



SUPPLEMENTAL INSTRUCTION

CONTRACTOR:
Tal-co Building Innovations
Address:
Suite 2, 1341 Coker Street
Greely, Ontario, K4P 1A1

PROJ.: **Boys and Girls Club Prince of Wales**
PROJ. No.: **1716**
DATE: **Jan 26, 2018**
S.I. No. **S.I. - 008**

Supplemental Instructions are issued to the Construction Manager to record a clarification or revision to the previously issued Contract Documentation as reflected by the attached Information Bulletin prepared by the identified Consultant.

The Construction Manager shall review the Supplemental Instruction and the attached Information Bulletin and issue to the effected Trade Contractors identifying the following course of action by the trade contractor:

- Proceed with Instruction. Issued for general information, no change to Contract price or schedule. (Site Instruction)
- Proceed with Instruction and provide a quotation within 10 days, identifying change to Contract price and schedule (Change Directive)
- Do not proceed. Provide quotation identifying change to Contract price and schedule within 10 days. (CCO)

Partners

Barry J. Hobin
OAA, FRAIC, Hon. Fellow AIA

William A. Davis
OAA, MRAIC, Associate AIA

Gordon Lorimer
OAA, FRAIC, Associate AIA

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William Ritcey
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Reinhard Vogel
Senior Arch. Tech.

1.1 TITLE

Update to Structural Drawings – Phase 1

1.2 DESCRIPTION OF THE WORK

.1 Provision of additional information and updated drawings related to structural changes on Phase 1.

1.3 ATTACHMENTS

BGCO-PW-IB-S03 (Phase 1)

1.4 REASON

To provide additional information related to structural changes related to coordination with cost savings and updates to the architectural drawings related to those cost savings.

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Distribution:

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Information Bulletin S03

Issued to: Hobin Architecture
Inc

JAN 25, 2018

Project: BOYS & GIRLS CLUB OF OTTAWA-1463 PRINCE OF WALES DR

Project No.: 17-007

Architect: Hobin Architecture Inc.

The following clarification and revision items are noted, as they relate to the specifications and drawings previously issued.

STRUCTURAL ITEMS

1. Title: STRUCTURAL REVISIONS

2. Attachments:

.1 SD2, SD3, SN2, SN3, S300 & S301

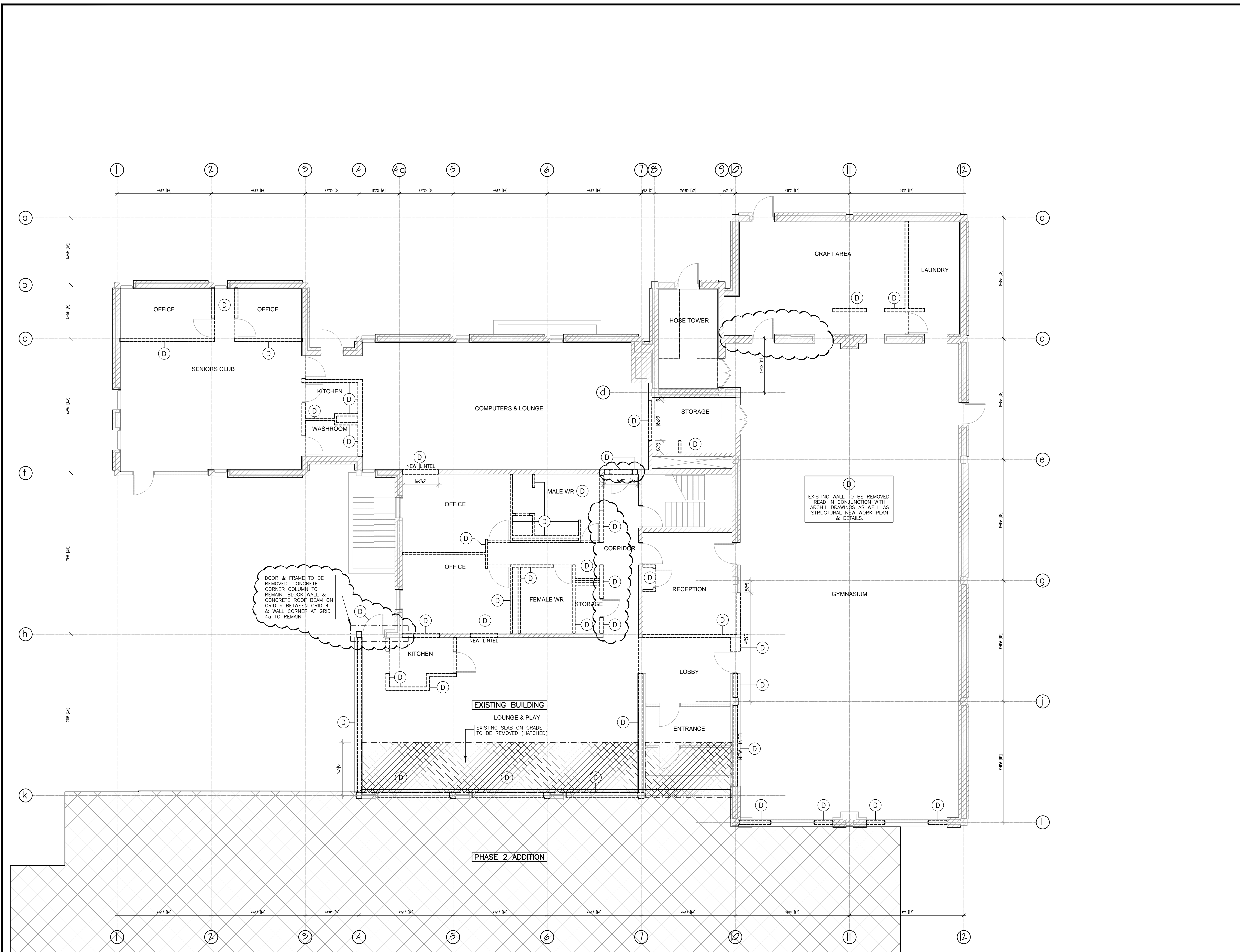
3. Description:

