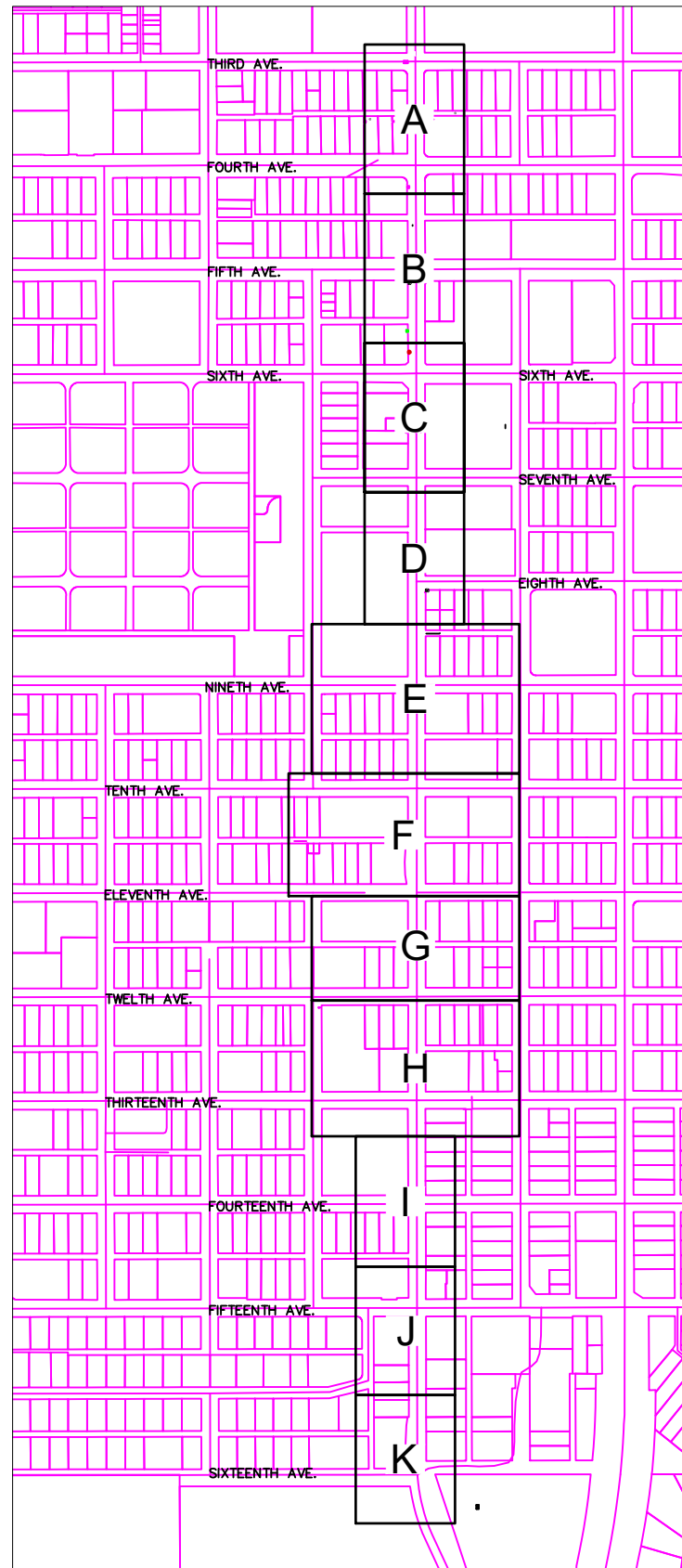


GAMBELL STREET: OH TO UG T-21 PROJECT

CONSTRUCTION W.O. P1900043

ANY ML&P REFERENCE SHALL REFER TO CHUGACH ELECTRIC (CEA)



VICINITY MAP

SHEET INDEX	
NO.	TITLE
1	COVER AND NOTES
2	TYPICAL SECTION & BORE PROFILES
3	TYPICAL BORE PROFILES & TRENCH SECTION
4	ELECTRICAL PLAN A
5	ELECTRICAL PLAN B
6	RIGHT OF WAY B
7	ELECTRICAL PLAN C - PROPOSED
8	ELECTRICAL PLAN C - RETIRED
9	RIGHT OF WAY C
10	ELECTRICAL PLAN D
11	RIGHT OF WAY D

12	ELECTRICAL PLAN E - PROPOSED
13	ELECTRICAL PLAN E - RETIRED
14	RIGHT OF WAY E
15	ELECTRICAL PLAN F - PROPOSED
16	ELECTRICAL PLAN F - RETIRED
17	RIGHT OF WAY F
18	ELECTRICAL PLAN G - PROPOSED
19	ELECTRICAL PLAN G - RETIRED
20	RIGHT OF WAY G
21	ELECTRICAL PLAN H - PROPOSED
22	ELECTRICAL PLAN H - RETIRED
23	RIGHT OF WAY H
24	ELECTRICAL PLAN I
25	RIGHT OF WAY I

26	ELECTRICAL PLAN J
27	RIGHT OF WAY J
28	ELECTRICAL PLAN K
29	EXISTING 12.47KV A - PCD
30	EXISTING 12.47KV B - PCD
31	EXISTING 34.5KV - PCD
32	PROPOSED 12.47KV A - PCD
33	PROPOSED 12.47KV B - PCD
34	PROPOSED 34.5KV - PCD
35	CONDUIT DIAGRAM A & B
36	CONDUIT DIAGRAM C & D
37	VAULT DETAIL 1231-84K
38	VAULT DETAIL 1231-84J
39	VAULT DETAIL 1231-82G

40	NEW VAULT DETAIL 7706
41	VAULT DETAIL 1331-78E
42	VAULT DETAIL 1331-86L
43	NEW VAULT DETAIL 7336
44	NEW VAULT DETAIL 7407
45	NEW VAULT DETAIL 7380
46	VAULT DETAIL 1431-87X

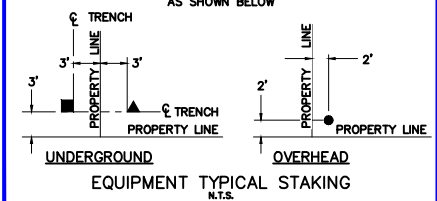
VICINITY KEY MAP
N.T.S.

LEGEND		
NEW	EXISTING	DESC.
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		PEDESTAL
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1Ø OH XFMR
		DELTA OH XFMR
		3Ø OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1Ø O.H. PRIMARY
		2Ø O.H. PRIMARY
		3Ø O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND

	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON

UNLESS OTHERWISE NOTED CHUGACH FACILITIES WILL BE INSTALLED AS SHOWN BELOW



CONSTRUCTION OF FACILITIES WILL NOT VARY FROM DESIGN DOCUMENTS AND DRAWINGS WITHOUT PRIOR APPROVAL FROM THE ENGINEER. ANY DISCREPANCIES FOUND AMONG THE DESIGN DOCUMENTS AND DRAWINGS AND ACTUAL SITE CONDITIONS SHALL BE REPORTED TO THE ENGINEER FOR RESOLUTION. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL SAFETY CODE (NEC) AND ALL MUNICIPAL, STATE AND FEDERAL REGULATIONS. QUESTIONS CONCERNING APPLICATION OF THE NEC SHOULD BE ADDRESSED TO THE ENGINEER. THE ENGINEER'S RESPONSIBILITY DOES NOT EXTEND TO THE MATERIAL AND CONSTRUCTION STANDARDS REFERENCED ON THE DESIGN DOCUMENTS AND DRAWINGS.

PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT		W.O. #: P1900043	
DESIGNER/PROJECT ENGINEER: M. SALVANERA		ENG. STAMP	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/28	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/28	<i>Jm</i> 4/21/28



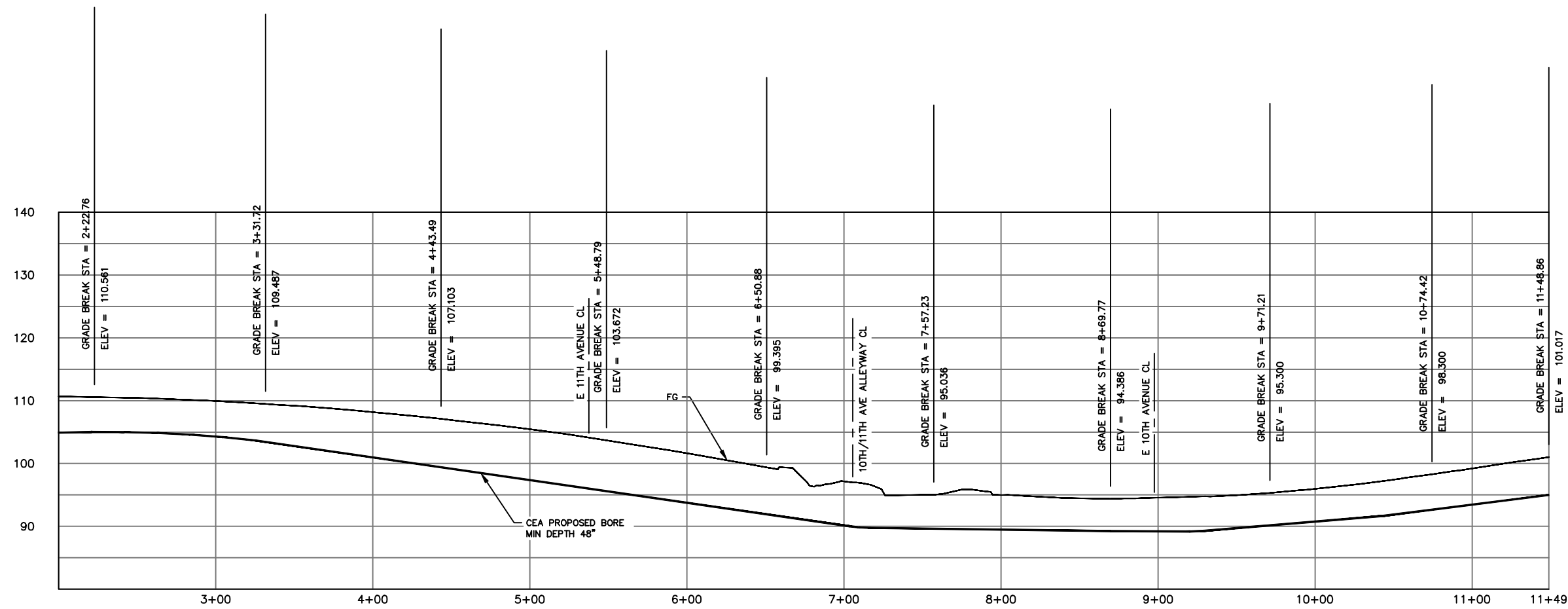
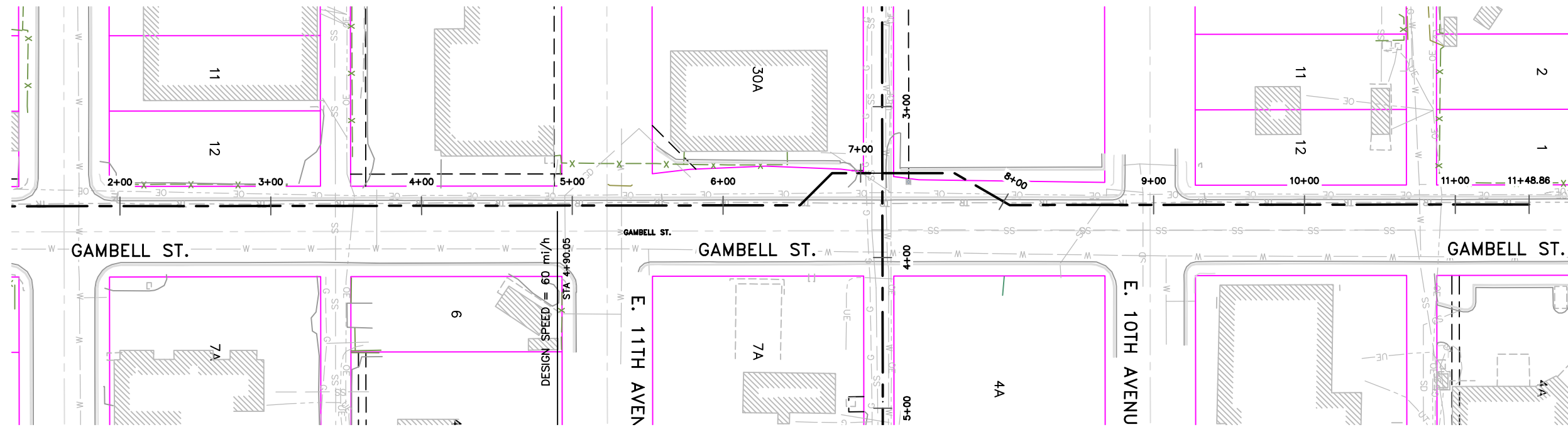
Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME: **GAMBELL STREET: OH TO UG T-21 PROJECT**

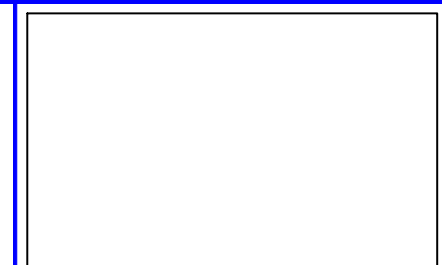
GRIDS: 1231D, 1331B, 1331D, 1431
FEEDER: S6F7, S10F6, S3F112 / BREAKER 930
COVER AND NOTES

W.O. NO.: **P1900043**

P1900043 FINAL.dwg



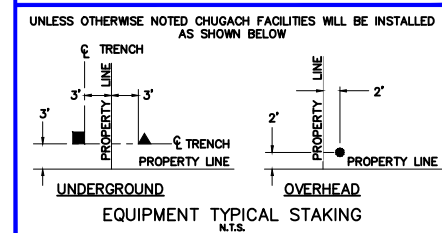
TYPICAL BORE PROFILE FOR ALL NORTH - SOUTH BORES ON GAMBELL STREET
 HOR: 1" = 20' / VER: 1" = 5'



VICINITY KEY MAP
N.T.S.

NEW	EXISTING	DESC.
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		PEDESTAL
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1Ø OH XFMR
		DELTA OH XFMR
		3Ø OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1Ø O.H. PRIMARY
		2Ø O.H. PRIMARY
		3Ø O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND	
	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON



UNLESS OTHERWISE NOTED CHUGACH FACILITIES WILL BE INSTALLED AS SHOWN BELOW

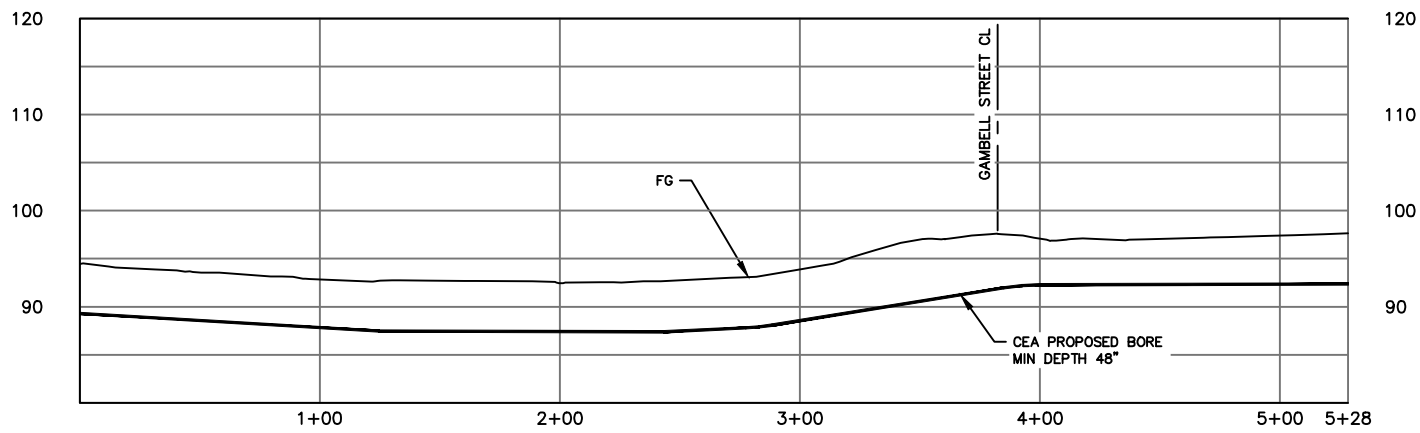
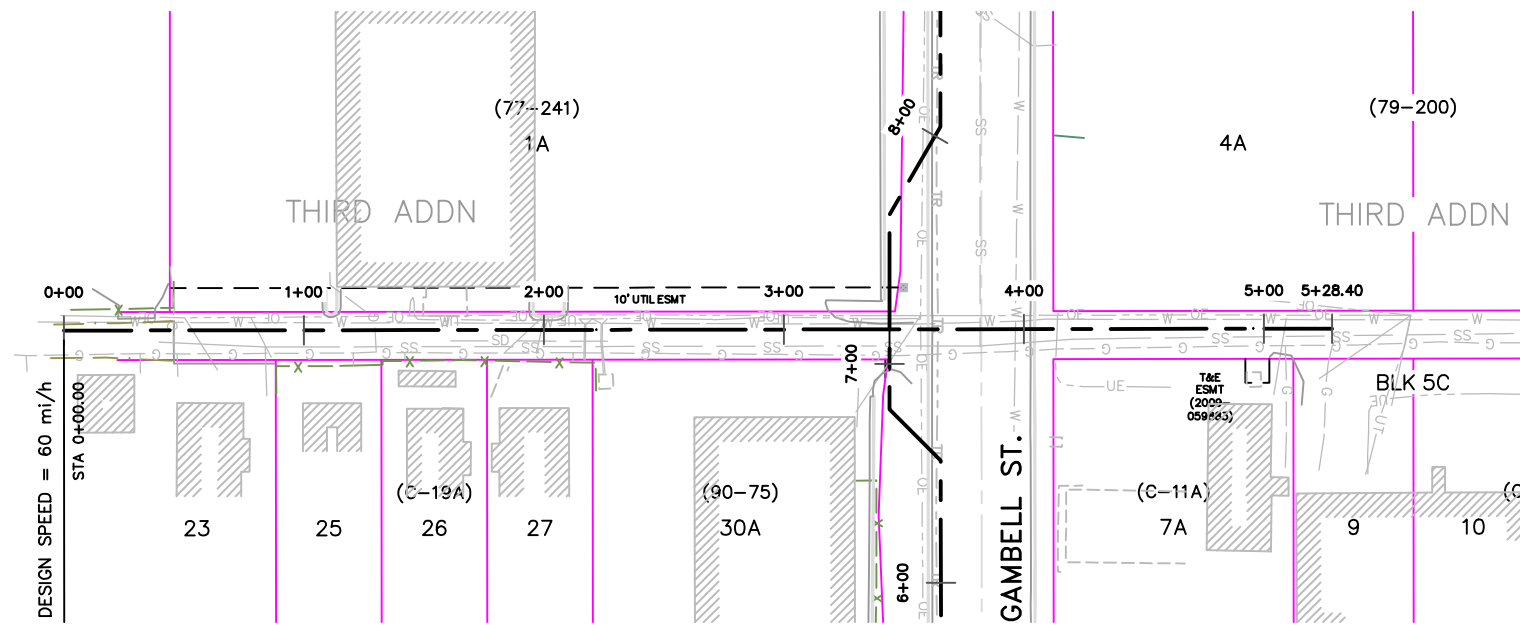
PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/22/26

ENG. STAMP

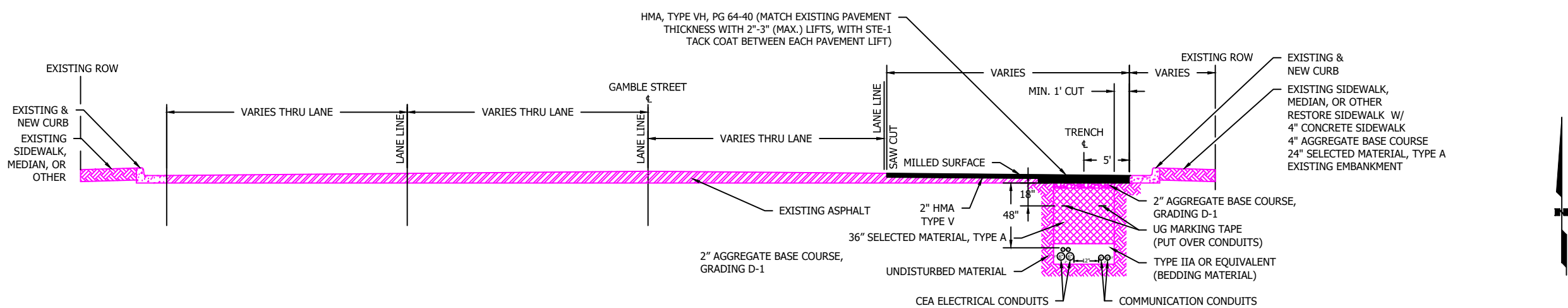


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DRAWING NAME: GAMBELL STREET: OH TO UG T-21 PROJECT	
GRIDS: 1231D, 1331B, 1331D, 1431	
FEEDER: S6F7, S10F6, S3F112 / BREAKER 930	
TYPICAL SECTION & BORE PROFILES	
W.O. NO.:	P1900043
P1900043 FINAL.dwg	
PAGE 2 OF 46	



TYPICAL BORE PROFILE FOR ALL EAST - WEST GAMBELL STREET CROSSINGS
HOR: 1" = 20' / VER: 1" = 5'



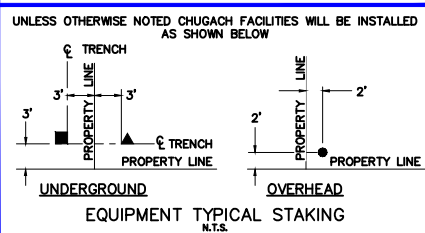
TYPICAL SECTION FOR BORE/TRENCH AND CONDUIT PLACEMENT ON GAMBELL STREET
N.T.S.



VICINITY KEY MAP
N.T.S.

NEW	EXISTING	DESC.
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		PEDESTAL
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1Ø OH XFMR
		Δ OH XFMR
		3Ø OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1Ø O.H. PRIMARY
		2Ø O.H. PRIMARY
		3Ø O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND	
	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON



EQUIPMENT TYPICAL STAKING
N.T.S.

PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

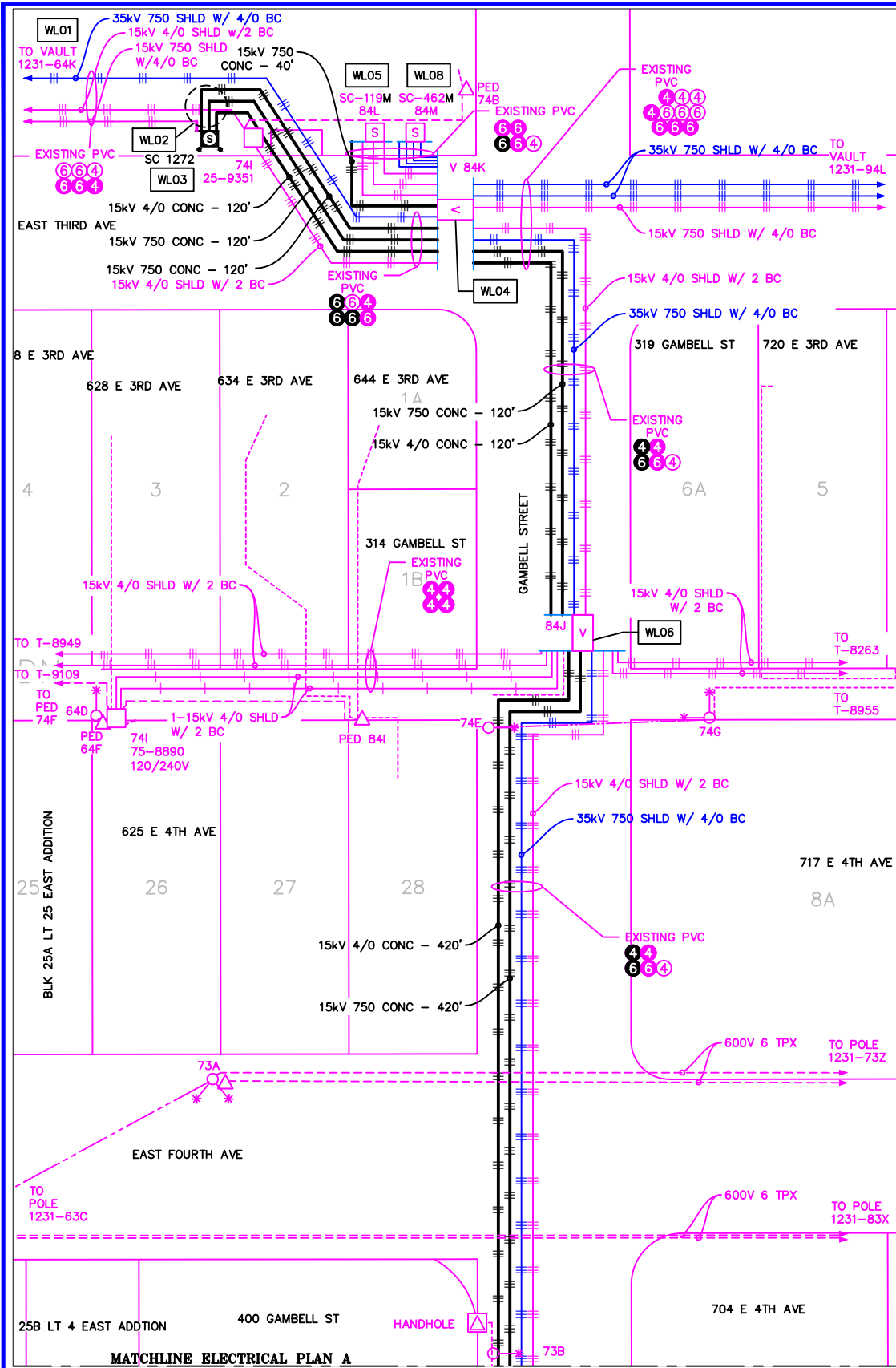
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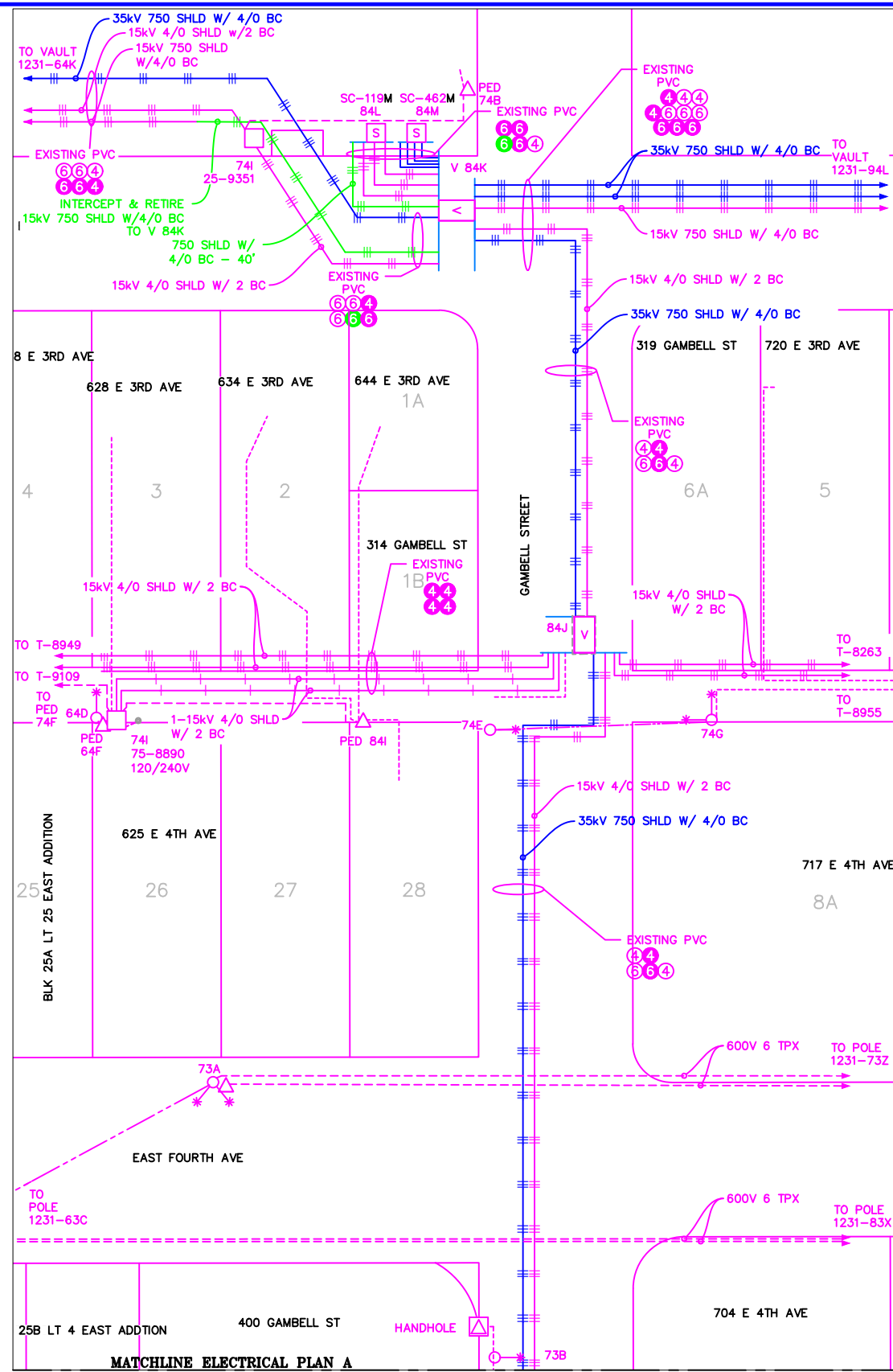
Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT
GRIDS:	1231D, 1331B, 1331D, 1431
FEEDER:	S6F7, S10F6, S3F112 / BREAKER 930
TITLE:	TYPICAL BORE PROFILES & TRENCH SECTION
W.O. NO.:	P1900043
PAGE:	3 OF 46

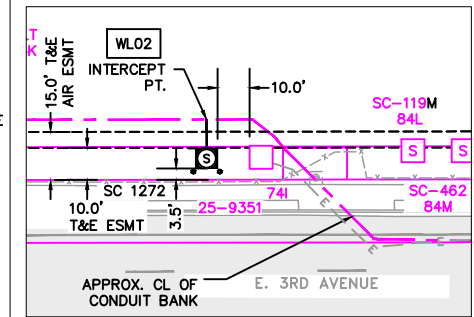
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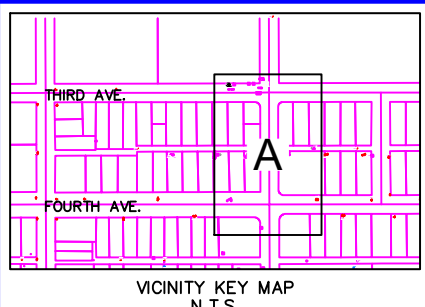
ELECTRICAL PLAN A - PROPOSED
1"=60'



ELECTRICAL PLAN A - RETIRED
1"=60'



RIGHT OF WAY PLAN A
1"=60'

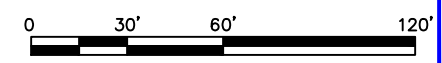


NEW	EXISTING	DESC.
[V]	[V]	VAULT
[J]	[J]	JUNCTION BOX
[S]	[S]	SWITCH CABINET
[P]	[P]	PULLBOX
[F]	[F]	PADMOUNT XFMR
[M]	[M]	FUSED JUNCTION BOX
[M]	[M]	PRIMARY METER
[▲]	[▲]	HANDHOLE
[○]	[○]	PEDESTAL
[⊗]	[⊗]	NON-CEA POLE
[●]	[●]	POLE
[*]	[*]	LIGHT
[↓]	[↓]	DOWN GUY
[~]	[~]	FUSE
[◇]	[◇]	SPLICE POINT
[⊥]	[⊥]	1Ø OH XFMR
[⊥]	[⊥]	DELTA OH XFMR
[⊥]	[⊥]	3Ø OH XFMR
[FO]	[FO]	FIBER OPTIC
[//]	[//]	O.H. XMSSN
[-//]	[-//]	U.G. XMSSN
[X]	[X]	SPAN GUY
[2"]	[2"]	CONDUIT DIAMETER
[]	[]	1Ø U.G. PRIMARY
[]	[]	2Ø U.G. PRIMARY
[]	[]	3Ø U.G. PRIMARY
[---]	[---]	U.G. SECONDARY
[---]	[---]	U.G. SERVICE
[---]	[---]	1Ø O.H. PRIMARY
[---]	[---]	2Ø O.H. PRIMARY
[---]	[---]	3Ø O.H. PRIMARY
[---]	[---]	R.O.W. EASEMENT LINE
[---]	[---]	CENTERLINE OF TRENCH

COLOR LEGEND	
[Solid Line]	NEW
[Dashed Line]	REFERENCE
[Pink Line]	EXISTING
[Green Line]	RETIRE
[Red Line]	ABANDON

UNLESS OTHERWISE NOTED CHUGACH FACILITIES WILL BE INSTALLED AS SHOWN BELOW

EQUIPMENT TYPICAL STAKING
N.T.S.

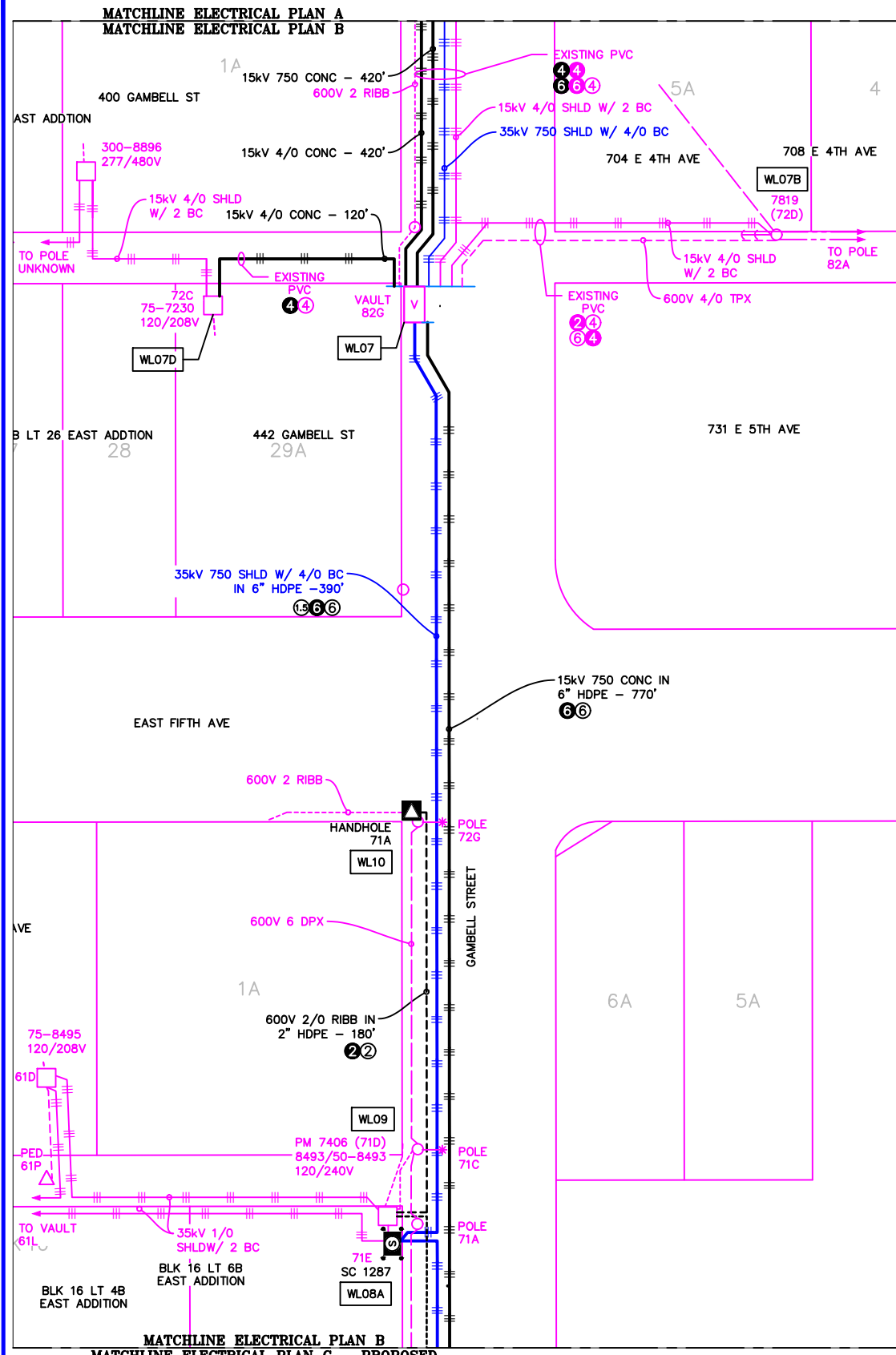


PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/28	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/28	[Signature] 4/21/28

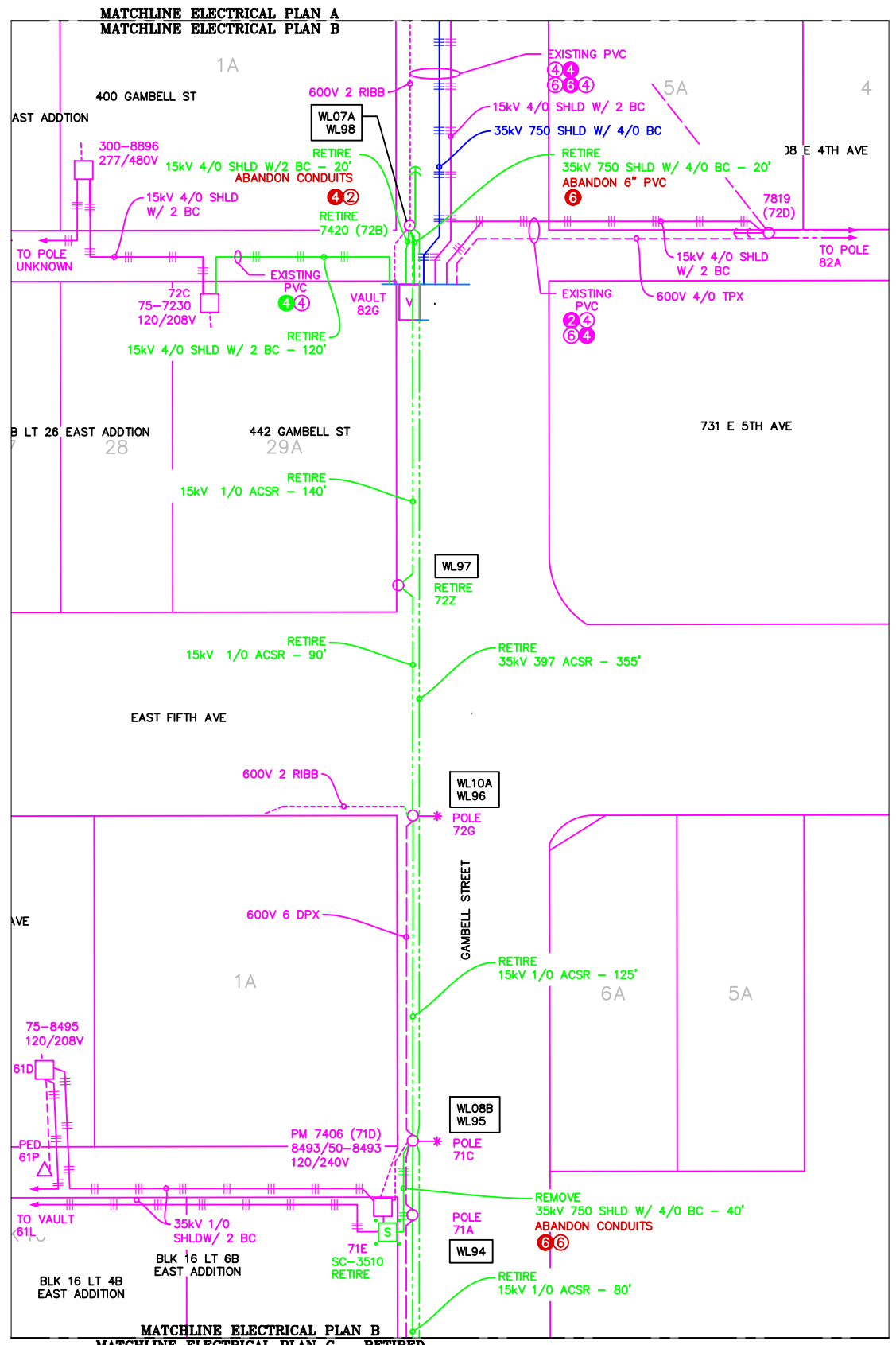
ENG. STAMP

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Anchorage, Alaska 99519-6300

