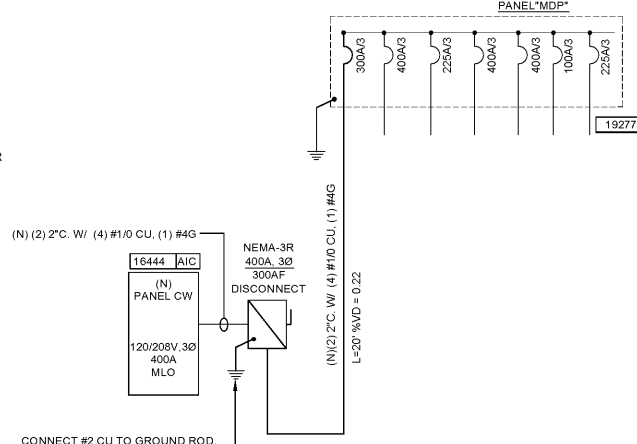


3 GROUNDING ELECTRODE SYSTEM  
N.T.S.



2 TYPICAL ONE-LINE DIAGRAM  
N.T.S.

- ONE-LINE NOTES:
1. CLEARLY LABEL MAIN ELECTRICAL SERVICE DISCONNECT(S) PER NEC.
  2. PROVIDE ARC FLASH LABELING AS REQUIRED PER NEC 110.16.
  3. ALL WIRE SIZING BASED ON 75°C AMPACITY TABLE PER N.E.C. REFER TO ITEM 3.9 OF ELECTRICAL SPECIFICATIONS ON SHEET CW4.0 FOR CONDUCTOR SPECIFICATIONS. ALL TERMINALS SHALL BE RATED AT 75°C.
  4. ALL NEW PANELS ARE PROVIDED BY 7-ELEVEN. INSTALLED BY G.C. ALL FEEDERS TO BE PROVIDED AND INSTALLED BY G.C. WIRE LARGER THAN 6 AWG PROVIDED BY G.C.

**PANELBOARD: CW (NEW)**

BUS AMPS: 400A  
MAIN SIZE/TYPE: MLO  
VOLTS/PHASE: 208Y/120V, 3PH, 4W  
SECTION: 1

AIC RATING: REF 1-LINE  
SERVES: CARWASH  
MOUNTING: SURFACE  
LOCATION:

NOTE NO.	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE			WIRE NO.	BKR AMP	P	WIRE NO.	VOLTAMPS/PHASE			DESCRIPTION	CKT NO.	NOTE NO.
			A	B	C					A	B	C			
	1		1,000												
	3	(6) RECLAIM PUMP & VFD	1,000	1,000		12	20	3				(7) R.O. SYSTEM	2	1	
	5	(6) RECLAIM PUMP CONTROL	1,320		1,000	12	20	12				(7) R.O. SYSTEM	8	1	
	7	(6) REJECT CAPTURE SYSTEM		1,660		12	20	2				(4) SLIMLINE DRYER	10		
	9										13,200				
	11										13,200				
	13	SPARE													
	15	EXTERIOR SIGNAGE		1,200		12	20	1			2,010				
	17	SPARE									2,010				
	19	(1) EQUIPMENT ROOM LTS	166			12	20	1			2,010				
	21	WASH BAY LTS		542		12	20	1			1,440				
	23	EXTERIOR WALL PACKS		124		12	20	1			660				
	25	EQUIPMENT ROOM RECPTS	360			12	20	1			3,840				
	27	SPARE									3,840				
	29	LIGHTING CONTROL				12	20	1			3,960				
	31										330				
	33	(10) CHEMICAL INJECTION PANEL				4	80	3			2,010				
	35														
	37		1,200												
	39	(8) HP TURBO		1,200		12	20	1							
	41			1,200											
SUBTOTAL			4,046	5,602	4,046						19,380	20,754	20,010		
TOTAL PHASE A - VA			23,426												
TOTAL PHASE B - VA				26,356											
TOTAL PHASE C - VA					24,354										
TOTAL 3 PHASE VA			23,426	26,356	24,354										
TOTAL 3 PHASE AMPS			103	119	107										
TOTAL 3 PHASE VA			74,136												
TOTAL 3 PHASE AMPS			327												

PANEL BOARD LOAD

LOAD	VA	AMPS
COOLING	1,000	1.00
HEATING	0	0.00
LIGHTING	192	1.25
RECEPTACLES	107.5	1.00
MOTORS	1.00	1.00
SUPP HEAT	1.00	1.00
MISC EQUIP	72,584	1.00
<b>TOTAL</b>	<b>74,434</b>	<b>207</b>

