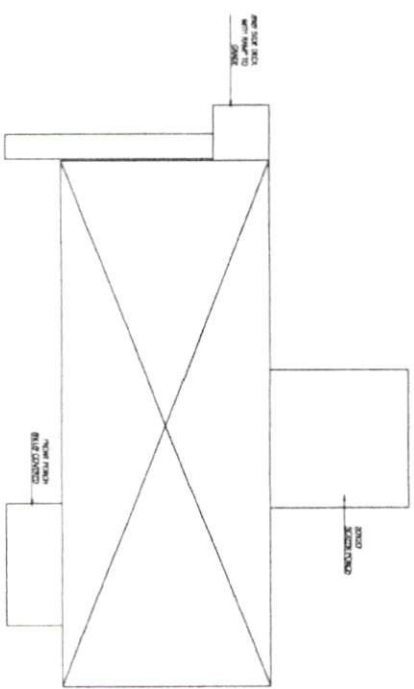
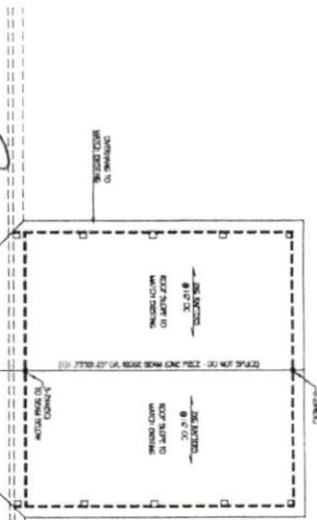


future porch

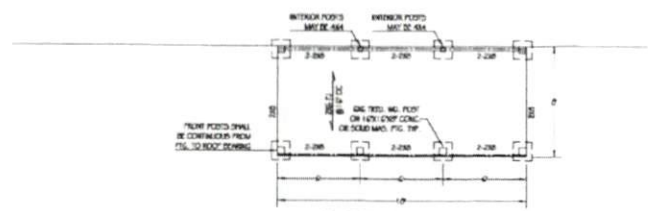




PERSON ENGINEERING
 213 FLIGHT MASSAGE RD.
 WOODFORDVILLE, NC 27179
 WSA LICENSE NO. 171440
 TEL. (813) 400-3193

TAC CONSTRUCTION
 DECK / PORCH ADDITION
 145 HEDCO WAY
 FLORENCE, NORTH CAROLINA, NC

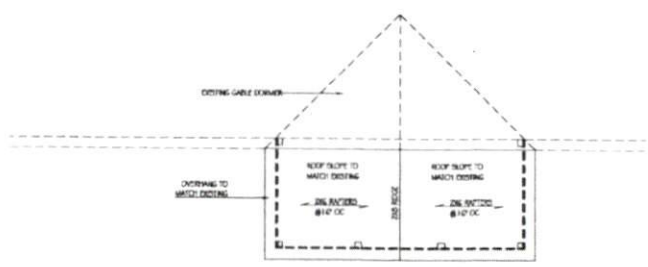
DATE: 08/20/22
 DRAWN BY: [Signature]



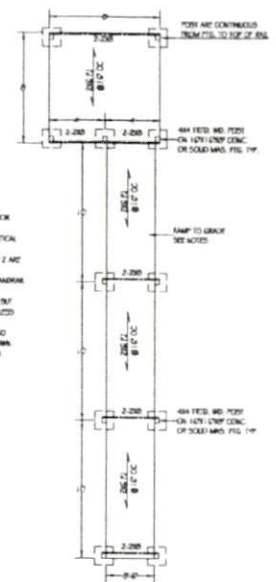
COVERED FRONT PORCH
 FOUNDATION PLAN
 SCALE: 1/4" = 1'



COVERED FRONT PORCH
 FIRST FLOOR STRUCTURAL PLAN
 SCALE: 1/4" = 1'



