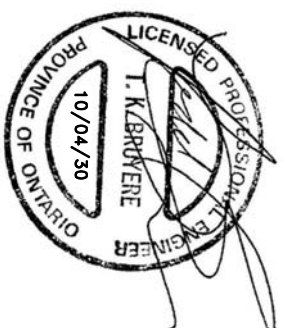



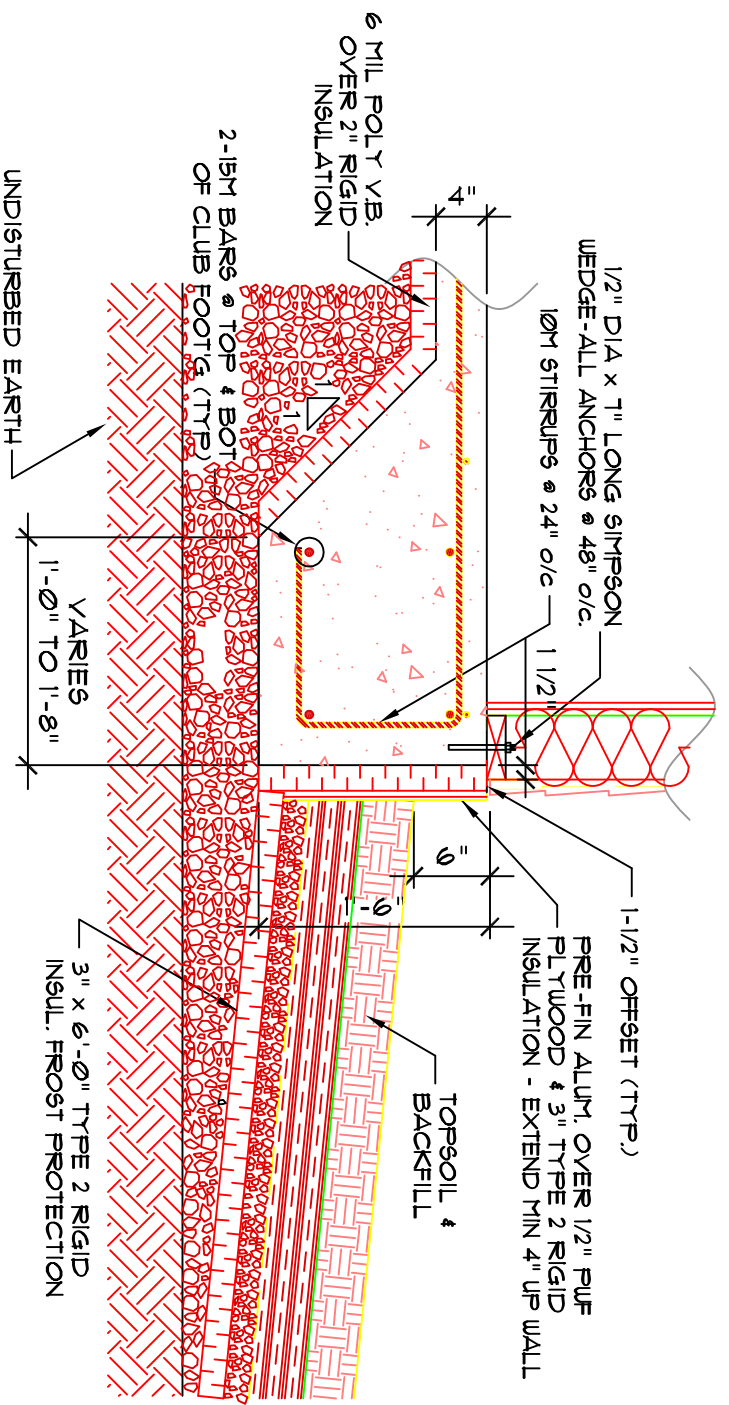
**FOUNDATION PLAN**

SCALE: 3/16" = 1'-0"

