

## Bldg B - Area Increase

(Eq 5-3)

$$Aa = [At + (NS \times If)]$$

where:

Aa = Allowable area (square feet).

At = Tabular allowable area factor (NS, S13R or SM value, as applicable) in accordance with Table 506.2. [9500 s.f.]

NS = Tabular allowable area factor in accordance with Table 506.2 for a non-sprinklered building (regardless of whether the building is sprinklered). [9500 s.f.]

If = Area factor increase due to frontage (percent) as calculated in accordance with Section 506.3. [ 0.32 see calcs below)

(Eq 5-5)

$$If = [F/P - 0.25] \times W/30 \text{ (Equation 5-5)}$$

where:

If = Area factor increase due to frontage.

F = Building perimeter that fronts on a public way or open space having minimum distance of 20 feet

P = Perimeter of entire building (feet).

W = Width of public way or open space (feet) in accordance with Section 506.3.2.

Bldg B has 162' that has 30ft of open space perpendicular to that side of the building. Bldg B also has two (2) ends that measure 64 ft in length and each of these ends have 30 feet of open space perpendicular to them.

$$F = 162 \text{ ft} + 64 \text{ ft} + 64 \text{ ft} = 290 \text{ ft}$$

$$P = \text{width} = 64 \text{ ft and length} = 162 \text{ ft; perimeter} = (64 \times 2) + (162 \times 2) = 452 \text{ ft}$$

$$W = (162 \times 30) + (64 \times 30) + (64 \times 30) = 8,700 / 290 = 30 \text{ ft (Weighted W)}$$

$$\text{Eq 5-5} \quad If = [(290/452) - 0.25] \times (30 / 30) = 0.64 \text{ or } 64\%$$

$$\text{Eq 5-3} \quad Aa = 9500 \text{ s.f.} + (9500 \text{ s.f.} \times 0.64) = \underline{15,580 \text{ s.f.}}$$

# ELEVATION CERTIFICATE

**Important:** Follow the instructions on pages 1-9.

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

SECTION A - PROPERTY INFORMATION				FOR INSURANCE COMPANY USE	
A1. Building Owner's Name NEW HORIZON CHURCH (JOHN RAYMOND, PASTOR)				Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1000 CANULETTE ROAD				Company NAIC Number:	
City SLIDELL		State Louisiana		ZIP Code 70458	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) PART OF SECTION 44, TOWNSHIP 9 SOUTH, RANGE 14 EAST					
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>NON RESIDENTIAL (OLD TECH. COLLEGE)</u>					
A5. Latitude/Longitude: Lat. <u>30d 16m 10s N</u> Long. <u>89d 47m 33"s W</u> Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> NAD 1983					
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.					
A7. Building Diagram Number <u>1A</u>					
A8. For a building with a crawlspace or enclosure(s):					
a) Square footage of crawlspace or enclosure(s) <u>0.00</u> sq ft					
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>0</u>					
c) Total net area of flood openings in A8.b <u>0.00</u> sq in					
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
A9. For a building with an attached garage:					
a) Square footage of attached garage <u>0.00</u> sq ft					
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>0</u>					
c) Total net area of flood openings in A9.b <u>0.00</u> sq in					
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION					
B1. NFIP Community Name & Community Number CITY OF SLIDELL 220204			B2. County Name ST. TAMMANY PARISH		B3. State Louisiana
B4. Map/Panel Number 220204 0010	B5. Suffix C	B6. FIRM Index Date 04-21-1999	B7. FIRM Panel Effective/ Revised Date 04-21-1999	B8. Flood Zone(s) AE	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) 9
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9: <input type="checkbox"/> FIS Profile <input checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: _____					
B11. Indicate elevation datum used for BFE in Item B9: <input checked="" type="checkbox"/> NGVD 1929 <input type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Designation Date: _____ <input type="checkbox"/> CBRS <input type="checkbox"/> OPA					

# ELEVATION CERTIFICATE

OMB No. 1660-0008  
Expiration Date: November 30, 2022

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			<b>FOR INSURANCE COMPANY USE</b>	
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1000 CANULETTE ROAD			Policy Number:	
City SLIDELL	State Louisiana	ZIP Code 70458	Company NAIC Number	

## SECTION C – BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on:     Construction Drawings\*     Building Under Construction\*     Finished Construction  
 \*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations – Zones A1–A30, AE, AH, A (with BFE), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, AR/AH, AR/AO.  
 Complete Items C2.a–h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: GPS (TOPNET)                      Vertical Datum: NAVD88 (GEOID 18)

Indicate elevation datum used for the elevations in items a) through h) below.

NGVD 1929     NAVD 1988     Other/Source: \_\_\_\_\_

Datum used for building elevations must be the same as that used for the BFE.

Check the measurement used.

