



WL#	WORK FUNCTION	INSTRUCTIONS
27A	NBU INSTALL	(80FT) 1Ø 12/2 UNDERGROUND SECONDARY STREET LIGHT WIRE TO WL# 27L
	CONTRACTOR INSTALL	(1) 1-1/4" PVC STREET LIGHT CONDUIT TO WL# 27L
		SECONDARY PULL BOX (1) 3" SECONDARY SERVICE STUBOUT
27B	CONTRACTOR INSTALL	SECONDARY PULL BOX (1) 3" SECONDARY SERVICE STUBOUT
27L	NBU INSTALL	LED ALUMINUM STANDARD STREETLIGHT
	CONTRACTOR INSTALL	STREETLIGHT FOUNDATION
28	NBU INSTALL	50KVA 1Ø 120/240V PADMOUNT TRANSFORMER (BØ) (70FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 28A (75FT) 12/2 1Ø UNDERGROUND SECONDARY STREET LIGHT WIRE TO WL# 28L (120FT) 1/0 AL 1Ø UNDERGROUND PRIMARY TO WL# 29 (BØ)
		1Ø TRANSFORMER FOUNDATION PAD (PER NBU SPEC EU-530) (1) 3" PVC SECONDARY CONDUIT TO WL# 28A (1) 1-1/4" PVC STREET LIGHT CONDUIT TO WL# 28L (1) 3" PVC PRIMARY CONDUIT TO WL# 29 (BØ) (2) 3" SECONDARY SERVICE STUBOUTS
		SECONDARY PULL BOX (2) 3" SECONDARY SERVICE STUBOUTS
		CONTRACTOR INSTALL
	CONTRACTOR INSTALL	STREETLIGHT FOUNDATION
29	NBU INSTALL	50KVA 1Ø 120/240V PADMOUNT TRANSFORMER (BØ) (70FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 29A (120FT) 1/0 AL 1Ø UNDERGROUND PRIMARY TO WL# 30 (BØ)
		1Ø TRANSFORMER FOUNDATION PAD (PER NBU SPEC EU-530) (1) 3" PVC SECONDARY CONDUIT TO WL# 29A (1) 3" PVC PRIMARY CONDUIT TO WL# 30 (BØ) (2) 3" SECONDARY SERVICE STUBOUTS
		CONTRACTOR INSTALL
	CONTRACTOR INSTALL	STREETLIGHT FOUNDATION
29A	NBU INSTALL	(20FT) 1Ø 12/2 UNDERGROUND SECONDARY STREET LIGHT WIRE TO WL# 29L
		(1) 1-1/4" PVC STREET LIGHT CONDUIT TO WL# 29L
	CONTRACTOR INSTALL	SECONDARY PULL BOX (2) 3" SECONDARY SERVICE STUBOUTS
29L	NBU INSTALL	LED ALUMINUM STANDARD STREETLIGHT
	CONTRACTOR INSTALL	STREETLIGHT FOUNDATION
30	NBU INSTALL	50KVA 1Ø 120/240V PADMOUNT TRANSFORMER (BØ) (60FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 30A (70FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 30B (120FT) 1/0 AL 1Ø UNDERGROUND PRIMARY TO WL# 31 (BØ)
		1Ø TRANSFORMER FOUNDATION PAD (PER NBU SPEC EU-530) (1) 3" PVC SECONDARY CONDUIT TO WL# 30A (1) 3" PVC SECONDARY CONDUIT TO WL# 30B (1) 3" PVC PRIMARY CONDUIT TO WL# 31 (BØ) (2) 3" SECONDARY SERVICE STUBOUTS
		CONTRACTOR INSTALL
		CONTRACTOR INSTALL
	CONTRACTOR INSTALL	STREETLIGHT FOUNDATION
30A	CONTRACTOR INSTALL	SECONDARY PULL BOX (1) 3" SECONDARY SERVICE STUBOUT
30B	CONTRACTOR INSTALL	SECONDARY PULL BOX (2) 3" SECONDARY SERVICE STUBOUTS
31	NBU INSTALL	3-PLACE 1Ø 200A PRIMARY PULLBOX (130FT) 1/0 AL 1Ø UNDERGROUND PRIMARY TO WL# 32 (BØ) (200FT) 1/0 AL 1Ø UNDERGROUND PRIMARY TO WL# 33 (BØ)
		3-PLACE 1Ø PRIMARY PULLBOX FOUNDATION PAD (PER NBU SPEC EU-330) (1) 3" PVC PRIMARY CONDUIT TO WL# 32 (BØ) (1) 3" PVC PRIMARY CONDUIT TO WL# 33 (BØ)
	CONTRACTOR INSTALL	CONTRACTOR INSTALL