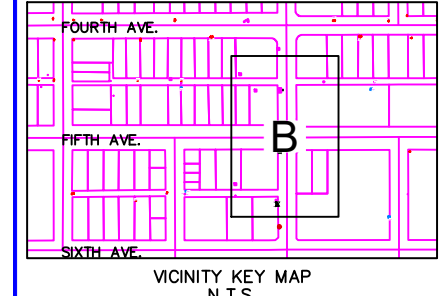
DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT
	GRIDS: 1231D, 1331B, 1331D, 1431
	FEEDER: S6F7, S10F6, S3F112 / BREAKER 930
	ELECTRICAL PLAN A
W.O. NO.:	P1900043
	P1900043 FINAL.dwg
	PAGE 4 OF 46



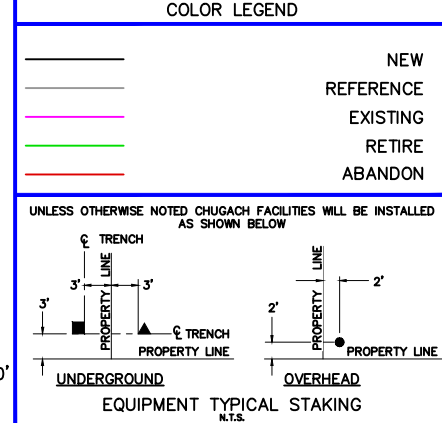
ELECTRICAL PLAN B - PROPOSED
1"=60'



ELECTRICAL PLAN B - RETIRED
1"=60'



NEW	EXISTING	DESC.
Ⓥ	Ⓥ	VAULT
Ⓝ	Ⓝ	JUNCTION BOX
Ⓢ	Ⓢ	SWITCH CABINET
Ⓟ	Ⓟ	PULLBOX
Ⓜ	Ⓜ	PADMOUNT XFMR
Ⓛ	Ⓛ	FUSED JUNCTION BOX
Ⓜ	Ⓜ	PRIMARY METER
Ⓜ	Ⓜ	HANDHOLE
Ⓜ	Ⓜ	PEDESTAL
Ⓜ	Ⓜ	NON-CEA POLE
Ⓜ	Ⓜ	POLE
Ⓜ	Ⓜ	LIGHT
Ⓜ	Ⓜ	DOWN GUY
Ⓜ	Ⓜ	FUSE
Ⓜ	Ⓜ	SPLICE POINT
Ⓜ	Ⓜ	1Ø OH XFMR
Ⓜ	Ⓜ	DELTA OH XFMR
Ⓜ	Ⓜ	3Ø OH XFMR
FO	FO	FIBER OPTIC
///	///	O.H. XMSSN
-//	-//	U.G. XMSSN
X	X	SPAN GUY
2"	2"	CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
---	---	U.G. SECONDARY
---	---	U.G. SERVICE
---	---	1Ø O.H. PRIMARY
---	---	2Ø O.H. PRIMARY
---	---	3Ø O.H. PRIMARY
---	---	R.O.W. EASEMENT LINE
---	---	CENTERLINE OF TRENCH



PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

ENG. STAMP

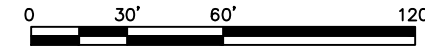
Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

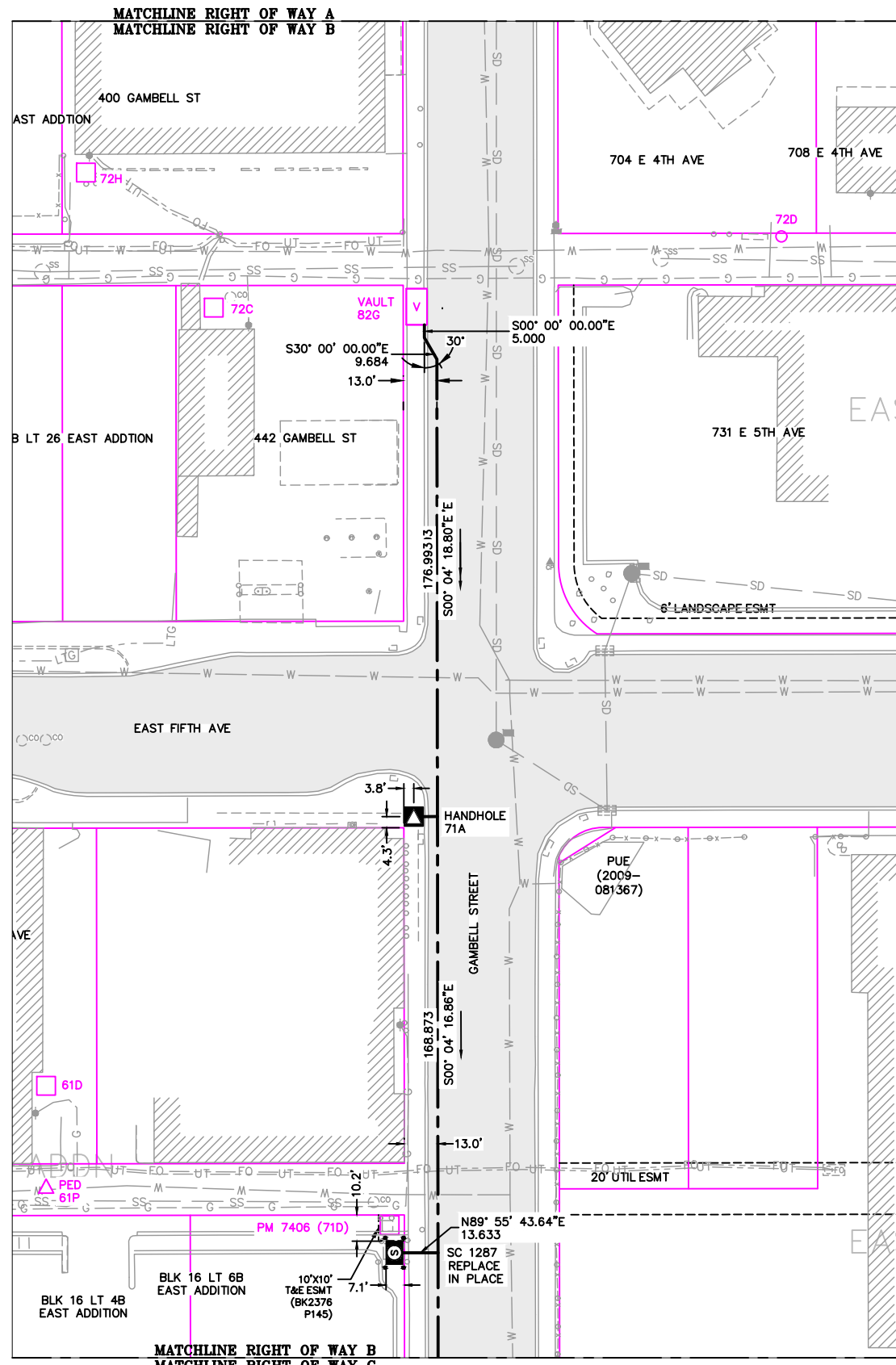
DRAWING NAME: **GAMBELL STREET: OH TO UG T-21 PROJECT**

GRIDS: 1231D, 1331B, 1331D, 1431
FEEDER: S6F7, S10F6, S3F112 / BREAKER 930
ELECTRICAL PLAN B

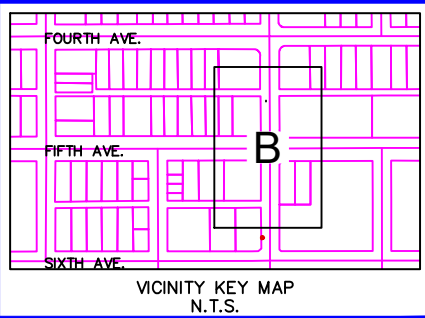
W.O. NO.: **P1900043**

P1900043 FINAL.dwg
PAGE 5 OF 46



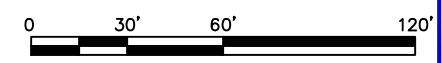
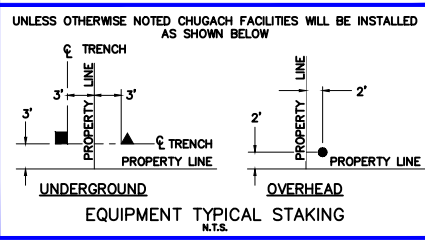


RIGHT OF WAY B
1"=60'



NEW	EXISTING	DESC.
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		PEDESTAL
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1Ø OH XFMR
		DELTA OH XFMR
		3Ø OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1Ø O.H. PRIMARY
		2Ø O.H. PRIMARY
		3Ø O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND	
	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON



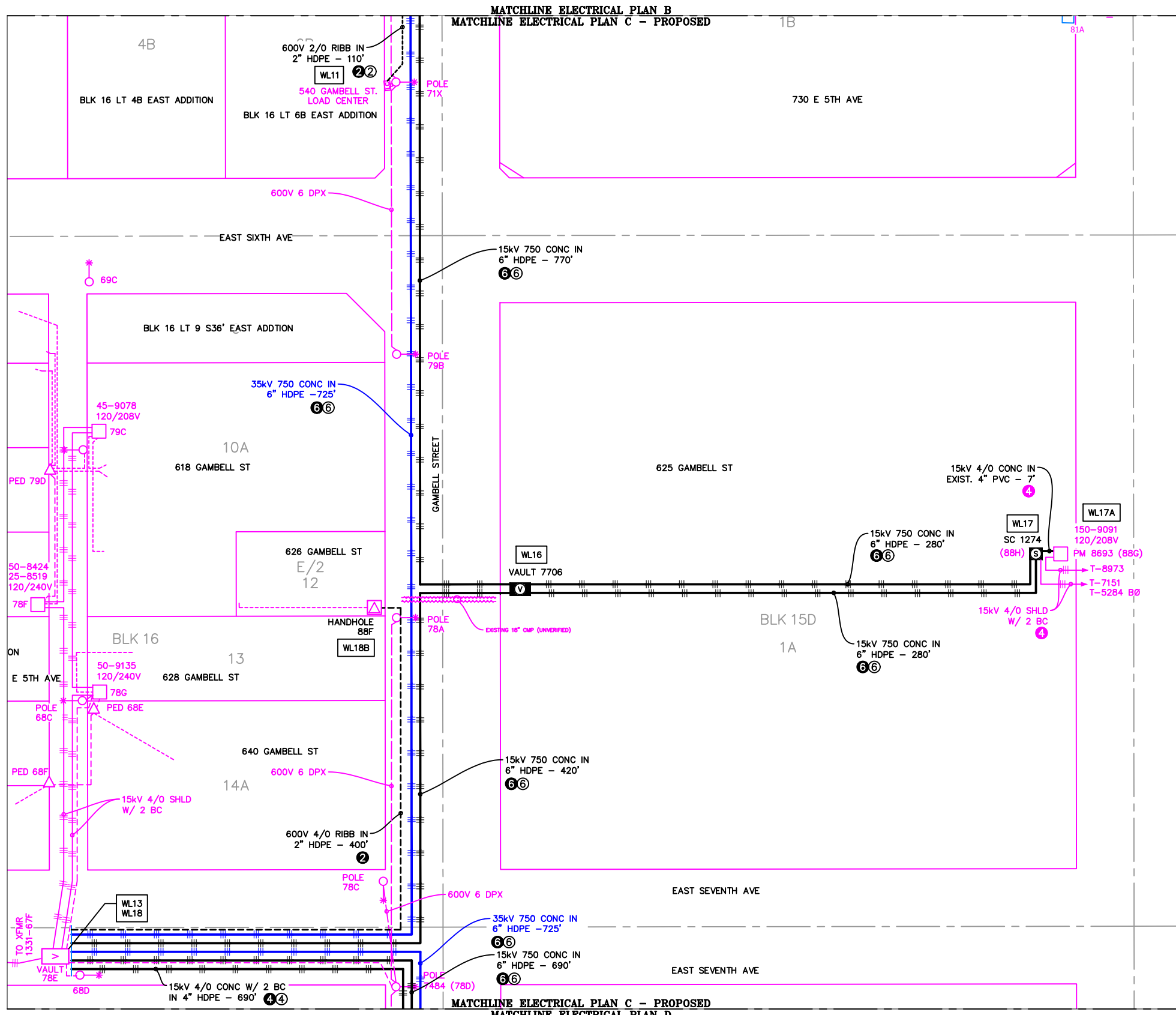
PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. # P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
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1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

ENG. STAMP

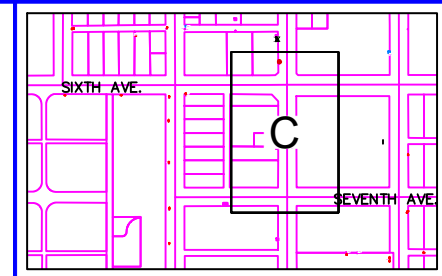


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Anchorage, Alaska 99519-6300

DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT
	GRIDS: 1231D, 1331B, 1331D, 1431 FEEDER: S6F7, S10F6, S3F112 / BREAKER 930 RHSHE TOFTI WARS B
W.O. NO.:	P1900043
	P1900043 FINAL.dwg PAGE 6 OF 46



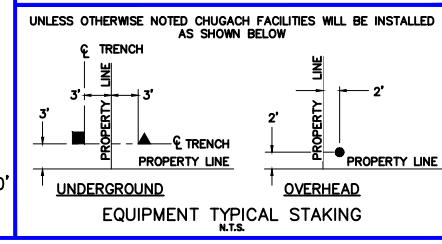
ELECTRICAL PLAN C - PROPOSED
1"=60'



VICINITY KEY MAP
N.T.S.

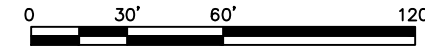
LEGEND		DESC.
NEW	EXISTING	
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		PEDESTAL
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1Ø OH XFMR
		DELTA OH XFMR
		3Ø OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1Ø O.H. PRIMARY
		2Ø O.H. PRIMARY
		3Ø O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND	
	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON



UNLESS OTHERWISE NOTED CHUGACH FACILITIES WILL BE INSTALLED AS SHOWN BELOW

EQUIPMENT TYPICAL STAKING
N.T.S.



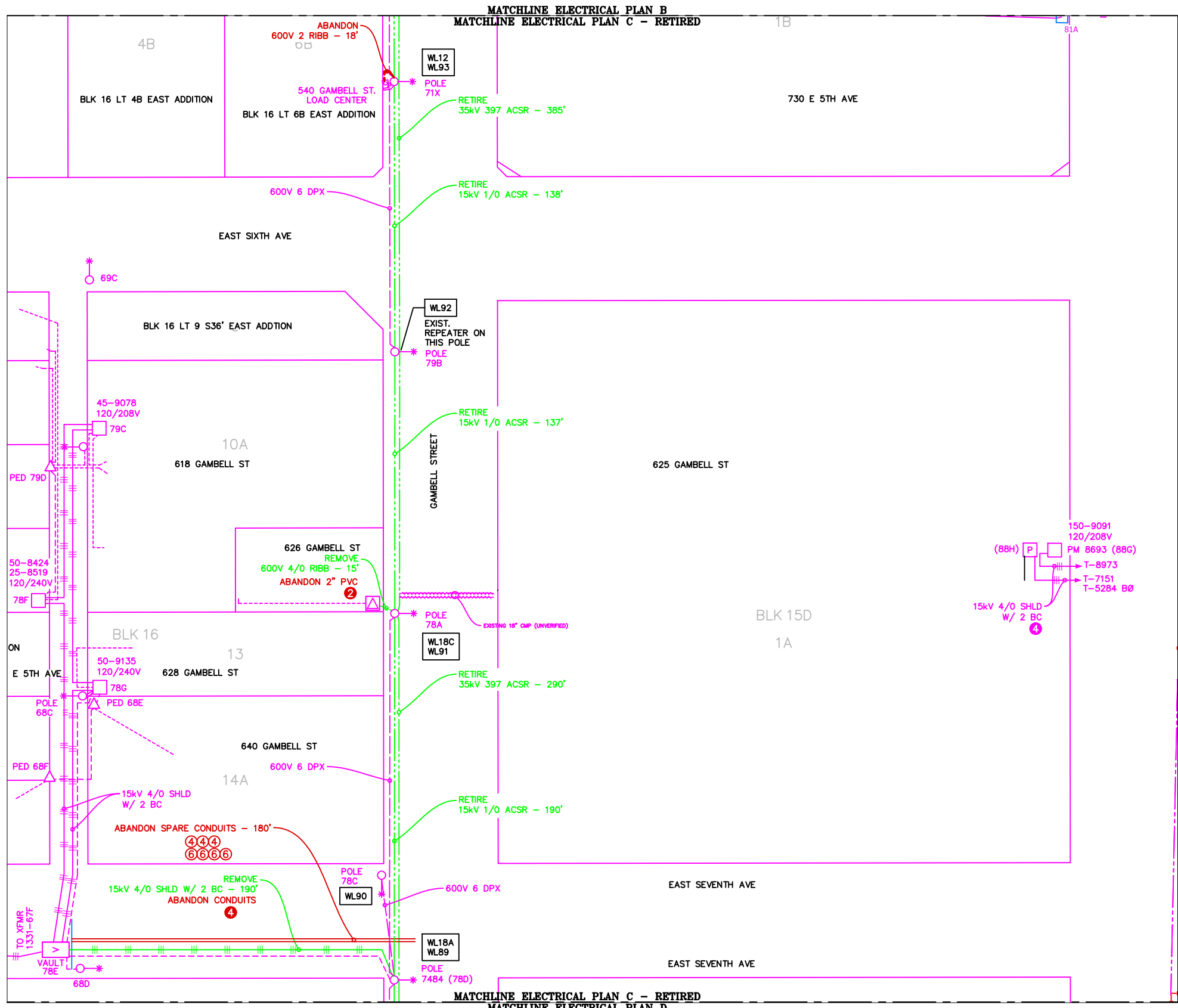
PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/28	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/28	<i>Jm</i> 4/21/28

ENG. STAMP

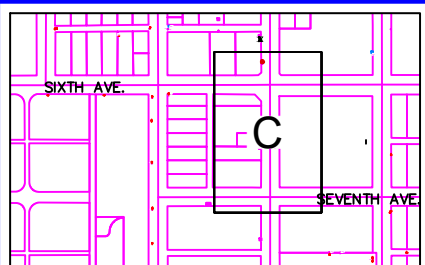


Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT
GRIDS:	1231D, 1331B, 1331D, 1431
FEEDER:	S6F7, S10F6, S3F112 / BREAKER 930
ELECTRICAL PLAN C - PROPOSED	
W.O. NO.:	P1900043
P1900043 FINAL.dwg	
PAGE 7 OF 46	



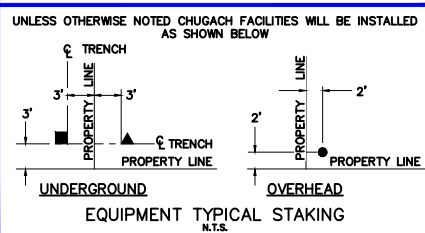
ELECTRICAL PLAN C - RETIRED
1"=60'



VICINITY KEY MAP
N.T.S.

NEW	EXISTING	DESC.
[V]	[V]	VAULT
[J]	[J]	JUNCTION BOX
[S]	[S]	SWITCH CABINET
[P]	[P]	PULLBOX
[F]	[F]	PADMOUNT XFMR
[M]	[M]	FUSED JUNCTION BOX
[M]	[M]	PRIMARY METER
[▲]	[▲]	HANDHOLE
[○]	[○]	PEDESTAL
[⊗]	[⊗]	NON-CEA POLE
[●]	[●]	POLE
[*]	[*]	LIGHT
[↓]	[↓]	DOWN GUY
[~]	[~]	FUSE
[◇]	[◇]	SPLICE POINT
[⊥]	[⊥]	1Ø OH XFMR
[⊥⊥]	[⊥⊥]	DELTA OH XFMR
[⊥⊥⊥]	[⊥⊥⊥]	3Ø OH XFMR
[FO]	[FO]	FIBER OPTIC
[//]	[//]	O.H. XMSSN
[--//--]	[--//--]	U.G. XMSSN
[X]	[X]	SPAN GUY
[2"]	[2"]	CONDUIT DIAMETER
[+]	[+]	1Ø U.G. PRIMARY
[=]	[=]	2Ø U.G. PRIMARY
[≡]	[≡]	3Ø U.G. PRIMARY
[---]	[---]	U.G. SECONDARY
[---]	[---]	U.G. SERVICE
[---]	[---]	1Ø O.H. PRIMARY
[---]	[---]	2Ø O.H. PRIMARY
[---]	[---]	3Ø O.H. PRIMARY
[---]	[---]	R.O.W. EASEMENT LINE
[---]	[---]	CENTERLINE OF TRENCH

COLOR LEGEND	
[Black Line]	NEW
[Red Line]	REFERENCE
[Green Line]	EXISTING
[Blue Line]	RETIRED
[Orange Line]	ABANDON



EQUIPMENT TYPICAL STAKING
N.T.S.

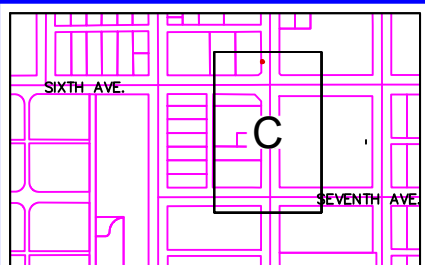
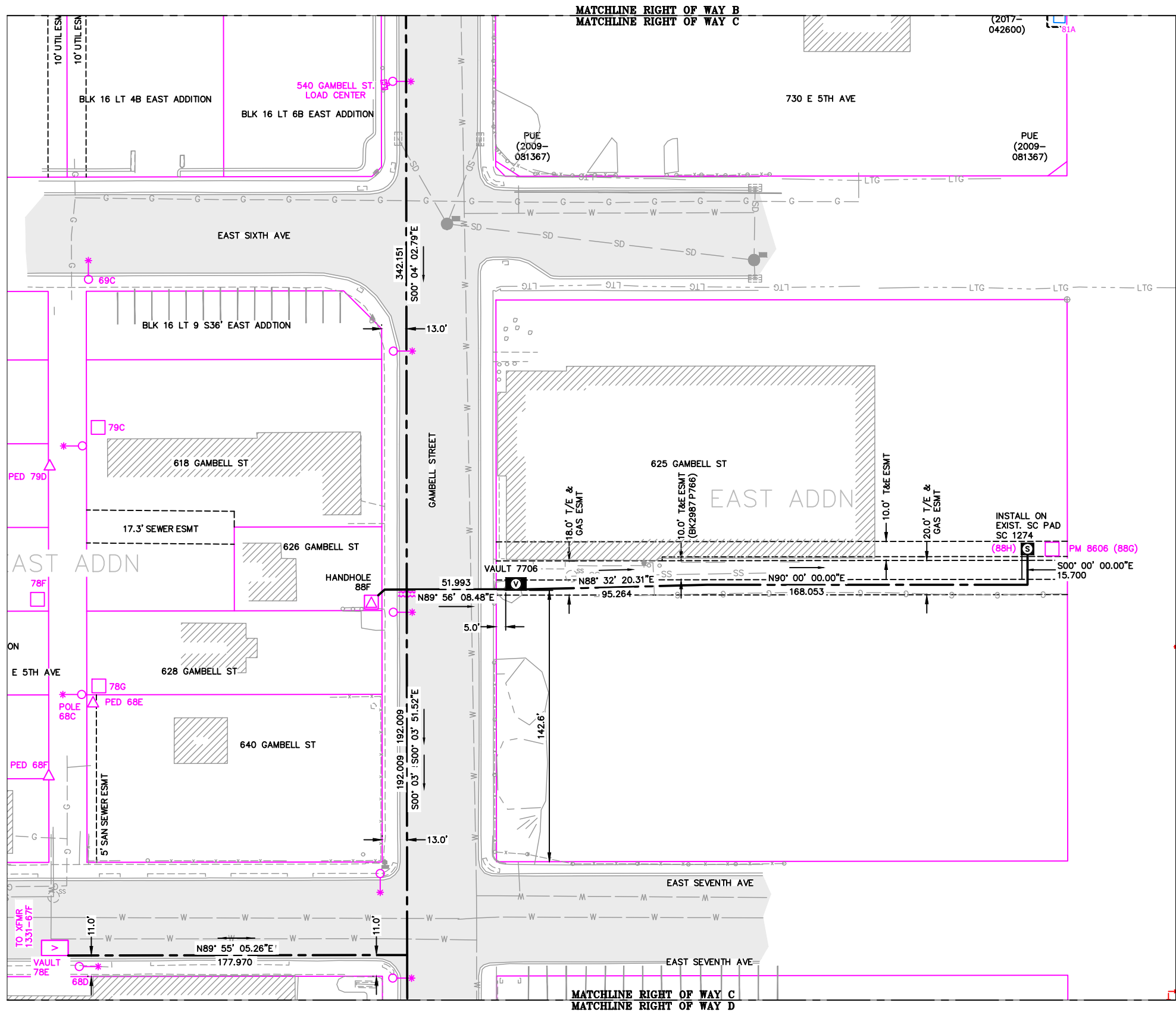
PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/28	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/28	[Signature] 4/21/28

ENG. STAMP



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

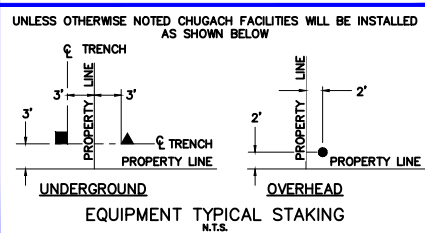
DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT		
	GRIDS: 1231D, 1331B, 1331D, 1431 FEEDER: S6F7, S10F6, S3F112 / BREAKER 930 ELECTRICAL PLAN C - RETIRED		
W.O. NO.:	P1900043		P1900043 FINAL.dwg
	PAGE 8 OF 46		



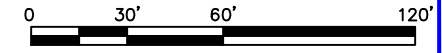
VICINITY KEY MAP
N.T.S.

NEW	EXISTING	DESC.
[V]	[V]	VAULT
[J]	[J]	JUNCTION BOX
[S]	[S]	SWITCH CABINET
[P]	[P]	PULLBOX
[F]	[F]	PADMOUNT XFMR
[M]	[M]	FUSED JUNCTION BOX
[M]	[M]	PRIMARY METER
[▲]	[▲]	HANDHOLE
[▲]	[▲]	PEDESTAL
[⊗]	[⊗]	NON-CEA POLE
[●]	[●]	POLE
[*]	[*]	LIGHT
[↓]	[↓]	DOWN GUY
[~]	[~]	FUSE
[◇]	[◇]	SPLICE POINT
[⊥]	[⊥]	1Ø OH XFMR
[⊥]	[⊥]	DELTA OH XFMR
[⊥]	[⊥]	3Ø OH XFMR
[FO]	[FO]	FIBER OPTIC
[//]	[//]	O.H. XMSSN
[//]	[//]	U.G. XMSSN
[X]	[X]	SPAN GUY
[2"]	[2"]	CONDUIT DIAMETER
[]	[]	1Ø U.G. PRIMARY
[]	[]	2Ø U.G. PRIMARY
[]	[]	3Ø U.G. PRIMARY
[---]	[---]	U.G. SECONDARY
[---]	[---]	U.G. SERVICE
[---]	[---]	1Ø O.H. PRIMARY
[---]	[---]	2Ø O.H. PRIMARY
[---]	[---]	3Ø O.H. PRIMARY
[---]	[---]	R.O.W. EASEMENT LINE
[---]	[---]	CENTERLINE OF TRENCH

COLOR LEGEND	
[Solid Black]	NEW
[Dashed Black]	REFERENCE
[Solid Pink]	EXISTING
[Solid Green]	RETIRE
[Solid Red]	ABANDON



RIGHT OF WAY C
1"=60'



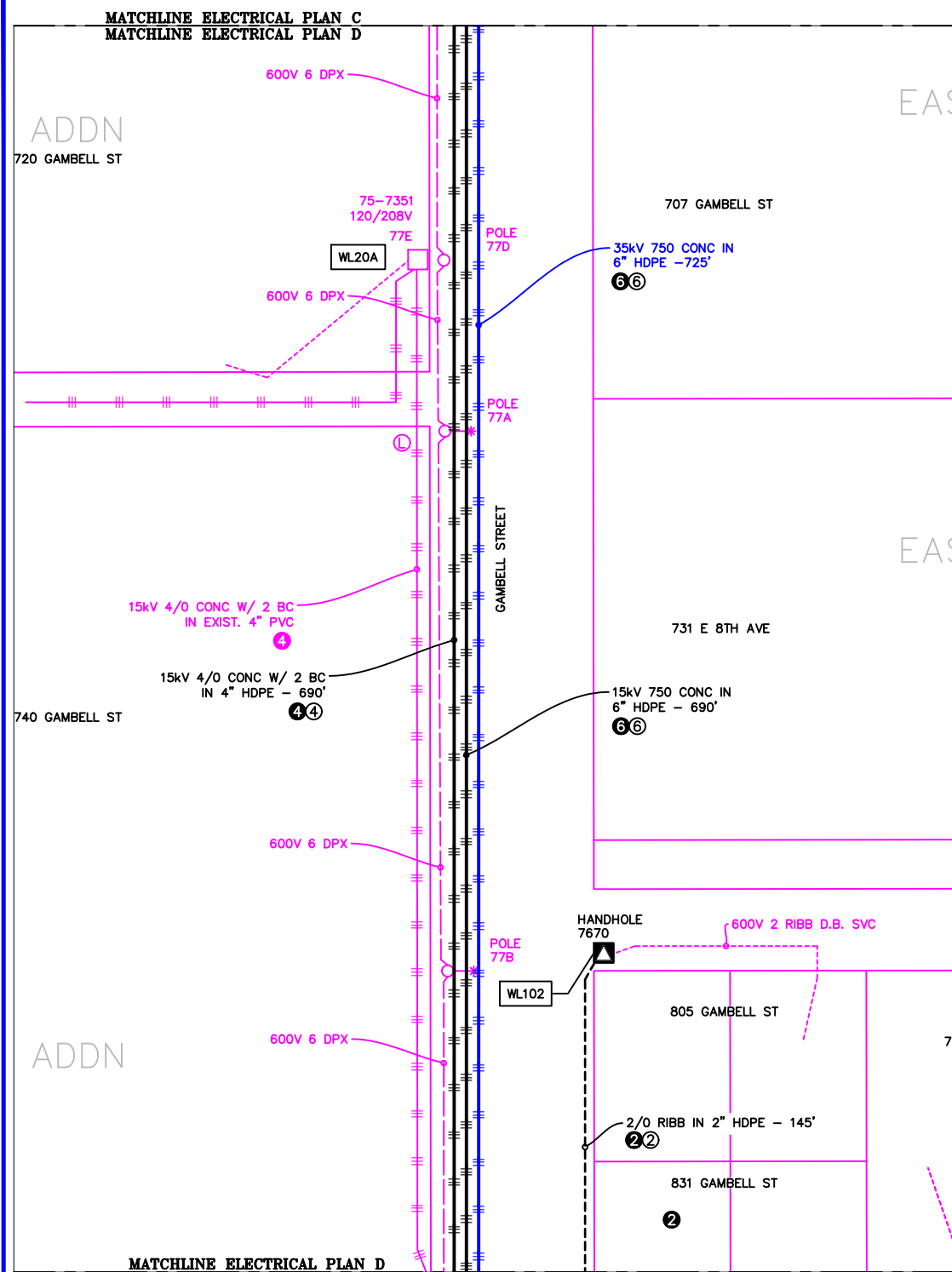
PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. # P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/28	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/28	Jm 4/21/28

ENG. STAMP



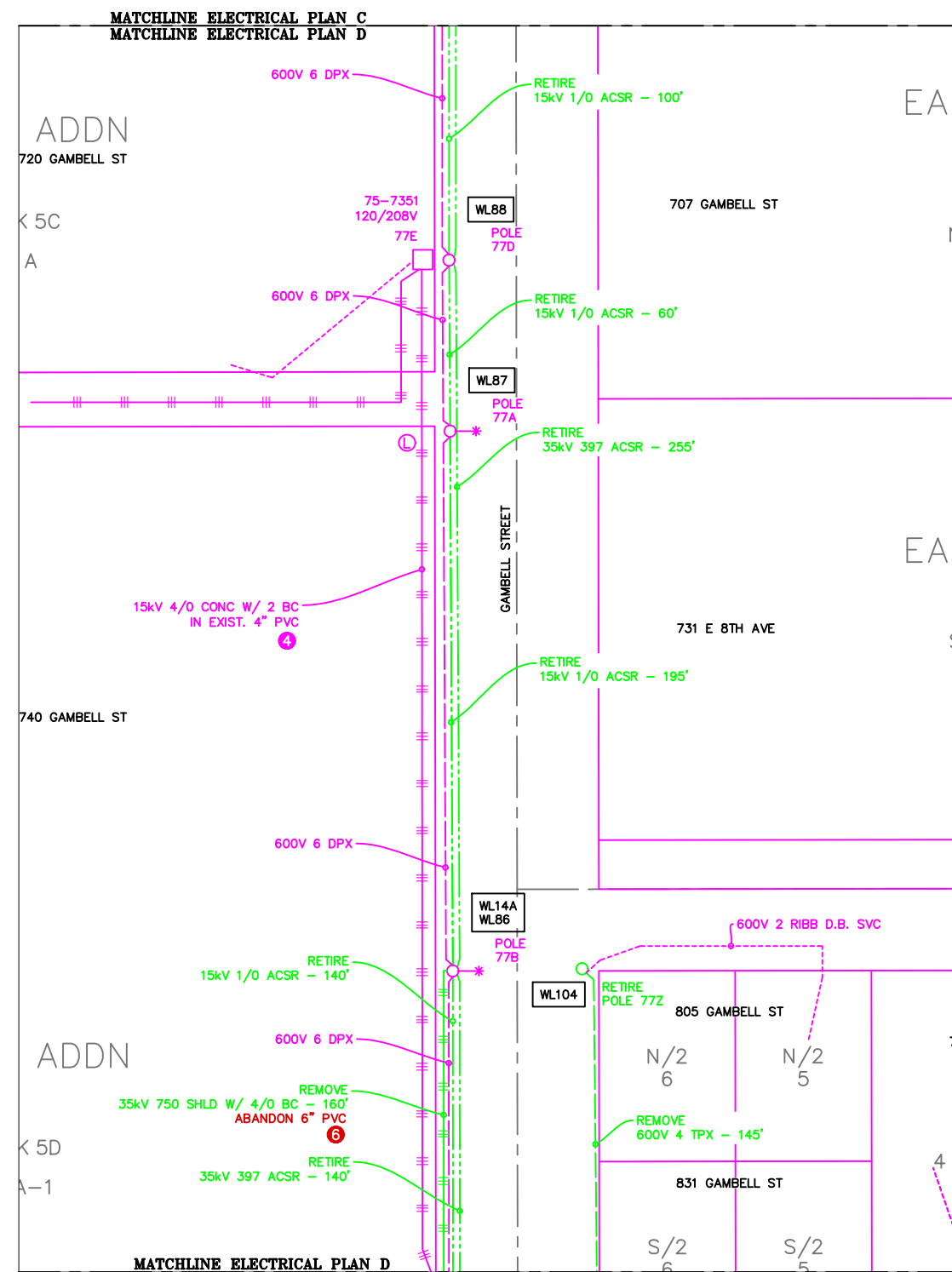
Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

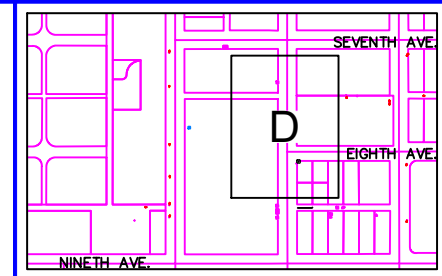
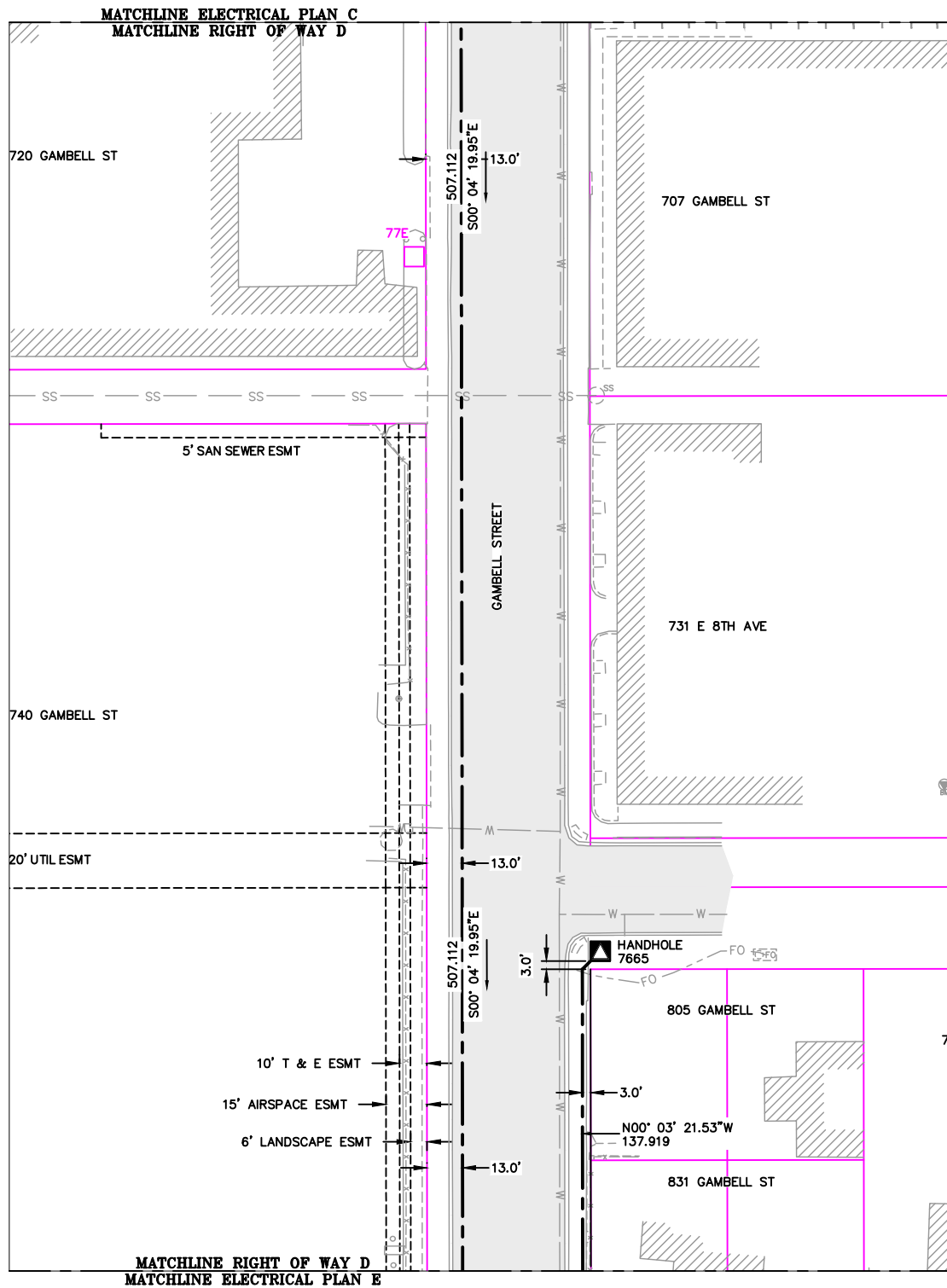
DRAWING NAME: GAMBELL STREET: OH TO UG T-21 PROJECT	
GRIDS: 1231D, 1331B, 1331D, 1431 FEEDER: S6F7, S10F6, S3F112 / BREAKER 930 RIGHT OF WAY C	
W.O. NO.:	P1900043
P1900043 FINAL.dwg	
PAGE 9 OF 46	



ELECTRICAL PLAN D - PROPOSED

1"=60"



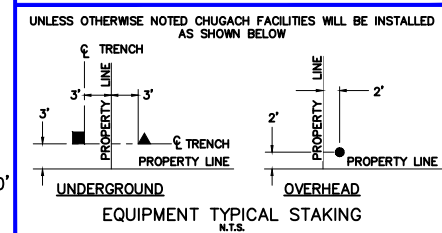


LEGEND

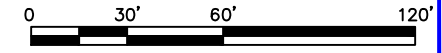
NEW	EXISTING	DESC.
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		PEDESTAL
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1Ø OH XFMR
		DELTA OH XFMR
		3Ø OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1Ø O.H. PRIMARY
		2Ø O.H. PRIMARY
		3Ø O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND

	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON



RIGHT OF WAY D
1"=60'



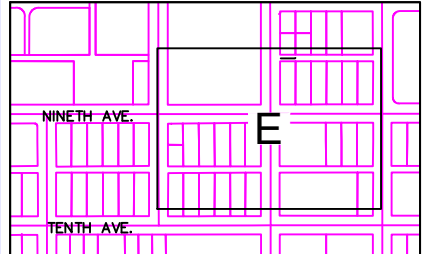
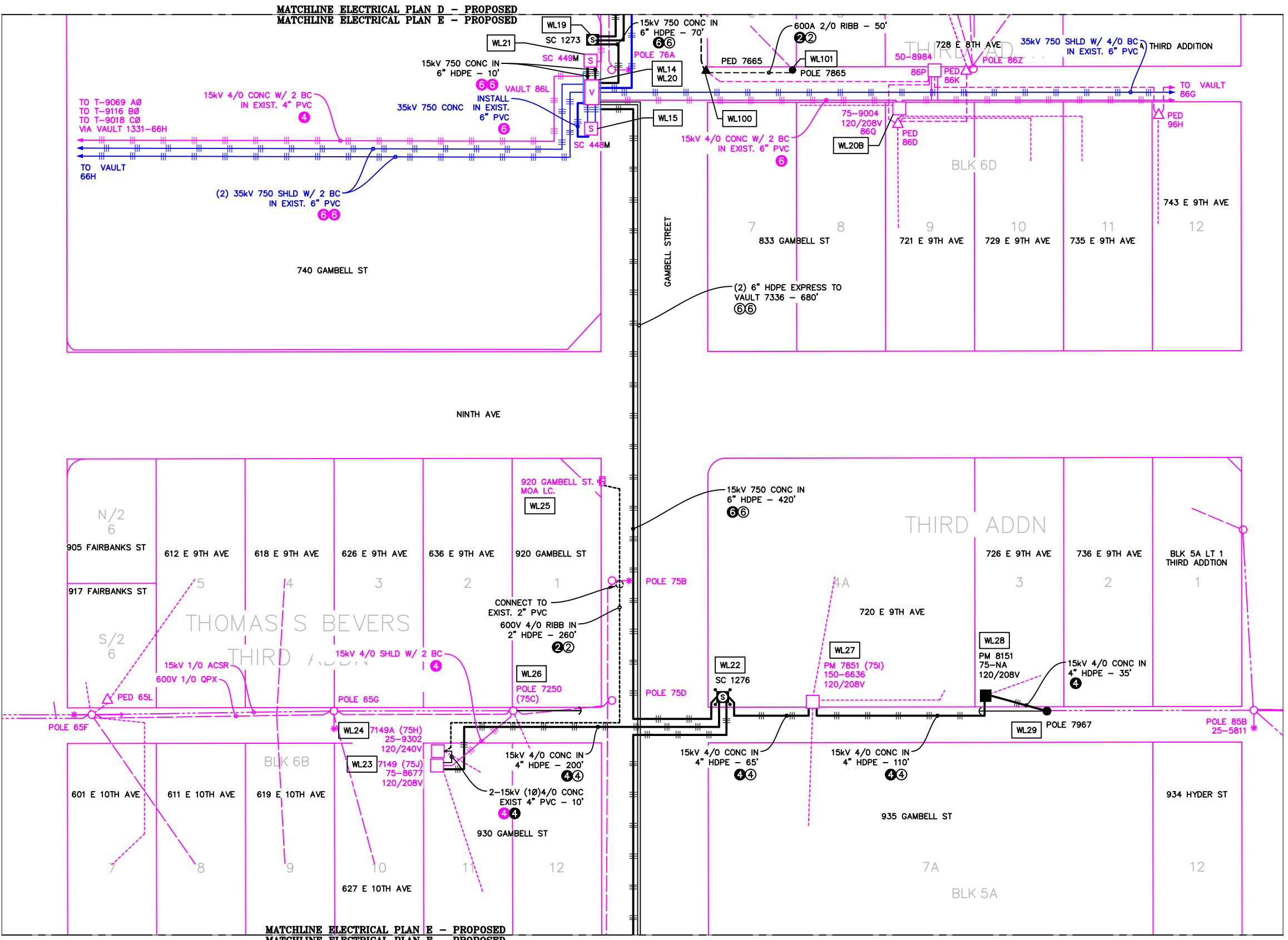
PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

ENG. STAMP



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

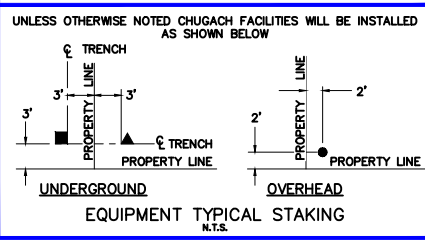
DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT
GRIDS:	1231D, 1331B, 1331D, 1431
FEEDER:	S6F7, S10F6, S3F112 / BREAKER 930
RIGHT OF WAY D	
W.O. NO.:	P1900043
	P1900043 FINAL.dwg
	PAGE 11 OF 46



VICINITY KEY MAP
N.T.S.

