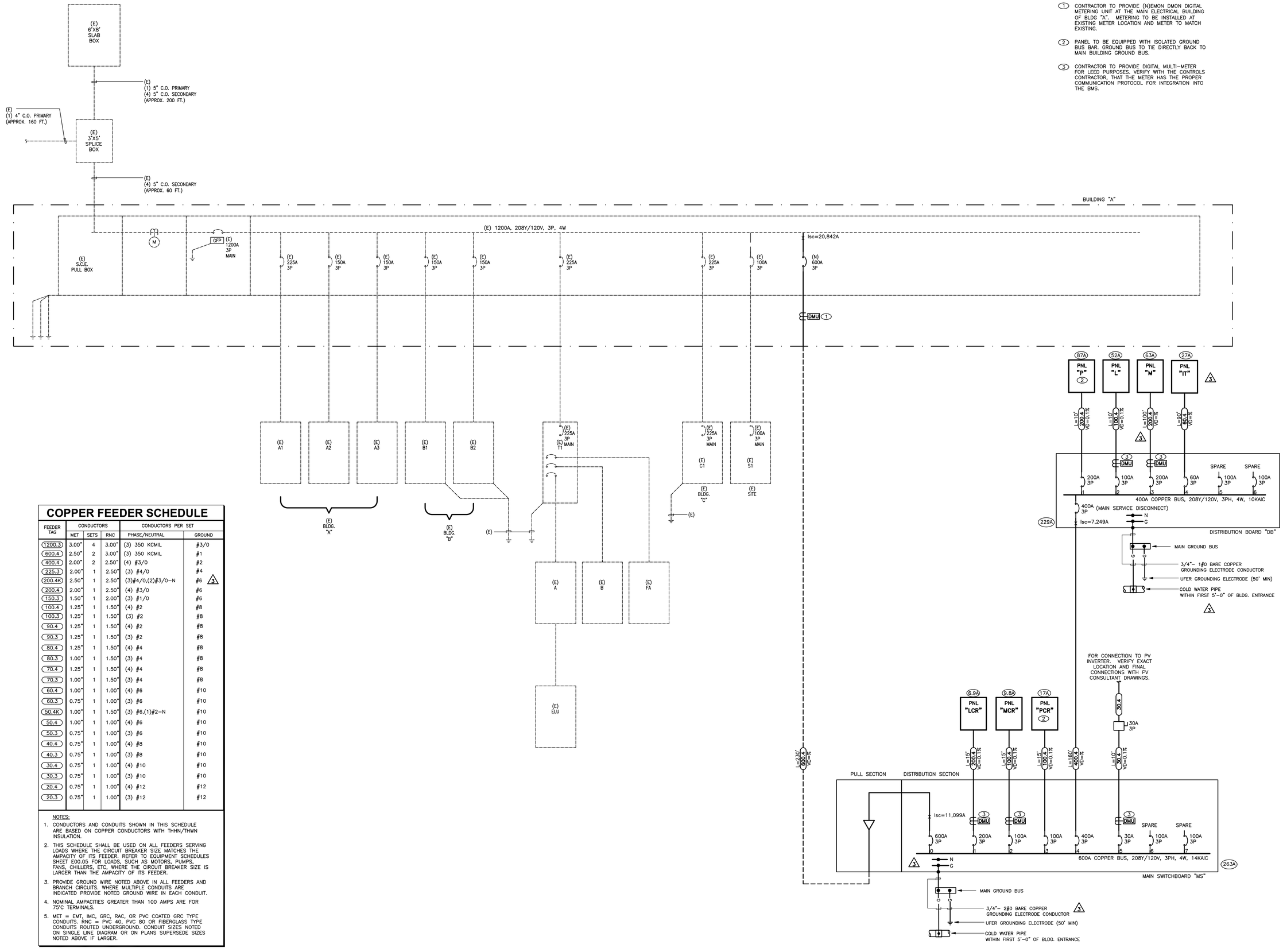
SHEET NOTES

1. CONTRACTOR TO PROVIDE (N)EMON DMON DIGITAL METERING UNIT AT THE MAIN ELECTRICAL BUILDING OF BLDG "A". METERING TO BE INSTALLED AT EXISTING METER LOCATION AND METER TO MATCH EXISTING.
2. PANEL TO BE EQUIPPED WITH ISOLATED GROUND BUS BAR. GROUND BUS TO TIE DIRECTLY BACK TO MAIN BUILDING GROUND BUS.
3. CONTRACTOR TO PROVIDE DIGITAL MULTI-METER FOR LEED PURPOSES. VERIFY WITH THE CONTROLS CONTRACTOR, THAT THE METER HAS THE PROPER COMMUNICATION PROTOCOL FOR INTEGRATION INTO THE BMS.