32	NBU INSTALL	50KVA 1Ø 120/240V PADMOUNT TRANSFORMER (BØ) (65FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 32A (65FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 32B
		1Ø TRANSFORMER FOUNDATION PAD (PER NBU SPEC EU-530) (1) 3" PVC SECONDARY CONDUIT TO WL# 32A (1) 3" PVC SECONDARY CONDUIT TO WL# 32B (2) 3" SECONDARY SERVICE STUBOUTS
		CONTRACTOR INSTALL
	CONTRACTOR INSTALL	STREETLIGHT FOUNDATION
32A	CONTRACTOR INSTALL	SECONDARY PULL BOX (1) 3" SECONDARY SERVICE STUBOUT
32B	CONTRACTOR INSTALL	SECONDARY PULL BOX (1) 3" SECONDARY SERVICE STUBOUT
33	NBU INSTALL	50KVA 1Ø 120/240V PADMOUNT TRANSFORMER (BØ) (100FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 33A (50FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 33B (155FT) 1/0 AL 1Ø UNDERGROUND PRIMARY TO WL# 34 (BØ)
		1Ø TRANSFORMER FOUNDATION PAD (PER NBU SPEC EU-530) (1) 3" PVC SECONDARY CONDUIT TO WL# 33A (1) 3" PVC SECONDARY CONDUIT TO WL# 33B (1) 3" PVC PRIMARY CONDUIT TO WL# 34 (BØ) (2) 3" SECONDARY SERVICE STUBOUTS
		CONTRACTOR INSTALL
		CONTRACTOR INSTALL
	CONTRACTOR INSTALL	STREETLIGHT FOUNDATION
33A	CONTRACTOR INSTALL	SECONDARY PULL BOX (2) 3" SECONDARY SERVICE STUBOUTS
33B	NBU INSTALL	(80FT) 1Ø 12/2 UNDERGROUND SECONDARY STREET LIGHT WIRE TO WL# 33L
		(1) 1-1/4" PVC STREET LIGHT CONDUIT TO WL# 33L
33L	NBU INSTALL	LED ALUMINUM STANDARD STREETLIGHT
		CONTRACTOR INSTALL
34	NBU INSTALL	3Ø 3-PLACE 200A PRIMARY PULLBOX (210FT) 4/0 AL 3Ø UNDERGROUND PRIMARY TO WL# 36 (ABCØ)
		3Ø 3-PLACE PRIMARY PULLBOX FOUNDATION PAD (PER NBU SPEC EU-315)
	CONTRACTOR INSTALL	(3) 3" PVC PRIMARY CONDUITS TO WL# 36 (ABCØ)

WL#	WORK FUNCTION	INSTRUCTIONS
35	NBU INSTALL	50KVA 1Ø 120/240V PADMOUNT TRANSFORMER (BØ) (50FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 35A (50FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 35B (115FT) 1/0 AL 1Ø UNDERGROUND PRIMARY TO WL# 36 (BØ)
		1Ø TRANSFORMER FOUNDATION PAD (PER NBU SPEC EU-530) (1) 3" PVC SECONDARY CONDUIT TO WL# 35A (1) 3" PVC SECONDARY CONDUIT TO WL# 35B (1) 3" PVC PRIMARY CONDUIT TO WL# 36 (BØ) (2) 3" SECONDARY SERVICE STUBOUTS
		SECONDARY PULL BOX (1) 3" SECONDARY SERVICE STUBOUT
		CONTRACTOR INSTALL
	CONTRACTOR INSTALL	STREETLIGHT FOUNDATION
35A	CONTRACTOR INSTALL	SECONDARY PULL BOX (1) 3" SECONDARY SERVICE STUBOUT
35B	CONTRACTOR INSTALL	SECONDARY PULL BOX (1) 3" SECONDARY SERVICE STUBOUT
36	NBU INSTALL	3Ø 3-PLACE 200A PRIMARY PULLBOX (300FT) 4/0 AL 3Ø UNDERGROUND PRIMARY TO WL# 54 (ABCØ) (195FT) 1/0 AL 1Ø UNDERGROUND PRIMARY TO WL# 38 (AØ)
		3Ø 3-PLACE PRIMARY PULLBOX FOUNDATION PAD (PER NBU SPEC EU-315) (3) 3" PVC PRIMARY CONDUITS TO WL# 54 (ABCØ) (1) 3" PVC PRIMARY CONDUIT TO WL# 38 (AØ)
		CONTRACTOR INSTALL
	CONTRACTOR INSTALL	STREETLIGHT FOUNDATION