- |                                                                                                                                     |     |                                          |                                 |
|-------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------|---------------------------------|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor) _____                                                   | 6.0 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| b) Top of the next higher floor _____                                                                                               | N/A | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| c) Bottom of the lowest horizontal structural member (V Zones only) _____                                                           | N/A | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| d) Attached garage (top of slab) _____                                                                                              | N/A | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| e) Lowest elevation of machinery or equipment servicing the building<br>(Describe type of equipment and location in Comments) _____ | 7.1 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| f) Lowest adjacent (finished) grade next to building (LAG) _____                                                                    | 5.3 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| g) Highest adjacent (finished) grade next to building (HAG) _____                                                                   | 5.6 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support _____                                  | N/A | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |

## SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

Were latitude and longitude in Section A provided by a licensed land surveyor?     Yes     No     Check here if attachments.

Certifier's Name Lester H. Martin Jr.    LMJSurveyor@gmail.com	License Number 4758		
Title President/Owner			
Company Name Lester Martin Jr. & Associates, LLC			
Address 418 Hickory Drive			
City Slidell	State Louisiana		
Signature 	Date 03-17-2021	Telephone (985) 285-9099	Ext.

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments (including type of equipment and location, per C2(e), if applicable)  
 C2.e)= A/C unit inside structure.  
 Per Vertcon, NGVD29 = NAVD88.

# ELEVATION CERTIFICATE

OMB No. 1660-0008  
Expiration Date: November 30, 2022

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			<b>FOR INSURANCE COMPANY USE</b>
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1000 CANULETTE ROAD			Policy Number:
City SLIDELL	State Louisiana	ZIP Code 70458	Company NAIC Number

## SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

- E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
- a) Top of bottom floor (including basement, crawlspace, or enclosure) is \_\_\_\_\_  feet  meters  above or  below the HAG.
- b) Top of bottom floor (including basement, crawlspace, or enclosure) is \_\_\_\_\_  feet  meters  above or  below the LAG.
- E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 1–2 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is \_\_\_\_\_  feet  meters  above or  below the HAG.
- E3. Attached garage (top of slab) is \_\_\_\_\_  feet  meters  above or  below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is \_\_\_\_\_  feet  meters  above or  below the HAG.
- E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance?  Yes  No  Unknown. The local official must certify this information in Section G.

## SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner or Owner's Authorized Representative's Name

Address City State ZIP Code

Signature Date Telephone

Comments

Check here if attachments.



# BUILDING PHOTOGRAPHS

See Instructions for Item A6.

OMB No. 1660-0008

Expiration Date: November 30, 2022

## ELEVATION CERTIFICATE

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			<b>FOR INSURANCE COMPANY USE</b>
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1000 CANULETTE ROAD			Policy Number:
City SLIDELL	State Louisiana	ZIP Code 70458	Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.



Photo One

Photo One Caption FRONT VIEW - 03-17-2021

Clear Photo One



Photo Two

Photo Two Caption REAR VIEW - 03-17-2021

Clear Photo Two

# BUILDING PHOTOGRAPHS

Continuation Page

OMB No. 1660-0008

Expiration Date: November 30, 2022

## ELEVATION CERTIFICATE

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			<b>FOR INSURANCE COMPANY USE</b>
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1000 CANULETTE ROAD			Policy Number:
City SLIDELL	State Louisiana	ZIP Code 70458	Company NAIC Number

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.



