

COVERSHEET



17330 MN-371
Brainerd, MN 56401
(218) - 829 - 2827

RUS Code:	305	W/O #:	295217
EXT 740 C:		W/P #:	
Loan Nbr:	BA8	LOC #:	65-000-00-00001
Loan Ywr:	2014	Name:	SUBSTATION-DEWING
AFF #:		(H) Phone #:	
Elec:		(W) Phone #:	
RFCd:		(C) Phone #:	
By:		Acct #:	

City:		Staked By:	LUKE M KASELLA
Sec:	1	Date:	12/14/2016 12:00:00AM
Twp:		Signed By:	
Reg:	31	Date:	12/30/2013

Tailgate Session	
Job Steps:	Work Procedures:
PPE Needed:	Job Hazards:
Source Control Verified/Size:	Equipment Needed:
Personal Tools:	1-Shot/K-Fuse Size:
Crew:	Date:
Comments:	

Gopher State	
Locate #:	Date OK:

Comments 1:	
Comments 2:	
Comments 3:	

Septic:	Row 1:	Rd Permit:	✓
Priv Elec:	Row 2:	Cty Permit:	
LP Line:	Line Ext \$ Bore/Push \$ Permit \$ Ped/Loop \$ Total \$	Fees:	
Sprinkler:	Backfill Comments:	TWP Permit:	
Final Grade:	Test	State Permit:	
Brushing:		DNR Permit:	
Trees:		Joint Trench:	
Easements:		Notify TWP:	

Type of Device:	Size of Device:	Box/Switch #:
Reel ID:	Start Ftg:	End Ftg:
Reel ID:	Start Ftg:	End Ftg:
Reel ID:	Start Ftg:	End Ftg:

CONDUCTOR SUMMARY			
STATUS	CONDUCTOR	TYPE	QTY (FT)
	4 ACSR	PRIMARY	654
	4/0 ACSR	PRIMARY	1104
INSTALL	1/0 15KV JAC 220 MLL	PRIMARY	339
INSTALL	4 ACSR	PRIMARY	3198
INSTALL	4/0 ACSR	PRIMARY	84780
	1/0 ACSR	PRIMARY	904
	4 ACSR	PRIMARY	586
RETIRE	1/0 25KV JAC	PRIMARY	31
RETIRE	1/0 ACSR	PRIMARY	84668
RETIRE	4 ACSR	PRIMARY	1918
RETIRE	6-8 ACWC	PRIMARY	1438
INSTALL	1/0 USE	SECONDARY	10
INSTALL	4 TX	SECONDARY	152
INSTALL	4/0 QUAD USE	SECONDARY	40
	UG-MODEL	SECONDARY	25
RETIRE	1/0 TX	SECONDARY	167
RETIRE	4/0 QUAD USE	SECONDARY	10
RETIRE	6 WP	SECONDARY	456



Staked By:	LUKE M KASELLA	RUS Code:	305	W/O #:	295217
Date:	12/14/2016 12:00:00	EXT 740 C:		LOC #:	65-000-00-00001
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Date:		Loan Yvr:	2014	Acct #:	
Warehouse:					

ASSEMBLY NAME		DESCRIPTION		ASSEMBLY UNIT SUMMARY		INSTALLED		RETIRED	
1/0 15KV JAC 220 MIL	CABLE, 15KV 1/0 SOLID (JACKET) 220 MIL			339	-				
1/0 25KV JAC	1/0 25KV SOLID JACKET CABLE			-	31				
1/0 ACSR	1/0 ACSR			-	84668				
1/0 TX	1/0 ALTX			-	167				
1/0 USE	1/0 600V USE			10	-				
30-6	30-6 POLE			-	1				
35-5	35-5 POLE			10	66				
35-6	35-6 POLE			-	1				
4 ACSR	4 ACSR			3198	1918				
4 TX	4 ALTX			152	-				
4/0 ACSR	4/0 ACSR			84780	-				
4/0 QUAD USE	4/0 QUAD USE			40	10				
40-3	40-3 POLE			1	-				
40-4	40-4 POLE			69	-				
40-5	40-5 POLE			1	15				
45-4	45-4 POLE			8	-				
6 WP	6 CUWP			-	456				
6-8 ACWC	6-8 ACWC			-	1438				
A1.1	(OLD A1) SINGLE PRIMARY SUPPORT, SINGLE			-	2				
A2.1	(OLD A1-1) DOUBLE PRIMARY SUPPORT, SINGLE			1	2				
A2.3	(OLD A2) DOUBLE PRIMARY SUPPORT, SINGLE P			1	-				
A5.1	(OLD A5) PRIMARY SINGLE PHASE DEAD END			1	2				
A5.21	(OLD A7) SINGLE PHASE DEAD END (X-ARM CON			1	3				
A5.3	(OLD A5-2) PRISINGLE PHASE TAP (EXTENDED)			12	11				
A6.1	(OLD A6) DOUBLE DEADEND (STRAIGHT)			1	-				
C1.11	(OLD C1) SINGLE SUPORT ON X ARM TANGENT			-	20				
C1.11P	(OLD C1P) SINGLE SUPPORT ON X ARM 15KV			67	54				
C2.21P	(OLD C1-3P) DBLE SUPPORT X ARMS POST IN			-	1				
C2.24P	(OLD C1-1AP) DBLE SUPT ON X ARMS TAN POST			6	1				
C2.52P	(OLD C2-2PL) DBLE SUP ON 10" X ARMS POST			-	1				
C4.1G	(OLD C4-1) DEADEND ANGLE GUIDE (90-150)			2	-				
C5.31L	SINGLE DEADEND ON X ARMS LARGE COND.			2	-				
C5.71L	(OLD C7A) SINGLE DEADEND ON HUGHES ARM			1	-				
C6.31L	(OLD C8-3) DBLE DEADEND ON X ARM LGE COND			2	-				
E1.1	(OLD E1-2) SINGLE DOWN GUY			20	21				
E1.3L	SINGLE DOWN GUY LG COND (POLE BAND TYPE)			3	-				
E1.4	(OLD E2-2) SGLE OVERHEAD GUY 3/8" BOLT TP			7	-				
E1-1	SINGLE DOWN GUY 1/4"			-	2				
E3-10	GUY GUARD			43	7				
E4.3LG	FOUR DOWN GUY GUIDE LG COND POLE BANDS			2	-				
F1.8	(OLD F1-2) PATENT ANCHOR			-	4				
F2.10	(OLD F1-3S) 12" POWER DRIVE 3/4"			31	1				
F2.8	(OLD F1-2S) POWER DRIVE 5/8"			16	16				
F6.6	(OLD F6-1) TRIPLE HELIX ANCHOR			2	-				
H1.1	(OLD M2-11) GROUNDING ASSY GROUND ROD TYP			81	63				
K1.3	(OLD K14) SERVICE ASSY SQ CLEVIS POLE MOU			-	10				
K1.5	(OLD K15L) SERVICE ASSY THIMBLE EYE NUT			4	4				
L1.5	PRIMARY DEADEND TYING ASSY			1	-				
L2.5	NEUTRAL DEADEND TYING ASSY			1	-				
OWNER LOOP	OWNER SUPPLIED LOOP			-	2				
S1.01	(OLD M5-9) CUTOUT 15KV LB			12	13				
S1.1	(OLD M3-4) CUTOUT SINGLE PHASE			1	-				
UA1	SINGLE PHASE CABLE TERMINAL POLE			1	1				