COVERED FRONT PORCH
 ROOF STRUCTURAL PLAN
 SCALE: 1/4" = 1'



SIDE DECK / RAMP
 FOUNDATION PLAN
 SCALE: 1/4" = 1'

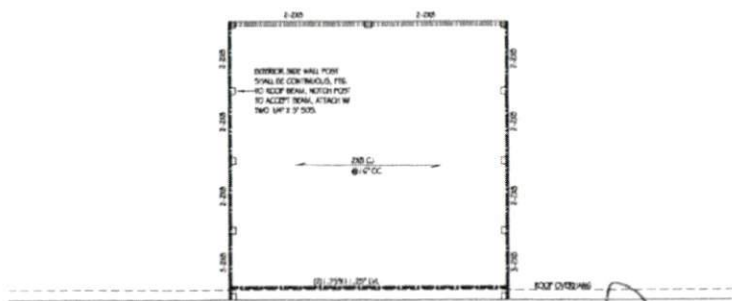
- RAMP NOTES:
1. RAMP IS NOT INSTALLED ON THE EXISTING JOCK REQUIRED BY E311.2.
 2. RAMP SLOPE SHALL EXCEED 1:12 VERTICAL IN 8 UNITS HORIZONTAL.
 3. RAMP WITH A SLOPE NOT EXCEEDING 1 IN 12 AND NOT REQUIRED TO HAVE HANDRAILS.
 4. RAMP EXCEEDING 1 IN 12 SHALL HAVE A HANDRAIL ON ONE SIDE MINIMUM.
 5. RAMP HEIGHT SHALL NOT BE LESS THAN 36\"/>

- STRUCTURAL NOTES:
1. DESIGN FOR SEAWIND CAPACITY 100MPH.
 2. CONCRETE SHALL HAVE A 28 DAY DESIGN COMPRESSIVE STRENGTH OF 3000PSI.
 3. BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE 12\"/>

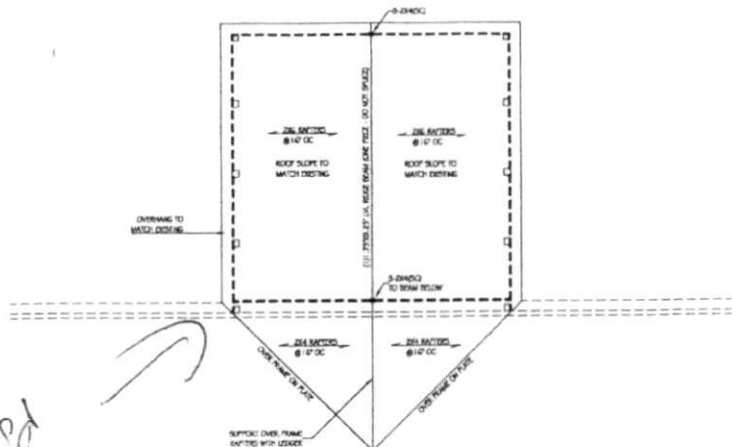
- SEWER LINES:
- 100' 12-12\"/>



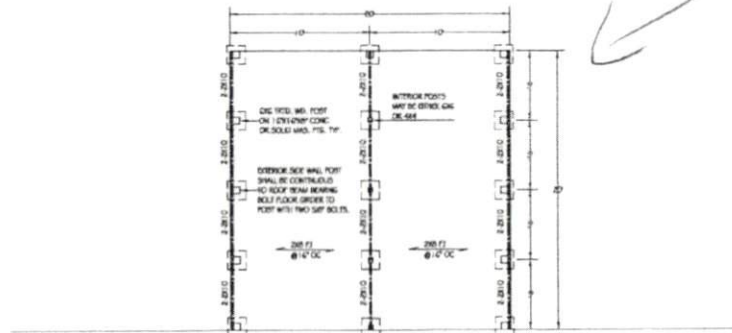
PERSON ENGINEERING
2718 NORTH MAUIE RD.
SUITE 200
PRAIRIE LAKE, MO. 67450
TEL: (816) 400-3183