NEW	EXISTING	DESC.
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		PEDESTAL
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1Ø OH XFMR
		DELTA OH XFMR
		3Ø OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1Ø O.H. PRIMARY
		2Ø O.H. PRIMARY
		3Ø O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND	
	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON



UNLESS OTHERWISE NOTED CHUGACH FACILITIES WILL BE INSTALLED AS SHOWN BELOW

0 30' 60' 120'

1"=60'

PROJECT: **GAMBELL STREET: OH TO UG T-21 PROJECT**

DESIGNER/PROJECT ENGINEER: **M. SALVANERA** W.O. # **P1900043**

NO. DESIGN/CONSTRUCTION/AS-BUILT REVISION

0	ISSUED FOR PRELIM DESIGN	DWN BY/DATE	APPROVED/DATE
1	ISSUED FOR FINAL DESIGN	MS 2/16/28	-
		MS 4/10/28	<i>Jm</i> 4/21/28

ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE

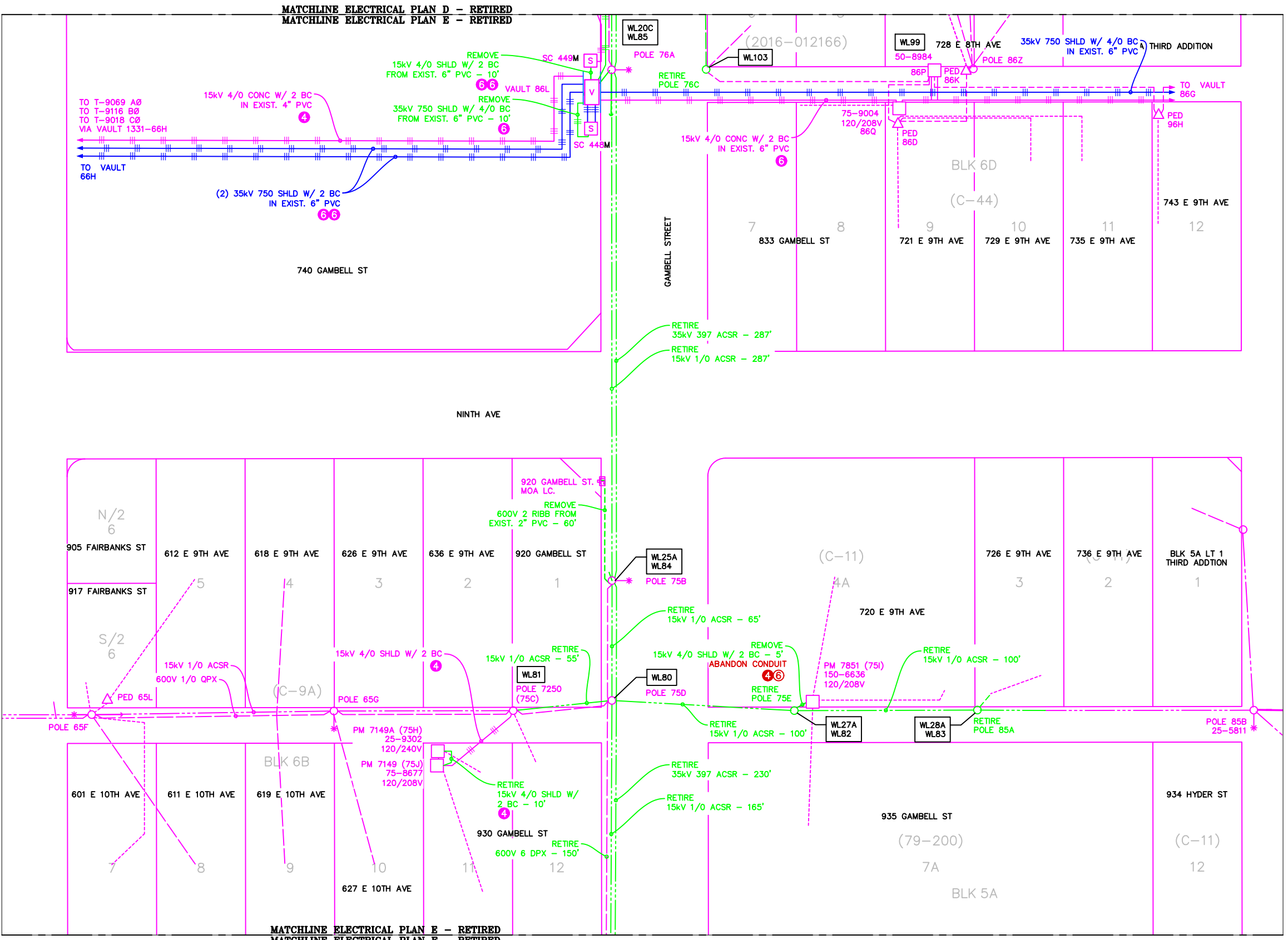
Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME: **GAMBELL STREET: OH TO UG T-21 PROJECT**

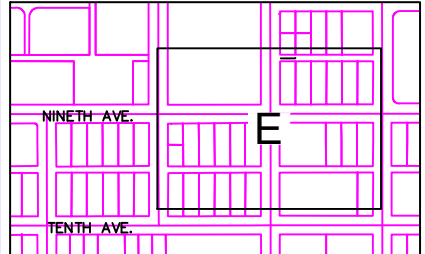
GRIDS: 1231D, 1331B, 1331D, 1431
FEEDER: S6F7, S10F6, S3F112 / BREAKER 930
ELECTRICAL PLAN E - PROPOSED

P1900043 FINAL.dwg

PAGE 12 OF 46



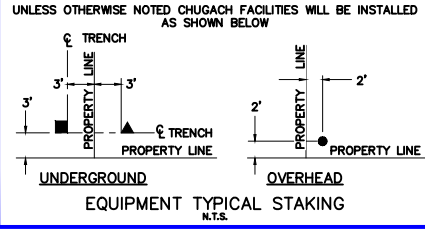
ELECTRICAL PLAN E - RETIRED
1"=60'



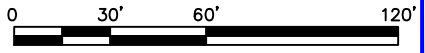
VICINITY KEY MAP
N.T.S.

NEW	EXISTING	DESC.
[V]	[V]	VAULT
[J]	[J]	JUNCTION BOX
[S]	[S]	SWITCH CABINET
[P]	[P]	PULLBOX
[F]	[F]	PADMOUNT XFMR
[M]	[M]	FUSED JUNCTION BOX
[M]	[M]	PRIMARY METER
[▲]	[▲]	HANDHOLE
[○]	[○]	PEDESTAL
[⊗]	[⊗]	NON-CEA POLE
[●]	[●]	POLE
[*]	[*]	LIGHT
[→]	[→]	DOWN GUY
[~]	[~]	FUSE
[◇]	[◇]	SPLICE POINT
[⌒]	[⌒]	1Ø OH XFMR
[⌒⌒]	[⌒⌒]	DELTA OH XFMR
[⌒⌒⌒]	[⌒⌒⌒]	3Ø OH XFMR
[FO]	[FO]	FIBER OPTIC
[//]	[//]	O.H. XMSSN
[--//--]	[--//--]	U.G. XMSSN
[X]	[X]	SPAN GUY
[2"]	[2"]	CONDUIT DIAMETER
[+]	[+]	1Ø U.G. PRIMARY
[=]	[=]	2Ø U.G. PRIMARY
[≡]	[≡]	3Ø U.G. PRIMARY
[---]	[---]	U.G. SECONDARY
[---]	[---]	U.G. SERVICE
[---]	[---]	1Ø O.H. PRIMARY
[---]	[---]	2Ø O.H. PRIMARY
[---]	[---]	3Ø O.H. PRIMARY
[---]	[---]	R.O.W. EASEMENT LINE
[---]	[---]	CENTERLINE OF TRENCH

COLOR LEGEND	
[Solid Black]	NEW
[Dashed Black]	REFERENCE
[Solid Green]	EXISTING
[Solid Red]	RETIRE
[Solid Blue]	ABANDON



UNLESS OTHERWISE NOTED CHUGACH FACILITIES WILL BE INSTALLED AS SHOWN BELOW
EQUIPMENT TYPICAL STAKING
N.T.S.

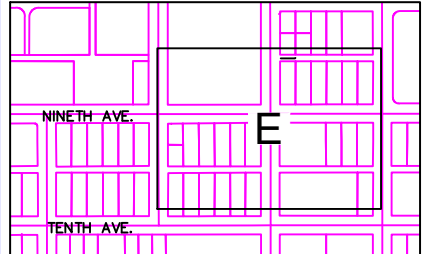
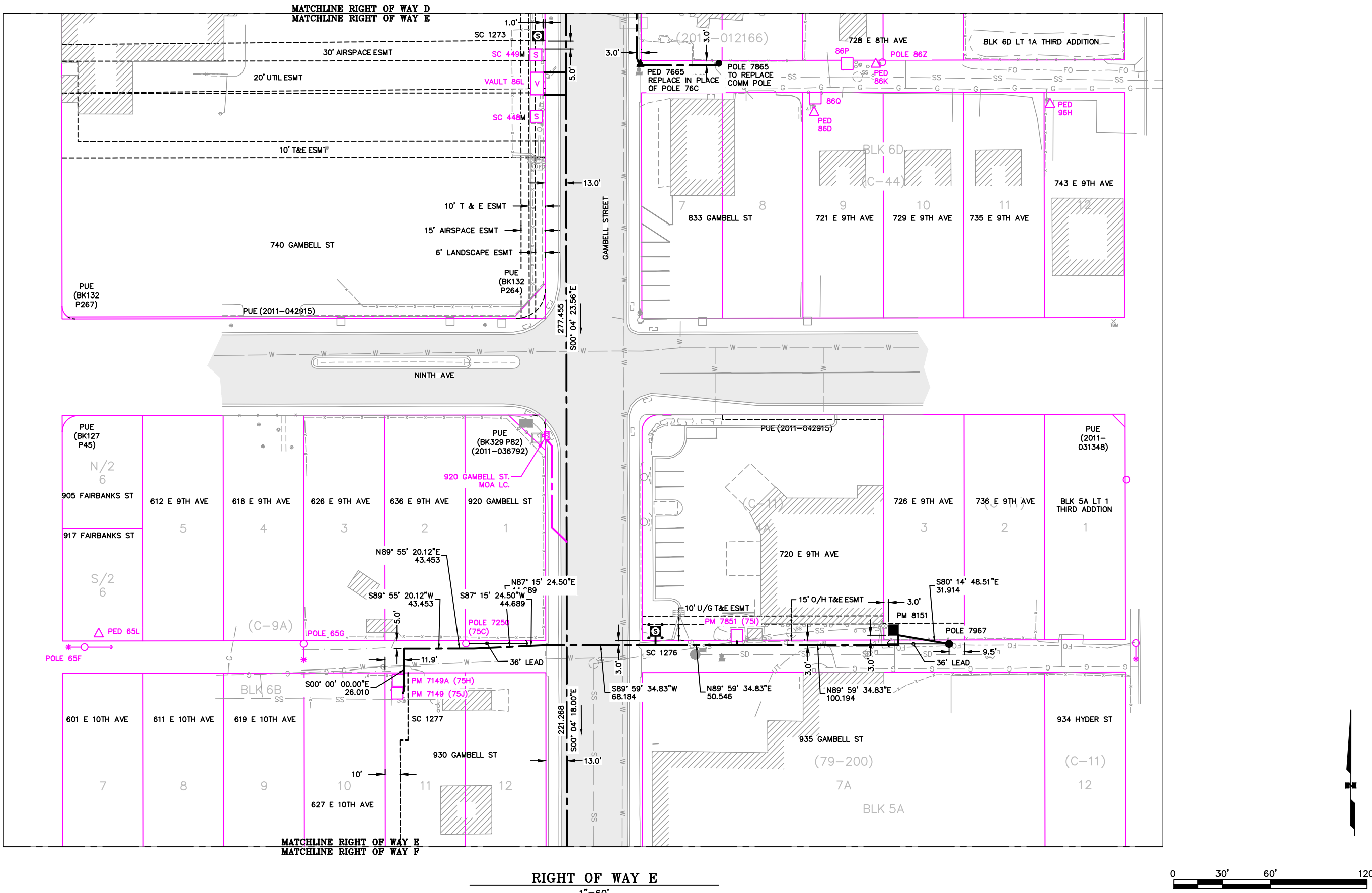


PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	Jm 4/21/26

ENG. STAMP

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

DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT		
	GRIDS: 1231D, 1331B, 1331D, 1431 FEEDER: S6F7, S10F6, S3F112 / BREAKER 930 ELECTRICAL PLAN E - RETIRED		
W.O. NO.:	P1900043		P1900043 FINAL.dwg
	PAGE 13 OF 46		

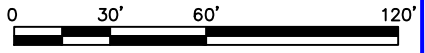
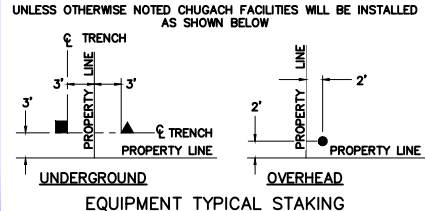


VICINITY KEY MAP
N.T.S.

NEW	EXISTING	DESC.
[V]	[V]	VAULT
[J]	[J]	JUNCTION BOX
[S]	[S]	SWITCH CABINET
[P]	[P]	PULLBOX
[F]	[F]	PADMOUNT XFMR
[M]	[M]	FUSED JUNCTION BOX
[M]	[M]	PRIMARY METER
[▲]	[▲]	HANDHOLE
[△]	[△]	PEDESTAL
[○]	[○]	NON-CEA POLE
[●]	[●]	POLE
[*]	[*]	LIGHT
[↓]	[↓]	DOWN GUY
[~]	[~]	FUSE
[◇]	[◇]	SPLICE POINT
[⊕]	[⊕]	1Ø OH XFMR
[⊕⊕]	[⊕⊕]	DELTA OH XFMR
[⊕⊕⊕]	[⊕⊕⊕]	3Ø OH XFMR
[FO]	[FO]	FIBER OPTIC
[//]	[//]	O.H. XMSSN
[//]	[//]	U.G. XMSSN
[X]	[X]	SPAN GUY
[2"]	[2"]	CONDUIT DIAMETER
[]	[]	1Ø U.G. PRIMARY
[]	[]	2Ø U.G. PRIMARY
[]	[]	3Ø U.G. PRIMARY
[---]	[---]	U.G. SECONDARY
[---]	[---]	U.G. SERVICE
[---]	[---]	1Ø O.H. PRIMARY
[---]	[---]	2Ø O.H. PRIMARY
[---]	[---]	3Ø O.H. PRIMARY
[---]	[---]	R.O.W. EASEMENT LINE
[---]	[---]	CENTERLINE OF TRENCH

COLOR LEGEND

[Solid Line]	NEW
[Dashed Line]	REFERENCE
[Pink Line]	EXISTING
[Green Line]	RETIRE
[Red Line]	ABANDON

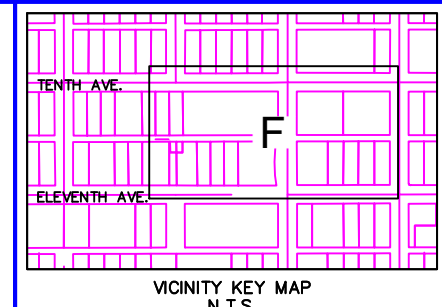
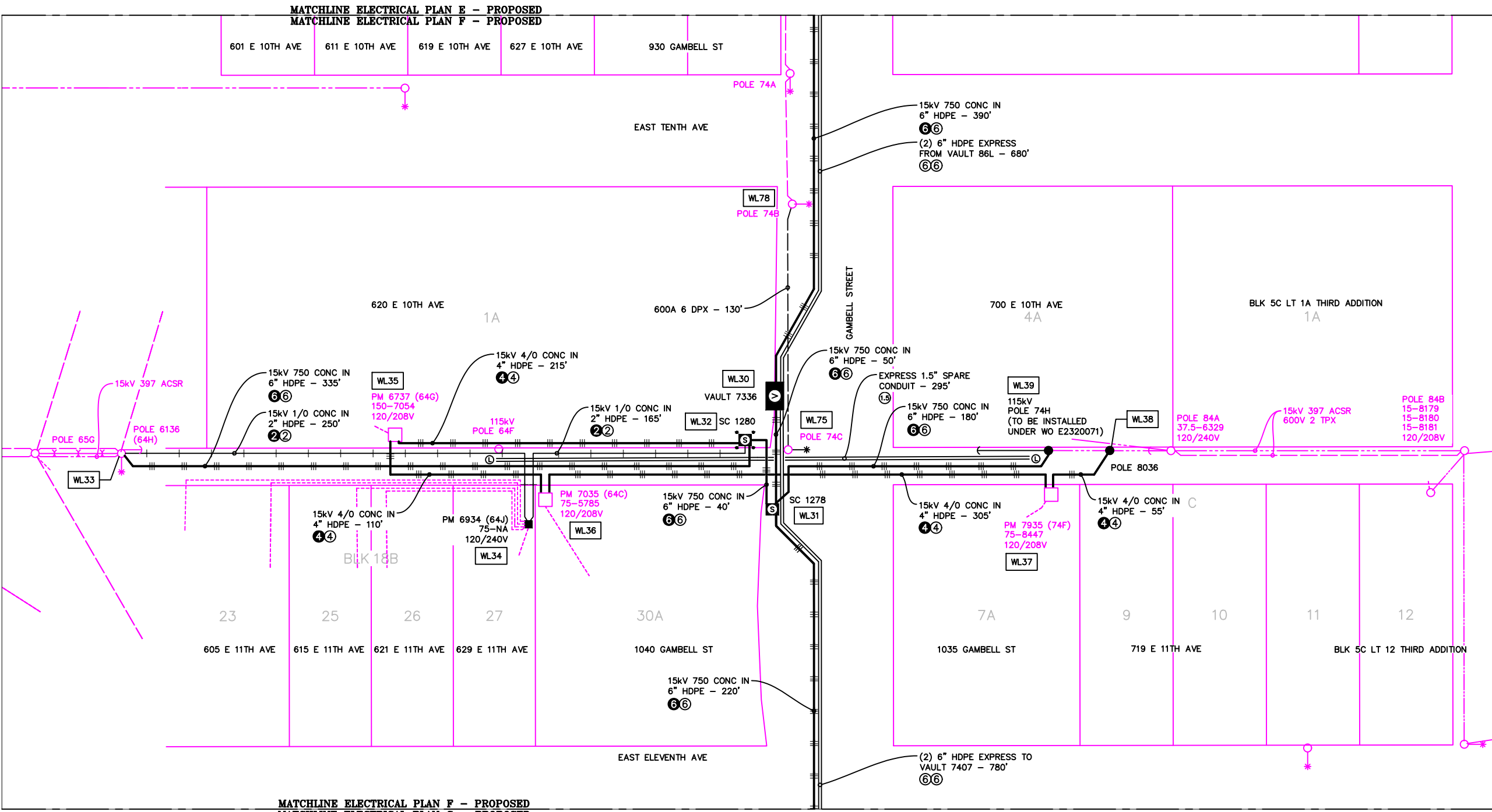


PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. # P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

ENG. STAMP

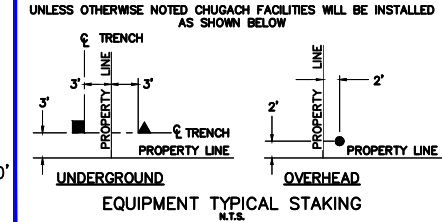
Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT
	GRIDS: 1231D, 1331B, 1331D, 1431
	FEEDER: S6F7, S10F6, S3F112 / BREAKER 930
	RIGHT OF WAY E
W.O. NO.:	P1900043
	P1900043 FINAL.dwg

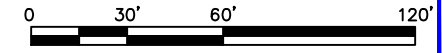


LEGEND		
NEW	EXISTING	DESC.
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		PEDESTAL
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1Ø OH XFMR
		DELTA OH XFMR
		3Ø OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1Ø O.H. PRIMARY
		2Ø O.H. PRIMARY
		3Ø O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND	
	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON



ELECTRICAL PLAN F - PROPOSED
1"=60'



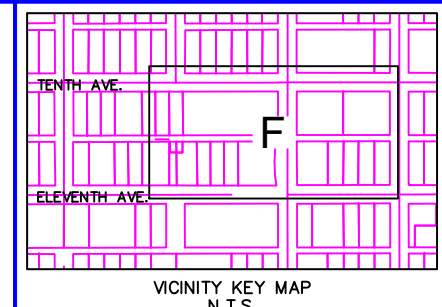
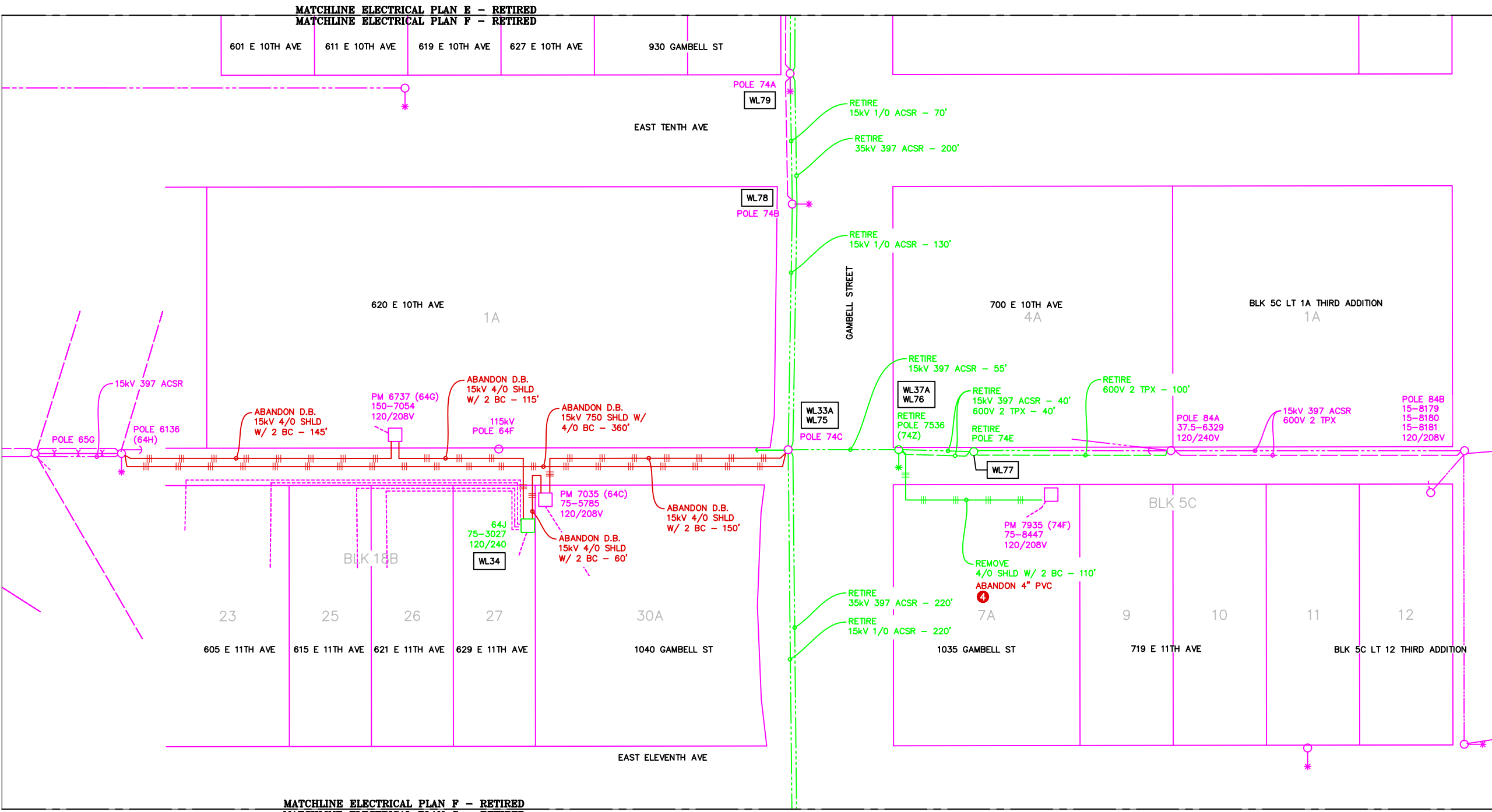
PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

ENG. STAMP



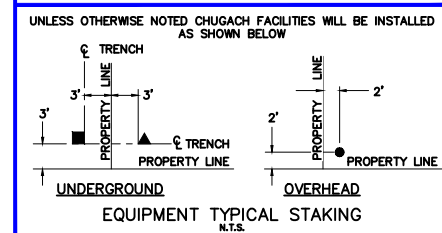
Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT		
	GRIDS: 1231D, 1331B, 1331D, 1431 FEEDER: S6F7, S10F6, S3F112 / BREAKER 930 ELECTRICAL PLAN F - PROPOSED		
W.O. NO.:	P1900043		P1900043 FINAL.dwg
	PAGE 15 OF 46		



LEGEND		
NEW	EXISTING	DESC.
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		PEDESTAL
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1Ø OH XFMR
		DELTA OH XFMR
		3Ø OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1Ø O.H. PRIMARY
		2Ø O.H. PRIMARY
		3Ø O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND	
	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON



MATCHLINE ELECTRICAL PLAN F - RETIRED
 MATCHLINE ELECTRICAL PLAN G - RETIRED

PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

ENG. STAMP

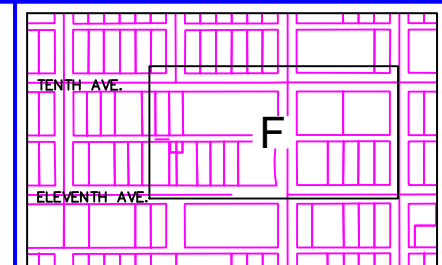
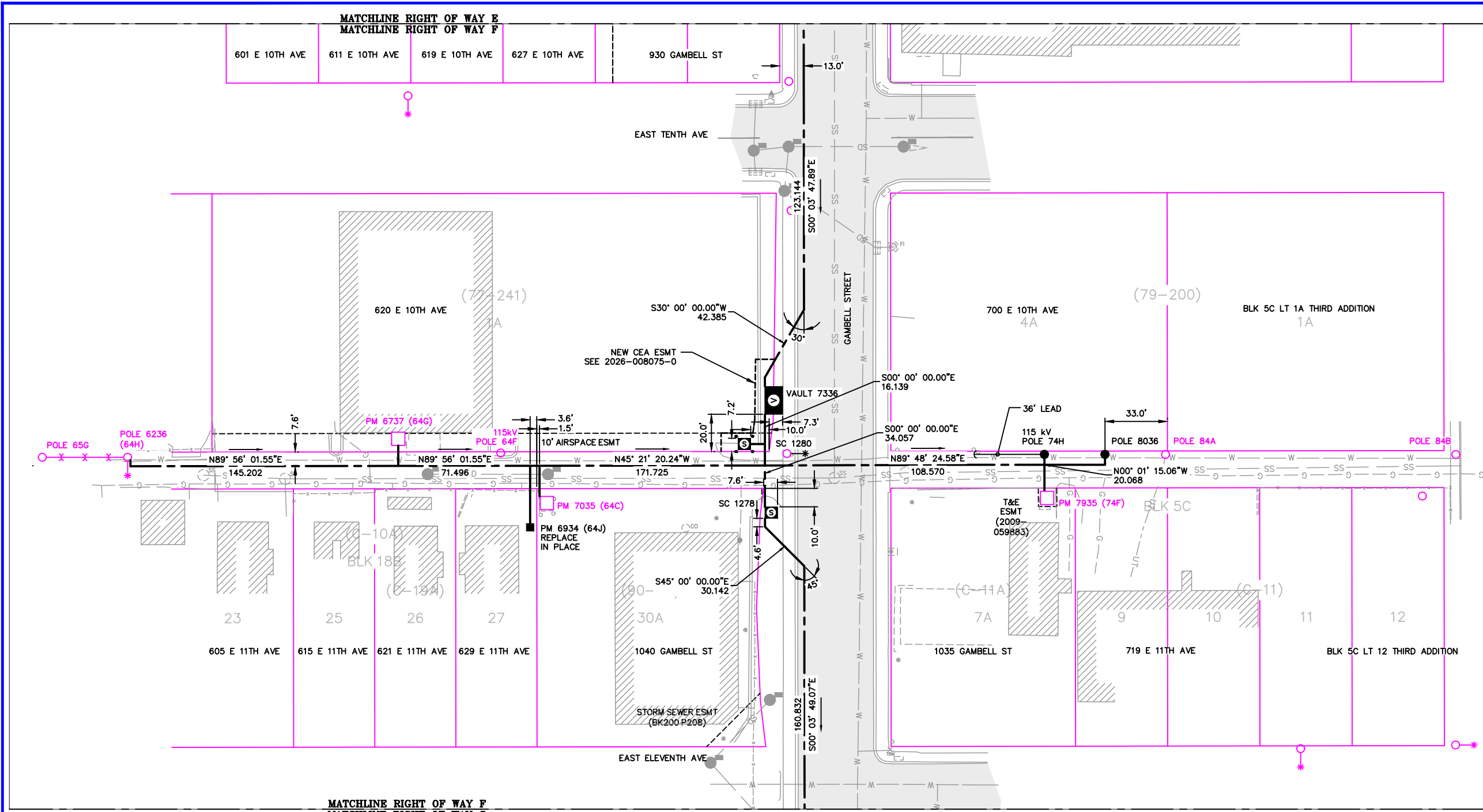
Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

DRAWING NAME: **GAMBELL STREET: OH TO UG T-21 PROJECT**

GRIDS: 1231D, 1331B, 1331D, 1431
FEEDER: S6F7, S10F6, S3F112 / BREAKER 930
ELECTRICAL PLAN F - RETIRED

W.O. NO.: **P1900043**

P1900043 FINAL.dwg
 PAGE 16 OF 46



LEGEND

NEW	EXISTING	DESC.
[V]	[V]	VAULT
[J]	[J]	JUNCTION BOX
[S]	[S]	SWITCH CABINET
[P]	[P]	PULLBOX
[F]	[F]	PADMOUNT XFMR
[M]	[M]	FUSED JUNCTION BOX
[M]	[M]	PRIMARY METER
[▲]	[▲]	HANDHOLE
[▲]	[▲]	PEDESTAL
[⊗]	[⊗]	NON-CEA POLE
[●]	[●]	POLE
[*]	[*]	LIGHT
[→]	[→]	DOWN GUY
[~]	[~]	FUSE
[◇]	[◇]	SPLICE POINT
[⊕]	[⊕]	1Ø OH XFMR
[⊕]	[⊕]	DELTA OH XFMR
[⊕]	[⊕]	3Ø OH XFMR
[FO]	[FO]	FIBER OPTIC
[//]	[//]	O.H. XMSSN
[//]	[//]	U.G. XMSSN
[X]	[X]	SPAN GUY
[2"]	[2"]	CONDUIT DIAMETER
[]	[]	1Ø U.G. PRIMARY
[]	[]	2Ø U.G. PRIMARY
[]	[]	3Ø U.G. PRIMARY
[---]	[---]	U.G. SECONDARY
[---]	[---]	U.G. SERVICE
[---]	[---]	1Ø O.H. PRIMARY
[---]	[---]	2Ø O.H. PRIMARY
[---]	[---]	3Ø O.H. PRIMARY
[---]	[---]	R.O.W. EASEMENT LINE
[---]	[---]	CENTERLINE OF TRENCH

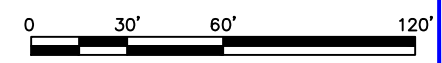
COLOR LEGEND

[Solid Blue]	NEW
[Solid Black]	REFERENCE
[Solid Red]	EXISTING
[Dashed Red]	RETIRE
[Dashed Blue]	ABANDON

UNLESS OTHERWISE NOTED CHUGACH FACILITIES WILL BE INSTALLED AS SHOWN BELOW

MATCHLINE RIGHT OF WAY F
MATCHLINE RIGHT OF WAY G

RIGHT OF WAY F
1"=60'



PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	Jm 4/21/26

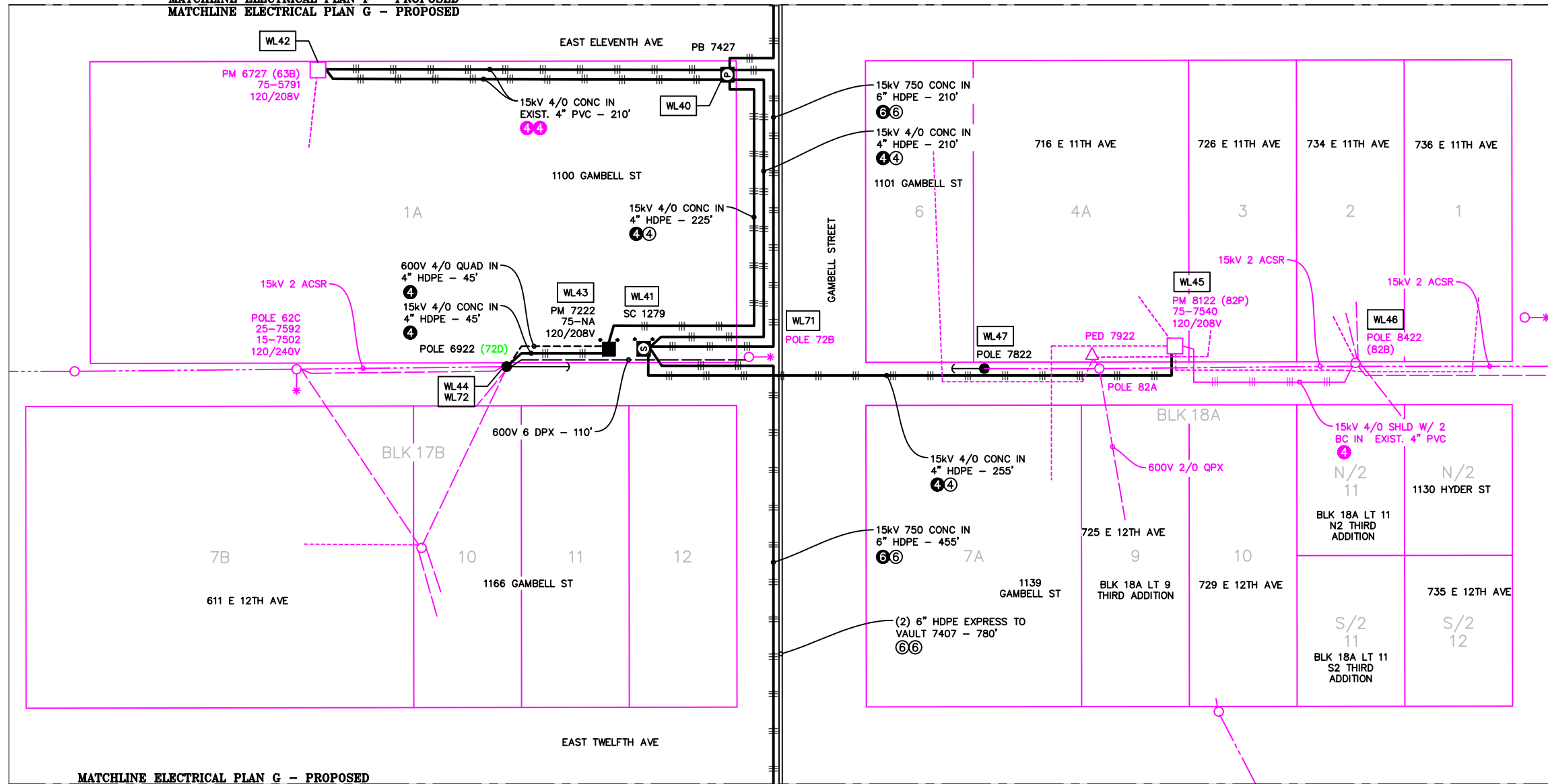
ENG. STAMP



Chugach Electric Association, Inc.
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Anchorage, Alaska 99519-6300

DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT		
GRIDS:	1231D, 1331B, 1331D, 1431		
FEEDER:	S6F7, S10F6, S3F112 / BREAKER 930		
RIGHT OF WAY F			
W.O. NO.:	P1900043		P1900043 FINAL.dwg
			PAGE 17 OF 46

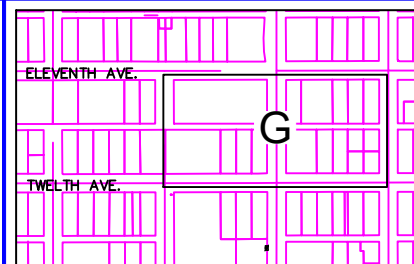
MATCHLINE ELECTRICAL PLAN F - PROPOSED
 MATCHLINE ELECTRICAL PLAN G - PROPOSED



MATCHLINE ELECTRICAL PLAN G - PROPOSED
 MATCHLINE ELECTRICAL PLAN H - PROPOSED

ELECTRICAL PLAN G - PROPOSED

1"=60'



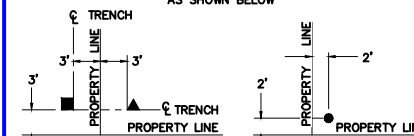
VICINITY KEY MAP
 N.T.S.

