GENERAL NOTES:

1. ALL DOOR AND WINDOW HEADERS TO BE 2-2X10 UNLESS OTHERWISE NOTED.
2. ALL INT. NON-LOAD BEARING HEADERS TO BE (2) 2X4 UNLESS OTHERWISE NOTED
3. ALL EXT. WOOD FRAMED WALLS SHALL BE 2X6 @ 16" O/C, DF STUD GRADE U.N.O.
4. ALL INT. WOOD FRAMED WALLS (BEARING & NON-LOAD BEARING) SHALL BE 2X4 @ 16" O/C, DF STUD GRADE U.N.O.
5. CAULK & COUNTER FLASH ALL EXT. OPENINGS: WINDOWS, DOORS, VENTS, ETC...
6. ALL ADDITIONAL BLOCKING, STUDS, TRIMMERS AND NAILERS NOT SPECIFIED SHOULD BE TYPICAL STUD MATERIAL.
7. ANCHOR BOLTS SHOULD EXTEND MIN. 3/4" ABOVE SILL PLATE FOR NUT AND WASHER INSTALLATION AS APPLICABLE.
8. GAP ALL SHEATHING AS PER MANUF. SPECS. INSTALL H-CLIPS ON 7/16 OSB OR 1/2 PLY ROOF SHEATHING.
9. 5/16" X 6-1/4" HARDIPLANK® LAP SIDING WITH MIN. 1-1/4" OVERLAP (5" EXPOSURE) W/ 7/16" OSB SHEATHING AND 15# FELT OR TYVEX HOUSEWRAP VAPOR BARRIER.
10. EXT. TRIM 5/4 X 4 PREPRIMED SPRUCE AT DOORS AND CORNERS.
11. USE ICE AND WATER SHIELD CONSISTING OF ONE LAYER OF NO.40 COATED ROOFING OR COATED GLASS BASE 24" INSIDE EXT. WALL LINE OF THE BUILDING.
12. ROOF SHEATHING TO BE 15/32" CDX (APA 32/16 RATED) PLYWOOD WITH EXTERIOR GLUE OR 7/16" (APA 24/16 RATED) OSB. NAILED W/ 8D NAILS @ 6" O/C EDGES AND 12" O/C FIELD.
13. GALVANIZED DRIP FLASHING, GUTTERS AND DOWNSPOUTS WITH DRAIN OR SPLASH BLOCKS AS REQUIRED BY CODE.
14. PRE-FABRICATED TRUSSED MEMBERS TO BE DESIGNED BY APPLICABLE STATE LICENSED ENGINEER IN ACCORDANCE WITH REQUIREMENTS SHOWN IN PLANSET. CONTRACTOR SHALL VERIFY AS-FRAMED DIMENSIONS AND CONDITIONS PRIOR TO TRUSS FABRICATION AND COORDINATE AS REQUIRED. ALL TRUSS ENGINEERING DATA SHALL BE MADE AVAILABLE TO THE BUILDING OFFICIAL UPON REQUEST AND BECOMES A PART OF THIS PLANSET.
15. CONTRACTOR TO VERIFY SIZE AND LOCATION OF ALL OPENINGS IN FLOOR, ROOF AND WALLS AND COORDINATE WITH PLUMBING, ELECTRICAL AND MECHANICAL WORK.
16. ALL EXT. DOORS TO BE A MIN. 3'-0" WIDE AND 6'-8" HIGH U.N.O.
17. PROVIDE FIRE STOPS AT ALL CONCEALED DRAFT OPENINGS.
18. PROVIDE WASHERS ON ALL BOLTED CONNECTIONS.
19. PROVIDE ATTIC DRAFT STOP W/ 7/16" OSB ONE SIDE OF TRUSS EVERY 3,000 SQFT (PER 2012 IBC 718.4.3).
20. ALL SIMPSON STRONG TIE HARDWARE TO BE INSTALLED WITH STRICT ACCORDANCE TO MANUF. INSTALLATION REQS. SEE INSTALLER GUIDE: S-C-INSTALL14.
21. INSULATE EXT. WALLS TO R-21, ROOF/CEILING TO R-38.
22. AT EACH ENDWALL PROVIDE 24"X36" HINGED DOOR (W/ VENT LOUVERS) FOR ATTIC ACCESS IN LIEU OF CEILING ACCESS IN STORAGE UNITS.
23. CEILING AND INTERIOR WALLS OF STORAGE UNITS FULLY SHEATHED WITH 7/16" (APA 24/16 RATED) OSB W/ 8D NAILS @ 6" O/C EDGES AND 12" O/C FIELD.
24. EXT. FIBERGLASS (SWING) DOORS SHALL BE SMOOTH FIBERGLASS STANDARD (FLUSH) W/ POLYURETHANE CORE.
25. OVERHEAD DOORS SHALL BE INSULATED HEAVY DUTY ROLLING SERVICE DOORS WITH POLYURETHANE FOAMED-IN-PLACE SLATS AND A THERMAL RESISTANCE OF R-11 (WAYNE DALTON CLASSIC STEEL MODEL 9600).
26. CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS, MATERIALS AND DIMENSIONS IN THE FIELD.

