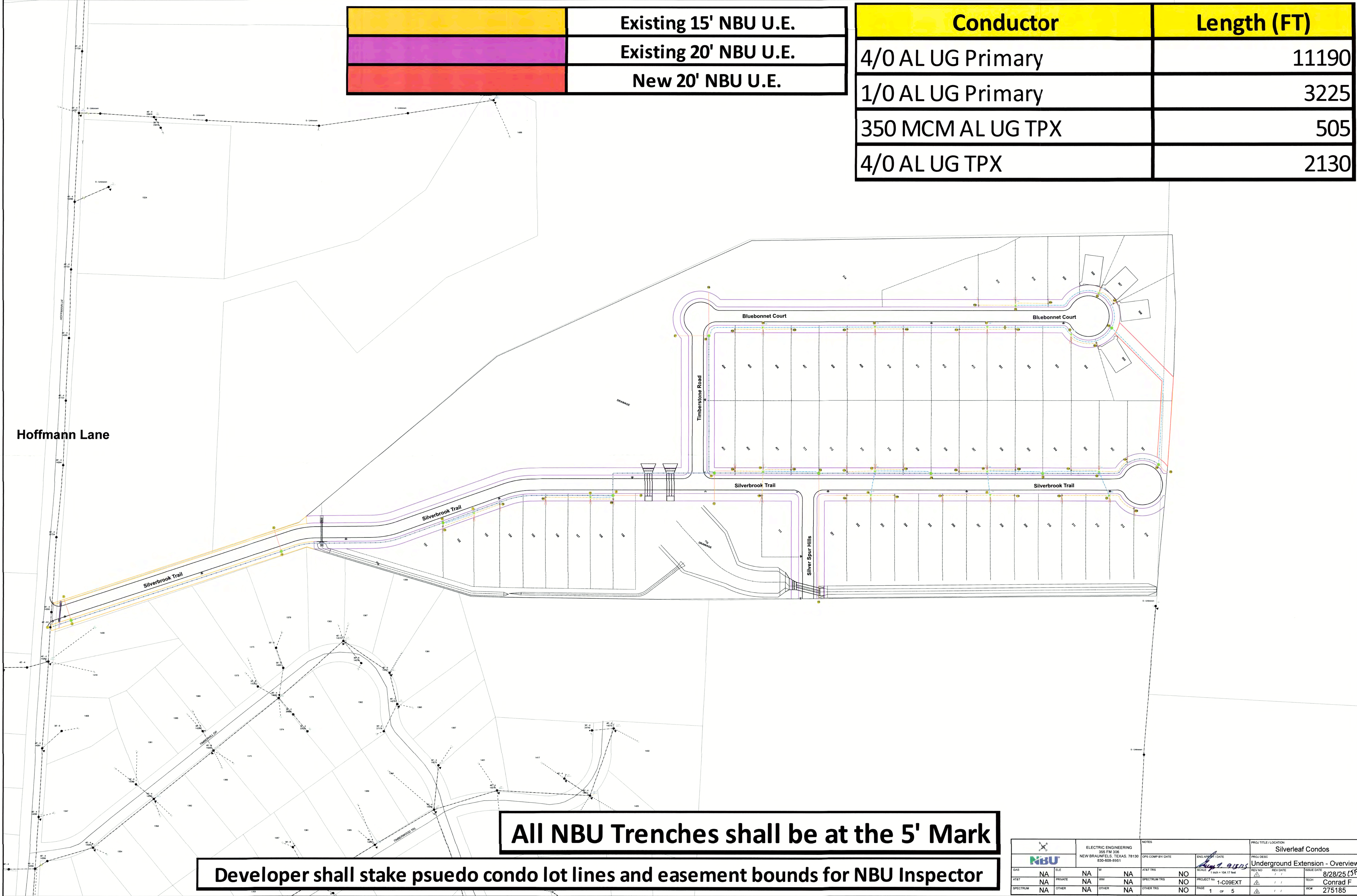