- .1 SD2 GROUND FLOOR DEMO PLAN – REVISIONS ARE CLOUDED
- .2 SD3 ROOF DEMO PLAN – REVISIONS ARE CLOUDED
- .3 SN2 GROUND FLOOR PLAN – NEW WORK – REVISIONS ARE CLOUDED
- .4 SN3 ROOF PLAN – NEW WORK – REVISIONS ARE CLOUDED
- .5 S300 SECTIONS & DETAILS – REVISIONS ARE CLOUDED
- .6 S301 SECTIONS & DETAILS – REVISIONS ARE CLOUDED

4. Comments:

The revisions in this Information Bulletin address a construction phasing issue that separates Phase 1 into two separate phases identified as Phase 1A & 1B. It also addresses coordination items with the Architect, as well as cost saving revisions. Please read in conjunction with the Architectural drawings.

END OF BULLETIN



3	ISSUED WITH IB-SO3	JAN 25/18
2	ISSUED FOR CONSTRUCTION	DEC 14/17
1	ISSUED FOR BUILDING PERMIT	OCT 6/17

- | No. | REVISION | DATE |
|-----|---|------|
| 1. | THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND VERIFYING ALL DIMENSIONS. ANY DISCREPANCY SHALL BE REPORTED TO THE ENGINEER. | |
| 2. | THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL MATERIAL RELEVANT TO THE PROJECT. | |
| 3. | ADDITIONAL DRAWINGS MAY BE ISSUED FOR CLARIFICATION TO ASSIST PROPER EXECUTION OF WORK. SUCH DRAWINGS WILL HAVE THE SAME MEANING AND INTENT AS IF THEY WERE INCLUDED WITH THE DRAWINGS IN THE CONTRACT DOCUMENTS. | |
| 4. | DO NOT SCALE DRAWINGS. | |

