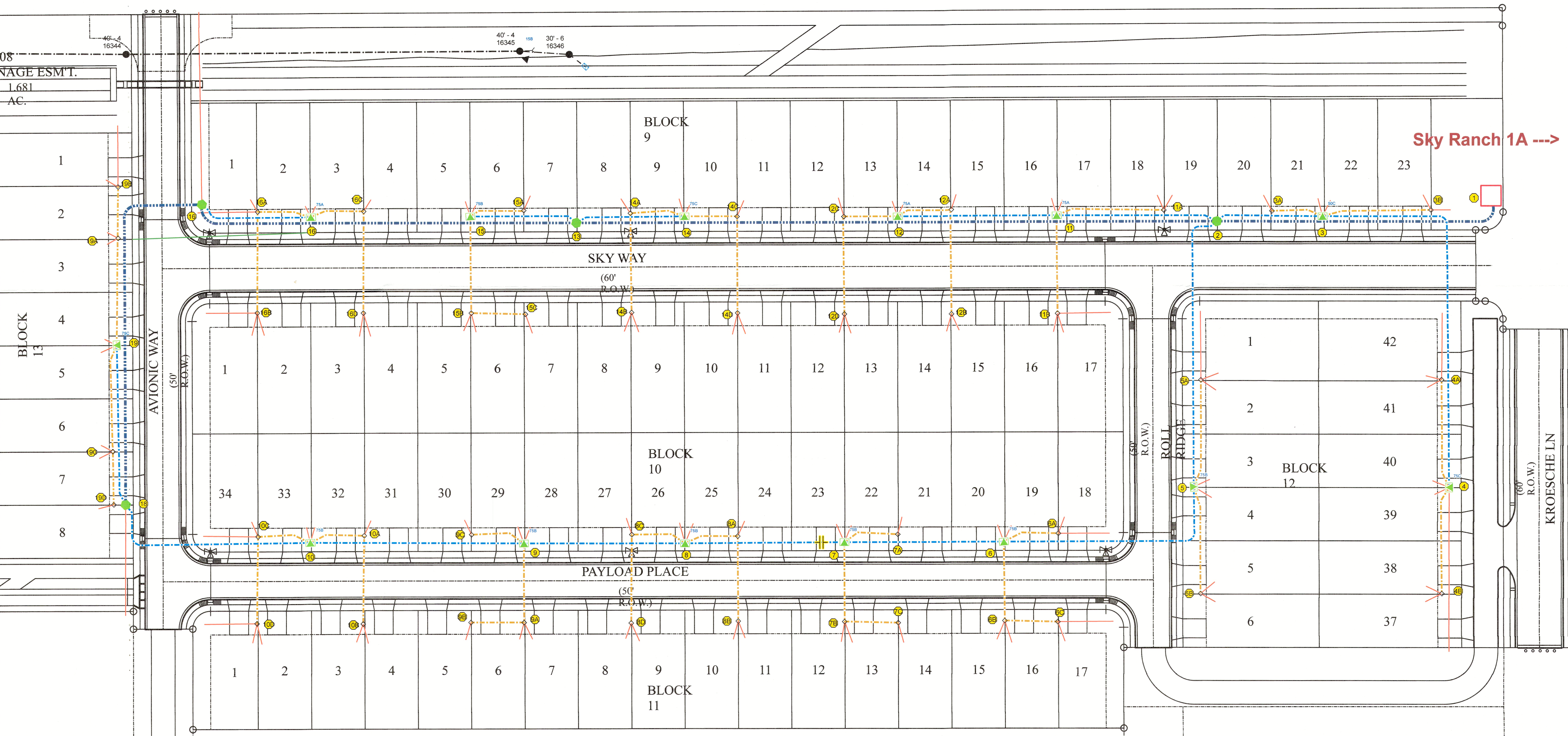


LOT 909
DRAINAGE ESM'T.
1.917 AC.

CALLED 97.287 AC.
WESTMEYER HERITAGE
HOLDINGS, LLC
DOC.#201999000711
(DESCRIBED)
VOL. 2569, PG. 696
O.P.R.G.C.T.

