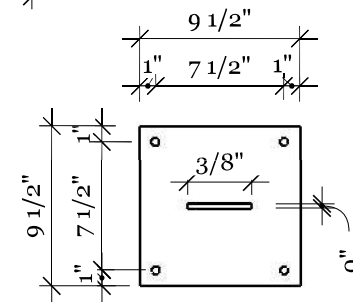
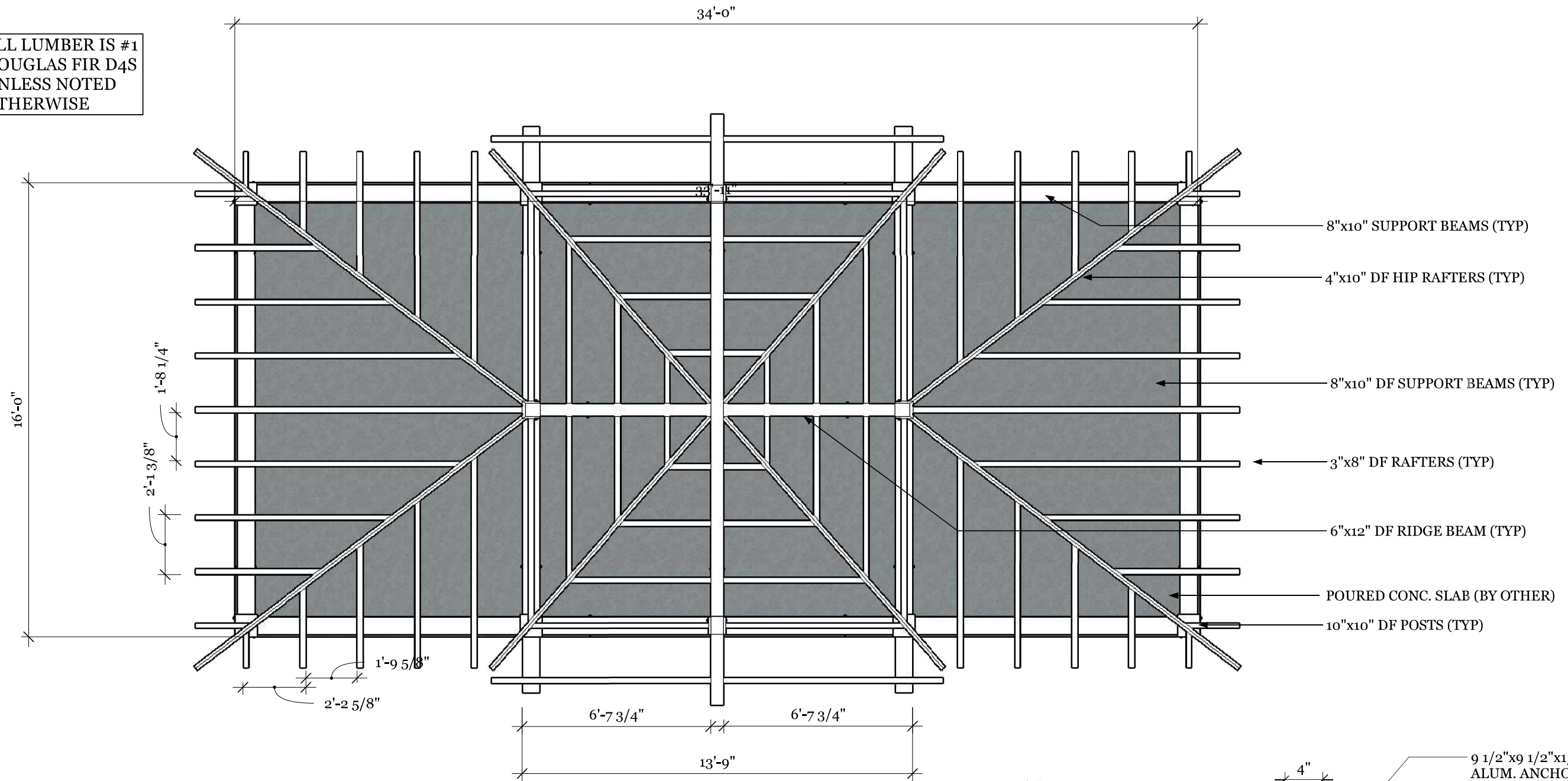
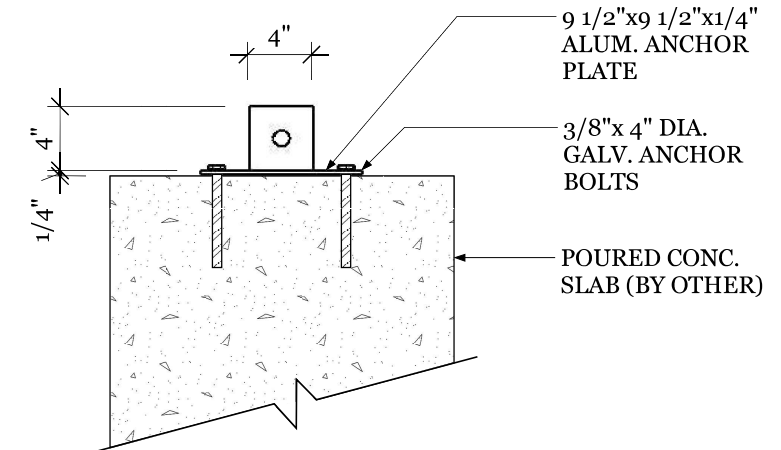




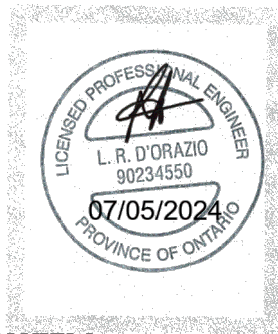
ALL LUMBER IS #1  
DOUGLAS FIR D4S  
UNLESS NOTED  
OTHERWISE



ANCHOR PLATE PLAN DETAIL  
N.T.S.



ANCHOR PLATE SECTION DETAIL  
N.T.S.



