



Vicinity Map
N.T.S.

CONDUCTOR DATA

Manuf. _____	Manuf. _____
Manuf. Date _____	Manuf. Date _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____
Manuf. _____	Manuf. _____
Manuf. Date _____	Manuf. Date _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!

LOCATE CALL CENTER OF ALASKA (LCCA)

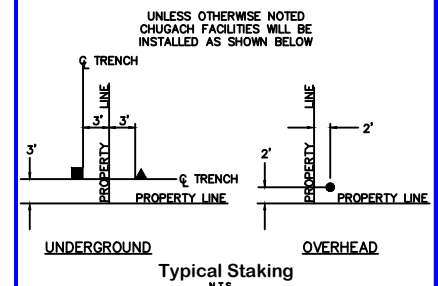
ANCHORAGE AREA.....	278-3121
STATEWIDE.....	800-478-3121
AT&T ALASCOM INC.....	264-8465
ALASKA RAILROAD UTILITIES.....	265-2457
ALYESKA CABLE TV (GIRDWOOD).....	783-2982
KULUS AIR BASE.....	249-1499
MILITARY PETROLEUM FUEL LINES.....	552-2334 OR 552-5342
STATE STORM DRAINS & STREET LIGHTS.....	333-2411

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



VICINITY MAP

ENG. STAMP

PROJECT: PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT				
DESIGNER/PROJECT ENGINEER: M. ELLIOTT & E. COOK <i>M&E CC</i> W.O. #: E2214092				
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	<i>ME</i> 3/30/26	



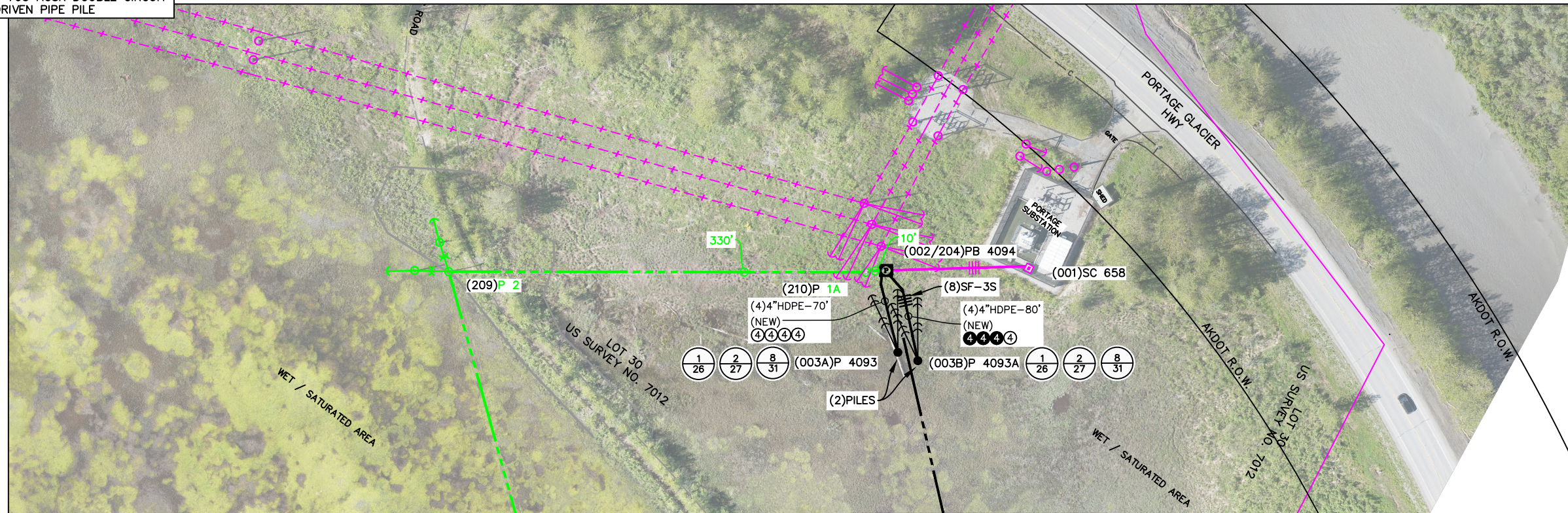
Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
GRIDS: P004 - P013 MAPS: VARIOUS
FEEDER: PORTAGE 322**

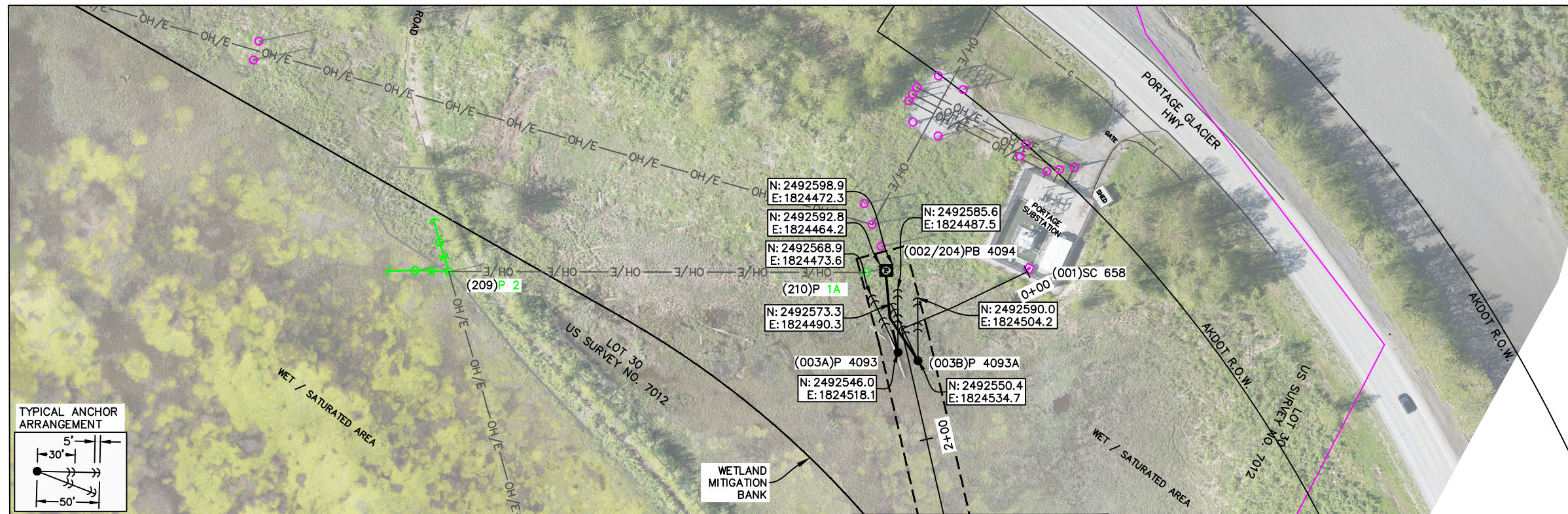
W.O. NO.: _____
C.W.P. REF. NO.: _____

E2214092 SHEET **0** OF **38**

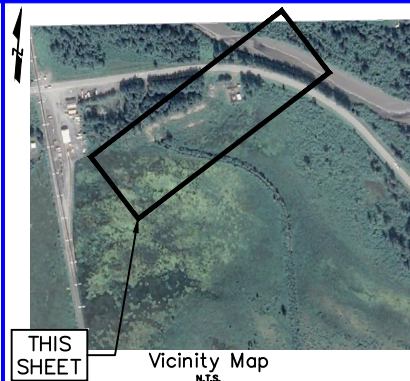
NOTES:
 -3Ø FEEDER IS 795 ACSR DOUBLE CIRCUIT
 -PE36X6-30 DRIVEN PIPE PILE



ELECTRICAL MATCHLINE 1-SEE SHEET 2



ROW MATCHLINE 1-SEE SHEET 2



CONDUCTOR DATA

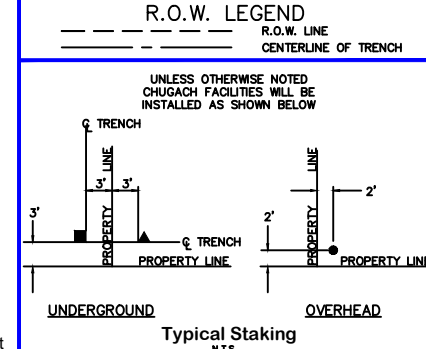
Manuf. _____	Manuf. Date _____	Manuf. _____	Manuf. Date _____
Volt Rating _____	Volt Rating _____	Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____	Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____	Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____	Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____	Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!

LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALYESKA CABLE TV (GIRDWOOD)..... 783-2982
 KULUS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

NEW	EXISTING



PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** W.O.#: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	3/30/26	

ENG. STAMP

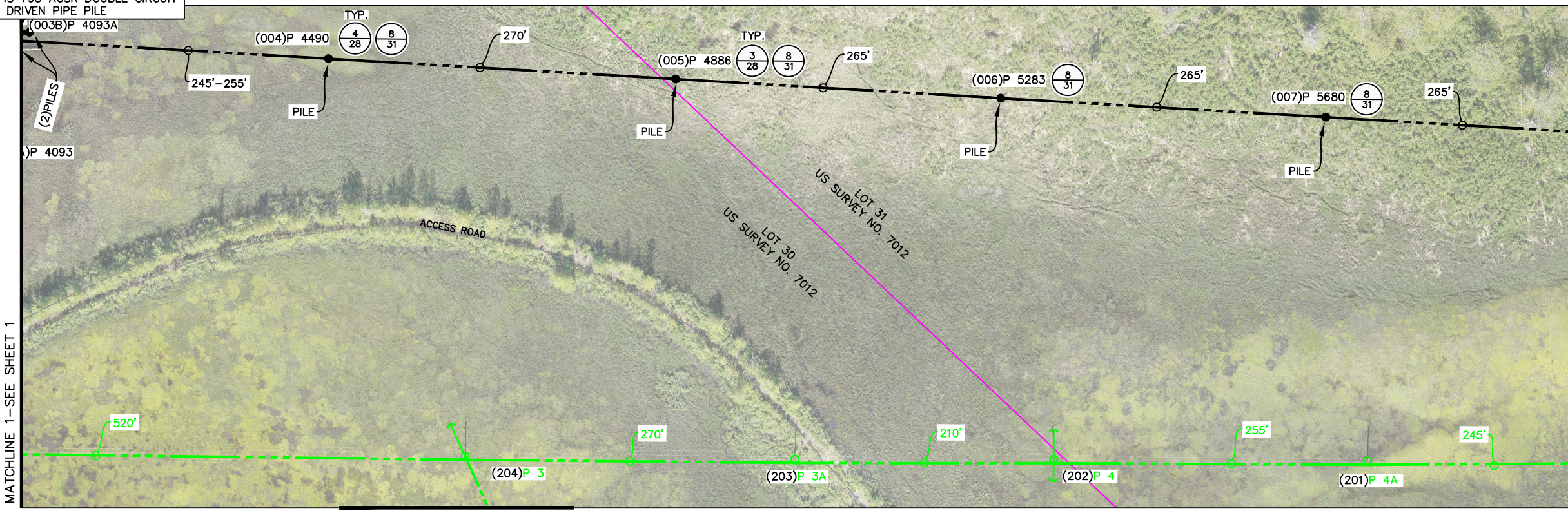
Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

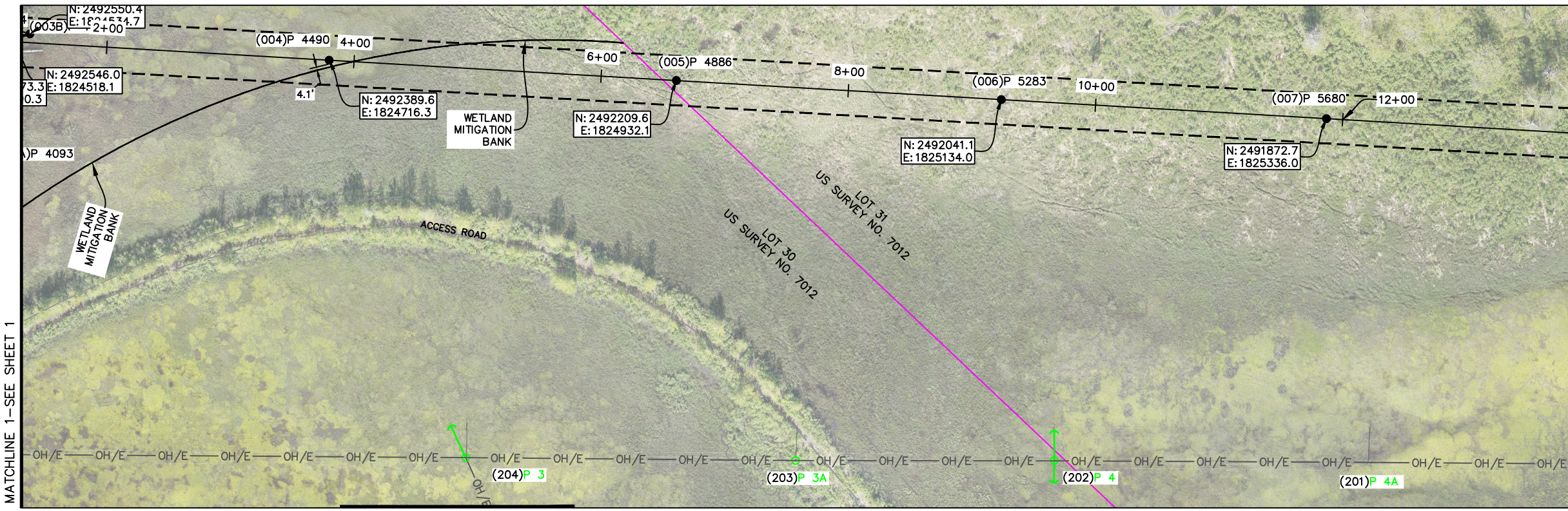
W.O. NO.: **E2214092**
 C.W.P. REF. NO.: **E2214092**

SHEET **1** OF **38**

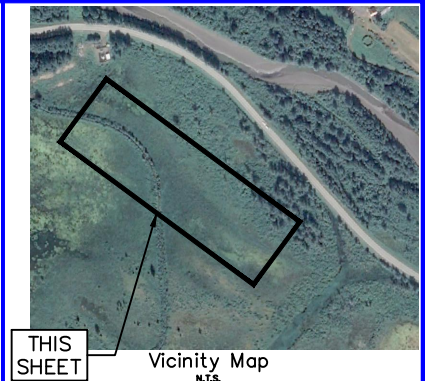
NOTES:
 -3Ø FEEDER IS 795 ACSR DOUBLE CIRCUIT
 -PE36X6-30 DRIVEN PIPE PILE



MATCHLINE-SEE SHEET 24
ELECTRICAL



MATCHLINE-SEE SHEET 24
ROW



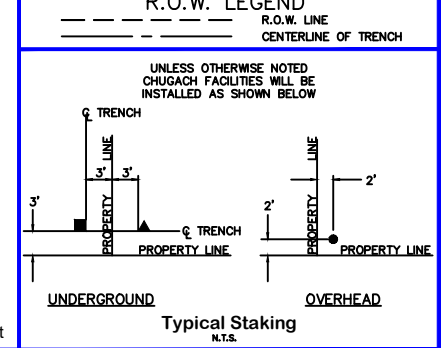
CONDUCTOR DATA

Manuf. _____	Manuf. _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!
 LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALYESKA CABLE TV (GIRDWOOD)..... 783-2982
 KULUS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

NEW	EXISTING



PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** W.O. #: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	<i>[Signature]</i> 3/30/26	

ENG. STAMP

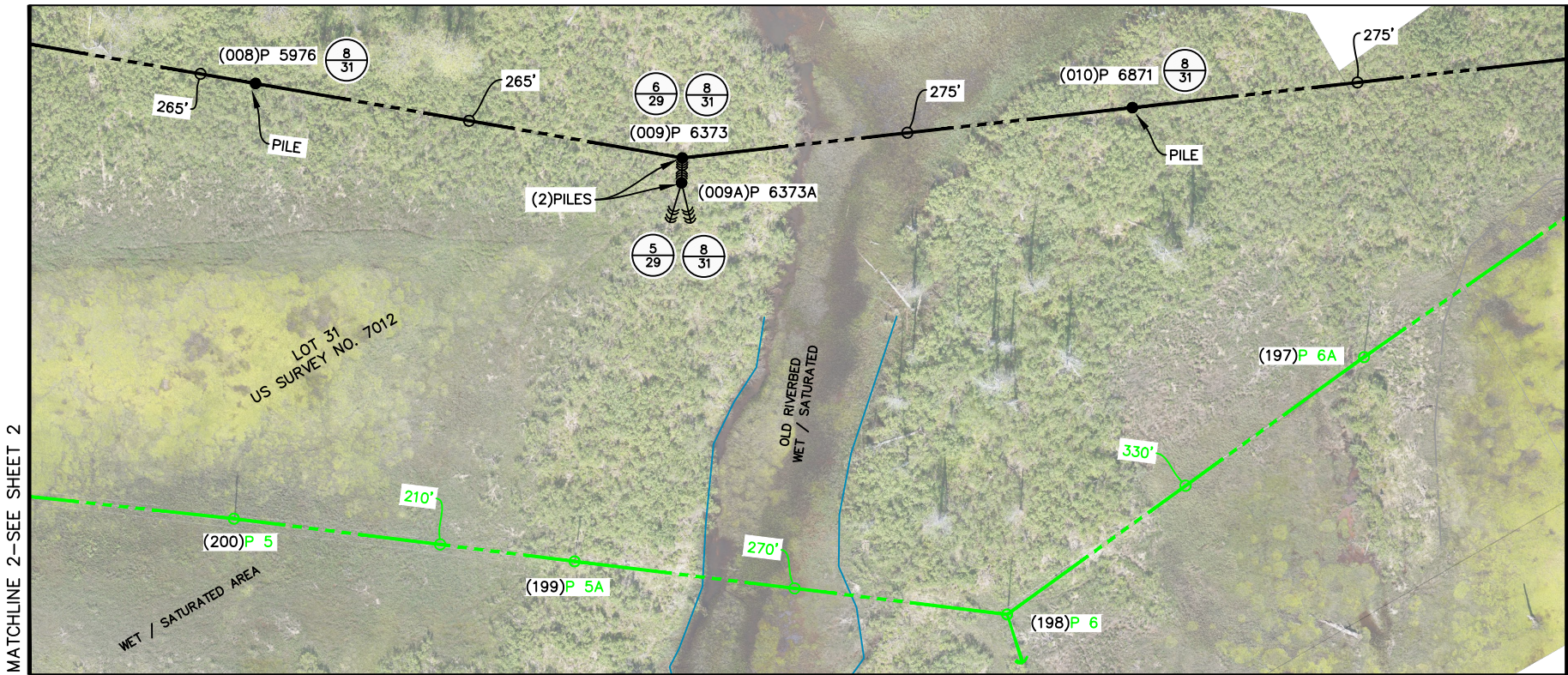
Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

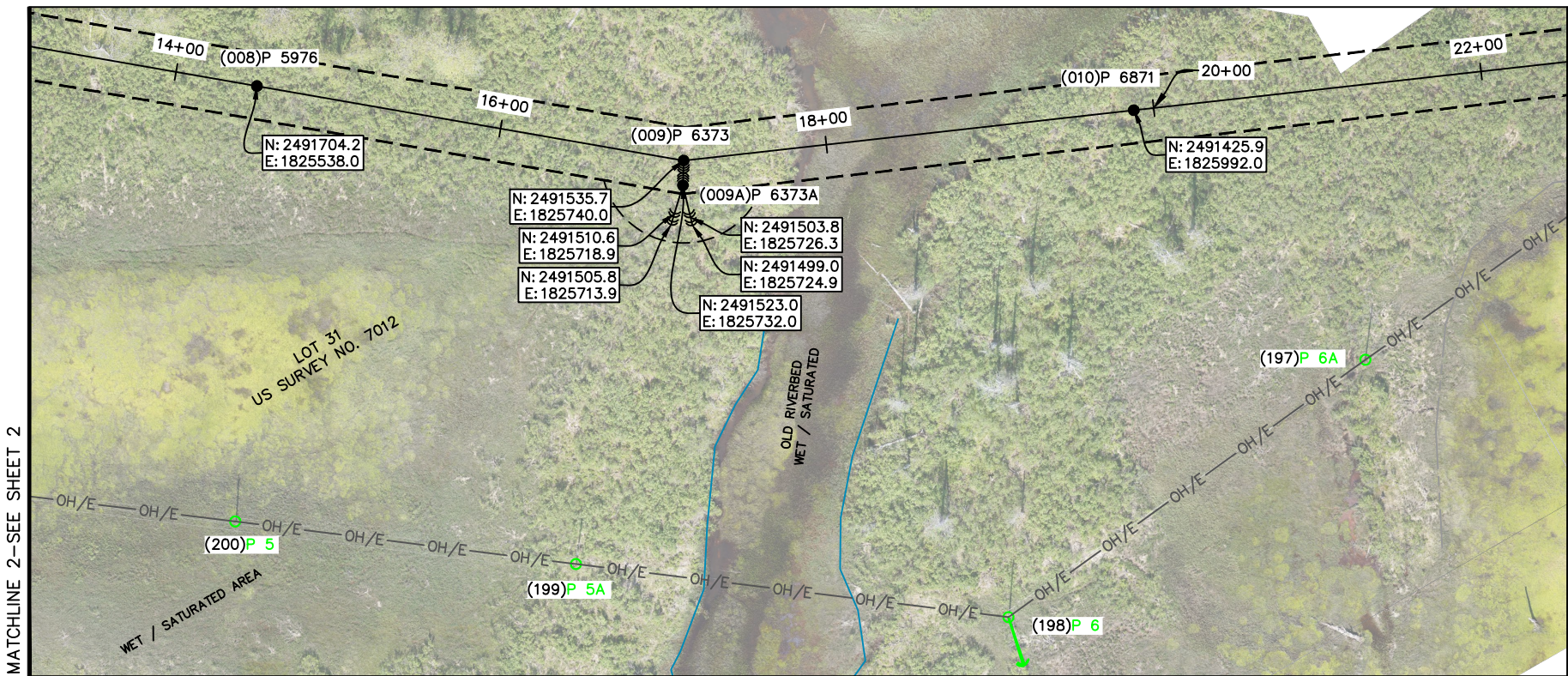
W.O. NO.: **E2214092**
 C.W.P. REF. NO.: **E2214092**

SHEET **2** OF **38**

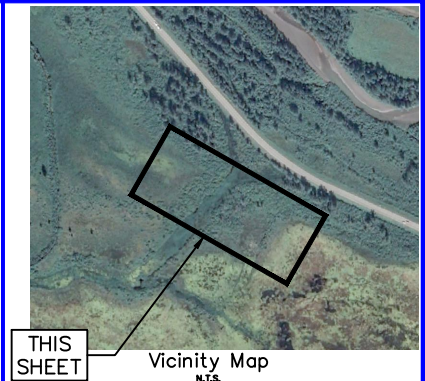
NOTES:
 -3Ø FEEDER IS 795 ACSR DOUBLE CIRCUIT
 -PE36X6-30 DRIVEN PIPE PILE



ELECTRICAL



ROW



CONDUCTOR DATA

Manuf. _____	Manuf. _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!

LOCATE CALL CENTER OF ALASKA (LCCA)

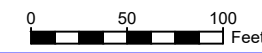
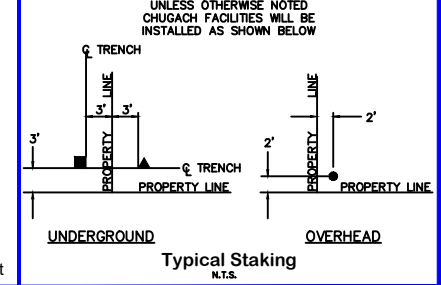
ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALYASKA CABLE TV (GIRDWOOD)..... 783-2982
 KULUS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** *M&E CC* W.O. #: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	<i>[Signature]</i> 3/30/26	

ENG. STAMP

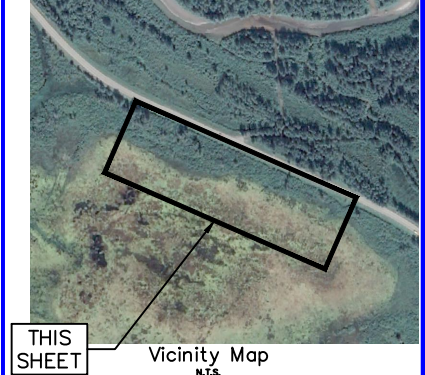
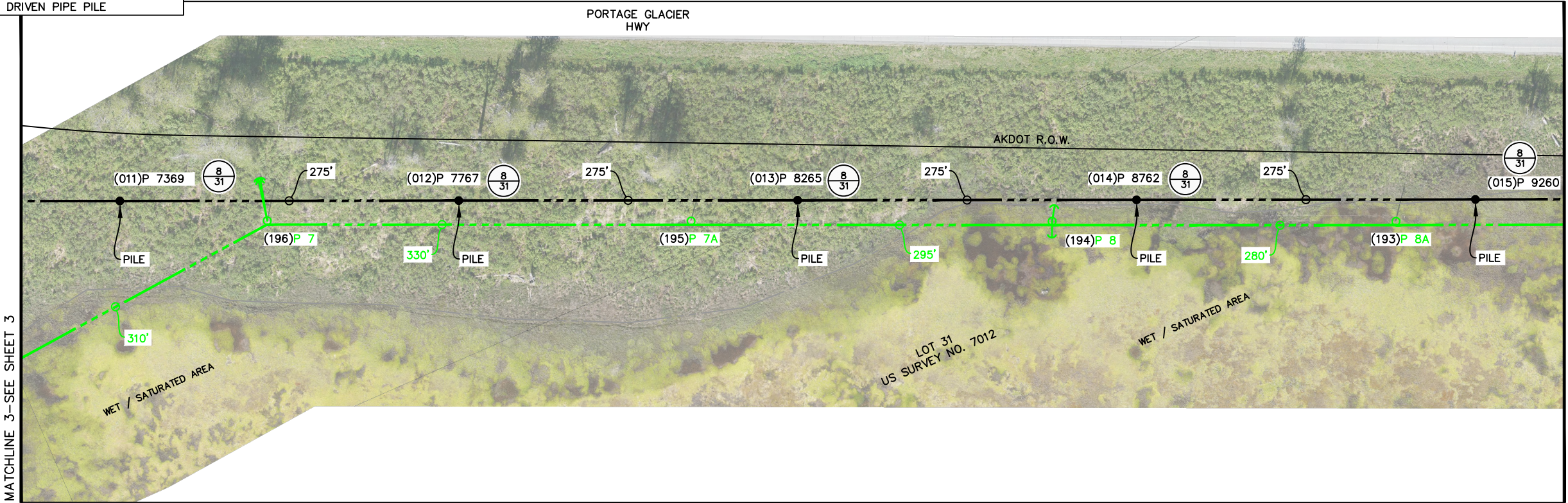
Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

W.O. NO.: **E2214092**
 C.W.P. REF. NO.: **E2214092**

SHEET **3** OF **38**

NOTES:
 -3Ø FEEDER IS 795 ACSR DOUBLE CIRCUIT
 -PE36X6-30 DRIVEN PIPE PILE



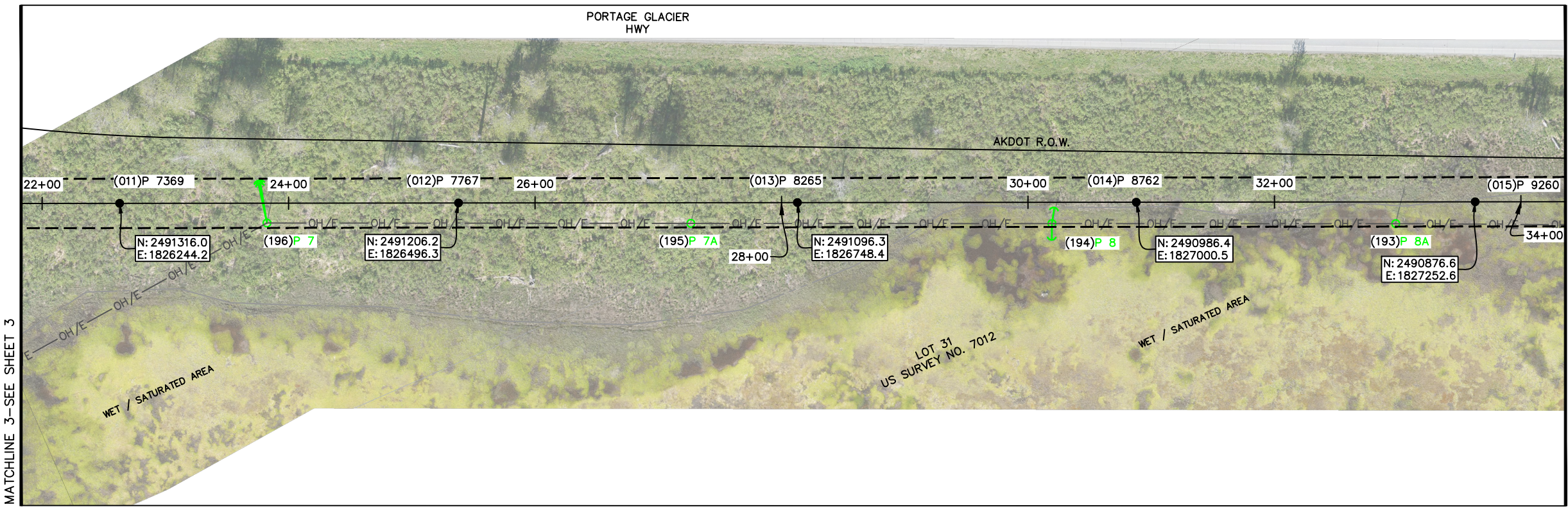
CONDUCTOR DATA

Manuf. _____	Manuf. _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!

LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALYASKA CABLE TV (GIRDWOOD)..... 783-2982
 KULUS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

ELECTRICAL

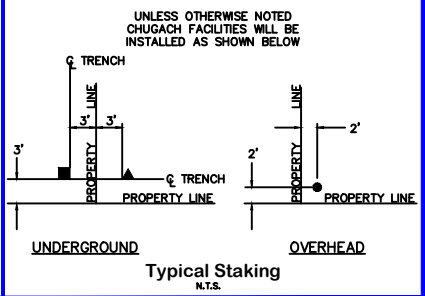


CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



ROW

PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** *M&E CC* W.O. #: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUP)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	<i>[Signature]</i> 3/30/26	

ENG. STAMP

Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

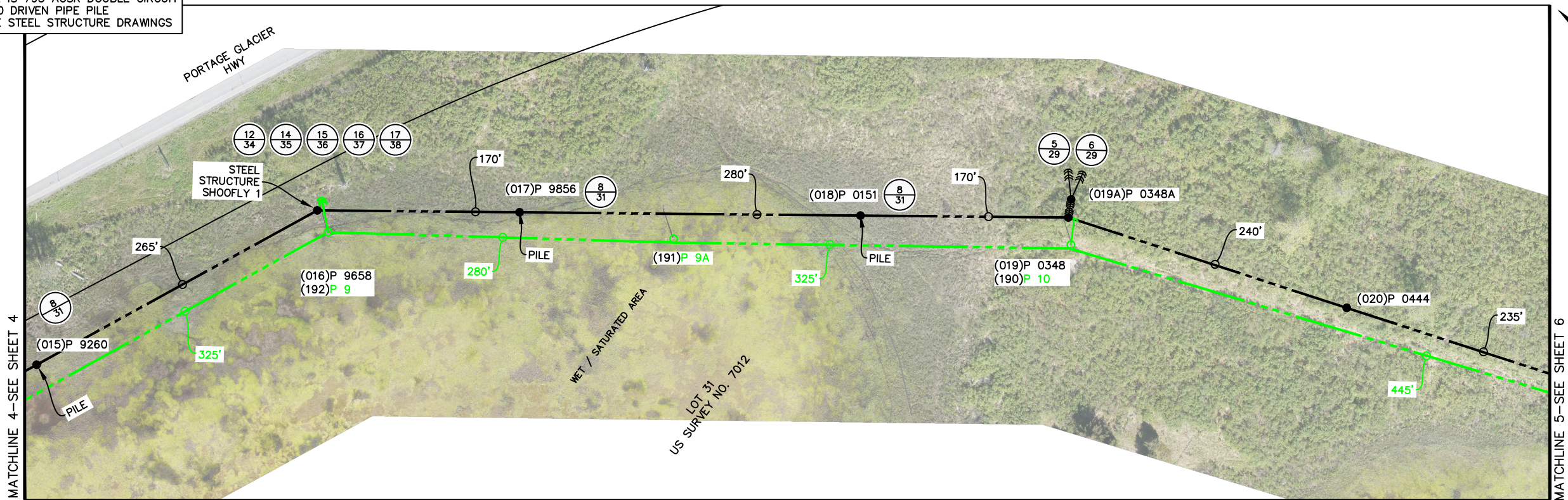
DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

W.O. NO.: **E2214092**

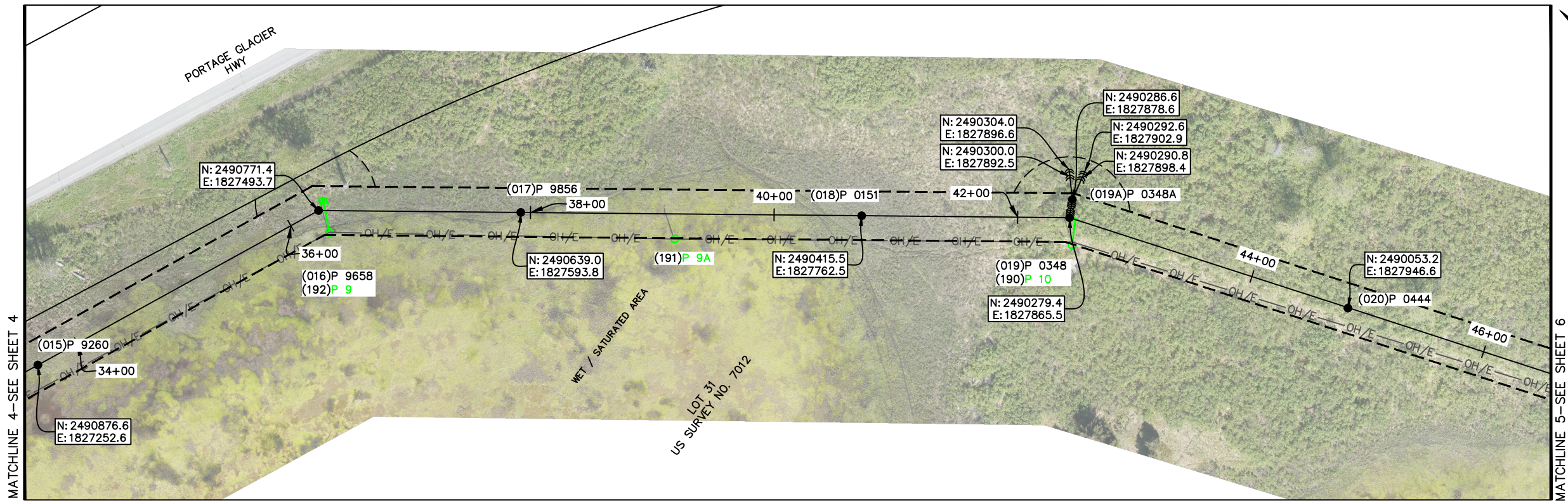
C.W.P. REF. NO.: **E2214092**

SHEET **4** OF **38**

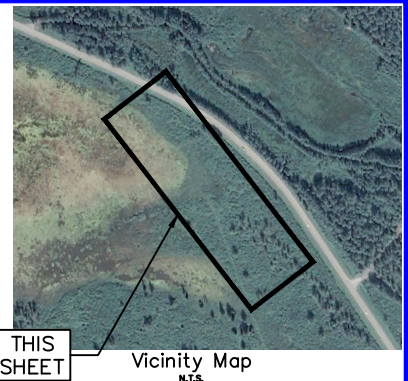
NOTES:
 -3Ø FEEDER IS 795 ACSR DOUBLE CIRCUIT
 -PE36X6-30 DRIVEN PIPE PILE
 -REFERENCE STEEL STRUCTURE DRAWINGS



ELECTRICAL



ROW



CONDUCTOR DATA

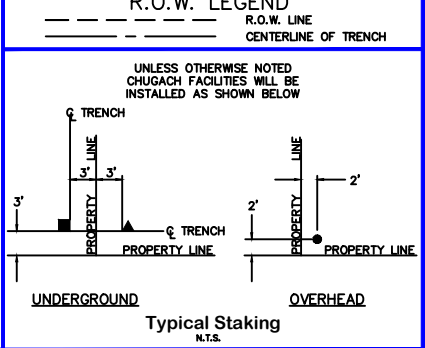
Manuf. _____	Manuf. _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!

LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALYASKA CABLE TV (GIRDWOOD)..... 783-2982
 KULUS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

NEW	EXISTING



PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** *M&E* W.O. #: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUP)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	<i>[Signature]</i> 3/30/26	

ENG. STAMP

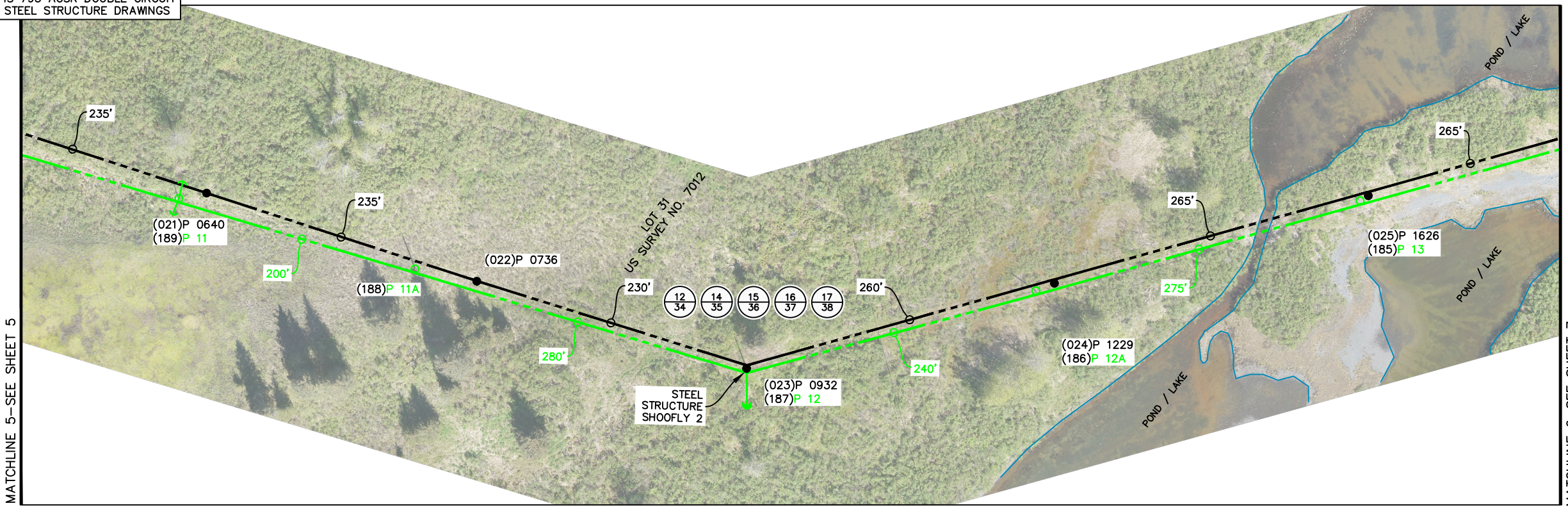
Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

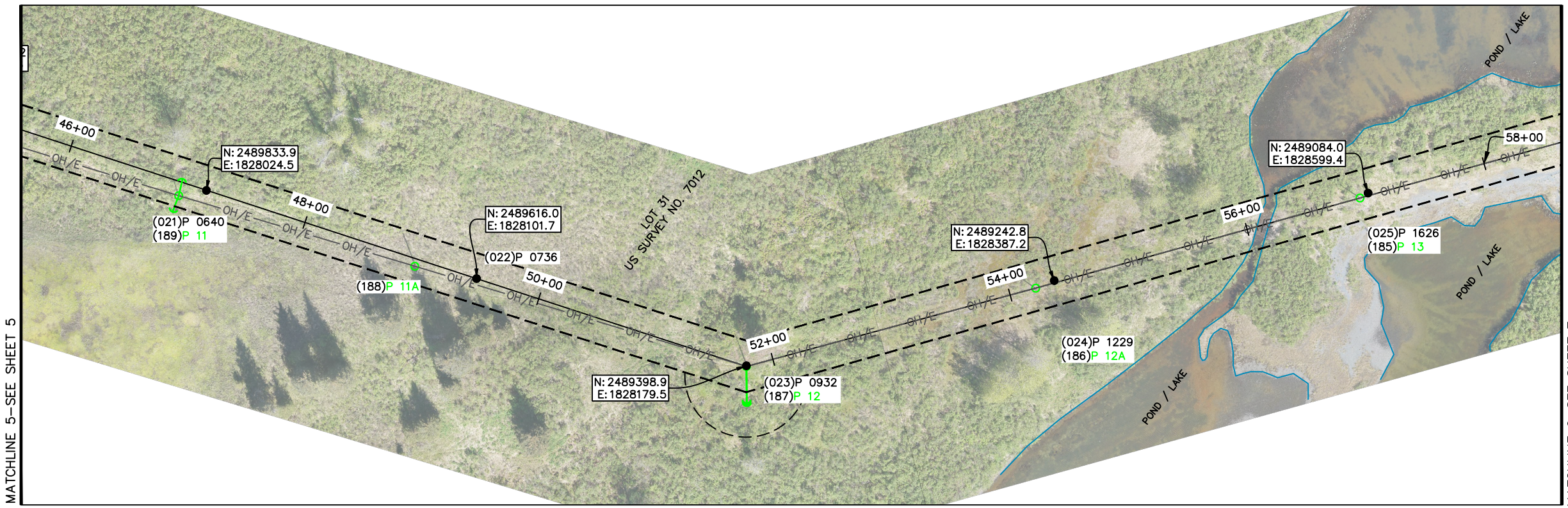
W.O. NO.: **E2214092**
 C.W.P. REF. NO.: **E2214092**

SHEET **5** OF **38**

NOTES:
 -3Ø FEEDER IS 795 ACSR DOUBLE CIRCUIT
 -REFERENCE STEEL STRUCTURE DRAWINGS



ELECTRICAL



ROW



CONDUCTOR DATA

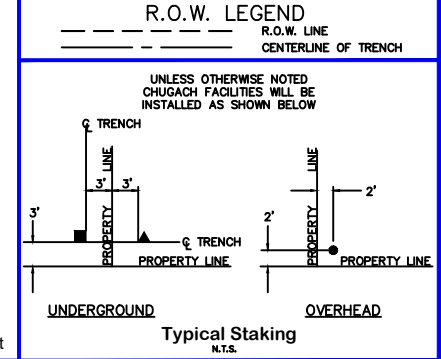
Manuf.	Manuf. Date	Volt Rating	Insul. Type	Insul. Size	Cond. Size/Type	Quantity in Feet

CALL BEFORE YOU DIG!

LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALYASKA CABLE TV (GIRDWOOD)..... 783-2982
 KULIS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

NEW	EXISTING



PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** W.O. #: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUP)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	3/30/26	

ENG. STAMP

Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

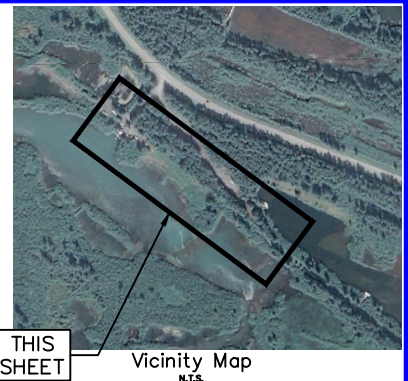
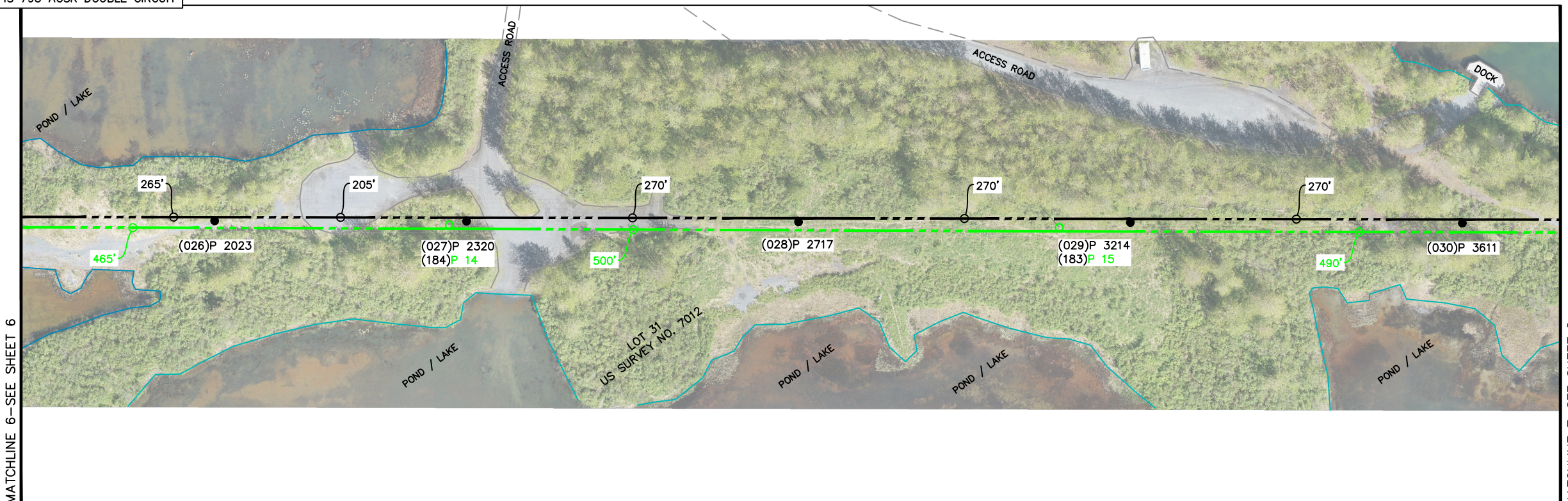
DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

W.O. NO.: **E2214092**

C.W.P. REF. NO.: **E2214092**

SHEET **6** OF **38**

NOTES:
 -3Ø FEEDER IS 795 ACSR DOUBLE CIRCUIT



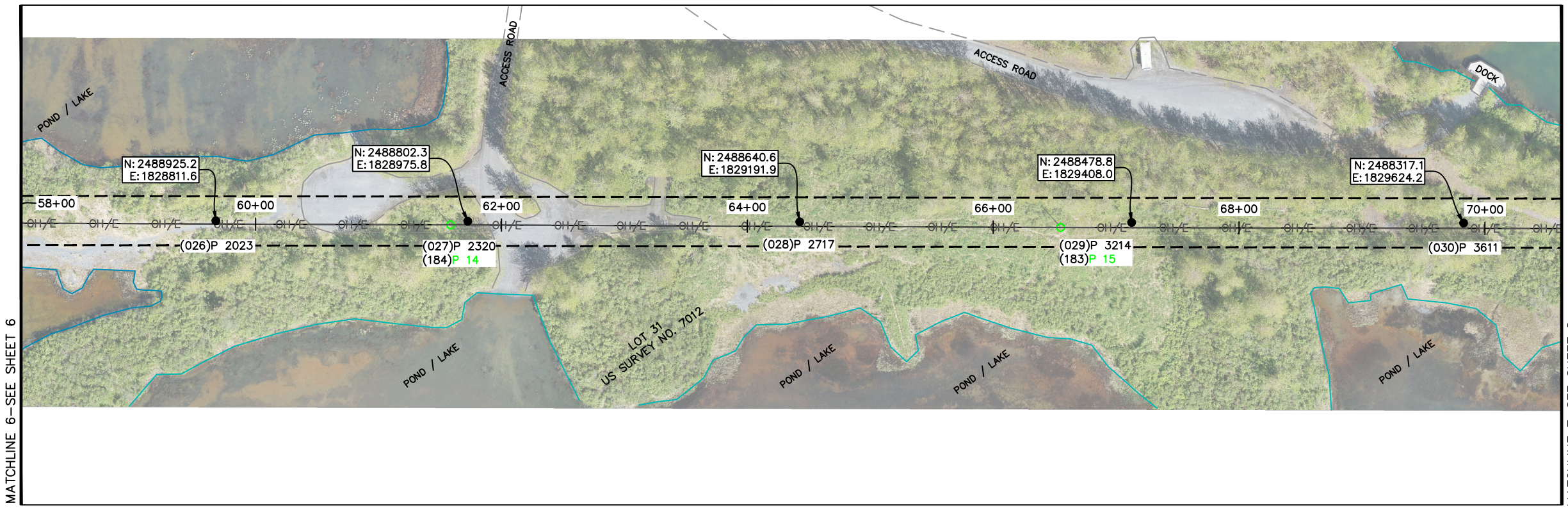
CONDUCTOR DATA

Manuf. _____	Manuf. Date _____	Manuf. _____	Manuf. Date _____
Volt Rating _____	Volt Rating _____	Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____	Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____	Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____	Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____	Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!

LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC. 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALASKA CABLE TV (GIRDWOOD)..... 783-2982
 KULUS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

ELECTRICAL

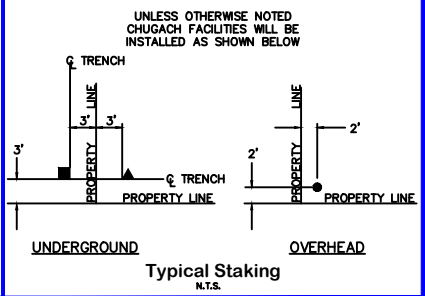


CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



ROW

PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** W.O. #: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	3/30/26	

ENG. STAMP

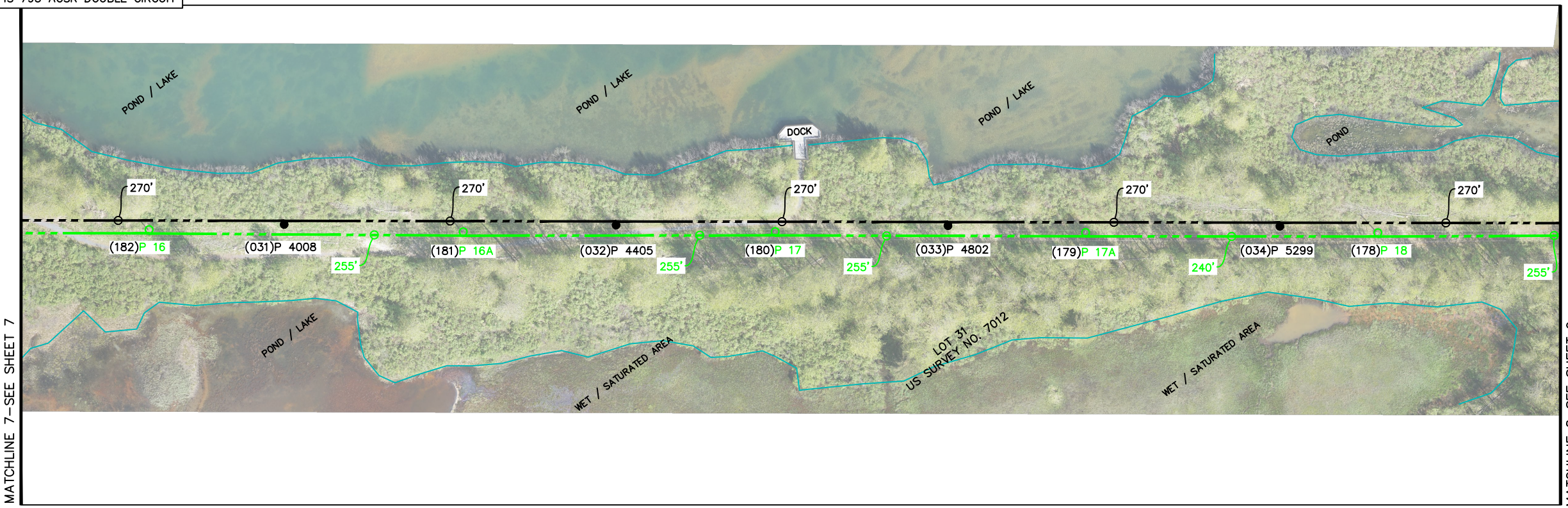
Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

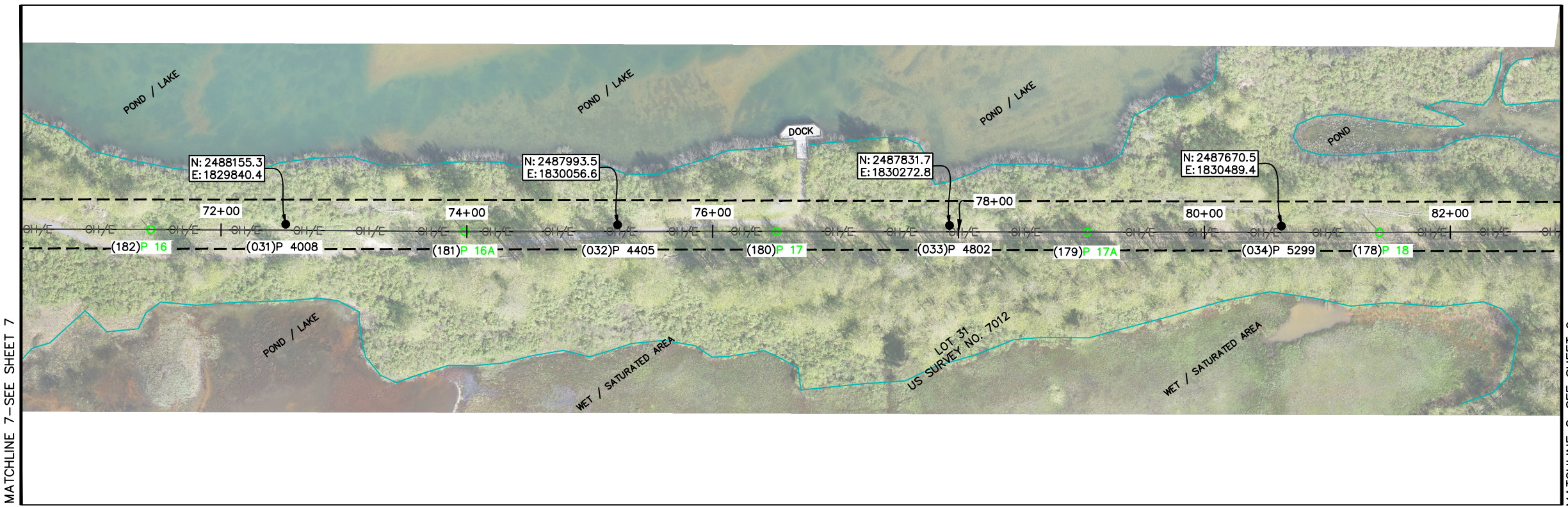
W.O. NO.: **E2214092**

C.W.P. REF. NO.: **SHEET 7 OF 38**

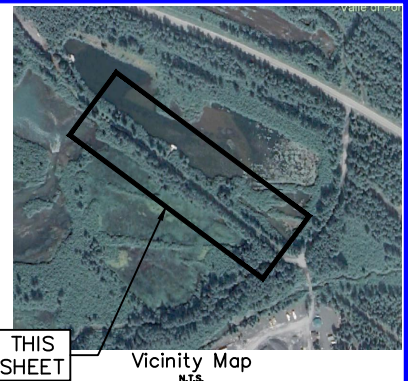
NOTES:
 -3Ø FEEDER IS 795 ACSR DOUBLE CIRCUIT



ELECTRICAL



ROW



CONDUCTOR DATA

Manuf. _____	Manuf. Date _____	Manuf. _____	Manuf. Date _____
Volt Rating _____	Volt Rating _____	Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____	Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____	Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____	Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____	Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!

LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121

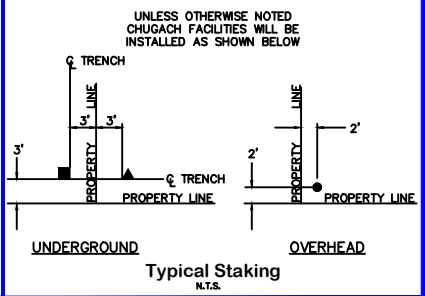
AT&T ALASCOM INC. 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALASKA CABLE TV (GIRDWOOD)..... 783-2982
 KULUS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** *ME&E* W.O. #: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUP)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	<i>[Signature]</i> 3/30/26	

ENG. STAMP

Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

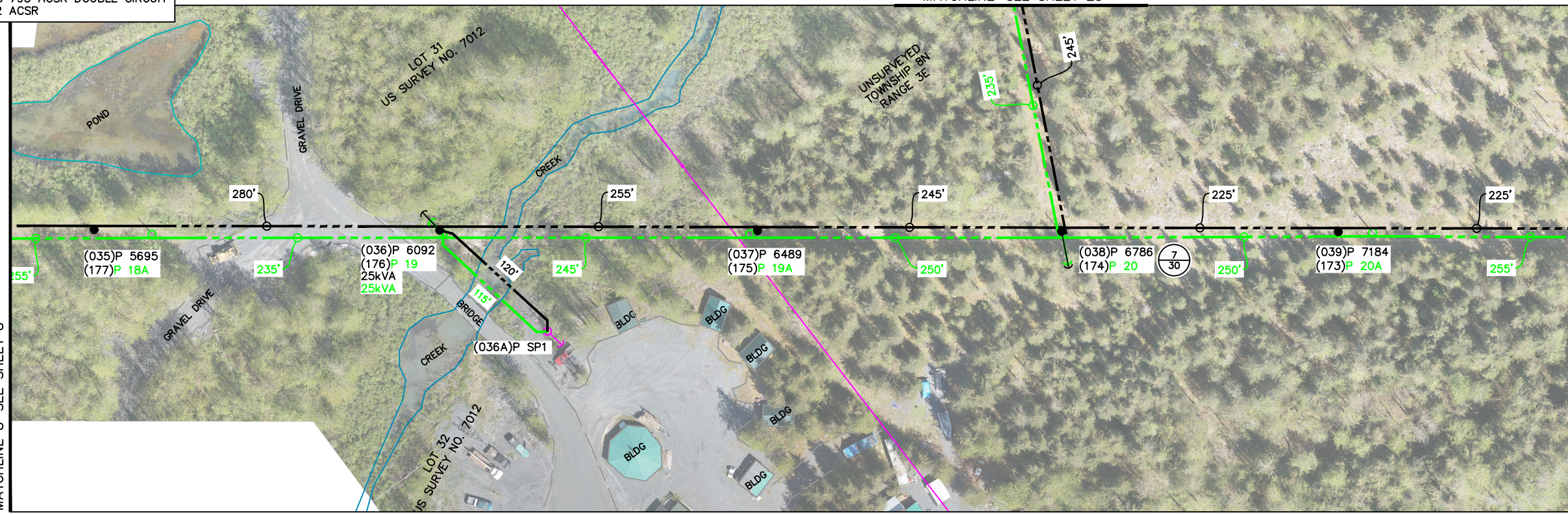
DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

W.O. NO.: **E2214092**
 C.W.P. REF. NO.: **E2214092**

SHEET **8** OF **38**

NOTES:
 -3Ø FEEDER IS 795 ACSR DOUBLE CIRCUIT
 -1Ø TAP IS #2 ACSR

MATCHLINE-SEE SHEET 23



MATCHLINE 8-SEE SHEET 8

MATCHLINE 9-SEE SHEET 10



CONDUCTOR DATA

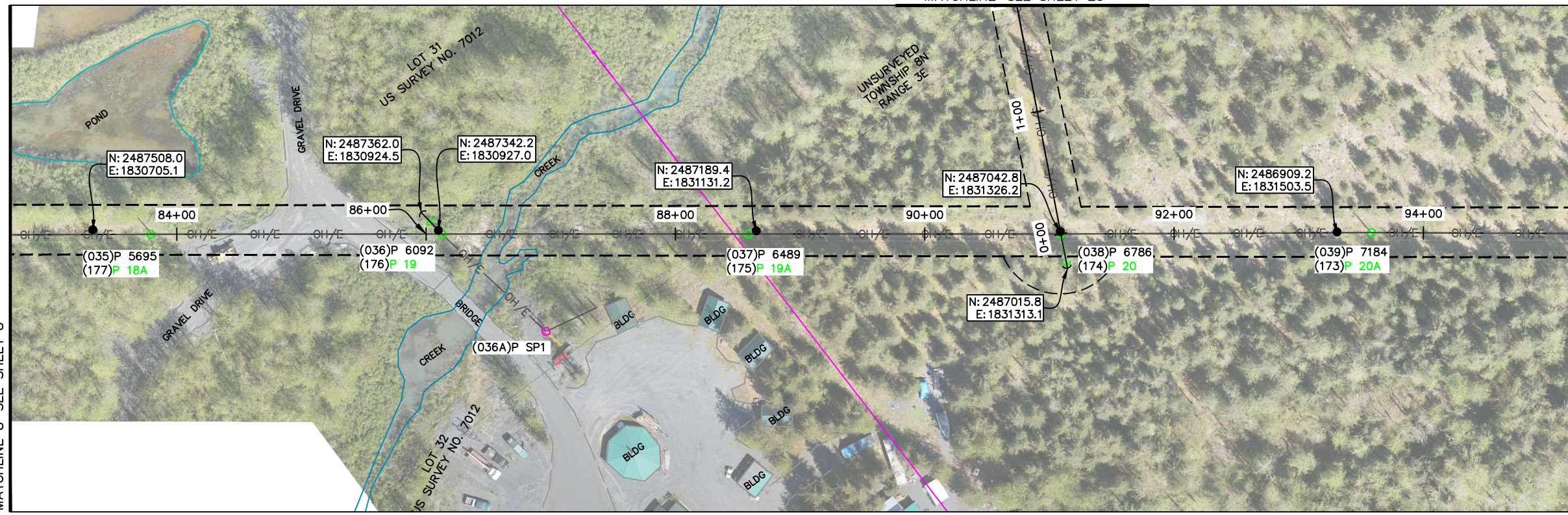
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Volt Rating _____	Volt Rating _____	Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____	Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____	Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____	Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____	Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!

LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALYASKA CABLE TV (GIRDWOOD)..... 783-2982
 KULUS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

ELECTRICAL

MATCHLINE-SEE SHEET 23



MATCHLINE 8-SEE SHEET 8

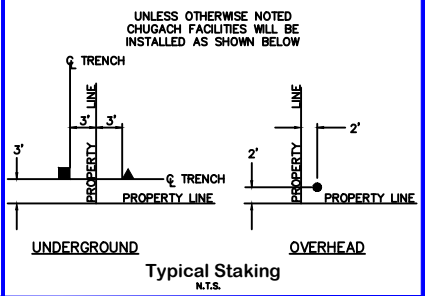
MATCHLINE 9-SEE SHEET 10

CONSTRUCTION LEGEND

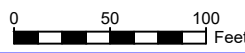
NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



ROW



PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** *ME&C* W.O. #: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	<i>[Signature]</i> 3/30/26	

ENG. STAMP

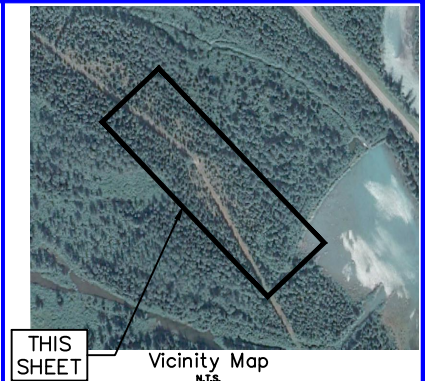
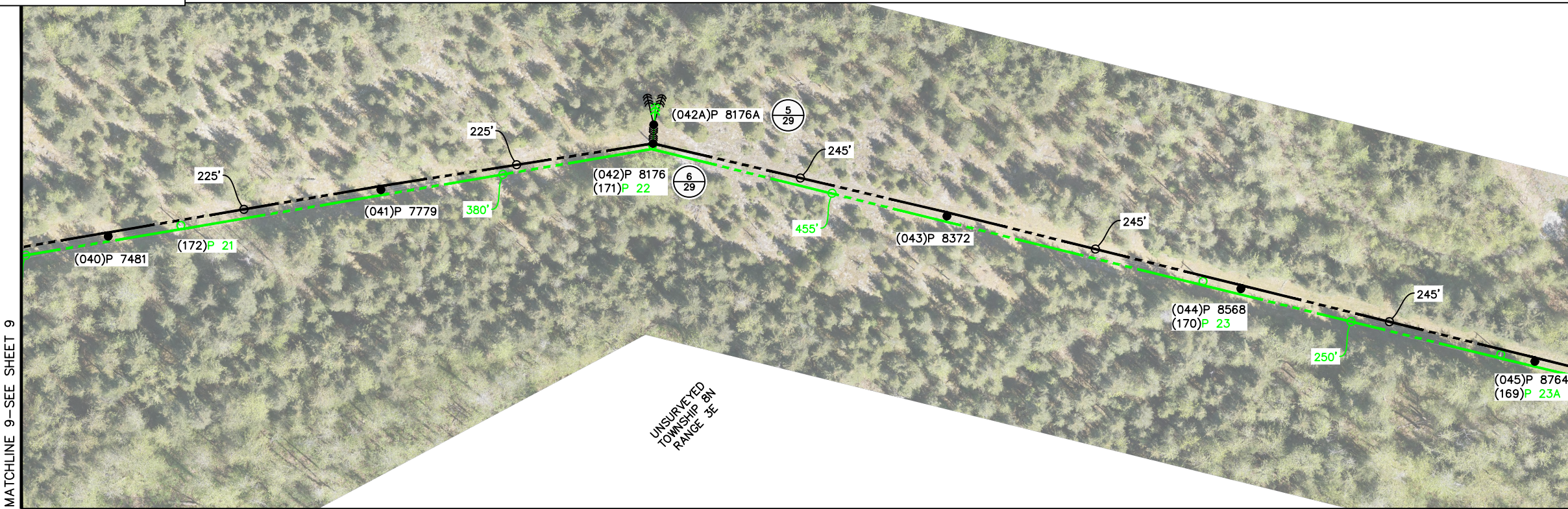
Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

W.O. NO.: **E2214092**
 C.W.P. REF. NO.: **E2214092**

SHEET **9** OF **38**

NOTES:
 -3Ø FEEDER IS 795 ACSR DOUBLE CIRCUIT



THIS SHEET Vicinity Map N.T.S.

CONDUCTOR DATA

Manuf. _____	Manuf. _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!

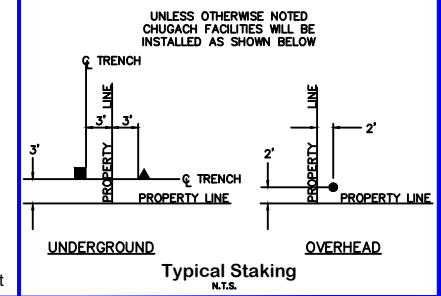
LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALYESKA CABLE TV (GIRDWOOD)..... 783-2982
 KULIS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

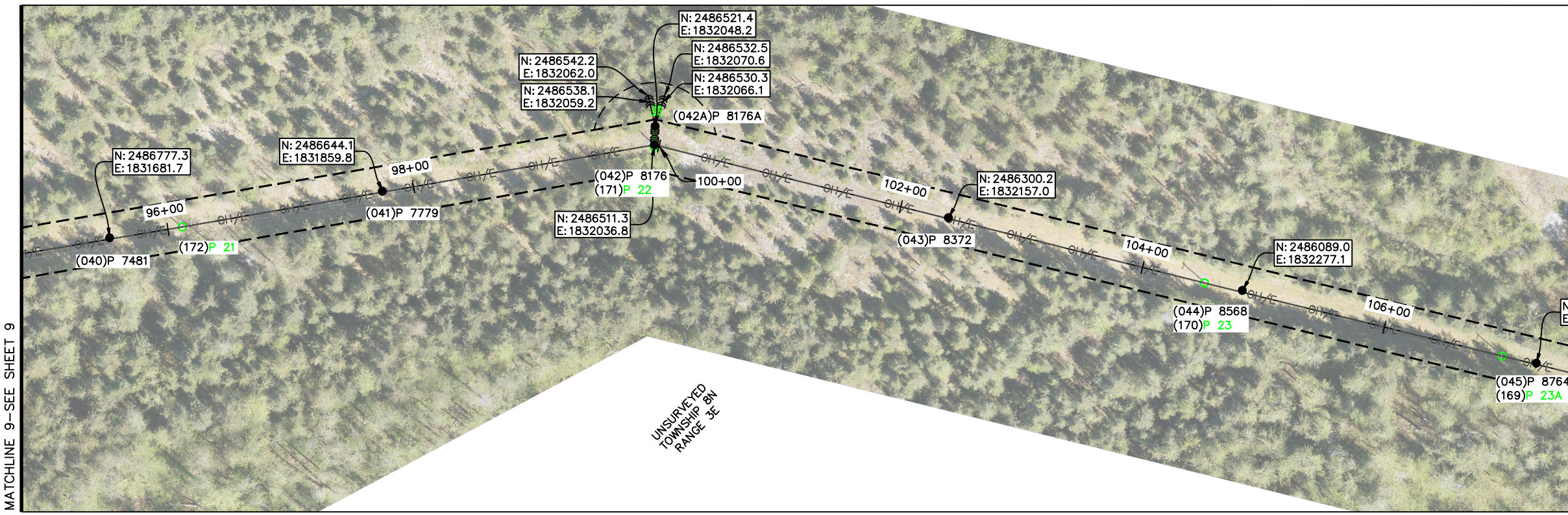
NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



ELECTRICAL



ROW

PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** W.O.#: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	3/30/26	

ENG. STAMP

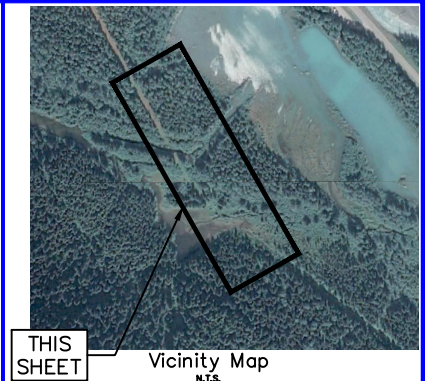
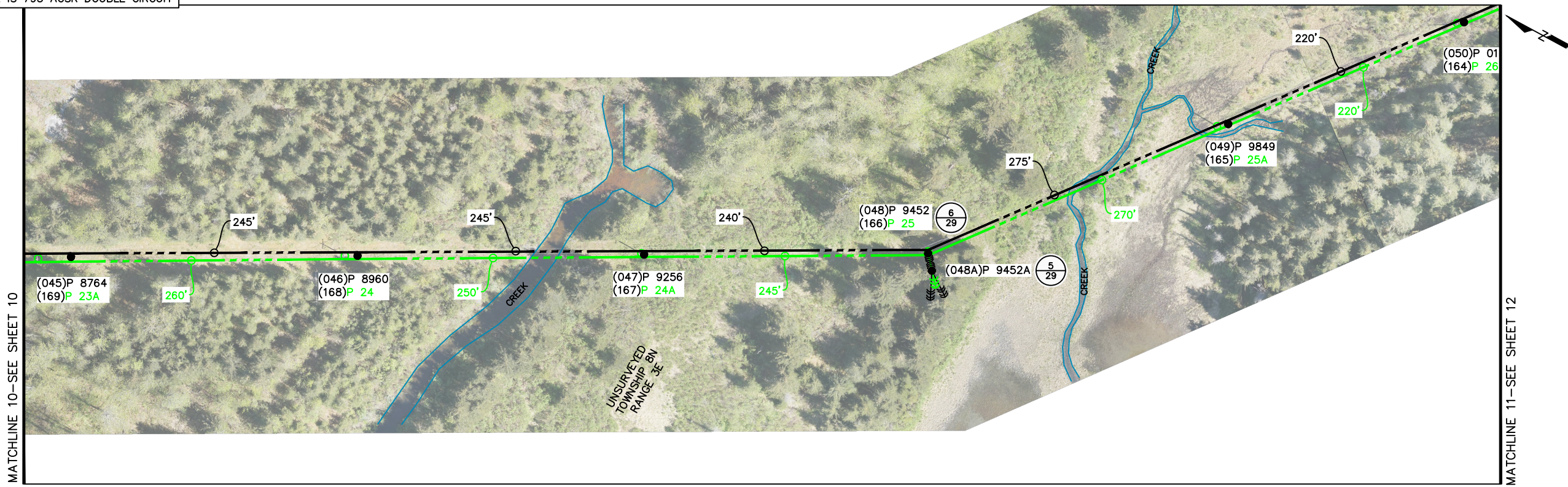
Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322

W.O. NO.: **E2214092**
 C.W.P. REF. NO.: **E2214092**

SHEET **10** OF **38**

NOTES:
-3Ø FEEDER IS 795 ACSR DOUBLE CIRCUIT

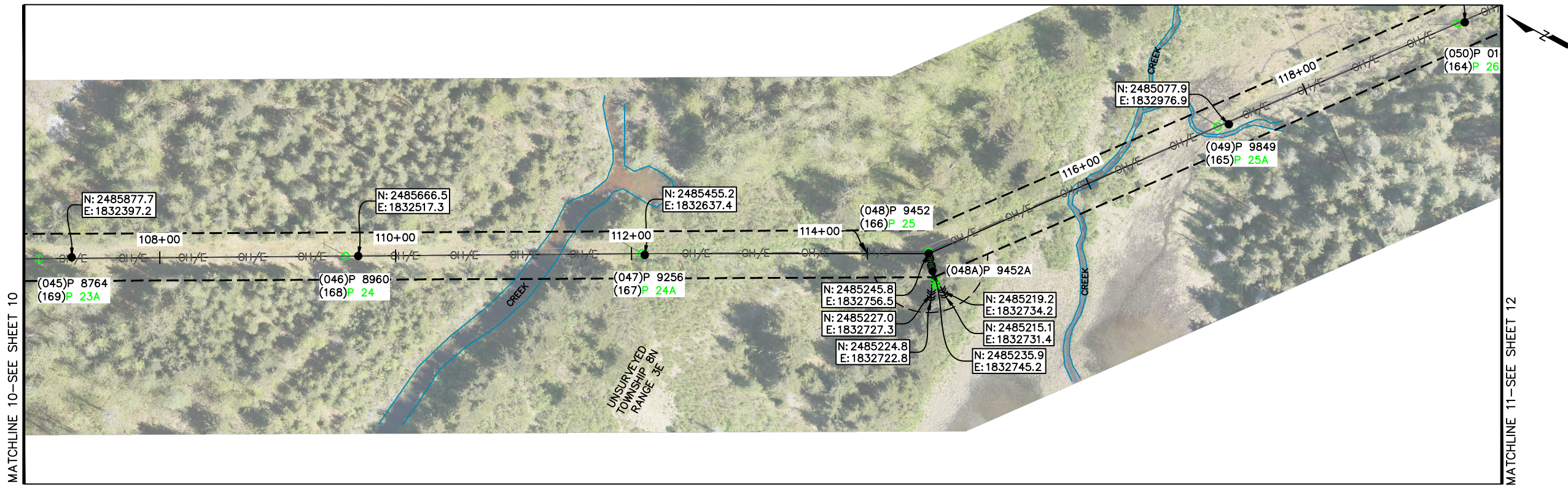


CONDUCTOR DATA

Manuf.	Manuf. Date	Volt Rating	Insul. Type	Insul. Size	Cond. Size/Type	Quantity in Feet

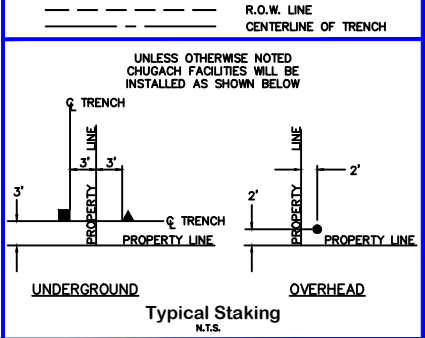
CALL BEFORE YOU DIG!
LOCATE CALL CENTER OF ALASKA (LCCA)
ANCHORAGE AREA..... 278-3121
STATEWIDE..... 800-478-3121
AT&T ALASCOM INC..... 264-8465
ALASKA RAILROAD UTILITIES..... 265-2457
ALASKA CABLE TV (GIRDWOOD)..... 783-2982
KULUS AIR BASE..... 249-1499
MILITARY PETROLEUM FUEL LINES..... 552-2334
OR 552-5342
STATE STORM DRAINS & STREET LIGHTS..... 333-2411

ELECTRICAL



CONSTRUCTION LEGEND

NEW	EXISTING



ROW

PROJECT: PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT

DESIGNER/PROJECT ENGINEER: M. ELLIOTT & E. COOK

W.O. #: E2214092

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUP)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	3/30/26	

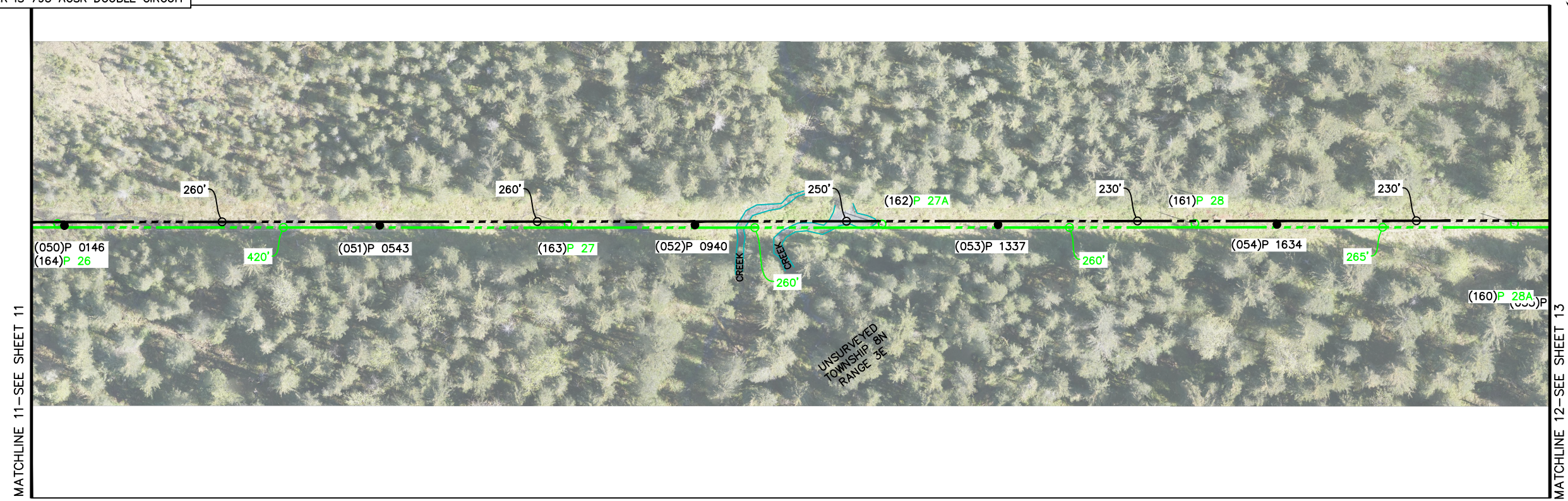
ENG. STAMP

Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

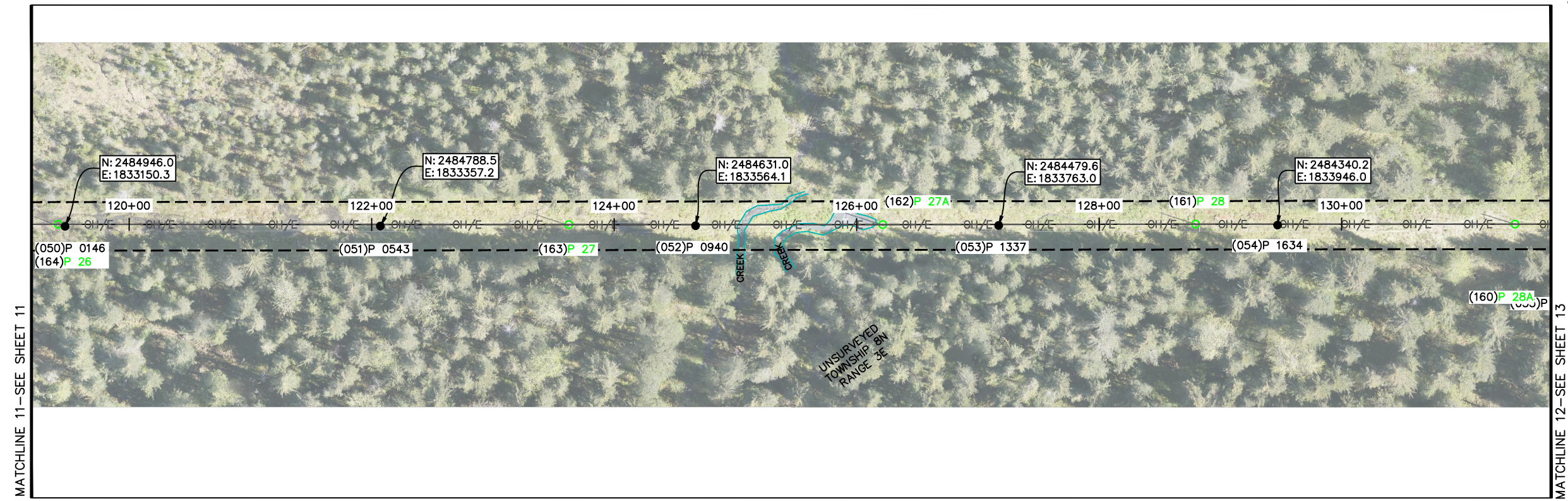
DRAWING NAME: PTSS 322 FEEDER RECONDUCTOR
3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
GRIDS: P004 - P013 MAPS: VARIOUS
FEEDER: PORTAGE 322

W.O. NO.: E2214092
C.W.P. REF. NO.: SHEET 11 OF 38

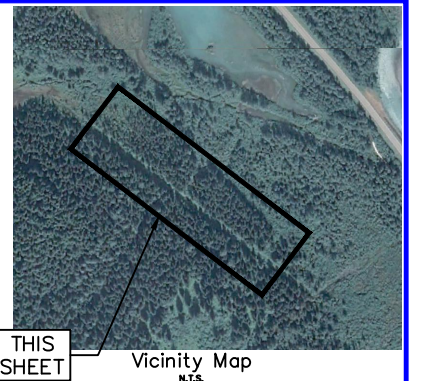
NOTES:
 -3Ø FEEDER IS 795 ACSR DOUBLE CIRCUIT



ELECTRICAL



ROW



CONDUCTOR DATA

Manuf. _____	Manuf. _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____

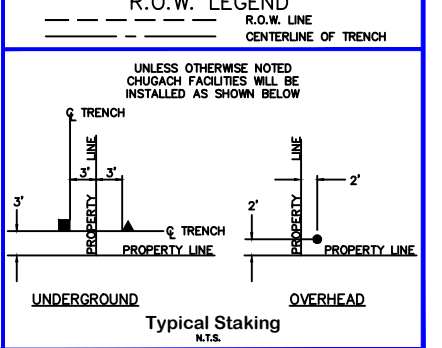
CALL BEFORE YOU DIG!

