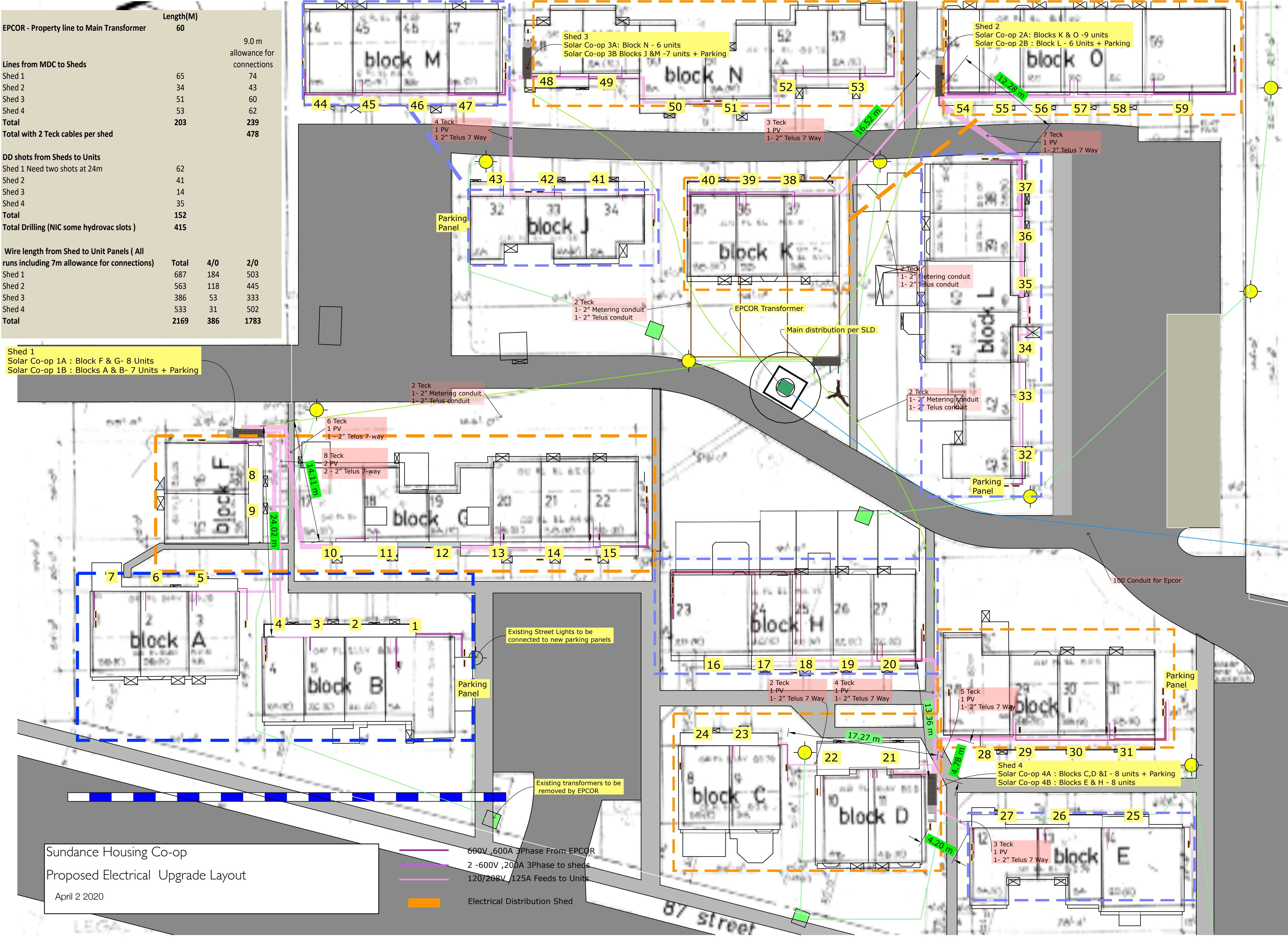


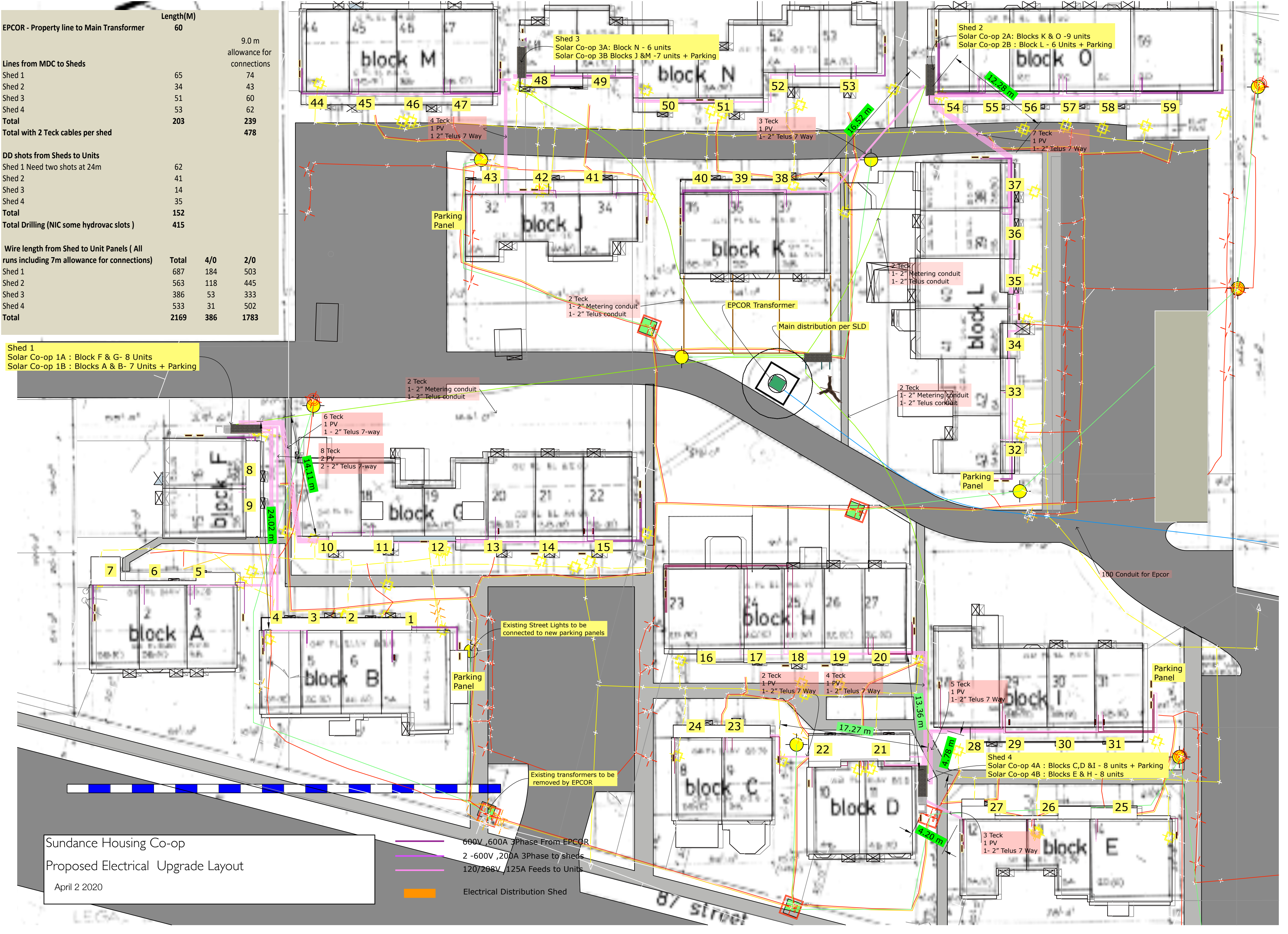
EPCOR - Property line to Main Transformer				Length(M)	
				60	
					9.0 m allowance for connections
Lines from MDC to Sheds					
Shed 1				65	74
Shed 2				34	43
Shed 3				51	60
Shed 4				53	62
Total				203	239
Total with 2 Teck cables per shed					478
DD shots from Sheds to Units					
Shed 1 Need two shots at 24m				62	
Shed 2				41	
Shed 3				14	
Shed 4				35	
Total				152	
Total Drilling (NIC some hydrovac slots)				415	
Wire length from Shed to Unit Panels (All runs including 7m allowance for connections)				Total	4/0 2/0
Shed 1				687	184 503
Shed 2				563	118 445
Shed 3				386	53 333
Shed 4				533	31 502
Total				2169	386 1783

