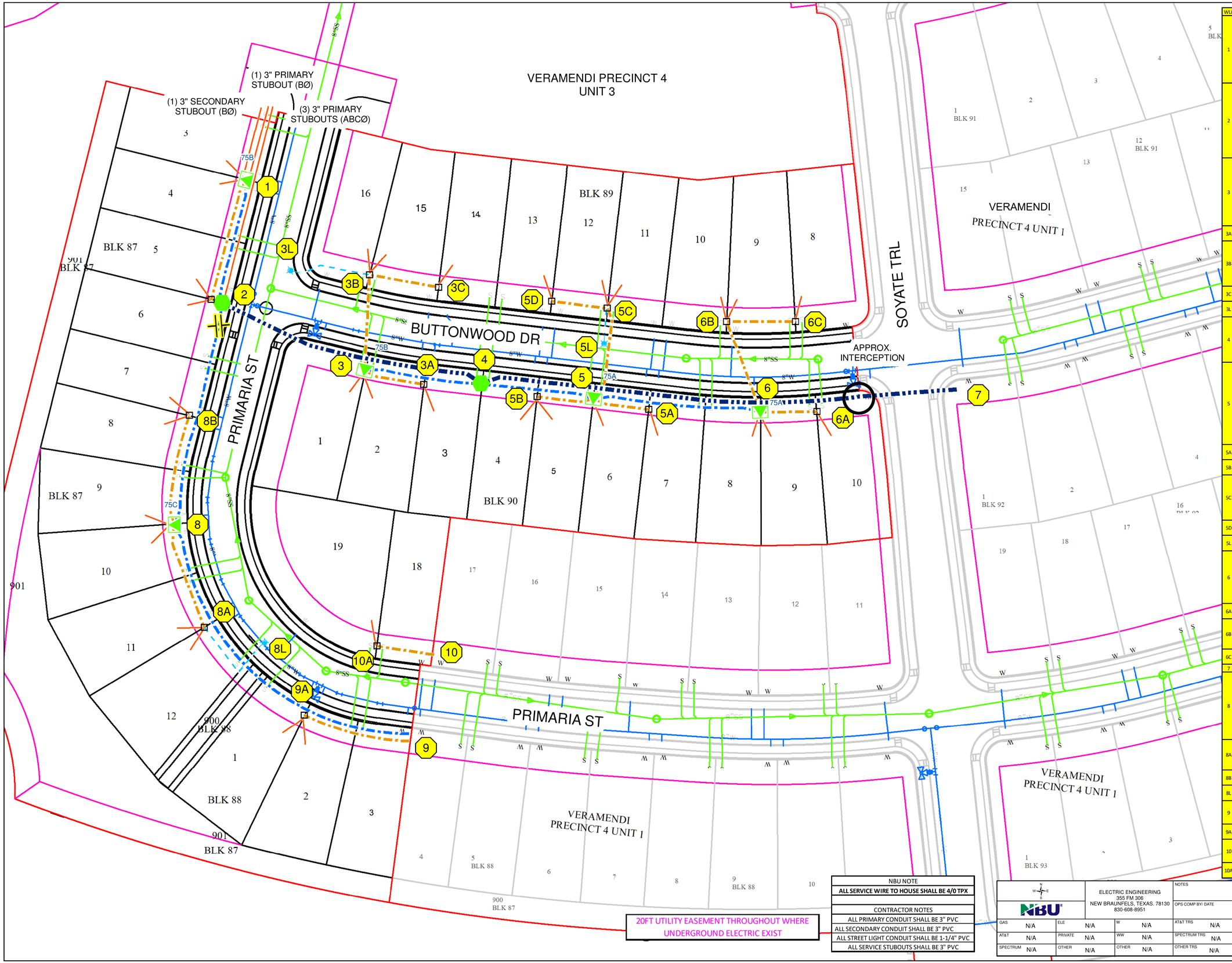

WL#	WORK FUNCTION	INSTRUCTIONS
1	NBU INSTALL	75KVA 1Ø 120/240V PADMOUNT TRANSFORMER (BØ)
		(100FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 2
		(100FT) 1/0 AL 1Ø UNDERGROUND PRIMARY TO WL# 2 (BØ)
	CONTRACTOR INSTALL	1Ø TRANSFORMER FOUNDATION PAD (PER NBU SPEC EU-530)
		(1) 3" PVC SECONDARY CONDUIT TO WL# 2
		(1) 3" PVC PRIMARY CONDUIT TO WL# 2 (BØ)
		(1) 3" PVC PRIMARY STUBOUT TO END OF PROJECT
		(1) 3" PVC SECONDARY STUBOUT TO END OF PROJECT
		(2) 3" PVC SECONDARY SERVICE STUBOUTS
2	NBU INSTALL	3Ø 3-PLACE 200A PRIMARY PULLBOX
		(220FT) 4/0 AL 3Ø UNDERGROUND PRIMARY TO WL# 4 (ABCØ)
		(180FT) 1/0 AL 1Ø UNDERGROUND PRIMARY TO WL# 8 (CØ)
		OPEN POINT
	CONTRACTOR INSTALL	3Ø 3-PLACE PRIMARY PULLBOX FOUNDATION PAD (PER NBU SPEC EU-315)
		(3) 3" PVC PRIMARY CONDUITS TO WL# 4 (ABCØ)
		(1) 3" PVC PRIMARY CONDUIT TO WL# 8 (CØ)
		(3) 3" PVC PRIMARY STUBOUTS TO END OF PROJECT (ABCØ)
		SECONDARY PULL BOX
		(2) 3" PVC SECONDARY SERVICE STUBOUTS
3	NBU INSTALL	75KVA 1Ø 120/240V PADMOUNT TRANSFORMER (BØ)
		(45FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 3A
		(65FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 3B
		(90FT) 1/0 AL 1Ø UNDERGROUND PRIMARY TO WL# 4 (BØ)
	CONTRACTOR INSTALL	1Ø TRANSFORMER FOUNDATION PAD (PER NBU SPEC EU-530)
		(1) 3" PVC SECONDARY CONDUIT TO WL# 3A
		(1) 3" PVC SECONDARY CONDUIT TO WL# 3B
		(1) 3" PVC PRIMARY CONDUIT TO WL# 4 (BØ)
		(2) 3" SECONDARY SERVICE STUBOUTS
3A	CONTRACTOR INSTALL	SECONDARY PULL BOX
		(1) 3" SECONDARY SERVICE STUBOUT
3B	NBU INSTALL	(55FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 3C
		(60FT) 1Ø 12/2 UNDERGROUND SECONDARY STREET LIGHT WIRE TO WL# 3L
	CONTRACTOR INSTALL	(1) 3" PVC SECONDARY CONDUIT TO WL# 3C
		(1) 1-1/4" PVC STREET LIGHT CONDUIT TO WL# 3L
		SECONDARY PULL BOX
		(2) 3" SECONDARY SERVICE STUBOUTS
3C	CONTRACTOR INSTALL	SECONDARY PULL BOX
		(1) 3" SECONDARY SERVICE STUBOUT
3L	NBU INSTALL	LED ALUMINUM STANDARD STREETLIGHT
	CONTRACTOR INSTALL	STREETLIGHT FOUNDATION
4	NBU INSTALL	3Ø 3-PLACE 200A PRIMARY PULLBOX
		(380FT) 4/0 AL 3Ø UNDERGROUND PRIMARY TO WL# 7 (ABCØ)
		(90FT) 1/0 AL 1Ø UNDERGROUND PRIMARY TO WL# 5 (AØ)
	CONTRACTOR INSTALL	3Ø 3-PLACE PRIMARY PULLBOX FOUNDATION PAD (PER NBU SPEC EU-315)
		(3) 3" PVC PRIMARY CONDUITS TO WL# 7 (ABCØ)
		(1) 3" PVC PRIMARY CONDUIT TO WL# 5 (AØ)
5	NBU INSTALL	75KVA 1Ø 120/240V PADMOUNT TRANSFORMER (AØ)
		(45FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 5A
		(45FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 5B
		(65FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 5C
		(130FT) 1/0 AL 1Ø UNDERGROUND PRIMARY TO WL# 6 (AØ)
	CONTRACTOR INSTALL	1Ø TRANSFORMER FOUNDATION PAD (PER NBU SPEC EU-530)
		(1) 3" PVC SECONDARY CONDUIT TO WL# 5A
		(1) 3" PVC SECONDARY CONDUIT TO WL# 5B
		(1) 3" PVC SECONDARY CONDUIT TO WL# 5C