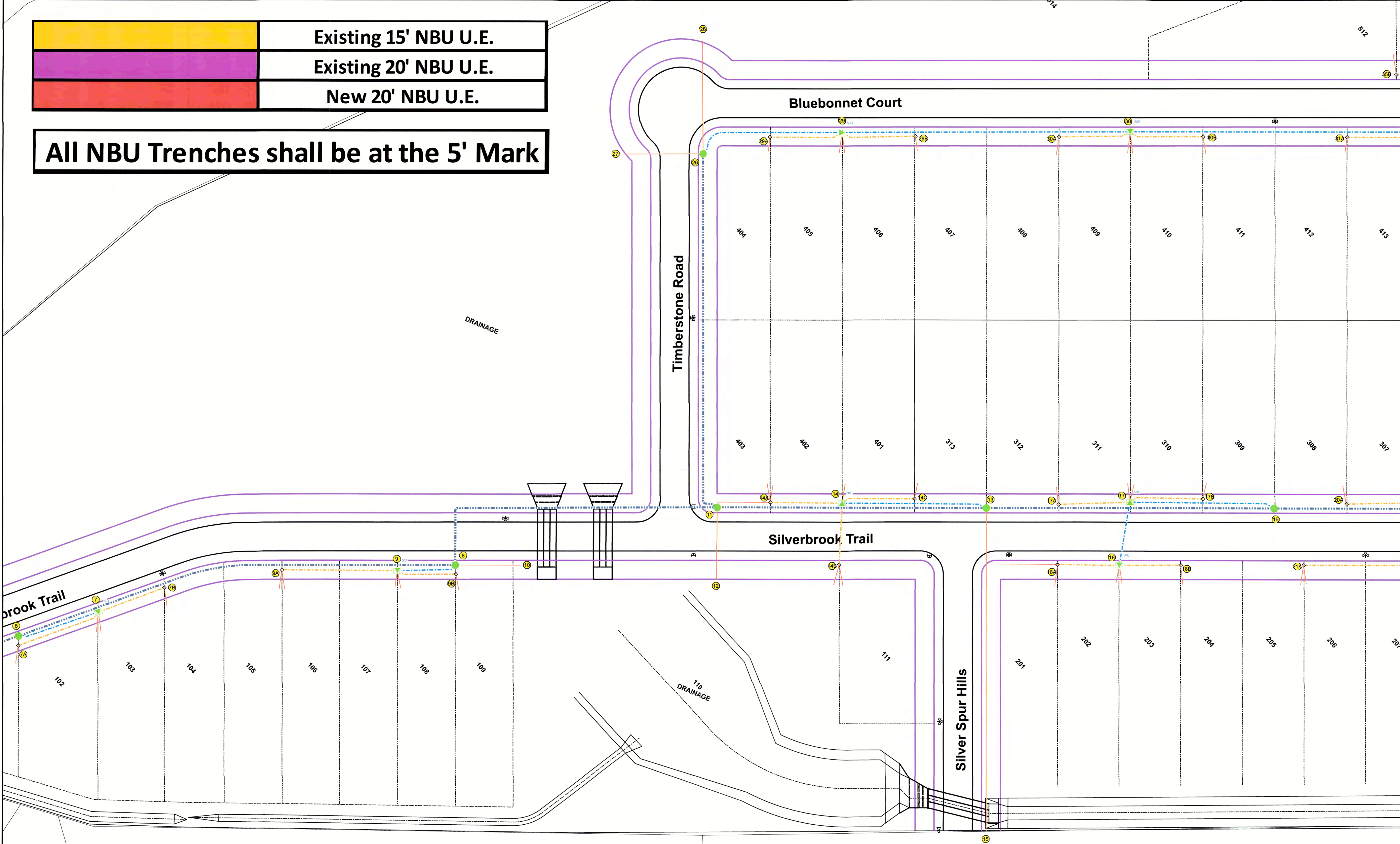




