

WR# 66217099
WO# DCP0278643
SAN JUAN, TEXAS
112.96 MH'S

A



Existing Location 9
 49102034484333
 40 5
 DS101, DS301

Existing Location 8
 49101654484061
 40 5
 DS101, DS301

Existing Location 7
 49101284483790
 40 5
 DS101, DS301

Existing Location 6
 49100904483519
 40 5
 DS101, DS301

Existing Location 5
 49100524483247
 40 5
 DS101, DS301

Existing Location 4
 49100114482976
 40 5
 DS101, DS301

Existing Location 3
 49099724482704
 40 5
 DS101, DS301

Existing Location 2
 49099344482433
 40 5
 DS101, DS301

Existing Location 1
 49098934482161
 40 5
 DS316-A

SOUTH I RD

ABC

26.128452,-98.178394

NOTE:
UPGRADE OH 1-PHASE PRIMARY
TO 3-PHASE PRIMARY.

Field Checked By: Noé V. Barrera
Truck Accessibility: Yes
Tree Trimming: No

(Diversified Load: 58.8kw)

CUSTOMER TO PROVIDE:
ALL TRENCHING AND BACKFILL,
EASEMENTS, 4" SCHEDULE 40
GRAY ELECTRICAL CONDUIT,
CONCRETE PAD AS NEEDED FOR
ANY ELECTRICAL EQUIPMENT
(EX. TRANSFORMER, PULLBOX,
SWITCHGEAR) AS PER AEP
SPECIFICATIONS, AND ALL
SECONDARIES.

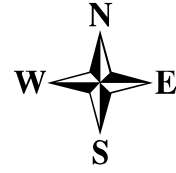
Update each pole ID tag with
correct 14 digit location number
marked in red which matches
XY coordinate obtained by GPS

NEW 4W 3-PHASE WYE
400A, 120-208V, UG
COMMERCIAL SERVICE;
CUSTOMER CIAC: \$20,331.67

E THOMAS DR

A DDS Worksketch				Date Requested: 09/25/2017		Bucket Truck?: Y	
				Date Requested: 09/25/2017		Truck to Site?: Y	
Job Name: CI-NEW SERVICE/UPGRADE 1-PHASE OH PRIMARY FACILITIES TO 3-PHASE				4WD?: N			
Location: 4011 S VETERANS BLVD				County: HIDALGO			
Division: CP	District: 169 - Pharr	Crew HQ: 11711	Station No.: 1045	Circuit No.: 94SB4845			
WR#: 66217099	WO#: DCP0278643	Sta/Circuit Name: HIDALGO		Map: Rio Grande Valley			
JU Proposal(s): EDN100039	STAKED	NOT CLEARED	Voltage: 12.47		Quad:		
R/W#:	Phases: ABC N		Scale: 1:150				
Comments: UPGRADE 1-PHASE OH PRIMARY FACILITIES TO 3-PHASE				Date: 8/7/2018	Print#:	Scale: 1:150	
FIELD CHECKED BY: NOE' B. BARRERA				Drawn By: NOE' V. BARRERA (956) 283-2418		Page: Page 1 of 2	

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Install
 Fuse#: D8437
 Fuse size: 3.5X ABC
 DS2314

Install
 Location 19
 49106014486512
 40 3
 DS340, DS361

Install
 Location 20
 49106564486519
 40 4
 DS363, DS2314

Install Ped
 Location 21
 49107964486532
 DS2401(3PH)

Install Ped
 Location 22
 49110094486546
 DS2401(3PH)

Existing
 Location 18
 49105854486433
 49105734486435
 40 5
 DS360

Existing
 Location 17
 49105374486279
 40 5
 DS101, DS301

Existing
 Location 16
 49105054486138
 40 5
 DS101, DS301

Existing
 Location 15
 49104444485871
 40 5
 DS101, DS301

Existing
 Location 14
 49103934485648
 40 5
 DS101, DS301

Existing
 Location 13
 49103594485417
 40 5
 DS101, DS301

Existing
 Location 12
 49103204485146
 40 5
 DS101, DS301

Existing
 Location 11
 49102804484875
 40 5
 DS101, DS301

Existing
 Location 10
 49102414484604
 40 5
 DS101, DS301

3 - 2 AA-65°C (12.5kV) ABC & 2 AA (N) 55 ft
 3 - 1/0 AA-65°C (12.5kV) ABC & 2 AA (N) 81 ft
 3 - 2 AL (12.5kV) ABCN - 4in Exist. Conduit 141 ft
 3 - 2 AL (12.5kV) ABCN - 4in Exist. Conduit 213 ft
 3 - 2 AL (12.5kV) ABCN - 4in Exist. Conduit 215 ft
 191 ft

Concrete pull box pad

Install Xfmr
 Location 24
 75 kVA-ABC
 120-208V
 49113944486462
 DS2231

26.140202,-98.176238

**NOTE:
 UPGRADE OH 1-PHASE PRIMARY
 TO 3-PHASE PRIMARY.**

Field Checked By: Noé V. Barrera
 Truck Accessibility: Yes
 Tree Trimming: No

(Diversified Load: 58.8kw)

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 SWITCHGEAR) AS PER AEP
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 SECONDARIES.

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**NEW 4W 3-PHASE WYE
 400A, 120-208V, UG
 COMMERCIAL SERVICE;
 CUSTOMER CIAC: \$20,331.67**

SOUTH I RD

JUAN BALLI RD

A