

UMA FILE NAME: F863-001-01\_01-E-8002\_RX.dwg  
 DATE: 2007.02.21  
 DESCRIPTION: Second Floor Demolition  
 PROJECT No: F863-001-01  
 ADDRESS: 989 Sargent St. Winnipeg, Manitoba  
 PLOT: 07/08/22 2:31:53 PM

| PANEL 'CF' |                               |      |           |   |           |      |                             |        |  |
|------------|-------------------------------|------|-----------|---|-----------|------|-----------------------------|--------|--|
| CCT NO     | DESCRIPTION                   | LOAD | TRIP AMPS | N | TRIP AMPS | LOAD | DESCRIPTION                 | CCT NO |  |
| 01         | GYMNASIUM / TRACK FLUOR. LTG. |      | 15        | • | 15        |      | WASHROOM / JANITOR RM. LTG. | 02     |  |
| 03         | GYMNASIUM / TRACK FLUOR. LTG. |      | 15        | • | 15        |      | SPARE                       | 04     |  |
| 05         | GYMNASIUM / TRACK FLUOR. LTG. |      | 15        | • | 15        |      | SPARE                       | 06     |  |
| 07         | GYMNASIUM / TRACK FLUOR. LTG. |      | 15        | • | 15        |      | SPARE                       | 08     |  |
| 09         | GYMNASIUM / TRACK FLUOR. LTG. |      | 15        | • | 15        |      | SPARE                       | 10     |  |
| 11         | GYMNASIUM / TRACK FLUOR. LTG. |      | 15        | • |           | x    |                             | 12     |  |
| 13         | GYMNASIUM / TRACK FLUOR. LTG. |      | 15        | • |           | x    |                             | 14     |  |
| 15         | GYMNASIUM / TRACK FLUOR. LTG. |      | 15        | • |           | x    |                             | 16     |  |
| 17         | GYMNASIUM / TRACK FLUOR. LTG. |      | 15        | • |           | x    |                             | 18     |  |
| 19         | GYMNASIUM / TRACK FLUOR. LTG. |      | 15        | • |           | x    |                             | 20     |  |
| 21         | GYMNASIUM / TRACK FLUOR. LTG. |      | 15        | • |           | x    |                             | 22     |  |
| 23         | GYMNASIUM / TRACK FLUOR. LTG. |      | 15        | • |           | x    |                             | 24     |  |
| 25         | x                             |      |           |   |           | x    |                             | 26     |  |
| 27         | x                             |      |           |   |           | x    |                             | 28     |  |
| 29         | x                             |      |           |   |           | x    |                             | 30     |  |
| 31         | x                             |      |           |   |           | x    |                             | 32     |  |
| 33         | x                             |      |           |   |           | x    |                             | 34     |  |
| 35         | x                             |      |           |   |           | x    |                             | 36     |  |
| 37         | x                             |      |           |   |           | x    |                             | 38     |  |
| 39         | x                             |      |           |   |           | x    |                             | 40     |  |
| 41         | x                             |      |           |   |           | x    |                             | 42     |  |

VOLTAGE: 120/208V PHASE: 3 WIRE: 4 BREAKER I.C.: 10kA  
 MAIN BREAKER: - MAINS: 100A FEEDER: 4 #3 AWG R90 IN 35C  
 MOUNTING: SURFACE LOCATION: 2ND FLOOR NORTH WALL  
 FED FROM: -  
 NOTES: -