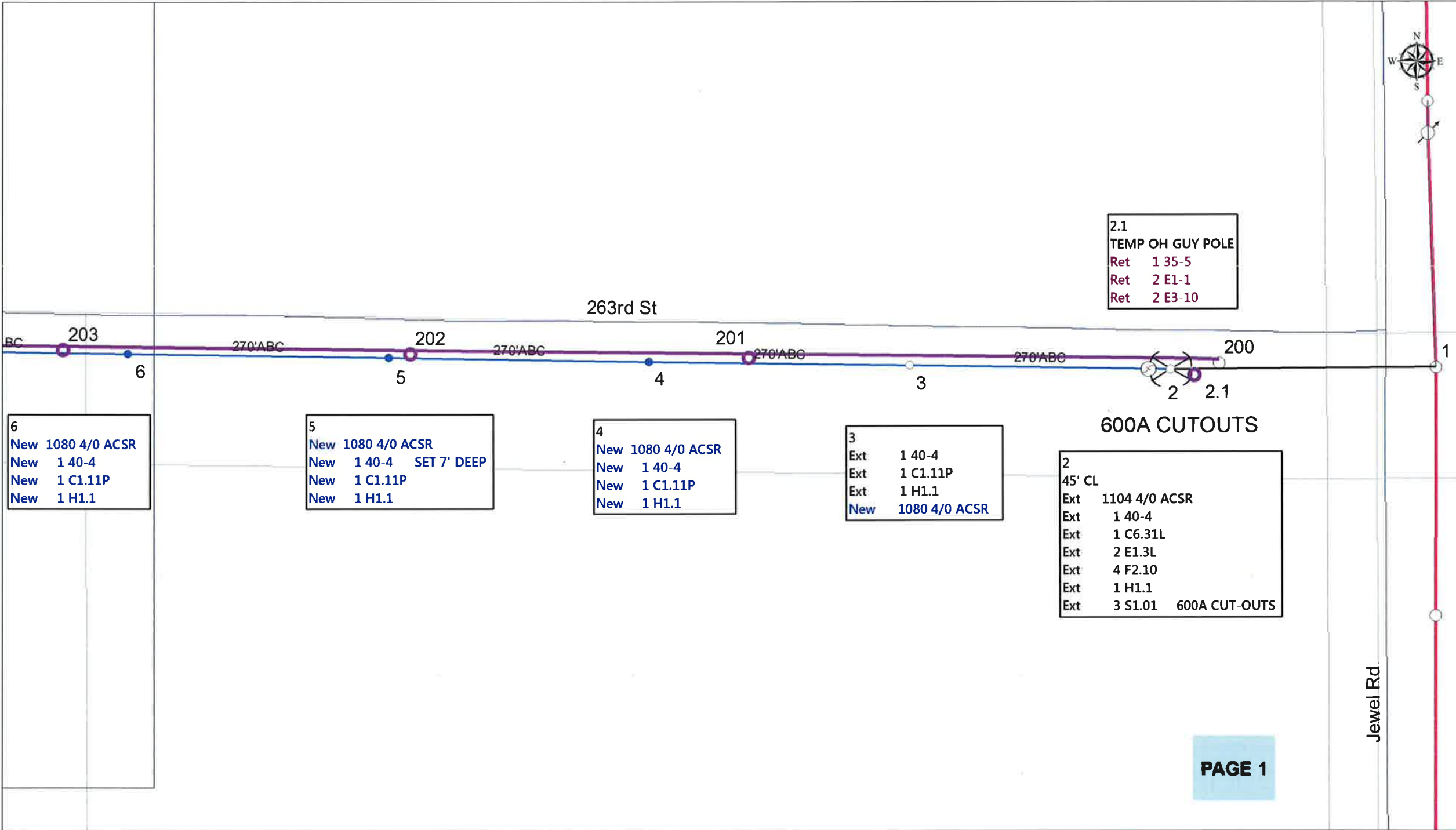
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Date:		Loan Ywr:	2014	Acct #:	
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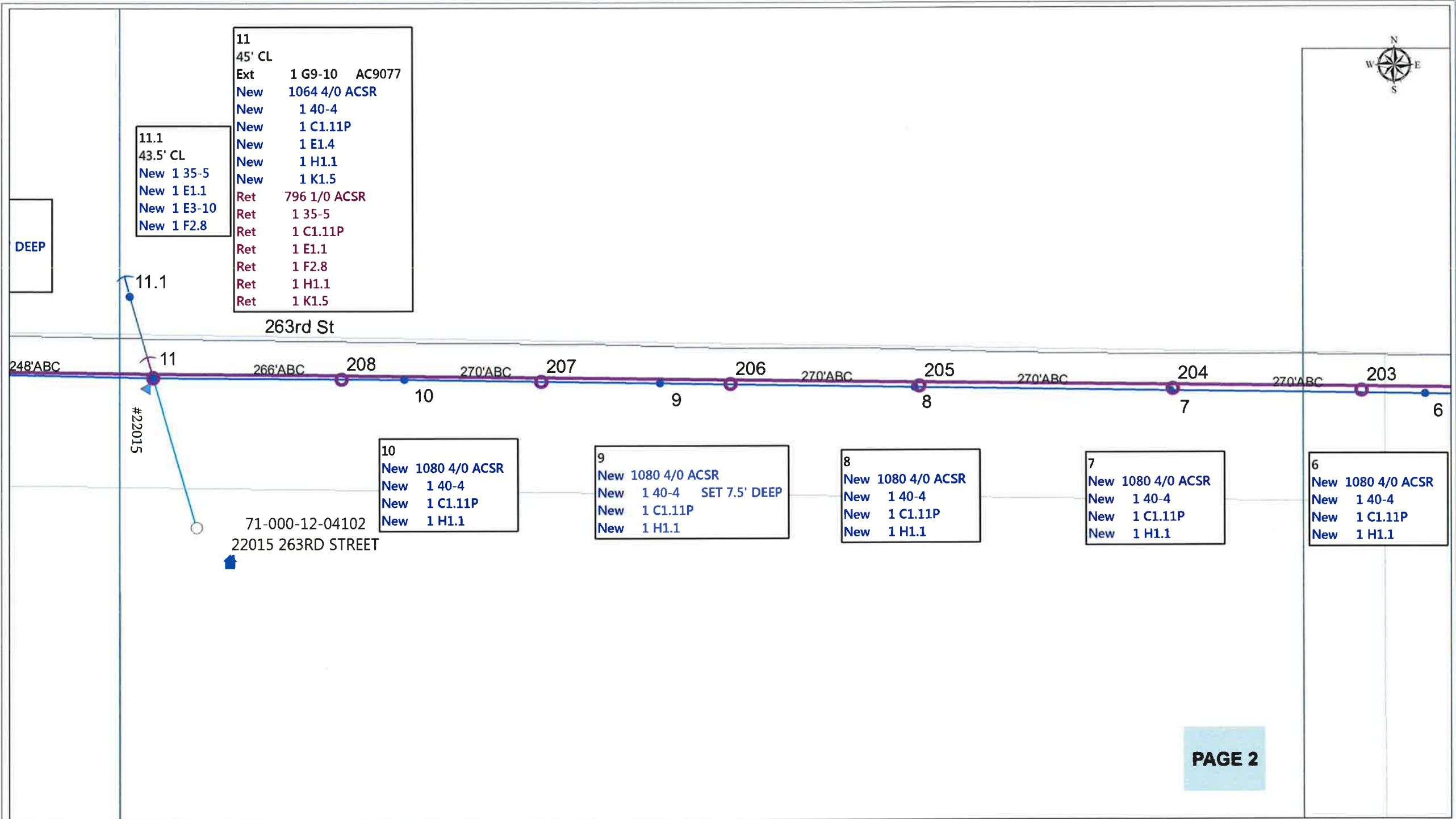
UA2	single phase cable dead term pole	-	1	1	
UB3	VEE-PHASE CABLE TERMINAL POLE (NO CUTOUT	1	1	1	
UM5	SECONDARY CABLE TERMINAL POLE RISER	2	1	1	
UM6-28-4	SPLICE 15KV TO 25KV	1	-	-	
UM6-29-16	SPLICE USE 600V UTILCO	8	-	-	
Y3.3	(OLD M9-13)THREE PHASE CAPACITOR ASSEMBL	-	1	1	
MAJOR MATERIAL ITEM SUMMARY					
Description	MAT ITEM ID	INST QTY	Installed	Returned	RET QTY Salvaged
CLAMP, BONDING	117002	27			23
CLAMP, DEAD END	117004	78			32
CLAMP, 3 BOLT GUY	117012	76			46
DEADEND, TRIPLEX	117014	4			4
CLEVIS, SQUARE	123002	1			7
SHACKLE, ANCHOR	123006	24			11
WIRE, 1/0 ACSR	150002	-			84668
WIRE, 4 ACSR	150006	3198			1918
WIRE, 4/0 ACSR	150008	84780			-
WIRE, 6-8 ACWC	150010	-			1438
ARRESTER, LIGHTNING (LINE)	15202	3			7
WIRE, 1/0 ALTX	160002	-			167
WIRE, 4 ALTX	160008	152			-
WIRE, 6 CUWP	160018	-			456
CLAMP, CONNECTOR	170002	264			188
CLAMP, GROUND ROD	170004	81			63
CLAMP, HOT LINE	170006	13			16
ARM, CROSS 8"	182002	94			86
ARM, CROSS 10"	182004	-			2
CUTOUT, SINGLE SHOT LB 15KV	183004	14			18
GUY ATTACHMENT	21002	20			23
GUY GUARD	293002	43			7
INS. POLE TOP 7.2KV	342004	4			66
INS. POST 15KV	342006	237			180
INS. SPOOL	342010	75			86
INS. SUSP 7.2KV	342012	49			16
NUT, EYE	429002	24			6
NUT, LOCK	429004	697			635
NUT, THIMBLE EYE	429006	11			4
PIN, X ARM 7.2KV	450002	-			40
PIN, P.T. 7.2KV	450004	4			26
STUD, POST INS. X ARM 14.4	450006	158			122
POLE, 30"	480002	-			1
POLE 35"	480004	10			67
POLE 40"	480006	71			15
POLE 45"	480008	8			-
ROD, PATENT ANCHOR	530002	-			4
ROD, POWER DRIVE	530004	47			17
rod, swamp anchor	530005	4			-
ROD, ARMOUR	530006	21			13
ROD, GROUND	530008	81			63
SCREWS, LAG	555002	27			57
U GUARD	576002	105			105
SPLICE, 15KV TO 25KV	607004	1			-
SPLICE, USE 600V UTILCO	607016	8			-
GRIPS, KELLEMS 25KV	630004	6			8
BOLT, CARRIAGE	63002	6			56

