

### BUILDING 1A, 1B AND 2

AMPERES	VOLTS	PHASE	MOUNTING SURFACE	SECTION
400A	120/208	3	SWF	1

CIRCUIT BREAKER	NO. OF	LOAD DESCRIPTION	LOAD DESCRIPTION
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER

### BUILDING 3 AND 4

AMPERES	VOLTS	PHASE	MOUNTING SURFACE	SECTION
1000A	120/208	3	SWF	1

CIRCUIT BREAKER	NO. OF	LOAD DESCRIPTION	LOAD DESCRIPTION
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER

AMPERES	VOLTS	PHASE	MOUNTING SURFACE	SECTION
400A	120/208	3	SWF	1

CIRCUIT BREAKER	NO. OF	LOAD DESCRIPTION	LOAD DESCRIPTION
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER

AMPERES	VOLTS	PHASE	MOUNTING SURFACE	SECTION
250A	120/208	3	SWF	2

CIRCUIT BREAKER	NO. OF	LOAD DESCRIPTION	LOAD DESCRIPTION
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER

AMPERES	VOLTS	PHASE	MOUNTING SURFACE	SECTION
250A	120/208	3	SWF	2

CIRCUIT BREAKER	NO. OF	LOAD DESCRIPTION	LOAD DESCRIPTION
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER

AMPERES	VOLTS	PHASE	MOUNTING SURFACE	SECTION
250A	120/208	3	SWF	2

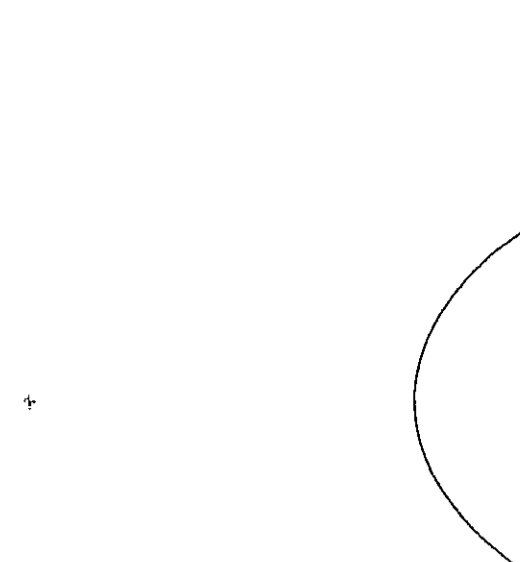
CIRCUIT BREAKER	NO. OF	LOAD DESCRIPTION	LOAD DESCRIPTION
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER

AMPERES	VOLTS	PHASE	MOUNTING SURFACE	SECTION
125A	120/208	3	SWF	3

CIRCUIT BREAKER	NO. OF	LOAD DESCRIPTION	LOAD DESCRIPTION
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER

AMPERES	VOLTS	PHASE	MOUNTING SURFACE	SECTION
125A	120/208	3	SWF	3

CIRCUIT BREAKER	NO. OF	LOAD DESCRIPTION	LOAD DESCRIPTION
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER
200/3	1	200/3	ELEV. POWER



**THE LESSARD ARCHITECTURAL GROUP INC.**  
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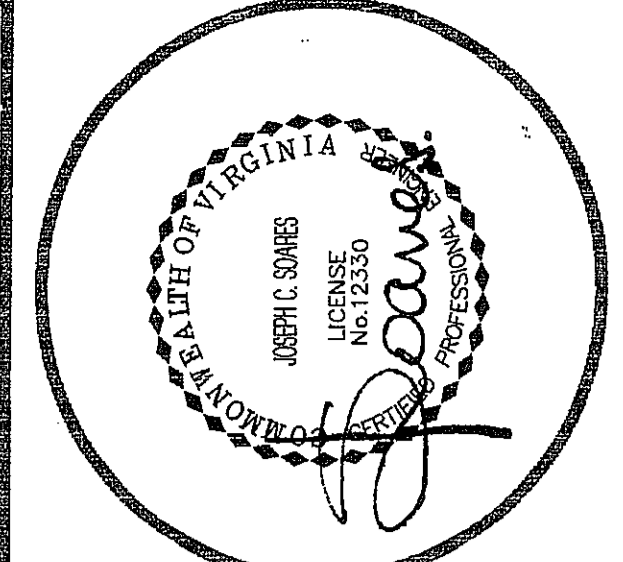
**OWNER / DEVELOPER**  
IADG  
DEVELOPMENT COMPANY  
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**GEOTECHNICAL ENGINEER**