Photo Three

Photo Three Caption LEFT VIEW (FROM FRONT & REAR) - 03-17-2021

Clear Photo Three



Photo Four

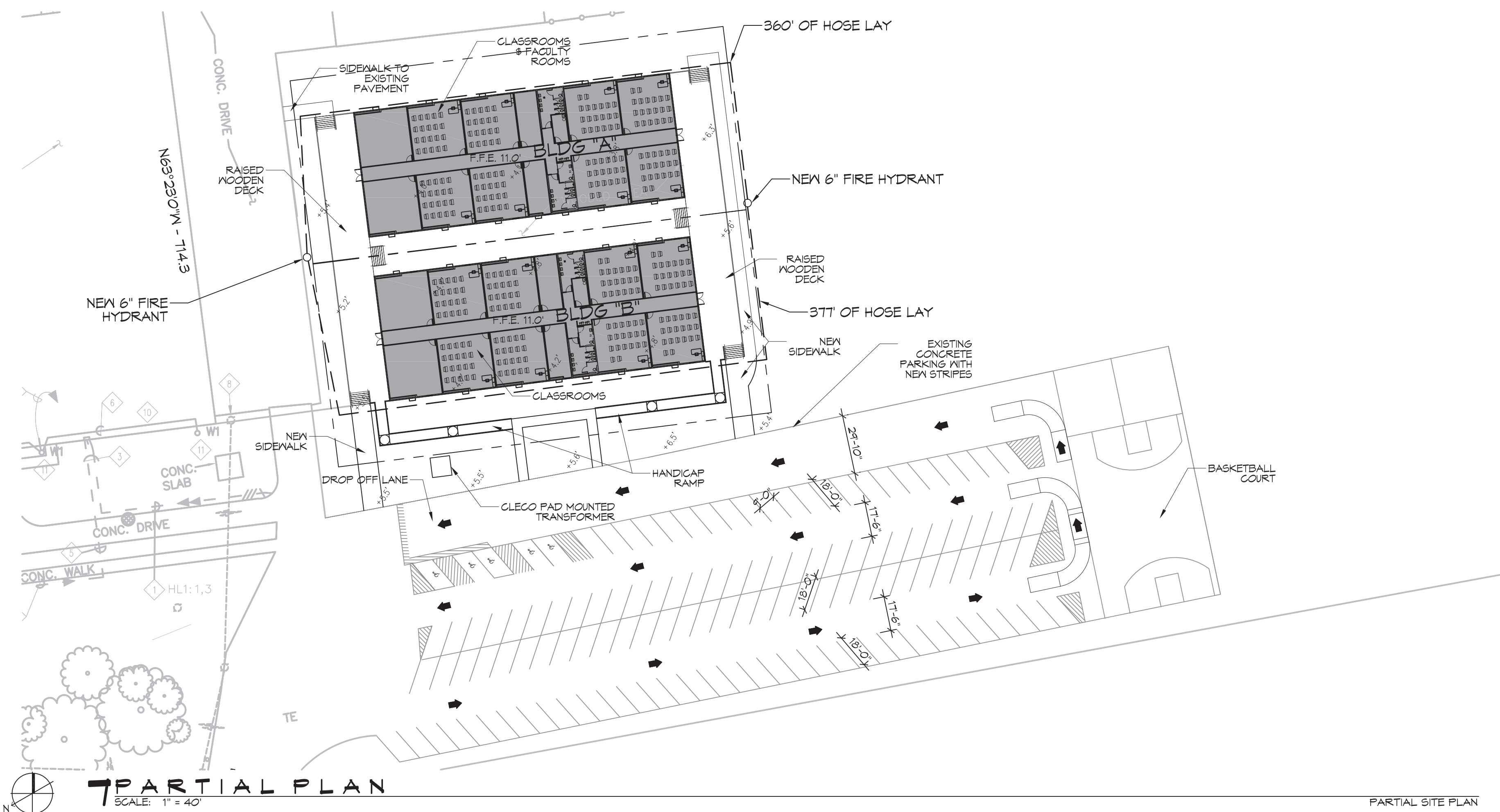
Photo Four Caption RIGHT VIEW (FROM FRONT & REAR) - 03-17-2021