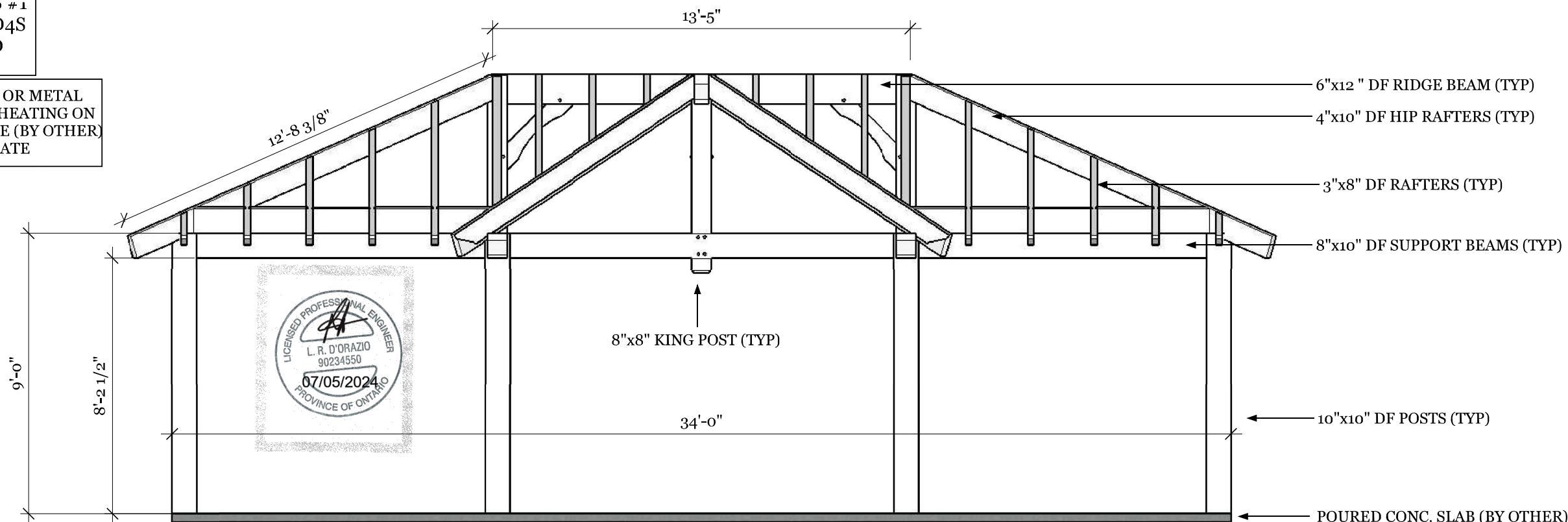
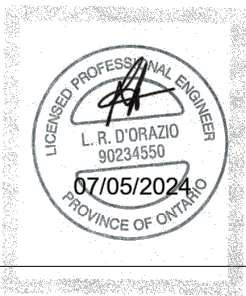
PLAN VIEW  
1/4" = 1'-0"

REV NO.	BY:	REVISION:	DATE:
1	S.B	ENGINEER REVIEW	06/30/24

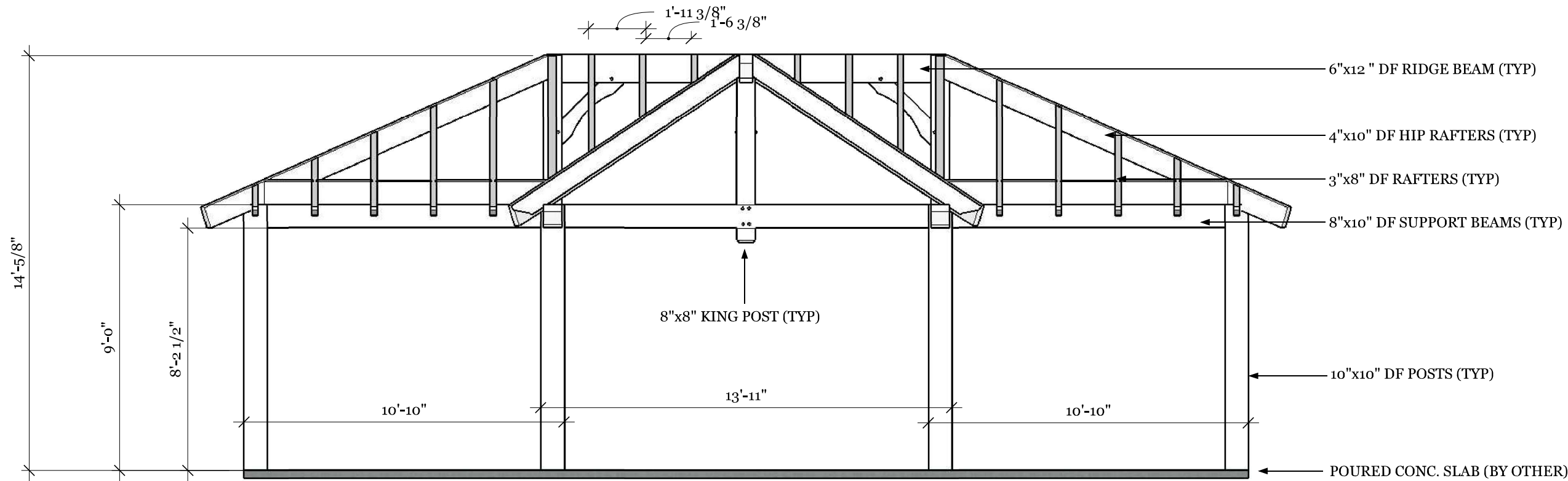
Tahboub Residence- Hexagon Timber Pavilion 158 Maple Grove Drive., Oakville, ON				
DRAWING NAME: Plan & Pier Footing Details				
DRAWN BY: S.B	CHECKED BY: S.K	SCALE: As Shown	DATE: 06/30/24	PROJECT NO.:

ALL LUMBER IS #1  
DOUGLAS FIR D4S  
UNLESS NOTED  
OTHERWISE

ASPHALT SHINGLES OR METAL  
ON 1/2" PLYWOOD SHEATING ON  
1/6" PINE SUBSTRATE (BY OTHER)  
OR 2/6" PINE SUBSTRATE



FRONT ELEVATION  
1/4"=1'-0"