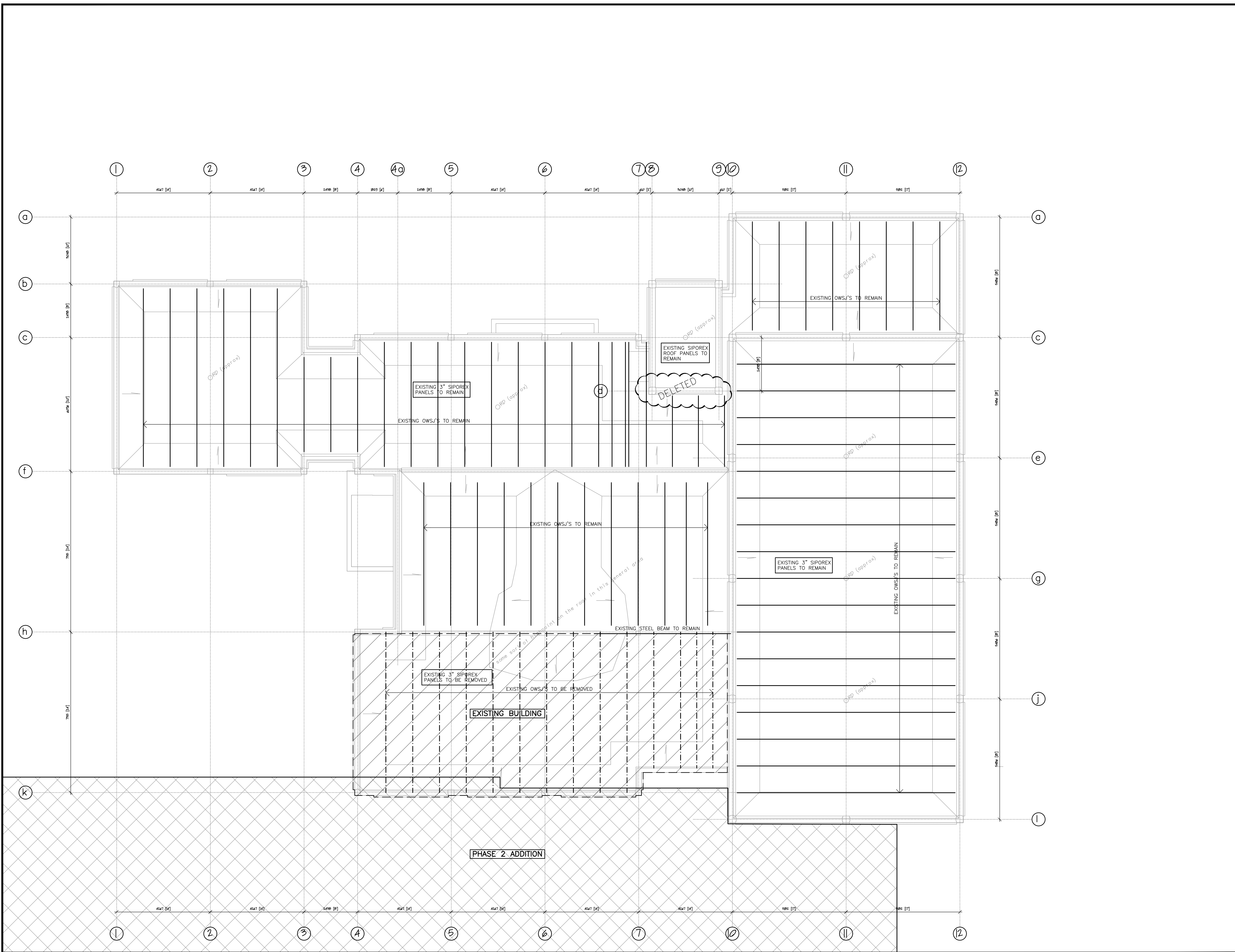
PROJECT
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 1463 PRINCE OF WALES DR

ARCHITECT
HOBIN ARCHITECTURE INC

DRAWING
GROUND FLOOR DEMO PLAN

CUNLIFFE
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ENGINEER'S SEAL	SCALE 1 : 75						
	<table border="1"> <tr> <td>DRAWN RW</td> <td>REVIEWED RIC</td> </tr> <tr> <td>PROJECT NO. 17-007</td> <td>SHEET NO. SD2</td> </tr> <tr> <td>REVISION NO.</td> <td></td> </tr> </table>	DRAWN RW	REVIEWED RIC	PROJECT NO. 17-007	SHEET NO. SD2	REVISION NO.	
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PROJECT NO. 17-007	SHEET NO. SD2						
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ENGINEER'S SEAL
 SCALE
1 : 75

PROFESSIONAL ENGINEER
 1/25/2018
 R. I. CUNLIFFE
 PRINCE OF WALES

DRAWN RW	REVIEWED RIC
PROJECT NO. 17-007	SHEET NO. SD3
REVISION NO.	