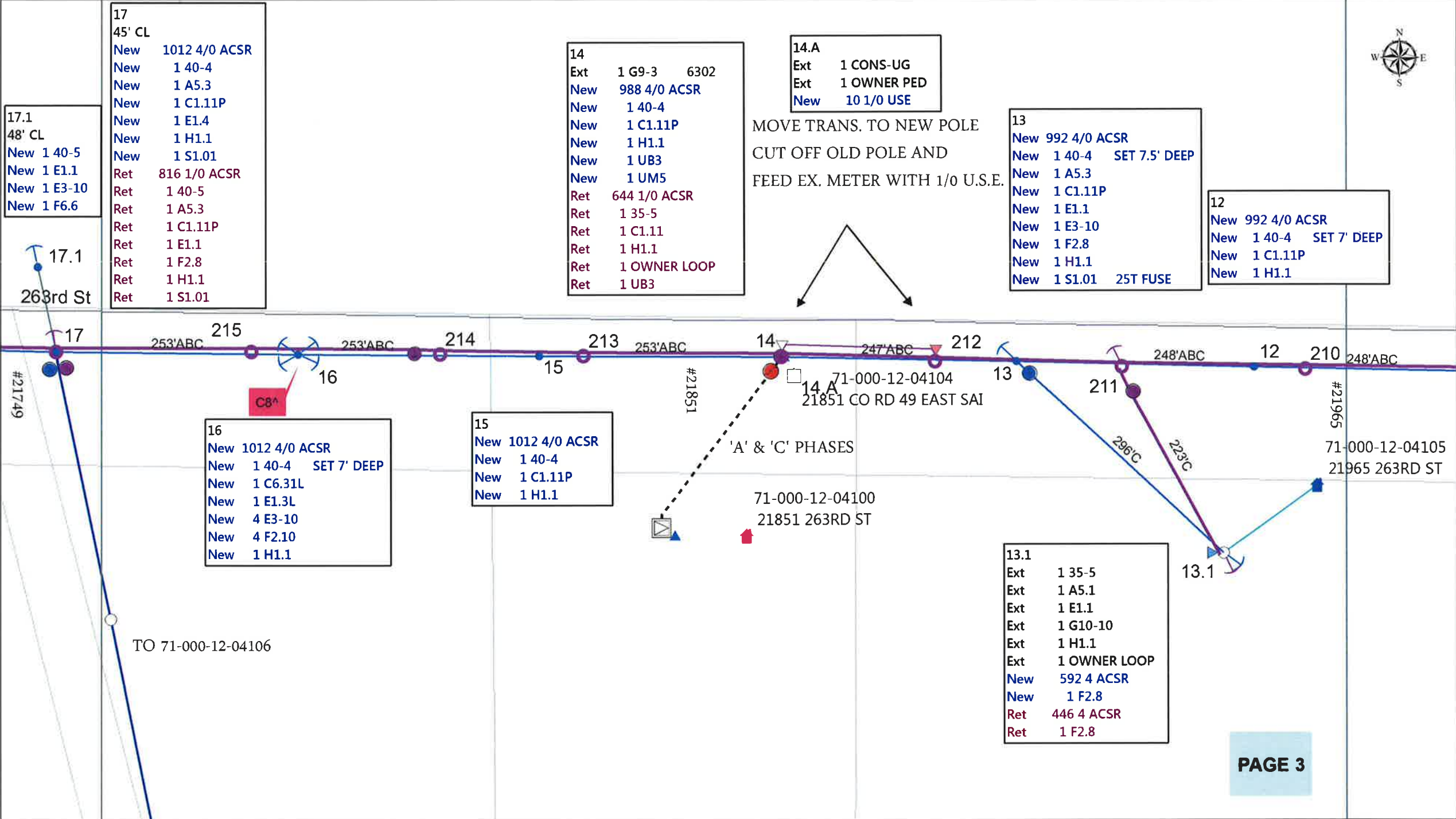


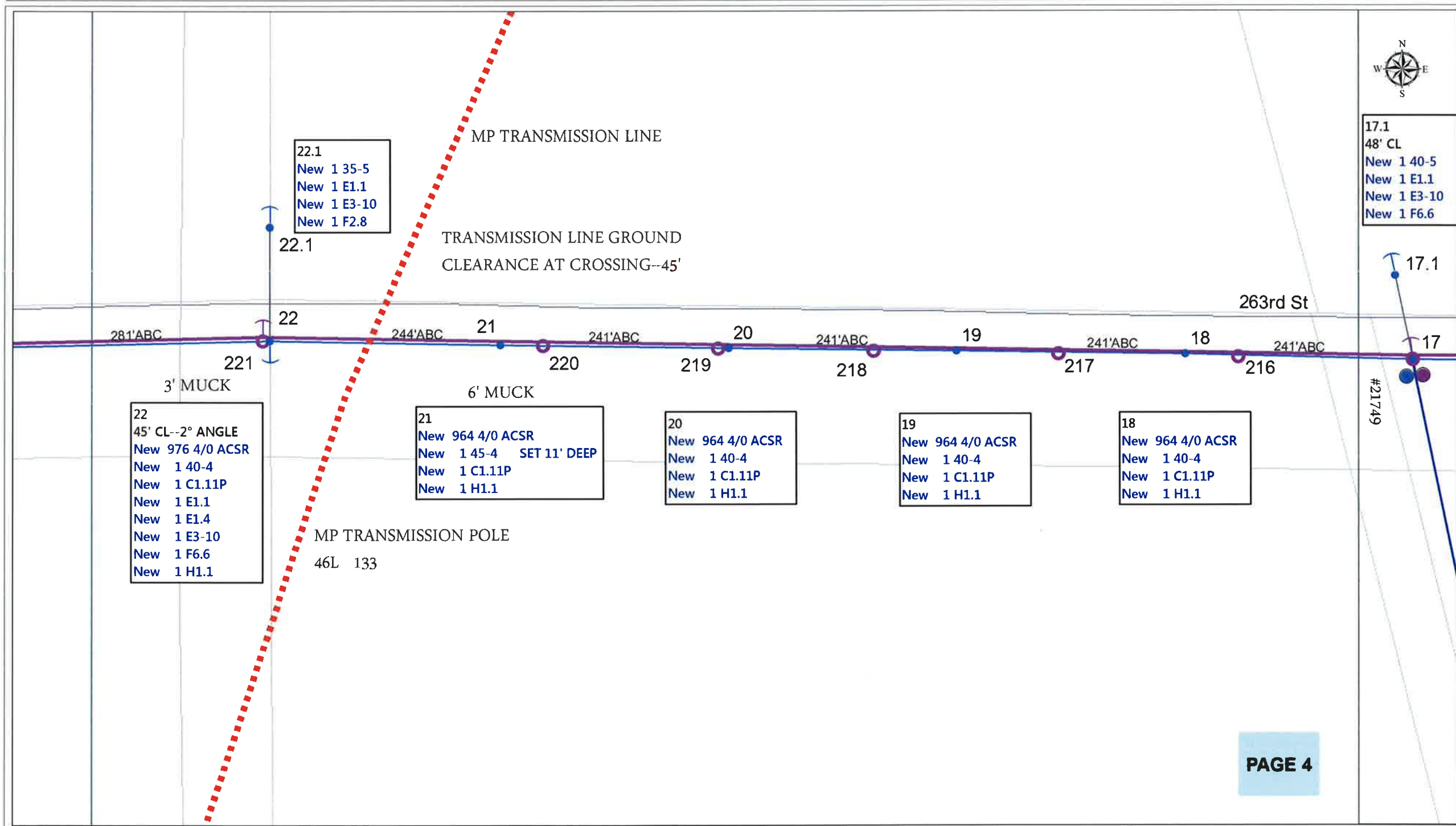
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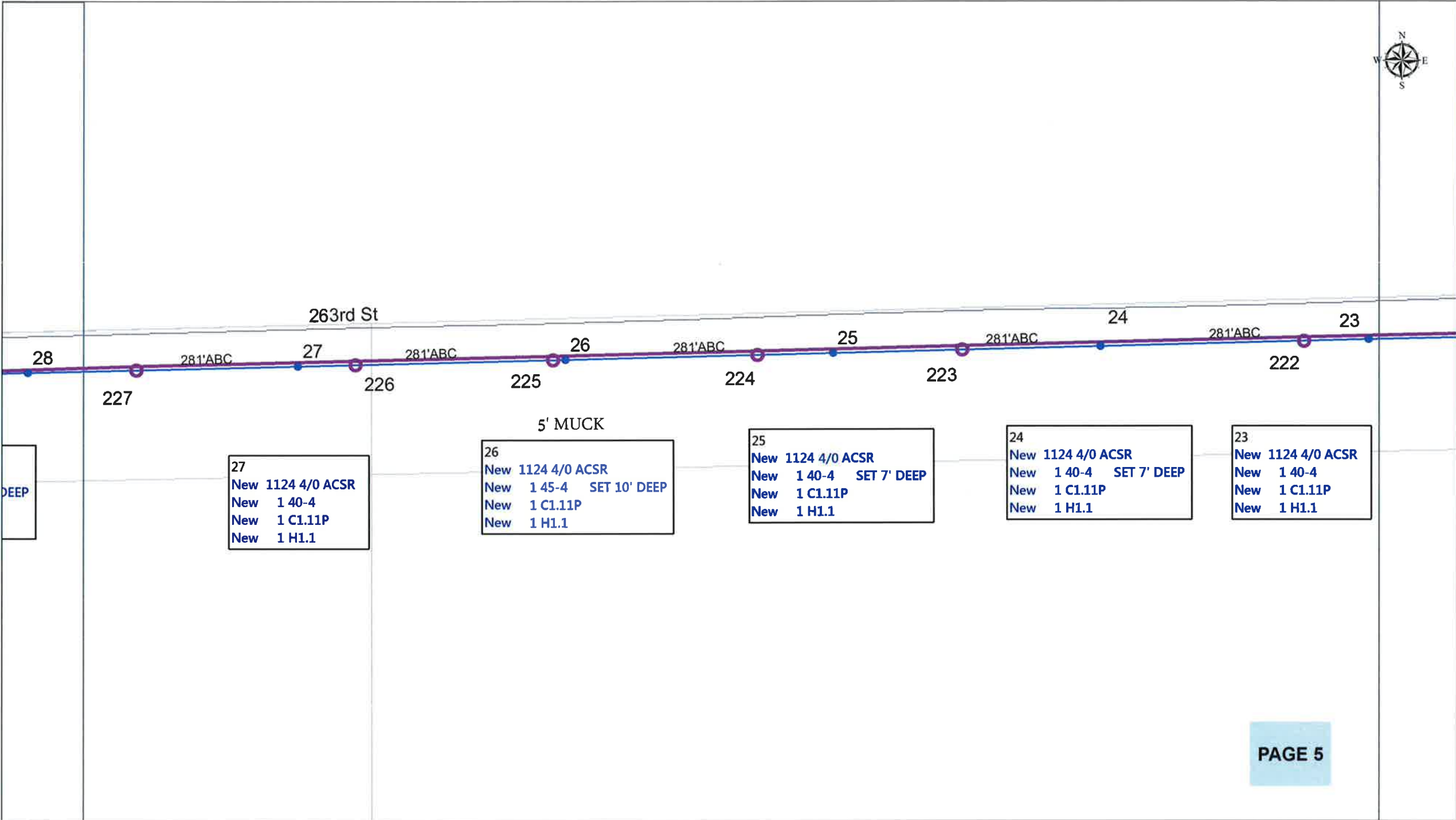
BOLT, DOUBLE ARMING	63004	33	18	
BOLT, EYE	63006	49	26	
BOLT, MACHINE 1/2"	63007	308	228	
BOLT, MACHINE 5/8"	63008	412	415	
BOLT, THIMBLE EYE	63010	7	-	
BOLT, UPSET	63012	74	79	
HEAT SHRINK, SMALL	667704	11	4	
HEAT SHRINK, LARGE	667706	1	-	
TERMINATOR AER 25KV 1/0 & 4/0	669104	3	4	
WRAPLOCK TIES	679002	275	303	
WASHERS, SQUARE	710002	950	927	
WASHERS, ROUND	710004	434	336	
WIRE, 4 STRANDED BARE CU	720004	82	135	
WIRE, 4-6 GROUND	720006	3063	2375	
WIRE, AL TIE 4-6-7	720008	246	150	
WIRE, 1/4" GUY	730002	-	60	
WIRE, 3/8" GUY	730004	1775	735	
BRACE, X ARM 28"	75002	6	56	
BRACE, X ARM 60"	75004	162	118	
BRACKET, POST INS. 14.4	78004	79	58	
STUD, POST INS. PT BRACKET 14.	78010	79	58	
BRACKET, CUTOUT (UPPER)	78012	3	3	
CABLE, USE 600V 1/0	90002	10	-	
CABLE, USE 4/0 QUAD	90003	40	10	
ANCHOR, PATENT	9002	-	4	
ANCHOR, POWER DRIVE	9006	47	17	
ANCHOR, SWAMP	9010	2	-	
CABLE, 15KV 1/0 SOLID (JACKET)220 MIL	91006	339	-	
CABLE, 25KV 1/0 SOLID (JACKET)	91014	-	31	