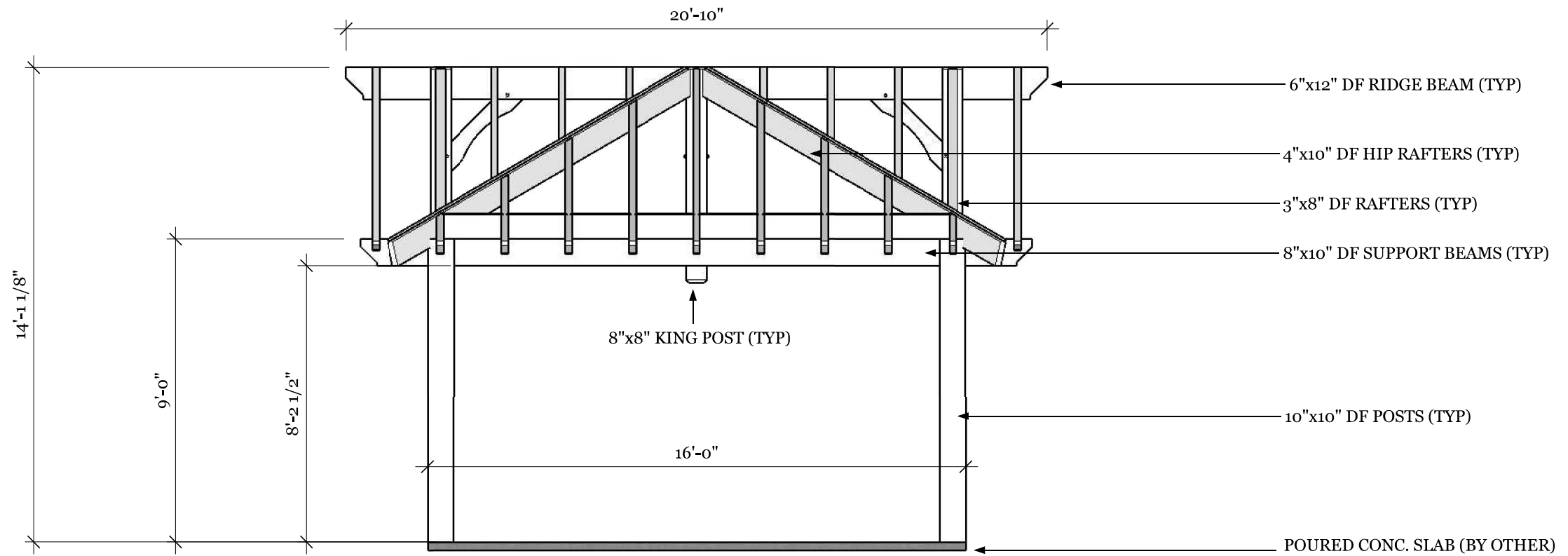
REAR ELEVATION  
1/4"=1'-0"

REV NO.	BY:	REVISION:	DATE:
1	S.B	ENGINEER REVIEW	06/30/24
1	S.B	ENGINEER REVIEW	07/05/24

Tahboub Residence- Hexagon Pavilion 158 Maple Grove Drive., Oakville, ON				
DRAWING NAME: Elevations				
DRAWN BY: S.B	CHECKED BY: S.K	SCALE: As Shown	DATE: 06/30/24	PROJECT NO.:

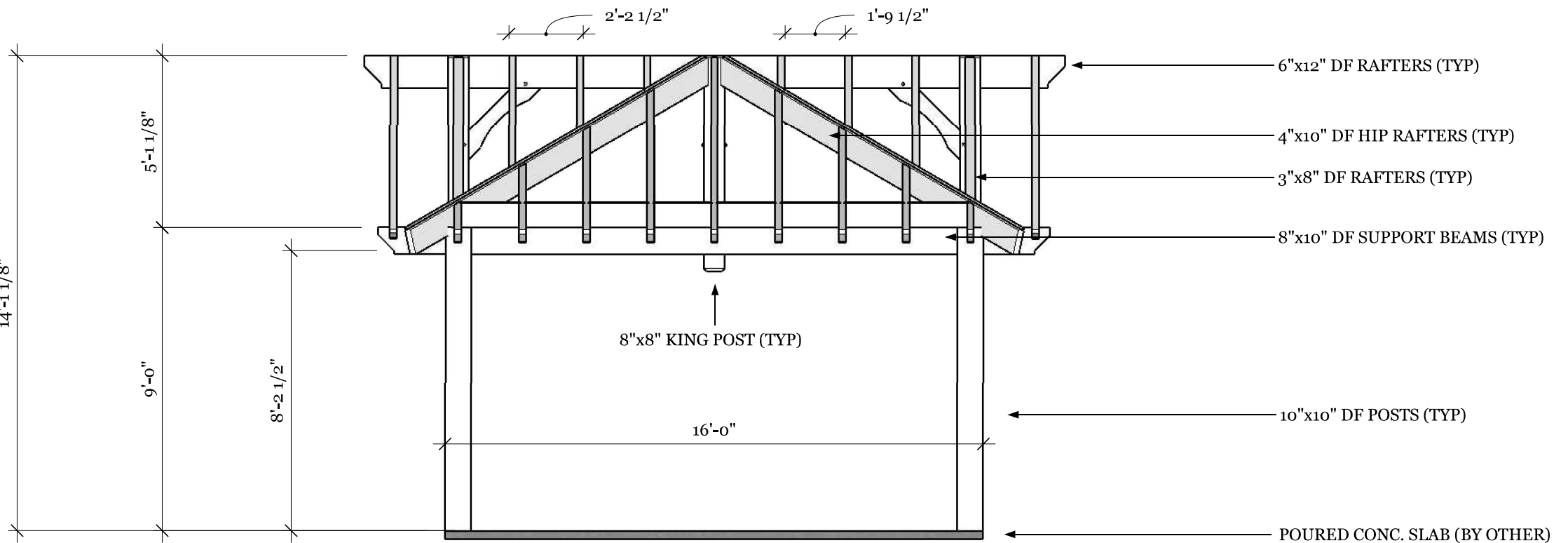
ALL LUMBER IS #1 DOUGLAS FIR D4S UNLESS NOTED OTHERWISE

ASPHALT SHINGLES OR METAL ON 1/2" PLYWOOD SHEATING ON 1/6" PINE SUBSTRATE (BY OTHER) OR 2/6" PINE SUBSTRATE



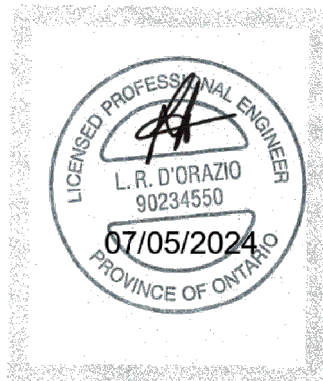
SIDE ELEVATION

1/4=1'-0"