NEW	EXISTING	LEGEND	DESC.
		V	VAULT
		J	JUNCTION BOX
		S	SWITCH CABINET
		P	PULLBOX
		F	PADMOUNT XFMR
		F	FUSED JUNCTION BOX
		M	PRIMARY METER
		H	HANDHOLE
		P	PEDESTAL
		NP	NON-CEA POLE
		P	POLE
		L	LIGHT
		DG	DOWN GUY
		F	FUSE
		SP	SPLICE POINT
		1Ø	1Ø OH XFMR
		Δ	DELTA OH XFMR
		3Ø	3Ø OH XFMR
		FO	FIBER OPTIC
		O.H.	O.H. XMSSN
		U.G.	U.G. XMSSN
		SG	SPAN GUY
		2"	CONDUIT DIAMETER
		1Ø U.G.	1Ø U.G. PRIMARY
		2Ø U.G.	2Ø U.G. PRIMARY
		3Ø U.G.	3Ø U.G. PRIMARY
		U.G.	U.G. SECONDARY
		U.G.	U.G. SERVICE
		1Ø O.H.	1Ø O.H. PRIMARY
		2Ø O.H.	2Ø O.H. PRIMARY
		3Ø O.H.	3Ø O.H. PRIMARY
		R.O.W.	R.O.W. EASEMENT LINE
		CL	CENTERLINE OF TRENCH

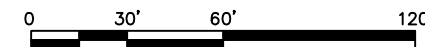
COLOR LEGEND

	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON

UNLESS OTHERWISE NOTED CHUGACH FACILITIES WILL BE INSTALLED AS SHOWN BELOW



EQUIPMENT TYPICAL STAKING
 N.T.S.



PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

ENG. STAMP



Chugach Electric Association, Inc.
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 Anchorage, Alaska 99519-6300

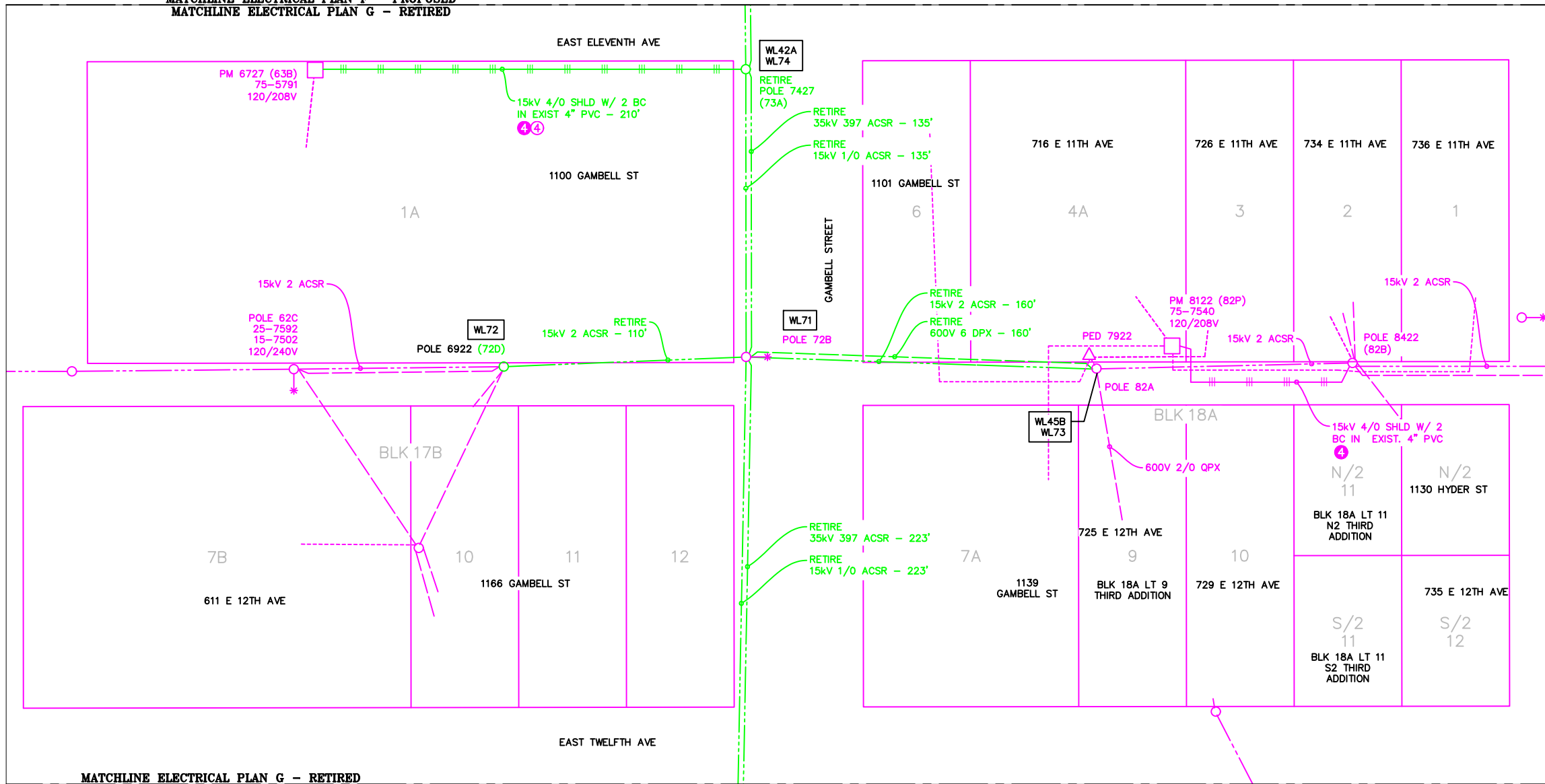
DRAWING NAME: **GAMBELL STREET: OH TO UG T-21 PROJECT**

GRIDS: 1231D, 1331B, 1331D, 1431
 FEEDER: S6F7, S10F6, S3F112 / BREAKER 930
ELECTRICAL PLAN G - PROPOSED

W.O. NO.: **P1900043**

P1900043 FINAL.dwg

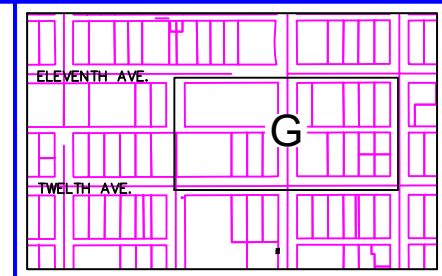
MATCHLINE ELECTRICAL PLAN F - PROPOSED
 MATCHLINE ELECTRICAL PLAN G - RETIRED



MATCHLINE ELECTRICAL PLAN G - RETIRED
 MATCHLINE ELECTRICAL PLAN H - PROPOSED

ELECTRICAL PLAN G - RETIRED

1"=60'

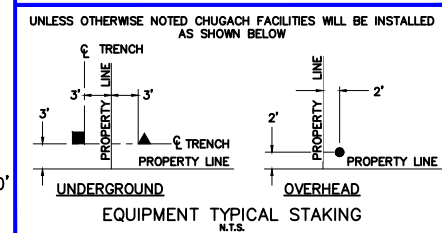


VICINITY KEY MAP
N.T.S.

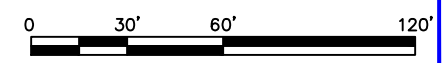
NEW	EXISTING	DESC.
[Symbol]	[Symbol]	VAULT
[Symbol]	[Symbol]	JUNCTION BOX
[Symbol]	[Symbol]	SWITCH CABINET
[Symbol]	[Symbol]	PULLBOX
[Symbol]	[Symbol]	PADMOUNT XFMR
[Symbol]	[Symbol]	FUSED JUNCTION BOX
[Symbol]	[Symbol]	PRIMARY METER
[Symbol]	[Symbol]	HANDHOLE
[Symbol]	[Symbol]	PEDESTAL
[Symbol]	[Symbol]	NON-CEA POLE
[Symbol]	[Symbol]	POLE
[Symbol]	[Symbol]	LIGHT
[Symbol]	[Symbol]	DOWN GUY
[Symbol]	[Symbol]	FUSE
[Symbol]	[Symbol]	SPLICE POINT
[Symbol]	[Symbol]	1Ø OH XFMR
[Symbol]	[Symbol]	DELTA OH XFMR
[Symbol]	[Symbol]	3Ø OH XFMR
[Symbol]	[Symbol]	FIBER OPTIC
[Symbol]	[Symbol]	O.H. XMSSN
[Symbol]	[Symbol]	U.G. XMSSN
[Symbol]	[Symbol]	SPAN GUY
[Symbol]	[Symbol]	CONDUIT DIAMETER
[Symbol]	[Symbol]	1Ø U.G. PRIMARY
[Symbol]	[Symbol]	2Ø U.G. PRIMARY
[Symbol]	[Symbol]	3Ø U.G. PRIMARY
[Symbol]	[Symbol]	U.G. SECONDARY
[Symbol]	[Symbol]	U.G. SERVICE
[Symbol]	[Symbol]	1Ø O.H. PRIMARY
[Symbol]	[Symbol]	2Ø O.H. PRIMARY
[Symbol]	[Symbol]	3Ø O.H. PRIMARY
[Symbol]	[Symbol]	R.O.W. EASEMENT LINE
[Symbol]	[Symbol]	CENTERLINE OF TRENCH

COLOR LEGEND

[Line Style]	NEW
[Line Style]	REFERENCE
[Line Style]	EXISTING
[Line Style]	RETIRED
[Line Style]	ABANDON



EQUIPMENT TYPICAL STAKING
N.T.S.



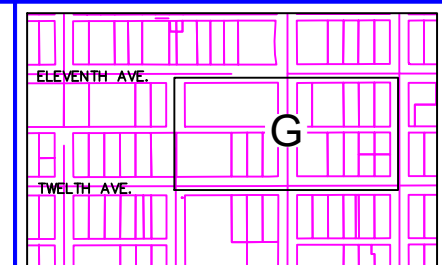
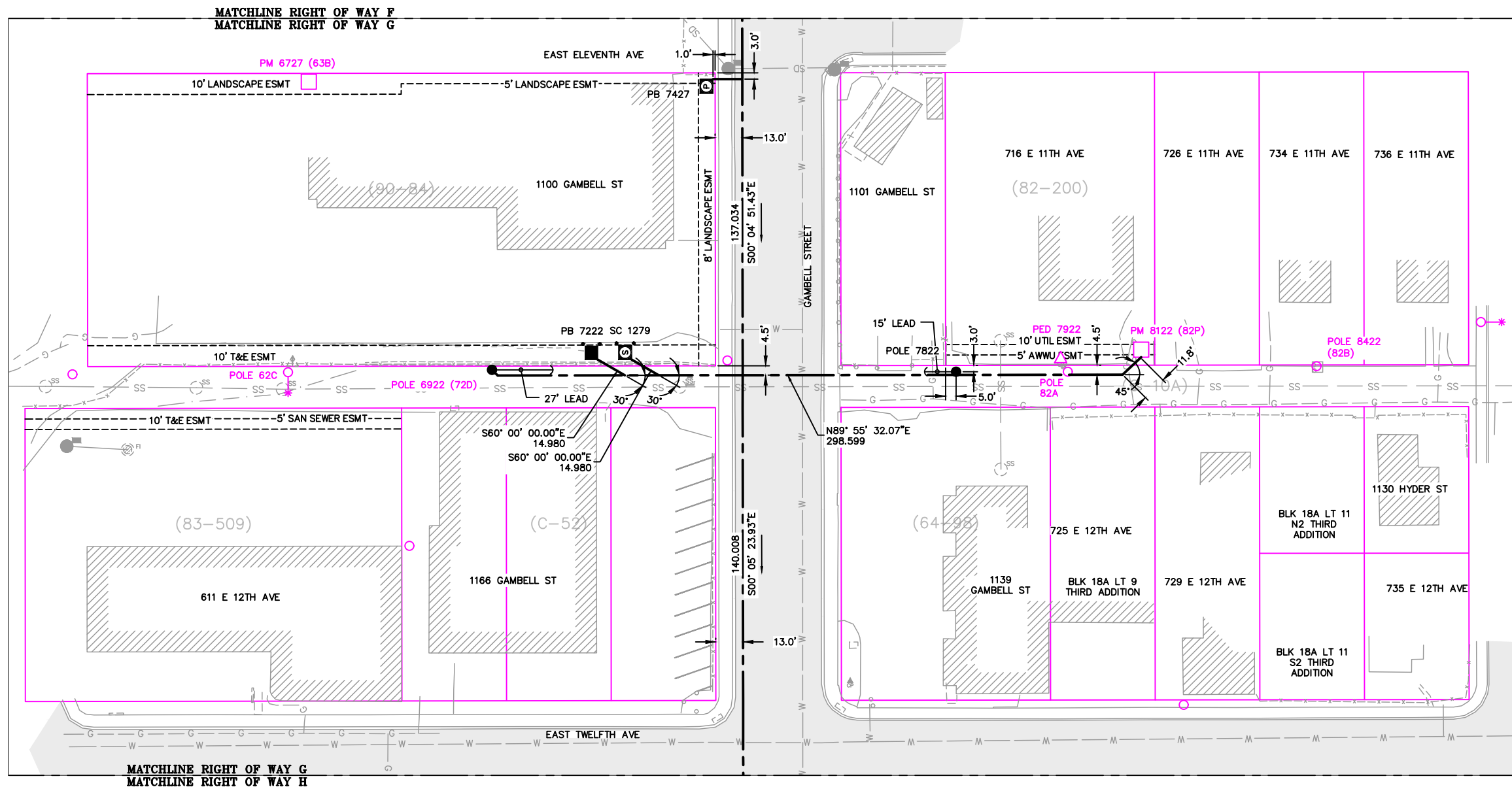
PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

ENG. STAMP



Chugach Electric Association, Inc.
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 Anchorage, Alaska 99519-6300

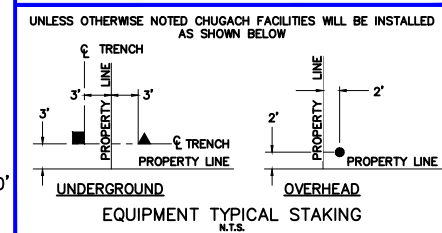
DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT		
	GRIDS: 1231D, 1331B, 1331D, 1431		
	FEEDER: S6F7, S10F6, S3F112 / BREAKER 930		
	ELECTRICAL PLAN G - RETIRED		
W.O. NO.:	P1900043		P1900043 FINAL.dwg
	PAGE 19 OF 46		



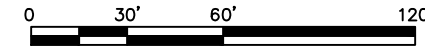
VICINITY KEY MAP
N.T.S.

NEW	EXISTING	DESC.
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		PEDESTAL
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1Ø OH XFMR
		DELTA OH XFMR
		3Ø OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1Ø O.H. PRIMARY
		2Ø O.H. PRIMARY
		3Ø O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND	
	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON



RIGHT OF WAY G
1"=60'



PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

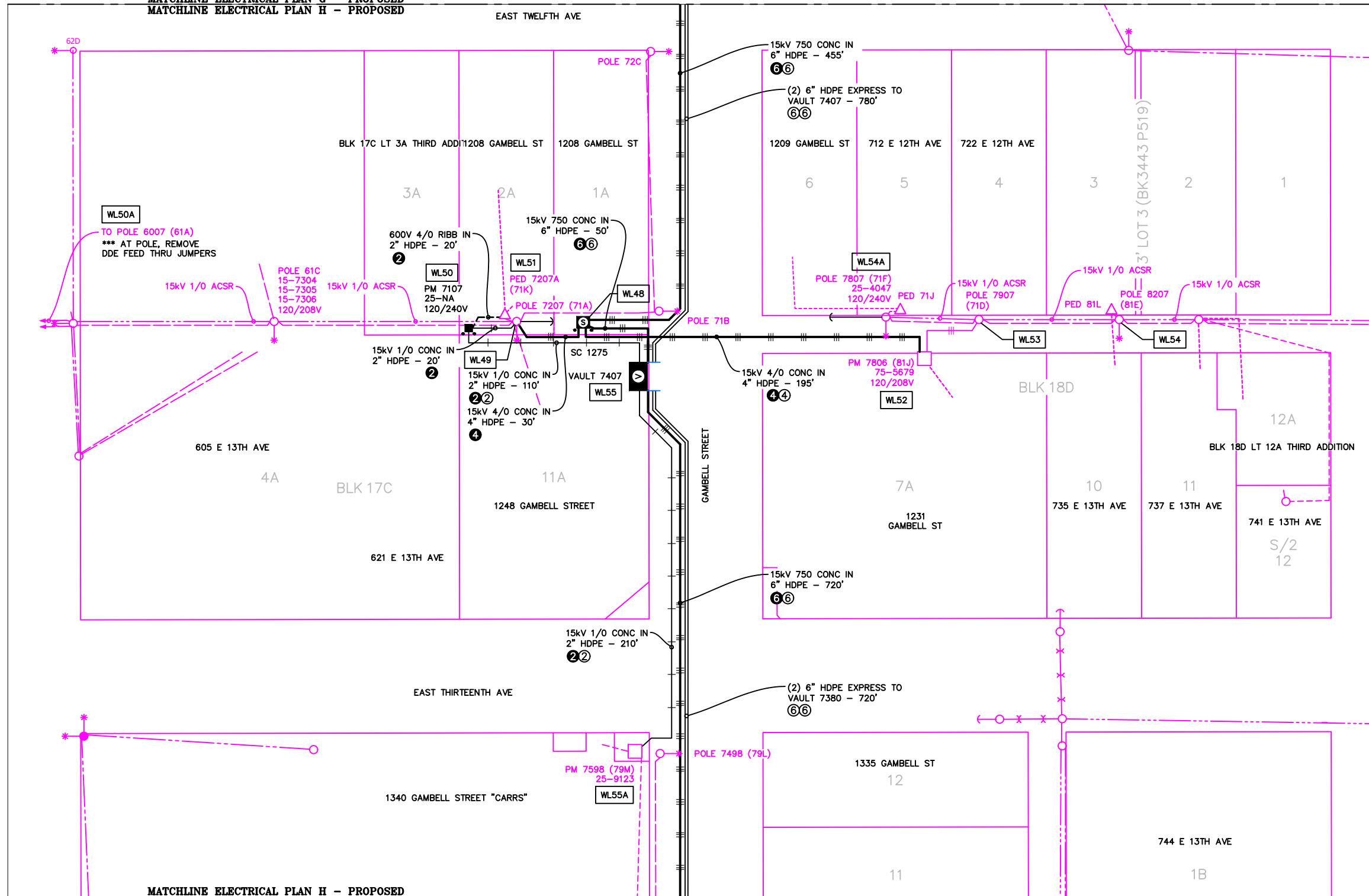
ENG. STAMP



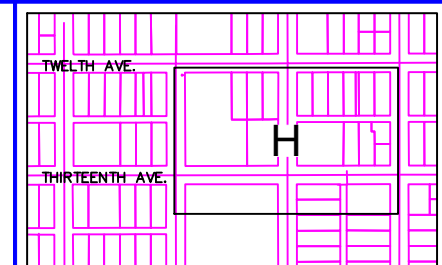
Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT		
	GRIDS: 1231D, 1331B, 1331D, 1431		
	FEEDER: S6F7, S10F6, S3F112 / BREAKER 930		
	RIGHT OF WAY G		
W.O. NO.:	P1900043		P1900043 FINAL.dwg
			PAGE 20 OF 46

MATCHLINE ELECTRICAL PLAN G - PROPOSED
 MATCHLINE ELECTRICAL PLAN H - PROPOSED



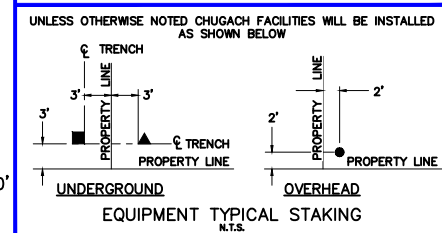
MATCHLINE ELECTRICAL PLAN H - PROPOSED
 MATCHLINE ELECTRICAL PLAN I



VICINITY KEY MAP
 N.T.S.

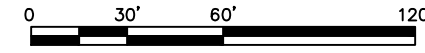
NEW	EXISTING	LEGEND	DESC.
[Symbol]	[Symbol]	V	VAULT
[Symbol]	[Symbol]	J	JUNCTION BOX
[Symbol]	[Symbol]	S	SWITCH CABINET
[Symbol]	[Symbol]	P	PULLBOX
[Symbol]	[Symbol]	F	PADMOUNT XFMR
[Symbol]	[Symbol]	M	FUSED JUNCTION BOX
[Symbol]	[Symbol]	△	PRIMARY METER
[Symbol]	[Symbol]	△	HANDHOLE
[Symbol]	[Symbol]	△	PEDESTAL
[Symbol]	[Symbol]	○	NON-CEA POLE
[Symbol]	[Symbol]	○	POLE
[Symbol]	[Symbol]	○	LIGHT
[Symbol]	[Symbol]	→	DOWN GUY
[Symbol]	[Symbol]	~	FUSE
[Symbol]	[Symbol]	◇	SPLICE POINT
[Symbol]	[Symbol]	⊕	1Ø OH XFMR
[Symbol]	[Symbol]	⊕	DELTA OH XFMR
[Symbol]	[Symbol]	⊕	3Ø OH XFMR
[Symbol]	[Symbol]	FO	FIBER OPTIC
[Symbol]	[Symbol]	///	O.H. XMSSN
[Symbol]	[Symbol]	---//---	U.G. XMSSN
[Symbol]	[Symbol]	X	SPAN GUY
[Symbol]	[Symbol]	2"	CONDUIT DIAMETER
[Symbol]	[Symbol]		1Ø U.G. PRIMARY
[Symbol]	[Symbol]		2Ø U.G. PRIMARY
[Symbol]	[Symbol]		3Ø U.G. PRIMARY
[Symbol]	[Symbol]	---	U.G. SECONDARY
[Symbol]	[Symbol]	---	U.G. SERVICE
[Symbol]	[Symbol]	---	1Ø O.H. PRIMARY
[Symbol]	[Symbol]	---	2Ø O.H. PRIMARY
[Symbol]	[Symbol]	---	3Ø O.H. PRIMARY
[Symbol]	[Symbol]	---	R.O.W. EASEMENT LINE
[Symbol]	[Symbol]	---	CENTERLINE OF TRENCH

COLOR LEGEND	
[Line Style]	NEW
[Line Style]	REFERENCE
[Line Style]	EXISTING
[Line Style]	RETIRE
[Line Style]	ABANDON



EQUIPMENT TYPICAL STAKING
 N.T.S.

ELECTRICAL PLAN H - PROPOSED
 1"=60'



PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	[Signature] 4/21/26

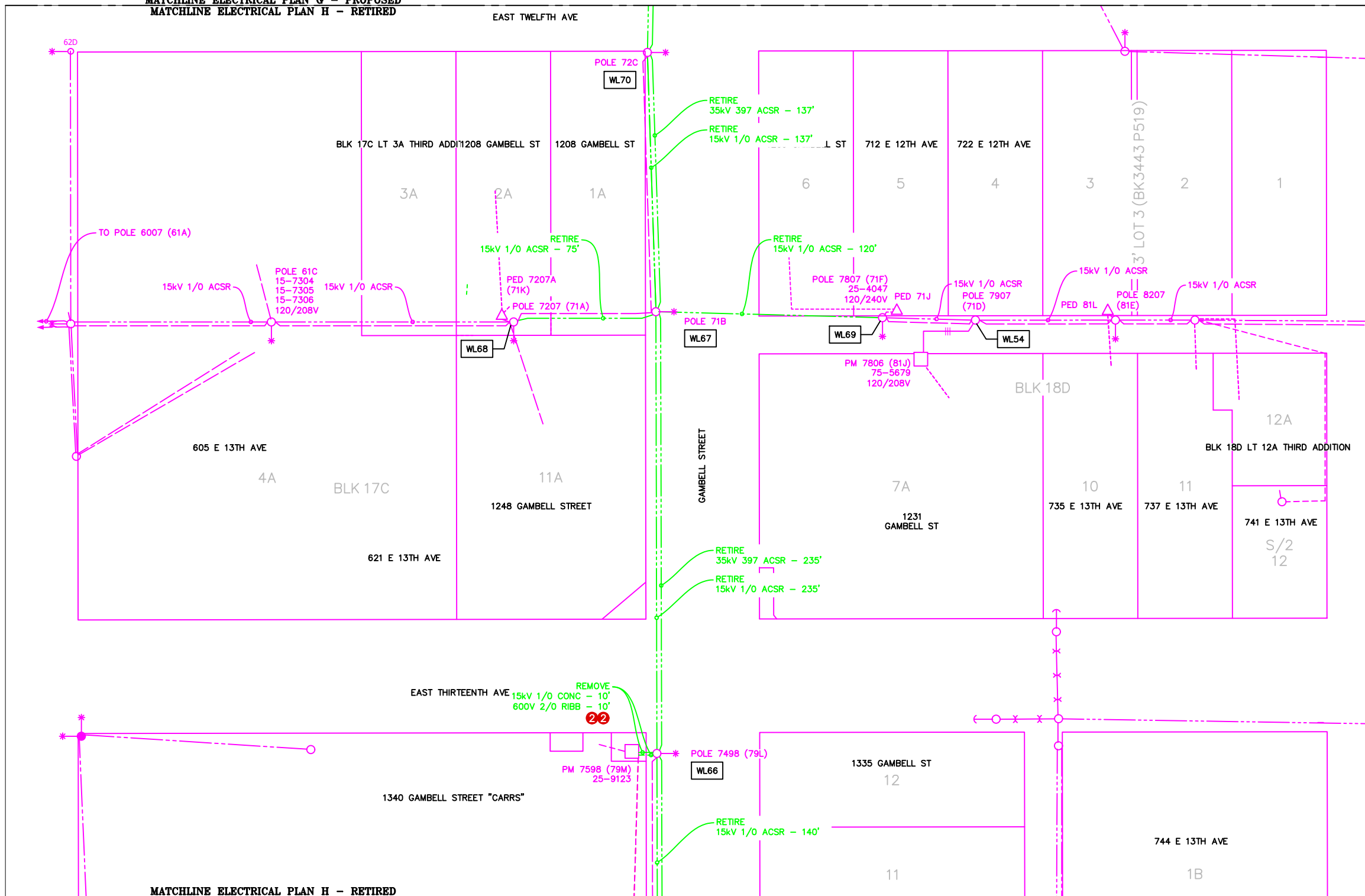
ENG. STAMP



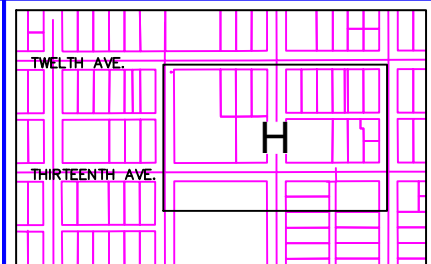
Chugach Electric Association, Inc.
 5601 Electron Drive - P.O. Box 196300
 Anchorage, Alaska 99519-6300

DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT		
	GRIDS: 1231D, 1331B, 1331D, 1431 FEEDER: S6F7, S10F6, S3F112 / BREAKER 930 ELECTRICAL PLAN H - PROPOSED		
W.O. NO.:	P1900043		
	P1900043 FINAL.dwg		
	PAGE 21 OF 46		

MATCHLINE ELECTRICAL PLAN G - PROPOSED
MATCHLINE ELECTRICAL PLAN H - RETIRED



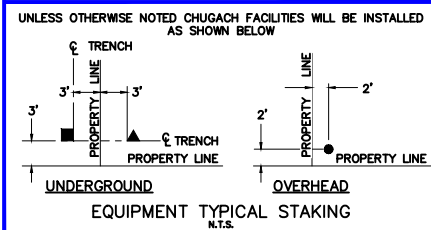
MATCHLINE ELECTRICAL PLAN H - RETIRED
MATCHLINE ELECTRICAL PLAN I



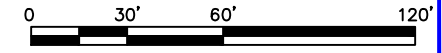
VICINITY KEY MAP
N.T.S.

NEW	EXISTING	LEGEND	DESC.
		V	VAULT
		J	JUNCTION BOX
		S	SWITCH CABINET
		P	PULLBOX
		□	PADMOUNT XFMR
		F	FUSED JUNCTION BOX
		M	PRIMARY METER
		△	HANDHOLE
		△	PEDESTAL
		⊗	NON-CEA POLE
		○	POLE
		○*	LIGHT
		↓	DOWN GUY
		~	FUSE
		◇	SPLICE POINT
		⊕	1Ø OH XFMR
		⊕	DELTA OH XFMR
		⊕	3Ø OH XFMR
		FO	FIBER OPTIC
		///	O.H. XMSSN
		---//---	U.G. XMSSN
		X	SPAN GUY
		2"	CONDUIT DIAMETER
		— —	1Ø U.G. PRIMARY
		— —	2Ø U.G. PRIMARY
		— —	3Ø U.G. PRIMARY
		---	U.G. SECONDARY
		---	U.G. SERVICE
		---	1Ø O.H. PRIMARY
		---	2Ø O.H. PRIMARY
		---	3Ø O.H. PRIMARY
		---	R.O.W. EASEMENT LINE
		---	CENTERLINE OF TRENCH

COLOR LEGEND	
	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON



ELECTRICAL PLAN H - RETIRED
1"=60'



PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/28	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/28	<i>Jm</i> 4/21/28

ENG. STAMP

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

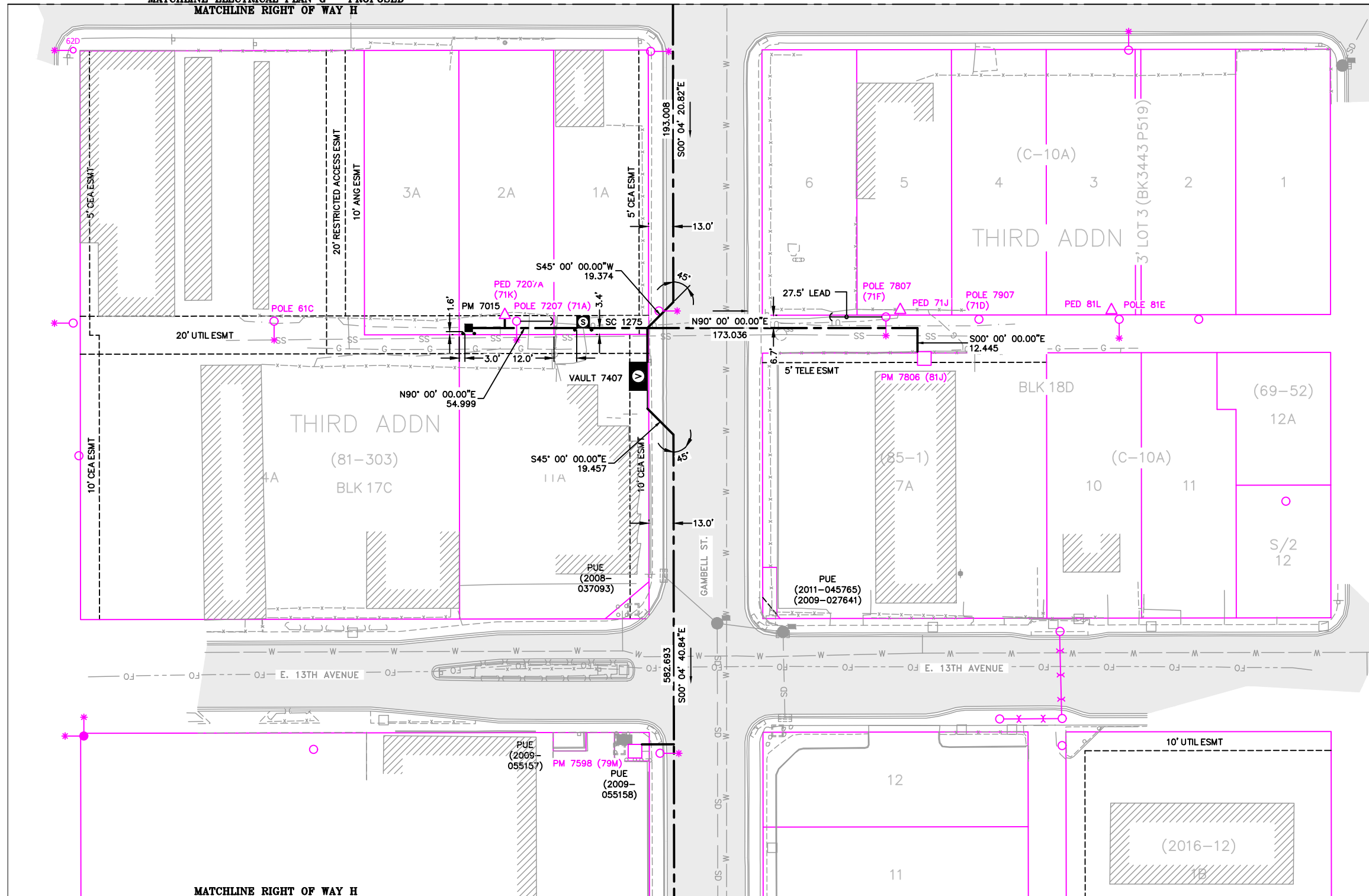
DRAWING NAME: **GAMBELL STREET: OH TO UG T-21 PROJECT**

GRIDS: 1231D, 1331B, 1331D, 1431
FEEDER: S6F7, S10F6, S3F112 / BREAKER 930
ELECTRICAL PLAN H - RETIRED

W.O. NO.: **P1900043**

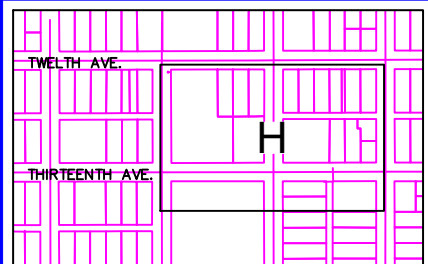
P1900043 FINAL.dwg
PAGE 22 OF 46

MATCHLINE ELECTRICAL PLAN G - PROPOSED
MATCHLINE RIGHT OF WAY H



MATCHLINE RIGHT OF WAY H
MATCHLINE ELECTRICAL PLAN I

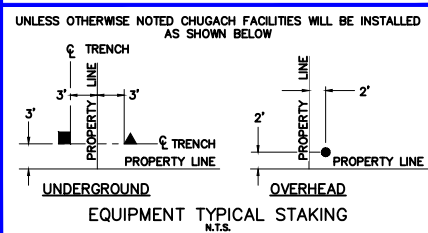
RIGHT OF WAY H
1"=60'



VICINITY KEY MAP
N.T.S.

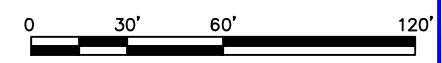
NEW	EXISTING	DESC.
[V]	[V]	VAULT
[J]	[J]	JUNCTION BOX
[S]	[S]	SWITCH CABINET
[P]	[P]	PULLBOX
[F]	[F]	PADMOUNT XFMR
[M]	[M]	FUSED JUNCTION BOX
[▲]	[▲]	PRIMARY METER
[○]	[○]	HANDHOLE
[△]	[△]	PEDESTAL
[⊗]	[⊗]	NON-CEA POLE
[●]	[●]	POLE
[*]	[*]	LIGHT
[↓]	[↓]	DOWN GUY
[~]	[~]	FUSE
[◇]	[◇]	SPLICE POINT
[⊕]	[⊕]	1Ø OH XFMR
[⊕⊕]	[⊕⊕]	DELTA OH XFMR
[⊕⊕⊕]	[⊕⊕⊕]	3Ø OH XFMR
[FO]	[FO]	FIBER OPTIC
[//]	[//]	O.H. XMSSN
[-//]	[-//]	U.G. XMSSN
[X]	[X]	SPAN GUY
[2"]	[2"]	CONDUIT DIAMETER
[]	[]	1Ø U.G. PRIMARY
[]	[]	2Ø U.G. PRIMARY
[]	[]	3Ø U.G. PRIMARY
[---]	[---]	U.G. SECONDARY
[---	[---	U.G. SERVICE
[---]	[---]	1Ø O.H. PRIMARY
[---]	[---]	2Ø O.H. PRIMARY
[---]	[---]	3Ø O.H. PRIMARY
[---	[---	R.O.W. EASEMENT LINE
[---	[---	CENTERLINE OF TRENCH

COLOR LEGEND	
[Black Line]	NEW
[Grey Line]	REFERENCE
[Pink Line]	EXISTING
[Green Line]	RETIRE
[Red Line]	ABANDON



UNLESS OTHERWISE NOTED CHUGACH FACILITIES WILL BE INSTALLED AS SHOWN BELOW

EQUIPMENT TYPICAL STAKING
N.T.S.



