

VICINITY MAP

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 _____
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)

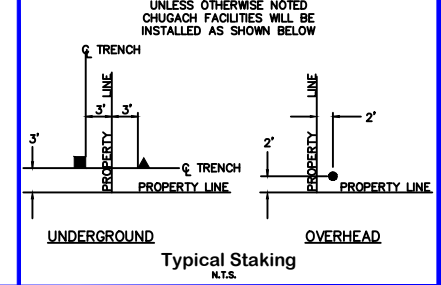
ANCHORAGE AREA.....	278-3121
STATEWIDE.....	800-478-3121
AT&T ALASCOM INC.....	264-8465
ALASKA RAILROAD UTILITIES.....	265-2457
ALYASKA CABLE TV (GIRDWOOD).....	783-2982
KULS AIR BASE.....	249-1499
MILITARY PETROLEUM FUEL LINES.....	552-2334 OR 552-5342
STATE STORM DRAINS & STREET LIGHTS.....	333-2411

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



PROJECT: 12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT				
DESIGNER/PROJECT ENGINEER: M. ELLIOTT & V. KRIVONOSOV W.O. #: E2314215				
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25	

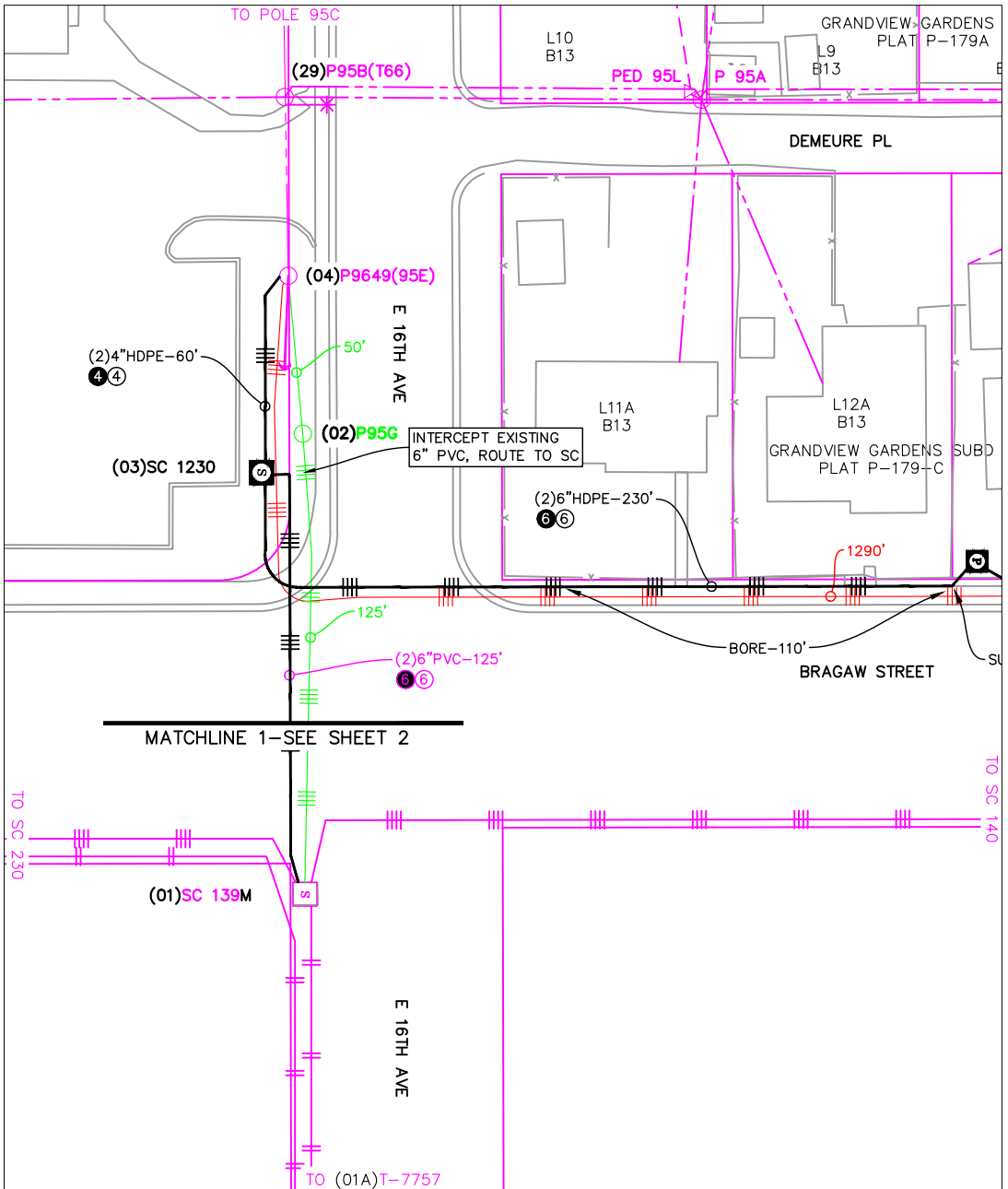
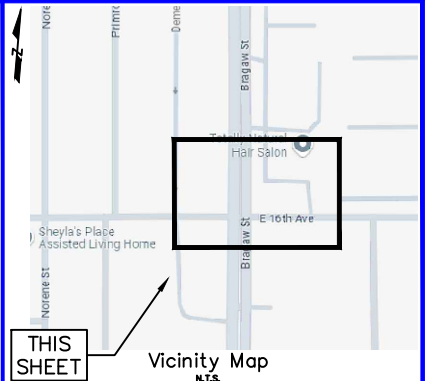
ENG. STAMP



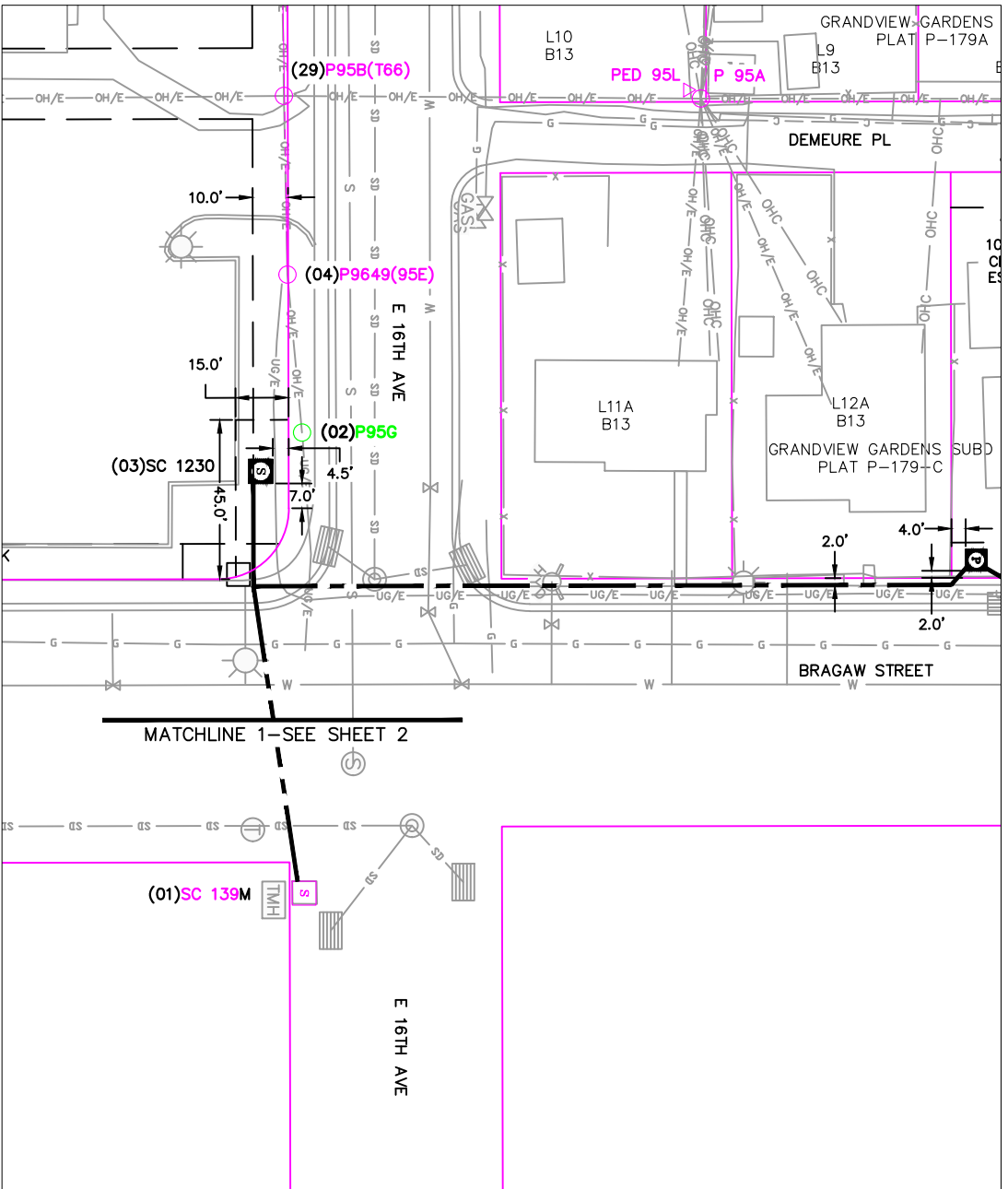
Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:	12.5kV DBSS TO ANCH SUB 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D FEEDER: S15F3, S15F7, S14F7, S14F6
W.O. NO.:	E2314215
C.W.P. REF. NO.:	SHEET 0 OF 24

NOTES:
 -ALL 3Ø FEEDER IS 750 CONC.
 -ALL 3Ø PRIMARY IS 4/0 CONC.



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!

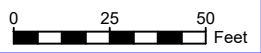
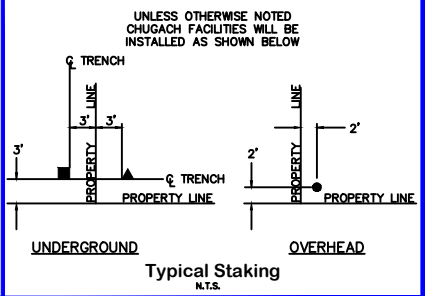
LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALYESKA CABLE TV (GIRDWOOD)..... 783-2982
 KULUS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE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

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



PROJECT: 12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
 DESIGNER/PROJECT ENGINEER: M. ELLIOTT & V. KRIVONOSOV W.O. #: E2314215

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25	

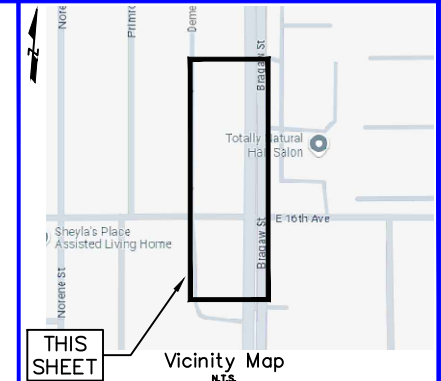
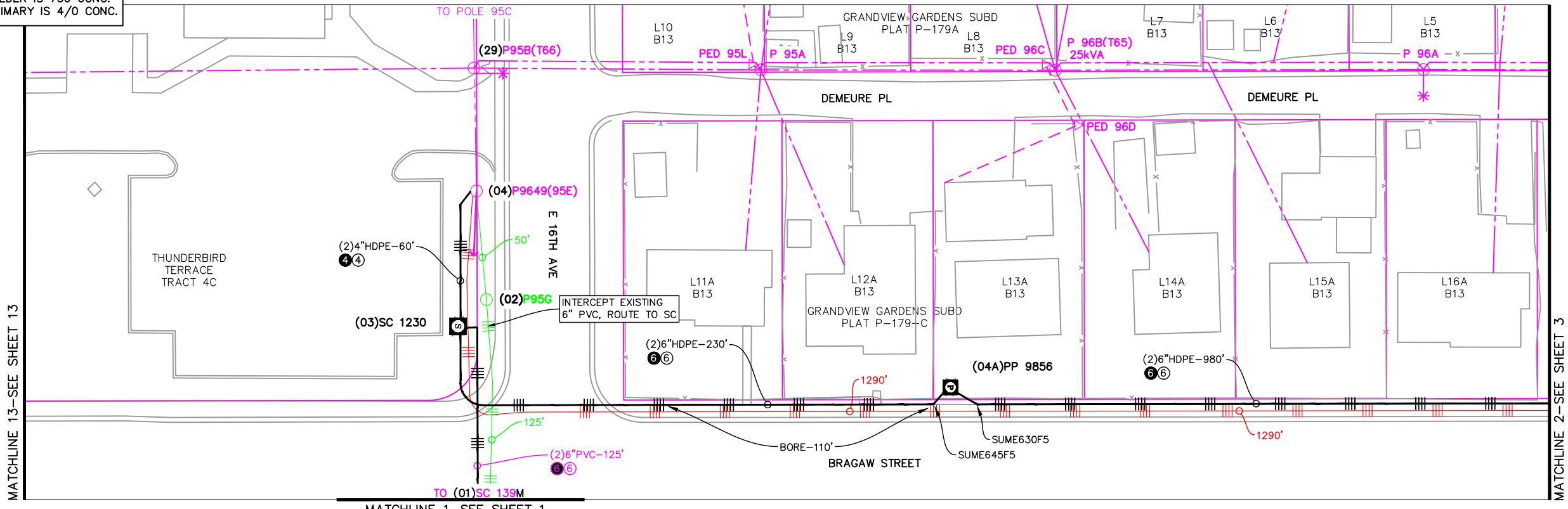
ENG. STAMP

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

DRAWING NAME:
12.5kV DBSS TO ANCH SUB
3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
 FEEDER: S15F3, S15F7, S14F7, S14F6

W.O. NO.: E2314215
 C.W.P. REF. NO.: SHEET 1 OF 24

NOTES:
 -ALL 3Ø FEEDER IS 750 CONC.
 -ALL 3Ø PRIMARY IS 4/0 CONC.



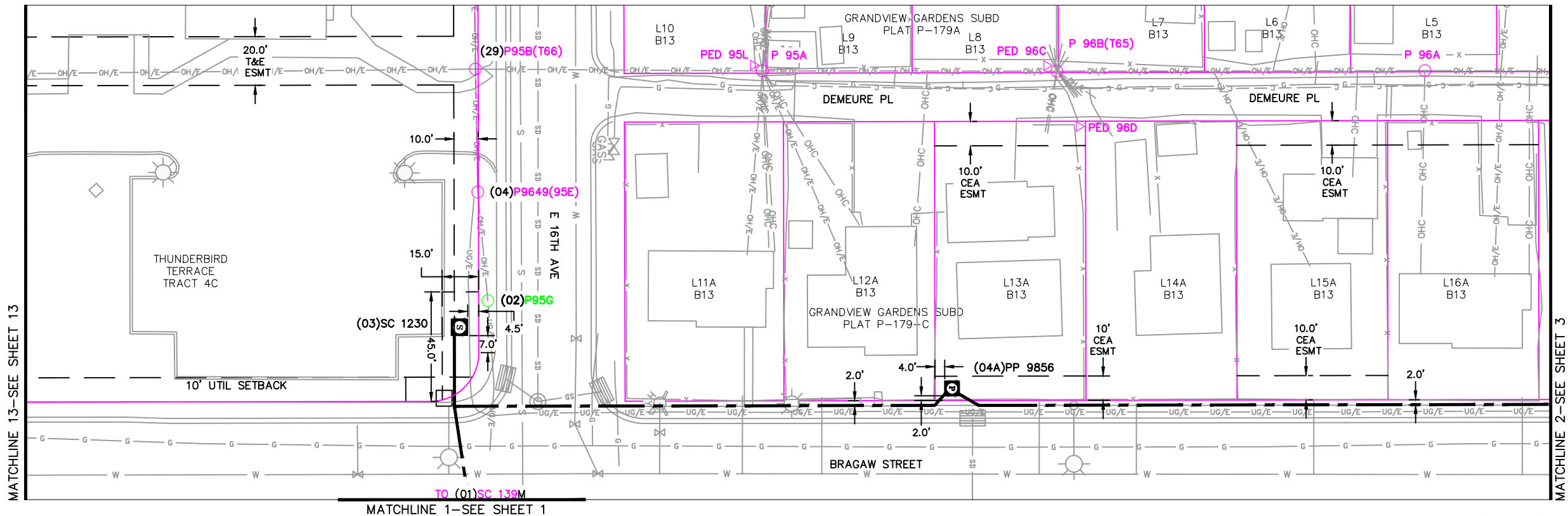
CONDUCTOR DATA

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

ELECTRICAL

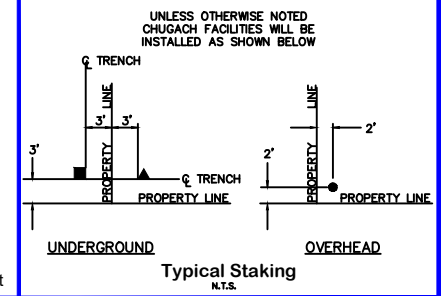


CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



ROW

PROJECT: 12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
 DESIGNER/PROJECT ENGINEER: M. ELLIOTT & V. KRIVONOSOV W.O. #: E2314215

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25	

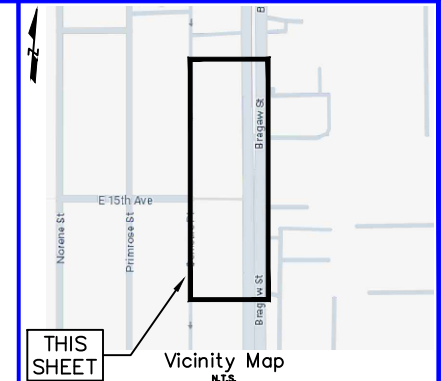
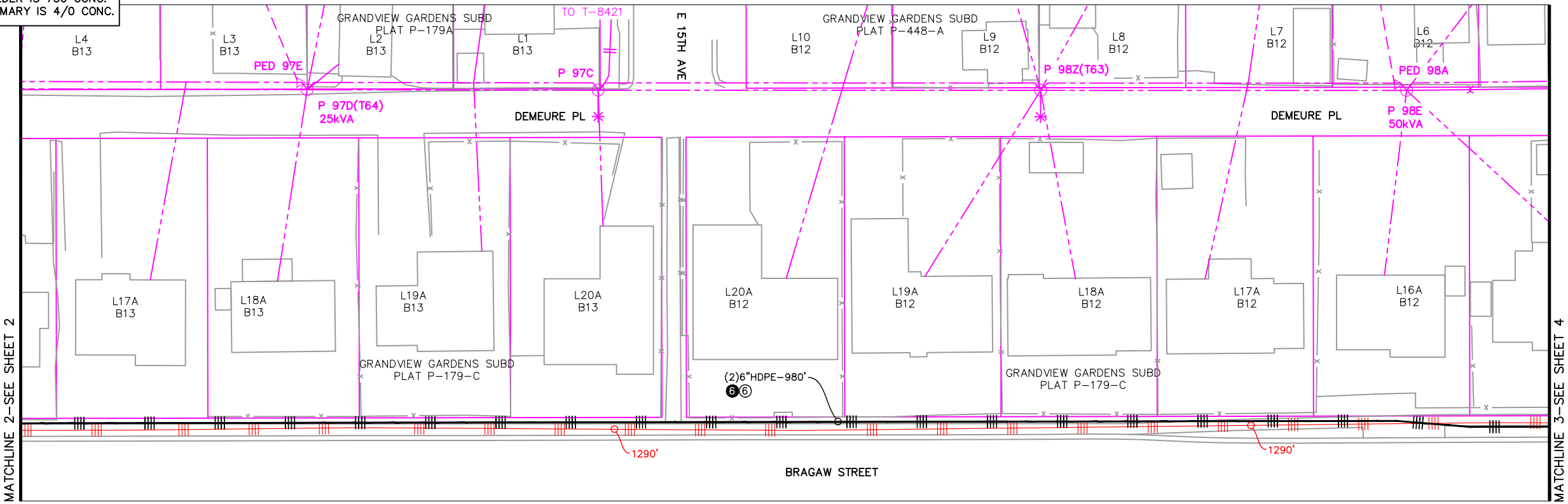
ENG. STAMP

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

DRAWING NAME:
12.5kV DBSS TO ANCH SUB
3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
 FEEDER: S15F3, S15F7, S14F7, S14F6

W.O. NO.: E2314215
 C.W.P. REF. NO.: SHEET 2 OF 24

NOTES:
 -ALL 3Ø FEEDER IS 750 CONC.
 -ALL 3Ø PRIMARY IS 4/0 CONC.