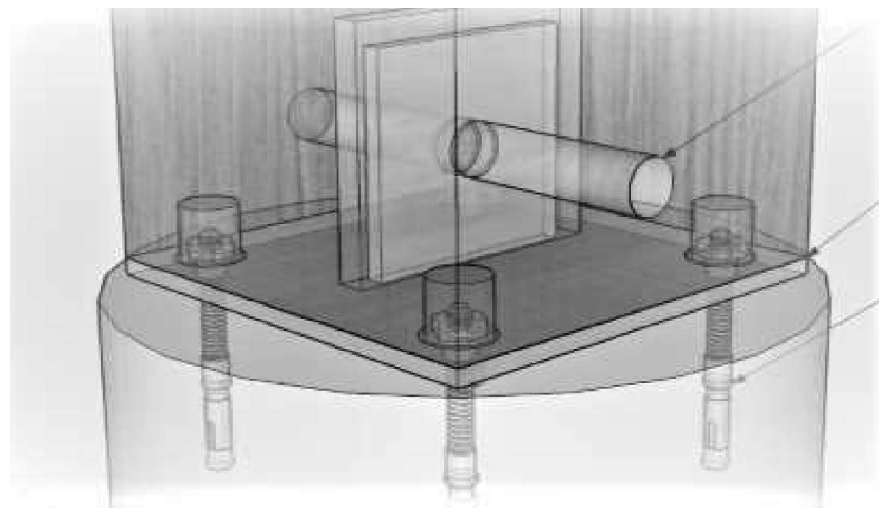
SIDE ELEVATION

1/4=1'-0"

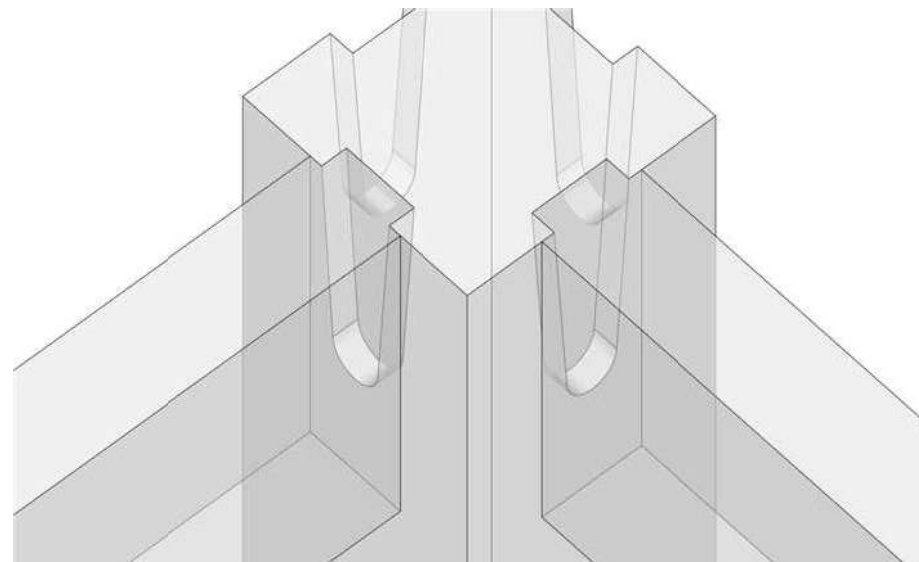


REV NO.	BY:	REVISION:	DATE:
1	S.B	ENGINEER REVIEW	06/30/24
2	S.B	ENGINEER REVIEW	07/05/24

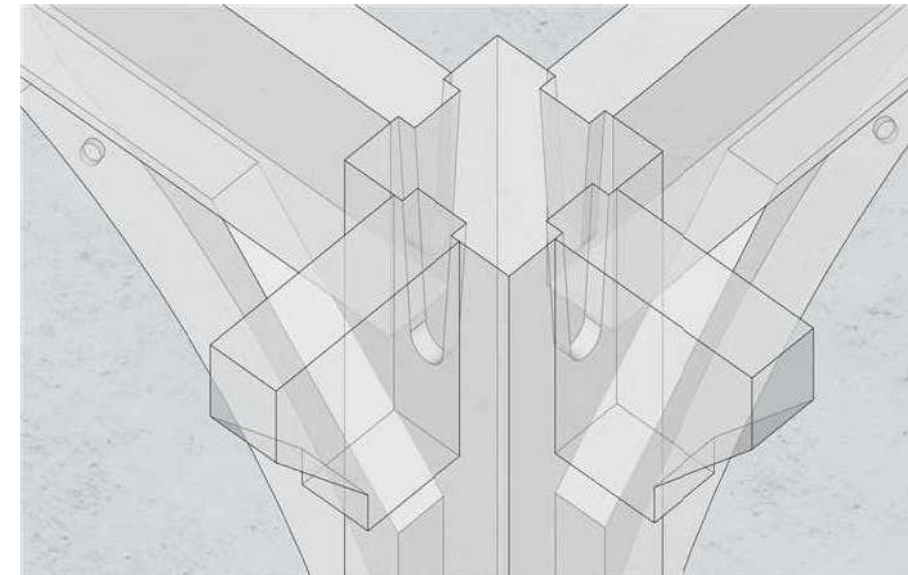
Tahboub Residence- Hexagon Timber Pavilion 158 Maple Grove Drive., Oakville, ON				
DRAWING NAME: Elevations				
DRAWN BY: S.B	CHECKED BY: S.K	SCALE: As Shown	DATE: 06/30/24	PROJECT NO.:



