



PETER J. KINDREE ARCHITECT

79 Hinton Avenue N. Ottawa K1Y 0Z7 (613) 860-1530



D01-1 GENERAL

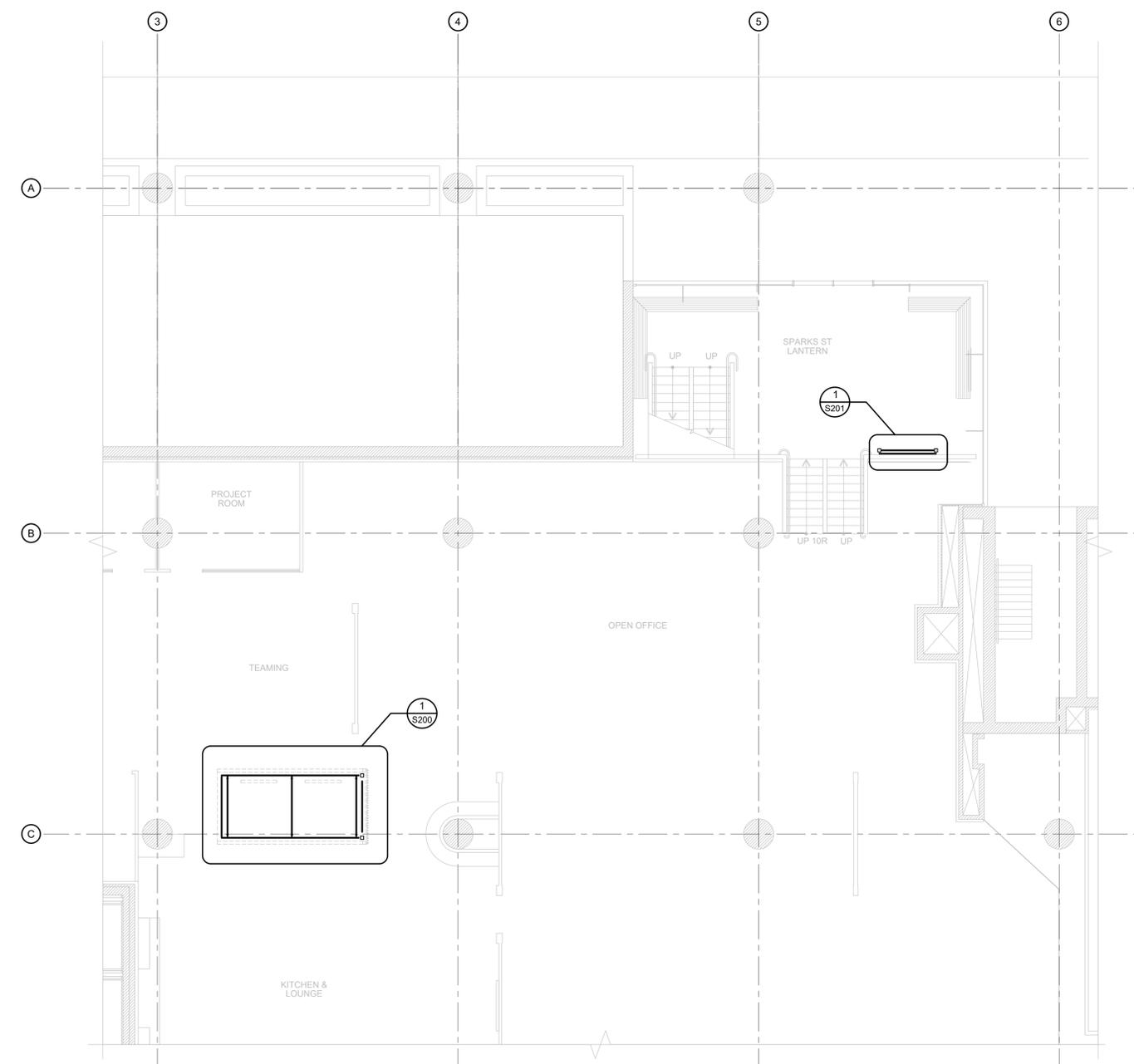
- D01-1 GENERAL INFORMATION**
- THE INFORMATION PRESENTED ON THESE DRAWINGS HAS BEEN DESIGNED AND ANALYZED IN ACCORDANCE WITH THE 2015 NATIONAL BUILDING CODE OF CANADA. CONSTRUCTION IS TO BE PERFORMED IN ACCORDANCE WITH THIS AND ALL OTHER APPLICABLE CODES.
 - 1.1 STEEL STRUCTURE DESIGNED IN ACCORDANCE WITH CSA-S16-14
 - CONTRACTOR IS TO VERIFY/COORDINATE ALL DIMENSIONS/PENETRATIONS WITH ARCHITECTURAL/MECHANICAL/ELECTRICAL DRAWINGS PRIOR TO CONSTRUCTION. REPORT INCONSISTENCIES BEFORE PROCEEDING WITH WORK. ANY OPENINGS NOT INDICATED ON STRUCTURAL DRAWINGS ARE TO BE APPROVED BY DEPARTMENTAL REPRESENTATIVE IN WRITING PRIOR TO CONSTRUCTION.
 - SEISMIC RESTRAINT OF ARCH/MECH/ELECT ELEMENTS NOT NOTED ON THE DRAWINGS ARE THE RESPONSIBILITY OF THE CONTRACTOR'S ENGINEER. RESTRAINT DETAILS ARE TO BE DEVELOPED IN ACCORDANCE WITH THE 2015 NBC. CONTRACTOR'S ENGINEER IS RESPONSIBLE FOR THE DESIGN AND DETAILING OF SEISMIC RESTRAINTS AND ISOLATIONS AS REQUIRED BY SPECIFICATIONS INCLUDING THE VERIFICATION THAT THE EXISTING STRUCTURE IS CAPABLE OF SAFELY SUPPORTING THE IMPOSED LOADS IN ACCORDANCE WITH THE 2015 NBC. NO ELEMENTS MAY BE CONSTRUCTED WITHOUT WRITTEN CONFIRMATION OF THESE CONDITIONS BY CONTRACTOR'S ENGINEER.