37	NBU INSTALL	75KVA 1Ø 120/240V PADMOUNT TRANSFORMER (CØ) (50FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 37A (100FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 37B (70FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 37C (100FT) 1/0 AL 1Ø UNDERGROUND PRIMARY TO WL# 54 (CØ)
		1Ø TRANSFORMER FOUNDATION PAD (PER NBU SPEC EU-530) (1) 3" PVC SECONDARY CONDUIT TO WL# 37A (1) 3" PVC SECONDARY CONDUIT TO WL# 37B (1) 3" PVC SECONDARY CONDUIT TO WL# 37C (1) 3" PVC PRIMARY CONDUIT TO WL# 54 (CØ) (1) 3" SECONDARY SERVICE STUBOUT
		CONTRACTOR INSTALL
		CONTRACTOR INSTALL
	CONTRACTOR INSTALL	STREETLIGHT FOUNDATION
37A	NBU INSTALL	(65FT) 12/2 1Ø UNDERGROUND SECONDARY STREET LIGHT WIRE TO WL# 37L
		(1) 1-1/4" PVC STREET LIGHT CONDUIT TO WL# 37L
	CONTRACTOR INSTALL	SECONDARY PULL BOX (2) 3" SECONDARY SERVICE STUBOUTS
37B	CONTRACTOR INSTALL	SECONDARY PULL BOX (2) 3" SECONDARY SERVICE STUBOUTS
37C	NBU INSTALL	(70FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 37D
		(1) 3" PVC SECONDARY CONDUIT TO WL# 37D
37D	CONTRACTOR INSTALL	SECONDARY PULL BOX (2) 3" SECONDARY SERVICE STUBOUTS
37L	CONTRACTOR INSTALL	SECONDARY PULL BOX (1) 3" SECONDARY SERVICE STUBOUT
38	NBU INSTALL	LED ALUMINUM STANDARD STREETLIGHT
		STREETLIGHT FOUNDATION
		75KVA 1Ø 120/240V PADMOUNT TRANSFORMER (AØ) (50FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 38A (50FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 38B (70FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 38C (150FT) 1/0 AL 1Ø UNDERGROUND PRIMARY TO WL# 39 (AØ)
		1Ø TRANSFORMER FOUNDATION PAD (PER NBU SPEC EU-530) (1) 3" PVC SECONDARY CONDUIT TO WL# 38A (1) 3" PVC SECONDARY CONDUIT TO WL# 38B (1) 3" PVC SECONDARY CONDUIT TO WL# 38C (1) 3" PVC PRIMARY CONDUIT TO WL# 39 (AØ) (1) 3" SECONDARY SERVICE STUBOUT
	CONTRACTOR INSTALL	CONTRACTOR INSTALL
38A	NBU INSTALL	(80FT) 12/2 1Ø UNDERGROUND SECONDARY STREET LIGHT WIRE TO WL# 38L
		(1) 1-1/4" PVC STREET LIGHT CONDUIT TO WL# 38L
	CONTRACTOR INSTALL	SECONDARY PULL BOX (1) 3" SECONDARY SERVICE STUBOUT
38B	NBU INSTALL	(70FT) 12/2 1Ø UNDERGROUND SECONDARY STREET LIGHT WIRE TO WL# 38D
		(1) 1-1/4" PVC STREET LIGHT CONDUIT TO WL# 38D
	CONTRACTOR INSTALL	SECONDARY PULL BOX (2) 3" SECONDARY SERVICE STUBOUTS
38C	CONTRACTOR INSTALL	SECONDARY PULL BOX (2) 3" SECONDARY SERVICE STUBOUTS
38D	NBU INSTALL	LED ALUMINUM STANDARD STREETLIGHT
		CONTRACTOR INSTALL
38L	CONTRACTOR INSTALL	STREETLIGHT FOUNDATION
39	NBU INSTALL	75KVA 1Ø 120/240V PADMOUNT TRANSFORMER (AØ) (75FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 39A (50FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 39B (250FT) 1/0 AL 1Ø UNDERGROUND PRIMARY TO WL# 40 (AØ)
		1Ø TRANSFORMER FOUNDATION PAD (PER NBU SPEC EU-530) (1) 3" PVC SECONDARY CONDUIT TO WL# 39A (1) 3" PVC SECONDARY CONDUIT TO WL# 39B (1) 3" PVC PRIMARY CONDUIT TO WL# 40 (AØ) (2) 3" SECONDARY SERVICE STUBOUTS
		CONTRACTOR INSTALL
