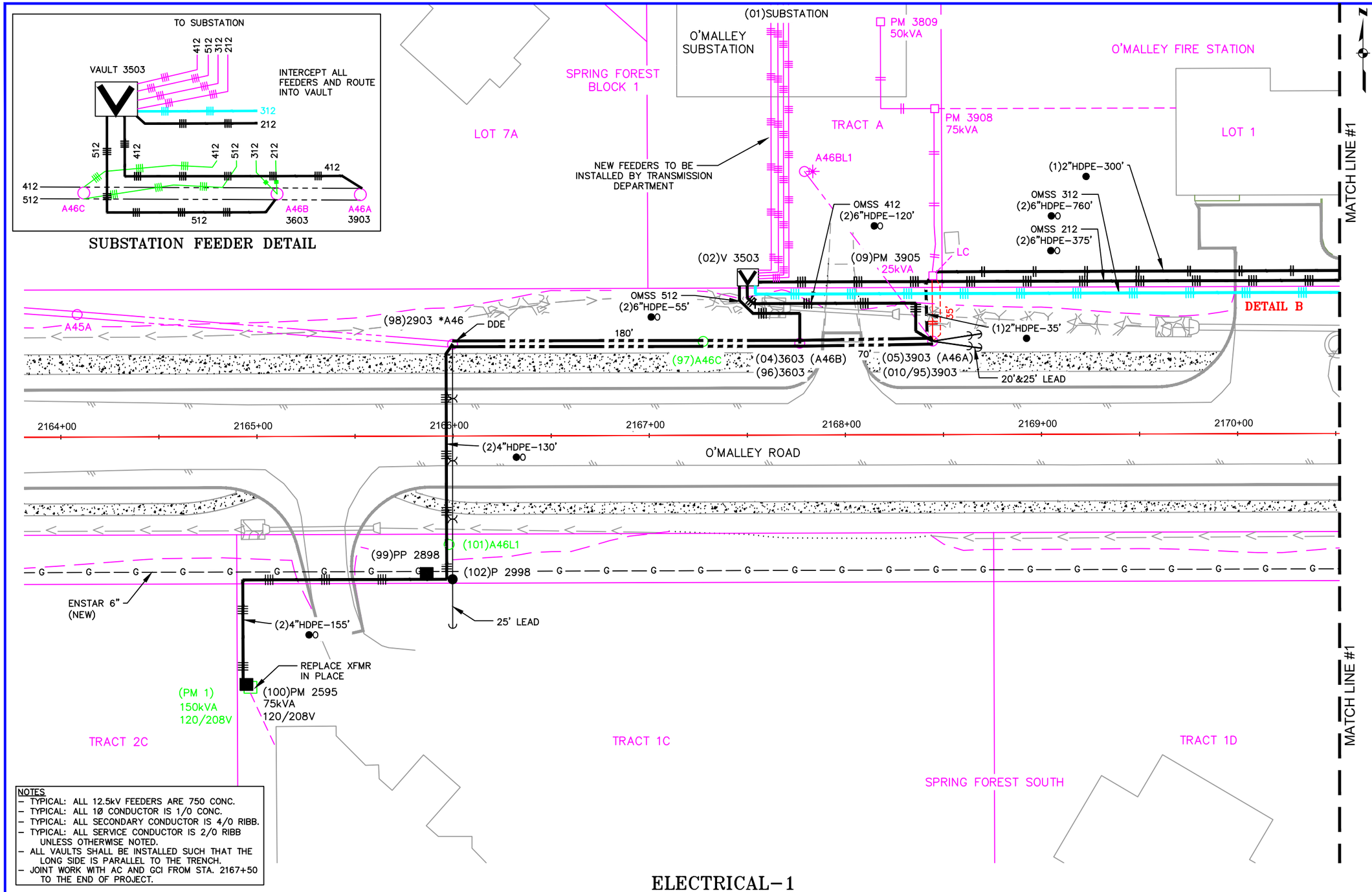
SUBSTATION FEEDER DETAIL



NOTES
- TYPICAL: ALL 12.5kV FEEDERS ARE 750 CONC.
- TYPICAL: ALL 1Ø CONDUCTOR IS 1/0 CONC.
- TYPICAL: ALL SECONDARY CONDUCTOR IS 4/0 RIBB.
- TYPICAL: ALL SERVICE CONDUCTOR IS 2/0 RIBB UNLESS OTHERWISE NOTED.
- ALL VAULTS SHALL BE INSTALLED SUCH THAT THE LONG SIDE IS PARALLEL TO THE TRENCH.
- JOINT WORK WITH AC AND GCI FROM STA. 2167+50 TO THE END OF PROJECT.

ELECTRICAL-1

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

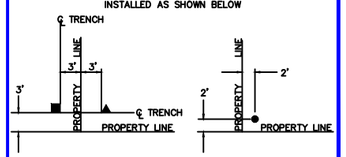
CONSTRUCTION LEGEND

NEW	EXISTING	
		PADMOUNT TRANSFORMER
		PEDESTAL
		POWER POLE
		STREET LIGHT
		WARNING POST
		1ø U.G. PRI. CONDUCTOR
		3ø U.G. PRI. CONDUCTOR
		U.G. SECONDARY CONDUCT.
		U.G. STREET LIGHT CONDUCT.
		1ø O.H. CONDUCTOR
		3ø O.H. CONDUCTOR
J	J	JUNCTION BOX
		SPLICE POINT
		SPARE CONDUIT
		CONDUIT W/ CONDUCTOR
S	S	SWITCH CABINET

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: STATE OF ALASKA - O'MALLEY ROAD - 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	3/25/21	

ENG. STAMP

CHUGACH POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA - O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
ELECTRICAL

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 43 OF 93

TO (08) PM 1 TO PM 5018

TO PM 6815

MATCH LINE #1

MATCH LINE #2

VALLI VUE ESTATES #2
BLOCK 2

LOT 11

LOT 12

LOT 13

LOT 14

OMSS 212
(2)6"HDPE–15'
●O

PMH11

(06)SC 1140

PMH9

(07)SC 1141

(1)2"HDPE–165'
●

(16/88)PM 5603
25kVA

OMSS 212
(2)6"HDPE–395'
●O

OMSS 312
(2)6"HDPE–760'
●O

(03/21)V 6403

OMSS 312
(2)6"HDPE–100'
●O

OMSS 212
(2)6"HDPE–100'
●O

(17)SC 1143

PED 6707

(2)2"HDPE–345'
●O

(20)PM 6803
25kVA
120/240V

DETAIL B

DETAIL A

DETAIL D

40'

40'

40'

60'

70'

OMSS 212
(2)6"HDPE–25'
●O

PMH9

(86)PM 6605
25kVA

(91)A47

(90)A47B

(87)5604

(84)6504

2171+00

2172+00

2173+00

2174+00

2175+00

2176+00

10'-00

O'MALLEY ROAD

(2)2"HDPE–300'
●O

(2)2"HDPE–230'
●O

DETAIL J

(93)ST LT #5

(89)SP LOT 2

(85)6596

(14A)ST LT #1

ENSTAR 6"
(NEW)

(18)PM 6098
25kVA
120/240V

(19)PM 6698
25kVA
120/240V

(1)2"HDPE–90'
●

(2)2"HDPE–125'
●O

(92)R1
25kVA

11+00

12+00

ROCKRIDGE DRIVE

(1)2"HDPE–155'
●

(18A)LOT 2

LOT 1

LOT 2

LOT 3

LOT 4

OMSS 212
(2)6"HDPE–480'
(4/0 CONC)
●O

(1)1.5"HDPE–240'
●

SOUTH LAKEWOOD HILLS
BLOCK 1

(19A)LOT 3

MATCH LINE #A - SEE SHEET 51

ELECTRICAL–2

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

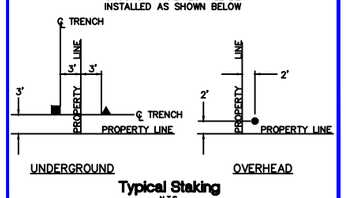
CONSTRUCTION LEGEND

NEW		EXISTING
■	PADMOUNT TRANSFORMER	■
▲	PEDESTAL	△
●	POWER POLE	○
●─*	STREET LIGHT	○─*
■	WARNING POST	□
═══	1Ø U.G. PRI. CONDUCTOR	═══
═══	3Ø U.G. PRI. CONDUCTOR	═══
- - -	U.G. SECONDARY CONDUCT.	- - -
- - -	U.G. STREET LIGHT CONDUCT.	- - -
———	1Ø O.H. CONDUCTOR	———
———	3Ø O.H. CONDUCTOR	———
J	JUNCTION BOX	J
◆	SPLICE POINT	◇
═══	SPARE CONDUIT	═══
═══	CONDUIT W/ CONDUCTOR	═══
S	SWITCH CABINET	S

R.O.W. LEGEND

R.O.W. LINE
CENTERLINE OF TRENCH

UNLESS OTHERWISE NOTED
CHUGACH FACILITIES WILL BE
INSTALLED AS SHOWN BELOW



UNDERGROUND OVERHEAD

Typical Staking
N.T.S.

PROJECT: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Mills 3/25/21	

ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE

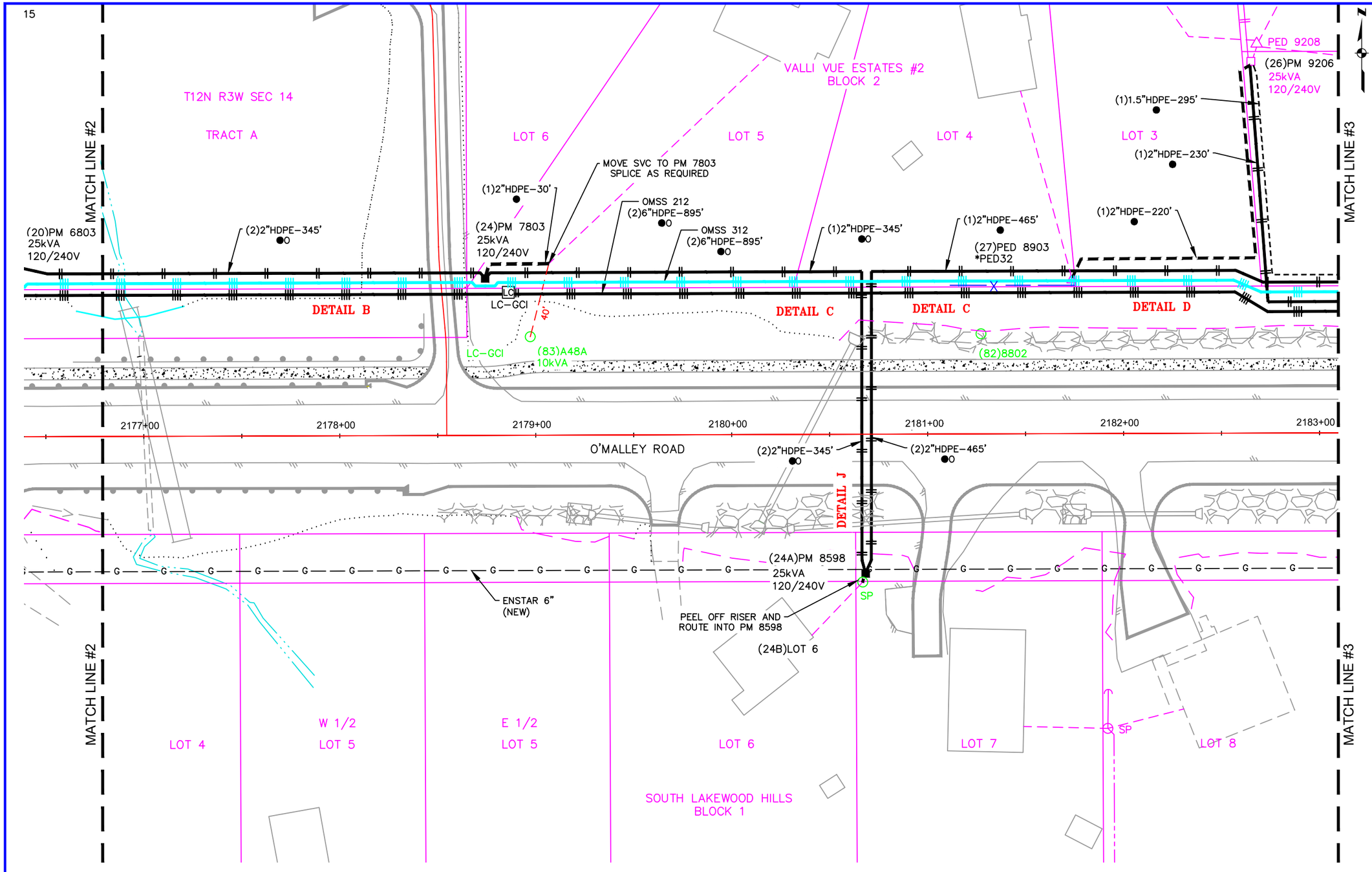
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:

STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203–14C&D, 1203–23A&B
FEEDER: O'MALLEY 212 & 312
ELECTRICAL

W.O. NO.: E1913870
C.W.P. REF. NO.:

SHEET 44 OF 93



ELECTRICAL-3

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)	
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STATEWIDE	800-478-3121
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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

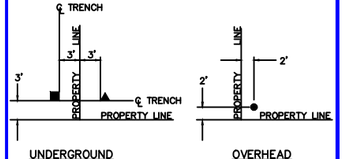
CONSTRUCTION LEGEND

NEW	EXISTING	
		PADMOUNT TRANSFORMER
		PEDESTAL
		POWER POLE
		STREET LIGHT
		WARNING POST
		1ø U.G. PRI. CONDUCTOR
		3ø U.G. PRI. CONDUCTOR
		U.G. SECONDARY CONDUCT.
		U.G. STREET LIGHT CONDUCT.
		1ø O.H. CONDUCTOR
		3ø O.H. CONDUCTOR
J	J	JUNCTION BOX
		SPLICE POINT
		SPARE CONDUIT
		CONDUIT W/ CONDUCTOR
S	S	SWITCH CABINET

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT ME W.O. #: E1913870

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Miller 3/25/21	

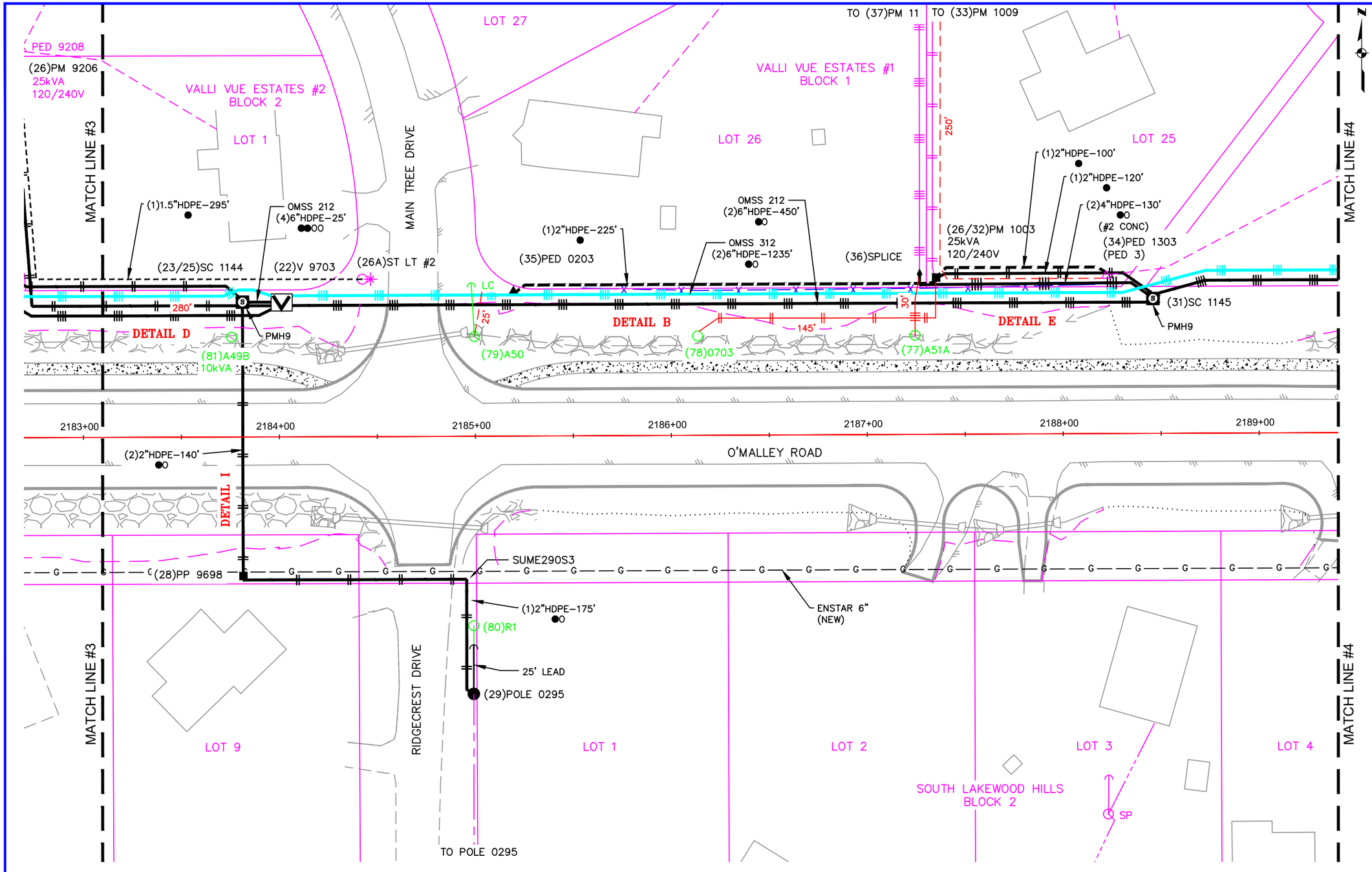
ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE

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

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
ELECTRICAL

W.O. NO.:
C.W.P. REF. NO.: E1913870



ELECTRICAL–4

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

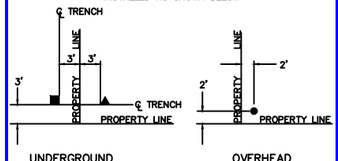
CONSTRUCTION LEGEND

NEW	EXISTING	
◢	◢	PADMOUNT TRANSFORMER
▲	△	PEDESTAL
●	○	POWER POLE
●✳	○✳	STREET LIGHT
■	□	WARNING POST
═	═	1ø U.G. PRI. CONDUCTOR
≡	≡	3ø U.G. PRI. CONDUCTOR
– – –	– – –	U.G. SECONDARY CONDUCT.
– – –	– – –	U.G. STREET LIGHT CONDUCT.
———	———	1ø O.H. CONDUCTOR
———	———	3ø O.H. CONDUCTOR
J	J	JUNCTION BOX
◆	◇	SPLICE POINT
═	═	SPARE CONDUIT
≡	≡	CONDUIT W/ CONDUCTOR
S	S	SWITCH CABINET

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

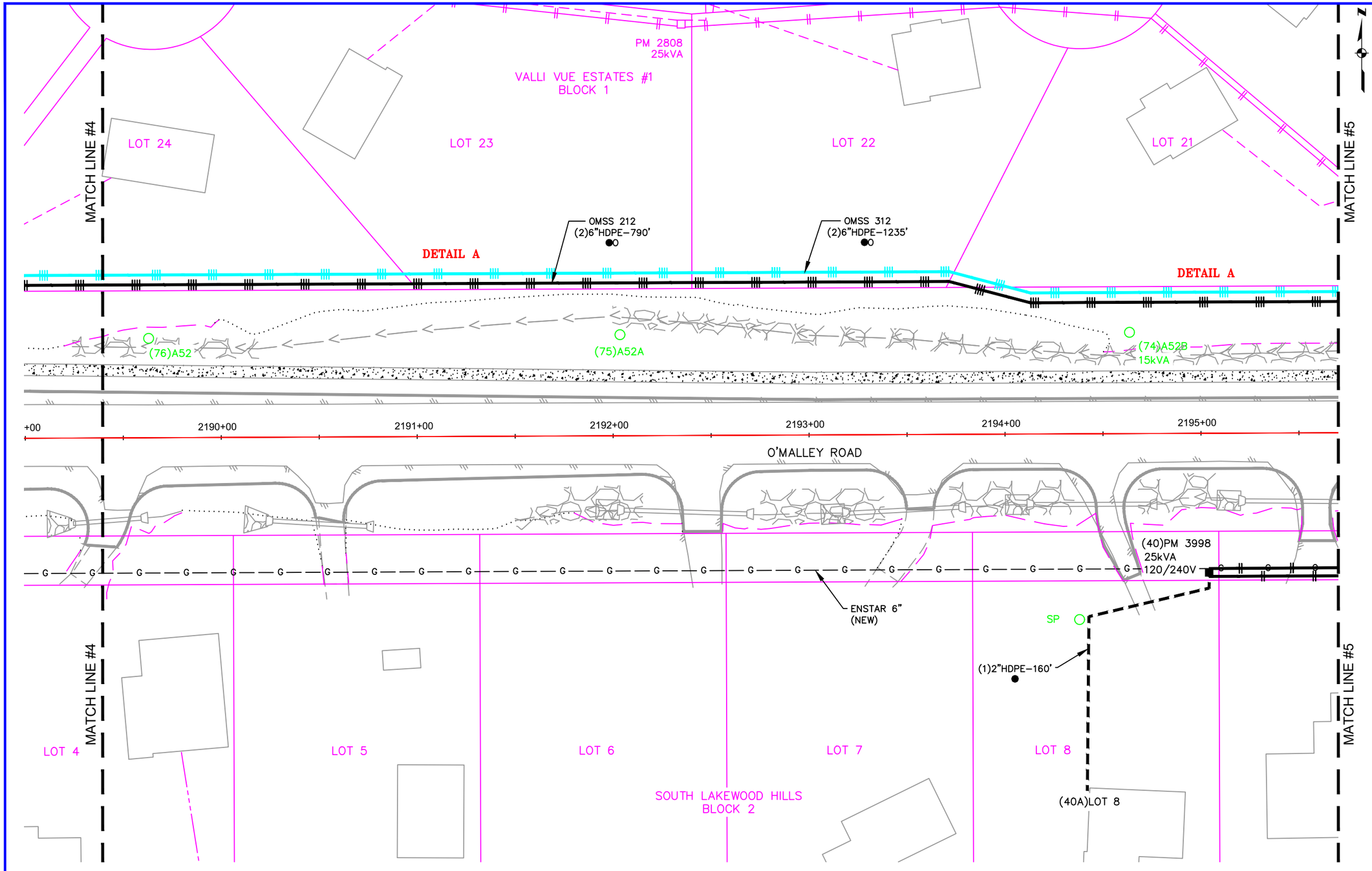
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0	ISSUED FOR CONSTRUCTION	ME 03/25/21	3/25/21	

ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203–14C&D, 1203–23A&B
FEEDER: O'MALLEY 212 & 312
ELECTRICAL

W.O. NO.: E1913870
C.W.P. REF. NO.:



ELECTRICAL–5

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)

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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

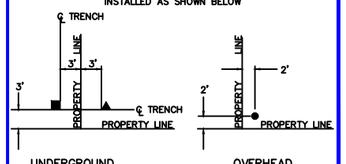
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

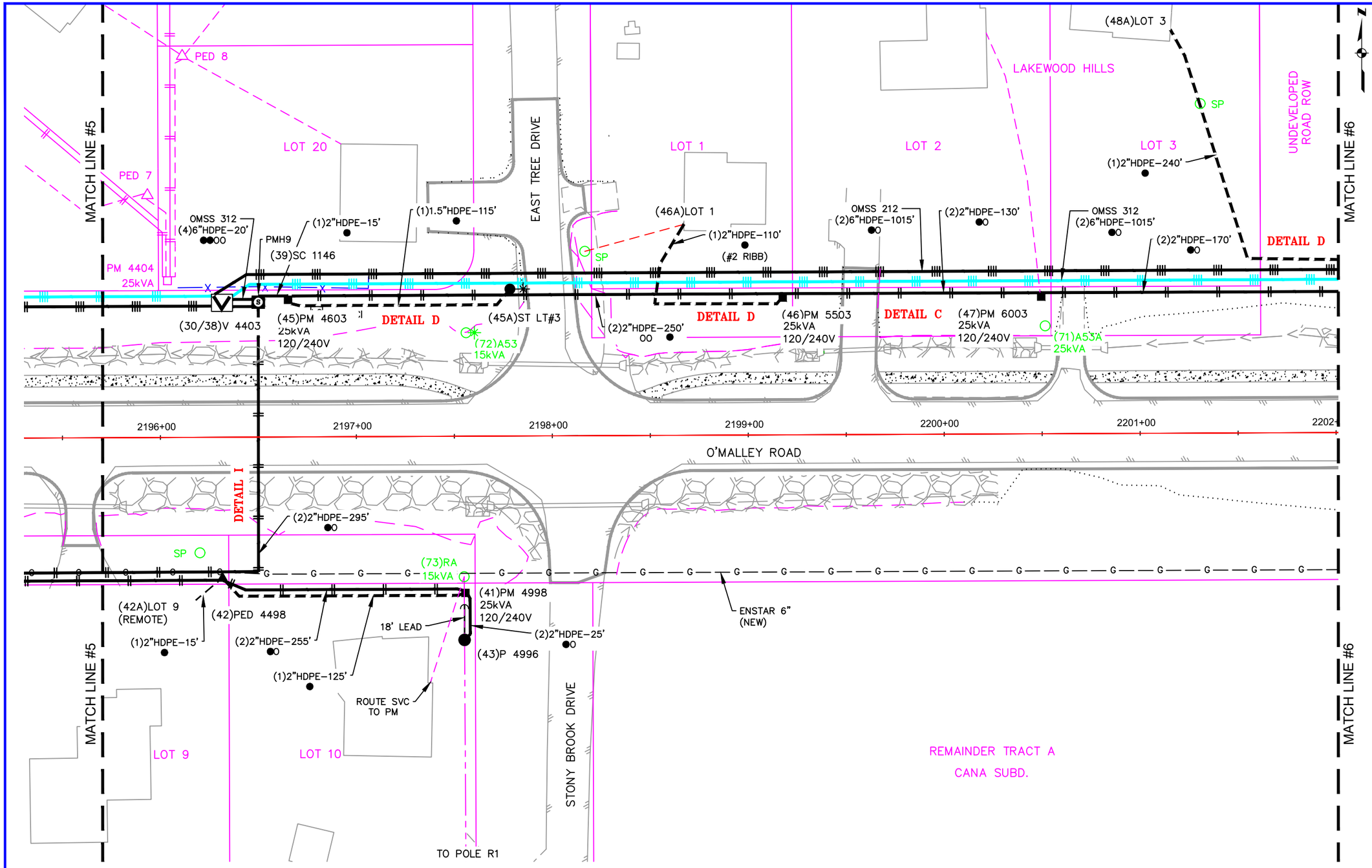
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0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Miller 3/25/21	

ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203–14C&D, 1203–23A&B
FEEDER: O'MALLEY 212 & 312
ELECTRICAL

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 47 OF 93



ELECTRICAL–6

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!