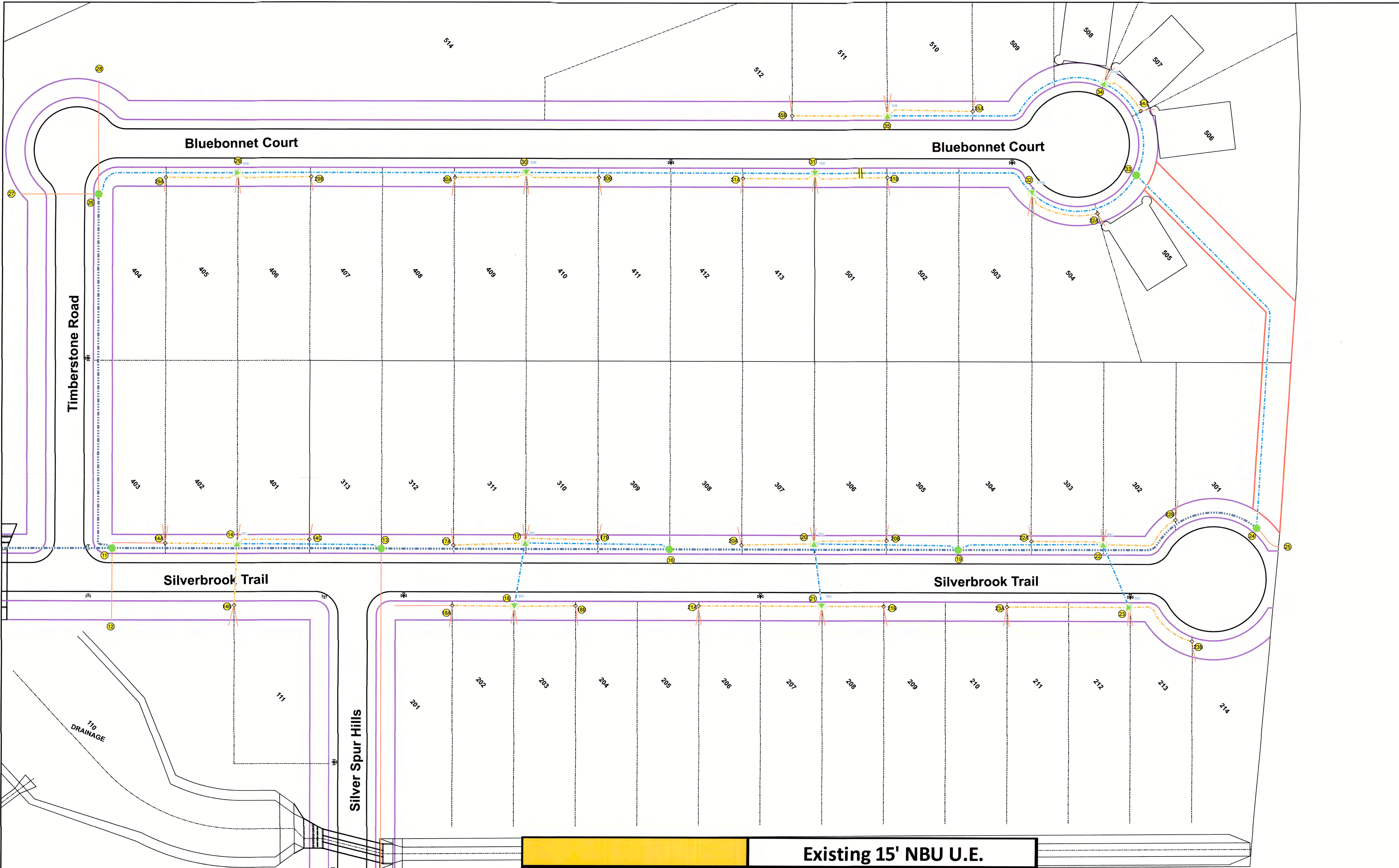
		ELECTRIC ENGINEERING 355 FM 3106 NEW BRAUNFELS, TEXAS 78130 830-608-8851		NOTES		PROJ. TITLE / LOCATION	
GAS		ELE		AT&T TRS		Underground Extension - Overview	
AT&T		PRIVATE		SPECTRUM TRS		REV. NO. / REV. DATE	
SPECTRUM		OTHER		OTHER TRS		TECH	
NA		NA		NO		8/28/25	
NA		NA		NO		Conrad F	
NA		NA		NO		275185	
NA		NA		NO		PAGE 1 of 5	