Clear Photo Four



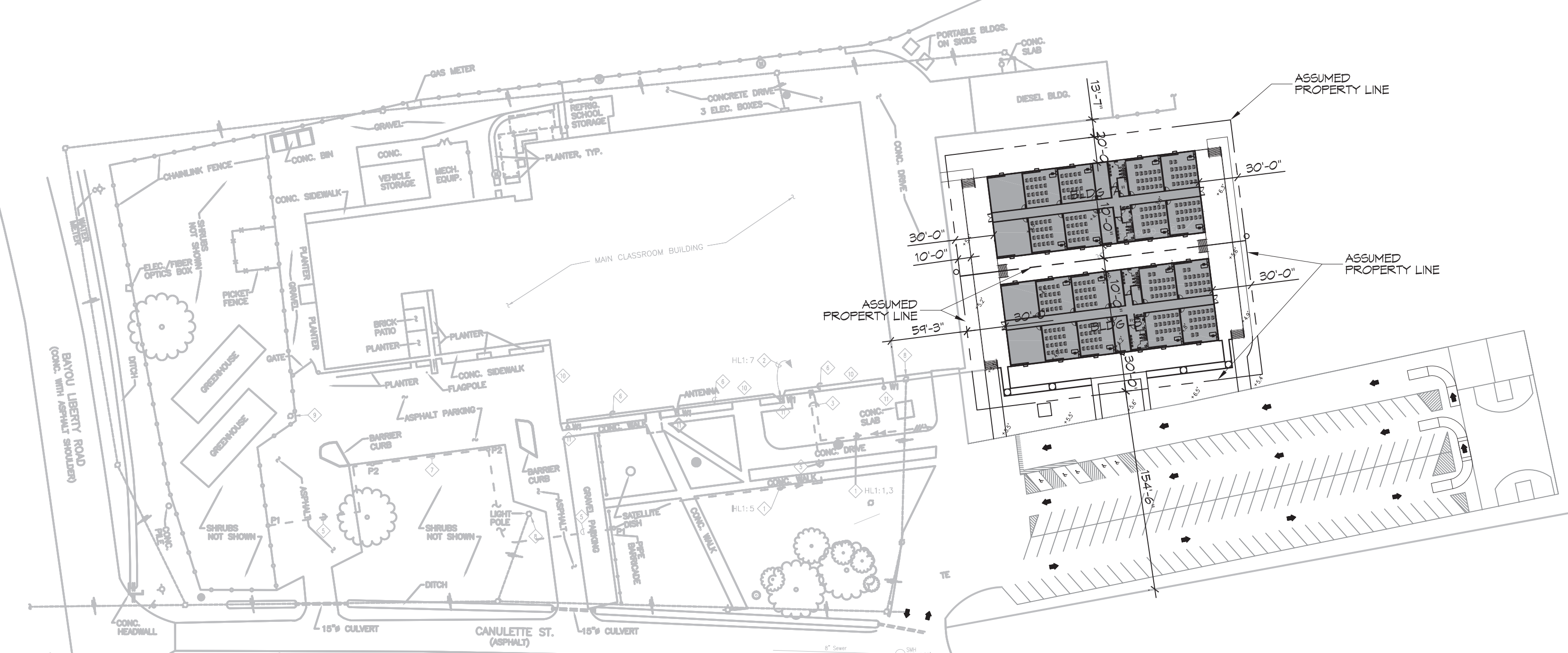


D.T. Muller, A.E. - Licensed Professional Engineer - Louisiana Division, License No. 1143  
 5/14/2021 11:43 AM



**7 PARTIAL PLAN**  
SCALE: 1" = 40'

PARTIAL SITE PLAN

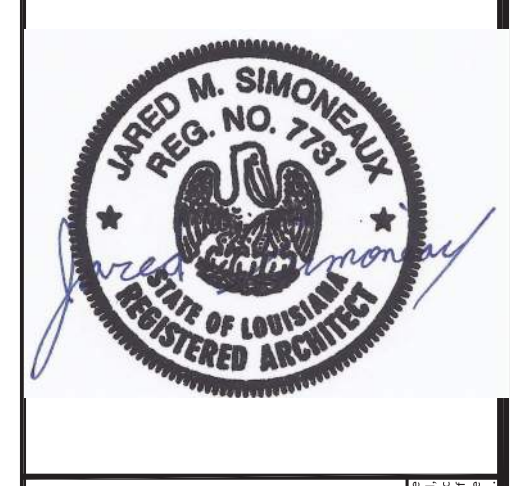


**8 OVERALL SITE PLAN**  
SCALE: 1" = 10'

PLANNING  
ZONED COMMERCIAL  
FLOOD ZONE  
ZONE "AE"  
BUILDING ELEVATION  
BASE FLOOD ELEVATION = 9.0' + 2'  
FINISHED FLOOR ELEVATION = -11.0'  
PARKING  
123 PARKING SPOTS PROVIDED INCLUDING 5 HANDICAP SPOTS  
EACH BLDG HAS:  
10 CLASSROOMS  
2 STUDY HALLS  
2 RESTROOMS

**DAMMON ENGINEERING, INC.**  
LOUISIANA & MISSISSIPPI  
www.dammonengineering.com  
info@dammonengineering.com  
594 Old Spanish Trail  
Bossier, LA 70608  
PH: 985.599.2382, FX: 985.541.1320

REVISIONS	DATE
# DESCRIPTION	
1 Added Assumed Property Lines	7/9/2021



REVIEWED FOR  
STATE FIRE MARSHAL  
AS PER REVIEW LETTER  
BY: JULIE TITTLE, ARCHITECT

**RESIDEN  
LAKESIDE  
ACADEMY**  
1000 CANULETTE RD,  
SLIPPELL, LA 70458  
JOB No: 244-C DATE: 06-10-2021  
DRAWN BY: CKD CHECKED BY: CKD