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STATEWIDE	800–478–3121
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ALASKA RAILROAD UTILITIES	265–2457
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KULIS AIR BASE	249–1499
MILITARY PETROLEUM FUEL LINES	552–2334 OR 552–5342
STATE STORM DRAINS & STREET LIGHTS	333–2411

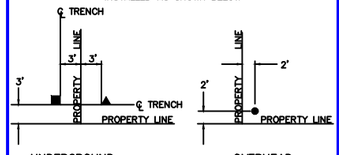
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

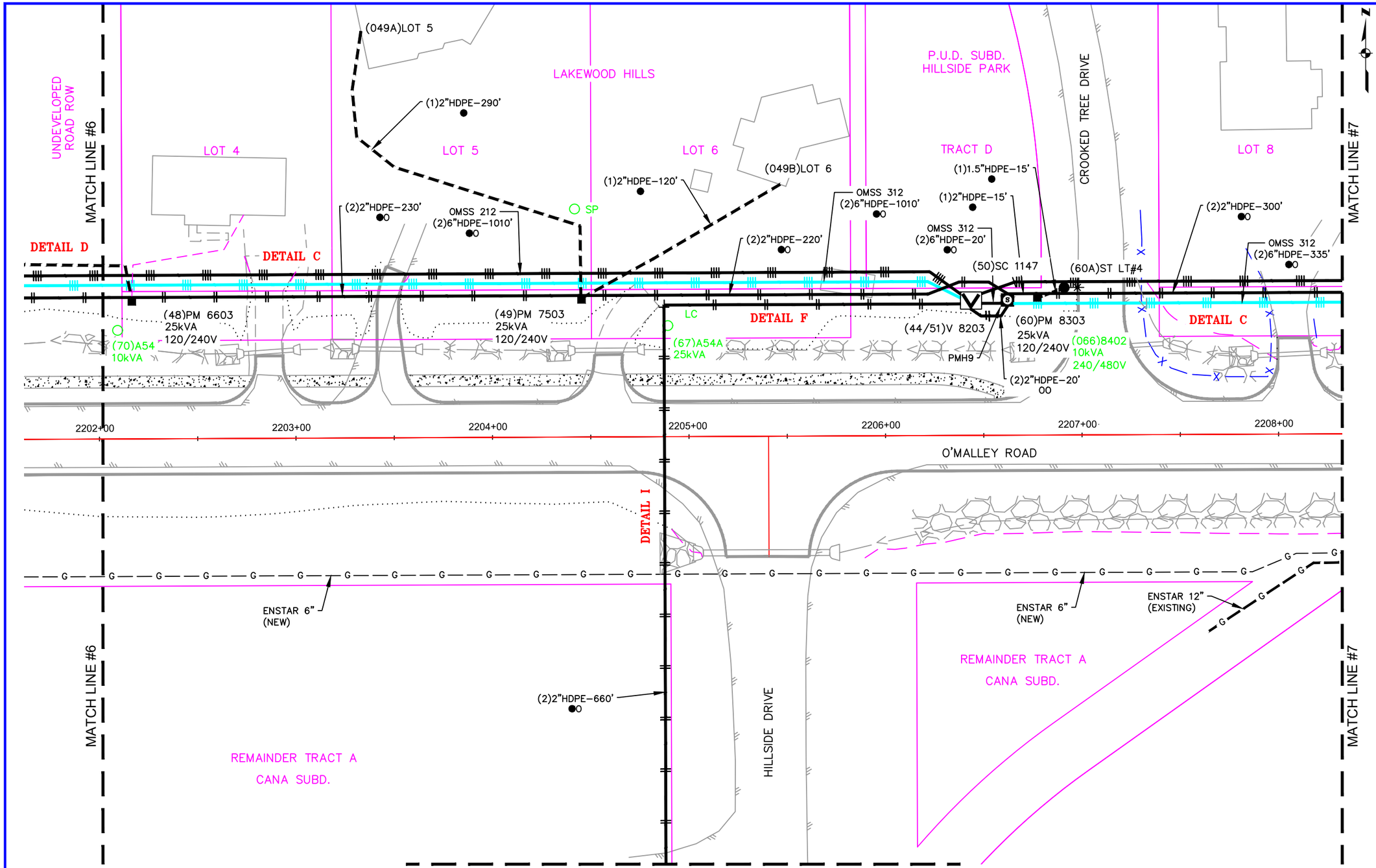
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	3/25/21	

ENG. STAMP

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POWERING ALASKA'S FUTURE
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5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203–14C&D, 1203–23A&B
FEEDER: O'MALLEY 212 & 312
ELECTRICAL

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 48 OF 93



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

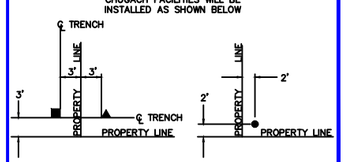
CONSTRUCTION LEGEND

NEW		EXISTING
▲	PADMOUNT TRANSFORMER	△
▲	PEDESTAL	△
●	POWER POLE	○
●✱	STREET LIGHT	○✱
■	WARNING POST	□
═	1ø U.G. PRI. CONDUCTOR	═
≡	3ø U.G. PRI. CONDUCTOR	≡
– – –	U.G. SECONDARY CONDUCT.	– – –
– – –	U.G. STREET LIGHT CONDUCT.	– – –
———	1ø O.H. CONDUCTOR	———
———	3ø O.H. CONDUCTOR	———
J	JUNCTION BOX	J
◆	SPLICE POINT	◇
═	SPARE CONDUIT	═
≡	CONDUIT W/ CONDUCTOR	≡
S	SWITCH CABINET	S

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Miller 3/25/21	

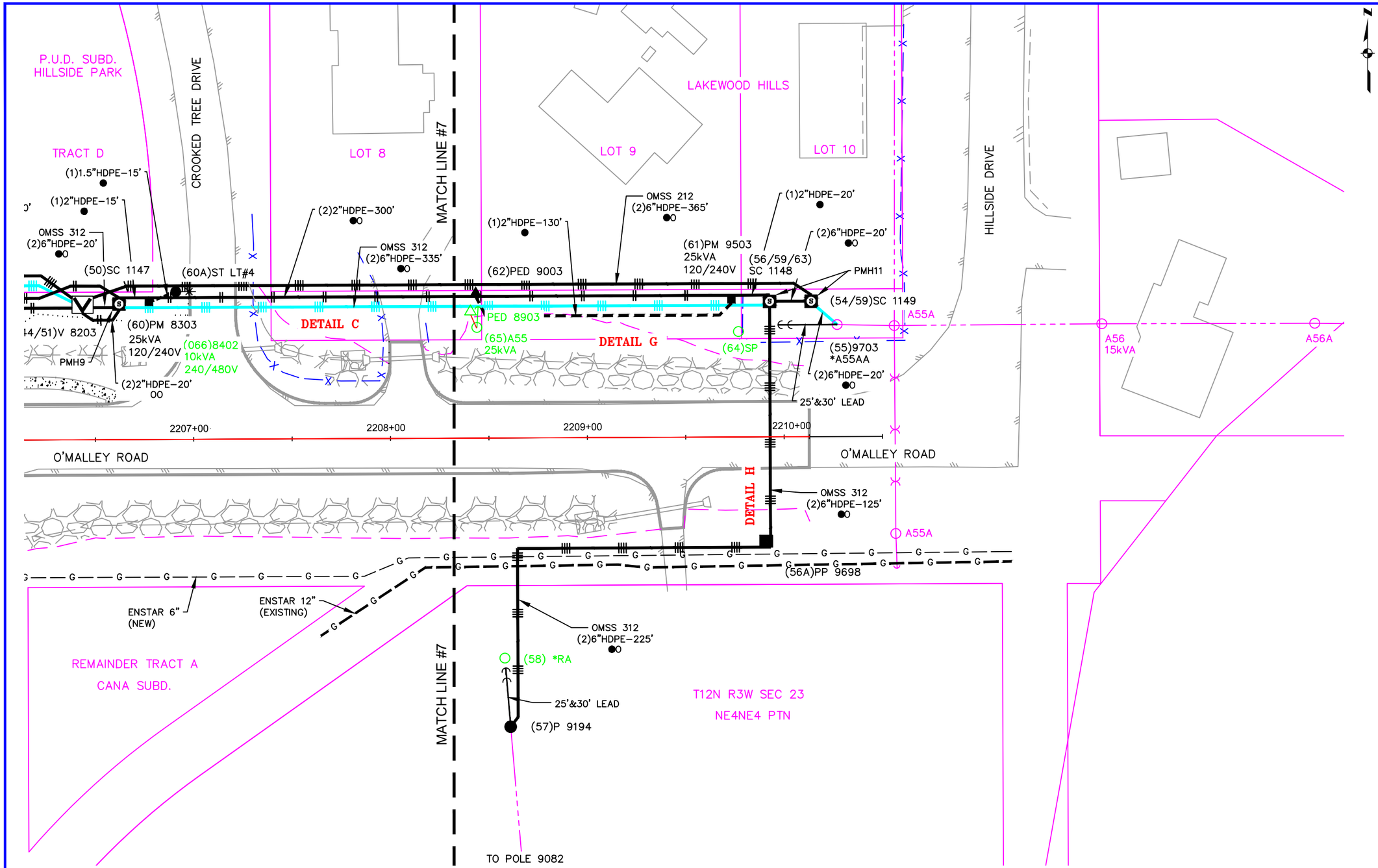
ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
ELECTRICAL

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 49 OF 93

ELECTRICAL-7



ELECTRICAL-8

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

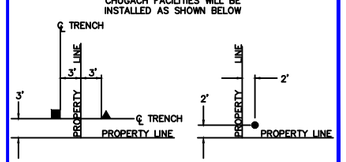
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

R.O.W. LEGEND

R.O.W. LINE
CENTERLINE OF TRENCH

UNLESS OTHERWISE NOTED
CHUGACH FACILITIES WILL BE
INSTALLED AS SHOWN BELOW



UNDERGROUND OVERHEAD

Typical Staking
N.T.S.

PROJECT: STATE OF ALASKA - O'MALLEY ROAD - 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

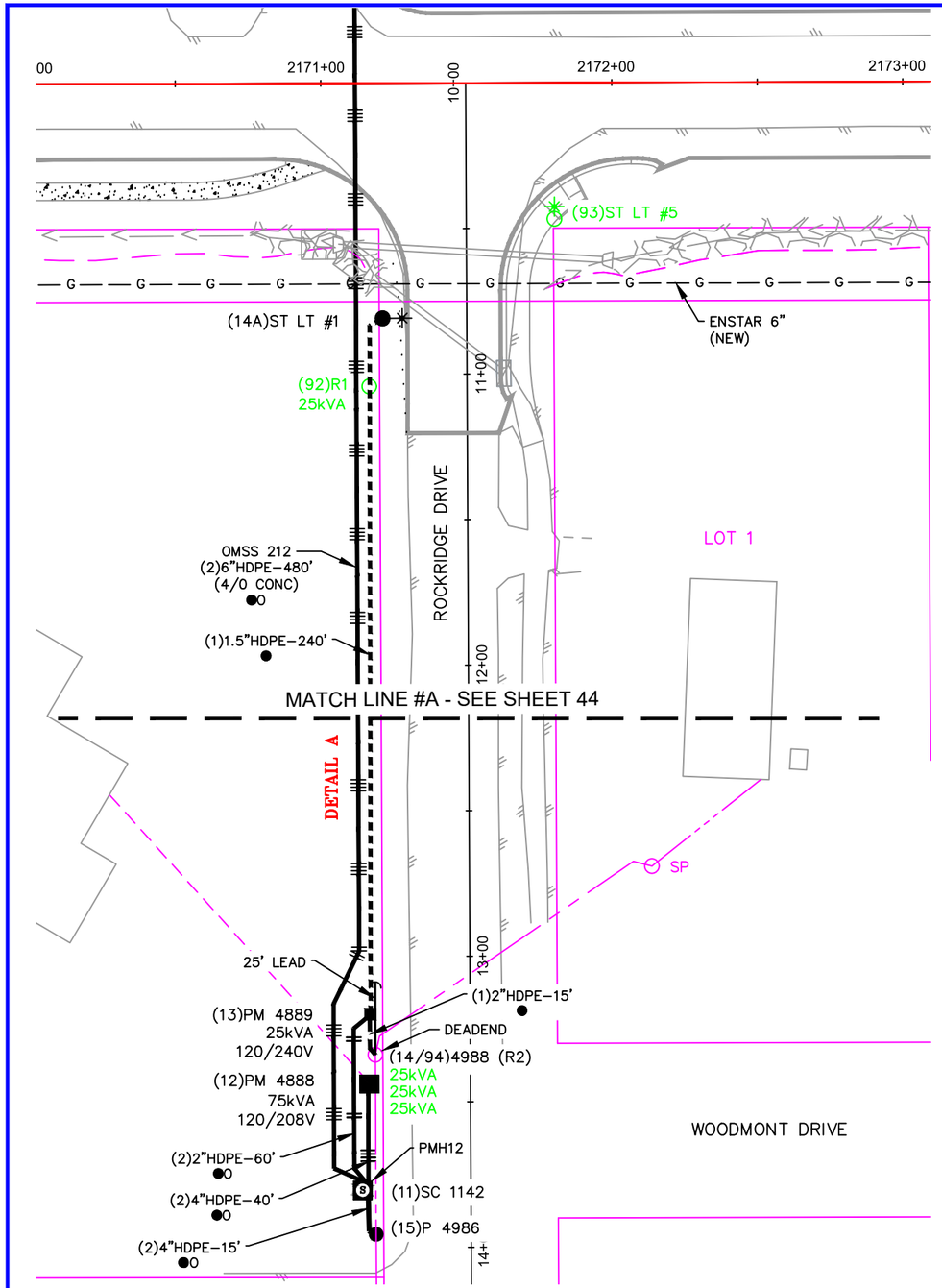
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	3/25/21	

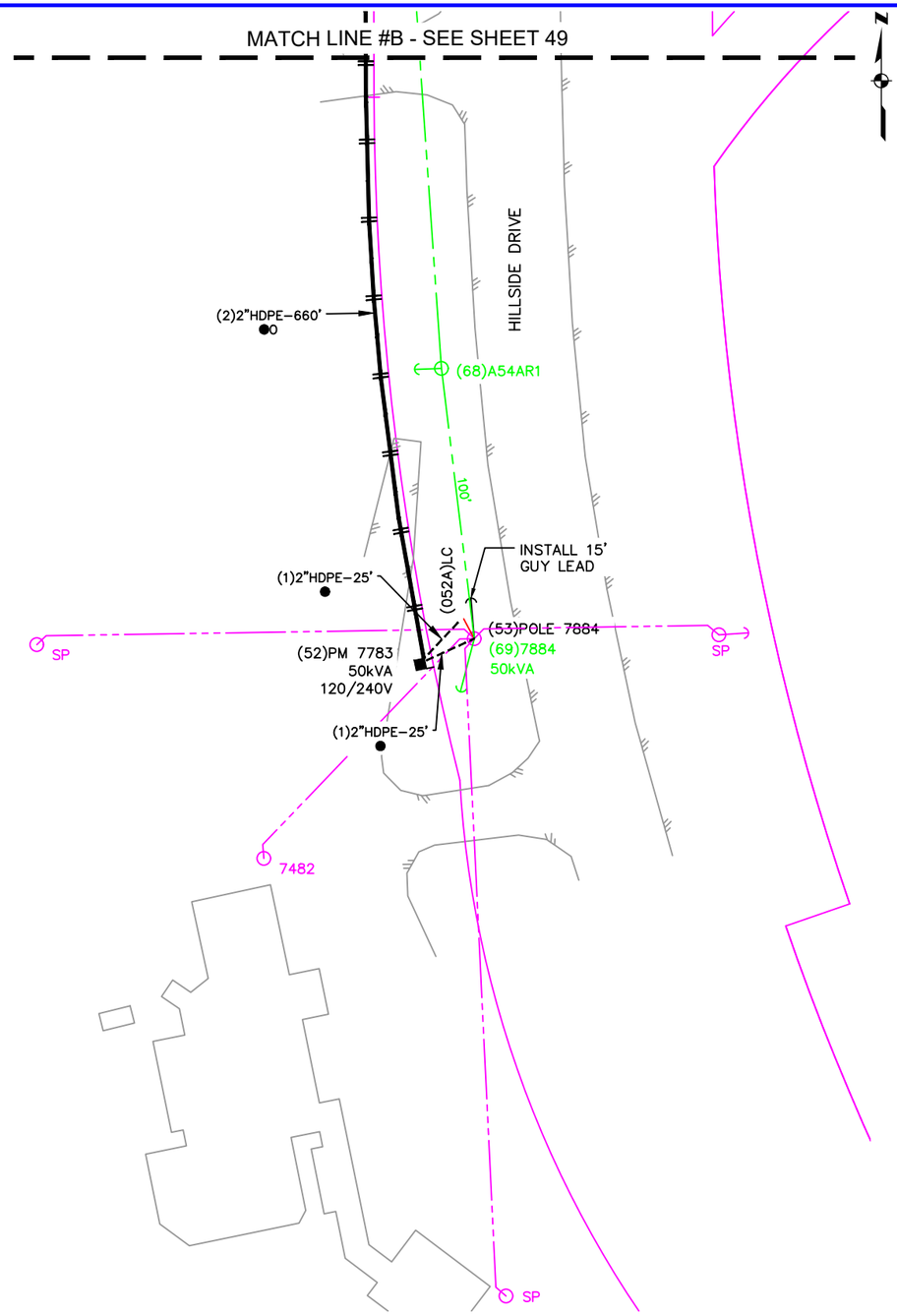
ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA - O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
ELECTRICAL

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 50 OF 93





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

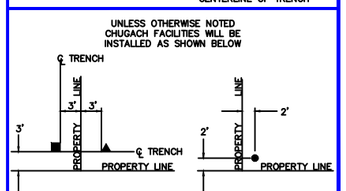
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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.

ELECTRICAL-9

PROJECT: STATE OF ALASKA - O'MALLEY ROAD - 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

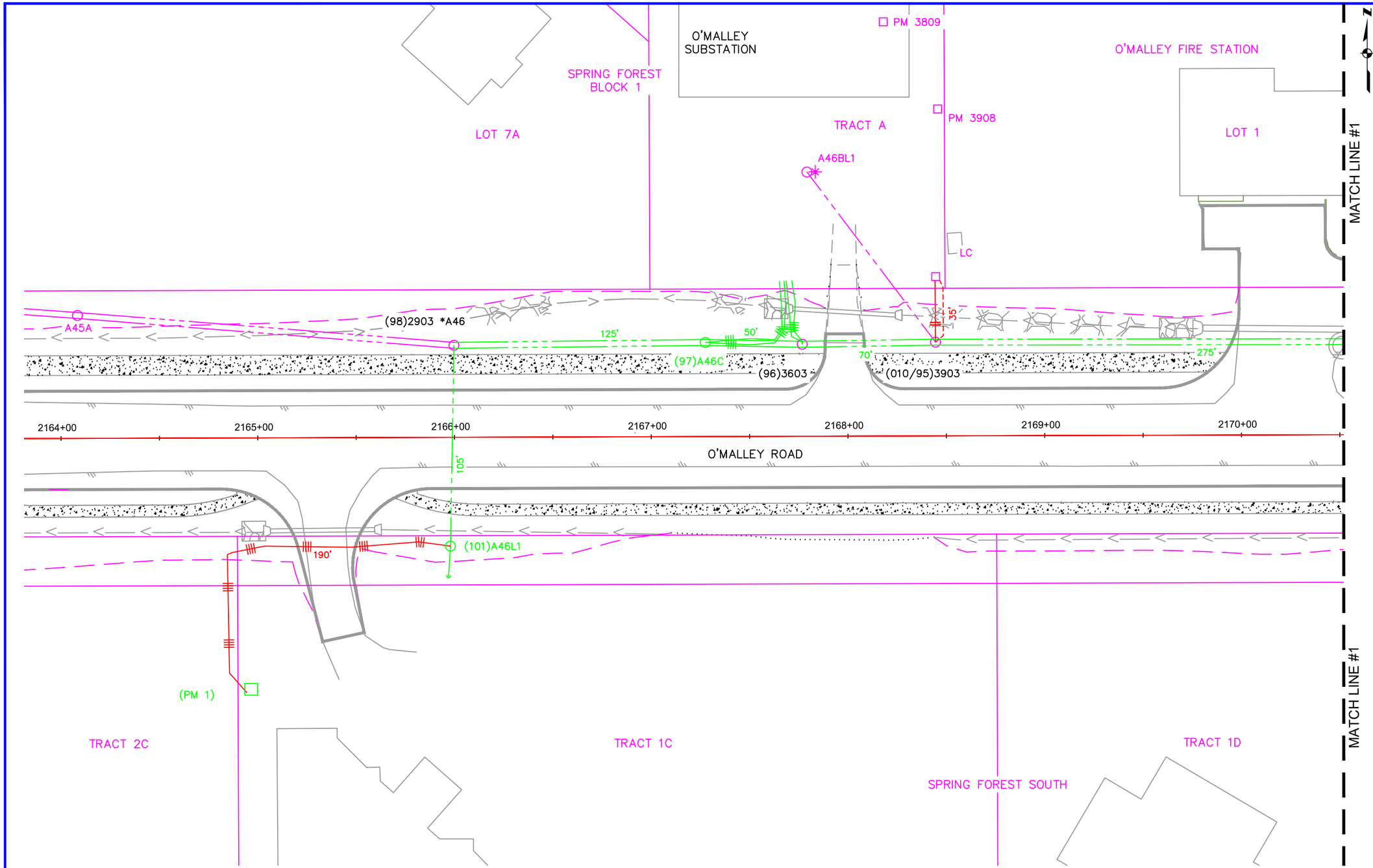
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Mills 3/25/21	

ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA - O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
ELECTRICAL

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 51 OF 93



RETIREMENT–1

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

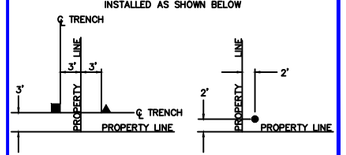
CONSTRUCTION LEGEND

NEW	EXISTING	
		PADMOUNT TRANSFORMER
		PEDESTAL
		POWER POLE
		STREET LIGHT
		WARNING POST
		1ø U.G. PRI. CONDUCTOR
		3ø U.G. PRI. CONDUCTOR
		U.G. SECONDARY CONDUCT.
		U.G. STREET LIGHT CONDUCT.
		1ø O.H. CONDUCTOR
		3ø O.H. CONDUCTOR
J	J	JUNCTION BOX
		SPLICE POINT
		SPARE CONDUIT
		CONDUIT W/ CONDUCTOR
S	S	SWITCH CABINET

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Miller 3/25/21	

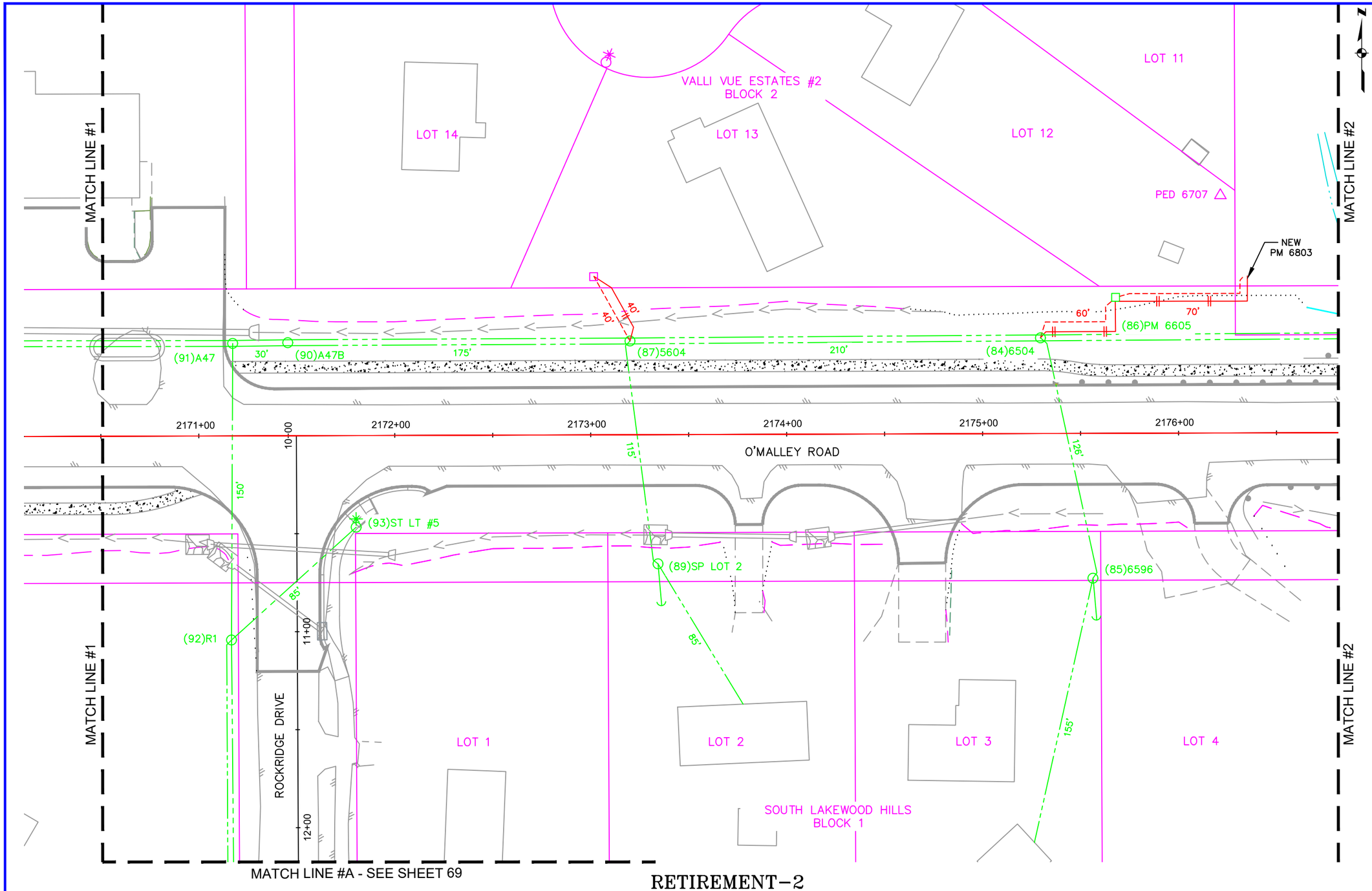
ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE

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

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203–14C&D, 1203–23A&B
FEEDER: O'MALLEY 212 & 312
RETIREMENT

W.O. NO.: / C.W.P. REF. NO.: E1913870



RETIREMENT–2

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

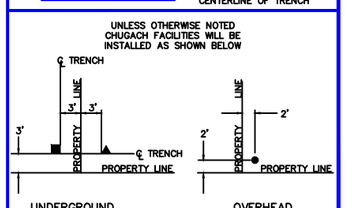
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT ME W.O. #: E1913870

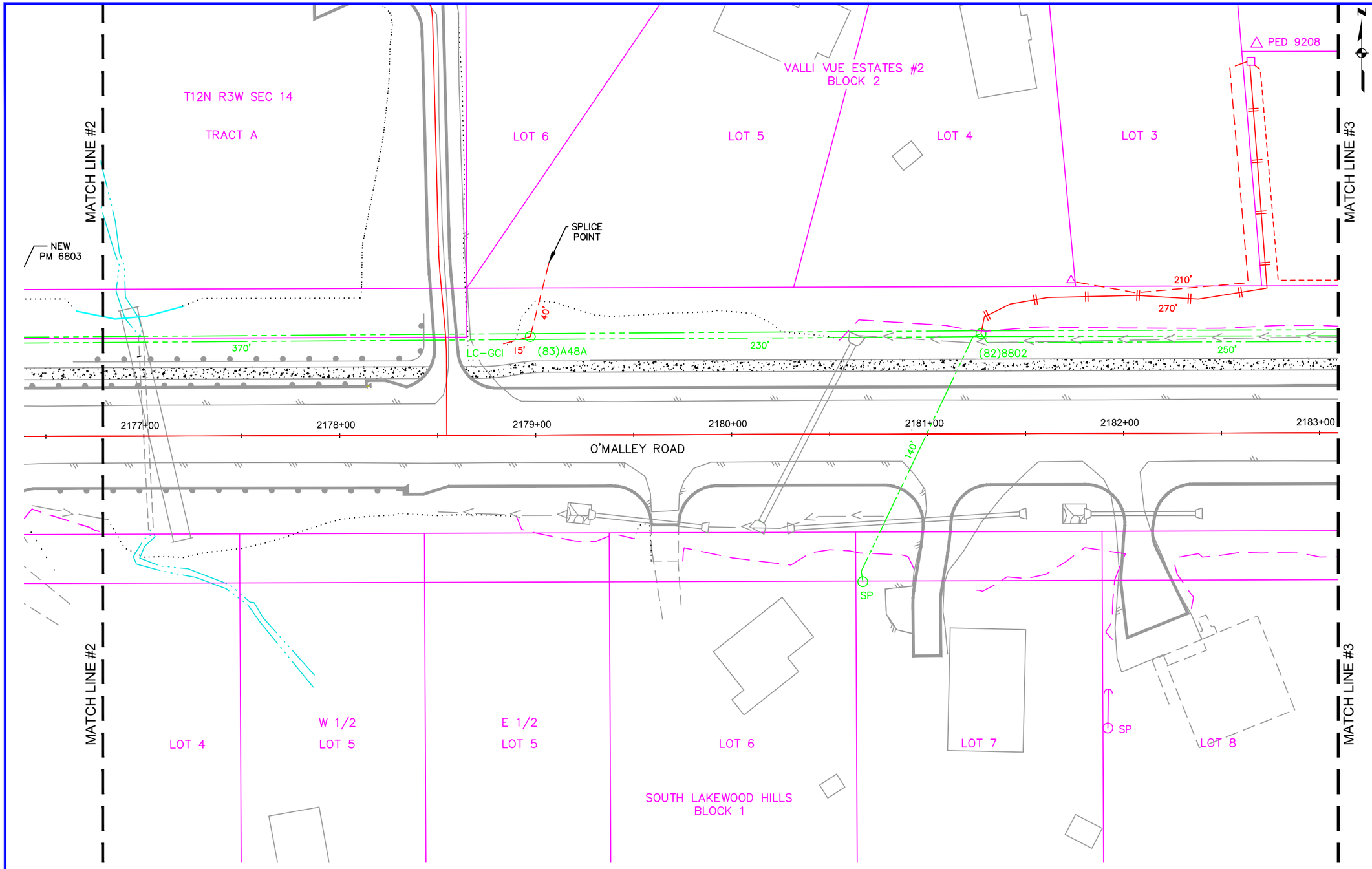
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Mills 3/25/21	

ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203–14C&D, 1203–23A&B
FEEDER: O'MALLEY 212 & 312
RETIREMENT

W.O. NO.: / C.W.P. REF. NO.: E1913870



RETIREMENT-3

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

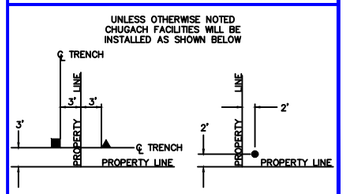
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: STATE OF ALASKA - O'MALLEY ROAD - 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	3/25/21	

ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE

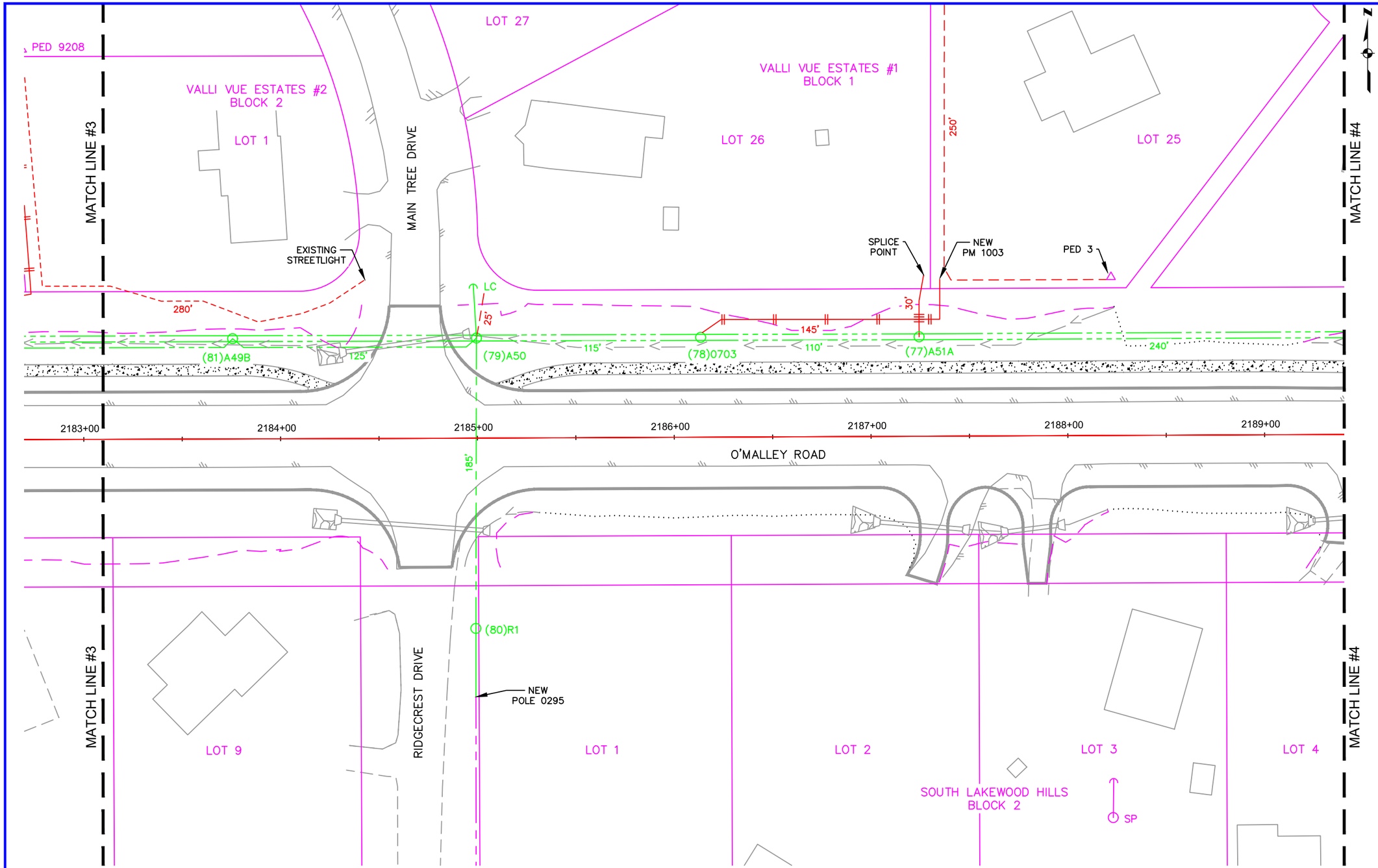
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:

STATE OF ALASKA - O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
RETIREMENT

W.O. NO.: E1913870
C.W.P. REF. NO.:

SHEET 54 OF 93



RETIREMENT–4

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

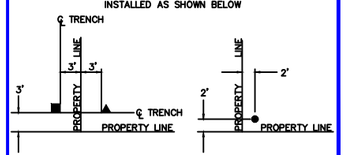
CONSTRUCTION LEGEND

NEW	EXISTING	
		PADMOUNT TRANSFORMER
		PEDESTAL
		POWER POLE
		STREET LIGHT
		WARNING POST
		1ø U.G. PRI. CONDUCTOR
		3ø U.G. PRI. CONDUCTOR
		U.G. SECONDARY CONDUCT.
		U.G. STREET LIGHT CONDUCT.
		1ø O.H. CONDUCTOR
		3ø O.H. CONDUCTOR
J	J	JUNCTION BOX
		SPLICE POINT
		SPARE CONDUIT
		CONDUIT W/ CONDUCTOR
S	S	SWITCH CABINET

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

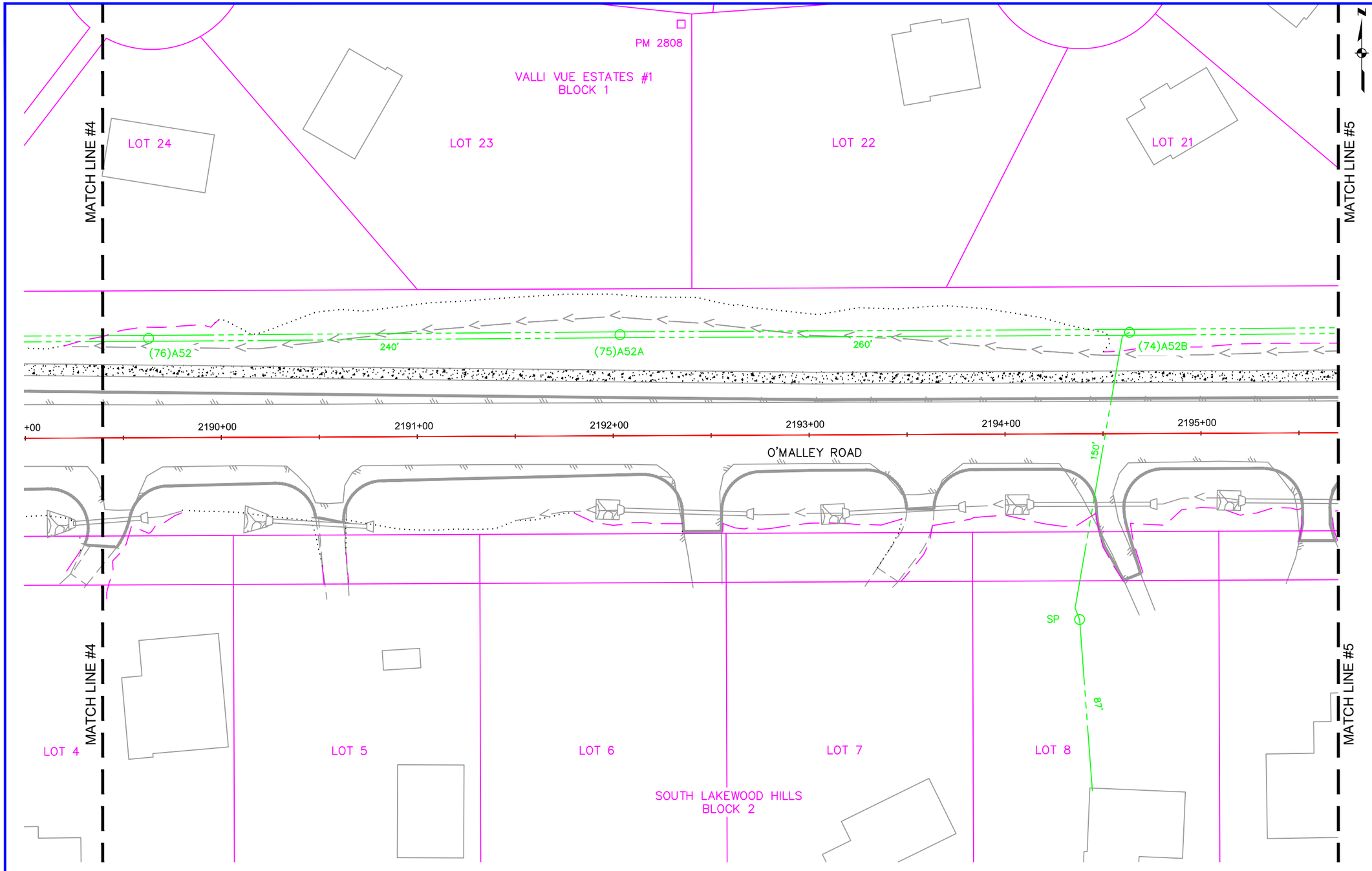
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	3/25/21	

ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203–14C&D, 1203–23A&B
FEEDER: O'MALLEY 212 & 312
RETIREMENT

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 55 OF 93



RETIREMENT-5

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

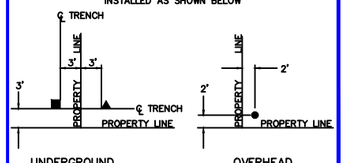
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: STATE OF ALASKA - O'MALLEY ROAD - 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	3/25/21	

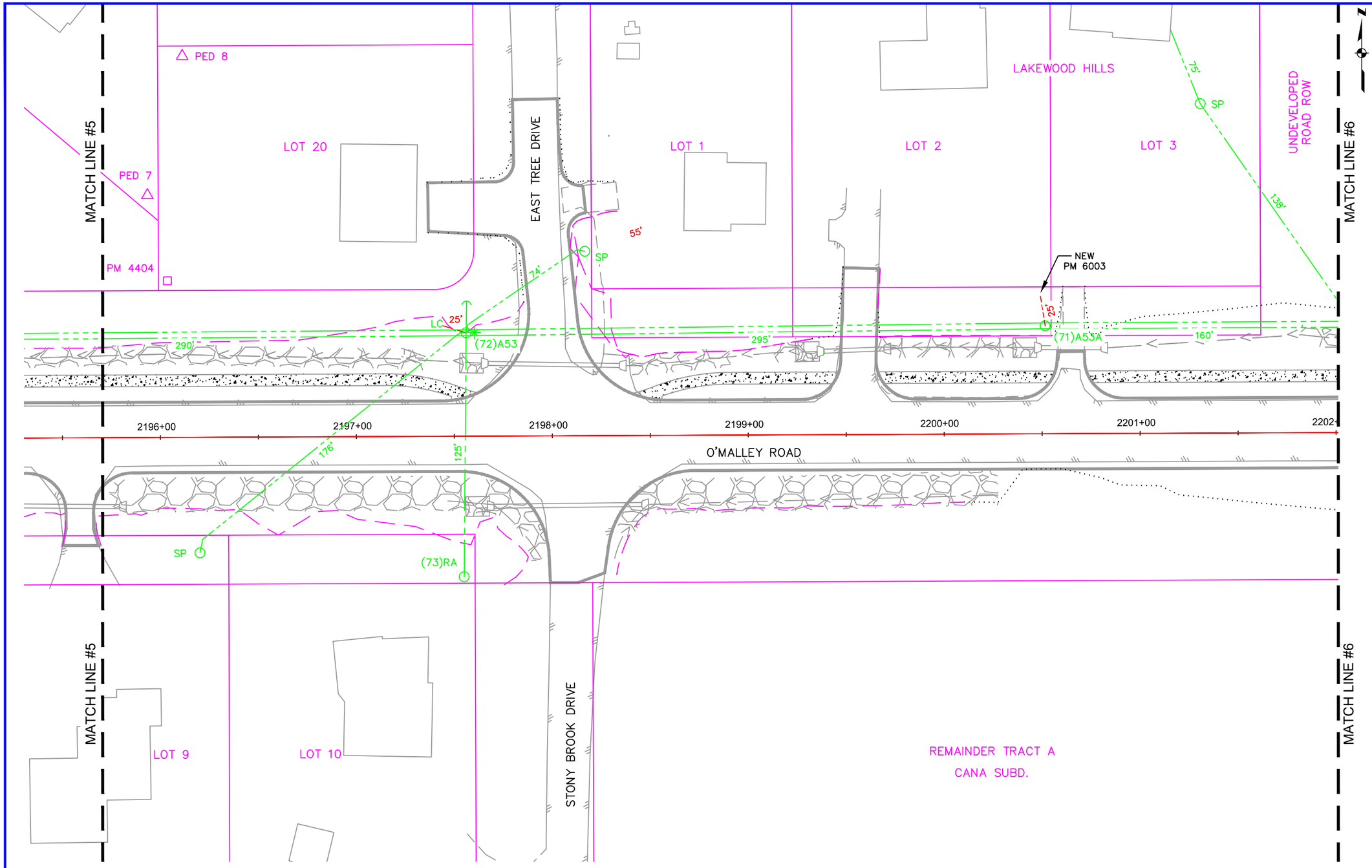
ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA - O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
RETIREMENT

W.O. NO.: / C.W.P. REF. NO.: E1913870

SHEET 56 OF 93



RETIREMENT–6

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

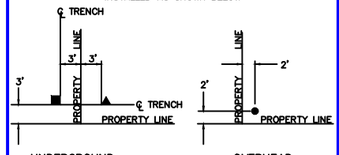
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT ME W.O. #: E1913870

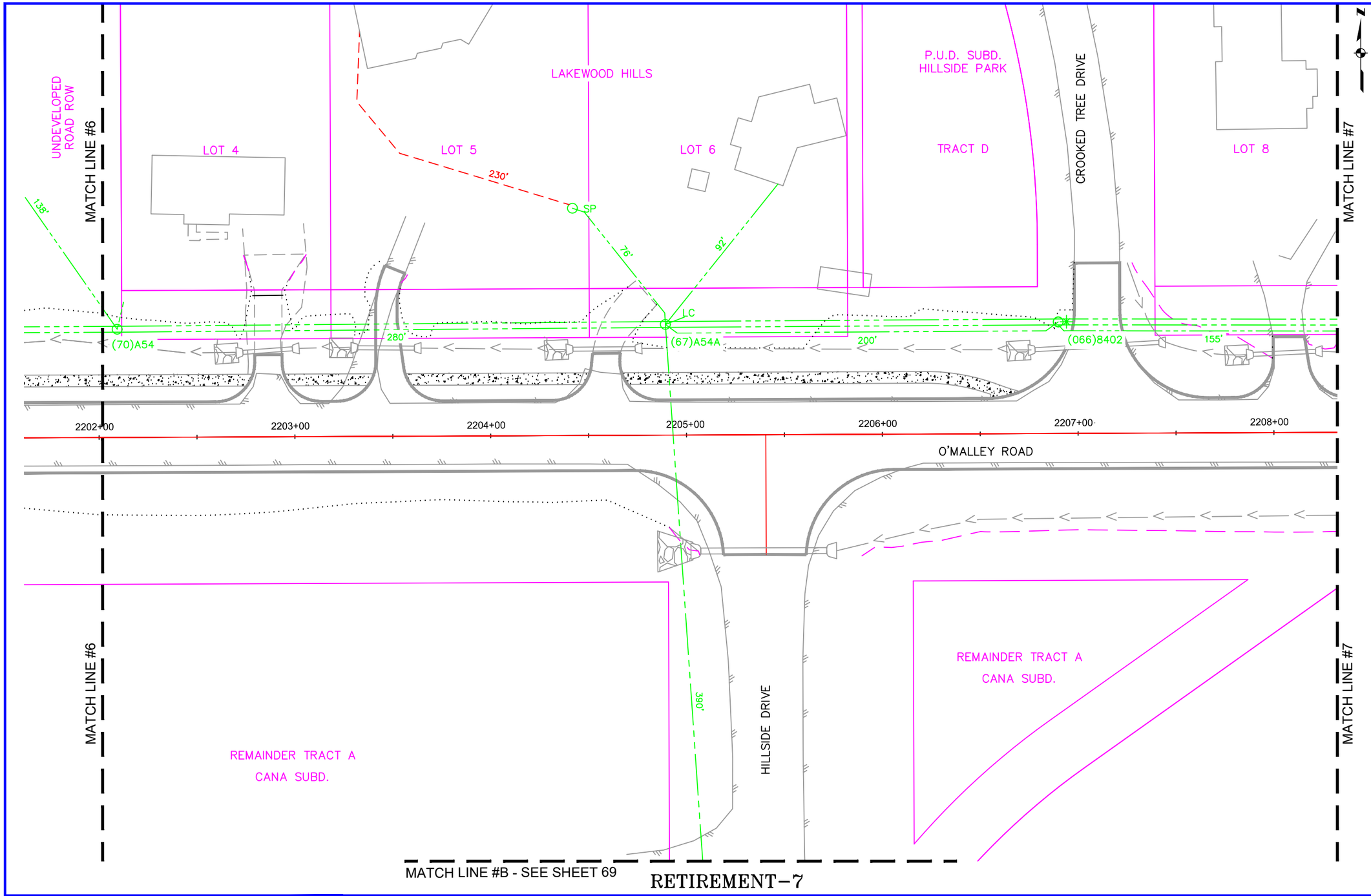
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0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Mills 3/25/21	

ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203–14C&D, 1203–23A&B
FEEDER: O'MALLEY 212 & 312
RETIREMENT

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 57 OF 93



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

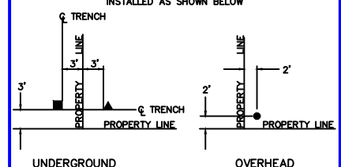
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Miller 3/25/21	

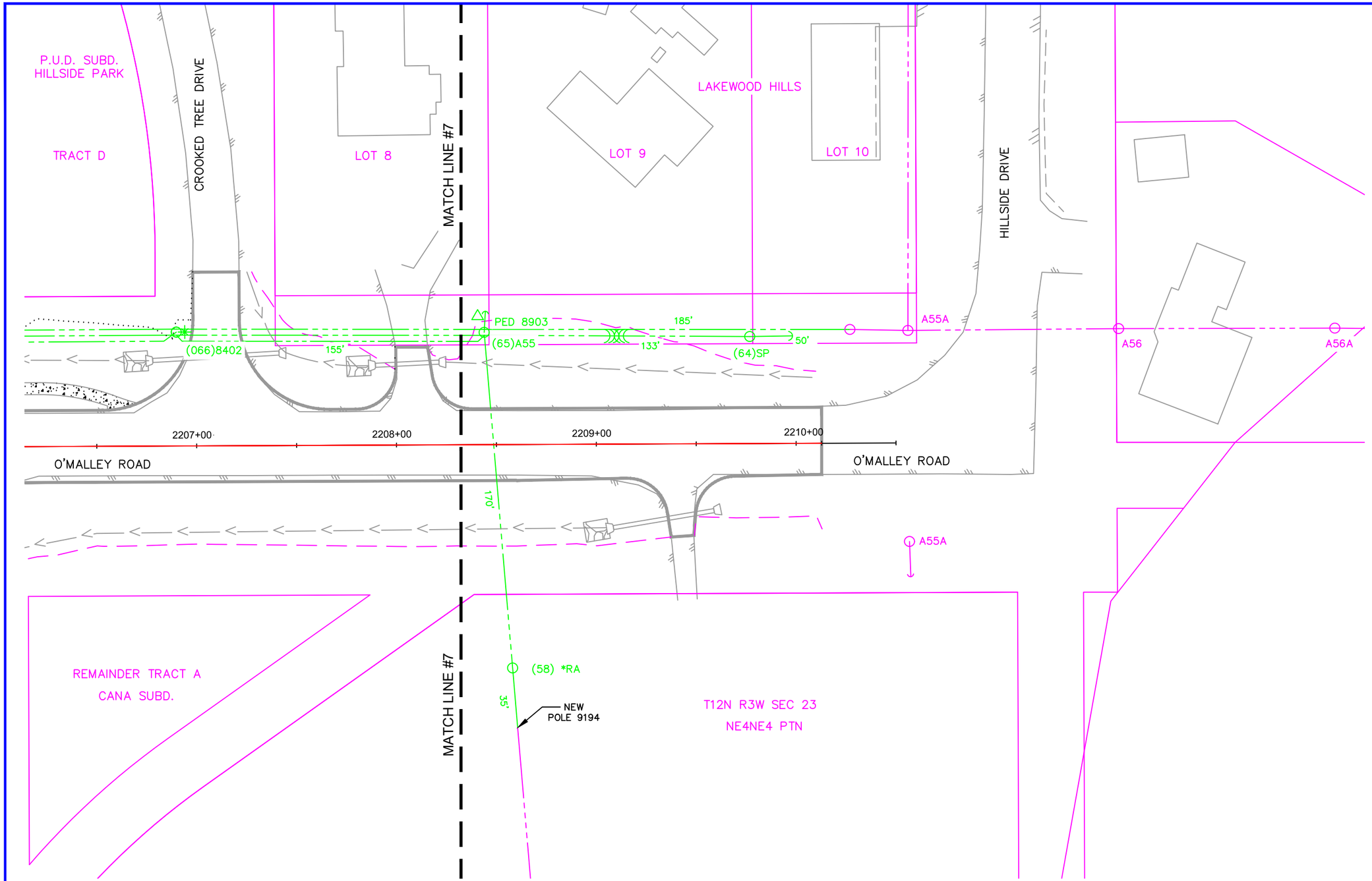
ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:

STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
RETIREMENT

W.O. NO.: E1913870
C.W.P. REF. NO.:



RETIREMENT-8

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

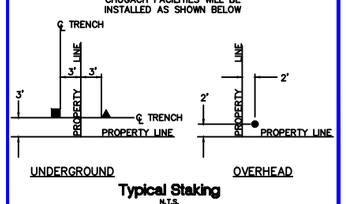
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: STATE OF ALASKA - O'MALLEY ROAD - 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

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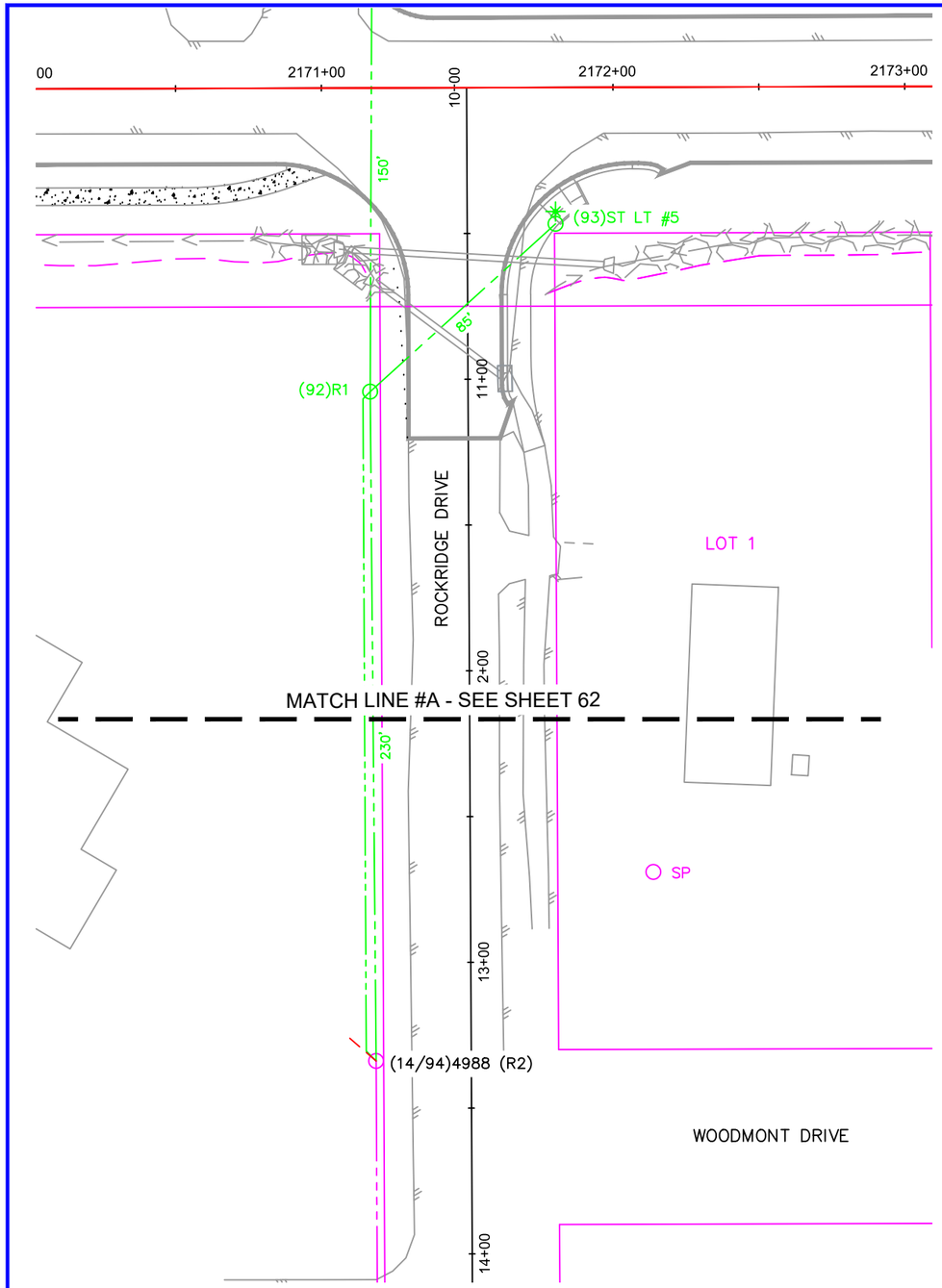
ENG. STAMP

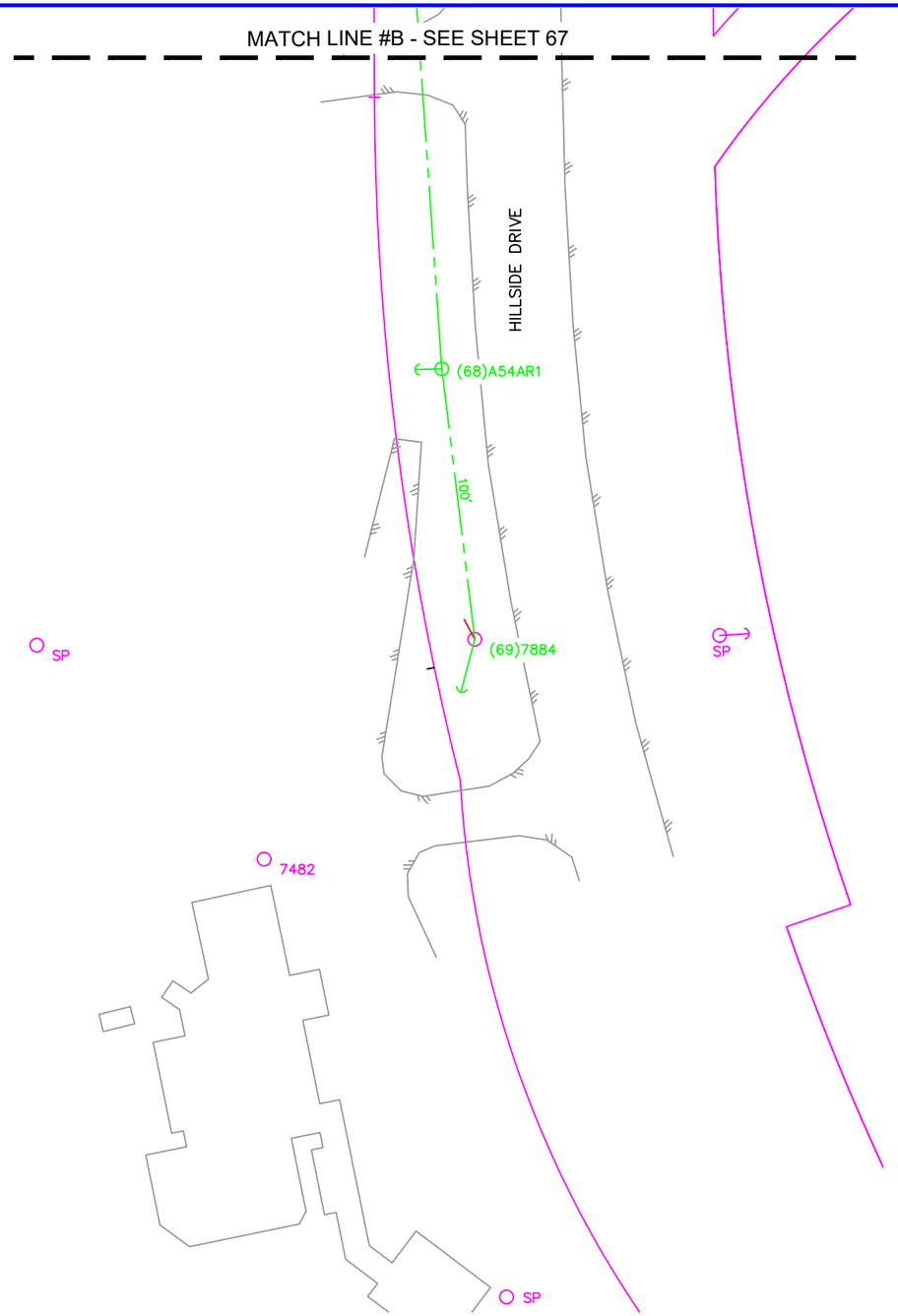
CHUGACH
POWERING ALASKA'S FUTURE

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

DRAWING NAME:
STATE OF ALASKA - O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
RETIREMENT

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 59 OF 93





RETIREMENT-9

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

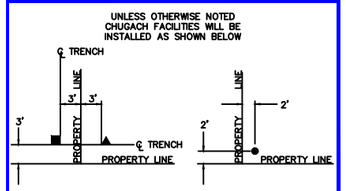
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: STATE OF ALASKA - O'MALLEY ROAD - 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT ME W.O. #: E1913870

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Mills 3/25/21	

ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE

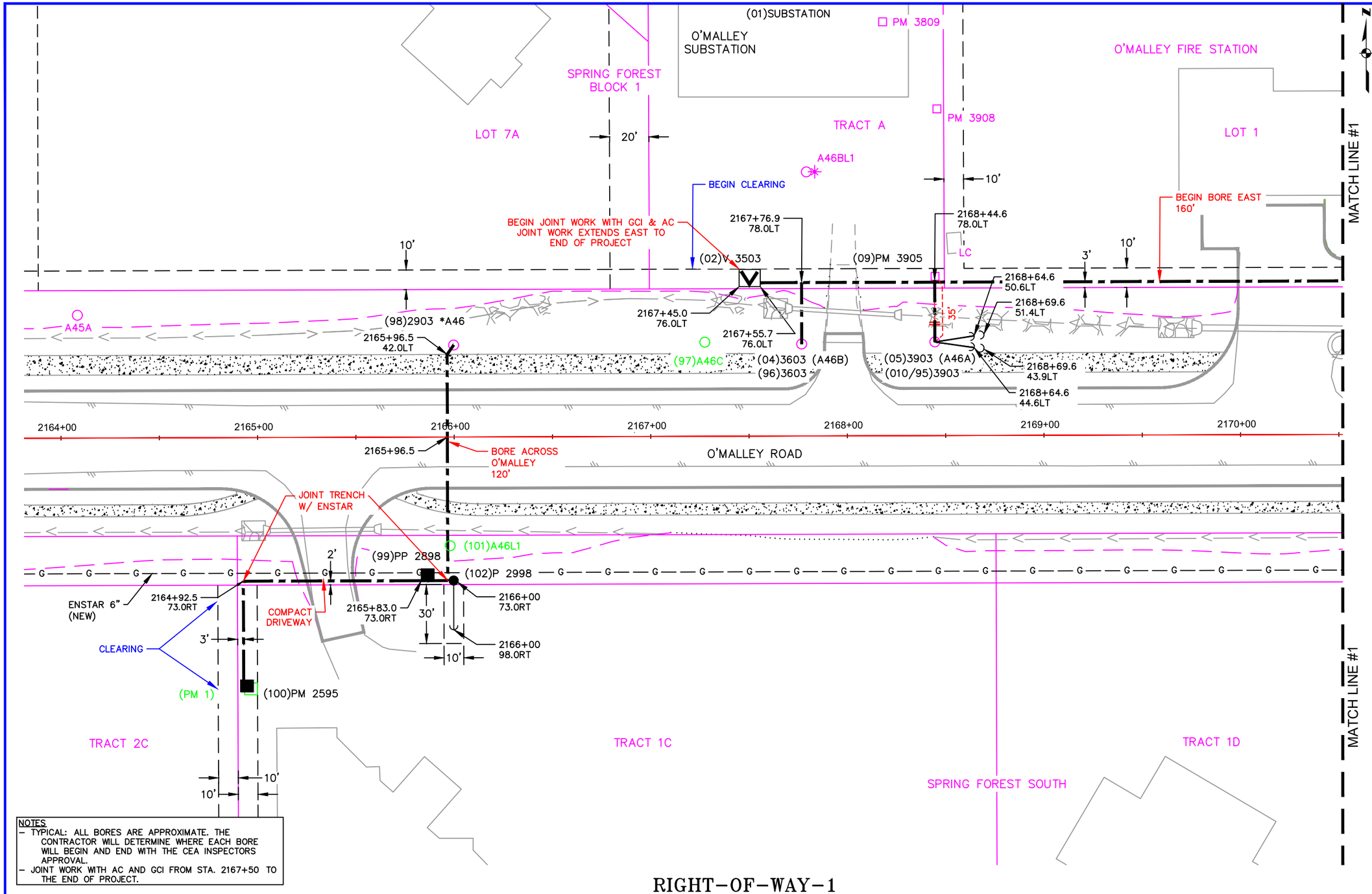
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:

STATE OF ALASKA - O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
RETIREMENT

W.O. NO.: E1913870
C.W.P. REF. NO.:

SHEET 60 OF 93



NOTES
- TYPICAL: ALL BORES ARE APPROXIMATE. THE CONTRACTOR WILL DETERMINE WHERE EACH BORE WILL BEGIN AND END WITH THE CEA INSPECTORS APPROVAL.
- JOINT WORK WITH AC AND GCI FROM STA. 2167+50 TO THE END OF PROJECT.

