

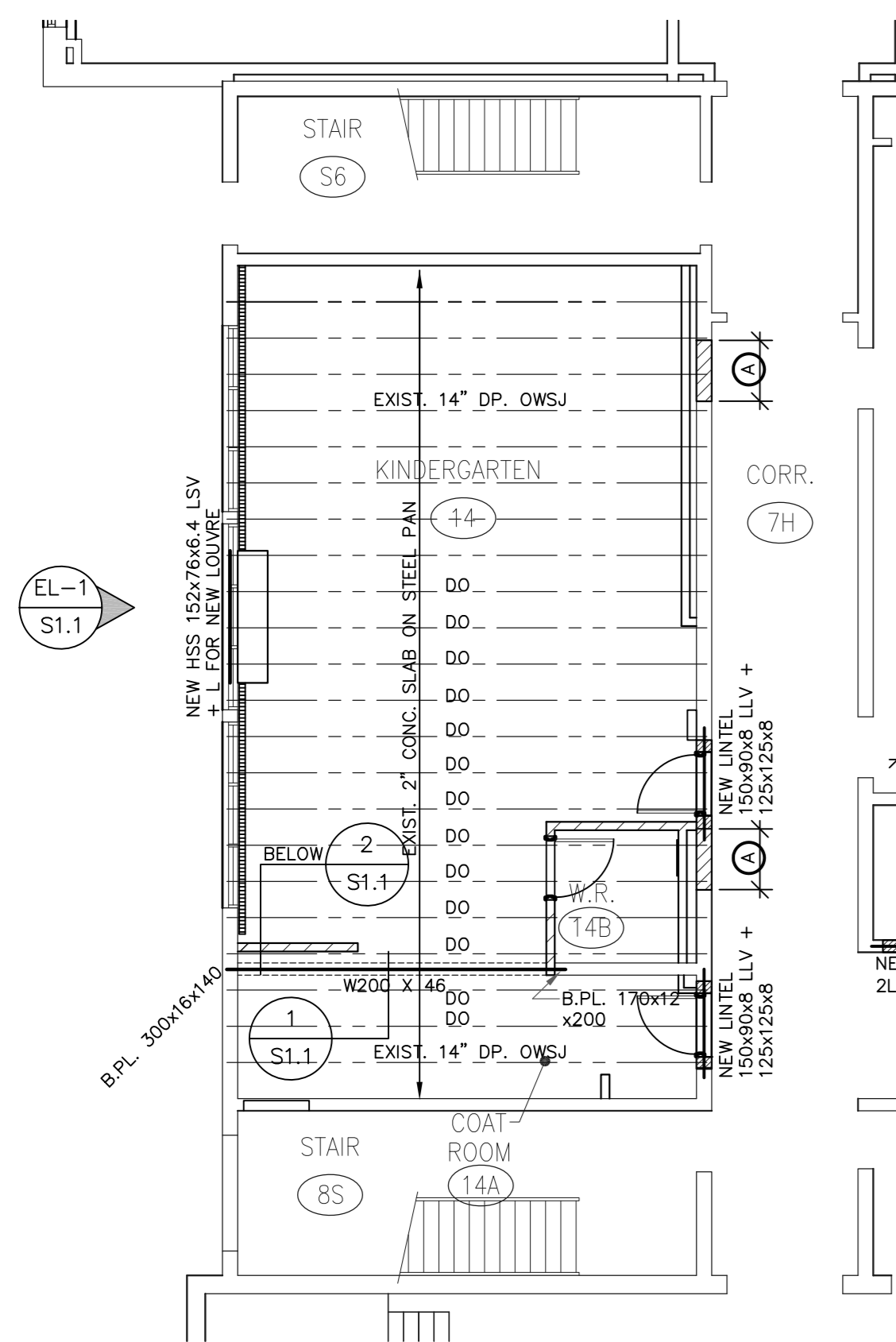
This Addendum forms part of the Tender Documents and amends the Tender Documents as described below.

