

1) CONCRETE SECTION 1

CONCRETE WORK SHALL COMPLY WITH CSA-A23.3-14
 SUBMIT FOR REVIEW THE PROPOSED MIX DESIGN FOR EACH CLASS OF CONCRETE
 PROVIDE EXPANSION JOINTS @ 6000 O/C MAX.

ELEMENT	28 DAYS STRENGTH	SLUMP MAX.	EXPOSURE CLASS
SLABS-ON-GRADE	25 MPa	75 mm	N
FOOTINGS, TYP. FOUNDATION WALLS	25 MPa	75 mm	F-2
RETAINING WALLS	35 MPa	75 mm	C-1
PAVEMENTS & WALKS	32 MPa	50 mm	C-2

*OBTAIN THESE SLUMPS WITH AID OF SPECIFIED WATER REDUCING AGENT

NOTE: ALL CONCRETE EXPOSED TO EXTERIOR CONDITIONS TO HAVE MIN. 6% AIR ENTRAINMENT

1.2 CONCRETE COVER (CLEAR TO REINFORCING)

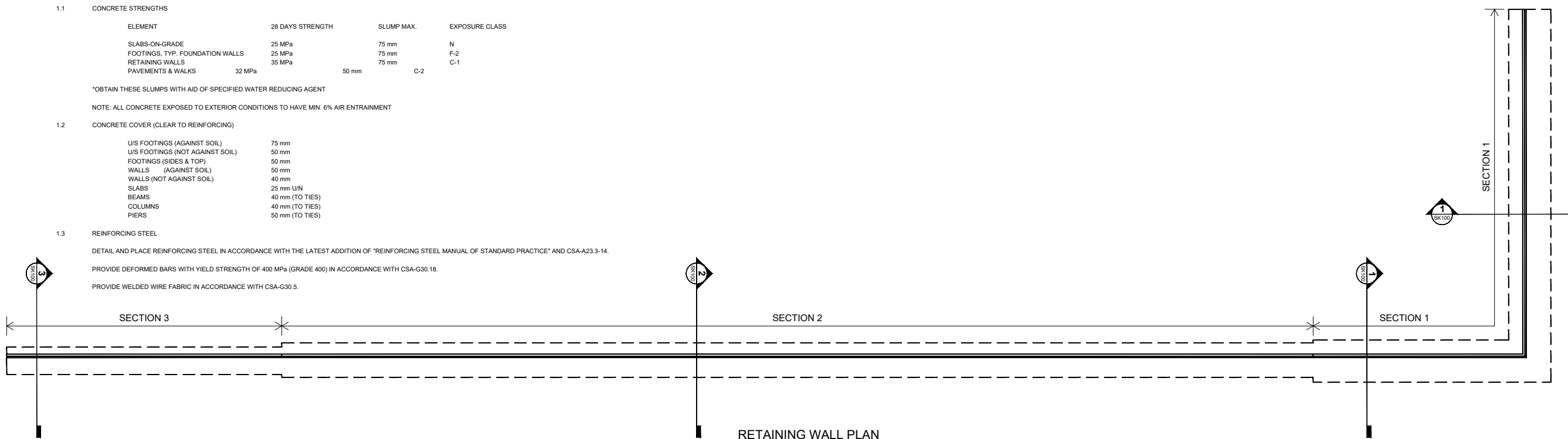
U/S FOOTINGS (AGAINST SOIL)	75 mm
U/S FOOTINGS (NOT AGAINST SOIL)	50 mm
FOOTINGS (SIDES & TOP)	50 mm
WALLS (AGAINST SOIL)	50 mm
WALLS (NOT AGAINST SOIL)	40 mm
SLABS	25 mm U/N
BEAMS	40 mm (TO TIES)
COLUMNS	40 mm (TO TIES)
PIERS	50 mm (TO TIES)

1.3 REINFORCING STEEL

DETAIL AND PLACE REINFORCING STEEL IN ACCORDANCE WITH THE LATEST ADDITION OF "REINFORCING STEEL MANUAL OF STANDARD PRACTICE" AND CSA-A23.3-14.

PROVIDE DEFORMED BARS WITH YIELD STRENGTH OF 400 MPa (GRADE 400) IN ACCORDANCE WITH CSA-G30.18.

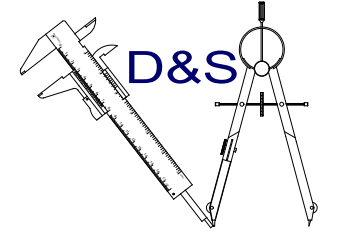
PROVIDE WELDED WIRE FABRIC IN ACCORDANCE WITH CSA-G30.5.



RETAINING WALL PLAN

REV	DESCRIPTION	DATE
1	FOR SITE PLAN APPROVAL	05.08.2020
0	FOR SITE PLAN APPROVAL	16.04.2020

DESIGN & SYSTEMS
 STRUCTURAL & WELDING ENGINEERS



SUITE 252, 2378 HOLLY LANE
 OTTAWA, ON K1V 3P1
 TEL +1 (613) 739-7482
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ENGINEER

CLIENT
MEGHA HOLDINGS INC
 1000 BELLFAST ROAD, OTTAWA, ON K1G 4A2

PROJECT
INDUSTRIAL WAREHOUSE
 1243 TERON ROAD, KANATA, ON K2K 1X2

DRAWING
RETAINING WALL
 PLAN AND TYP. WALL SECTIONS

DRAWN BY	EAJ	DWG. NO.	SK100
CHECKED BY	BSK	SCALE	D.N.T.S
DATE	05.08.2020		