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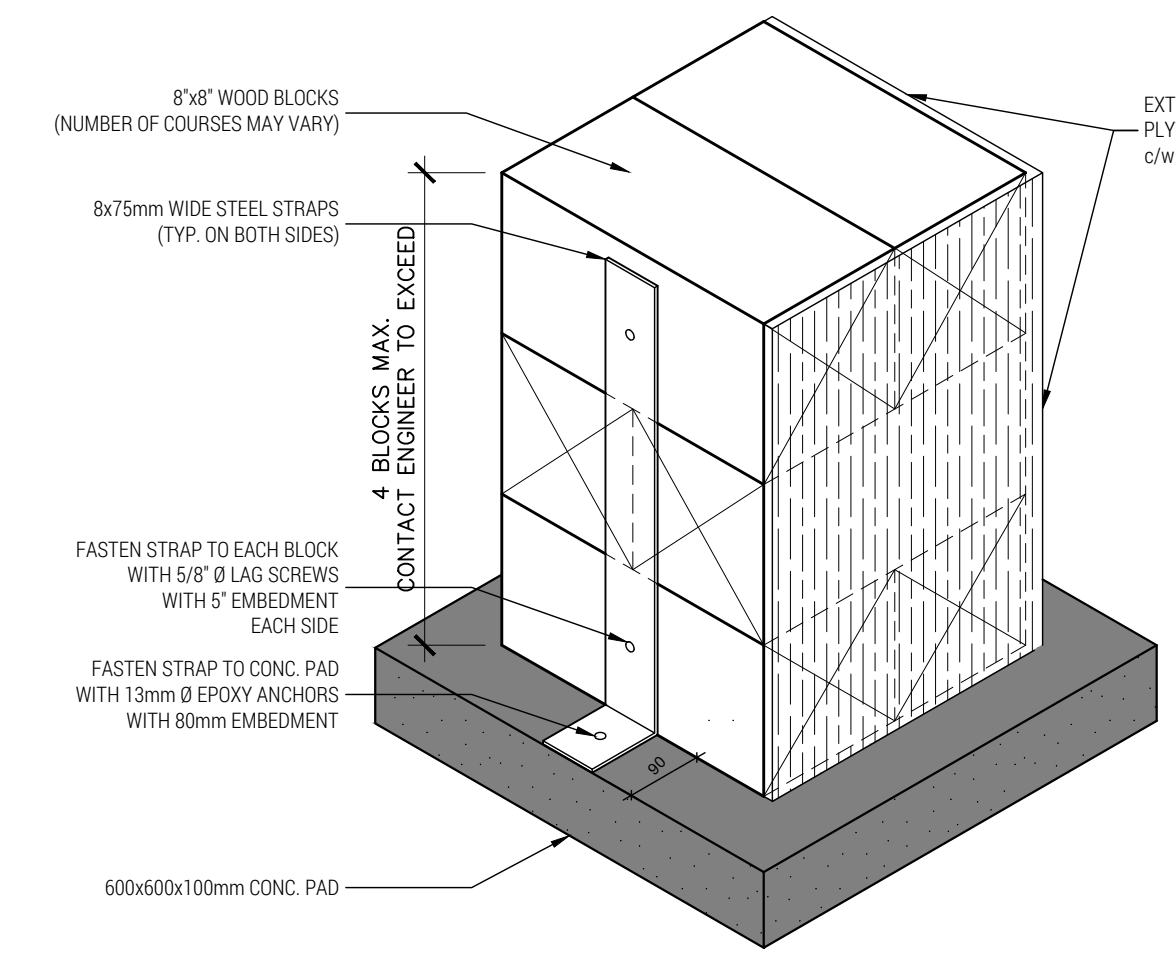
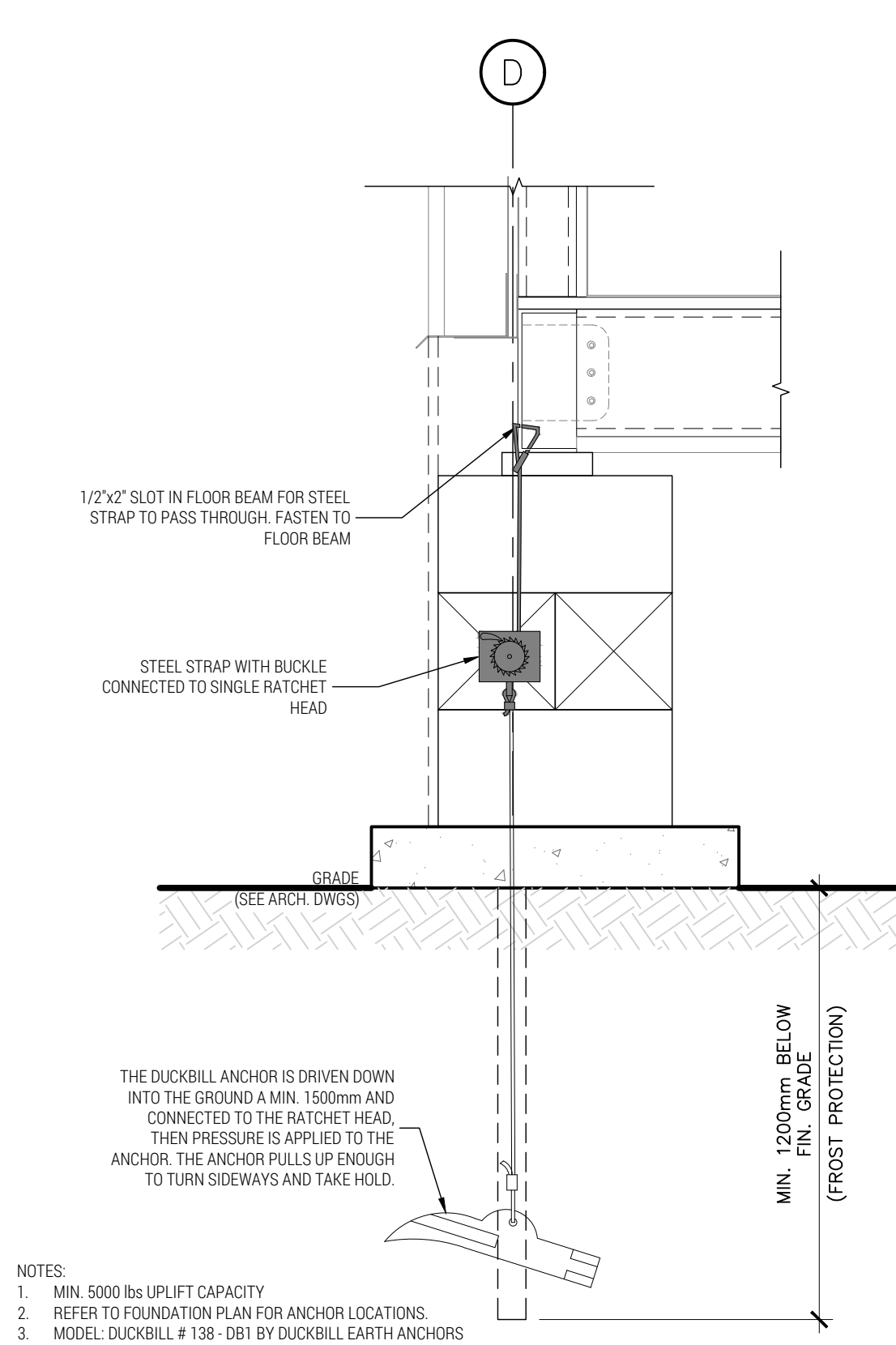
