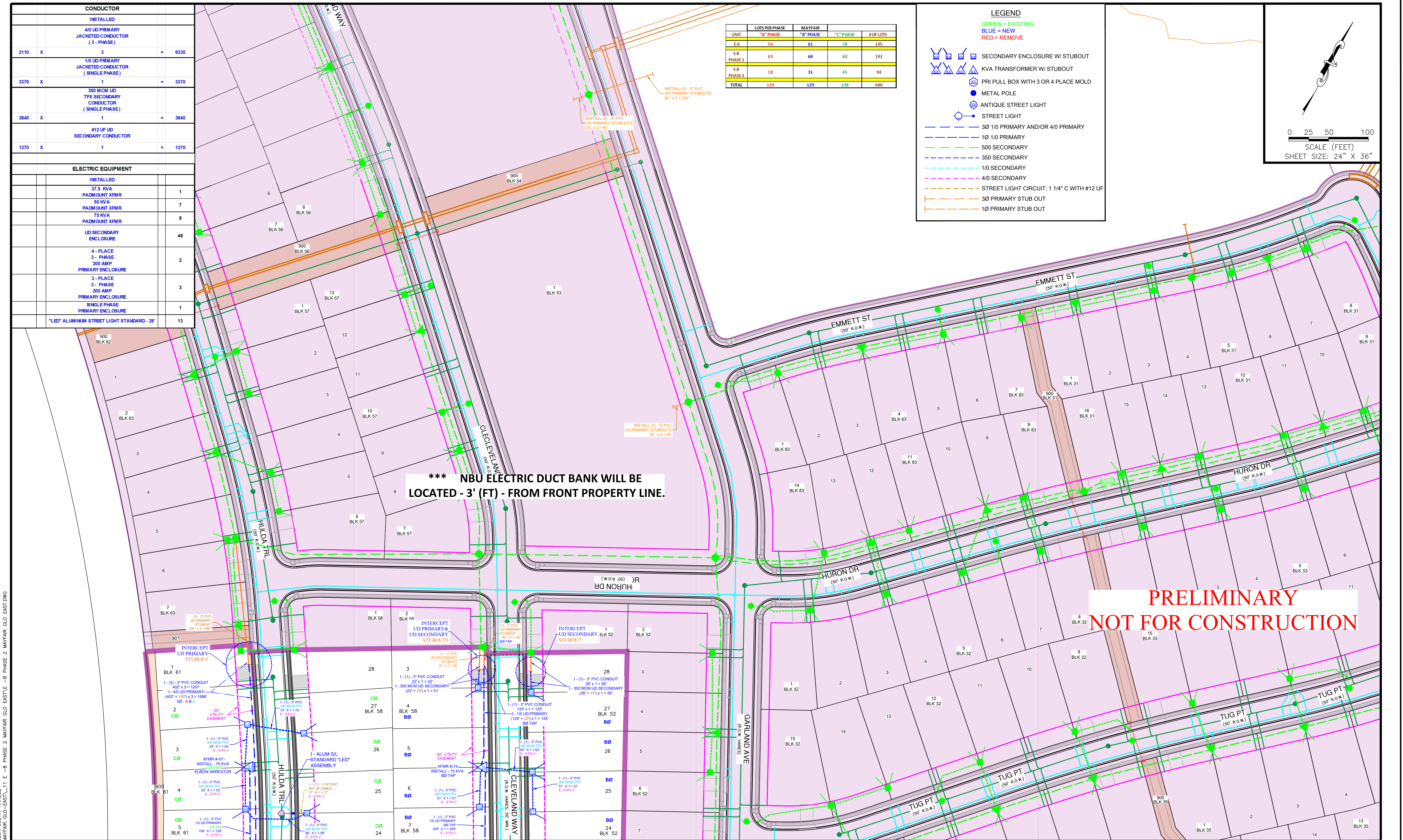


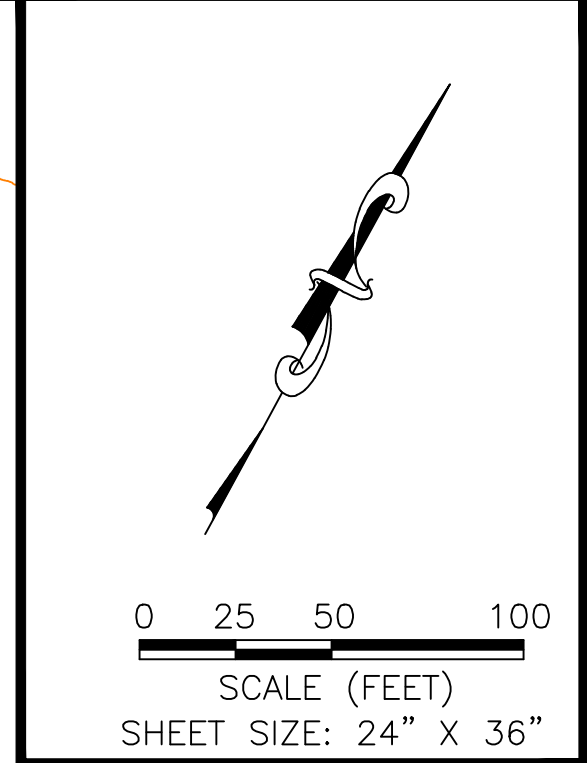
Date: 2/22/2024 7:04 AM User: JUSTIN KRAUSE
File: T:\NBU\2022\OH MAYFAIR GLO-EAST_11 E -8 PHASE 2 MAYFAIR GLO EAST.DWG



CONDUCTOR				
INSTALLED				
4/0 UD PRIMARY JACKETED CONDUCTOR (3 - PHASE)				
2110	X	3	=	6330
1/0 UD PRIMARY JACKETED CONDUCTOR (SINGLE PHASE)				
3370	X	1	=	3370
350 MCM UD TYP SECONDARY CONDUCTOR (SINGLE PHASE)				
3840	X	1	=	3840
#12 UF UD SECONDARY CONDUCTOR				
1370	X	1	=	1370
ELECTRIC EQUIPMENT				
INSTALLED				
37.5 KVA PADMOUNT XFMR		1		
50 KVA PADMOUNT XFMR		7		
75 KVA PADMOUNT XFMR		8		
UD SECONDARY ENCLOSURE		48		
4 - PLACE 3 - PHASE 200 AMP PRIMARY ENCLOSURE		2		
3 - PLACE 3 - PHASE 200 AMP PRIMARY ENCLOSURE		3		
SINGLE PHASE PRIMARY ENCLOSURE		1		
"LED" ALUMINUM STREET LIGHT STANDARD - 28"		13		

UNIT	LOTS PER PHASE		MAYFAIR		11C PHASE		# OF LOTS
	A PHASE	B PHASE	A PHASE	B PHASE	A PHASE	B PHASE	
E-6	56	61			78		195
E-8 PHASE 1	63	68			60		191
E-8 PHASE 2	18	31			45		94
TOTAL	119	129			138		480

- LEGEND
- GREEN = EXISTING
BLUE = NEW
RED = REMOVE
- SECONDARY ENCLOSURE W/ STUBOUT
 - KVA TRANSFORMER W/ STUBOUT
 - PRI PULL BOX WITH 3 OR 4 PLACE MOLD
 - METAL POLE
 - ANTIQUE STREET LIGHT
