



COLUMBIA
COUNTY

CONSTRUCTION DOCUMENTS FOR:
LAKE CITY MINI STORAGE EXPANSION
COLUMBIA COUNTY, FL
SECTION 18, TOWNSHIP 4S, RANGE 17E

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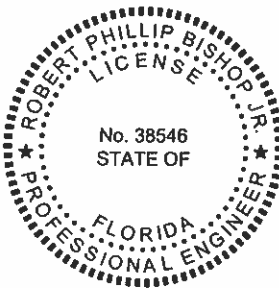


NORTH & SOUTH ELEVATIONS



EAST & WEST ELEVATIONS

BUILDING NOS. 700, 800, 900 & 1000 ELEVATIONS



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND
SEALED BY:

Robert P Bishop

Digitally signed by Robert P Bishop
DN: cn=Robert P Bishop,
o=North Florida Professional Services
INC., c=US
Date: 2020.06.11 18:01:56-0400

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND SEALED. THE
SIGNATURE MUST BE VERIFIED IN THE
ELECTRONIC DOCUMENTS.

NORTH FLORIDA PROFESSIONAL SERVICES, INC.
P.O. BOX 3823
LAKE CITY, FL 32056
CERTIFICATE OF AUTHORIZATION: 29011
ROBERT PHILLIP BISHOP, JR., P.E. NO. 38546

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.
SHEET Nos 1-4

PLANS PREPARED FOR:

MINI STORAGE & RECORD
STORAGE OF LAKE CITY
442 SW SAINT MARGARET ST
LAKE CITY, FL 32025
386-752-7092

North Florida Professional Services, Inc.
P.O. BOX 3823
Lake City, FL 32025
Tallahassee, FL 32318
Ph. 877-535-1525
Eng. Lic. 29011
Ph. 386-752-4675
Fax. 386-752-4674



COVER SHEET

REVISIONS:

DESIGNED BY: JC	CHECKED BY: RB
DRAWN BY: RB	DATE: 06/2020
ENGINEER OF RECORD: RB	SHEET NO. 1
ROBERT PHILLIP BISHOP, JR.	
P.E. NO. 38546	

GENERAL CONSTRUCTION NOTES

GENERAL NOTES

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DETAILS SHOWN. NOTIFY THE ENGINEER OF ANY CHANGES OR MODIFICATIONS TO THE PLANS.
2. ALL CONSTRUCTION, EQUIPMENT AND FINISHES SHALL MEET OR EXCEED ALL LOCAL CODES, FLORIDA BUILDING CODE, NFPA 101 LIFE SAFETY CODE AND ALL OTHER GOVERNING CODES AND REVISIONS.
3. DO NOT USE ANY MATERIALS CONTAINING ASBESTOS.
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DETAILS SHOWN AND NOTIFY THE ENGINEER OF ANY CHANGES OR MODIFICATIONS.
5. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE TO INSURE THAT ALL NEW WORK WILL FIT IN THE MANNER INTENDED AND ON THE PLANS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF SUCH DIFFERENCES IMMEDIATELY AND PRIOR TO PROCEEDING WITH THE WORK.
6. ANY WOOD OR TIMBER THAT COMES IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
7. SEE STRUCTURAL DRAWINGS FOR ALL SIZES, SHAPES AND CONDITIONS OF ALL STRUCTURAL MEMBERS, CONNECTIONS FOOTINGS, BRACING, AND REINFORCING
8. ALL INTERIOR FINISHES SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE AND LIFE SAFETY CODE, NFPA 101 SECTION 7.14.
9. ALL FLOOR FINISHES SHALL BE LEVEL AND SHALL AVOID ANY CHANGES IN ELEVATION GREATER THAN 1/2" INCLUDING DOOR THRESHOLDS AND STEP DOWNS AT EXTERIOR AND INTERIOR DOORS.
10. FOUNDATION WATER-PROOFING AND MOISTURE BARRIER TO CONSIST OF 6-MIL PLASTIC POLYETHYLENE. ALL LAPS SHALL BE A MINIMUM OF 12".
11. FINAL LOCATION, SIZE AND PLACEMENT OF ALL PLUMBING, ELECTRICAL AND MECHANICAL COMPONENTS SHALL BE DETERMINED BY A LICENSED ELECTRICAL OR MECHANICAL CONTRACTOR IN ACCORDANCE WITH CHAPTER 471 FLORIDA STATUTES.