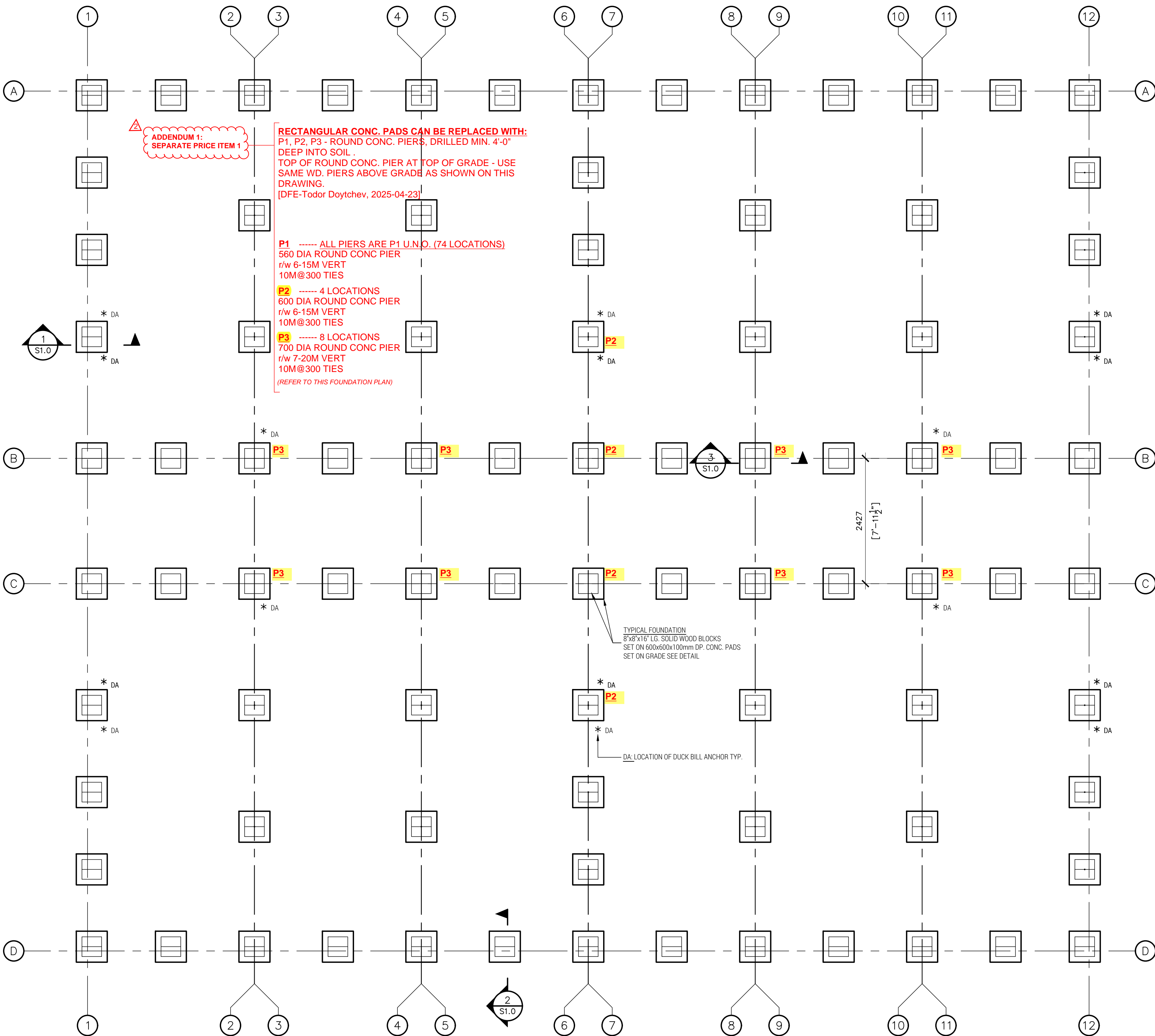
**Architectural**

