FOUNDATION (CIP)

1. FOUNDATION DESIGN BASED ON THE GEOTECHNICAL REPORT PREPARED BY KGS GROUP. DATED JULY 18th, 2016
2. BIDDERS SHALL READ AND FAMILIARIZE THEMSELVES WITH THE PROJECT GEOTECHNICAL REPORT, ITS DESIGN ASSUMPTIONS AND ANY SPECIALIZED MEANS OR METHODS OF CONSTRUCTION NECESSARY TO SATISFY THOSE ASSUMPTIONS. BIDDERS SHALL CARRY ALL COSTS ASSOCIATED WITH [illegible] OF THE WORK IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT RECOMMENDATIONS.
3. CENTER PILES UNDER GRADE BEAMS U.N.O.
4. CAST-IN-PLACE PILES TO BE A CLASS S-1 EXPOSURE (35 MPa @56d). (SEE TABLE 1, LATEST EDITION CSA A23.1)
5. A GEOTECHNICAL ENGINEER SHALL INSPECT THE PILE INSTALLATIONS. DESIGN SKIN FRICTION VALUE: ULS 43.0 kPa, SLS 14.5 kPa FOR 25mm DEFLECTION, DESIGN DISCOUNT 3.0 m U.N.O.

LUMBER

1. FRAMING LUMBER SHALL CONFORM TO THE LATEST EDITION CSA 0141 AND SHALL BE OF THE FOLLOWING MINIMUM GRADES: LINTELS, JOISTS, AND BEAMS: S-P-F No.1/No.2, STUD WALLS: S-P-F No.1/No.2
2. ALL SHEATHING MATERIAL TO BE MIN 1/2" THICK PLYWOOD IN ACCORDANCE WITH LATEST EDITION CSA 0325 U.N.O. ALL SHEETS TO BE STAGGERED. FASTEN SHEETS WITH 3" COMMON NAILS AT 12" O/C ALONG ALL STUDS AND AT 6" O/C ALONG EDGES OF SHEET, U.N.O. STAPLES ARE NOT ACCEPTABLE. OSB FOR VERTICAL SHEATHING ONLY
3. ALL FLOOR AND ROOF JOISTS TO BE NAILED AND GLUED AND TO HAVE CONTINUOUS CROSS BRIDGING AT 6'-0" MAX. SPACING U.N.O.
4. 48" WOOD BLOCKING FULL DEPTH CONTINUOUS FOR STUDS.
5. EDGE BLOCKING FOR PARALLEL WALLS AT 16", 32" AND 48" IN NEXT BAYS.
6. WOOD IN CRAWL SPACE OR IN CONTACT WITH STEEL, MASONRY OR CONCRETE IN ITS FINAL INSTALLED CONDITION IS TO BE PRESSURE TREATED U.N.O.
7. CONTINUOUS SILL GASKET REQUIRED AT JOIST BEARING POINTS ON CONCRETE.

