

GENERAL NOTES

1. ALLOWABLE DESIGN PRESSURE = 75 kPa ASSUMED
2. PROTECT EXISTING BUILDINGS, TREES, FENCES, UTILITY PIPES, CABLES, AND UNDERGROUND SERVICES AND STRUCTURES FROM REMOVAL OF EXISTING FOUNDATION FROM DAMAGE DURING REMOVAL

SPECIAL PROVISIONS

NO SUBSTITUTIONS ALLOWED UNLESS THE FOLLOWING WRITTEN PERMISSION OBTAINED FROM THE CONSULTANT AND THE PROJECT MANAGER.

CODES OF PRACTICE, BY-LAWS, REGULATIONS

1. CANADIAN CONSTRUCTION SAFETY CODE AND ALL OTHER CODES OF PRACTICE, BY-LAWS, REGULATIONS, IN CASE OF CONFLICT OR DISCREPANCY, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.

LOADS

1. SPECIFIED WORKING LOADS:
 - a) DEAD LOAD = 2.4 kPa
 - b) LIVE LOAD = 2.0 kPa
 - c) ACCUMULATED WIND LOAD = 45.0 kN/m
 - d) FUEL TANK VOLUME = 45.0 LITRES

ESTIMATING, CONTRACTUAL ARRANGEMENTS ETC.

1. VERIFY THE SITE AND EXISTING IT FOR ALL CHARACTERISTIC FEATURES AFFECTING REMOVAL FOUNDATION WORKS.
2. OBTAIN ALL DETAILS AND DIMENSIONS OF EXISTING WORK IN FIELD AND COORDINATE REMOVAL WORKS ACCORDINGLY.
3. OBTAIN ALL DETAILS AND DIMENSIONS OF EXISTING WORK IN FIELD AND COORDINATE REMOVAL WORKS ACCORDINGLY.
4. REPORT ANY DISCREPANCIES TO THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

DESIGN

1. ALL STRUCTURAL MEMBERS ARE DESIGNED IN ACCORDANCE WITH THE CANADIAN BUILDING CODE, LATEST EDITION.
2. ALL STRUCTURAL STEEL MEMBERS ARE DESIGNED IN ACCORDANCE WITH C.S.A. STANDARDS CAN/CAN-516-1-34.
3. ALL STRUCTURAL STEEL MEMBERS ARE DESIGNED IN ACCORDANCE WITH C.S.A. STANDARDS CAN/CAN-516-1-34.

STRUCTURAL STEEL

1. ALL STRUCTURAL STEEL SHALL CONFORM TO CAN STANDARD C333-12, GRADE 50W.
 - a) CHANNELS, ANGLES, GRADE 50W.
 - b) HSS SHALL HAVE MIN. WELD OF 150 MPa (GRADE C).
2. FABRICATION AND ERECTION SHALL CONFORM TO C.S.A. STANDARD C333-12, GRADE 50W.
3. ALL WELDING SHALL BE DONE BY QUALIFIED WELDERS IN COMPLIANCE WITH CAN STANDARD WEL-1-1992 AND IN ACCORDANCE WITH THE CANADIAN BUILDING CODE, LATEST EDITION.
4. PROVIDE WELDED OR BOLTED CONNECTIONS TO RESIST THE REACTIONS PRODUCED BY THE FRACTION AND LOADS.
5. PROVIDE EXCEPT HIGH STRENGTH CONNECTIONS WITH A817 ALLOY BOLTS EXCEPT A817 BOLTS FOR ANCHOR BOLTS.
6. TO ALL NEW STRUCTURAL STEEL, PROVIDE ONE SHOP COAT OF PRIMER AND ONE FIELD COAT OF PRIMER.
7. SLAB REMOVAL AND DETAIL CHANGES FOR REVIEW.
8. VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING FABRICATION OF STEEL WORK.
9. CLEAN ALL FIELD WEBS AFTER ERECTION AND TOUCH UP GALVANIZING, IF USED, SHALL BE IN COMPLIANCE WITH C.S.A. STANDARD CAN/CAN-516-1-34.
10. STANDARD CAN/CAN-516-1-34 - 101 OF GALVANIZING OF PRESULFURICATED MATERIALS.
11. PROVIDE PROTECTIVE COATING TO ALL STEEL MEMBERS TO PREVENT CORROSION.
12. ALL BOLTS FOR FRAMING CONNECTIONS TO CONCRETE SHALL BE IN COMPLIANCE WITH C.S.A. STANDARD CAN/CAN-516-1-34.
13. CHECK FOR AVAILABILITY OF STEEL AT ERECTION. REFERENCE UNDERLIEKED FROM SECTION WITH FURNISHMENT APPROVAL DETAIL OF STEEL SECTION IF REQUIRED.