LOCATE CALL CENTER OF ALASKA (LCCA)

ANCHORAGE AREA.....	278-3121
STATEWIDE.....	800-478-3121
AT&T ALASCOM INC.....	264-8465
ALASKA RAILROAD UTILITIES.....	265-2457
ALASKA CABLE TV (GIRDWOOD).....	783-2982
KULIS AIR BASE.....	249-1499
MILITARY PETROLEUM FUEL LINES.....	552-2334
OR	552-5342
STATE STORM DRAINS & STREET LIGHTS.....	333-2411

CONSTRUCTION LEGEND

NEW	EXISTING



PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** *ME&E* W.O. #: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUP)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	<i>[Signature]</i> 3/30/26	

ENG. STAMP

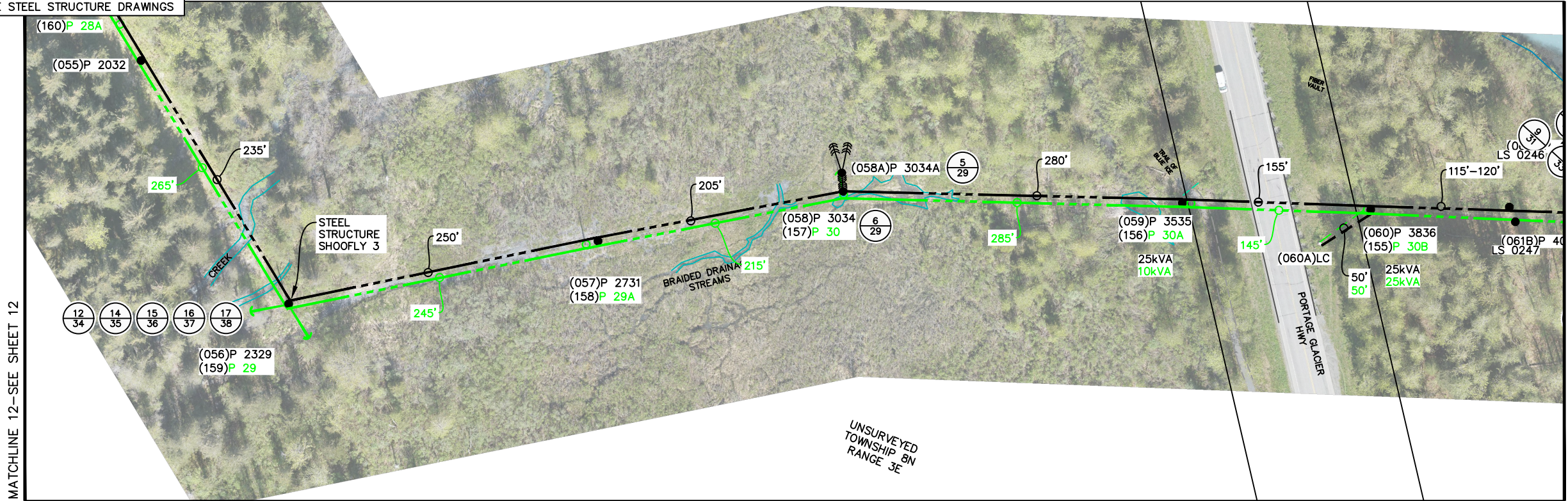
Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

W.O. NO.: **E2214092**

C.W.P. REF. NO.: **SHEET 12 OF 38**

NOTES:
 -3Ø FEEDER IS 795 ACSR DOUBLE CIRCUIT
 -REFERENCE STEEL STRUCTURE DRAWINGS

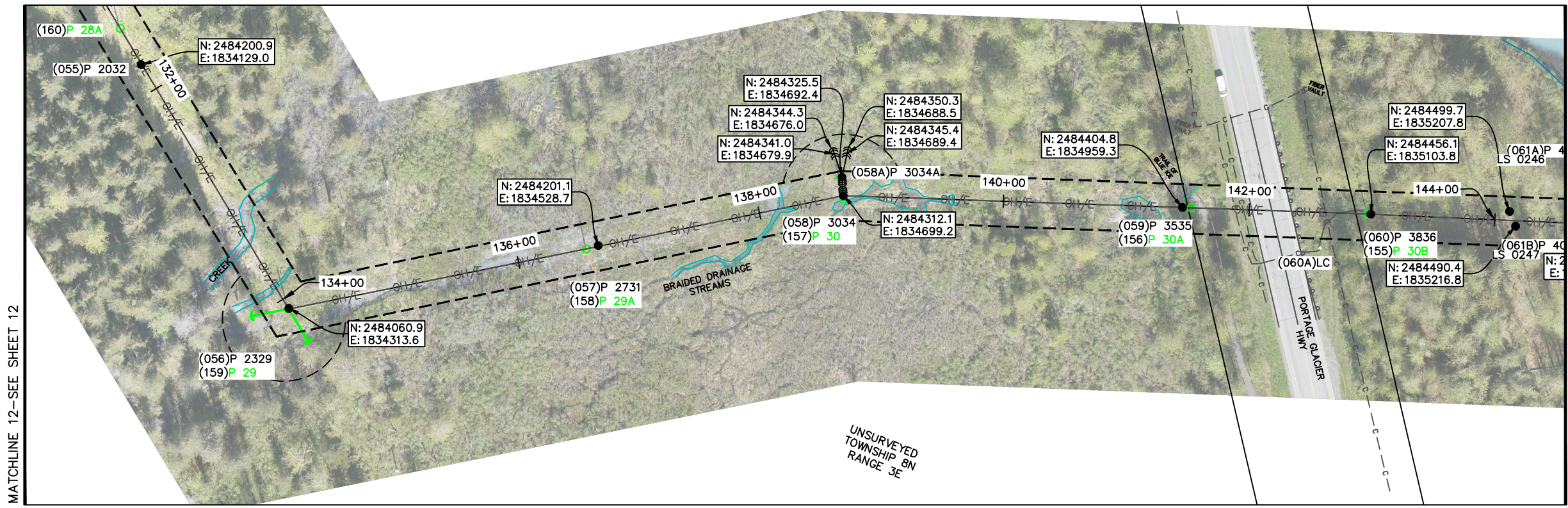


CONDUCTOR DATA

Manuf.	Manuf. Date	Volt Rating	Insul. Type	Insul. Size	Cond. Size/Type	Quantity in Feet

CALL BEFORE YOU DIG!
 LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALYESKA CABLE TV (GIRDWOOD)..... 783-2982
 KULIS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

ELECTRICAL

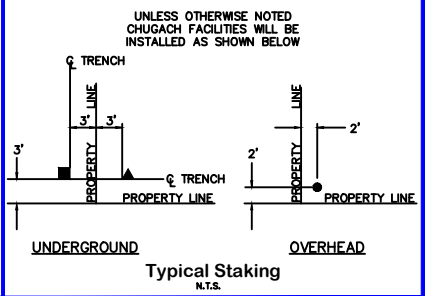


CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



ROW

PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** W.O. #: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUP)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	3/30/26	

ENG. STAMP

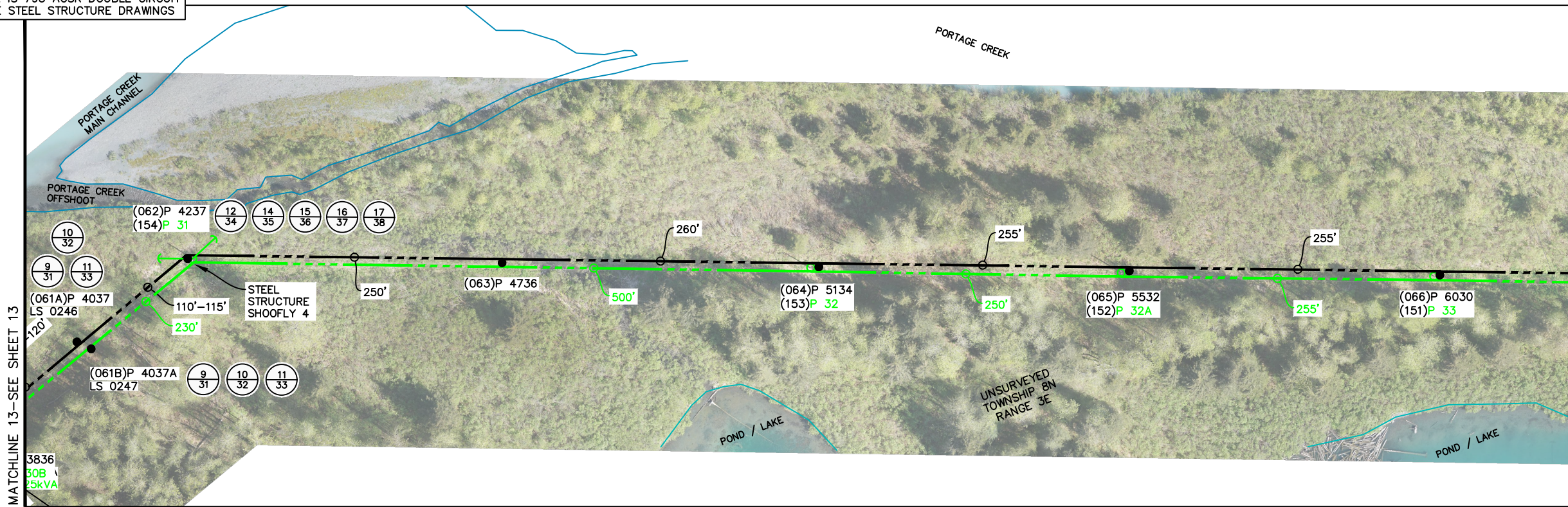
Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

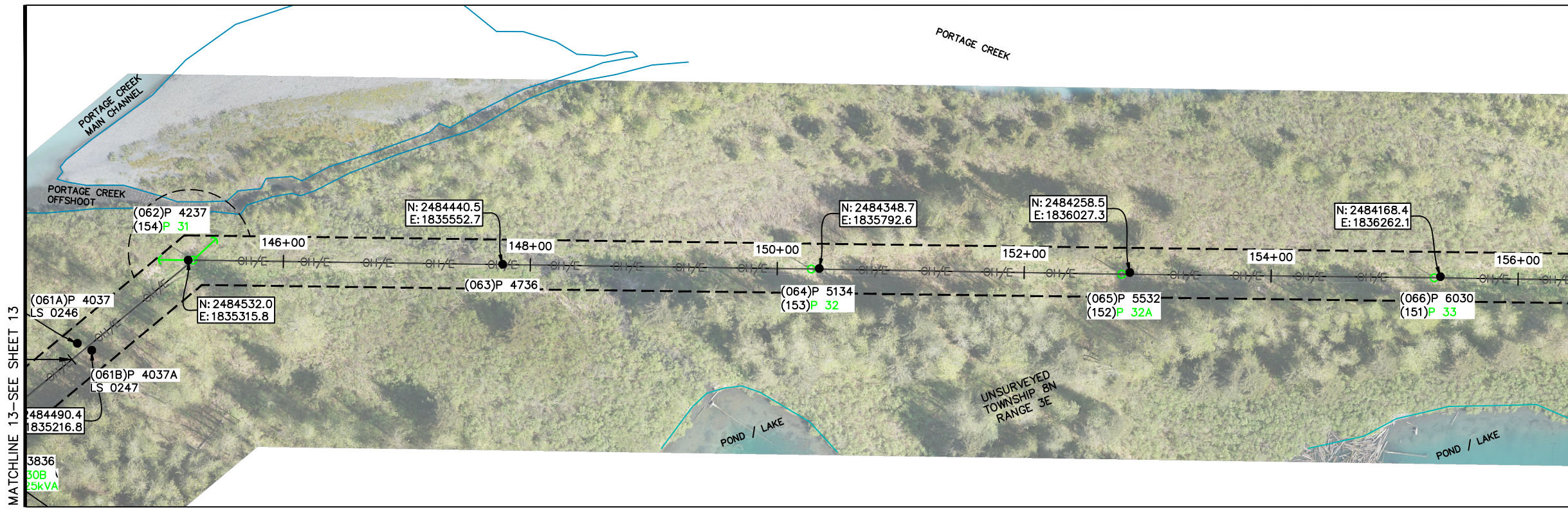
W.O. NO.: **E2214092**
 C.W.P. REF. NO.: **E2214092**

SHEET **13** OF **38**

NOTES:
 -3Ø FEEDER IS 795 ACSR DOUBLE CIRCUIT
 -REFERENCE STEEL STRUCTURE DRAWINGS



ELECTRICAL



ROW



CONDUCTOR DATA

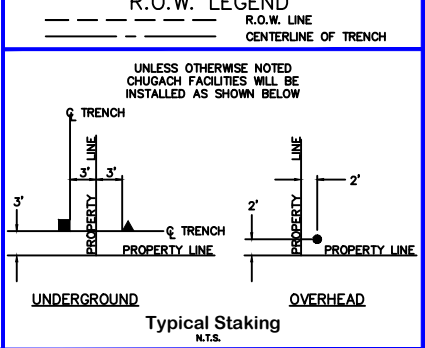
Manuf. _____	Manuf. _____
Manuf. Date _____	Manuf. Date _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!

LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALYASKA CABLE TV (GIRDWOOD)..... 783-2982
 KULUS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

NEW	EXISTING



PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** W.O. #: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUP)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	<i>[Signature]</i> 3/30/26	

ENG. STAMP

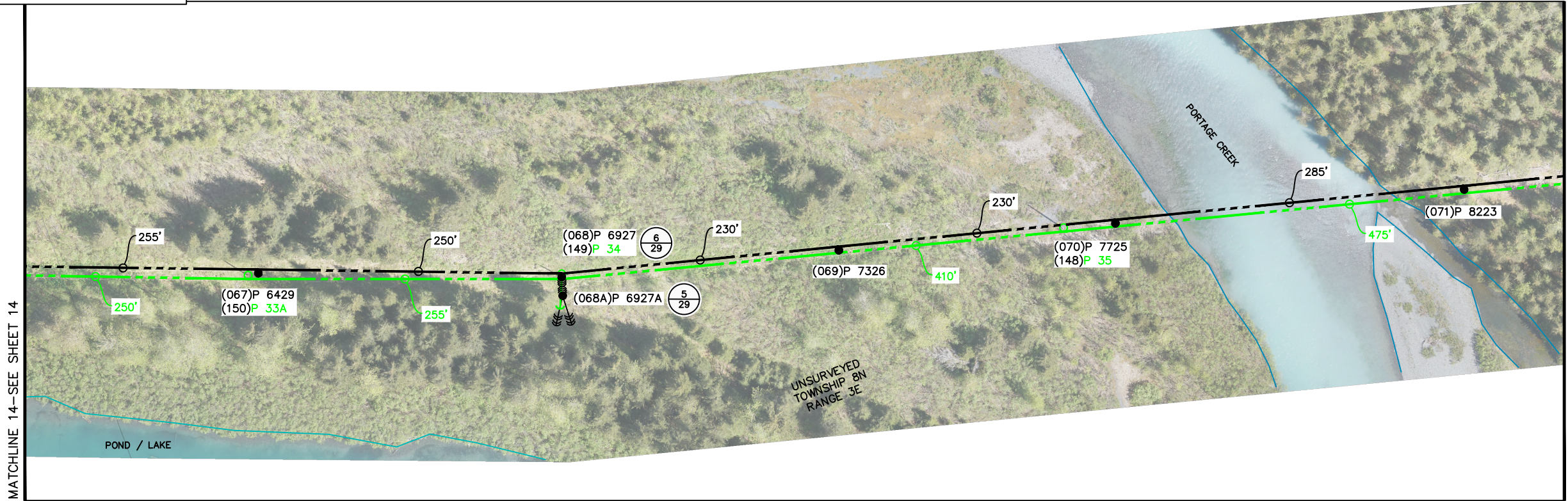
Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

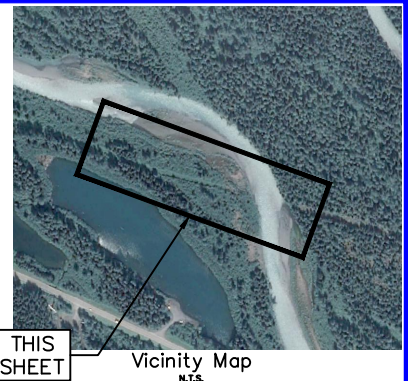
W.O. NO.: **E2214092**
 C.W.P. REF. NO.: **E2214092**

SHEET **14** OF **38**

NOTES:
 -3Ø FEEDER IS 795 ACSR DOUBLE CIRCUIT



ELECTRICAL



CONDUCTOR DATA

Manuf.	Manuf. Date	Volt Rating	Insul. Type	Insul. Size	Cond. Size/Type	Quantity in Feet

CALL BEFORE YOU DIG!

LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121

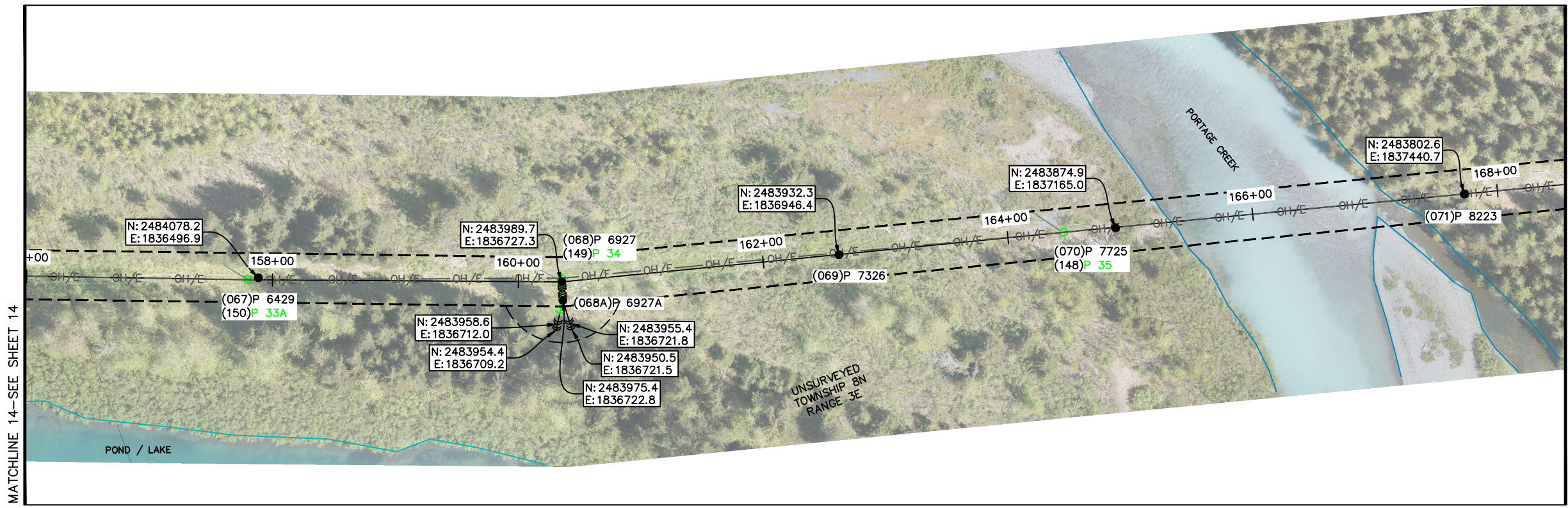
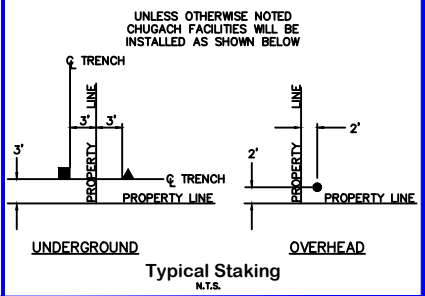
AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALYESKA CABLE TV (GIRDWOOD)..... 783-2982
 KULUS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

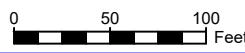
NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



ROW



PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** M.E.C.

W.O. #: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	3/30/26	

ENG. STAMP

Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

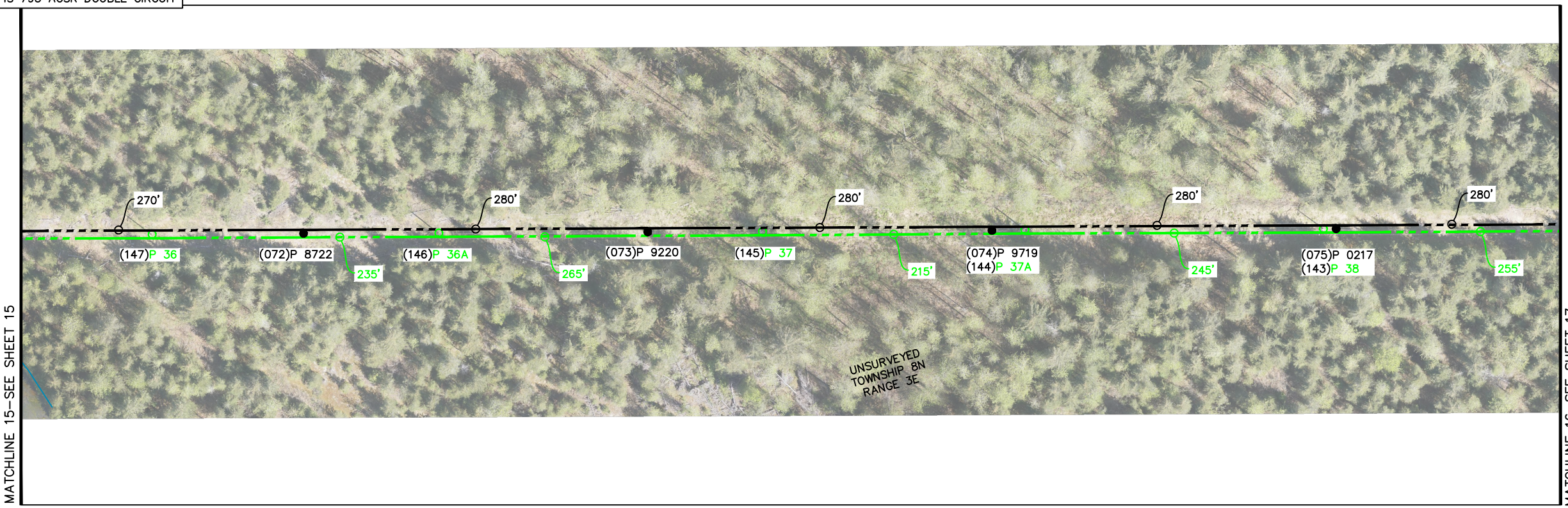
DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

W.O. NO.: **E2214092**

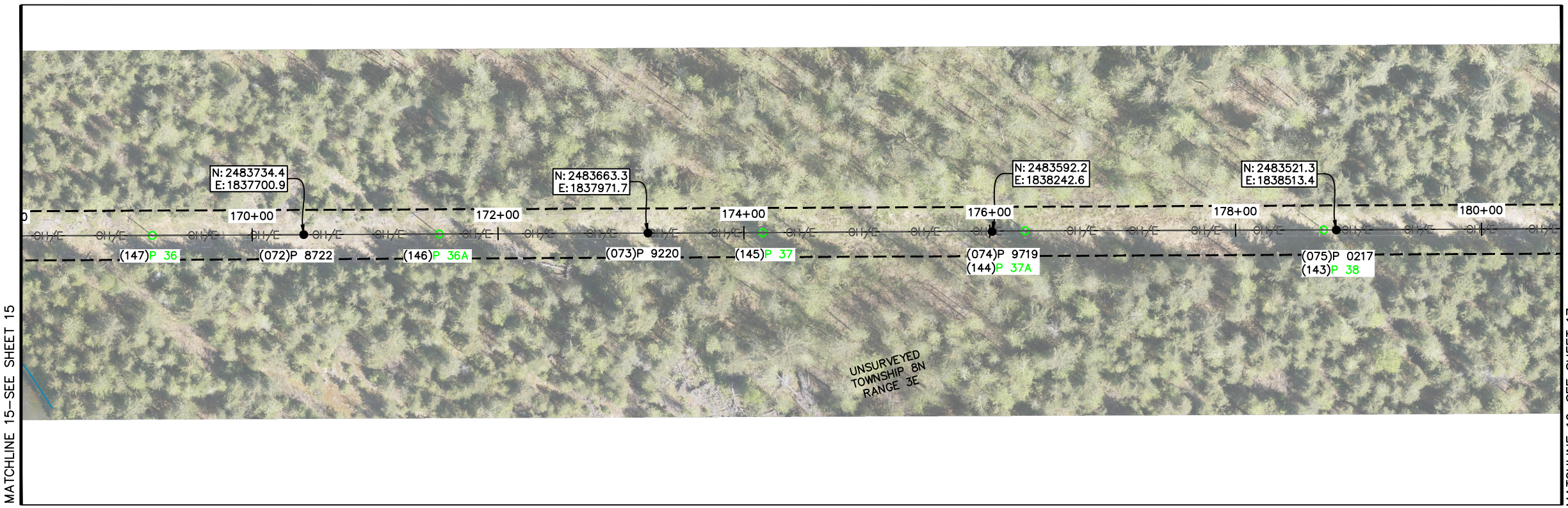
C.W.P. REF. NO.: **E2214092**

SHEET **15** OF **38**

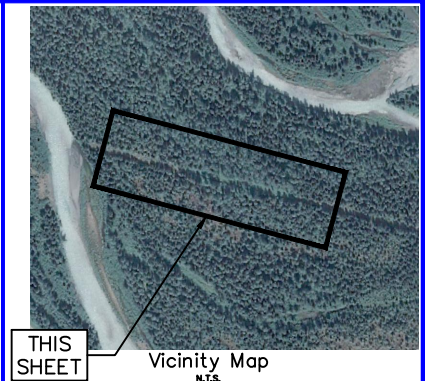
NOTES:
 -3Ø FEEDER IS 795 ACSR DOUBLE CIRCUIT



ELECTRICAL



ROW



CONDUCTOR DATA

Manuf. _____	Manuf. Date _____	Manuf. _____	Manuf. Date _____
Volt Rating _____	Volt Rating _____	Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____	Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____	Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____	Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____	Quantity in Feet _____	Quantity in Feet _____

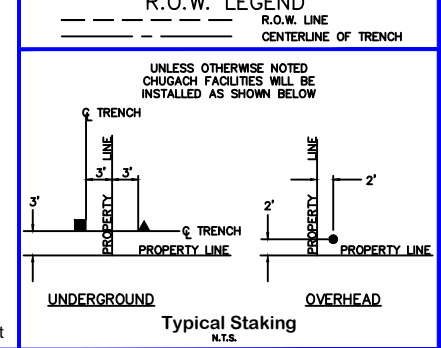
CALL BEFORE YOU DIG!

LOCATE CALL CENTER OF ALASKA (LCCA)

ANCHORAGE AREA.....	278-3121
STATEWIDE.....	800-478-3121
AT&T ALASCOM INC.....	264-8465
ALASKA RAILROAD UTILITIES.....	265-2457
ALYASKA CABLE TV (GIRDWOOD).....	783-2982
KULUS AIR BASE.....	249-1499
MILITARY PETROLEUM FUEL LINES.....	552-2334 OR 552-5342
STATE STORM DRAINS & STREET LIGHTS.....	333-2411

CONSTRUCTION LEGEND

NEW	EXISTING



PROJECT: PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT			
DESIGNER/PROJECT ENGINEER: M. ELLIOTT & E. COOK		W.O. #: E2214092	
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUP)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	3/30/26

ENG. STAMP

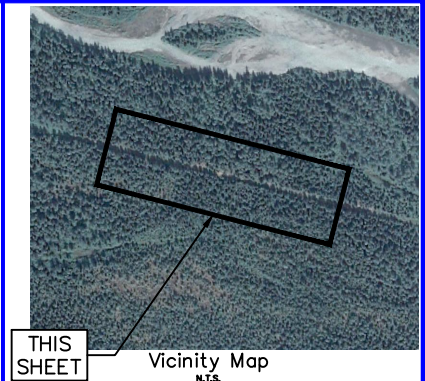
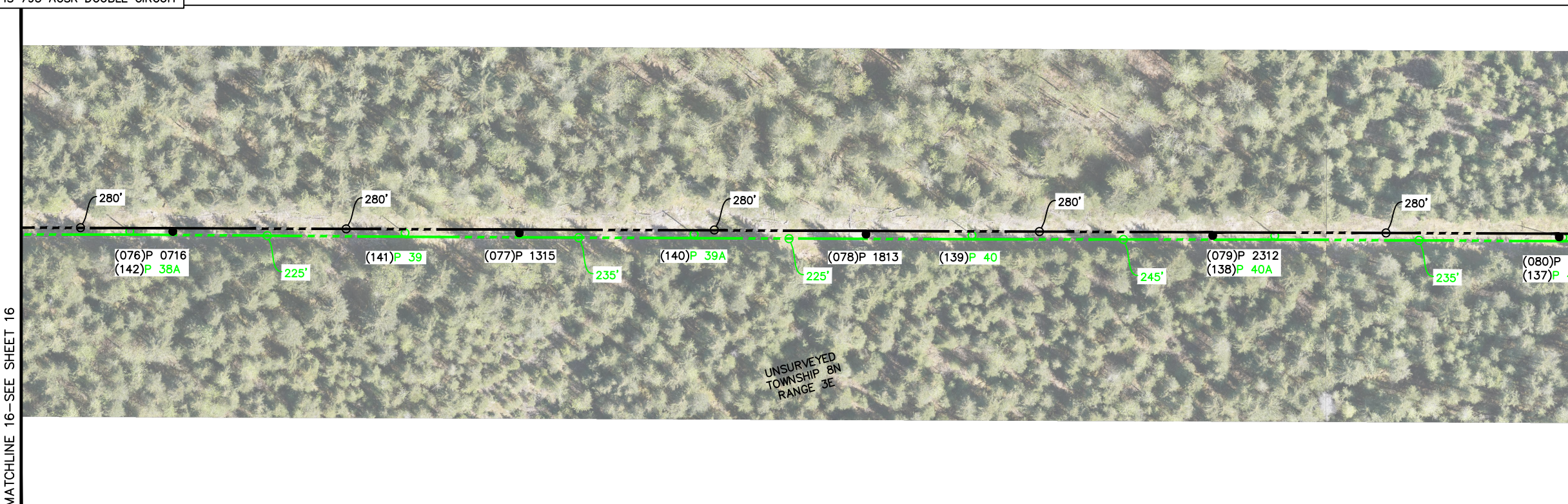
Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

W.O. NO.: **E2214092**

C.W.P. REF. NO.: **SHEET 16 OF 38**

NOTES:
 -3Ø FEEDER IS 795 ACSR DOUBLE CIRCUIT



CONDUCTOR DATA

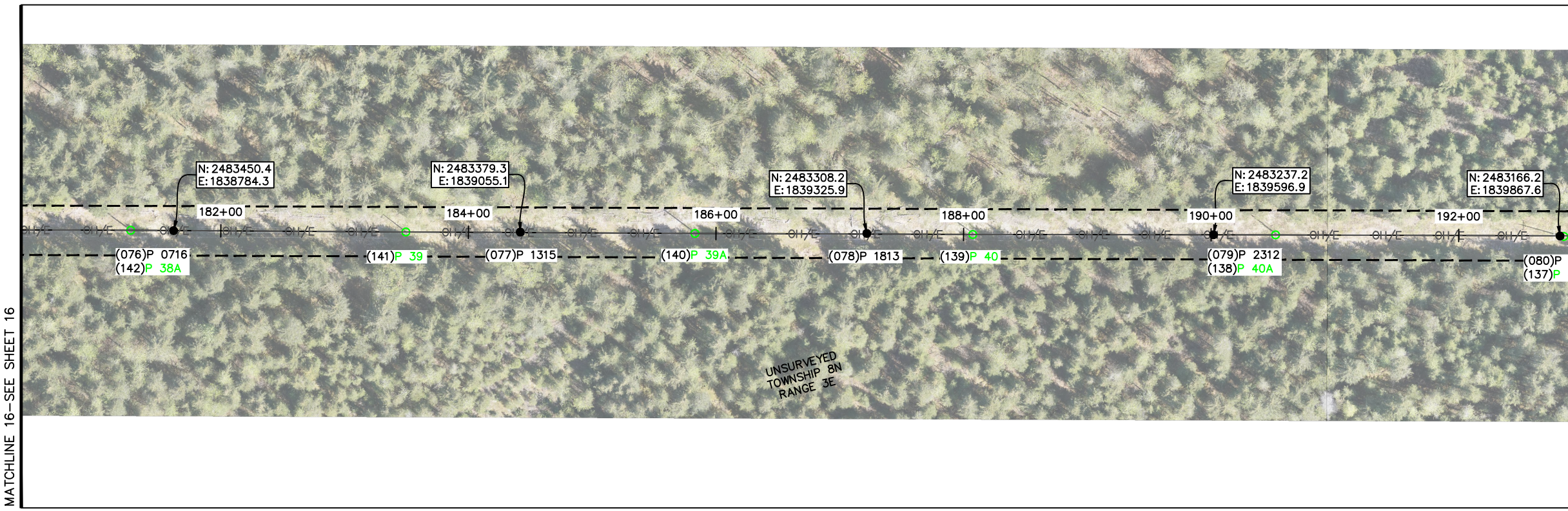
Manuf. _____	Manuf. _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!

LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121

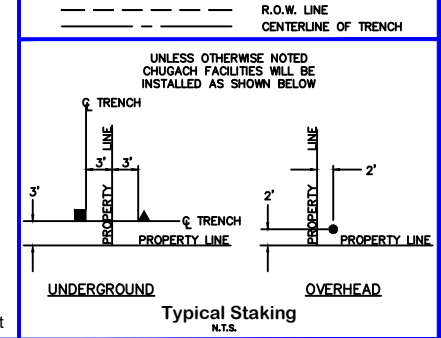
AT&T ALASCOM INC. 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALASKA CABLE TV (GIRDWOOD)..... 783-2982
 KULUS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

ELECTRICAL



CONSTRUCTION LEGEND

NEW	EXISTING



ROW

PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** *ME & EC* W.O. #: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUP)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	<i>[Signature]</i> 3/30/26	

ENG. STAMP

Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

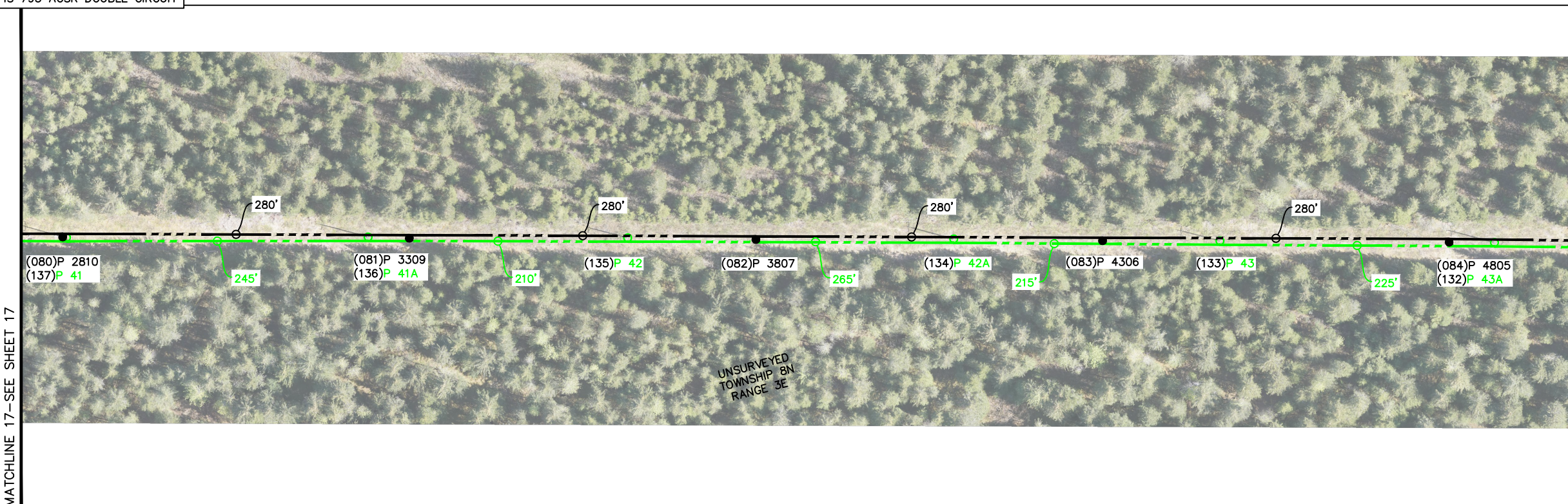
DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

W.O. NO.: **E2214092**

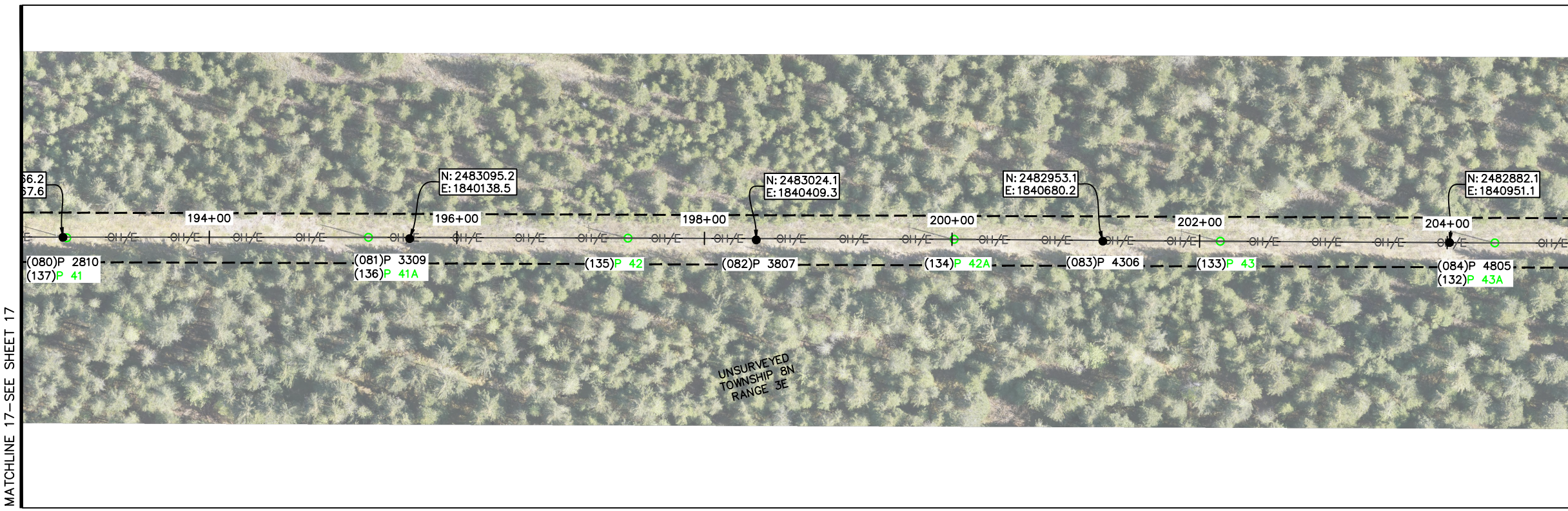
C.W.P. REF. NO.: **E2214092**

SHEET **17** OF **38**

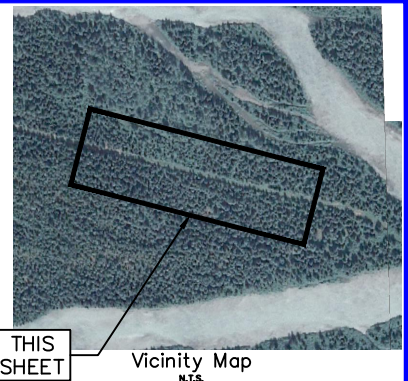
NOTES:
 -3Ø FEEDER IS 795 ACSR DOUBLE CIRCUIT



ELECTRICAL



ROW



CONDUCTOR DATA

Manuf. _____	Manuf. Date _____	Manuf. _____	Manuf. Date _____
Volt Rating _____	Volt Rating _____	Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____	Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____	Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____	Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____	Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!

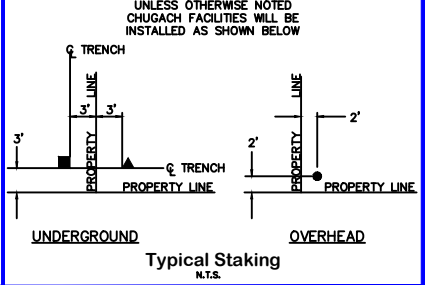
LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALYESKA CABLE TV (GIRDWOOD)..... 783-2982
 KULUS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** *ME&E* W.O.#: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUP)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	<i>ET</i> 3/30/26	

ENG. STAMP

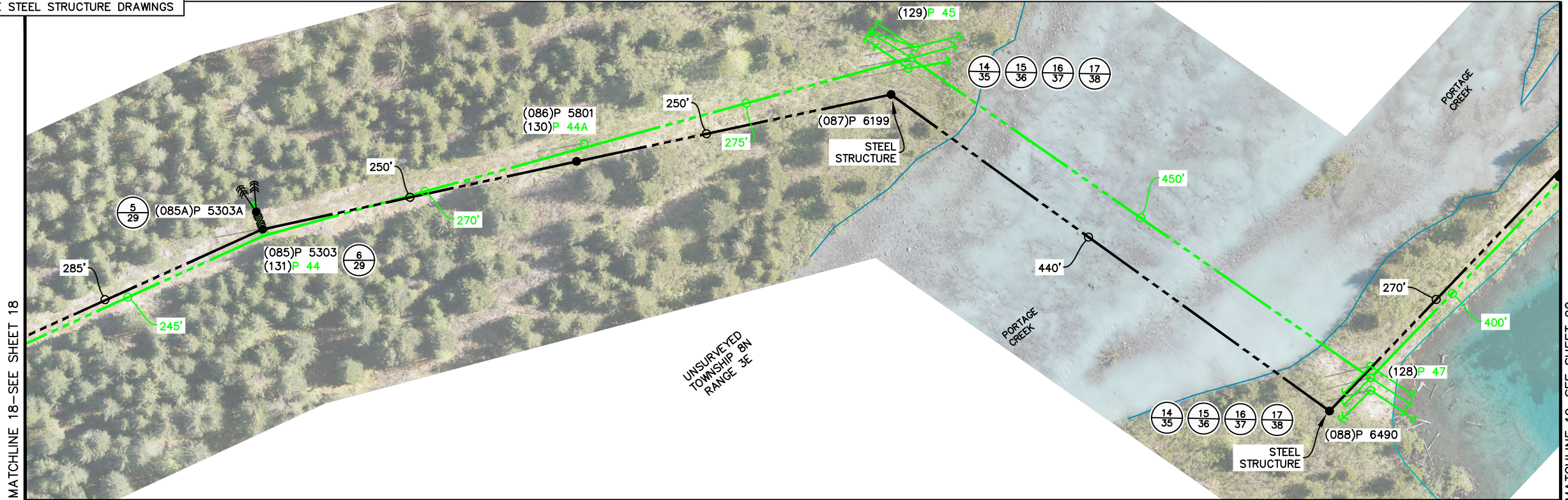
Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

W.O. NO.: **E2214092**
 C.W.P. REF. NO.: **E2214092**

SHEET **18** OF **38**

NOTES:
 -3Ø FEEDER IS 795 ACSR DOUBLE CIRCUIT
 -REFERENCE STEEL STRUCTURE DRAWINGS

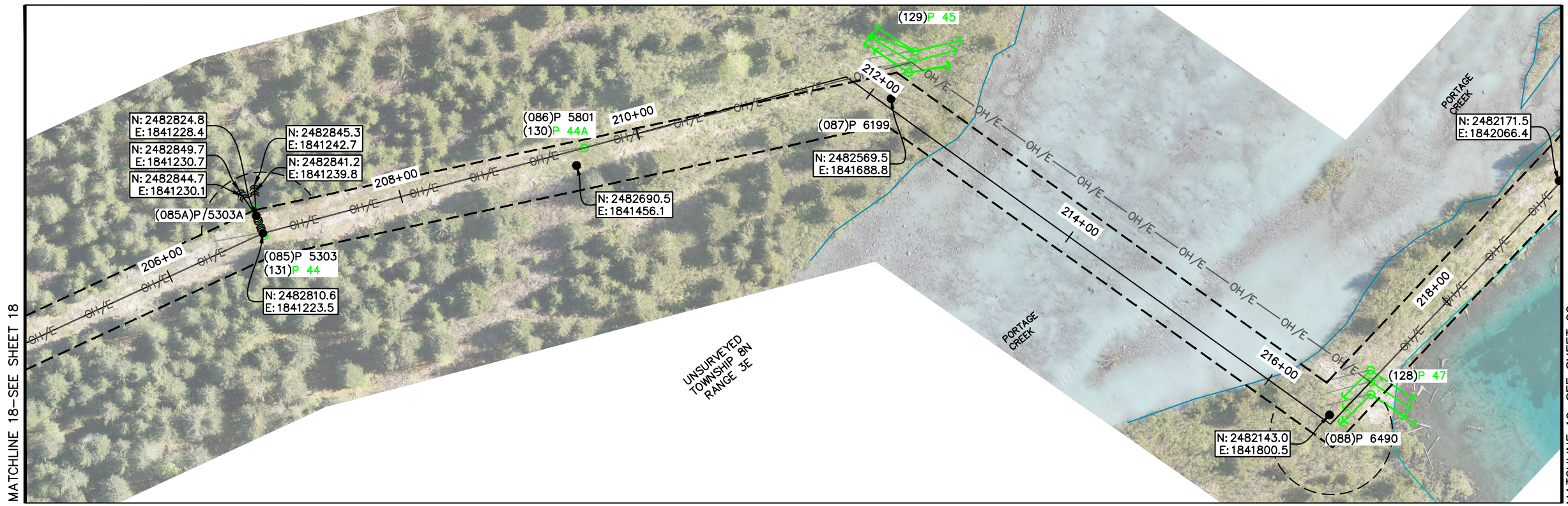


CONDUCTOR DATA

Manuf. _____	Manuf. _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!
 LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALASKA CABLE TV (GIRDWOOD)..... 783-2982
 KULUS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

ELECTRICAL

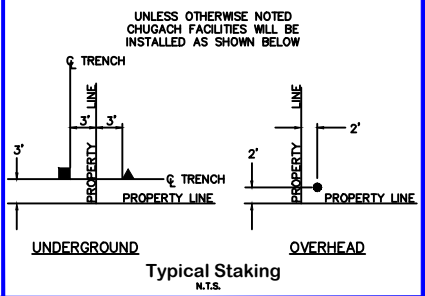


CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



ROW

PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** W.O. #: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUP)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	DT 3/30/26	

ENG. STAMP

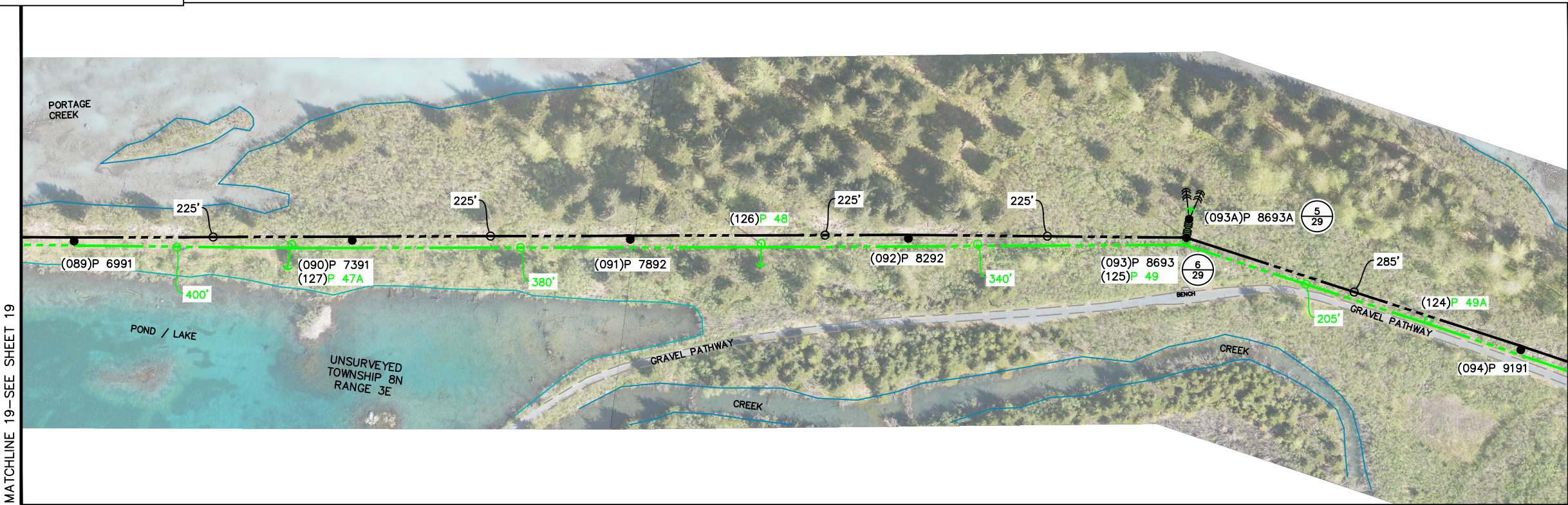
Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

W.O. NO.: **E2214092**
 C.W.P. REF. NO.: **E2214092**

SHEET **19** OF **38**

NOTES:
 -3Ø FEEDER IS 795 ACSR DOUBLE CIRCUIT

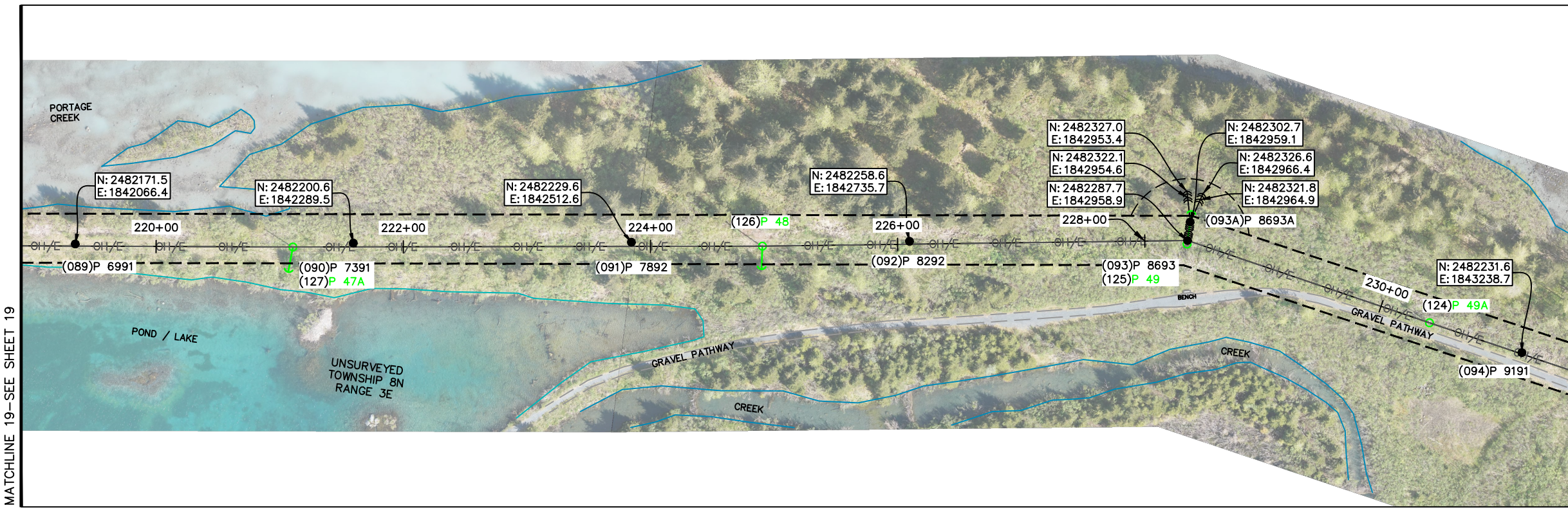


CONDUCTOR DATA			
Manuf. _____	Manuf. Date _____	Manuf. _____	Manuf. Date _____
Volt Rating _____	Volt Rating _____	Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____	Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____	Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____	Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____	Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!

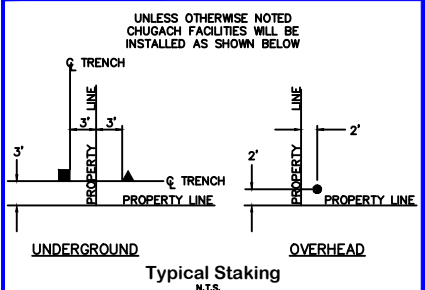
LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC. 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALYESKA CABLE TV (GIRDWOOD)..... 783-2982
 KULUS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

ELECTRICAL



CONSTRUCTION LEGEND			
NEW		EXISTING	
▲	PADMOUNT TRANSFORMER	▲	PEDESTAL
●	POWER POLE	○	STREET LIGHT
■	WARNING POST	□	JUNCTION BOX
—	1Ø U.G. PRI. CONDUCTOR	—	1Ø O.H. CONDUCTOR
—	3Ø U.G. PRI. CONDUCTOR	—	3Ø O.H. CONDUCTOR
—	U.G. SECONDARY CONDUCT.	—	U.G. STREET LIGHT CONDUCT.
—	SPICE POINT	—	SPARE CONDUIT
—	CONDUIT W/ CONDUCTOR	—	SWITCH CABINET

R.O.W. LEGEND	
—	R.O.W. LINE
—	CENTERLINE OF TRENCH



ROW

PROJECT: PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT			
DESIGNER/PROJECT ENGINEER: M. ELLIOTT & E. COOK		W.O. #: E2214092	
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	3/30/26

ENG. STAMP

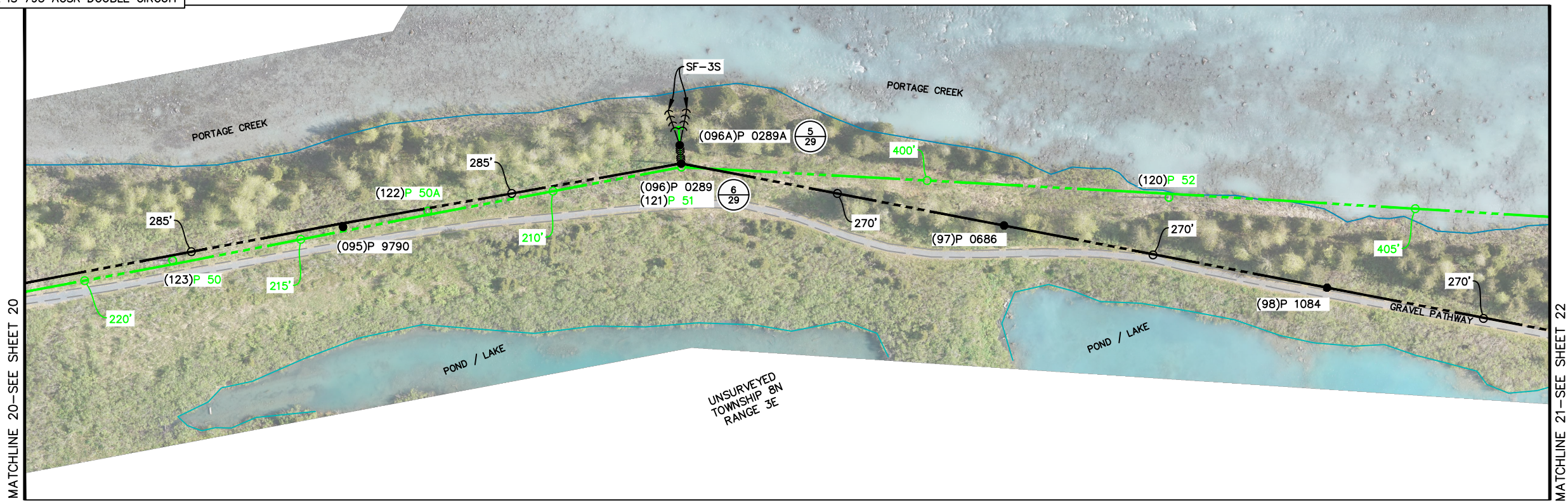
Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

W.O. NO.: **E2214092**

C.W.P. REF. NO.: **SHEET 20 OF 38**

NOTES:
 -3Ø FEEDER IS 795 ACSR DOUBLE CIRCUIT



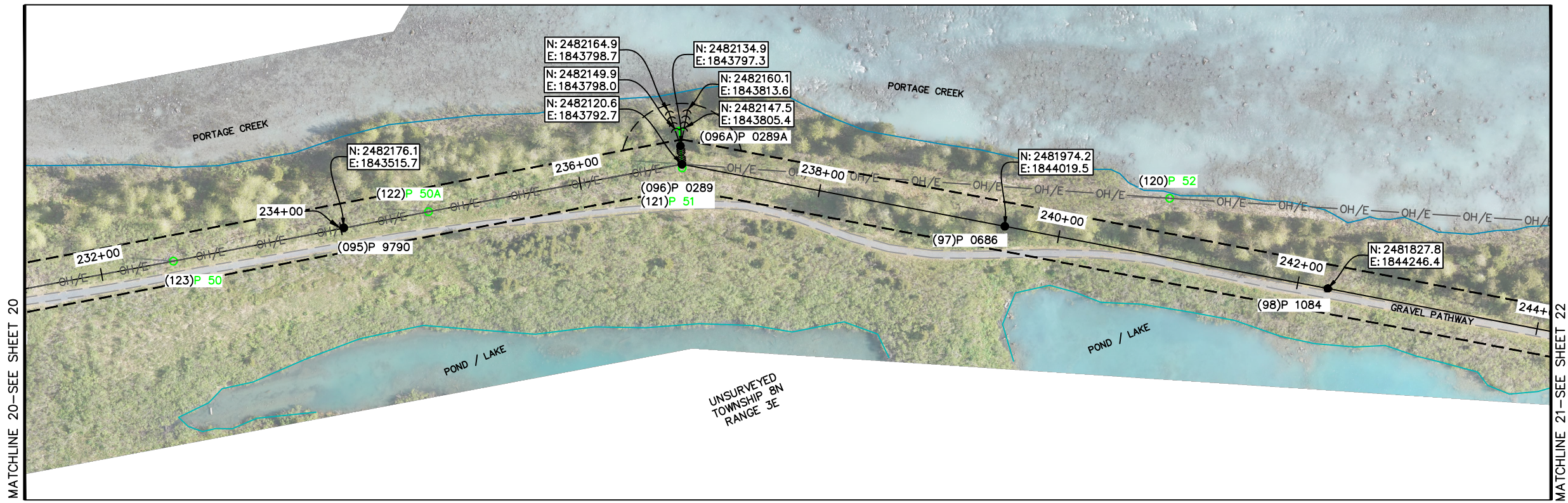
CONDUCTOR DATA

Manuf. _____	Manuf. Date _____	Manuf. _____	Manuf. Date _____
Volt Rating _____	Volt Rating _____	Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____	Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____	Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____	Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____	Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!

LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC. 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALYESKA CABLE TV (GIRDWOOD)..... 783-2982
 KULUS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

ELECTRICAL

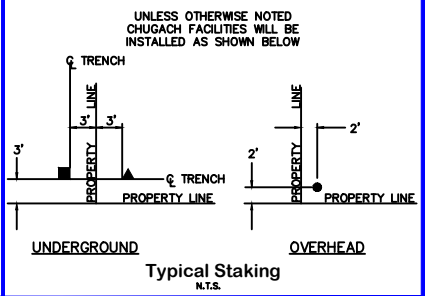


CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



ROW

PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** M.E.C. W.O. #: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUP)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	3/30/26	

ENG. STAMP

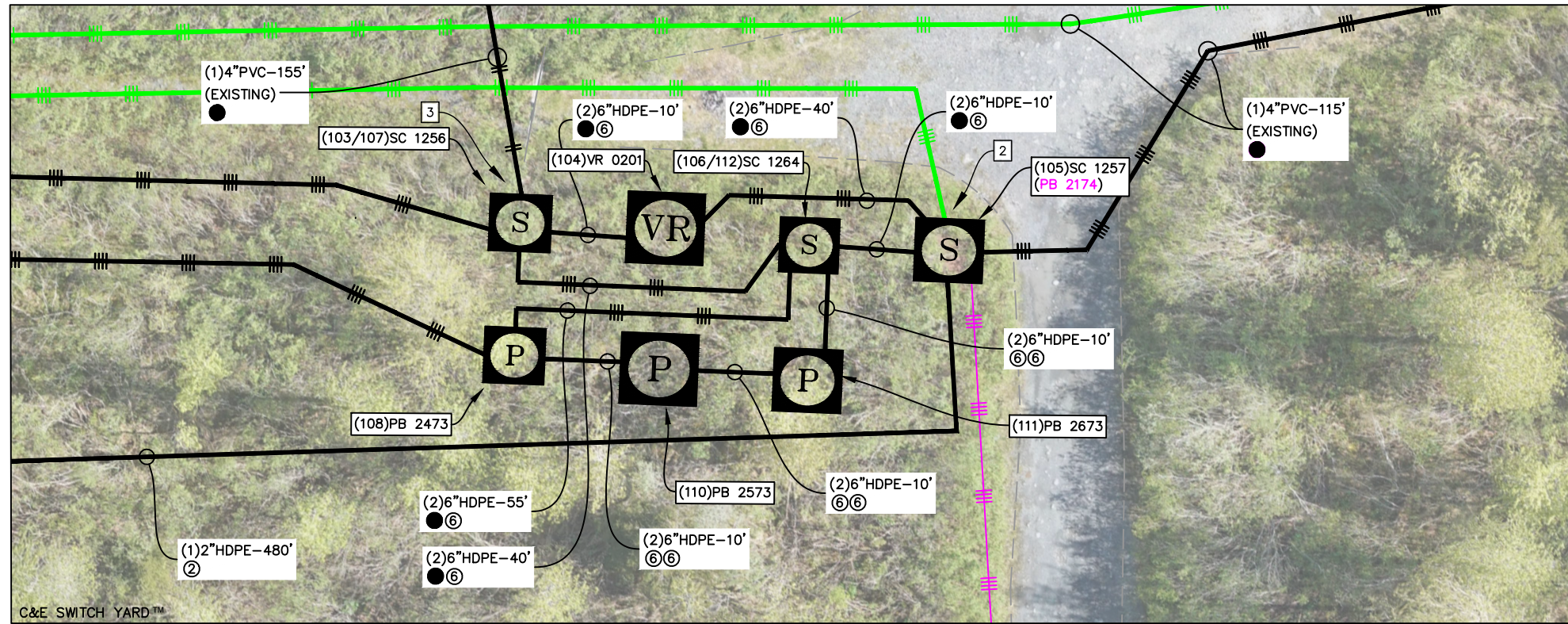
Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

W.O. NO.: **E2214092**
 C.W.P. REF. NO.: **E2214092**

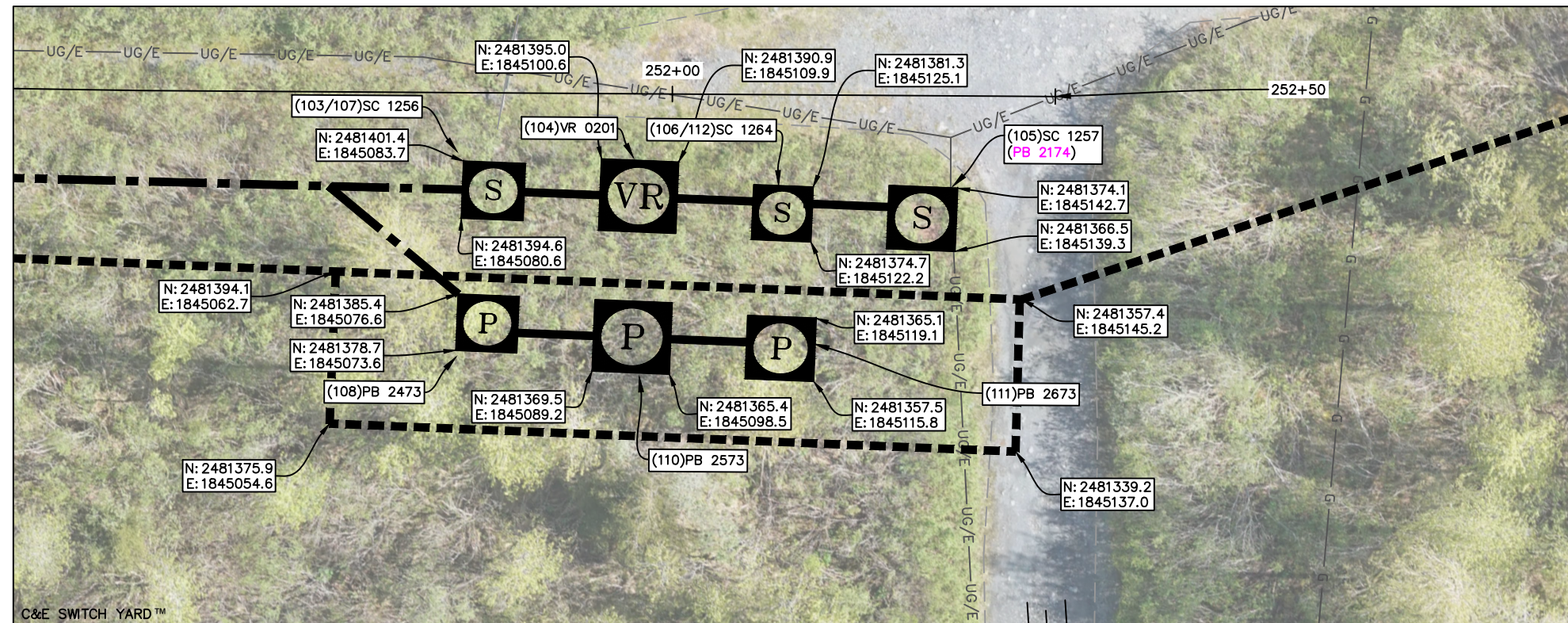
SHEET **21** OF **38**

NOTES:
 -3Ø UG FEEDER IS 350 CONC.
 -3Ø & 1Ø UG DISTRIBUTION IS 1/0 CONC.
 -1Ø SERVICE IS 2/0 RIBB.
 1. INTERCEPT EXISTING (1)2" HDPE ROUTE TO SVC.
 INTERCEPT EXISTING (1)4" PVC ROUTE TO PM 2575.
 2. INTERCEPT EXISTING (1)4" PVC, ROUTE TO SC 1257
 FOR RIVER CROSSING.
 3. INTERCEPT EXISTING (1)4" PVC, ROUTE TO SC 1256
 FOR ENSTAR LOAD CENTER.



C&E SWITCH YARD™

ELECTRICAL



C&E SWITCH YARD™

ROW



THIS SHEET Vicinity Map N.T.S.

CONDUCTOR DATA

Manuf.	Manuf. Date	Volt Rating	Insul. Type	Insul. Size	Cond. Size/Type	Quantity in Feet

CALL BEFORE YOU DIG!

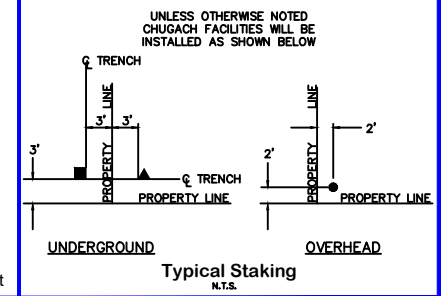
LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALYASKA CABLE TV (GIRDWOOD)..... 783-2982
 KULUS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



14 C&E SWITCH YARD
 22A DETAIL

PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** M&E CC W.O. #: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	3/30/26	

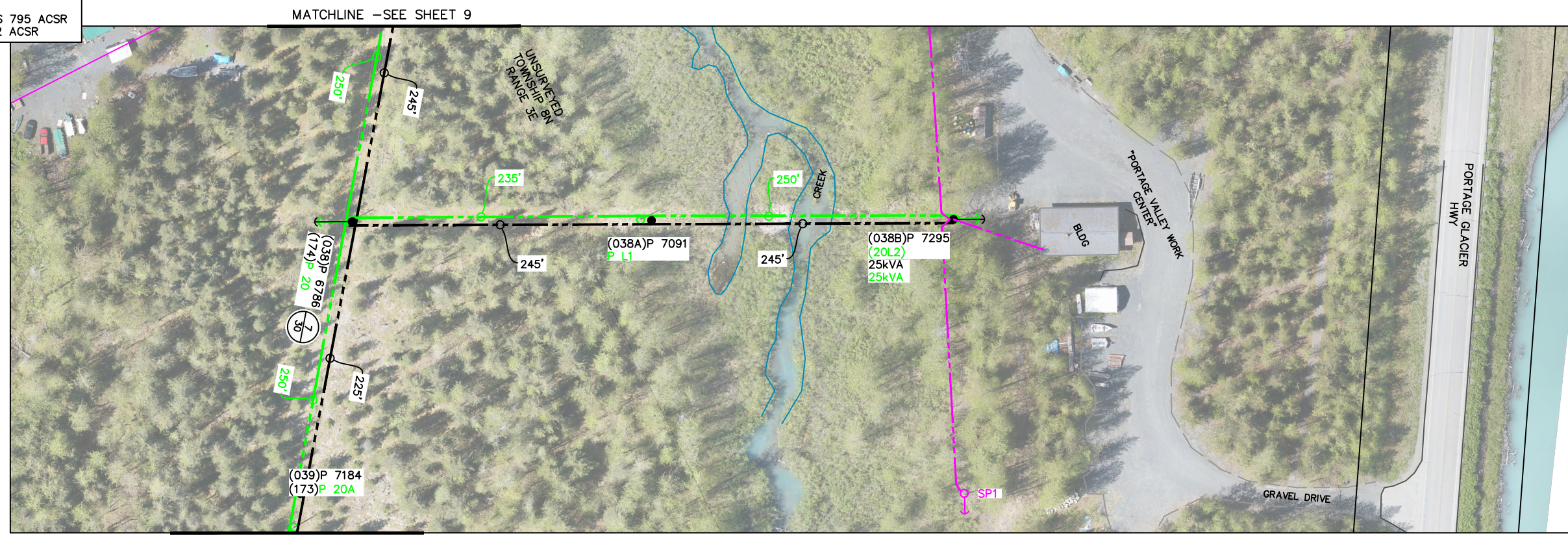
ENG. STAMP

Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

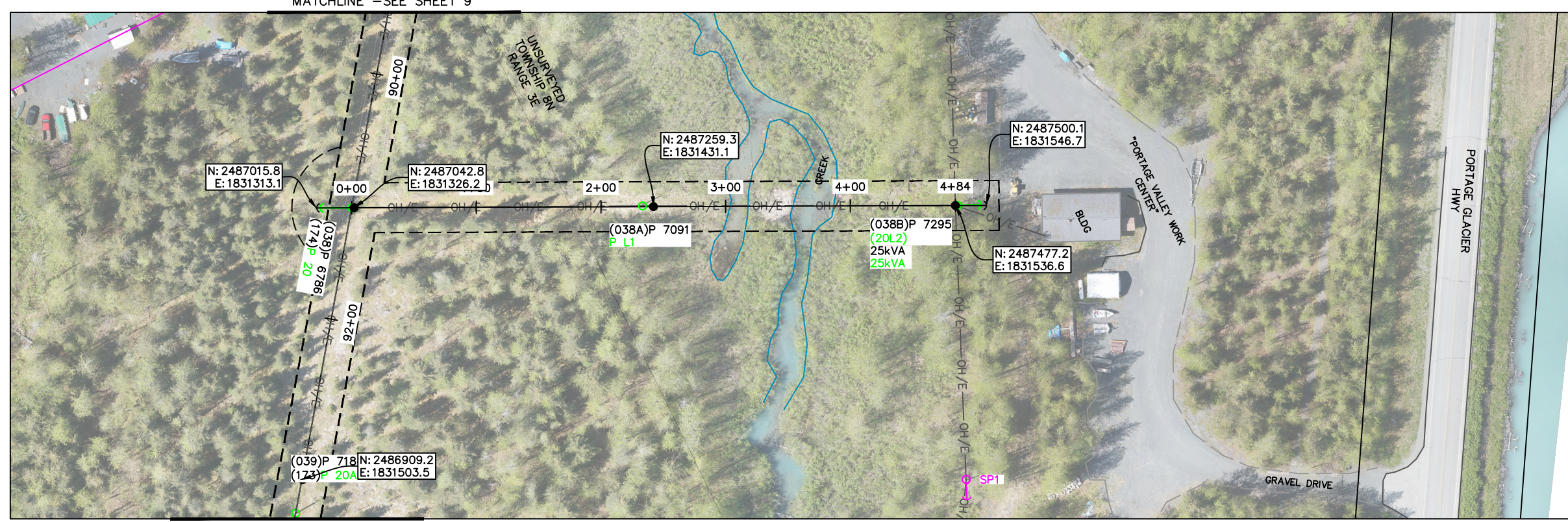
W.O. NO.: **E2214092**
 C.W.P. REF. NO.: **22A OF 38**

NOTES:
 -3Ø FEEDER IS 795 ACSR
 -1Ø TAP IS #2 ACSR



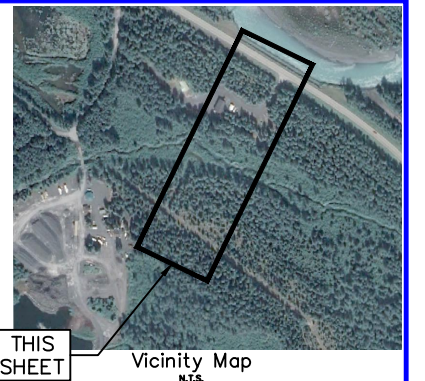
MATCHLINE-SEE SHEET 9

ELECTRICAL



MATCHLINE-SEE SHEET 9

ROW



CONDUCTOR DATA

Manuf. _____	Manuf. _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!

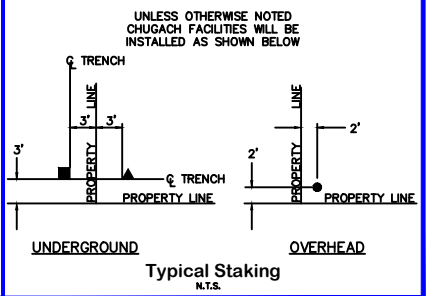
LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALASKA CABLE TV (GIRDWOOD)..... 783-2982
 KULUS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** W.O. #: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	3/30/26	

ENG. STAMP

Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

W.O. NO.: **E2214092**
 C.W.P. REF. NO.: **E2214092**

SHEET **23** OF **38**



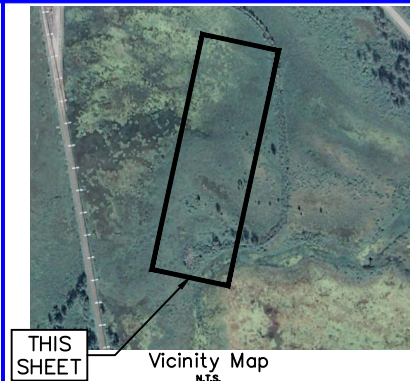
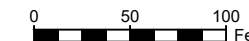
ELECTRICAL

MATCHLINE -SEE SHEET 2



ROW

MATCHLINE -SEE SHEET 2



THIS SHEET Vicinity Map N.T.S.

CONDUCTOR DATA

Manuf. _____	Manuf. _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!

LOCATE CALL CENTER OF ALASKA (LCCA)

ANCHORAGE AREA..... 278-3121

STATEWIDE..... 800-478-3121

AT&T ALASCOM INC..... 264-8465

ALASKA RAILROAD UTILITIES..... 265-2457

ALYASKA CABLE TV (GIRDWOOD)..... 783-2982

KULUS AIR BASE..... 249-1499

MILITARY PETROLEUM FUEL LINES..... 552-2334
OR 552-5342

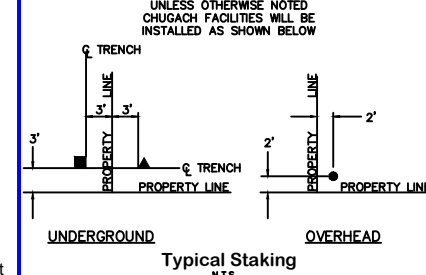
STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** *M&E CC* W.O. #: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	<i>[Signature]</i> 3/30/26	

ENG. STAMP

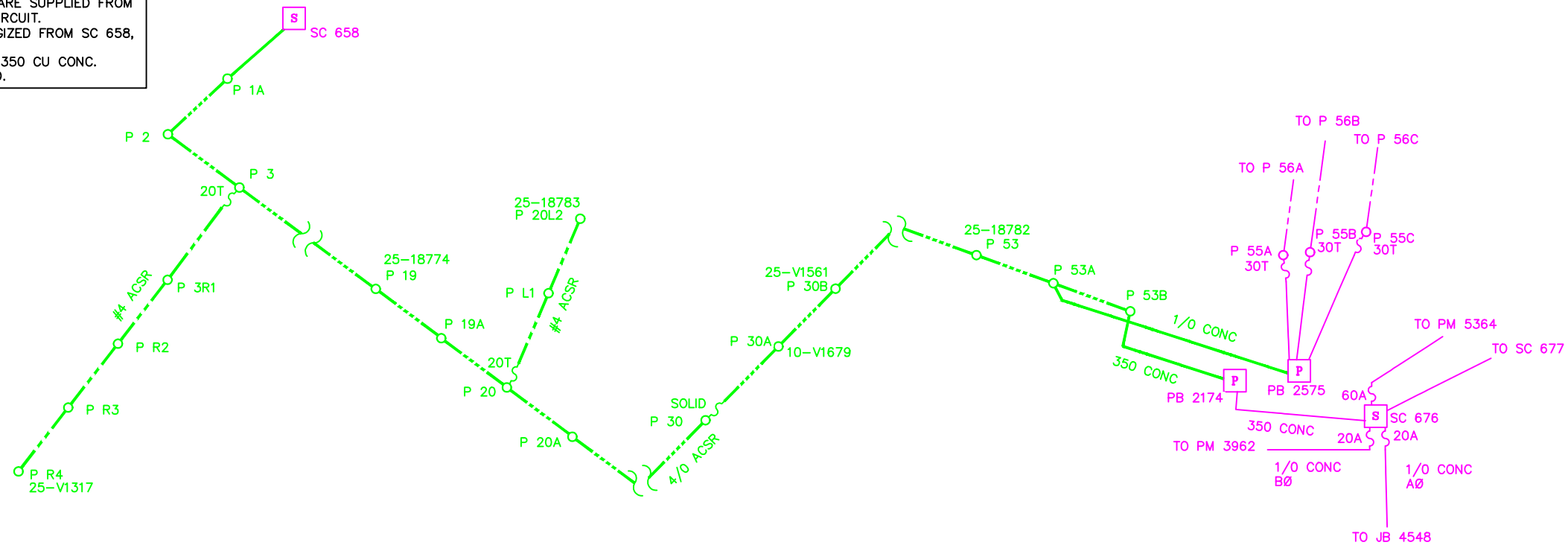
Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
GRIDS: P004 - P013 MAPS: VARIOUS
FEEDER: PORTAGE 322**

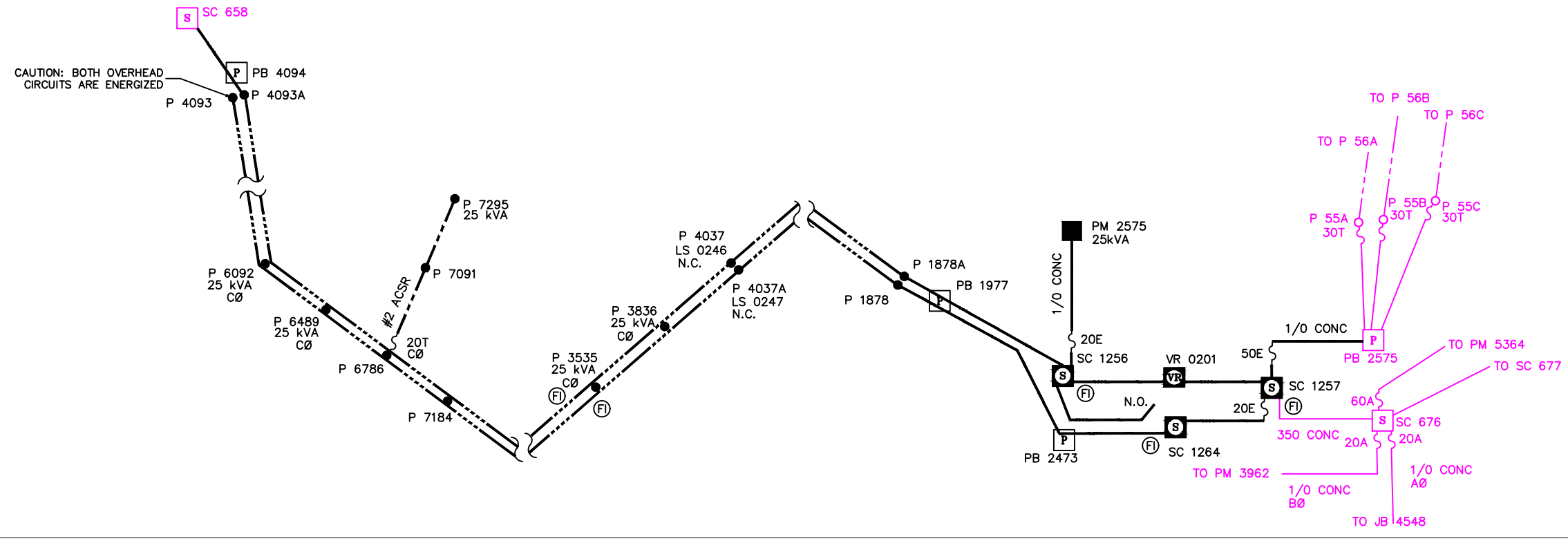
W.O. NO.: **E2214092**

C.W.P. REF. NO.: **SHEET 24 OF 38**

NOTES:
 - 3Ø FEEDER IS DOUBLE CIRCUIT .795 ACSR CONSTRUCTION.
 - ALL LOAD SERVING TAPS ARE SUPPLIED FROM SOUTHERN/WESTERN MOST CIRCUIT.
 - BOTH CIRCUITS ARE ENERGIZED FROM SC 658, THRU SC 1257 & 1264.
 - ALL 3Ø UNDERGROUND IS 350 CU CONC. UNLESS OTHERWISE SPECIFIED.



EXISTING PCD



NEW PCD

Vicinity Map
N.T.S.

CONDUCTOR DATA

Manuf. _____	Manuf. _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!

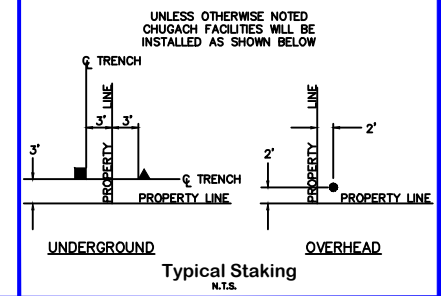
LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALASKA CABLE TV (GIRDWOOD)..... 783-2982
 KULUS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

--- R.O.W. LINE
 - - - CENTERLINE OF TRENCH



PROJECT: PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT				
DESIGNER/PROJECT ENGINEER: M. ELLIOTT & E. COOK		W.O. #: E2214092		
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUP)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	DT 3/30/26	

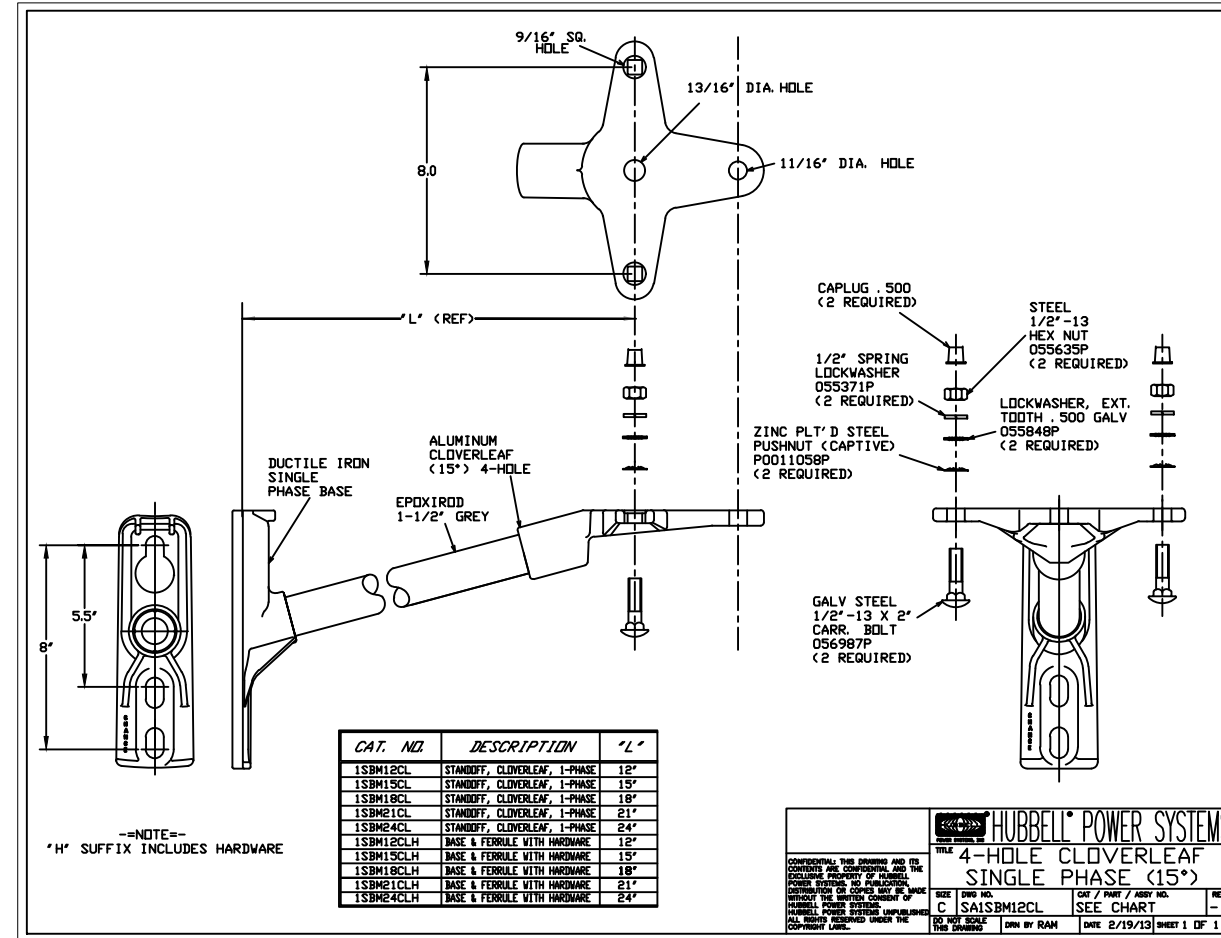
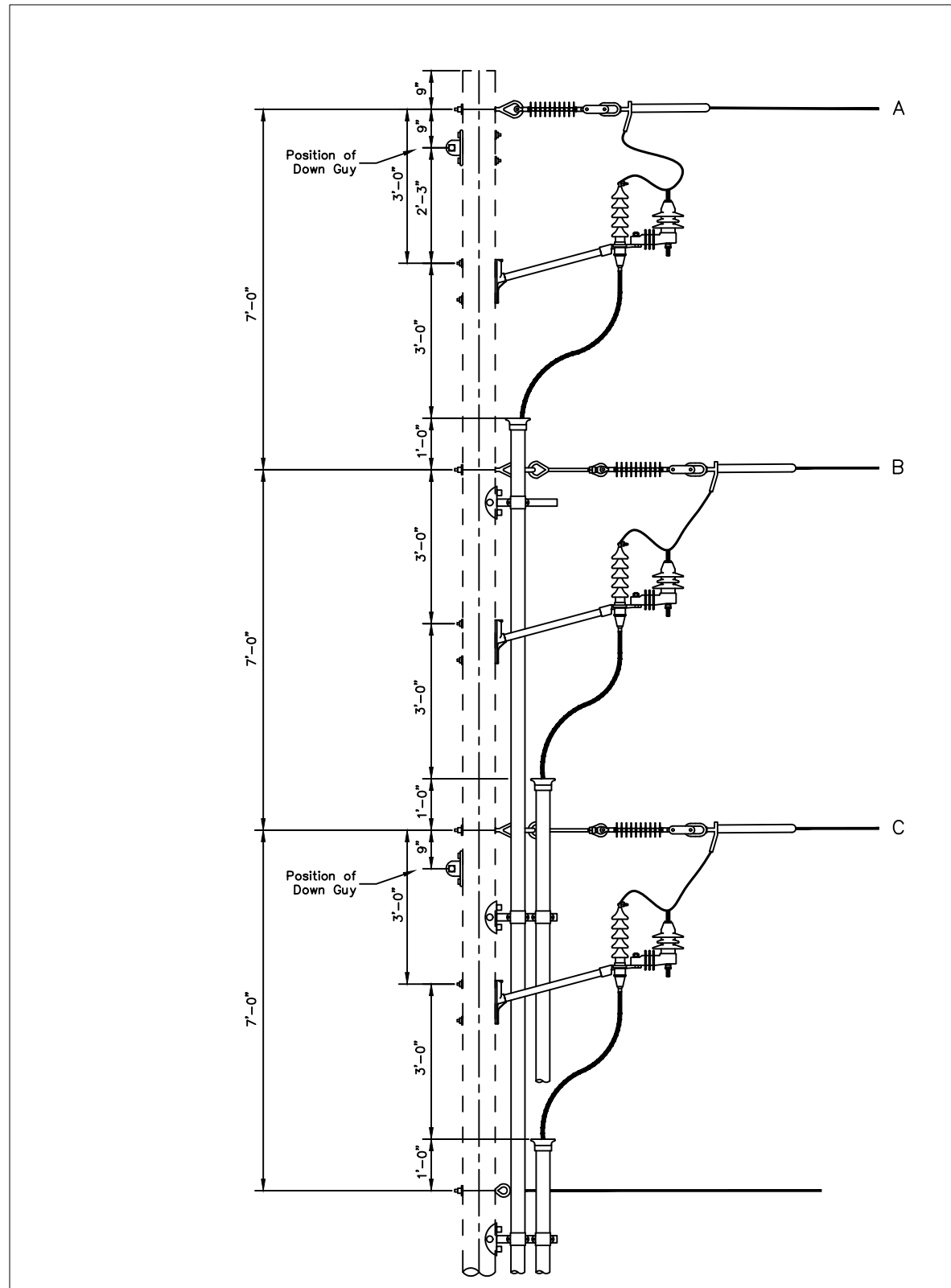
ENG. STAMP

Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

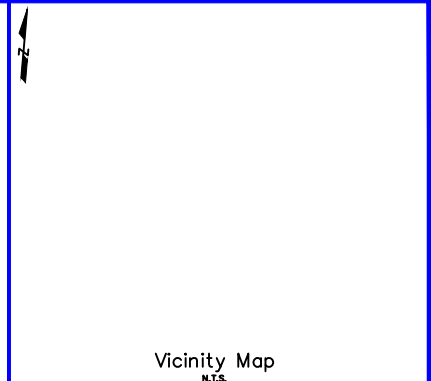
DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

W.O. NO.: **E2214092**
 C.W.P. REF. NO.: **E2214092**

SHEET **25** OF **38**



TERMINATION-ARRESTOR SUPPORT DETAIL



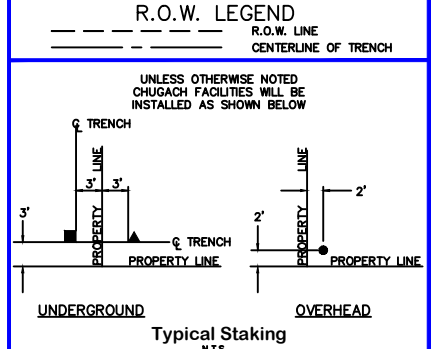
Vicinity Map
N.T.S.