NOTE:  
CONTRACTOR TO CONFIRM DIMENSIONS  
ON THIS DRAWING WITH ARCHITECTURAL  
DRAWINGS PRIOR TO COMMENCING WORK



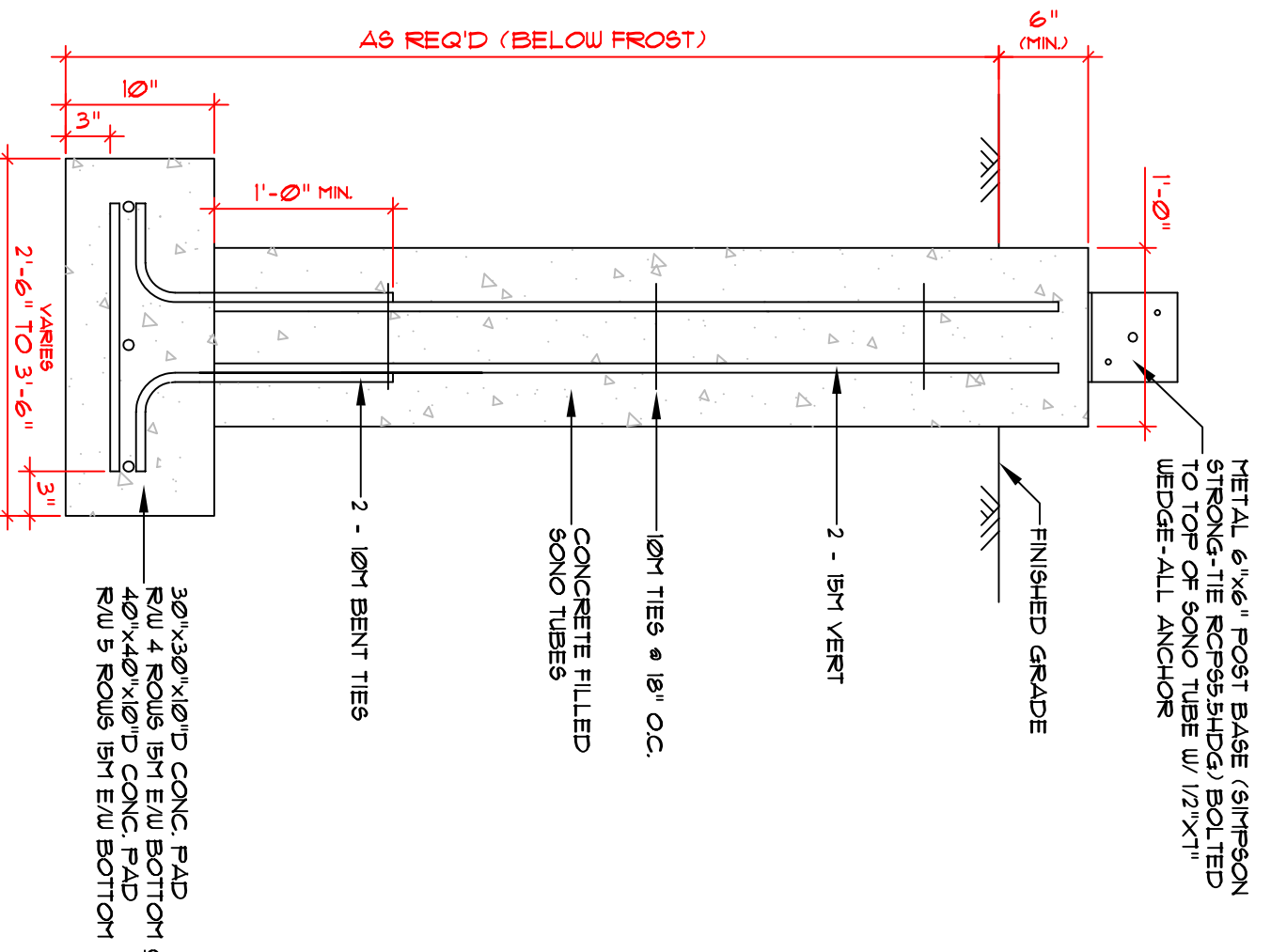
SHEET NO. <b>S1</b>	Sheet Title <b>FOUNDATION PLAN</b>	 <b>PWI-DI-GOO-ZING NE-YAA-ZHING ADVISORY SERVICES</b> TECHNICAL SERVICES UNIT P.O. BOX 522 FORT FRANCES, ONTARIO P9A 3M8 1-807-274-8531	REVISION RECORD	
	Project Title <b>REMOTE NORTHERN FIRST NATION HOUSING DESIGN CHARRETTE 3 BEDROOM</b>		MARK	DESCRIPTION
DESIGN: T.K.B.	DATE: 10/04/21			
SCALE: AS NOTED	PROJECT NO.:			
REV. NO.				