COPPER FEEDER SCHEDULE

FEEDER TAG	CONDUCTORS			CONDUCTORS PER SET	
	MET	SETS	RNC	PHASE/NEUTRAL	GROUND
1200.3	3.00"	4	3.00"	(3) 350 KCMIL	#3/0
600.4	2.50"	2	3.00"	(3) 350 KCMIL	#1
400.4	2.00"	2	2.50"	(4) #3/0	#2
225.3	2.00"	1	2.50"	(3) #4/0	#4
200.4K	2.50"	1	2.50"	(3)#4/0,(2)#3/0-N	#6 3
200.4	2.00"	1	2.50"	(4) #3/0	#6
150.3	1.50"	1	2.00"	(3) #1/0	#6
100.4	1.25"	1	1.50"	(4) #2	#8
100.3	1.25"	1	1.50"	(3) #2	#8
90.4	1.25"	1	1.50"	(4) #2	#8
90.3	1.25"	1	1.50"	(3) #2	#8
80.4	1.25"	1	1.50"	(4) #4	#8
80.3	1.00"	1	1.50"	(3) #4	#8
70.4	1.25"	1	1.50"	(4) #4	#8
70.3	1.00"	1	1.50"	(3) #4	#8
60.4	1.00"	1	1.00"	(4) #6	#10
60.3	0.75"	1	1.00"	(3) #6	#10
50.4K	1.00"	1	1.50"	(3) #6,(1)#2-N	#10
50.4	1.00"	1	1.00"	(4) #6	#10
50.3	0.75"	1	1.00"	(3) #6	#10
40.4	0.75"	1	1.00"	(4) #8	#10
40.3	0.75"	1	1.00"	(3) #8	#10
30.4	0.75"	1	1.00"	(4) #10	#10
30.3	0.75"	1	1.00"	(3) #10	#10
20.4	0.75"	1	1.00"	(4) #12	#12
20.3	0.75"	1	1.00"	(3) #12	#12

NOTES:

1. CONDUCTORS AND CONDUITS SHOWN IN THIS SCHEDULE ARE BASED ON COPPER CONDUCTORS WITH THHN/THWN INSULATION.
2. THIS SCHEDULE SHALL BE USED ON ALL FEEDERS SERVING LOADS WHERE THE CIRCUIT BREAKER SIZE MATCHES THE AMPACITY OF ITS FEEDER. REFER TO EQUIPMENT SCHEDULES SHEET E00.05 FOR LOADS, SUCH AS MOTORS, PUMPS, FANS, CHILLERS, ETC, WHERE THE CIRCUIT BREAKER SIZE IS LARGER THAN THE AMPACITY OF ITS FEEDER.
3. PROVIDE GROUND WIRE NOTED ABOVE IN ALL FEEDERS AND BRANCH CIRCUITS. WHERE MULTIPLE CONDUITS ARE INDICATED PROVIDE NOTED GROUND WIRE IN EACH CONDUIT.
4. NOMINAL AMPACITIES GREATER THAN 100 AMPS ARE FOR 75°C TERMINALS.
5. MET = EMT, IMC, GRC, RAC, OR PVC COATED GRC TYPE CONDUITS. RNC = PVC 40, PVC 80 OR FIBERGLASS TYPE CONDUITS ROUTED UNDERGROUND. CONDUIT SIZES NOTED ON SINGLE LINE DIAGRAM OR ON PLANS SUPERSEDE SIZES NOTED ABOVE IF LARGER.

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ARCHITECT'S PROJECT NO.
1001

ARCHITECT

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Miriam Mulder,
Architecture Services Manager

CITY OF SANTA MONICA
DEPARTMENT OF PUBLIC WORKS

REVIEWED BY: DATE: ____ 20__

REVIEWED BY: DATE: ____ 20__

REVIEWED BY: DATE: ____ 20__

CITY CLIENT

NO.	DATE	BY	DESCRIPTION
3	05/07/12		PLAN CHECK 1
2	03/06/12		ADDENDUM 3
1	02/21/12		ADDENDUM 2

REVISIONS

ISSUE
PLAN CHECK CORRECTIONS

DATE
05/07/2012

DRAWING NO.
6693

SHEET TITLE
SINGLE LINE DIAGRAM

SHEET NO.
E0.2

SHEET OF

DWG NO. -

TITLE OF PROJECT