CONDUCTOR DATA	
Manuf. _____	Manuf. Date _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity In Feet _____	Quantity In Feet _____

CALL BEFORE YOU DIG!
 LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
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 KULUS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

NEW	EXISTING



2 SZDC-C5 & SVUC3L
 27 FRAMING DETAIL
 VERTICAL DEADEND & RISER

ENG. STAMP



Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

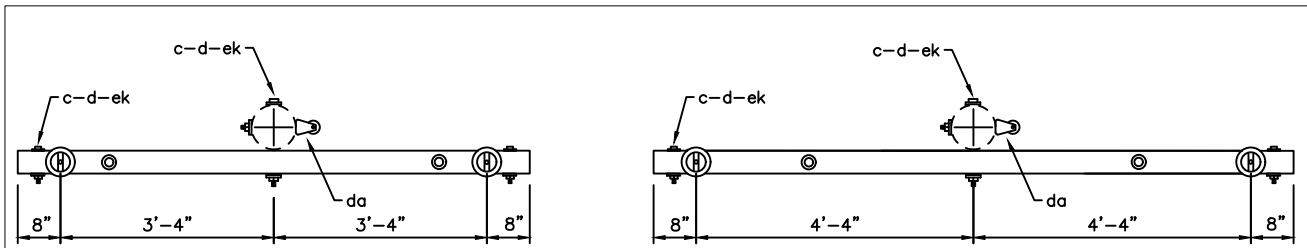
DRAWING NAME:
**PTSS 322 FEEDER RECONDUCTOR
 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: P004 - P013 MAPS: VARIOUS
 FEEDER: PORTAGE 322**

W.O. NO.: E2214092
 C.W.P. REF. NO.: SHEET 27 OF 38

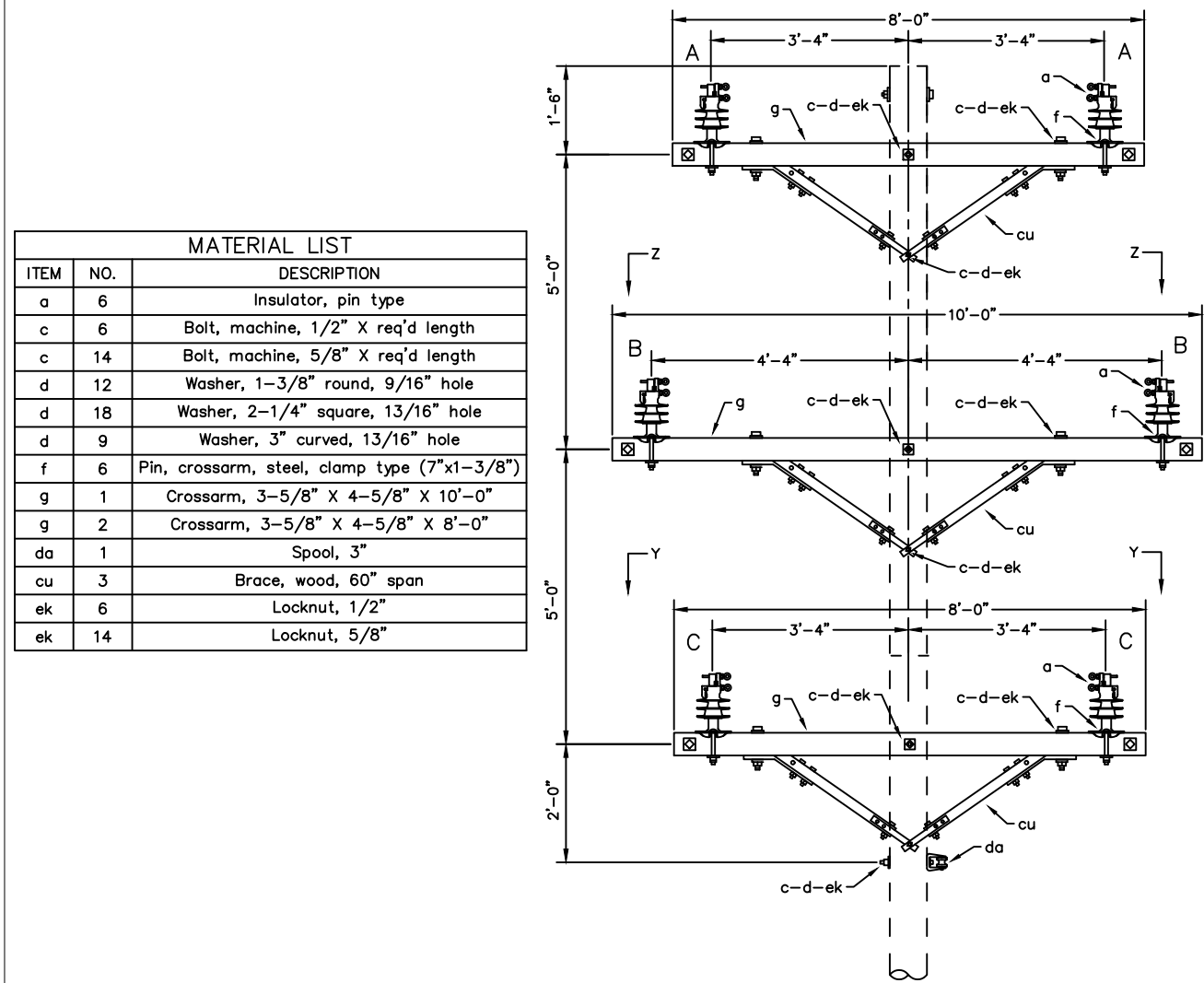
PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** W.O. #: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	3/30/26	

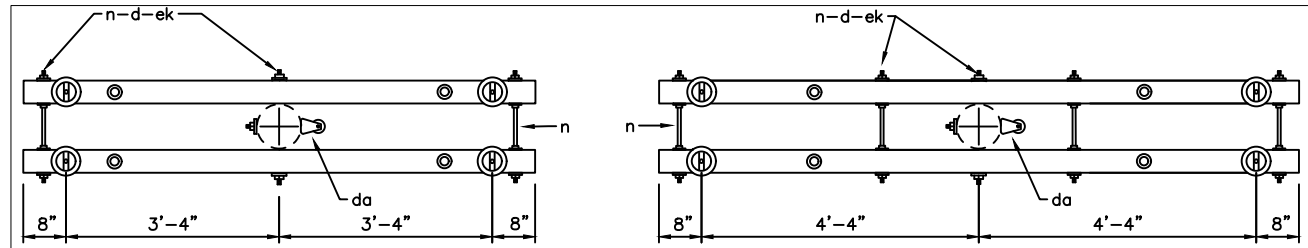


SECTION Y-Y SECTION Z-Z

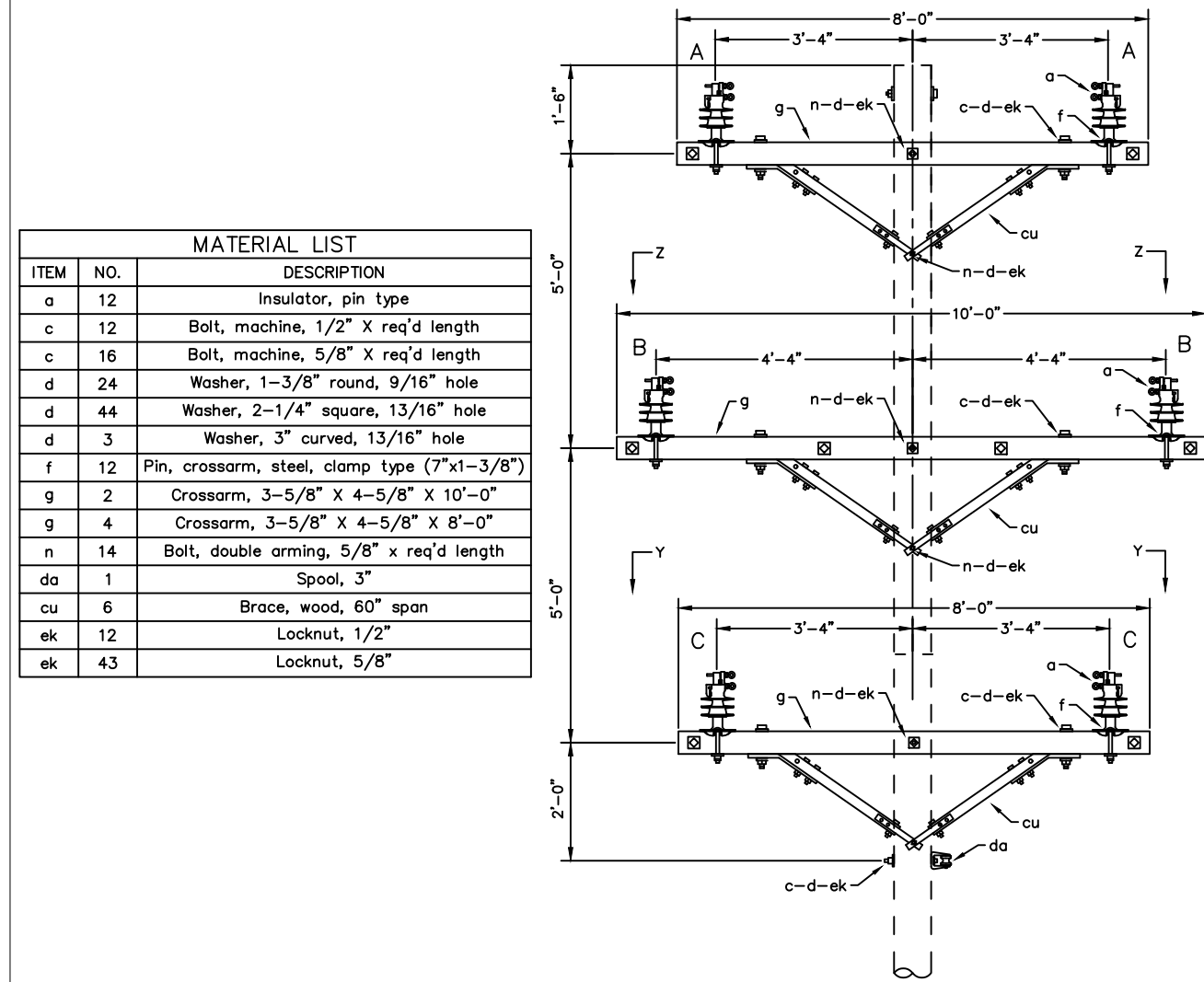


MATERIAL LIST		
ITEM	NO.	DESCRIPTION
a	6	Insulator, pin type
c	6	Bolt, machine, 1/2" X req'd length
c	14	Bolt, machine, 5/8" X req'd length
d	12	Washer, 1-3/8" round, 9/16" hole
d	18	Washer, 2-1/4" square, 13/16" hole
d	9	Washer, 3" curved, 13/16" hole
f	6	Pin, crossarm, steel, clamp type (7"x1-3/8")
g	1	Crossarm, 3-5/8" X 4-5/8" X 10'-0"
g	2	Crossarm, 3-5/8" X 4-5/8" X 8'-0"
da	1	Spool, 3"
cu	3	Brace, wood, 60" span
ek	6	Locknut, 1/2"
ek	14	Locknut, 5/8"

3/28 SZDC-C1
FRAMING DETAIL
SINGLE PRIMARY SUPPORT



SECTION Y-Y SECTION Z-Z



MATERIAL LIST		
ITEM	NO.	DESCRIPTION
a	12	Insulator, pin type
c	12	Bolt, machine, 1/2" X req'd length
c	16	Bolt, machine, 5/8" X req'd length
d	24	Washer, 1-3/8" round, 9/16" hole
d	44	Washer, 2-1/4" square, 13/16" hole
d	3	Washer, 3" curved, 13/16" hole
f	12	Pin, crossarm, steel, clamp type (7"x1-3/8")
g	2	Crossarm, 3-5/8" X 4-5/8" X 10'-0"
g	4	Crossarm, 3-5/8" X 4-5/8" X 8'-0"
n	14	Bolt, double arming, 5/8" x req'd length
da	1	Spool, 3"
cu	6	Brace, wood, 60" span
ek	12	Locknut, 1/2"
ek	43	Locknut, 5/8"

4/28 SZDC-C2
FRAMING DETAIL
DOUBLE PRIMARY SUPPORT

Vicinity Map
N.T.S.

CONDUCTOR DATA

Manuf. _____	Manuf. Date _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!

LOCATE CALL CENTER OF ALASKA (LCCA)

ANCHORAGE AREA.....	278-3121
STATEWIDE.....	800-478-3121
AT&T ALASCOM INC.....	264-8465
ALASKA RAILROAD UTILITIES.....	265-2457
ALYESKA CABLE TV (GIRDWOOD).....	783-2982
KULIS AIR BASE.....	249-1499
MILITARY PETROLEUM FUEL LINES.....	552-2334
	OR 552-5342
STATE STORM DRAINS & STREET LIGHTS.....	333-2411

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

--- R.O.W. LINE
--- CENTERLINE OF TRENCH

UNLESS OTHERWISE NOTED
CHUGACH FACILITIES WILL BE
INSTALLED AS SHOWN BELOW

Typical Staking
N.T.S.

PROJECT: PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT			
DESIGNER/PROJECT ENGINEER: M. ELLIOTT & E. COOK		W.O. #: E2214092	
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	3/30/26

ENG. STAMP

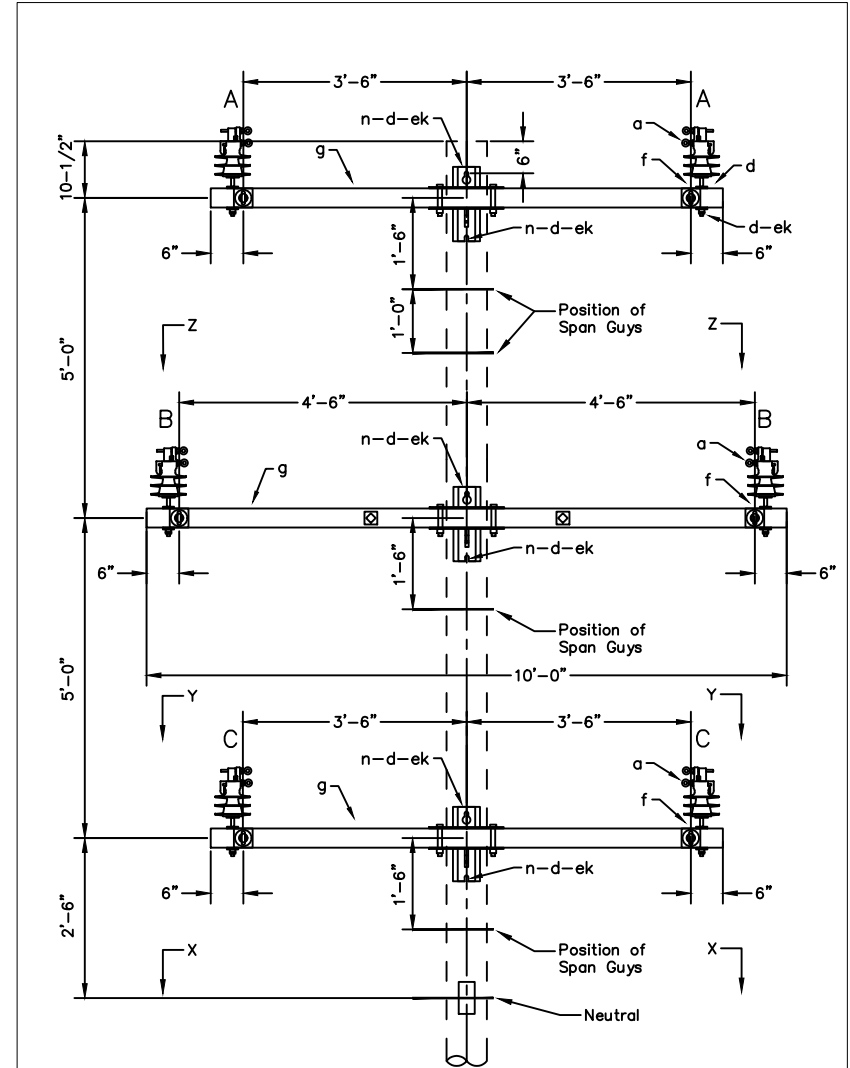
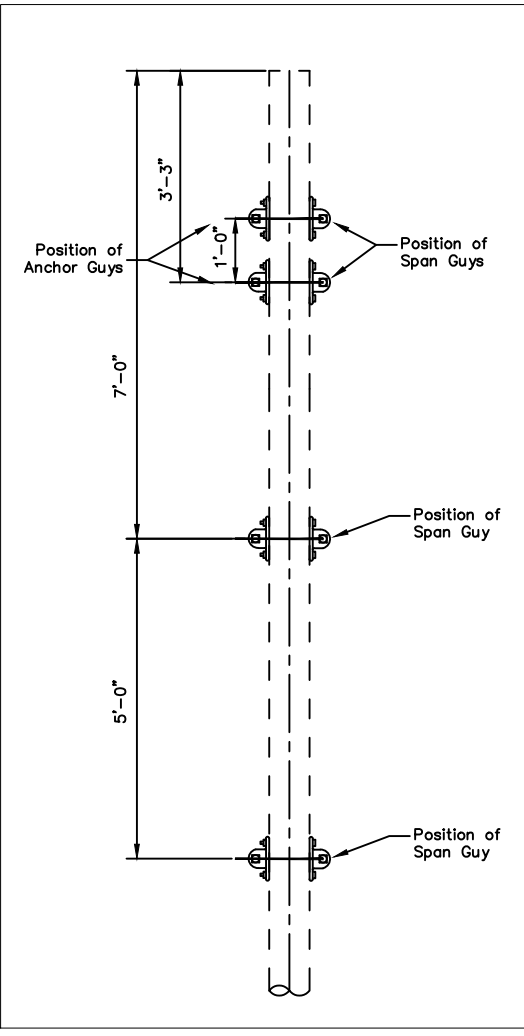
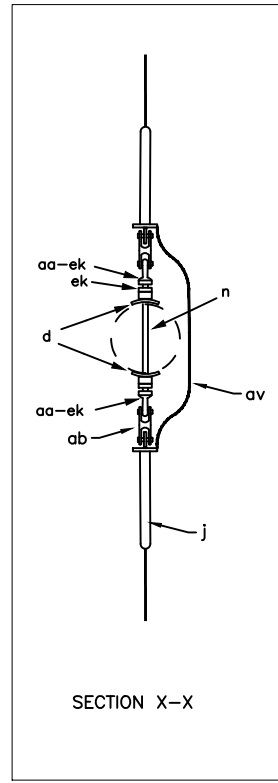
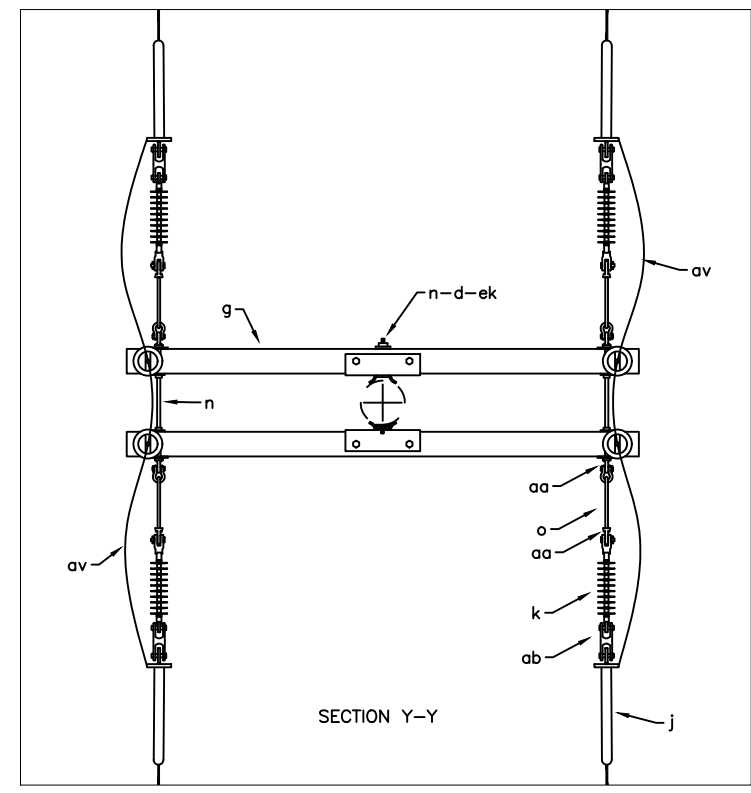
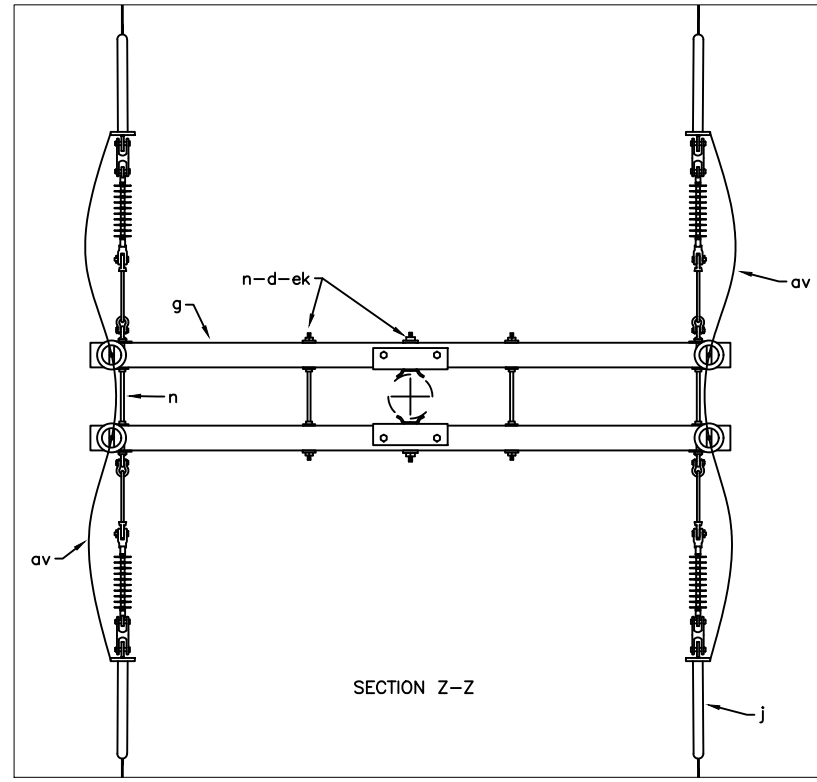
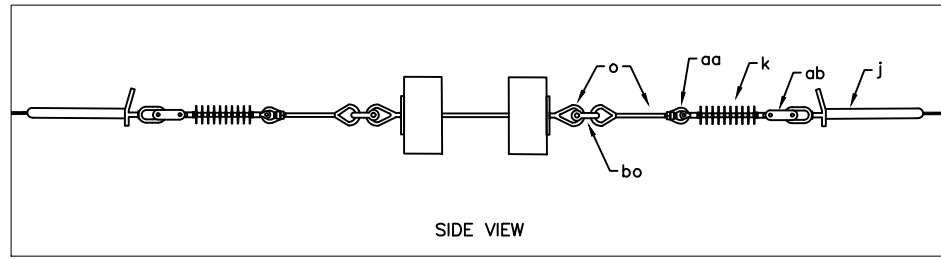
Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
GRIDS: P004 - P013 MAPS: VARIOUS
FEEDER: PORTAGE 322**

W.O. NO.: _____
C.W.P. REF. NO.: _____

E2214092

SHEET **28** OF **38**



MATERIAL LIST - SZDC-C8

ITEM	NO.	DESCRIPTION
a	12	Insulator, pin type
d	68	Washer, 2-1/4" square, 13/16" hole
d	2	Washer, 3" curved, 13/16" hole
f	12	Pin, crossarm (7"x1-3/8")
g	2	Crossarm, PUP1 fiberglass 10'-0"
g	4	Crossarm, PUP1 fiberglass 8'-0"
j	14	Deadend, comp, body
k	12	Deadend insulator epox 25kv
n	15	Bolt, double arming, 3/4" x req'd length
o	12	Bolt, eye, 5/8" X req'd length
aa	26	Nut, eye, 3/4"
ab	14	Clevis-clevis
av	-	Jumper, 795 AAC, as required
ek	46	Locknut, 3/4"

5
29
SE2-6
FRAMING DETAIL
SPAN GUY

6
29
SZDC-C8
FRAMING DETAIL
DOUBLE DEADEND

Vicinity Map
N.T.S.

CONDUCTOR DATA

Manuf.	Manuf. Date	Manuf.	Manuf. Date
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

CALL BEFORE YOU DIG!

