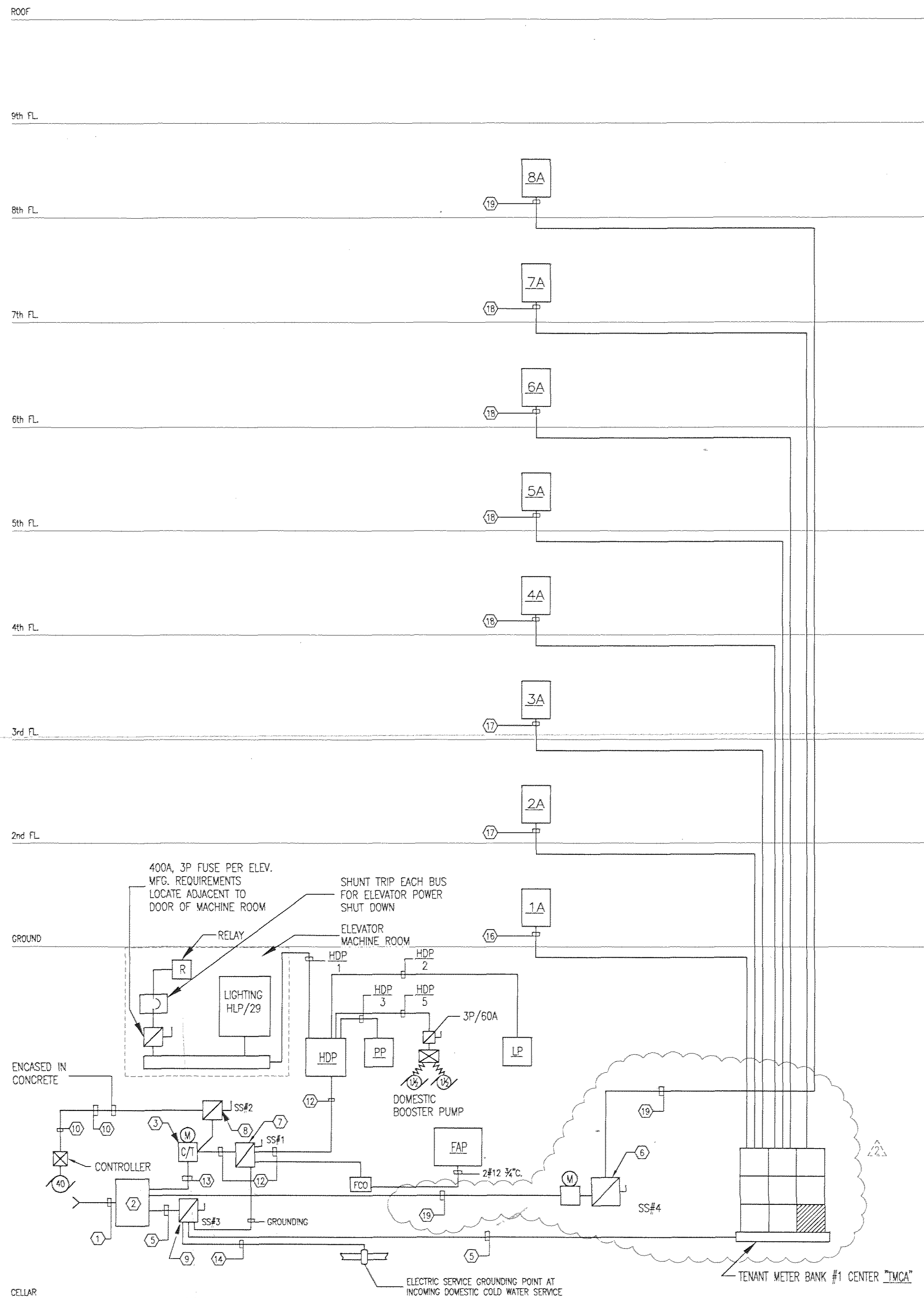
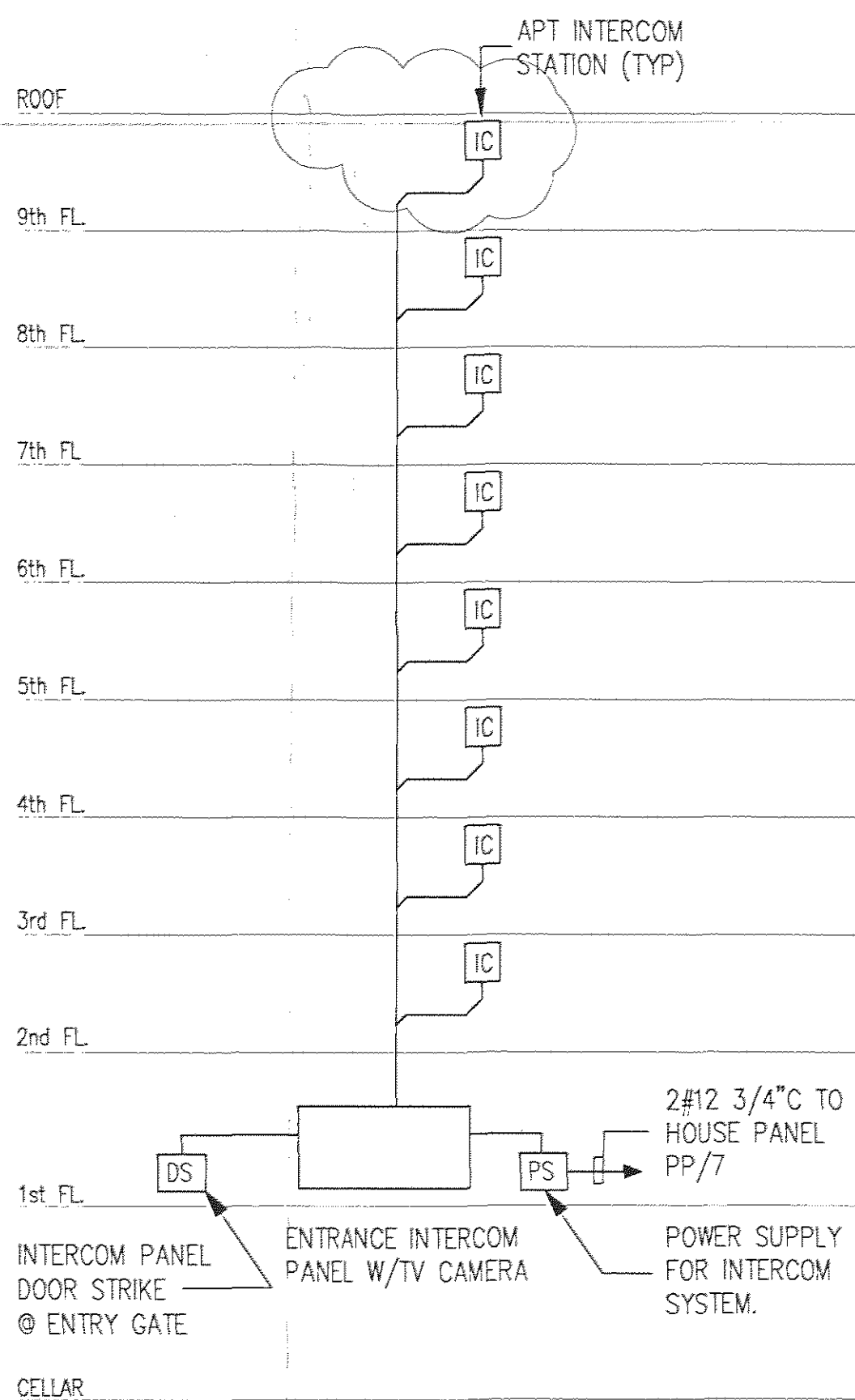




