



CODE INFORMATION

CODE VERSION	FBC 2023 8th Edition ASCE-7-22
MANUFACTURER	LARK BUILDERS
BUILDING TYPE	MANUFACTURED BUILDING RESIDENTIAL LAWN STORAGE
CONSTRUCTION TYPE	V-B
FIRE PROTECTION	NONE
FIRE SUPPRESSION SYSTEM	NONE
OCCUPANCY	UTILITY
ALLOWABLE NUMBER OF STORIES	1
BASIC WIND SPEED	V _{ult} -120/140/170mph
EXPOSURE	D
ENCLOSURE	ENCLOSED
INTERNAL PRESSURE COEFFICIENT	+/- 0.18
IMPORTANCE FACTOR	1.0
ROOF DEAD LOAD	10PSF
ROOF LIVE LOAD	30PSF OR 300lb POINT LOAD
FLOOR DEAD LOAD	10PSF
FLOOR LIVE LOAD	50PSF
"R" RATING OF WALLS, FLOOR, ROOF	N/A
MODULES PER BUILDING	1
HURRICANE PROTECTION USAGE	NO
HURRICANE SHELTER USAGE	NO
SQUARE FOOTAGE	719 SQ.FT. OR LESS

REVISIONS

REV	DESCRIPTION	DATE	BY
1	2020 FBC	12/31/20	MTB
2	CHAIN ANCHOR	4/5/22	MTB
3	2" GROUND ANCHOR	8/1/22	MTB
4	2023 FBC	2/2/24	MTB

Drawn By:	MTB
Date:	4/3/18
Scale:	N/A
Model#:	LARK BUILDERS

MASTER ANCHORING PLAN

Matthew T. Baldwin P.E.
Florida License #64608

Sheet: AP-1 OF 1

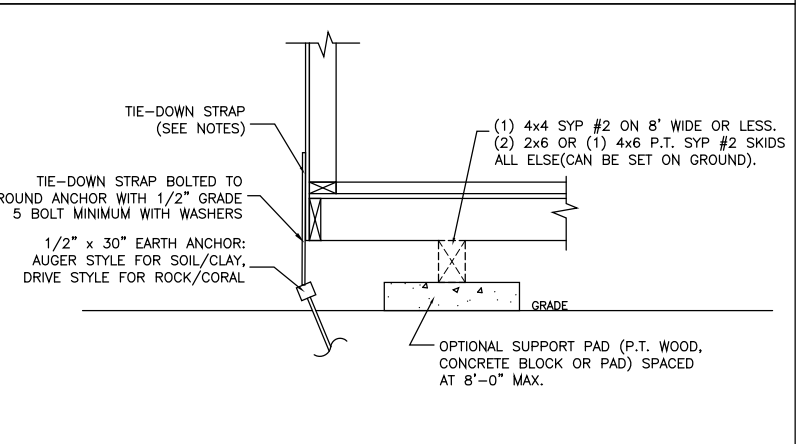
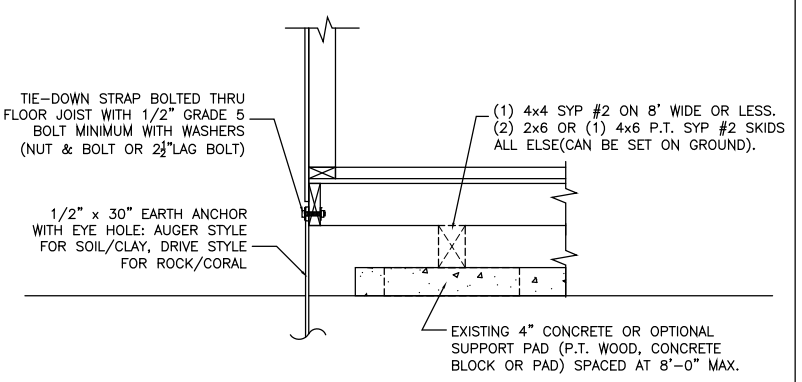
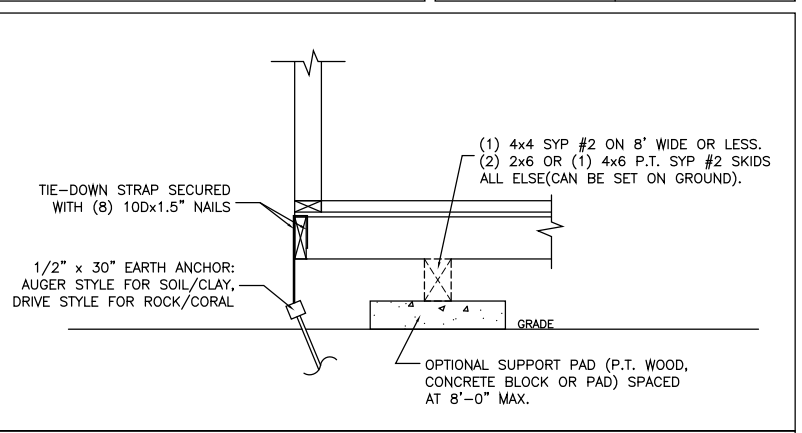
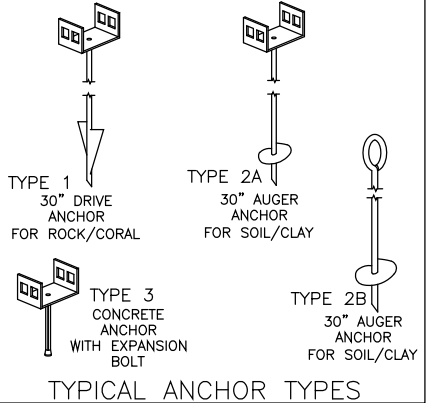
SHED WIDTH	MAXIMUM ANCHOR SPACING
UP TO 16'-0"	10'-0"
16'-1" TO 20'-0"	8'-0"
20'-1" TO 24'-0"	6'-0"

