

EX OWSJ

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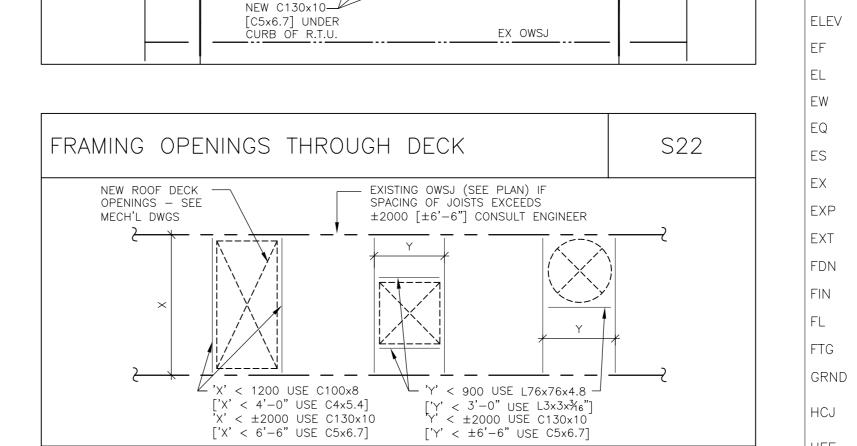
EX OWSJ

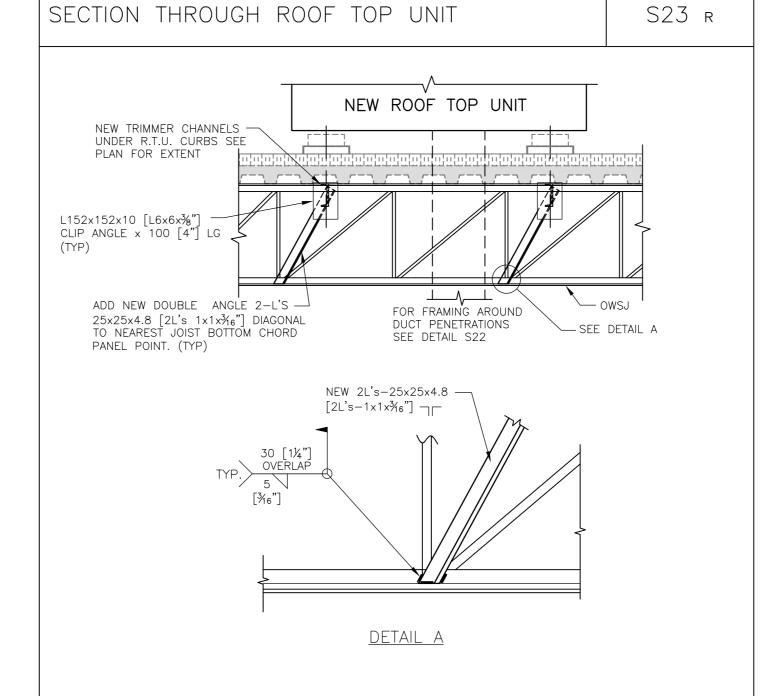
MECHANICAL ROOF TOP UNIT

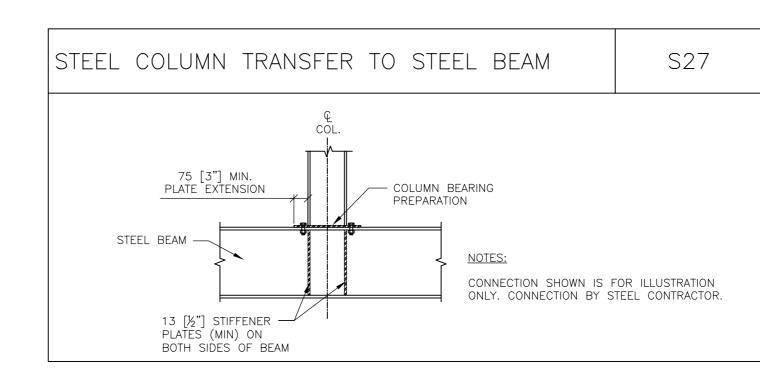
NEW 700 kG [1500 LB]-

MAX R.T.U. SEE MECH'L

DWGS







# ABBREVIATIONS

LG LONG

ALTERNATING

A.BOLT

BEW

BTWN

CONC

DWG

DWLS

CLEANOUT

CONCRETE

CONNECTION

CONTINUOUS

DIAMETER

DITTO

DOWN

DEEP

DRAWINGS

DOWELS

EACH END

ELEVATION

EACH FACE

EACH WAY

EACH SIDE

EXPANSION

EXTERIOR

FLOOR

FOOTING

HOOK EACH END

HIGH POINT

HORIZONTAL

INSIDE FACE

INTERIOR

INVERT

JOINT

LIVE LOAD

INSIDE DIAMETER

LEFT HAND END

HORIZONTAL EACH FACE

HORIZONTAL INSIDE FACE

FOUNDATION

EQUAL

DEAD LOAD

CONSTRUCTION

COMPLETE WITH

COLUMN

ABOVE FINISHED FLOOR	LLBB	LONG LEG BACK TO BACK	
ANCHOR BOLT	LLH	LONG LEG HORIZONTAL	
ARCHITECTURAL	LLV	LONG LEG VERTICAL	
ACCUMULATED SNOW LOAD	LP	LOW POINT	UIAL
BOTTOM CHORD EXTENSION	LSH	LONG SIDE HORIZONTAL	
BOTTOM EACH WAY	LSV	LONG SIDE VERTICAL	Stamp
воттом	MAX	MAXIMUM	
BETWEEN	MECH	MECHANICAL	
BOTTOM LOWER LAYER	МС	MOMENT CONNECTION	
BOTTOM UPPER LAYER	Mf	FACTORED MOMENT	ED PROFESSIONAL ST
BASE PLATE	MID	MID-DEPTH	N.M. R. MANSOUR D.
COLUMN ABOVE	MIN	MINIMUM	100058882
CANTILEVER	MRF	MOMENT RESISTING FRAME	STOP OF OUT MILE OF OR
COLUMN BELOW	NTS	NOT TO SCALE	WOE OF OWELL
CENTRE TO CENTRE	0/C	ON CENTRE	2015.11.04
FACTORED COMPRESSION FORCE	O.D.	OUTSIDE DIAMETER	
CONTROL JOINT	O.F.	OUTSIDE FACE	
COMPLETE JOINT PENETRATION	0/0	OUT TO OUT	
	I		

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Travaux publics et



UNO UNLESS NOTED OTHERWISE

VERTICAL BRACE FRAME

VERTICAL EACH FACE

(IN PLANE W/ FLOOR)

VERTICAL INSIDE FACE

WELDED WIRE FABRIC

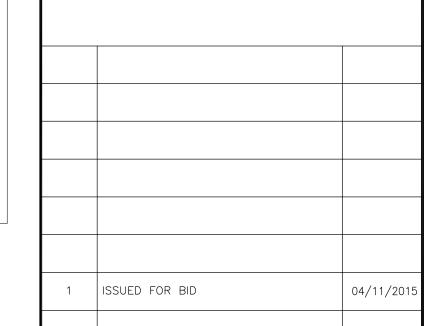
VERTICAL OUTSIDE FACE

FACTORED SHEAR FORCE

UNDERSIDE

WITH

WORK POINT



o not scale drawings. Verify all dimensions and conditions on site and immediately notify the Departmental Representative of all discrepancies.