		CONTRACTOR INSTALL
	CONTRACTOR INSTALL	STREETLIGHT FOUNDATION
39A	CONTRACTOR INSTALL	SECONDARY PULL BOX (2) 3" SECONDARY SERVICE STUBOUTS
39B	NBU INSTALL	(70FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 39C
		(1) 3" PVC SECONDARY CONDUIT TO WL# 39C
39C	CONTRACTOR INSTALL	SECONDARY PULL BOX (1) 3" SECONDARY SERVICE STUBOUT
40	NBU INSTALL	75KVA 1Ø 120/240V PADMOUNT TRANSFORMER (AØ) (100FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 40A (100FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 40B (230FT) 1/0 AL 1Ø UNDERGROUND PRIMARY TO WL# 41 (AØ)
		1Ø TRANSFORMER FOUNDATION PAD (PER NBU SPEC EU-530) (1) 3" PVC SECONDARY CONDUIT TO WL# 40A (1) 3" PVC SECONDARY CONDUIT TO WL# 40B (1) 3" PVC PRIMARY CONDUIT TO WL# 41 (AØ) (2) 3" SECONDARY SERVICE STUBOUTS
		CONTRACTOR INSTALL
		CONTRACTOR INSTALL
	CONTRACTOR INSTALL	STREETLIGHT FOUNDATION

WL#	WORK FUNCTION	INSTRUCTIONS
40A	NBU INSTALL	(20FT) 12/2 1Ø UNDERGROUND SECONDARY STREET LIGHT WIRE TO WL# 40L
		(1) 1-1/4" PVC STREET LIGHT CONDUIT TO WL# 40L
	CONTRACTOR INSTALL	SECONDARY PULL BOX (2) 3" SECONDARY SERVICE STUBOUTS
40B	NBU INSTALL	(55FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 40C
		(1) 3" PVC SECONDARY CONDUIT TO WL# 40C
	CONTRACTOR INSTALL	SECONDARY PULL BOX (2) 3" SECONDARY SERVICE STUBOUTS
40C	NBU INSTALL	(20FT) 12/2 1Ø UNDERGROUND SECONDARY STREET LIGHT WIRE TO WL# 40D (215FT) 12/2 1Ø UNDERGROUND SECONDARY STREET LIGHT WIRE TO WL# 40E
		(1) 1-1/4" PVC STREET LIGHT CONDUIT TO WL# 40D (1) 1-1/4" PVC STREET LIGHT CONDUIT TO WL# 40E
	CONTRACTOR INSTALL	SECONDARY PULL BOX (1) 3" SECONDARY STUBOUT *ACROSS PENNYROYAL LN*
40D	NBU INSTALL	LED ALUMINUM STANDARD STREETLIGHT
CONTRACTOR INSTALL	STREETLIGHT FOUNDATION	
40E	NBU INSTALL	LED ALUMINUM STANDARD STREETLIGHT
CONTRACTOR INSTALL	STREETLIGHT FOUNDATION	
40L	NBU INSTALL	LED ALUMINUM STANDARD STREETLIGHT
CONTRACTOR INSTALL	STREETLIGHT FOUNDATION	
41	NBU INSTALL	100KVA 1Ø 120/240V PADMOUNT TRANSFORMER (AØ) (40FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 41A (40FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 41B (160FT) 1/0 AL 1Ø UNDERGROUND PRIMARY TO WL# 42 (AØ)
		1Ø TRANSFORMER FOUNDATION PAD (PER NBU SPEC EU-530) (1) 3" PVC SECONDARY CONDUIT TO WL# 41A (1) 3" PVC SECONDARY CONDUIT TO WL# 41B (1) 3" PVC PRIMARY CONDUIT TO WL# 42 (AØ) (2) 3" SECONDARY SERVICE STUBOUTS
		CONTRACTOR INSTALL
		CONTRACTOR INSTALL
	CONTRACTOR INSTALL	STREETLIGHT FOUNDATION
41A	NBU INSTALL	(40FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 41C
		(1) 3" PVC SECONDARY CONDUIT TO WL# 41C
	CONTRACTOR INSTALL	SECONDARY PULL BOX (1) 3" SECONDARY SERVICE STUBOUT
41B	NBU INSTALL	(40FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 41D
		(1) 3" PVC SECONDARY CONDUIT TO WL# 41D