RIGHT-OF-WAY-1

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
KULIS AIR BASE 249-1499
MILITARY PETROLEUM FUEL LINES ..... 552-2334 OR 552-5342
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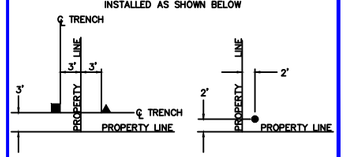
CONSTRUCTION LEGEND

NEW	EXISTING	
◢	◢	PADMOUNT TRANSFORMER
▲	△	PEDESTAL
●	○	POWER POLE
●✳	○✳	STREET LIGHT
■	□	WARNING POST
		1ø U.G. PRI. CONDUCTOR
		3ø U.G. PRI. CONDUCTOR
		U.G. SECONDARY CONDUCT.
		U.G. STREET LIGHT CONDUCT.
		1ø O.H. CONDUCTOR
		3ø O.H. CONDUCTOR
J	J	JUNCTION BOX
◆	◇	SPLICE POINT
		SPARE CONDUIT
		CONDUIT W/ CONDUCTOR
S	S	SWITCH CABINET

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	3/25/21	

ENG. STAMP

CHUGACH POWERING ALASKA'S FUTURE
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5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

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3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
RIGHT-OF-WAY

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 61 OF 93

TO (08) PM 1
TO PM 5018
TO PM 6815
MATCH LINE #1
MATCH LINE #2
CONTINUE JOINT WORK WITH GCI & AC
END BORE 160'
BEGIN BORE SOUTH 180'
BEGIN BORE EAST 300'
PED 6707
VALLI VUE ESTATES #2 BLOCK 2
LOT 11
LOT 12
LOT 13
LOT 14
10'
5'
25'
15'
7'
3'
75'
(06)SC 1140
(07)SC 1141
(16/88)PM 5603
2173+15.9 82.0LT
(03/21)V 6403
(17)SC 1143
(20)PM 6803
2171+15.1 78.0LT
2171+34.2 78.0LT
2171+40.2 78.0LT
2171+46.5 78.0LT
2173+35.3 78.0LT
2175+03.0 77.0LT
2175+13.8 77.0LT
2175+28.8 78.0LT
2175+35.1 78.0LT
2176+32.1 78.0LT
2176+36.1 78.0LT
(91)A47
(90)A47B
(87)5604
(84)6504
(86)PM 6605
2171+00
2172+00
2173+00
2174+00
2175+00
2176+00
2171+15.5
2175+55.1
JOINT BORE W/ AC
2171+49.70
O'MALLEY ROAD
BORE ACROSS O'MALLEY 150'
JOINT TRENCH W/ ENSTAR
BEGIN CLEARING
10+80.7 28.8RT
10+80.7 34.3RT
(14A)ST LT #1
(92)R1
END BORE 180'
(93)ST LT #5
(89)SP LOT 2
ENSTAR 6" (NEW)
(18)PM 6098
2174+27.4 73.0RT
(85)6596
(19)PM 6698
2175+53.1 73.0RT
2175+55.1 73.0RT
2'
COMPACT DRIVEWAY
10+00
11+00
12+00
ROCKRIDGE DRIVE
(18A)LOT 2
LOT 1
LOT 2
LOT 3
LOT 4
SOUTH LAKEWOOD HILLS BLOCK 1
(19A)LOT 3
MATCH LINE #A - SEE SHEET 60
RIGHT-OF-WAY-2

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!

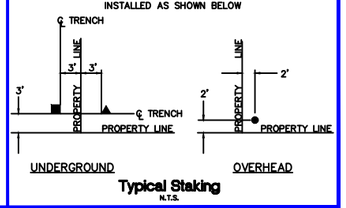
LOCATE CALL CENTER OF ALASKA (LCCA)	
ANCHORAGE AREA	278-3121
STATEWIDE	800-478-3121
AT&T ALASCOM INC.	264-8465
ALASKA RAILROAD UTILITIES	265-2457
ALYESKA CABLE TV (GIRDWOOD)	783-2982
KULIS AIR BASE	249-1499
MILITARY PETROLEUM FUEL LINES	552-2334 OR 552-5342
STATE STORM DRAINS & STREET LIGHTS	333-2411

CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT ME W.O. #: E1913870

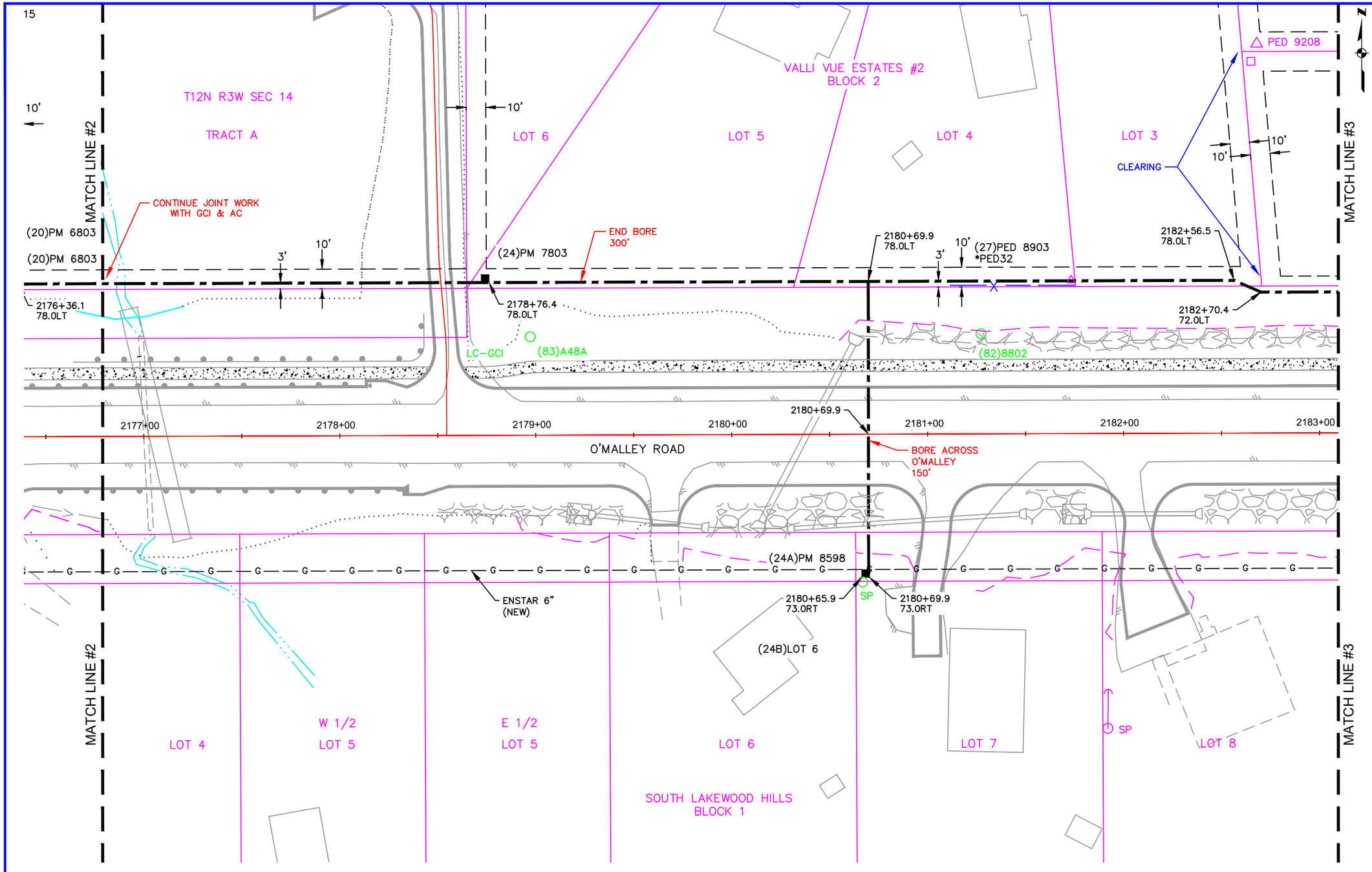
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Mills 3/25/21	

ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
RIGHT-OF-WAY

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 62 OF 93



RIGHT-OF-WAY-3

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

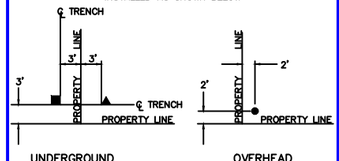
CONSTRUCTION LEGEND

NEW	EXISTING	
		PADMOUNT TRANSFORMER
		PEDESTAL
		POWER POLE
		STREET LIGHT
		WARNING POST
		1ø U.G. PRI. CONDUCTOR
		3ø U.G. PRI. CONDUCTOR
		U.G. SECONDARY CONDUCT.
		U.G. STREET LIGHT CONDUCT.
		1ø O.H. CONDUCTOR
		3ø O.H. CONDUCTOR
J	J	JUNCTION BOX
		SPLICE POINT
		SPARE CONDUIT
		CONDUIT W/ CONDUCTOR
S	S	SWITCH CABINET

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: STATE OF ALASKA - O'MALLEY ROAD - 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT ME W.O. #: E1913870

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Mills 3/25/21	

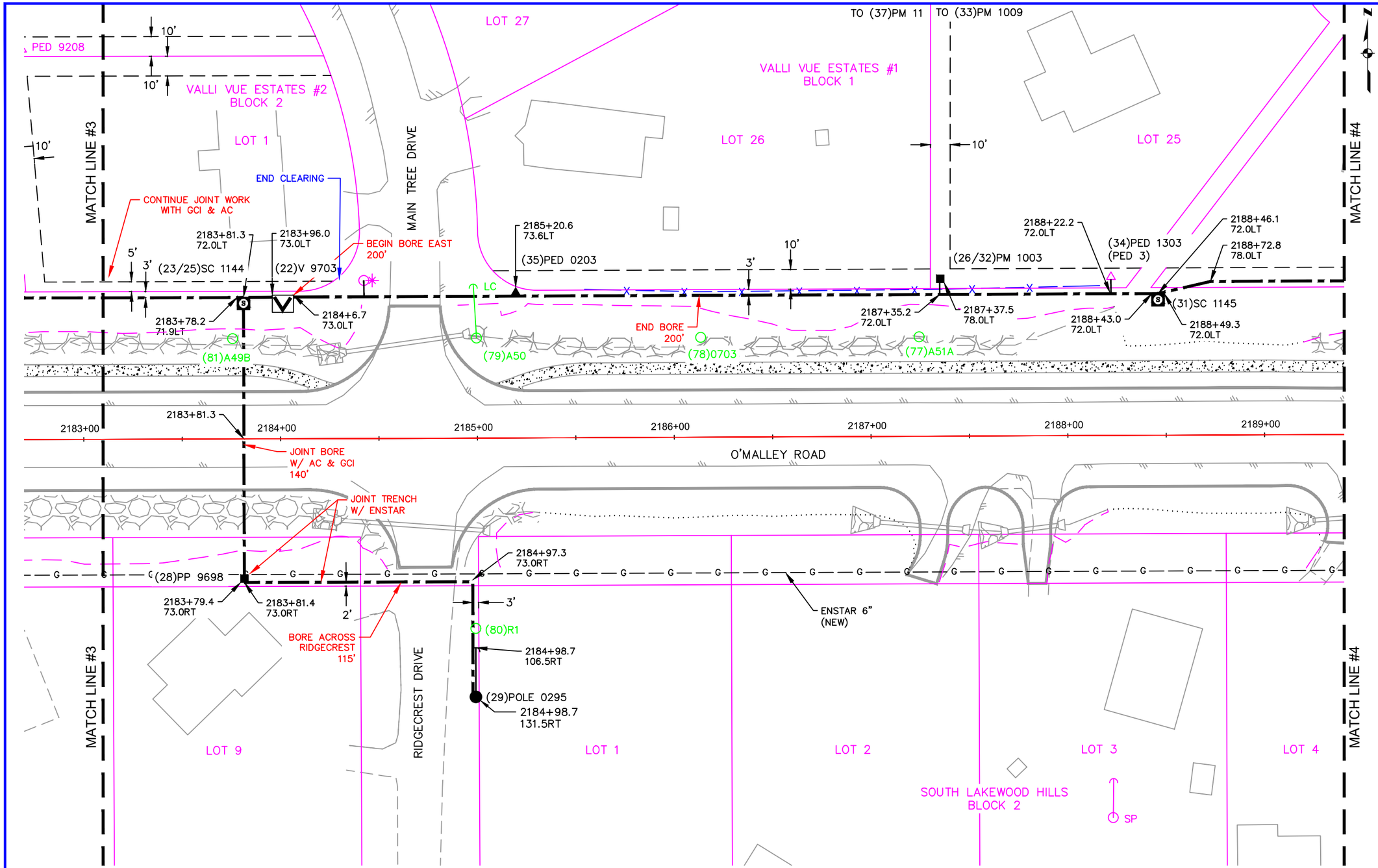
ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE

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

DRAWING NAME:
STATE OF ALASKA - O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
RIGHT-OF-WAY

W.O. NO.:
C.W.P. REF. NO.: E1913870



RIGHT-OF-WAY-4

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

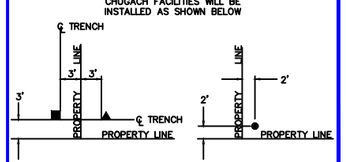
CONSTRUCTION LEGEND

NEW	EXISTING	
		PADMOUNT TRANSFORMER
		PEDESTAL
		POWER POLE
		STREET LIGHT
		WARNING POST
		1ø U.G. PRI. CONDUCTOR
		3ø U.G. PRI. CONDUCTOR
		U.G. SECONDARY CONDUCT.
		U.G. STREET LIGHT CONDUCT.
		1ø O.H. CONDUCTOR
		3ø O.H. CONDUCTOR
J	J	JUNCTION BOX
		SPLICE POINT
		SPARE CONDUIT
		CONDUIT W/ CONDUCTOR
S	S	SWITCH CABINET

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

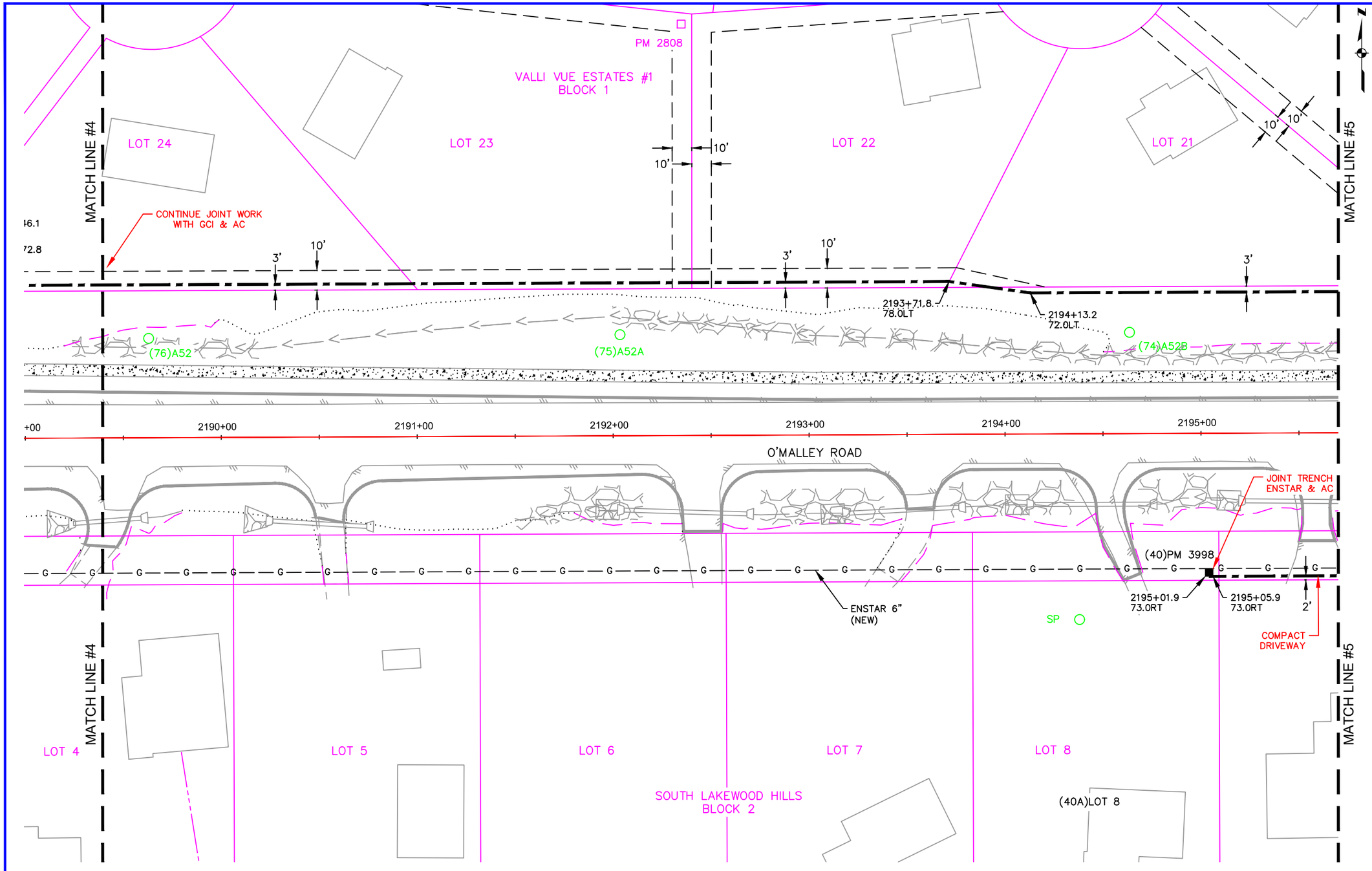
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0	ISSUED FOR CONSTRUCTION	ME 03/25/21	3/25/21	

ENG. STAMP

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POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
RIGHT-OF-WAY

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 64 OF 93



RIGHT-OF-WAY-5

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

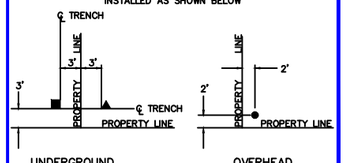
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	3/25/21	

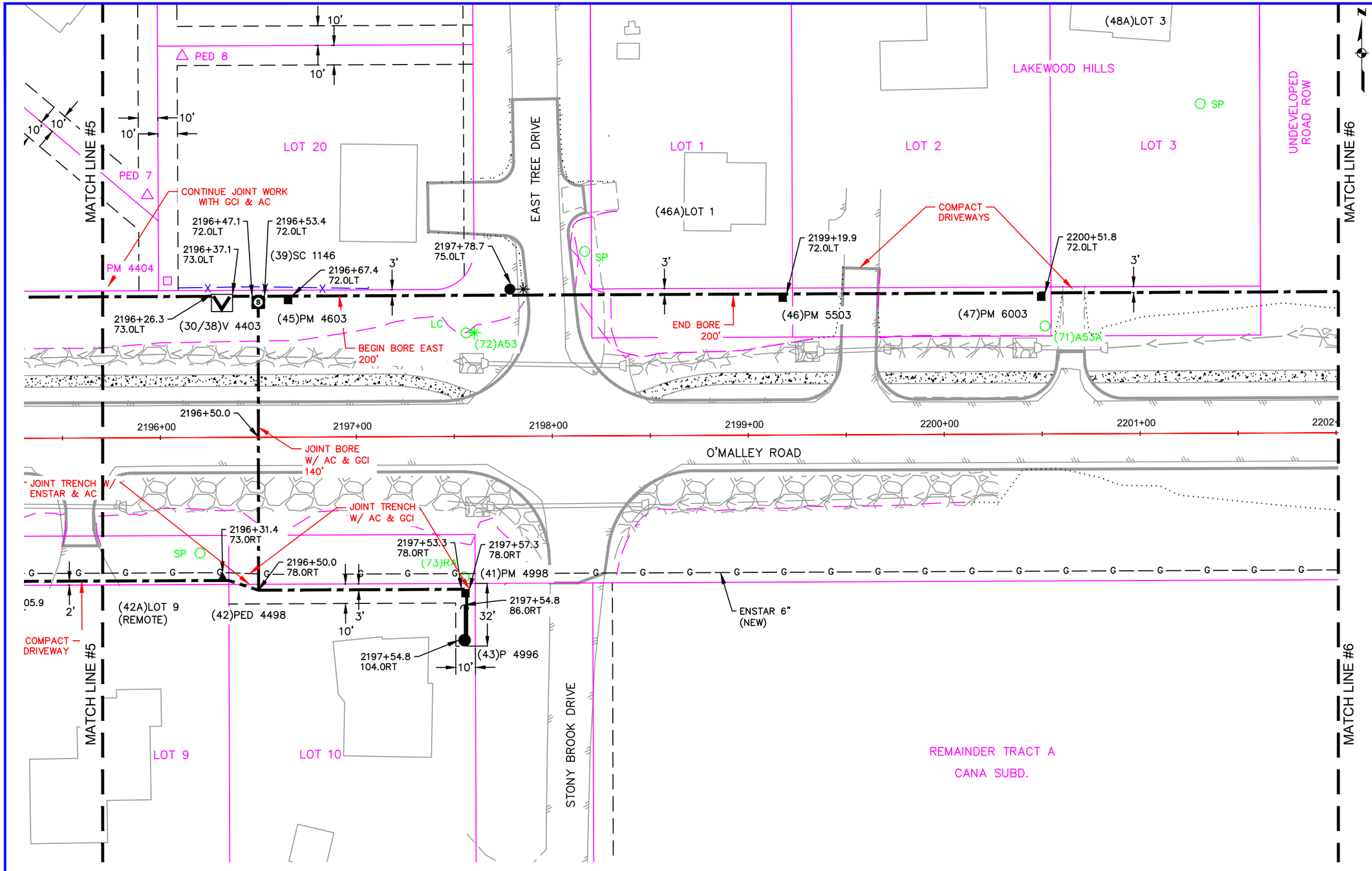
ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
RIGHT-OF-WAY

W.O. NO.: / C.W.P. REF. NO.: E1913870

SHEET 65 OF 93



RIGHT-OF-WAY-6

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

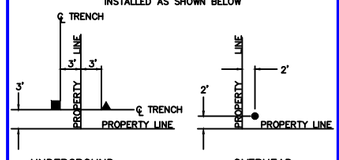
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

R.O.W. LEGEND

R.O.W. LINE
CENTERLINE OF TRENCH

UNLESS OTHERWISE NOTED
CHUGACH FACILITIES WILL BE
INSTALLED AS SHOWN BELOW



UNDERGROUND OVERHEAD

Typical Staking
N.T.S.

PROJECT: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

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ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
RIGHT-OF-WAY

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 66 OF 93

(049A)LOT 5

LAKEWOOD HILLS

P.U.D. SUBD.
HILLSIDE PARK

CROOKED TREE DRIVE

UNDEVELOPED ROAD ROW

MATCH LINE #6

LOT 4

LOT 5

LOT 6

(049B)LOT 6

TRACT D

LOT 8

MATCH LINE #7

CONTINUE JOINT WORK WITH GCI & AC

2202+18.8
72.0LT

COMPACT DRIVEWAYS

SP

BEGIN BORE SOUTH
150'

2204+47.6
72.0LT

COMPACT DRIVEWAY

2206+75.5
72.0LT

2206+65.5
72.0LT

2206+59.2
72.0LT

2206+38.4
73.0LT

(50)SC 1147

BEGIN BORE EAST
215'

2206+91.2
75.0LT

3'

(48)PM 6603

(49)PM 7503

(70)A54

(67)A54A

(44/51)V 8203

(60)PM 8303

2206+49.2
73.0LT

(066)8402

2204+87.5

2202+00

2203+00

2204+00

2205+00

2206+00

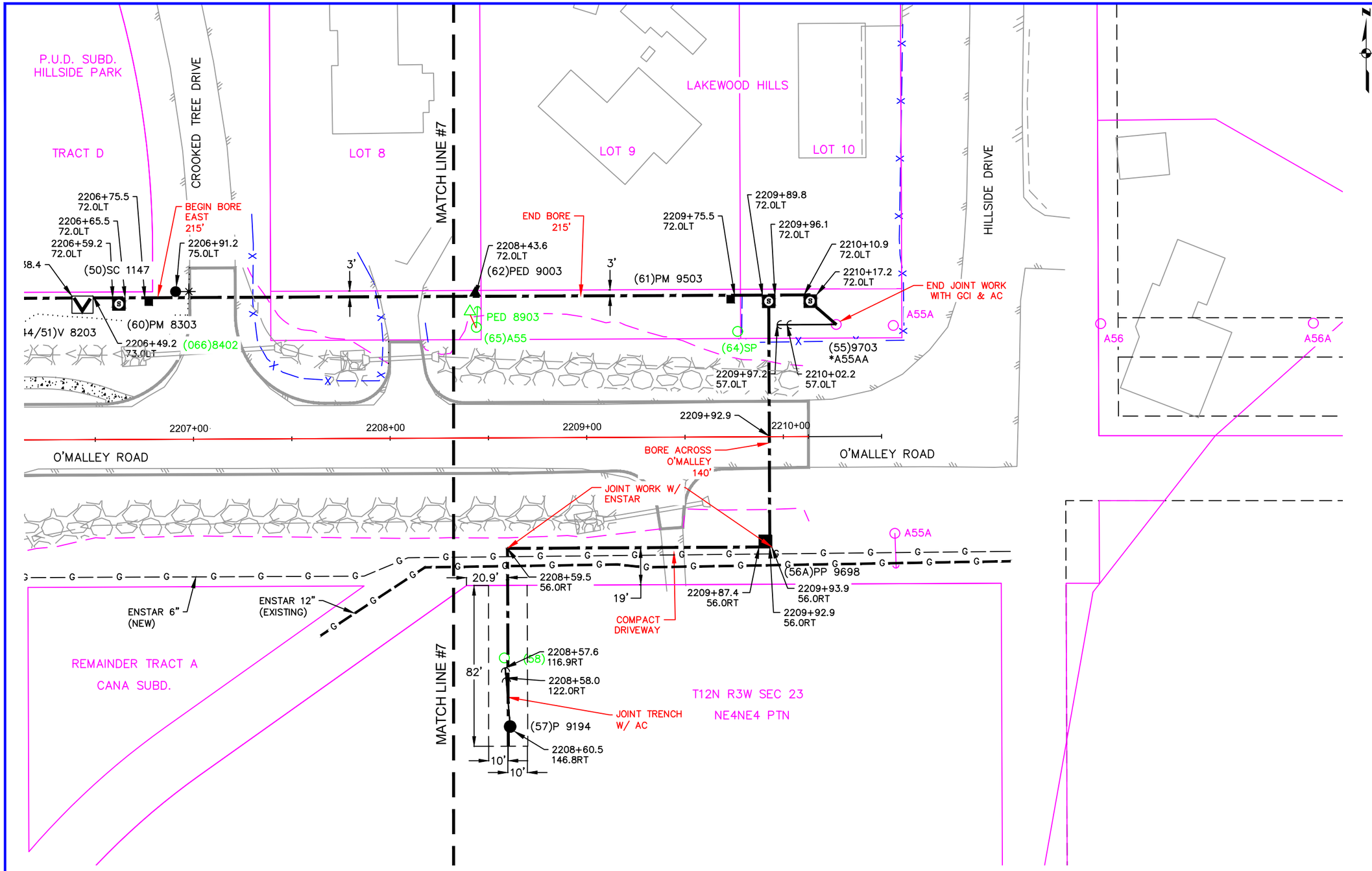
2207+00

2208+00

JOINT BORE
W/ AC & GCI

O'MALLEY ROAD

G G G



RIGHT-OF-WAY-8

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
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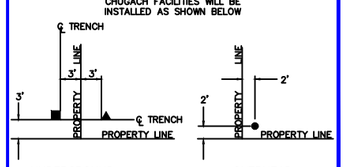
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