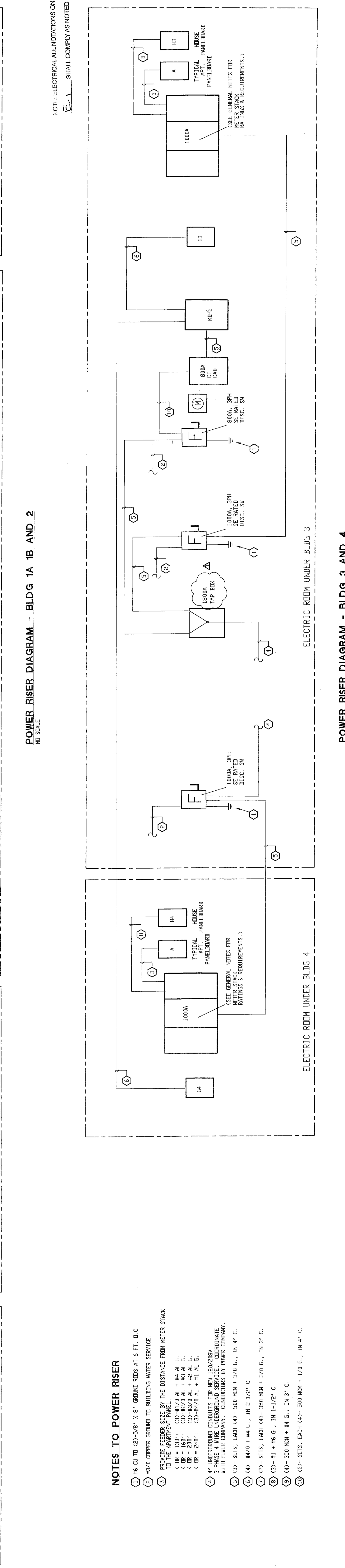
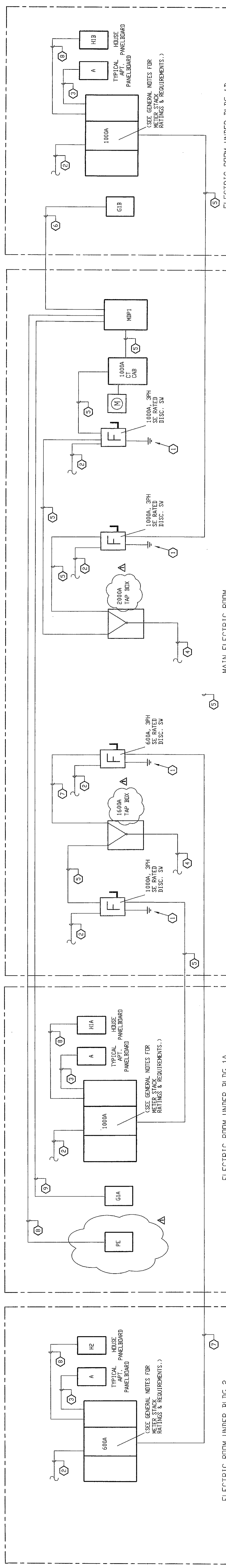


CHECKED BY	DATE	REVISION	DATE

**SCHEDULES & RISER DIAGRAMS**

PROJECT NAME: METRO PLACE CONDOS AT DUNN LORING FAIRFAX COUNTY VIRGINIA.

DRAWN BY: JCS  
PROJECT NO.: 2012-03  
DATE: 08/20/13  
SCALE: 1/8" = 1'-0"  
SHEET NO.: E-17



NOTE: ELECTRICAL ALL NOTATIONS ON E-17 SHALL COMPLY AS NOTED

- NOTES TO POWER RISER**
- 1) 1/2" CU TO (2)-5/8" X 8' GROUND RODS AT 6 FT. D.C.
  - 2) 1/2" COPPER GROUND TO BUILDING WATER SERVICE.
  - 3) FEEDER FEEDER SIZE BY THE DISTANCE FROM METER STACK.  
 (CB = 120', C3=181/2 AL + 84 AL G.  
 (CB = 160', C3=182/2 AL + 84 AL G.  
 (CB = 200', C3=183/2 AL + 84 AL G.  
 (CB = 240', C3=184/2 AL + 84 AL G.)
  - 4) UNDERGROUND CONDUITS FOR NEW DEVICES/RELOCATIONS TO BE INSTALLED AS NOTED IN THE RISER DIAGRAMS WITH POWER COMPANY. CONDUCTORS BY POWER COMPANY.
  - 5) (3)-1/2" SETS, EACH (4)-500 MCM + 3/0 G., IN 4" C.
  - 6) (3)-1/2" SETS, EACH (4)-500 MCM + 3/0 G., IN 3" C.
  - 7) (3)-1/2" SETS, EACH (4)-500 MCM + 3/0 G., IN 3" C.
  - 8) (3)-1/2" SETS, EACH (4)-500 MCM + 3/0 G., IN 3" C.
  - 9) (3)-1/2" SETS, EACH (4)-500 MCM + 3/0 G., IN 3" C.