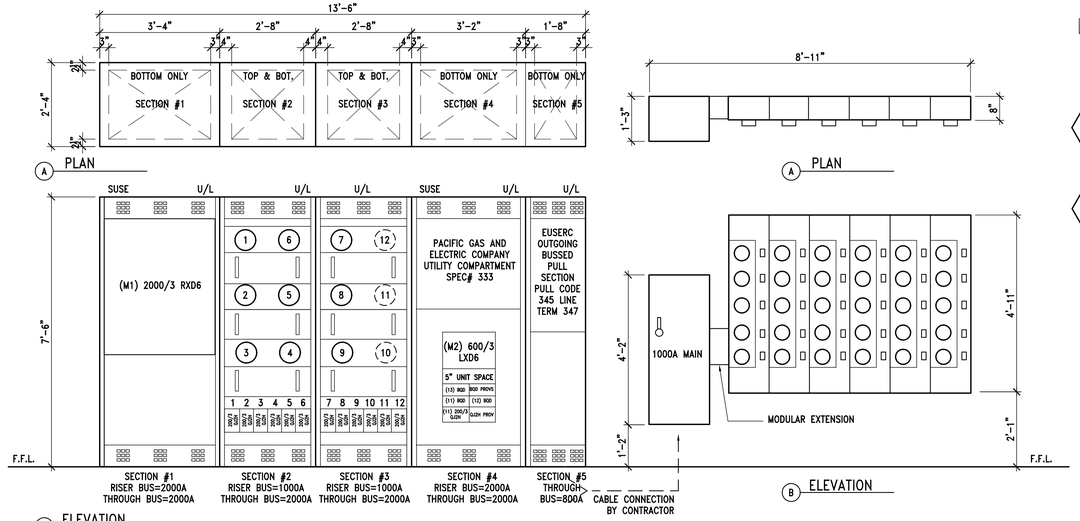


14 — ELECTRIC METER – RESIDENTIAL

1/2"=1'-0"

1. SERVICE RATED AT 120/208, 3P 4W, INDOOR.
2. 1000A MAIN BREAKER: SIEMENS CAT. #WMC10, MODMTR CB 1000A 1PH 3R 65K AIC.
3. RESIDENTIAL UNIT FEEDERS: (30) SIEMENS CAT #Q2125HH, BREAKER 125A 2P 120/240V 65K HQP.
4. MODULAR EXTENSION: SIEMENS CAT #WMEX4U, MODMTR SPACER 1200A 3PH N3R-SIEMENS.
5. SIEMENS CAT #WMM54ABU, UNIF 3R MODMTR 5/125A SOCK 3P4W.