SCREEN PORCH
FIRST FLOOR STRUCTURAL PLAN
SCALE: 1/4" = 1'

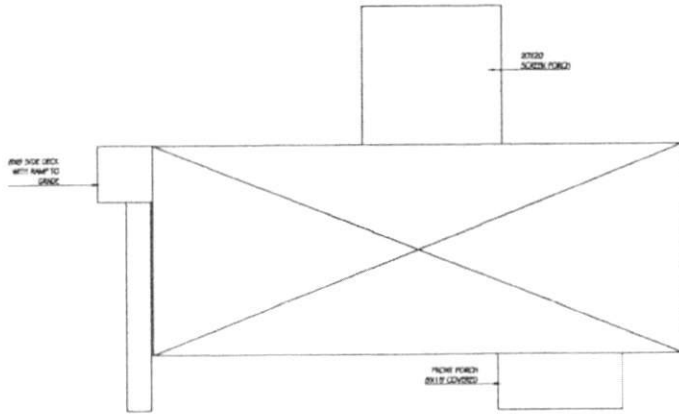


SCREEN PORCH
ROOF STRUCTURAL PLAN
SCALE: 1/4" = 1'



SCREEN PORCH
FOUNDATION PLAN
SCALE: 1/4" = 1'

Future Porch



SITE PLAN
SCALE: 1/4" = 1'

TAC CONSTRUCTION
DECK PORCH ADDITION
1155 NICOLE WAY
FLORIAN, VA 22131

DATE: 04/11/2016
PROJECT NO: 16-03-02
BY: WAP
CHECKED: WAP

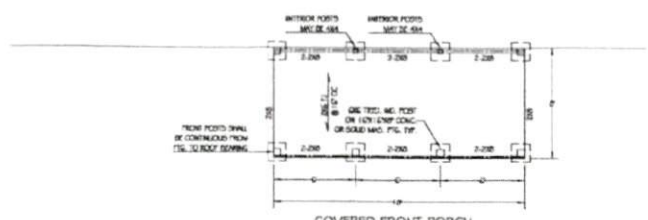
SI



PERSON ENGINEERING
 213 TRUEN MANSION RD.
 ANNAPOLIS, MARYLAND
 PERM LICENSE NO. P-11440
 TEL: (410) 420-3193

TAC CONSTRUCTION
 DECK/FORCH ADDITION
 11000 WINDYBROOK
 PLOUVER, VIRGINIA, VA

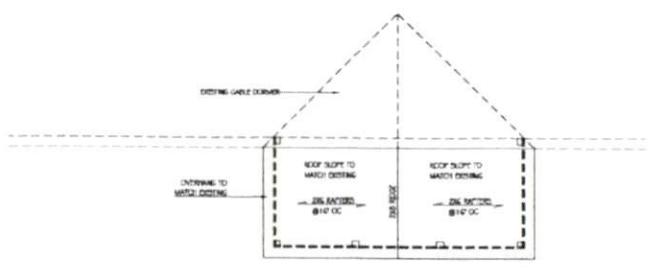
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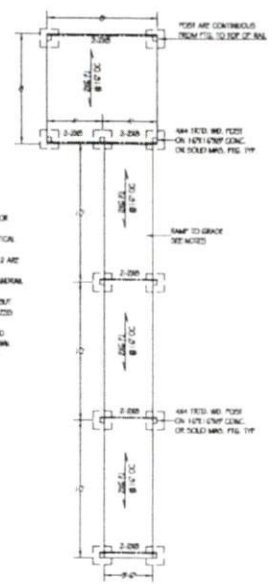
COVERED FRONT PORCH FOUNDATION PLAN
 SCALE: 1/4\"/>