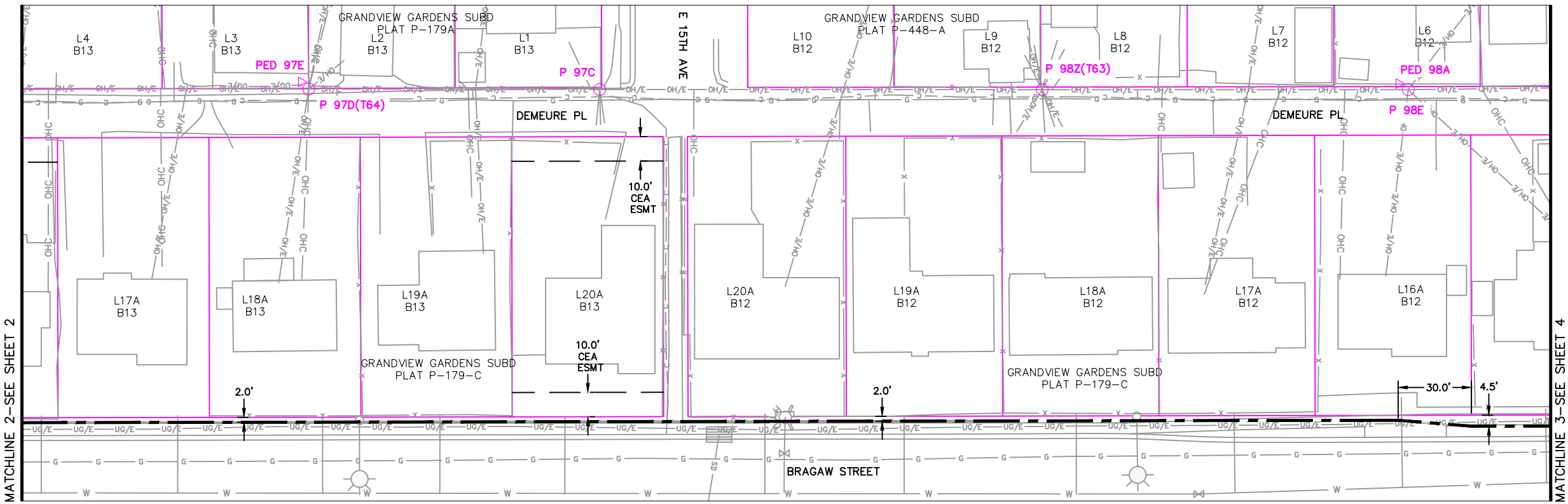
CONDUCTOR DATA

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

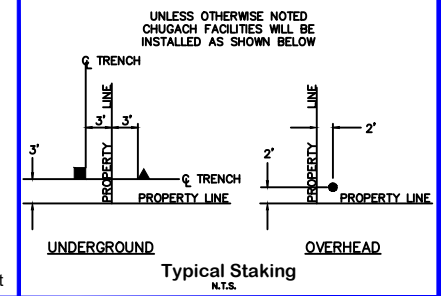


CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



ROW



PROJECT: 12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
 DESIGNER/PROJECT ENGINEER: M. ELLIOTT & V. KRIVONOSOV W.O. #: E2314215

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25	

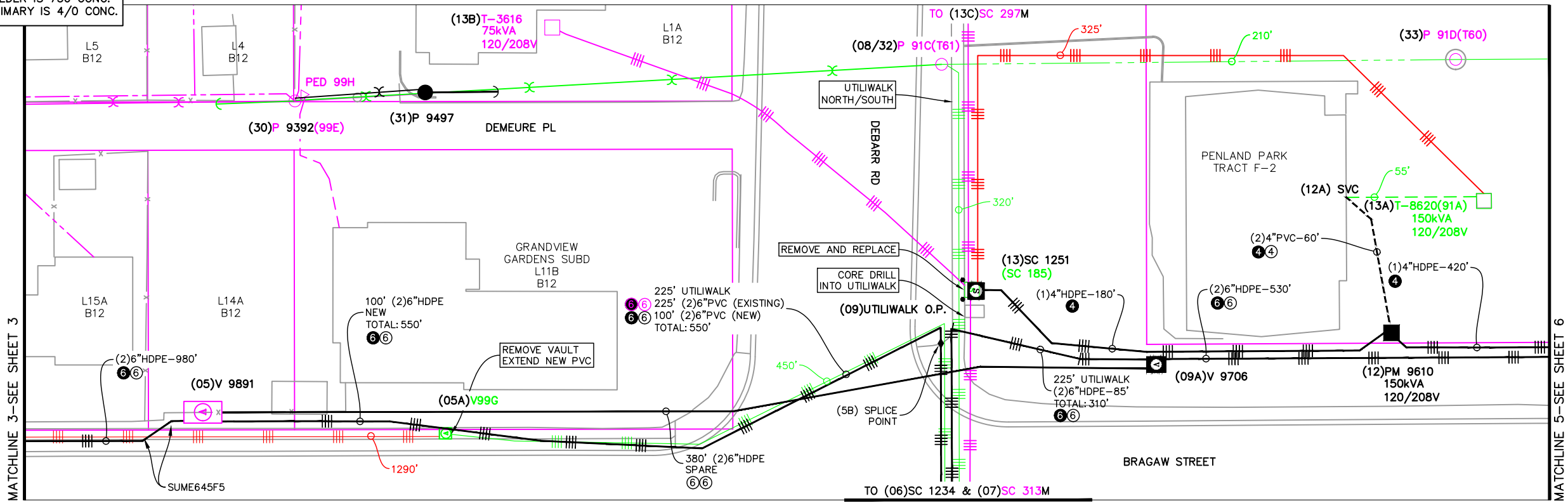
ENG. STAMP

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

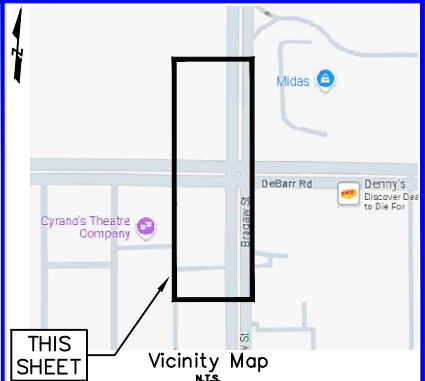
DRAWING NAME:
12.5kV DBSS TO ANCH SUB
3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
 FEEDER: S15F3, S15F7, S14F7, S14F6

W.O. NO.: E2314215
 C.W.P. REF. NO.: SHEET 3 OF 24

NOTES:
 -ALL 3Ø FEEDER IS 750 CONC.
 -ALL 3Ø PRIMARY IS 4/0 CONC.



ELECTRICAL



CONDUCTOR DATA

Manuf. / Date	Manuf. / Date

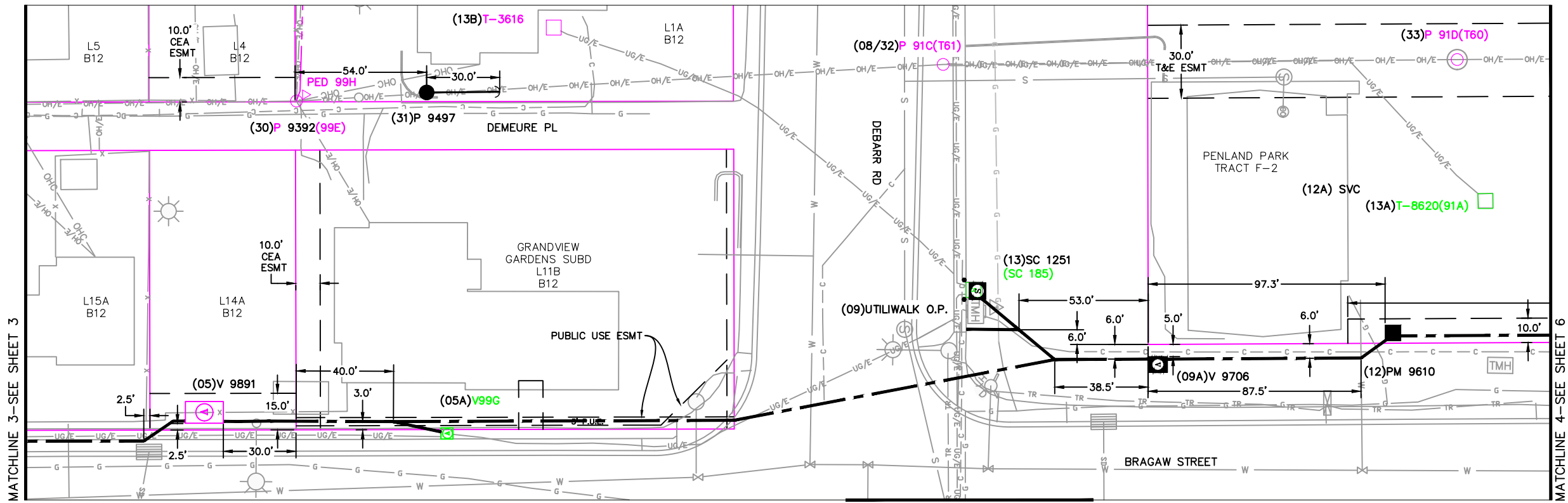
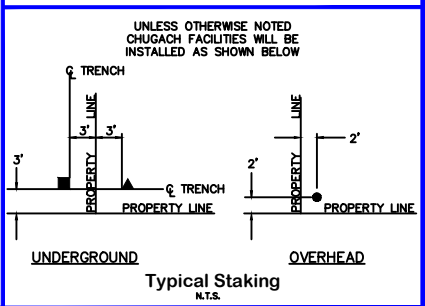
CALL BEFORE YOU DIG!

- 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
 - 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



ROW

PROJECT: 12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT				
DESIGNER/PROJECT ENGINEER: M. ELLIOTT & V. KRIVONOSOV				
NO.		DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE
0	ISSUED FOR CONSTRUCTION		ME 03/12/25	3/18/25

ENG. STAMP



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

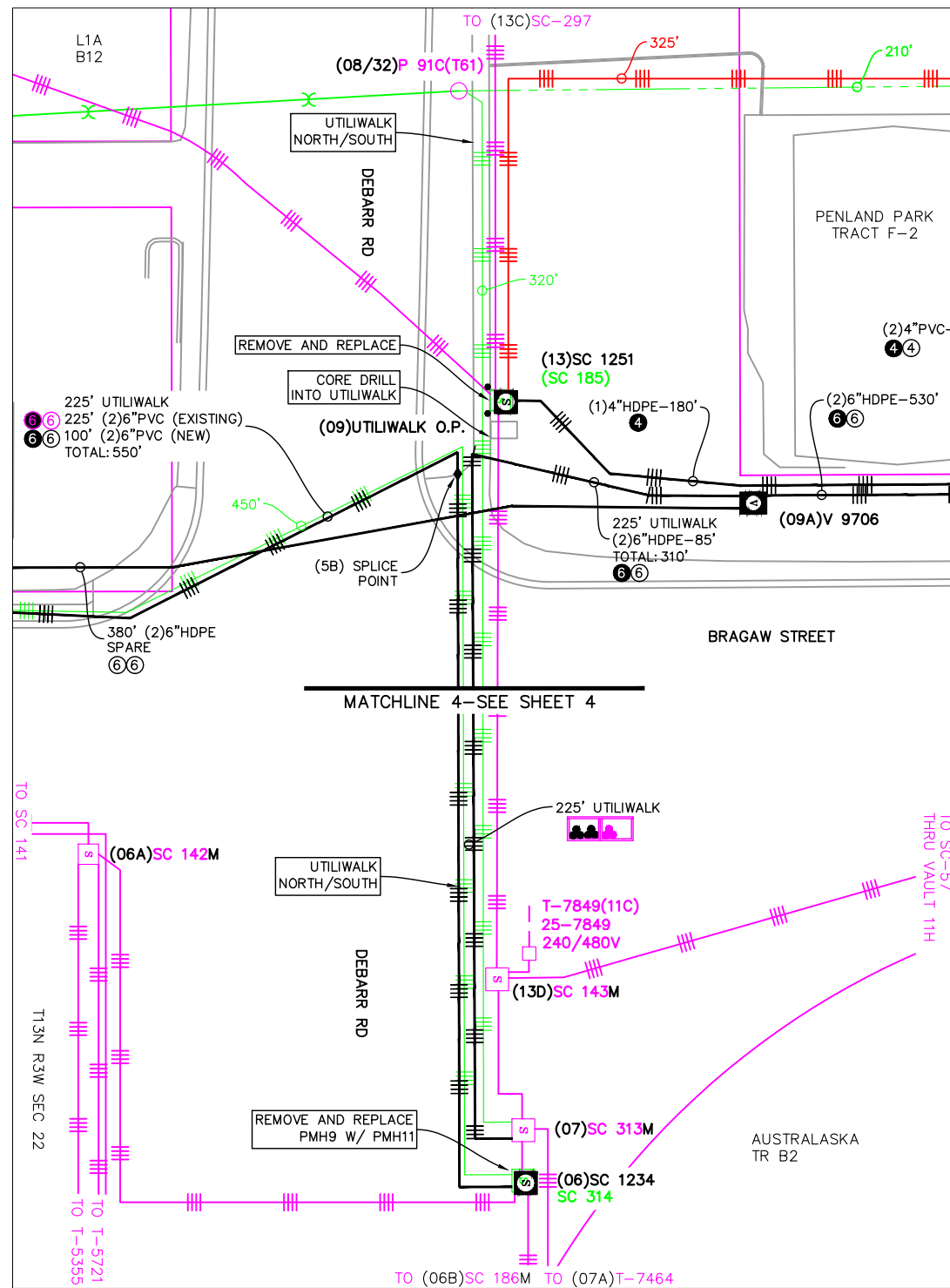
DRAWING NAME:

12.5kV DBSS TO ANCH SUB
 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
 FEEDER: S15F3, S15F7, S14F7, S14F6

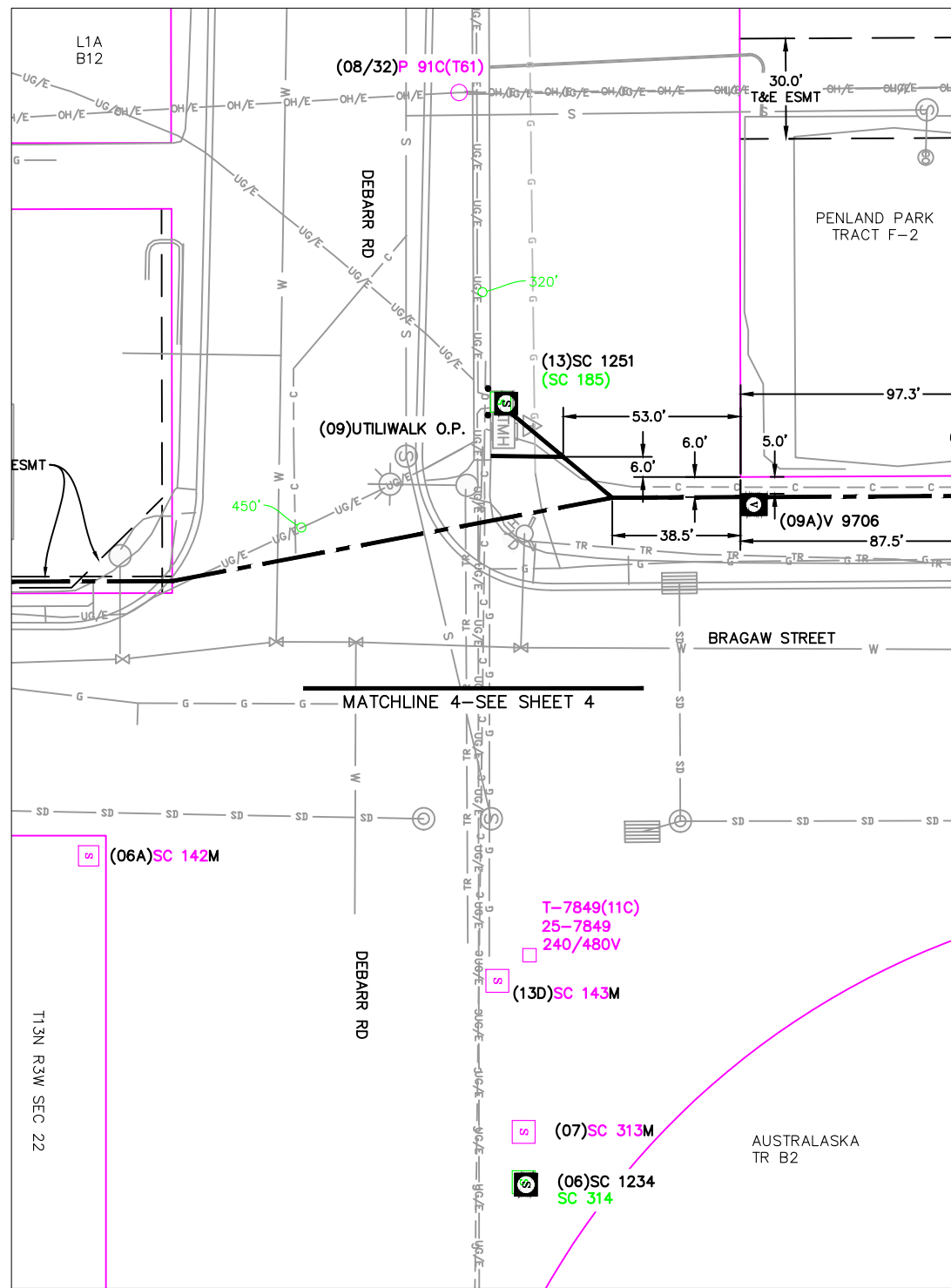
W.O. NO.: E2314215
C.W.P. REF. NO.:

SHEET 4 OF 24

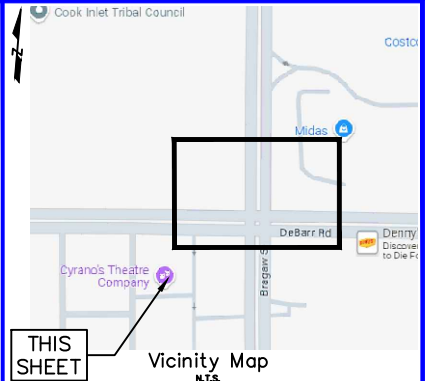
NOTES:
 -ALL 3Ø FEEDER IS 750 CONC.
 -ALL 3Ø PRIMARY IS 4/0 CONC.



