

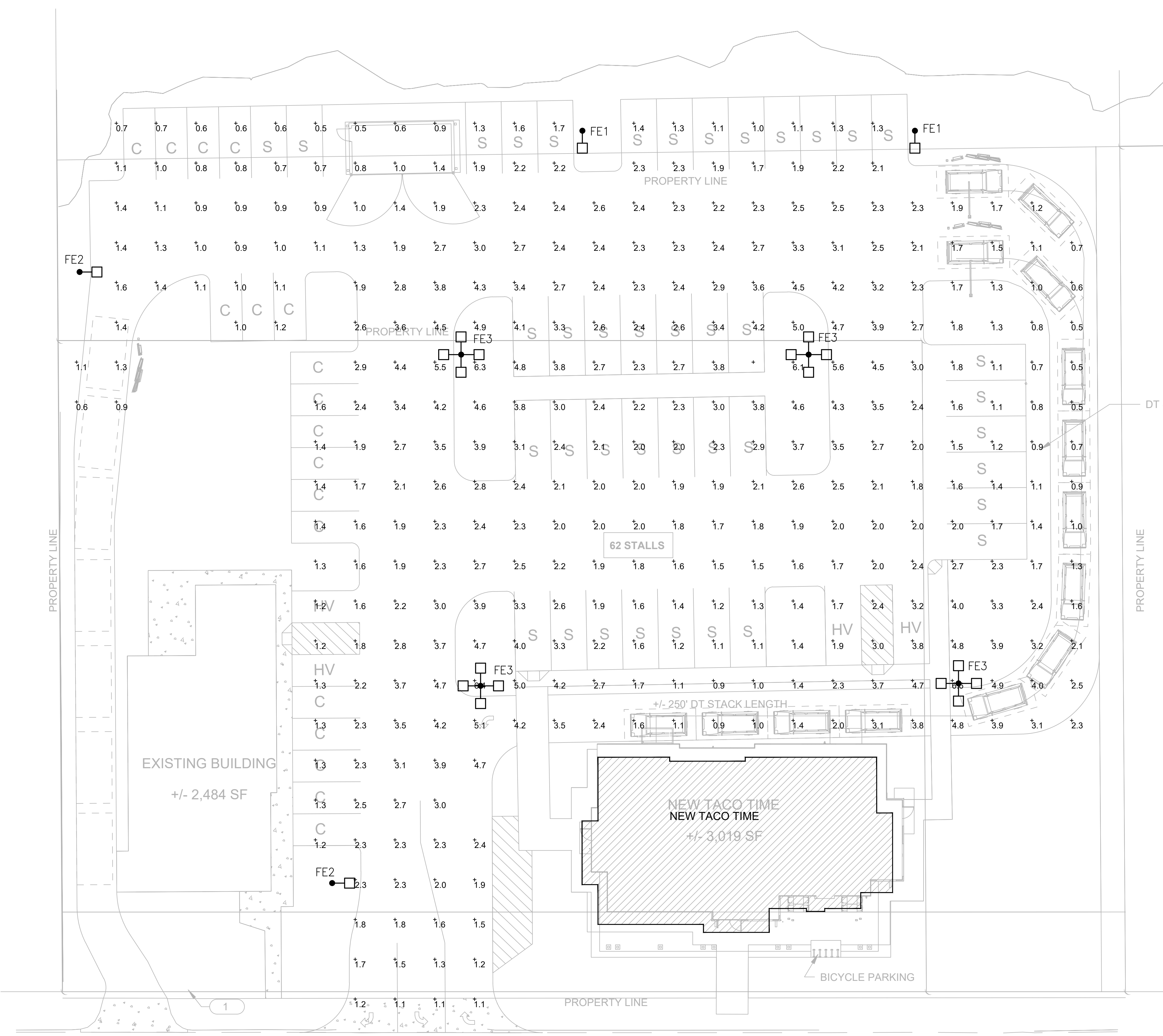


REVISIONS

NO.	DATE	DESCRIPTION

DATE: 09-11-2023
 BCRA NO.:
 CADD FILE:
 SHEET TITLE:
LIGHTING CALCULATION ELECTRICAL SITE PLAN

LIGHTING FIXTURE SCHEDULE - SITE			
TYPE	DESCRIPTION	LAMP	WATTS/ FIXT
FE1	POLE, ARM MOUNTED LED LUMINAIRE, NOMINALLY 15" BY 21" WITH DIE CAST ALUMINUM HOUSING. TYPE 4 FULL CUT OFF OPTICS WITH HOUSE SIDE SHIELD. LIGHT SQUARE WITH EXTENDED ARM. STRAIGHT SQUARE SEVEN GAUGE STEEL POLE 16'-0" FT ON PRE MANUFACTURED BASE. POLE AND LUMINAIRE MANUFACTURERS STANDARD FINISH AS SELECTED BY ARCHITECT. COOPER LIGHTING GLEON-AF-01-LED-E1-SL4-HSS	LED 4000K	59
FE2	POLE, ARM MOUNTED LED LUMINAIRE, NOMINALLY 15" BY 21" WITH DIE CAST ALUMINUM HOUSING. TYPE 2 OPTICS WITH ONE LIGHT SQUARE EACH HEAD WITH EXTENDED ARM. STRAIGHT SQUARE SEVEN GAUGE STEEL POLE 16'-0" FT ON PRE MANUFACTURED BASE. POLE AND LUMINAIRE MANUFACTURERS STANDARD FINISH AS SELECTED BY ARCHITECT. COOPER LIGHTING GLEON-AF-01-LED-E1-SL2	LED 4000K	59
FE3	FOUR POLE, ARM MOUNTED LED LUMINAIRES, NOMINALLY 15" BY 21" WITH DIE CAST ALUMINUM HOUSING. TYPE 4 FORWARD FULL CUT OFF THROW OPTICS. ONE LIGHT SQUARE WITH EXTENDED ARM. STRAIGHT SQUARE SEVEN GAUGE STEEL POLE 16'-0" FT ON PRE MANUFACTURED BASE. POLE AND LUMINAIRE MANUFACTURERS STANDARD FINISH AS SELECTED BY ARCHITECT. COOPER LIGHTING GLEON-AF-01-LED-E1-SL4FT	LED 4000K	236
FE4	BUILDING MOUNTED LUMINAIRE WITH, NOMINALLY 10" BY 6" WITH DIE CAST ALUMINUM HOUSING. TYPE 4 OPTICS FULL CUT OFF OPTICS MANUFACTURERS STANDARD FINISH AS SELECTED BY ARCHITECT. HUBBELL LNC2-12LU-4K-4	LED 4000K	28



Calculation Summary						
Label	Calc Type	Units	Avg	Max	Min	Max/Min
PARKING LOT_Planar	Illuminance	Fc	2.26	6.6	0.5	4.52 / 13.20

LIGHTING CALCULATIONS SITE PLAN
 SCALE: 1" = 20'-0"