	Existing 15' NBU U.E.
	Existing 20' NBU U.E.
	New 20' NBU U.E.

All NBU Trenches shall be at the 5' Mark



 ELECTRIC ENGINEERING 355 FM 306 NEW BRAUNFELS, TEXAS 78130 830-608-8951				NOTES		PROJ TITLE / LOCATION			
				OPS COM BY DATE		ENG APP'D DATE		PROJ DESC	
						8/28/25		Silverleaf Condos	
						1"= 41.67'		Underground Extension	
GAS	ELE	NA	W	AT&T TRS	NO	SCALE	REV NO	REV DATE	ISSUE DATE
AT&T	NA	PRIVATE	NA	SPECTRUM TRS	NO	PROJECT NO	1	1	8/28/25
SPECTRUM	NA	OTHER	NA	OTHER TRS	NO	PROJECT NO	1	1	CONRAD F
				PAGE		3 OF 5		275185	



All NBU Trenches shall be at the 5' Mark

	Existing 15' NBU U.E.
	Existing 20' NBU U.E.
	New 20' NBU U.E.

		ELECTRIC ENGINEERING 305 FM 300 NEW BRAUNFELS, TEXAS 78130 830-608-9951		NOTES DATE: 8/28/25		PROJECT TITLE / LOCATION Silverleaf Condos	
GAS		ELECTRIC		DATE: 8/28/25		PROJECT NO.	
AT&T		PRIVATE		DATE: 8/28/25		PROJECT NO.	
SPECTRUM		OTHER		DATE: 8/28/25		PROJECT NO.	
						PAGE 4 OF 5	
						CONRAD F	
						275185	