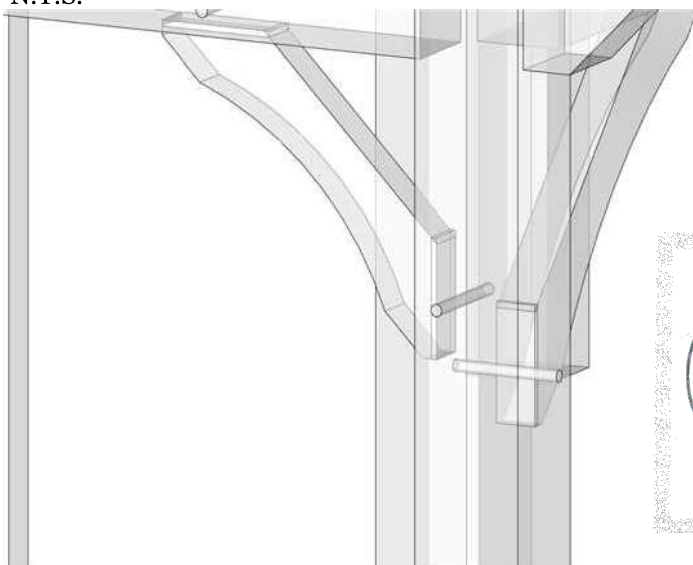
POST/ANCHOR PLATE CONNECTION SONO TUBES or OTHER METHOD  
N.T.S.



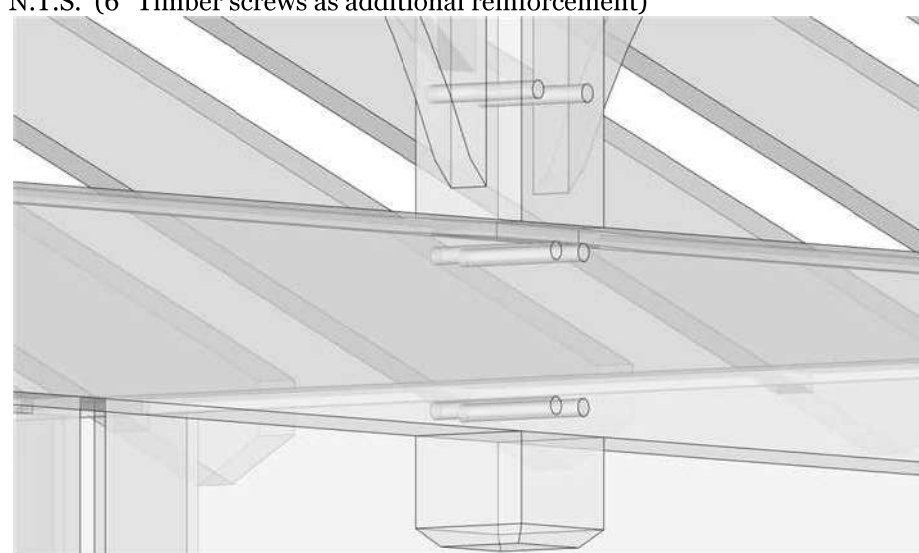
POST/SUPPORT BEAM CONNECTION (DOVE TAIL CONNECTION)  
N.T.S. (6" Timber screws as additional reinforcement)



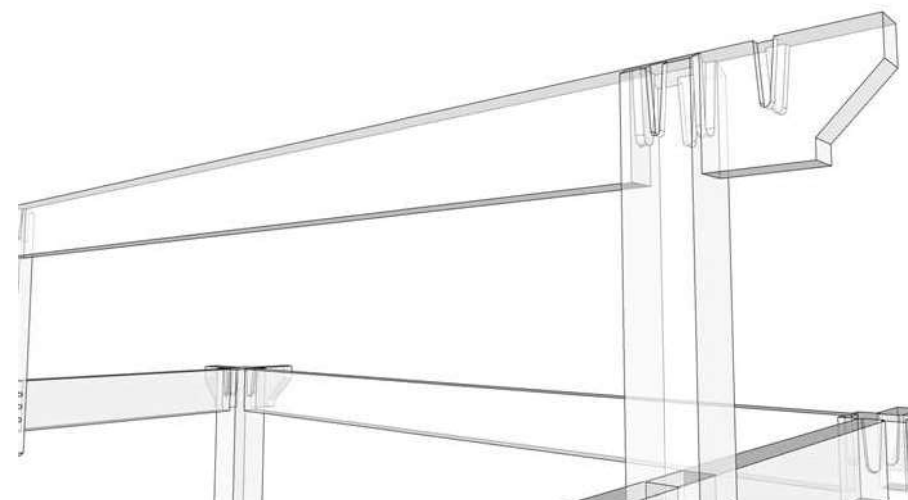
POST/OVERHANG CONNECTION (DOVETAIL CONNECTION)  
N.T.S. (6" Timber screws as additional reinforcement)



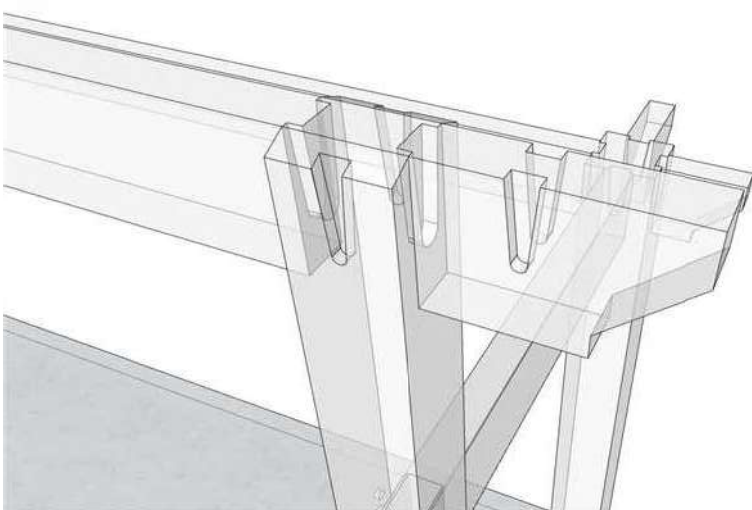
MORTICE BRACE/POST CONNECTION  
N.T.S. (Straight tenon connection secured with 1" x 1 1/2" oak dowel)