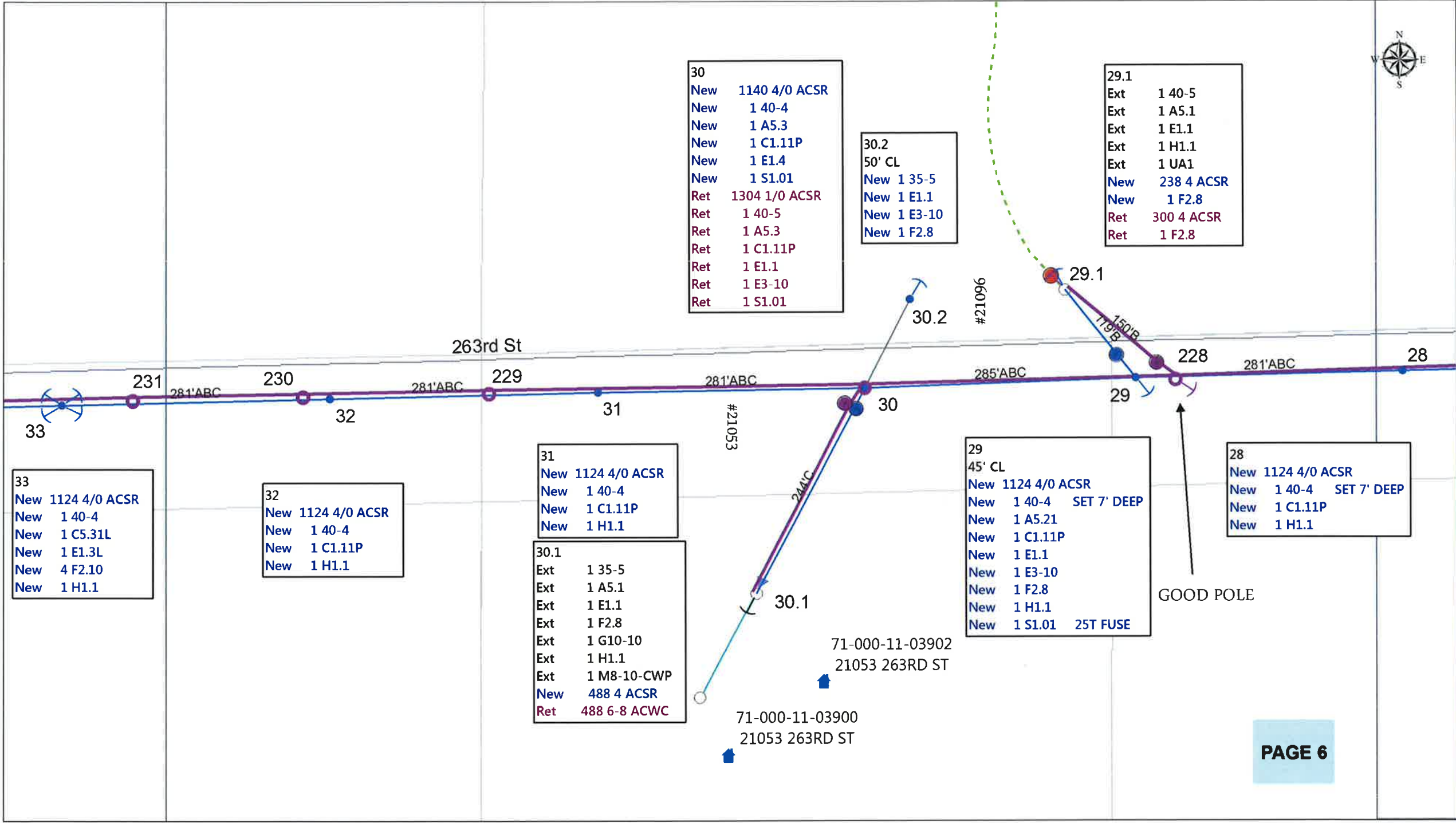


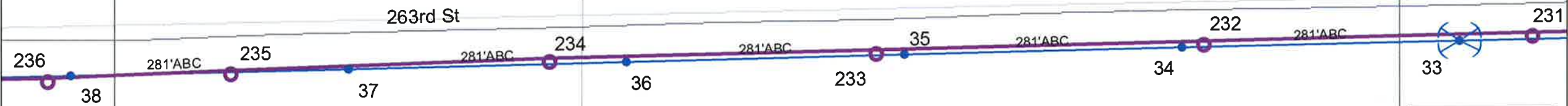












38
New 1124 4/0 ACSR
New 1 40-4
New 1 C1.11P
New 1 H1.1

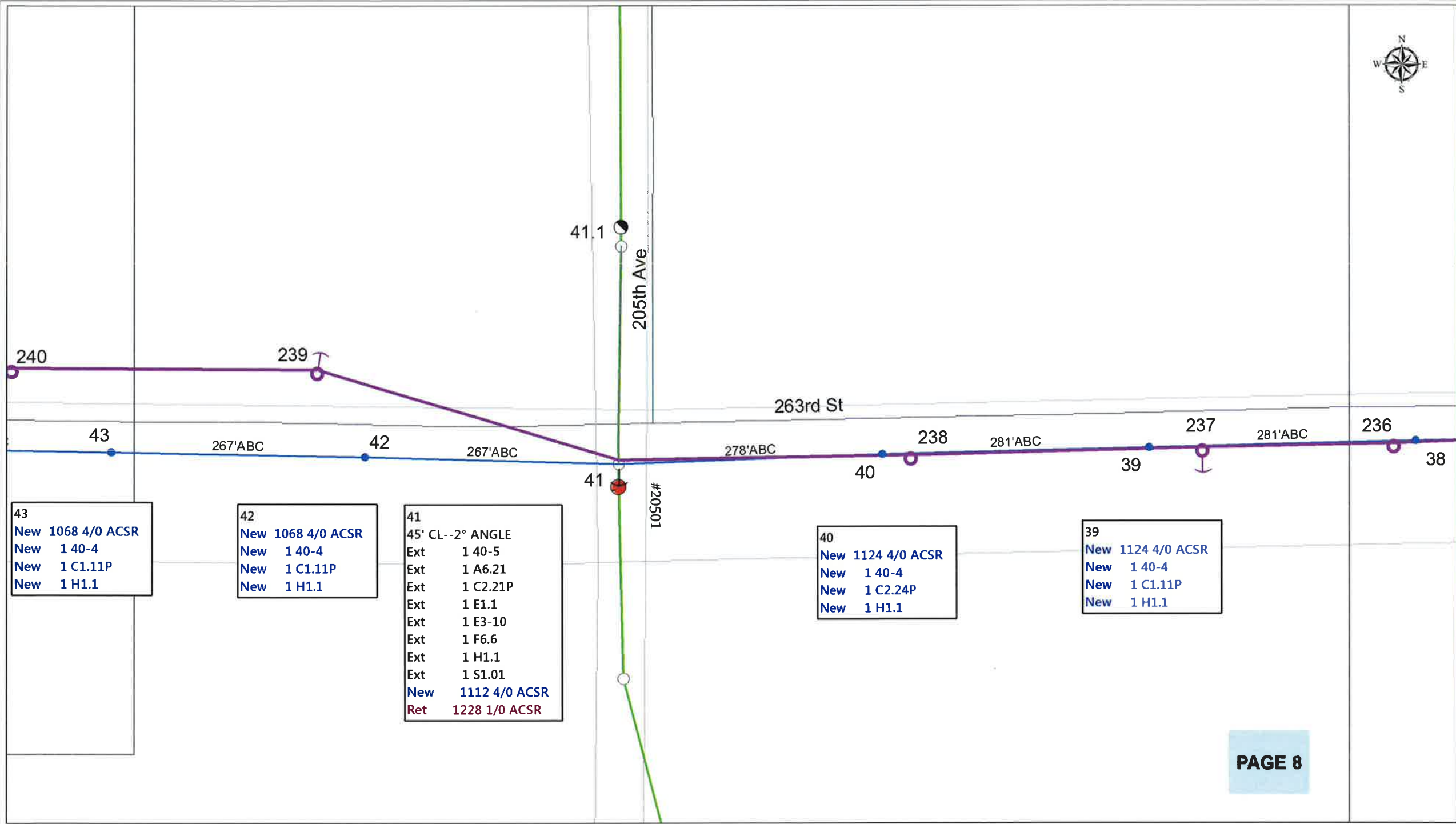
