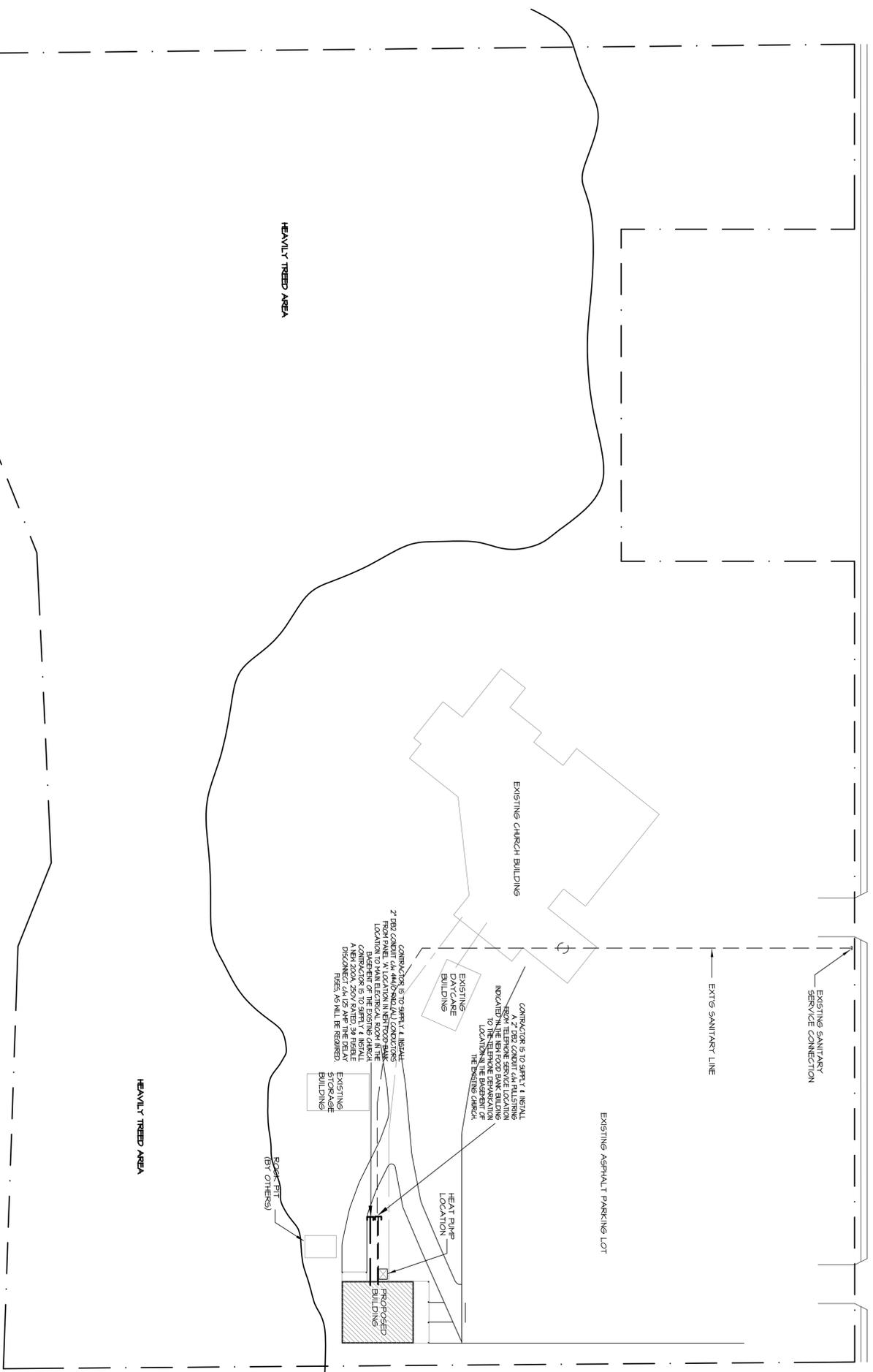


7th AVENUE



**SEISMIC ENGINEERING REQUIREMENTS**

1. ELECTRICAL CONTRACTOR SHALL RETAIN AND PAY FOR SEISMIC ENGINEER TO DESIGN AND INSPECT THE SEISMIC RESTRAINTS OF THE ELECTRICAL SYSTEM COMPONENTS COVERED UNDER DIVISION 16 FOR THIS CONTRACT.
2. THE SEISMIC ENGINEER RETAINED BY THE CONTRACTOR SHALL PROVIDE:
  - SIGNED AND SEALED LETTERS OF ASSURANCE OF PROFESSIONAL DESIGN AND COMMITMENT FOR FIELD REVIEW AND SIGNATURE BY THE SEISMIC ENGINEER TO THE BRITISH COLUMBIA BUILDING CODE (SCHEMATED BY 1 19)
  - CERTIFIED DETAILED DRAWINGS OF SEISMIC RESTRAINT
  - WRITTEN REPORTS OF SITE REVIEW
  - SIGNED AND SEALED LETTER OF ASSURANCE OF PROFESSIONAL FIELD REVIEW AND COMPLIANCE
3. SUBSTANTIAL COMPETITION WILL NOT BE CONSIDERED WITHOUT THE SUPERVISION OF THE ABOVE DOCUMENTS.
4. ALL OF THE ABOVE DOCUMENTS SHALL BE SUBMITTED TO THE ELECTRICAL ENGINEER FOR REVIEW, DISTRIBUTION AND FILES.
5. IMMEDIATELY AFTER CONTRACT AWARD, CONTRACTOR SHALL SEND A LETTER TO THE ELECTRICAL ENGINEER COMMENSURATE WITH THE SPECIFICATION FOR THE SERVICES TO BE PROVIDED IN 1.19.
6. SEISMIC ENGINEER SHALL BE A REGISTERED PROFESSIONAL ENGINEER IN THE ASSOCIATION OF PROFESSIONAL ENGINEERS AND GEOSCIENTISTS OF BRITISH COLUMBIA AND SHALL HAVE A MINIMUM OF 2 YEARS EXPERIENCE IN THIS FIELD.
7. SEISMIC ENGINEER SHALL HAVE ENGINEERS' PROFESSIONAL LIABILITY INSURANCE IN THIS FIELD:
  - \$500,000,000 EACH LOSS
  - \$500,000,000 PER POLICY PERMIT
8. THE CONTRACTOR SHALL CO-OPERATE WITH THE SEISMIC ENGINEER AND SHALL IMMEDIATELY START SAID INFORMATION INCLUDING MEMPHS OF THE SEISMIC ENGINEER NECESSARY TO SUPPORT THE DESIGN AND DETAILS FOR SEISMIC RESTRAINT.