| PANEL 'CG' |                              |      |           |   |           |      |                              |        |  |
|------------|------------------------------|------|-----------|---|-----------|------|------------------------------|--------|--|
| CCT NO     | DESCRIPTION                  | LOAD | TRIP AMPS | N | TRIP AMPS | LOAD | DESCRIPTION                  | CCT NO |  |
| 01         | WEST TELEVISION RECEPT.      |      | 15        | • | 15        |      | ELEVATOR SERVICE RECEPT.     | 02     |  |
| 03         | WEST WATER COOLER CONNECTION |      | 15        | • | 15        |      | WASHROOM RECEPT.             | 04     |  |
| 05         | CENTRE EXERCISE AREA RECEPT. |      | 15        | • | 15        |      | SERVICE RECEPT.              | 06     |  |
| 07         | CENTRE EXERCISE AREA RECEPT. |      | 15        | • | 15        |      | SERVICE RECEPT.              | 08     |  |
| 09         | CENTRE EXERCISE AREA RECEPT. |      | 15        | • | 15        |      | TELEVISION RECEPT.           | 10     |  |
| 11         | WEST EXERCISE AREA RECEPT.   |      | 20        | • | 15        |      | EAST WATER COOLER CONNECTION | 12     |  |
| 13         |                              |      | 2P        | • | 15        |      | LAP COUNTERS                 | 14     |  |
| 15         | WEST EXERCISE AREA RECEPT.   |      | 20        | • | 15        |      | EAST PARTION WALL RECEPT.    | 16     |  |
| 17         |                              |      | 2P        | • | 15        |      | EAST PARTION WALL RECEPT.    | 18     |  |
| 19         | WEST EXERCISE AREA RECEPT.   |      | 20        | • | 15        |      | EAST PARTION WALL RECEPT.    | 20     |  |
| 21         |                              |      | 2P        | • | 15        |      | EAST PARTION WALL RECEPT.    | 22     |  |
| 23         | WEST EXERCISE AREA RECEPT.   |      | 20        | • | 15        |      | LOCKER AREA RECEPT.          | 24     |  |
| 25         |                              |      | 2P        | • | 15        |      | LOCKER AREA RECEPT.          | 26     |  |
| 27         | WEST EXERCISE AREA RECEPT.   |      | 20        | • | 15        |      | JANITOR RM. RECEPT.          | 28     |  |
| 29         |                              |      | 2P        | • | 15        |      | SPARE                        | 30     |  |
| 31         | VENDING MACHINE RECEPT.      |      | 15        | • | 15        |      | SPARE                        | 32     |  |
| 33         | VENDING MACHINE RECEPT.      |      | 15        | • | 20        |      | CARDIO AREA RECEPT.          | 34     |  |
| 35         | CARDIO AREA RECEPT.          |      | 20        | • | 20        |      | WH-3 TRACK HOT WTR. HTR.     | 36     |  |
| 37         | CARDIO AREA RECEPT.          |      | 20        | • | 15        |      | SPARE                        | 38     |  |
| 39         | SPARE                        |      | 15        | • |           |      | SPARE                        | 40     |  |
| 41         | SPARE                        |      | 15        | • |           |      | SPARE                        | 42     |  |

VOLTAGE: 120/208V PHASE: 3 WIRE: 4 BREAKER I.C.: 10kA  
 MAIN BREAKER: - MAINS: 200A FEEDER: 4 #3/0 AWG R90 IN 53C  
 MOUNTING: SURFACE LOCATION: -  
 FED FROM: -  
 NOTES: -

| PANEL 'CH' |                     |      |           |   |           |      |                    |        |  |
|------------|---------------------|------|-----------|---|-----------|------|--------------------|--------|--|
| CCT NO     | DESCRIPTION         | LOAD | TRIP AMPS | N | TRIP AMPS | LOAD | DESCRIPTION        | CCT NO |  |
| 01         | CRAWLSPACE LIGHTING |      | 15        | • | 15        |      | CRAWLSPACE RECEPT. | 02     |  |
| 03         | CRAWLSPACE LIGHTING |      | 15        | • | 15        |      | CRAWLSPACE RECEPT. | 04     |  |
| 05         | IRRIGATION CONTROL  |      | 15        | • | 15        |      | CRAWLSPACE RECEPT. | 06     |  |
| 07         | EXHAUST FAN F-5     |      | 15        | • | 15        |      | SPARE              | 08     |  |
| 09         | SPACE               |      |           |   | 15        |      | SPARE              | 10     |  |
| 11         | SPACE               |      |           |   |           |      | SPARE              | 12     |  |
| 13         | SPACE               |      |           |   |           |      | SPACE              | 14     |  |
| 15         | SPACE               |      |           |   |           |      | SPACE              | 16     |  |
| 17         | SPACE               |      |           |   |           |      | SPACE              | 18     |  |
| 19         | SPACE               |      |           |   |           |      | SPACE              | 20     |  |
| 21         | SPACE               |      |           |   |           |      | SPACE              | 22     |  |
| 23         | SPACE               |      |           |   |           |      | SPACE              | 24     |  |
| 25         | SPACE               |      |           |   |           |      | SPACE              | 26     |  |
| 27         | SPACE               |      |           |   |           |      | SPACE              | 28     |  |
| 29         | SPACE               |      |           |   |           |      | SPACE              | 30     |  |
| 31         | SPACE               |      |           |   |           |      | SPACE              | 32     |  |
| 33         | SPACE               |      |           |   |           |      | SPACE              | 34     |  |
| 35         | SPACE               |      |           |   |           |      | SPACE              | 36     |  |
| 37         | SPACE               |      |           |   |           |      | SPACE              | 38     |  |
| 39         | SPACE               |      |           |   |           |      | SPACE              | 40     |  |
| 41         | SPACE               |      |           |   |           |      | SPACE              | 42     |  |