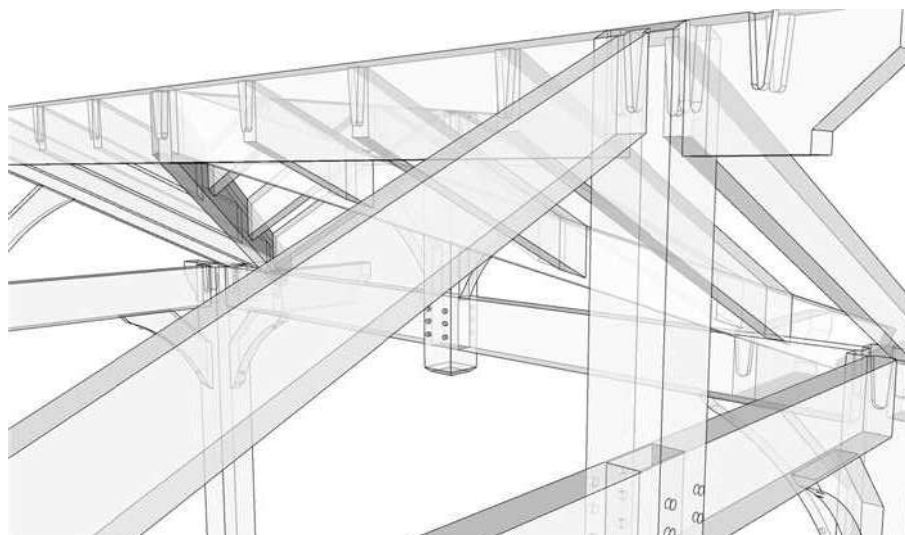
KING POST/SUPPORT BEAM CONNECTION  
N.T.S.



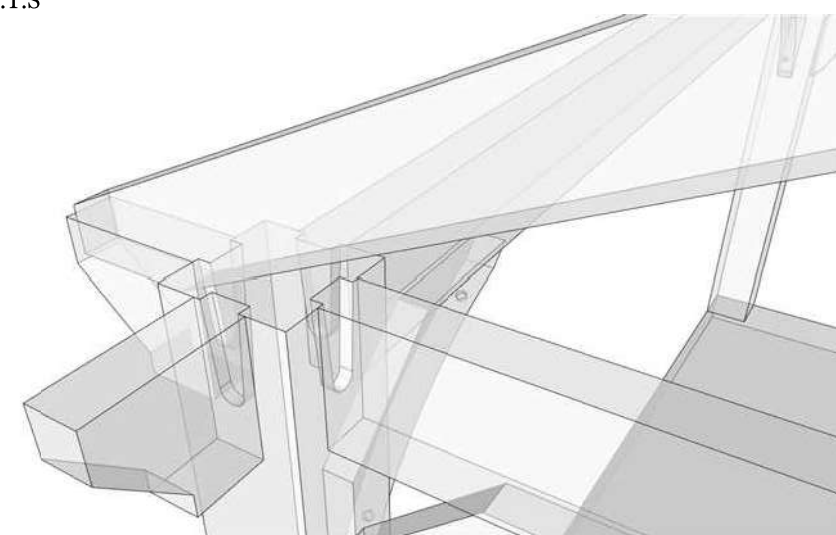
KING POST/RIDGE BEAM CONNECTION (DOVETAIL CONNECTION)  
N.T.S.



KING POST/RIDGE BEAM CONNECTION (DOVETAIL CONNECTION)  
N.T.S. (6" Timber screws as additional reinforcement)



QUEEN RAFTER/KING POST CONNECTION (DOVETAIL CONNECTION)  
N.T.S. (6" timber screw used for additional reinforcement)



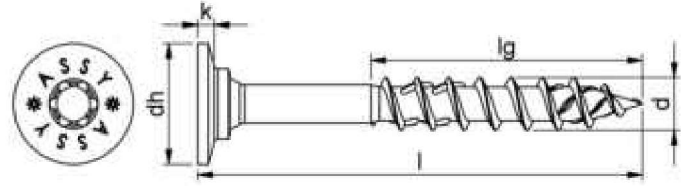
QUEEN RAFTER/OVERHANG CONNECTION  
N.T.S. (11" timber screw thru queen rafter to post overhang)

REV NO.	BY:	REVISION:	DATE:
1	S.B	ENGINEER REVIEW	06/30/24

Tahboub Residence- Hexagon Timber Pavilion 158 Maple Grove Drive., Oakville, ON				
DRAWING NAME: General Connection Details				
DRAWN BY: S.B	CHECKED BY: S.K	SCALE: As Shown	DATE: 06/30/24	PROJECT NO.:







Nominal diameter (d)	8 mm
Length (l)	100 mm
Thread length (lg)	60 mm
Head type	Washer head II
Head diameter (d <sub>h</sub> )	18.4 mm
Head height (k)	2.5 mm
Internal drive	RW40
Thread type	Wood screw thread
Thread design	Partial thread
End milling cutter	Yes
Thread format	Coarse thread
Core diameter	5.3 mm
Shape of tip	Tip with hilltop milling cutter
Angle of the tip	34 Degree
Material	Hardened steel
Surface	Zinc plated
Colour	Silver
Max. screw-in angle	90 Degree
Min. screw-in angle	0 Degree
Suitable for use in the following materials	Wood Derived timber product Softwood Board ply wood (BSP) Hardwood LVL
Area of application	Structural woodwork On rafter insulation Element construction Timber construction Timber panel construction Roof
Additional accessory	Bit lock
Approval	ETA-11/0190
RoHS-compliant	Yes