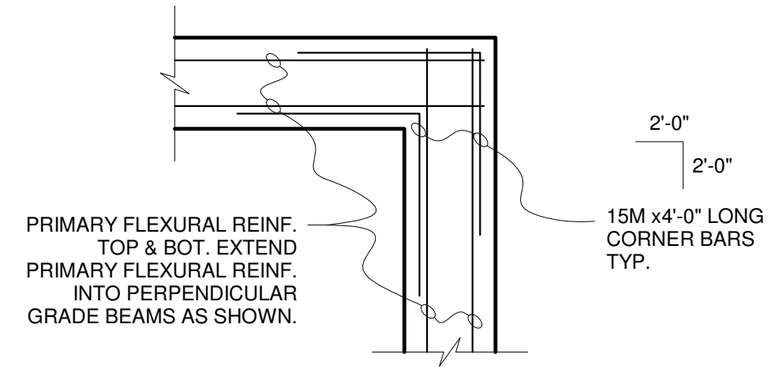
WOOD TRUSSES & ENGINEERED I-JOISTS

1. DESIGN TRUSSES, SQUASH BLOCKING, BRACING, BRIDGING, AND CONNECTORS TO THE REQUIREMENTS OF CSA O86-01 (R2006), AND OTHER APPLICABLE STANDARDS, TO SAFELY CARRY LOADS AS INDICATED ON THE DRAWINGS.
2. SUBMIT SHOP DRAWINGS BEARING STAMP OF QUALIFIED PROFESSIONAL ENGINEER RESPONSIBLE FOR DESIGN.
   A. INDICATE SPECIES, SIZES, AND STRESS GRADES OF LUMBER USED AS TRUSS MEMBERS. SHOW PITCH, SPAN, CAMBER CONFIGURATION, AND SPACING OF TRUSSES. INDICATE CONNECTOR TYPES, THICKNESS SIZES, LOCATIONS AND DESIGN VALUE. SHOW BEARING DETAILS.
   B. SUBMIT DIAGRAM INDICATING DESIGN LOAD ON EACH TRUSS MEMBER, SPECIAL LOADS, ALLOWABLE STRESS INCREASE AND DEFLECTION LIMITS.
3. TRUSS SUPPLIER SHALL BE RESPONSIBLE FOR FINAL INSPECTION AND CERTIFICATION THAT TRUSSES ARE CONSTRUCTED AND ERECTED AS PER TRUSS SUPPLIERS DESIGN ASSUMPTIONS.
4. CONTRACTOR TO COORDINATE ALL BRIDGING/ BRACING REQUIREMENTS WITH THE WOOD TRUSS SUPPLIER. BRIDGING/ BRACING IS NOT SHOWN ON THE STRUCTURAL DRAWINGS.

LIST OF STRUCTURAL DRAWINGS

FOUNDATION (CIP THICKENED EDGE FOOTING)

1. FOUNDATION DESIGN BASED ON ALLOWABLE BEARING PRESSURE OF 75 kPa FOR FIRM CLAY AS LISTED IN NBCC TABLE 9.4.4.1
2. BIDDERS SHALL FAMILIARIZE THEMSELVES WITH THE SITE AND ANY SPECIAL REQUIREMENTS FOR ACCESS TO AND PERFORMANCE OF THE WORK INCLUDING BUT NOT LIMITED TO:
   a. PROTECTION OF EXISTING FEATURES (STRUCTURES, LANDSCAPING, TREES / VEGITATION TO REMAIN
   b. CLEANING, GRUBBING, STRIPPING AND REMOVAL OF ORGANICS WITHIN THE DEVELOPED FOOTPRINT
   c. SOIL REMOVAL TO ESTABLISH CORRECT SUBGRADE
   d. EXISTING SUBGRADE PROOF ROLLING TO VERIFY DESIGN CAPACITY ASSUMPTION
3. ADDITIONAL COSTS RESULTING FROM A FAILURE OF A BIDDER TO FAMILIARIZE THEMSELVES WITH THE SPECIFIC SITE CONDITIONS PRIOR TO SUBMISSION OF PRICING SHALL NOT BE CONSIDERED.
4. THE DESIGN ENGINEER OF RECORD SHALL BE NOTIFIED IF SITE CONDITIONS ARE FOUND TO VARY FROM THE DESIGN ASSUMPTION AND WRITTEN DIRETION SHOULD BE PROVIDED PRIOR TO COMMENCEMENT OF SUBGRADE PREPARATION OR SUB-BASE COMPACTION.
5. THICKENED EDGE FOOTING SHALL BEAR ON MINIMUM 150 mm (6") WELL COMPACTED GRANULAR FILL WHICH SHOULD EXTEND A MINIMUM OF 300mm (1'-0") BEYOND THE LIMIT OF THE THICKENED EDGE SLAB IN ALL DIRECTIONS.
6. PROVIDE INSULATION SKIRT A MINIMUM OF 1200 mm (4'-0") AROUND THE BUILDING PERIMETER FOR FROST PROTECTION OF THICKENED EDGE SLAB. A MINIMUM OF 1525 mm (5'-0") SOIL COVER SHALL BE PROVIDED. RIGID INSULATION MAY BE PROVIDED IN LIEU OF SOIL COVER AT A MINIMUM THICKNESS OF 25mm (1") OF RIGID INSULATION PER 300mm (1'-0") OF SOIL COVER REPLACED.



A S003 **TYPICAL CORNER BAR DETAIL**

1 : 20

PROVINCE OF MANITOBA
D. R. ROLFE
Member
24613
2017-06-09
REGISTERED PROFESSIONAL ENGINEER

APEGM
Certificate of Authorization
SWP Projects Ltd.
No. 6036 Expiry: April 30, 2018

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bridgmancollaborative ARCHITECTURE
bridgmancollaborative

Project: FRASER'S GROVE PARK / WAVERLEY WEST
PARKS STORAGE SHED

Bid Opportunity Number: --

Drawing Title: GENERAL NOTES - CONT'D

ADDENDUM No.2 17 06 29
ISSUED FOR CONSTRUCTION 17 06 09

Sheet No: S003r1