- Item 1**     Separate Price Item 1: Concrete Pier Alternate Foundation.  
Contractor to provide a separate price for portable installation on new concrete pier foundations as noted in Structural addendum item 1 below.

**Structural**

- Item 1**     Structural Addendum #1: refer to attached drawing S1.0, Revision 2 notes, for alternate concrete pier foundations as a separate price item 1. Same notes and assumptions remain as shown on drawings including assumed soil bearing.

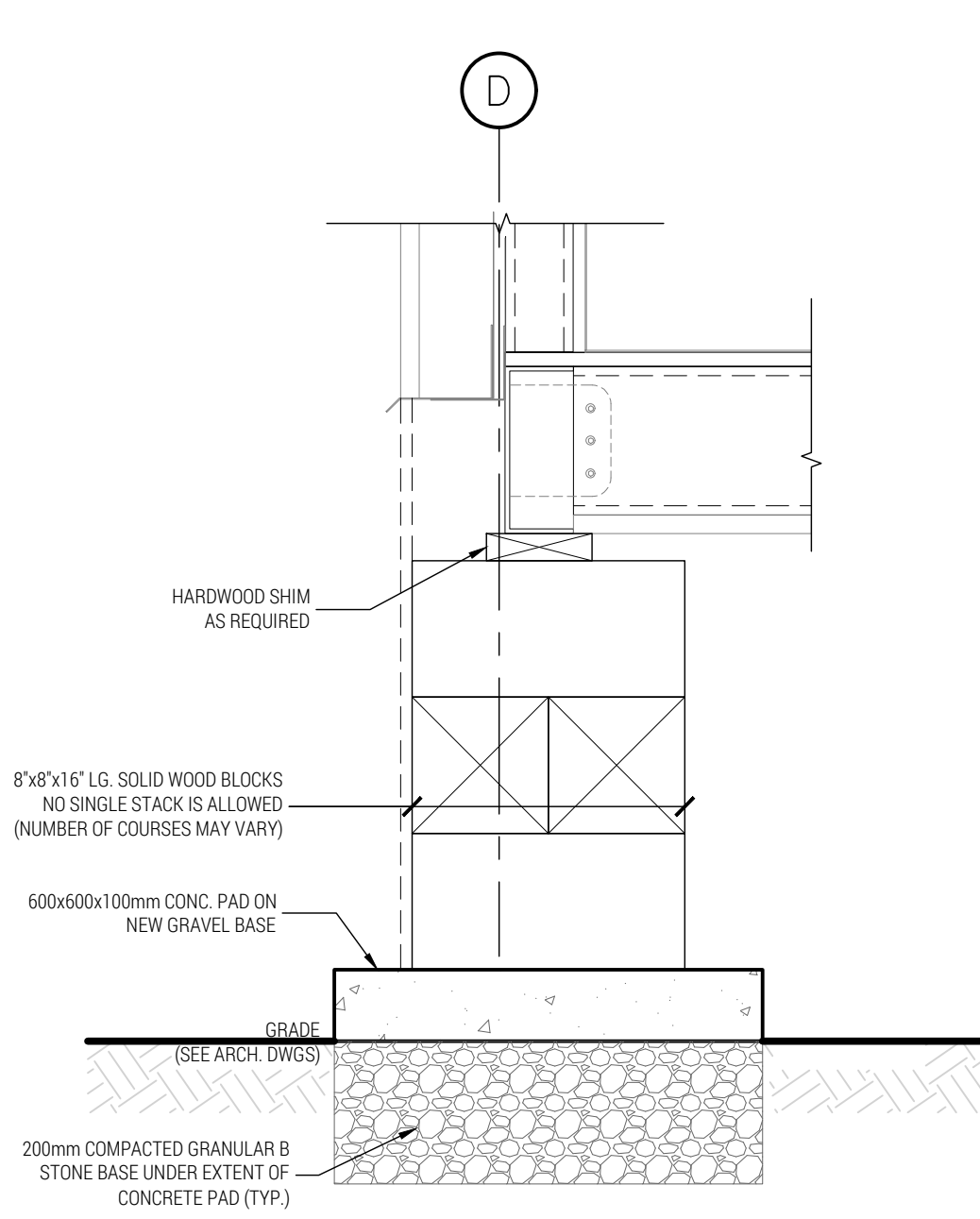
End of Addendum



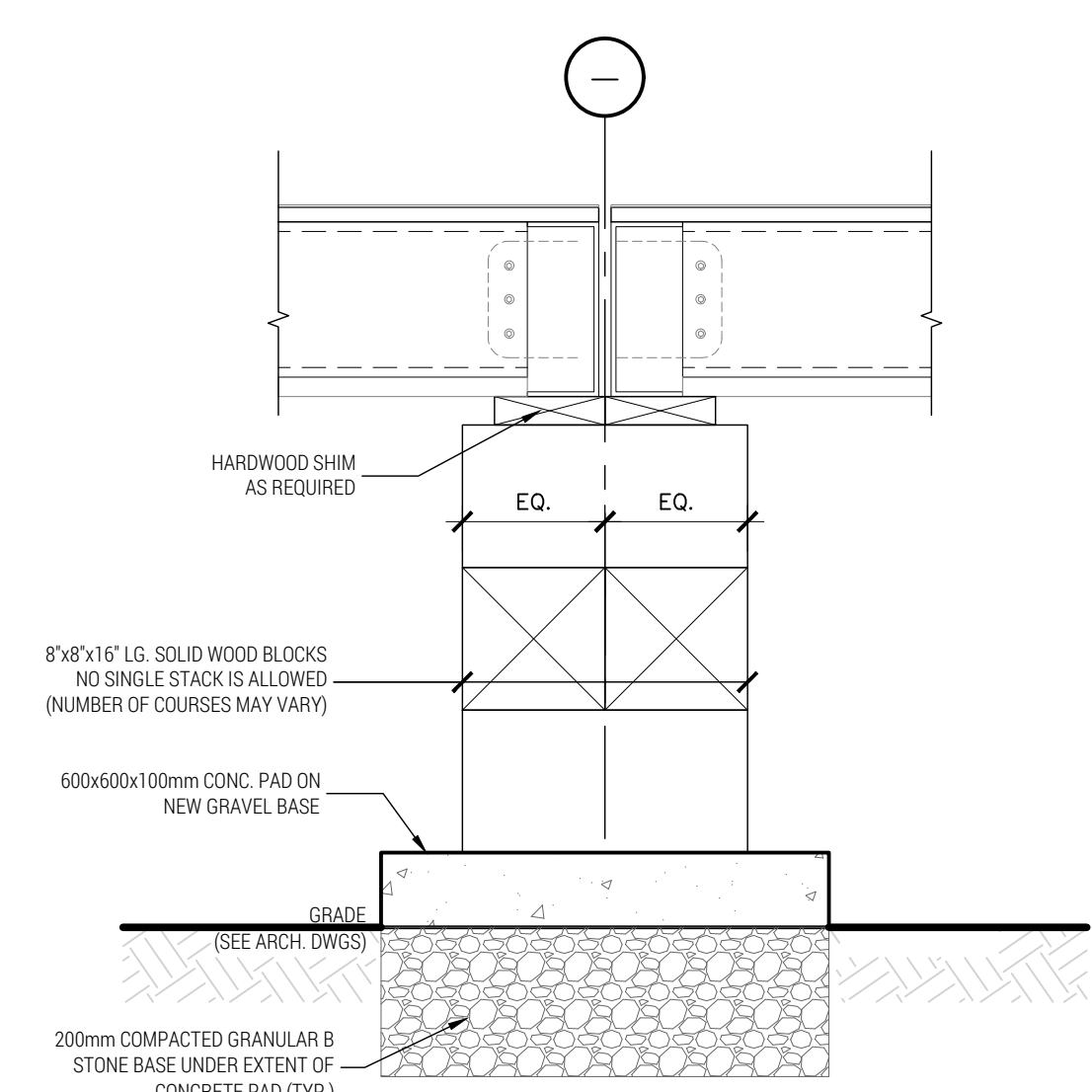
NOTES:  
1. MIN. 5000 lbs UPLIFT CAPACITY  
2. REFER TO FOUNDATION PLAN FOR ANCHOR LOCATIONS.  
3. MODEL DUCKBILL # 138 - DB1 BY DUCKBILL EARTH ANCHORS

