

LIFE-SAFETY INFORMATION

APPLICABLE CODES FOR AREAS OF IMPROVEMENT
 NFPA 101 LIFE-SAFETY CODE 2012
 OCCUPANCY INDUSTRIAL AND BUSINESS, SEPARATED USE; CONSTRUCTION TYPE V B
 STORAGE OCCUPANCIES (CHAPTER 42)
OCCUPANT LOAD FACTOR (REFERENCE TABLE 7.3.1.2)
 STORAGE USE 752 S.F. 500 SF PER OCCUPANT = 1.5 OCCUPANTS
CONSTRUCTION TYPE(S) (REFERENCE: CHAPTERS, TABLE A.8.2.1.2 AND COMMENTARY TABLE 8.1 IN HANDBOOK)
 V B
MINIMUM EXIT SEPARATION DISTANCE FOR REMOTELY LOCATED EXITS
 (REFERENCE: SECTION 7.5; SPECIFY 1/2 OR 1/3 DIAGONAL DISTANCE OF AREA SERVED)
 MODERATE STORAGE - 1/2 DIAGONAL = 25.4 FT. SINGLE EXIT REQUIRED
MAXIMUM DEAD-END CORRIDORS ORDINARY STORAGE = 50 FT (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)
MAXIMUM COMMON PATH OF TRAVEL DISTANCE ORDINARY STORAGE = 50 FT (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)
MAXIMUM TRAVEL DISTANCE TO EXITS ORDINARY STORAGE = 200 FT (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)
EXTINGUISHMENT REQUIREMENTS SPRINKLER (NOT REQUIRED)
DETECTION, ALARM, AND COMMUNICATION SYSTEMS NO
ALLOWABLE HEIGHT AND BUILDING AREA PER IBC EQUIVALENT CONSTRUCTION TYPE

BUILDING CODE INFORMATION

APPLICABLE CODES: IBC 2012
 MODERATE-HAZARD STORAGE, GROUP S-1 = 752 SQ. FT. (SECTION 311.2) 500 SF PER OCCUPANT (GROSS) 1.5 OCCUPANTS
CONSTRUCTION TYPE(S): V B (SECTION 602.5) (TABLE 1004.1.2)
ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION
 MAXIMUM HEIGHT IN STORES (SECTION 503 & 504, TABLE 503) S1: 1 STORY FOR TYPE IIB CONSTRUCTION
 MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 503) S1: 9,000 S.F. FOR TYPE IIB CONSTRUCTION
 SPRINKLER: NOT REQUIRED EXIT ACCESS TRAVEL DISTANCE FOR S-1 = 200 FT

