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**REQUIRED FOUNDATION/SLAB SIZE FOR VERTICALLY SHEETED HORSE BARN WITH FLUSH MOUNT SIDE WALL PURLINS**

***NOTE: ALL VERSATUBE FULLY ENCLOSED GARAGES ARE 2" LONGER.***

**DIMENSIONS ARE OUTSIDE TO OUTSIDE OF SLAB. THE SLAB OUT TO OUT DIMENSIONS MUST BE 3" WIDER AND 3" LONGER THAN THE BUILDING SIZE.**

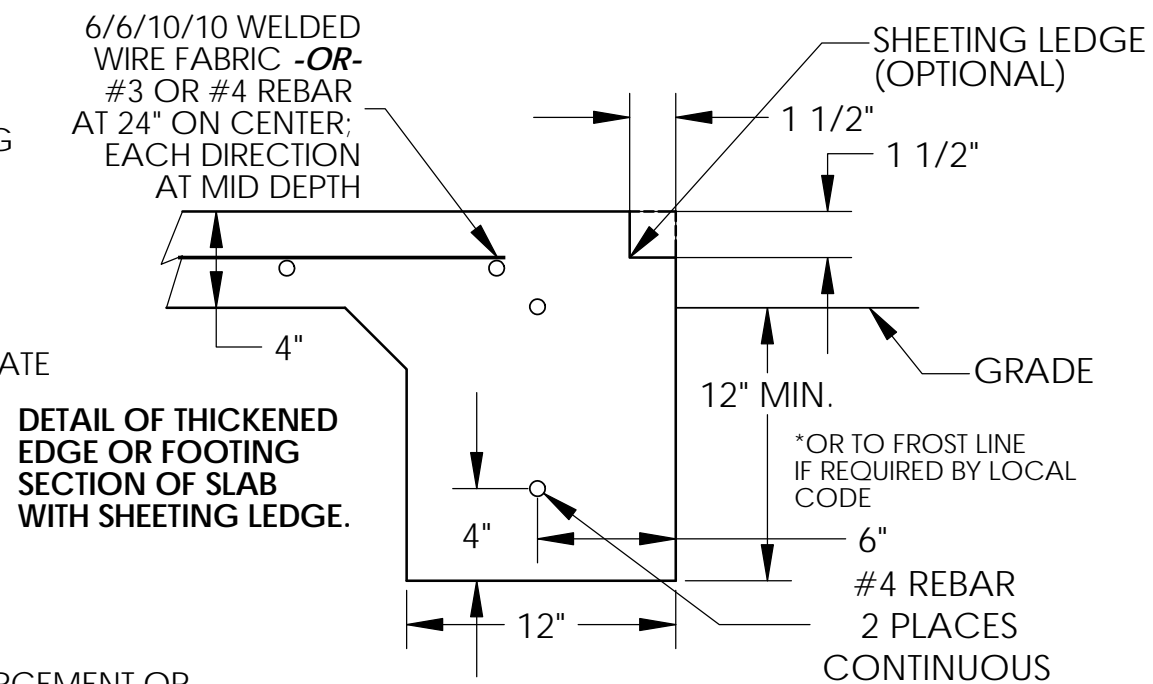
**EXAMPLE:  
20'W X 40'-2"L X 10'H BUILDING WOULD HAVE A SLAB DIMENSION OF 20'-3"W X 40'-5"L.**

FOR FURTHER QUESTIONS OR CONCERNS ABOUT BUILDING OR SLAB LENGTH, CONTACT A PRODUCT & DESIGN ENGINEER AT VERSATUBE TOLL FREE AT 1-800-900-7222.

