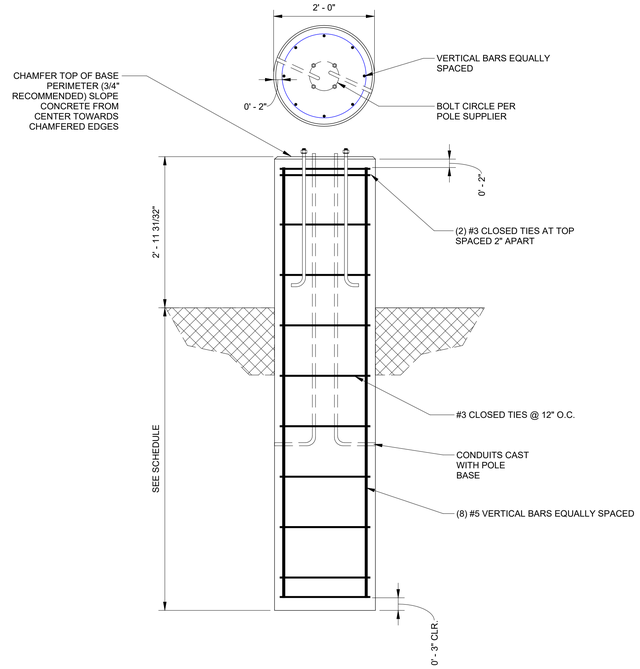
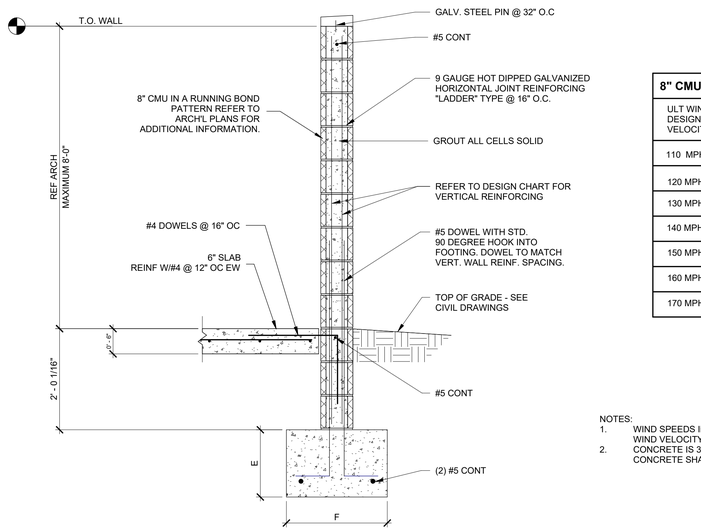


LIGHT POLE BASE DESIGN CHART		
OVERALL HEIGHT	WIND	BEARING DEPTH
20 FT	110 MPH	4'-10"
	120 MPH	5'-4"
	130 MPH	5'-6"
	140 MPH	5'-10"
	150 MPH	6'-2"
	160 MPH	6'-6"
	170 MPH	6'-9"
25 FT	110 MPH	5'-8"
	120 MPH	6'-0"
	130 MPH	6'-4"
	140 MPH	6'-8"
	150 MPH	7'-0"
	160 MPH	7'-4"
	170 MPH	7'-8"
30 FT	110 MPH	6'-4"
	120 MPH	6'-8"
	130 MPH	7'-0"
	140 MPH	7'-4"
	150 MPH	7'-10"
	160 MPH	8'-2"
	170 MPH	8'-6"

NOTES:
1. WIND SPEEDS INDICATED ARE ULTIMATE, EXPOSURE C. REFER TO BUILDING GENERAL NOTES FOR WIND VELOCITY.
2. MAXIMUM POLE SIZE IS 5" SQUARE OR ROUND.
3. LIGHT FIXTURE MAXIMUM EPA = 3.0
4. CONCRETE IS 3000 PSI NORMAL WEIGHT. WHERE SUBJECTED TO FREEZE/THAW CONDITIONS, CONCRETE SHALL BE 4500 PSI WITH 6% (±1%) AIR ENTRAINMENT.

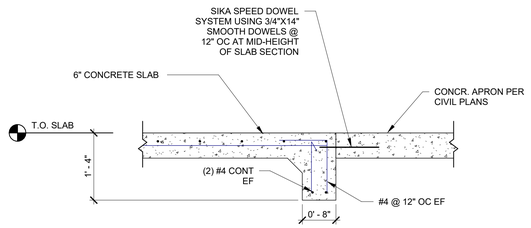
1 LIGHT POLE BASE
SCALE: 3/4" = 1'-0"



8" CMU DUMPSTER WALLS/FOOTINGS DESIGN CHART			
ULT WIND DESIGN VELOCITY	DIM "F"	DIM "E"	WALL VERTICAL REINFORCEMENT
110 MPH	2' - 0"	1' - 4"	(2) #5 [EDGE SPACING] @ 48"
120 MPH	2' - 0"	1' - 4"	(2) #5 [EDGE SPACING] @ 40"
130 MPH	2' - 0"	1' - 4"	(2) #5 [EDGE SPACING] @ 40"
140 MPH	2' - 0"	1' - 4"	(2) #5 [EDGE SPACING] @ 32"
150 MPH	2' - 0"	1' - 4"	(2) #5 [EDGE SPACING] @ 24"
160 MPH	2' - 0"	1' - 4"	(2) #5 [EDGE SPACING] @ 24"
170 MPH	2' - 0"	1' - 4"	(2) #5 [EDGE SPACING] @ 16"

NOTES:
1. WIND SPEEDS INDICATED ARE ULTIMATE, EXPOSURE C. REFER TO BUILDING GENERAL NOTES FOR WIND VELOCITY.
2. CONCRETE IS 3000 PSI NORMAL WEIGHT. WHERE SUBJECTED TO FREEZE/THAW CONDITIONS, CONCRETE SHALL BE 4500 PSI WITH 6% (±1%) AIR ENTRAINMENT.

2 8" CMU DUMPSTER WALL
SCALE: 3/4" = 1'-0"



3 DUMPSTER ENTRY DETAIL
SCALE: 3/4" = 1'-0"

LDG
Larson Design Group
1000 COMMERCE PARK DRIVE
SUITE 201
WILLIAMSPORT, PA 17701
(877) 323-6603

MAVIS TIRE SUPPLY, LLC
358 SAW MILL RIVER ROAD
MILLWOOD, NY 10546
(914) 984-2500

CLIENT

DATE
MARK

MAVIS TIRES. BRAKES. DISCOUNT PRICES

LIGHT POLE BASES AND DUMPSTER

Project No.:

Sheet No.:

S-501

BASED ON 8-BAY SQUARE PROTOTYPE DATED SEPT 8 2023

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