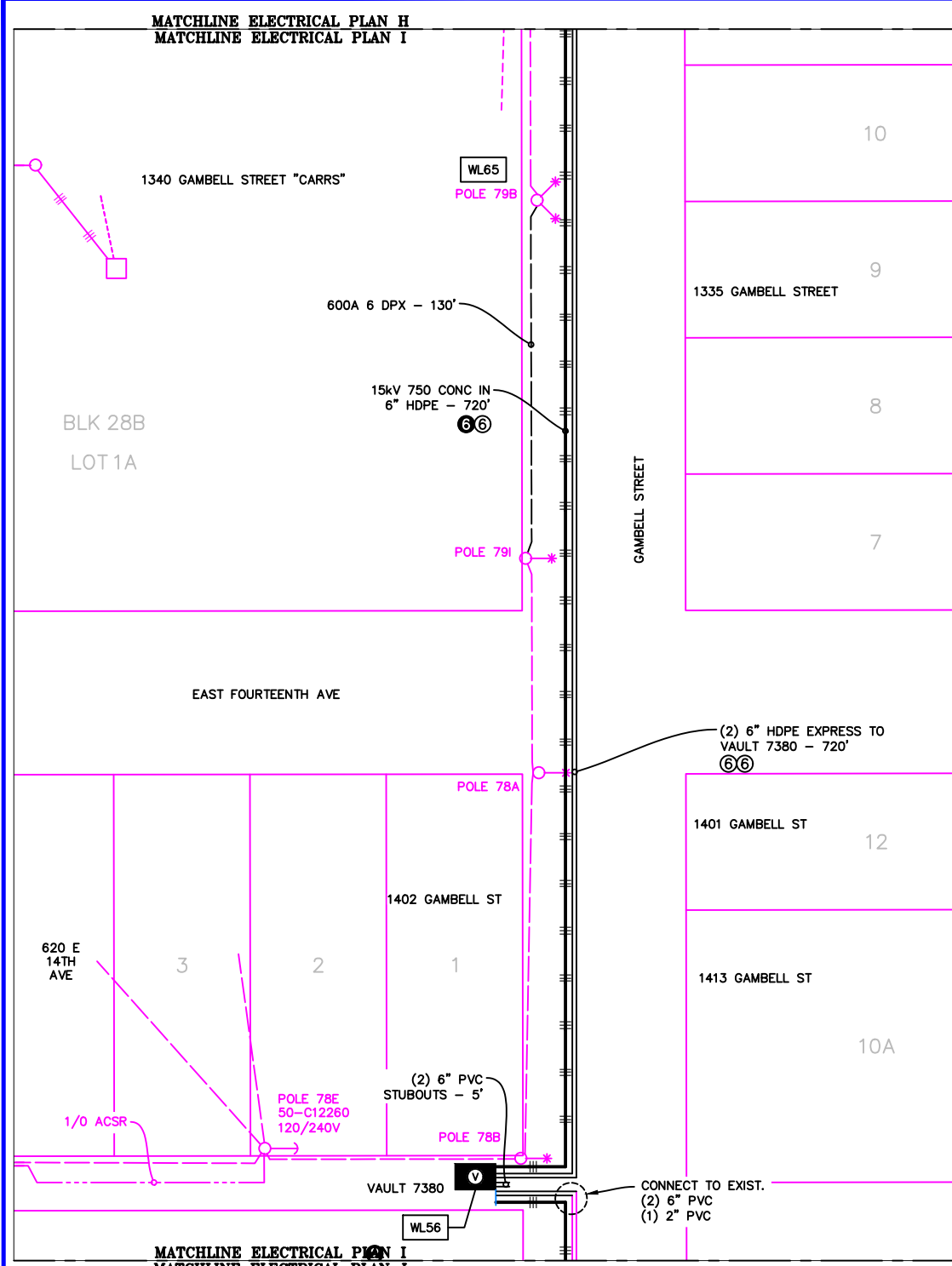
PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

ENG. STAMP

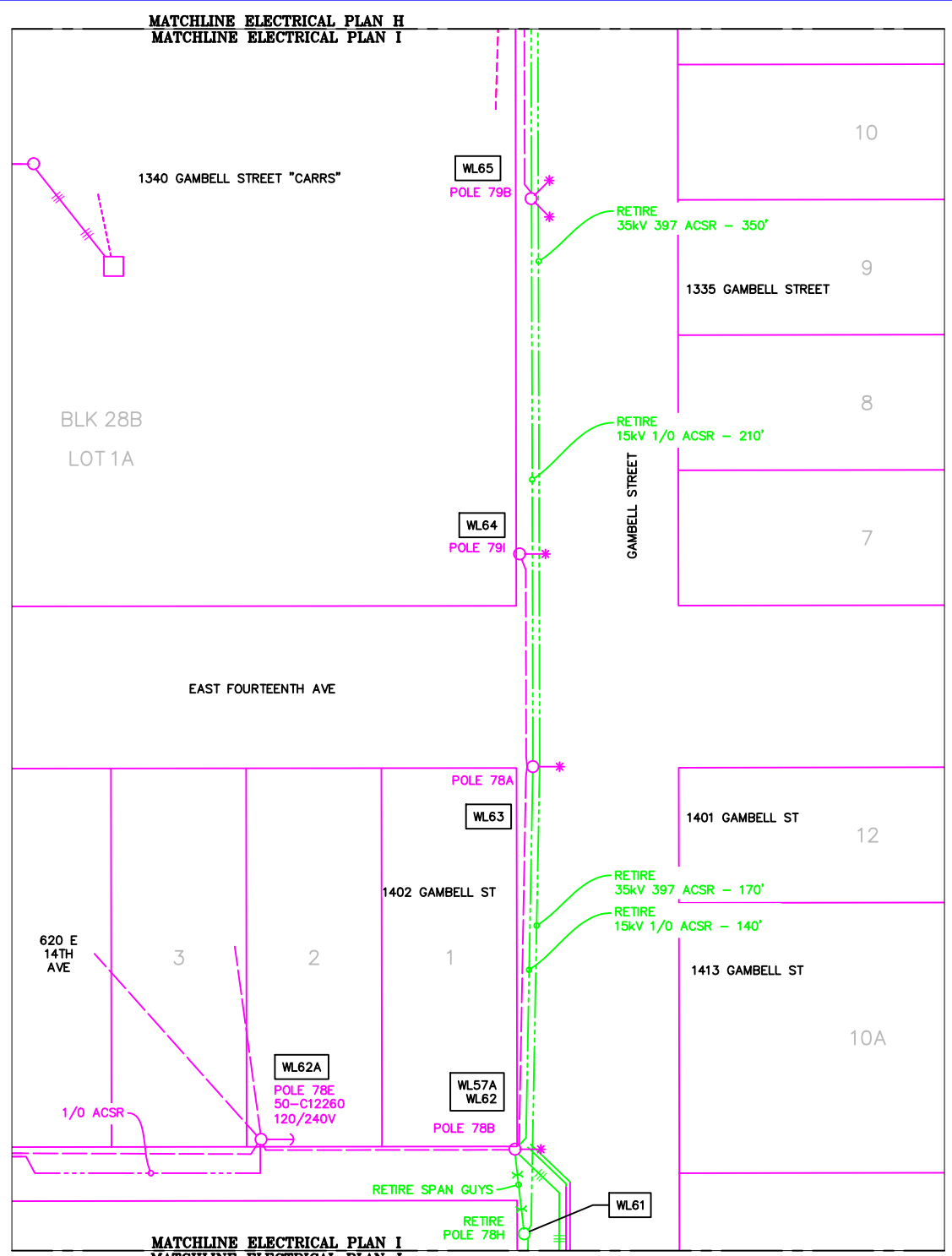


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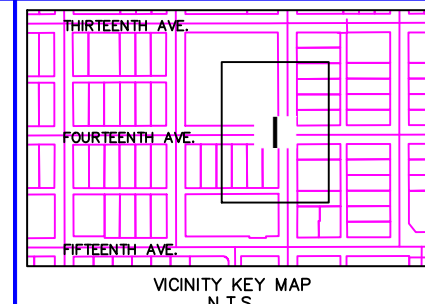
DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT		
	GRIDS: 1231D, 1331B, 1331D, 1431		
	FEEDER: S6F7, S10F6, S3F112 / BREAKER 930		
	RIGHT OF WAY H		
	P1900043 FINAL.dwg		
W.O. NO.:	P1900043		PAGE 23 OF 46



ELECTRICAL PLAN I - PROPOSED
1"=60'



ELECTRICAL PLAN I - RETIRED
1"=60'

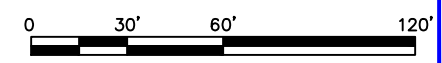
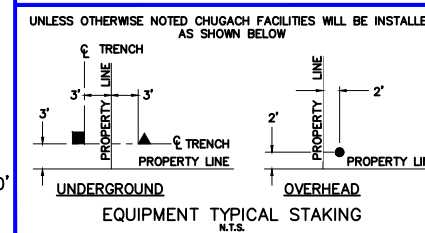


LEGEND

NEW	EXISTING	DESC.
[V]	[V]	VAULT
[J]	[J]	JUNCTION BOX
[S]	[S]	SWITCH CABINET
[P]	[P]	PULLBOX
[F]	[F]	PADMOUNT XFMR
[M]	[M]	FUSED JUNCTION BOX
[M]	[M]	PRIMARY METER
[▲]	[▲]	HANDHOLE
[○]	[○]	PEDESTAL
[⊗]	[⊗]	NON-CEA POLE
[●]	[●]	POLE
[*]	[*]	LIGHT
[→]	[→]	DOWN GUY
[~]	[~]	FUSE
[◇]	[◇]	SPLICE POINT
[⊕]	[⊕]	1Ø OH XFMR
[⊕⊕]	[⊕⊕]	DELTA OH XFMR
[⊕⊕⊕]	[⊕⊕⊕]	3Ø OH XFMR
[FO]	[FO]	FIBER OPTIC
[//]	[//]	O.H. XMSSN
[--//--]	[--//--]	U.G. XMSSN
[X]	[X]	SPAN GUY
[2"]	[2"]	CONDUIT DIAMETER
[]	[]	1Ø U.G. PRIMARY
[]	[]	2Ø U.G. PRIMARY
[]	[]	3Ø U.G. PRIMARY
[---]	[---]	U.G. SECONDARY
[---]	[---]	U.G. SERVICE
[---]	[---]	1Ø O.H. PRIMARY
[---]	[---]	2Ø O.H. PRIMARY
[---]	[---]	3Ø O.H. PRIMARY
[---]	[---]	R.O.W. EASEMENT LINE
[---]	[---]	CENTERLINE OF TRENCH

COLOR LEGEND

[Solid Line]	NEW
[Dashed Line]	REFERENCE
[Pink Line]	EXISTING
[Green Line]	RETIRED
[Red Line]	ABANDON



PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	Jm 4/21/26

ENG. STAMP

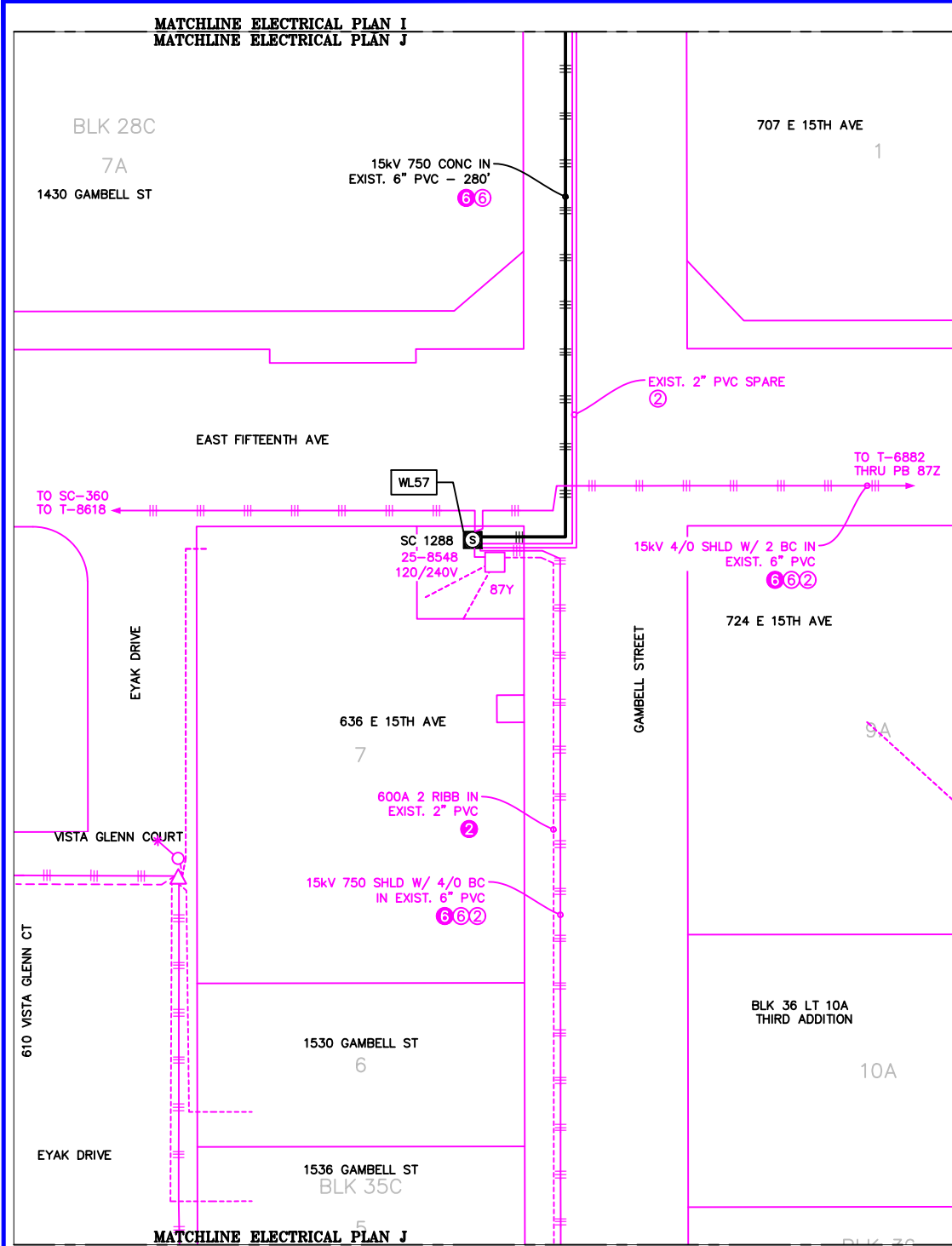
Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME: **GAMBELL STREET: OH TO UG T-21 PROJECT**

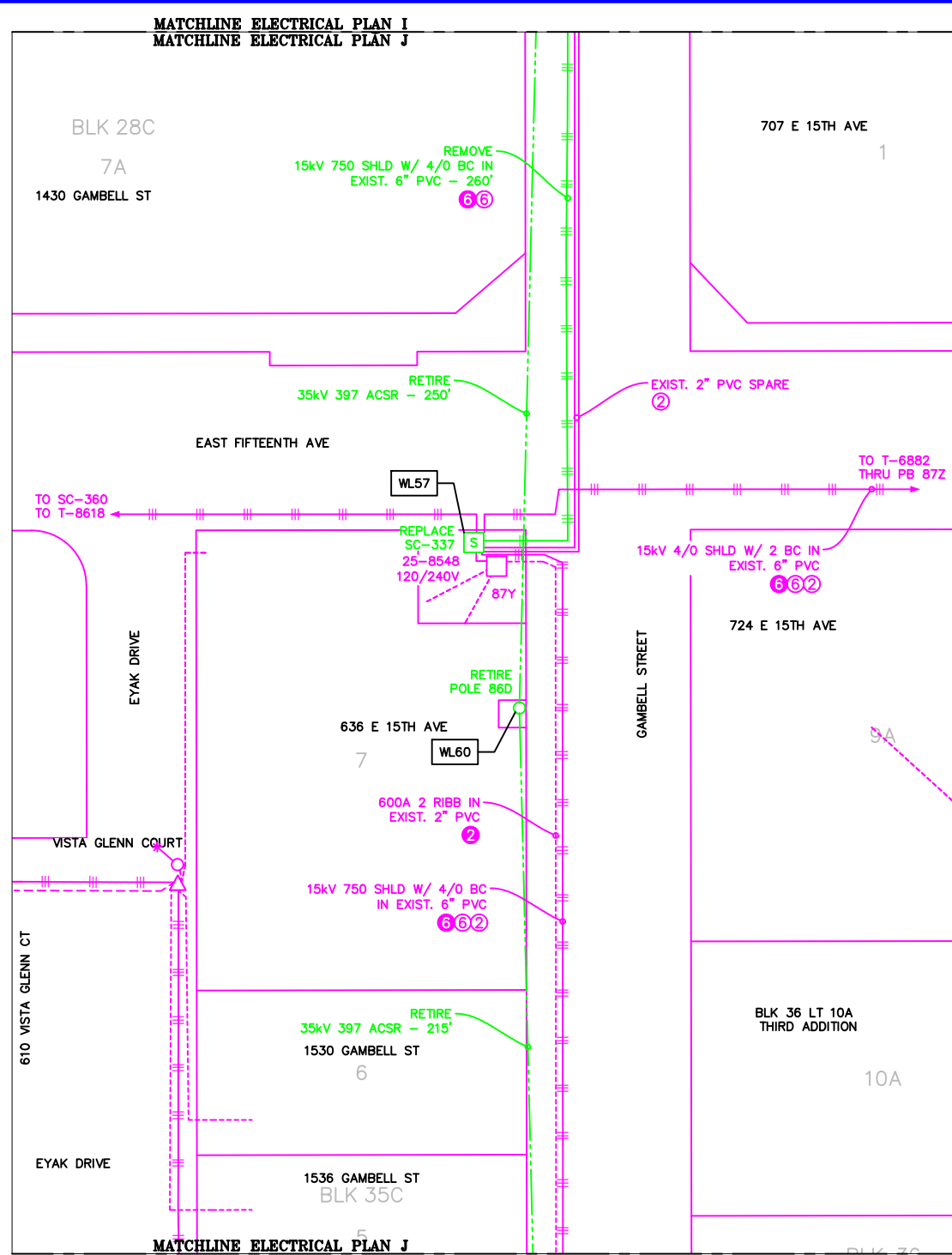
GRIDS: 1231D, 1331B, 1331D, 1431
FEEDER: S6F7, S10F6, S3F112 / BREAKER 930
ELECTRICAL PLAN I

W.O. NO.: **P1900043**

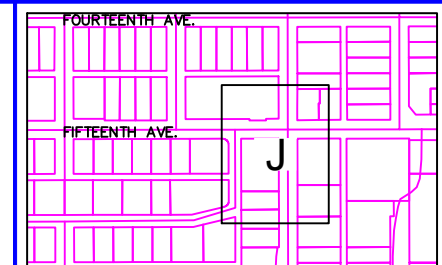
P1900043 FINAL.dwg
PAGE 24 OF 46



ELECTRICAL PLAN J - PROPOSED
1"=60'



ELECTRICAL PLAN J - RETIRED
1"=60'

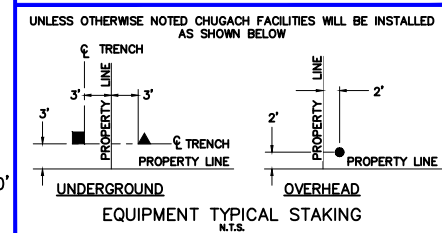


VICINITY KEY MAP
N.T.S.

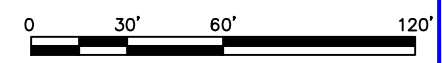
NEW	EXISTING	DESC.
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		PEDESTAL
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1Ø OH XFMR
		DELTA OH XFMR
		3Ø OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1Ø O.H. PRIMARY
		2Ø O.H. PRIMARY
		3Ø O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND

	NEW
	REFERENCE
	EXISTING
	RETIRED
	ABANDON



EQUIPMENT TYPICAL STAKING
N.T.S.



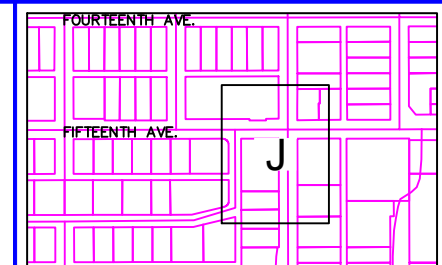
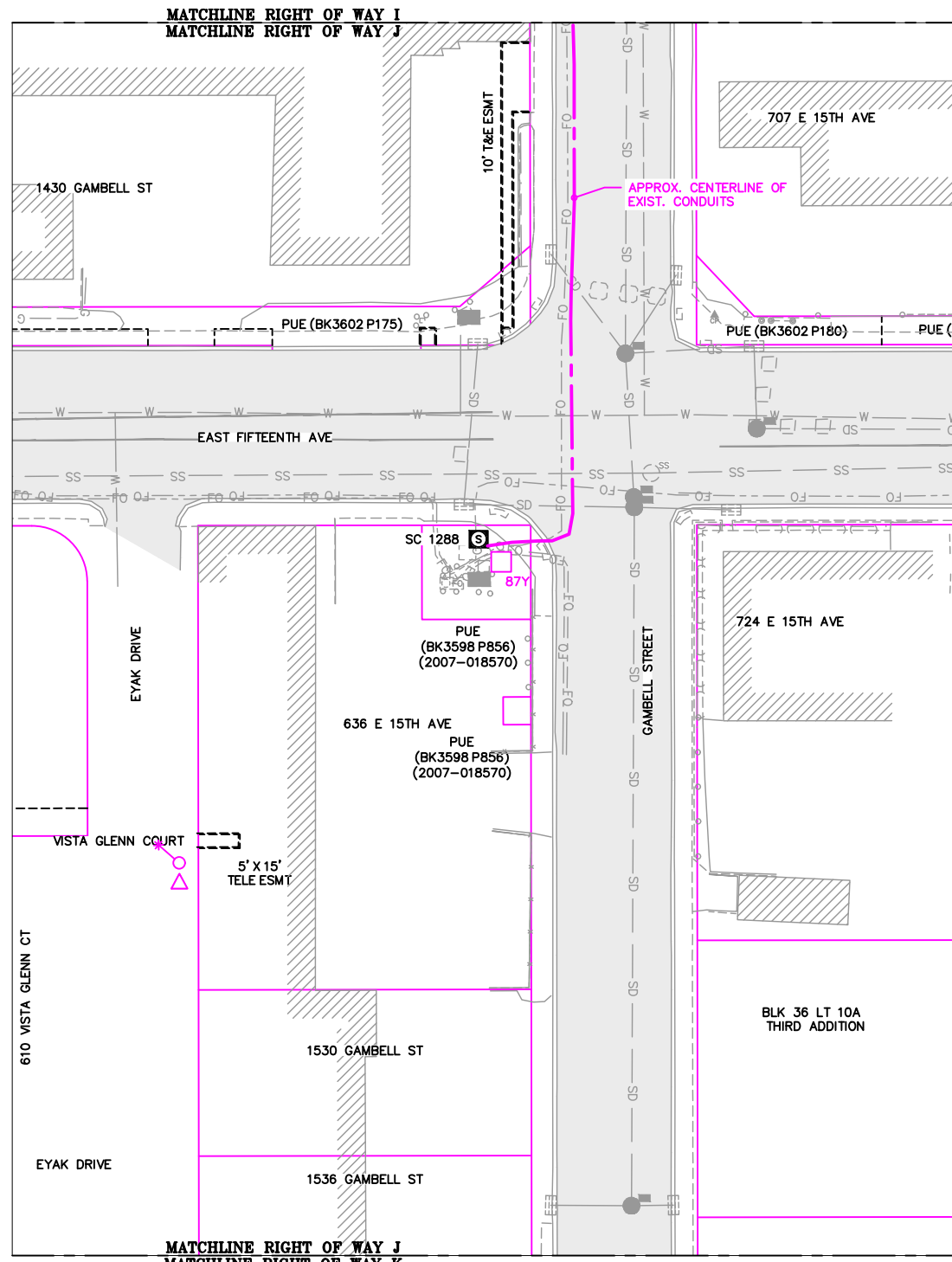
PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

ENG. STAMP



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

DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT
GRIDS:	1231D, 1331B, 1331D, 1431
FEEDER:	S6F7, S10F6, S3F112 / BREAKER 930
ELECTRICAL PLAN J	
W.O. NO.:	P1900043
P1900043 FINAL.dwg	
PAGE 26 OF 46	

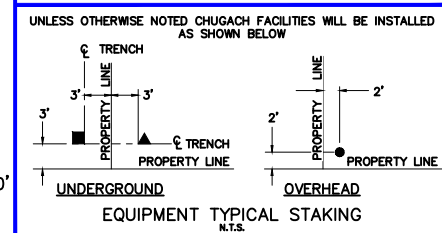


VICINITY KEY MAP
N.T.S.

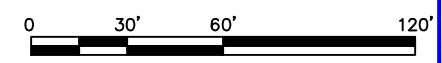
NEW	EXISTING	DESC.
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		PEDESTAL
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1Ø OH XFMR
		DELTA OH XFMR
		3Ø OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1Ø O.H. PRIMARY
		2Ø O.H. PRIMARY
		3Ø O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND

	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON



RIGHT OF WAY J
1"=60'



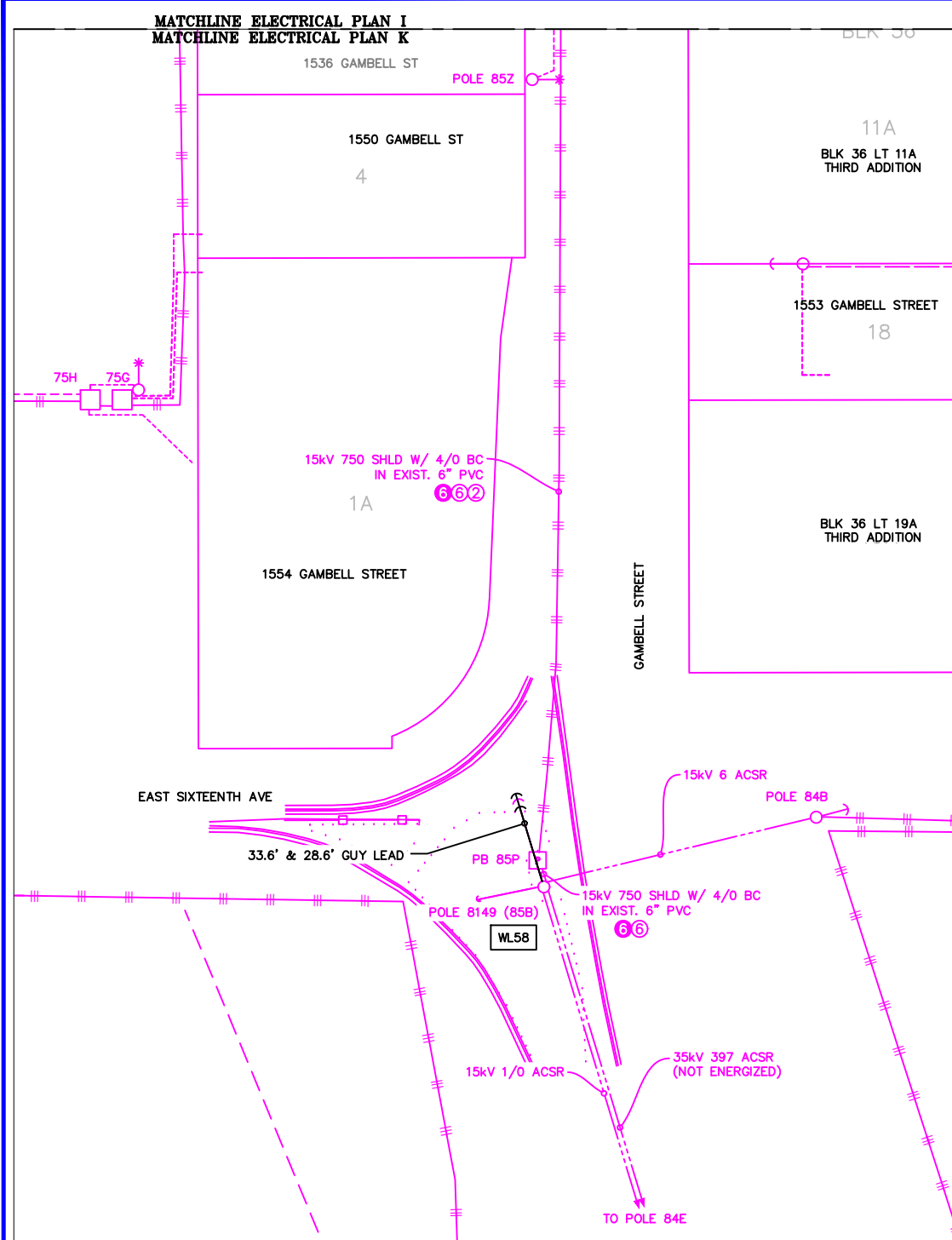
PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

ENG. STAMP



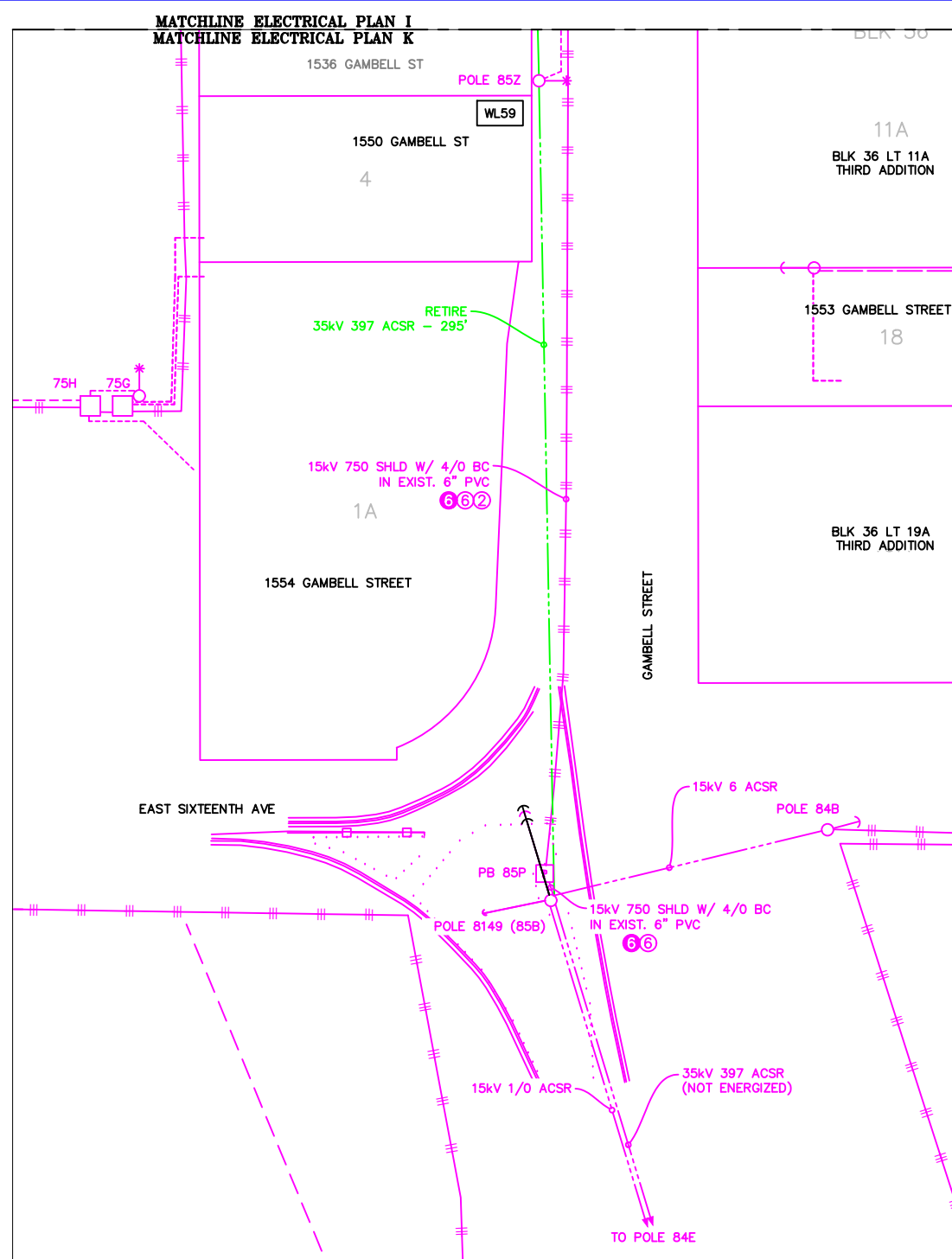
Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT		
	GRIDS: 1231D, 1331B, 1331D, 1431 FEEDER: S6F7, S10F6, S3F112 / BREAKER 930 RIGHT OF WAY J		
W.O. NO.:	P1900043		P1900043 FINAL.dwg
			PAGE 27 OF 46



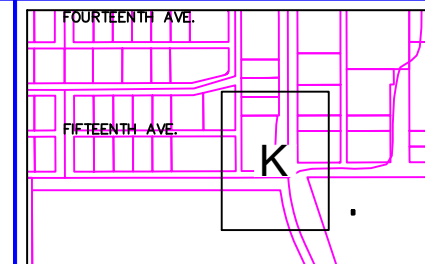
MATCHLINE ELECTRICAL PLAN K

ELECTRICAL PLAN K - PROPOSED
1"=60'



MATCHLINE ELECTRICAL PLAN K

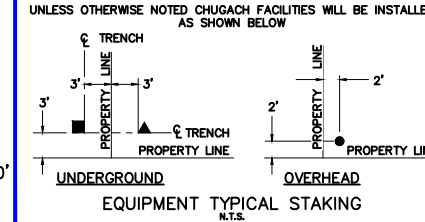
ELECTRICAL PLAN K - RETIRED
1"=60'



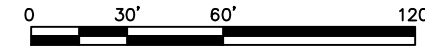
VICINITY KEY MAP
N.T.S.

LEGEND		
NEW	EXISTING	DESC.
[V]	[V]	VAULT
[J]	[J]	JUNCTION BOX
[S]	[S]	SWITCH CABINET
[P]	[P]	PULLBOX
[F]	[F]	PADMOUNT XFMR
[M]	[M]	FUSED JUNCTION BOX
[M]	[M]	PRIMARY METER
[H]	[H]	HANDHOLE
[P]	[P]	PEDESTAL
[*]	[*]	NON-CEA POLE
[*]	[*]	POLE
[*]	[*]	LIGHT
[*]	[*]	DOWN GUY
[*]	[*]	FUSE
[*]	[*]	SPLICE POINT
[*]	[*]	1Ø OH XFMR
[*]	[*]	DELTA OH XFMR
[*]	[*]	3Ø OH XFMR
[FO]	[FO]	FIBER OPTIC
[//]	[//]	O.H. XMSSN
[//]	[//]	U.G. XMSSN
[X]	[X]	SPAN GUY
[2"]	[2"]	CONDUIT DIAMETER
[+]	[+]	1Ø U.G. PRIMARY
[+]	[+]	2Ø U.G. PRIMARY
[+]	[+]	3Ø U.G. PRIMARY
[+]	[+]	U.G. SECONDARY
[+]	[+]	U.G. SERVICE
[+]	[+]	1Ø O.H. PRIMARY
[+]	[+]	2Ø O.H. PRIMARY
[+]	[+]	3Ø O.H. PRIMARY
[+]	[+]	R.O.W. EASEMENT LINE
[+]	[+]	CENTERLINE OF TRENCH

COLOR LEGEND	
[Black Line]	NEW
[Grey Line]	REFERENCE
[Pink Line]	EXISTING
[Green Line]	RETIRE
[Red Line]	ABANDON



EQUIPMENT TYPICAL STAKING
N.T.S.



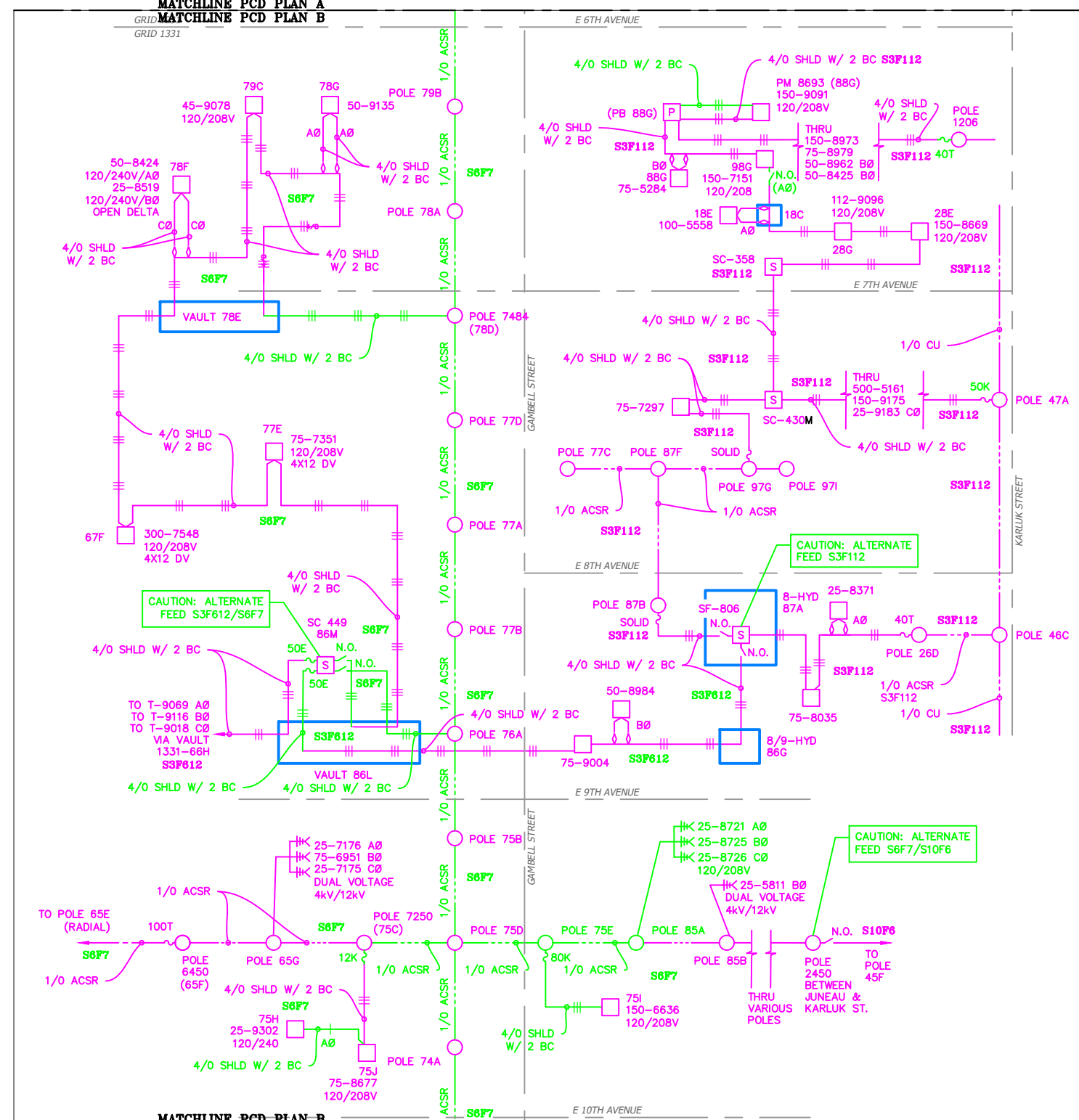
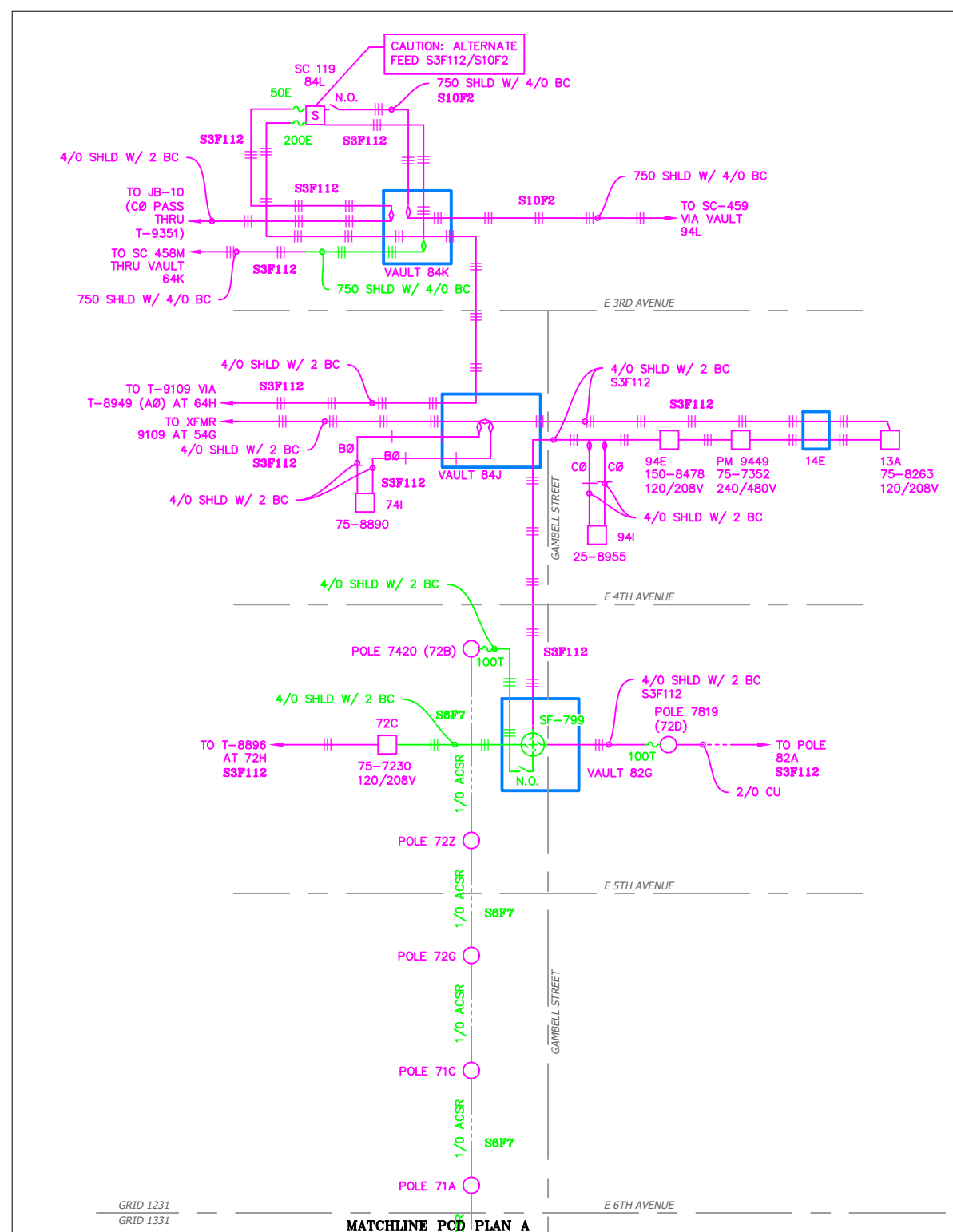
PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

ENG. STAMP



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

DRAWING NAME: GAMBELL STREET: OH TO UG T-21 PROJECT	
GRIDS: 1231D, 1331B, 1331D, 1431 FEEDER: S6F7, S10F6, S3F112 / BREAKER 930 ELECTRICAL PLAN K	
W.O. NO.: P1900043	P1900043 FINAL.dwg
PAGE 28 OF 46	

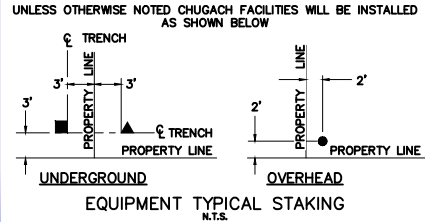


LEGEND

NEW	EXISTING	DESC.
[V]	[V]	VAULT
[J]	[J]	JUNCTION BOX
[S]	[S]	SWITCH CABINET
[P]	[P]	PULLBOX
[F]	[F]	PADMOUNT XFMR
[M]	[M]	FUSED JUNCTION BOX
[▲]	[▲]	PRIMARY METER
[△]	[△]	HANDHOLE
[⊗]	[⊗]	PEDESTAL
[○]	[○]	NON-CEA POLE
[●]	[●]	POLE
[*]	[*]	LIGHT
[↓]	[↓]	DOWN GUY
[~]	[~]	FUSE
[◇]	[◇]	SPLICE POINT
[⊕]	[⊕]	1Ø OH XFMR
[⊕⊕]	[⊕⊕]	DELTA OH XFMR
[⊕⊕⊕]	[⊕⊕⊕]	3Ø OH XFMR
[FO]	[FO]	FIBER OPTIC
[//]	[//]	O.H. XMSSN
[-//]	[-//]	U.G. XMSSN
[X]	[X]	SPAN GUY
[2"]	[2"]	CONDUIT DIAMETER
[]	[]	1Ø U.G. PRIMARY
[]	[]	2Ø U.G. PRIMARY
[]	[]	3Ø U.G. PRIMARY
[---]	[---]	U.G. SECONDARY
[---]	[---]	U.G. SERVICE
[---]	[---]	1Ø O.H. PRIMARY
[---]	[---]	2Ø O.H. PRIMARY
[---]	[---]	3Ø O.H. PRIMARY
[---]	[---]	R.O.W. EASEMENT LINE
[---]	[---]	CENTERLINE OF TRENCH

COLOR LEGEND

[Solid Blue]	NEW
[Dashed Blue]	REFERENCE
[Solid Green]	EXISTING
[Dashed Green]	RETIRE
[Solid Red]	ABANDON



PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	[Signature] 4/21/26

ENG. STAMP

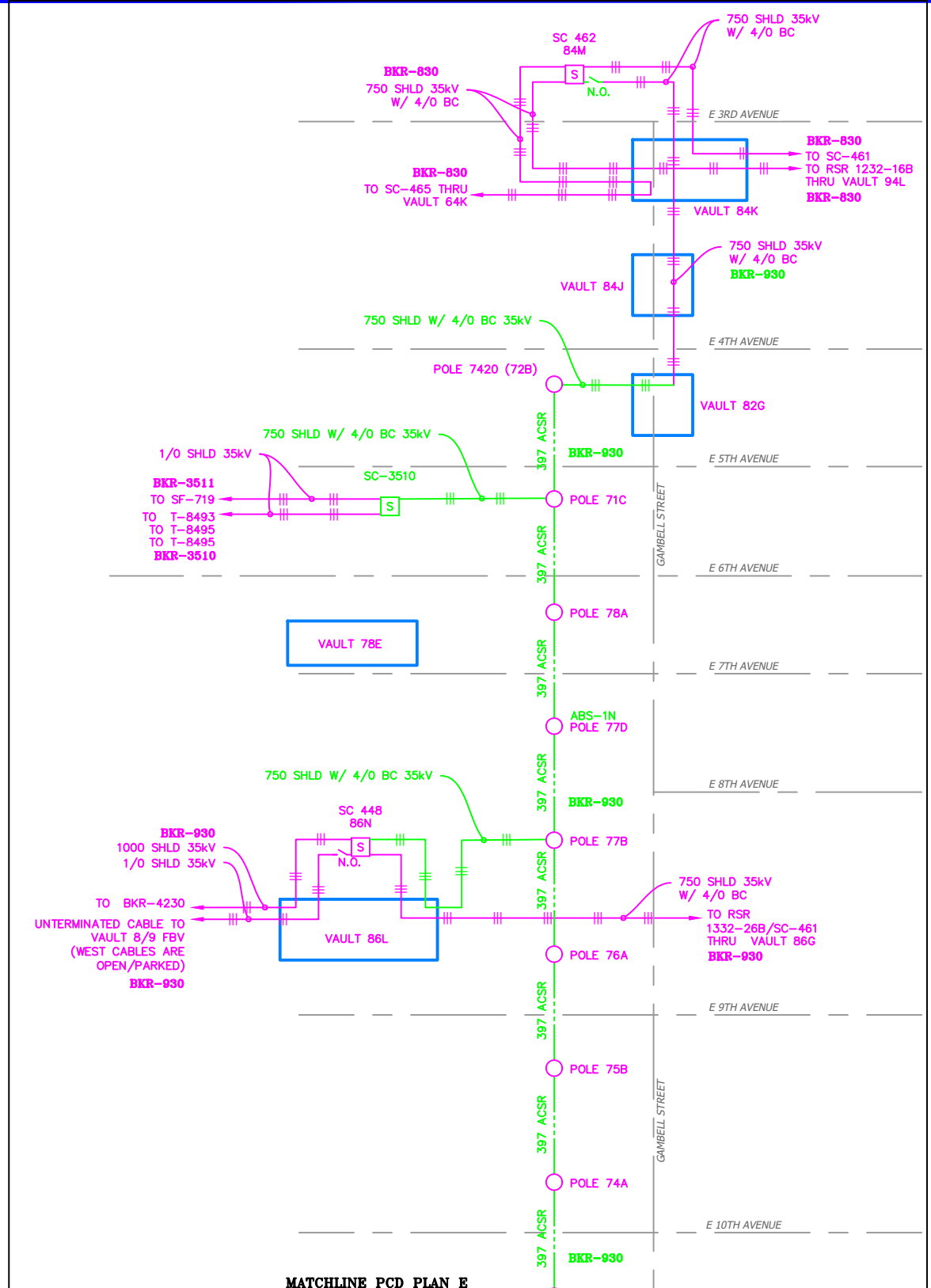
Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME: **GAMBELL STREET: OH TO UG T-21 PROJECT**

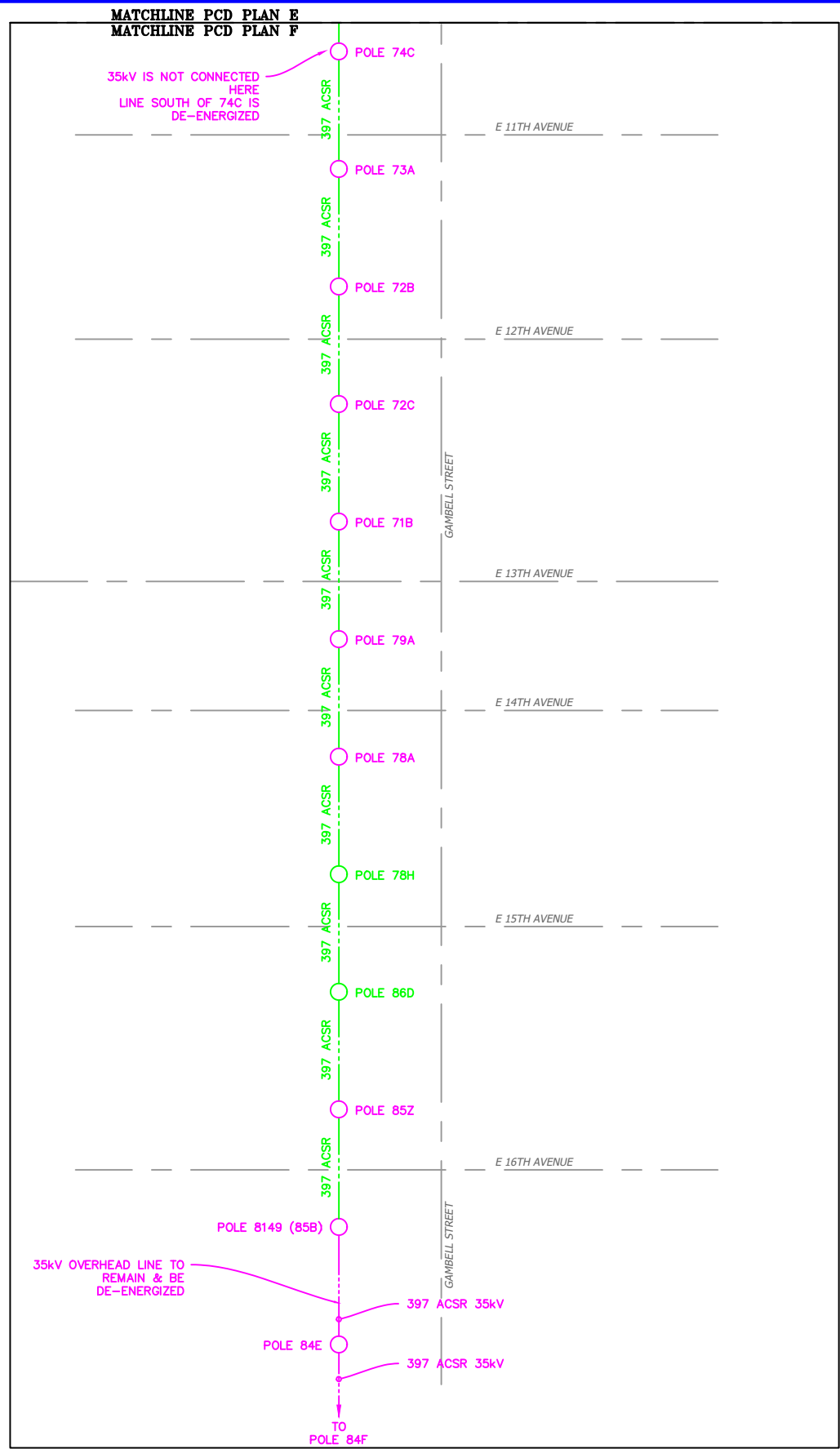
GRIDS: 1231D, 1331B, 1331D, 1431
FEEDER: S6F7, S10F6, S3F112 / BREAKER 930
EXISTING 12.47KV A - PCD

W.O. NO.: **P1900043**

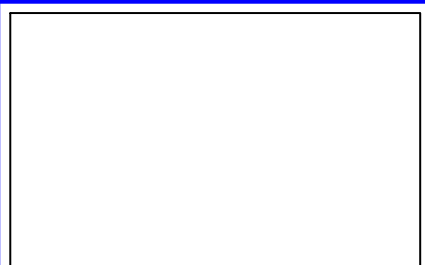
P1900043 FINAL.dwg
PAGE 29 OF 46



MATCHLINE PCD PLAN E
MATCHLINE PCD PLAN F



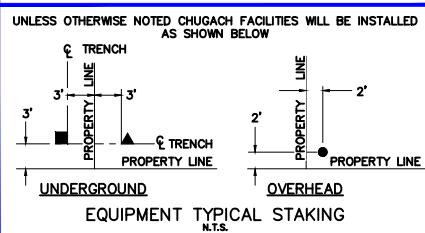
35kV OVERHEAD LINE TO REMAIN & BE DE-ENERGIZED



VICINITY KEY MAP
N.T.S.

LEGEND		DESC.
NEW	EXISTING	
[V]	[V]	VAULT
[J]	[J]	JUNCTION BOX
[S]	[S]	SWITCH CABINET
[P]	[P]	PULLBOX
[F]	[F]	PADMOUNT XFMR
[M]	[M]	FUSED JUNCTION BOX
[M]	[M]	PRIMARY METER
[▲]	[▲]	HANDHOLE
[▲]	[▲]	PEDESTAL
[⊗]	[⊗]	NON-CEA POLE
[●]	[○]	POLE
[*]	[*]	LIGHT
[↓]	[↓]	DOWN GUY
[~]	[~]	FUSE
[◇]	[◇]	SPLICE POINT
[⌒]	[⌒]	1Ø OH XFMR
[⌒⌒]	[⌒⌒]	DELTA OH XFMR
[⌒⌒⌒]	[⌒⌒⌒]	3Ø OH XFMR
[FO]	[FO]	FIBER OPTIC
[//]	[//]	O.H. XMSSN
[//]	[//]	U.G. XMSSN
[X]	[X]	SPAN GUY
[2"]	[2"]	CONDUIT DIAMETER
[+]	[+]	1Ø U.G. PRIMARY
[+]	[+]	2Ø U.G. PRIMARY
[+]	[+]	3Ø U.G. PRIMARY
[---]	[---]	U.G. SECONDARY
[---]	[---]	U.G. SERVICE
[---]	[---]	1Ø O.H. PRIMARY
[---]	[---]	2Ø O.H. PRIMARY
[---]	[---]	3Ø O.H. PRIMARY
[---]	[---]	R.O.W. EASEMENT LINE
[---]	[---]	CENTERLINE OF TRENCH

COLOR LEGEND	
[Black Line]	NEW
[Grey Line]	REFERENCE
[Pink Line]	EXISTING
[Green Line]	RETIRE
[Red Line]	ABANDON



EQUIPMENT TYPICAL STAKING
N.T.S.

PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	[Signature] 4/21/26

ENG. STAMP

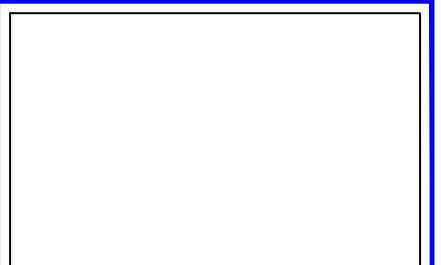
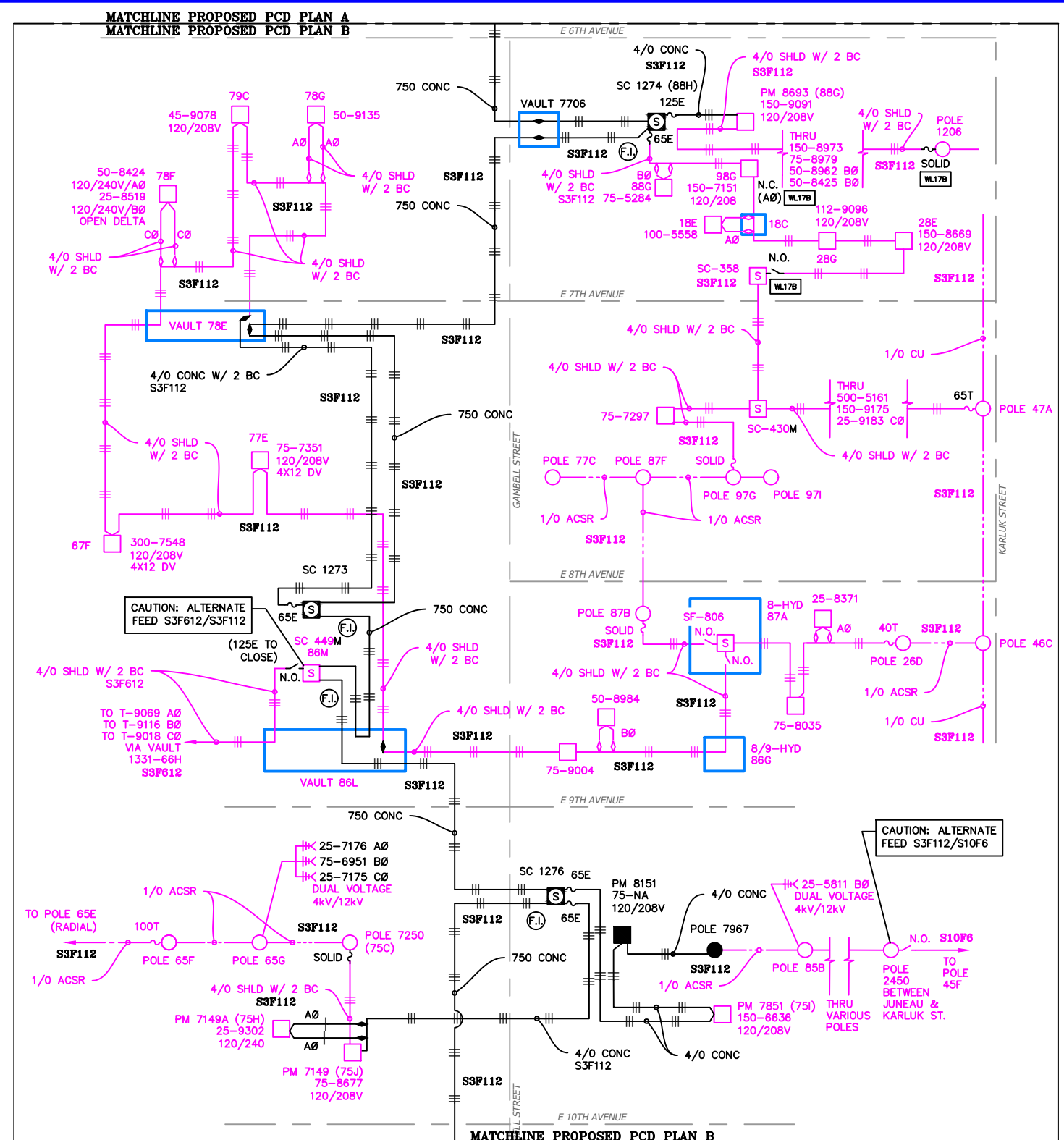
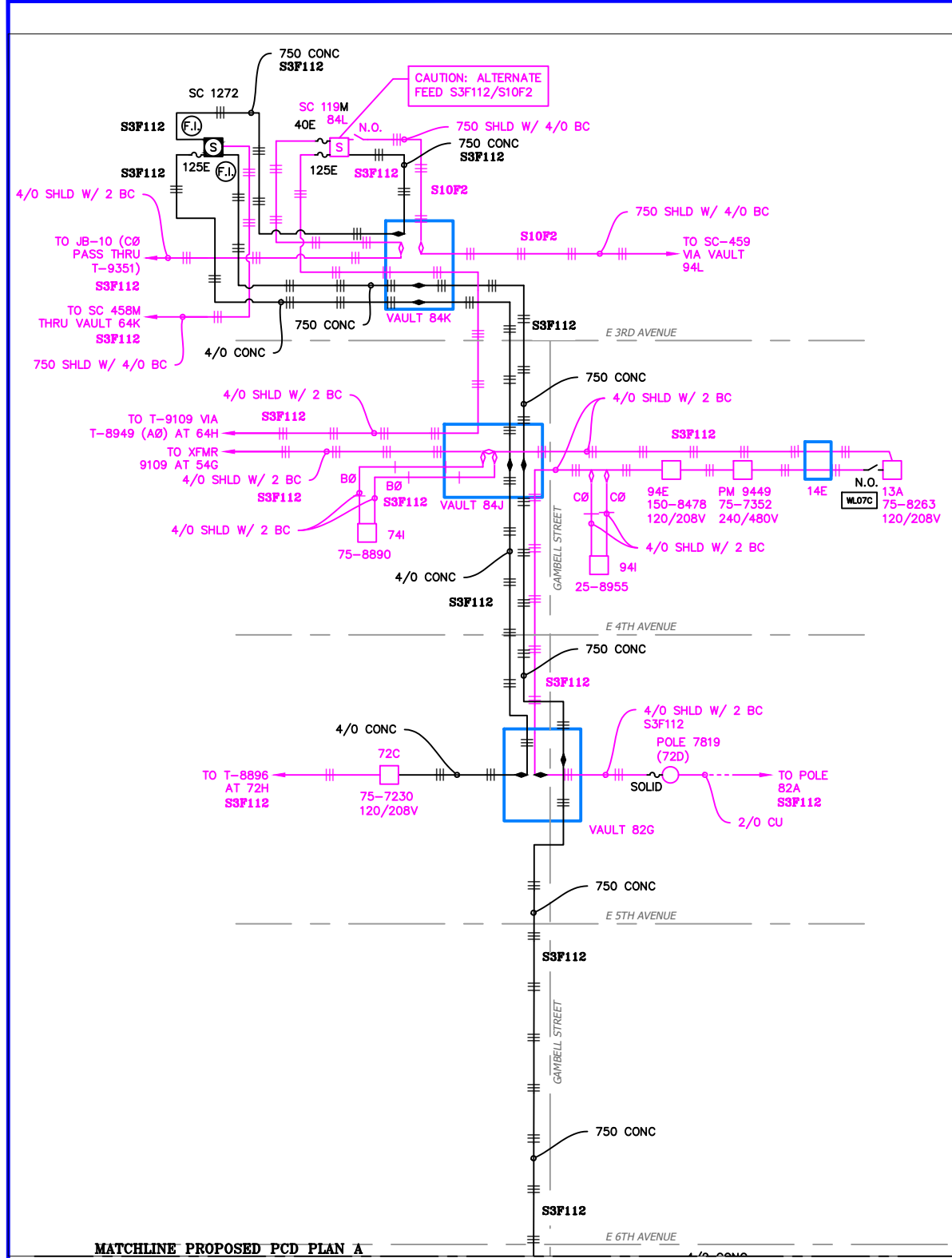
Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME: **GAMBELL STREET: OH TO UG T-21 PROJECT**

GRIDS: 1231D, 1331B, 1331D, 1431
FEEDER: S6F7, S10F6, S3F112 / BREAKER 930
EXISTING 34.5KV - PCD

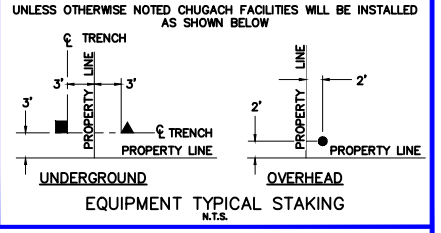
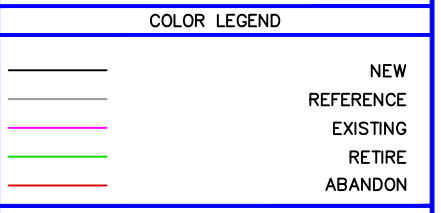
W.O. NO.: **P1900043**

P1900043 FINAL.dwg
PAGE 31 OF 46



LEGEND

NEW	EXISTING	DESC.
[Symbol]	[Symbol]	VAULT
[Symbol]	[Symbol]	JUNCTION BOX
[Symbol]	[Symbol]	SWITCH CABINET
[Symbol]	[Symbol]	PULLBOX
[Symbol]	[Symbol]	PADMOUNT XFMR
[Symbol]	[Symbol]	FUSED JUNCTION BOX
[Symbol]	[Symbol]	PRIMARY METER
[Symbol]	[Symbol]	HANDHOLE
[Symbol]	[Symbol]	PEDESTAL
[Symbol]	[Symbol]	NON-CEA POLE
[Symbol]	[Symbol]	POLE
[Symbol]	[Symbol]	LIGHT
[Symbol]	[Symbol]	DOWN GUY
[Symbol]	[Symbol]	FUSE
[Symbol]	[Symbol]	SPLICE POINT
[Symbol]	[Symbol]	1Ø OH XFMR
[Symbol]	[Symbol]	DELTA OH XFMR
[Symbol]	[Symbol]	3Ø OH XFMR
[Symbol]	[Symbol]	FIBER OPTIC
[Symbol]	[Symbol]	O.H. XMSSN
[Symbol]	[Symbol]	U.G. XMSSN
[Symbol]	[Symbol]	SPAN GUY
[Symbol]	[Symbol]	CONDUIT DIAMETER
[Symbol]	[Symbol]	1Ø U.G. PRIMARY
[Symbol]	[Symbol]	2Ø U.G. PRIMARY
[Symbol]	[Symbol]	3Ø U.G. PRIMARY
[Symbol]	[Symbol]	U.G. SECONDARY
[Symbol]	[Symbol]	U.G. SERVICE
[Symbol]	[Symbol]	1Ø O.H. PRIMARY
[Symbol]	[Symbol]	2Ø O.H. PRIMARY
[Symbol]	[Symbol]	3Ø O.H. PRIMARY
[Symbol]	[Symbol]	R.O.W. EASEMENT LINE
[Symbol]	[Symbol]	CENTERLINE OF TRENCH



PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

ENG. STAMP

CHUGACH
POWERING ALASKA'S FUTURE

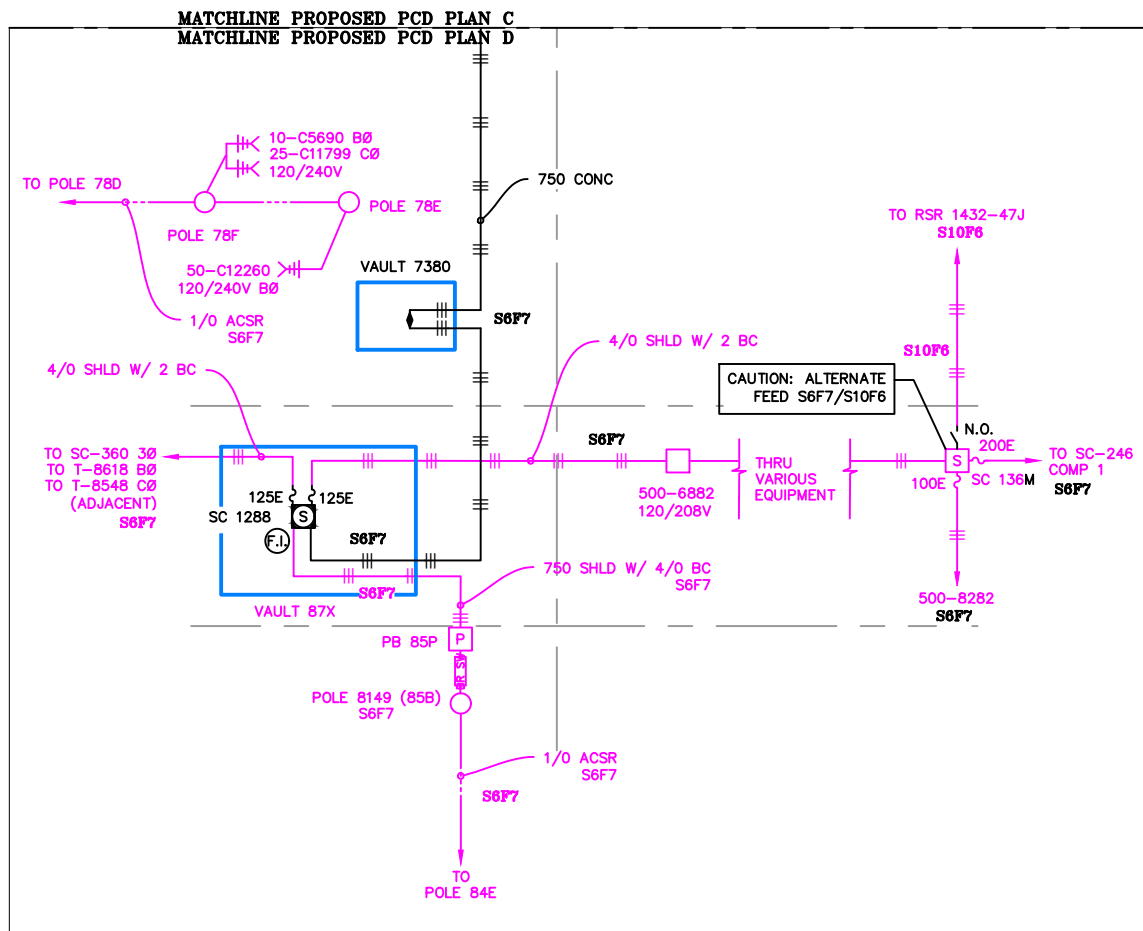
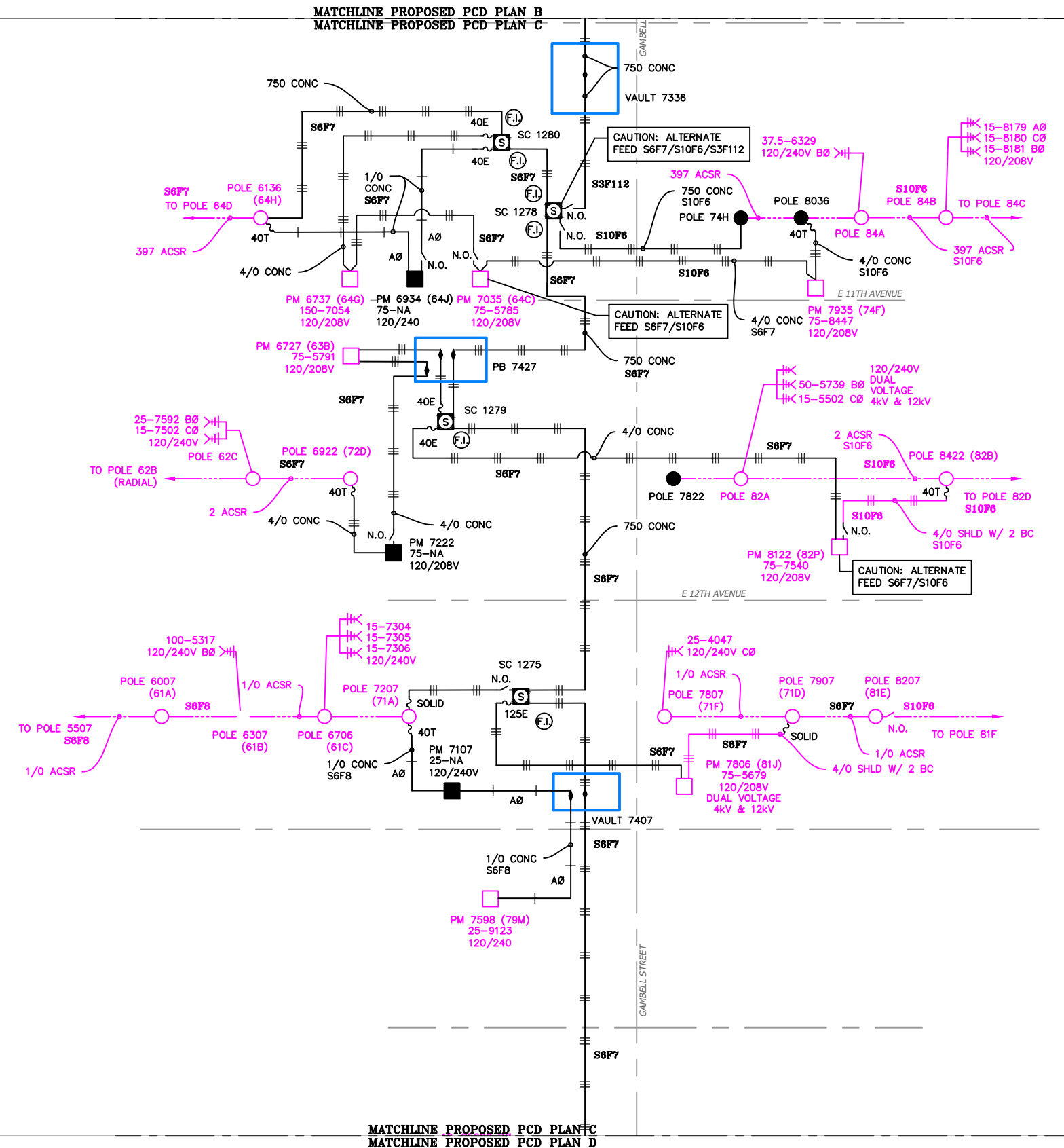
Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME: **GAMBELL STREET: OH TO UG T-21 PROJECT**

GRIDS: 1231D, 1331B, 1331D, 1431
 FEEDER: S6F7, S10F6, S3F112 / BREAKER 930
 PROPOSED 12.47KV A - PCD

W.O. NO.: **P1900043**

P1900043 FINAL.dwg
PAGE 32 OF 46

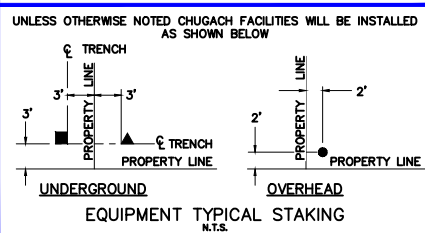


VICINITY KEY MAP
N.T.S.

NEW	EXISTING	DESC.
[V]	[V]	VAULT
[J]	[J]	JUNCTION BOX
[S]	[S]	SWITCH CABINET
[P]	[P]	PULLBOX
[F]	[F]	PADMOUNT XFMR
[M]	[M]	FUSED JUNCTION BOX
[M]	[M]	PRIMARY METER
[▲]	[▲]	HANDHOLE
[▲]	[▲]	PEDESTAL
[⊗]	[⊗]	NON-CEA POLE
[●]	[●]	POLE
[*]	[*]	LIGHT
[→]	[→]	DOWN GUY
[~]	[~]	FUSE
[◇]	[◇]	SPLICE POINT
[⊥]	[⊥]	1Ø OH XFMR
[⊥⊥]	[⊥⊥]	DELTA OH XFMR
[⊥⊥⊥]	[⊥⊥⊥]	3Ø OH XFMR
[FO]	[FO]	FIBER OPTIC
[//]	[//]	O.H. XMSSN
[--//--]	[--//--]	U.G. XMSSN
[X]	[X]	SPAN GUY
[2"]	[2"]	CONDUIT DIAMETER
[]	[]	1Ø U.G. PRIMARY
[]	[]	2Ø U.G. PRIMARY
[]	[]	3Ø U.G. PRIMARY
[---]	[---]	U.G. SECONDARY
[---]	[---]	U.G. SERVICE
[---]	[---]	1Ø O.H. PRIMARY
[---]	[---]	2Ø O.H. PRIMARY
[---]	[---]	3Ø O.H. PRIMARY
[---]	[---]	R.O.W. EASEMENT LINE
[---]	[---]	CENTERLINE OF TRENCH

COLOR LEGEND

[Solid Line]	NEW
[Dashed Line]	REFERENCE
[Pink Line]	EXISTING
[Green Line]	RETIRE
[Red Line]	ABANDON



PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	Jm 4/21/26

ENG. STAMP

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

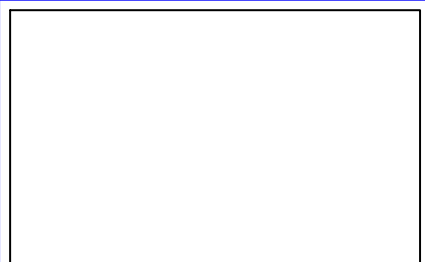
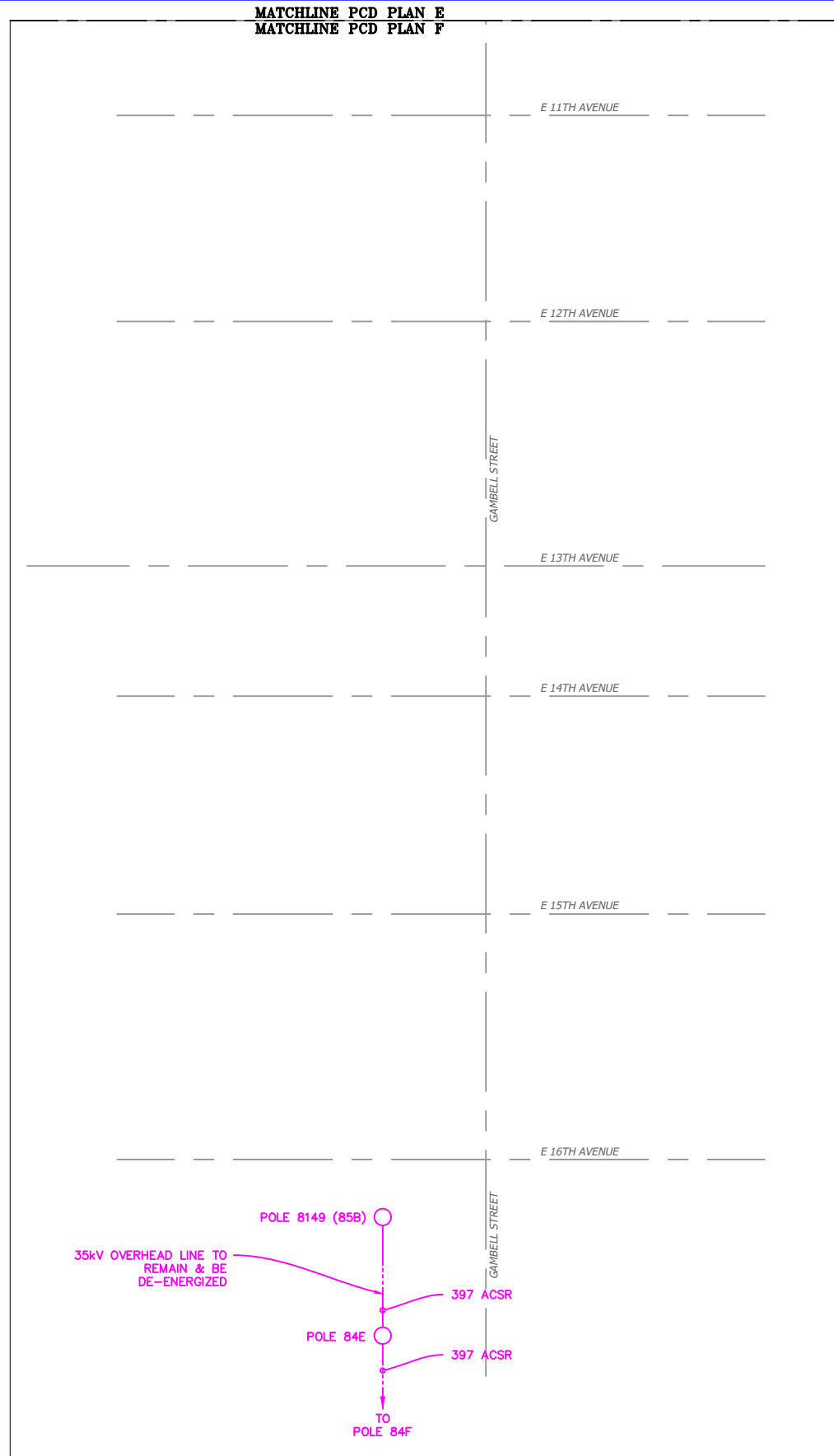
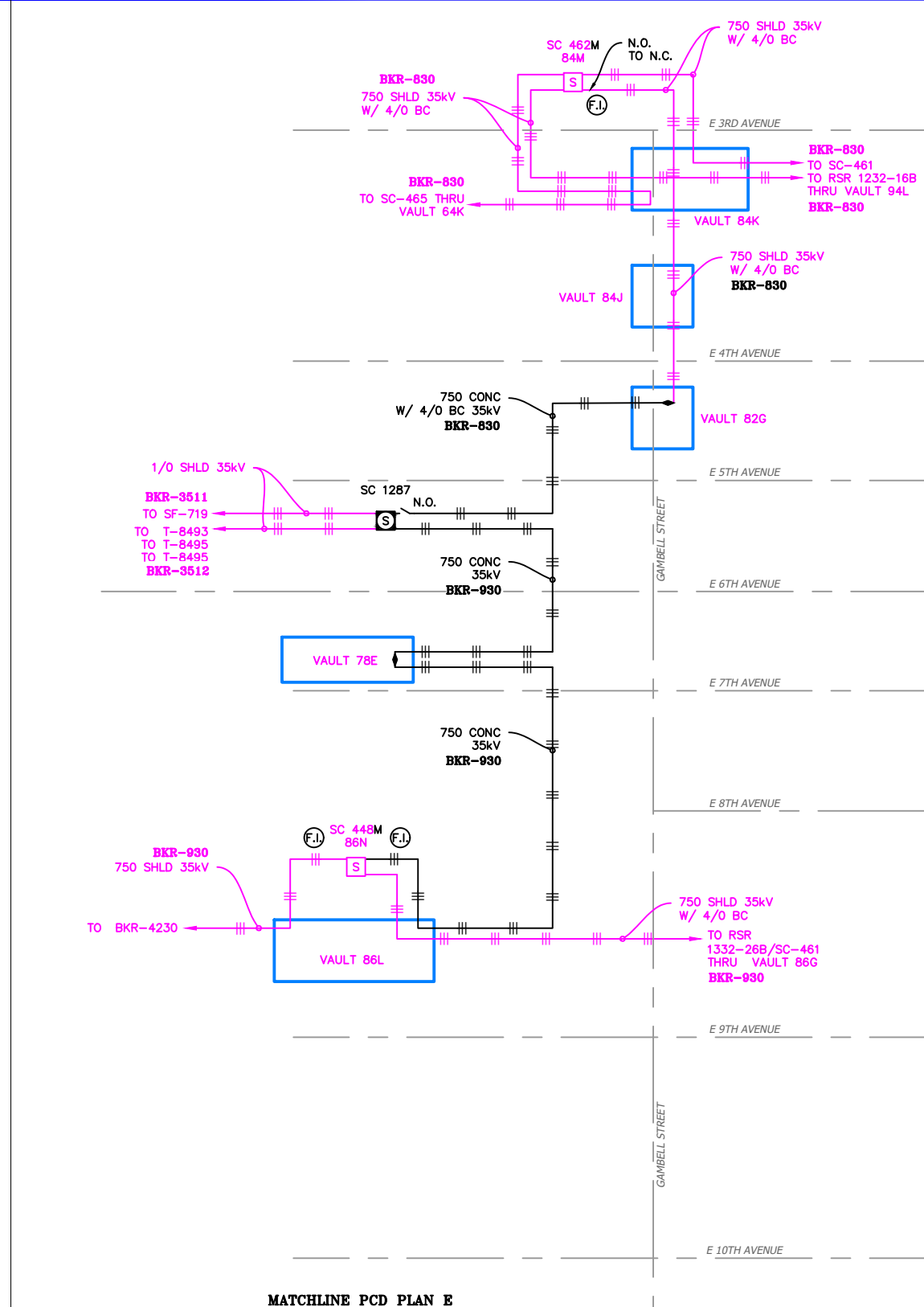
DRAWING NAME: **GAMBELL STREET: OH TO UG T-21 PROJECT**

GRIDS: 1231D, 1331B, 1331D, 1431
FEEDER: S6F7, S10F6, S3F112 / BREAKER 930
PROPOSED 12.47KV B - PCD

W.O. NO.: **P1900043**

P1900043 FINAL.dwg
PAGE 33 OF 46

MATCHLINE PCD PLAN E
MATCHLINE PCD PLAN F

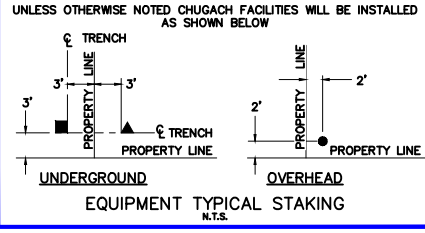


LEGEND

NEW	EXISTING	DESC.
[V]	[V]	VAULT
[J]	[J]	JUNCTION BOX
[S]	[S]	SWITCH CABINET
[P]	[P]	PULLBOX
[F]	[F]	PADMOUNT XFMR
[M]	[M]	FUSED JUNCTION BOX
[M]	[M]	PRIMARY METER
[▲]	[▲]	HANDHOLE
[▲]	[▲]	PEDESTAL
[⊗]	[⊗]	NON-CEA POLE
[●]	[●]	POLE
[*]	[*]	LIGHT
[↓]	[↓]	DOWN GUY
[~]	[~]	FUSE
[◇]	[◇]	SPLICE POINT
[⌒]	[⌒]	1Ø OH XFMR
[⌒⌒]	[⌒⌒]	DELTA OH XFMR
[⌒⌒⌒]	[⌒⌒⌒]	3Ø OH XFMR
[FO]	[FO]	FIBER OPTIC
[//]	[//]	O.H. XMSSN
[--//--]	[--//--]	U.G. XMSSN
[X]	[X]	SPAN GUY
[2"]	[2"]	CONDUIT DIAMETER
[+]	[+]	1Ø U.G. PRIMARY
[=]	[=]	2Ø U.G. PRIMARY
[≡]	[≡]	3Ø U.G. PRIMARY
[---]	[---]	U.G. SECONDARY
[---]	[---]	U.G. SERVICE
[---]	[---]	1Ø O.H. PRIMARY
[---]	[---]	2Ø O.H. PRIMARY
[---]	[---]	3Ø O.H. PRIMARY
[---]	[---]	R.O.W. EASEMENT LINE
[---]	[---]	CENTERLINE OF TRENCH