WIND SPEED DESIGN REQUIREMENTS

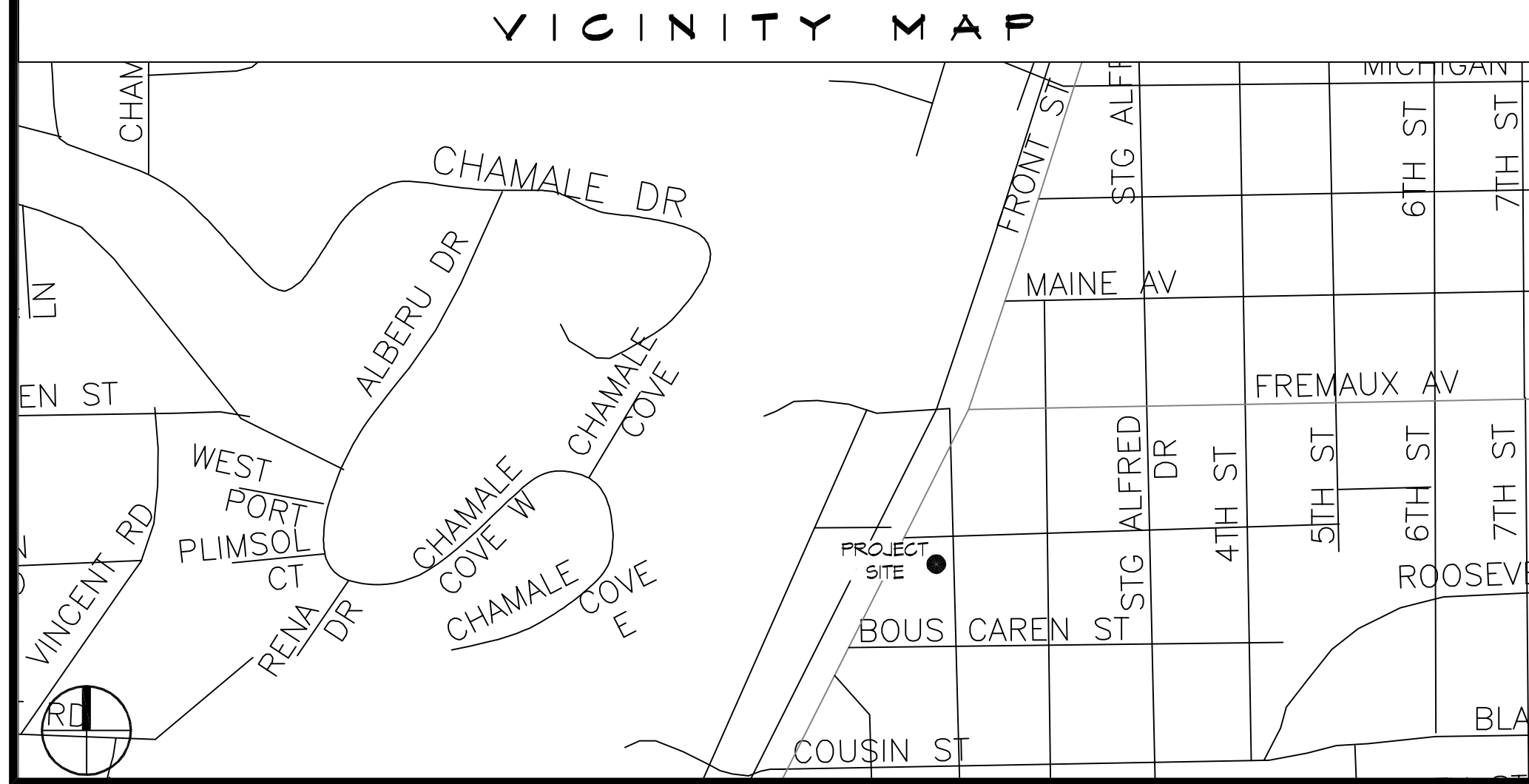
THIS BUILDING SHALL BE DESIGNED WITH IBC SEC 1609 AS A FULLY ENCLOSED BLDG USING THE FOLLOWING INFORMATION:
WIND DESIGN DATA:
 DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC 1609.3 (A), (B), OR (C) DEPENDING ON THE RISK CATEGORY
 V ULTIMATE WIND SPEED (3 SECOND GUST) = 140 MPH
 V NOMINAL WIND SPEED (1609.3.1) 108 MPH
 RISK FACTOR: CATEGORY II BLDG SURFACE ROUGHNESS = B
 TOPOGRAPHIC FACTOR = 1 EXPOSURE = B
 DESIGN WIND PRESSURE (ASCE 7-10 TABLE 28.6-1): 34.7 PSF
 INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1): ± 0.18
 LIVE LOADS (IBC SEC 1607)
 STORAGE, LIGHT (IBC TABLE 1607.1): 125 PSF
 ROOF LIVE LOADS (IBC TABLE 1607.1): 20 PSF UNIFORM, 300 LB CONCENTRATED
 SNOW LOADS (IBC SEC 1608 & ASCE SEC 7):
 GROUND SNOW LOAD (IBC FIG 1608.2) & RAIN-ON-SNOW SURCHARGE (ASCE 7 SEC 7.10): 5 PSF