1. STRUCTURAL DRAWING

1.1 DRAWING S1.1R

1.1.1 Please refer to structural drawing S1.1R for addendum.

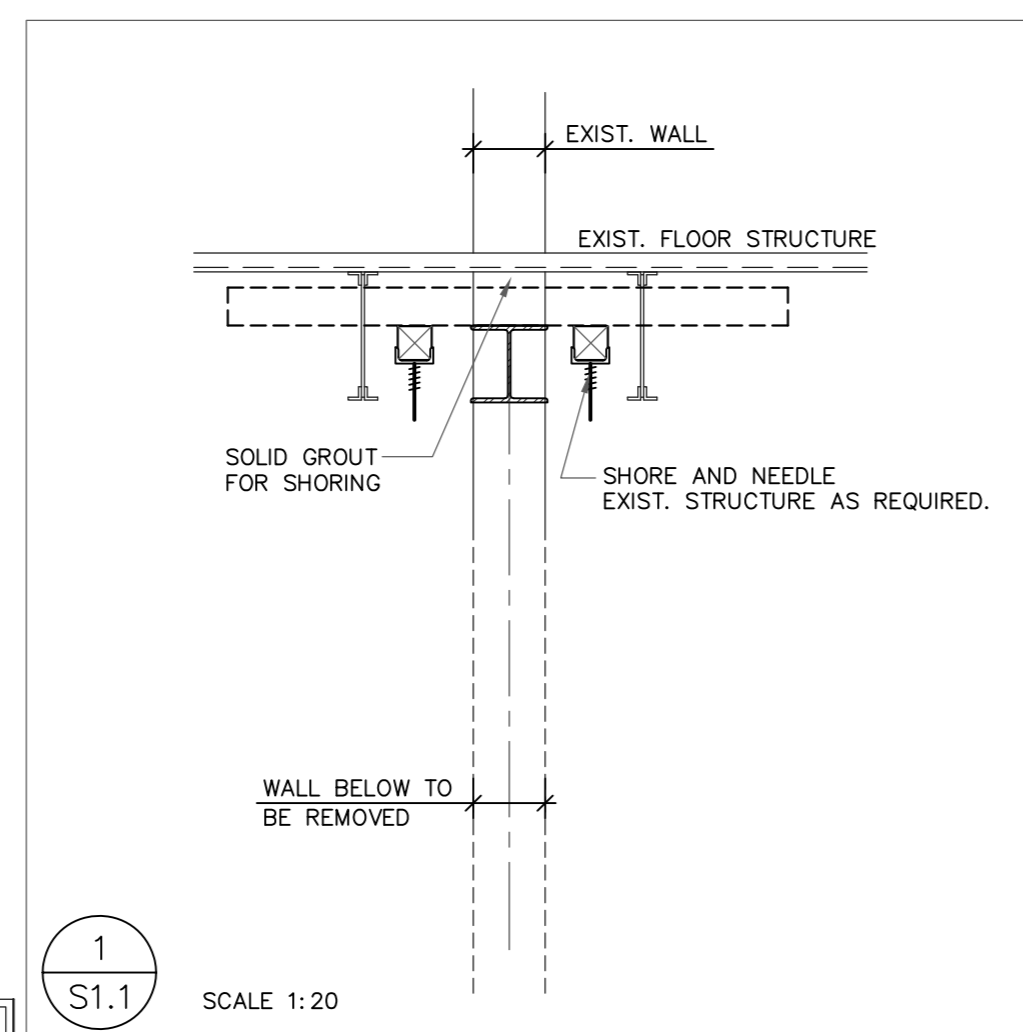
END OF STRUCTURAL ADDENDUM No.1



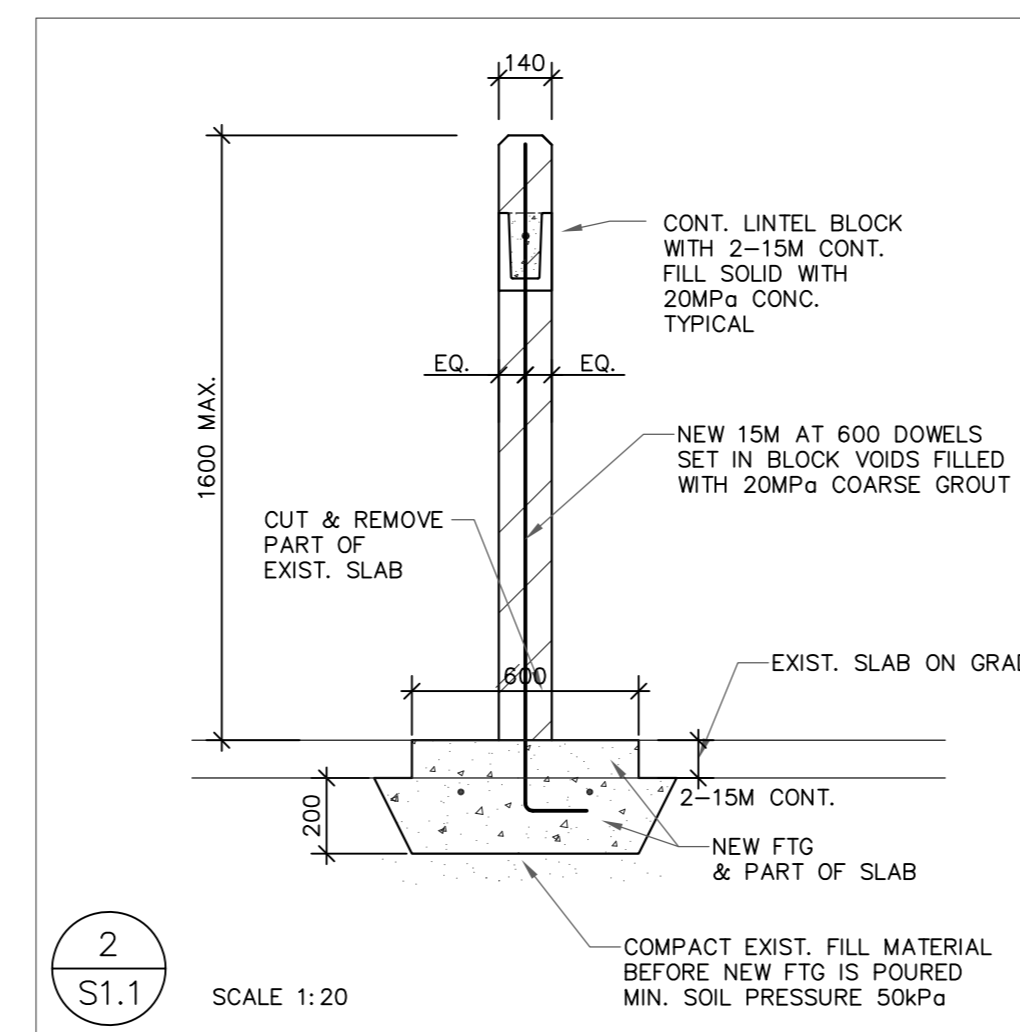
PART EXISTING 2nd FLOOR FRAMING PLAN SCALE 1:100

1. ALL STRUCTURE IS EXISTING UNLESS NOTED OTHERWISE ON PLAN, BASED ON EXISTING STRUCTURAL DRAWINGS FROM 1962. EXISTING 2nd FLOOR WAS DESIGNED FOR LIVE LOAD OF 90p.s.f. (ASSUMED D.L.=45p.s.f., L.L.=50p.s.f.)
2. ALL BEARING PLATES SHALL BE WITH 2-19# WELDED ANCHORS X 250mm LONG. WELD BEAM TO BEARING PLATES.
3. SEE ALSO TYPICAL DETAILS AND GENERAL NOTES.