ELECTRICAL



ROW



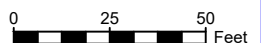
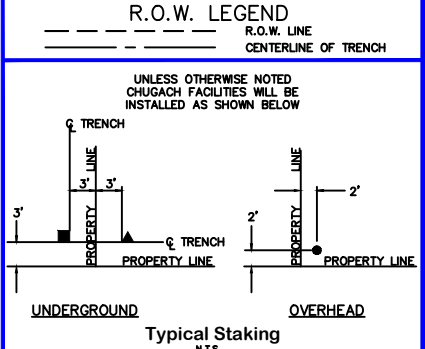
CONDUCTOR DATA

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
 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: 12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT

DESIGNER/PROJECT ENGINEER: M. ELLIOTT & V. KRIVONOSOV W.O. #: E2314215

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25	

ENG. STAMP

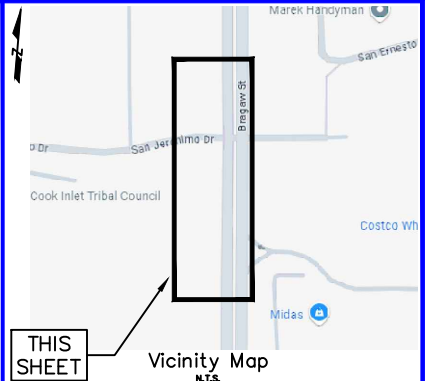
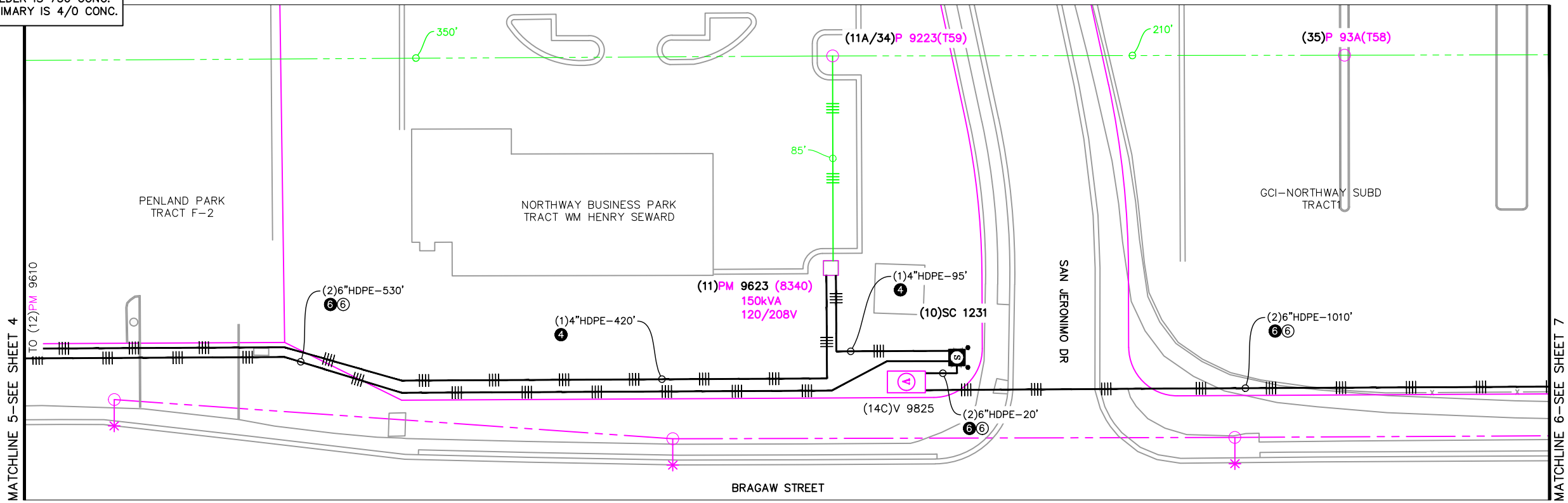
Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

DRAWING NAME:
12.5kV DBSS TO ANCH SUB
3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
 FEEDER: S15F3, S15F7, S14F7, S14F6

W.O. NO.:
 C.W.P. REF. NO.: **E2314215**

SHEET 5 OF 24

NOTES:
 -ALL 3Ø FEEDER IS 750 CONC.
 -ALL 3Ø PRIMARY IS 4/0 CONC.



CONDUCTOR DATA

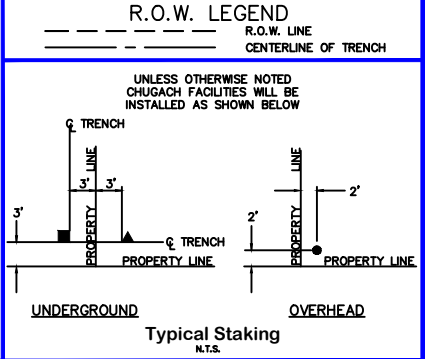
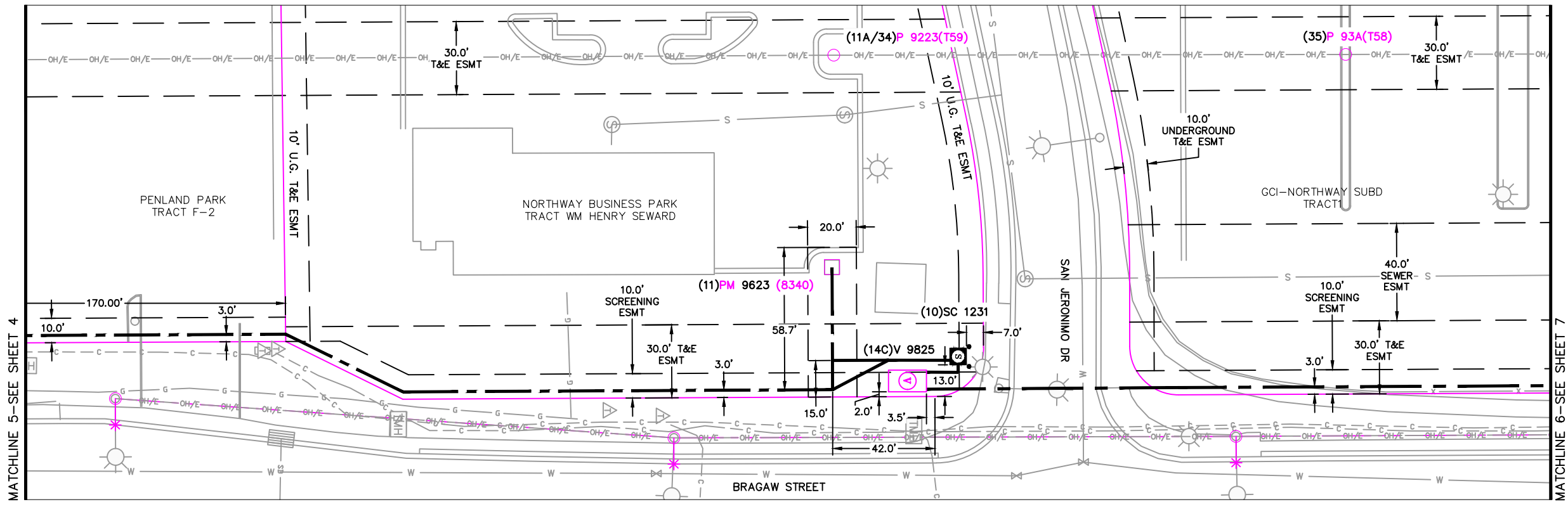
Manuf.	Manuf. Date	Volt Rating	Insul. Type	Insul. Size	Cond. Size/Type	Quantity In Feet

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



PROJECT: 12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
 DESIGNER/PROJECT ENGINEER: M. ELLIOTT & V. KRIVONOSOV W.O. #: E2314215

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	[Signature] 3/18/25	

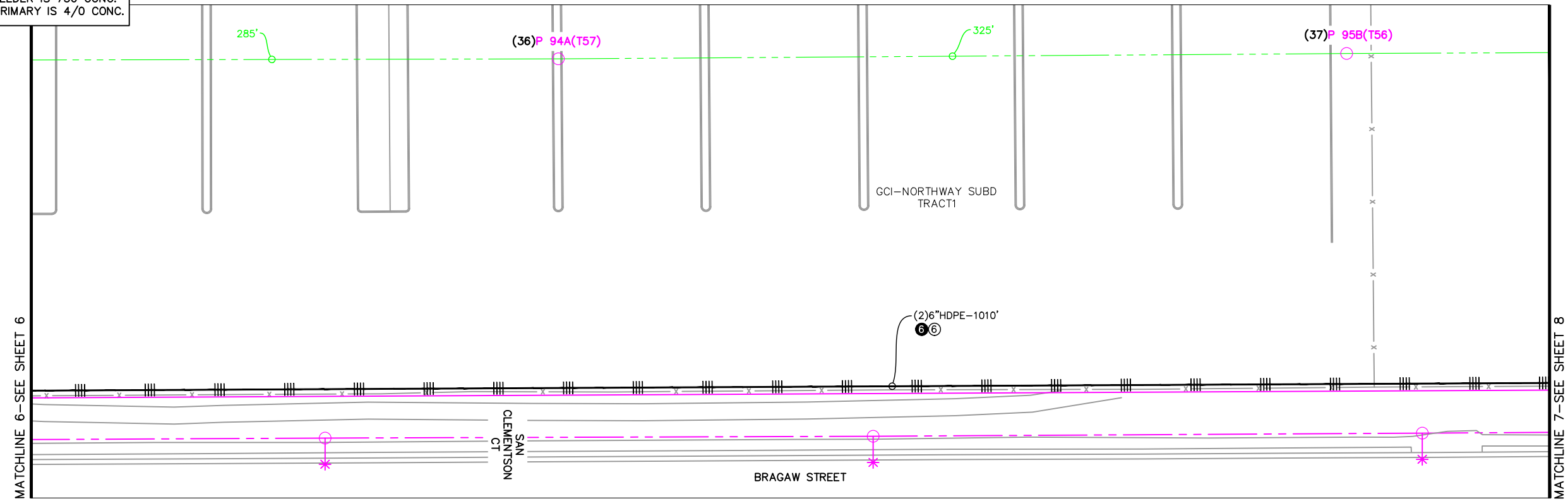
ENG. STAMP

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

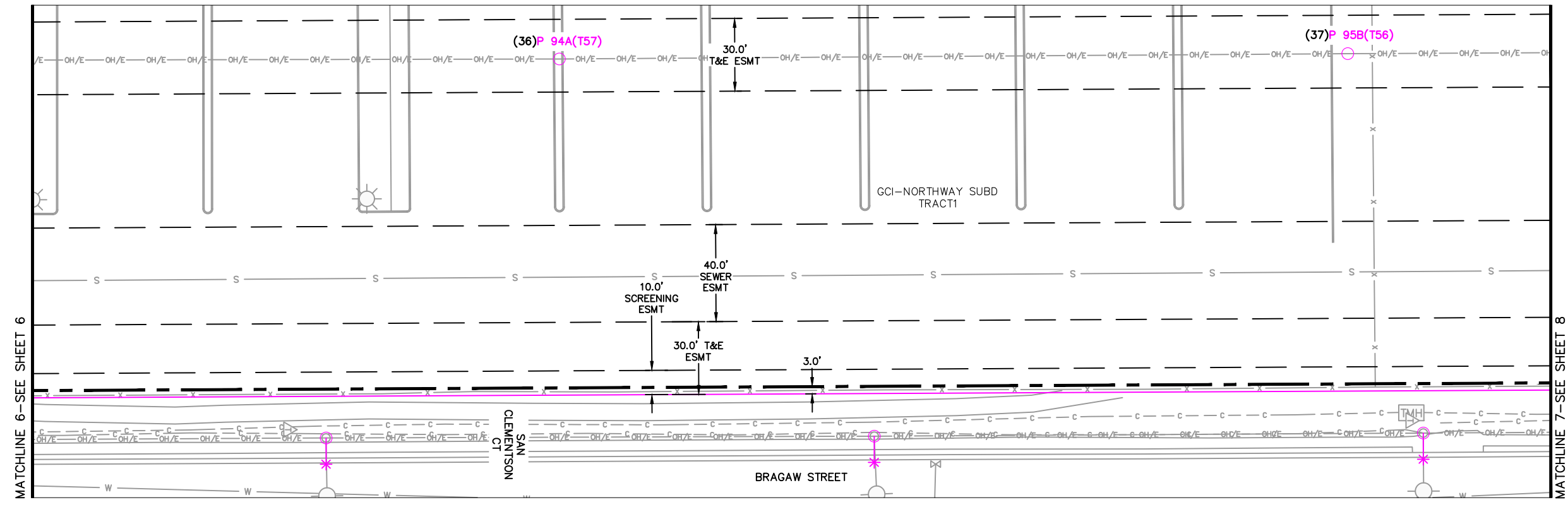
DRAWING NAME:
12.5kV DBSS TO ANCH SUB
3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
 FEEDER: S15F3, S15F7, S14F7, S14F6

W.O. NO.: E2314215
 C.W.P. REF. NO.: SHEET 6 OF 24

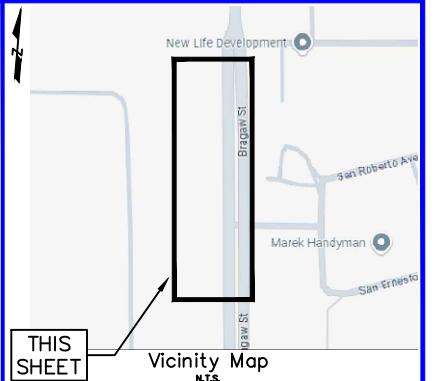
NOTES:
 -ALL 3Ø FEEDER IS 750 CONC.
 -ALL 3Ø PRIMARY IS 4/0 CONC.



ELECTRICAL



ROW



CONDUCTOR DATA

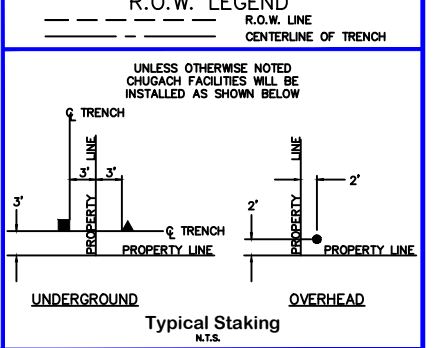
Manuf. _____	Manuf. Date _____	Manuf. _____	Manuf. Date _____
Volt Rating _____	Volt Rating _____	Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____	Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____	Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. 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
 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: 12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
 DESIGNER/PROJECT ENGINEER: M. ELLIOTT & V. KRIVONOSOV W.O. #: E2314215

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25	

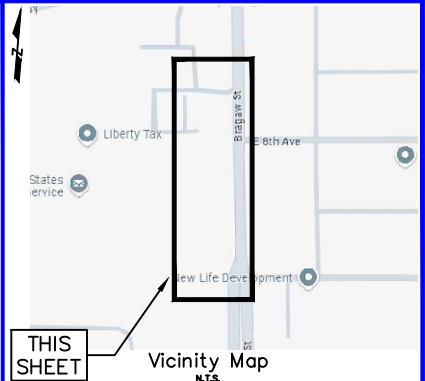
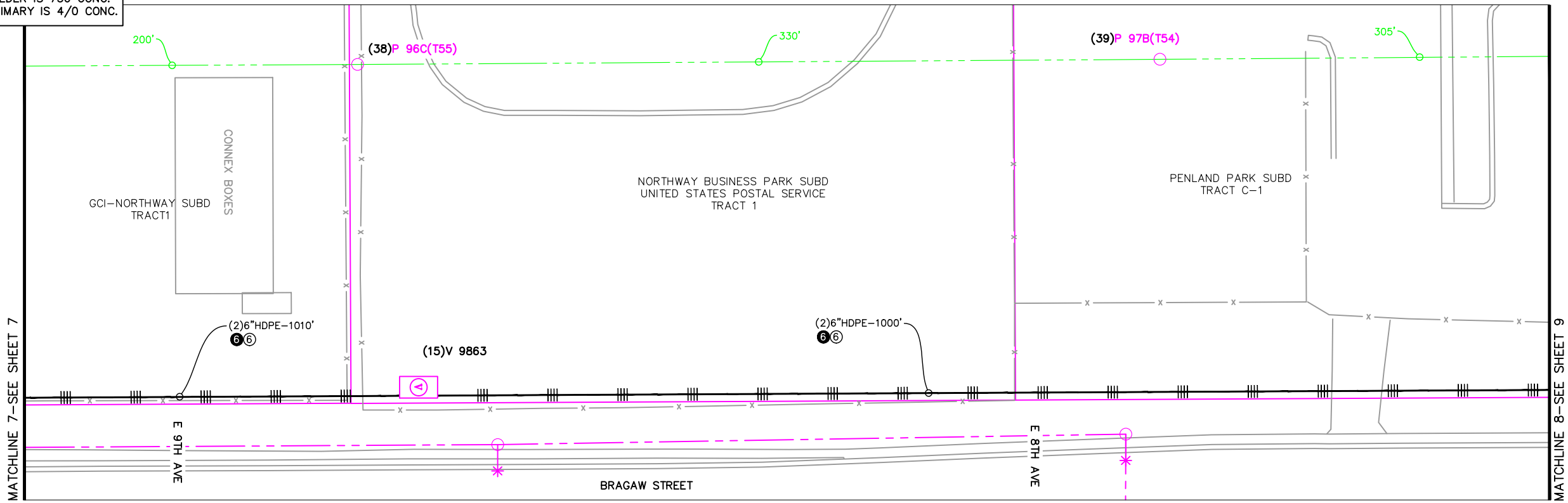
ENG. STAMP

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

DRAWING NAME:
12.5kV DBSS TO ANCH SUB
3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
 FEEDER: S15F3, S15F7, S14F7, S14F6

W.O. NO.: E2314215
 C.W.P. REF. NO.: SHEET 7 OF 24

NOTES:
 -ALL 3Ø FEEDER IS 750 CONC.
 -ALL 3Ø PRIMARY IS 4/0 CONC.



CONDUCTOR DATA

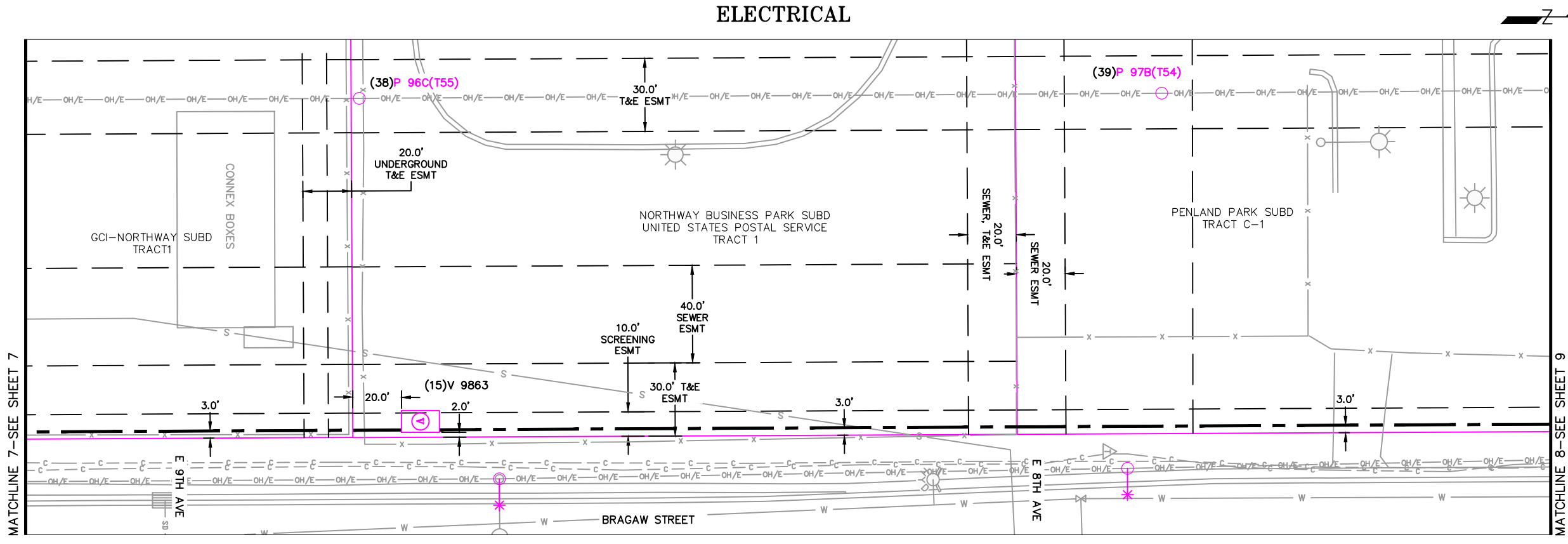
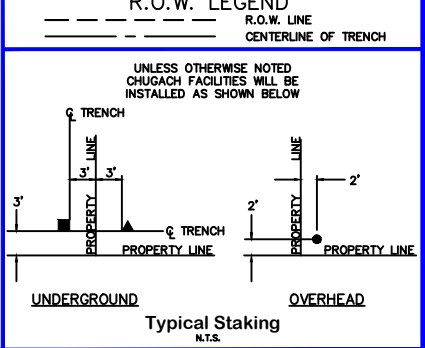
Manuf. _____	Manuf. _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____

CALL BEFORE YOU DIG!