### SECTION

DESIGN DATA TABLE		
BUILDING IMPORTANCE	NORMAL	
LIVE LOAD : 2.4 kPa		
SPECIFIED SNOW LOADS		
RAIN LOADING DESIGN DATA (1/50)	24h RAIN	108mm
SNOW LOADING DESIGN DATA (1/50)	Ss	1.3 kPa
	Sr	0.4 kPa
BASIC ROOF SNOW LOAD	S	1.44 kPa
ADDITIONAL SNOW ACCUMULATION IS SHOWN ON THE DRAWINGS.		
SPECIFIED WIND LOADS		
HOURLY WIND PRESSURE DESIGN DATA (1/50)	0.46 kPa	
WIND DESIGN CATEGORY	CATEGORY 2	
TERRAIN TYPE	'OPEN'	
SPECIFIED EARTHQUAKE LOADS		
SEISMIC LOADING DESIGN DATA	Sa (0.2, X <sub>0</sub> )	0.391
	Sa (0.5, X <sub>0</sub> )	0.317
	Sa (1.0, X <sub>0</sub> )	0.177
	Sa (2.0, X <sub>0</sub> )	0.0814
	Sa (5.0, X <sub>0</sub> )	0.0209
	Sa (10.0, X <sub>0</sub> )	0.00644
	PGV (X <sub>0</sub> )	0.206
	PGA ( X <sub>0</sub> )	0.247
SITE CLASS TO BE CONFIRMED BY GEOTECHNICAL ENGINEER	SITE CLASS	'D'
SEISMIC FORCE MODIFICATION FACTORS FOR SEISMIC FORCE RESISTING SYSTEM	Rd	1.5
	Ro	1.3
SEISMIC CATEGORY	SC3	



### SECTION



### SECTION

PLAN  
FOUNDATION PLAN  
1:50

- ### GENERAL NOTES
- THESE DOCUMENTS ARE TO BE USED ONLY BY THE PARTY WITH WHOM DFE HAS ENTERED INTO A CONTRACT.
  - THE USE OF THESE DRAWINGS IS LIMITED TO THAT IDENTIFIED IN THE REVISION COLUMN.
  - THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2024 ONTARIO BUILDING CODE (OBC) LATEST EDITION INCLUDING ALL THE LATEST STANDARDS REFERENCED THEREIN, AND ANY APPLICABLE ACTS OF AUTHORITY. CONSTRUCTION PRACTICES SHALL BE ACCORDING TO THE SAME. USE THE LATEST VERSIONS OF STANDARDS AND CODES LISTED BELOW. ELEMENTS OF STRUCTURES AND NON-STRUCTURAL COMPONENTS AND EQUIPMENT AND THEIR CONNECTIONS TO BE DESIGNED PER OBC LATEST EDITION.
  - DO NOT SCALE THESE DRAWINGS. ERRORS MADE BECAUSE OF SCALING THESE DRAWINGS ARE RESPONSIBILITY OF THE PARTY WHO USED THE DRAWINGS.
  - WHERE DISCREPANCIES EXIST, THE MOST STRINGENT SHALL PREVAIL. NOTIFY THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
  - STRUCTURAL DRAWINGS TO BE USED TOGETHER WITH ALL OTHER SPECIFICATIONS AND CONTRACT DOCUMENTS.
  - REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS AND SIZES OF HOLES, SUMP PITS, TRENCHES, CURBS, BOLTS, SLEEVES, OPENINGS, ETC.
  - THE CONTRACTOR SHALL BECOME FAMILIARIZED WITH THE PROJECT ON SITE, INCLUDING EXISTING BRACING, SHORING, SHEET PILING ETC. TO PROTECT EXISTING OR ADJACENT STRUCTURES AFFECTED BY THIS WORK.
  - ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS - O. REG. 213/91.
  - THE CONTRACTOR SHALL PROVIDE DESIGN AND CONSTRUCTION OF HORIZONTAL AND VERTICAL SHORING AND TEMPORARY BRACING AS PER O. REG. 213/91. THE CONTRACTOR SHALL PROVIDE BRACING, SHORING, SHEET PILING ETC. TO PROTECT EXISTING OR ADJACENT STRUCTURES AFFECTED BY THIS WORK.
  - THE OWNER AND THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF CONSTRUCTION PROGRESS, AND THEY SHALL INVITE THE ENGINEER TO COMPLETE GENERAL REVIEWS.