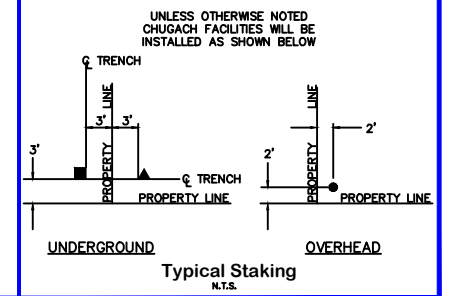
LOCATE CALL CENTER OF ALASKA (LCCA)
ANCHORAGE AREA..... 278-3121
STATEWIDE..... 800-478-3121
AT&T ALASCOM INC. 264-8465
ALASKA RAILROAD UTILITIES..... 265-2457
ALASKA CABLE TV (GIRDWOOD)..... 783-2982
KULIS AIR BASE..... 249-1499
MILITARY PETROLEUM FUEL LINES..... 552-2334
OR 552-5342
STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

--- R.O.W. LINE
--- CENTERLINE OF TRENCH



PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** *ME&CC* W.O. #: **E2214092**

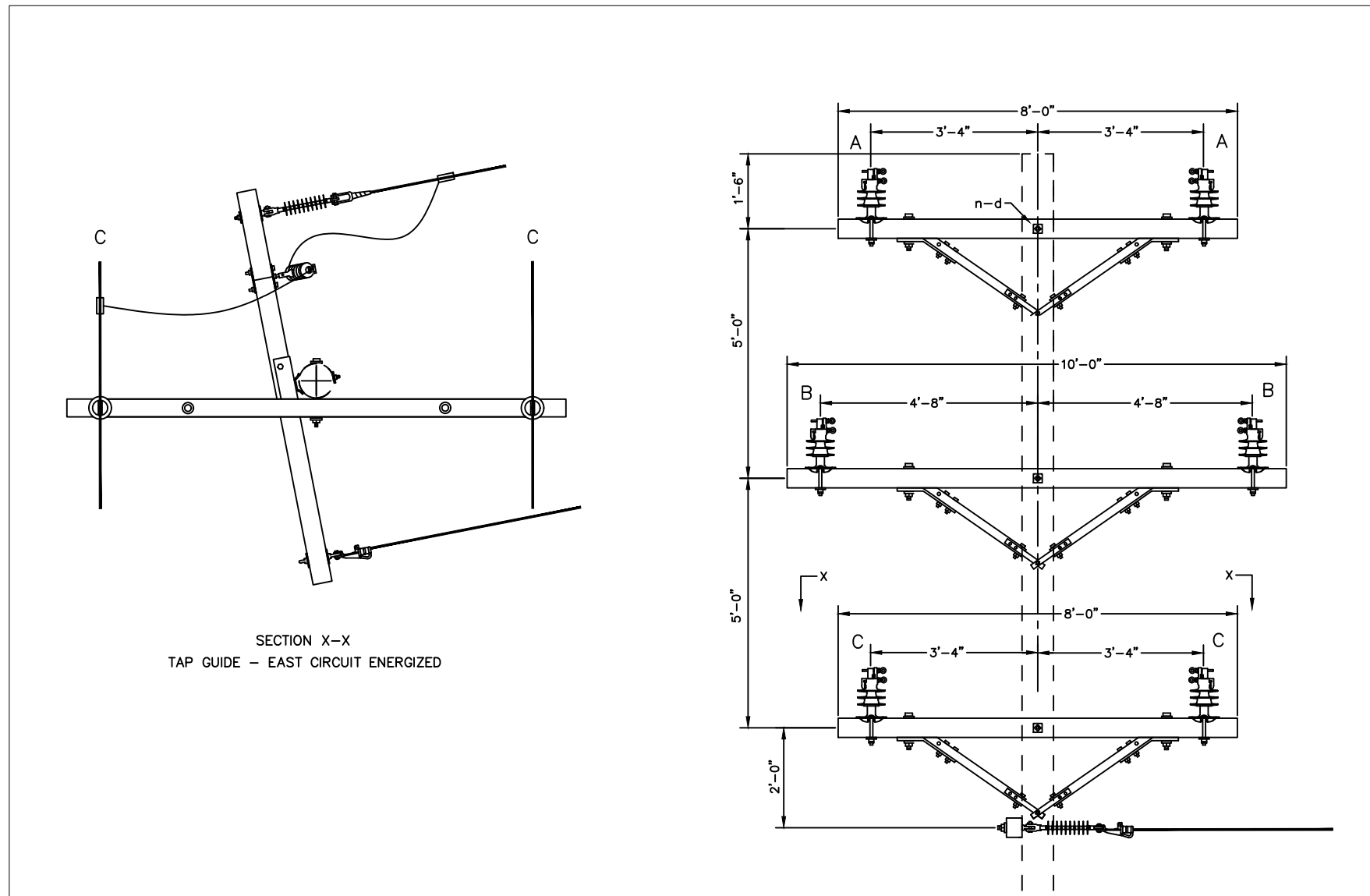
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	<i>[Signature]</i> 3/30/26	

ENG. STAMP

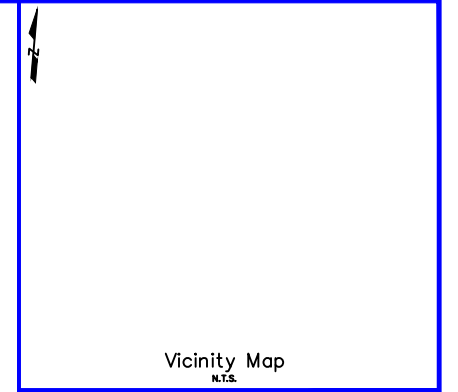
Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
GRIDS: P004 - P013 MAPS: VARIOUS
FEEDER: PORTAGE 322**

W.O. NO.: **E2214092**
C.W.P. REF. NO.: **SHEET 29 OF 38**



7
30 **POLE 6786**
FRAMING DETAIL
10 TAP



CONDUCTOR DATA

Manuf. _____	Manuf. _____
Manuf. Date _____	Manuf. Date _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____

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STATEWIDE..... 800-478-3121

AT&T ALASCOM INC..... 264-8465

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ALASKA CABLE TV (GIRDWOOD)..... 783-2982

KULUS AIR BASE..... 249-1499

MILITARY PETROLEUM FUEL LINES..... 552-2334
OR 552-5342

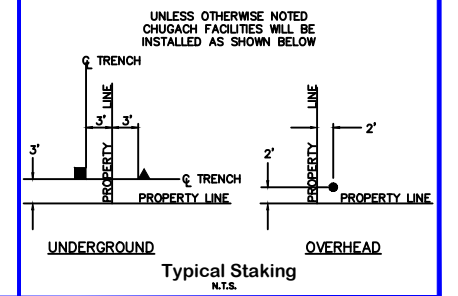
STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 30 O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** *ME&E* W.O. #: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/26/26	<i>[Signature]</i> 3/30/26	

ENG. STAMP

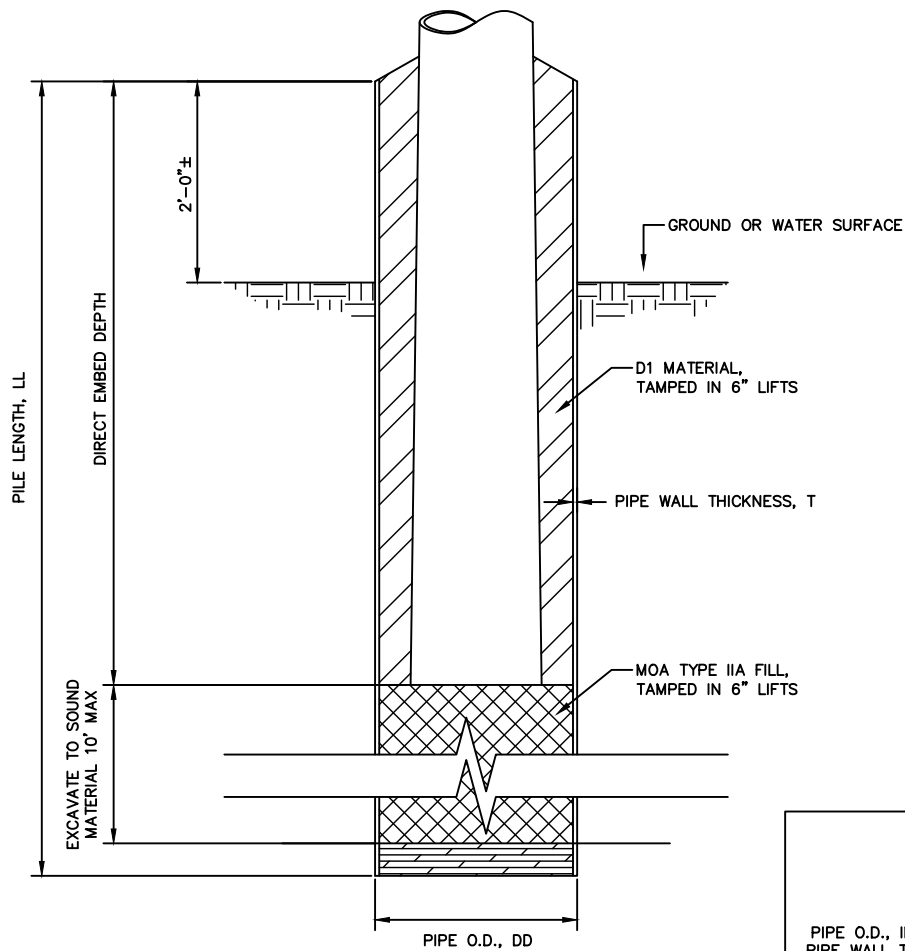
Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
30 O.H. PRIMARY SYSTEM IMPROVEMENT
GRIDS: P004 - P013 MAPS: VARIOUS
FEEDER: PORTAGE 322**

W.O. NO.: **E2214092**

C.W.P. REF. NO.: **E2214092**

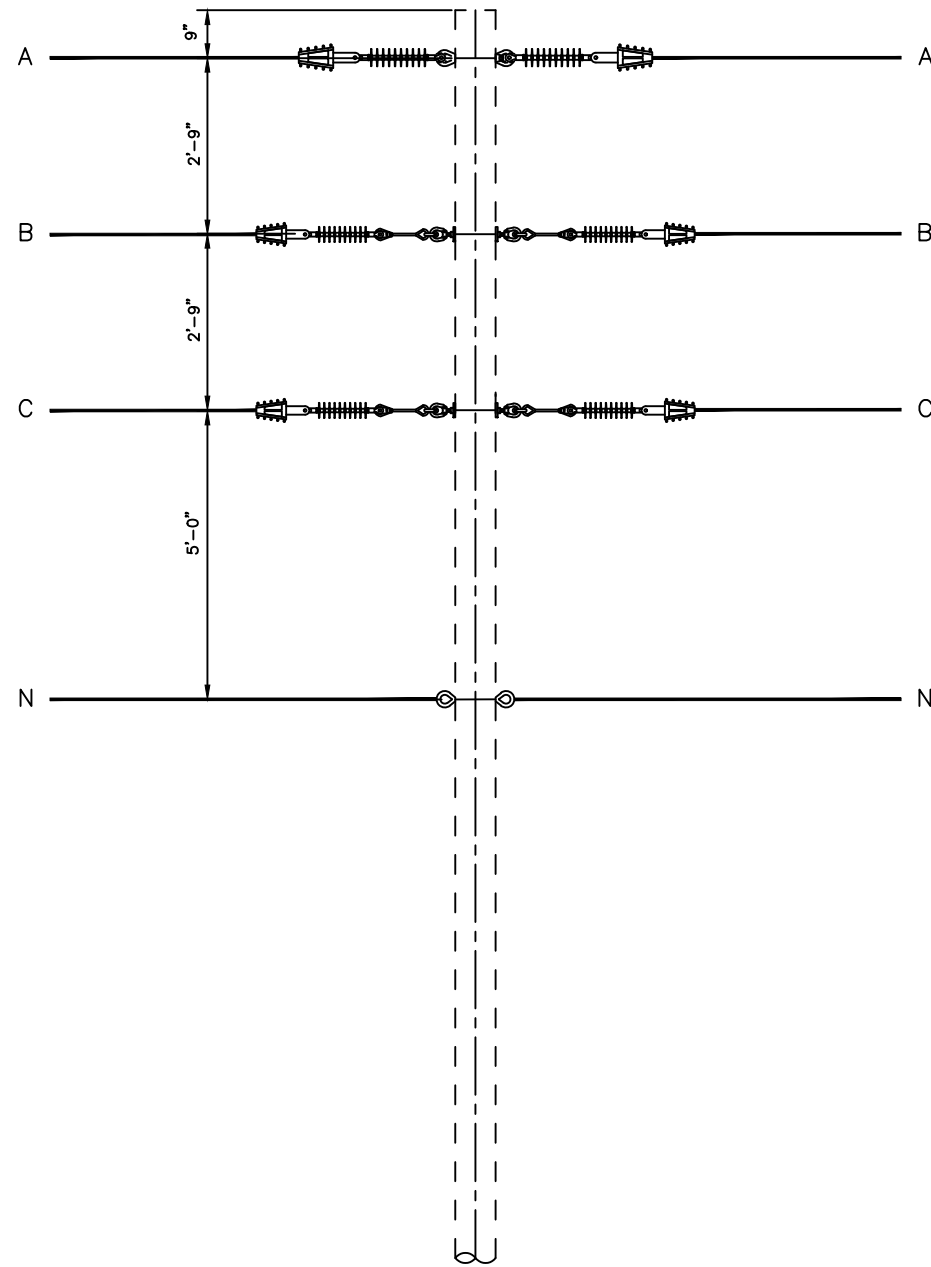
SHEET **30** OF **38**



PEDDXT-LL
DRIVEN PIPE PILE FOUNDATION
W/ DIRECT EMBED POLE

8
31 **PE36X6-30**
PILE DRIVEN FOUNDATION

NOMENCLATURE:
PEDDXT-LL
PIPE O.D., INCHES
PIPE WALL THICKNESS
1/8" INCHES
PILE LENGTH, FT
EXAMPLE: PE30X5-30 IS A 30"
O.D. X .625" WALL AND 30' LONG



9
31 **LINE SWITCH**
FRAMING DETAIL



Vicinity Map
N.T.S.

CONDUCTOR DATA

Manuf. _____	Manuf. Date _____	Manuf. _____	Manuf. Date _____
Volt Rating _____	Volt Rating _____	Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____	Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____	Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____	Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____	Quantity in Feet _____	Quantity in Feet _____

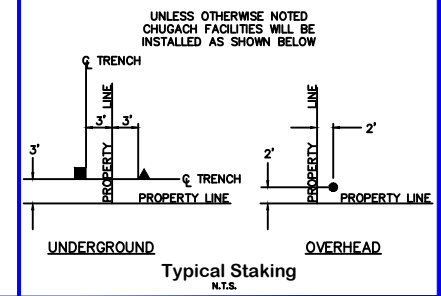
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MILITARY PETROLEUM FUEL LINES..... 552-2334
OR 552-5342
STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



PROJECT: PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT			
DESIGNER/PROJECT ENGINEER: M. ELLIOTT & E. COOK		W.O. #: E2214092	
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE
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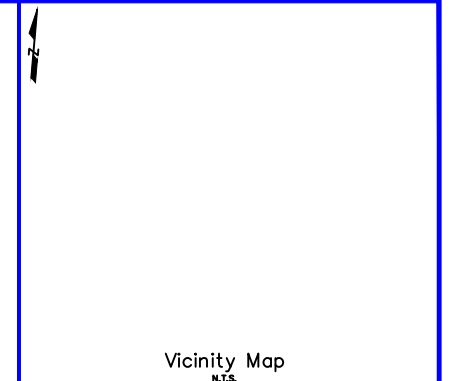
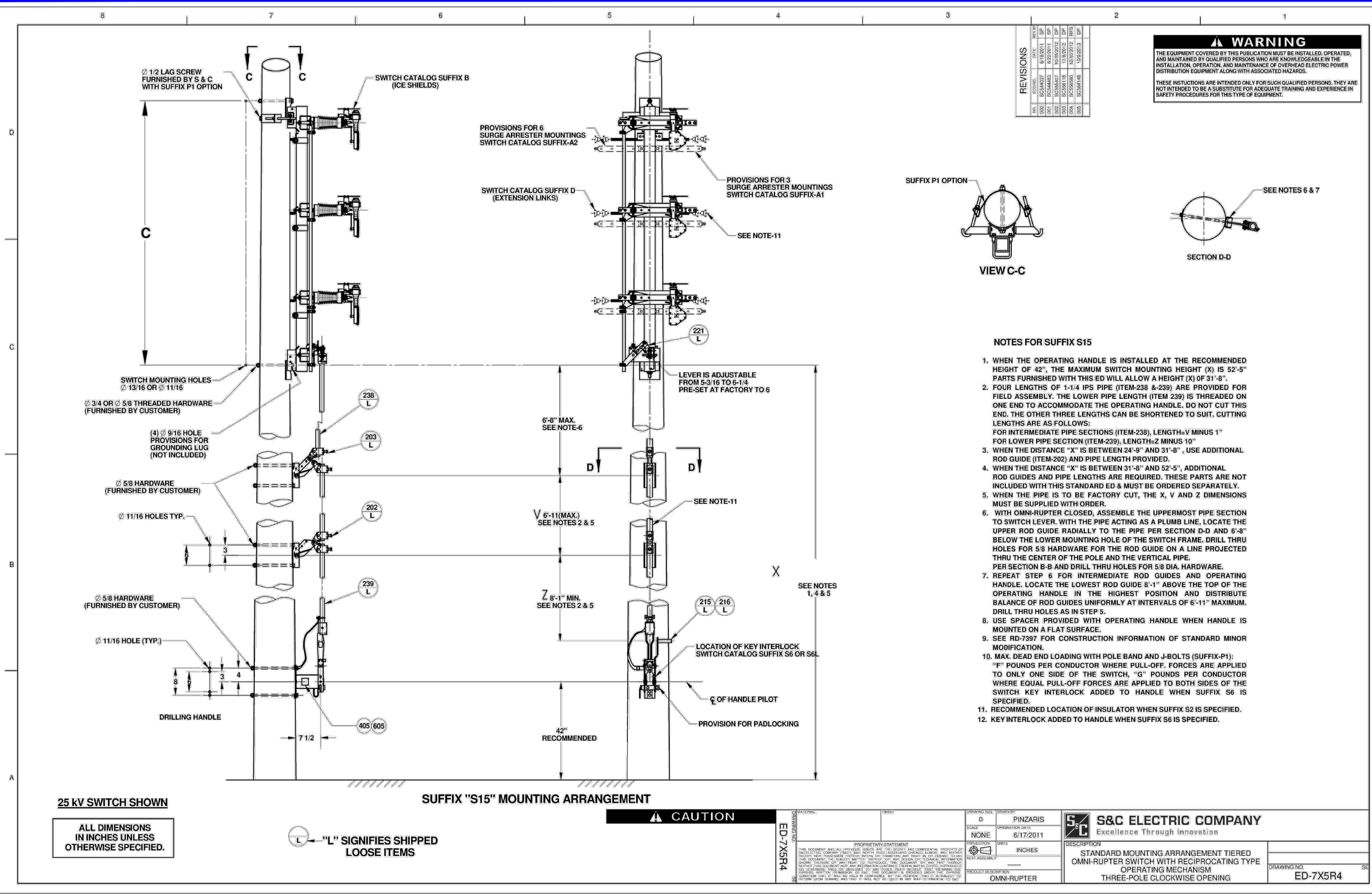
ENG. STAMP

Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
GRIDS: P004 - P013 MAPS: VARIOUS
FEEDER: PORTAGE 322**

W.O. NO.: **E2214092**

C.W.P. REF. NO.: **31 OF 38**



CONDUCTOR DATA

Manuf. _____	Manuf. Date _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____

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AT&T ALASCOM INC..... 264-8465

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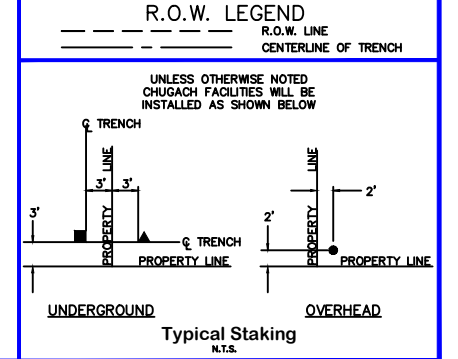
KULUS AIR BASE..... 249-1499

MILITARY PETROLEUM FUEL LINES..... 552-2334
OR 552-5342

STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

NEW	EXISTING



11 **LINE SWITCH**
33 **OMNI-RUPTER DETAILS**

PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** W.O.#: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
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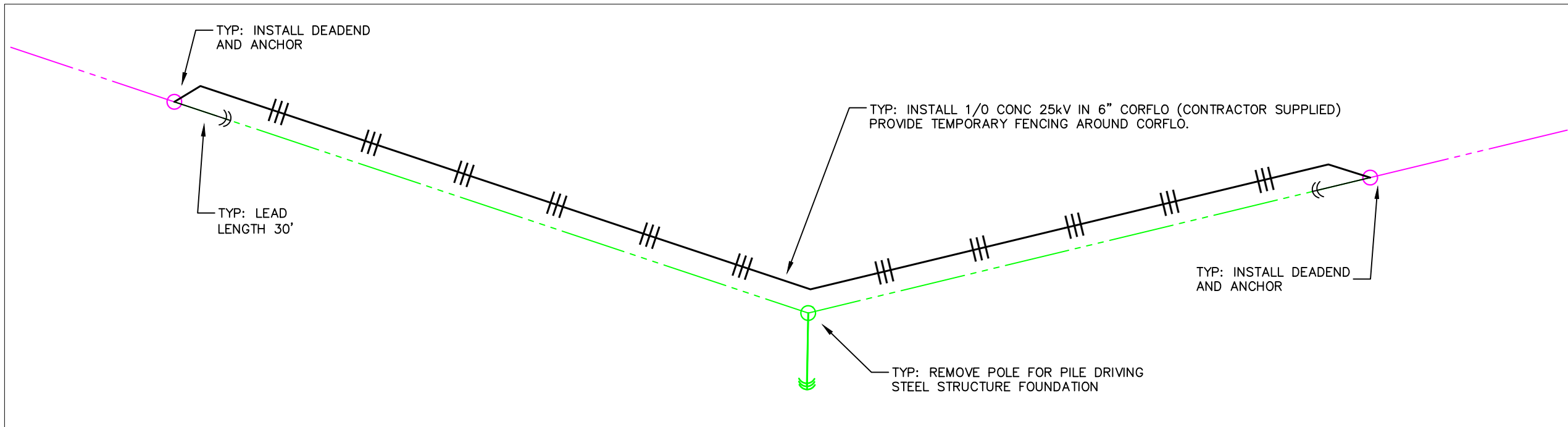
ENG. STAMP

Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

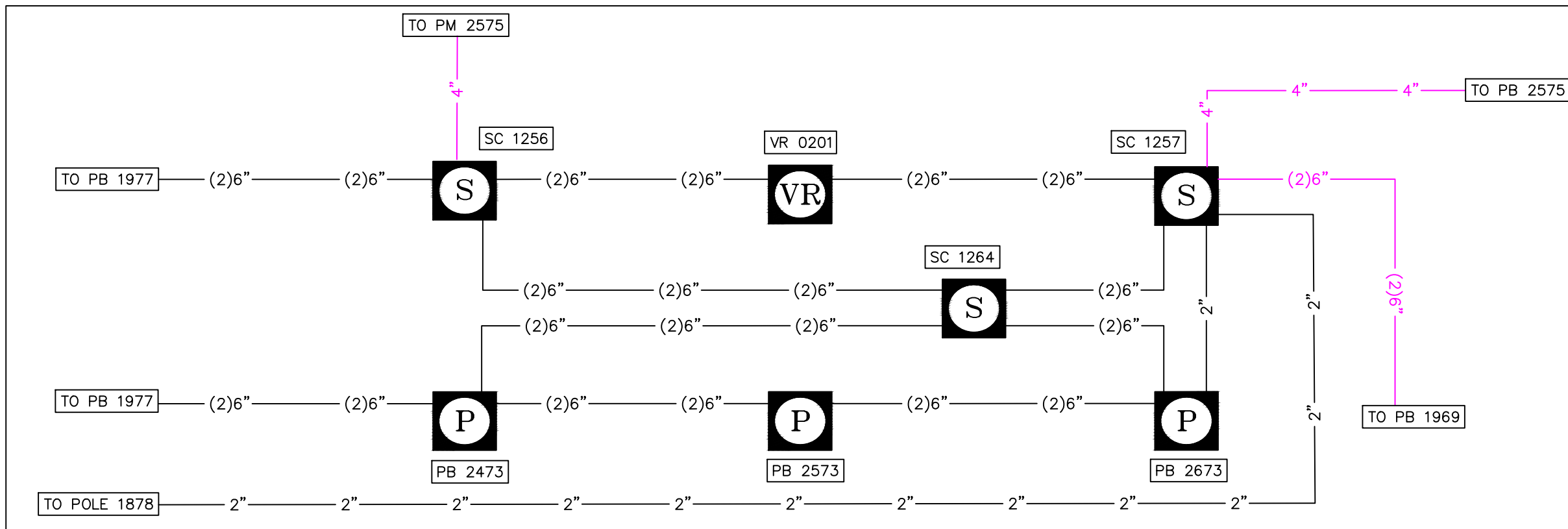
DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR**
3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
GRIDS: P004 - P013 MAPS: VARIOUS
FEEDER: PORTAGE 322

W.O. NO.: **E2214092**
C.W.P. REF. NO.: _____

SHEET **33** OF **38**



12
34 **SHOOFLY**
TYP: SHOOFLY FOR
STEEL STRUCTURE INSTALLATION



13
34 **CONDUIT DETAIL**
C&E SWITCH YARD

Vicinity Map
N.T.S.

CONDUCTOR DATA

Manuf. _____	Manuf. _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____

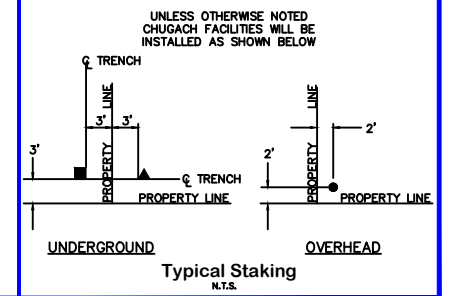
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STATEWIDE..... 800-478-3121
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ALASKA RAILROAD UTILITIES..... 265-2457
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MILITARY PETROLEUM FUEL LINES..... 552-2334
OR 552-5342
STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



PROJECT: **PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & E. COOK** *ME&E* W.O. #: **E2214092**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
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ENG. STAMP

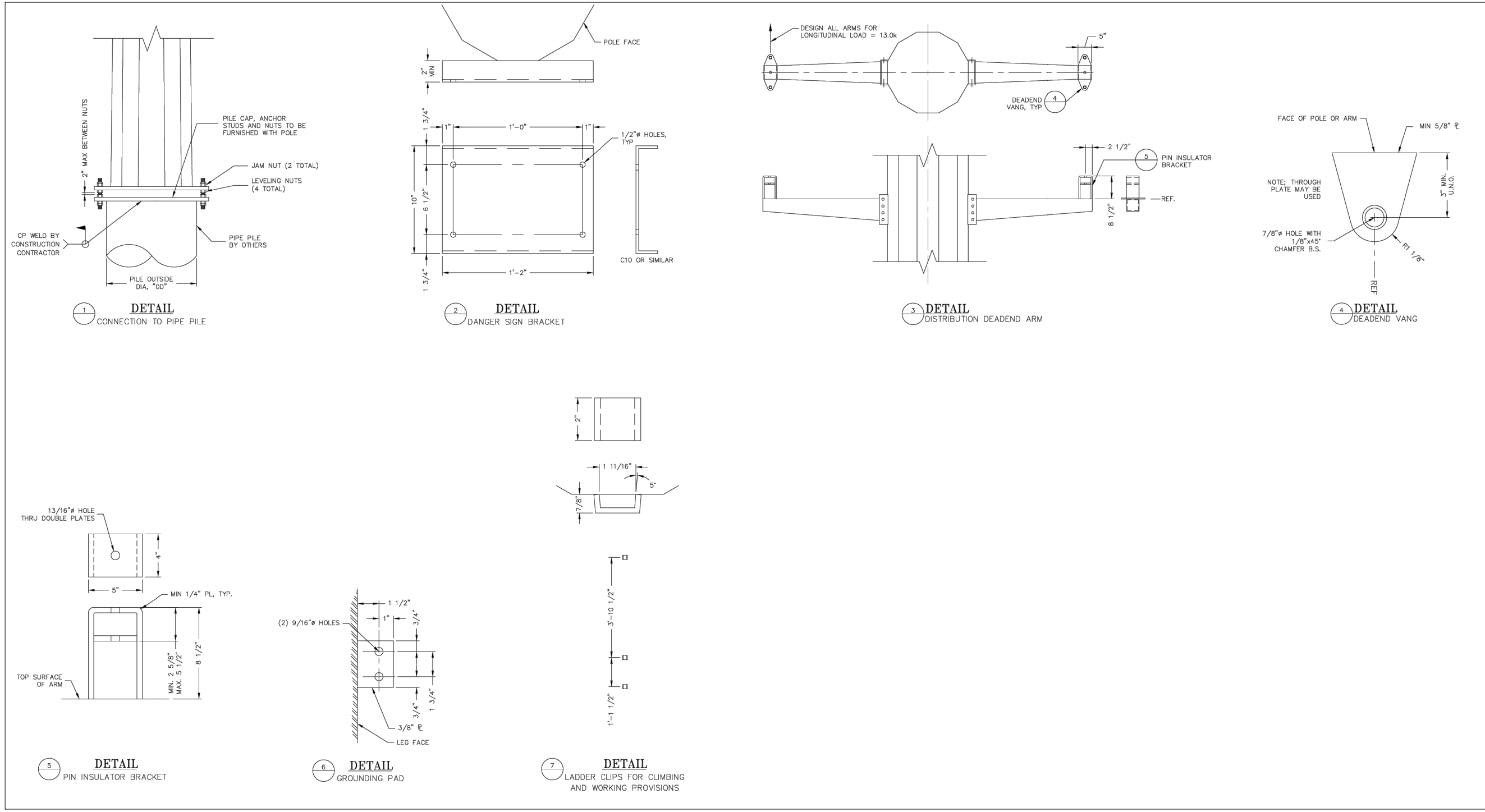
Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME: **PTSS 322 FEEDER RECONDUCTOR
3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
GRIDS: P004 - P013 MAPS: VARIOUS
FEEDER: PORTAGE 322**

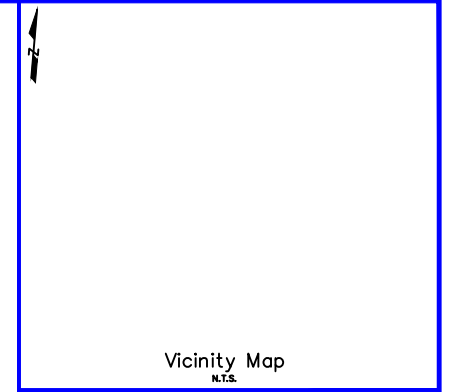
W.O. NO.: _____
C.W.P. REF. NO.: _____

E2214092

SHEET **34** OF **38**



14 STEEL STRUCTURE
35 DETAILS



CONDUCTOR DATA

Manuf. _____	Manuf. Date _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!

LOCATE CALL CENTER OF ALASKA (LCCA)

ANCHORAGE AREA..... 278-3121

STATEWIDE..... 800-478-3121

AT&T ALASCOM INC. 264-8465

ALASKA RAILROAD UTILITIES..... 265-2457

ALASKA CABLE TV (GIRDWOOD)..... 783-2982

KULUS AIR BASE..... 249-1499

MILITARY PETROLEUM FUEL LINES..... 552-2334
OR 552-5342

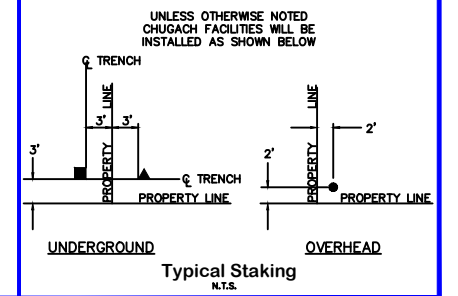
STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



PROJECT: PTSS 322 FEEDER RECONDUCTOR - 3Ø O.H. PRIMARY SYSTEM IMPROVEMENT

DESIGNER/PROJECT ENGINEER: M. ELLIOTT & E. COOK (CEA) / GREG HUFFMAN (EPS)

W.O. #: E2214092

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	BWA 12/04/25	GDH 12/04/25	3/30/26

ENG. STAMP

Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME: PTSS 322 FEEDER RECONDUCTOR
3Ø O.H. PRIMARY SYSTEM IMPROVEMENT
GRIDS: P004 - P013 MAPS: VARIOUS
FEEDER: PORTAGE 322
STRUCTURAL & ASSEMBLY - STRUCTURE DETAILS

W.O. NO.: E2214092
C.W.P. REF. NO.: SHEET 35 OF 38