Sky Ranch 1A --->



All NBU Equipment is in 20' U.E.

EAST PARK
CALLED 77.95 AC.

ELECTRIC ENGINEERING 355 FM 305 830-608-8951		NOTES	PROJECT TITLE / LOCATION
NBU		OPS COMP BY DATE	Sky Ranch Unit 2A
NEW BRAUNFELS, TEXAS 78130		END APPROV DATE	Underground Extension
830-608-8951		SCALE 1" = 30' & 1" = 10'	REV NO 1
AT&T TRS		SPECTRUM TRS	REV DATE 9/11/24
PRIVATE		PROJECT No 1-C09EXT	ISSUE DATE 9/11/24
OTHER		PAGE 1 OF 2	TECH Conrad F
OTHER TRS			251032

WL#	WORK FUNCTION	INSTRUCTION
1	NBU Install	(225 FT) 4/0 AL UG 3φ Primary to WL #2 (3) 140A K-Type Switchgear Fuses
	NBU Note	Switchgear installed with WO #238681
	Contractor Install	(3) 3" Primary UG Conduits to WL #2 (per NBU spec)* *Intercept existing stubouts
2	NBU Install	Three Place 3φ Primary Pullbox (90 FT) 1/0 AL UG 1φ Primary to WL #3 (Cφ) (225 FT) 1/0 AL UG 1φ Primary to WL #5 (Bφ) (135 FT) 1/0 AL UG 1φ Primary to WL #11 (Aφ) (540 FT) 4/0 AL UG 3φ Primary to WL #12
	Contractor Install	Three Place 3φ 200A Primary Pullbox Foundation (per NBU spec) (1) 3" Primary UG Conduit to WL #3 (per NBU spec) (1) 3" Primary UG Conduit to WL #5 (per NBU spec) (1) 3 Primary UG Conduit to WL #11 (per NBU spec) (3) 3" Primary UG Conduits to WL #12 (per NBU spec)
3	NBU Install	50 KVA 120/240V 1φ Padmount Transformer (Cφ) (335 FT) 1/0 AL UG 1φ Primary to WL #4 (Cφ) (45 FT) 350 MCM AL UG TPX to WL #3A (90 FT) 350 MCM AL UG TPX to WL #3B
	Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec) (1) 3" Primary UG Conduit to WL #4 (per NBU spec) (1) 3" Secondary UG Conduit to WL #3A (per NBU spec) (1) 3" Secondary UG Conduit to WL #3B (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)
3A	Contractor Install	Secondary Pullbox (per NBU spec) (1) 3" Secondary UG Conduit Stubout (per NBU spec)
3B	Contractor Install	Secondary Pullbox (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)
4	NBU Install	75 KVA 120/240V 1φ Padmount Transformer (Cφ) (90 FT) 350 MCM AL UG TPX to WL 4A (90 FT) 350 MCM AL UG TPX to WL 4B
	Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec) (1) 3" Primary UG Conduit Stubout to edge of Unit 2 (per NBU spec) (1) 3" Secondary UG Conduit to WL #4A (per NBU spec) (1) 3" Secondary UG Conduit to WL #4B (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)
4A	Contractor Install	Secondary Pullbox (per NBU spec) (3) 3" Secondary UG Conduit Stubouts (per NBU spec)
4B	Contractor Install	Secondary Pullbox (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)
5	NBU Install	75 KVA 120/240V 1φ Padmount Transformer (Bφ) (160 FT) 1/0 AL UG 1φ Primary to WL #6 (Bφ) (90 FT) 350 MCM AL UG TPX to WL #5A (90 FT) 350 MCM AL UG TPX to WL #5B
	Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec) (1) 3" Primary UG Conduit to WL #6 (per NBU spec) (1) 3" Secondary UG Conduit to WL #5A (per NBU spec) (1) 3" Secondary UG Conduit to WL #5B (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)
5A	Contractor Install	Secondary Pullbox (per NBU spec) (3) 3" Secondary UG Conduit Stubouts (per NBU spec)
5B	Contractor Install	Secondary Pullbox (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)
6	NBU Install	75 KVA 120/240V 1φ Padmount Transformer (Bφ) (135 FT) 1/0 AL UG 1φ Primary to WL #7 (Bφ) (45 FT) 350 MCM AL UG TPX to WL #6A (65 FT) 350 MCM AL UG TPX to WL #6B
	Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec) (1) 3" Primary UG Conduit to WL #7 (per NBU spec) (1) 3" Secondary UG Conduit to WL #6A (per NBU spec) (1) 3" Secondary UG Conduit to WL #6B (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)
6A	Contractor Install	Secondary Pullbox (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)
6B	Contractor Install	NBU Install (45 FT) 350 MCM AL UG TPX to WL #6C Secondary Pullbox (per NBU spec) (1) 3" Secondary UG Conduit to WL #6C (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)
6C	Contractor Install	Secondary Pullbox (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)
7	NBU Install	75 KVA 120/240V 1φ Padmount Transformer (Bφ) (135 FT) 1/0 AL UG 1φ Primary to WL #8 (Bφ) (45 FT) 350 MCM AL UG TPX to WL #7A (65 FT) 350 MCM AL UG TPX to WL #7B Primary Open Point
	Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec) (1) 3" Primary UG Conduit to WL #8 (per NBU spec) (1) 3" Secondary UG Conduit to WL #7A (per NBU spec) (1) 3" Secondary UG Conduit to WL #7B (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)
7A	Contractor Install	Secondary Pullbox (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)
7B	Contractor Install	NBU Install (45 FT) 350 MCM AL UG TPX to WL #7C Secondary Pullbox (per NBU spec) (1) 3" Secondary UG Conduit to WL #7C (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)
7C	Contractor Install	Secondary Pullbox (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)

