

EXISTING SECURITY PANEL
 EXISTING PANEL 'D'
 EXISTING PANEL 'C'
 EXISTING PANEL 'B'
 EXISTING PANEL 'A'
 EXISTING 45KVA TRANSFORMER
 EXISTING 400A CDP
 EXISTING UTILITY METER
 EXISTING MAIN FUSED DISCONNECT

ELECTRICAL ROOM

DRAWING NOTES:

- 1 MAKE ALL PROVISIONS TO ENSURE ESSENTIAL CIRCUIT REMAIN ENERGIZED (I.E. MECHANICAL EQUIPMENT, LIFE SAFETY, ETC.).
- 2 REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION OF CONDENSING UNITS, HRV AND THERMOSTATS PRIOR TO ROUGH IN. TYPICAL.
- 3 PROVIDE BATTERY BANK C/W VOLTAGE SENSING RELAY FOR ALL LIGHTING CIRCUITS IN MULTI PURPOSE ROOM.
- 4 ROUGH IN ONLY (TYP.). PROVIDE OUTLET BOX, COVERPLATE AND CONDUIT UP TO CEILING SPACE FOR FUTURE VOICE/DATA AND CABLE TV OUTLET.
- 5 PROVIDE WIRE GUARD PROTECTION TO HORNS IN GYM AREA. TYPICAL.
- 6 PROVIDE PROTECTION TO PULL STATIONS IN GYM AREA. TYPICAL.
- 7 ELECTRICAL SUBCONTRACTOR TO ARRANGE FOR PAINTING FOR ALL EXPOSED ELECTRICAL CONDUIT. PAINT TO MATCH EXISTING WALL AND CEILING COLOR.

NO.	REVISION	DATE	BY
3	RE-ISSUED FOR BID OPPORTUNITY	12/05/07	TT
2	ISSUED FOR BID OPPORTUNITY	11/27/07	TT
1	ISSUED FOR FINAL REVIEW	10/12/07	TT
0	ISSUED FOR REVIEW	04/30/07	TT

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 THIS DRAWING SHALL NOT BE SCALED. FOLLOW GIVEN DIMENSIONS ONLY.
 THE CONTRACTOR SHALL SATISFY HIMSELF THAT ALL DIMENSIONS AND INFORMATION SHOWN ARE CORRECT.
 PRIOR TO COMMENCEMENT OF WORK REPORT ANY DISCREPANCIES TO THE CONTRACT ADMINISTRATOR.
 VARIATIONS AND MODIFICATIONS TO WORK SHOWN WILL NOT BE ALLOWED WITHOUT WRITTEN PERMISSION OF THE CONTRACT ADMINISTRATOR.

CONSULTANT TOWER PROJECT NO. : 6184

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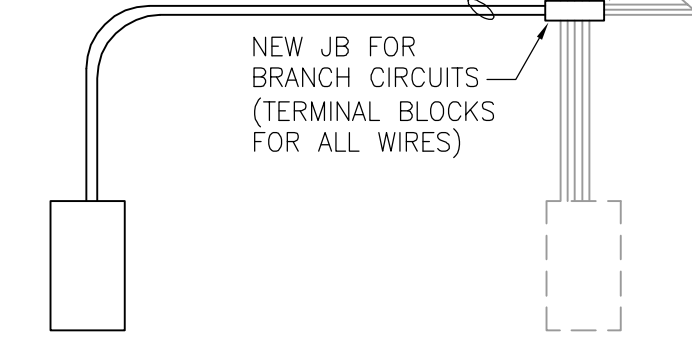
APEGM
 Certificate of Authorization
 Tower Engineering Group
 No. 1918 Expiry: April 30, 2008

GENERAL NOTES:

1. THE ELECTRICAL SUBCONTRACTOR (E.S.) IS TO TRACE ALL CIRCUITS, AND WIRING IN ORDER TO PROVIDE COMPLETE DEMOLITION OR RELOCATION. THE E.S. IS TO IDENTIFY AND RE-USE CIRCUITS FOR NEW DEVICES WHEREVER POSSIBLE, PROVIDED THAT THE DESIGN INTENT IS KEPT. CONFIRM EXACT CIRCUITING/CIRCUIT NUMBERS FOR DEVICES ON SITE. CIRCUITS SHOWN ON THE DRAWINGS ARE TO ILLUSTRATE THE DESIGN INTENT ONLY.
2. THE ELECTRICAL SUBCONTRACTOR IS TO UPDATE ALL ELECTRICAL PANEL SCHEDULES AFFECTED IN ANY WAY BY THE WORK PERFORMED (MUST BE TYPEWRITTEN).
3. ALL COVER PLATES ARE TO BE STAINLESS STEEL.
4. PROVIDE A COMPLETE 'AS BUILT' DRAWING OF ENTIRE WORK AREA UPON PROJECT COMPLETION. 'AS BUILT' SHALL HAVE ALL EXISTING DEVICES TO REMAIN, ALL CIRCUIT NUMBERS, ALL RELOCATED DEVICES, AND ALL NEW DEVICES SHOWN.
5. ALL FIRE ALARM DEVICES ARE TO BE INSTALLED IN CONFORMANCE WITH CAN/ULC-S524-06. ALL DEVICES ARE TO BE TESTED IN CONFORMANCE WITH CAN/ULC-S087-01. PROVIDE V.I. REPORT, AND SHOP DRAWINGS AS PART OF THE O&M MANUALS.
6. RE-LOCATE AND RE-USE EXISTING FIRE ALARM DEVICES WHERE POSSIBLE. CONFIRM QUANTITIES ON SITE. PROVIDE NEW DEVICES AS REQUIRED TO MEET QUANTITY SHOWN ON THE DRAWING AND EXISTING DEVICES.
7. RELOCATE ALL EXISTING ELECTRICAL FROM AREAS WHICH WILL HAVE DRYWALL CEILING TO AREAS WITH ACCESSIBLE CEILING SPACE.

