

SCOPE OF ELECTRICAL WORK:

1. PROVIDE AND INSTALL NEW LIGHTING, POWER, AND NEW UNDERGROUND ELECTRIC SERVICE.
2. PROVIDE NEW EXTERIOR (BATTERY) EMERGENCY EGRESS LIGHTS AS REQUIRED BY CURRENT CODES.

GENERAL NOTES

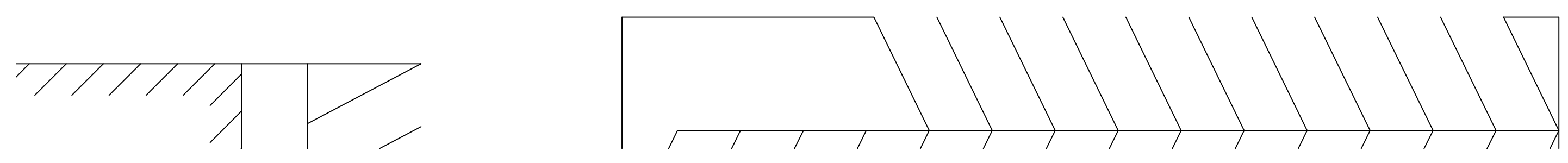
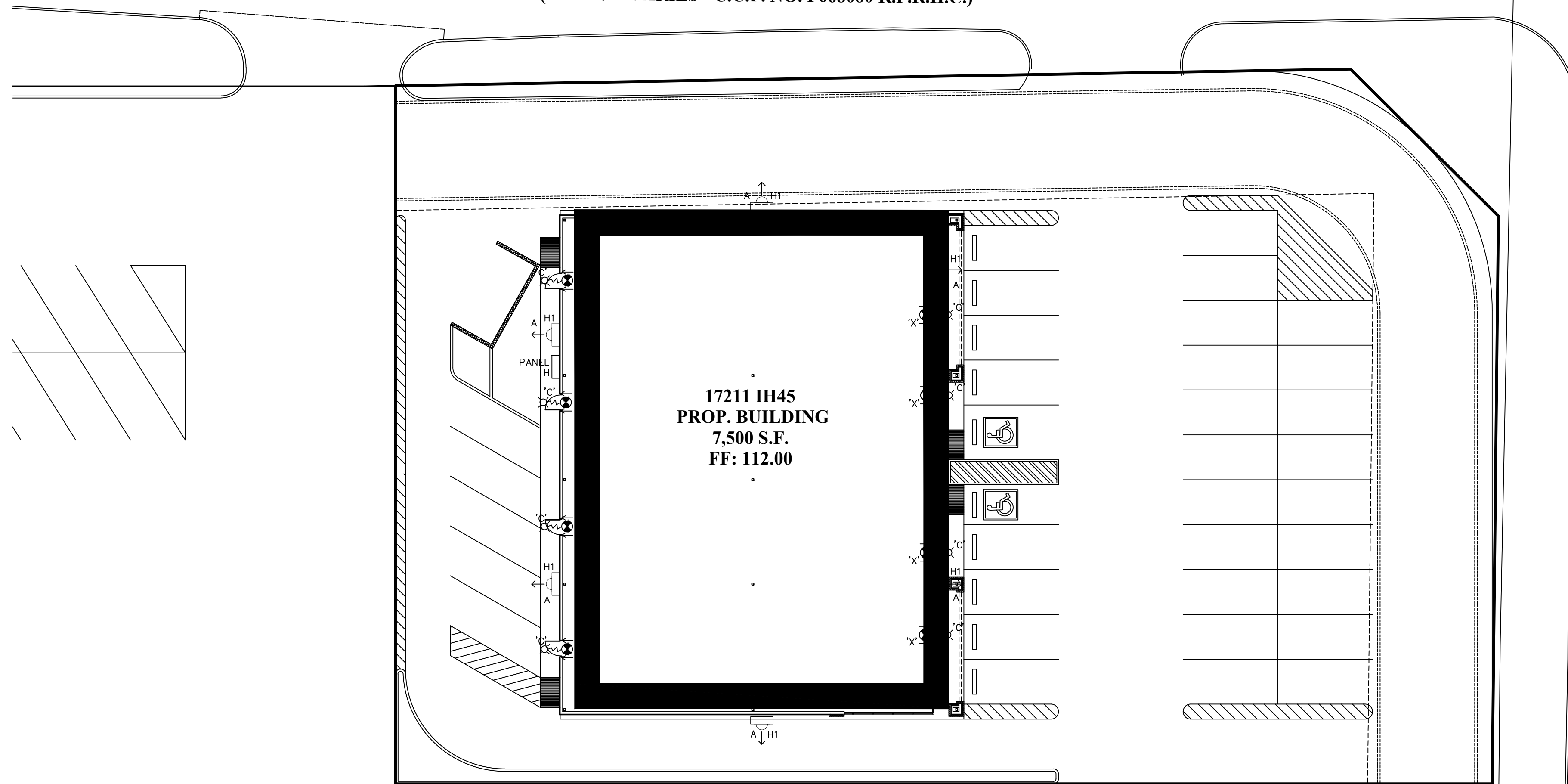
1. CONTACT CNP POWER COMPANY CONSULTANT PRIOR TO DOING ANY WORK.