MAIN ROOF NOTES:
 1. SEE DRAWING S01 FOR GENERAL NOTES
 2. SEE DRAWING S02 FOR TYPICAL DETAILS

DESIGN LOADS:

TYPICAL STEEL ROOF AREAS	
ROOF'D & INSUL.	0.50 kPa
BOARD	0.10
STEEL DECK	0.15
STRUCTURE	0.25
CEILING	0.15
MECH. & MISC.	0.25
DEAD LOAD	1.50 kPa
SNOW LOAD	2.32 kPa (OR CONCENTRATION)
TOTAL LOAD	3.82 kPa (OR DL + CONCEN)

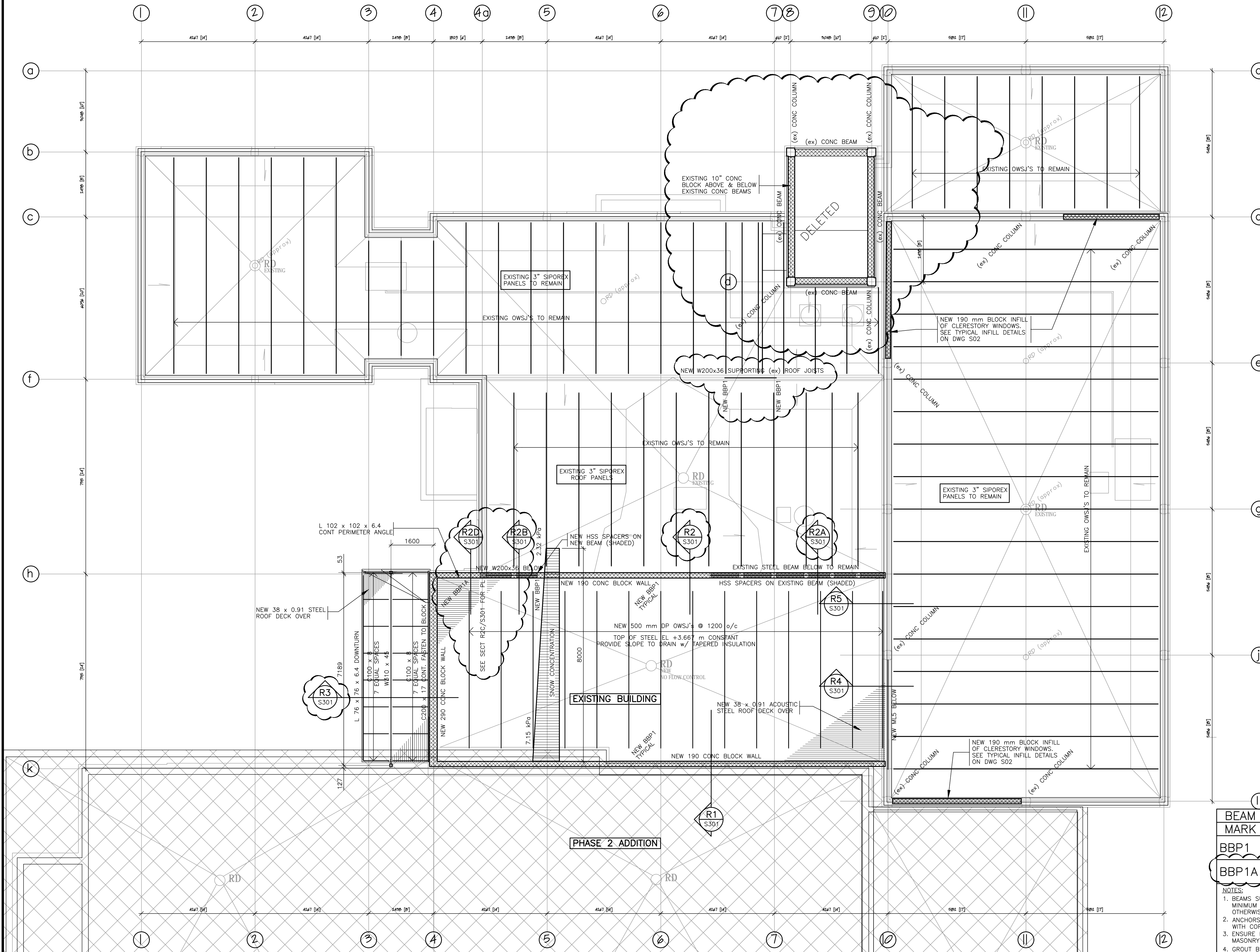
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4. T.O.S = TOP OF STEEL ELEV. = TOP OF OWSJ'S
SEE PLAN FOR ELEVATIONS.
5. REFER TO PLANS FOR ADDITIONAL DEFLECTION LIMITATIONS.
6. O.W.S.J.'S
7. U/N, THE ROOF OWSJ'S ARE TO BE DESIGNED SUCH THAT THE MAX DEFLECTION DUE TO SNOW LOADS DOES NOT EXCEED L/360 OR 25mm.
8. OWSJ SUPPLIER TO DESIGN OWSJ'S FOR DESIGN LOADS INDICATED AND ADDITIONAL EQUIPMENT LOADS & LOADS NOTED ON OTHER DWGS
9. NOTE THAT THE SNOW LOADS INDICATED MAY BE REDUCED BY THE RATIO 0.9/1.00 IN ACCORDANCE WITH OBC 4.1.6.2