COLOR LEGEND

[Black Line]	NEW
[Grey Line]	REFERENCE
[Pink Line]	EXISTING
[Green Line]	RETIRE
[Red Line]	ABANDON



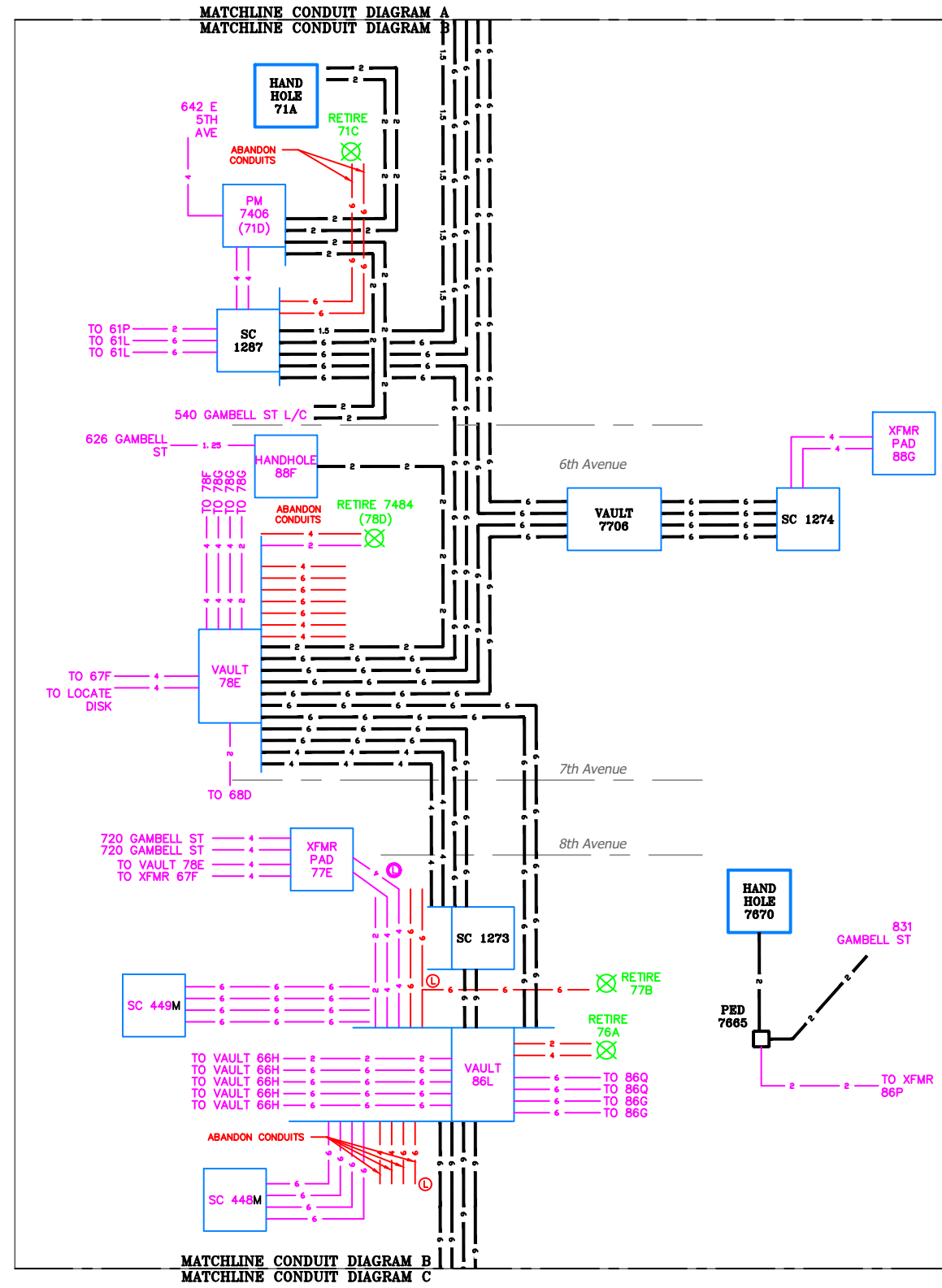
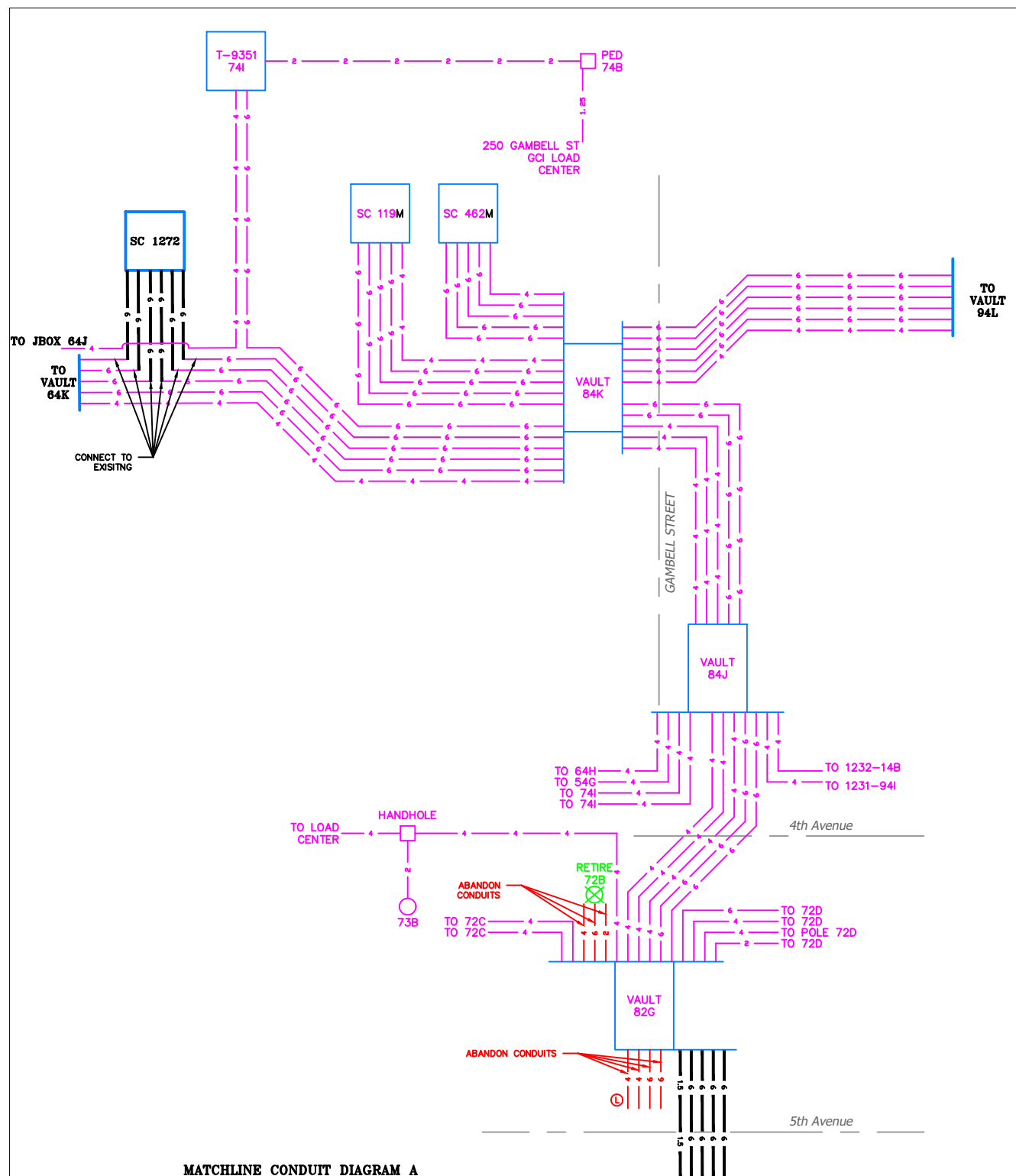
PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>JM</i> 4/21/26

ENG. STAMP



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Anchorage, Alaska 99519-6300

DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT		
	GRIDS: 1231D, 1331B, 1331D, 1431		
	FEEDER: S6F7, S10F6, S3F112 / BREAKER 930		
	PROPOSED 34.5KV - PCD		
W.O. NO.:	P1900043		P1900043 FINAL.dwg
			PAGE 34 OF 46

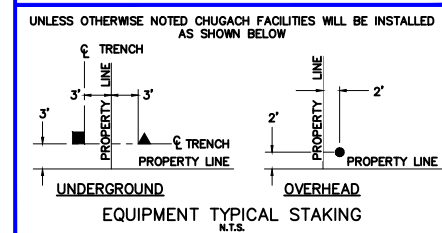


VICINITY KEY MAP
N.T.S.

LEGEND		DESC.
NEW	EXISTING	
[V]	[V]	VAULT
[J]	[J]	JUNCTION BOX
[S]	[S]	SWITCH CABINET
[P]	[P]	PULLBOX
[F]	[F]	PADMOUNT XFMR
[M]	[M]	FUSED JUNCTION BOX
[M]	[M]	PRIMARY METER
[▲]	[▲]	HANDHOLE
[○]	[○]	PEDESTAL
[●]	[●]	NON-CEA POLE
[●]	[●]	POLE
[*]	[*]	LIGHT
[→]	[→]	DOWN GUY
[~]	[~]	FUSE
[◇]	[◇]	SPLICE POINT
[⌒]	[⌒]	1Ø OH XFMR
[⌒⌒]	[⌒⌒]	DELTA OH XFMR
[⌒⌒⌒]	[⌒⌒⌒]	3Ø OH XFMR
[FO]	[FO]	FIBER OPTIC
[//]	[//]	O.H. XMSSN
[-//]	[-//]	U.G. XMSSN
[X]	[X]	SPAN GUY
[2"]	[2"]	CONDUIT DIAMETER
[]	[]	1Ø U.G. PRIMARY
[]	[]	2Ø U.G. PRIMARY
[]	[]	3Ø U.G. PRIMARY
[---]	[---]	U.G. SECONDARY
[---]	[---]	U.G. SERVICE
[---]	[---]	1Ø O.H. PRIMARY
[---]	[---]	2Ø O.H. PRIMARY
[---]	[---]	3Ø O.H. PRIMARY
[---]	[---]	R.O.W. EASEMENT LINE
[---]	[---]	CENTERLINE OF TRENCH

COLOR LEGEND

[Solid Line]	NEW
[Dashed Line]	REFERENCE
[Pink Line]	EXISTING
[Green Line]	RETIRE
[Red Line]	ABANDON



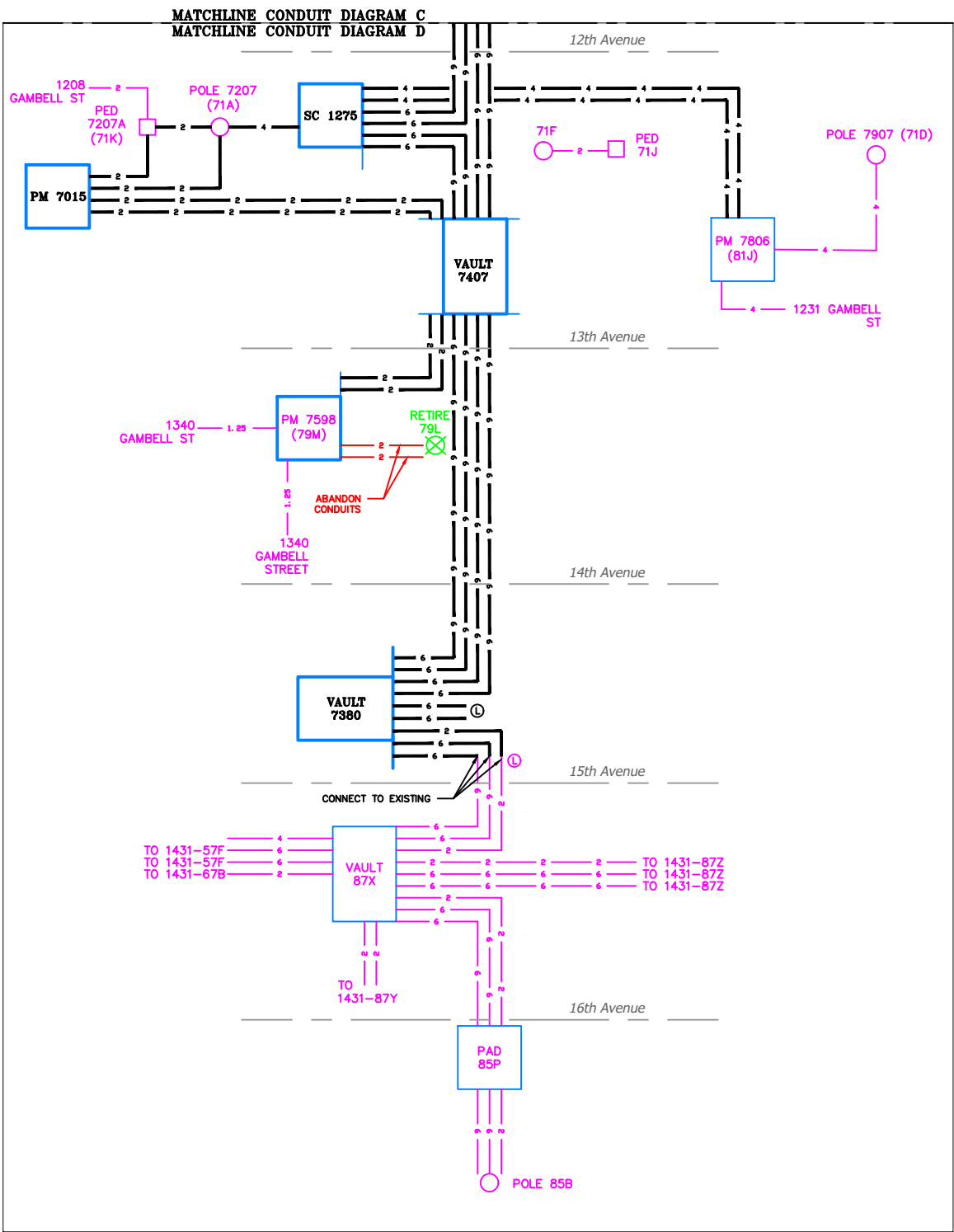
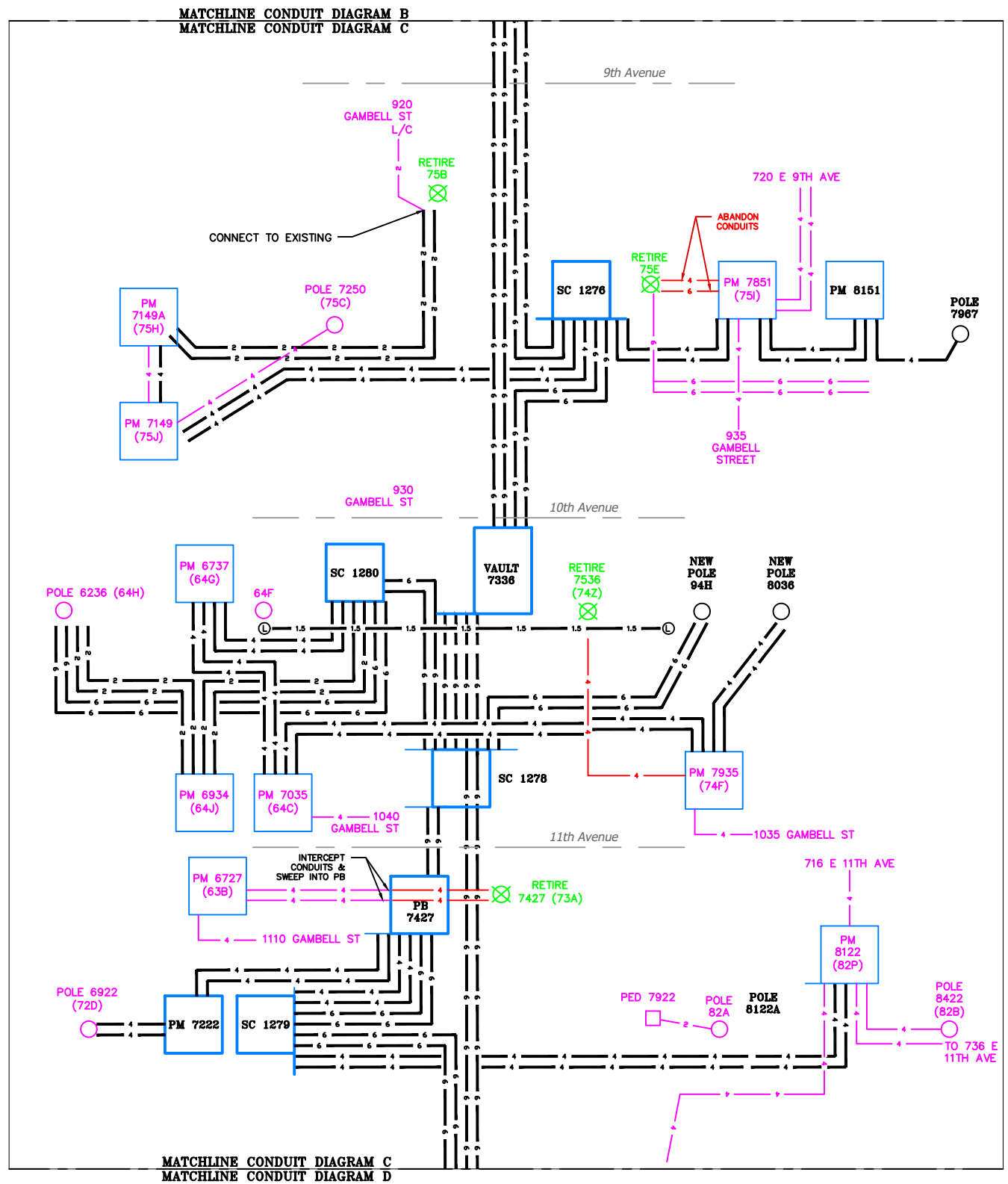
PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
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ENG. STAMP



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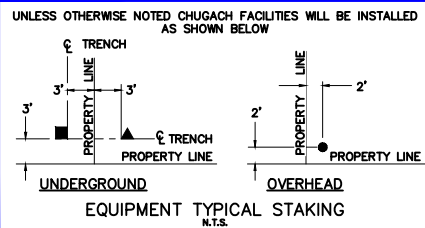
DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT		
	GRIDS: 1231D, 1331B, 1331D, 1431 FEEDER: S6F7, S10F6, S3F112 / BREAKER 930 CONDUIT DIAGRAM A & B		
W.O. NO.:	P1900043		P1900043 FINAL.dwg
	PAGE 35 OF 46		



VICINITY KEY MAP
N.T.S.

LEGEND		DESC.
NEW	EXISTING	
[V]	[V]	VAULT
[J]	[J]	JUNCTION BOX
[S]	[S]	SWITCH CABINET
[P]	[P]	PULLBOX
[F]	[F]	PADMOUNT XFMR
[M]	[M]	FUSED JUNCTION BOX
[M]	[M]	PRIMARY METER
[H]	[H]	HANDHOLE
[P]	[P]	PEDESTAL
[N]	[N]	NON-CEA POLE
[O]	[O]	POLE
[L]	[L]	LIGHT
[D]	[D]	DOWN GUY
[F]	[F]	FUSE
[S]	[S]	SPLICE POINT
[X]	[X]	1Ø OH XFMR
[X]	[X]	DELTA OH XFMR
[X]	[X]	3Ø OH XFMR
[FO]	[FO]	FIBER OPTIC
[H]	[H]	O.H. XMSSN
[H]	[H]	U.G. XMSSN
[X]	[X]	SPAN GUY
[2"]	[2"]	CONDUIT DIAMETER
[+]	[+]	1Ø U.G. PRIMARY
[=]	[=]	2Ø U.G. PRIMARY
[≡]	[≡]	3Ø U.G. PRIMARY
[---]	[---]	U.G. SECONDARY
[---]	[---]	U.G. SERVICE
[---]	[---]	1Ø O.H. PRIMARY
[---]	[---]	2Ø O.H. PRIMARY
[---]	[---]	3Ø O.H. PRIMARY
[---]	[---]	R.O.W. EASEMENT LINE
[---]	[---]	CENTERLINE OF TRENCH

COLOR LEGEND	
[Black Line]	NEW
[Magenta Line]	REFERENCE
[Magenta Line]	EXISTING
[Green Line]	RETIRE
[Red Line]	ABANDON



PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

ENG. STAMP

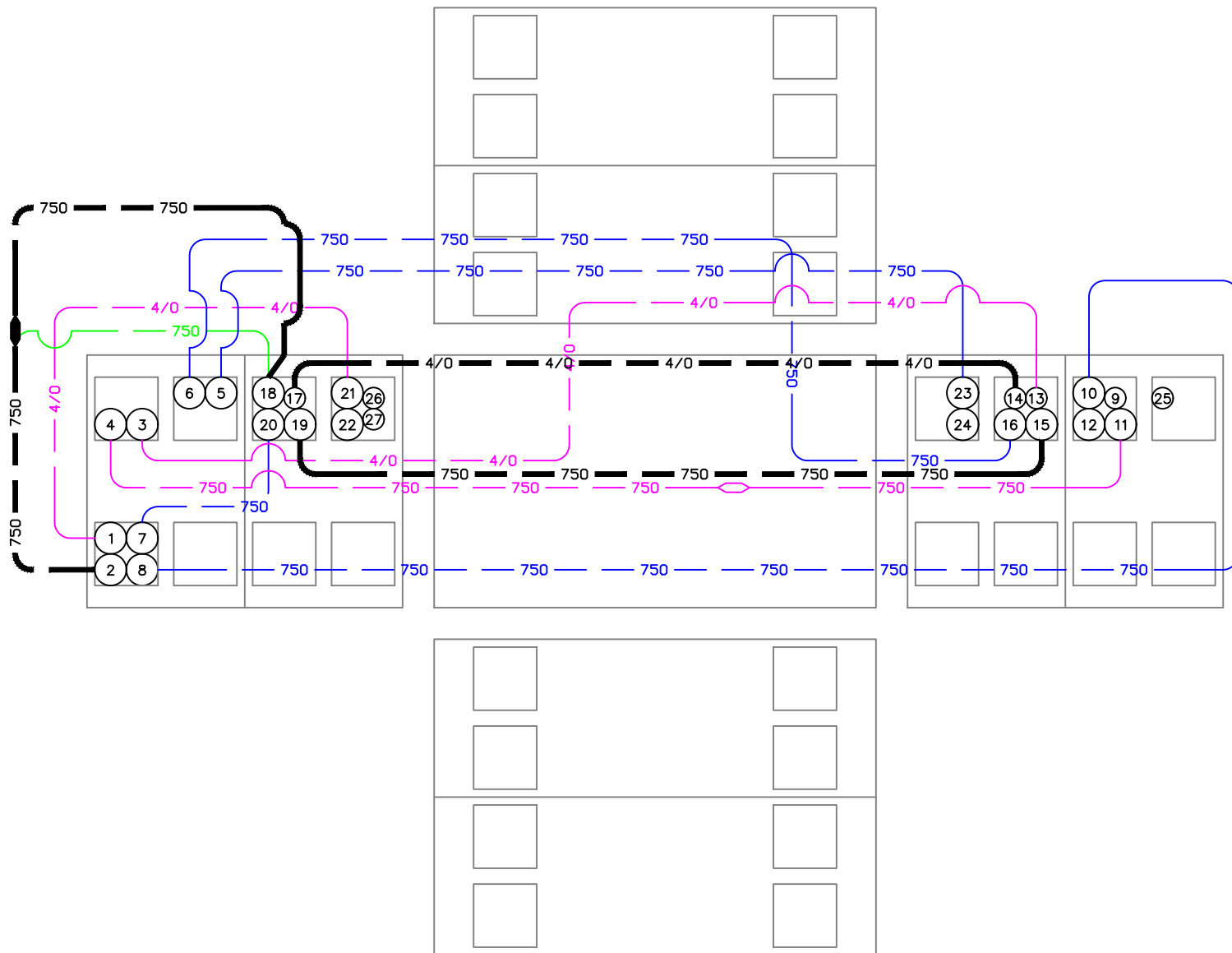


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Anchorage, Alaska 99519-6300

DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT		
	GRIDS: 1231D, 1331B, 1331D, 1431 FEEDER: S6F7, S10F6, S3F112 / BREAKER 930 CONDUIT DIAGRAM C & D		
W.O. NO.:	P1900043		P1900043 FINAL.dwg
	PAGE 36 OF 46		

VAULT DETAIL 1231-84K (8'x14') N.T.S.

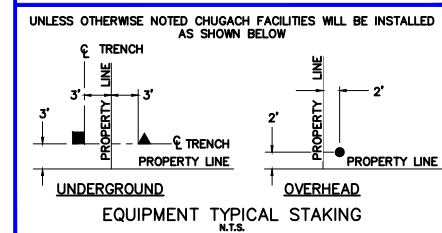
ITEM No.	DUCT SIZE	DESCRIPTION
1	6"	15kv 4/0 SHLD w/ #2 BC TO SC 119M COMP 4 AT 1231-84L
2	6"	15kv 750 CONC TO SC 119M COMP 2 AT 1232-84L
3	6"	15kv 4/0 SHLD w/ #2 BC TO SC 119M COMP 3 AT 1231-84L
4	6"	15kv 750 SHLD w/ 4/0 BC TO SC 119M COMP 1 AT 1231-84L
5	6"	35kv 750 SHLD w/ 4/0 BC TO SC 462M WAY 4 1232-84M
6	6"	35kv 750 SHLD w/ 4/0 BC TO SC 462M WAY 3 1232-84M
7	6"	35kv 750 SHLD w/ 4/0 BC TO SC 462M WAY 2 1232-84M
8	6"	35kv 750 SHLD w/ 4/0 BC TO SC 462M WAY 1 1232-84M
9	4"	VACANT TO VAULT 1231-94L
10	6"	35kv 750 SHLD w/ 4/0 BC TO RSR 1232B VIA VAULT 1231-94L
11	6"	15kv 750 SHLD w/ 4/0 BC TO VAULT 1231-94L
12	6"	VACANT TO VAULT 1231-94L
13	6"	15kv 4/0 SHLD w/ #2 BC TO T8949 (AØ) & T9109 (BCØ) VIA VAULT 1231-84J
14	4"	VACANT 15kv 4/0 CONC TO T-7230 THRU VAULTS 84J, 82G
15	6"	VACANT TO VAULT 1231-84J 15kv 750 CONC TO SC 1274 COMP 2 VIA VAULTS 84J, 82G, 7706
16	6"	35kv 750 SHLD w/ 4/0 BC TO SC 1287 WAY 1 VIA VAULT 1231-84J
17	4"	VACANT TO VAULT 1231-64K 15kv 4/0 CONC TO SC 1272 COMP 3
18	6"	15kv 750 KCM WS TO VAULT 1231-64K 15kv 750 CONC TO SC 1272 COMP 4
19	6"	VACANT TO VAULT 1231-64K 15kv 750 CONC TO SC 1272
20	6"	35kv 750 SHLD w/ 4/0 BC TO SC 465 WAY 2 VIA VAULT 1231-64K
21	6"	15kv 4/0 SHLD w/ #2 BC TO T-9351 (CØ) & JB-10 (ABØ)
22	6"	VACANT TO VAULT 1231-64K
23	6"	35kv 750 SHLD w/ 4/0 BC TO SC 461 WAY 4 VIA VAULT 1231-94L
24	6"	VACANT TO VAULT 1231-94L
25	4"	VACANT TO VAULT 1231-84L
26	4"	VACANT TO SC 119M AT 1231-84L
27	4"	VACANT TO SC 462M AT 1231-84M



VICINITY KEY MAP
N.T.S.

LEGEND		DESC.
NEW	EXISTING	
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		PEDESTAL
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1Ø OH XFMR
		DELTA OH XFMR
		3Ø OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1Ø O.H. PRIMARY
		2Ø O.H. PRIMARY
		3Ø O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND	
	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON



PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

ENG. STAMP

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

DRAWING NAME: **GAMBELL STREET: OH TO UG T-21 PROJECT**

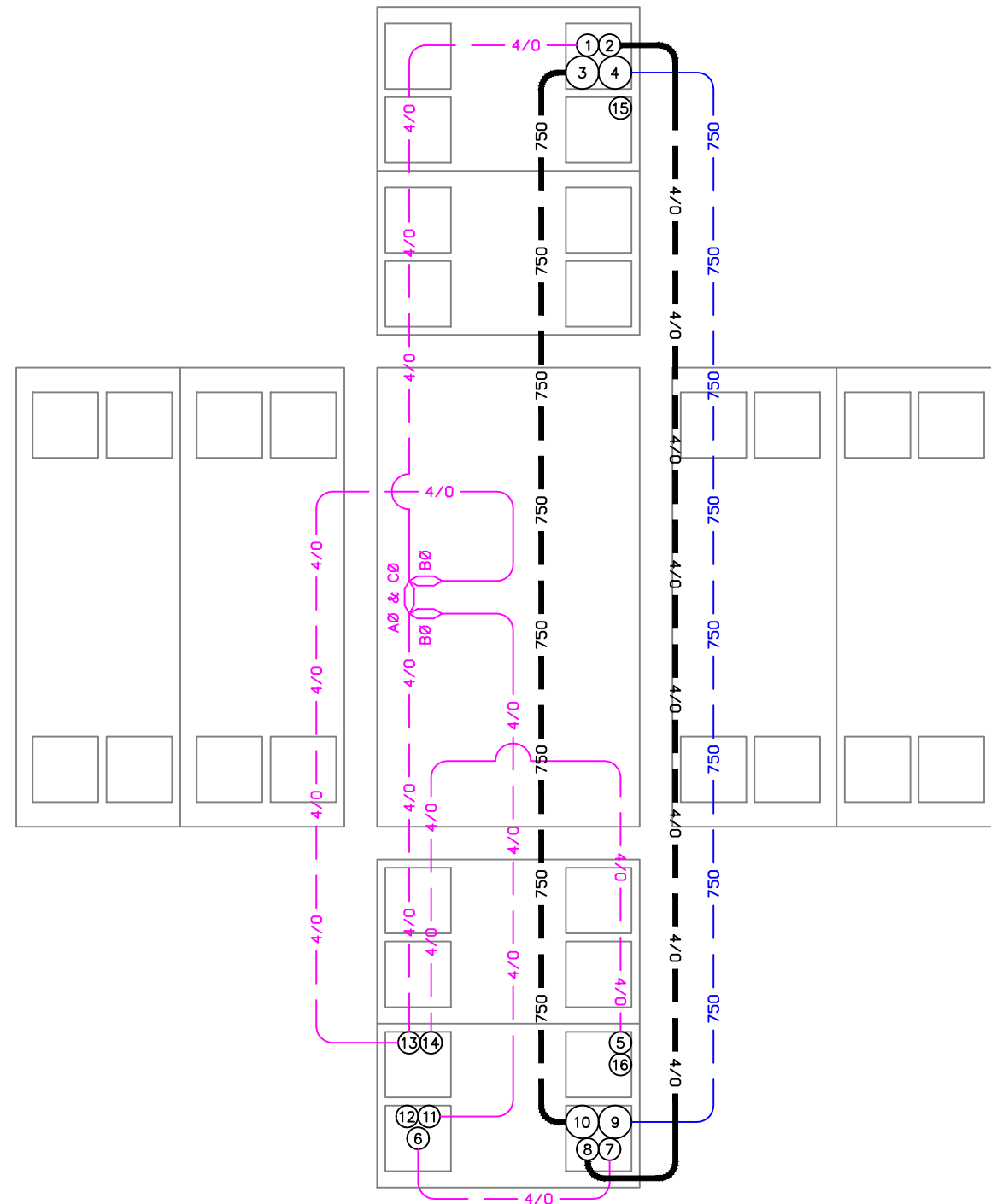
GRIDS: 1231D, 1331B, 1331D, 1431
FEEDER: S6F7, S10F6, S3F112 / BREAKER 930
VAULT DETAIL 1231-84K

W.O. NO.: **P1900043**

P1900043 FINAL.dwg
PAGE 37 OF 46

VAULT DETAIL 1231-84J

(8'x14') N.T.S.



ITEM No.	DUCT SIZE	DESCRIPTION
1	4"	15kV 4/0 SHLD w/ #2 BC TO SC 119M COMP 3 VIA VAULT 1231-84K
2	4"	VACANT 15kV 4/0 CONC TO SC 1272 COMP 3 VIA VAULT 1231-84K
3	6"	VACANT TO VAULT 1231-84K 15kV 750 CONC TO SC 1272 COMP 2 VIA VAULT 1231-84K
4	6"	35kV 750 SHLD w/ 4/0 BC TO SC 462M WAY 3 VIA VAULT 1231-84K
5	4"	15kV 4/0 SHLD w/ #2 BC TO T-8263 AT 13A VIA PP 14E
6	4"	15kV 4/0 SHLD w/ #2 BC TO T-8955 AT 1231-94I
7	4"	15kV 4/0 AL W/S w/ #2 BC TO SF-799 IN VAULT 1232-82G 15kV 4/0 SHLD w/ #2 BC TO POLE 7819 (72D) THRU VAULT 1231-82G
8	4"	VACANT 15kV 4/0 CONC TO PM 7230 AT 72C VIA VAULT 1231-82G
9	6"	35kV 750 SHLD w/ 4/0 BC SC 1287 WAY 1 VIA VAULT 1231-82G
10	6"	VACANT TO VAULT 1231-82G 15kV 750 CONC TO SC 1274 COMP 2 VIA VAULT 1231-82G, VAULT 7706
11	4"	15kV 4/0 SHLD w/ #2 BC TO T-8890 (BØ) AT 1231-74I
12	4"	15kV 4/0 SHLD w/ #2 BC TO T-8890 (BØ) AT 1231-74I
13	4"	15kV 4/0 SHLD w/ #2 BC TO T-8949 AT 1231-64H
14	4"	15kV 4/0 SHLD w/ #2 BC TO T-9109 AT 1231-54G
15	4"	VACANT TO VAULT 1231-84K
16	4"	VACANT TO VAULT AT 1231-82G

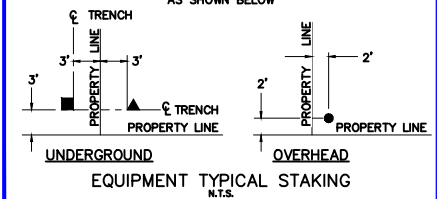
VICINITY KEY MAP
N.T.S.

LEGEND		DESC.
NEW	EXISTING	
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		PEDESTAL
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1Ø OH XFMR
		DELTA OH XFMR
		3Ø OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1Ø O.H. PRIMARY
		2Ø O.H. PRIMARY
		3Ø O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND

	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON

UNLESS OTHERWISE NOTED CHUGACH FACILITIES WILL BE INSTALLED AS SHOWN BELOW



EQUIPMENT TYPICAL STAKING
N.T.S.

PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

ENG. STAMP



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

DRAWING NAME:

GAMBELL STREET: OH TO UG T-21 PROJECT

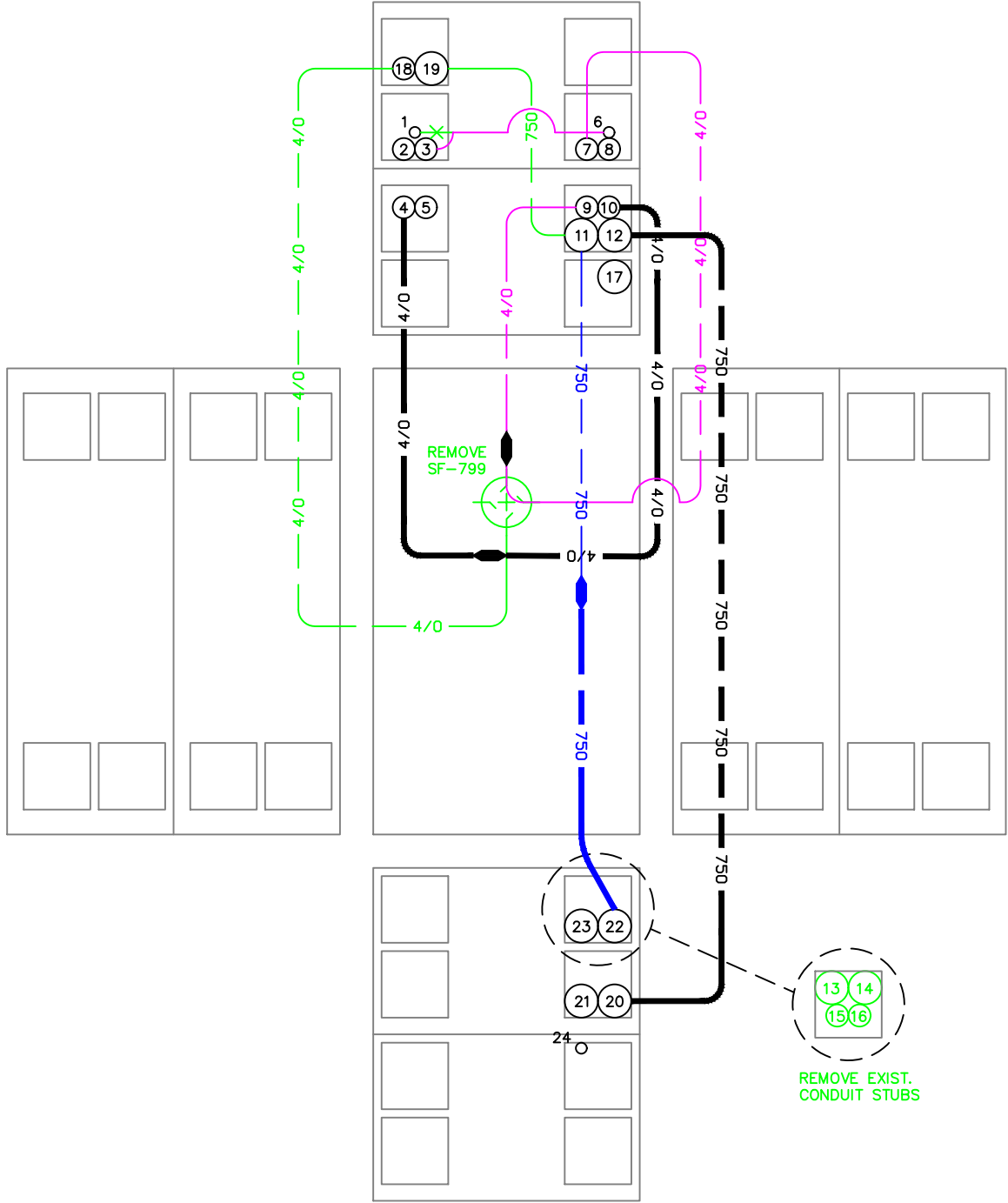
GRIDS: 1231D, 1331B, 1331D, 1431
FEEDER: S6F7, S10F6, S3F112 / BREAKER 930
VAULT DETAIL 1231-84J

W.O. NO.:

P1900043

P1900043 FINAL.dwg

VAULT DETAIL 1231-82G (8'x14') N.T.S.



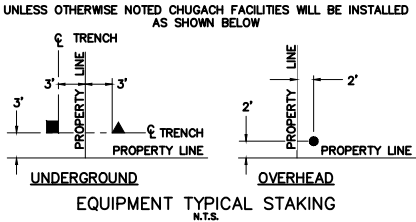
ITEM No.	DUCT SIZE	DESCRIPTION
1	2"	600V 4/0 AL TPX TO POLE 1231-72B ABANDONED
2	4"	VACANT TO VAULT 1231-84J
3	4"	600V 4/0 TPX NORTH TO TRAFFIC SIGNAL LOAD CENTER VIA 73C
4	4"	15kV 4/0 CONC TO T-7230 AT 1231-72C
5	4"	VACANT TO T-7230 AT 1231-72C
6	2"	600V 4/0 AL TPX TO POLE 7819 1231-72D
7	4"	15kV 4/0 SHLD w/ #2 BC TO POLE 7819 AT 1231-72D
8	4"	VACANT TO POLE 7819 AT 1231-72D
9	4"	15kV 4/0 CONC w/ #2 BC TO T-8955 (CØ), T-8478 (3Ø) THRU VAULT 1231-84J
10	4"	VACANT TO VAULT AT 1231-84J 15kV 4/0 CONC TO SC 1272 COMP 3 VIA VAULT 1231-84J, VAULT 1231-84K
11	6"	35kV 750 SHLD w/ 4/0 BC TO SC 462M WAY 3 VIA VAULT 1231-84J
12	6"	VACANT TO VAULT 1231-84J 15kV 750 CONC TO SC 1272 COMP 2 VIA VAULT 1231-84J, VAULT 1231-84K
13	6"	VACANT STUBBED OUT SOUTH ABANDONED
14	6"	VACANT STUBBED OUT SOUTH ABANDONED
15	6"	VACANT STUBBED OUT SOUTH ABANDONED
16	6"	VACANT STUBBED OUT SOUTH ABANDONED
17	6"	VACANT TO POLE 7819 AT 1231-72D
18	4"	15kV 4/0 AL WS w/ #2 BC TO POLE 1231-72B ABANDONED
19	6"	35kV 750 AL WS TO POLE 1231-72B ABANDONED
20	6"	15kV 750 CONC TO SC 1274 COMP 1 VIA VAULT 7706
21	6"	VACANT TO VAULT 7706
22	6"	35kV 750 CONC w/ 4/0 BC TO SC 1287 WAY 1
23	6"	VACANT TO SC 1287
24	1.5"	VACANT TO SC 1287

VICINITY KEY MAP
N.T.S.