SHEET TITLE:  
SITE PLAN

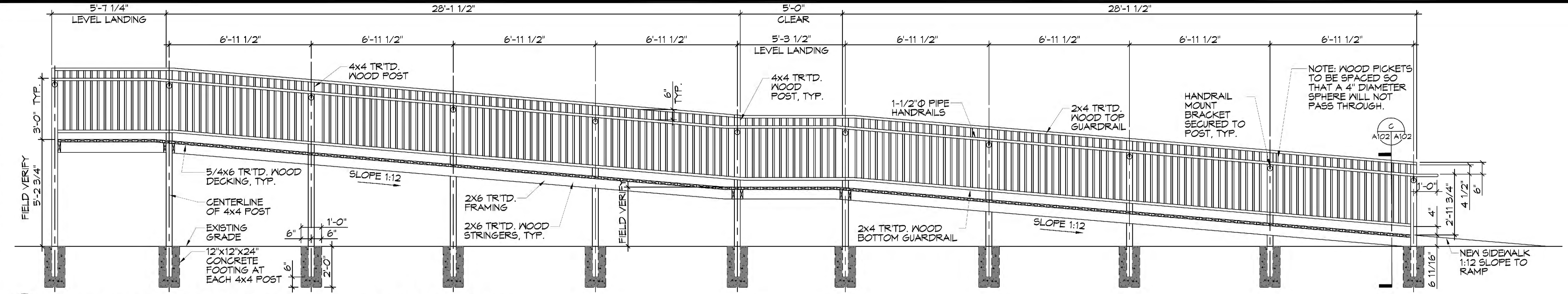
DRAWING NUMBER:  
**C101**

SHEET No: 3 of 11

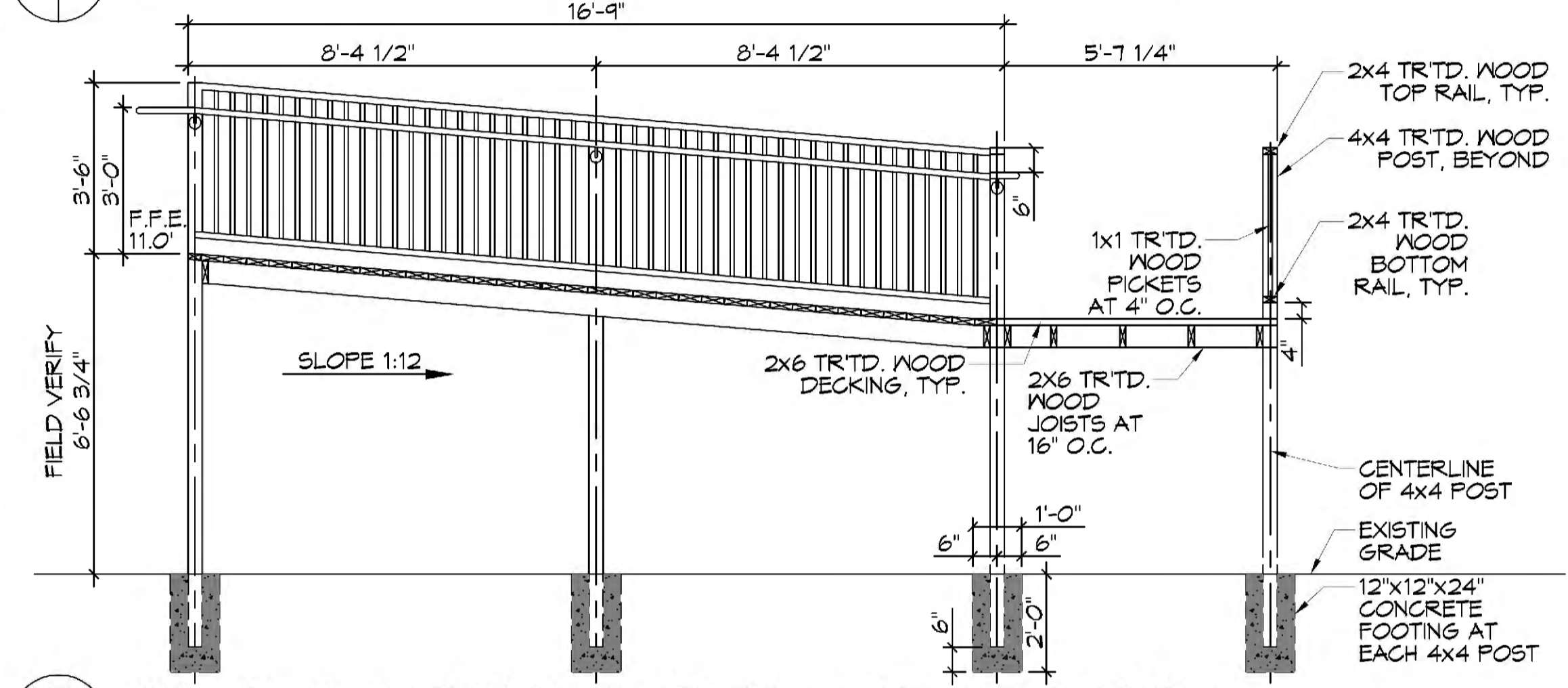