10. OWSJ SHOE DEPTH 100 mm UNLESS NOTED
11. OWSJ DESIGNER TO ENSURE THE SHOE AND TOP CHORD ARE SUFFICIENT TO TRANSFER THE STEEL DECK IN-PLANE SHEAR CAPACITY (ROLL OVER RESISTANCE) TO THE BEARING BASE PLATE.
12. PROVIDE 2-12 mm THK STIFFENER PLATES EACH SIDE OF ALL BEAM WEBS WHICH ARE CONTINUOUS OVER SUPPORTS (i.e. COLUMNS) SEE TYPICAL DETAIL S02.
13. OWSJ TOP & BOTTOM CHORD BRIDGING
14. OWSJ MANUFACTURER IS RESPONSIBLE FOR BRIDGING DESIGN & DETAILING UNLESS NOTED OTHERWISE.
15. OWSJ MANUFACTURER TO REVIEW BRIDGING REQUIREMENTS WITH RESPECT TO ERECTION AND WIND SUCTION ON THE ROOF AND ADD BRIDGING AS REQUIRED.

16. BRIDGING IS TO BE NEATLY ERECTED IN ROOMS WITHOUT CEILINGS.
17. PROVIDE DIAGONAL BRIDGING AT BEAMS & AT END SPACES. CONNECT BRIDGING TO BLOCK WALLS AS INDICATED.
18. MINIMUM BRIDGING ANGLE SIZE TO BE L 35 x 35 x 3
19. SEE DRAWING S02 FOR TYPICAL DETAILS FOR MECH'L UNIT SUPPORT & MECH'L OPENING FRAMING UNLESS NOTED
20. ENSURE THAT WELDING PROCEDURES DO NOT DAMAGE OWSJ'S
21. REFER TO ARCHITECTURAL DRAWINGS FOR SUPPLEMENTARY INFORMATION AND ALLOW FOR ARCHITECTURAL REVIEW PRIOR TO FABRICATION.

22. MECHANICAL OPENINGS SHOWN ON THIS PLAN ARE 300 x 300 mm IN SIZE OR LARGER. SEE MECH'L, ELECT'L & ARCH'L DWGS FOR SMALLER OPENINGS. CONFIRM SIZE OF OPENINGS WITH MECH'L DWGS. SEE TYPICAL DETAIL ON DWG S02 FOR ADDITIONAL OPENING FRAMING UNLESS NOTED
23. MECHANICAL PIPING MUST BE SUPPORTED FROM OWSJ TOP CHORD ONLY. DO NOT SUPPORT FROM OWSJ BOTTOM CHORD OR WEB MEMBERS OR STEEL DECK. SUPPORT AT OR NEAR OWSJ TOP CHORD PANEL POINT IS PREFERRED. IF NECESSARY, OWSJ MANUFACTURER IS TO COMMENT ON PERMISSIBILITY OF LOCATING PIPING SUPPORTS BETWEEN TOP CHORD PANEL POINTS.