PROVIDE TERMINAL STRIP AND SEPARATE LOAD/LINE TERMINAL FOR EVERY EXISTING CIRCUIT.

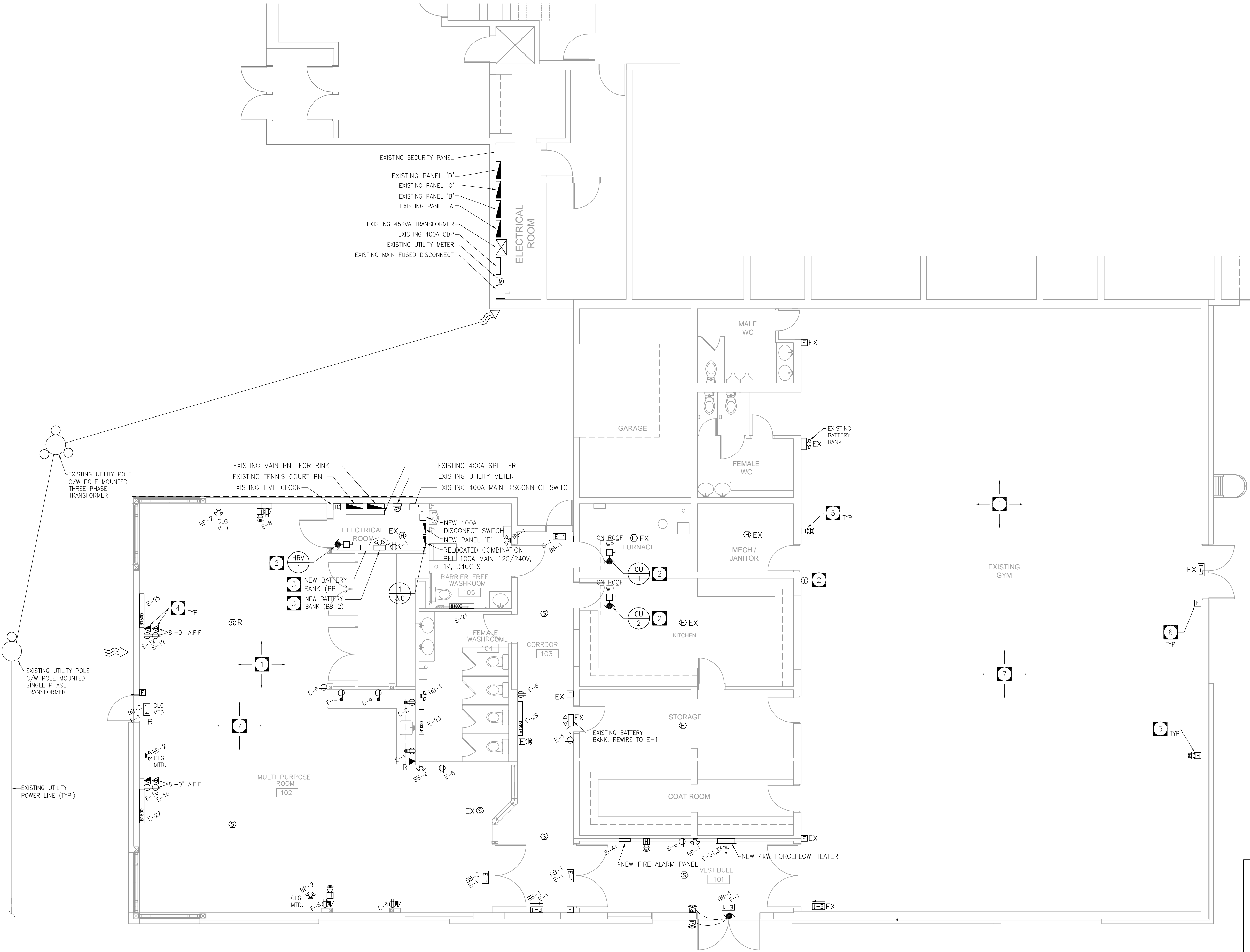
PROVIDE 1 - 2" CONDUIT (OR MORE IF REQUIRED) FOR RELOCATION OF CIRCUITS.



NEW PANEL LOCATION EXISTING PANEL LOCATION
 INTERSECT BRANCH CIRCUITS WITH NEW JB(S), AND EXTEND CIRCUITS TO NEW PANEL LOCATION.

1
TYPICAL PANEL RELOCATION DETAIL
 NTS

MAIN FLOOR PLAN
 SCALE: 3/16"=1'-0"



EXISTING UTILITY POLE C/W POLE MOUNTED THREE PHASE TRANSFORMER
 EXISTING UTILITY POLE C/W POLE MOUNTED SINGLE PHASE TRANSFORMER
 EXISTING UTILITY POWER LINE (TYP.)

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PROJECT TITLE
NOTRE DAME COMMUNITY CENTRE
 271 DE LA CATHEDRALE AVE.
 WINNIPEG, MANITOBA

SHEET TITLE
ELECTRICAL POWER & SYSTEMS LAYOUT

DRAWN BY	SCALE	SHEET NUMBER
NF	AS NOTED	E-3.0
CHECKED BY	DATE	
TT	11/27/07	
PROJECT NUMBER	REVISION	
06-012	3	