INLAND WATERS 867 LAKESHORE ROAD BURLINGTON, ONTARIO, L7R 4A6 LABS, AHUS, AND HEATING

drawing title titre du dessin TYPICAL DETAILS

dessine par DT

designed by conc par NM

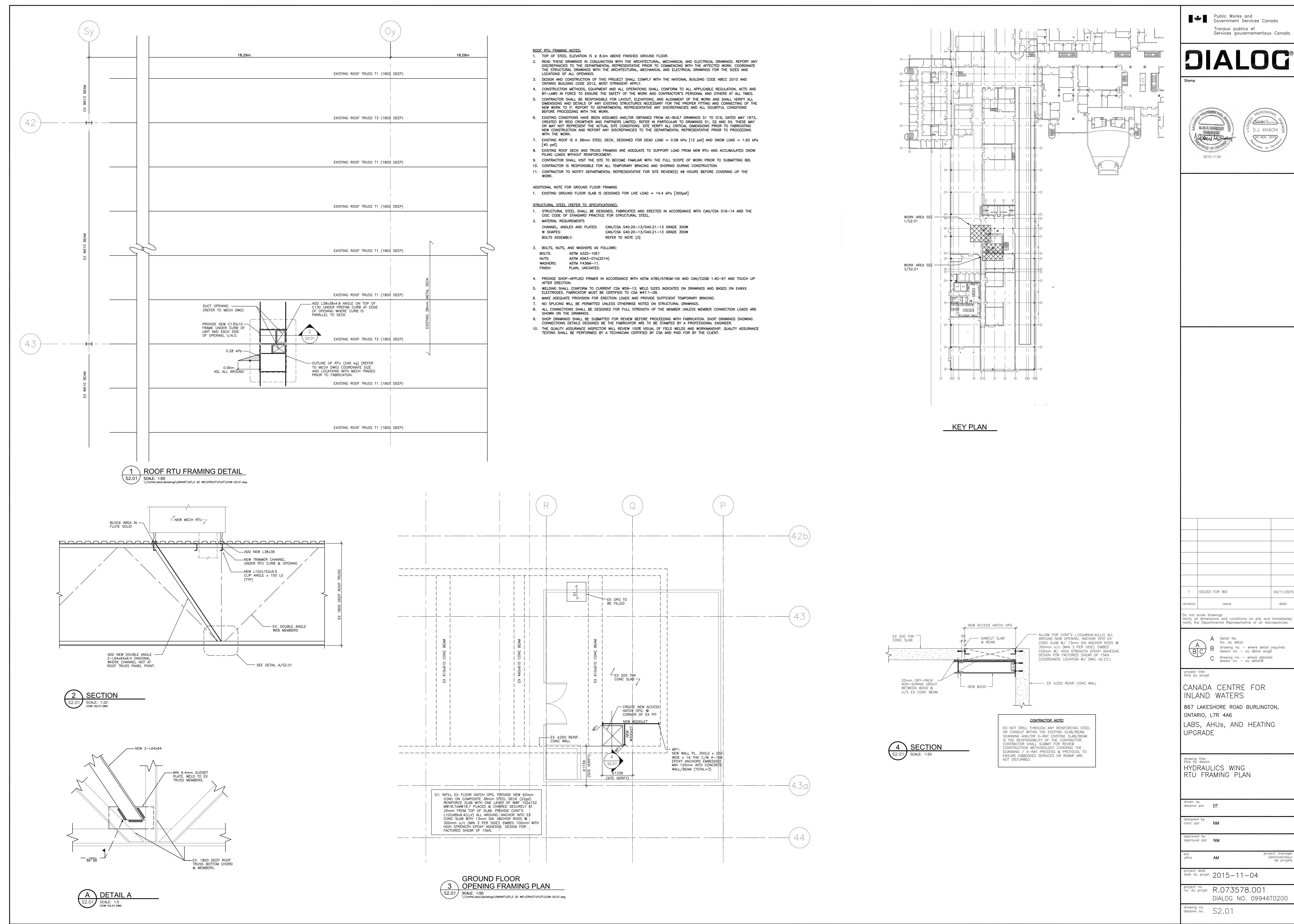
approved by approuve par NM

project date date du projet 2015-11-04

project no. no. du projet R.073578.001 DIALOG NO. 09946T0200

drawing no. S1.01

FACTORED HORIZONTAL SHEAR FORCE VERTICAL SLOTTED CONNECTION issue A Detail No. No. du détail R drawing no. — where detail required dessin no. — où détail exig**é** C drawing no. — where detailed dessin no. — où détaillé titre du projet CANADA CENTRE FOR UPGRADE