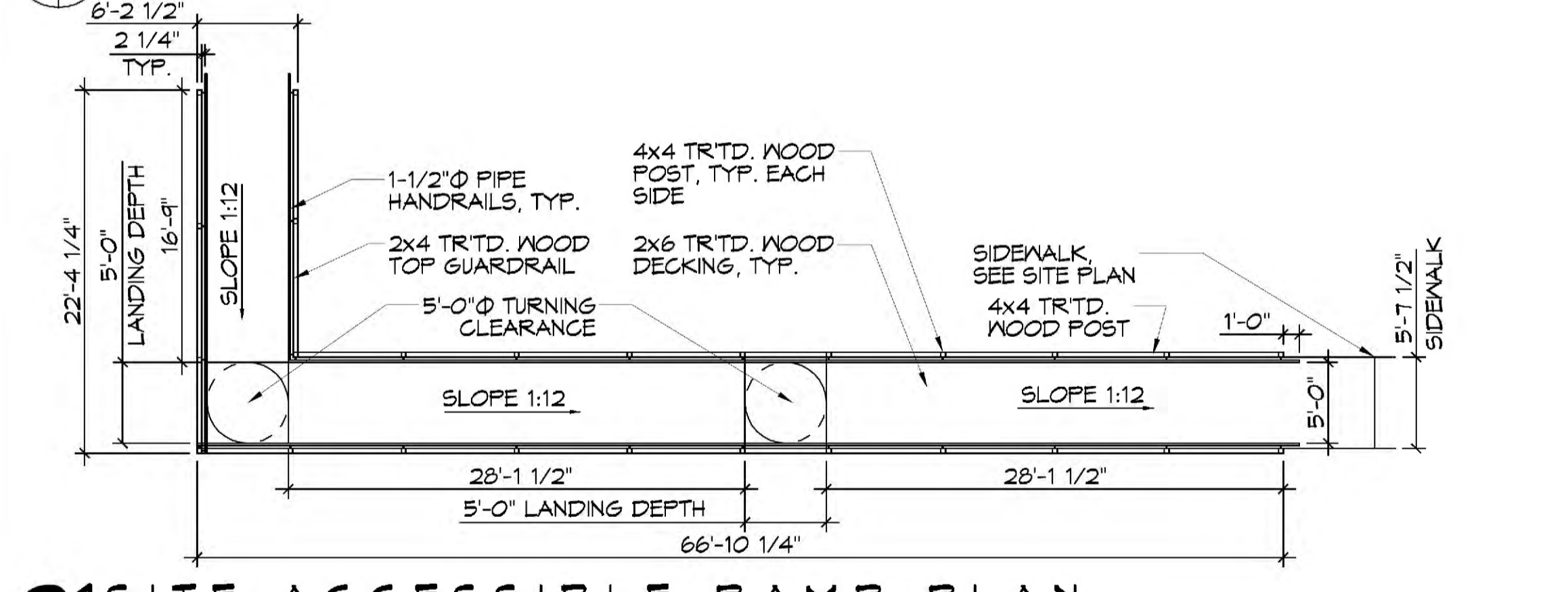




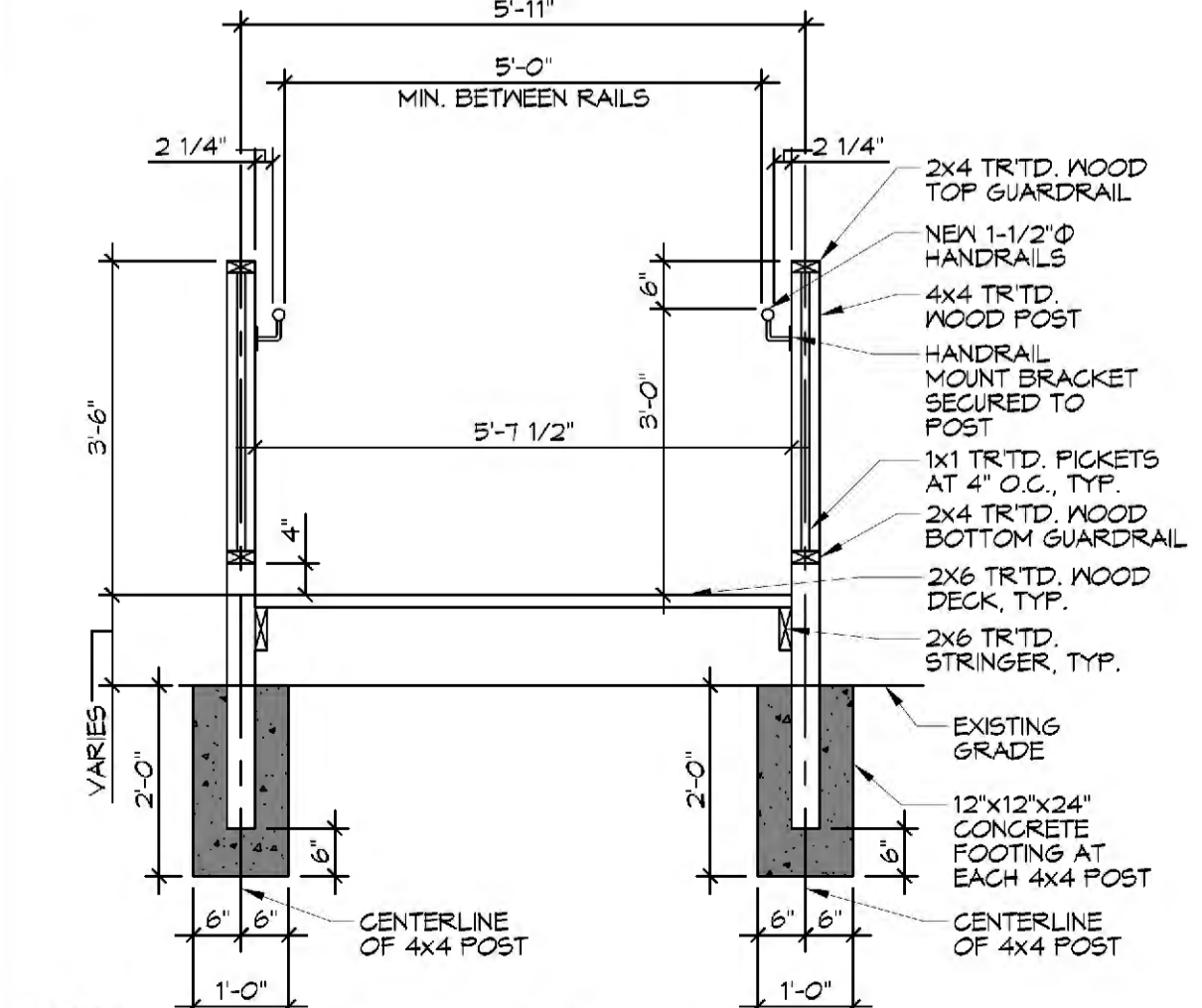
**A SITE ACCESSIBLE RAMP SECTION**  
SCALE: 3/8" = 1'-0"  
FIELD VERIFY 5'-2 3/4"  
FIELD VERIFY 5'-0" TYP.