STRUCTURAL NOTES

STRUCTURAL DESIGN CRITERIA

1. ALL WORK HAS BEEN DESIGNED FOR THE FOLLOWING LOADS AND SPECIFICATIONS APPLIED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FLORIDA BUILDING CODE AND ACI 318.
2. DESIGN LOADS:
 - 2.1 WIND LOAD = 120 MPH

CONCRETE NOTES

1. SOIL BEARING= 2500 PSF (MINIMUM).
2. FILL AND COMPACTION: ALL FILL MATERIAL SHALL BE CLEAN, WELL DRAINED SAND WITH NOT MORE THAN 10% PASSING THE No. 200 STANDARD SIEVE. ALL FILL MATERIAL SHALL BE COMPACTED TO 95% OF THE MODIFIED MAXIMUM DRY DENSITY AS DETERMINED BY ASTM T-180.
3. CONCRETE COMPRESSIVE STRENGTH AND SLUMP:

THE MINIMUM 28-DAY COMPRESSIVE STRENGTH AND SLUMP OF CONCRETE SHALL BE AS FOLLOWS:

FOUNDATIONS AND FLOOR SLAB: $f_c' = 3000$ PSI SLUMP: 2"-5"

SIDEWALKS AND CONCRETE PAVEMENT: $f_c' = 2500$ PSI SLUMP: 3"-6"

ALL CONCRETE SHALL BE MIXED IN ACCORDANCE WITH THE LATEST EDITIONS OF ACI 315 AND ACI 318.
4. REINFORCING STEEL:

ALL LAP SPLICES SHALL BE A MINIMUM OF 24" OR AS SPECIFIED ON THE PLANS. REINFORCING STEEL BARS - ASTM A-615 GRADE 40

WELDED WIRE FABRIC - ASTM A-185
5. UNLESS OTHERWISE NOTED ON THE PLANS, ALL SLABS ON GRADE SHALL BE REINFORCED WITH ONE LAYER OF 6X6X10/10 WELDED WIRE FABRIC PLACED AT 1/3 THE THICKNESS OF THE SLAB FROM THE BOTTOM OF THE SLAB.

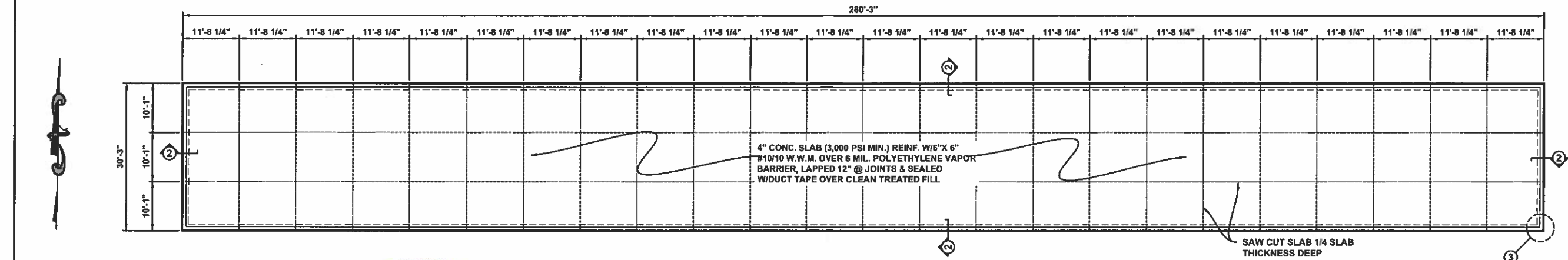
JOB NUMBER: L180115MIN	
DESIGNED BY: RB	CHECKED BY: RB
DRAWN BY: JC	DATE: 06/2020
ENGINEER OF RECORD: ROBERT PHILLIP BISHOP JR. P.E. NO. 36546	

REVISIONS:

