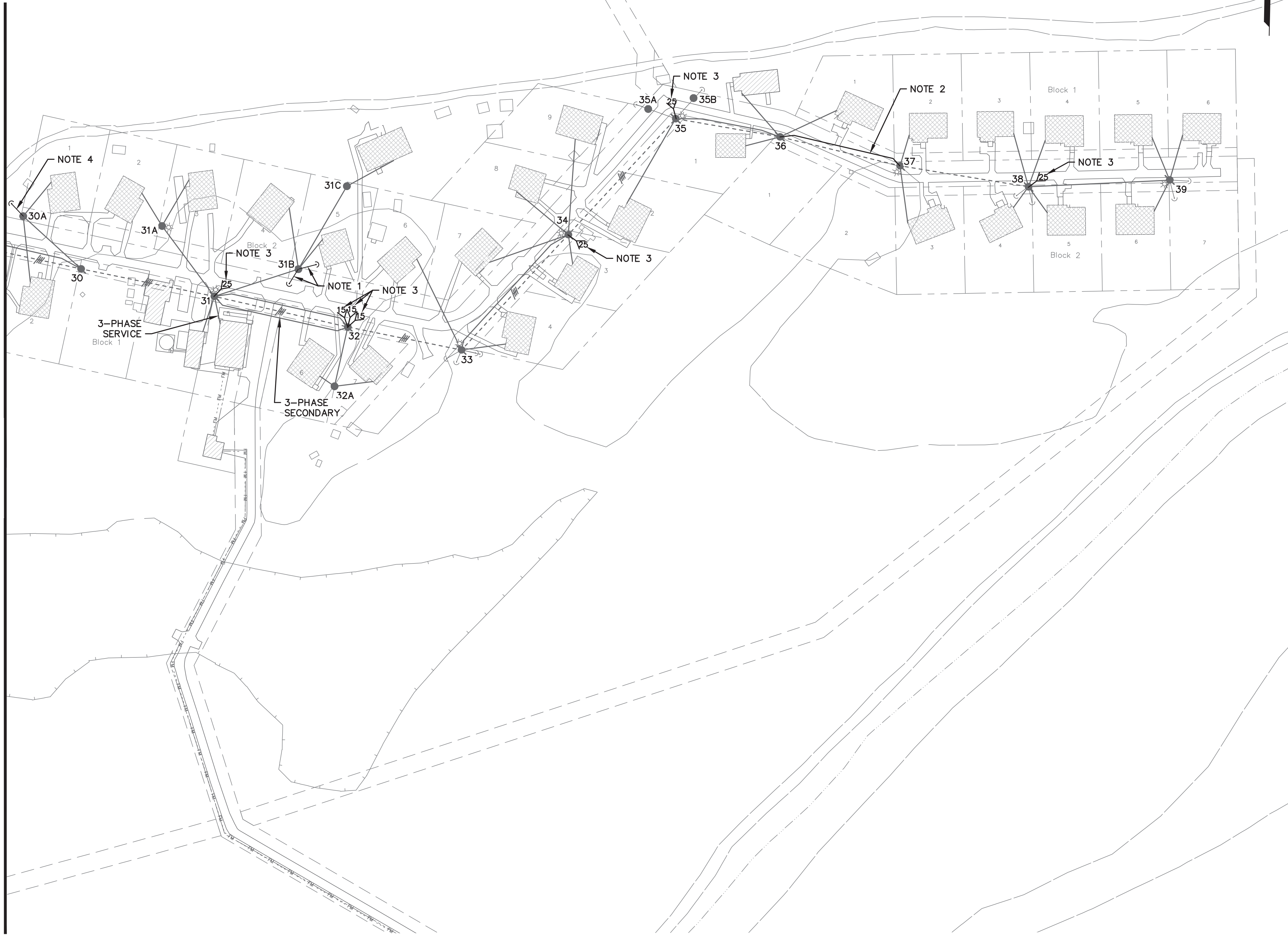
Plot Date: 12/9/22  
 Designed: TRK  
 Drawn: TRK  
 Approved: KH

Sheet No. **E12.3**

ALL WORK ON THIS SHEET IS ADD ALT 4

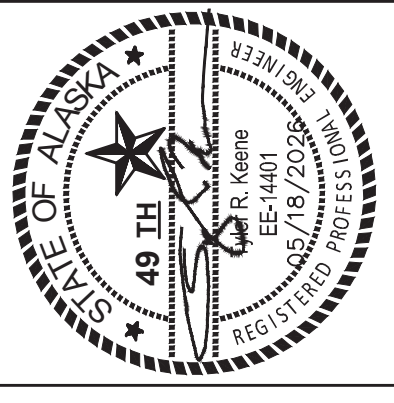
NOTES

1. INSTALL NEW GUY AND ANCHOR FOR RESET POLE. SEE STAKING SHEETS.
2. INSTALL NEW SECONDARY CONDUCTORS PER STAKING SHEETS. CONNECT TO EXISTING CONDUCTORS.
3. INSTALL NEW TRANSFORMER PER STAKING SHEETS. CONNECT TO EXISTING CONDUCTORS.
4. INSTALL NEW GUY AND ANCHOR PER THE STAKING SHEETS.



File: J:\JobsData\72309.00 Napaskiak Rpsu Project\00 Cadd 2019\01 Working Set\03 Electrical\Napaskiak RPSU.dwg Plot Date: 5/18/2026 10:28 AM

MATCH LINE E12.3



NAPASKIAK DISTRIBUTION UPGRADE PROJECT  
 DISTRIBUTION PLAN  
 (4 of 4)  
 NAPASKIAK, ALASKA

| NO. | REVISION                | BY  | DATE     |
|-----|-------------------------|-----|----------|
| 0   | ISSUED FOR CONSTRUCTION | TRK | 05/18/26 |
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Plot Date: 12/9/22  
 Designed: TRK  
 Drawn: TRK  
 Approved: KH



Sheet No. E12.4