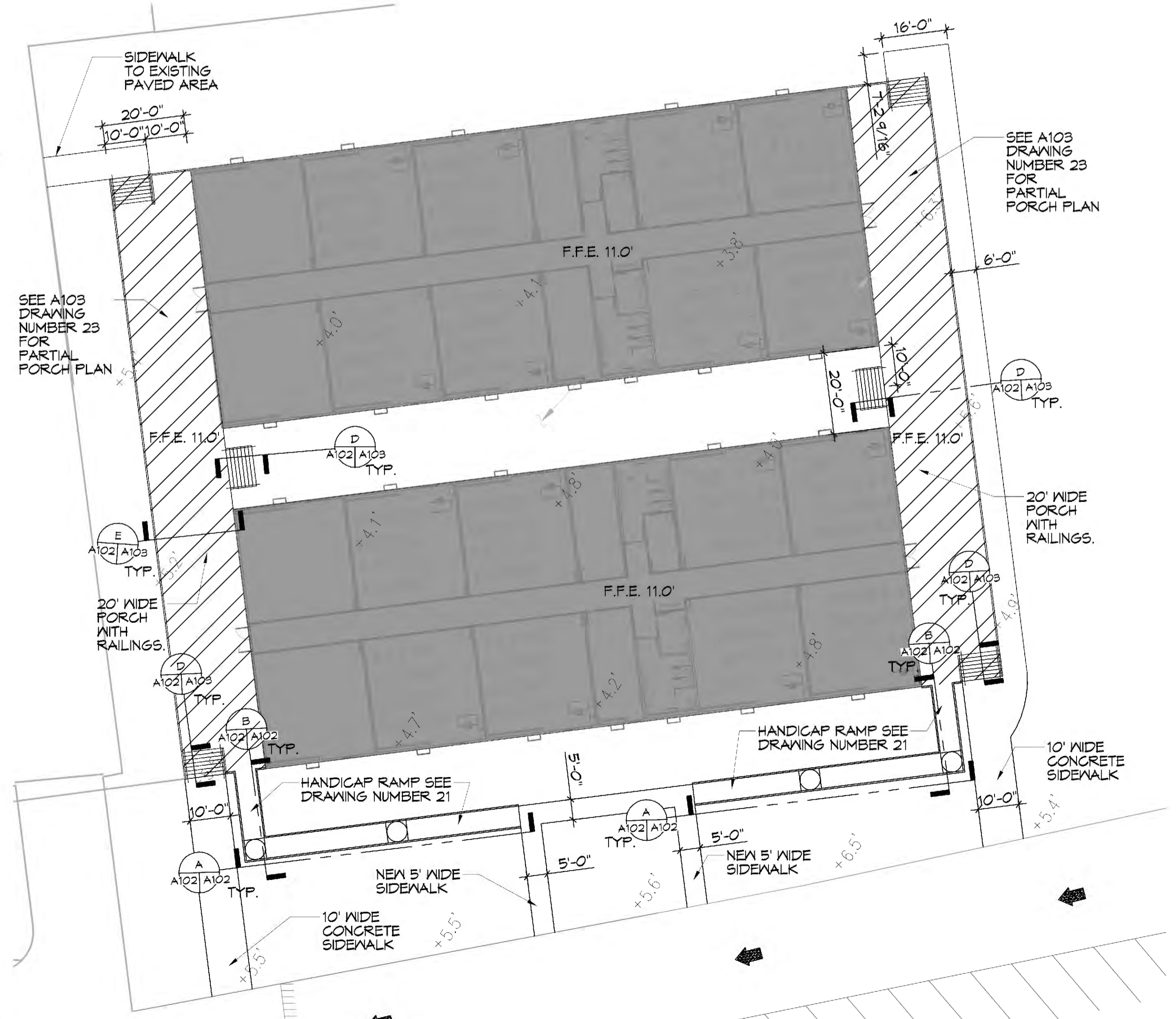
**B SITE ACCESSIBLE RAMP SECTION**  
SCALE: 3/8" = 1'-0"  
FIELD VERIFY 6'-6 3/4"  
FIELD VERIFY 3'-6"



