



DO NOT SCALE DRAWINGS

Revision/	Description/Description	Date/Date
A	ISSUED FOR CONSTRUCTION	2016/11/02

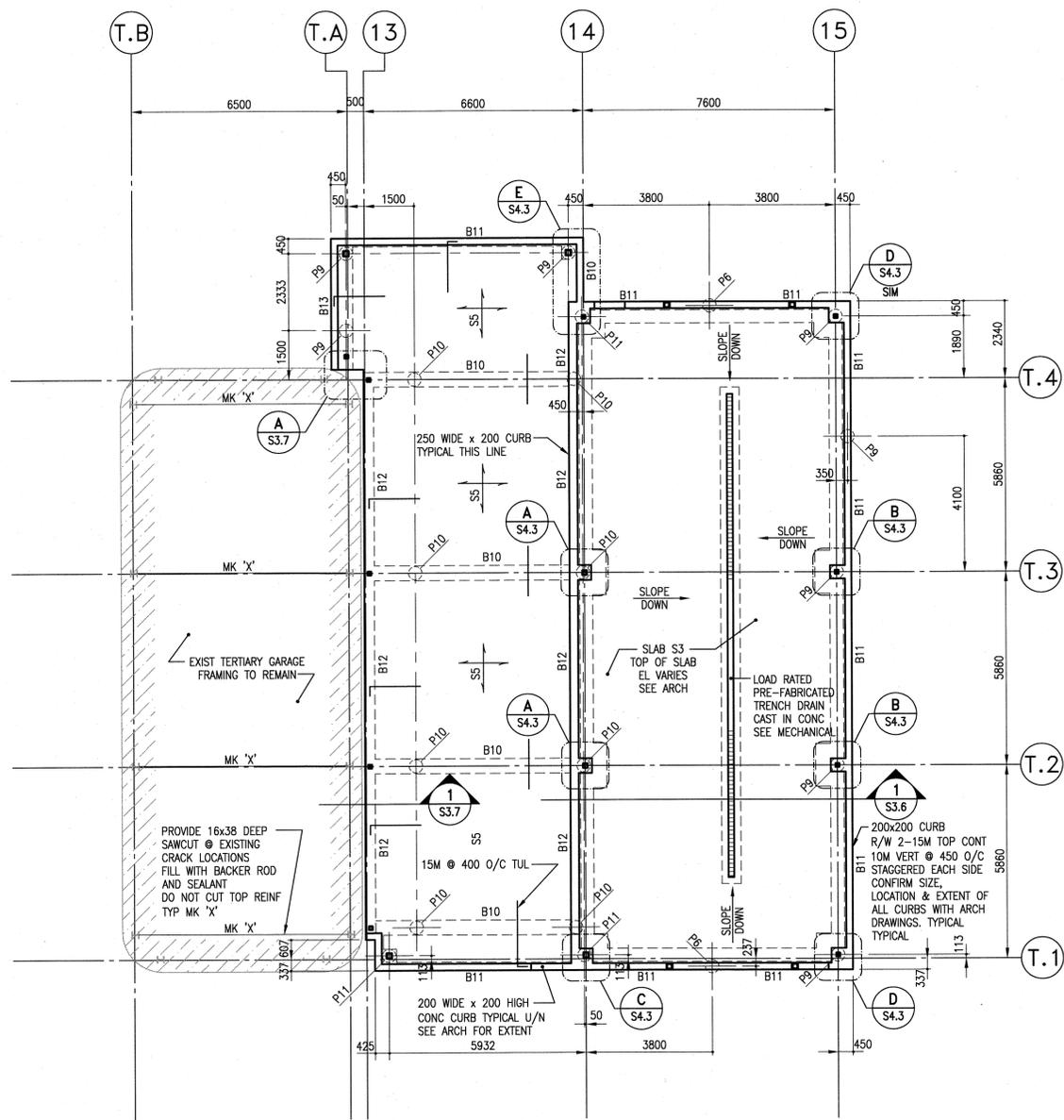
Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES AGENCY

Project title/Titre du projet
EMERSON, MANITOBA
HIGHWAY 75, UNITED STATES BORDER
EXPANSION AND REDEVELOPMENT OF THE EMERSON PORT OF ENTRY

Approved by/Approve par
KJP
Designed by/Concept par
JAL/KJP
Drawn by/Dessine par
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PWGSC Project Manager/Administrateur de Projets TPSGC
James Hutchings
PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

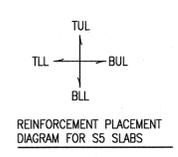
Client/client
Drawing title/Titre du dessin
TERTIARY GARAGE MAIN FLOOR & ROOF FRAMING PLANS STORAGE BUILDING SLAB SECTION