LEGEND		DESC.
NEW	EXISTING	
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		PEDESTAL
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1Ø OH XFMR
		DELTA OH XFMR
		3Ø OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1Ø O.H. PRIMARY
		2Ø O.H. PRIMARY
		3Ø O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND

	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON



PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

ENG. STAMP

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

DRAWING NAME: **GAMBELL STREET: OH TO UG T-21 PROJECT**

GRIDS: 1231D, 1331B, 1331D, 1431
FEEDER: S6F7, S10F6, S3F112 / BREAKER 930
VAULT DETAIL 1231-82G

W.O. NO.: **P1900043**

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VAULT DETAIL 7706

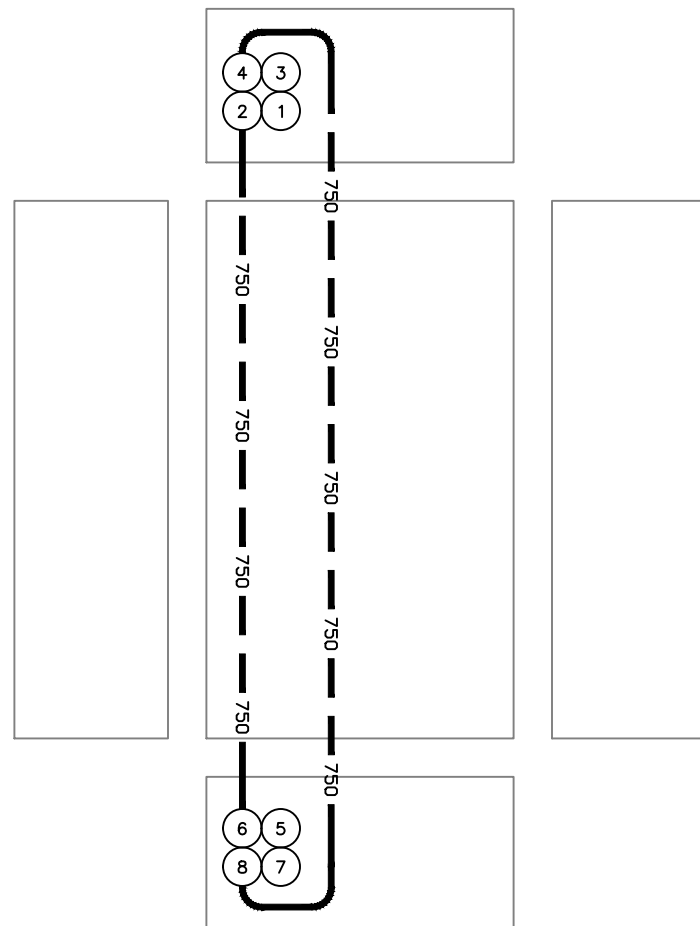
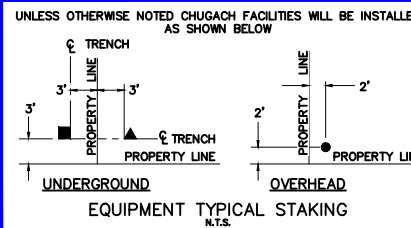
(6'x10') N.T.S.

ITEM No.	DUCT SIZE	DESCRIPTION
1	6"	VACANT TO VAULT 78E
2	6"	15kV 750 CONC TO SC 1273 COMP 1 THRU VAULT 78E
3	6"	VACANT TO VAULT 82G
4	6"	15kV 750 CONC TO SC 1272 COMP 2 THRU VAULTS 82G, 84J, 84K
5	6"	VACANT TO SC 1274
6	6"	15kV 750 CONC TO SC 1274 COMP 1
7	6"	VACANT TO SC 1274
8	6"	15kV 750 CONC TO SC 1274 COMP 2

VICINITY KEY MAP
N.T.S.

NEW	EXISTING	DESC.
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		PEDESTAL
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1Ø OH XFMR
		DELTA OH XFMR
		3Ø OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1Ø O.H. PRIMARY
		2Ø O.H. PRIMARY
		3Ø O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND	
	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON



PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

ENG. STAMP



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

DRAWING NAME: GAMBELL STREET: OH TO UG T-21 PROJECT	
GRIDS: 1231D, 1331B, 1331D, 1431 FEEDER: S6F7, S10F6, S3F112 / BREAKER 930 NEW VAULT DETAIL 7706	
W.O. NO.: P1900043	P1900043 FINAL.dwg PAGE 40 OF 46

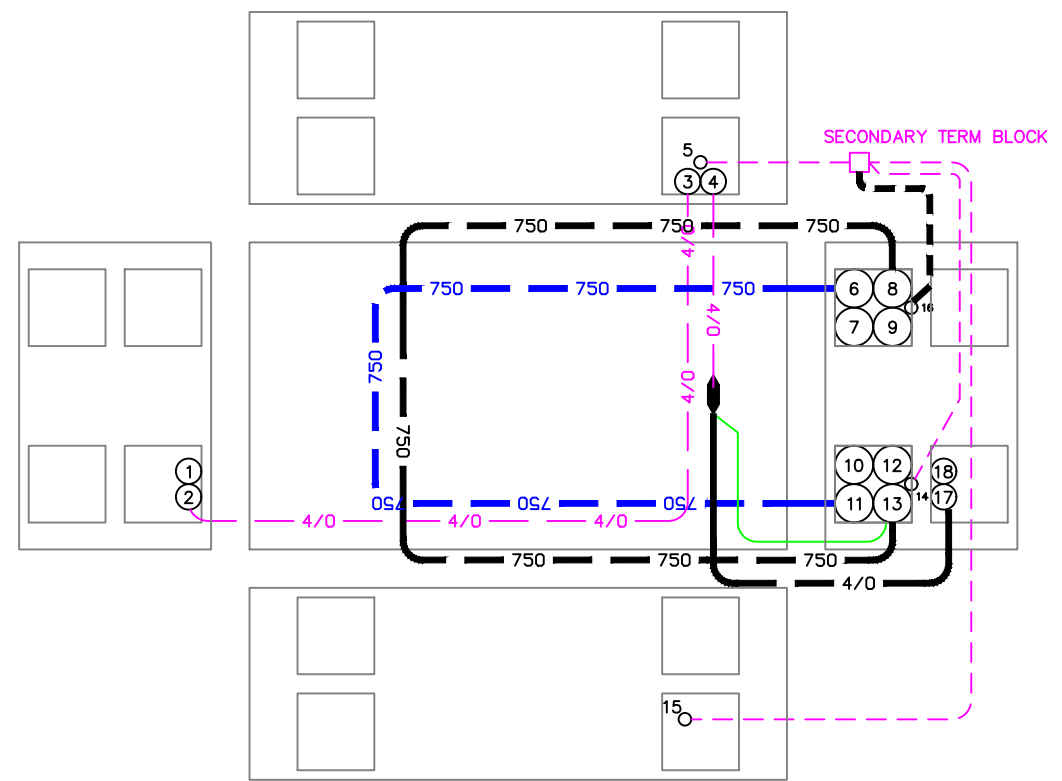
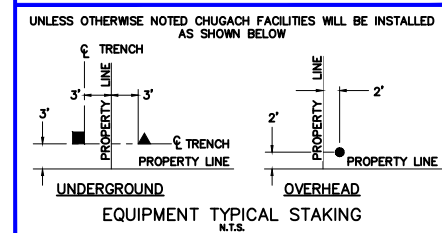
VAULT DETAIL 1331-78E (8'x14') N.T.S.

ITEM No.	DUCT SIZE	DESCRIPTION
1	4"	VACANT TO T-7351 AT 1331-77E
2	4"	15kv 4/0 SHLD w/ #2 BC TO T-7548 AT 1331-67F
3	4"	15kv 4/0 SHLD w/ #2 BC TO T-8424 & 8519 AT 1331-78F
4	4"	15kv 4/0 SHLD w/ #2 BC TO T-9135 (AØ) AT 1331-78G, T-9078 (BCØ) AT 1331-79C
5	2"	600V 4/0 AL TPX TO T-9135 AT 1331-78G
6	6"	VACANT TO LOCATE DISK AT GAMBELL STREET 35kv 750 CONC TO SC 1287 WAY 2
7	4" 6"	VACANT TO LOCATE DISK AT GAMBELL STREET VACANT TO SC 1287
8	6"	VACANT TO LOCATE DISK AT GAMBELL STREET 15kv 750 CONC TO SC 1274 COMP 1 VIA VAULT 7706
9	4" 6"	VACANT TO LOCATE DISK AT GAMBELL STREET VACANT TO VAULT 7706
10	6"	VACANT TO LOCATE DISK AT GAMBELL STREET VACANT TO VAULT 86L
11	6"	VACANT TO LOCATE DISK AT GAMBELL STREET 35kv 750 CONC TO SC 448M WAY 2 VIA VAULT 86L
12	4" 6"	VACANT TO LOCATE DISK AT GAMBELL STREET VACANT TO SC 1273
13	4" 6"	3-15kv 4/0 AL WS w/ #2 BC TO POLE 1331-78D 15kv 750 CONC TO SC 1273 COMP 1
14	2"	1-600V #4/0 AL TPX TO POLE 1331-78D
15	2"	600V #2 AL TPX TO STREET LIGHT 1331-68D
16	2"	600V 4/0 RIBB TO HANDHOLE 1331-88F
17	4"	15kv 4/0 CONC w/ #2 BC TO SC 1273 COMP 4
18	4"	VACANT TO SC 1273

VICINITY KEY MAP
N.T.S.

LEGEND		DESC.
NEW	EXISTING	
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		PEDESTAL
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1Ø OH XFMR
		DELTA OH XFMR
		3Ø OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1Ø O.H. PRIMARY
		2Ø O.H. PRIMARY
		3Ø O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND	
	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON



PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

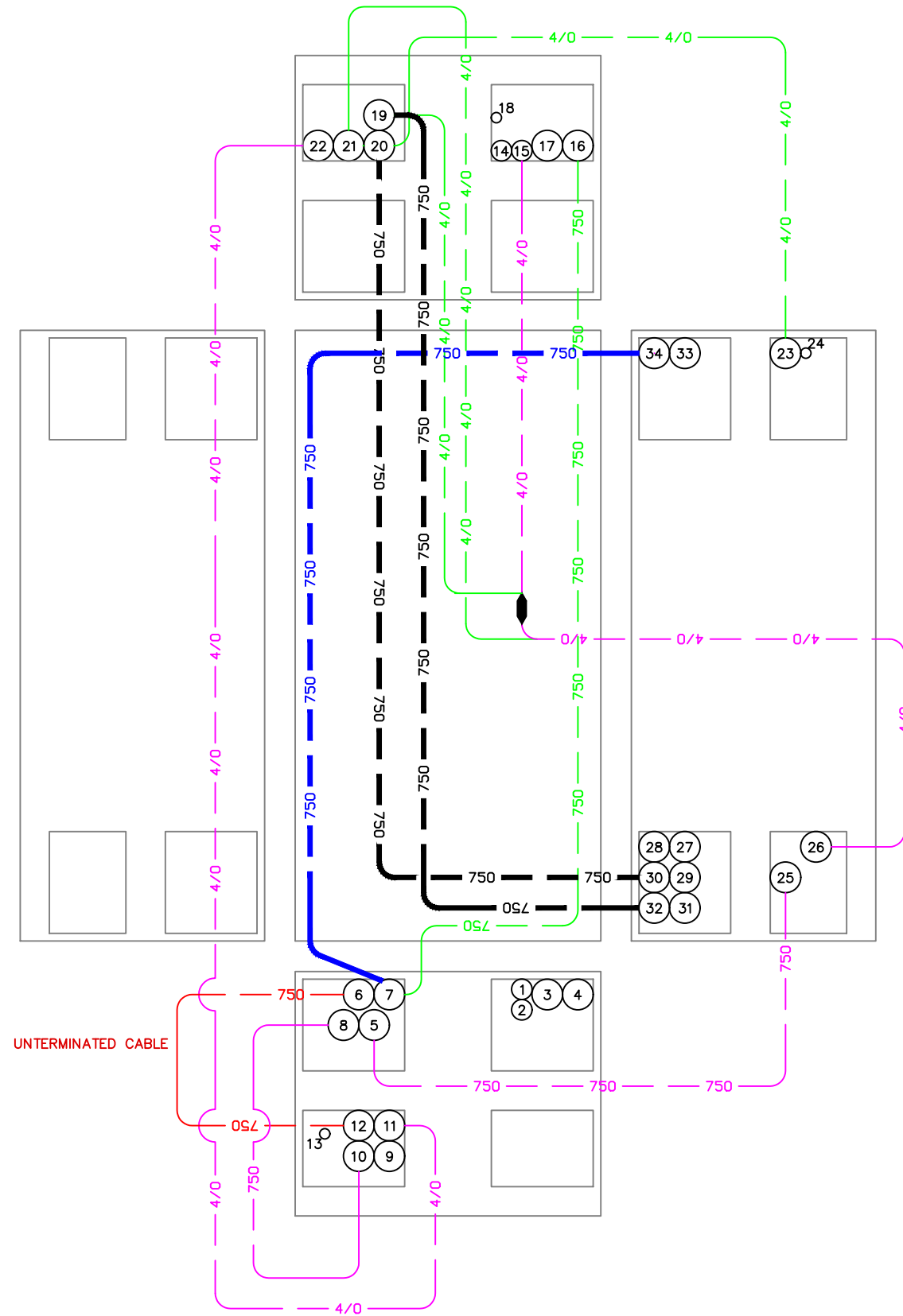
ENG. STAMP



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

DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT		
	GRIDS: 1231D, 1331B, 1331D, 1431 FEEDER: S6F7, S10F6, S3F112 / BREAKER 930 VAULT DETAIL 1331-78E		
W.O. NO.:	P1900043		P1900043 FINAL.dwg
			PAGE 41 OF 46

VAULT DETAIL 1331-86L (8'x20') N.T.S.



ITEM No.	DUCT SIZE	DESCRIPTION
1	4"	VACANT STUBBED OUT SOUTH ABANDONED
2	4"	VACANT STUBBED OUT SOUTH ABANDONED
3	6"	VACANT STUBBED OUT SOUTH ABANDONED
4	6"	VACANT STUBBED OUT SOUTH ABANDONED
5	6"	35kV 750 SHLD w/ 4/0 BC TO SC 448M WAY 1
6	6"	35kV 750 SHLD w/ 4/0 BC TO SC 448M (ABANDONED IN PLACE)
7	6"	35kV 750 SHLD w/ 4/0 BC TO SC 448M 35kV 750 CONC TO SC 448M WAY 2 VIA V78E
8	6"	35kV 750 SHLD w/ 4/0 BC TO SC 448M WAY 3
9	6"	VACANT TO VAULT 1331-66H
10	6"	35kV 750 SHLD w/ 4/0 BC TO SUB 6 BRK 4230 VIA VAULT 1331-66H
11	6"	15kV 4/0 SHLD w/ #2 BC TO T-9018, T-9069, T-9116, THRU VAULT 1331-66H
12	6"	35kV 750 SHLD w/ 4/0 BC TO RISER 1331-66Y (SUB 1), (ABANDONED IN PLACE)
13	2"	VACANT TO VAULT 1331-66H
14	4"	VACANT TO T-7351 AT 1331-77E
15	4"	15kV 4/0 SHLD w/#2 BC TO T-7351 AT 1331-77E
16	6"	3-35kV 750kCM w/ 4/0 BC TO RISER 1331-77B ABANDONED, REMOVE STUB OUT
17	6"	VACANT STUBBED OUT NORTH
18	2"	VACANT STUBBED OUT NORTH
19	6"	3-15kV 4/0 AL WS w/ #2 BC TO SC 449 COMP 1 15kV 750 CONC TO SC 449M COMP 1
20	6"	3-15kV 4/0 AL WS w/ #2 BC TO SC 449 COMP 2 15kV 750 CONC TO SC 449M COMP 2
21	6"	15kV 4/0 SHLD w/ #2 BC TO SC 449 COMP 3 VACANT TO SC 449M
22	6"	15kV 4/0 SHLD w/ #2 BC TO SC 449M COMP 4
23	6"	3-15kV 4/0 AL WAS w/ #2 BC TO RISER 1331-76A ABANDONED
24	2"	VACANT TO POLE 1331-76A ABANDONED
25	6"	35kV 750 SHLD w/ 4/0 BC TO RISER 1332-26B THRU VAULT 86G, 87A, 97C, 97D
26	6"	15kV 4/0 SHLD w/ #2 BC TO T-9004 AT 1331-86Q
27	6"	VACANT TO VAULT 7336
28	6"	VACANT TO VAULT 7336
29	6"	VACANT TO SC 1273
30	6"	15kV 750 CONC TO SC 1273 COMP 2
31	6"	VACANT TO SC 1276
32	6"	15kV 750 CONC TO SC 1276 COMP 1
33	6"	VACANT TO VAULT 78E
34	6"	35kV 750 CONC TO SC 1287 WAY 2 THRU VAULT 78E

VICINITY KEY MAP
N.T.S.

NEW	EXISTING	DESC.
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		PEDESTAL
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1Ø OH XFMR
		DELTA OH XFMR
		3Ø OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1Ø O.H. PRIMARY
		2Ø O.H. PRIMARY
		3Ø O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND

	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON

UNLESS OTHERWISE NOTED CHUGACH FACILITIES WILL BE INSTALLED AS SHOWN BELOW

UNDERGROUND
EQUIPMENT TYPICAL STAKING

OVERHEAD
EQUIPMENT TYPICAL STAKING

PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
0	ISSUED FOR PRELIM DESIGN	MS 2/16/26	-
1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

ENG. STAMP



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

DRAWING NAME:

GAMBELL STREET: OH TO UG T-21 PROJECT

GRIDS: 1231D, 1331B, 1331D, 1431
FEEDER: S6F7, S10F6, S3F112 / BREAKER 930
VAULT DETAIL 1331-86L

W.O. NO.:

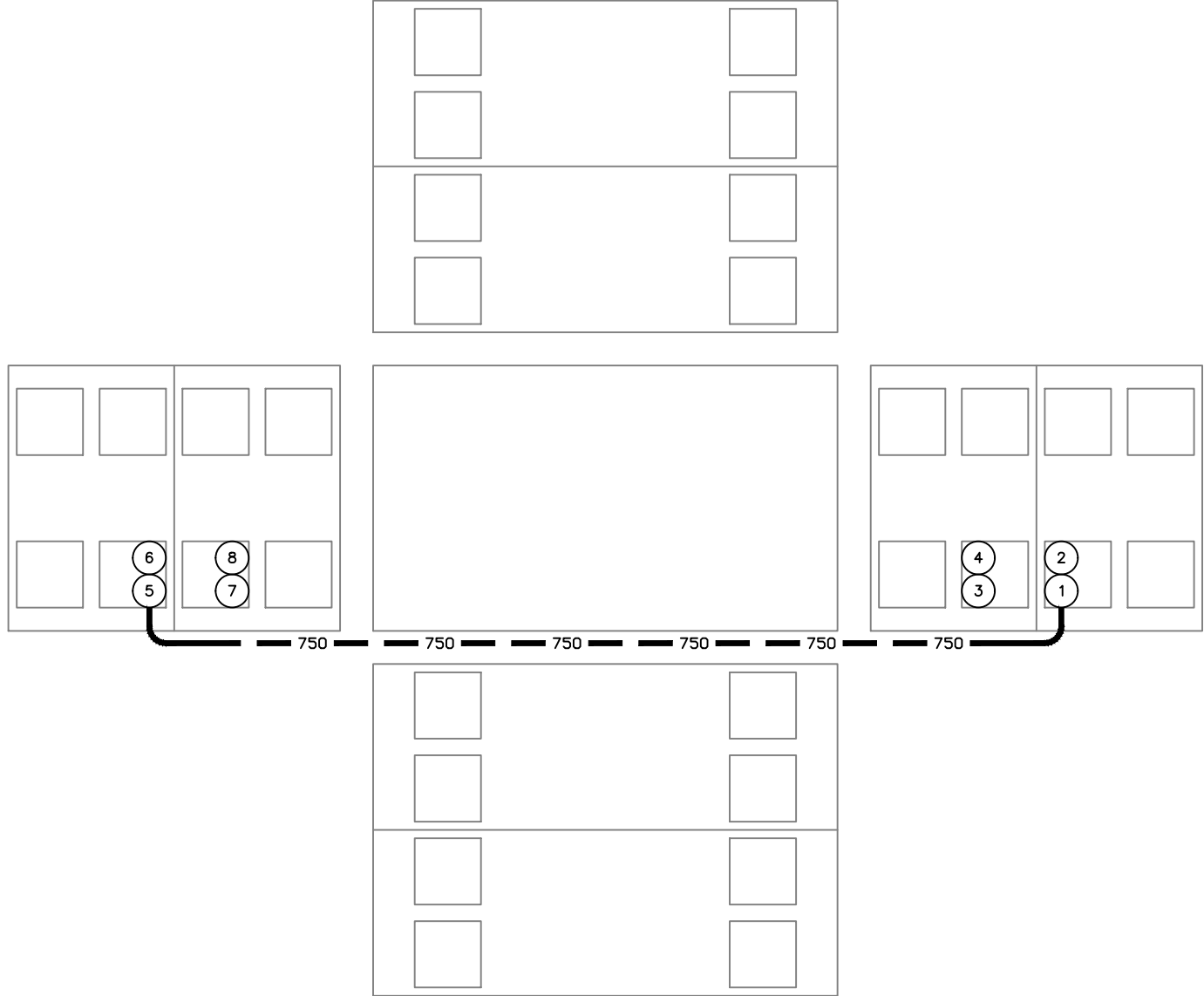
P1900043

P1900043 FINAL.dwg

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NEW VAULT DETAIL 7336 (8'x14') N.T.S.

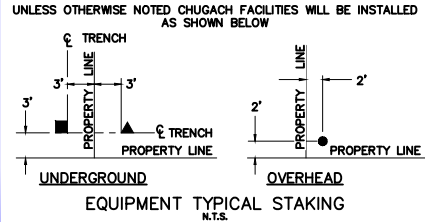
ITEM No.	DUCT SIZE	DESCRIPTION
1	6"	15kV 750 CONC TO SC 1276 COMP 2
2	6"	VACANT TO SC 1276
3	6"	VACANT TO VAULT 86L
4	6"	VACANT TO VAULT 86L
5	6"	15kV 750 CONC TO SC 1278 COMP 4
6	6"	VACANT TO SC 1278
7	6"	VACANT TO VAULT 7407
8	6"	VACANT TO VAULT 7407



VICINITY KEY MAP
N.T.S.

LEGEND		
NEW	EXISTING	DESC.
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1Ø OH XFMR
		DELTA OH XFMR
		3Ø OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1Ø O.H. PRIMARY
		2Ø O.H. PRIMARY
		3Ø O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND	
	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON



PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
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1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>Jm</i> 4/21/26

ENG. STAMP

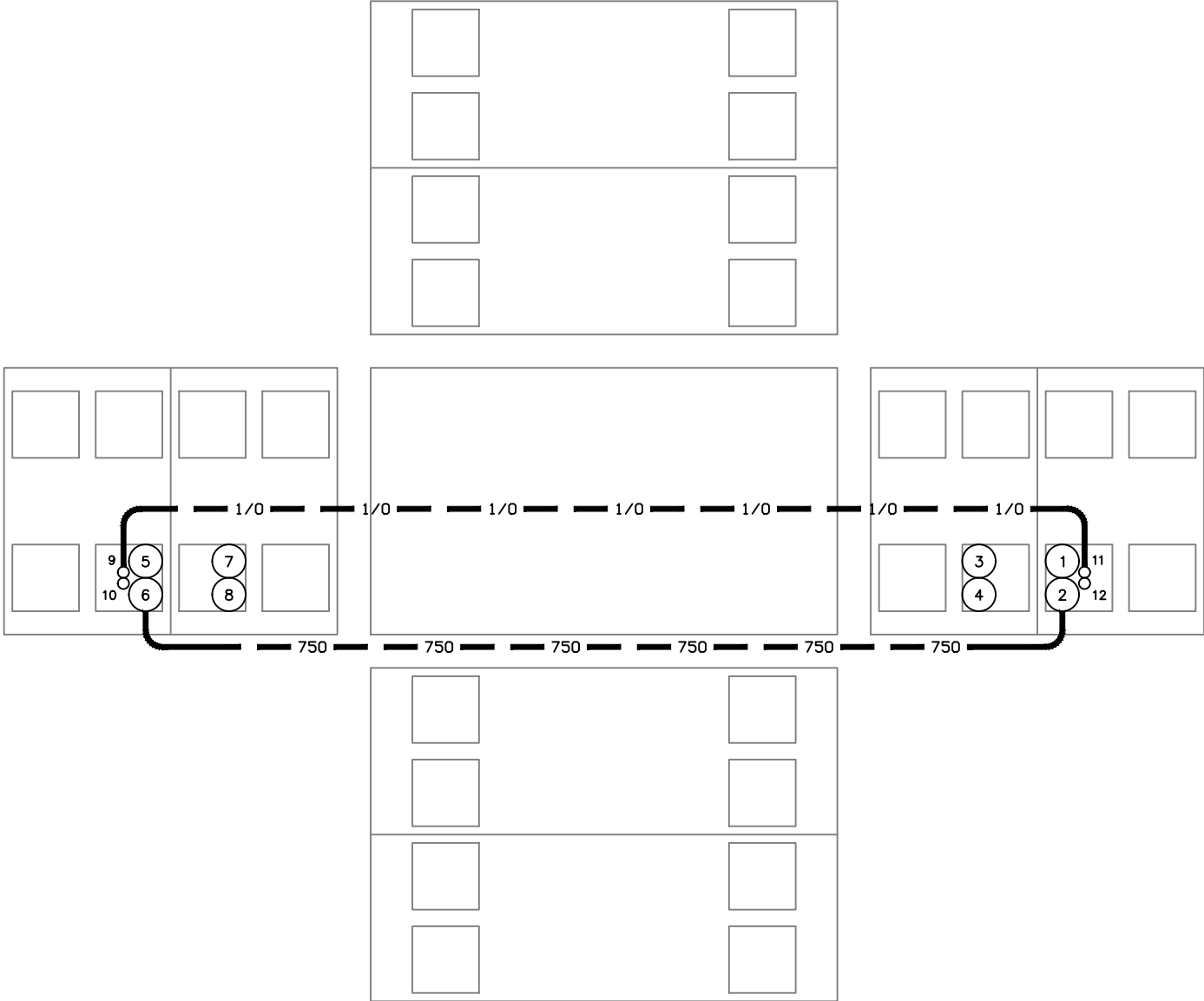


Chugach Electric Association, Inc.
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Anchorage, Alaska 99519-6300

DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT		
	GRIDS: 1231D, 1331B, 1331D, 1431 FEEDER: S6F7, S10F6, S3F112 / BREAKER 930 NEW VAULT DETAIL 7336		
W.O. NO.:	P1900043		P1900043 FINAL.dwg
	PAGE 43 OF 46		

NEW VAULT DETAIL 7407
(8'x14') N.T.S.

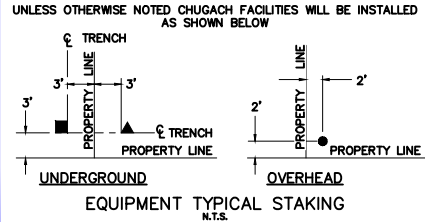
ITEM No.	DUCT SIZE	DESCRIPTION
1	6"	VACANT TO SC 1275
2	6"	15kV 750 CONC TO SC 1275 COMP 2
3	6"	VACANT TO VAULT 7336
4	6"	VACANT TO VAULT 7336
5	6"	VACANT TO VAULT 7380
6	6"	15kV 750 CONC TO SC 1288 COMP 1 VIA V 7380
7	6"	VACANT TO VAULT 7380
8	6"	VACANT TO VAULT 7308
9	2"	15kV 1/0 CONC TO PM 7598
10	2"	VACANT TO PM 7598
11	2"	15kV 1/0 CONC TO PM 7107
12	2"	VACANT TO PM 7107



VICINITY KEY MAP
N.T.S.

NEW	EXISTING	DESC.
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		PEDESTAL
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1Ø OH XFMR
		DELTA OH XFMR
		3Ø OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1Ø O.H. PRIMARY
		2Ø O.H. PRIMARY
		3Ø O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND	
	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON



PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
NO.	DESIGN/CONSTRUCTION/AS-BUILT REVISION	DWN BY/DATE	APPROVED/DATE
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1	ISSUED FOR FINAL DESIGN	MS 4/10/26	<i>JM</i> 4/21/26

ENG. STAMP



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5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT
	GRIDS: 1231D, 1331B, 1331D, 1431 FEEDER: S6F7, S10F6, S3F112 / BREAKER 930 NEW VAULT DETAIL 7407
W.O. NO.:	P1900043
	P1900043 FINAL.dwg PAGE 44 OF 46

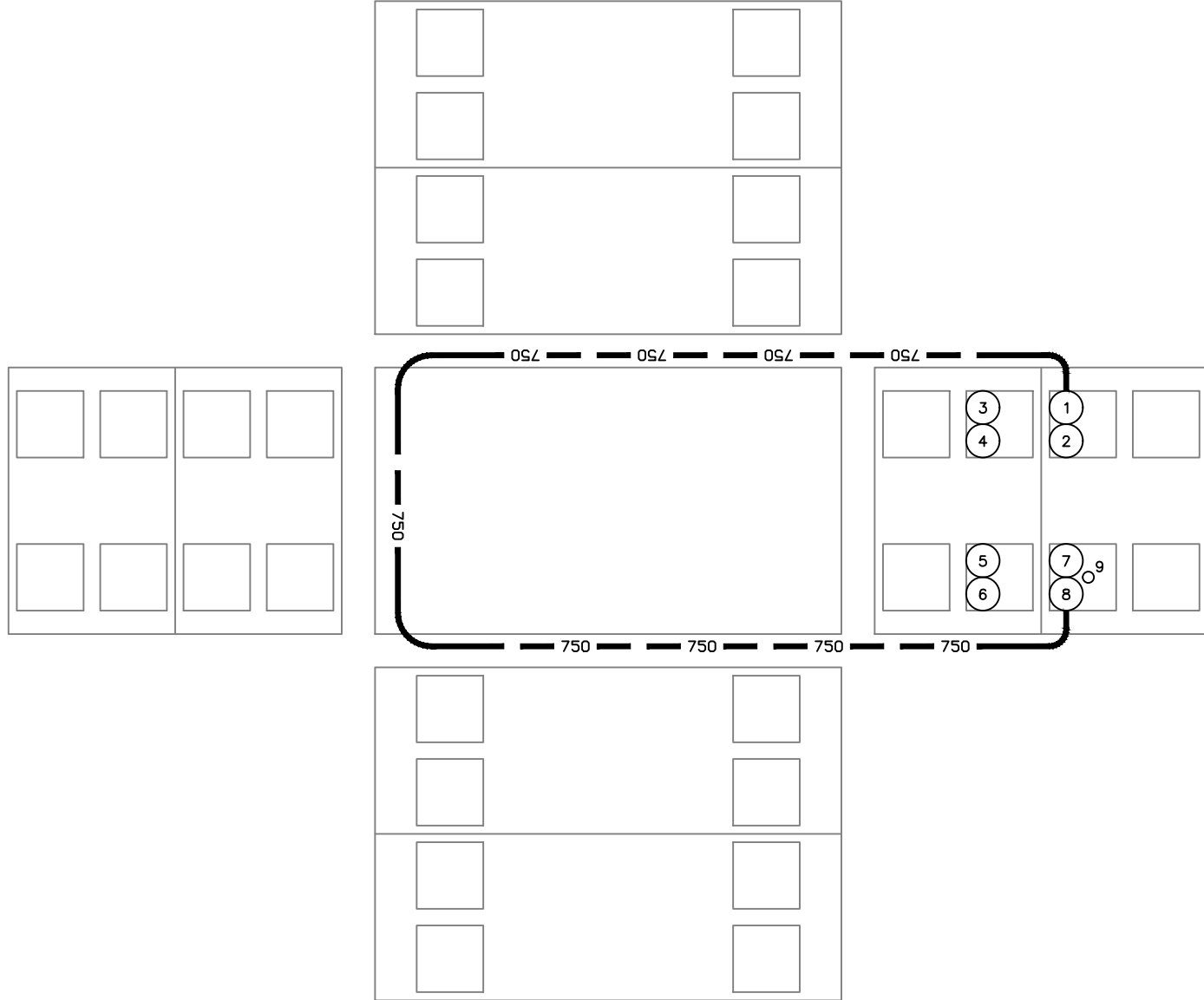
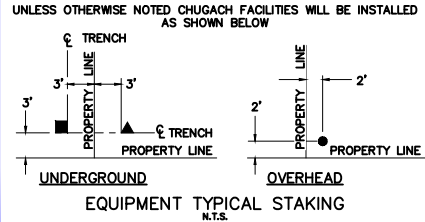
NEW VAULT DETAIL 7380
(8'x14') N.T.S.

ITEM No.	DUCT SIZE	DESCRIPTION
1	6"	15kv 750 CONC TO SC 1275 COMP 2 VIA VAULT 7407
2	6"	VACANT TO VAULT 7407
3	6"	VACANT TO VAULT 7407
4	6"	VACANT TO VAULT 7407
5	6"	VACANT STUBBED OUT 5' EAST
6	6"	VACANT STUBBED OUT 5' EAST
7	6"	VACANT TO VAULT 87X
8	6"	15kv 750 CONC TO SC 1288 COMP 1 VIA VAULT 87X
9	2"	VACANT TO VAULT 87X

VICINITY KEY MAP
N.T.S.

LEGEND		
NEW	EXISTING	DESC.
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		PEDESTAL
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1Ø OH XFMR
		DELTA OH XFMR
		3Ø OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1Ø U.G. PRIMARY
		2Ø U.G. PRIMARY
		3Ø U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1Ø O.H. PRIMARY
		2Ø O.H. PRIMARY
		3Ø O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND	
	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON



PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
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ENG. STAMP



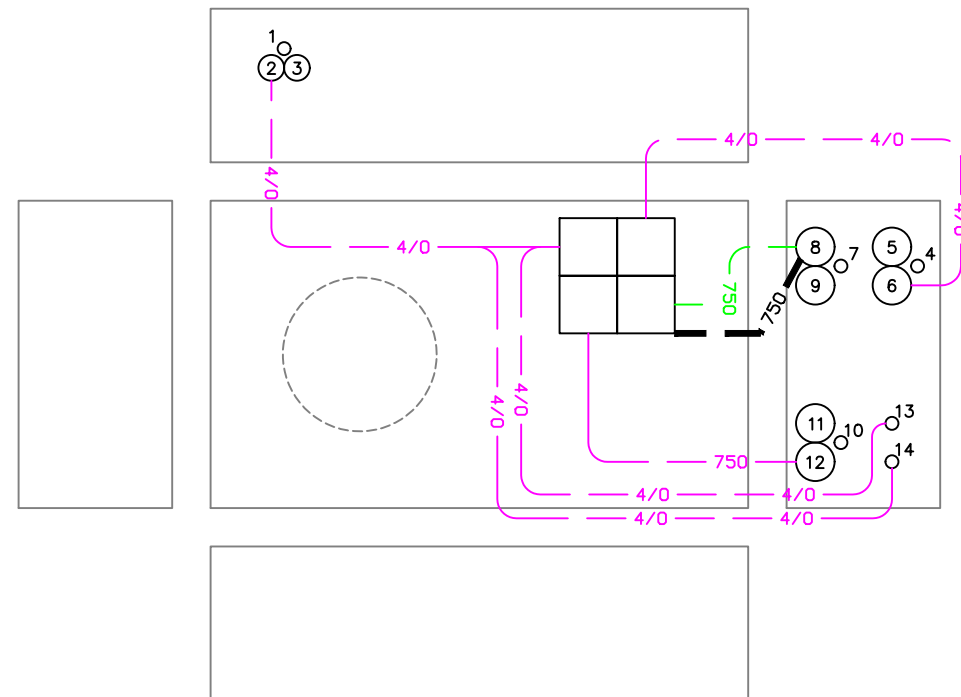
Chugach Electric Association, Inc.
5601 Electron Drive - P.O. Box 196300
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DRAWING NAME:	GAMBELL STREET: OH TO UG T-21 PROJECT		
	GRIDS: 1231D, 1331B, 1331D, 1431		
	FEEDER: S6F7, S10F6, S3F112 / BREAKER 930		
	NEW VAULT DETAIL 7308		
W.O. NO.:	P1900043		
			P1900043 FINAL.dwg
			PAGE 45 OF 46

VAULT DETAIL 1431-87X

(8'x14') N.T.S.

ITEM No.	DUCT SIZE	DESCRIPTION
1	2"	VACANT TO RISER 1431-67B
2	6"	15kV 4/0 STR AL WS WEST TO RISER 1431-67B
3	6"	VACANT TO RISER 1431-67B
4	2"	VACANT TO PULL BOX 1431-87Z
5	6"	VACANT TO PULL BOX 1431-87Z
6	6"	15kV 4/0 STR AL WS EAST TO T-6818 (Aφ) SC-324 (Bφ) T-6801 (Cφ)
7	2"	VACANT NORTH TO RISER 1431-78B VACANT TO VAULT 7380
8	6"	15kV 750 MCM STR AL WS NORTH TO RISER 1431-78B 15kV 750 CONC TO SC 1275 COMP 2 VIA VAULTS 7380, 7407
9	6"	VACANT NORTH TO RISER 1431-78B VACANT TO VAULT 7380
10	2"	VACANT SOUTH TO RISER 1431-85B
11	6"	VACANT SOUTH TO RISER 1431-85B
12	6"	15kV 750MCM STR AL WS SOUTH TO RISER 1431-85B
13	2"	15kV 4/0 STR AL WS Cφ TO RISER T-7119 (ADJACENT)
14	2"	15kV 4/0 STR AL WS Cφ TO RISER T-7119 (ADJACENT)



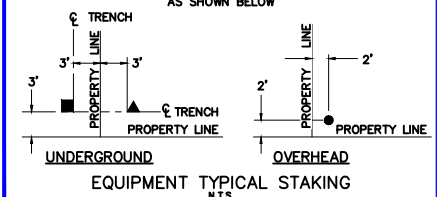
VICINITY KEY MAP
N.T.S.

LEGEND		DESC.
NEW	EXISTING	
		VAULT
		JUNCTION BOX
		SWITCH CABINET
		PULLBOX
		PADMOUNT XFMR
		FUSED JUNCTION BOX
		PRIMARY METER
		HANDHOLE
		PEDESTAL
		NON-CEA POLE
		POLE
		LIGHT
		DOWN GUY
		FUSE
		SPLICE POINT
		1φ OH XFMR
		DELTA OH XFMR
		3φ OH XFMR
		FIBER OPTIC
		O.H. XMSSN
		U.G. XMSSN
		SPAN GUY
		CONDUIT DIAMETER
		1φ U.G. PRIMARY
		2φ U.G. PRIMARY
		3φ U.G. PRIMARY
		U.G. SECONDARY
		U.G. SERVICE
		1φ O.H. PRIMARY
		2φ O.H. PRIMARY
		3φ O.H. PRIMARY
		R.O.W. EASEMENT LINE
		CENTERLINE OF TRENCH

COLOR LEGEND

	NEW
	REFERENCE
	EXISTING
	RETIRE
	ABANDON

UNLESS OTHERWISE NOTED CHUGACH FACILITIES WILL BE INSTALLED AS SHOWN BELOW



EQUIPMENT TYPICAL STAKING
N.T.S.

PROJECT: GAMBELL STREET: OH TO UG T-21 PROJECT			
DESIGNER/PROJECT ENGINEER: M. SALVANERA		W.O. #: P1900043	
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ENG. STAMP



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5601 Electron Drive - P.O. Box 196300
Anchorage, Alaska 99519-6300

DRAWING NAME: **GAMBELL STREET: OH TO UG T-21 PROJECT**

GRIDS: 1231D, 1331B, 1331D, 1431
FEEDER: S6F7, S10F6, S3F112 / BREAKER 930
VAULT DETAIL 1431-87X

W.O. NO.: **P1900043**

P1900043 FINAL.dwg