FLOOD ZONE INFORMATION

BASED ON THE SURVEY OF THIS PROPERTY FROM J.V. BURKES THIS PROPERTY IS IN A SPECIAL FLOOD HAZARD AREA. F.J.R.M. COMMUNITY MAP NO 220204 00010 C; REVISED 4/21/91
 FLOOD ZONE: AE BASE FLOOD ELEVATION: 9 NGVD
 ELEVATIONS REFER TO NGVD 1929 DATUM

LIFE-SAFETY LEGEND

| SYMBOL | DESCRIPTION |
|--------|---------------------------------------|
| | EXITS |
| | DOOR FIRE RATING (MINUTES) |
| | DOOR WIDTH/EGRESS CAPACITY |
| | EXIT LIGHT |
| | FIRE EXTINGUISHER W/ WALL MTD BRACKET |
| | COMMON PATH OF TRAVEL |
| | TRAVEL DISTANCE |
| | DECISION POINT |



PROJECT STATISTICS

| | |
|----------------------|----------|
| SQUARE FOOTAGE | 752 S.F. |
| TOTAL ENCLOSED SPACE | 752 S.F. |

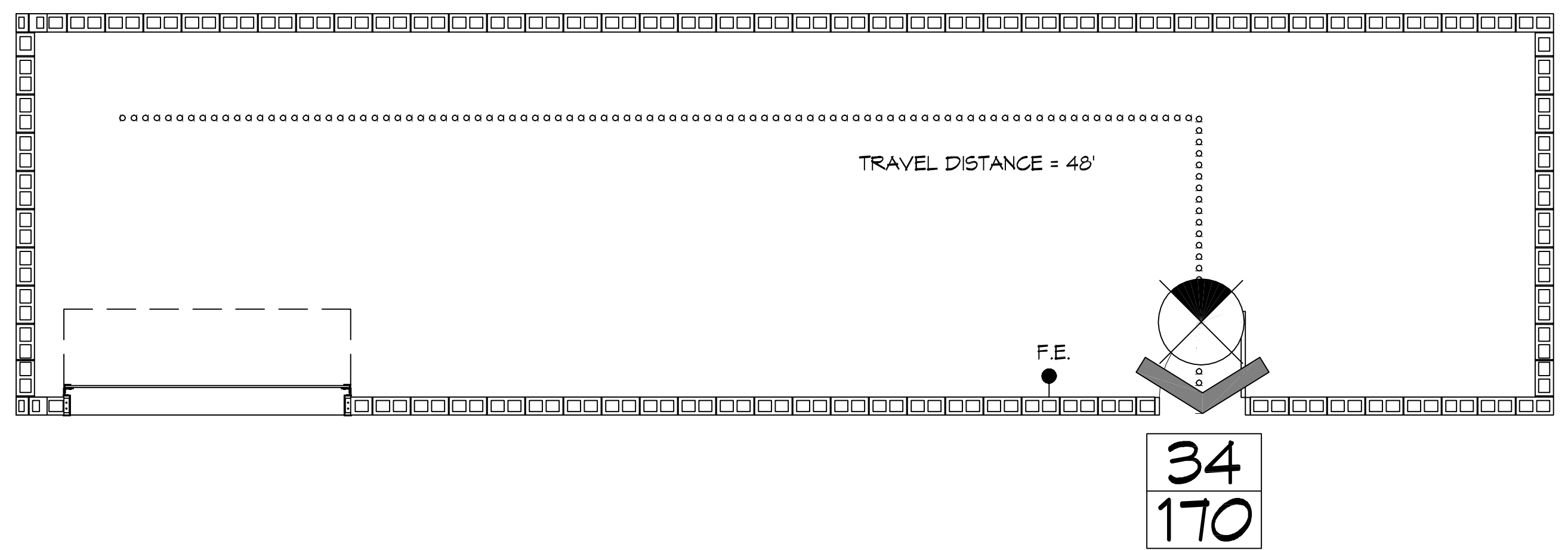
PROJECT INFORMATION:
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 HELENE DAVIS NUNEZ
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 SLIDELL, LA 70458
 HELENE@HELENETEAM.COM