 - STREET LIGHT
 - 30 1/0 PRIMARY AND/OR 4/0 PRIMARY
 - 10 1/0 PRIMARY
 - 500 SECONDARY
 - 350 SECONDARY
 - 1/0 SECONDARY
 - 4/0 SECONDARY
 - STREET LIGHT CIRCUIT; 1 1/4" C WITH #12 UF
 - 30 PRIMARY STUB OUT
 - 10 PRIMARY STUB OUT



MATCHLINE -REFER TO SHEET 2

*** THE QUANTITIES SHOWN ON THE PLANS AND THE BID DOCUMENTS ARE ESTIMATED QUANTITIES AND BASED ON THE PLAN SET AND TO BE USED FOR BIDDING PURPOSE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ACTUAL QUANTITIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESOLVE ANY PERCEIVED DISCREPANCIES IN THE QUANTITIES WITH THE OWNER PRIOR BEGINNING ANY CONSTRUCTION WORK.

M&S ENGINEERING
CIVIL | ELECTRICAL | STRUCTURAL | MEP
TEXAS REGISTERED ENGINEERING FIRM
F-1394

ELECTRIC ENGINEERING 385 FM 300 P.O. BOX 310289 NEW BRAUNFELS, TEXAS 78131 830-608-8551		NOTES		PROJECT LOCATION E -8 PHASE 2 MAYFAIR GLO EAST	
DATE: 2/22/2024	BY: J. KRAUSE	DATE: 2/22/2024	BY: J. KRAUSE	DATE: 2/22/2024	BY: J. KRAUSE
SCALE: 1" = 50'	SCALE: 1" = 50'	SCALE: 1" = 50'	SCALE: 1" = 50'	SCALE: 1" = 50'	SCALE: 1" = 50'
1 OF 4	1 OF 4	1 OF 4	1 OF 4	1 OF 4	1 OF 4



PRELIMINARY
NOT FOR CONSTRUCTION

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