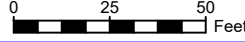
LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALYASKA CABLE TV (GIRDWOOD)..... 783-2982
 KULIS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE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

CONSTRUCTION LEGEND

NEW	EXISTING



ROW



PROJECT: 12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
 DESIGNER/PROJECT ENGINEER: M. ELLIOTT & V. KRIVONOSOV W.O. #: E2314215

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25	

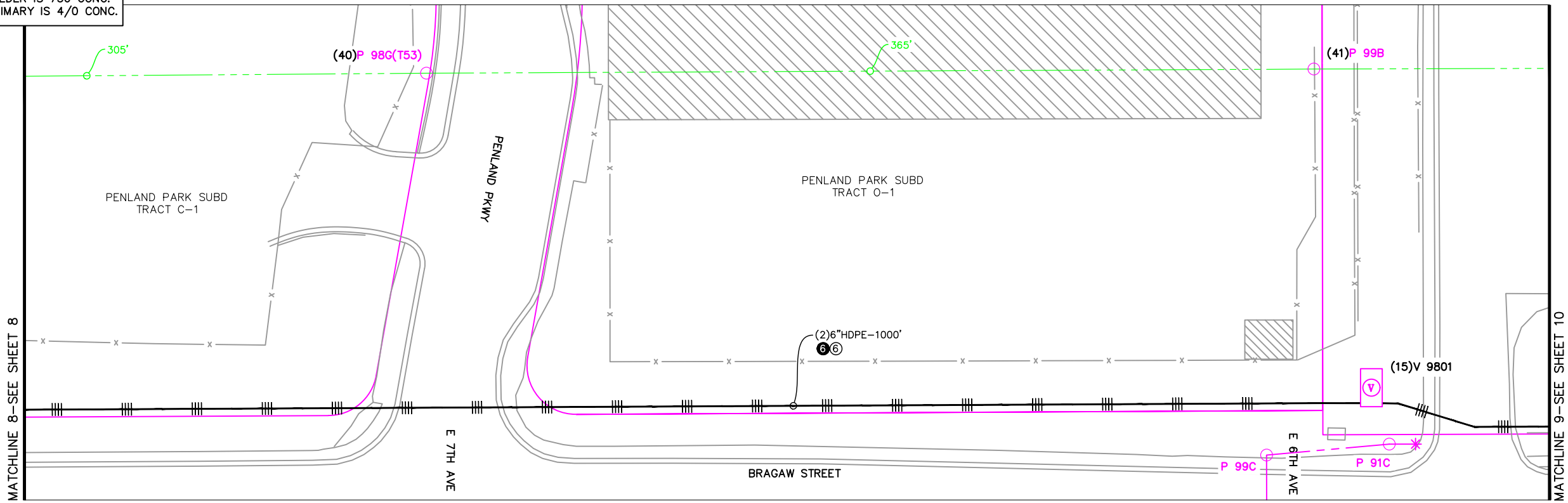
ENG. STAMP

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

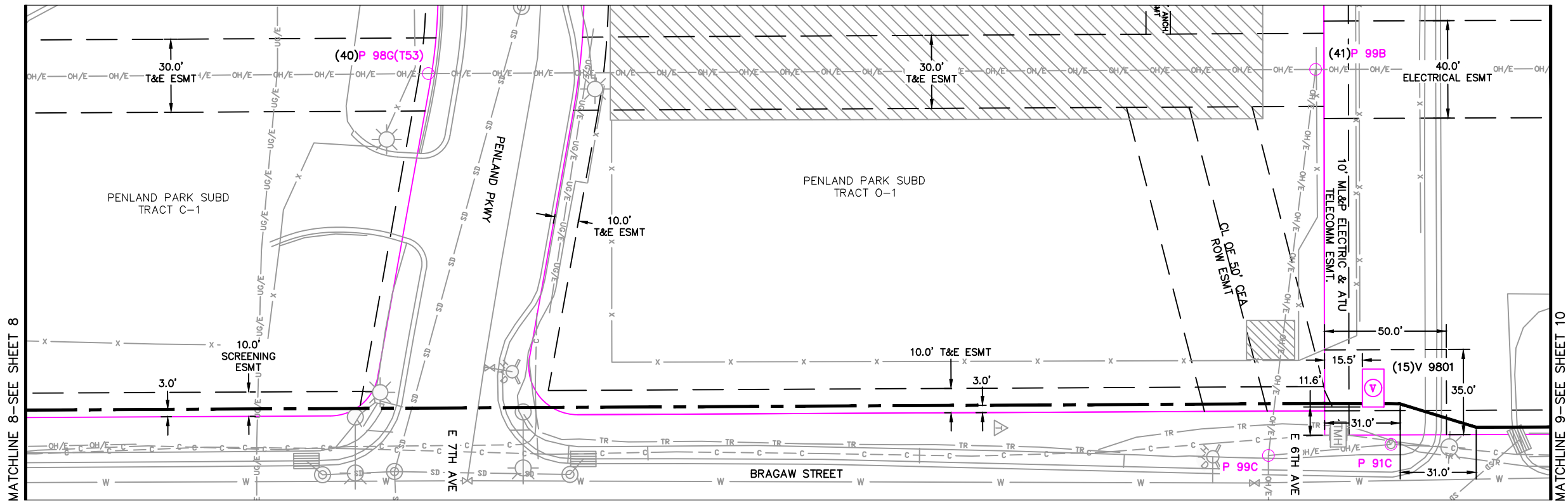
DRAWING NAME:
12.5kV DBSS TO ANCH SUB
3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
 FEEDER: S15F3, S15F7, S14F7, S14F6

W.O. NO.: E2314215
 C.W.P. REF. NO.: SHEET 8 OF 24

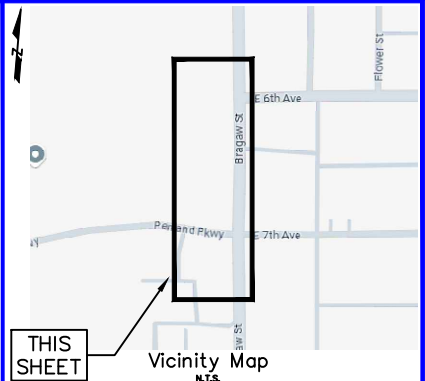
NOTES:
 -ALL 3Ø FEEDER IS 750 CONC.
 -ALL 3Ø PRIMARY IS 4/0 CONC.



ELECTRICAL



ROW



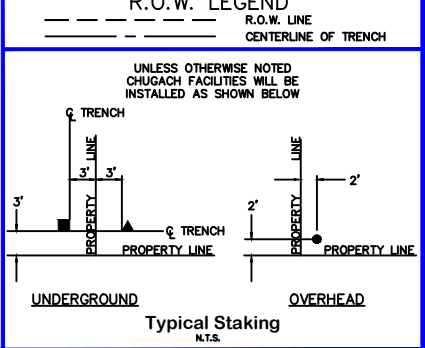
CONDUCTOR DATA

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: **12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & V. KRIVONOSOV** W.O. #: **E2314215**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25	

ENG. STAMP

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

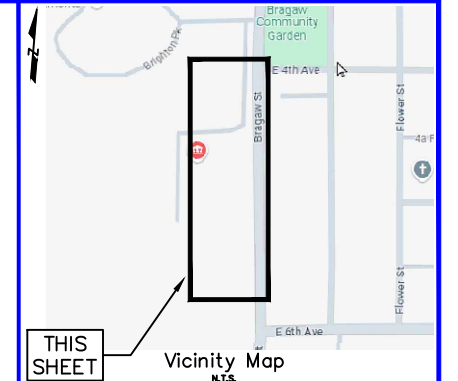
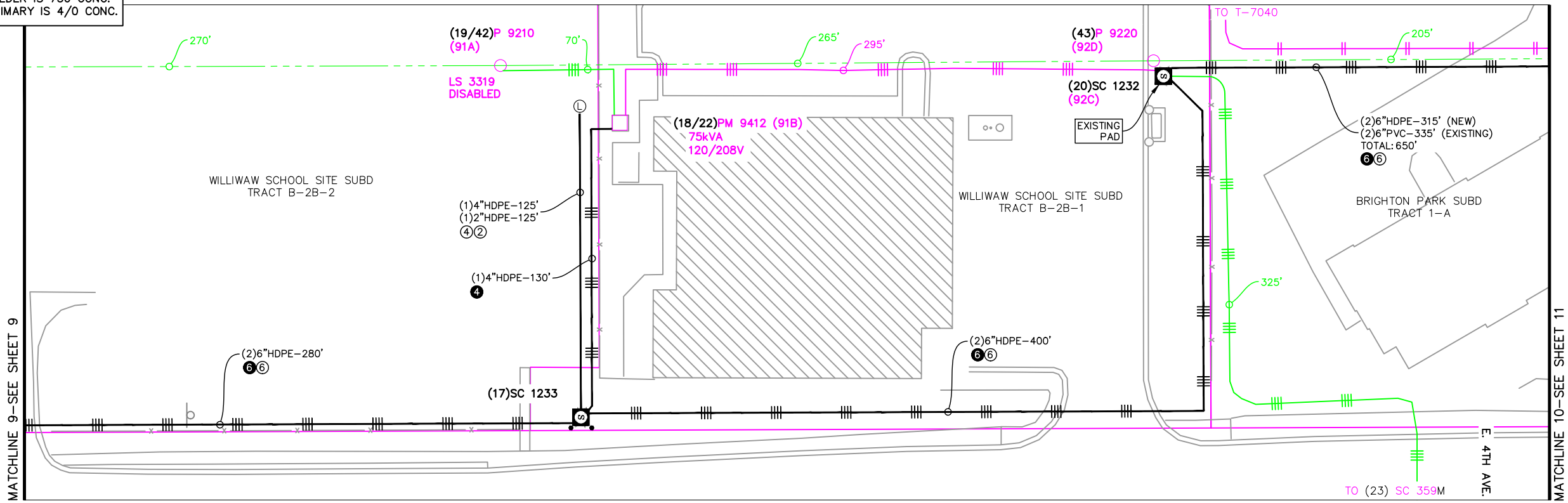
DRAWING NAME:
**12.5kV DBSS TO ANCH SUB
 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT**
 GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
 FEEDER: S15F3, S15F7, S14F7, S14F6

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

E2314215

SHEET **9** OF **24**

NOTES:
 -ALL 3Ø FEEDER IS 750 CONC.
 -ALL 3Ø PRIMARY IS 4/0 CONC.



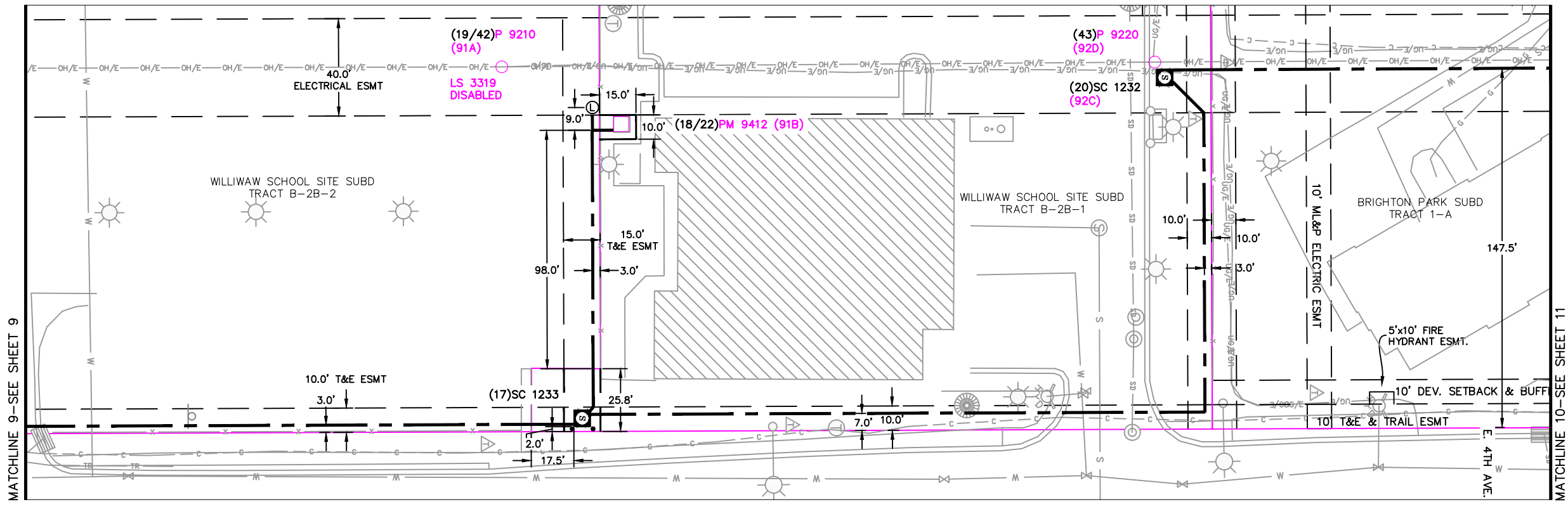
CONDUCTOR DATA

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

CALL BEFORE YOU DIG!

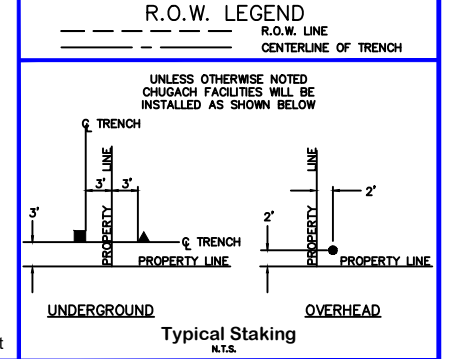
LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALYESKA CABLE TV (GIRDWOOD)..... 783-2982
 KULIS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE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

ELECTRICAL



CONSTRUCTION LEGEND

NEW	EXISTING



ROW

PROJECT: 12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
 DESIGNER/PROJECT ENGINEER: M. ELLIOTT & V. KRIVONOSOV W.O. #: E2314215

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25	

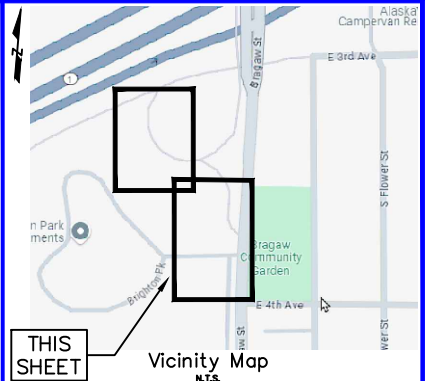
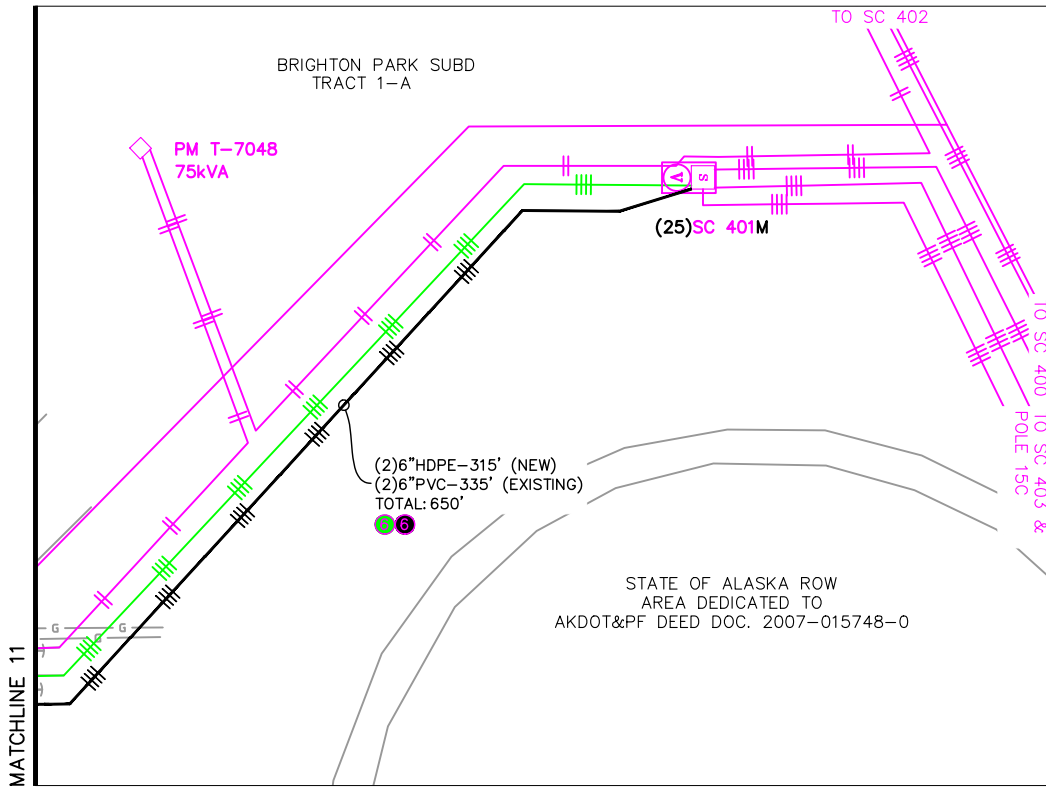
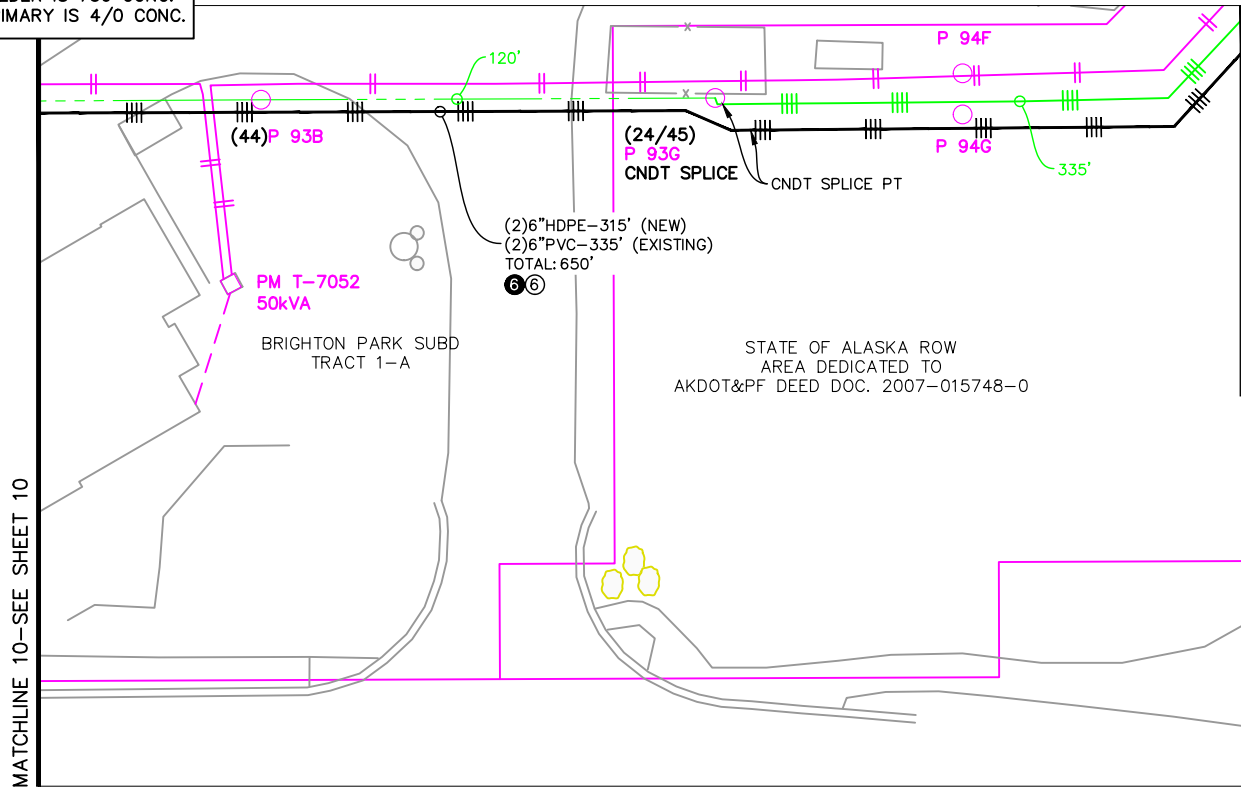
ENG. STAMP

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

DRAWING NAME:
**12.5kV DBSS TO ANCH SUB
 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT**
 GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
 FEEDER: S15F3, S15F7, S14F7, S14F6

W.O. NO.: E2314215
 C.W.P. REF. NO.: SHEET 10 OF 24

NOTES:
 -ALL 3Ø FEEDER IS 750 CONC.
 -ALL 3Ø PRIMARY IS 4/0 CONC.