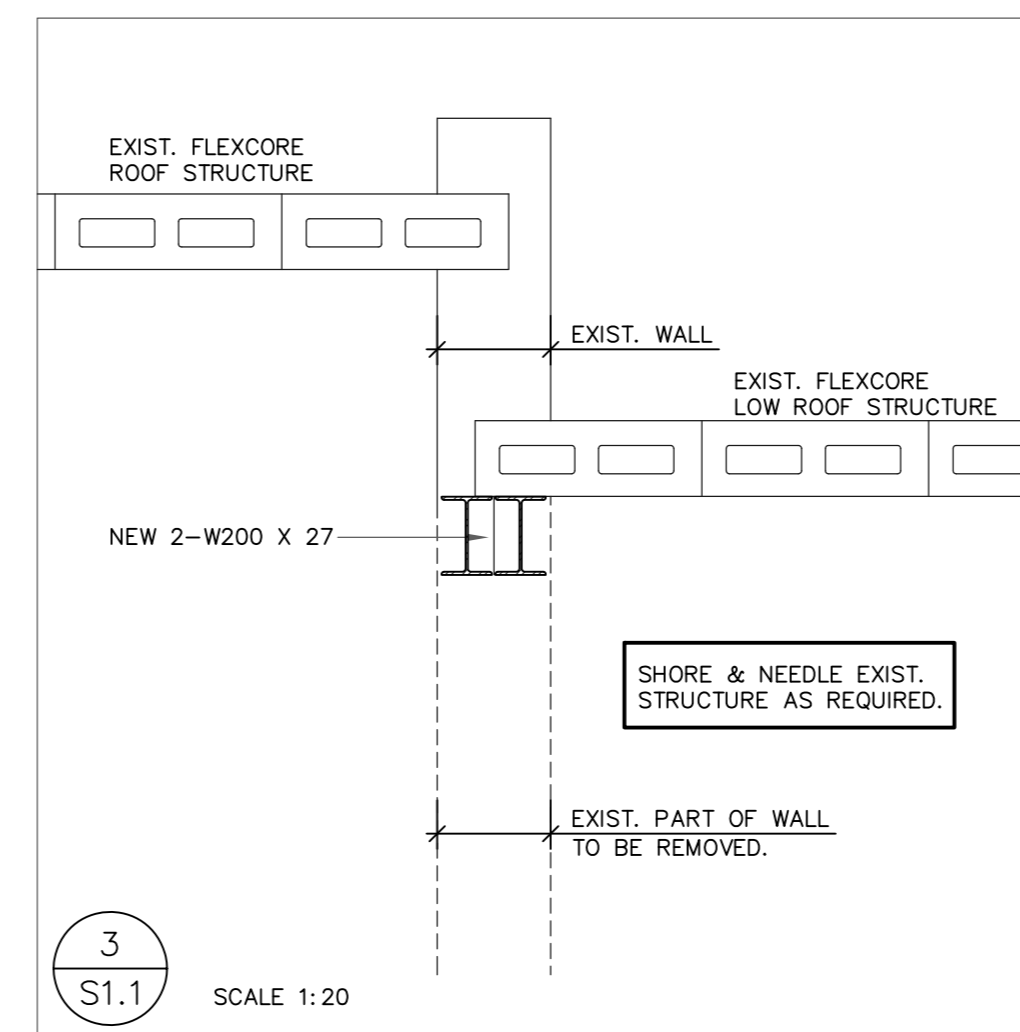
CONTRACTOR SHALL CHECK THE THICKNESS & COMPOSITION OF THE EXIST. WALL BEFORE LINTEL IS FABRICATED.