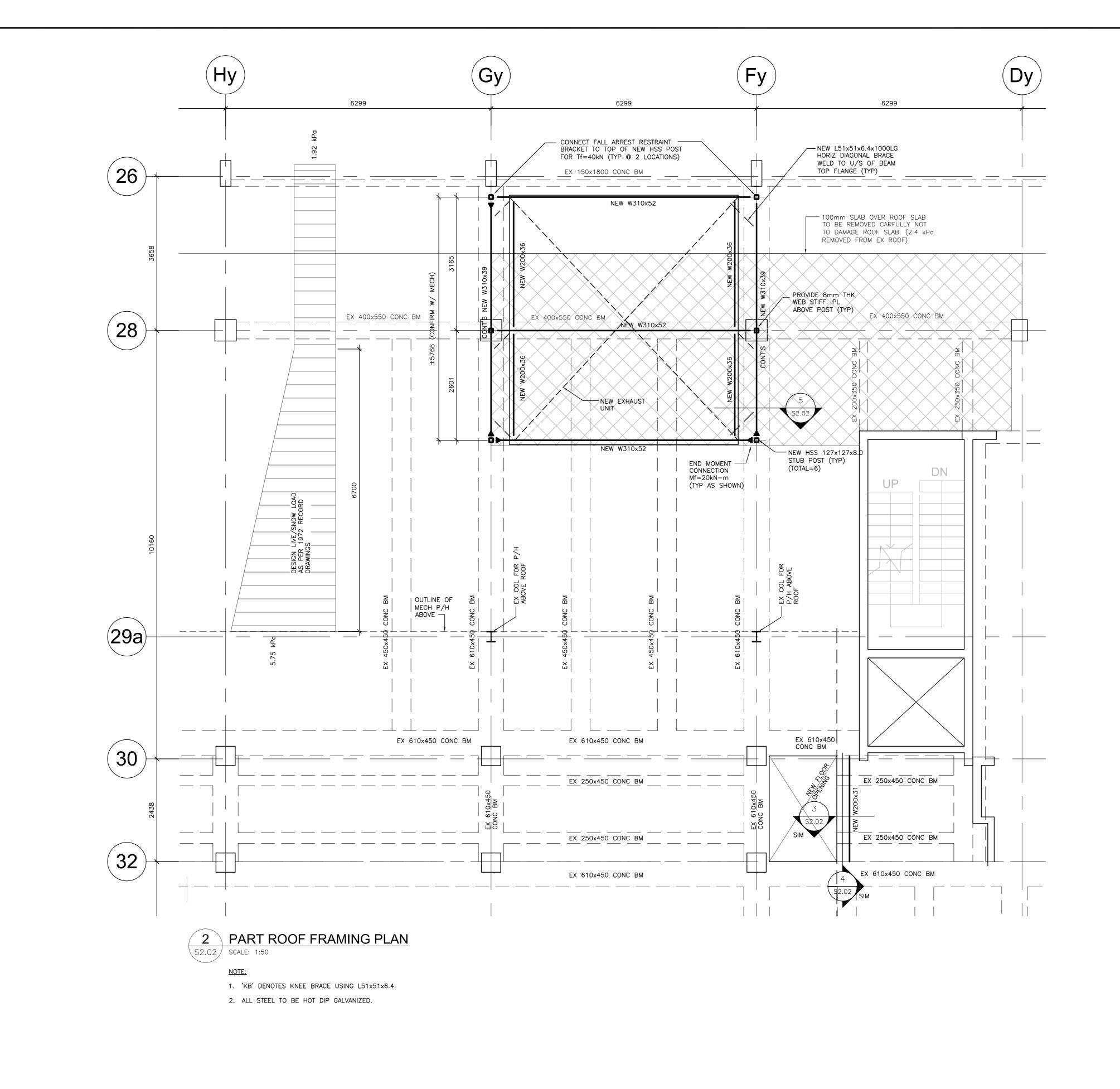


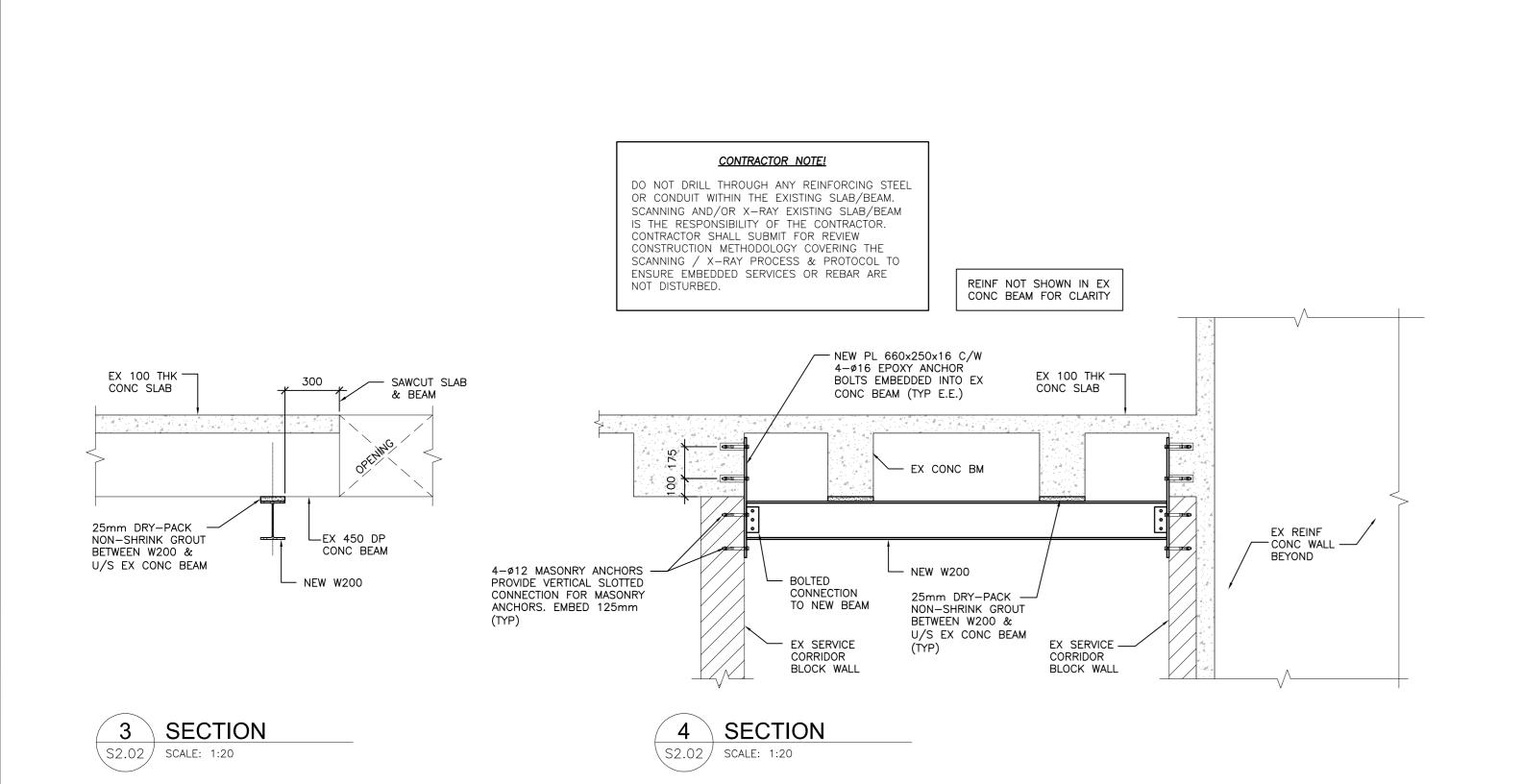
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(29a)

EX CONC WALL —

EX 250×450 CONC BM

EX 250x450 CONC BM

EX 610x450 CONC BM

TYPICAL PART 5TH TO 7TH

-- 4.8 kPa [100psf] PERIMETER AREAS

1 FLOOR FRAMING PLAN

\S2.02 / SCALE: 1:50

1. PLAN INDICATES TYPICAL FRAMING AROUND NEW MECHANICAL SHAFT OPENING.

3. TYPICAL EXISTING FLOOR HAS BEEN DESIGNED FOR A LIVE LOAD EQUAL TO:

-- 7.2 kPa [150psf] FOR CENTRAL CORE LAB AREA (BETWEEN GRID LINES 28 AND 34)

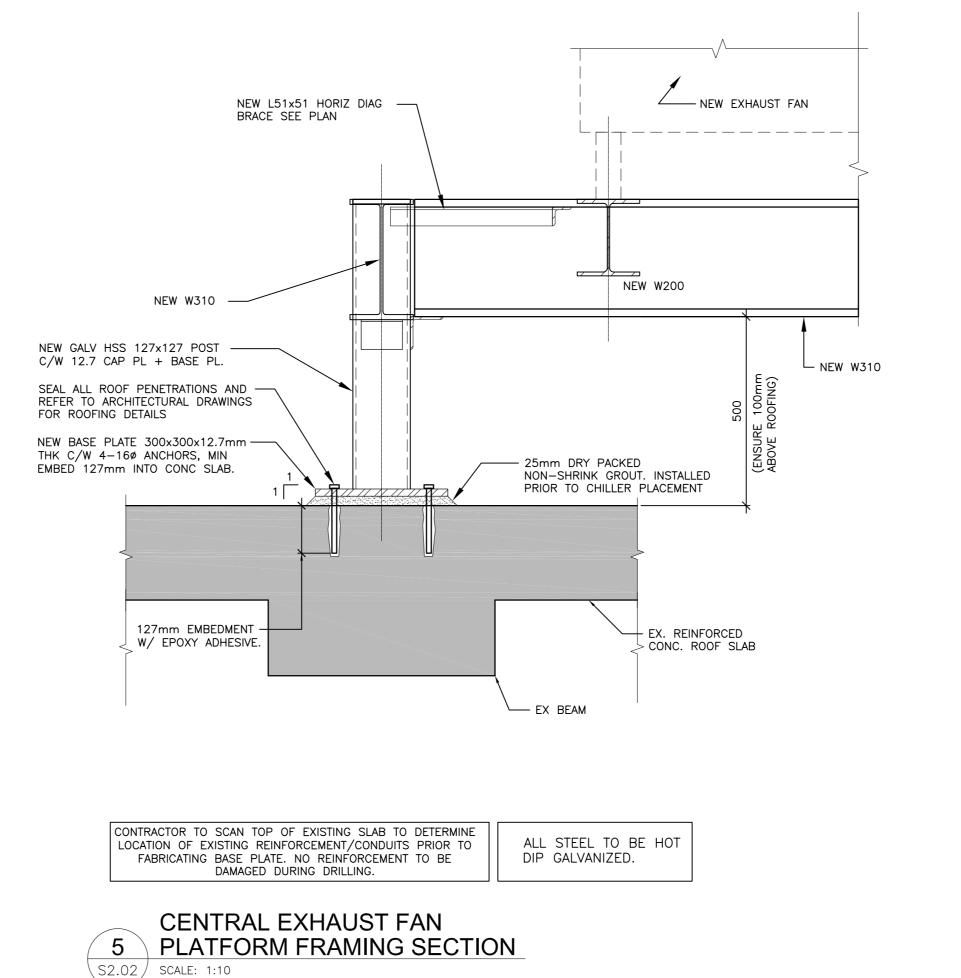
2. READ THESE DRAWINGS IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS.