		(1) 3" PVC PRIMARY CONDUIT TO WL# 6 (AØ)
		(1) 3" SECONDARY SERVICE STUBOUT
5A	CONTRACTOR INSTALL	SECONDARY PULL BOX
		(1) 3" SECONDARY SERVICE STUBOUT
5B	CONTRACTOR INSTALL	SECONDARY PULL BOX
		(2) 3" SECONDARY SERVICE STUBOUTS
5C	NBU INSTALL	(45FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 5D
		(20FT) 1Ø 12/2 UNDERGROUND SECONDARY STREET LIGHT WIRE TO WL# 5L
	CONTRACTOR INSTALL	(1) 3" PVC SECONDARY CONDUIT TO WL# 5D
		(1) 1-1/4" PVC STREET LIGHT CONDUIT TO WL# 5L
		SECONDARY PULL BOX
		(2) 3" SECONDARY SERVICE STUBOUTS
5D	CONTRACTOR INSTALL	SECONDARY PULL BOX
		(1) 3" SECONDARY SERVICE STUBOUT
5L	NBU INSTALL	LED ALUMINUM STANDARD STREETLIGHT
	CONTRACTOR INSTALL	STREETLIGHT FOUNDATION
6	NBU INSTALL	75KVA 1Ø 120/240V PADMOUNT TRANSFORMER (AØ)
		(45FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 6A
		(70FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 6B
	CONTRACTOR INSTALL	1Ø TRANSFORMER FOUNDATION PAD (PER NBU SPEC EU-530)
		(1) 3" PVC SECONDARY CONDUIT TO WL# 6A
		(1) 3" PVC SECONDARY CONDUIT TO WL# 6B
		(2) 3" SECONDARY SERVICE STUBOUTS
6A	CONTRACTOR INSTALL	SECONDARY PULL BOX
		(1) 3" SECONDARY SERVICE STUBOUT
6B	NBU INSTALL	(55FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 6C
	CONTRACTOR INSTALL	(1) 3" PVC SECONDARY CONDUIT TO WL# 6C
		SECONDARY PULL BOX
		(2) 3" SECONDARY SERVICE STUBOUTS
6C	CONTRACTOR INSTALL	SECONDARY PULL BOX
		(1) 3" SECONDARY SERVICE STUBOUT
7	NBU NOTE	EXISTING PULLBOX WITH WO# 237954
8	NBU INSTALL	75KVA 1Ø 120/240V PADMOUNT TRANSFORMER (CØ)
		(35FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 8A
		(85FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 8B
		(270FT) 1/0 AL 1Ø UNDERGROUND PRIMARY TO WL# 9 (CØ)
	CONTRACTOR INSTALL	1Ø TRANSFORMER FOUNDATION PAD (PER NBU SPEC EU-530)
		(1) 3" PVC SECONDARY CONDUIT TO WL# 8A
		(1) 3" PVC SECONDARY CONDUIT TO WL# 8B
		(1) 3" PVC PRIMARY CONDUIT TO WL# 9 (CØ)
		(2) 3" SECONDARY SERVICE STUBOUTS
8A	NBU INSTALL	(60FT) 1Ø 12/2 UNDERGROUND SECONDARY STREET LIGHT WIRE TO WL# 8L
	CONTRACTOR INSTALL	(1) 1-1/4" PVC STREET LIGHT CONDUIT TO WL# 8L
		SECONDARY PULL BOX
		(2) 3" SECONDARY SERVICE STUBOUTS
8B	CONTRACTOR INSTALL	SECONDARY PULL BOX
		(2) 3" SECONDARY SERVICE STUBOUTS
8L	NBU INSTALL	LED ALUMINUM STANDARD STREETLIGHT
	CONTRACTOR INSTALL	STREETLIGHT FOUNDATION
9	NBU INSTALL	(85FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 9A
	NBU NOTE	EXISTING TRANSFORMER WITH WO# 237954
	CONTRACTOR INSTALL	(1) 3" PVC SECONDARY CONDUIT TO WL# 9A
9A	CONTRACTOR INSTALL	SECONDARY PULL BOX
		(2) 3" SECONDARY SERVICE STUBOUTS
10	NBU INSTALL	(45FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 10A
	NBU NOTE	EXISTING SECONDARY PULLBOX WITH WO# 237954
	CONTRACTOR INSTALL	(1) 3" PVC SECONDARY CONDUIT TO WL# 10A
10A	CONTRACTOR INSTALL	SECONDARY PULL BOX
		(1) 3" SECONDARY SERVICE STUBOUT

