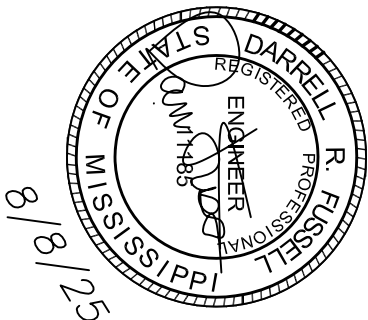




Issue	Description	Date	
A	For review and comment	8-08-25	

STORAGE FACILITY
DUNBAR AVE.
BAY ST.LOUIS, MS.

DARRELL FUSSELL, P.E.
CIVIL AND STRUCTURAL
ENGINEERING

PO BOX 881
Madisonville, LA 70447

Phone: 985-237-3908

C1

TYPE OF CONSTRUCTION IIB UNPROTECTED, NO SPRINKLER SYSTEM

FIRE RESISTANCE RATING:
STRUCTURAL FRAME 0 HOURS
ROOF CONSTRUCTION 0 HOURS
EXTENSION WALLS 0 HOURS

PROJECT DESCRIPTION - 7 RV STORAGE BUILDINGS WITH AND SMALL OFFICE BUILDING

CODE INFORMATION

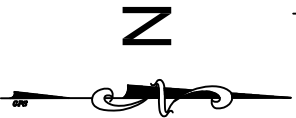
2018 INTERNATIONAL BUILDING CODE
2021 INTERNATIONAL MECHANICAL CODE
2021 INTERNATIONAL PLUMBING CODE
2020 NATIONAL ELECTRIC CODE

DESIGN CRITERIA

2018 INTERNATIONAL BUILDING CODE
2021 INTERNATIONAL MECHANICAL CODE
2021 INTERNATIONAL PLUMBING CODE
2020 NATIONAL ELECTRIC CODE
Wind loading - 2021 IBC, 157 MPH Valt. 121 W/m
Enclosed Building
Exposure B (1609.4)
Category II (1604.5)
Wind Importance Factor = 1.0
Internal Pressure Coefficient = +1, -18
Roof dead load = 10 psf
Floor dead load = 10 psf
Roof live loads = 20 psf
Design Load Bearing of Soils - 1500 PSF

SITE PLAN

SCALE: 1" = 30'-0"



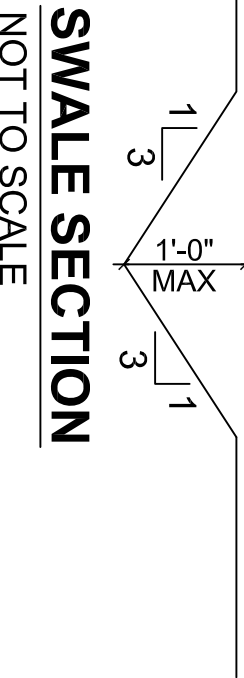
LEGEND	
30.66	EXISTING GRADE
81.00	REQUIRED GRADE
---	DIRECTION OF FLOW
---	DRAIN PIPE
---	EXISTING CONCRETE

1. 3" 6/10 LIMESTONE OR CRUSHED CONCRETE
2. EXISTING GRANULAR BASE (CONFIRMED BY OWNER)
- PARKING LOT SECTION
- NOT TO SCALE

SITE NOTES

1. PROVIDE ACCESSIBLE PARKING SPACE AS REQUIRED BY ADA. ACCESSIBLE PARKING SPACES SHALL COMPLY WITH REQUIREMENTS OF THIS SECTION REGARDING CHANGES IN LEVEL, NOT MORE THAN 2" HEIGHT

2. PROVIDE LEVEL LANDINGS OUTSIDE EXTERIOR DOORS THAT ARE WITHIN 2' OF THE INTERIOR FINISH FLOOR ELEVATION. OF EXTERIOR DOORS SHALL BE DESIGNED BASED ON ASCE 7-16 AND IBC 1006, INCLUDING EXIT DISCHARGE (EXTENSION).



SWALE SECTION
NOT TO SCALE

- OUTDOORS LIGHTING NOTES
1. LIGHTING SHALL BE 28 WATT LED FIXTURES MOUNTED ON THE BUILDING 13' ABOVE GRADE.
2. THE LIGHTING SHALL PROVIDE TOTAL FOOTCAULES MEASURED AT THREE FEET ABOVE GROUND LEVEL NOT EXCEED TWO FOOTCAULES AT THE PROPERTY LINE.

- MPulse Brand Surface Mount Fixture
MP-SM28U74-40B or equal (5 TOTAL)
mounted @ 13' above grade on photoical control

- NOTES:
1. Filter to be buried Approximately 6 inches into the ground.
2. Fabric to be installed per manufacturer recommendations.
3. Construct silt fence around perimeter of site. Maintain until work is complete and grass is established