DOOR AND FRAME SCHEDULE

DOOR LETTER	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SWING	DOOR MATL	DOOR FINISH	FRAME MATL	FRAME FINISH	HARDWARE	NOTES
A	8'-0"	7'-0"	N/A	PSI	MFG	WOOD	PAINT	2	10X20, 10X10 UNITS
B	3'-0"	6'-8"	LH	SFF	MFG	WOOD	PAINT	1	10X5 UNITS

ABBREVIATIONS:
RH = RIGHT HAND LH = LEFT HAND MFG = BY MANUFACTURER

DOOR TYPE SPECIFICATIONS:
PSI = POWDER COATED STEEL INSULATED DOOR (POLYURETHANE CORE)
SFF = SMOOTH FIBERGLASS (FLUSH) ENTRY DOOR

DOOR HARDWARE SCHEDULE:

1. HARDWARE SET (10'X5' STORAGE UNITS, SINGLE ENTRY FIBERGLASS SWING DOOR W/ PADLOCK)

HINGES	3 EACH	FBB BB81 4.5X4.5 NRP
HANDLE	1 EACH	EVERBILT 5-3/4" BLACK DOOR PULL
LATCH	1 EACH	SLIDING BOLT DOOR LATCH /W PADLOCK
THRESHOLD	1 EACH	5-3/4" X 1/2" AL 6063-T5

2. HARDWARE SET (10'X10' & 10'X20' STORAGE UNITS, OVERHEAD DOOR W/ PADLOCK)

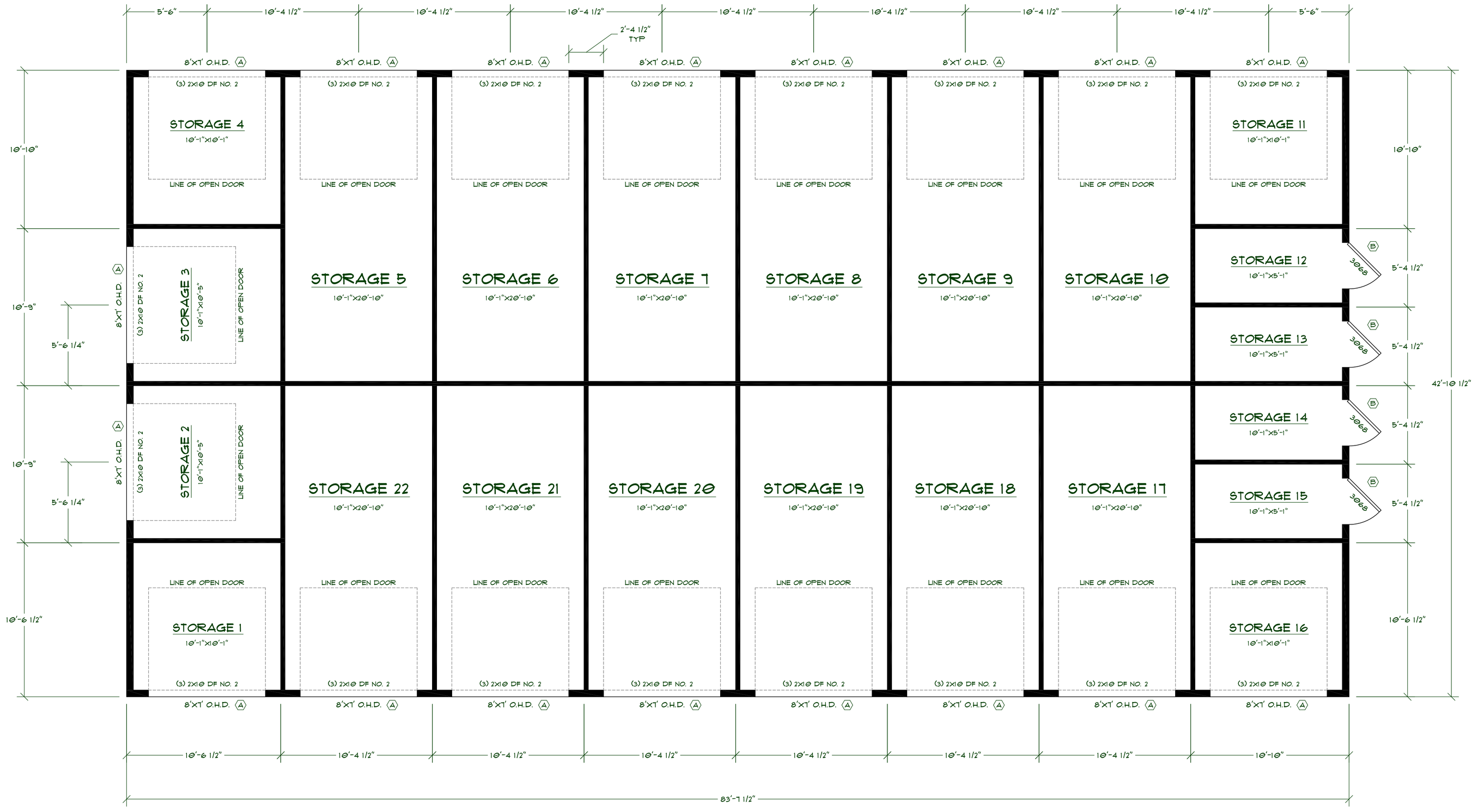
LATCH	1 EACH	SLIDING BOLT DOOR LATCH W/ PADLOCK