REPORT ANY DISCREPANCIES TO THE DEPARTMENTAL REPRESENTATIVE PRIOR TO COMMENCING WITH THE AFFECTED WORK. COORDINATE THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR THE SIZES AND LOCATIONS OF ALL OPENINGS.

\_\_\_\_\_

EX 250x450 CONC BM EX 250x450 CONC BM

-NEW FLOOR OPENING



ROOF PLATFORM (A&L BLDG) FLOOR FRAMING NOTES:

1. TOP OF STEEL ELEVATION IS  $\pm$  0.81m ABOVE EXISTING ROOF SLAB. 2. EXISTING ROOF SLAB ELEVATION IS  $\pm$  30.18 ABOVE FINISHED GROUND FLOOR, AT DATUM ELEVATION +108.51m. 3. READ THESE DRAWINGS IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS. REPORT ANY DISCREPANCIES TO THE DEPARTMENTAL REPRESENTATIVE PRIOR TO COMMENCING WITH THE AFFECTED WORK. COORDINATE THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR THE SIZES AND LOCATIONS OF ALL OPENINGS.

4. DESIGN AND CONSTRUCTION OF THIS PROJECT SHALL COMPLY WITH THE NATIONAL BUILDING CODE NBCC 2010 AND ONTARIO BUILDING 2012, MOST STRINGENT APPLY. 5. CONSTRUCTION METHODS, EQUIPMENT AND ALL OPERATIONS SHALL CONFORM TO ALL APPLICABLE REGULATION, ACTS AND BY-LAWS IN FORCE TO ENSURE THE SAFETY OF THE WORK AND CONTRACTOR'S PERSONAL AND OTHERS AT ALL TIMES.

6. CONTRACTOR SHALL BE RESPONSIBLE FOR LAYOUT, ELEVATIONS, AND ALIGNMENT OF THE WORK AND SHALL VERIFY ALL DIMENSIONS AND DETAILS OF ANY EXISTING STRUCTURES NECESSARY FOR THE PROPER FITTING AND CONNECTING OF THE NEW WORK TO IT. REPORT TO DEPARTMENTAL REPRESENTATIVE ANY DISCREPANCIES AND ALL DOUBTFUL CONDITIONS BEFORE PROCEEDING WITH THE WORK. 7. EXISTING CONDITIONS HAVE BEEN ASSUMED AND/OR OBTAINED FROM AS-BUILT DRAWINGS S1 TO S29 DATED DEC 1972, CREATED BY REID CROWTHER AND PARTNERS LIMITED. THESE MAY OR MAY NOT REPRESENT THE

ACTUAL SITE CONDITIONS. SITE VERIFY ALL CRITICAL DIMENSIONS PRIOR TO FABRICATING NEW CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE DEPARTMENTAL REPRESENTATIVE PRIOR TO PROCEEDING WITH THE WORK. 8. EXISTING BUILDING IS A CONCRETE FRAMED STRUCTURE. ROOF SLAB IS 115mm THICK CONCRETE SLAB SUPPORTED ON CONCRETE BEAMS. THE MAIN ROOF IS DESIGNED FOR A LIVE /SNOW LOAD AS SHOWN ON PLAN WITH ACCUMULATED SNOW PILING ADJACENT TO ROOF MECHANICAL PENTHOUSE. THE NEW RAISED PLATFORM AND CENTRAL EXHAUST FAN UNIT (28,450 lbs) DOES NOT IMPOSE A LOAD GREATER THAN WHAT THE EXISTING MAIN

9. CONTRACTOR SHALL VISIT THE SITE TO BECOME FAMILIAR WITH THE FULL SCOPE OF WORK PRIOR TO SUBMITTING 10. CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY BRACING AND SHORING DURING CONSTRUCTION. 11. CONTRACTOR TO NOTIFY DEPARTMENTAL REPRESENTATIVE FOR SITE REVIEW(S) 48 HOURS BEFORE COVERING UP

STRUCTURAL STEEL (REFER TO SPECIFICATIONS):

1. STRUCTURAL STEEL SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH CAN/CSA S16-14 AND THE CISC CODE OF STANDARD PRACTICE FOR STRUCTURAL STEEL. MATERIAL REQUIREMENTS W SHAPES: CAN/CSA G40.20-13/G40.21-13 GRADE 350W

HSS SECTIONS: CAN/CSA G40.20-13/G40.21-13 GRADE 350W (CLASS C) CHANNEL, ANGLES AND PLATES: CAN/CSA G40.20-13/G40.21-13 GRADE 300W BOLTS ASSEMBLY: REFER TO NOTE 3

3. BOLTS, NUTS, AND WASHERS AS FOLLOWS: BOLTS: ASTM A325-10E1 NUTS: ASTM A563-07a(2014)

WASHERS: ASTM F436M-11. GALVANIZED. 4. ALL STEEL SHALL BE HOT DIP GALVANIZED. REFER TO SPECIFICATIONS.

5. WELDING SHALL CONFORM TO CURRENT CSA W59-13. WELD SIZES INDICATED ON DRAWINGS AND BASED ON E49XX ELECTRODES. FABRICATOR MUST BE CERTIFIED TO CSA W47.1-09. 6. MAKE ADEQUATE PROVISION FOR ERECTION LOADS AND PROVIDE SUFFICIENT TEMPORARY BRACING. 7. NO SPLICING WILL BE PERMITTED UNLESS OTHERWISE NOTED ON STRUCTURAL DRAWINGS. 8. CONNECTIONS NOT DETAILED ON THE DRAWINGS SHALL BE DESIGNED AND DETAILED BY FABRICATOR'S ENGINEER FOR THE LOADS INDICATED ON THE DRAWING. DESIGN CONNECTIONS IN ACCORDANCE WITH CAN/CSA-S16. UNLESS NOTED OTHERWISE, SELECT FRAMED BEAM SHEAR CONNECTIONS FROM THE CISC HANDBOOK OF STEEL

CONSTRUCTION FOR NON-COMPOSITE BEAMS. IF SHEAR VALUES ARE NOT INDICATED, DESIGN CONNECTIONS TO SUPPORT REACTION FROM 67% OF MAXIMUM UNIFORMLY DISTRIBUTED LOAD THAT CAN BE SAFELY SUPPORTED BY BEAM BENDING. USE MINIMUM OF 2 BOLTS IN EACH BOLTED CONNECTION. 9. SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW BEFORE PROCEEDING WITH FABRICATION. SHOP DRAWINGS SHOWING CONNECTIONS DETAILS DESIGNED BE THE FABRICATOR ARE TO BE STAMPED BY A PROFESSIONAL ENGINEER.

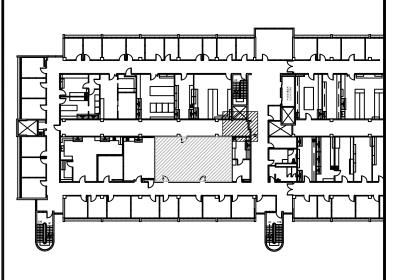
10. THE QUALITY ASSURANCE INSPECTOR WILL REVIEW 100% VISUAL OF FIELD WELDS AND WORKMANSHIP. QUALITY ASSURANCE TESTING SHALL BE PERFORMED BY A TECHNICIAN CERTIFIED BY CSA AND PAID FOR BY THE CLIENT.