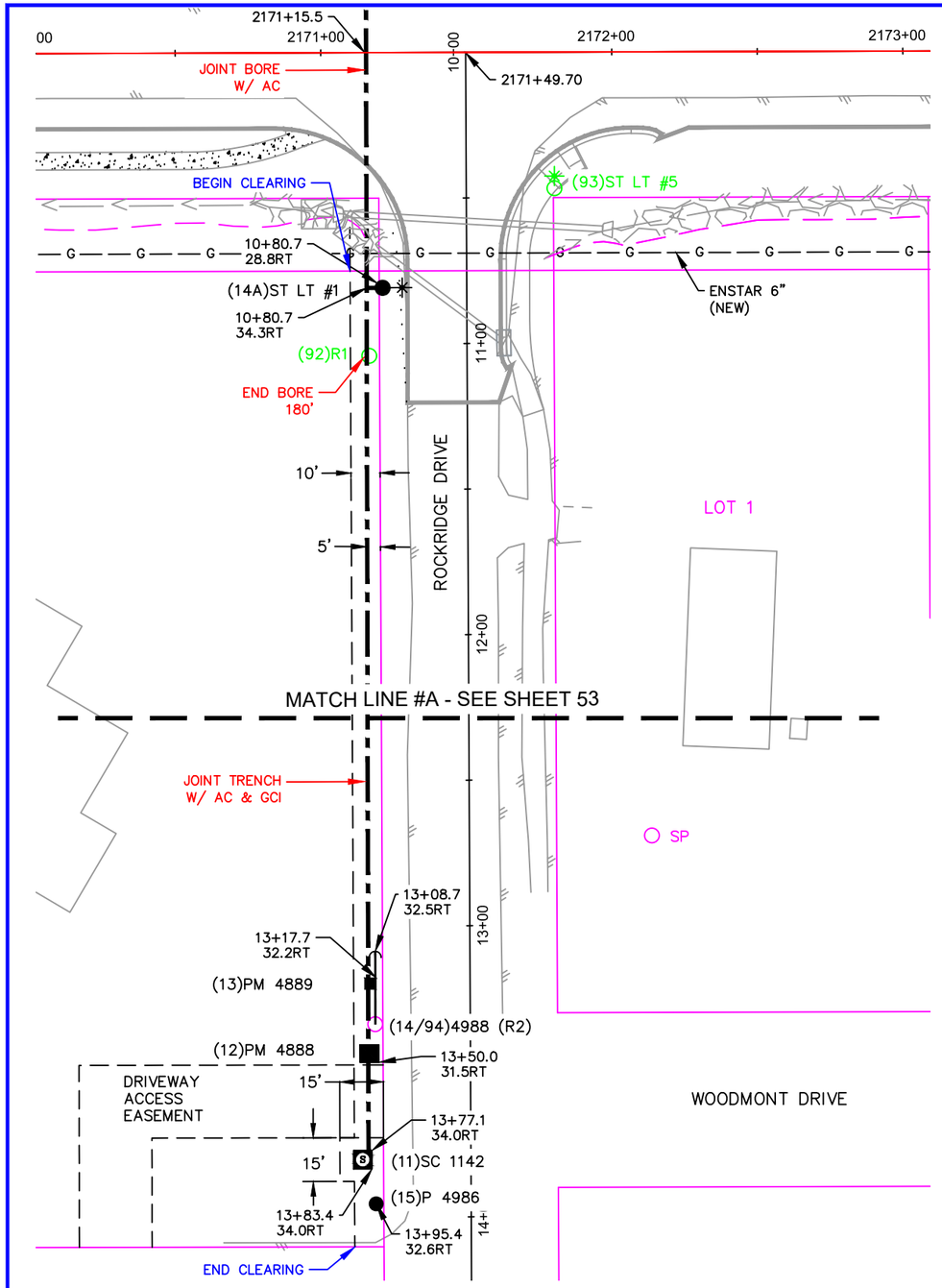
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
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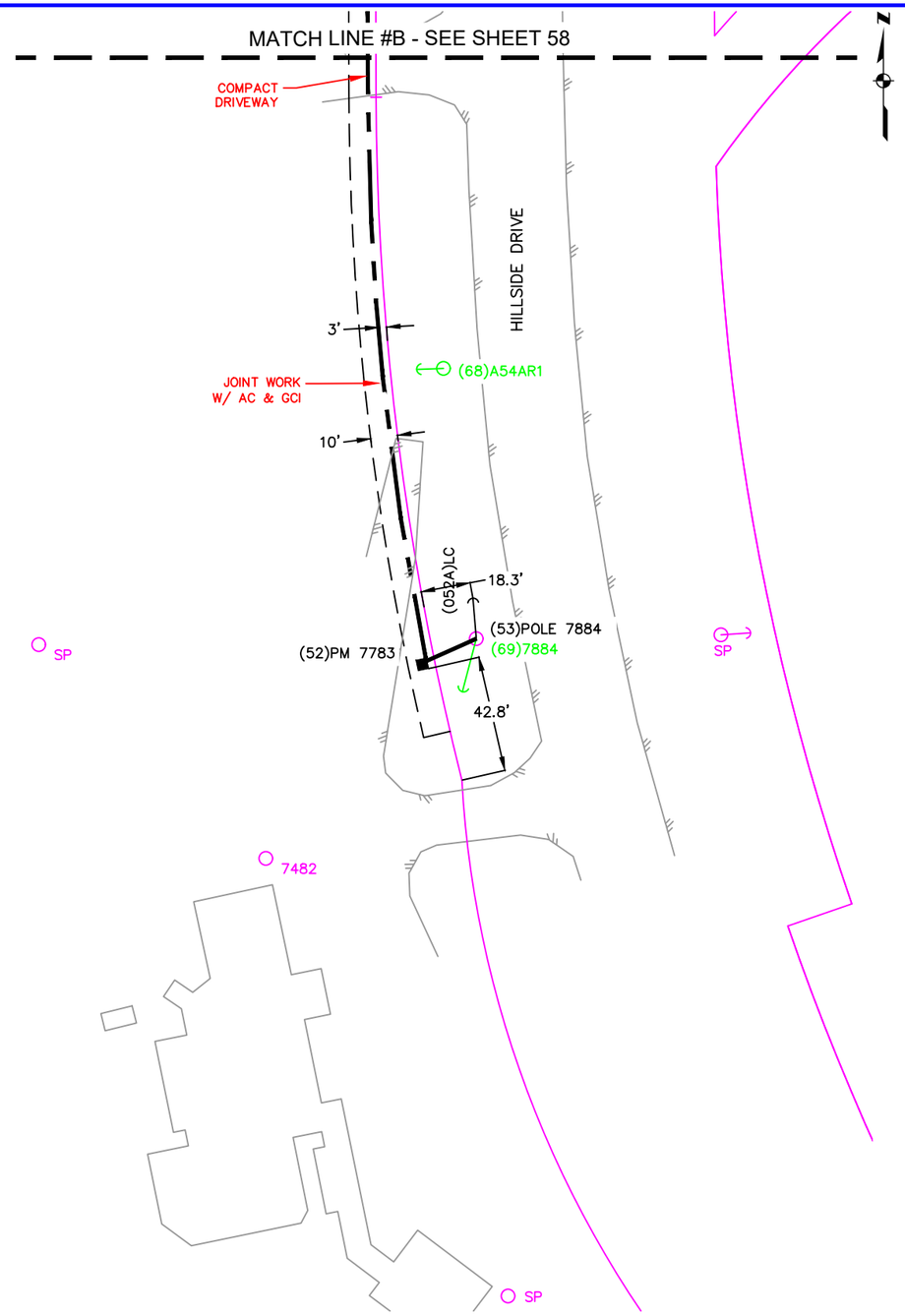
ENG. STAMP

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3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
RIGHT-OF-WAY

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 68 OF 93





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

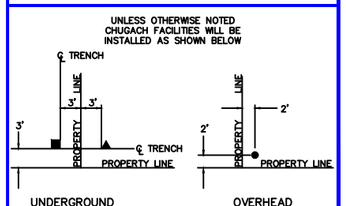
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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.

RIGHT-OF-WAY-9

PROJECT: STATE OF ALASKA - O'MALLEY ROAD - 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

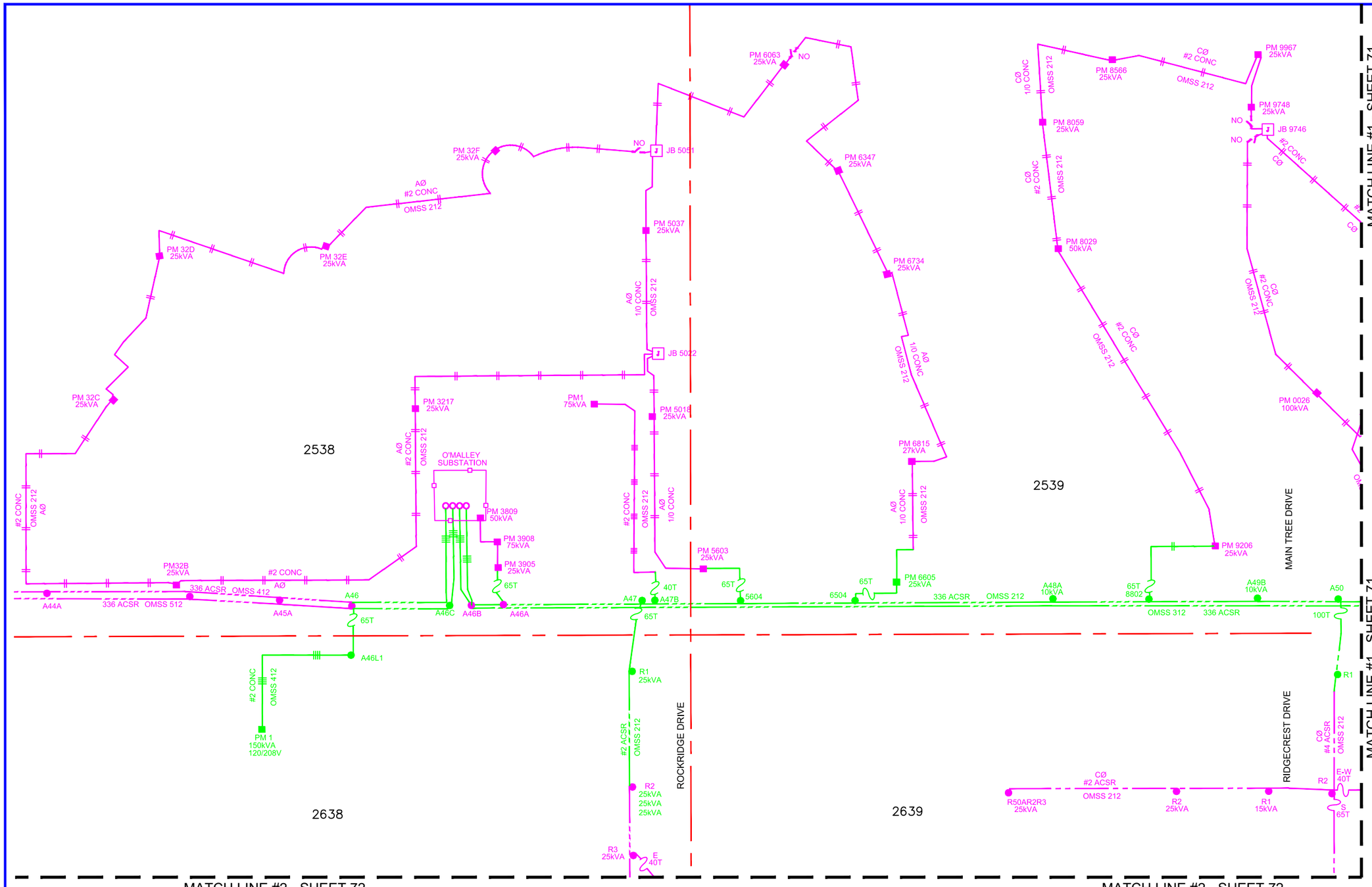
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	3/25/21	

ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA - O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
RIGHT-OF-WAY

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 69 OF 93



EXISTING PRIMARY CIRCUIT DIAGRAM

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

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

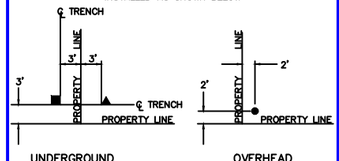
CONSTRUCTION LEGEND

NEW	EXISTING
PADMOUNT TRANSFORMER	
PEDESTAL	
POWER POLE	
STREET LIGHT	
WARNING POST	
1ø U.G. PRI. CONDUCTOR	
3ø U.G. PRI. CONDUCTOR	
U.G. SECONDARY CONDUCT.	
U.G. STREET LIGHT CONDUCT.	
1ø O.H. CONDUCTOR	
3ø O.H. CONDUCTOR	
JUNCTION BOX	
SPLICE POINT	
SPARE CONDUIT	
CONDUIT W/ CONDUCTOR	
SWITCH CABINET	

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	3/25/21	

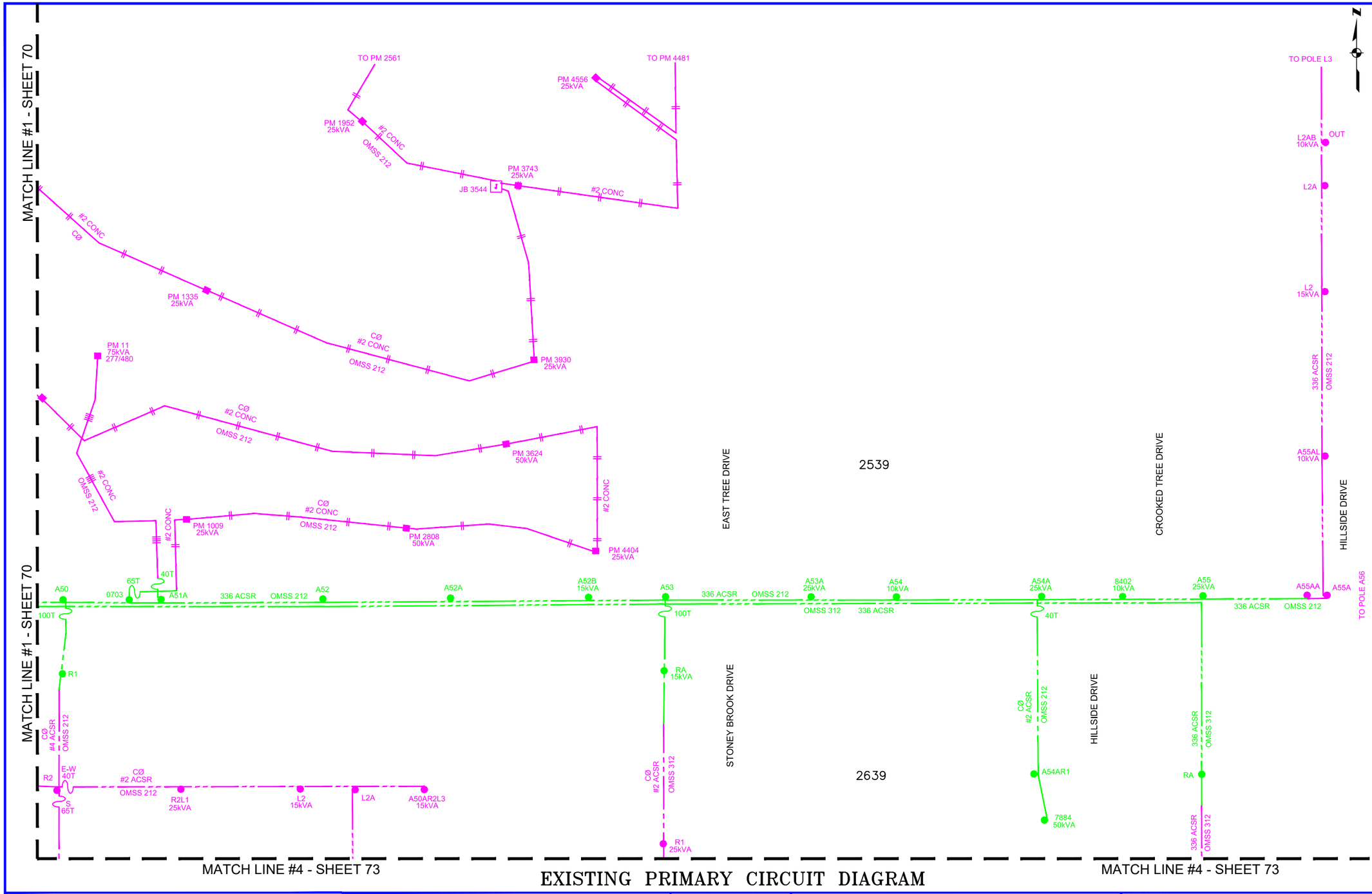
ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
PRIMARY CIRCUIT DIAGRAM

W.O. NO.:
C.W.P. REF. NO.: E1913870

SHEET 70 OF 93



EXISTING PRIMARY CIRCUIT DIAGRAM

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

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OR 552-5342
STATE STORM DRAINS & STREET LIGHTS..... 333-2411

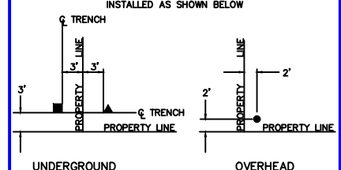
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

R.O.W. LEGEND

R.O.W. LINE
CENTERLINE OF TRENCH

UNLESS OTHERWISE NOTED
CHUGACH FACILITIES WILL BE
INSTALLED AS SHOWN BELOW



UNDERGROUND OVERHEAD

Typical Staking
N.T.S.

PROJECT: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

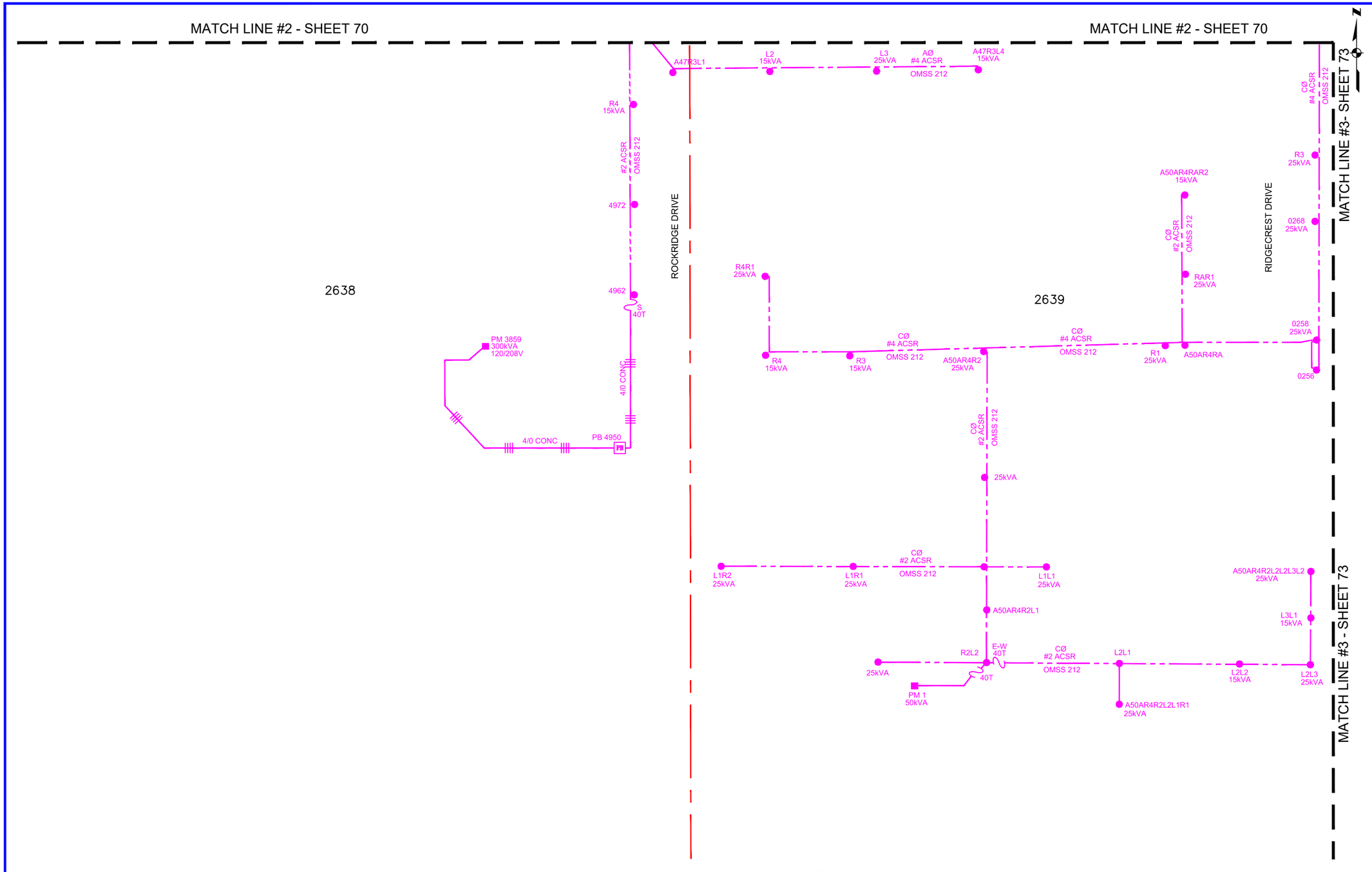
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Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
PRIMARY CIRCUIT DIAGRAM

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 71 OF 93



EXISTING PRIMARY CIRCUIT DIAGRAM

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

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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

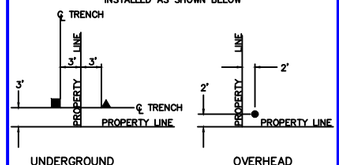
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

R.O.W. LEGEND

R.O.W. LINE
CENTERLINE OF TRENCH

UNLESS OTHERWISE NOTED
CHUGACH FACILITIES WILL BE
INSTALLED AS SHOWN BELOW



UNDERGROUND OVERHEAD

Typical Staking
N.T.S.

PROJECT: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	3/25/21	

ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE

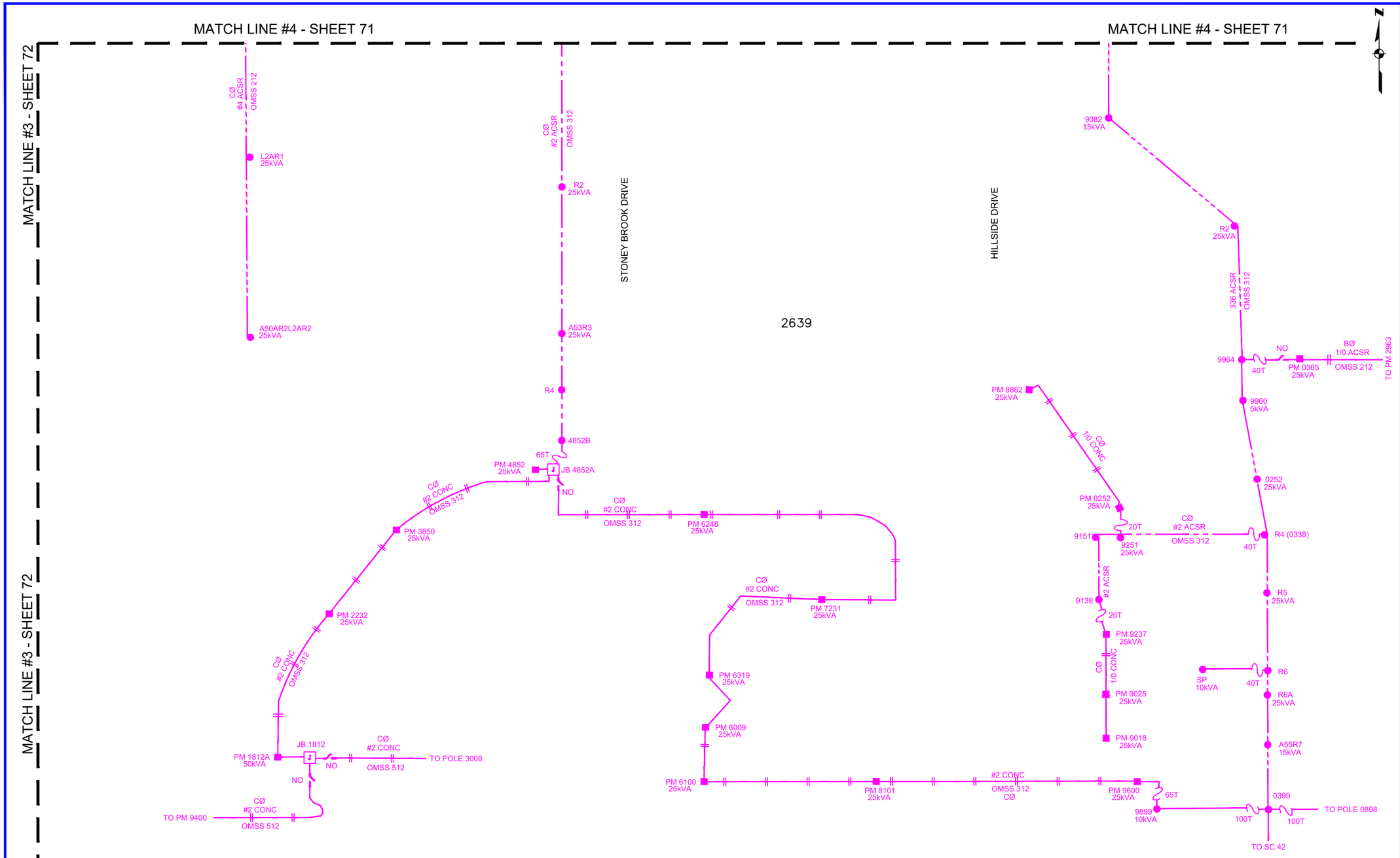
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:

STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
PRIMARY CIRCUIT DIAGRAM

W.O. NO.: E1913870
C.W.P. REF. NO.:

SHEET 72 OF 93



EXISTING PRIMARY CIRCUIT DIAGRAM

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

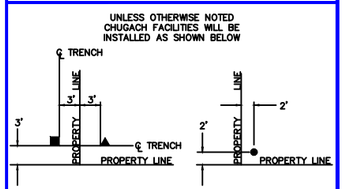
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: **STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION**
DESIGNER/PROJECT ENGINEER: **M. ELLIOTT** W.O. #: **E1913870**

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	3/25/21	

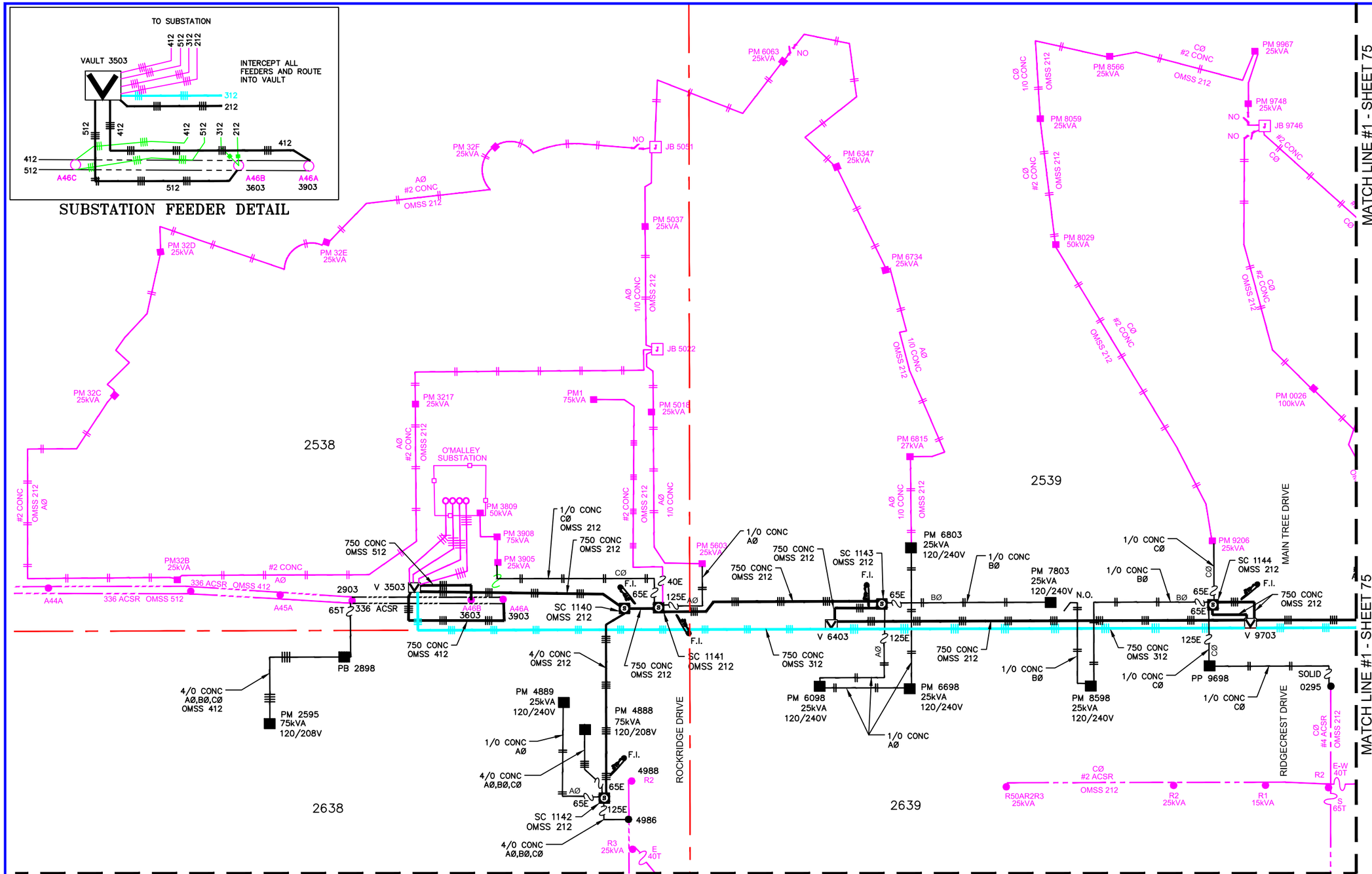
ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
PRIMARY CIRCUIT DIAGRAM

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 73 OF 93

SUBSTATION FEEDER DETAIL



NEW PRIMARY CIRCUIT DIAGRAM

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

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

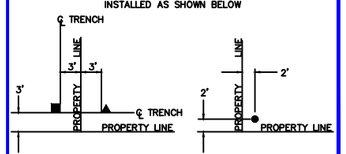
CONSTRUCTION LEGEND

NEW	EXISTING
PADMOUNT TRANSFORMER	
PEDESTAL	
POWER POLE	
STREET LIGHT	
WARNING POST	
1ø U.G. PRI. CONDUCTOR	
3ø U.G. PRI. CONDUCTOR	
U.G. SECONDARY CONDUCT.	
U.G. STREET LIGHT CONDUCT.	
1ø O.H. CONDUCTOR	
3ø O.H. CONDUCTOR	
JUNCTION BOX	
SPLICE POINT	
SPARE CONDUIT	
CONDUIT W/ CONDUCTOR	
SWITCH CABINET	

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
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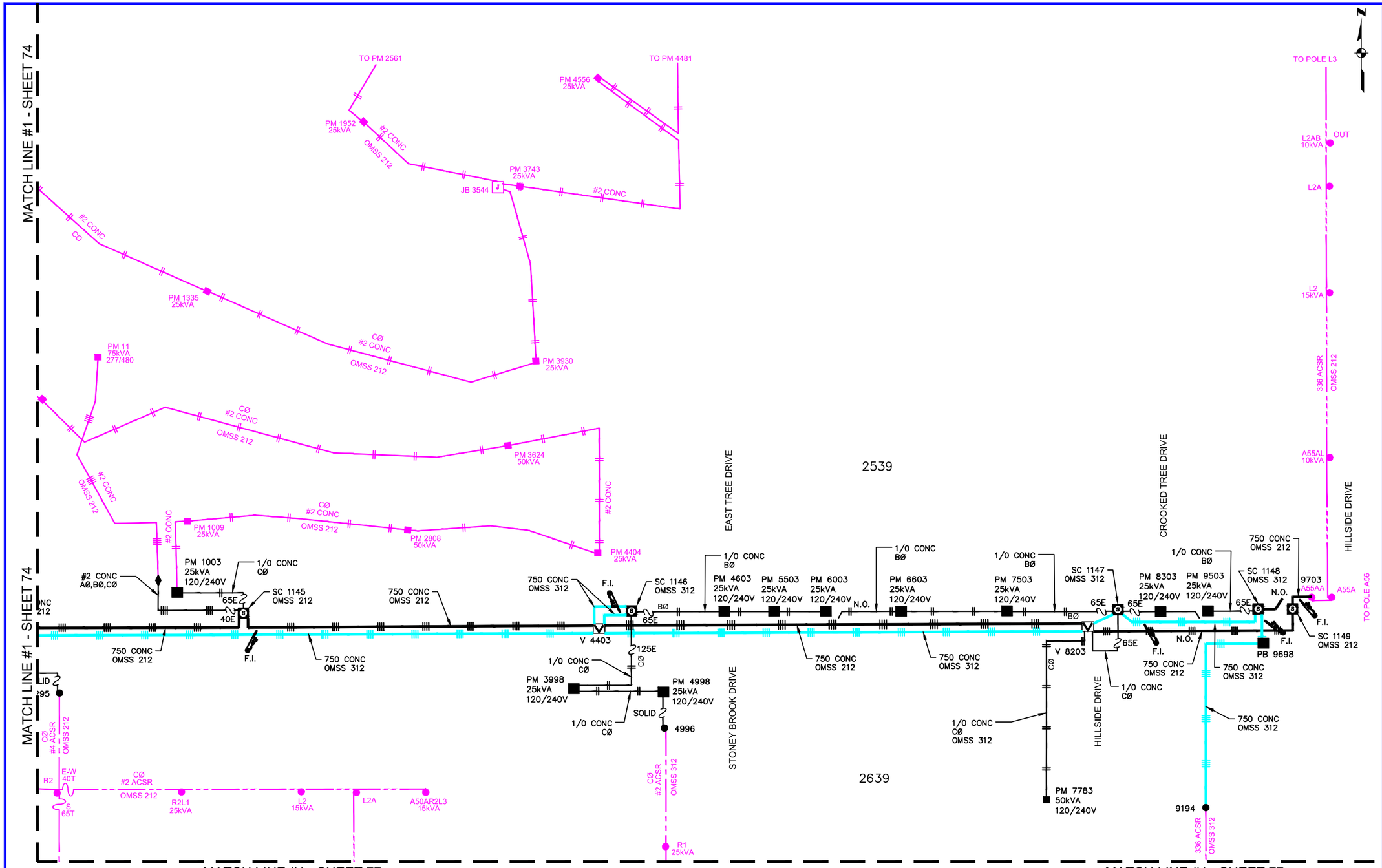
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CHUGACH
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3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
PRIMARY CIRCUIT DIAGRAM

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 74 OF 93



NEW PRIMARY CIRCUIT DIAGRAM

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!