SHEET INDEX

| SHEET # | SHEET TITLE |
|---------|----------------------------------|
| G101 | GENERAL INFORMATION SHEET |
| C101 | SITE PLAN |
| S101 | FOUNDATION PLAN |
| A101 | FLOOR PLAN & BUILDING ELEVATIONS |
| E/M101 | ELECTRICAL/MECHANICAL PLAN |

HELENE NUNEZ

2010 FIRST STREET SLIDELL, LA 70458



1 LIFE-SAFETY PLAN
 SCALE: 1/4" = 1'-0"

DETAILED BUILDING REQUIREMENTS

- THE DESIGN, FABRICATION AND ERECTION OF MWFRS STRUCTURAL STEEL FOR BUILDINGS AND STRUCTURES SHALL BE IN ACCORDANCE WITH EITHER THE AISC LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (LRFD) OR AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS-ALLOWABLE STRESS DESIGN (ASD).
- THE DESIGN OF THE BUILDING ENVELOPE FOR THIS PROJECT SHALL BE DESIGNED AS OPEN BUILDING. THIS STRUCTURE SHALL MEET THE REQUIREMENTS FOR WIND LOADS SHOWN ON THIS SHEET UNDER WIND SPEED DESIGN REQUIREMENTS.
- ROOF COVERING SHALL BE DESIGNED TO WITHSTAND THE PRESSURES DETERMINED IN ACCORDANCE WITH 2010 ASCE 7.
- COMPONENTS AND CLADDING SHALL BE DESIGNED TO WITHSTAND THE PRESSURES DETERMINED IN ACCORDANCE WITH 2010 ASCE 7.
- EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND-FORCE-RESISTING COMPONENT OF THIS BUILDING SHALL SUBMIT A WRITTEN CONTRACTOR'S STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND OWNER PRIOR TO COMMENCEMENT OF THE WORK ON THAT COMPONENT. (IBC 1104.4)

GENERAL NOTES

- ALL MATERIALS AND WORK, INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT, SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN AUTHORITY.
- CONTRACTOR SHALL PROVIDE ALL PUBLIC PROTECTIONS NECESSARY AS REQUIRED BY LAW.
- DO NOT SCALE DRAWINGS. CONSULT WITH DAMMON ENGINEERING REGARDING ANY ITEMS THAT REQUIRE CLARIFICATION.
- TRASH SHALL BE REMOVED FROM THE SITE NOT LESS THAN TWICE MONTHLY.
- THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO THE DAMMON ENGINEERING.
- CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONSTRUCTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
- ALL MATERIALS/EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. WORK NOT CONSISTENT WITH MANUFACTURER'S RECOMMENDATIONS WILL BE REJECTED.