### FOUNDATIONS

- ASSUMED SOIL BEARING CAPACITY SLS = 150 kPa, ULS = 225 kPa, (TO BE FIELD VERIFIED BY OTHERS).
- PIER PADS ARE TO BE CHECKED BY OWNER FOR SETTLEMENT AND ADDITIONAL SHIMS PROVIDED AS REQUIRED ON AN ON-GOING BASIS.

### CAST-IN-PLACE CONCRETE AND REINFORCING

- ALL CONCRETE WORK TO CONFORM TO THE LATEST REQUIREMENTS OF CSA STANDARDS A23.1, A23.2 & A23.3.

CONCRETE MIX PROPERTIES TABLE ABOVE BASEMENT				
CONCRETE	MIN. 28 DAYS STRENGTH (MPa)	SLUMP mm	AIR CONTENT (%)	MAX. AGGREGATE SIZE (in)
EXTERIOR SLAB (UNREINFORCED)	32	80 (430)	5-8	3/4"

- ### LUMBER
- ALL WOOD SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH CSA STANDARD CAN/CSA 086-09 ENGINEERING DESIGN IN WOOD.
  - SAWN LUMBER PRODUCTS SHALL CONFORM TO THE REQUIREMENTS OF CSA 0141. ALL SAWN LUMBER IS TO BE SPF GRADE No. 1N&2 OR BETTER, UNLESS NOTED OTHERWISE.
  - NAILS AND SPIKES SHALL CONFORM TO THE CSA STANDARD B111 "WIRE NAILS, SPIKES AND STAPLES".

ABBREVIATIONS			
AB	ANCHOR BOLT	DET.	DETAIL
ALT.	ALTERNATE	DIA.	DIAMETER
ALUM.	ALUMINUM	DIM.	DIMENSION
ANCH.	ANCHORS	DITTO	DITTO
APPROX.	APPROXIMATELY	DP.	DEEP
ARCH.	ARCHITECTURAL	DWG.	DRAWING
B.F.	BOTTOM FACE	DWL.	DOWEL
B.PL.	BASE PLATE	E.F.	EACH FACE
BLK.	BLOCK	E.J.	EXPANSION JOINT
BM.	BEAM	ELEC.	ELECTRICAL
BOT.	BOTTOM	EMBED.	EMBEDMENT
BRG.	BEARING	E.S.	ELEVATION
BT.PL.	BENT PLATE	E.W.	EACH WAY
C.W.	COMPLETE WITH	EA.	EACH
C/C	CENTRE TO CENTRE	EQ.	EQUAL
C.J.	CONTROL JOINT	EXTG.	EXISTING
C.L.	CONCRETE LINTEL	F.F.	FACE TO FACE
CLG.	CEILING	FIN.	FINISHED
COL.	COLUMN	FLR.	FLOOR
CONC.	CONCRETE	FNDR.	FOUNDATION
CONN.	CONNECTION	FTG.	FOOTING
CONSTRN.	CONSTRUCTION	Ga.	GAUGE
CONT.	CONTINUOUS	GALV.	GALVANIZED
DEMO.	DEMOLITION	GRD.	GRADE
		H.D.	HEAVY DUTY
		H.D.G.	HOT DIPPED GALVANIZED
		H.E.F.	HORIZONTAL EACH FACE
		H.O.F.	HORIZONTAL OUTSIDE FACE
		HORIZ.	HORIZONTAL
		H.P.	HIGH POINT
		HSS	HOLLOW STRUCTURAL STEEL