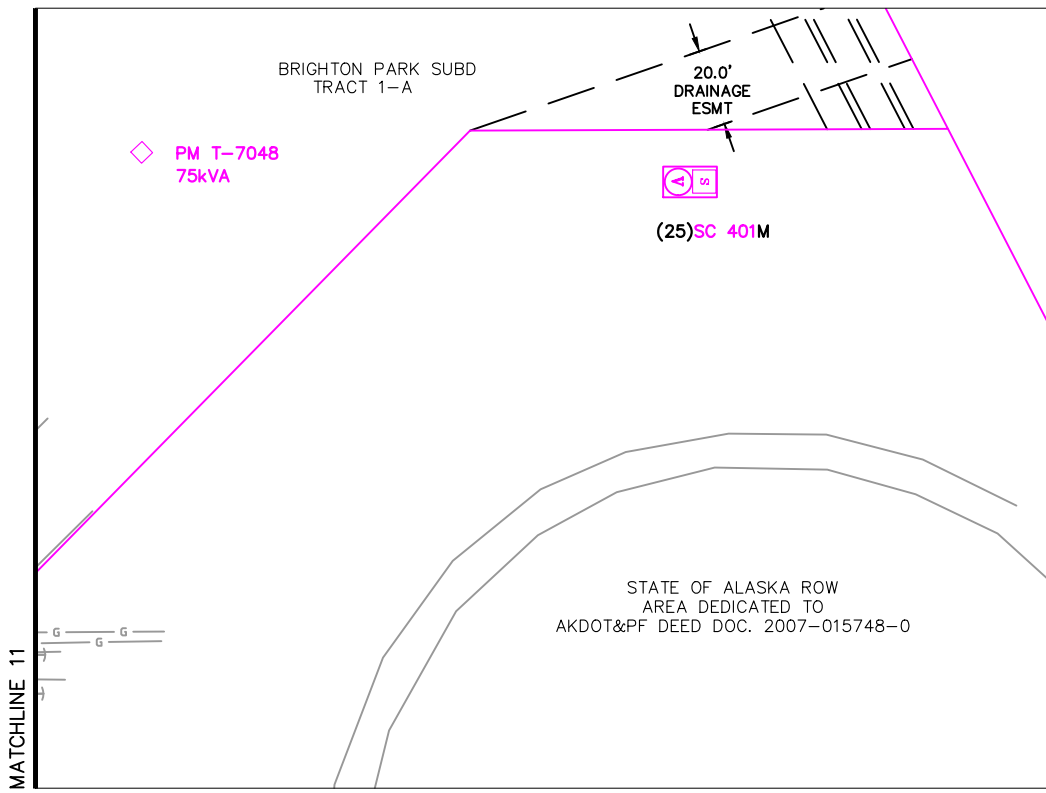
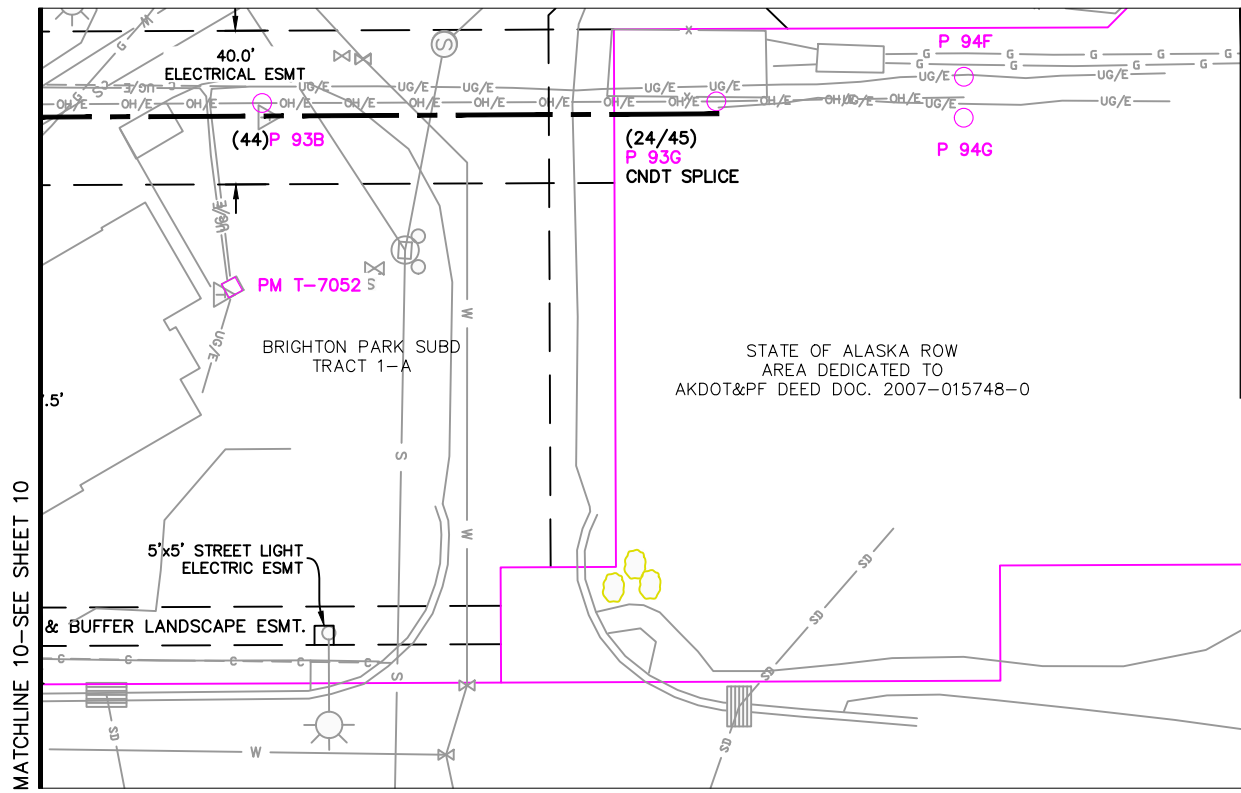
CONDUCTOR DATA

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

ELECTRICAL

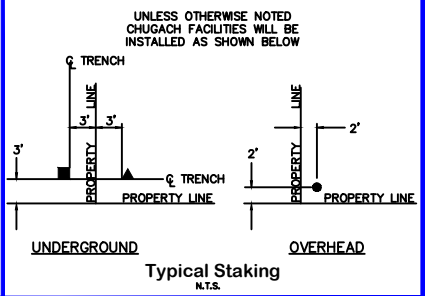


CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



ROW

PROJECT: 12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT

DESIGNER/PROJECT ENGINEER: M. ELLIOTT & V. KRIVONOSOV W.O. #: E2314215

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25	

ENG. STAMP

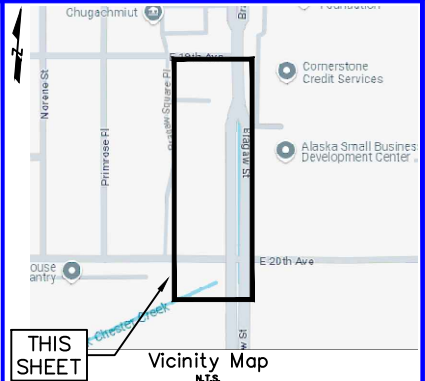
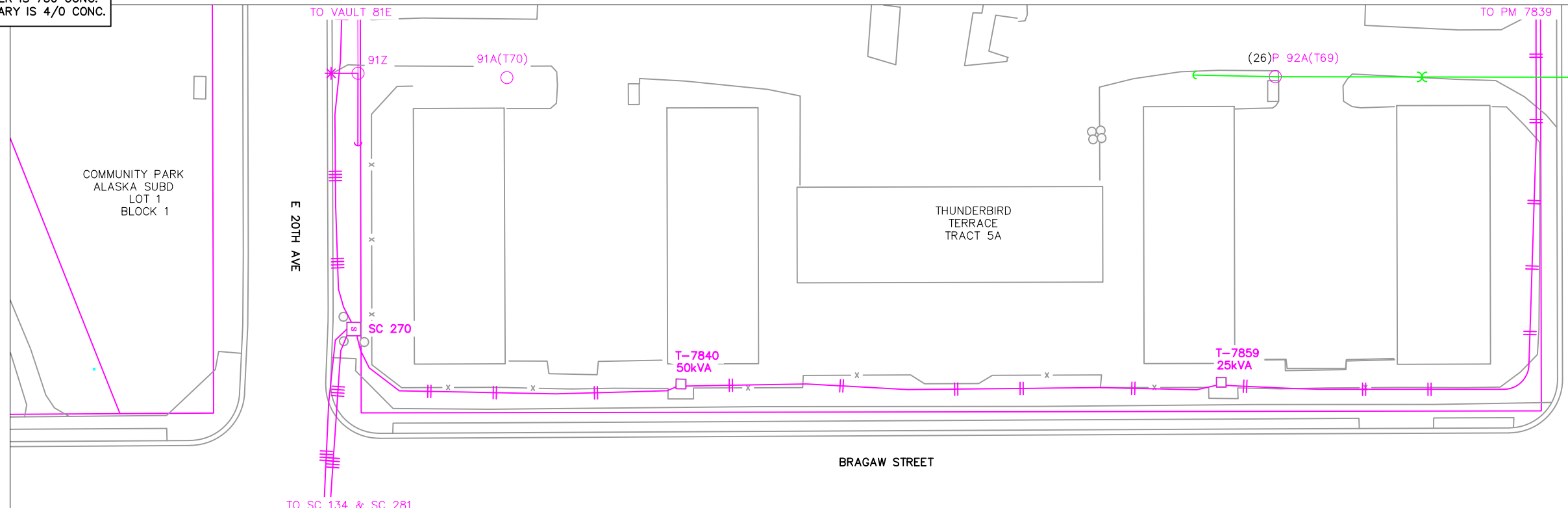


Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

DRAWING NAME:
**12.5kV DBSS TO ANCH SUB
 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT**
 GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
 FEEDER: S15F3, S15F7, S14F7, S14F6

W.O. NO.: E2314215
 C.W.P. REF. NO.: SHEET 11 OF 24

NOTES:
 -ALL 3Ø FEEDER IS 750 CONC.
 -ALL 3Ø PRIMARY IS 4/0 CONC.

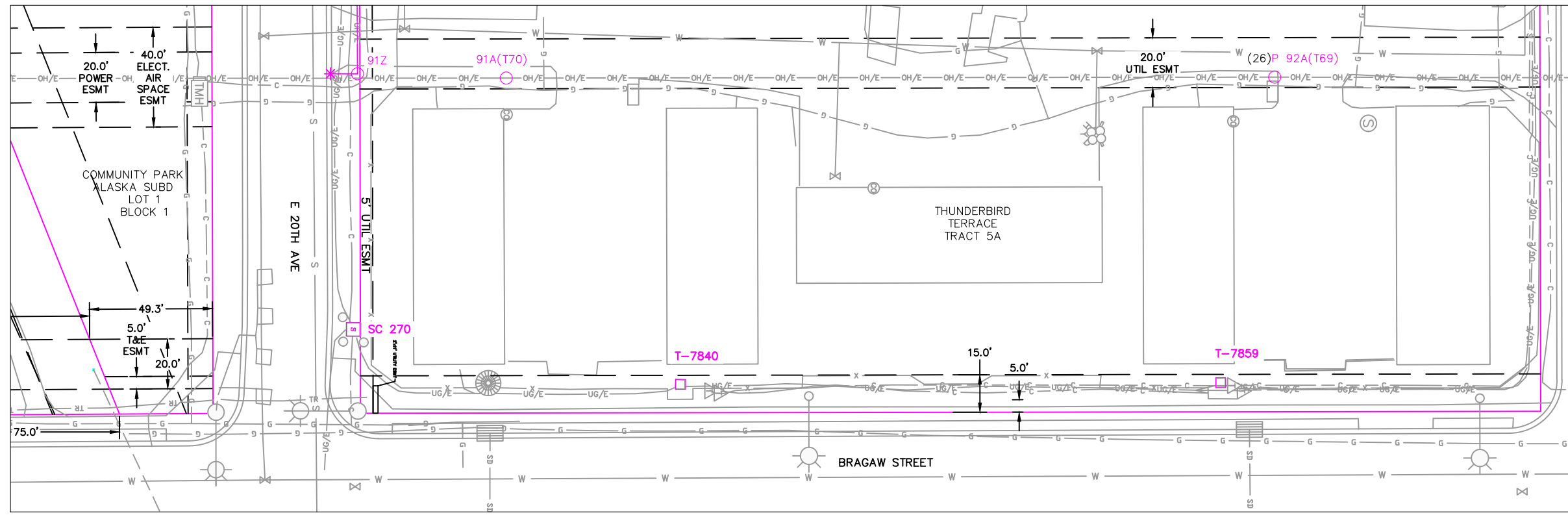


CONDUCTOR DATA

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
 KULIS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE STORM DRAINS & STREET LIGHTS..... 333-2411

ELECTRICAL

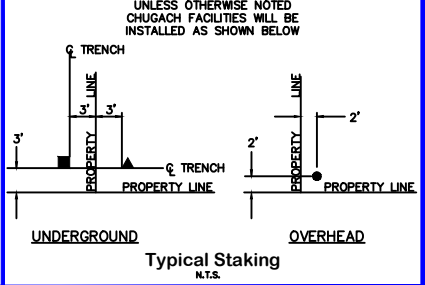


CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



ROW

PROJECT: **12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT**
 DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & V. KRIVONOSOV** W.O. #: **E2314215**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25	

ENG. STAMP

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

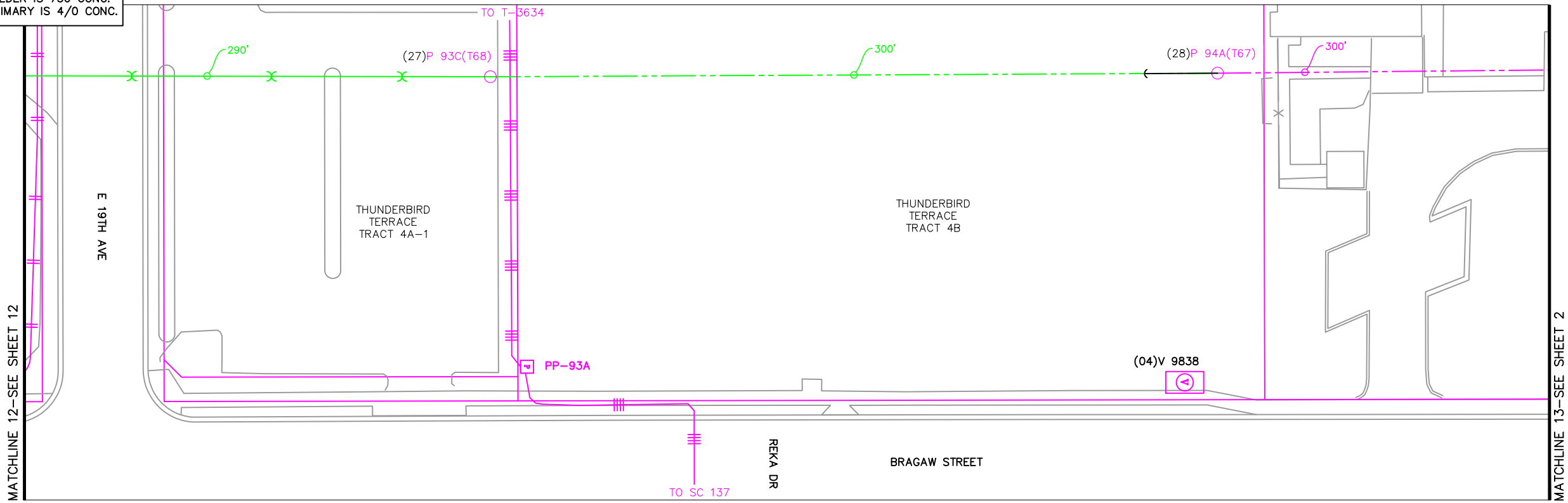
DRAWING NAME:
**12.5kV DBSS TO ANCH SUB
 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT**
 GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
 FEEDER: S15F3, S15F7, S14F7, S14F6

W.O. NO.:
E2314215

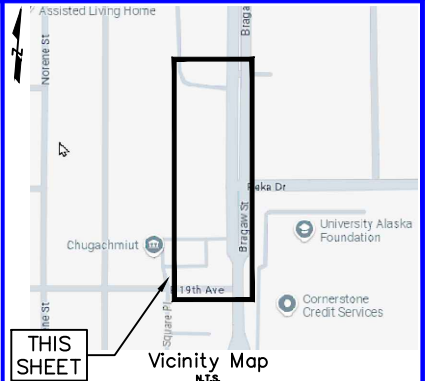
C.W.P. REF. NO.:
E2314215

SHEET **12** OF **24**

NOTES:
 -ALL 3Ø FEEDER IS 750 CONC.
 -ALL 3Ø PRIMARY IS 4/0 CONC.



ELECTRICAL



CONDUCTOR DATA

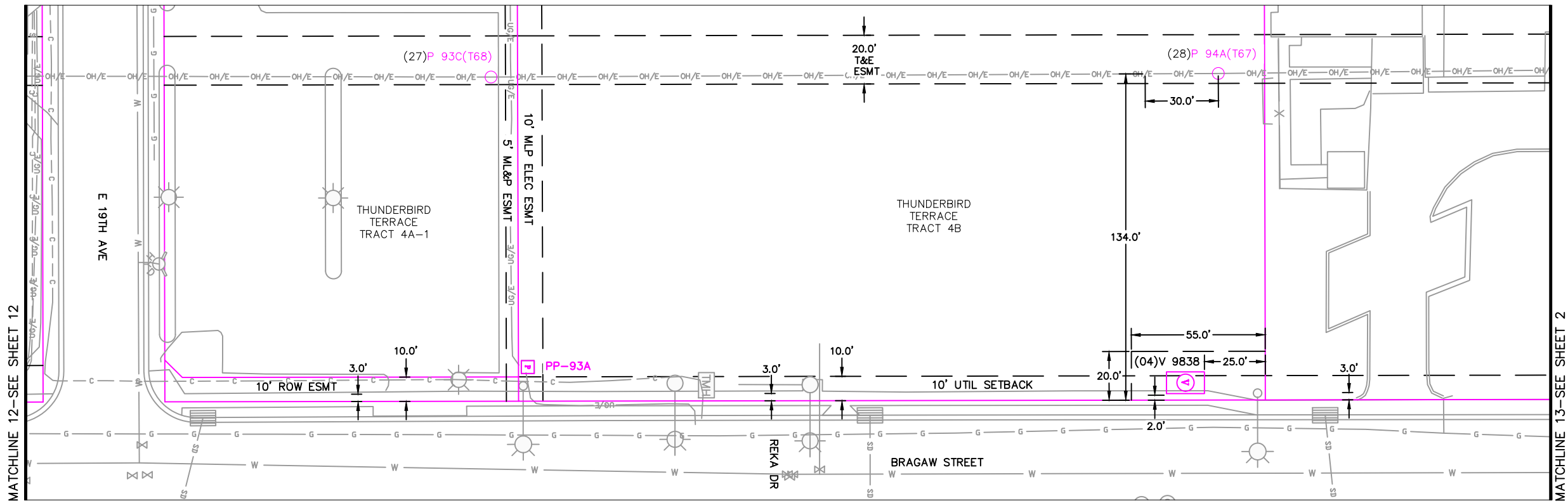
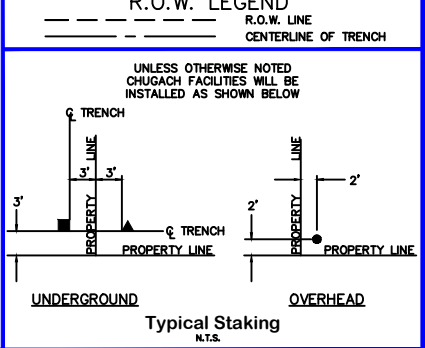
Manuf. _____	Manuf. _____
Manuf. Date _____	Manuf. Date _____
Volt Rating _____	Volt Rating _____
Insul. Type _____	Insul. Type _____
Insul. Size _____	Insul. Size _____
Cond. Size/Type _____	Cond. Size/Type _____
Quantity in Feet _____	Quantity in Feet _____

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
 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



ROW

PROJECT: 12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
 DESIGNER/PROJECT ENGINEER: M. ELLIOTT & V. KRIVONOSOV W.O. #: E2314215