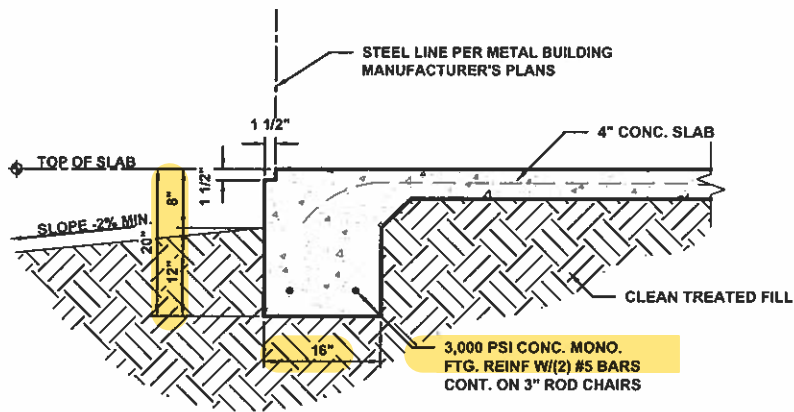
GENERAL NOTES
LAKE CITY MINI STORAGE EXPANSION
COLUMBIA COUNTY, FL



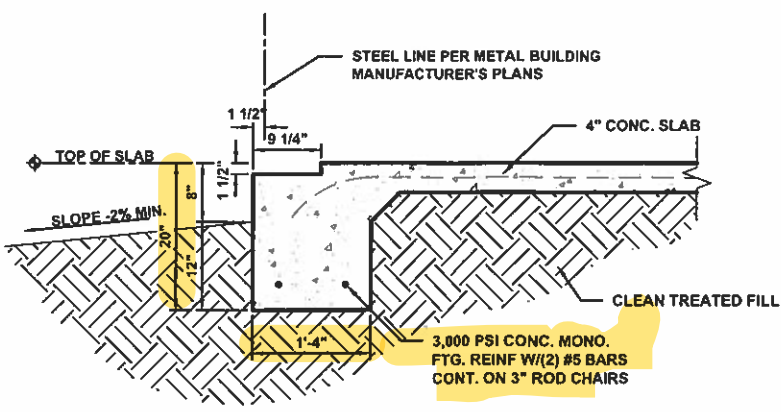
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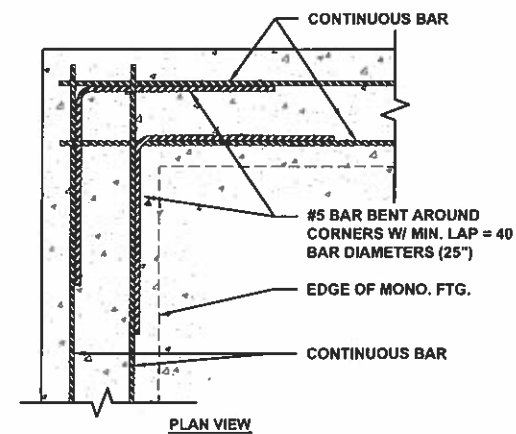
FOUNDATION PLAN BUILDING NOS. 700, 800, 900 & 1000
SCALE: NTS



1 FOOTING SECTION
SCALE: 1/2" = 1'-0"



2 FOOTING SECTION
SCALE: 1/2" = 1'-0"



3 REBAR CORNER LAP DETAIL (TYP.)
SCALE: 1/2" = 1'-0"

CODE DATA:
FLORIDA BUILDING CODE 2017 6TH EDITION
DESIGN WIND SPEED: 120 MPH
RISK CATEGORY: II
EXPOSURE: B

NOTE: SEE SITE PLAN FOR BUILDING
LOCATION & ORIENTAION

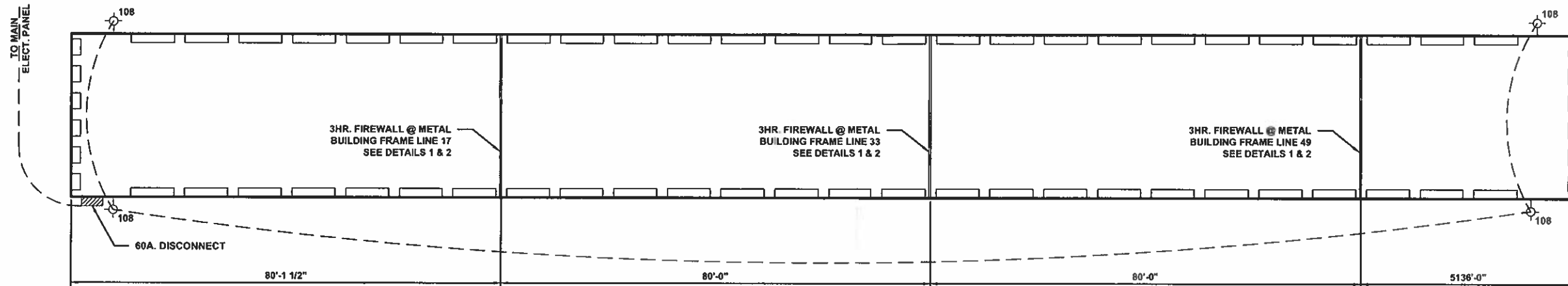
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FOUNDATION PLAN BLDG. NOS. 700, 800, 900 & 1000
LAKE CITY MINI STORAGE EXPANSION
COLUMBIA COUNTY, FL