**CAR WASH EQUIPMENT SCHEDULE**

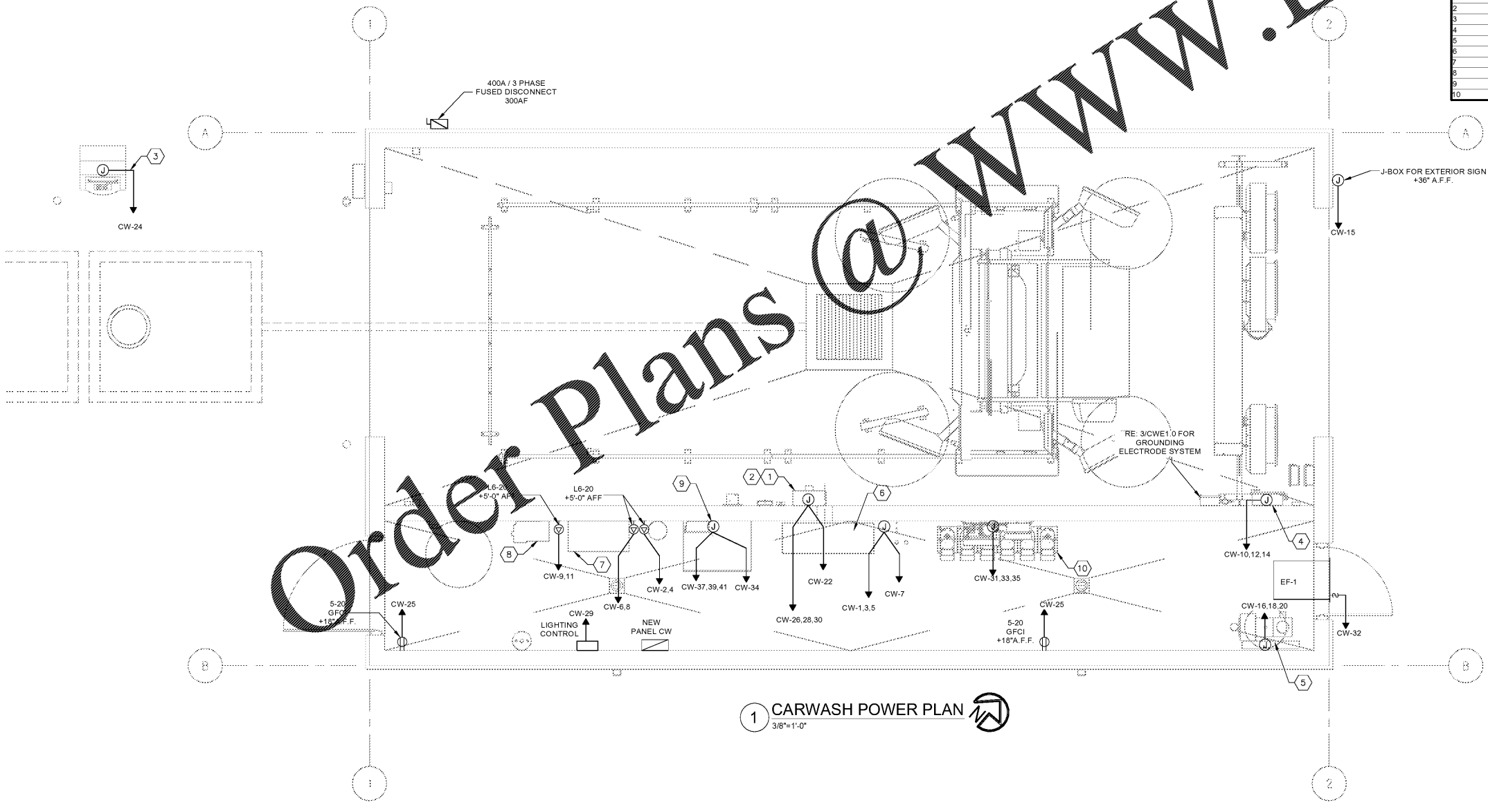
REFERENCE NUMBER	ORIGIN	TERMINUS
1	ELECTRICAL SERVICE	WASH BAY TERMINAL BOX
2	ELECTRICAL SERVICE	WASH BAY TERMINAL BOX
3	ELECTRICAL SERVICE	UNITEC C-STAR COIN BOX
4	ELECTRICAL SERVICE	MACNEIL TECH 21 DRYER
5	ELECTRICAL SERVICE	5 HP AIR COMPRESSOR
6	ELECTRICAL SERVICE	PURCLEAN RECLAIM
7	ELECTRICAL SERVICE	PURCLEAN R.O. SYSTEM
8	ELECTRICAL SERVICE	PURCLEAN REJECT CAPTURE SYSTEM PUMP
9	ELECTRICAL SERVICE	ON BOARD HP PUMP W/ CONTROL BOX
10	ELECTRICAL SERVICE	OFFBOARD CHEMICAL INJECTION PUMP