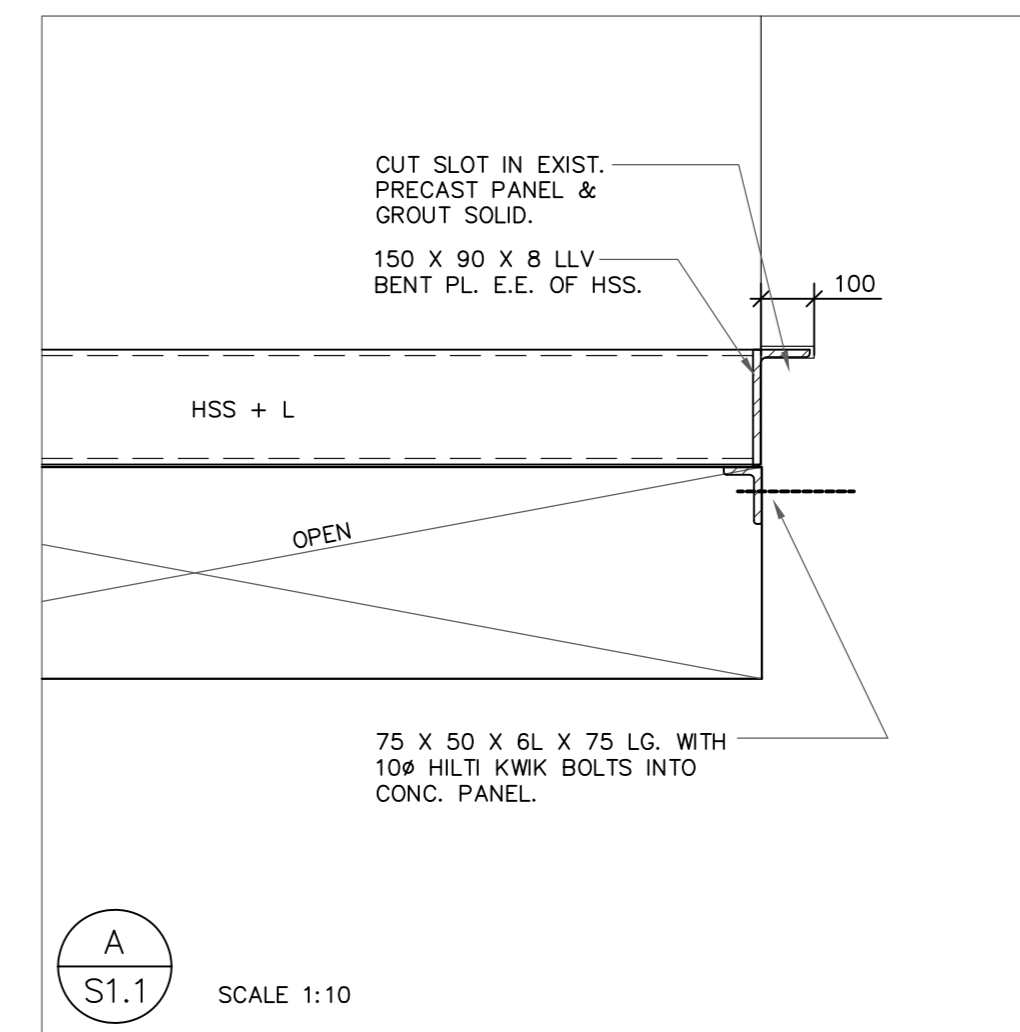
SCALE 1:20



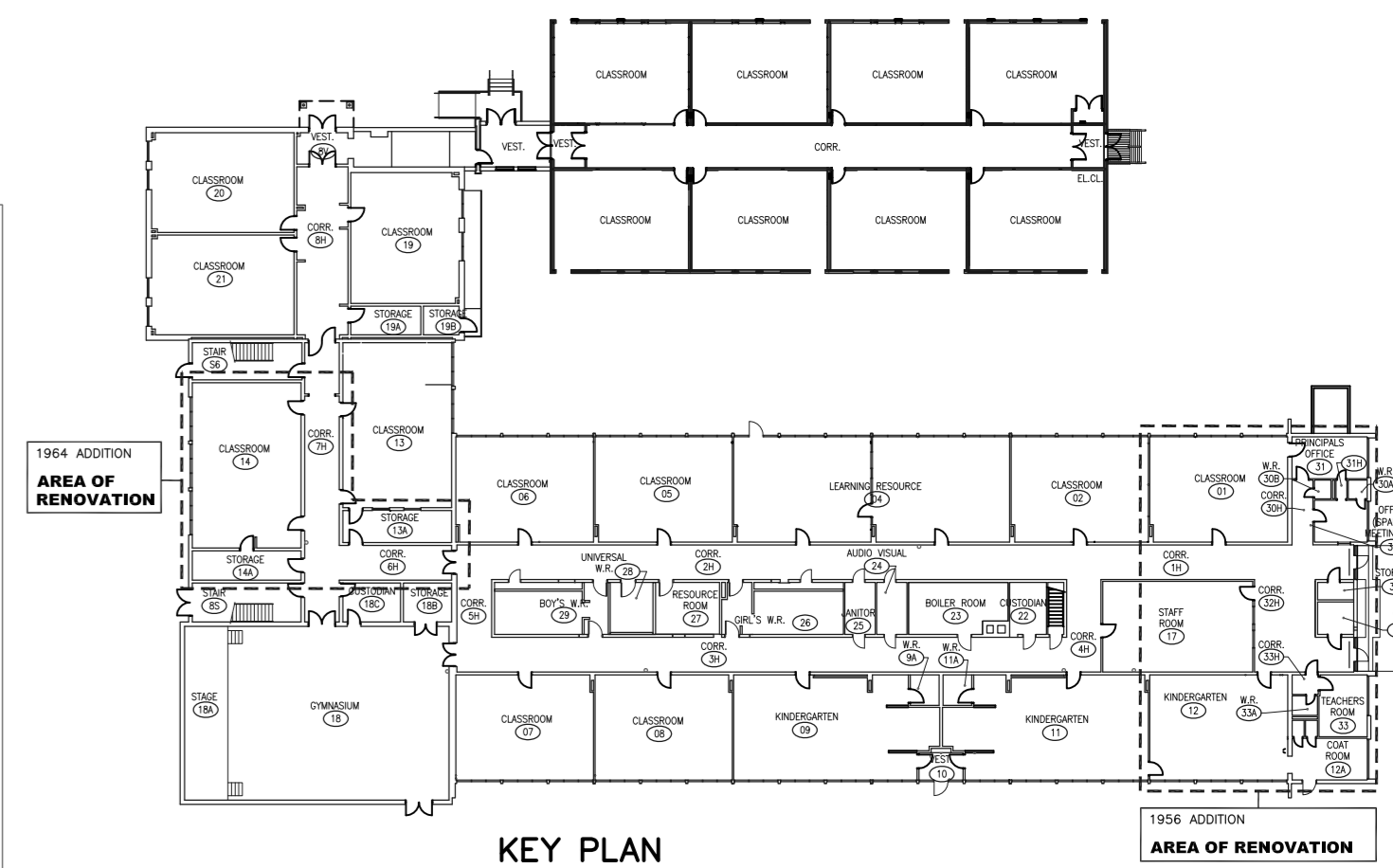
SCALE 1:20



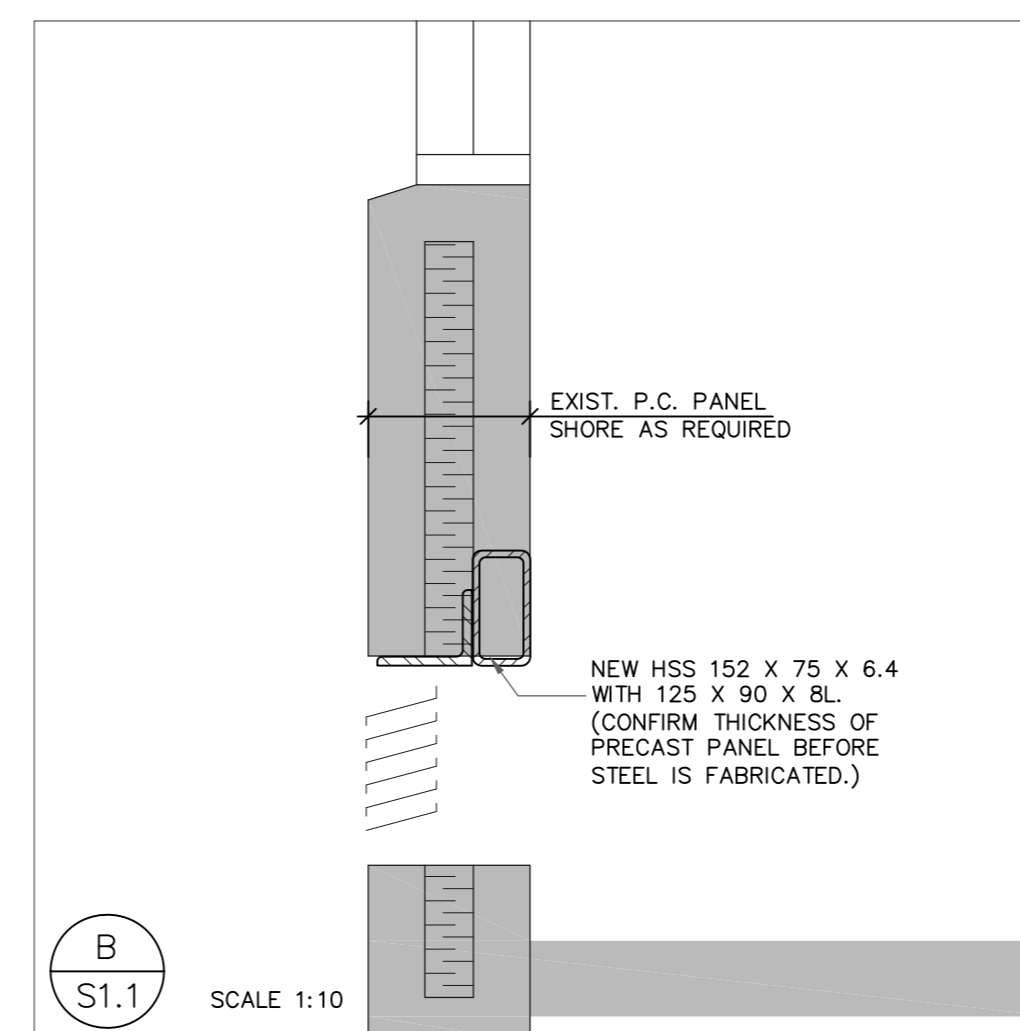
SCALE 1:20



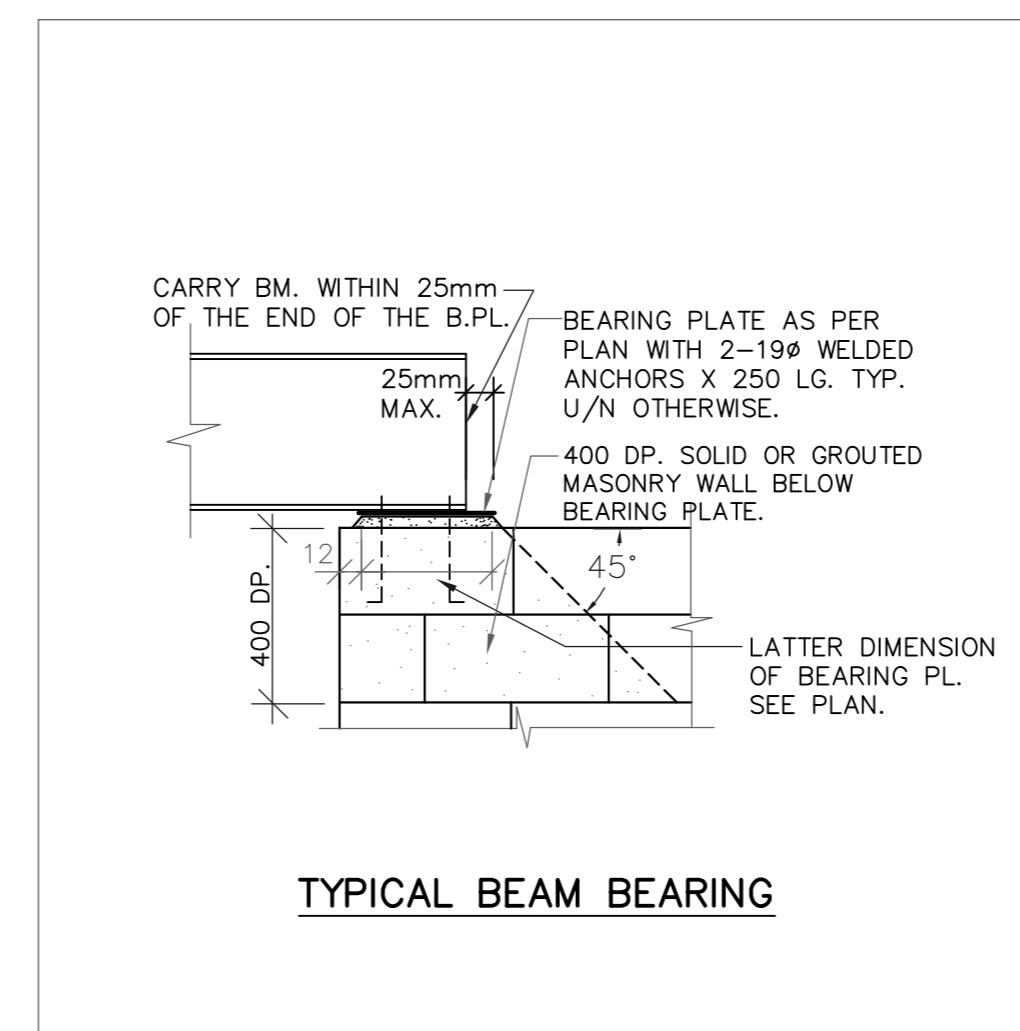
SCALE 1:10



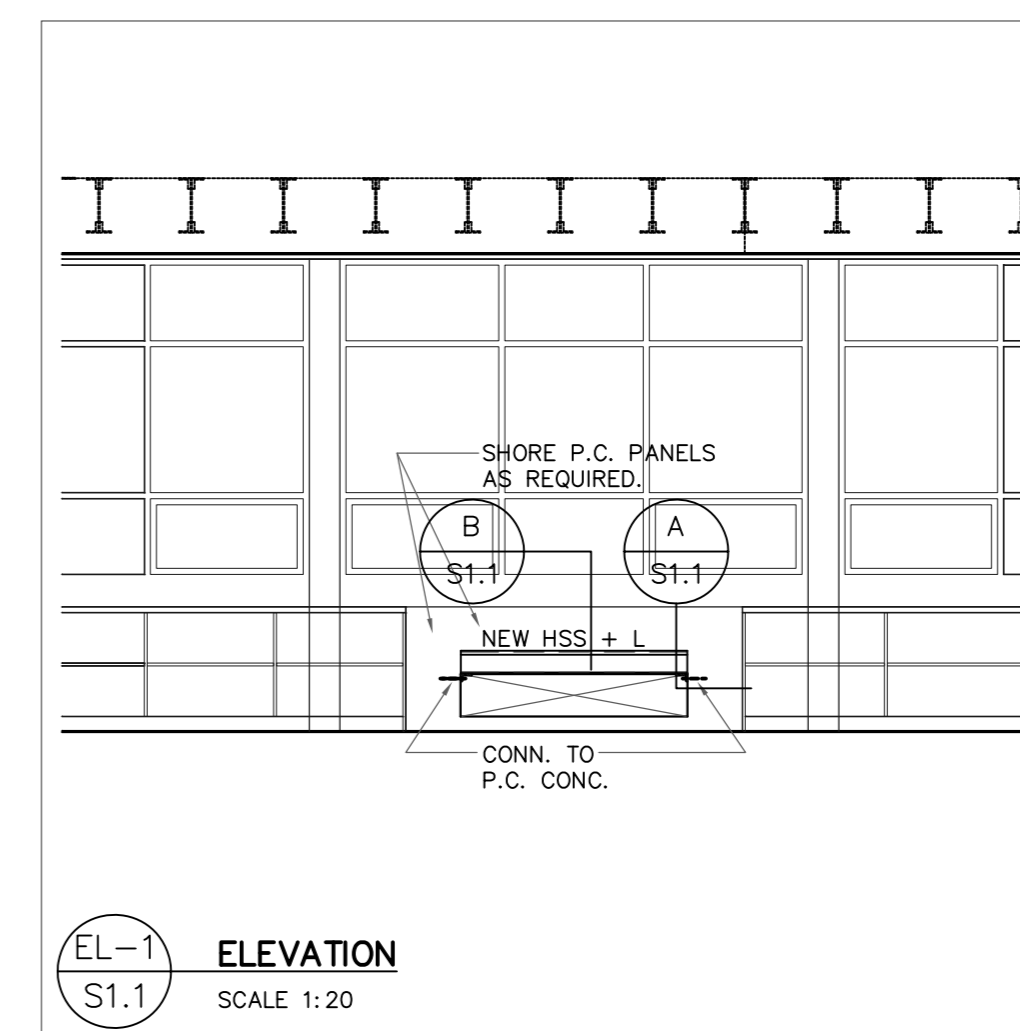
KEY PLAN



SCALE 1:10

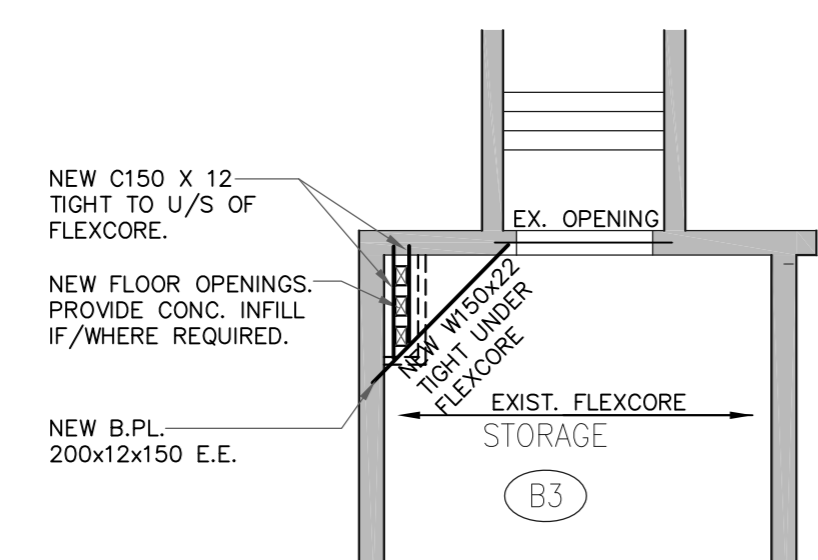


TYPICAL BEAM BEARING



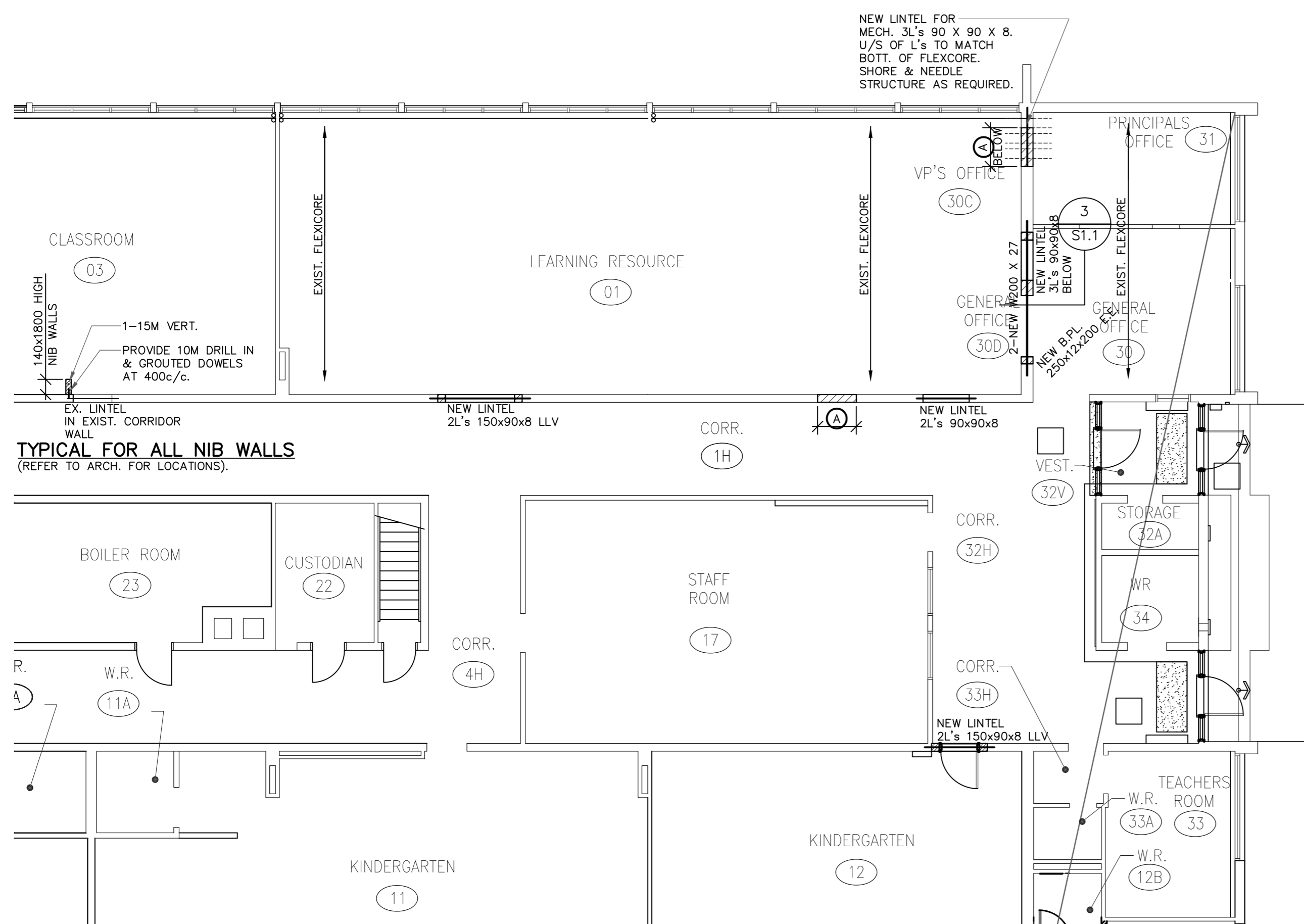
ELEVATION SCALE 1:20

Ⓐ DENOTES - NEW MASONRY WALL INFILL TO MATCH EXISTING INFILL SHALL BE BUILT TIGHT TO U/S OF EXIST. STRUCTURE PROVIDE 10M DOWELS INTO EXISTING AT 600c/c.



PART EXISTING GROUND FLOOR FRAMING PLAN SCALE 1:100