 - DRAWINGS SHOW COMPLETED STRUCTURE ONLY. CONTRACTOR TO PROVIDE PRE-ENGINEERED SHORING AS REQUIRED TO ACCOMMODATE THE CONTRACTOR'S CONSTRUCTION ACTIVITIES AND TO PREVENT DAMAGE TO ANY ADJACENT PROPERTY. ALL CONSTRUCTION ACTIVITIES TO BE LIMITED TO THE LIMITS OF THE CONSTRUCTION SITE AND ALL DAMAGE TO EXISTING PROPERTIES MUST BE REINSTATED.
 - CONTRACTOR IS RESPONSIBLE FOR CO-ORDINATING & TIMING OF THE CONSTRUCTION WITH RESPECT TO THE VARIOUS TRADES.
 - PROPRIETARY SYSTEMS ARE TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 - DO NOT SCALE THESE DRAWINGS.
 - DETAILS OF CONSTRUCTION ARE SHOWN BASED ON INFORMATION AVAILABLE AT THE TIME OF PREPARING DESIGN DRAWINGS. IF, DURING CONSTRUCTION, CONDITIONS ARE REVEALED THAT DIFFER FROM THE ASSUMED CONDITIONS, ADVISE THE DEPARTMENTAL REPRESENTATIVE BEFORE PROCEEDING.
 - VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS ON SITE PRIOR TO FABRICATION.
 - EXISTING STRUCTURE HAS BEEN REVIEWED FOR LOADS IMPOSED BY HUDDLE STRUCTURE AND TV MONITOR STAND, AND FOUND TO BE STRUCTURALLY ACCEPTABLE.