LIGHT AND POWER RISER DIAGRAM
N.T.S.

LEGEND FOR LIGHT AND POWER RISER DIAGRAM

- ① INCOMING UTILITY ELECTRICAL SERVICE, 120/208 V, 3 PHASE, 4W PER UTILITY REQUIREMENTS. SEAL CONDUITS THRU FOUNDATION WALL WATERTIGHT PER UTILITY CO. SPECIFICATIONS. COORDINATE SERVICE LOCATION WITH UTILITY CO. INSTALL 4-4" E.C. FOR UTILITY WIRING.
- ② SERVICE END BOX PER UTILITY SPECIFICATIONS.
- ③ CURRENT TRANSFORMER CABINET AND ASSOCIATED METER PANS AND WIRING PER UTILITY SPECIFICATIONS.
- ④ NOT USED
- ⑤ (1) 4 # 500 MCM, 1 # 2 GR, 4" C.
- ⑥ SERVICE SWITCH 200A, 3P, 240V WITH 125A, CURRENT LIMITING FUSE, EQUAL TO BUSSMAN HI-CAP.
- ⑦ SERVICE SWITCH 400A, 3P, 240 V, WITH 350A CURRENT LIMITING FUSE, EQUAL TO BUSSMAN HI-CAP.
- ⑧ SERVICE SWITCH 800A, 3P, 240 V, WITH 400A CURRENT LIMITING FUSE, EQUAL TO BUSSMAN HI-CAP.
- ⑨ SERVICE SWITCH 400A, 3P, 240 V, WITH 250A CURRENT LIMITING FUSE, EQUAL TO BUSSMAN HI-CAP.
- ⑩ (4) #6, 1#5 GR-2 1/2" C.
- ⑪ 4#8, 1#12 GR-1" C.
- ⑫ 4-500MCM, 1#2 GR-4" C.
- ⑬ (2) 4#300 MCM, 1#2 GR - 3" C.
- ⑭ SERVICE GROUND PER NATIONAL ELECTRICAL CODE (NEC).
- ⑮ WIRING GUTTER PER NEC FOR NUMBER OF CABLES AND SPLICER REQUIRED.
- ⑯ 3#4, 1#8 GR-1 1/2" C.
- ⑰ 3#1, 1#6 GR-1 1/2" C.
- ⑱ 3# 2/0, 1#4 GR-2" C.
- ⑲ 4# 1/0, 1#6 GR-2" C.