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New 1124 4/0 ACSR
New 1 40-4
New 1 C1.11P
New 1 H1.1

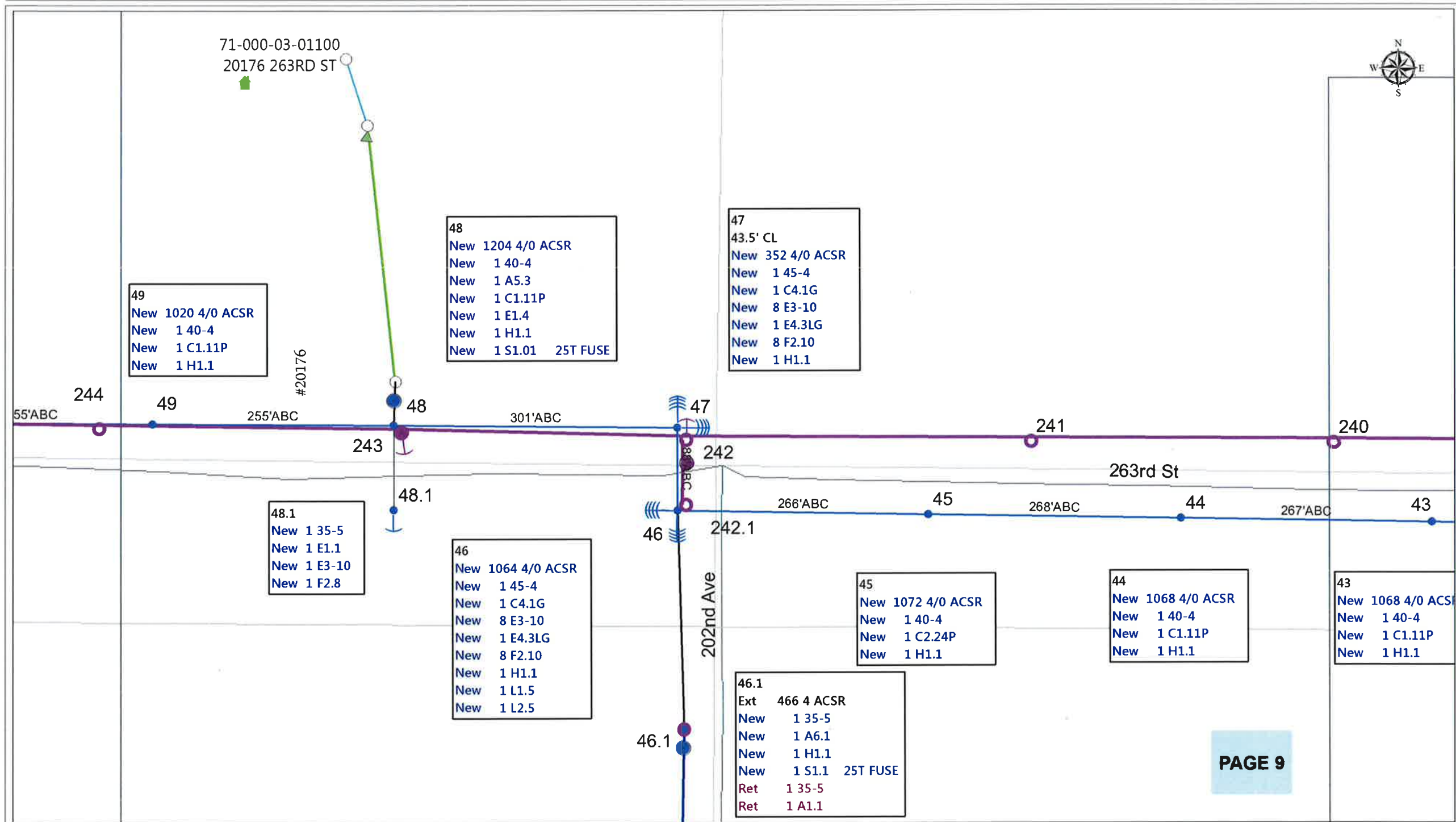
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New 1124 4/0 ACSR
New 1 40-4
New 1 C1.11P
New 1 H1.1