CAST-IN-PLACE CONCRETE

1. ALL CONCRETE WORK SHALL CONFORM TO C.S.A. STANDARD CAN/CAN-318-1-1992, GRADE 30.
2. DETAIL, FABRICATE AND PLACE ALL REINFORCEMENT IN CONFORMANCE TO THE LATEST EDITION OF MANUAL OF CONCRETE CONSTRUCTION AND DETAIL SPECIFICATIONS, 11TH EDITION, 1999.
3. ALL REINFORCEMENT SHALL BE REINFORCED BARS CONFORMING TO C.S.A. STANDARD CAN/CAN-516-1-34.
4. PROVIDE CONCRETE COVER TO REINFORCEMENT AS FOLLOWS:
 - a) STRUCTURAL SLAB : 2" (50 mm)
5. UNLESS OTHERWISE NOTED ON PLAN OR IN SPECIFICATIONS, ALL CONCRETE SHALL BE READY MIXED WITH TYPE 10 CEMENT, 3/4" (20mm) MAXIMUM NOMINAL SIZE OF AGGREGATE, AND 28 DAY STRENGTH = 20 MPa.

SHOP DRAWING REVIEW

THIS DRAWING HAS BEEN REVIEWED FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT ONLY. SUCH REVIEW SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY FOR ERRORS OR OMISSIONS OR OF MEETING THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. NO RESPONSIBILITY IS ASSUMED FOR CORRECTNESS OF DIMENSIONS OR DETAILS.

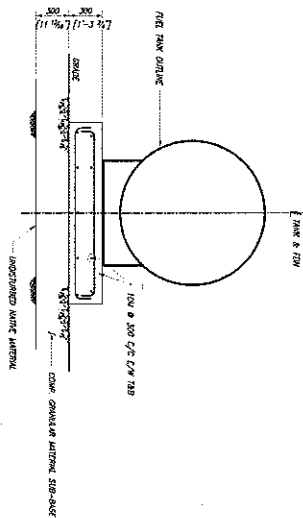
NO COMMENT	Submission No. <u>98</u>
SEE COMMENTS	Project No. <u>018167</u>
AMEND & RESUBMIT	By <u>GS</u>
REJECTED	Date <u>July 26/10</u>

DILLON CONSULTING LIMITED

Prepared by: PROFESSIONAL ENGINEER
 Checked by: PROFESSIONAL ENGINEER
 Date: 2010/07/26

PROJECT NO.	2010-1425	DATE OF ISSUE	2010/07/26
PROJECT NAME	FUEL STORAGE TANK	PROJECT LOCATION	TALLOOYAK, NU
PROJECT DESCRIPTION	GENERAL NOTES	PROJECT MANAGER	STRUCTURE ALL
PROJECT NO.	2010-1425	DATE OF ISSUE	2010/07/26
PROJECT NAME	FUEL STORAGE TANK	PROJECT LOCATION	TALLOOYAK, NU
PROJECT DESCRIPTION	GENERAL NOTES	PROJECT MANAGER	STRUCTURE ALL
PROJECT NO.	2010-1425	DATE OF ISSUE	2010/07/26
PROJECT NAME	FUEL STORAGE TANK	PROJECT LOCATION	TALLOOYAK, NU
PROJECT DESCRIPTION	GENERAL NOTES	PROJECT MANAGER	STRUCTURE ALL





SECTION 1
SCALE = 1:20

[illegible]