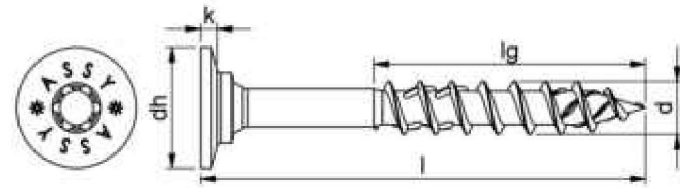
REV NO.	BY:	REVISION:	DATE:
1	S.B	ENGINEER REVIEW	06/30/24

Tahboub Residence- Hexagon Timber Pavilion 158 Maple Grove Drive., Oakville, ON				
DRAWING NAME: Dovetail Details				
DRAWN BY: S.B	CHECKED BY: S.K	SCALE: As Shown	DATE: 06/30/24	PROJECT NO.:



Product Datasheet

ASSY 4.0 WHII TS RW40 ZN M8x160 177.580160



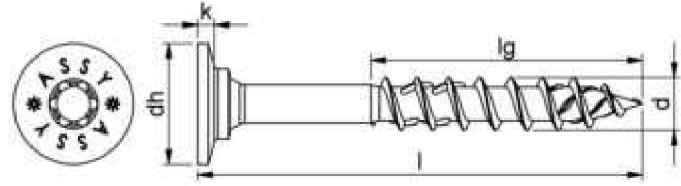
Nominal diameter (d)	8 mm
Length (l)	160 mm
Thread length (lg)	80 mm
Head type	Washer head II
Head diameter (d <sub>h</sub> )	18.4 mm
Head height (k)	2.5 mm
Internal drive	RW40
Thread type	Wood screw thread
Thread design	Partial thread
End milling cutter	Yes
Thread format	Coarse thread
Core diameter	5.3 mm
Shape of tip	Tip with hilltop milling cutter
Angle of the tip	34 Degree
Material	Hardened steel
Surface	Zinc plated
Colour	Silver
Max. screw-in angle	90 Degree
Min. screw-in angle	0 Degree
Suitable for use in the following materials	Wood Derived timber product Softwood Board ply wood (BSP) Hardwood LVL
Area of application	Structural woodwork On rafter insulation Element construction Timber construction Timber panel construction Roof
Additional accessory	Bit lock
Approval	ETA-11/0190
RoHS-compliant	Yes



REV NO.	BY:	REVISION:	DATE:
1	S.B	ENGINEER REVIEW	06/30/24

Tahboub Residence- Hexagon Timber Pavilion 158 Maple Grove Drive., Oakville, ON				
DRAWING NAME: Dovetail Details				
DRAWN BY: S.B	CHECKED BY: S.K	SCALE: As Shown	DATE: 06/30/24	PROJECT NO.:

ASSY 4.0 WHII TS RW40 ZN M8X300 177.580300



Nominal diameter (d)	8 mm
Length (l)	300 mm
Thread length (lg)	100 mm
Head type	Washer head II
Head diameter (d <sub>h</sub> )	18.4 mm
Head height (k)	2.5 mm
Internal drive	RW40
Thread type	Wood screw thread
Thread design	Partial thread
End milling cutter	Yes
Thread format	Coarse thread
Core diameter	5.3 mm
Shape of tip	Tip with hilltop milling cutter
Angle of the tip	34 Degree
Material	Hardened steel
Surface	Zinc plated
Colour	Silver
Max. screw-in angle	90 Degree
Min. screw-in angle	0 Degree
Suitable for use in the following materials	Wood Derived timber product Softwood Board ply wood (BSP) Hardwood LVL
Area of application	Structural woodwork On rafter insulation Element construction Timber construction Timber panel construction Roof
Additional accessory	Bit lock
Approval	ETA-11/0190
RoHS-compliant	Yes



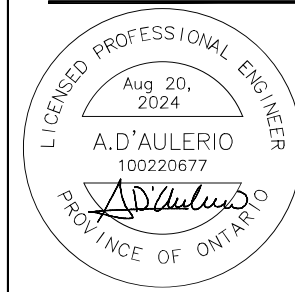
REV NO.	BY:	REVISION:	DATE:
1	S.B	ENGINEER REVIEW	06/30/24

Tahboub Residence- Hexagon Timber Pavilion 158 Maple Grove Drive., Oakville, ON				
DRAWING NAME: Dovetail Details				
DRAWN BY: S.B	CHECKED BY: S.K	SCALE: As Shown	DATE: 06/30/24	PROJECT NO.:

CONTRACTOR MUST VERIFY ALL DIMENSIONS ON THE JOB AND REPORT ANY DISCREPANCY TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.

DRAWINGS MUST NOT BE SCALED.

ALL DRAWINGS AND SPECIFICATIONS ARE AND REMAIN THE PROPERTY OF VALENCIA ENGINEERING CORP WHETHER THE WORK IS EXECUTED OR NOT. VALENCIA ENGINEERING CORP. RESERVES THE COPYRIGHT IN THEM AND THEY SHALL NOT BE USED, REPRODUCED, OR REVISED WITHOUT WRITTEN PERMISSION BY VALENCIA ENGINEERING CORP.



ISSUED FOR:

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
REVIEW	PERMIT	TENDER	CHANGE	CONSTR