WL#	WORK FUNCTION	INSTRUCTION		
8	NBU Install	75 KVA 120/240V 1φ Padmount Transformer (Bφ) (135 FT) 1/0 AL UG 1φ Primary to WL #9 (Bφ) (45 FT) 350 MCM AL UG TPX to WL #8A (45 FT) 350 MCM AL UG TPX to WL #8C		
		Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec) (1) 3" Primary UG Conduit to WL #8 (per NBU spec) (1) 3" Secondary UG Conduit to WL #8A (per NBU spec) (1) 3" Secondary UG Conduit to WL #8C (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)	
			NBU Install	(65 FT) 350 MCM AL UG TPX to WL #8B
			Contractor Install	Secondary Pullbox (per NBU spec) (1) 3" Secondary UG Conduit to WL #8B (per NBU spec) (1) 3" Secondary UG Conduit Stubout (per NBU spec)
	Contractor Install			Secondary Pullbox (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)
	8A	Contractor Install	NBU Install (65 FT) 350 MCM AL UG TPX to WL #8D	
			Contractor Install	Secondary Pullbox (per NBU spec) (1) 3" Secondary UG Conduit to WL #8D (per NBU spec) (1) 3" Secondary UG Conduit Stubout (per NBU spec)
	8B	Contractor Install	Secondary Pullbox (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)	
	8C	Contractor Install	NBU Install (65 FT) 350 MCM AL UG TPX to WL #8D	
			Contractor Install	Secondary Pullbox (per NBU spec) (1) 3" Secondary UG Conduit to WL #8D (per NBU spec) (1) 3" Secondary UG Conduit Stubout (per NBU spec)
8D	Contractor Install	Secondary Pullbox (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)		
9	NBU Install	75 KVA 120/240V 1φ Padmount Transformer (Bφ) (180 FT) 1/0 AL UG 1φ Primary to WL #10 (Bφ) (65 FT) 350 MCM AL UG TPX to WL #9A (45 FT) 350 MCM AL UG TPX to WL #9C		
		Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec) (1) 3" Primary UG Conduit to WL #10 (per NBU spec) (1) 3" Secondary UG Conduit to WL #9A (per NBU spec) (1) 3" Secondary UG Conduit to WL #9C (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)	
			NBU Install	(45 FT) 350 MCM AL UG TPX to WL #9B
			Contractor Install	Secondary Pullbox (per NBU spec) (1) 3" Secondary UG Conduit to WL #7C (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)
	Contractor Install			Secondary Pullbox (per NBU spec) (1) 3" Secondary UG Conduit Stubout (per NBU spec)
	9A	Contractor Install	Secondary Pullbox (per NBU spec) (1) 3" Secondary UG Conduit Stubout (per NBU spec)	
	9B	Contractor Install	Secondary Pullbox (per NBU spec) (1) 3" Secondary UG Conduit Stubout (per NBU spec)	
	9C	Contractor Install	Secondary Pullbox (per NBU spec) (1) 3" Secondary UG Conduit Stubout (per NBU spec)	
	10	NBU Install	75 KVA 120/240V 1φ Padmount Transformer (Bφ) (195 FT) 1/0 AL UG 1φ Primary to WL #18 (Bφ) (45 FT) 350 MCM AL UG TPX to WL #10A (45 FT) 350 MCM AL UG TPX to WL #10C	
			Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec) (1) 3" Primary UG Conduit to WL #18 (per NBU spec) (1) 3" Secondary UG Conduit to WL #10A (per NBU spec) (1) 3" Secondary UG Conduit to WL #10C (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)
NBU Install				(65 FT) 350 MCM AL UG TPX to WL #10B
Contractor Install				Secondary Pullbox (per NBU spec) (1) 3" Secondary UG Conduit to WL #10B (per NBU spec) (1) 3" Secondary UG Conduit Stubout (per NBU spec)
		Contractor Install		Secondary Pullbox (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)
10A		Contractor Install	NBU Install (65 FT) 350 MCM AL UG TPX to WL #10D	
			Contractor Install	Secondary Pullbox (per NBU spec) (1) 3" Secondary UG Conduit to WL #10D (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)
10B		Contractor Install	Secondary Pullbox (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)	
10C		Contractor Install	NBU Install (65 FT) 350 MCM AL UG TPX to WL #10D	
			Contractor Install	Secondary Pullbox (per NBU spec) (1) 3" Secondary UG Conduit to WL #10D (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)
10D	Contractor Install	Secondary Pullbox (per NBU spec) (3) 3" Secondary UG Conduit Stubouts (per NBU spec)		
11	NBU Install	75 KVA 120/240V 1φ Padmount Transformer (Aφ) (135 FT) 1/0 AL UG 1φ Primary to WL #12 (Aφ) (90 FT) 350 MCM AL UG TPX to WL #11A (85 FT) 350 MCM AL UG TPX to WL #11B		
		Contractor Install	Single Phase Padmount Transformer Foundation (per NBU spec) (1) 3" Primary UG Conduit to WL #12 (per NBU spec) (1) 3" Secondary UG Conduit to WL #11A (per NBU spec) (1) 3" Secondary UG Conduit to WL #11B (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)	
			Contractor Install	Secondary Pullbox (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)
				Contractor Install
	11A		Contractor Install	NBU Install (65 FT) 350 MCM AL UG TPX to WL #12A (45 FT) 350 MCM AL UG TPX to WL #12C
		Contractor Install		Single Phase Padmount Transformer Foundation (per NBU spec) (1) 3" Secondary UG Conduit to WL #12A (per NBU spec) (1) 3" Secondary UG Conduit to WL #12C (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)
	11B	Contractor Install	NBU Install (85 FT) 350 MCM AL UG TPX to WL #12B	
			Contractor Install	Secondary Pullbox (per NBU spec) (1) 3" Secondary UG Conduit to WL #12B (per NBU spec) (1) 3" Secondary UG Conduit Stubout (per NBU spec)
	12B	Contractor Install	Secondary Pullbox (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)	
	12C	Contractor Install	NBU Install (85 FT) 350 MCM AL UG TPX to WL #14D	
Contractor Install			Secondary Pullbox (per NBU spec) (1) 3" Secondary UG Conduit to WL #14D (per NBU spec) (2) 3" Secondary UG Conduit Stubouts (per NBU spec)	
12D	Contractor Install	Secondary Pullbox (per NBU spec) (3) 3" Secondary UG Conduit Stubouts (per NBU spec)		