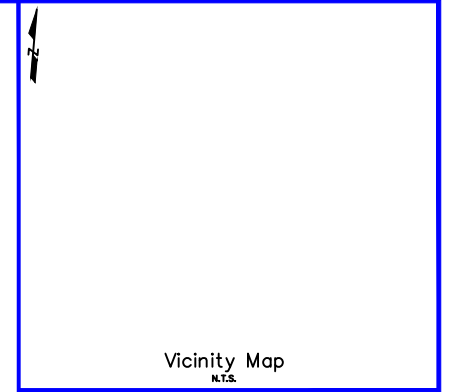
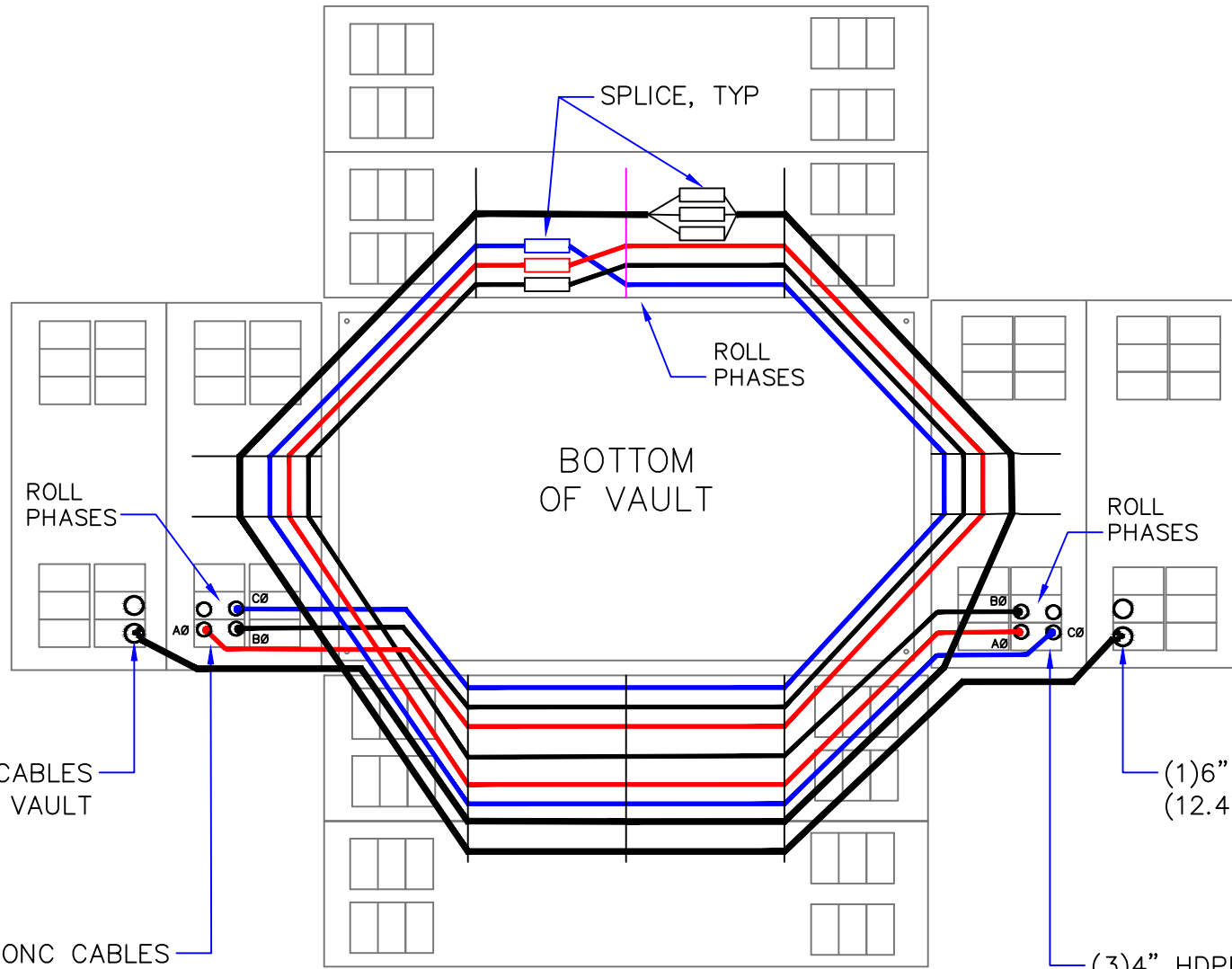
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25	

ENG. STAMP

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

DRAWING NAME:
**12.5kV DBSS TO ANCH SUB
 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT**
 GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
 FEEDER: S15F3, S15F7, S14F7, S14F6

W.O. NO.: E2314215
 C.W.P. REF. NO.: SHEET 13 OF 24



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 _____

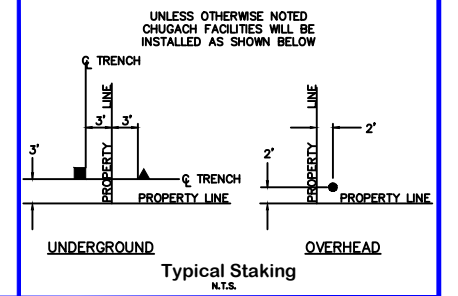
CALL BEFORE YOU DIG!

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



VAULT-TYPICAL

PROJECT: 12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT				
DESIGNER/PROJECT ENGINEER: M. ELLIOTT & V. KRIVONOSOV			W.O. #: E2314215	
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25	

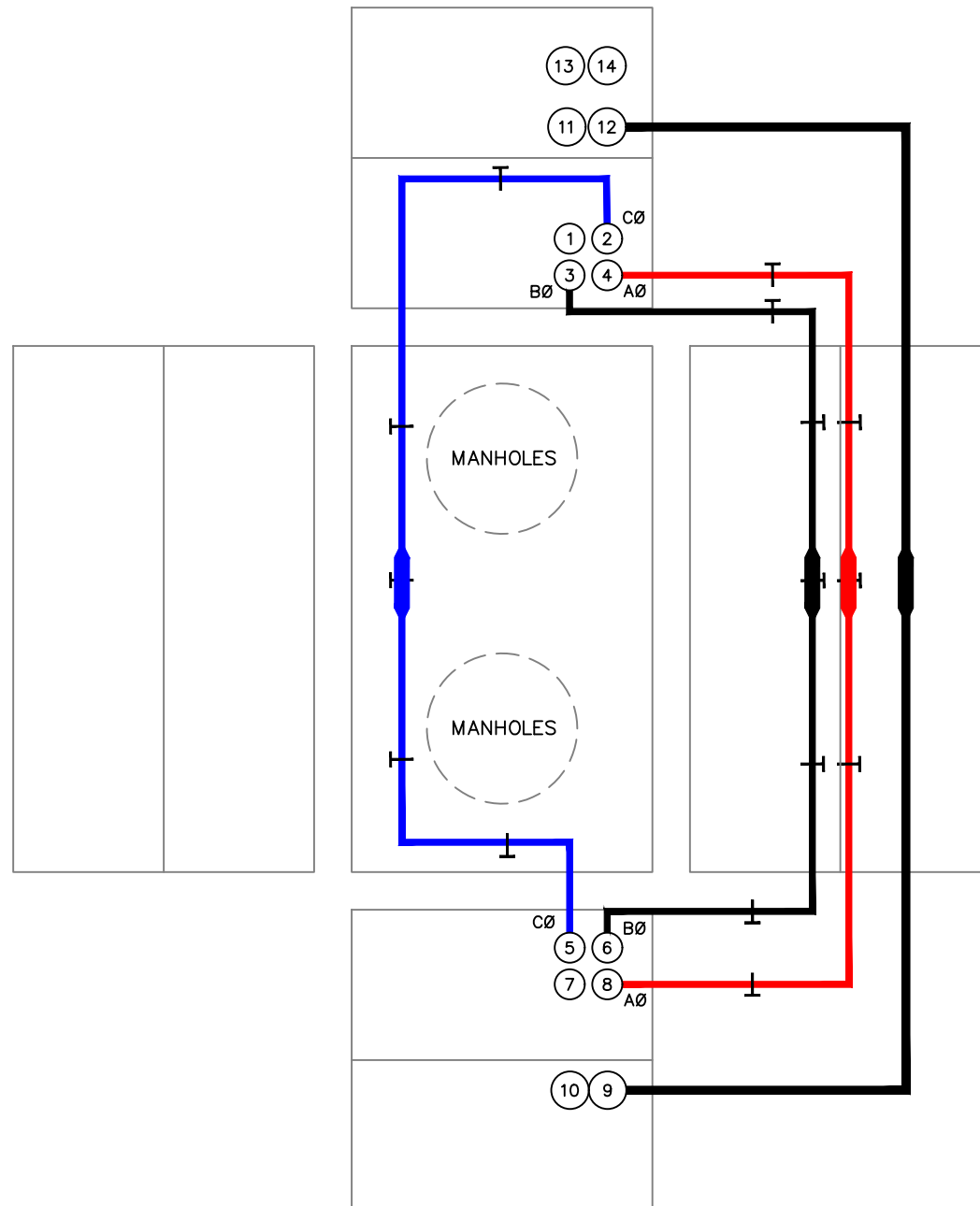
ENG. STAMP

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

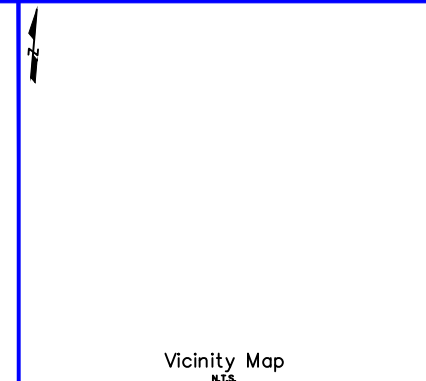
DRAWING NAME: 12.5kV DBSS TO ANCH SUB
3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
FEEDER: S15F3, S15F7, S14F7, S14F6

W.O. NO.: E2314215
C.W.P. REF. NO.: SHEET 14 OF 24

VAULT SIZE $\frac{14' \times 8' \times 8'}{\text{WIDTH LENGTH HEIGHT}}$



DUCT	SIZE	DESCRIPTION	SEQ
1	4"	VACANT TO VAULT 1335-9825	
2	4"	35kV 1000 CONC TO VAULT 1335-9825	
3	4"	35kV 1000 CONC TO VAULT 1335-9825	
4	4"	35kV 1000 CONC TO VAULT 1335-9825	
5	4"	35kV 1000 CONC TO VAULT 1435-9838	
6	4"	35kV 1000 CONC TO VAULT 1435-9838	
7	4"	VACANT TO VAULT 1435-9838	
8	4"	35kV 1000 CONC TO VAULT 1435-9838	
9	6"	15kV 750 CONC TO SC 1230, COMP. 1 THRU PP 9856	
10	6"	VACANT TO SC 1230 THRU UTILIWALK	
11	6"	VACANT TO SC 1234 THRU UTILIWALK	
12	6"	15kV 750 CONC TO SC 1234, COMP. 4 THRU UTILIWALK	
13	6"	VACANT TO VAULT 1335-9706	
14	6"	VACANT TO VAULT 1335-9706	
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			



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

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

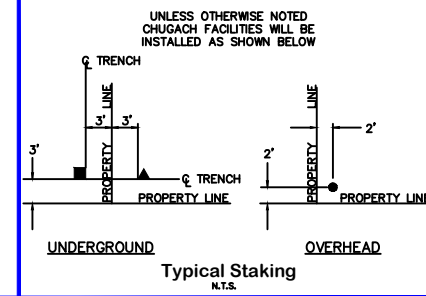
KULUS AIR BASE..... 249-1499

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



NOTES:

REV: 0
DATE: 11/02/24
BY: M. ELLIOTT

ACAD File Name: VAULT 1435-9891
1435-BRAGAW & DEBARR

VAULT DETAIL

PROJECT: 12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT			
DESIGNER/PROJECT ENGINEER: M. ELLIOTT & V. KRIVONOSOV		W.O. #: E2314215	
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25

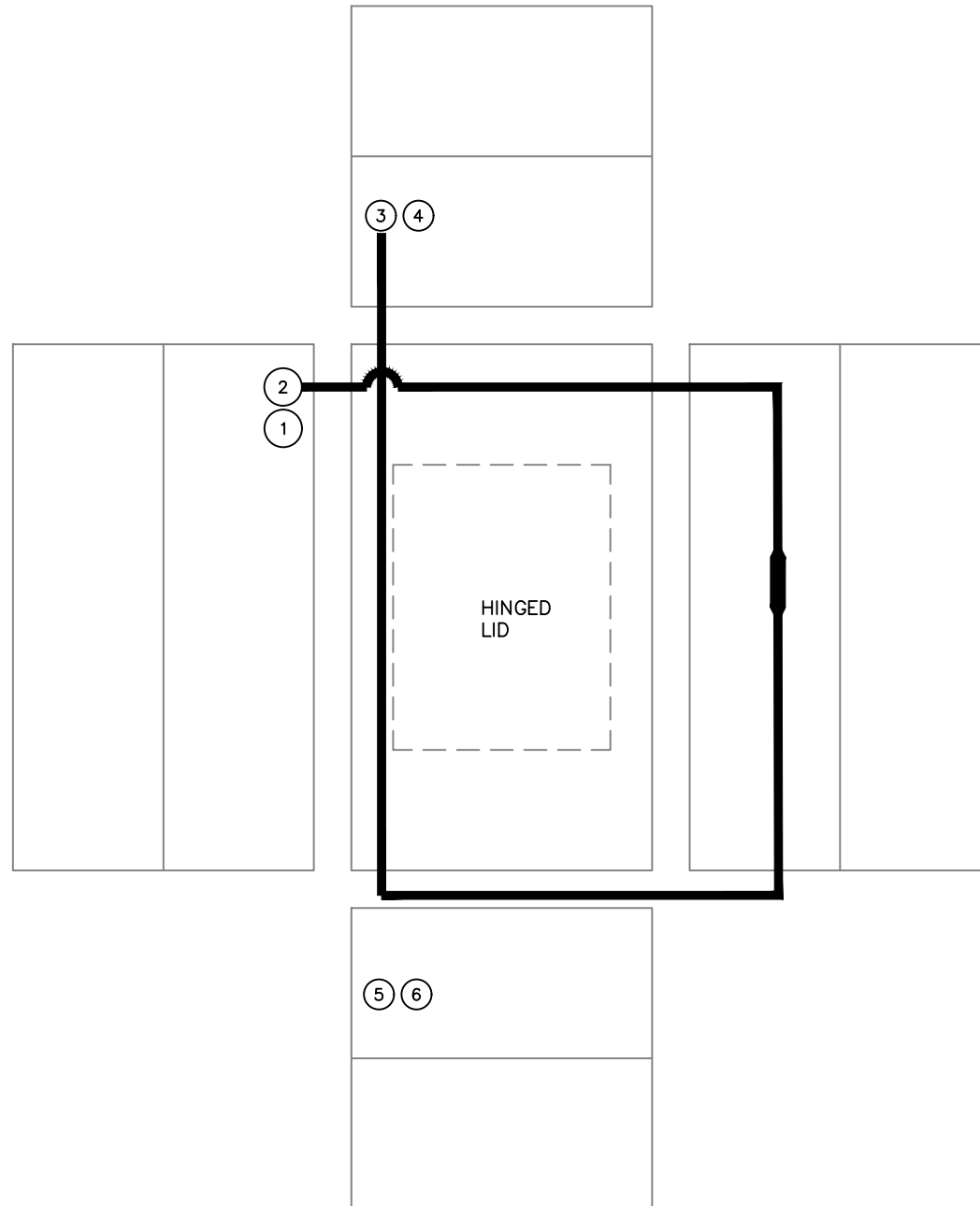
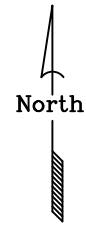
ENG. STAMP

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

DRAWING NAME: 12.5kV DBSS TO ANCH SUB
3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
FEEDER: S15F3, S15F7, S14F7, S14F6

W.O. NO.: E2314215
C.W.P. REF. NO.: SHEET 15 OF 24

VAULT SIZE $\frac{6' \times 7' \times 5'}{\text{WIDTH LENGTH HEIGHT}}$



DUCT	SIZE	DESCRIPTION	SEQ
1	6"	VACANT TO UTILIWALK	
2	6"	15KV 750 CONC TO SC 313M, COMP 2 THRU UTILIWALK	
3	6"	15KV 750 CONC TO SC 1231, COMP 2	
4	6"	VACANT TO SC 1231, COMP 2	
5	6"	VACANT TO VAULT 1435-9891	
6	6"	VACANT TO VAULT 1435-9891	
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			

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 _____

CALL BEFORE YOU DIG!

LOCATE CALL CENTER OF ALASKA (LCCA)

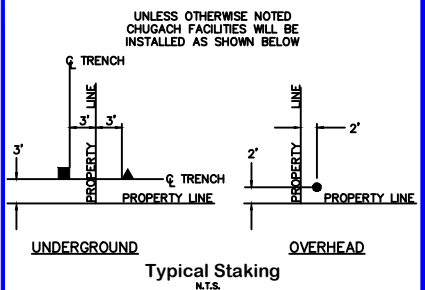
ANCHORAGE AREA.....	278-3121
STATEWIDE.....	800-478-3121
AT&T ALASCOM INC.....	264-8465
ALASKA RAILROAD UTILITIES.....	265-2457
ALASKA CABLE TV (GIRDWOOD).....	783-2982
KULIS AIR BASE.....	249-1499
MILITARY PETROLEUM FUEL LINES.....	552-2334 OR 552-5342
STATE STORM DRAINS & STREET LIGHTS.....	333-2411

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



NOTES:

REV: 0
DATE: 01/20/25
BY: M. ELLIOTT

ACAD File Name:

VAULT 1335-9706
1335-BRAGAW & DEBARR RD.

VAULT DETAIL

ENG. STAMP



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

DRAWING NAME:

12.5kV DBSS TO ANCH SUB
3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
FEEDER: S15F3, S15F7, S14F7, S14F6

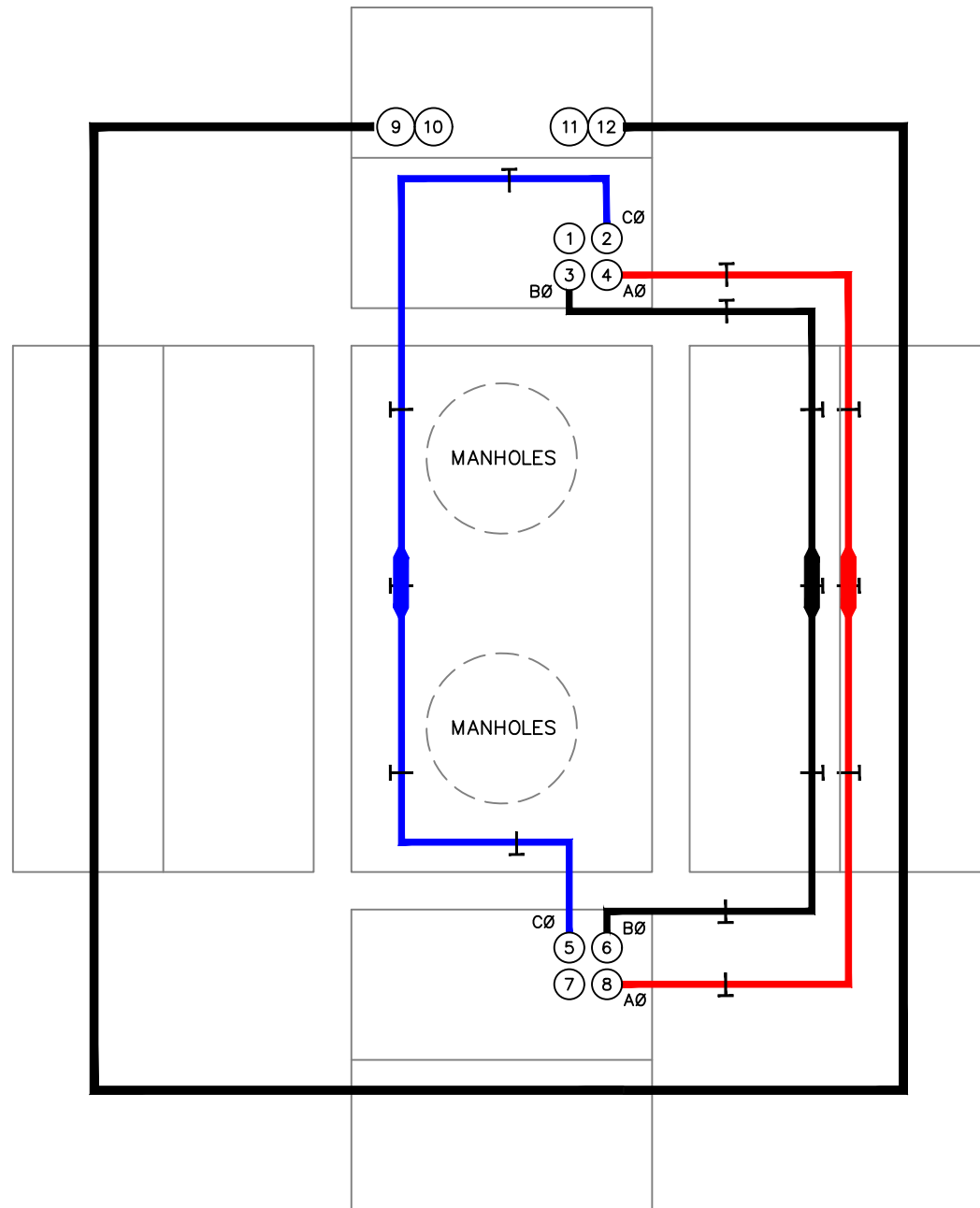
W.O. NO.:
C.W.P. REF. NO.:

E2314215

SHEET 16 OF 24

PROJECT: 12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT			
DESIGNER/PROJECT ENGINEER: M. ELLIOTT & V. KRIVONOSOV		W.O. #: E2314215	
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25

VAULT SIZE $\frac{14' \times 8' \times 8'}{\text{WIDTH LENGTH HEIGHT}}$



DUCT	SIZE	DESCRIPTION	SEQ
1	4"	VACANT TO VAULT 1335-9861	
2	4"	35kV 1000 CONC TO VAULT 1335-9861	
3	4"	35kV 1000 CONC TO VAULT 1335-9861	
4	4"	35kV 1000 CONC TO VAULT 1335-9861	
5	4"	35kV 1000 CONC TO VAULT 1435-9891	
6	4"	35kV 1000 CONC TO VAULT 1435-9891	
7	4"	VACANT TO VAULT 1435-9891	
8	4"	35kV 1000 CONC TO VAULT 1435-9891	
9	6"	15kV 750 CONC TO SC 1231, COMP. 1	
10	6"	VACANT TO SC 1231	
11	6"	VACANT TO VAULT 1335-9863	
12	6"	15kV 750 CONC TO SC 1233, COMP. 2 THRU VAULTS 1335-9863 & 1235-9801	
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			

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 _____

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

UNLESS OTHERWISE NOTED
CHUGACH FACILITIES WILL BE
INSTALLED AS SHOWN BELOW

Typical Staking
N.T.S.