1.	Issued For Permit	Aug 20, 2024
No.	Issuance	Date

Project Name  
**Betz - Tahboub Residence**  
158 Maple Grove Drive, Oakville

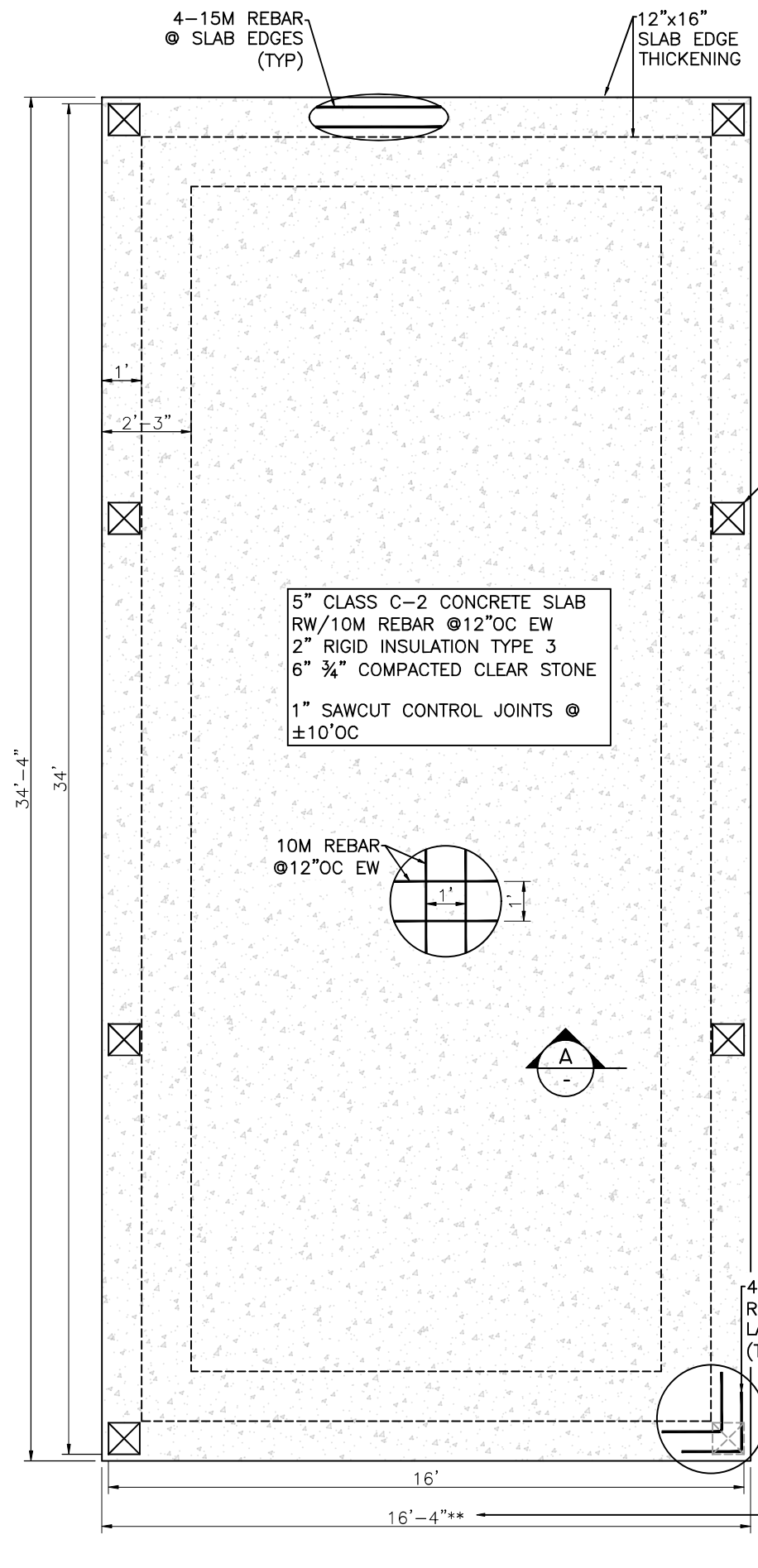
Proposed Accessory Structure  
Foundations

Sheet Title  
**Covered Lounge Area Foundation**

Drawn By: T.D      Scale: As Shown  
Designed By: T.D      Date: Aug 20, 2024  
VEC Project Number: VCE24-040

Sheet Number      Revision

**S201**      **0**

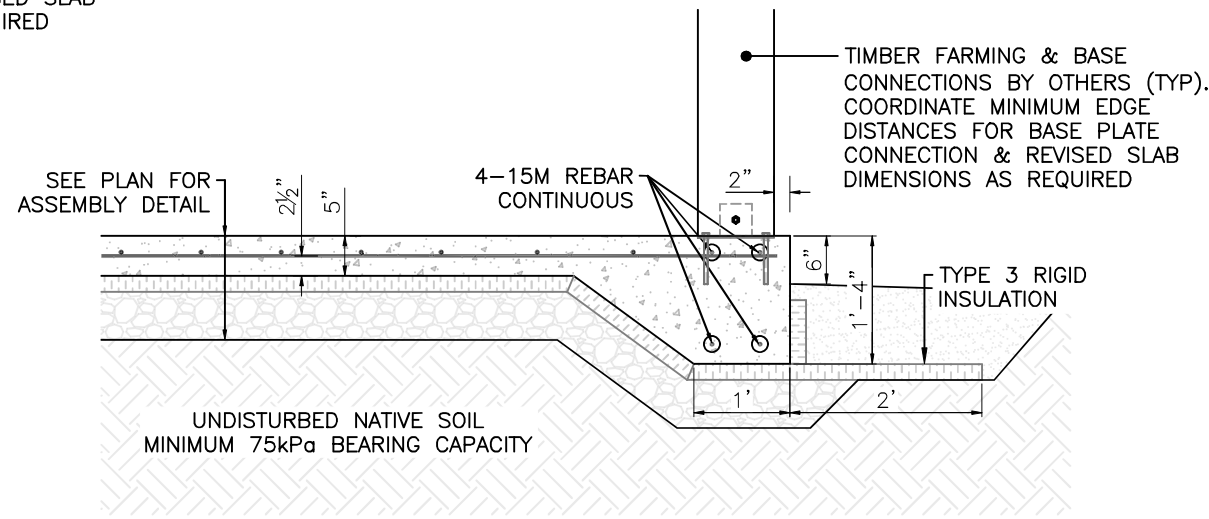


**COVERED LOUNGE FOUNDATION PLAN**  
SCALE 1/4"=1'

TIMBER FARMING & BASE CONNECTIONS BY OTHERS (TYP). COORDINATE MINIMUM EDGE DISTANCES FOR BASE PLATE CONNECTION & REVISED SLAB DIMENSIONS AS REQUIRED

4-15M 18'x18" CORNER REBAR. PROVIDE MIN 16" LAP TO SLAB EDGE REBAR (TYP)

\*\*SLAB IS SHOWN 4" GREATER THAN WALL DIMENSION TO ALLOW FOR SITE & CONSTRUCTION ADJUSTMENT THIS MAY BE REVISED FROM 0" TO 4" TO SUIT



SECTION **A**  
SCALE 1/2"=1'