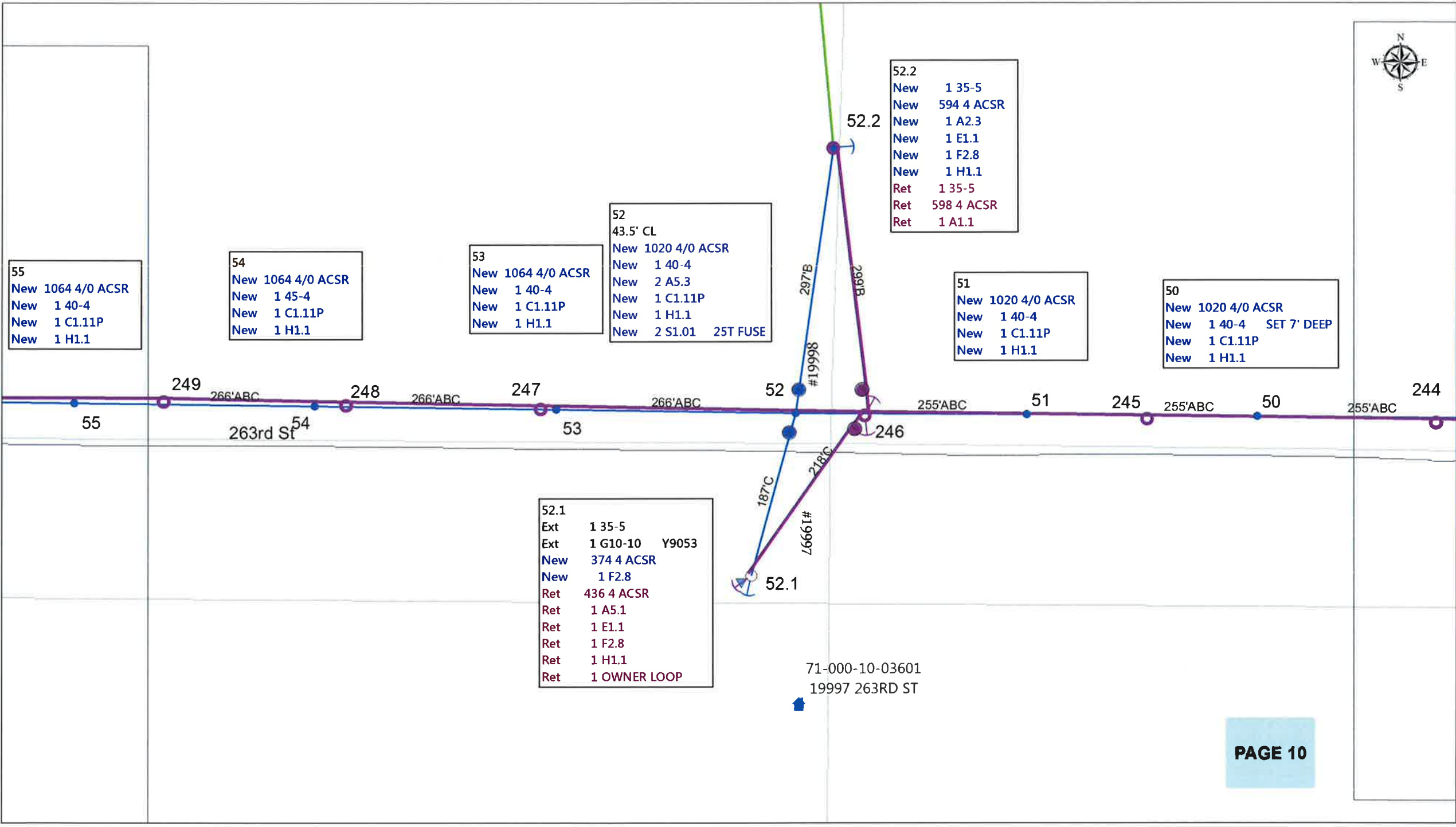
35
New 1124 4/0 ACSR
New 1 40-4
New 1 C1.11P
New 1 H1.1

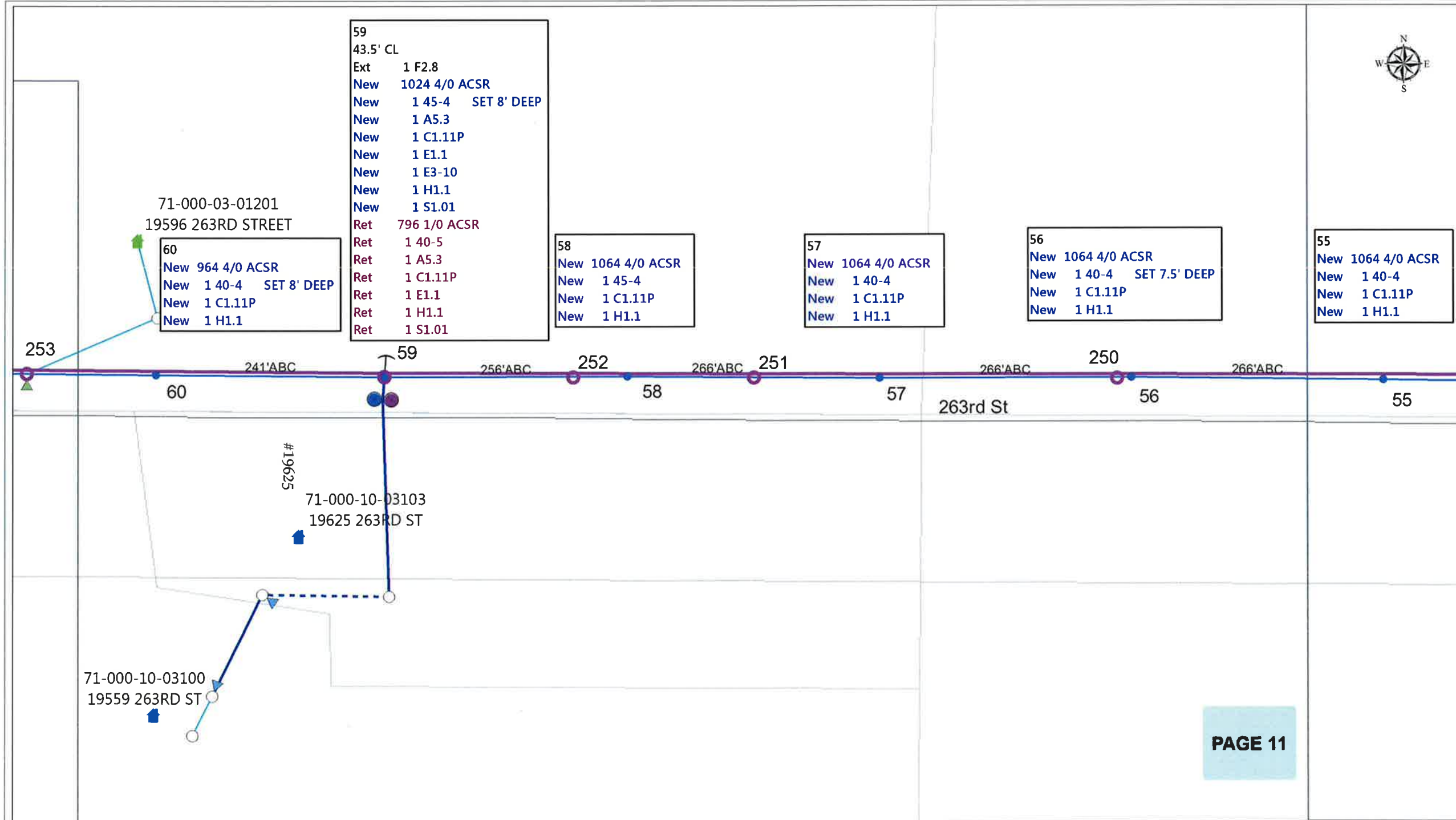
34
New 1124 4/0 ACSR
New 1 40-4
New 1 C1.11P
New 1 H1.1