ABBREVIATIONS			
HD.	HOOKED	R.C.	REINFORCED CONCRETE
ID.	INSIDE DIAMETER	R.D.	ROUGH ROOF
KN.	KILONEWTON	R.O.	ROUGH OPENING
KPa	KILOPASCAL	HD.	REFERENCE
L	ANGLE	REINF.	REINFORCED
L.L.H.	LONG LEG HORIZONTAL	REQ'D	REQUIRED
L.L.V.	LONG LEG VERTICAL	S.C.	SAWCUT
L.P.	LOW POINT	S.D.F.	STEP DOWN FOOTING
LG.	LONG	SECT.	SECTION
L.H.	SHORT LEG HORIZONTAL	S.L.H.	SHORT LEG HORIZONTAL
S.L.V.	SHORT LEG VERTICAL	S.O.G.	SLAB ON GRADE
MIN.	MINIMUM	STL.	STEEL
MECH.	MECHANICAL	STIFF.	STIFFENER
METL.	METAL	STRUCT.	STRUCTURAL
mm	MILLIMETRE	T.O.	TOP OF
MPa	MEGAPASCAL	T.L.TOP	LOWER LAYER
N.I.C.	NOT IN CONTRACT	T.U.L.	TOP UPPER LAYER
N.T.S.	NOT TO SCALE	TYP.	TYPICAL
No.	NUMBER	U.N.O.	UNLESS NOTED OTHERWISE
O.C.	ON CENTRE	UIS	UNDERSIDE
OUTD.	OUTSIDE DIAMETER	VERT.	VERTICAL
O.H.	OVERHEAD	V.E.F.	VERTICAL EACH FACE
OWSJ.	OPEN WEB STEEL JOIST	V.I.F.	VERTICAL INSIDE FACE
PARTN.	PARTITION	V.O.F.	VERTICAL OUTSIDE FACE
PL.	PLATE	W.P.	WORKING POINT
		W.W.M.	WELEDED WIRE MESH
		@	SPACED AT

NOTE TO CONTRACTOR:  
DO NOT SCALE DRAWINGS. CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK. ALL DRAWINGS REMAIN THE PROPERTY OF THE ENGINEER AND SHALL NOT BE REPRODUCED OR REUSED WITHOUT THE ENGINEER'S WRITTEN PERMISSION.

THE OWNER/ARCHITECT/CONTRACTOR IS ADVISED THAT D.F. ENGINEERING INC. CANNOT CERTIFY ANY COMPONENT OF THE SITE WORKS NOT INSPECTED DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY D.F. ENGINEERING INC. PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR INSPECTION.

ADDENDUM 1	2	2025-04-24
ISSUED FOR BUILDING PERMIT	1	2025-04-08

**DFE**  
**DOYCH & FILO ENGINEERING INC.**  
Structural Engineers

PROVINCE OF ONTARIO  
LICENSED PROFESSIONAL ENGINEER  
T. H. DOYCHEV  
100113262  
2025-04-08

Phones: (647) 836-4825 ; (905) 719-1492

PROJECT		SJB CSS PROPOSED 4-PAC PORTABLE CLASSROOM ADDITION	
200 ACADIA DR., HAMILTON, ON, L8W 1B8			
DRAWING		GENERAL NOTES GROUND FLOOR PLANS, SECTION AND DETAILS	
Design By:	TD/AF	Date:	2025-03-20
		Project No.:	24112903
Drawn By:	AF	Drawing No.:	
Scale:	AS NOTED		S1