WL#	WORK FUNCTION	INSTRUCTION
13	NBU Install	Three Place 3φ 200A Primary Pullbox
		(90 FT) 1/0 AL UG 1φ Primary to WL #14 (Cφ)
		(90 FT) 1/0 AL UG 1φ Primary to WL #15 (Bφ)
		(330 FT) 4/0 AL UG 1φ Primary to WL #16
	Contractor Install	Three Place 3φ Primary Pullbox Foundation (per NBU spec)
		(1) 3" Primary UG Conduit to WL #14 (Cφ, per NBU spec)
		(1) 3" Primary UG Conduit to WL #15 (Bφ, per NBU spec)
		(3) 3" Primary UG Conduits to WL #16 (per NBU spec)
14	NBU Install	75 KVA 120/240V 1φ Padmount Transformer (Cφ)
		(45 FT) 350 MCM AL UG TPX to WL #14A
		(45 FT) 350 MCM AL UG TPX to WL #14C
		Single Phase Padmount Transformer Foundation (per NBU spec)
	Contractor Install	(1) 3" Secondary UG Conduit to WL #14A (per NBU spec)
		(1) 3" Secondary UG Conduit to WL #14C (per NBU spec)
		(2) 3" Secondary UG Conduit Stubouts (per NBU spec)
14A	NBU Install	(85 FT) 350 MCM AL UG TPX to WL #14B
		Secondary Pullbox (per NBU spec)
		(1) 3" Secondary UG Conduit to WL #14B (per NBU spec)
		(1) 3" Secondary UG Conduit Stubout (per NBU spec)
14B	Contractor Install	Secondary Pullbox (per NBU spec)
		(2) 3" Secondary UG Conduit Stubouts (per NBU spec)
14C	NBU Install	(85 FT) 350 MCM AL UG TPX to WL #14D
		Secondary Pullbox (per NBU spec)
		(1) 3" Secondary UG Conduit to WL #14D (per NBU spec)
		(2) 3" Secondary UG Conduit Stubouts (per NBU spec)
14D	Contractor Install	Secondary Pullbox (per NBU spec)
		(3) 3" Secondary UG Conduit Stubouts (per NBU spec)
15	NBU Install	75 KVA 120/240V 1φ Padmount Transformer (Bφ)
		(45 FT) 350 MCM AL UG TPX to WL #15A
		(85 FT) 350 MCM AL UG TPX to WL #15B
		Single Phase Padmount Transformer Foundation (per NBU spec)
	Contractor Install	(1) 3" Secondary UG Conduit to WL #15A (per NBU spec)
		(1) 3" Secondary UG Conduit to WL #15B (per NBU spec)
		(2) 3" Secondary UG Conduit Stubouts (per NBU spec)
15A	Contractor Install	Secondary Pullbox (per NBU spec)
		(1) 3" Secondary UG Conduit Stubout (per NBU spec)
15B	NBU Install	(45 FT) 350 MCM AL UG TPX to WL #15C
		Secondary Pullbox (per NBU spec)
		(1) 3" Secondary UG Conduit to WL #15C (per NBU spec)
		(2) 3" Secondary UG Conduit Stubouts (per NBU spec)
15C	Contractor Install	Secondary Pullbox (per NBU spec)
		(1) 3" Secondary UG Conduit Stubout (per NBU spec)
16	NBU Install	Four Place 3φ 200A Primary Pullbox
		(90 FT) 1/0 AL UG 1φ Primary to WL #17 (Aφ)
		(250 FT) 4/0 AL UG 3φ Primary to WL #18
		Four Place 3φ 200A Primary Pullbox Foundation (per NBU spec)
	Contractor Install	(1) 3" Primary UG Conduit to WL #17 (per NBU spec)
		(3) 3" Primary UG Conduits to WL #18 (per NBU spec)
		(3) 3" Primary UG Conduit Stubouts to edge of Unit 2A (per NBU spec)
17	NBU Install	75 KVA 120/240V 1φ Padmount Transformer (Aφ)
		(45 FT) 350 MCM AL UG TPX to WL #17A