NBU NOTE
ALL SERVICE WIRE TO HOUSE SHALL BE 4/0 TPX
CONTRACTOR NOTES
ALL PRIMARY CONDUIT SHALL BE 3" PVC
ALL SECONDARY CONDUIT SHALL BE 3" PVC
ALL STREET LIGHT CONDUIT SHALL BE 1-1/4" PVC
ALL SERVICE STUBOUTS SHALL BE 3" PVC

20FT UTILITY EASEMENT THROUGHOUT WHERE UNDERGROUND ELECTRIC EXIST

ELECTRIC ENGINEERING
355 FM 306
NEW BRAUNFELS, TEXAS. 78130
830-608-8951

NOTES

GAS	N/A	ELE	N/A	W	N/A	AT&T TRS	N/A
AT&T	N/A	PRIVATE	N/A	WW	N/A	SPECTRUM TRS	N/A
SPECTRUM	N/A	OTHER	N/A	OTHER	N/A	OTHER TRS	N/A

OPS COMP BY/ DATE

ENG APR BY / DATE

SCALE 1 inch = 33.33 feet

PAGE 1 OF 1

PROJ TITLE / LOCATION: PRIMARIA ST (VERAMENDI PRECINCT 4 UNIT 2)

PROJ DESC: UNDERGROUND SUBDIVISION

REV NO	REV DATE	ISSUE DATE
1	/ /	04-30-2024
2	/ /	TECH: A. Owen
3	/ /	WO#: 237955

PROJECT No 1-C09EXT