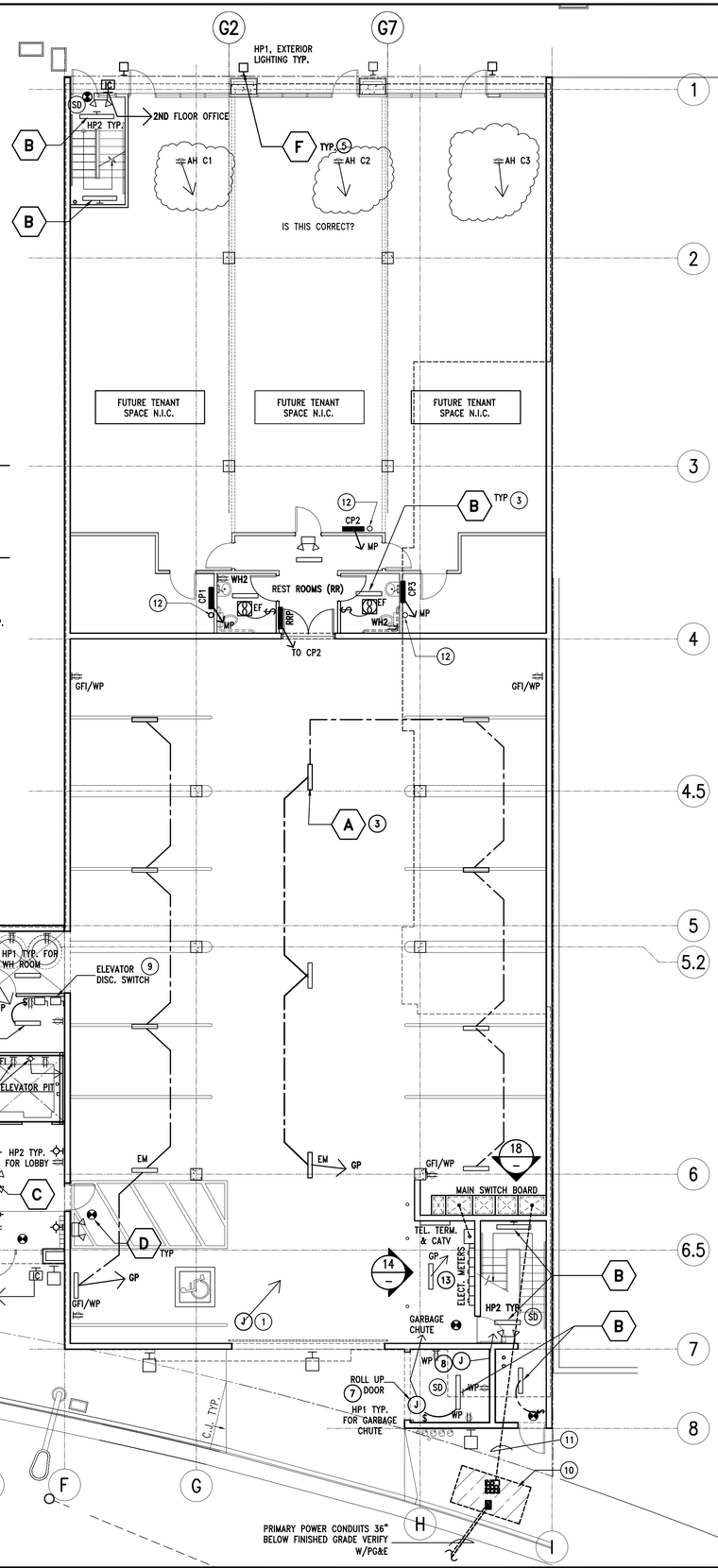
18 — MAIN SWITCH BOARD

1/2"=1'-0"

1. SERVICE RATED AT 120/208V, 3ø, 4W, INDOOR.
2. MSB-SWITCHBOARD SWBD SB3 FCS2 SMM CB SECTIONS:
   SB3/FCS2 FRONT CONNECTED, BOTTOM LEFT, SUSE, 3P/4W, 208/120V, TAPERED AL BUS, 2000A, AL, 42K AIC, BRAC 65K AIC, NEMA 1 ENCLOSURE AS MANUFACTURED BY SIEMENS OR OWNER APPROVED EQUAL INCLUDING BUT NOT LIMITED TO THE FOLLOWING PARTS:1–2000/RXD6 MAIN BREAKER W/ NAMEPLATE: TWO(2) SMM6SCB SECTION W/ NAMEPLATES;
   1 SMM 3SCB SECTION W/ NAMEPLATES:1–600/ 3 LXD6–A MAIN BREAKER;
   1–200/3 QJ2H BRANCH BREAKER; 2–100/3 BQD BRANCH BREAKERS 1 –100 / 2 BQD BRANCH BREAKER, 1 – 100 / 2BQD BRANCH BREAKER 1 AUXILIARY SECTION BUSSED 2000A 28 – 500 KCMILL AL/CU MECHANICAL LUGS
   4–100% NEUTRAL BUS 1 SWITCHBOARD MASTER NAMEPLATE
   2 EXTRA DEPTH UPGRADES.

LEGEND

- Y – INCOMING LUGS
- BRUSWAY CONNECTION
- LOAD LUGS
- PANEL MOUNT DISTRIBUTION
- (MN) – MAIN DEVICE
- (UM) – UTILITY METERING



20 — FIRST FLOOR PLAN

1/8"=1'-0"