SHED WIDTH	MAXIMUM ANCHOR SPACING
UP TO 24'-0"	10'-0"

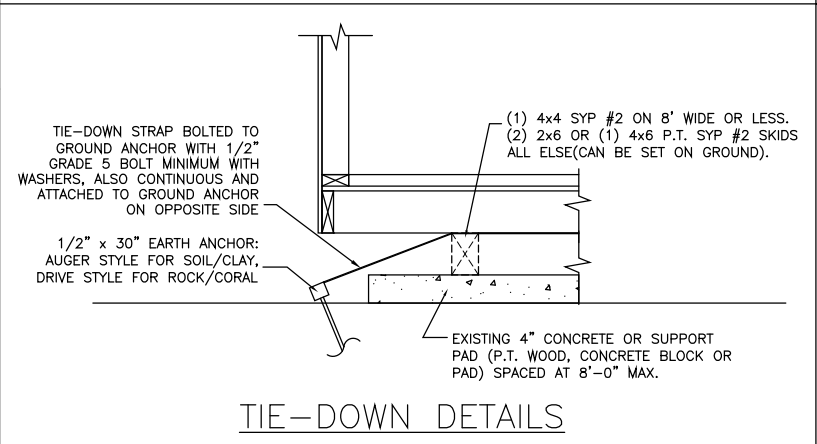
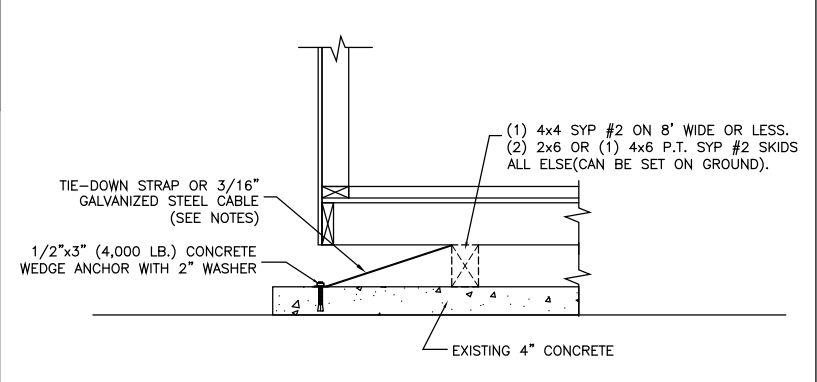
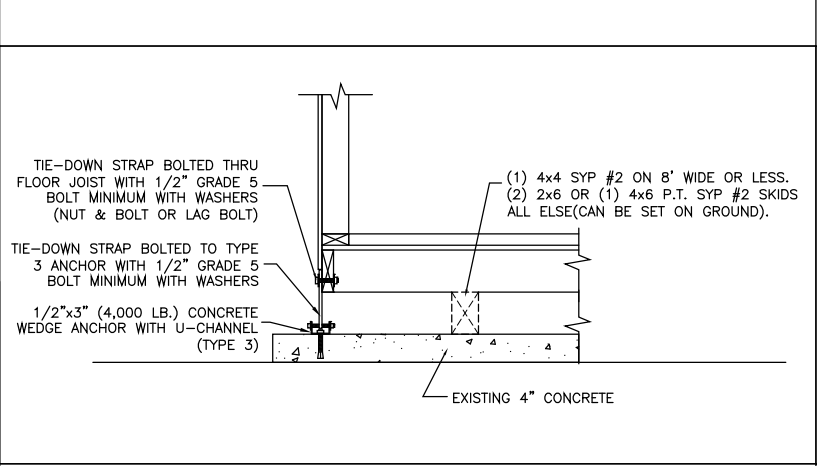
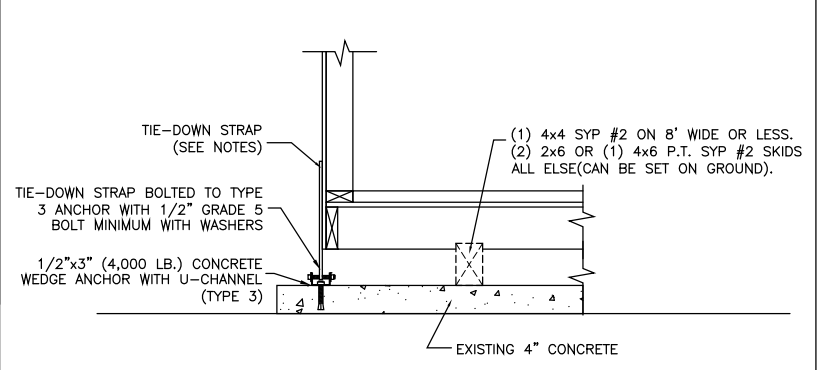
SHED WIDTH	MAXIMUM ANCHOR SPACING
24'-0"	6'-0"
20'-0"	7'-0"
16'-0"	7'-6"
14'-0"	8'-0"
12'-0"	9'-6"
10'-0"	10'-6"
8'-0"	12'-0"
6'-0"	12'-0"