ALL PADLOCKS TO BE KEYED TOGETHER. PROVIDE A MIN. OF THREE KEYS.

BUILDING CODE COMPLIANCE

THIS STRUCTURAL DESIGN WAS PREPARED TO COMPLY WITH THE REQUIREMENTS OF THE FOLLOWING INDUSTRY CODES. LOCAL BUILDING CODES MAY REQUIRE MODIFICATIONS TO BOTH MATERIALS AND DESIGN.

2012 IBC
ASCE 7-10
ANSI TPI 1-2007
GA-600-2012
AWC NDS 2012
ACI 318-11
WSEC 2012



BUILDING DATA

LENGTH: 83'-7 1/2"
WIDTH: 42'-10 1/2"
STUD WALL HEIGHT: 8'-1"
GRADE TO RIDGE HEIGHT: 16'-2"
EAVE HEIGHT: 8'-6"
TOTAL AREA: 3,585 SQFT

DESIGN CRITERIA

GROUND SNOW LOAD: 25 PSF
FROST LINE DEPTH: 12"
OCCUPANCY CLASSIFICATION: S-1
RISK CATEGORY: II
SNOW IMPORTANCE FACTOR: 1.0
WIND SPEED: 135 MPH (ULT)
TERRAIN EXPOSURE: C
WIND IMPORTANCE FACTOR: 1.0
WIND FACTOR ASD: 0.6
SITE CLASS: D (STIFF SOIL)
SEISMIC DESIGN CATEGORY: D
SEISMIC FACTOR ASD: 0.1
SEISMIC IMPORTANCE FACTOR: 1.0
FP CONSTRUCTION TYPE: V-B
SOIL BEARING CAPACITY: 1500 PSF

DESIGN LOADS

FLOOR DEAD LOAD: 10 PSF
FLOOR LIVE LOAD: 40 PSF
ROOF TC DEAD LOAD: 7 PSF
ROOF BC DEAD LOAD: 5 PSF
CEILING DEAD LOAD: 5 PSF
ROOF LIVE LOAD: 20 PSF
ROOF SNOW LOAD (P_s): 19.3 PSF
STAIR LIVE LOAD: 40 PSF
DECK LIVE LOAD: 60 PSF

FLOOR PLAN

SCALE: 1/4"=1'-0"

ELECTRICAL OUTLET AND LIGHTING LAYOUT BY OWNER

NOTE:

FLOOR PLANS DIMENSIONS ARE TO FACE OF FRAMING OR CENTERLINE OF OPENINGS TYP. AS SHOWN.

ATTENTION !

IT IS IMPORTANT FOR THE GENERAL CONTRACTOR TO UNDERSTAND THAT IT IS HIS/HER RESPONSIBILITY TO BE SURE THIS PROJECT IS CONSTRUCTED IN FULL COMPLIANCE WITH ALL STATE AND LOCAL CODES AND ORDINANCES. THE PLANS ARE NOT ALL INCLUSIVE OF ALL MINIMUM CODES AND ORDINANCES. THIS FACT DOES NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH ALL MINIMUM STANDARDS. NO OMISSION FROM THESE PLANS GIVES PERMISSION FOR VIOLATION OF ANY CODE OR ORDINANCE. NO APPROVAL EVER GRANTS PERMISSION TO VIOLATE ANY CODE OR CITY ORDINANCE.

THE GREATEST EFFORT HAS BEEN MADE TO DRAW THESE PLANS WITHOUT ERROR, HOWEVER THERE IS NO GUARANTEE THAT THESE PLANS ARE WITHOUT ERROR. THE ARCHITECT, DRAFTSMAN & ENGINEER ARE TO BE HELD HARMLESS OF ANY FINANCIAL LIABILITY RESULTING FROM ERRORS IN THESE PLANS. ANY ONE USING THESE PLANS FOR CONSTRUCTION OF THIS BUILDING ACCEPT FULL RESPONSIBILITY. (CHECK PLANS CAREFULLY BEFORE AND DURING CONSTRUCTION.)

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PLAN NO.
STORAGE8443
MINI-STORAGE BLDG.
SCALE: 1=8
REVISION: A, 1

DESIGNED BY: NPW
DRAWN BY:
DATE: 1/21/2015

SHEET CONTENTS: FLOOR PLAN
REVISION HISTORY:
CUSTOMER:
LOCATION:
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