WLF#	WORK FUNCTION	INSTRUCTION
1	NBU Install	3" Three Phase Primary Riser (55 FT) 4/0 AL UG 3φ Primary to WL #2 (3) 50A T Type Fuses in 100A Fuse Cutouts
	NBU Note	Pole Installed with WD #275189
	Contractor Install	(3) 3" Primary UG Conduits to WL #2 (per NBU spec EU-910) Stub up to riser pole (per NBU spec EU-800)
2	NBU Install	Three Place 3φ Primary Pullbox (600 FT) 4/0 AL UG 3φ Primary to WL #4
	Contractor Install	Three Place 3φ Primary Pullbox Foundation (per NBU spec EU-315) (3) 3" Primary UG Conduits to WL #3 (per NBU spec EU-910) (3) 3" Primary UG Conduits to WL #4 (per NBU spec EU-910)
	Contractor Install	Turn up conduits and cap
4	NBU Install	Three Place 3φ Primary Pullbox (450 FT) 4/0 AL UG 3φ Primary to WL #6
	Contractor Install	Three Place 3φ Primary Pullbox Foundation (per NBU spec EU-315) (3) 3" Primary UG Conduits to WL #5 (per NBU spec EU-910) (3) 3" Primary UG Conduits to WL #6 (per NBU spec EU-910)
	Contractor Install	Turn up conduits and cap
6	NBU Install	Three Place 3φ Primary Pullbox (475 FT) 4/0 AL UG 3φ Primary to WL #8 (90 FT) 1/0 AL UG 1φ Primary to WL #7 (Aφ)
	Contractor Install	Three Place 3φ Primary Pullbox Foundation (per NBU spec EU-315) (1) 3" Primary UG Conduit to WL #7 (Aφ, per NBU spec EU-910) (3) 3" Primary UG Conduits to WL #8 (per NBU spec EU-910)
	Contractor Install	50 KVA 120/240V 1φ Padmount Transformer (Aφ) (1) Arrestor Elbow (90 FT) 4/0 AL UG TPX to WL #7A (Aφ) (90 FT) 4/0 AL UG TPX to WL #7B (Aφ)
7	Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec EU-530) (1) 3" Secondary UG Conduit to WL #7A (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #7B (per NBU spec EU-910) (2) 3" Secondary UG Conduit Stubouts (per NBU spec EU-910)
	7A	Contractor Install
	7B	Contractor Install
8	NBU Install	Four Place 3φ Primary Pullbox (335 FT) 4/0 AL UG 3φ Primary to WL #11 (60 FT) 1/0 AL UG 1φ Primary to WL #9 (Aφ)
	Contractor Install	Four Place 3φ Primary Pullbox Foundation (per NBU spec EU-310) (1) 3" Primary UG Conduit to WL #9 (Aφ, per NBU spec EU-910) (3) 3" Primary UG Conduits to WL #10 (per NBU spec EU-910) (3) 3" Primary UG Conduits to WL #11 (per NBU spec EU-910)
	Contractor Install	50 KVA 120/240V 1φ Padmount Transformer (Aφ) (1) Arrestor Elbow (130 FT) 350 MCM AL UG TPX to WL #9A (Aφ) (60 FT) 4/0 AL UG TPX to WL #9B (Aφ)