DAMMON ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

www.dammonengineering.com
 info@dammoneng.com
 Phone: 985.669.5832

Chief Engineer: Brian Mitchell, PE
 License No. 30187
 Slidell, LA 70458

| REVISIONS | DATE |
|-----------|-------------|
| # | DESCRIPTION |



STORAGE BUILDING

HELENE NUNEZ

JOB No: 2507 DATE: 05/17/2017
 DRAWN BY: GKD CHECKED BY: JNS

SHEET TITLE: GENERAL INFORMATION SHEET

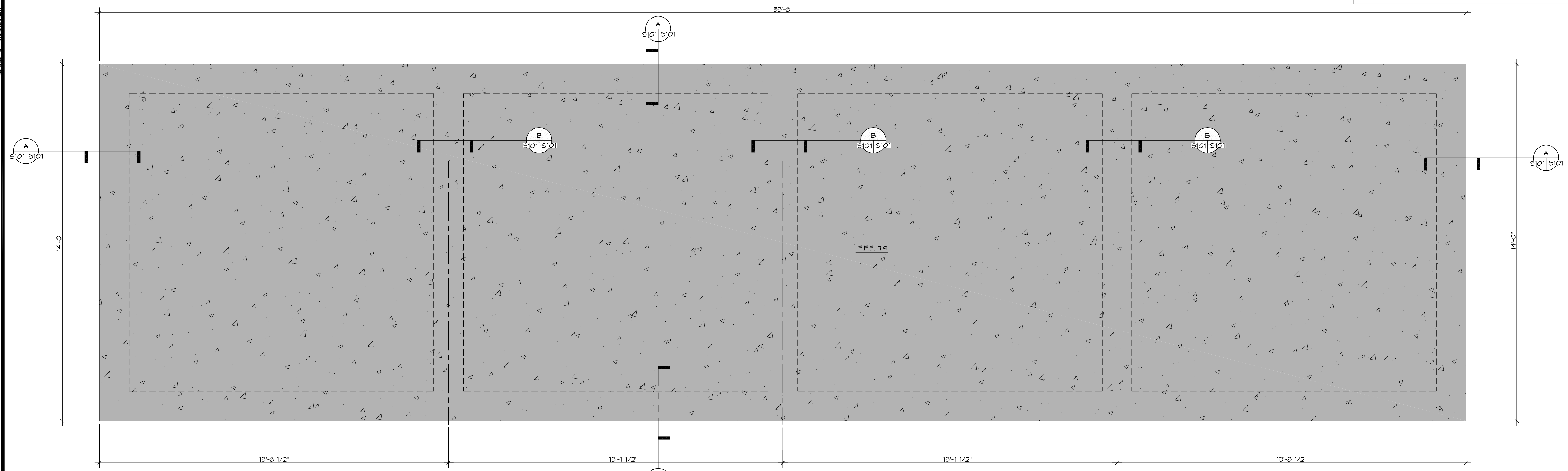
G101

SHEET No: 1 of 5

FOUNDATION NOTES

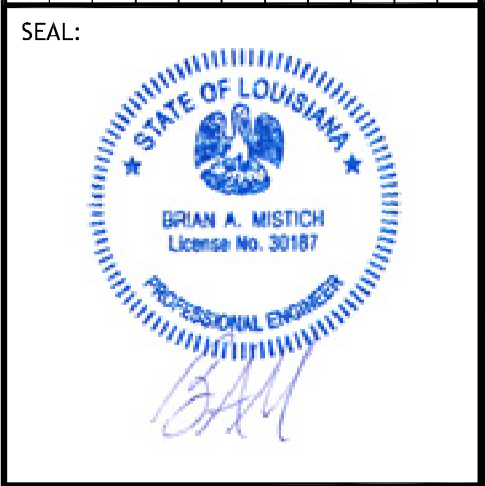
1. ALL DIMENSIONS ARE EDGE OF CONCRETE (EOC) UNLESS NOTED OTHERWISE.
2. VERIFY ALL PLUMBING ROUGH-IN LOCATIONS ON ARCHITECTURAL DWGS.
3. CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH ACI-318.
4. ALL CONVENTIONAL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
5. ONE LAYER OF POLYETHYLENE VAPOR BARRIER SHALL BE PLACED UNDER ALL CONCRETE. VAPOR RETARDER TO BE MINIMUM 10 MIL THICKNESS; ASTM E 1745 CLASS A, PERMEANCE LESS THAN 0.01 PERMS, EQUAL TO STEGO INDUSTRIES STEGO WRAP, ECOSHIELD-E 15 MIL BY EPRO, OR IRONBAR 15 BY FLATIRON FILMS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
6. ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
7. THE CONTRACTOR SHALL VERIFY ALL DROPS, OFFSETS, BRICK LEDGES, DIMENSIONS AND CONFIGURATIONS. CONTRACTOR MUST BE RESPONSIBLE FOR SAME.
8. GRADE BEAM DIMENSIONS MAY VARY BY -5%, +20%.
9. REMOVE ANY AND ALL BAD SOIL IN FOOT PRINT AND REPLACE WITH A4 SELECT.
10. ALL SOIL BELOW SLAB SHALL RECEIVE TERMITES TREATMENT.