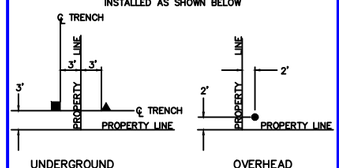
LOCATE CALL CENTER OF ALASKA (LCCA)	
ANCHORAGE AREA	278-3121
STATEWIDE	800-478-3121
AT&T ALASCOM INC.	264-8465
ALASKA RAILROAD UTILITIES	265-2457
ALYESKA CABLE TV (GIRDWOOD)	783-2982
KULIS AIR BASE	249-1499
MILITARY PETROLEUM FUEL LINES	552-2334 OR 552-5342
STATE STORM DRAINS & STREET LIGHTS	333-2411

CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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

UNLESS OTHERWISE NOTED
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INSTALLED AS SHOWN BELOW



UNDERGROUND OVERHEAD

Typical Staking
N.T.S.

PROJECT: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

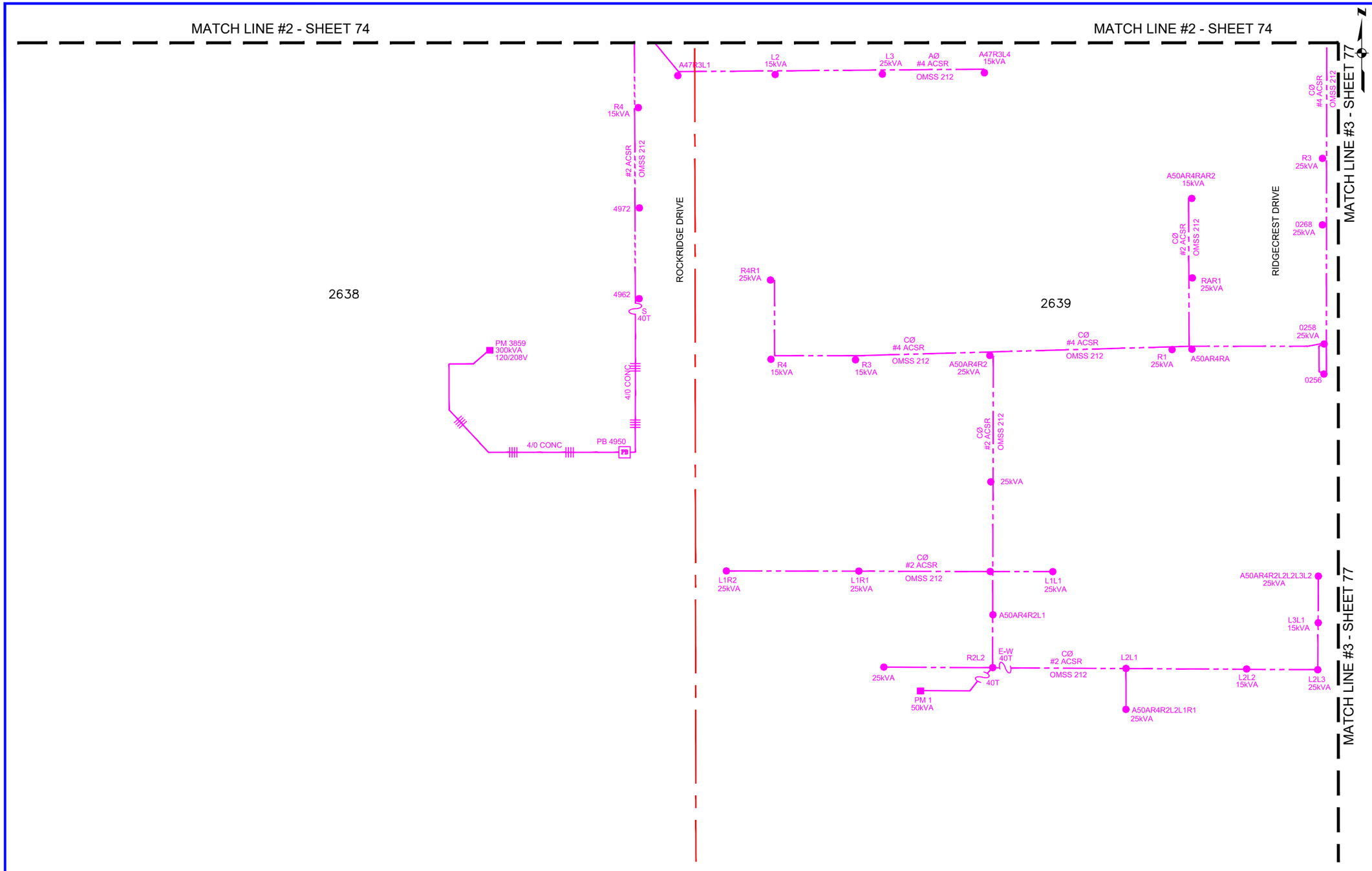
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POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
PRIMARY CIRCUIT DIAGRAM

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 75 OF 93



NEW PRIMARY CIRCUIT DIAGRAM

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

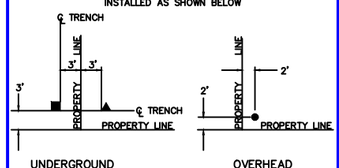
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

R.O.W. LEGEND

R.O.W. LINE
CENTERLINE OF TRENCH

UNLESS OTHERWISE NOTED
CHUGACH FACILITIES WILL BE
INSTALLED AS SHOWN BELOW



UNDERGROUND OVERHEAD

Typical Staking
N.T.S.

PROJECT: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

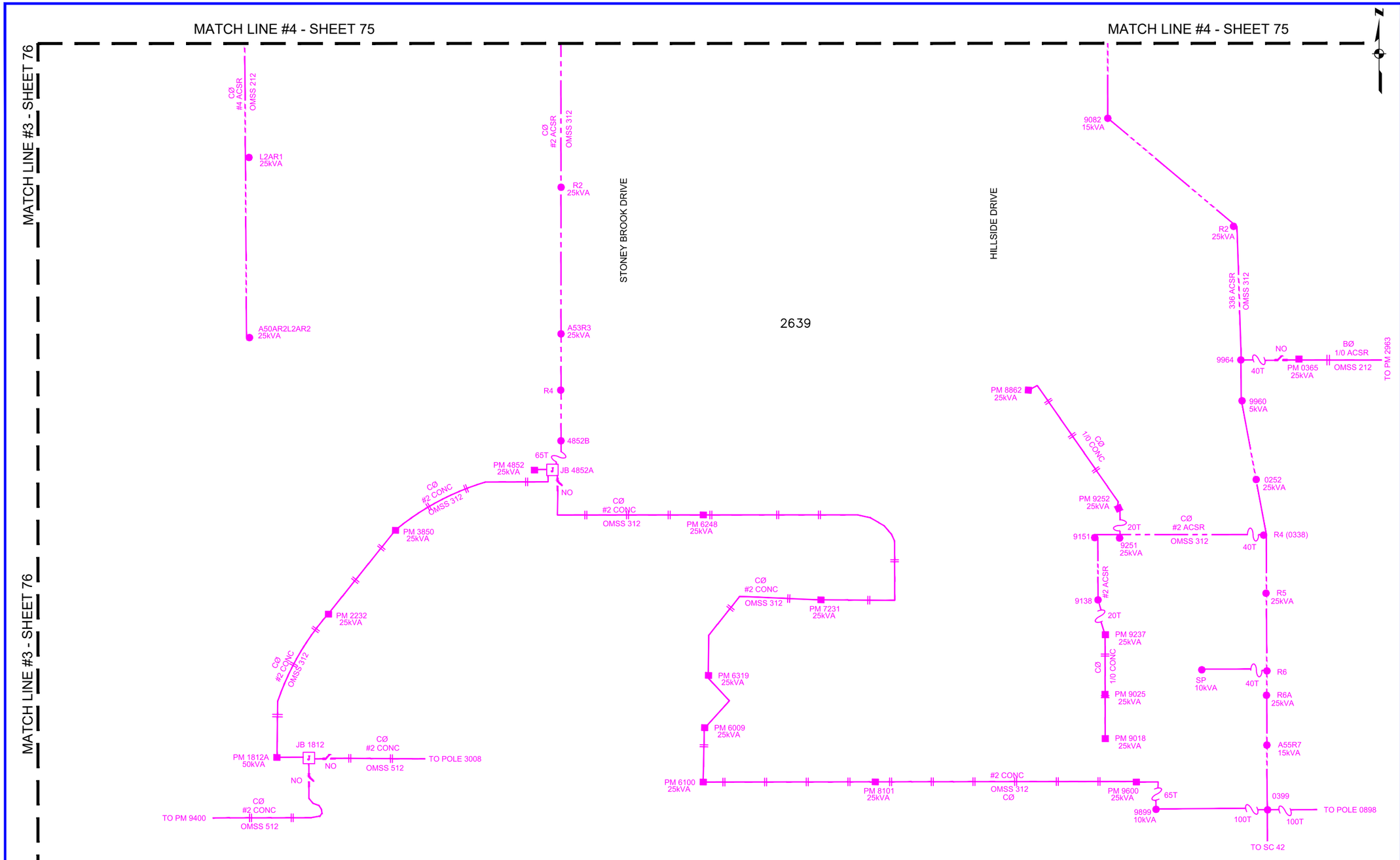
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	3/25/21	

ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
PRIMARY CIRCUIT DIAGRAM

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 76 OF 93



NEW PRIMARY CIRCUIT DIAGRAM

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!

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

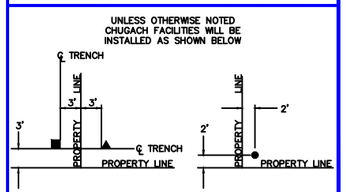
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

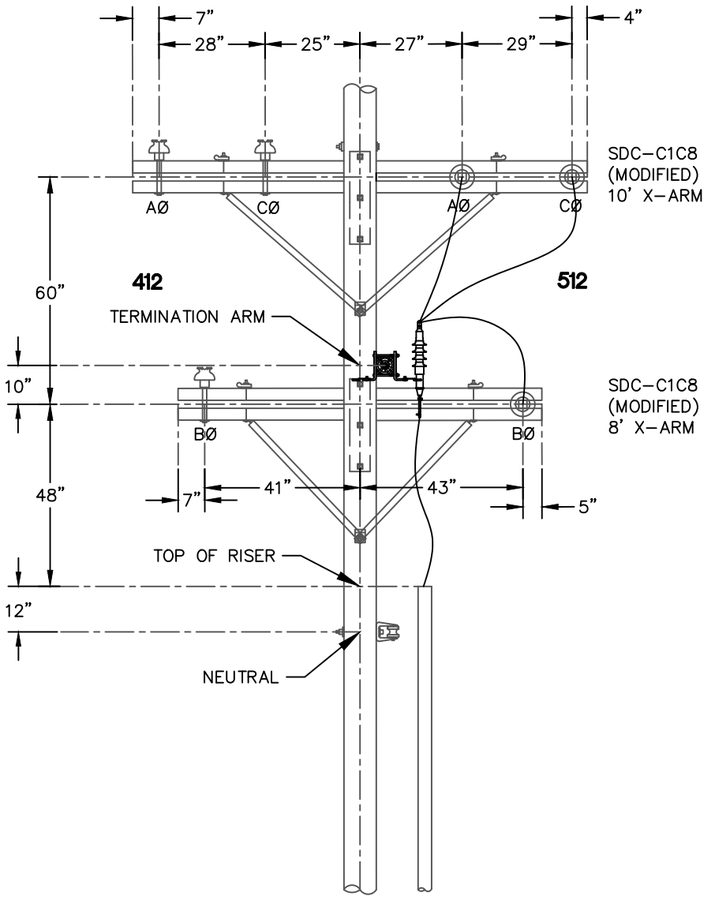
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	3/25/21	

ENG. STAMP

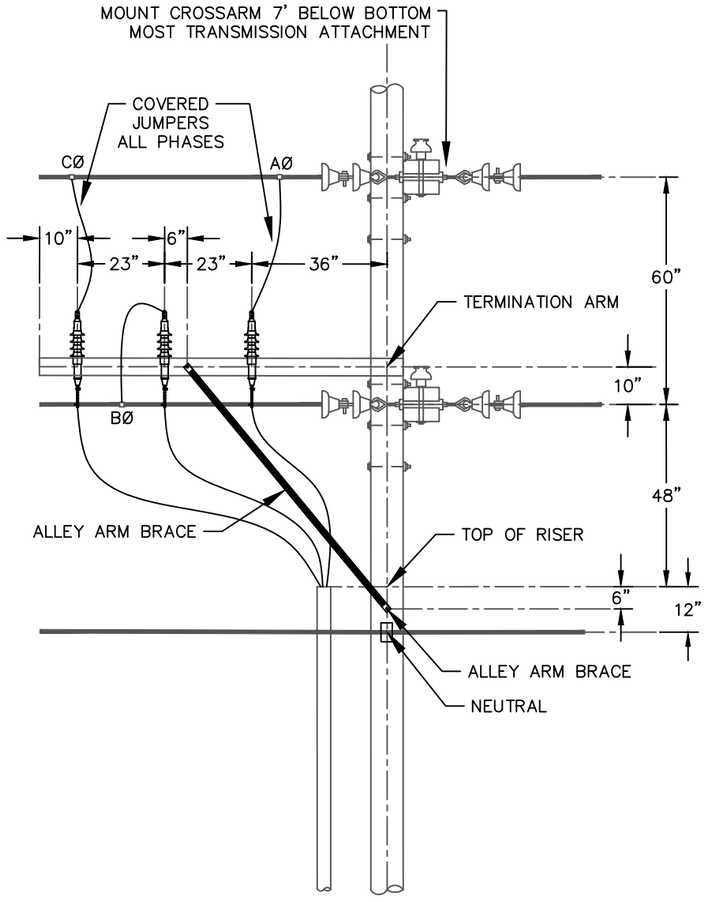
CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

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GRID: 2538, 2539, 2638, 2639 MAP: 1203–14C&D, 1203–23A&B
FEEDER: O'MALLEY 212 & 312
PRIMARY CIRCUIT DIAGRAM

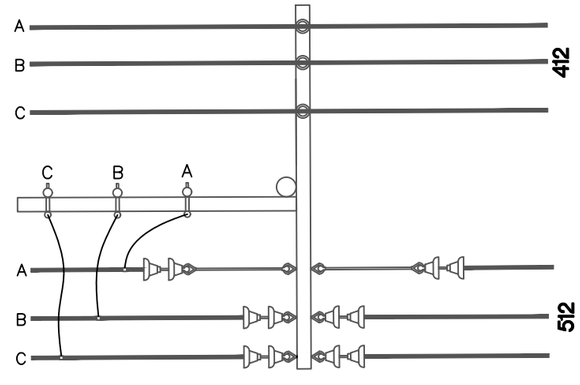
W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 77 OF 93



LOOKING EAST



LOOKING NORTH



PLAN VIEW

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

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

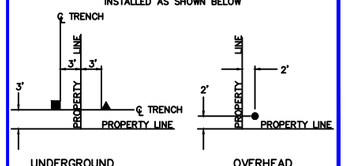
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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.

FRAMING DETAIL – POLE 3603

PROJECT: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT ME W.O. #: E1913670

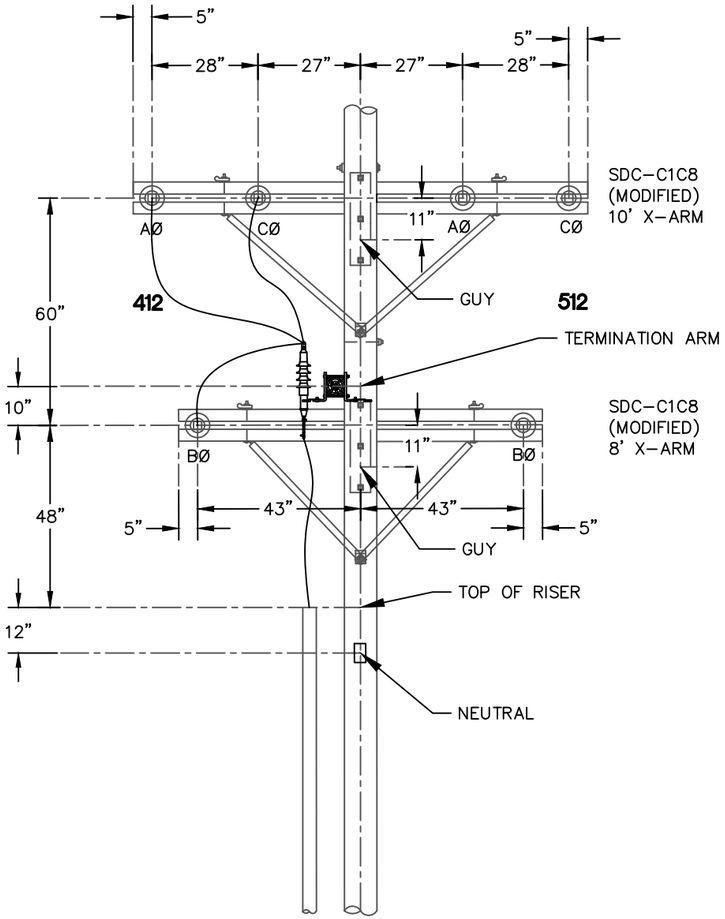
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Miller 3/25/21	

ENG. STAMP

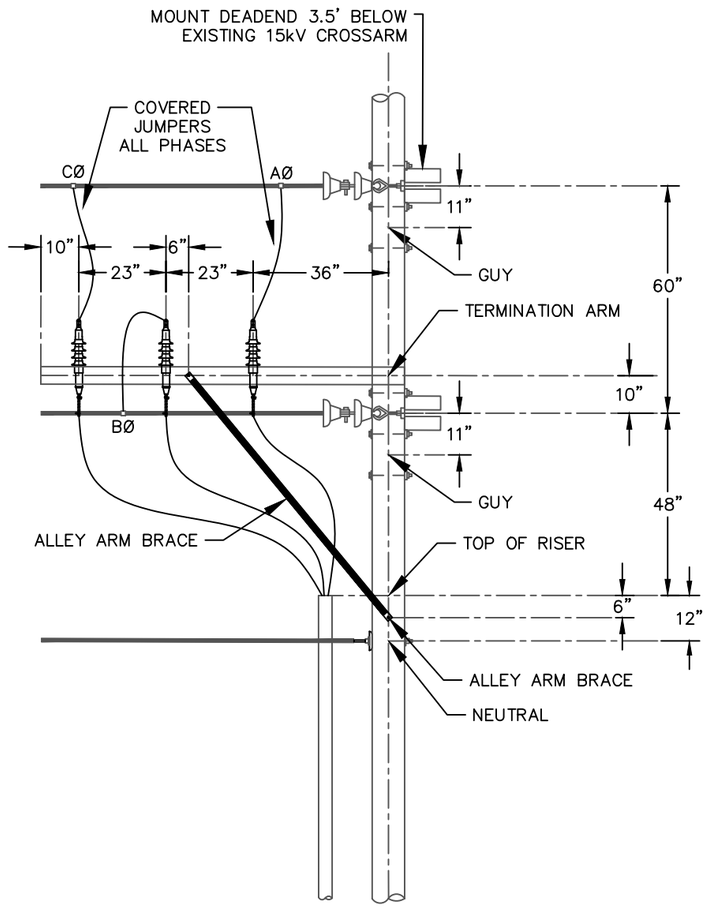
CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203–14C&D, 1203–23A&B
FEEDER: O'MALLEY 212 & 312
FRAMING DETAILS

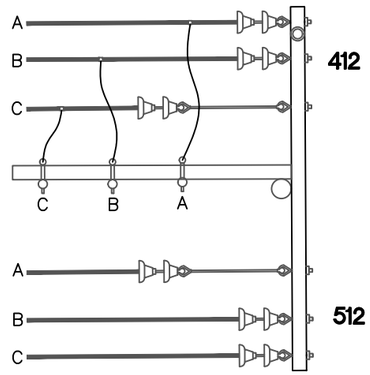
W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 78 OF 93



LOOKING EAST



LOOKING NORTH



PLAN VIEW

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!

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STATE STORM DRAINS & STREET LIGHTS	333–2411

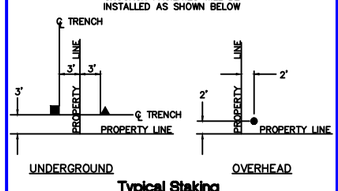
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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.

FRAMING DETAIL – POLE 3903

PROJECT: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT ME W.O. #: E1913870

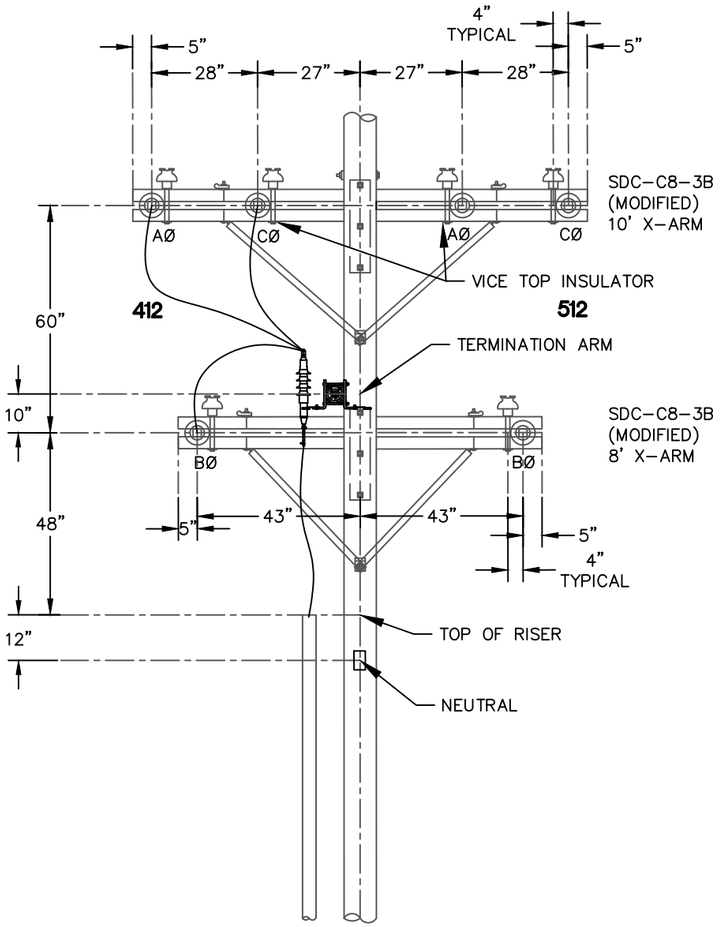
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Mills 3/25/21	

ENG. STAMP

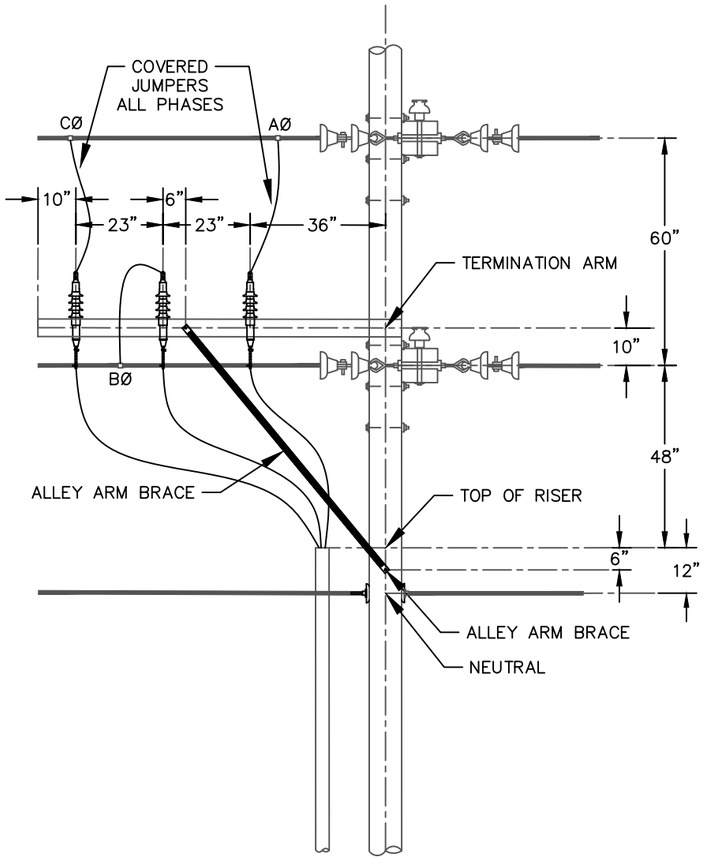
CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203–14C&D, 1203–23A&B
FEEDER: O'MALLEY 212 & 312
FRAMING DETAILS

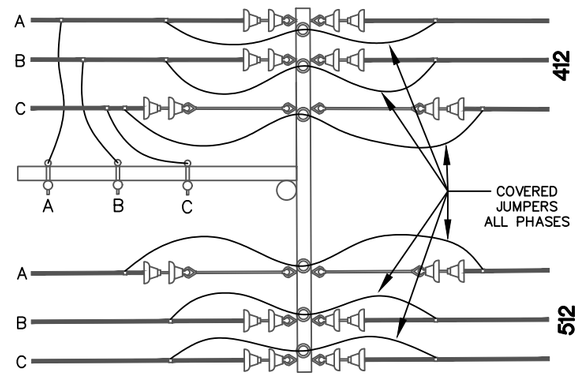
W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 79 OF 93



LOOKING EAST



LOOKING NORTH



PLAN VIEW

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

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STATE STORM DRAINS & STREET LIGHTS	333-2411

CONSTRUCTION LEGEND

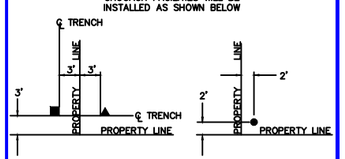
NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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.