VOLTAGE: 120/208V PHASE: 3 WIRE: 4 BREAKER I.C.: 10kA  
 MAIN BREAKER: - MAINS: 100A FEEDER: 4 #3 AWG R90 IN 35C  
 MOUNTING: FLUSH LOCATION: EXIST. FACILITY 1ST FLOOR STAIRWELL  
 FED FROM: -  
 NOTES: -

| PANEL 'CJ' |                              |      |           |   |           |      |                             |        |  |
|------------|------------------------------|------|-----------|---|-----------|------|-----------------------------|--------|--|
| CCT NO     | DESCRIPTION                  | LOAD | TRIP AMPS | N | TRIP AMPS | LOAD | DESCRIPTION                 | CCT NO |  |
| 01         | PENTHOUSE LIGHTING           |      | 15        | • | 15        |      | PENTHOUSE SERVICE RECEPT.   | 02     |  |
| 03         | SERVICE SPACE LIGHTING       |      | 15        | • | 15        |      | SPARE                       | 04     |  |
| 05         | SERVICE SPACE LIGHTING       |      | 15        | • | 15        |      | PENTHOUSE EXTERIOR RECEPT.  | 06     |  |
| 07         | SERVICE SPACE RECEPT.        |      | 15        | • | 30        |      |                             | 08     |  |
| 09         | EXHAUST FAN F-1              |      | 15        | • | 3P        |      | WINDOW WASH. EQUIP. RECEPT. | 10     |  |
| 11         | EXHAUST FAN F-2              |      | 15        | • |           |      |                             | 12     |  |
| 13         | BOILER No.1                  |      | 15        | • | 15        |      | WINDOW WASH SERVICE RECEPT. | 14     |  |
| 15         | BOILER No.2                  |      | 15        | • | 15        |      | ELEVATOR LIGHTING           | 16     |  |
| 17         | BOILER No.1 CIRCULATION PUMP |      | 15        | • | 15        |      | METASYS CONTROL MODULE      | 18     |  |
| 19         | BOILER No.2 CIRCULATION PUMP |      | 15        | • | 15        |      | DAMPER MOTOR DM-1           | 20     |  |
| 21         | EXHAUST FAN F-7              |      | 15        | • | 15        |      | DAMPER MOTOR DM-2           | 22     |  |
| 23         | SPARE                        |      | 15        | • |           |      | SPACE                       | 24     |  |
| 25         | SPARE                        |      | 15        | • |           |      | SPACE                       | 26     |  |
| 27         | SPARE                        |      | 15        | • |           |      | SPACE                       | 28     |  |
| 29         | SPACE                        |      |           |   |           |      | SPACE                       | 30     |  |
| 31         | SPACE                        |      |           |   |           |      | SPACE                       | 32     |  |
| 33         | SPACE                        |      |           |   |           |      | SPACE                       | 34     |  |
| 35         | SPACE                        |      |           |   |           |      | SPACE                       | 36     |  |
| 37         | SPACE                        |      |           |   |           |      | SPACE                       | 38     |  |
| 39         | SPACE                        |      |           |   |           |      | SPACE                       | 40     |  |
| 41         | SPACE                        |      |           |   |           |      | SPACE                       | 42     |  |

VOLTAGE: 120/208V PHASE: 3 WIRE: 4 BREAKER I.C.: 10kA  
 MAIN BREAKER: - MAINS: 100A FEEDER: 4 #3 AWG R90 IN 35C  
 MOUNTING: SURFACE LOCATION: PENTHOUSE  
 FED FROM: -  
 NOTES: -

UMA | AECOM  
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**APEGM**  
 Certificate of Authorization  
 UMA Engineering Ltd. (MB)  
 No. 256 Date: Aug 21, 2007

|     |     |     |     |     |
|-----|-----|-----|-----|-----|
| DRN | CHK | DES | ENG | IDR |
|     |     |     |     |     |

UMA | AECOM REVIEW

|   |                        |    |          |
|---|------------------------|----|----------|
| 1 | ISSUED FOR ADDENDUM #2 | QL | 07/08/21 |
| 0 | ISSUED FOR TENDER      | QL | 07/07/23 |

| NO. | REVISION/DESCRIPTION | BY | DATE |
|-----|----------------------|----|------|
|-----|----------------------|----|------|

SEALS

PROVINCE OF MANITOBA  
 S. K.  
 SMART  
 Member  
 20996  
 Aug 21, 2007  
 REGISTERED PROFESSIONAL ENGINEER

DRAWN BY: [Signature] CHECKED BY: [Signature] APPROVED: [Signature]  
 DATE: 2007.02.21 USER APPROVAL

CITY OF WINNIPEG  
 PLANNING, PROPERTY &  
 DEVELOPMENT DEPARTMENT  
 CIVIC ACCOMMODATIONS DIVISION  
 300 - 65 GARRY ST. R3C 4K4

PROJECT  
 Construction of Cindy Klassen  
 Recreation Complex Facility  
 Enhancement Project  
 990 Sargent St. Winnipeg, Manitoba

SHEET TITLE  
 Electrical  
 Main, Second Floor and Penthouse Panel Schedules

|        |             |           |
|--------|-------------|-----------|
| SCALE  | PROJECT NO. | SHEET NO. |
| N.T.S. | 2005-059    | E8.2      |

DRAWING SHEET SIZE: A1 (841mm x 594mm) PLOT 1:1