- GENERAL NOTES**
1. A LOCAL ENGINEER MUST APPROVE ALL CONSTRUCTION DRAWINGS TO VERIFY THEY MEET LOCAL, STATE, AND NATIONAL CODES.
  2. ALL ELECTRICAL FITTINGS TO BE WATERTIGHT. ANY FIXTURES IN VICINITY OF WASH UNIT TO BE WATERTIGHT INCLUDING LIGHTS.
  3. DRILL A 1/4" DIAMETER DRAIN HOLE IN THE BOTTOM OF ALL JUNCTION BOXES THAT ARE LOCATED IN THE WASH BAY.
  4. ALL MATERIALS TO BE PROVIDED AND INSTALLED BY CUSTOMER UNLESS OTHERWISE SPECIFIED.
  5. CONSULT YOUR LOCAL RYKO REPRESENTATIVE FOR DIMENSIONS OTHER THAN SHOWN.
  6. TERMINATE ALL PIPES WITH FEMALE PIPE THREADS UNLESS OTHERWISE NOTED.
  7. ALL DIMENSIONS TO BE CLEAR SPACE DIMENSIONS.
  8. DO NOT USE WIRE LARGER OR SMALLER THAN SPECIFIED.
  9. ALL WIRES #16 AWG AND SMALLER ARE TO BE TFFN STRANDED.
  10. ALL WIRES #14 AWG AND LARGER ARE TO BE THHN STRANDED.
  11. NO CONDUITS MAY ENTER THE TOP OF ANY ENCLOSURE.
  12. BUILDING DETAILS ARE FOR ILLUSTRATION, AND ARE NOT INTENDED FOR CONSTRUCTION. PURCHASER SHOULD CONSULT WITH A PROPERLY CERTIFIED ENGINEER, CONTRACTOR OR ARCHITECT WITH RESPECT TO COMPLIANCE WITH LOCAL SAFETY AND BUILDING CODES, FOR NECESSARY PERMITS AND LICENSES, AND FOR APPROPRIATE CONNECTIONS OF ALL UTILITIES.

**SYMBOL LEGEND**

- ▼ TELEPHONE/DATA OUTLET
- ⊕ JUNCTION BOX
- ⊕ 125 V RECEPTACLE, DUPLEX
- ⊕ 125 V RECEPTACLE, CEILING MOUNT DUPLEX
- ⊕ 125 V RECEPTACLE, SIMPLEX
- ⊕ 125 V RECEPTACLE, DOUBLE DUPLEX
- ⊕ SPECIAL RECEPTACLE (SEE NEMA CONFIG)
- ⊕ FUSED DISCONNECT
- ⊕ NON-FUSED DISCONNECT
- ⊕ WALL SWITCH
- ⊕ PANEL BOARD

(NOTE: NOT ALL SYMBOLS ARE USED)



1 CARWASH POWER PLAN  
3/8"=1'-0"

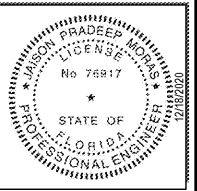
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**4**  
**Enhaci & Peterson**  
Architects Engineers Planners

CLIENT NAME  
**BLACKFIN PARTNERS INVESTMENTS, INC.**  
4400 PCA BLVD, SUITE 600  
PALM BEACH GARDENS, FL 33410

PROJECT NAME  
**7-ELEVEN #1795 - OCALA, FL**  
9000 BLOCK OF SE MARICAMP ROAD  
OCALA, FL 34470

SHEET TITLE  
**CAR WASH POWER PLAN**



RELEASE

PROJECT NO.	DATE	DRAWN	CHECKED
220035	12/17/2020	SS	JS

**CWE1.0**