FRAMING DETAIL – POLE 2903

PROJECT: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION

DESIGNER/PROJECT ENGINEER: M. ELLIOTT ME W.O. #: E1913870

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Mills 3/25/21	

ENG. STAMP

CHUGACH POWERING ALASKA'S FUTURE

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

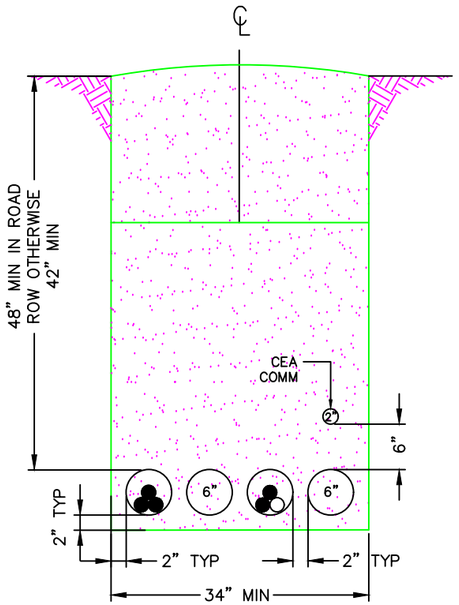
DRAWING NAME:

STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
FRAMING DETAILS

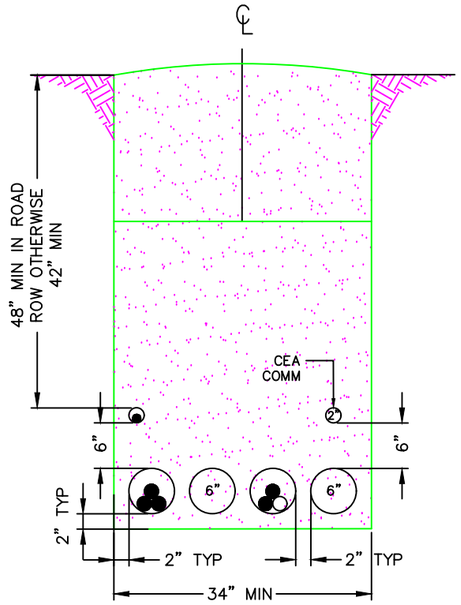
W.O. NO.: E1913870
C.W.P. REF. NO.:

SHEET 80 OF 93

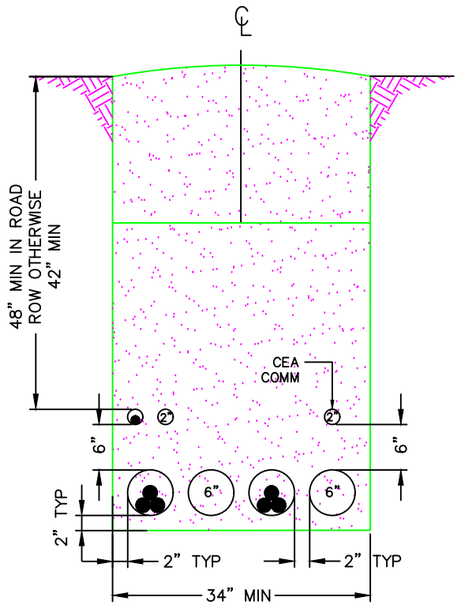
DETAIL A



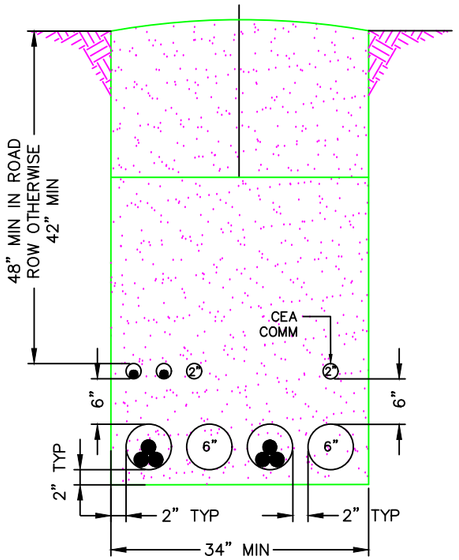
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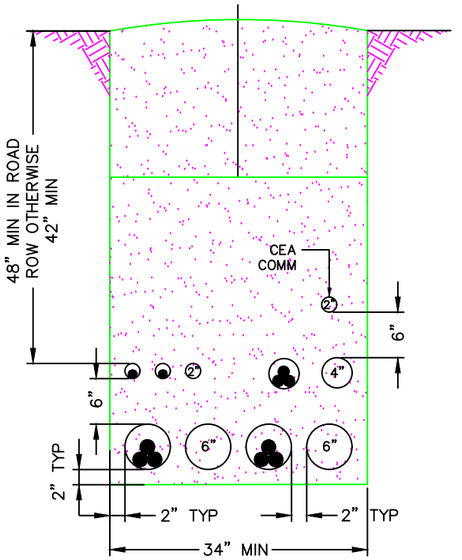
DETAIL C



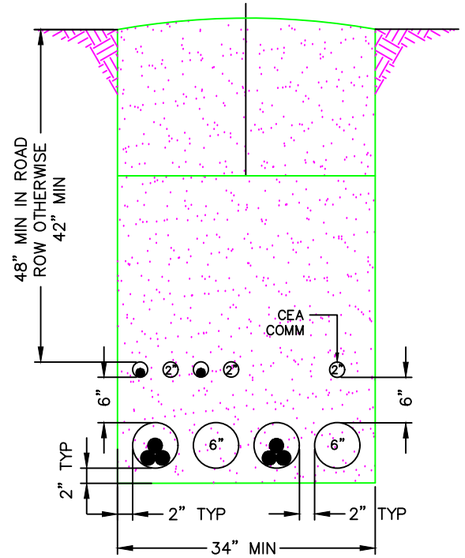
DETAIL D



DETAIL E



DETAIL F



TRENCH DETAILS – FACING EAST/WEST

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

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STATEWIDE..... 800-478-3121
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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

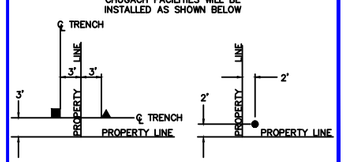
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	3/25/21	

ENG. STAMP

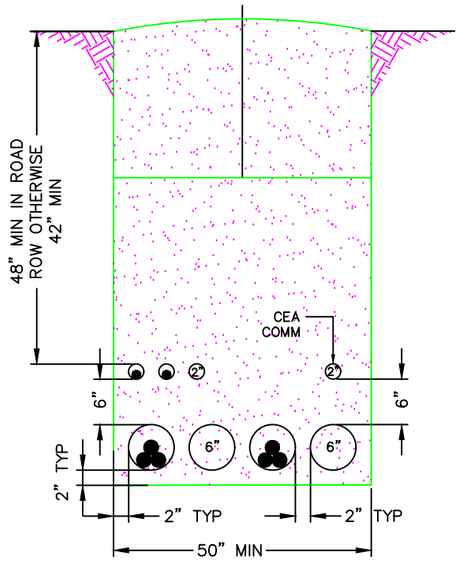
CHUGACH
POWERING ALASKA'S FUTURE

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

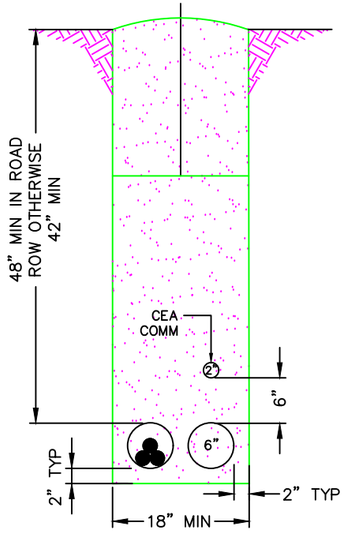
DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
TRENCH DETAILS

W.O. NO.:
C.W.P. REF. NO.: E1913870

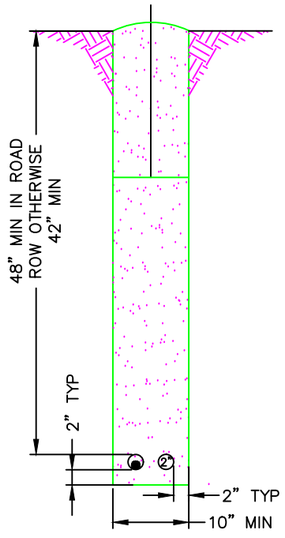
DETAIL G



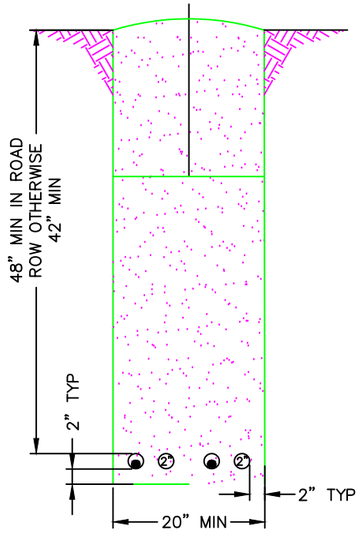
DETAIL H



DETAIL I



DETAIL J



TRENCH DETAILS – FACING EAST/WEST

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

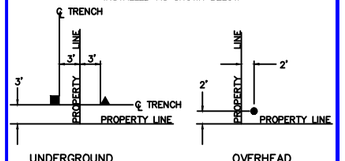
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

R.O.W. LEGEND

R.O.W. LINE
CENTERLINE OF TRENCH

UNLESS OTHERWISE NOTED
CHUGACH FACILITIES WILL BE
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Typical Staking
N.T.S.

PROJECT: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

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0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Miller 3/25/21	

ENG. STAMP

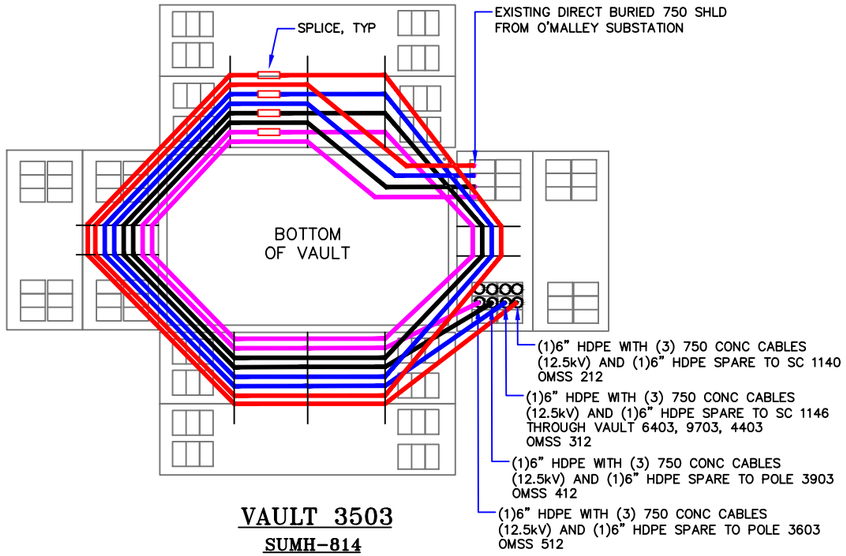
CHUGACH
POWERING ALASKA'S FUTURE

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

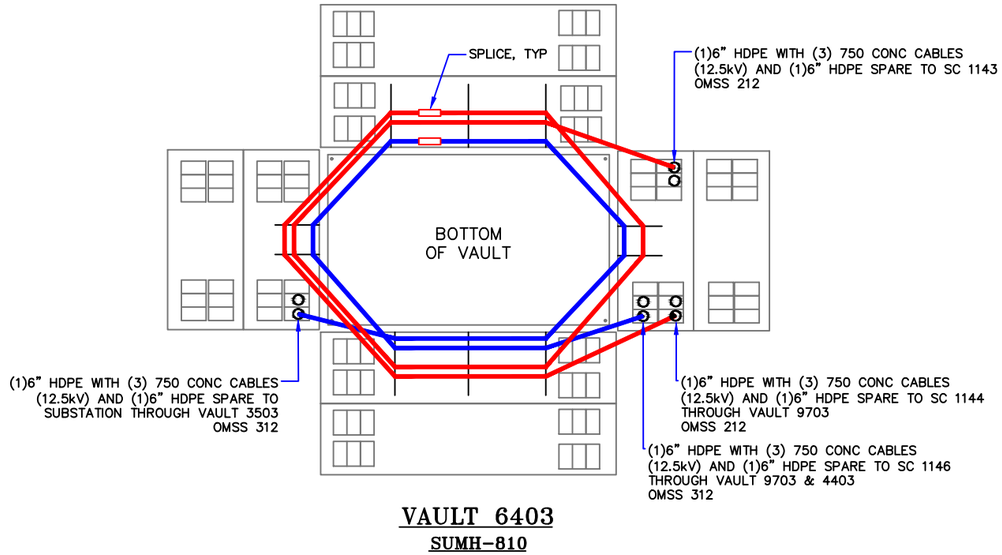
DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
TRENCH DETAILS

W.O. NO.: E1913870
C.W.P. REF. NO.:

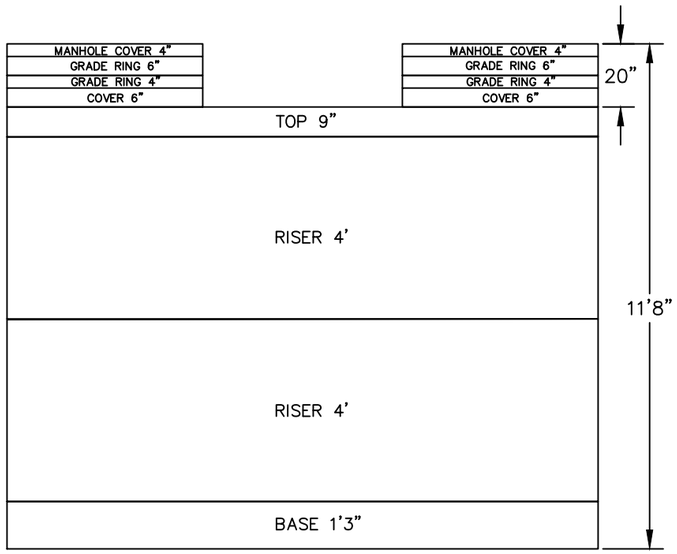
SHEET 82 OF 93



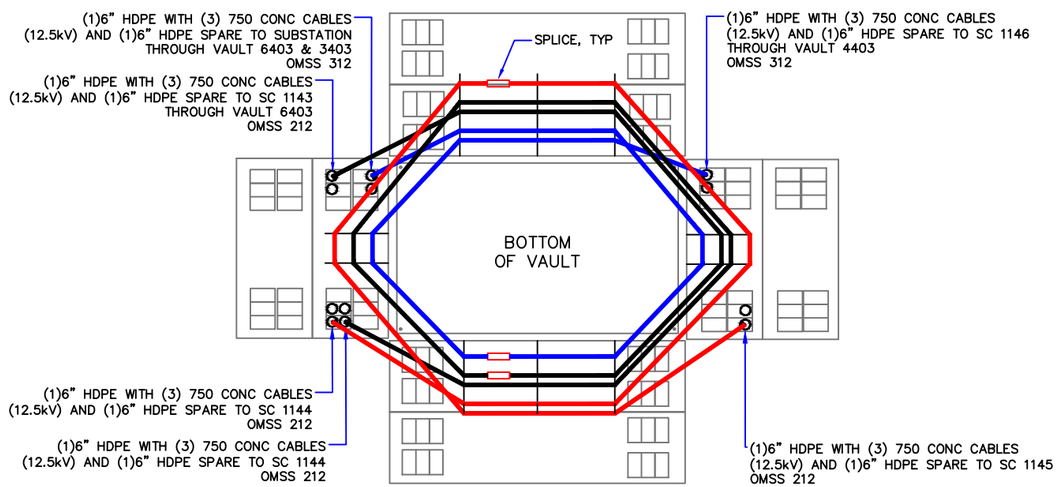
VAULT 3503
SUMH-814



VAULT 6403
SUMH-810



VAULT 3503
SUMH-814



VAULT 9703
SUMH-810

VAULT DETAILS

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

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

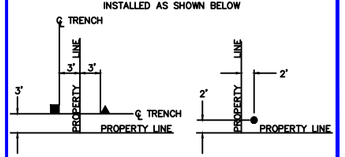
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

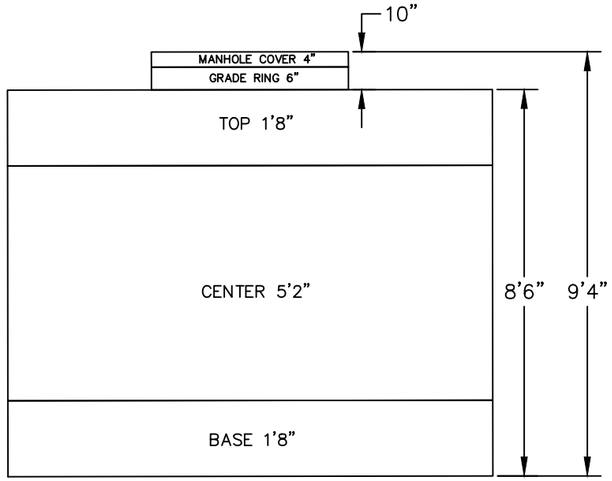
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Miller 3/25/21	

ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

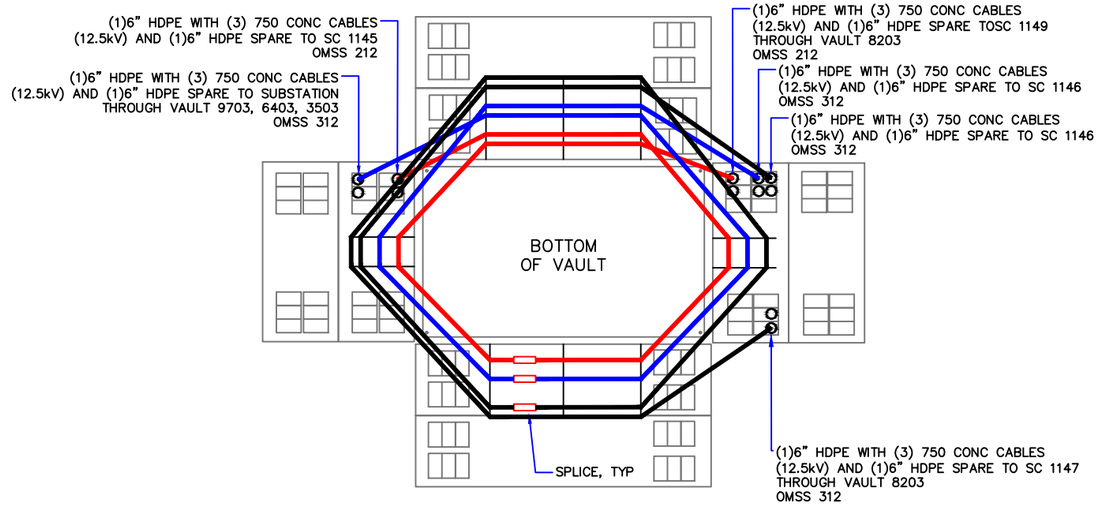
DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
VAULT DETAILS

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 83 OF 93



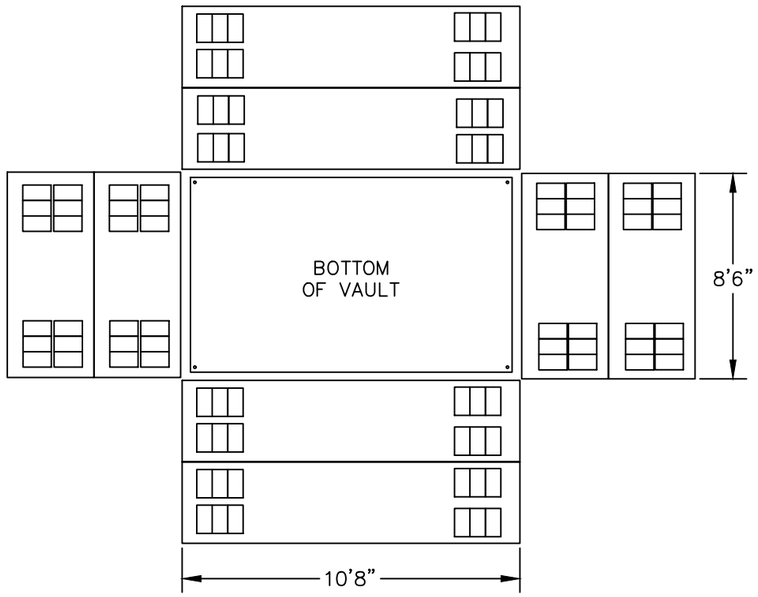
VAULTS: 6403, 9703, 4403 & 8203

SUMH-810



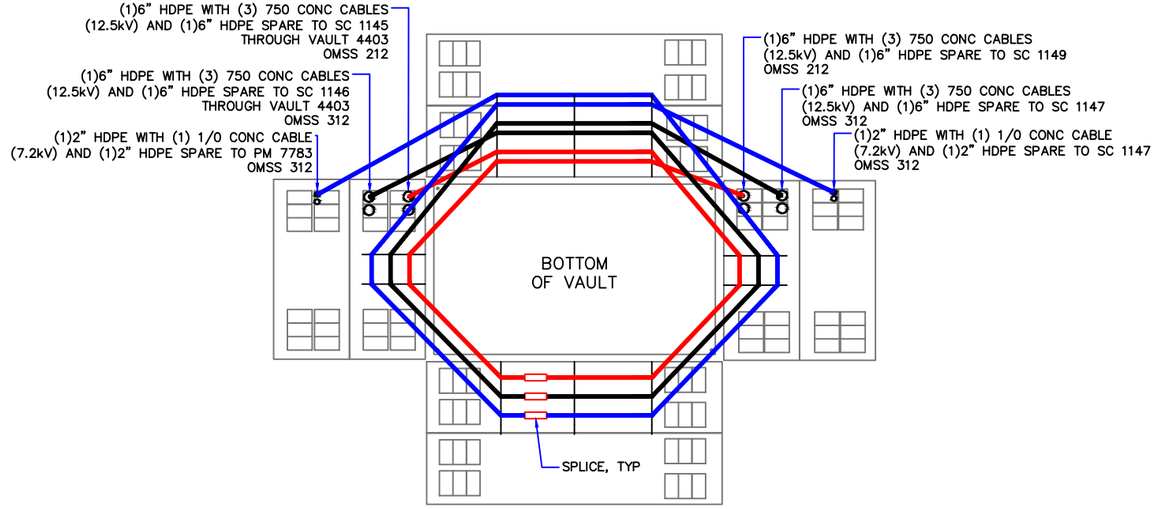
VAULT 4403

SUMH-810



TOP VIEW

SUMH-810



VAULT 8203

SUMH-810

VAULT DETAILS

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

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KULIS AIR BASE 249-1499
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STATE STORM DRAINS & STREET LIGHTS 333-2411

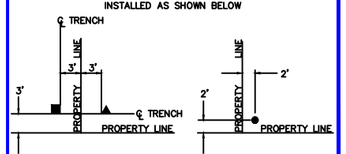
CONSTRUCTION LEGEND

NEW	EXISTING	
		PADMOUNT TRANSFORMER
		PEDESTAL
		POWER POLE
		STREET LIGHT
		WARNING POST
		1Ø U.G. PRI. CONDUCTOR
		3Ø U.G. PRI. CONDUCTOR
		U.G. SECONDARY CONDUCT.
		U.G. STREET LIGHT CONDUCT.
		1Ø O.H. CONDUCTOR
		3Ø O.H. CONDUCTOR
J	J	JUNCTION BOX
		SPLICE POINT
		SPARE CONDUIT
		CONDUIT W/ CONDUCTOR
S	S	SWITCH CABINET

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT ME W.O. #: E1913870

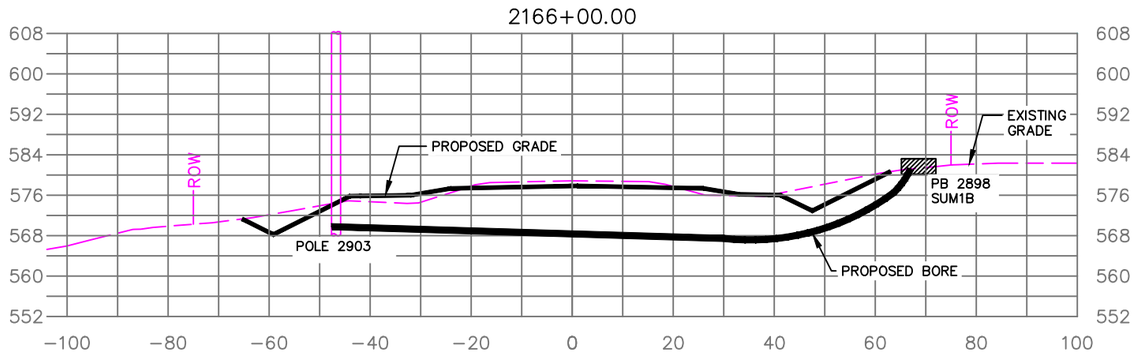
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Miller 3/25/21	

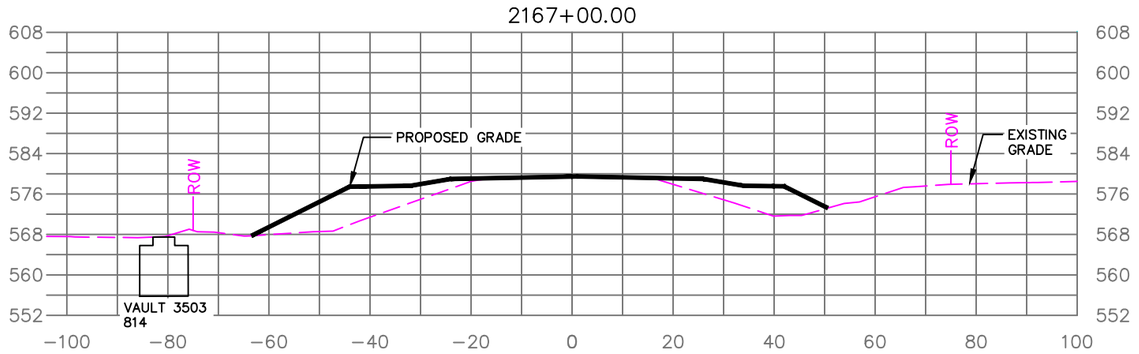
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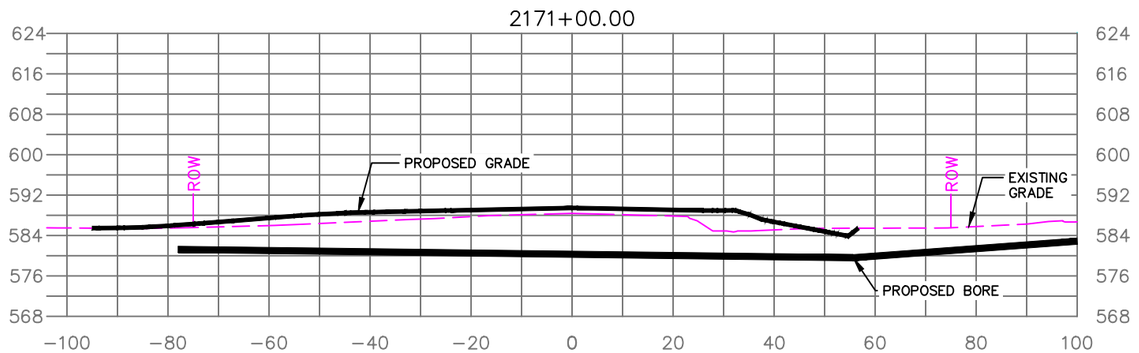
CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
VAULT DETAILS

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 84 OF 93







NOTES
- TYPICAL: PROPOSED BORE PROFILE TO BE ADJUSTED AT THE DISCRETION OF THE DRILLING CONTRACTOR.
- TYPICAL: EQUIPMENT LOCATIONS SHOWN ARE APPROXIMATE AND DO NOT REFLECT THE EXACT CROSS SECTION OF THE PROPOSED EQUIPMENT.

CROSS SECTIONS

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)
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STATEWIDE..... 800–478–3121
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ALASKA RAILROAD UTILITIES..... 265–2457
ALYESKA CABLE TV (GIRDWOOD)..... 783–2982
KULIS AIR BASE..... 249–1499
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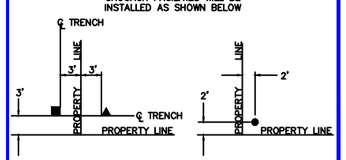
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
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	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
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J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

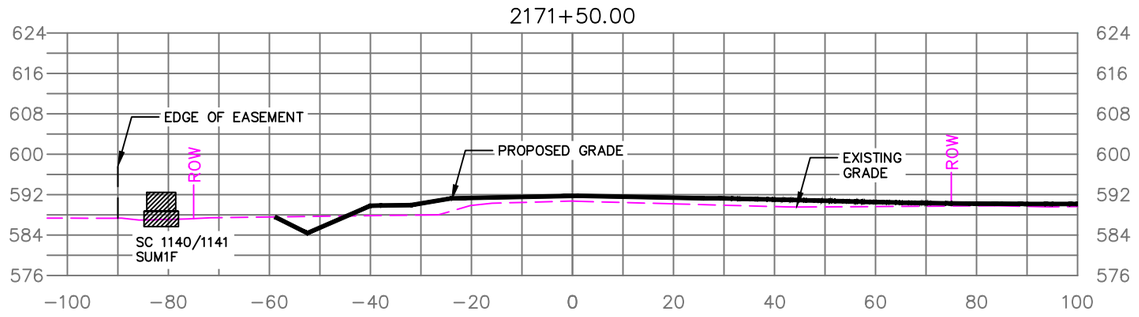
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0	ISSUED FOR CONSTRUCTION	ME 03/25/21	3/25/21	

ENG. STAMP

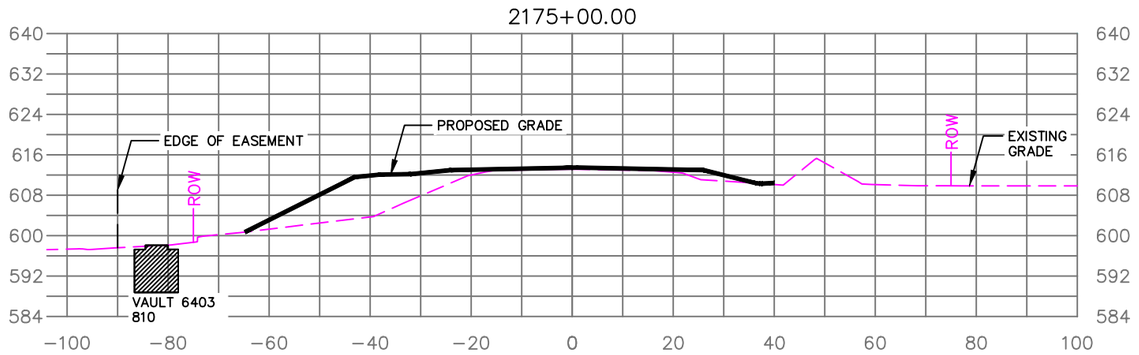
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GRID: 2538, 2539, 2638, 2639 MAP: 1203–14C&D, 1203–23A&B
FEEDER: O'MALLEY 212 & 312
CROSS SECTION DETAILS

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 85 OF 93







CROSS SECTIONS

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

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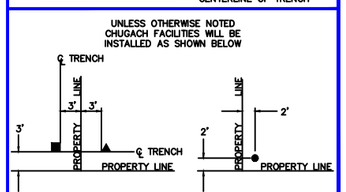
CONSTRUCTION LEGEND

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	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

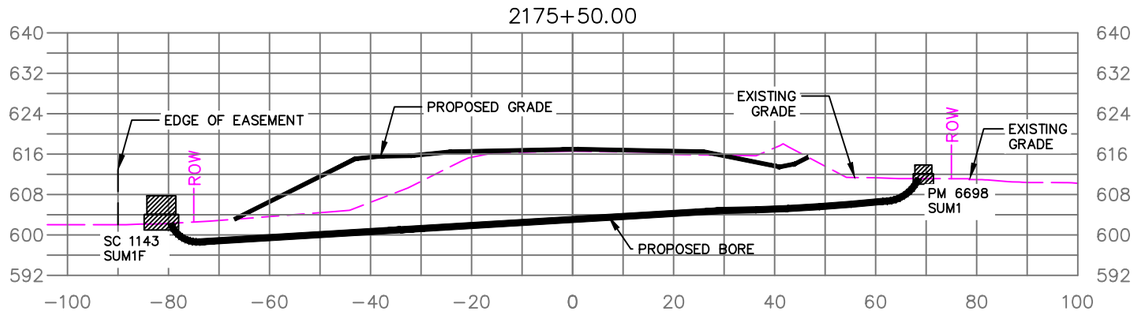
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	3/25/21	