11. SITE TOUCH-UP AND REPAIR OF GALVANIZED FINISHES AT BOLTS, WELDS AND BURNED OR SCRATCHED SURFACES USING ZINC RICH PAINT IN ACCORDANCE WITH ASTM A123M.

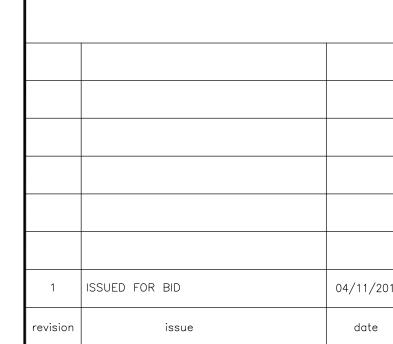
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**KEY PLAN** 



Verify all dimensions and conditions on site and immediately notify the Departmental Representative of all discrepancies.

A Detail No. No. du détail 🔾 drawing no. — where detail required dessin no. — où détail exig**é** C drawing no. — where detailed dessin no. — où détaillé

titre du projet

CANADA CENTRE FOR INLAND WATERS 867 LAKESHORE ROAD BURLINGTON,

ONTARIO, L7R 4A6 LABS, AHUs, AND HEATING UPGRADE

A&L BUILDING 5TH TO 8TH (ROOF) FLOOR FRAMING PLANS & SECTIONS

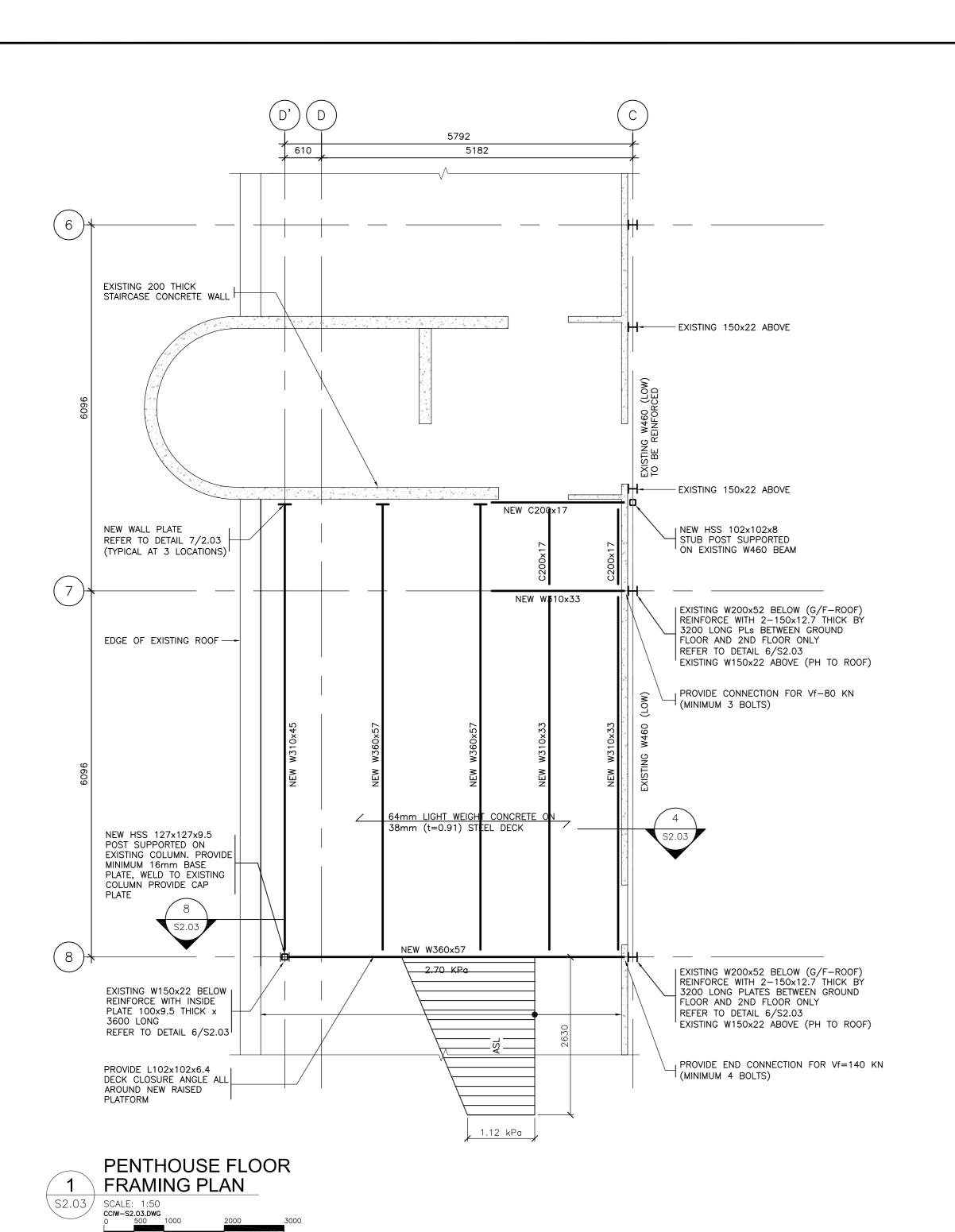
dessine par DT

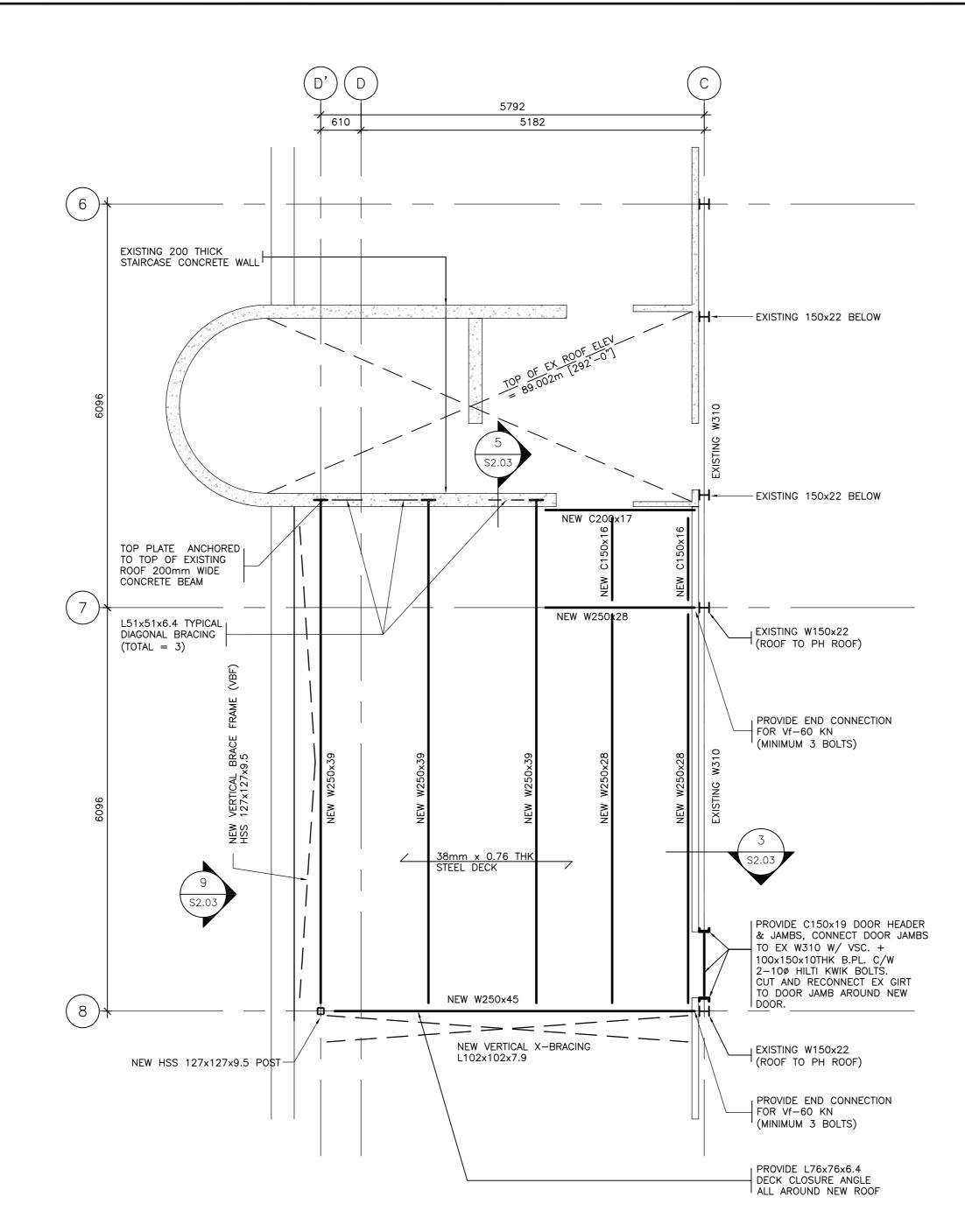
approved by approuve par NM

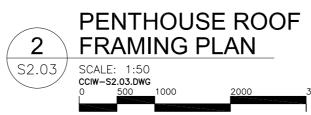
project date date du projet 2015-11-04

project no. no. du projet R.073578.001DIALOG NO. 09946T0200

drawing no. dessine no. S2.02







# (1/S2.01) PENTHOUSE EXTENSION FLOOR FRAMING NOTES:

- 1. TOP OF STEEL ELEVATION IS  $\pm$  28.0m ABOVE FINISHED GROUND FLOOR, AT DATUM ELEVATION +86.868m [285'0"]. THE U/S OF METAL DECK IS -100mm BELOW TOP OF
- 2. PENTHOUSE EXTENSION FLOOR IS DESIGNED FOR: 62mm CONCRETE + 38mm STEEL DECK = 1.90 kPa DEAD LOAD = 0.30 kPaSTEEL FRAMING LIVE LOAD = 4.80 kPa
- 3. PENTHOUSE EXTENSION FLOOR IS 62mm LOW DENSITY CONCRETE ON 38mm STEEL DECK (t=0.91mm), REINFORCED WITH ONE LAYER OF 102x102-MW19Xmw19 WWF PLACED IN FLAT SHEETS AND CHAIRED 25mm FROM TOP OF SLAB. PROVIDE L102x102x6.4 DECK ANGLE ALL AROUND FLOOR PLATE AND AROUND FLOOR OPENINGS.
- 4. STEEL DECK TO BE INSTALLED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE CANADIAN SHEET STEEL BUILDING INSTITUTE. PROVIDE STEEL DECK CONTINUOUS OVER MINIMUM 3 SPANS. PROVIDE TRANSVERSE WELDS EVERY OTHER FLUTE @300mm O/C AND BUTTON PUNCH SIDE LAPS @300mm O/C. REFER TO TYPICAL DETAIL S19 FOR CONNECTION DETAILS.