Project No./No. du projet R.068431.001	Sheet/Fauille S1.5 OF 17	Revision no./ La Révision no. 0
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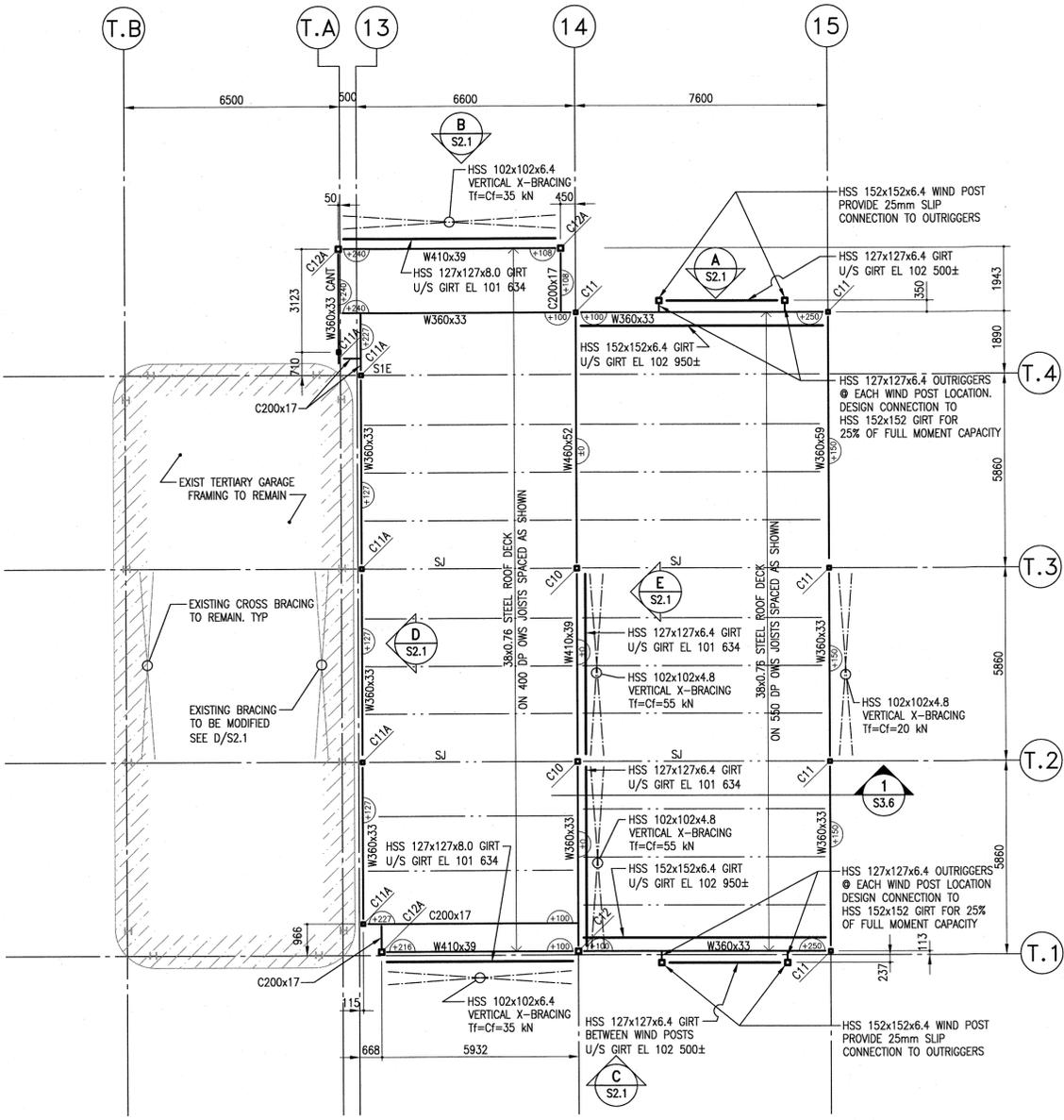


TERTIARY GARAGE FOUNDATION PLAN
1 : 100

- DESIGN LIVE LOAD = 4.8 kPa.
- TOP OF SLAB ELEVATION = 99 450 U/N
- TOP OF PILE ELEVATIONS TO BE AT EL 98 850 TYPICAL ENTIRE TERTIARY GARAGE
- CRANK ALL SECONDARY BEAM BOTTOM STEEL TO REST ON PRIMARY BEAM BOTTOM STEEL TYPICAL
- SEE DRAWING S1.0 FOR GENERAL NOTES.
- SEE DRAWING S1.2 FOR PILE SCHEDULE.
- SEE DRAWING S1.3 FOR SLAB SCHEDULE.

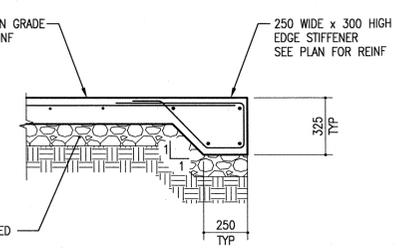


REINFORCEMENT PLACEMENT DIAGRAM FOR S5 SLABS

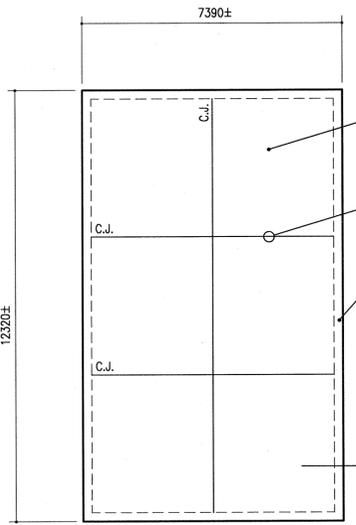


TERTIARY GARAGE ROOF FRAMING PLAN
1 : 100

- DESIGN LIVE LOAD = 2.0 kPa SNOW & RAIN
- DESIGN DEAD LOAD = 0.72 kPa
- TOP OF STEEL = ELEVATION 104 525 U/N THUS ± ON PLAN.
- SEE DRAWING S1.0 FOR GENERAL NOTES.
- SEE DRAWING S1.4 FOR COLUMN SCHEDULE.
- ALL JOIST SEAT DEPTHS TO BE 100 DEEP.
- SJ DENOTES STRUT JOIST TO BE DESIGNED FOR A MIN TENSION OR COMPRESSION OF 20kN
- S1E DENOTES STRUT TIE ONE END



1 SECTION
S1.5 1 : 20



STORAGE BUILDING SLAB
1 : 100

- PREPARE SUB-GRADE AND GRANULAR BASE AS PER GEOTECHNICAL REPORT
- COORDINATE WITH EXISTING SUPER STRUCTURE