INTERCOM RISER DIAGRAM
NO SCALE

DISTRIBUTION PANEL

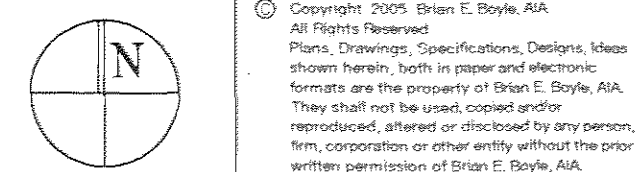
PANEL	HDP	3 Ø, 4 WIRE, 120 / 208 V		400 AMP. MAIN LOGS	SURF. WTD	PROVIDE GROUND BUS		REMARKS
		24 POLES TOTAL	24 POLES TOTAL			CONDUIT	L O A D	
NO.	POLES	FRAME SIZE	TRIP SIZE	SERVES	WIRING	KVA	HP	
1	3	400	225(*)	ELEVATOR	4#300MCM, 1#2GR	3 1/2"	40	
2	2	100	70	LP	3#4, 1#8 GR	1 1/2"	8.7	
3	3	200	125	PP	4#6, 1#6 GR	2"	39.9	
4	3	30	12	BOOSTER PUMP	4#12, 1#12 GR	3/4"	(2) 1 1/2	
5	3	100	70	SPARE	-	-	-	
6	3	100	-	SPARE	-	-	-	
7	3	100	-	SPARE	-	-	-	
8	3	100	-	SPARE	-	-	-	
* DUAL ELEMENTS TIME DELAY						48.6	43	

TENANT METER CENTER TMC-A

3 Ø, 4 WIRE 120 / 208 VOLT		800 AMP MAINS		42,000 AMP		SYM. SHORT	CIRCUIT	CURRENT RATING	REMARKS
CIRCUIT NUMBER	POLES	TRIP SIZE	SERVES	REMARKS					
1	2	60	PANEL LP1A						
2	2	125	PANEL LP2A						
3	2	125	PANEL LP3A						
4	2	125	PANEL LP4A						
5	2	125	PANEL LP5A						
6	2	125	PANEL LP6A						
7	2	125	PANEL LP7A						
8	2	125	SPARE						
9	2	-	SPACE						

GENERAL NOTES:

1. PROVIDE JUNCTION BOXES AS REQUIRED BY ELEVATOR EQUIPMENT. PROVIDE WITH CIRCUITS FOR CAR, LIGHTS, RECEPTACLES AND INTERCOM.
2. PROVIDE ELEVATOR PIT LIGHTS, SWITCH AND RECEPTACLE CONNECTED TO PANEL HLP.
3. ELEVATOR MACHINE ROOM- PROVIDE DUPLEX RECEPTACLE AND CONTROL POWER FROM PANEL HPP.
4. ALL EXTERIOR WORK SHALL BE WEATHERPROOF PER NATIONAL ELECTRICAL CODE (NEC).
5. WIRING FOR ALL MOTORS SHALL INCLUDE FURNISHING AND INSTALLING DISCONNECT SWITCHES AND STARTERS AT MOTORS.
6. PROVIDE SMOKE DETECTORS IN ELECTRICAL SERVICE ROOM AND ELEVATOR MACHINE ROOMS.



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General Notes

NOTE:

- ADD LAUNDRY CIRCUITS 1.31.08
- GENERAL REVISION 10.18.06

- 3 CONSTRUCTION SET 10.18.06
- 2 BID SET 06.01.06
- 1 ISSUED 03.20.06

No.	Revision/Issue	Date
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The Deuce
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ELECTRICAL
RISERS, NOTES AND DETAILS
LEGEND & SCHEDULES

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Date	10-10-2006	E-101
Drawn By	REM	