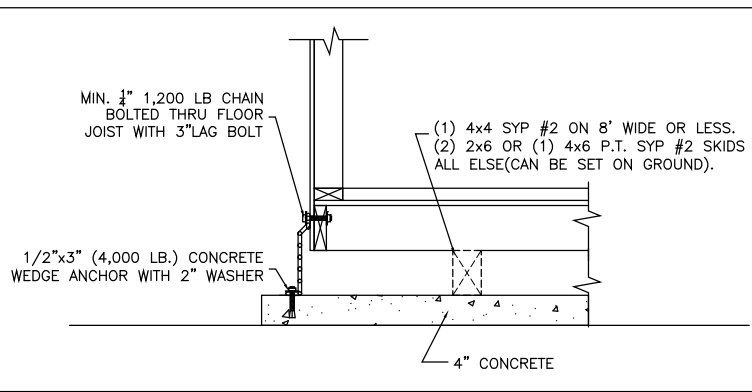
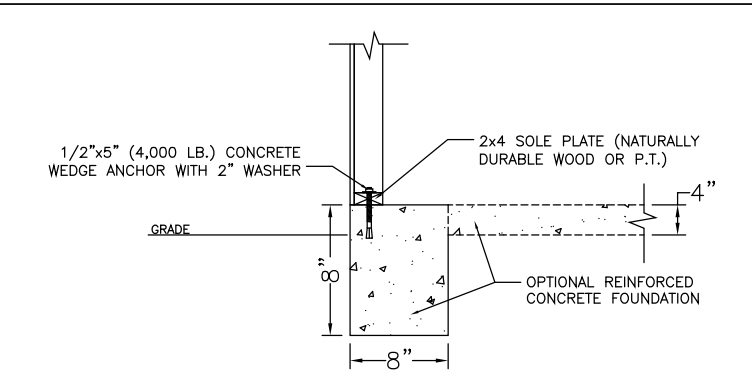
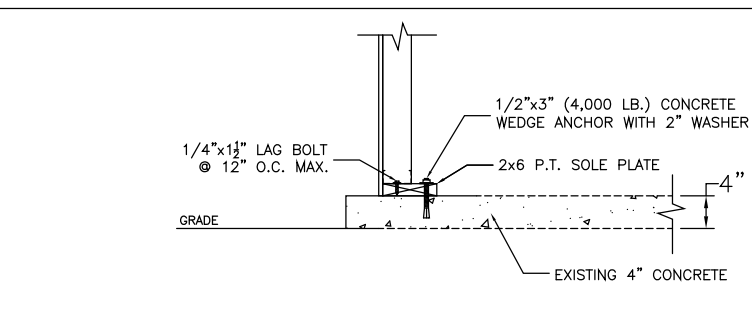
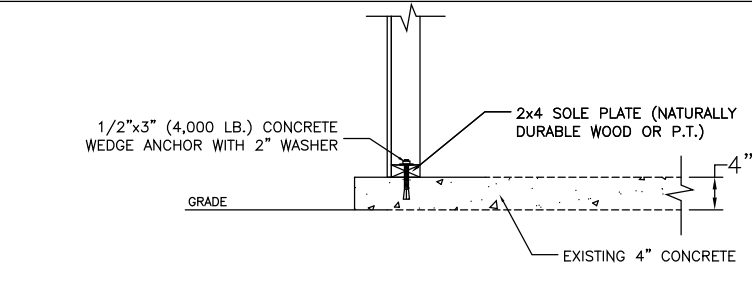
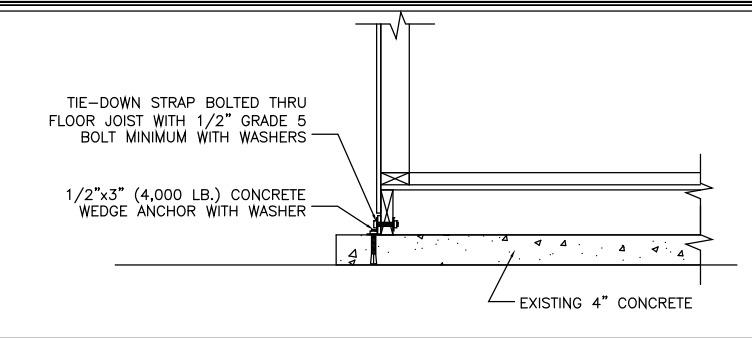