Shed 1
Solar Co-op 1A : Block F & G- 8 Units
Solar Co-op 1B : Blocks A & B- 7 Units + Parking



EPCOR - Property line to Main Transformer	60		
		9.0 m	
		allowance for	
		connections	
Lines from MDC to Sheds			
Shed 1	65	74	
Shed 2	34	43	
Shed 3	51	60	
Shed 4	53	62	
Total	203	239	
Total with 2 Teck cables per shed		478	
DD shots from Sheds to Units			
Shed 1 Need two shots at 24m	62		
Shed 2	41		
Shed 3	14		
Shed 4	35		
Total	152		
Total Drilling (NIC some hydrovac slots)	415		
Wire length from Shed to Unit Panels (All runs including 7m allowance for connections)	Total	4/0	2/0
Shed 1	687	184	503
Shed 2	563	118	445
Shed 3	386	53	333
Shed 4	533	31	502
Total	2169	386	1783

Shed 1
Solar Co-op 1A : Block F & G- 8 Units
Solar Co-op 1B : Blocks A & B- 7 Units + Parking

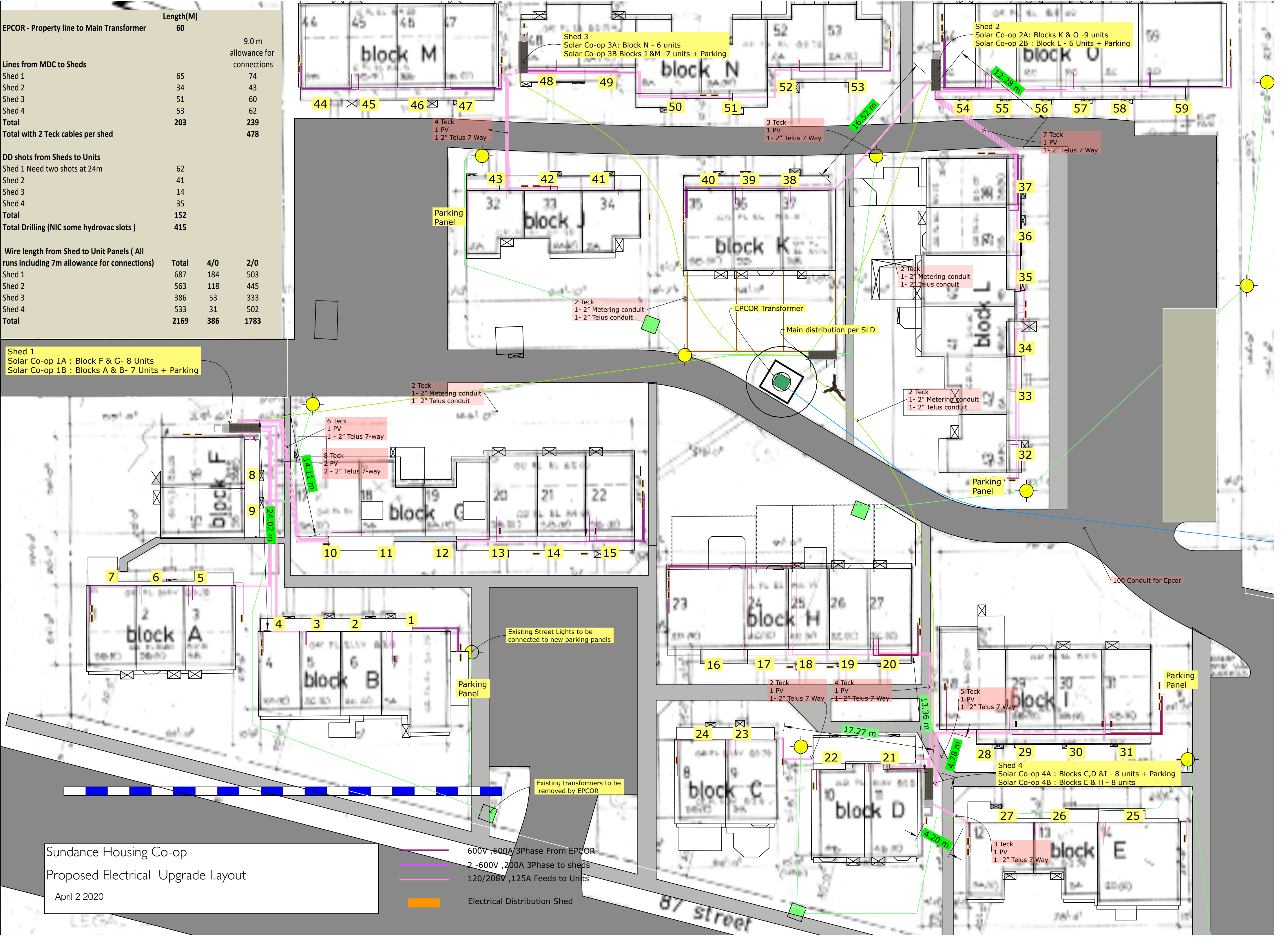


Sundance Housing Co-op
Proposed Electrical Upgrade Layout
April 2 2020

600V ,600A 3Phase From EPCOR
2 -600V ,200A 3Phase to sheds
120/208V ,125A Feeds to Units
Electrical Distribution Shed

EPCOR - Property line to Main Transformer	60	