SHED WIDTH	MAXIMUM ANCHOR SPACING
24'-0"	4'-0"
20'-0"	5'-0"
16'-0"	5'-6"
14'-0"	6'-0"
12'-0"	7'-6"
10'-0"	8'-6"
8'-0"	12'-0"
6'-0"	12'-0"

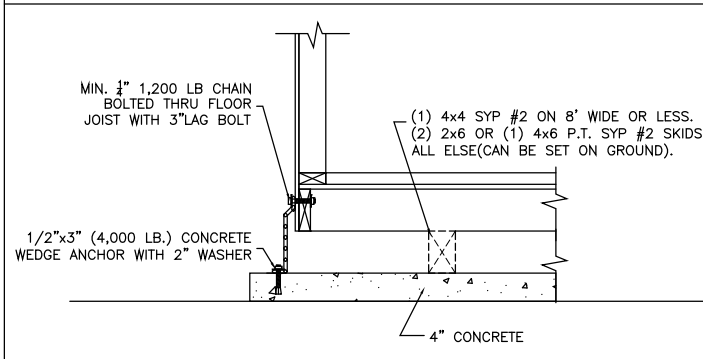
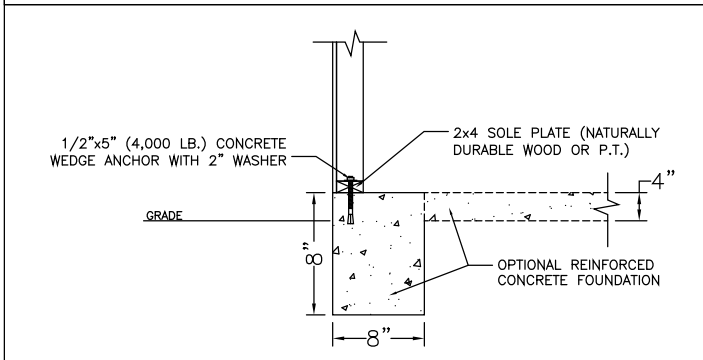
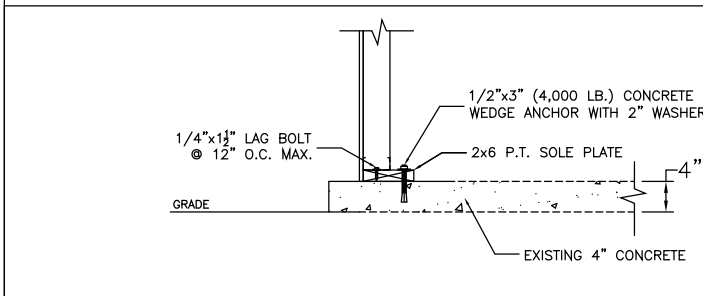
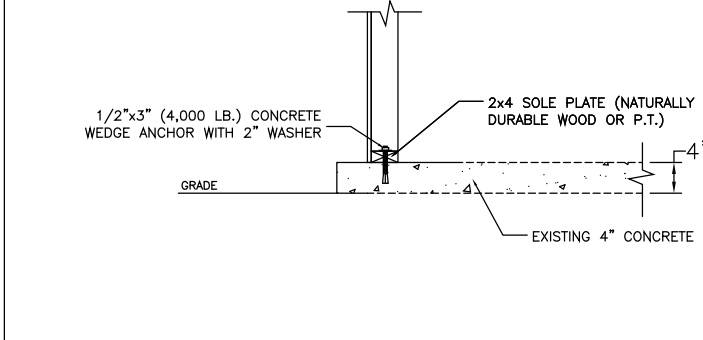
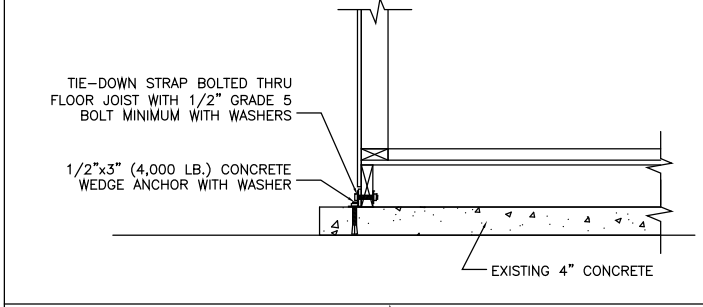
SHED WIDTH	MAXIMUM ANCHOR SPACING
24'-0"	3'-6"
20'-0"	4'-0"
16'-0"	5'-0"
14'-0"	5'-6"
12'-0"	7'-0"
10'-0"	8'-0"
8'-0"	10'-0"
6'-0"	12'-0"