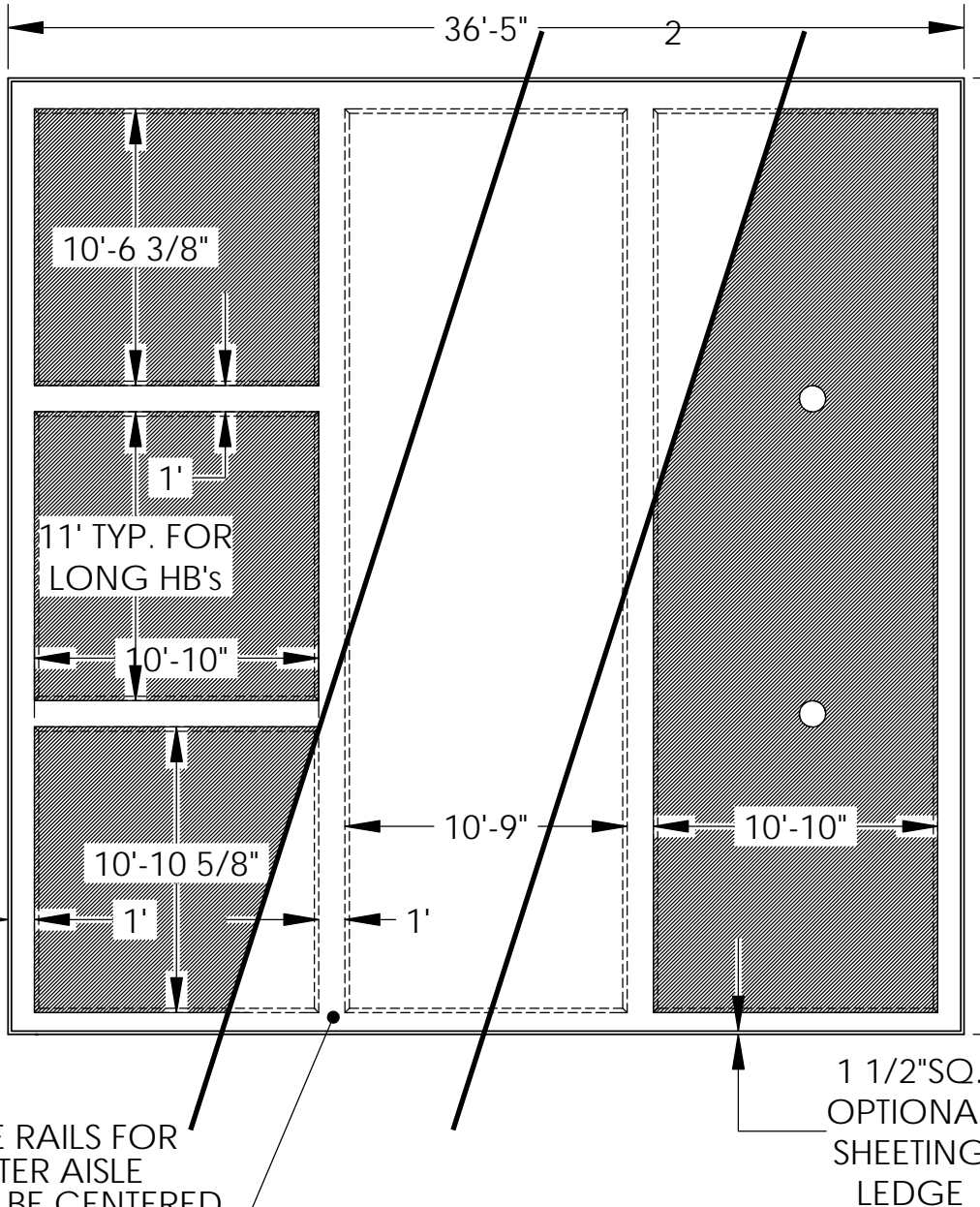
FRAME WxL	CONCRETE WxL (OUTSIDE DIM.)
36'-2" X 36'-2"	36'-5" X 36'-5"
36'-2" X 48'-2"	36'-5" X 48'-5"
36'-2" X 60'-2"	36'-5" X 60'-5"
36'-2" X 72'-2"	36'-5" X 72'-5"

**GENERAL FOUNDATION NOTES:**

1. MAXIMUM ALLOWABLE SOIL BEARING PRESSURE IS 1500PSF IN ACCORDANCE WITH APPLICABLE CODE. OWNER TO VERIFY THAT SOIL IS STABLE AND COMPACTED TO A MINIMUM OF 95% RELATIVE OPTIMUM VALUE.
2. MAXIMUM SIZE CONCRETE AGGREGATE SHALL BE 1" DIA.
3. MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS SHALL BE 2500 PSI.
4. PLACE REINFORCEMENT AT MID DEPTH FOR SLABS ON GRADE.
5. ALL SPLICES IN CONTINUOUS REINFORCEMENT OR REINFORCING SHALL HAVE A MINIMUM LAP OF 40 DIAMETERS. SPLICES IN ADJACENT BARS SHALL NOT BE LESS THAN 4'-0" APART. VERTICAL WALL BARS SHALL BE SPLICED AT OR NEAR FLOOR LINES. BARS MAY BE WIRED TOGETHER AT SPLICES OR LAPS EXCEPT FOR TOP REINF. OF BEAM AND SLABS, OR WHERE SPECIFICALLY DETAILED TO BE SEPARATED.
6. CONCRETE SHALL BE PLACED IN ACCORDANCE WITH THE LATEST ACI SPECIFICATIONS.

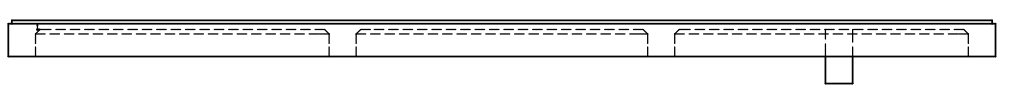


**THIS IS STRICTLY A SUGGESTED FOUNDATION DESIGN. OTHER ENGINEERED DESIGNS MAY BE SUBSTITUTED OR DICTATED BY YOUR MUNICIPALITY OR INSPECTOR.**



BASE RAILS FOR CENTER AISLE WILL BE CENTERED OVER FOOTINGS

1 1/2" SQ. OPTIONAL SHEETING LEDGE



(3) OPTIONS ARE SHOWN.

FAR LEFT - CONCRETE FOOTINGS UNDER EACH STALL DIVIDER WALL

CENTER - FULL SLAB WITH FOOTINGS

FAR RIGHT - CONCRETE SLAB IN CENTER, FOOTINGS AROUND OUTSIDE, PIERS UNDER STALL DIVIDER WALL



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES + .XX+ .XX + 1 - - .XXX+.XXX		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		VERSATUBE BUILDING SYSTEMS	
MATERIAL 2,500 PSI CONCRETE		APPROVALS	DATE	MONOSLAB FOUNDATION FOR SUMMIT STYLE GARAGES WITH 12'W CONT. SLOPE LEAN-TO	
FINISH		DRAWN STRICKER	6/3/15	SUMMIT WITH LEAN-TO FOUNDATION WITH SIZES	
DO NOT SCALE DRAWING		CHECKED		SIZE B	DWG. NO.
		RESP ENG		SCALE	CAD FILE
		MFG ENG		REV.	
		QUAL ENG		SHEET 1 OF 1	