NOTES:

REV: 0
DATE: 11/02/24
BY: M. ELLIOTT

ACAD File Name:

VAULT 1335-9825
1335-BRAGAW & SAN JERONIMO

VAULT DETAIL

PROJECT: 12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT			
DESIGNER/PROJECT ENGINEER: M. ELLIOTT & V. KRIVONOSOV		W.O. #: E2314215	
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25

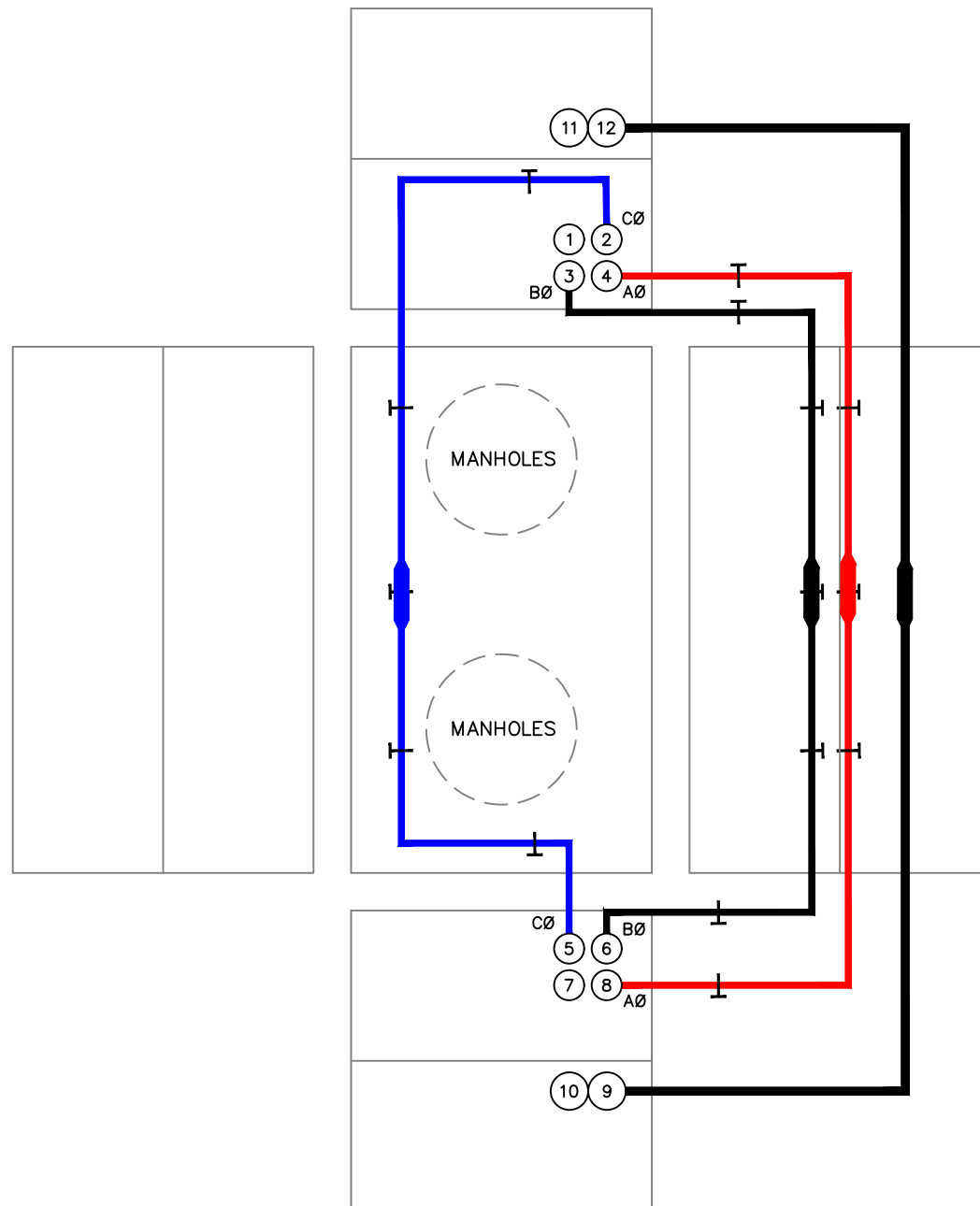
ENG. STAMP

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

DRAWING NAME: 12.5kV DBSS TO ANCH SUB
3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
FEEDER: S15F3, S15F7, S14F7, S14F6

W.O. NO.: E2314215
C.W.P. REF. NO.: SHEET 17 OF 24

VAULT SIZE $14' \times 8' \times 8'$
WIDTH LENGTH HEIGHT



DUCT	SIZE	DESCRIPTION	SEQ
1	4"	VACANT TO VAULT 1235-9801	
2	4"	35kV 1000 CONC TO VAULT 1235-9801	
3	4"	35kV 1000 CONC TO VAULT 1235-9801	
4	4"	35kV 1000 CONC TO VAULT 1235-9801	
5	4"	35kV 1000 CONC TO VAULT 1335-9825	
6	4"	35kV 1000 CONC TO VAULT 1335-9825	
7	4"	VACANT TO VAULT 1335-9825	
8	4"	35kV 1000 CONC TO VAULT 1335-9825	
9	6"	15kV 750 CONC TO SC 1231, COMP. 1 THRU VAULT 9825	
10	6"	VACANT TO VAULT 1335-9825	
11	6"	VACANT TO VAULT 1235-9801	
12	6"	15kV 750 CONC TO SC 1233, COMP. 2 THRU VAULT 1235-9801	
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			

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 _____

CALL BEFORE YOU DIG!

LOCATE CALL CENTER OF ALASKA (LCCA)

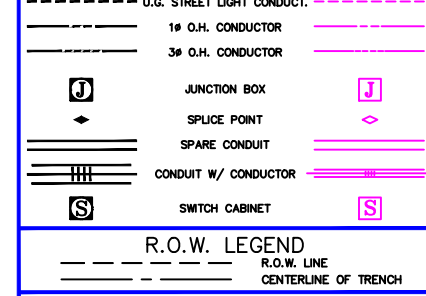
ANCHORAGE AREA.....	278-3121
STATEWIDE.....	800-478-3121
AT&T ALASCOM INC.....	264-8465
ALASKA RAILROAD UTILITIES.....	265-2457
ALASKA CABLE TV (GIRDWOOD).....	783-2982
KULUS AIR BASE.....	249-1499
MILITARY PETROLEUM FUEL LINES.....	552-2334 OR 552-5342
STATE STORM DRAINS & STREET LIGHTS.....	333-2411

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



NOTES:

REV: 0
DATE: 11/02/24
BY: M. ELLIOTT

ACAD File Name: VAULT 1335-9863
1335-BRAGAW & 9TH AVENUE

VAULT DETAIL

PROJECT: 12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT

DESIGNER/PROJECT ENGINEER: M. ELLIOTT & V. KRIVONOSOV W.O. #: E2314215

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25	

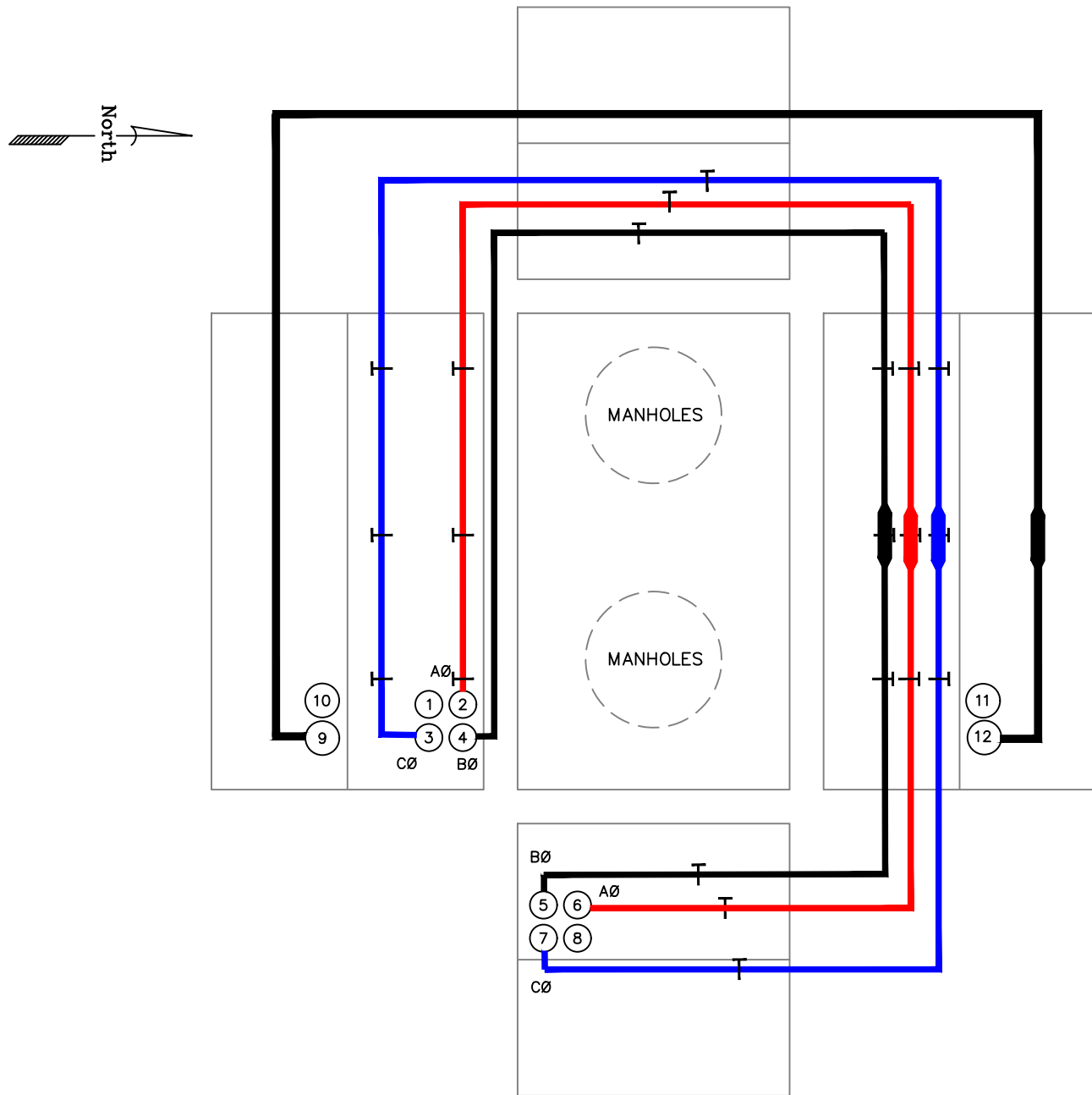
ENG. STAMP

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

DRAWING NAME: 12.5kV DBSS TO ANCH SUB
3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
FEEDER: S15F3, S15F7, S14F7, S14F6

W.O. NO.: E2314215
C.W.P. REF. NO.: SHEET 18 OF 24

VAULT SIZE $\frac{14' \times 8' \times 8'}{\text{WIDTH LENGTH HEIGHT}}$



DUCT	SIZE	DESCRIPTION	SEQ
1	4"	VACANT TO VAULT 1335-9863	
2	4"	35kV 1000 CONC TO VAULT 1335-9863	
3	4"	35kV 1000 CONC TO VAULT 1335-9863	
4	4"	35kV 1000 CONC TO VAULT 1335-9863	
5	4"	35kV 1000 CONC TO POLE 9999 (99C)	
6	4"	35kV 1000 CONC TO POLE 9999 (99C)	
7	4"	35kV 1000 CONC TO POLE 9999 (99C)	
8	4"	VACANT TO POLE 9999 (99C)	
9	6"	15kV 750 CONC TO SC 1231, COMP. 1 THRU VAULTS 1335-9863 & 1335-9825	
10	6"	VACANT TO VAULT 1335-9863	
11	6"	VACANT TO SC 1233	
12	6"	15kV 750 CONC TO SC 1233, COMP. 2	
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			

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 _____

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

UNLESS OTHERWISE NOTED
CHUGACH FACILITIES WILL BE
INSTALLED AS SHOWN BELOW

Typical Staking
N.T.S.

NOTES:

REV: 0
DATE: 11/02/24
BY: M. ELLIOTT

ACAD File Name:

VAULT 1235-9801
1235-BRAGAW & 6TH AVENUE

VAULT DETAIL

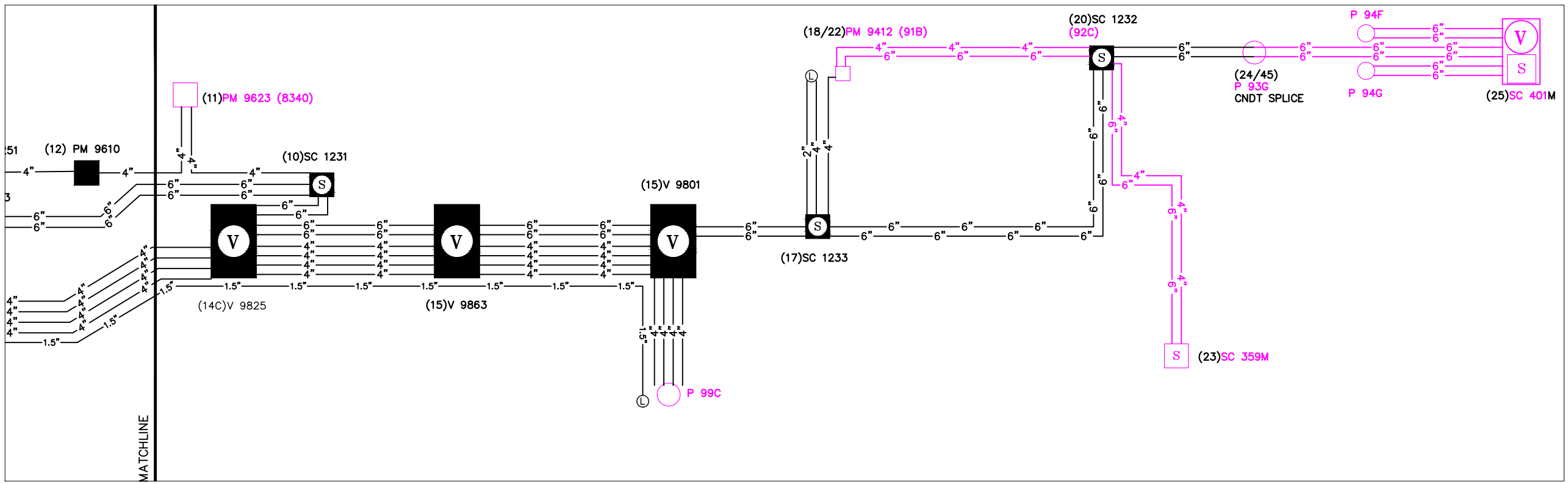
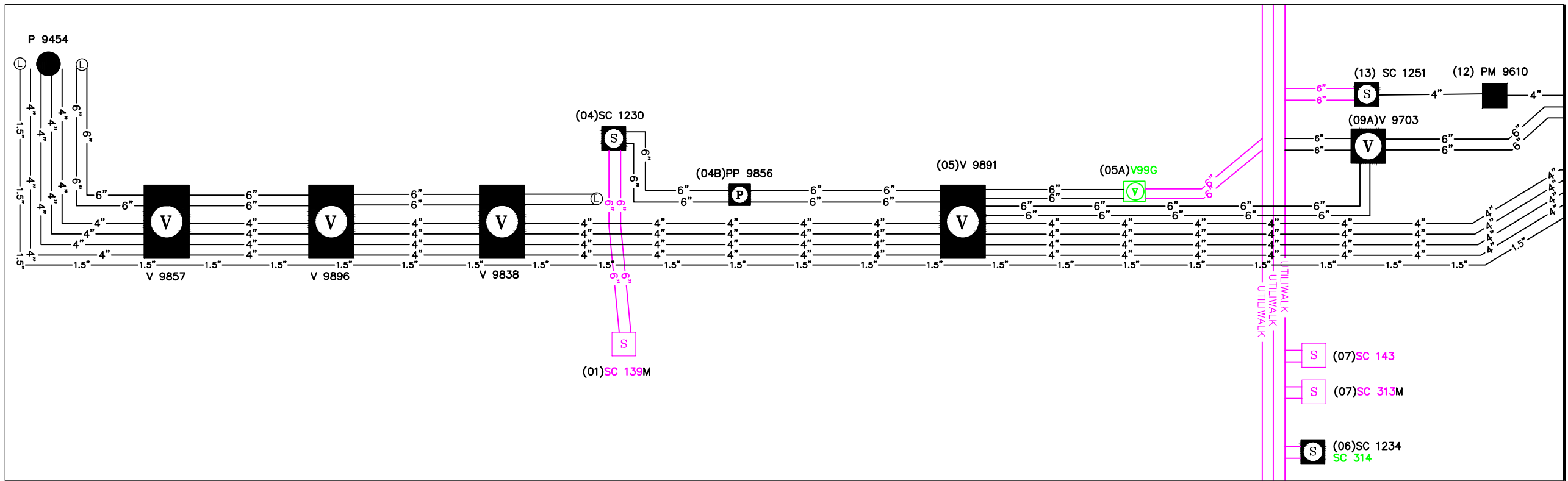
PROJECT: 12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT			
DESIGNER/PROJECT ENGINEER: M. ELLIOTT & V. KRIVONOSOV		W.O. #: E2314215	
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25

ENG. STAMP

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

DRAWING NAME: 12.5kV DBSS TO ANCH SUB
3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
FEEDER: S15F3, S15F7, S14F7, S14F6