9	Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec EU-530) (1) 3" Secondary UG Conduit to WL #9A (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #9B (per NBU spec EU-910) (2) 3" Secondary UG Conduit Stubouts (per NBU spec EU-910)
	9A	Contractor Install
	9B	Contractor Install
10	Contractor Install	Turn up conduits and cap
	NBU Install	Four Place 3φ Primary Pullbox (285 FT) 4/0 AL UG 3φ Primary to WL #13 (385 FT) 4/0 AL UG 3φ Primary to WL #26
	Contractor Install	Four Place 3φ Primary Pullbox Foundation (per NBU spec EU-310) (3) 3" Primary UG Conduits to WL #12 (per NBU spec EU-910) (3) 3" Primary UG Conduits to WL #13 (per NBU spec EU-910) (3) 3" Primary UG Conduits to WL #26 (per NBU spec EU-910)
12	Contractor Install	Turn up conduits and cap
	NBU Install	Four Place 3φ Primary Pullbox (305 FT) 4/0 AL UG 3φ Primary to WL #16 (155 FT) 1/0 AL UG 1φ Primary to WL #14 (Cφ)
	Contractor Install	Four Place 3φ Primary Pullbox Foundation (per NBU spec EU-310) (1) 3" Primary UG Conduit to WL #14 (Cφ, per NBU spec EU-910) (3) 3" Primary UG Conduits to WL #15 (per NBU spec EU-910) (3) 3" Primary UG Conduits to WL #16 (per NBU spec EU-910)
14	NBU Install	50 KVA 120/240V 1φ Padmount Transformer (Cφ) (1) Arrestor Elbow (75 FT) 350 MCM AL UG TPX to WL #14A (Cφ) (60 FT) 4/0 AL UG TPX to WL #14B (Cφ) (75 FT) 4/0 AL UG TPX to WL #14C (Cφ)
	Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec EU-530) (1) 3" Secondary UG Conduit to WL #14A (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #14B (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #14C (per NBU spec EU-910) (1) 3" Secondary UG Conduit Stubout (per NBU spec EU-910)
	Contractor Install	Secondary Pullbox (per NBU spec EU-210) (3) 3" Secondary UG Conduit Stubouts (per NBU spec EU-910)
14A	Contractor Install	
14B	Contractor Install	
14C	Contractor Install	
15	Contractor Install	
16	NBU Install	Three Place 3φ Primary Pullbox (305 FT) 4/0 AL UG 3φ Primary to WL #19 (155 FT) 1/0 AL UG 1φ Primary to WL #17 (Cφ)
	Contractor Install	Three Place 3φ Primary Pullbox Foundation (per NBU spec EU-315) (1) 3" Primary UG Conduit to WL #17 (Cφ, per NBU spec EU-910) (3) 3" Primary UG Conduits to WL #19 (per NBU spec EU-910)