1. ALL STRUCTURE IS EXISTING UNLESS NOTED OTHERWISE ON PLAN.
2. DESIGN LIVE LOAD IS 4.8kN/m².
3. ALL BEARING PLATES SHALL BE WITH 2-19# WELDED ANCHORS X 250mm LONG. WELD BEAM TO BEARING PLATES.



PART EXISTING ROOF FRAMING PLAN SCALE 1:100

1. ALL STRUCTURE IS EXISTING UNLESS NOTED OTHERWISE ON PLAN, BASED ON EXISTING DRAWINGS FROM 1956.
2. NEW STRUCTURE HAS BEEN DESIGNED IN COMPLIANCE WITH OBC 2012.
3. ALL NEW BEARING PLATES SHALL BE WITH 2-19# WELDED ANCHORS X 250mm LONG. WELD BEAM TO BEARING PLATES.
4. SEE ALSO TYPICAL DETAILS AND GENERAL NOTES.

LINTELS FOR DUCT OPENINGS THRU WALLS SUPPORTING O.W.S.J.

600 TO JUST SPACING -300mm SEE LINTEL DETAILS BELOW

- PROVIDE MINIMUM 400mm SOLID MASONRY BETWEEN MECHANICAL OPENINGS. TYPICAL
- UNLESS NOTED OTHERWISE, FOR OPENINGS IN EXTERIOR WALLS PROVIDE LINTEL AS NOTED ABOVE FOR BACK UP WALL + STEEL ANGLE FOR VENEER. PROVIDE 90 X 90 X 8L FOR SPAN UP TO 1200mm OR 150 X 90 X 8L LVL FOR SPAN UP TO 2000mm.

LINTELS FOR DUCT OPENINGS

CLEAR SPAN	140mm WALL		190mm WALL		240mm WALL		290mm WALL	
	TYPE	MATERIAL	TYPE	MATERIAL	TYPE	MATERIAL	TYPE	MATERIAL
UP TO 1200mm	JL	2x 90 X 85 X 8 LVL	JL	2x 90 X 90 X 8 LVL	JL	2x 100 X 100 X 8 LVL	JL	2x 90 X 90 X 8 LVL
1200mm TO 2000mm	JL	2x 90 X 85 X 8 LVL	JL	2x 150 X 90 X 8 LVL	JL	2x 150 X 100 X 8 LVL	JL	2x 150 X 90 X 8 LVL

NOTES FOR STEEL LINTELS

1. DOUBLE ANGLES SHALL BE PLACED BACK TO BACK AND BOLTED TOGETHER WITH BOLTS AT 600c/c OR EQUIVALENT STITCHWELD TOP AND BOTTOM 16# MIN.
2. MINIMUM BEARING OF LINTELS SHALL BE 150mm SEE PLAN ABOVE
3. FOR LINTELS IN NON-LOAD BEARING 140 WALLS OVER 2000mm, PROVIDE W200 X 27 BEAM.
4. PROVIDE SINGLE 90 X 90 X 8L FOR OPENINGS IN 90mm BLOCK ENCLOSURES FOR SPAN UP TO 1200mm. FOR LOCATIONS SEE ARCHITECTURAL AND MECHANICAL DRAWINGS.