W.O. NO.: E2314215
C.W.P. REF. NO.: SHEET 19 OF 24



CONDUIT SCHEDULE

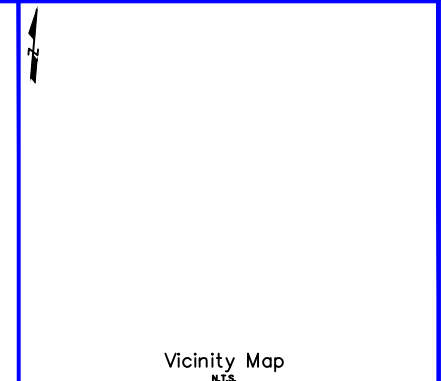
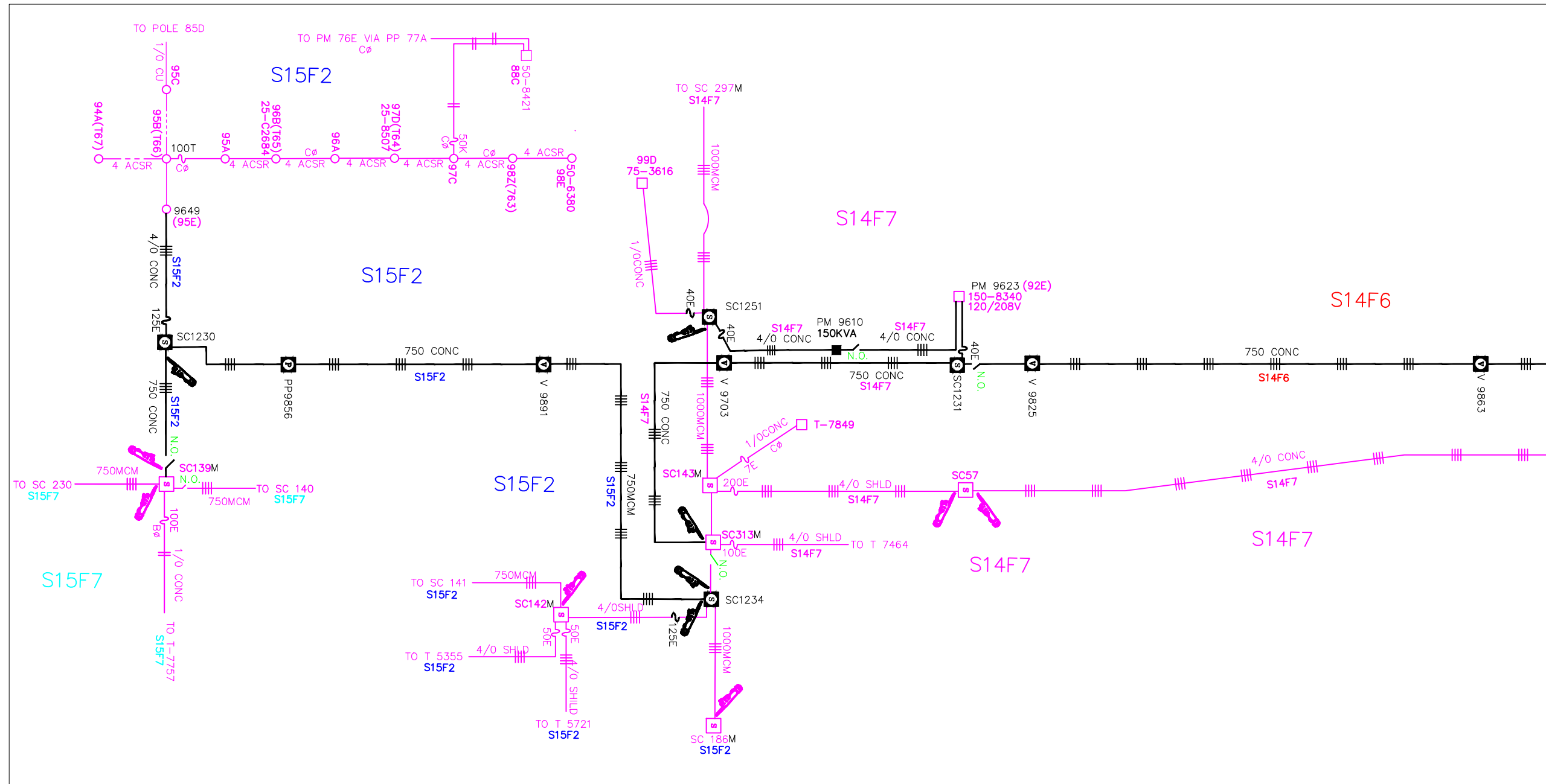
PROJECT: 12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT				
DESIGNER/PROJECT ENGINEER: M. ELLIOTT & V. KRIVONOSOV				
W.O. #: E2314215				
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25	

ENG. STAMP

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

DRAWING NAME:
12.5kV DBSS TO ANCH SUB
3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
FEEDER: S15F3, S15F7, S14F7, S14F6

W.O. NO.: E2314215
C.W.P. REF. NO.: SHEET 20 OF 24



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

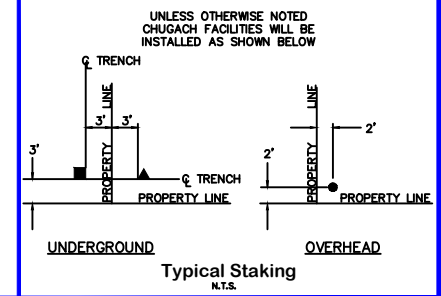
STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



NEW PRIMARY CIRCUIT DIAGRAM

PROJECT: **12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & V. KRIVONOSOV** W.O. #: **E2314215**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25	

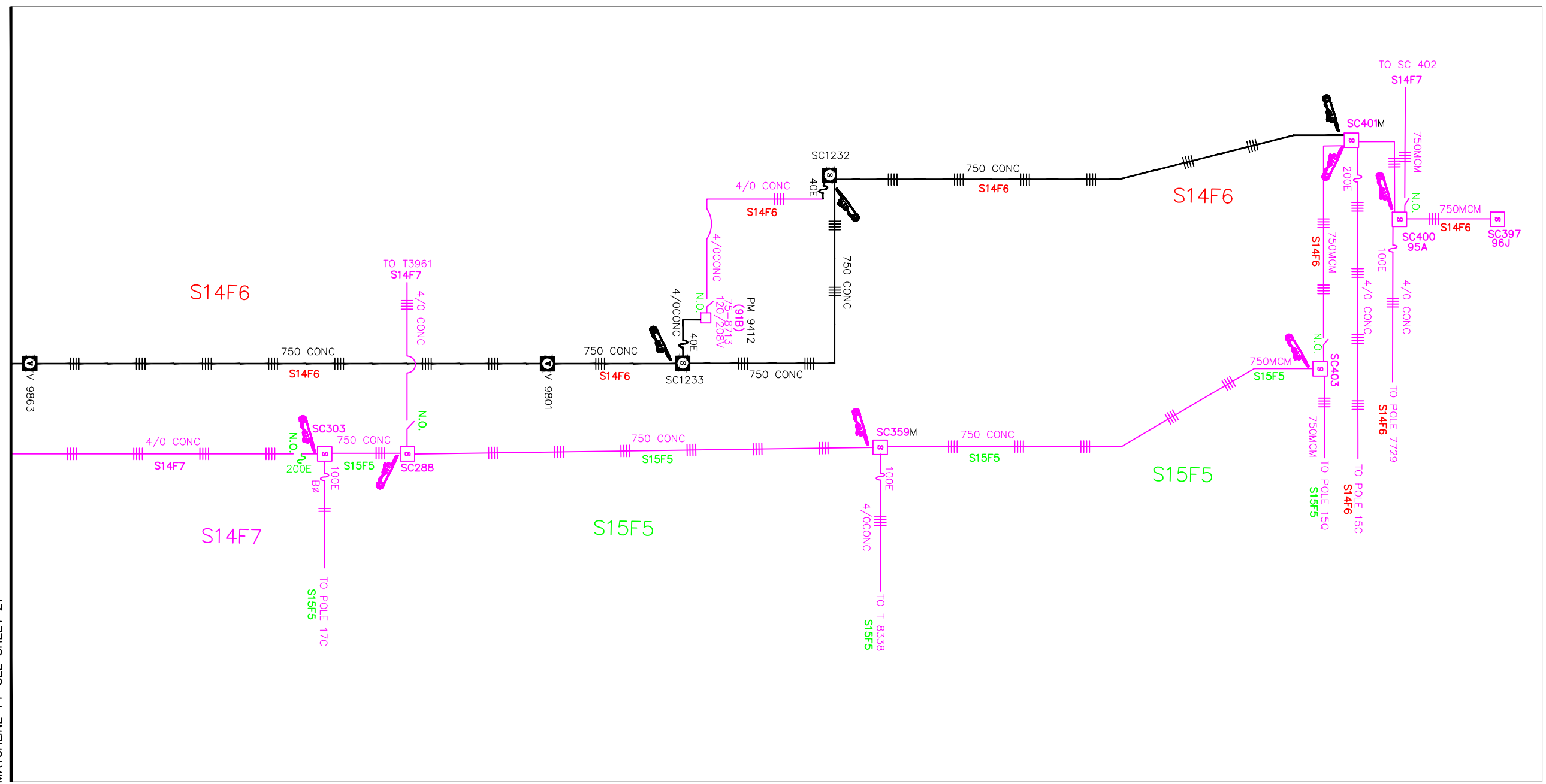
ENG. STAMP

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

DRAWING NAME: **12.5kV DBSS TO ANCH SUB**
3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
FEEDER: S15F3, S15F7, S14F7, S14F6

W.O. NO.: **E2314215**
C.W.P. REF. NO.: **E2314215**

SHEET **21** OF **24**



MATCHLINE 14-SEE SHEET 21

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!

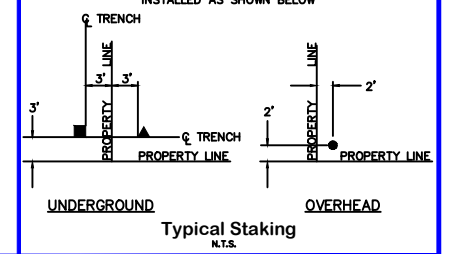
LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALYESKA CABLE TV (GIRDWOOD)..... 783-2982
 KULIS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE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

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

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



NEW PRIMARY CIRCUIT DIAGRAM

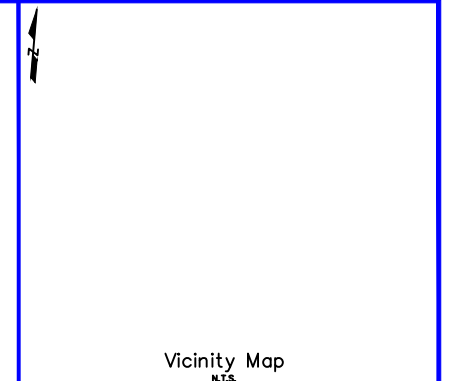
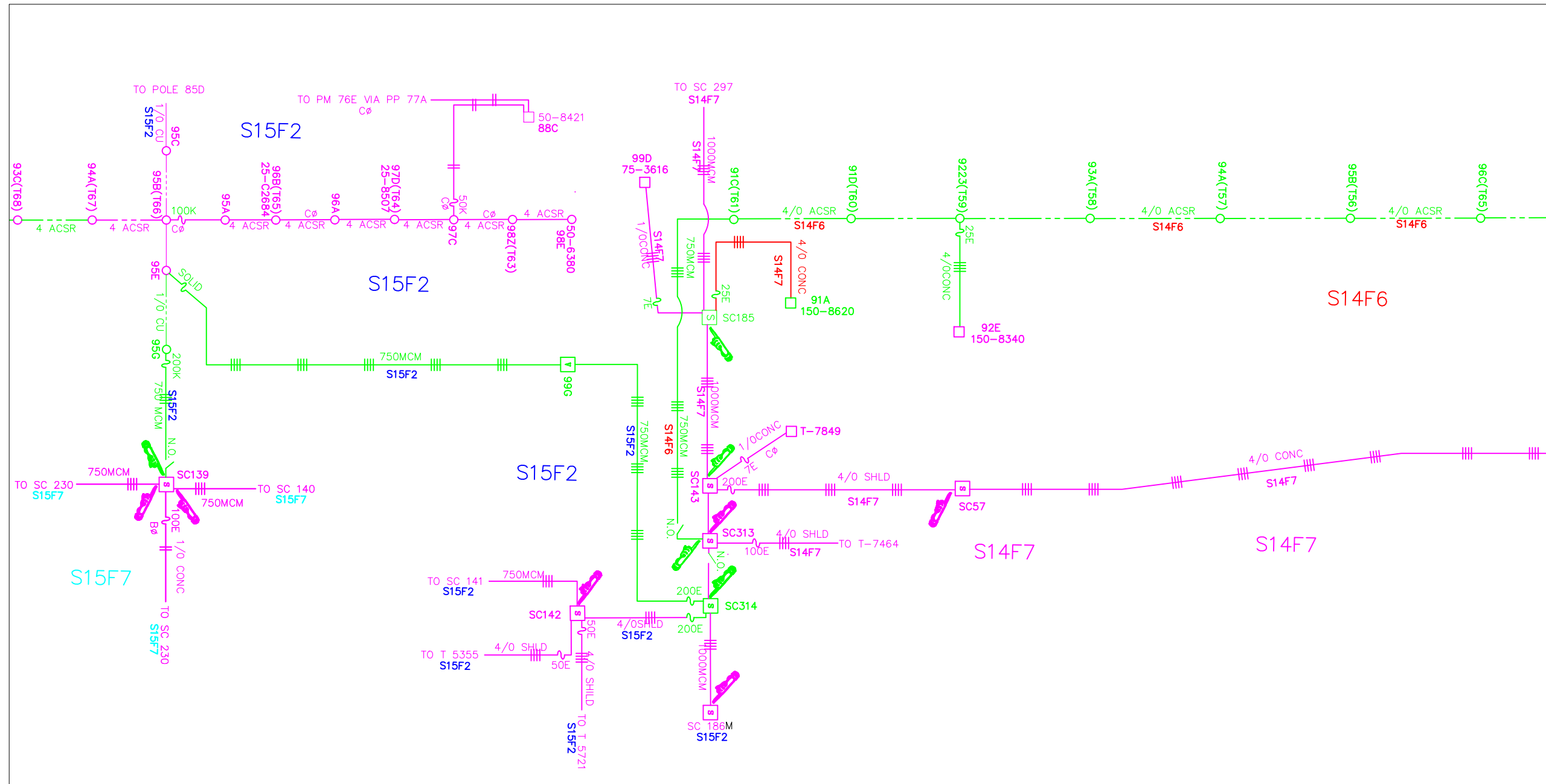
PROJECT: 12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT				
DESIGNER/PROJECT ENGINEER: M. ELLIOTT & V. KRIVONOSOV W.O. #: E2314215				
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25	

ENG. STAMP

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

DRAWING NAME: 12.5kV DBSS TO ANCH SUB
 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
 FEEDER: S15F3, S15F7, S14F7, S14F6

W.O. NO.: E2314215
 C.W.P. REF. NO.: SHEET 22 OF 24



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

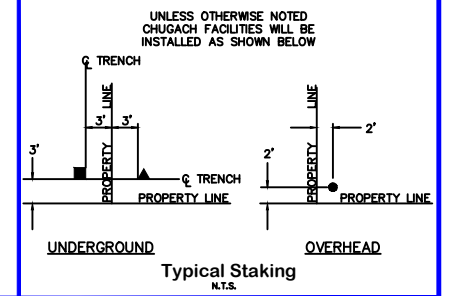
STATE STORM DRAINS & STREET LIGHTS..... 333-2411

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

	R.O.W. LINE
	CENTERLINE OF TRENCH



EXISTING PRIMARY CIRCUIT DIAGRAM

PROJECT: **12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT**

DESIGNER/PROJECT ENGINEER: **M. ELLIOTT & V. KRIVONOSOV** W.O. #: **E2314215**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25	

ENG. STAMP

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

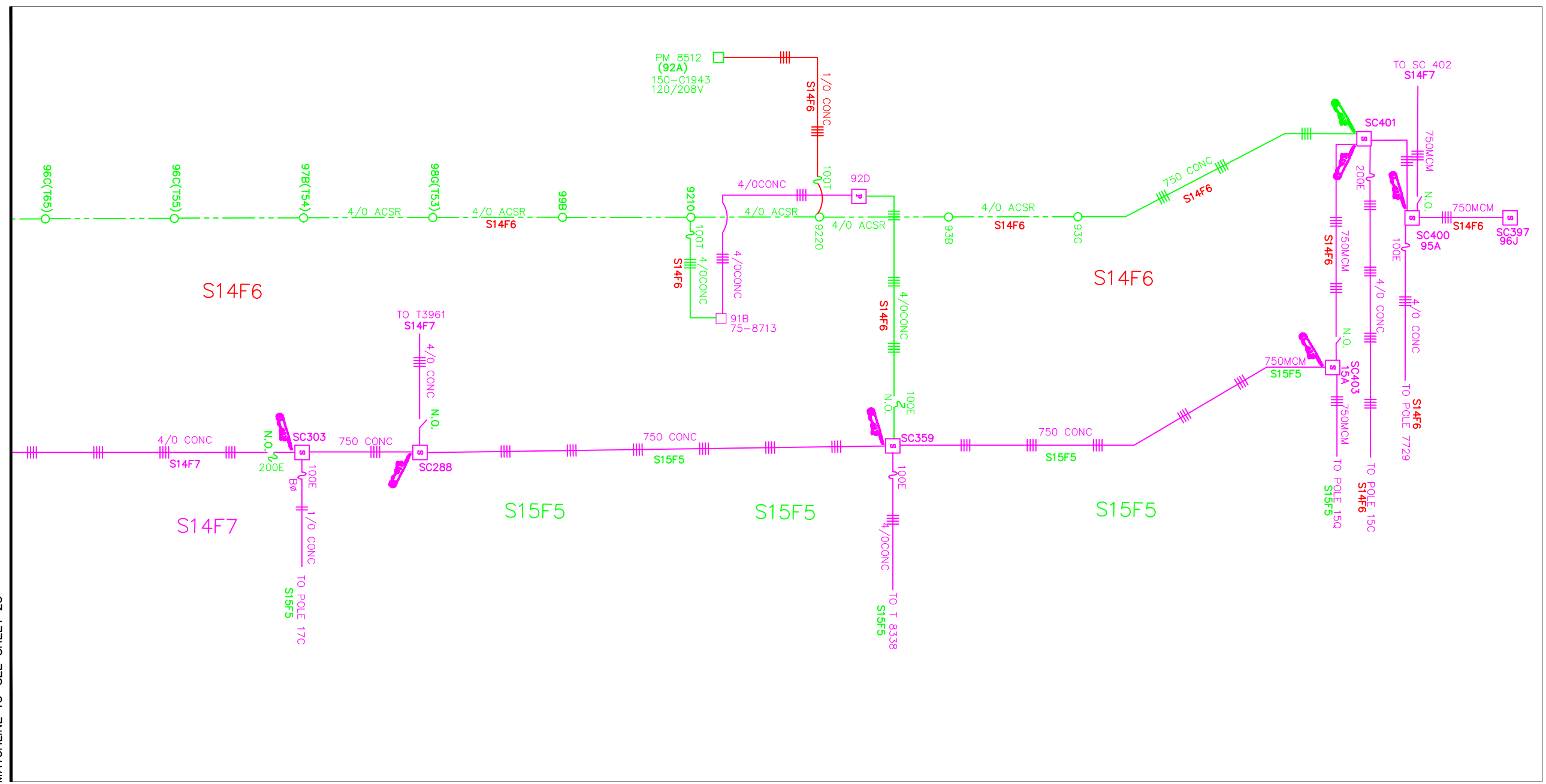
DRAWING NAME: **12.5kV DBSS TO ANCH SUB
3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT**

GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
FEEDER: S15F3, S15F7, S14F7, S14F6

W.O. NO.: **E2314215**

C.W.P. REF. NO.: **E2314215**

SHEET **23** OF **24**



MATCHLINE 15-SEE SHEET 23

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!

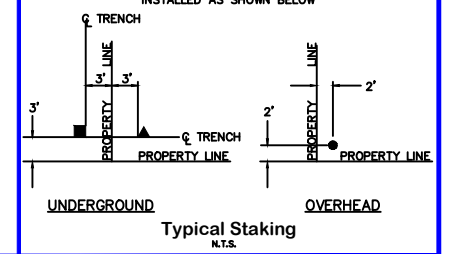
LOCATE CALL CENTER OF ALASKA (LCCA)
 ANCHORAGE AREA..... 278-3121
 STATEWIDE..... 800-478-3121
 AT&T ALASCOM INC..... 264-8465
 ALASKA RAILROAD UTILITIES..... 265-2457
 ALASKA CABLE TV (GIRDWOOD)..... 783-2982
 KULIS AIR BASE..... 249-1499
 MILITARY PETROLEUM FUEL LINES..... 552-2334
 OR 552-5342
 STATE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

CONSTRUCTION LEGEND

NEW	EXISTING

R.O.W. LEGEND

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



EXISTING PRIMARY CIRCUIT DIAGRAM

PROJECT: 12.5kV DBSS TO ANCH SUB - 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT			
DESIGNER/PROJECT ENGINEER: M. ELLIOTT & V. KRIVONOSOV		W.O. #: E2314215	
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/12/25	3/18/25

ENG. STAMP

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

DRAWING NAME: 12.5kV DBSS TO ANCH SUB
 3Ø O.H./U.G. PRIMARY SYSTEM IMPROVEMENT
 GRIDS: 1235,1335,1435,1535 MAPS: 1303-16A&D, 1303-21A&D
 FEEDER: S15F3, S15F7, S14F7, S14F6

W.O. NO.: E2314215
 C.W.P. REF. NO.: SHEET 24 OF 24