- 5. READ THESE DRAWINGS IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS. REPORT ANY DISCREPANCIES TO THE DEPARTMENTAL REPRESENTATIVE PRIOR TO COMMENCING WITH THE AFFECTED WORK. COORDINATE THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR THE SIZES AND LOCATIONS OF ALL OPENINGS.
- 6. DESIGN AND CONSTRUCTION OF THIS PROJECT SHALL COMPLY WITH THE NATIONAL BUILDING CODE NBCC 2010 AND ONTARIO BUILDING CODE 2012, MOST STRINGENT APPLY.
- 7. CONSTRUCTION METHODS, EQUIPMENT AND ALL OPERATIONS SHALL CONFORM TO ALL APPLICABLE REGULATION, ACTS AND BY-LAWS IN FORCE TO ENSURE THE SAFETY OF THE WORK AND CONTRACTOR'S PERSONAL AND OTHERS AT ALL TIMES.
- 8. CONTRACTOR SHALL BE RESPONSIBLE FOR LAYOUT, ELEVATIONS, AND ALIGNMENT OF THE WORK AND SHALL VERIFY ALL DIMENSIONS AND DETAILS OF ANY EXISTING STRUCTURES NECESSARY FOR THE PROPER FITTING AND CONNECTING OF THE NEW WORK TO IT. REPORT TO DEPARTMENTAL REPRESENTATIVE ANY DISCREPANCIES AND ALL DOUBTFUL CONDITIONS BEFORE PROCEEDING WITH THE WORK.
- 9. EXISTING CONDITIONS HAVE BEEN ASSUMED AND/OR OBTAINED FROM AS-BUILT DRAWINGS S1 TO S6, DATED FEB 1970, CREATED BY REID CROWTHER AND PARTNERS LIMITED. THESE MAY OR MAY NOT REPRESENT THE ACTUAL SITE CONDITIONS. SITE VERIFY ALL CRITICAL DIMENSIONS PRIOR TO FABRICATING NEW CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE DEPARTMENTAL REPRESENTATIVE PRIOR TO PROCEEDING WITH THE
- 10. EXISTING MAIN ROOF IS A 38mm STEEL DECK, DESIGNED FOR DEAD LOAD = 1.20 kPa [25 psf] AND AVERAGE SNOW LOAD (INCLUDING ASL) = 3.82 kPa [80 psf]. THE ASL PRODUCED BY SNOW DRIFTING FROM THE NEW PENTHOUSE EXTENSION DOES NOT IMPOSE A LOAD GREATER THAN WHAT THE EXISTING ROOF HAS BEEN DESIGNED FOR.
- 11. CONTRACTOR SHALL VISIT THE SITE TO BECOME FAMILIAR WITH THE FULL SCOPE OF WORK PRIOR TO SUBMITTING BID. 12. CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY BRACING AND SHORING DURING

CONSTRUCTION.