D01-2 SHOP DRAWINGS

- SUBMIT SHOP DRAWINGS FOR ALL STRUCTURAL WORK AND ANY WORK AFFECTING THE STRUCTURE TO THE CONSTRUCTION MANAGER. OBTAIN DEPARTMENTAL REPRESENTATIVE'S APPROVAL BEFORE PROCEEDING WITH THE FABRICATION.
- EACH OF THE FOLLOWING SHOP DRAWINGS MUST BEAR THE SIGNATURE AND STAMP OF A QUALIFIED PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE (PLUS OTHER DRAWINGS AS NOTED):
 - a) DRAWINGS FOR ANY TEMPORARY WORK
 - b) DRAWINGS FOR ANY STRUCTURAL PARTS DESIGNED BY THE CONTRACTOR'S FORCES
 - c) STRUCTURAL STEEL JOIST
 - d) STEEL TO STEEL CONNECTIONS
- SHOP DRAWINGS MUST BE REVIEWED AND STAMPED BY THE CONTRACTOR BEFORE ISSUING TO THE DEPARTMENTAL REPRESENTATIVE. SHOP DRAWINGS NOT STAMPED BY THE CONTRACTOR WILL BE REJECTED. ANY DELAYS IN THE CONSTRUCTION SCHEDULE DUE TO NONCOMPLIANCE WITH THIS REQUIREMENT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- SHOP DRAWINGS ARE REVIEWED FOR CONFORMANCE WITH THE GENERAL DESIGN CONCEPT. THIS REVIEW DOES NOT IMPLY APPROVAL OF THE DETAILED DESIGN OR QUANTITIES DESCRIBED IN THE SHOP DRAWINGS. THE RESPONSIBILITY FOR THE QUANTITIES AND DETAILED DESIGN OF THE MATERIALS AND COMPONENTS AS REQUIRED TO PROVIDE THE COMPLETE AND SATISFACTORY JOB DESCRIBED IN THE DESIGN DOCUMENTS REMAINS WITH THE CONTRACTOR.

D01-3) LATERAL LOADS: ELEMENTS OF STRUCTURES, NON-STRUCTURAL COMPONENTS AND EQUIPMENT

- ELEMENTS OF STRUCTURES, NON-STRUCTURAL COMPONENTS AND EQUIPMENT
- COMPONENTS OF BUILDING:
 - CATEGORY 3: EXTERIOR AND INTERIOR ORNAMENTATIONS AND APPENDAGES
Cp = 1, Ae = 2.5, Rp = 2.5
- SEISMIC IMPORTANCE FACTOR: 2015 NBC CLAUSE 4.1.8.5
Ie = NORMAL (1.0)
- SITE CLASS: 'E' (ASSUMED)
- RESPONSE SPECTRUM DATA:
 - 5% DAMPED SPECTRAL RESPONSE ACCELERATION VALUES FOR REFERENCE CITY: (2015 NBC)
Sa(0.2) = 0.439
 - DESIGN SPECTRAL RESPONSE ACCELERATION VALUES (DSRAV): (2015 NBC CLAUSE 4.1.8.4)
CLASS 'E': (Fa=1.14)
- HEIGHT FACTOR: Ax = 1 + 2 * h / 3 = 3 (WORST CASE)
HORIZONTAL FORCE FACTOR: Sp = Cp * Ae * Ax = 3.0
Rp
- WEIGHT OF COMPONENT OR ELEMENT: HUDDLE = 550 Kg, MONITOR = 100 Kg
- LATERAL DESIGN FORCE: Vp = 0.3 Fa Sa (0.2) Ie Sp Wp (2015 NBC CLAUSE 4.1.8.18)



1 PARTIAL PLAN: GROUND FLOOR
S100 SCALE: 1/75



L'ENTREPRENEUR DEVRA VÉRIFIER TOUTES LES DIMENSIONS ET LES CONDITIONS SUR LE CHANTIER ET AVISER SANS DÉLAI LE REPRÉSENTANT DU MINISTÈRE DE TOUTE ANOMALIE.
Contractor to verify all dimensions and conditions on site and immediately notify the departmental representative of all discrepancies.

revisions	description	date
4	ISSUED FOR TENDER	2019/05/03
3	ISSUED FOR COORDINATION	2019/04/22
2	ISSUED FOR TRANSLATION	2019/04/12
1	ISSUED FOR 99% REVIEW	2019/04/02

A detail no. du détail
 B location drawing no. sur dessin no.
 C drawing no. dessin no.

project projet
CD HOWE BLDG. LEVEL C2 FRAMING
 OTTAWA, ONTARIO

drawing dessin
GENERAL NOTES, AND PLAN

Designed By	K. ROCKLEY	Conçu par	
Date		(yyyy/mm/dd)	
Drawn By	A. WITTICH	Dessiné par	
Date		(yyyy/mm/dd)	
Reviewed By	K. ROCKLEY	Examiné par	
Date		(yyyy/mm/dd)	
Approved By	C. FLUDE	Approuvé par	
Date		(yyyy/mm/dd)	
Tender	ISMAT BEGUM	Soumission	

Project Manager Administrateur de projets
 Project no. **R.100325.004** No. du projet

Drawing no. **S100** No. du dessin