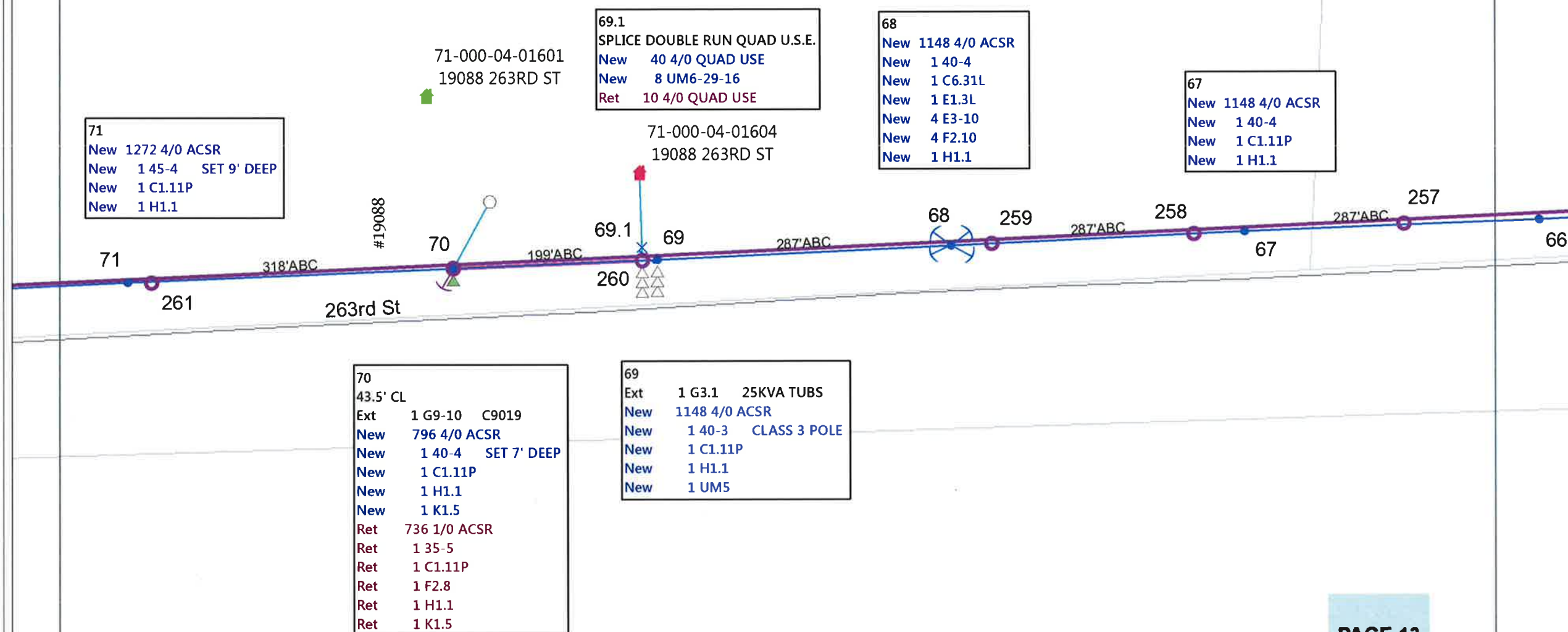
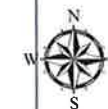
33
New 1124 4/0 ACSR
New 1 40-4
New 1 C5.31L
New 1 E1.3L
New 4 F2.10
New 1 H1.1

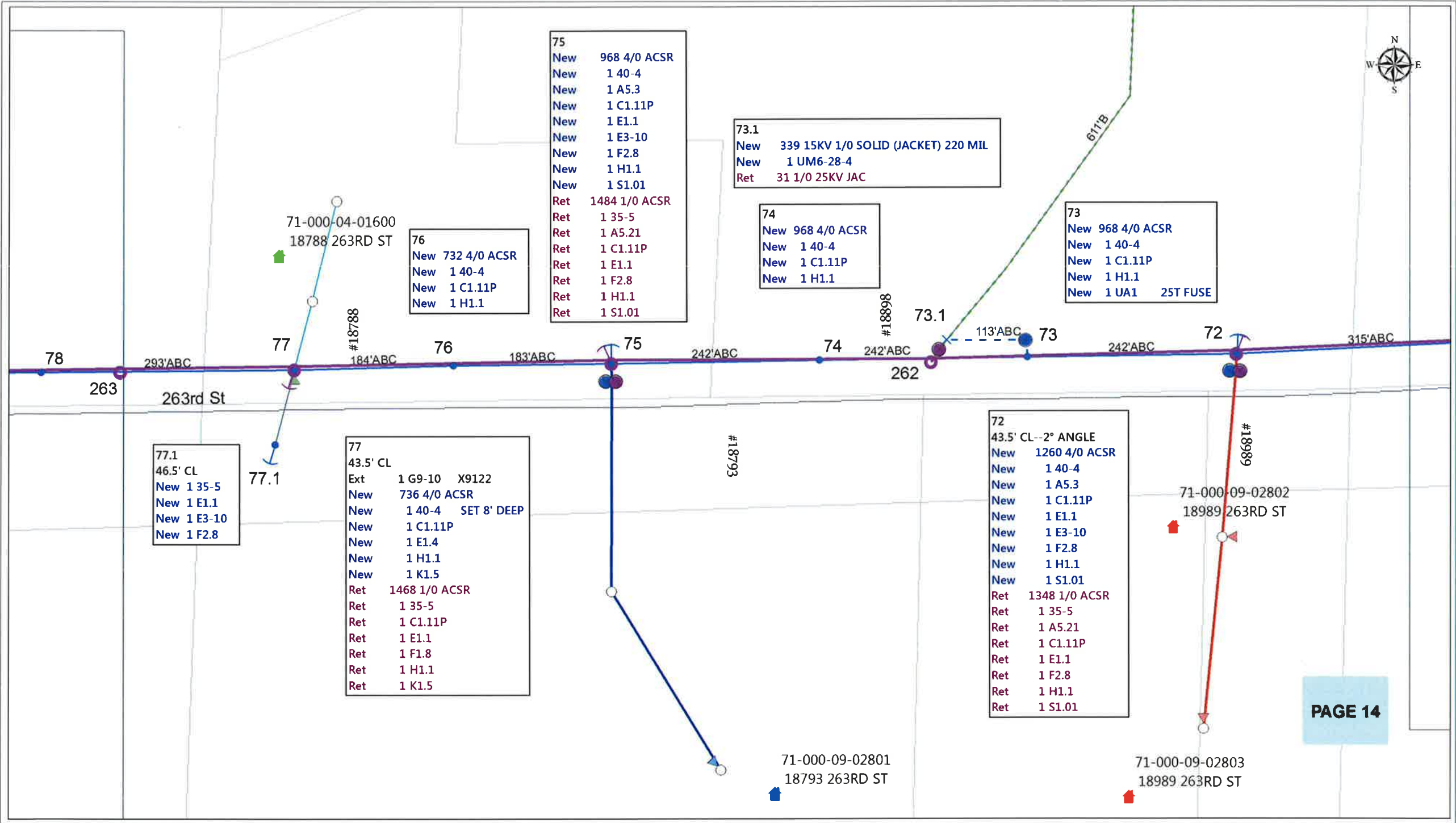














82
43.5' CL
New 1180 4/0 ACSR
New 1 40-4
New 1 C2.24P
New 1 C5.71L 10' HUGHES ARM
New 3 E3-10
New 3 F2.10
New 1 H1.1

81
2° ANGLE
New 1172 4/0 ACSR
New 1 40-4 SET 8' DEEP
New 1 C2.24P
New 1 H1.1

80
New 1172 4/0 ACSR
New 1 40-4 SET 7.5' DEEP
New 1 C1.11P
New 1 H1.1

79
New 1172 4/0 ACSR
New 1 40-4
New 1 C1.11P
New 1 H1.1

78
New 1172 4/0 ACSR
New 1 40-4
New 1 C1.11P
New 1 H1.1