SHED WIDTH	MAXIMUM ANCHOR SPACING
UP TO 16'-0"	10'-0"
16'-1" TO 24'-0"	8'-0"



TIE-DOWN DETAILS



- TIE-DOWN NOTES:
- ANCHOR SPACING IS DESIGNED AS PER ASCE-7.
 - ALL MEASUREMENTS ARE CENTER-TO-CENTER.
 - TIE-DOWN STRAPS TO BE MINIMUM 1-1/2" x 0.035" GALVANIZED STEEL, FEDERAL SPECIFICATIONS QQS-781-H, TYPE-1, FINISH-B, GRADE-1. TIE-DOWN STRAPS OR CABLE AND CONNECTING HARDWARE TO HAVE 4,725 LB. MINIMUM ULTIMATE CAPACITY (3,150 LB. x 1.5).
 - ALL EARTH ANCHORS SHALL HAVE A MINIMUM 4,300 LB. CAPACITY.
 - EARTH ANCHORS LOCATED AT EACH CORNER, MAXIMUM 16" FROM END (4 MINIMUM PER BUILDING), AND SPACED AS PER TABLE 2A,B,C DEPENDING ON SHED WIDTH, WIND SPEED, AND EXPOSURE. ANCHORS NOT NEEDED ON ENDS.
 - CONCRETE ANCHORS TO BE SPACED AS PER TABLE 1A,B,C DEPENDING ON SHED WIDTH, WIND SPEED, AND EXPOSURE.
 - CONCRETE ANCHORS TO HAVE A MINIMUM OF 4" COVER (DISTANCE FROM ANCHOR TO EDGE OF CONCRETE).
 - MINIMUM SOIL BEARING CAPACITY IS 2,000 PSF (TYP.)
 - EARTH ANCHORS AND CONCRETE ANCHORS MAY BE USED IN CONJUNCTION PROVIDED THAT THE SAME MAXIMUM SPACING IS FOLLOWED FOR EACH ANCHOR TYPE.
 - CONCRETE BLOCKS CAN BE OPTIONALLY CAPPED WITH APPROVED ABS CAP BOARDS (OLIVER TECHNOLOGIES, INC. MODEL#OTICB1, OTICB2 OR EQUIVALENT)
 - HOLLOW OR SOLID CONCRETE BLOCKS (8"x8"x16") MAY BE STACKED ON PADS FOR HIGH SETS UP TO 48" WITHOUT REINFORCING.
 - THE SHED WIDTH IS THE TRUSS WIDTH(GABLE END). THE SHED LENGTH IS DICTATED BY THE NUMBER OF TRUSSES.

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