

SLAB ON GRADE DETAILS

(READ IN CONJUNCTION WITH DETAIL CG01B, CG01C)

CG01A

SLAB ON GRADE DETAILS

(READ IN CONJUNCTION WITH DETAILS CG01A, CG01C)

CG01B

SLAB ON GRADE DETAILS

(READ IN CONJUNCTION WITH DETAILS CG01B, CG01C)

CG01C

SLAB ON GRADE DETAILS

(READ IN CONJUNCTION WITH DETAILS CG01B, CG01C)

TYPICAL JOINTS IN CONCRETE WALLS (NOT SPECIFIED AS SHEAR WALLS)

CW01

L-JOINT WALLS - PLAN VIEW

T-JOINT WALLS - PLAN VIEW

COLUMN CAST INTEGRALLY WITH WALLS - PLAN VIEW

NOTES:

- SAWCUTTING TO BE DONE AS SOON AS POSSIBLE AFTER SLAB IS PLACED. (MAX. 24 HOURS).
- JOINTS TO BE AT MAX. 24x SLAB THICKNESS FOR MAXIMUM AGGREGATE SIZE SMALLER THAN 19mm (¾") AND 30 TIMES SLAB THICKNESS FOR AGGREGATE SIZE LARGER THAN 19mm (¾") BUT NOT MORE THAN 450mm (14'-9").
- MAXIMUM RATIO BETWEEN LENGTH AND WIDTH OF ANY PANEL CREATED BY SAWCUT SHOULD NOT EXCEED 1.5.
- COORDINATE EXACT LOCATIONS OF SAWCUTS IN SLAB ON GRADE WITH ARCHITECTURAL REQUIREMENTS.
- SAWCUT SLAB ON GRADE AT LOCATIONS SHOWN ON PLAN OR AS NOTED BELOW. ALTERNATE LOCATIONS SHALL BE SUBMITTED TO CONSULTANT FOR REVIEW, WELL IN ADVANCE OF POURING SLAB ON GRADE.
- AFTER THE SLAB IS A MINIMUM 60 DAYS OLD, REMOVE ALL DEBRIS FROM THE SAW CUTS AND FILL WITH MORTAR CONTAINING CEMENT, SAND AND LATEX BONDING AGENT, OR AS NOTED IN SPECIFICATIONS.
- PRIOR TO SUBSTANTIAL COMPLETION OF THE PROJECT ROUT ALL CRACKS IN THE SLAB ON GRADE AND FILL WITH MORTAR CONTAINING CEMENT, SAND AND LATEX BONDING AGENT OR AS NOTED IN SPECIFICATIONS.
- REFER TO TYPICAL DETAIL CG01B, CG01C FOR SAW CUT DETAILS.

CONSTRUCTION JOINT DOWELS

| SLAB THICKNESS | PLATE DOWELS | DOWL SIZE AND SPACING |
|----------------|------------------------------------|-----------------------|
| 130-150mm | AS PER MANUFACTURER RECOMMENDATION | 2Ø8@300x300 G |
| 160-200mm | | 25Ø@300x300 L |
| 230-280mm | | 3Ø8@300x300 L |

PROJECT: CITY OF VAUGHAN
FIRE STATION 7-12

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| DWG TITLE | | |
| TYPICAL DETAILS | | |
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| ORIENTATION | | |
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| DEC. 2023 | | |
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