		(45 FT) 350 MCM AL UG TPX to WL #17C
		Single Phase Padmount Transformer Foundation (per NBU spec)
	Contractor Install	(1) 3" Secondary UG Conduit to WL #17A (per NBU spec)
		(1) 3" Secondary UG Conduit to WL #17C (per NBU spec)
		(2) 3" Secondary UG Conduit Stubouts (per NBU spec)
17A	NBU Install	(85 FT) 350 MCM AL UG TPX to WL #17B
		Secondary Pullbox (per NBU spec)
		(1) 3" Secondary UG Conduit to WL #17B (per NBU spec)
		(2) 3" Secondary UG Conduit Stubouts (per NBU spec)
17B	Contractor Install	Secondary Pullbox (per NBU spec)
		(2) 3" Secondary UG Conduit Stubouts (per NBU spec)
17C	NBU Install	(85 FT) 350 MCM AL UG TPX to WL #17D
		Secondary Pullbox (per NBU spec)
		(1) 3" Secondary UG Conduit to WL #17D (per NBU spec)
		(1) 3" Secondary UG Conduit Stubout (per NBU spec)
17D	Contractor Install	Secondary Pullbox (per NBU spec)
		(3) 3" Secondary UG Conduit Stubouts (per NBU spec)
18	NBU Install	Three Place 3φ 200A Primary Pullbox
		(140 FT) 1/0 AL UG 1φ Primary to WL #19 (Cφ)
		Three Place 3φ 200A Primary Pullbox Foundation (per NBU spec)
		(1) 3" Primary UG Conduit to WL #19 (per NBU spec)
	Contractor Install	(3) 3" Primary UG Conduit Stubouts to edge of Unit 2A (per NBU spec)
19	NBU Install	75 KVA 120/240V 1φ Padmount Transformer (Cφ)
		(90 FT) 350 MCM AL UG TPX to WL #19A
		(90 FT) 350 MCM AL UG TPX to WL #19C
		Single Phase Padmount Transformer Foundation (per NBU spec)
	Contractor Install	(1) 3" Secondary UG Conduit to WL #19A (per NBU spec)
		(1) 3" Secondary UG Conduit to WL #19C (per NBU spec)
		(2) 3" Secondary UG Conduit Stubouts (per NBU spec)
19A	NBU Install	(45 FT) 350 MCM AL UG TPX to WL #19B
		Secondary Pullbox (per NBU spec)
		(1) 3" Secondary UG Conduit to WL #19B (per NBU spec)
		(2) 3" Secondary UG Conduit Stubouts (per NBU spec)
19B	Contractor Install	Secondary Pullbox (per NBU spec)
		(2) 3" Secondary UG Conduit Stubouts (per NBU spec)
19C	NBU Install	(45 FT) 350 MCM AL UG TPX to WL #19C
		Secondary Pullbox (per NBU spec)
		(1) 3" Secondary UG Conduit to WL #19C (per NBU spec)
		(2) 3" Secondary UG Conduit Stubouts (per NBU spec)
19D	Contractor Install	Secondary Pullbox (per NBU spec)
		(1) 3" Secondary UG Conduit Stubout (per NBU spec)

Conductor	Length (FT)
4/0 AL UG Primary	4275
1/0 AL UG Primary	2625
350 MCM AL UG TPX	3080

All NBU Equipment is in 20' U.E.

		ELECTRIC ENGINEERING 355 FM 350 NEW BRAUNFELS, TEXAS, 78130 361-608-8961		NOTES GPS COMP BY DATE END GPS BY DATE SCALES 1 inch = 30.02 feet PROJECT NO 1-C09EXT PAGE 2 of 2		PROJ TITLE / LOCATION Sky Ranch Unit 2A PROJ DESC Underground Extension - Callouts REV NO 1 REV DATE / / REV DATE / / TECH Conrad F WCHG 251032	
GAS	FILE	IV	AT&T TRS	SPECTRUM TRS	OTHER TRS	DATE	TIME
AT&T	PRIVATE	W/W				9/11/24	05
SPECTRUM		OTHER					