9. THE CONTRACTOR WILL NOT BE ENTITLED TO ANY ADDITIONAL COMPENSATION ARISING FROM THE TECHNICAL INSPECTION AND APPROVAL OF THE ELECTRICAL SYSTEMS.

**NOTES**

1. THESE ELECTRICAL SPANNERS WERE DESIGNED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE CANADIAN ELECTRICAL CODE (2nd EDITION, 2006) AND B.C.B.C. 2006.
2. CONTRACTOR IS TO ENSURE THAT ALL ELECTRICAL SYSTEMS ARE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE CANADIAN ELECTRICAL CODE (2006) AND B.C.B.C. 2006 AND THE NATIONAL FIRE CODE.
3. CONTRACTOR IS TO SUPPLY AND INSTALL BRAIN TIES AT BUILDING PRINT POINTS FOR ALL ACROSSING B.C. IN TWO (2) DIRECTIONS. BRAIN TIES ARE TO BE ABOVE RESISTERS BUILDING DRAWN AT FOOTING LOCATIONS AND FOR FLS, GLEP AND B.C.B.C. 2006.
3. HEAD SIZE FROM MAIN ELECTRICAL SERVICE IN GARAGE AT 200V CHANGE TO BE 125 AMP.

**LOAD CALCULATION**

TOTAL BUILDING GROUND FLOOR AREA 1003 SQ		
LIGHTING	4100 W	1028
HVAC UNIT	3660 W	73%
ELECTRIC HEAT	12300 W	73%
ELECTRIC COOLING	4000 W	40%
FUTURE RENOVATION EQUIPMENT	6000 W	73%
<b>TOTAL</b>		<b>36461 W</b>
DIVIDED BY 200V X 113		<b>107 A</b>
SERVICE SIZE TO BE		<b>125 A</b>

**CMIC ADDRESS:**  
32550 - 7th Avenue Mission, BC

**LEGAL DESCRIPTION:**  
LOT 1 A, QUARTER 5E, SECTION 20, TOWNSHIP 11, RANGE B2728&2, NEB4, RESERVATION DISTRICT

DATE	ISSUED
FEB. 4/10	ISSUED FOR PERMIT

**PROJECT :**  
ST. JOSEPH'S CHURCH  
FOOD BANK

32550 - 7th AVENUE - MISSION BC

**DRAWING TITLE :**  
SITE PLAN

**CONSULTANT :**  
Murphy Design Services Inc.  
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**DATE :** JAN. 2011  
**SCALE :** AS NOTED  
**JOB NO. :** TM1012  
**DR. :** RM  
**SHEET :** E-1