13. CONTRACTOR TO NOTIFY DEPARTMENTAL REPRESENTATIVE FOR SITE REVIEW(S) 48 HOURS BEFORE COVERING UP THE WORK.

# STRUCTURAL STEEL (REFER TO SPECIFICATIONS)

- 1. STRUCTURAL STEEL SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH 1. TOP OF STEEL ELEVATION IS ± 30.781m ABOVE FINISHED GROUND FLOOR, AT DATUM CAN/CSA S16-14 AND THE CISC CODE OF STANDARD PRACTICE FOR STRUCTURAL STEEL.
- 2. MATERIAL REQUIREMENTS W SHAPES:
- CAN/CSA G40.20-13/G40.21-13 GRADE 350W HSS SECTIONS: CAN/CSA G40.20-13/G40.21-13 GRADE 350W (CLASS C) CHANNEL, ANGLES AND PLATES: CAN/CSA G40.20-13/G40.21-13 GRADE 300W BOLTS ASSEMBLY: REFER TO NOTE {3}
- 3. BOLTS, NUTS, AND WASHERS AS FOLLOWS: BOLTS: ASTM A325-10E1 NUTS: ASTM A563-07a(2014) WASHERS: ASTM F436M-11. FINISH: PLAIN, UNCOATED.
- 4. PROVIDE SHOP-APPLIED PRIMER IN ACCORDANCE WITH ASTM A780/A780M-09 AND CAN/CGSB 1.40-97 AND TOUCH UP AFTER ERECTION.
- 5. WELDING SHALL CONFORM TO CURRENT CSA W59-13. WELD SIZES INDICATED ON DRAWINGS AND BASED ON E49XX ELECTRODES. FABRICATOR MUST BE CERTIFIED TO CSA
- 6. MAKE ADEQUATE PROVISION FOR ERECTION LOADS AND PROVIDE SUFFICIENT TEMPORARY BRACING.
- 7. NO SPLICING WILL BE PERMITTED UNLESS OTHERWISE NOTED ON STRUCTURAL DRAWINGS.
- 8. CONNECTIONS NOT DETAILED ON THE DRAWINGS SHALL BE DESIGNED AND DETAILED BY FABRICATOR'S ENGINEER FOR THE LOADS INDICATED ON THE DRAWING. DESIGN CONNECTIONS IN ACCORDANCE WITH CAN/CSA-S16. UNLESS NOTED OTHERWISE, SELECT FRAMED BEAM SHEAR CONNECTIONS FROM THE CISC HANDBOOK OF STEEL CONSTRUCTION FOR NON-COMPOSITE BEAMS. IF SHEAR VALUES ARE NOT INDICATED, DESIGN CONNECTIONS TO SUPPORT REACTION FROM 67% OF MAXIMUM UNIFORMLY DISTRIBUTED LOAD THAT CAN BE SAFELY SUPPORTED BY BEAM BENDING. USE MINIMUM OF 2 BOLTS IN EACH BOLTED CONNECTION.
- 9. SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW BEFORE PROCEEDING WITH FABRICATION. SHOP DRAWINGS SHOWING CONNECTIONS DETAILS DESIGNED BE THE FABRICATOR ARE TO BE STAMPED BY A PROFESSIONAL ENGINEER.
- 10. THE QUALITY ASSURANCE INSPECTOR WILL REVIEW 100% VISUAL OF FIELD WELDS AND WORKMANSHIP. QUALITY ASSURANCE TESTING SHALL BE PERFORMED BY A TECHNICIAN CERTIFIED BY CSA AND PAID FOR BY THE CLIENT.

# CONCRETE: (REFER TO SPECIFICATIONS)

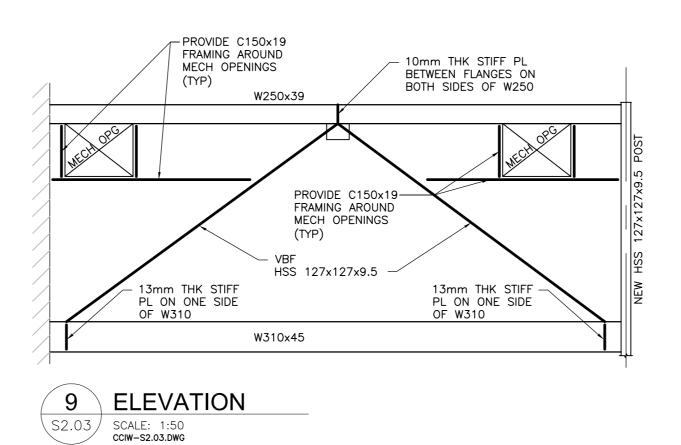
- 1. DESIGN OF CONCRETE ELEMENTS CONFORMS TO CSA-A23.3-14 ALL CONCRETE WORK, MATERIALS AND MATERIALS TESTING TO CONFORM TO CSA-A23.1-14/CSA-A23.2-14.
- 2. FRESHLY PLACED CONCRETE TO BE CURED AND PROTECTED TO CONFORM TO CAN/CSA-A23.1-14 AND SPECIFICATIONS.
- 3. CONCRETE SHALL HAVE MIN 25MPa 28 DAYS STRENGTH.

# (2/S2.01) PENTHOUSE EXTENSION ROOF FRAMING NOTES:

ELEVATION +89.649m TO MATCH EXISTING PENTHOUSE ROOF ELEVATION (SITE VERIFY). THE U/S OF METAL DECK IS TOP OF STEEL.

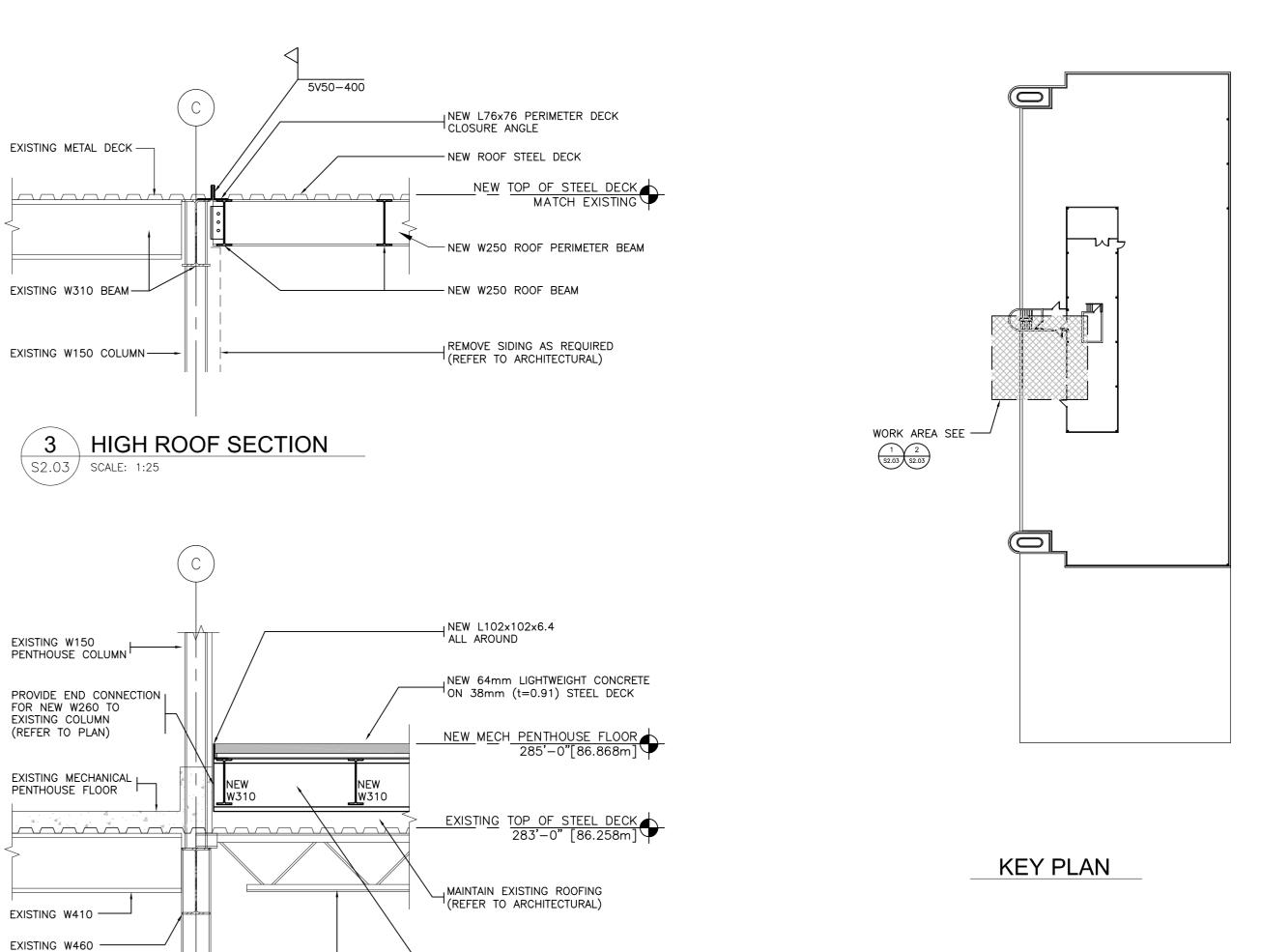
2. PENTHOUSE EXTENSION ROOF IS DESIGNED FOR:

- MECHANICAL = 0.35 kPa SNOW LOAD = 1.92 kPa
- INSTALLED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE CANADIAN SHEET STEEL TRANSVERSE WELDS AT EVERY OTHER FLUTE @300mm O/C AND BUTTON PUNCH SIDE LAPS @300mm O/C. REFER TO TYPICAL DETAIL S19 FOR CONNECTION DETAILS.