TYPICAL DETAILS FOR LINTELS

CHECK ALL DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS AND REPORT DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.

DO NOT EXCEED THE DESIGN LIVE LOADS SHOWN DURING CONSTRUCTION.

THIS STRUCTURE HAS BEEN DESIGNED TO COMPLY WITH O.B.C. 2012.

THE GENERAL CONTRACTOR SHALL EXAMINE EXISTING SITE CONDITIONS AND REPORT ANY INCONSISTENCIES TO THE ARCHITECT BEFORE STARTING ANY WORK.

STRUCTURAL STEEL NOTES:

STRUCTURAL STEEL SHALL BE GRADE 440.21M 350W. HOLLOW STRUCTURAL SECTIONS SHALL BE 440.21M 350W CLASS C.

CONCRETE NOTES:

UNLESS NOTED OTHERWISE ON DRAWINGS OR SPECIFICATIONS, THE ULTIMATE 28 DAY STRENGTH OF CONCRETE SHALL BE 25MPa. REINFORCING STEEL SHALL BE DEFORMED BARS OF 400MPa YIELD STRENGTH.

MASONRY NOTES:

PROVIDE MINIMUM 250mm OF BEARING FOR STEEL BEAMS SUPPORTED ON MASONRY. REFER TO DRAWINGS FOR SIZES OF BEARING PLATES. BEARING SHALL BE OF SOLID BLOCK OR BLOCK FILLED SOLID WITH 20MPa CONCRETE 400mm DEEP AND PROJECTING 200mm EACH SIDE OF BEAM BEARING PLATE. BASE PLATE BUILD MASONRY TIGHT INTO WEBS OF BEAMS AT THEIR BEARINGS.

ALL LOAD BEARING MASONRY WALLS SHALL BE "ENGINEERED MASONRY" IN COMPLIANCE WITH CAN/CSA S304.1.

ALL BLOCK WALLS SHALL BE CONSTRUCTED FROM CONCRETE BLOCK UNITS IN COMPLIANCE WITH CAN/CSA-A165 SERIES. MINIMUM COMPRESSIVE STRENGTH 15MPa UNLESS NOTED OTHERWISE ON DRAWINGS.

ALL BLOCK VOIDS WITH REINFORCING BARS SHALL BE FILLED SOLID WITH 20MPa CONCRETE OR COARSE GROUT.

STRUCTURAL STEEL SPECIFICATION:

SUBMIT SHOP DRAWINGS TO THE CONTRACTOR BEFORE FABRICATION IS STARTED.

FABRICATE, SUPPLY AND ERECT STRUCTURAL STEEL WORK IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:

DESIGN, FABRICATE AND ERECTION: CSA-S16
 WELDING: CSA-W47 & W59
 CLEANING: C058-31-GP-402
 BOLTS: ASTM-A325
 PAINT: C058-11-GP-404

CONNECTIONS SHALL BE DESIGNED FOR THE REACTIONS PRODUCED BY LOADING CONDITIONS. ALL CONNECTIONS SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN ONTARIO. THE SEAL SHALL BE ON SHOP DRAWINGS.

WELDING OR BOLTS TO ASTM A325 IN BEARING TYPE CONNECTIONS ONLY MAY BE USED.

ALL COMPLETED STEEL WORK AND CONNECTIONS SHALL BE INSPECTED BY AN INDEPENDENT INSPECTION COMPANY AND REPORTS SHALL BE FORWARDED TO THE CONSULTANT.

ALL EXTERIOR STEEL SHALL BE HOT DIPPED GALVANIZED.

CONCRETE SPECIFICATION:

SUBMIT SHOP DRAWINGS AND BAR LISTS TO THE CONTRACTOR BEFORE FABRICATION IS STARTED.

DETAIL REINFORCING IN ACCORDANCE WITH ACI 315.

ONLY READY MIX CONCRETE IS PERMITTED ON THIS JOB.

SUPPLY AND INSTALL CONCRETE, REINFORCING STEEL AND FORM WORK INCLUDING PLACING FINISHING AND CURING AS SHOWN ON THE DRAWINGS IN ACCORDANCE WITH CSA A23 AND CSA G30.

DRIPACK CONCRETE GROUT SHALL BE:

- 1 1/2 PARTS FINE AGGREGATE (SAND)
- 2 PARTS 3/4 GRAVEL

SUFFICIENT WATER TO DAMPEN MIX.

GENERAL NOTES & SPECIFICATIONS

DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE FOR USE ON THIS PROJECT ONLY AND USE OR REPRODUCTION OF A PART OR WHOLE IS FORBIDDEN WITHOUT THE CONSULTANT'S WRITTEN PERMISSION.

DO NOT SCALE DRAWINGS. REFER TO ARCHITECT'S FOR DIMENSIONS. ALL DIMENSIONS/ELEVATIONS INDICATED ON STRUCTURAL DRAWINGS SHALL BE VERIFIED WITH ARCHITECTURAL DRAWINGS AND ANY DISCREPANCY REPORTED TO CONSULTANT.

TENDER NUMBER: PUR18-031-ITT

DATE	ISSUED FOR	REVISIONS
April 5, 2018	Issued for Addendum	
Mar. 15, 2018	Issued for Tender	

WESTMOUNT PUBLIC SCHOOL RENOVATIONS 2018

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FRAMING PLANS & SECTION

TRUE NORTH DWG. NORTH

1804 JOB NO.

AS NOTED SCALE

DATE: March, 2018 PRINTED

DWG. NO. **S1.1R**

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