ELECTRICAL NOTES:

1. ALL PANELS TO BE MARKED FOR ARC FLASH HAZARD PER NEC 110.16.
2. FAULT CURRENT SHOWN ON E3.0 IS BASED ON EXISTING PHYSICAL TRANSFORMER CONFIGURATION. EC TO VERIFY EXACT AVAILABLE SHORT CIRCUIT CURRENT AND PROVIDE FOR FULLY RATED EQUIPMENT.
3. ALL WORK TO BE IN COMPLIANCE WITH NEC 2014.

ELECTRICAL LEGEND	
MARK	DESCRIPTION
•	FLUORESCENT FIXTURE
◼	FLUORESCENT FIXTURE WITH BATTERY PACK
⏏	WALL PACK
⊙	FLUORESCENT FIXTURE
⊗	EXIT LIGHT
⊕	SINGLE RECEPTACLE
⊕	DUPLEX CONVENIENCE OUTLET
⊕	FLOOR MOUNTED DUPLEX OUTLET
⊕	240V OUTLET
⊕ <sub>INT</sub>	OUTLET WITH GROUND FAULT CIRCUIT INTERRUPTER
⊕ <sub>IG</sub> ⊕ <sub>IG</sub> ⊕ <sub>IG</sub>	RECEPTACLE WITH ISOLATED GROUND
⊕	QUAD PLEX CONVENIENCE OUTLET
\$	WALL SWITCH
\$ <sub>3</sub>	3-WAY SWITCH
\$ <sub>p</sub>	SWITCH W/PILOT LIGHT
\$ <sub>PRE</sub>	PASSIVE INFRARED WALL SWITCH/SENSOR W/MANUAL ON/OFF CONTRL
\$ <sub>m</sub>	MOTOR RATED SWITCH
⊙	MOTOR
—	CIRCUIT HOME-RUN TO PANEL
—	SWITCH LEG
▽	TELEPHONE OUTLET 1" TO ABOVE CEILING WITH WIRE TO TELEPHONE TERMINAL BOARD
⊏	DISCONNECT SWITCH
⊕	JUNCTION BOX
⊕	120V HARDWIRED CONNECTION
⊕	208V/1ϕ HARDWIRED CONNECTION
—	MOTION DETECTOR, ARROW INDICATES DIRECTION
⊕	PHOTOCELL
⊕	208V/3ϕ HARDWIRED CONNECTION
⊕	ELECTRICAL PANEL

OVERLAND TRAILS DRIVE  
(R.O.W. VARIES - C.C.F. NO. F668080 R.P.R.H.C.)



ELECTRICAL LIGHTING PLAN

1/16"=1'-0"

INTERSTATE HIGHWAY 45  
(WIDTH VARIES)

**JAMES E. THOMPSON & ASSOCIATES ENGINEERS**

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1600 East Highway 6, Suite 331  
Alvin, Texas 77511  
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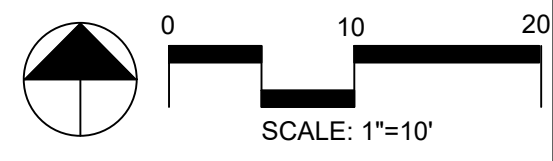
- Mechanical • Electrical •
- Plumbing Design •
- Firm Registration #F1288

RECORD OF ISSUE	
Revision	Date
Client	
Architect	
Engineer	
General Contractor	
Sub-contractor	

PREPARED FOR:

NEW PROJECT  
SHELL BUILDING 1  
OVERLAND TRAILS DRIVE  
17211 IH 45  
HOUSTON, TX 77090

Project Name:		
Name	Date	
Drawn By: SR	12/26/17	
Check By PIC: JET	12/26/17	
Check by PM: JET	12/26/17	
Approved By: JET	12/26/17	



Date Created: 12/26/17  
Project Number: -

Drawing Title: ELECTRICAL LIGHTING PLAN

Sheet Number: E1.0