WLF#	WORK FUNCTION	INSTRUCTION
17	NBU Install	50 KVA 120/240V 1φ Padmount Transformer (Cφ) (60 FT) 1/0 AL UG 1φ Primary to WL #18 (Cφ) (75 FT) 4/0 AL UG TPX to WL #17A (Cφ) (75 FT) 4/0 AL UG TPX to WL #17B (Cφ)
	Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec EU-530) (1) 3" Primary UG Conduit to WL #18 (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #17A (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #17B (per NBU spec EU-910) (2) 3" Secondary UG Conduit Stubouts (per NBU spec EU-910)
	Contractor Install	Secondary Pullbox (per NBU spec EU-210) (1) 3" Secondary UG Conduit Stubout (per NBU spec EU-910)
17A	Contractor Install	
17B	Contractor Install	
18	NBU Install	50 KVA 120/240V 1φ Padmount Transformer (Cφ) (1) Arrestor Elbow (65 FT) 4/0 AL UG TPX to WL #18A (Cφ) (65 FT) 4/0 AL UG TPX to WL #18B (Cφ)
	Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec EU-530) (1) 3" Secondary UG Conduit to WL #18A (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #18B (per NBU spec EU-910) (2) 3" Secondary UG Conduit Stubouts (per NBU spec EU-910)
	Contractor Install	Secondary Pullbox (per NBU spec EU-210) (2) 3" Secondary UG Conduit Stubouts (per NBU spec EU-910)
18A	Contractor Install	
18B	Contractor Install	
19	NBU Install	Three Place 3φ Primary Pullbox (335 FT) 4/0 AL UG 3φ Primary to WL #24 (155 FT) 1/0 AL UG 1φ Primary to WL #20 (Aφ) (155 FT) 1/0 AL UG 1φ Primary to WL #22 (Cφ)
	Contractor Install	Three Place 3φ Primary Pullbox Foundation (per NBU spec EU-315) (1) 3" Primary UG Conduit to WL #20 (Aφ, per NBU spec EU-910) (1) 3" Primary UG Conduit to WL #22 (Cφ, per NBU spec EU-910) (3) 3" Primary UG Conduits to WL #24 (per NBU spec EU-910)
	Contractor Install	50 KVA 120/240V 1φ Padmount Transformer (Aφ) (60 FT) 1/0 AL UG 1φ Primary to WL #21 (Aφ) (75 FT) 4/0 AL UG TPX to WL #20A (Aφ) (75 FT) 4/0 AL UG TPX to WL #20B (Aφ)
20	Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec EU-530) (1) 3" Primary UG Conduit to WL #21 (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #20A (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #20B (per NBU spec EU-910) (2) 3" Secondary UG Conduit Stubouts (per NBU spec EU-910)
	20A	Contractor Install
	20B	Contractor Install
21	NBU Install	50 KVA 120/240V 1φ Padmount Transformer (Aφ) (1) Arrestor Elbow (130 FT) 350 MCM AL UG TPX to WL #21A (Aφ) (65 FT) 4/0 AL UG TPX to WL #21B (Aφ)
	Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec EU-530) (1) 3" Secondary UG Conduit to WL #21A (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #21B (per NBU spec EU-910) (2) 3" Secondary UG Conduit Stubouts (per NBU spec EU-910)
	Contractor Install	Secondary Pullbox (per NBU spec EU-210) (2) 3" Secondary UG Conduit Stubouts (per NBU spec EU-910)
21A	Contractor Install	
21B	Contractor Install	
22	NBU Install	50 KVA 120/240V 1φ Padmount Transformer (Cφ) (65 FT) 1/0 AL UG 1φ Primary to WL #23 (Cφ) (75 FT) 4/0 AL UG TPX to WL #22A (Cφ) (90 FT) 4/0 AL UG TPX to WL #22B (Cφ)
	Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec EU-530) (1) 3" Primary UG Conduit to WL #23 (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #22A (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #22B (per NBU spec EU-910) (2) 3" Secondary UG Conduit Stubouts (per NBU spec EU-910)
	Contractor Install	Secondary Pullbox (per NBU spec EU-210) (1) 3" Secondary UG Conduit Stubout (per NBU spec EU-910)
22A	Contractor Install	
22B	Contractor Install	
23	NBU Install	50 KVA 120/240V 1φ Padmount Transformer (Cφ) (1) Arrestor Elbow (130 FT) 350 MCM AL UG TPX to WL #23A (Cφ) (90 FT) 4/0 AL UG TPX to WL #23B (Cφ)
	NBU Inspector Note	Rotate Transformer 90 Degrees for Fire Hydrant
	Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec EU-530); rotate 90 degrees (1) 3" Secondary UG Conduit to WL #23A (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #23B (per NBU spec EU-910) (2) 3" Secondary UG Conduit Stubouts (per NBU spec EU-910)
23A	Contractor Install	
23B	Contractor Install	
24	NBU Install	Three Place 3φ Primary Pullbox (430 FT) 1/0 AL UG 1φ Primary to WL #33 (Bφ) (3) Arrestor Elbows
	Contractor Install	Three Place 3φ Primary Pullbox Foundation (per NBU spec EU-315) (3) 3" Primary UG Conduits to WL #25 (per NBU spec EU-910) (1) 3" Primary UG Conduit to WL #33 (Bφ, per NBU spec EU-910)
	Contractor Install	Turn up conduits and cap
25	Contractor Install	
26	NBU Install	Four Place 3φ Primary Pullbox (160 FT) 1/0 AL UG 1φ Primary to WL #29 (Bφ) (3) Arrestor Elbows
	Contractor Install	Four Place 3φ Primary Pullbox Foundation (per NBU spec EU-310) (3) 3" Primary UG Conduits to WL #27 (per NBU spec EU-910) (3) 3" Primary UG Conduits to WL #28 (per NBU spec EU-910) (1) 3" Primary UG Conduit to WL #29 (Bφ, per NBU spec EU-910)