COVERED FRONT PORCH FIRST FLOOR STRUCTURAL PLAN
 SCALE: 1/4\"/>



COVERED FRONT PORCH ROOF STRUCTURAL PLAN
 SCALE: 1/4\"/>



SIDE DECK / RAMP FOUNDATION PLAN
 SCALE: 1/4\"/>

- RAMP NOTES:**
- RAMP TO NOT BE INSTALLED ON THE EXISTING DOOR REQUIRES BY R311.2.
 - RAMP SLOPE SHALL NOT EXCEED 1 UNIT VERTICAL IN 8 UNITS HORIZONTAL.
 - RAMPS WITH A SLOPE NOT EXCEEDING 1 IN 12 ARE NOT REQUIRED TO HAVE HANDRAILS.
 - RAMPS EXCEEDING 1 IN 12 SHALL HAVE A HANDRAIL ON ONE SIDE MINIMUM.
 - RAMP WIDTH SHALL NOT BE LESS THAN 36\" BUT DISTANCE BETWEEN HANDRAILS SHALL NOT BE LESS THAN 36\".
 - LENGTH OF RAMP SHALL BE SET AS APPLICABLE, NO STRUCTURAL SPANS SHALL EXCEED THOSE SHOWN.
 - RAMP SHALL CONFORM TO SECTION R311.1.4 OF NC RESIDENTIAL CODE, 2018 EDITION.

- STRUCTURAL NOTES:**
- DESIGN FOR BEARING CAPACITY: 4000PSF.
 - CONCRETE SHALL HAVE A 28 DAY DESIGN COMPRESSIVE STRENGTH OF 3000PSI.
 - BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE 12\" BELOW FINISHED GRADE.
 - FOOTINGS SHALL BE EITHER CONCRETE OR SOLID WOODEN, UNLESS NOTED OTHERWISE.
 - FRAMING LAMBER SHALL BE KDSPF OR KDSPF UNLESS SPECIFICALLY NOTED OTHERWISE FOR INDIVIDUAL MEMBERS.
 - UNBRACED STEEL LAMBER BEAMS, COLS, SHALL HAVE THE FOLLOWING PROPERTIES: F_y=50KSI, F_x=35KSI, E=29,000KSI.
 - WOOD MEMBERS SHALL BE EITHER IN DIRECT BEARING OR SHALL BE HELD TO THE SIDE OF THE SUPPORTED MEMBER WITH TWO (2) 1/2\" GALVANIZED MACHINE OR CARTRIDGE BOLTS WITH NUT AND WASHERS.
 - WOOD SHALL BE LATERALLY BRACED IN ACCORDANCE WITH SECTION AW-108, UNLESS NOTED OTHERWISE.
 - DESIGN WIND SPEED: 115 MPH.
 - ALL WORK SHALL CONFORM TO NC RESIDENTIAL CODE, 2018 EDITION.
 - DIAPHRAGM WALL APPLIED ONLY TO STRUCTURAL COMPONENTS.
 - STRUCTURAL NOTES APPLY TO ALL SHEETS.
 - ALL DATA SHALL HAVE A MAJOR DIMENSION OF AT LEAST THE SAME NUMBER AS THE DIMENSION SUPPORTED.
 - 1/2\" EMP W/OD W/OD W/OD SHALL CONSIST OF POLA HEMLOCK, DRY STICKED, 4\"X8\" OR SOLID WOODEN BLOCKS.

- TERMS LENGTH:**
- ROOF: L=20PSF, S_w=10PSF
 - CEILING: WINDBORNE L=20PSF, S_w=10PSF
 - CEILING: WINDBORNE L=20PSF, S_w=10PSF
 - FLOOR: LIVING SPACE: S_w=40PSF, S_w=10PSF
 - FLOOR: SLEEPING SPACE: S_w=30PSF, S_w=10PSF
 - WIND SPEED: 115 MPH
 - SOIL BEARING CAPACITY: 4000PSF