	CONTRACTOR INSTALL	SECONDARY PULL BOX (1) 3" SECONDARY SERVICE STUBOUT (1) 3" SECONDARY SERVICE STUBOUT ACROSS LOT 2
41C	CONTRACTOR INSTALL	SECONDARY PULL BOX (2) 3" SECONDARY SERVICE STUBOUTS
41D	NBU INSTALL	(120FT) 12/2 1Ø UNDERGROUND SECONDARY STREET LIGHT WIRE TO WL# 41L
		(1) 1-1/4" PVC STREET LIGHT CONDUIT TO WL# 41L
	CONTRACTOR INSTALL	SECONDARY PULL BOX (2) 3" SECONDARY SERVICE STUBOUTS (1) SECONDARY STUBOUT ACROSS LOT 7
41L	NBU INSTALL	LED ALUMINUM STANDARD STREETLIGHT
CONTRACTOR INSTALL	STREETLIGHT FOUNDATION	
42	NBU INSTALL	75KVA 1Ø 120/240V PADMOUNT TRANSFORMER (AØ) (40FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 42A (40FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 42B (45FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 42C (155FT) 1/0 AL 1Ø UNDERGROUND PRIMARY TO WL# 43 (AØ)
		1Ø TRANSFORMER FOUNDATION PAD (PER NBU SPEC EU-530) (1) 3" PVC SECONDARY CONDUIT TO WL# 42A (1) 3" PVC SECONDARY CONDUIT TO WL# 42B (1) 3" PVC SECONDARY CONDUIT TO WL# 42C (1) 3" PVC PRIMARY CONDUIT TO WL# 43 (AØ) (1) 3" SECONDARY SERVICE STUBOUT
		CONTRACTOR INSTALL
		CONTRACTOR INSTALL
	CONTRACTOR INSTALL	STREETLIGHT FOUNDATION
42A	CONTRACTOR INSTALL	SECONDARY PULL BOX (1) 1-1/4" PVC STREET LIGHT CONDUIT TO WL# 42L
42B	CONTRACTOR INSTALL	SECONDARY PULL BOX (1) 3" SECONDARY SERVICE STUBOUT
42C	CONTRACTOR INSTALL	SECONDARY PULL BOX (2) 3" SECONDARY SERVICE STUBOUTS
42L	NBU INSTALL	LED ALUMINUM STANDARD STREETLIGHT
CONTRACTOR INSTALL	STREETLIGHT FOUNDATION	
43	NBU INSTALL	75KVA 1Ø 120/240V PADMOUNT TRANSFORMER (AØ) (100FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 43A (100FT) 350 TPX 1Ø UNDERGROUND SECONDARY TO WL# 43B (150FT) 1/0 AL 1Ø UNDERGROUND PRIMARY TO WL# 44 (AØ)
		1Ø TRANSFORMER FOUNDATION PAD (PER NBU SPEC EU-530) (1) 3" PVC SECONDARY CONDUIT TO WL# 43A (1) 3" PVC SECONDARY CONDUIT TO WL# 43B (1) 3" PVC PRIMARY CONDUIT TO WL# 44 (AØ) (2) 3" SECONDARY SERVICE STUBOUTS
		CONTRACTOR INSTALL
		CONTRACTOR INSTALL
	CONTRACTOR INSTALL	STREETLIGHT FOUNDATION
43A	CONTRACTOR INSTALL	SECONDARY PULL BOX (2) 3" SECONDARY SERVICE STUBOUTS
43B	NBU INSTALL	(80FT) 12/2 UNDERGROUND 1Ø SECONDARY STREET LIGHT WIRE TO WL# 43L
CONTRACTOR INSTALL	STREETLIGHT FOUNDATION	
43L	NBU INSTALL	LED ALUMINUM STANDARD STREETLIGHT
CONTRACTOR INSTALL	STREETLIGHT FOUNDATION	

		ELECTRIC ENGINEERING 355 FM 306 NEW BRAUNFELS, TEXAS. 78130 830-608-8951		NOTES OPS COMP BY: DATE ENG APP BY: DATE		PROJ TITLE / LOCATION Word Parkway & Hill Country Dr (Veramendi Precinct 18 Unit 1)	
		PROJ DESC Underground Subdivision		REV NO 1		REV DATE / /	
GAS N/A		ELE N/A		AT&T TRS N/A		SCALE 1 inch = 125.08 feet	
AT&T N/A		PRIVATE N/A		SPECTRUM TRS N/A		PROJECT No 1-C09EXT	
SPECTRUM N/A		OTHER N/A		OTHER TRS N/A		PAGE 3 of 4	
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						WORK 234662	