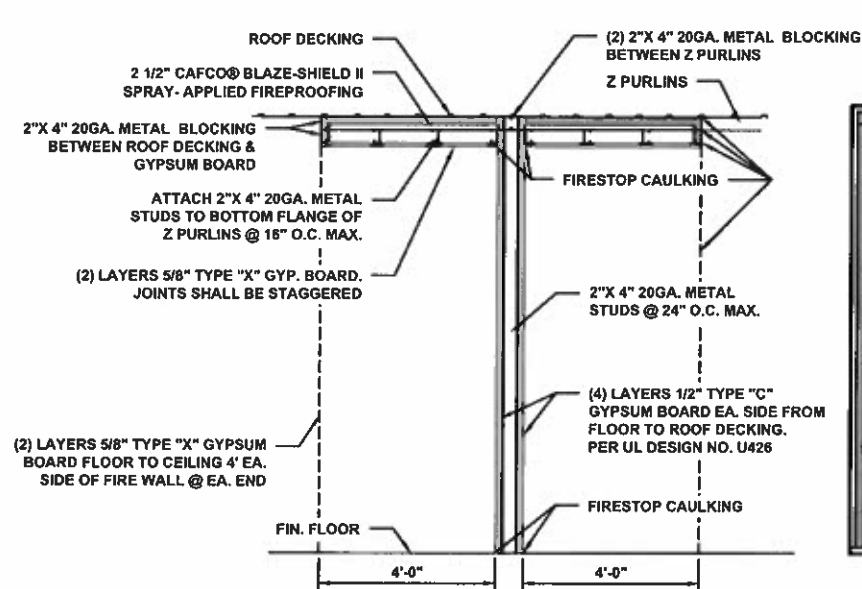
REVISIONS:

JOB NUMBER: L180115MIN
DESIGNED BY: RB
DRAFTED BY: JC
CHECKED BY: RB
ENGINEER OF RECORD:
ROBERT PHILLIP BISHOP JR.
P.E. NO. 38545
DATE: 06/20/2020
SHEET NO. 3

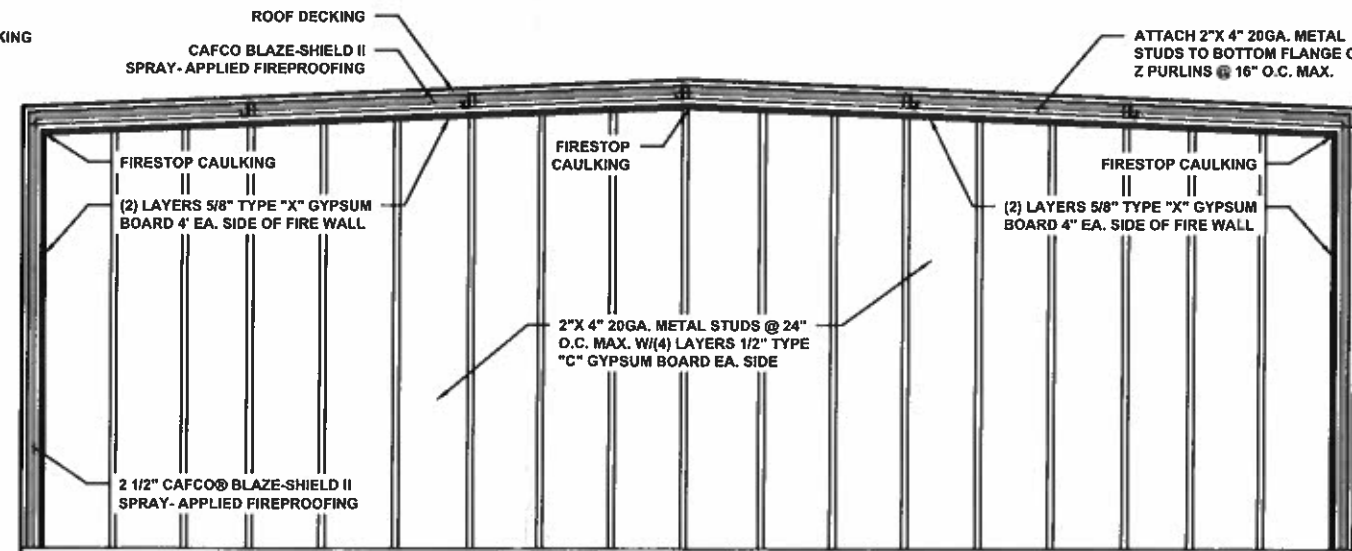


ELECTRICAL PLAN BLDG. NOS. 700, 800, 900 & 1000
SCALE: NTS

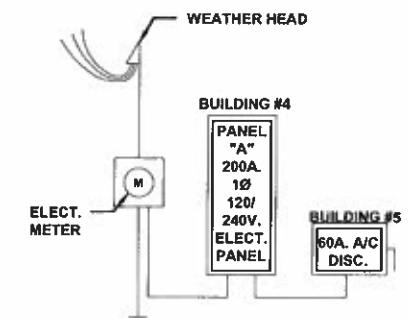
- ELECTRICAL NOTES:**
1. WIRE, CONDUIT, & PANEL SIZES TO BE DETERMINED BY ELECT. CONTRACTOR.
 2. EXTERIOR LIGHT FIXTURES AS CHOSEN BY OWNER.



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



2 FIREWALL SECTION
SCALE: 1/4" = 1'-0"



ELECTRIC RISER DIAGRAM
SCALE: NTS