DRAWING NOTES

1. MOTOR OPERATED IRON PICKET TILT–UP GATE, REFER TO MANUFACTURER SPECIFICATIONS FOR POWER CONNECTION. INPUT POWER 115V/1–PHASE/60HZ 4.1A (MAX).
2. FOR WIRING AND CONDUIT SIZE REFER TO POWER DISTRIBUTION SINGLE LINE DIAGRAM, SEE SHEET SO.1.
3. BOTTOM OF LIGHT FIXTURE SHOULD NOT BE LESS THAN 7'–0" MEASURED FROM FINISH FLOOR, TYP.
4. OMITTED INTENTIONALLY.
5. LIGHTING FIXTURE, SEE SCHEDULE SHEET E0.1.
6. COORDINATE EXACT ELEVATION AND LOCATION OF LIGHT FIXTURES WITH ARCHITECTURAL DRAWINGS.
7. MOTOR OPERATED ROLL–UP DOOR. REFER TO MANUFACTURER SPECIFICATIONS FOR POWER CONNECTIONS. 10A. 208V/1–PHASE/60HZ.
8. AUTOMATIC CLEANING SYSTEM AT REFUSE CHUTE, VERIFY WITH MANUFACTURER.
9. VERIFY WITH ELEVATOR SUPPLIER/INSTALLER, SIZE AND RATING.
10. PG&E PAD TRANSFORMER IN UNDERGROUND VAULT PER PG&E REQUIREMENTS. VERIFY AND COORDINATE WITH PG&E.
11. POWER SUPPLY, SEE POWER DISTRIBUTION SINGLE LINE DIAGRAM SHT. E0.1
12. PROVIDE STUB UP FOR CABLE TV AND TELEPHONE LINES. FOUR TELEPHONE LINES MINIMUM FOR EACH COMMERCIAL SPACE.
13. ELECTRIC METER ASSEMBLY.

LEGEND

- CEILING MOUNT LIGHT FIXTURE
- CEILING SUSPENDED LIGHT FIXTURE
- CEILING RECESSED LIGHT FIXTURE
- WALL MOUNT LIGHT FIXTURE
- WALL MOUNT LIGHT FIXTURE
- EXIT LIGHT
- 4' LONG FLUORESCENT LIGHT FIXTURES CEILING/WALL MOUNT
- 2' X 4' 2–TUBE, T–BAR LAY–IN LIGHT FIXTURE
- BOLLARD LIGHT
- EMERGENCY PACK LIGHT WITH BATTERY, BATTERY CHARGER AND TEST BUTTON.
- UNDER–COUNTER FLUORESCENT LIGHT FIXTURE
- CEILING MOUNT EXHAUST FAN –120V.
- J — JUNCTION BOX
- AUDIO/VISUAL FIRE ALARM DEVICE
- $ — LIGHT SWITCH
- $3 — THREE WAY LIGHT SWITCH
- $MS — SWITCH WITH MOTION SENSOR
- DUPLEX OUTLET
- GFCI OR GFI — DUPLEX OUTLET WITH GROUND FAULT INTERRUPTOR
- WP — WEATHER PROOF DUPLEX OUTLET
- DOUBLE DUPLEX OUTLET
- TELEPHONE OUTLET
- 208V — 208 VOLTS OUTLET
- DSL — DIGITAL SUBSCRIBER LINE – FOR INTERNET CONNECTION PROVIDE JACK FOR READY CONNECTION
- CTV — CABLE TV OUTLET – (CABLE BY OTHERS) PROVIDE JACK FOR READY CONNECTION
- SD — SMOKE DETECTOR 120V.
- ELECTRICAL WIRING
- HP — HOUSE PANEL
- MP — MAIN PANEL
- CP6 — PANEL FOR COMMERCIAL SPACE C6
- M — ELECTRICAL METER
- EF — EXHAUST FAN MOTOR
- HF — EXHAUST FAN MOTOR & HEAT LAMP
- DISCONNECT SWITCH PER CODE REQUIREMENTS
- T — THERMOSTAT
- B — LIGHT FIXTURE, SEE SCHEDULE E0.1
- IC — INTER COMMUNICATION SYSTEM
- MC — MOTOR CONTROLLER
- M — MOTOR
- EM — . . . . INDICATES EMERGENCY LIGHTING FIXTURE

CITY APPROVAL STAMP

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FOR BUILDING PERMIT
09/29/2005

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PROJECT TITLE:
FRUITVALE COMMONS
1242 35th Ave Oakland, CA 94601

SHEET TITLE:
FIRST FLOOR LIGHTING AND POWER PLAN

REVISIONS

JOB NUMBER: J2002.060
DRAWN BY: S. CRUZ
CHECKED BY: D. PAUL
SCALE (U.O.N.): AS SHOWN
DATE: 9/29/2005
SHEET NUMBER: E1.1
3 OF 7 SHEETS