DEAD LOAD 38mm STEEL DECK = 0.10 kPa STEEL FRAMING = 0.25 kPaBUILT-UP ROOF = 0.32 kPa INSULATION = 0.10 kPa

- 3. PENTHOUSE EXTENSION ROOF IS 38mm STEEL DECK (t=0.76mm). STEEL DECK TO BE BUILDING INSTITUTE. PROVIDE STEEL DECK CONTINUOUS OVER MINIMUM 3 SPANS. PROVIDE
- 4. READ THESE DRAWINGS IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS. REPORT ANY DISCREPANCIES TO THE DEPARTMENTAL REPRESENTATIVE PRIOR TO COMMENCING WITH THE AFFECTED WORK. COORDINATE THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR THE SIZES AND LOCATIONS OF ALL OPENINGS.

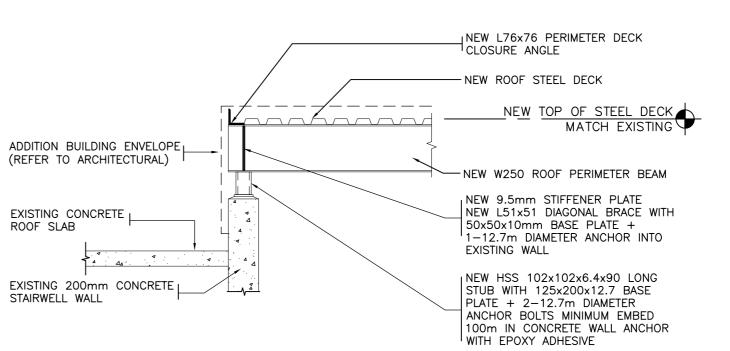


MAIN ROOF / NEW PENTHOUSE FLOOR SECTION

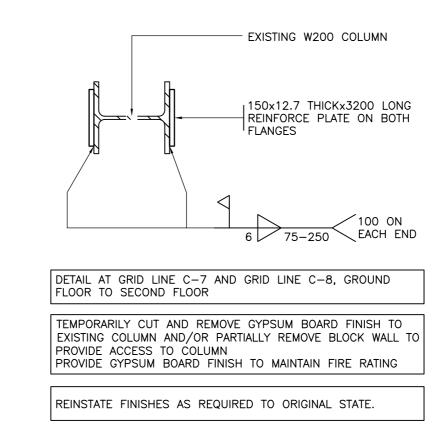
EXISTING W200 COLUMN —

--- NEW W360

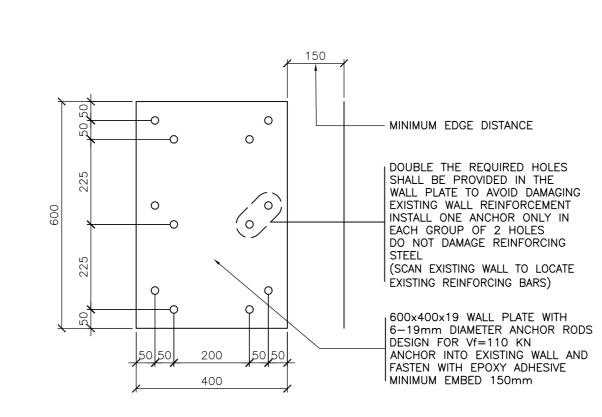
- EXISTING OWSJ



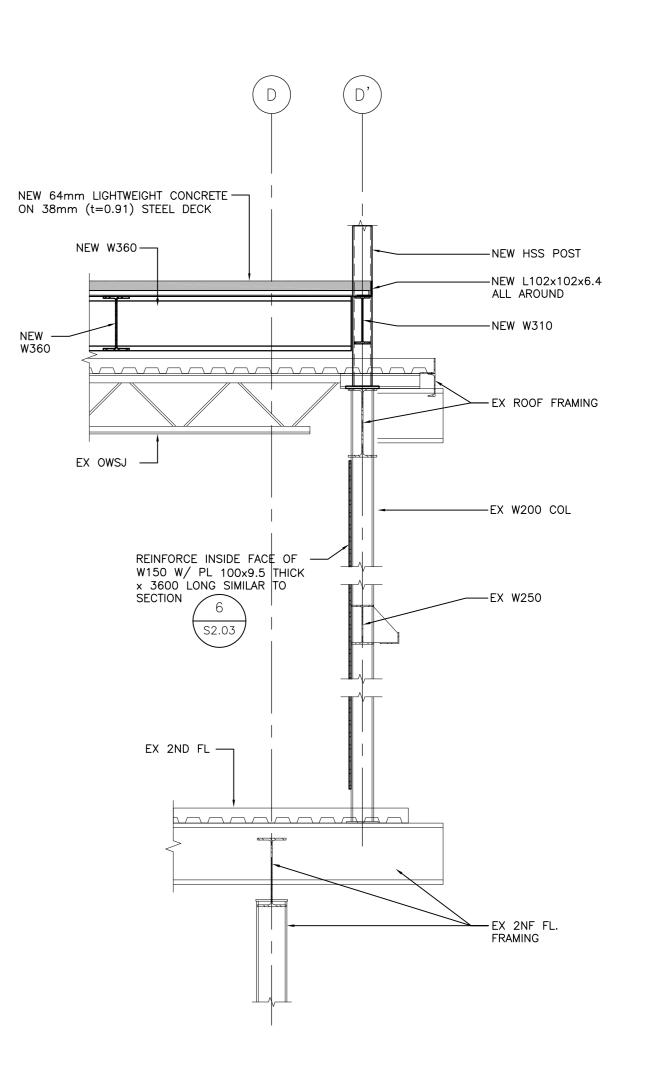
HIGH ROOF SECTION AT STAIRWELL \S2.03 / SCALE: 1:25



COLUMN REINFORCING DETAIL



WALL PLATE DETAIL \S2.03 / SCALE: 1:10

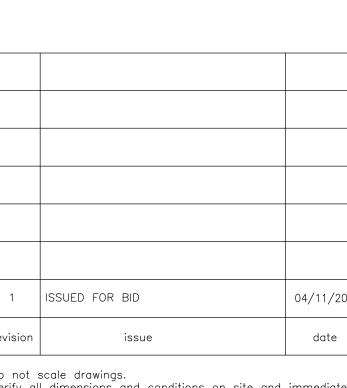


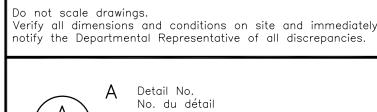
8 MAIN ROOF / NEW PENTHOUSE FLOOR SECTION \S2.03 / SCALE: 1:10

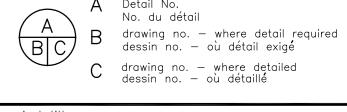
Public Works and Government Services Canada Travaux publics et Services gouvernementaux Canada

DIALOG









titre du projet CANADA CENTRE FOR INLAND WATERS

867 LAKESHORE ROAD BURLINGTON, ONTARIO, L7R 4A6 LABS, AHUs, AND HEATING UPGRADE

drawing title titre du dessin WTC BUILDING PENTHOUSE EXTENSION FLOOR AND

ROOF FRAMING PLANS dessine par DT

designed by conc par NM

approved by approuve par NM

project date date du projet 2015-11-04

project no. no. du projet R.073578.001DIALOG NO. 09946T0200

drawing no. \$2.03