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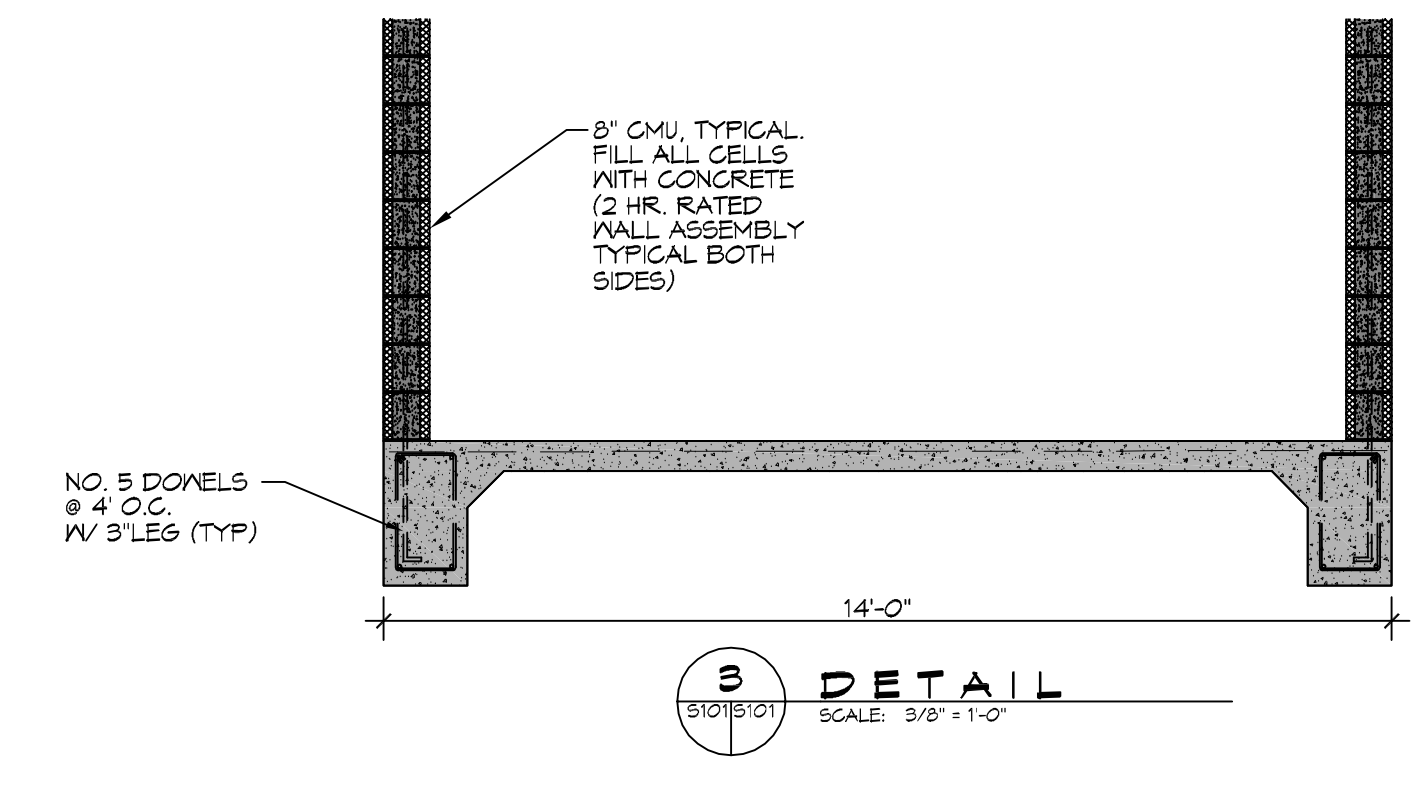
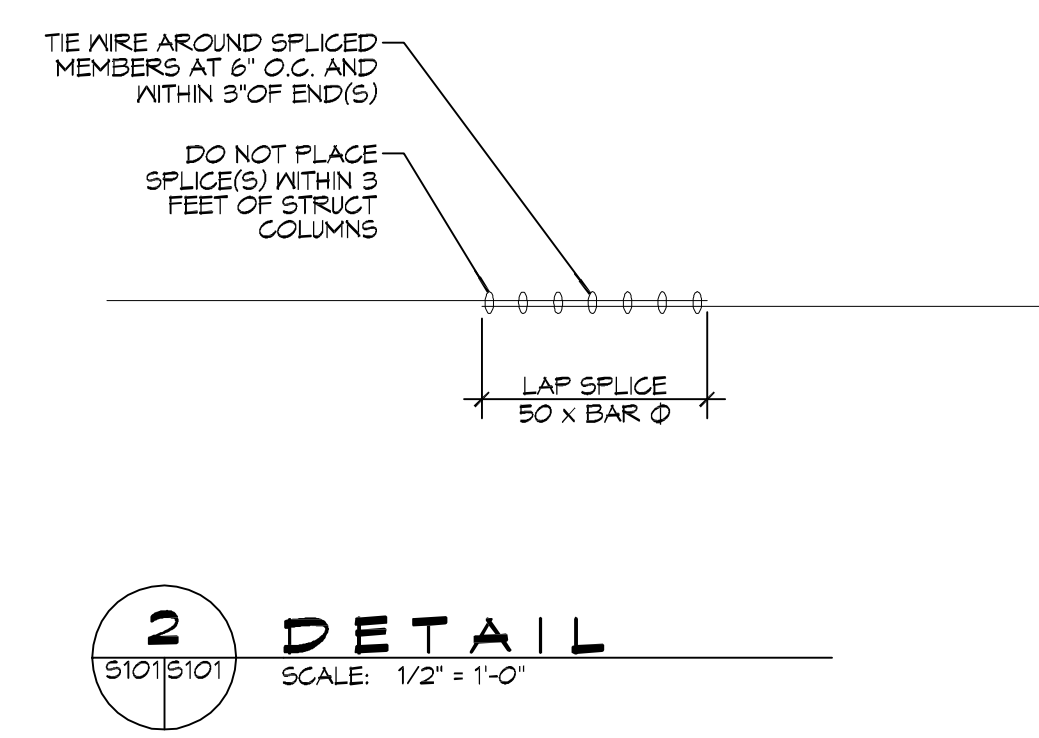
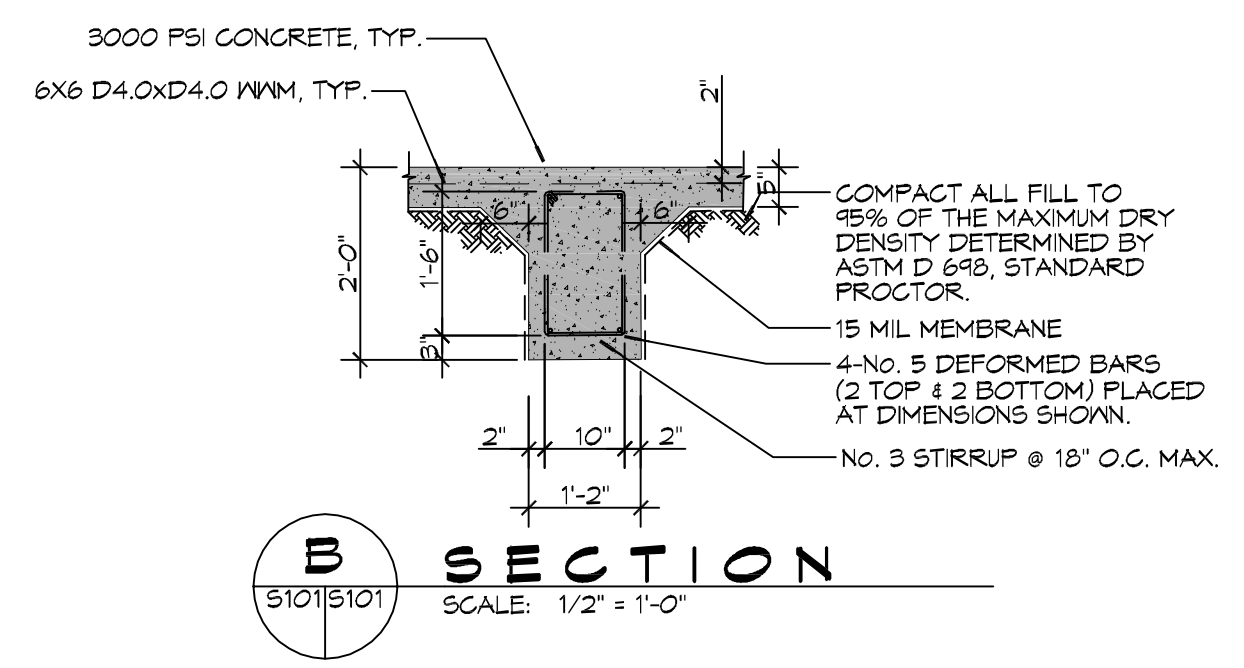