TIE-DOWN NOTES:

- ANCHOR SPACING IS DESIGNED AS PER ASCE-7.
- ALL MEASUREMENTS ARE CENTER-TO-CENTER.
- TIE-DOWN STRAPS TO BE MINIMUM 1-1/4" 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 2 SHED WIDTH. ANCHORS NOT NEEDED ON ENDS.
- CONCRETE ANCHORS TO BE SPACED AS PER TABLE 1 DEPENDING ON SHED WIDTH.
- CONCRETE ANCHORS TO HAVE A MINIMUM OF 4" COVER (DISTANCE FROM ANCHOR TO EDGE OF CONCRETE).
- MINIMUM SOIL BEARING CAPACITY IS 1,000 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.
- JOISTS/RUNNERS/BEAMS CAN BE EITHER #2 S.Y.P. OR 18 GAGE STEEL CHANNELS. THE STEEL CHANNEL ACTUAL DIMENSIONS MATCH THE WOOD ACTUAL DIMENSIONS AND ARE INTERCHANGEABLE.

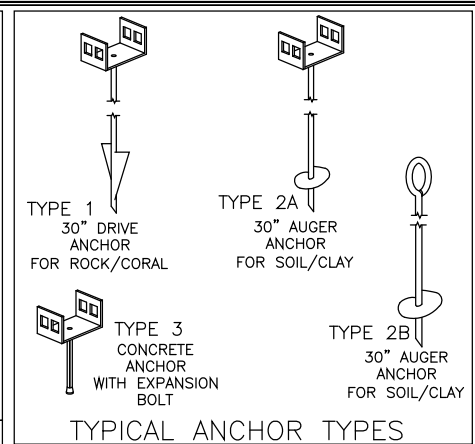
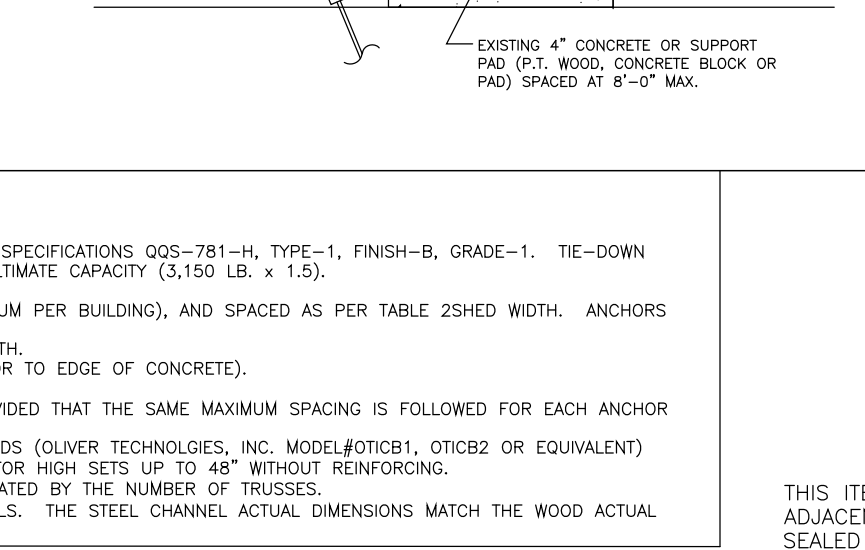
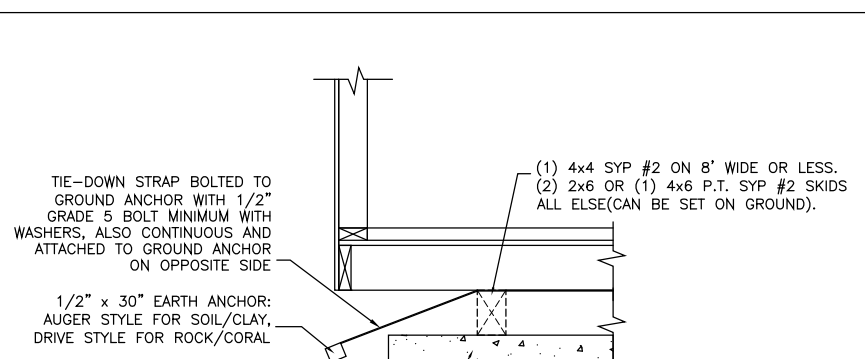
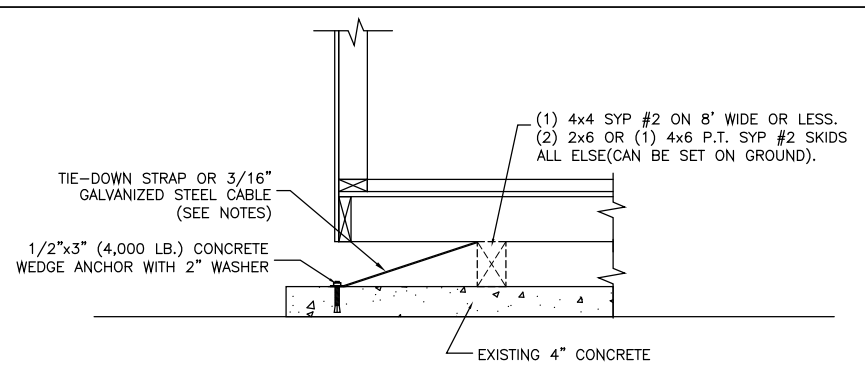
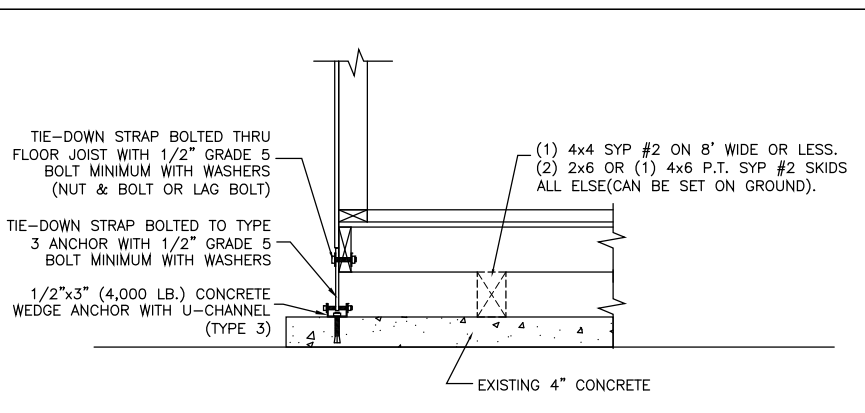
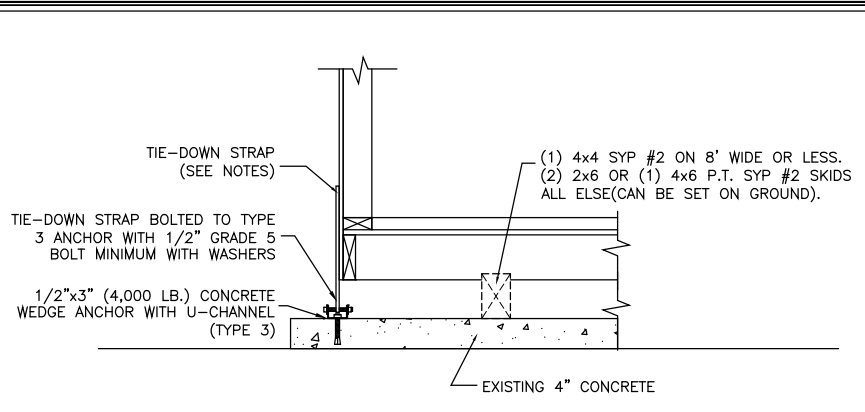
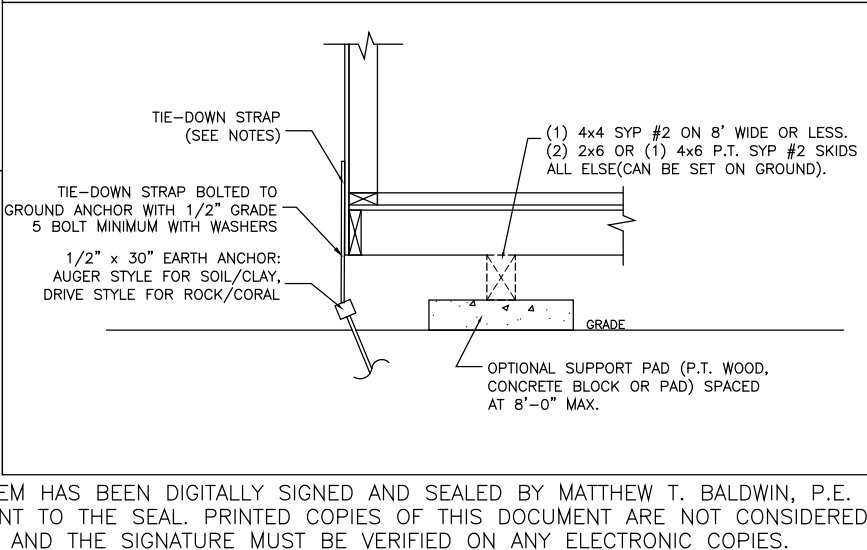
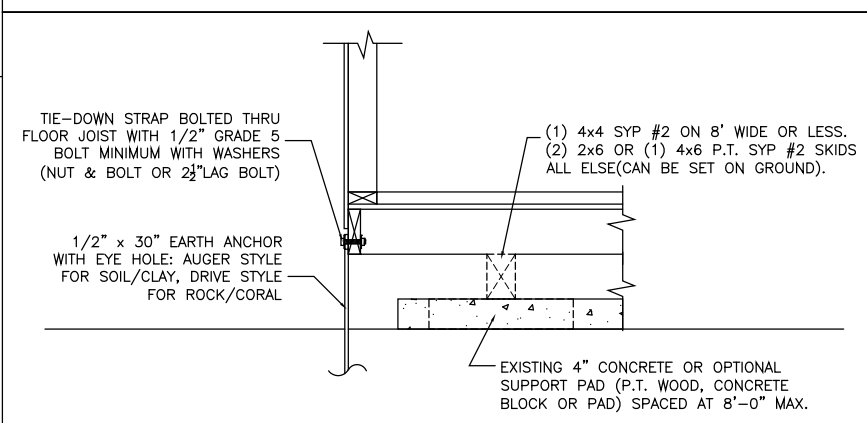
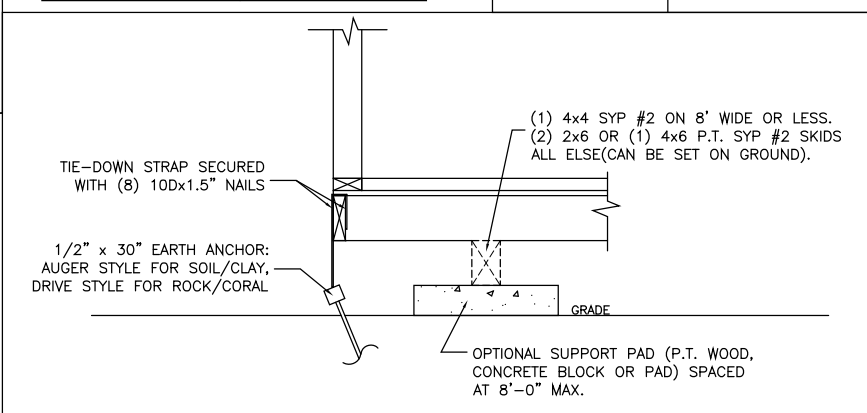


TABLE 2 - 180C	
30" AUGER ANCHOR SPACING	
SHED WIDTH	MAXIMUM ANCHOR SPACING
UP TO 16'-0"	10'-0"
16'-1" TO 20'-0"	8'-0"
20'-1" TO 24'-0"	6'-0"



TIE-DOWN DETAILS

TABLE 1C-180C	
ANCHORING TO CONCRETE	
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"



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} =180mph
EXPOSURE	C
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	3" 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

MATTHEW T. BALDWIN
LICENSE
NO. 64608
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MASTER ANCHORING PLAN

Digitally signed by Matthew Baldwin
Date: 2026.04.11 10:26:41 -04'00'
Matthew T. Baldwin P.E.
Florida License #64608

Sheet: AP-1 OF 1