SECTION 'A'- TYPICAL SLAB/FOUNDATION DETAIL  
SCALE: NTS

NOTES:

1. ALL REINFORCING STEEL TO HAVE A MINIMUM YIELD STRENGTH OF 400 MPa. LAP REINFORCEMENT A MINIMUM OF 40 BAR DIAMETERS.
2. ANCHOR BOLTS TO BE MIN 1/2" DIA x 7" LONG SIMPSON WEDGE-ALL ANCHORS @ 48" o/c.
3. EXCAVATE EXISTING GROUND MATERIAL NO DEEPER THAN THE PROPOSED DEPTH OF THE UNDERSIDE OF EACH CLUB FOOTING TO UNDISTURBED SOIL. WHERE GRANULAR MATERIAL IS REQUIRED TO RAISE BOTTOM OF FOOTING TO REQUIRED GRADE, COMPACT GRANULAR MATERIAL TO 98% STANDARD PROCTOR IN 6" MAXIMUM LIFTS.
4. WHERE ORGANIC MATERIAL IS ENCOUNTERED BELOW GRADE LEVEL, EXCAVATE TO DEPTH OF MATERIAL & REMOVE. REPLACE WITH GRANULAR MATERIAL & COMPACT TO 98% STANDARD PROCTOR IN 6" MAX. LIFTS.
5. PERIMETER RIGID INSULATION TO BE 3" THICK, TYPE 2 EXTRUDED POLYSTYRENE INSULATION BOARD. RIGID INSULATION UNDER SLAB TO BE 2" THICK, TYPE 2 EXTRUDED POLYSTYRENE INSULATION BOARD WITH MIN. 15 Psf COMPRESSIVE STRENGTH
6. PERIMETER OF FOUNDATION TO BE INSULATED WITH MINIMUM 6' WIDE, 3" THICK TYPE 2, EXTRUDED POLYSTYRENE INSULATION AS SHOWN ON DRAWING.
7. PROVIDE A MINIMUM OF 3" CONCRETE COVER OVER REINFORCING STEEL WHERE CONCRETE IS IN CONTACT WITH SOIL AND MIN. 2" COVER ELSEWHERE.
8. PROVIDE ADEQUATE CHAIRING OF ALL REINFORCEMENT.
9. CONCRETE SLAB TO HAVE A MINIMUM 28 DAY STRENGTH OF 25 MPa. CONCRETE FOR SONO TUBE & PADS TO BE 15 MPa.
10. VIBRATION OF MECHANICAL MEANS MUST BE PROVIDED.
11. 1500 Psf DESIGN BEARING CAPACITY ASSUMED.
12. WHERE IN-FLOOR HEATING SYSTEM IS USED, INCREASE SLAB THICKNESS TO 5". DO NOT PLACE RIGID INSULATION UNDER BEARING SURFACES OF THE CLUB FOOTING
13. WORK TO BE DONE IN ACCORDANCE WITH THE LATEST VERSION OF THE NATIONAL BUILDING CODE



PAD/SONO TUBE DETAIL  
SCALE: NTS

MARK	DESCRIPTION	YR	MD	BY

**PW1-DI-GOO-ZING NE-YAA-ZHING ADVISORY SERVICES**  
 TECHNICAL SERVICES UNIT  
 P.O. BOX 522  
 FORT FRANCES, ONTARIO  
 P9A 3M8  
 1-807-274-8531



**NOTES & DETAILS**

Project Title: **REMOTE NORTHERN FIRST NATION HOUSING DESIGN CHARRETTE 3 BEDROOM**

DESIGN: L. K. BROVIERE  
 DATE: 10/04/21

SCALE: AS NOTED  
 SHEET NO. S3