WLF#	WORK FUNCTION	INSTRUCTION
27	Contractor Install	Turn up conduits and cap
28	Contractor Install	Turn up conduits and cap
29	NBU Install	50 KVA 120/240V 1φ Padmount Transformer (Bφ) (305 FT) 1/0 AL UG 1φ Primary to WL #30 (Bφ) (75 FT) 4/0 AL UG TPX to WL #29A (Bφ) (75 FT) 4/0 AL UG TPX to WL #29B (Bφ)
	NBU Inspector Note	Rotate Transformer 90 Degrees for Fire Hydrant
	Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec EU-530); rotate 90 degrees (1) 3" Primary UG Conduit to WL #30 (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #29A (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #29B (per NBU spec EU-910) (2) 3" Secondary UG Conduit Stubouts (per NBU spec EU-910)
29A	Contractor Install	
29B	Contractor Install	
30	NBU Install	50 KVA 120/240V 1φ Padmount Transformer (Bφ) (305 FT) 1/0 AL UG 1φ Primary to WL #31 (Bφ) (75 FT) 4/0 AL UG TPX to WL #30A (Bφ) (75 FT) 4/0 AL UG TPX to WL #30B (Bφ)
	Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec EU-530) (1) 3" Primary UG Conduit to WL #31 (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #30A (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #30B (per NBU spec EU-910) (2) 3" Secondary UG Conduit Stubouts (per NBU spec EU-910)
	Contractor Install	Secondary Pullbox (per NBU spec EU-210) (1) 3" Secondary UG Conduit Stubout (per NBU spec EU-910)
30A	Contractor Install	
30B	Contractor Install	
31	NBU Install	50 KVA 120/240V 1φ Padmount Transformer (Bφ) (240 FT) 1/0 AL UG 1φ Primary to WL #32 (Bφ) (75 FT) 4/0 AL UG TPX to WL #31A (Bφ) (75 FT) 4/0 AL UG TPX to WL #31B (Bφ) Primary Open Point
	Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec EU-530) (1) 3" Primary UG Conduit to WL #32 (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #31A (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #31B (per NBU spec EU-910) (2) 3" Secondary UG Conduit Stubouts (per NBU spec EU-910)
	Contractor Install	Secondary Pullbox (per NBU spec EU-210) (1) 3" Secondary UG Conduit Stubout (per NBU spec EU-910)
31A	Contractor Install	
31B	Contractor Install	
32	NBU Install	37.5 KVA 120/240V 1φ Padmount Transformer (Bφ) (130 FT) 1/0 AL UG 1φ Primary to WL #33 (Bφ) (75 FT) 4/0 AL UG TPX to WL #32A (Bφ)
	Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec EU-530) (1) 3" Primary UG Conduit to WL #33 (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #32A (per NBU spec EU-910) (2) 3" Secondary UG Conduit Stubouts (per NBU spec EU-910)
	Contractor Install	Secondary Pullbox (per NBU spec EU-210) (1) 3" Secondary UG Conduit Stubout (per NBU spec EU-910)
32A	Contractor Install	
33	Contractor Install	
34	NBU Install	37.5 KVA 120/240V 1φ Padmount Transformer (Bφ) (245 FT) 1/0 AL UG 1φ Primary to WL #35 (Bφ) (50 FT) 4/0 AL UG TPX to WL #34A (Bφ)
	Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec EU-530) (1) 3" Primary UG Conduit to WL #35 (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #34A (per NBU spec EU-910) (2) 3" Secondary UG Conduit Stubouts (per NBU spec EU-910)
	Contractor Install	Secondary Pullbox (per NBU spec EU-210) (1) 3" Secondary UG Conduit Stubout (per NBU spec EU-910)
34A	Contractor Install	
35	NBU Install	50 KVA 120/240V 1φ Padmount Transformer (Aφ) (1) Arrestor Elbow (90 FT) 4/0 AL UG TPX to WL #35A (Bφ) (100 FT) 4/0 AL UG TPX to WL #35B (Bφ)
	Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec EU-530) (1) 3" Secondary UG Conduit to WL #35A (per NBU spec EU-910) (1) 3" Secondary UG Conduit to WL #35B (per NBU spec EU-910) (2) 3" Secondary UG Conduit Stubouts (per NBU spec EU-910)
	Contractor Install	Secondary Pullbox (per NBU spec EU-210) (1) 3" Secondary UG Conduit Stubout (per NBU spec EU-910)
35A	Contractor Install	
35B	Contractor Install	

Conductor	Length (FT)
4/0 AL UG Primary	11190
1/0 AL UG Primary	3225
350 MCM AL UG TPX	505
4/0 AL UG TPX	2130

	Existing 15' NBU U.E.
	Existing 20' NBU U.E.
	New 20' NBU U.E.

All NBU Trenches shall be at the 5' Mark

Developer shall stake psuedo condo lot lines and easement bounds for NBU Inspector

 ELECTRIC ENGINEERING 355 FM 306 NEW BRAUNFELS, TEXAS 78130 830-608-8951				NOTES				PROJ TITLE / LOCATION Silverleaf Condos			
				OPS COMP BY DATE		ENG APP'D DATE <i>Aug 7, 9:15:25</i>		PROJ DEGR			
						SCALE 1"=60' (1:60)		UNDERGROUND EXTENSION - CALLOUTS			
GAS		ELE		W		AT&T TRS		REV NO		REV DATE	
AT&T		PRIVATE		WW		SPECTRUM TRS		NO		ISSUE DATE	
SPECTRUM		OTHER		NA		OTHER TRS		NO		8/28/25 <i>CF</i>	
								1-CORSEXT		Conrad F	
								PAGE 5 OF 5		275185	