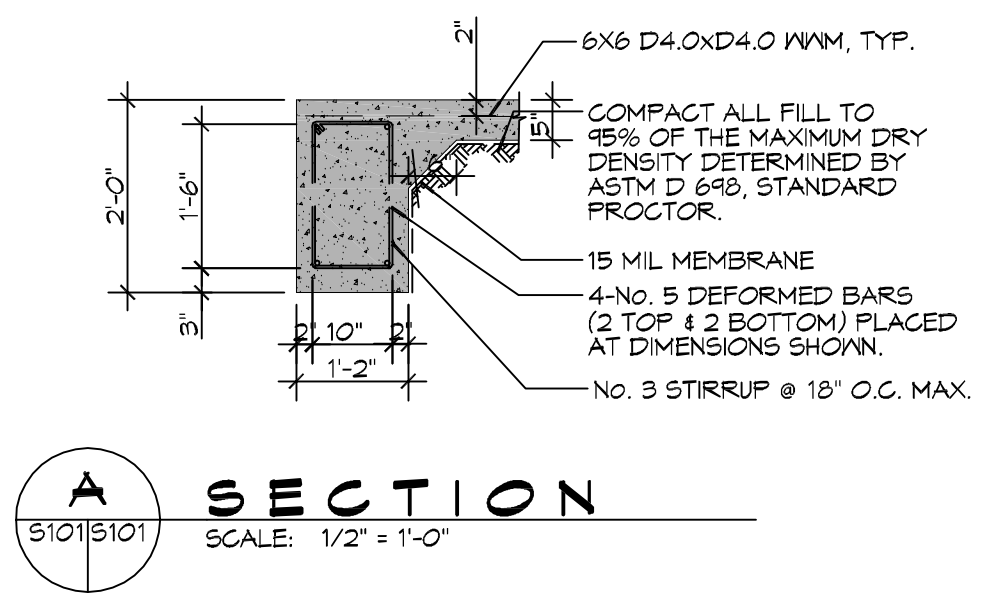


1 FOUNDATION PLAN
 SCALE: 1/2" = 1'-0"

| # | DESCRIPTION | DATE |
|---|-------------|------|
| | | |
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STORAGE BUILDING
 H E L E N E Z
 JOB No: 2307 DATE: 05/17/2017
 DRAWN BY: BAM
 CHECKED BY: CKD
 2010 FIRST STREET
 SLIDELL, LA 70458



SHEET TITLE:
 FOUNDATION PLAN
 DRAWING NUMBER:
S101
 SHEET No: 3 of 5