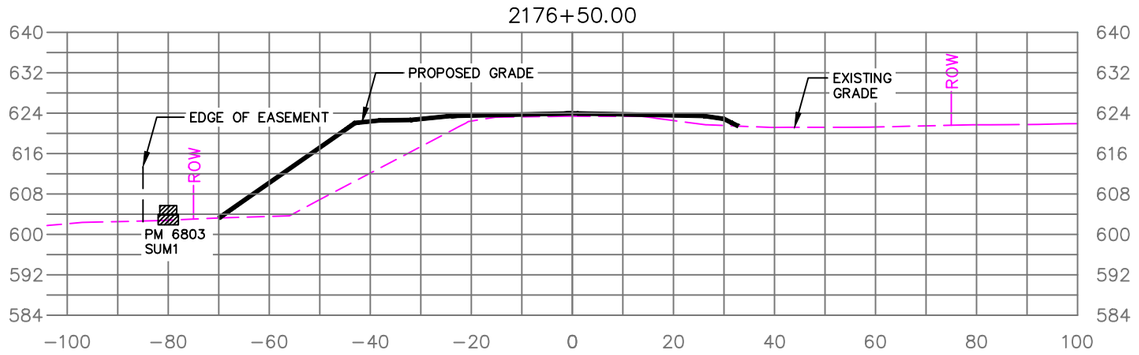
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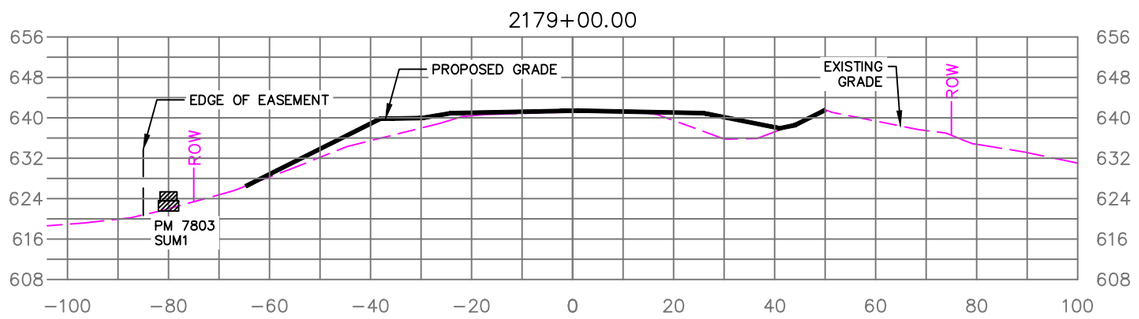
CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203–14C&D, 1203–23A&B
FEEDER: O'MALLEY 212 & 312
CROSS SECTION DETAILS

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 86 OF 93







CROSS SECTIONS

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

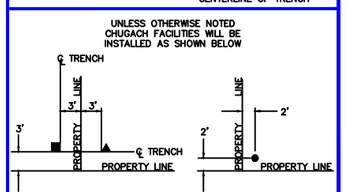
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT W.O. #: E1913870

NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	3/25/21	

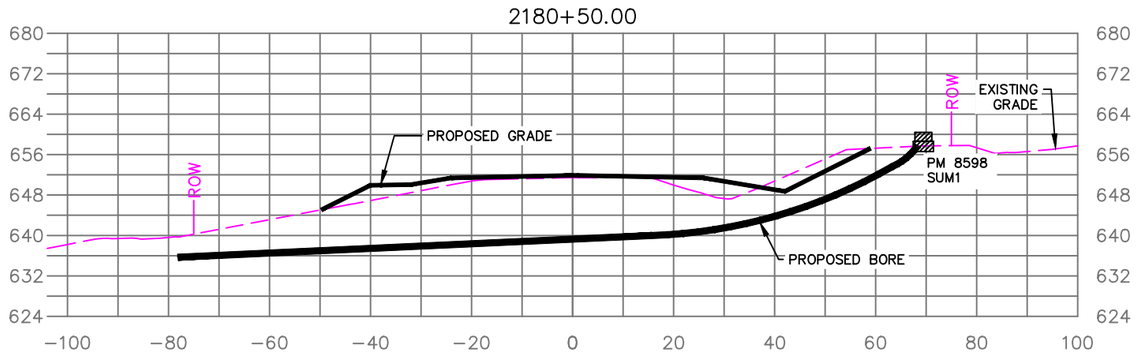
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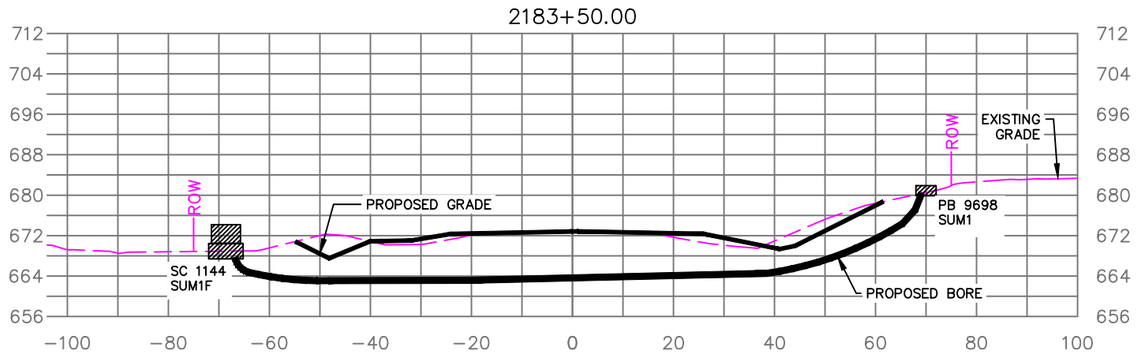
CHUGACH
POWERING ALASKA'S FUTURE

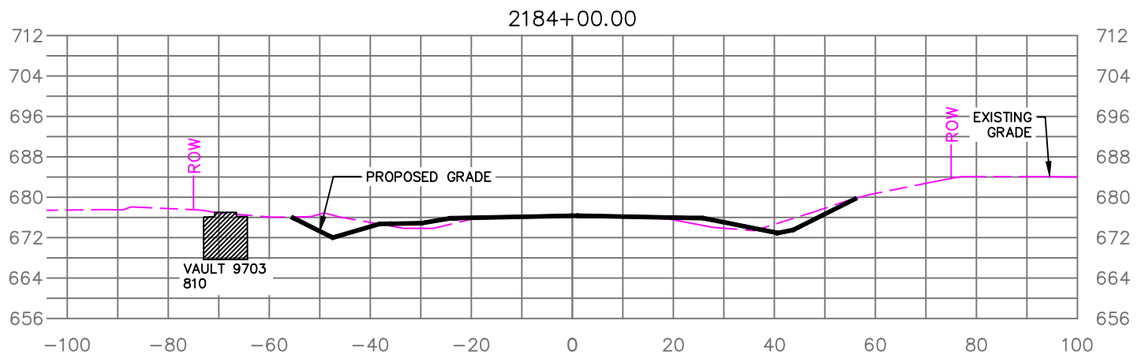
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
CROSS SECTION DETAILS

W.O. NO.: E1913870
C.W.P. REF. NO.:







CROSS SECTIONS

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!

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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

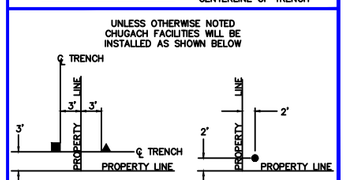
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT ME W.O. #: E1913870

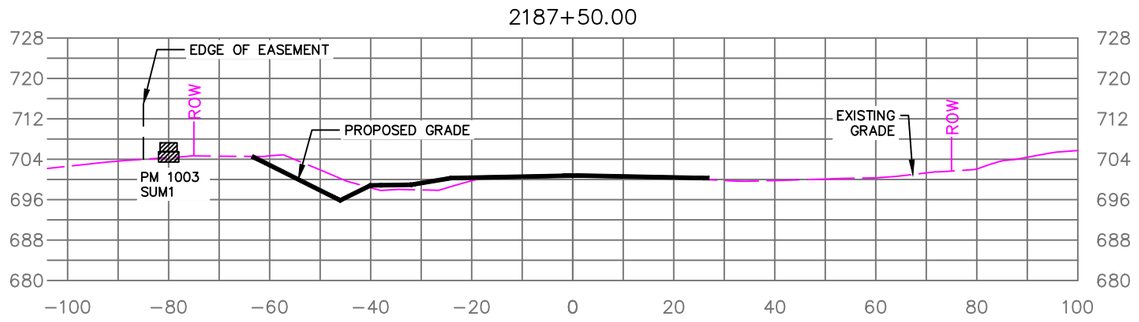
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Mills 3/25/21	

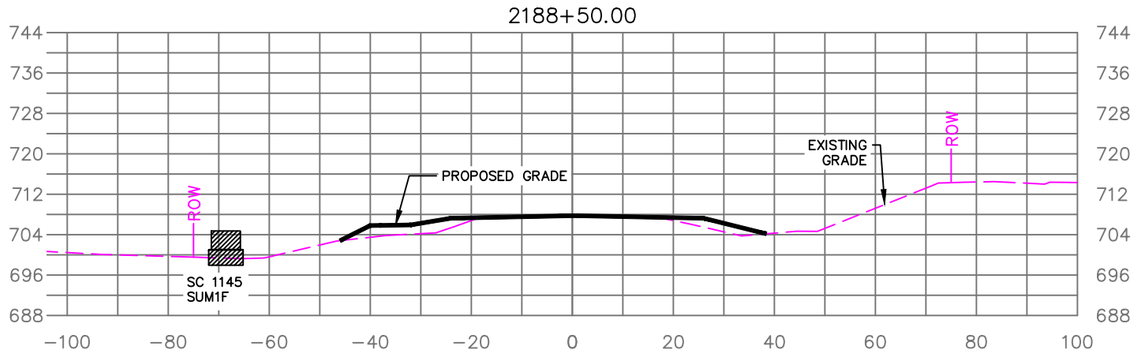
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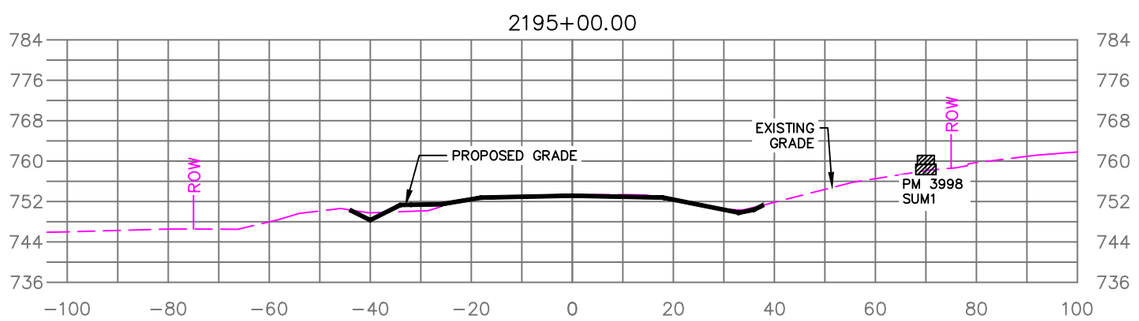
CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
CROSS SECTION DETAILS

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 88 OF 93







CROSS SECTIONS

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!

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ALASKA RAILROAD UTILITIES..... 265–2457
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KULIS AIR BASE..... 249–1499
MILITARY PETROLEUM FUEL LINES..... 552–2334
OR 552–5342
STATE STORM DRAINS & STREET LIGHTS..... 333–2411

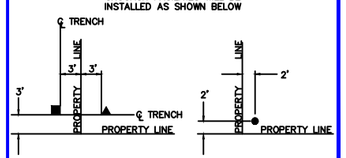
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT ME W.O. #: E1913870

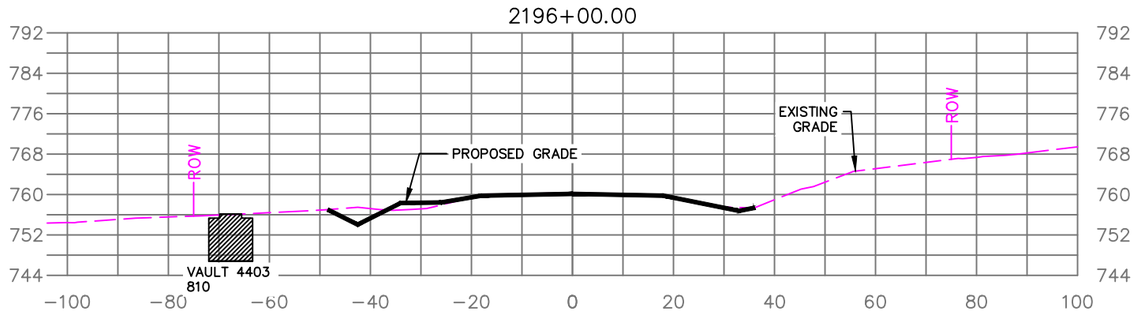
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Mills 3/25/21	

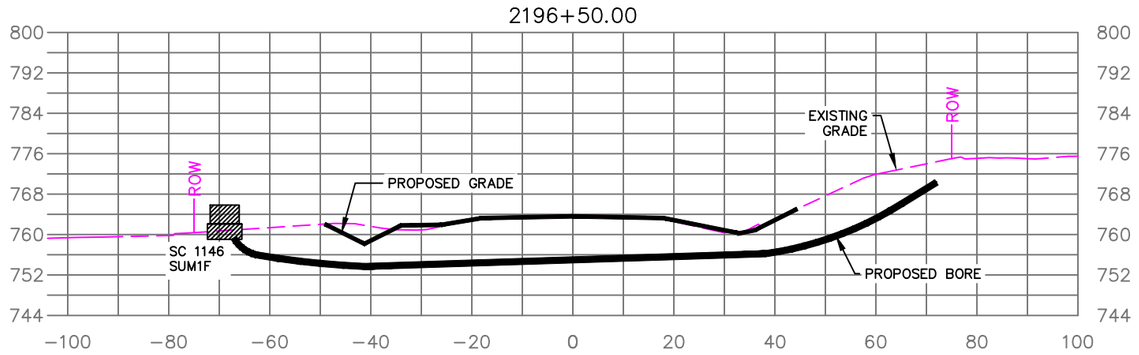
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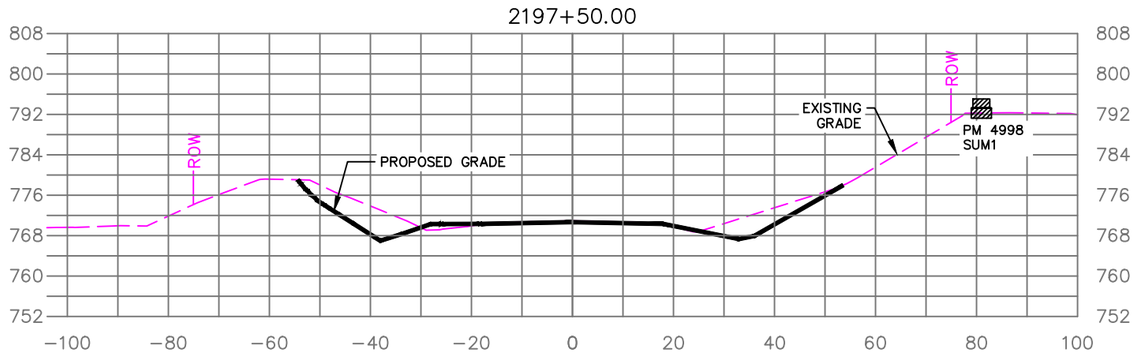
CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203–14C&D, 1203–23A&B
FEEDER: O'MALLEY 212 & 312
CROSS SECTION DETAILS

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 89 OF 93







CROSS SECTIONS

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

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

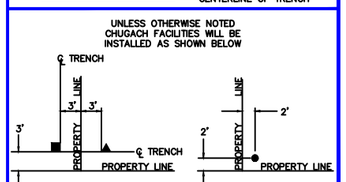
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

R.O.W. LEGEND

R.O.W. LINE
CENTERLINE OF TRENCH

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CHUGACH FACILITIES WILL BE
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Typical Staking
N.T.S.

PROJECT: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT ME W.O. #: E1913870

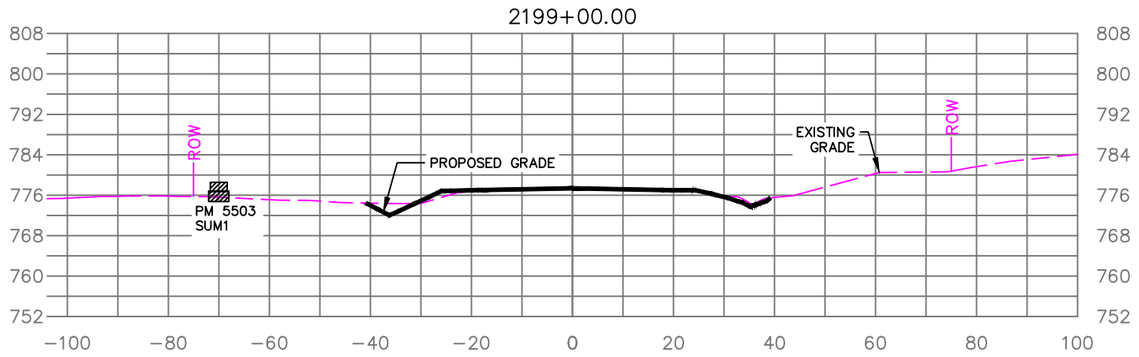
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Miller 3/25/21	

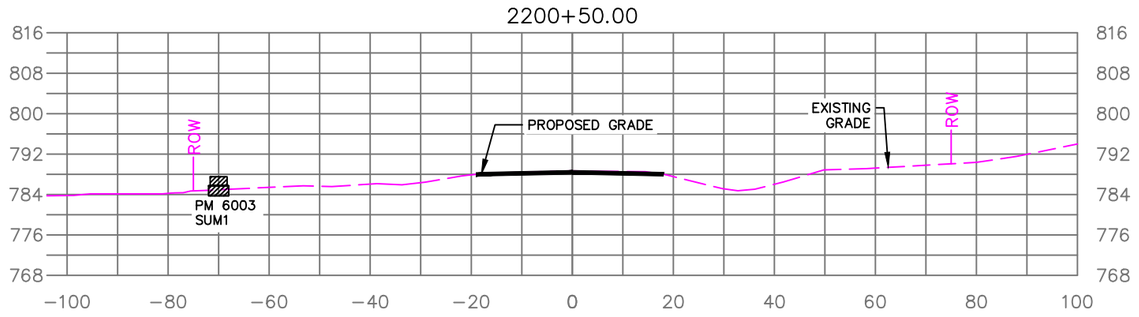
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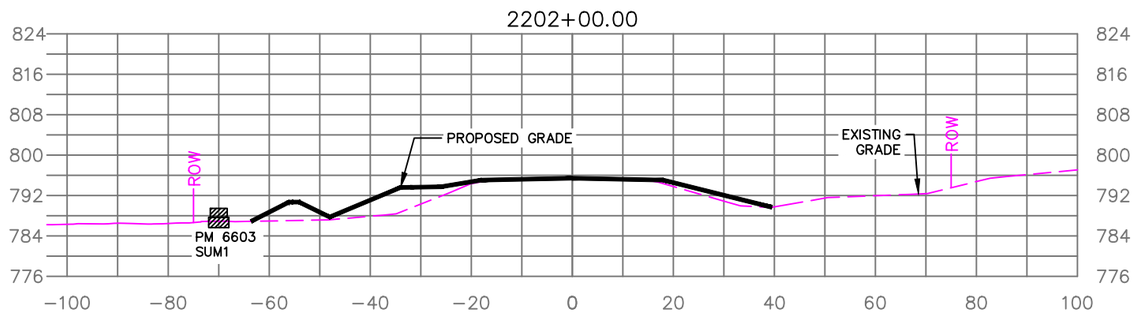
CHUGACH
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Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
CROSS SECTION DETAILS

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 90 OF 93







CROSS SECTIONS

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

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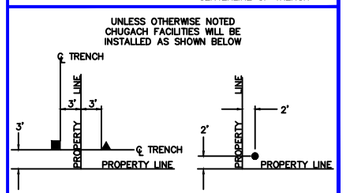
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

R.O.W. LEGEND

R.O.W. LINE
CENTERLINE OF TRENCH

UNLESS OTHERWISE NOTED
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INSTALLED AS SHOWN BELOW



Typical Staking
N.T.S.

PROJECT: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT ME W.O. #: E1913870

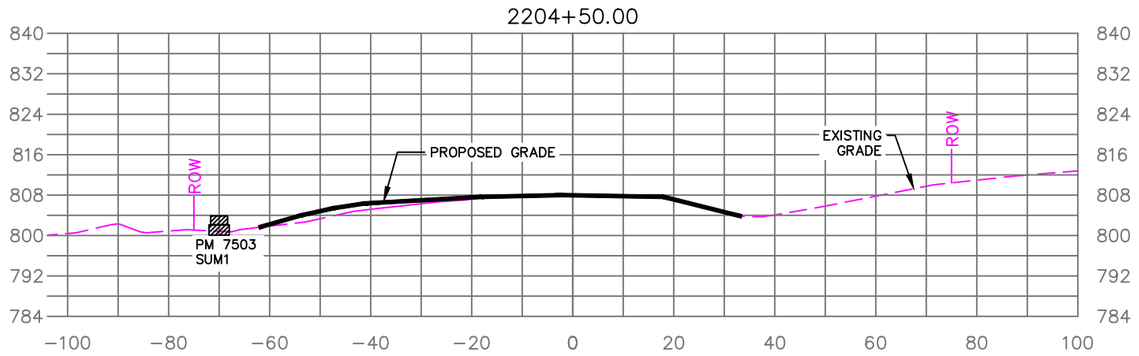
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
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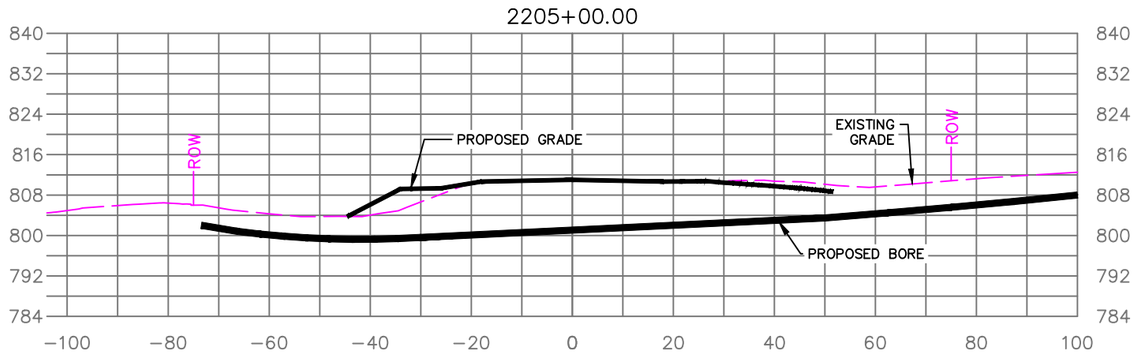
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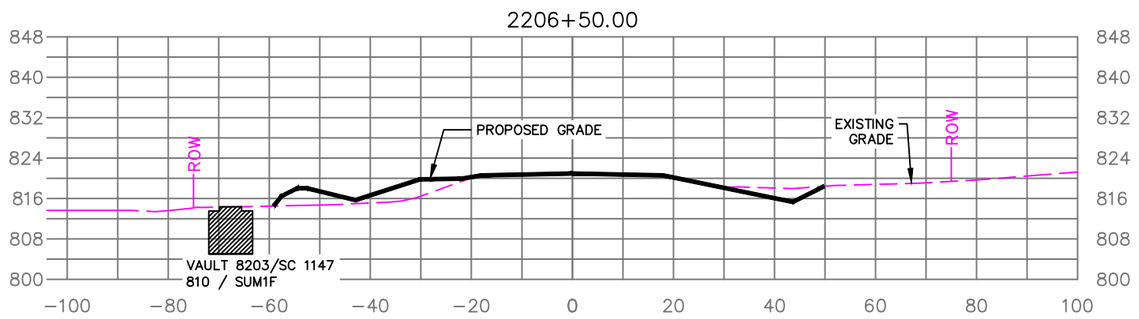
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Anchorage, Alaska 99519-6300

DRAWING NAME:
STATE OF ALASKA – O'MALLEY ROAD
3Ø U.G. PRIMARY RELOCATION
GRID: 2538, 2539, 2638, 2639 MAP: 1203-14C&D, 1203-23A&B
FEEDER: O'MALLEY 212 & 312
CROSS SECTION DETAILS

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 91 OF 93







CROSS SECTIONS

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

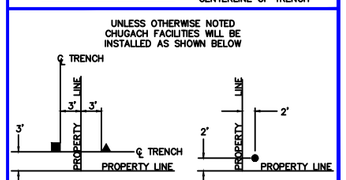
CONSTRUCTION LEGEND

NEW		EXISTING
	PADMOUNT TRANSFORMER	
	PEDESTAL	
	POWER POLE	
	STREET LIGHT	
	WARNING POST	
	1ø U.G. PRI. CONDUCTOR	
	3ø U.G. PRI. CONDUCTOR	
	U.G. SECONDARY CONDUCT.	
	U.G. STREET LIGHT CONDUCT.	
	1ø O.H. CONDUCTOR	
	3ø O.H. CONDUCTOR	
J	JUNCTION BOX	J
	SPLICE POINT	
	SPARE CONDUIT	
	CONDUIT W/ CONDUCTOR	
S	SWITCH CABINET	S

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: STATE OF ALASKA – O'MALLEY ROAD – 3Ø U.G. PRIMARY RELOCATION
DESIGNER/PROJECT ENGINEER: M. ELLIOTT ME W.O. #: E1913870

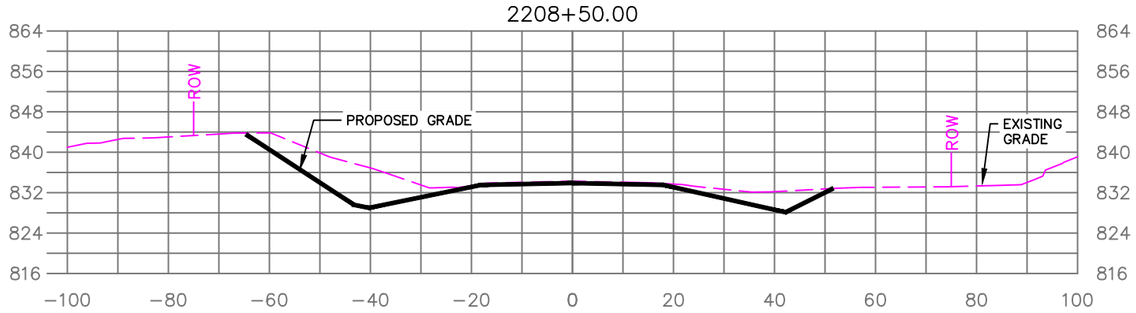
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVED (DIRECTOR)/DATE
0	ISSUED FOR CONSTRUCTION	ME 03/25/21	Mike Miller 3/25/21	

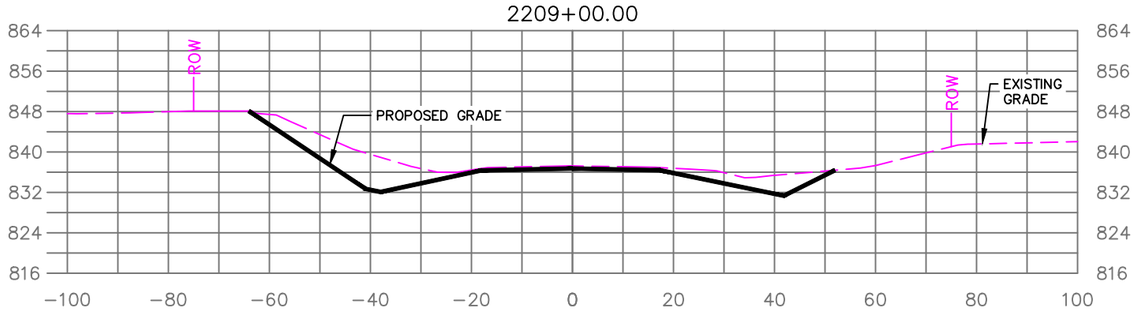
ENG. STAMP

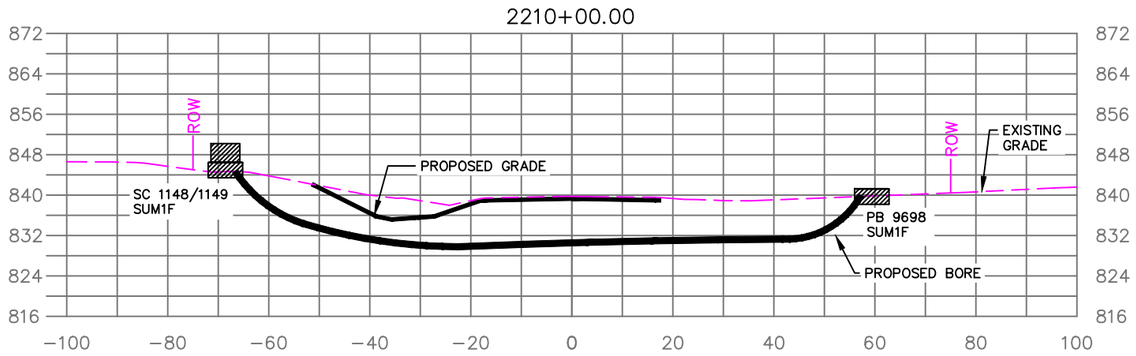
CHUGACH
POWERING ALASKA'S FUTURE
Chugach Electric Association, Inc.
5601 Minnesota Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

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3Ø U.G. PRIMARY RELOCATION
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CROSS SECTION DETAILS

W.O. NO.: E1913870
C.W.P. REF. NO.:
SHEET 92 OF 93







CROSS SECTIONS

Vicinity Map
N.T.S.

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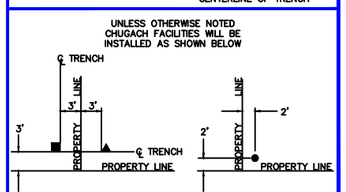
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DESIGNER/PROJECT ENGINEER: M. ELLIOTT ME W.O. #: E1913870

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ENG. STAMP

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