		9.0 m allowance for connections
Lines from MDC to Sheds		
Shed 1	65	74
Shed 2	34	43
Shed 3	51	60
Shed 4	53	62
Total	203	239
Total with 2 Teck cables per shed		478
DD shots from Sheds to Units		
Shed 1 Need two shots at 24m	62	
Shed 2	41	
Shed 3	14	
Shed 4	35	
Total	152	
Total Drilling (NIC some hydrovac slots)	415	
Wire length from Shed to Unit Panels (All runs including 7m allowance for connections)		
	Total	4/0 2/0
Shed 1	687	184 503
Shed 2	563	118 445
Shed 3	386	53 333
Shed 4	533	31 502
Total	2169	386 1783

Shed 1
Solar Co-op 1A : Block F & G- 8 Units
Solar Co-op 1B : Blocks A & B- 7 Units + Parking



Sundance Housing Co-op
Proposed Electrical Upgrade Layout
April 2 2020

- New Parking outlet
- Repair existing outlet
- New EV Charger

- New Parking outlet
- New EV Charger

SECONDARY SHED #3

SECONDARY SHED #2

SECONDARY SHED #1

MAIN DISTRIBUTION SHED
MAIN TRANSFORMER

EPCOR ENTRY POINT

SUNDANCE HOUSING CO-OPERATIVE ELECTRICAL UPGRADE

MAIN LINE FROM EPCOR
LINES TO SECONDARY SHEDS
LINES TO UNITS

Parking panel

Parking Panel

20.17 m

20.51 m

SECONDARY SHED #4