BEAM BEARING PLATE SCHEDULE		
MARK	SIZE	ANCHORS
BBP1	350 x 180 x 19 THK PLATE	2-15M WELDABLE REINFORCING BARS x 400 Lg
BBP1A	350 x 180 x 19 THK PLATE	3-13 ø x 125 Lg NELSON STUDS CAST INTO CONCRETE

NOTES:

1. BEAMS SUPPORTED ON BEAM BEARING BASE PLATES TO EXTEND ONTO PLATE A MINIMUM OF 80% OF LENGTH OF PLATE, IN DIRECTION OF BEAM UNLESS NOTED OTHERWISE ON PLAN.
2. ANCHORS ARE TO BE CENTERED ON PLATE & SPACED AT 200 o/c TO ALIGN WITH CORE VOIDS IN BLOCK UNLESS OTHERWISE NOTED
3. ENSURE BEAM AND JOIST POCKETS IN MASONRY WALLS ARE BUILT-IN WITH MASONRY OR GROUTED SOLID.
4. GROUT BLOCK CORES SOLID 600 mm MINIMUM BELOW BEAM BEARING PLATES

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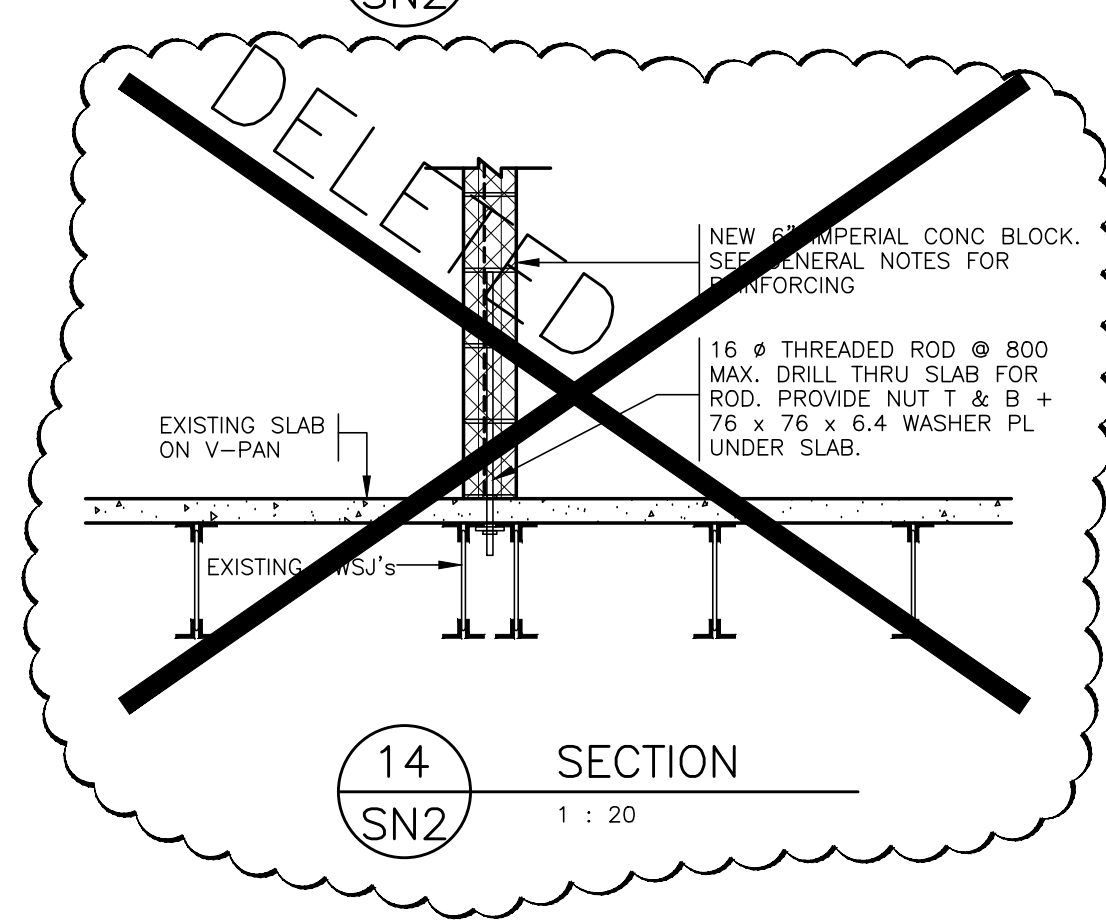
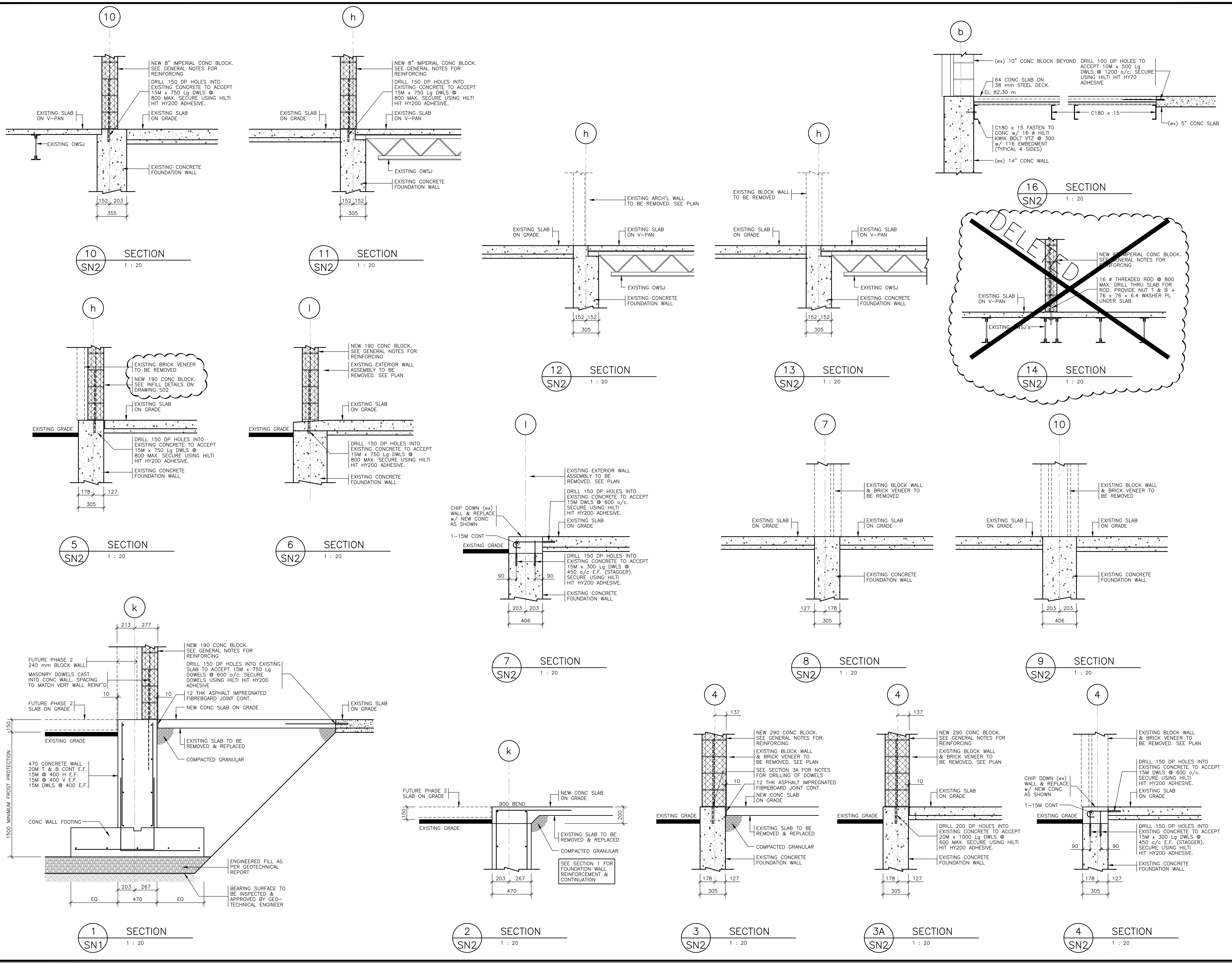
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ENGINEER'S SEAL: **R. I. CUNLIFFE**
 SCALE: **1 : 75**
 DRAWN: **RW** REVIEWED: **RIC**
 PROJECT NO: **17-007** SHEET NO: **SN3**
 REVISION NO: **3**



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ENGINEER'S SEAL

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1/25/2018
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 PROVINCE OF ONTARIO

DRAWN
RW

REVIEWED
RIC

PROJECT NO.
17-007

SHEET NO.
S300

REVISION NO.