**21 SITE ACCESSIBLE RAMP PLAN**  
SCALE: 1/8" = 1'-0"



**C RAMP SECTION**  
SCALE: 1/2" = 1'-0"  
TYPICAL CROSS-SECTION



**22 ADA RAMP SITE PLAN**  
SCALE: 1" = 20'

**DAMMON ENGINEERING, INC.**  
LOUISIANA & MISSISSIPPI  
www.dammonengineering.com  
info@dammonengineering.com  
594 Old Spanish Trail  
Slidell, LA 70488  
Chief Engineer: Brian Albrecht, PE  
PH: 985.649.8832 F: 985.641.9590

#	DESCRIPTION	DATE

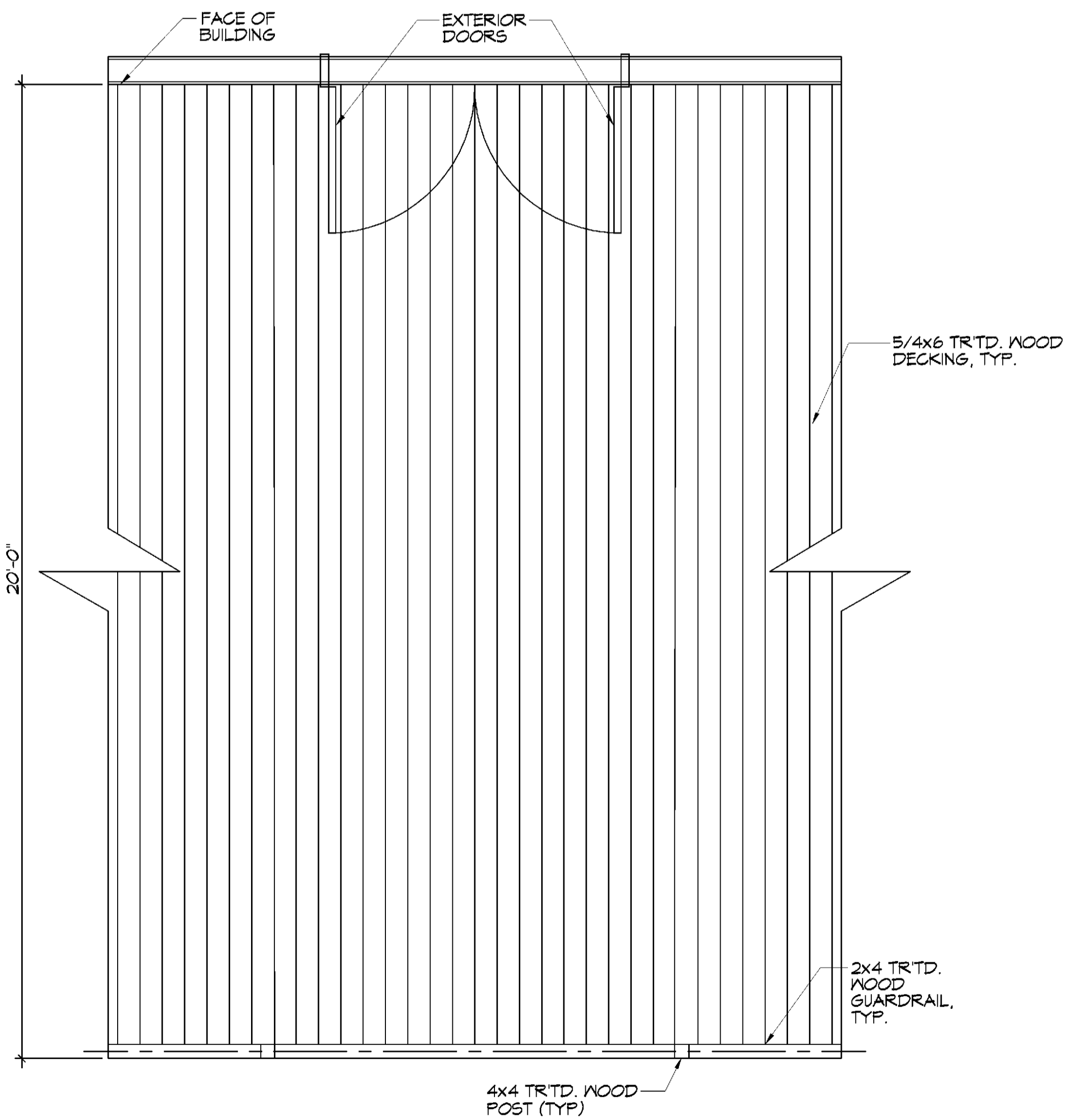


REVIEWED FOR STATE FIRE MARSHAL AS PER REVIEW LETTER BY: JULIE LITTLE ARCHITECT

**KRISTEN LAKE**  
1920 CANULETTE RD.  
SLIDELL, LA 70489  
JOB No: 2440 DATE: 06-10-2021  
DRAWN BY: JAS RLD CHECKED BY: JAS

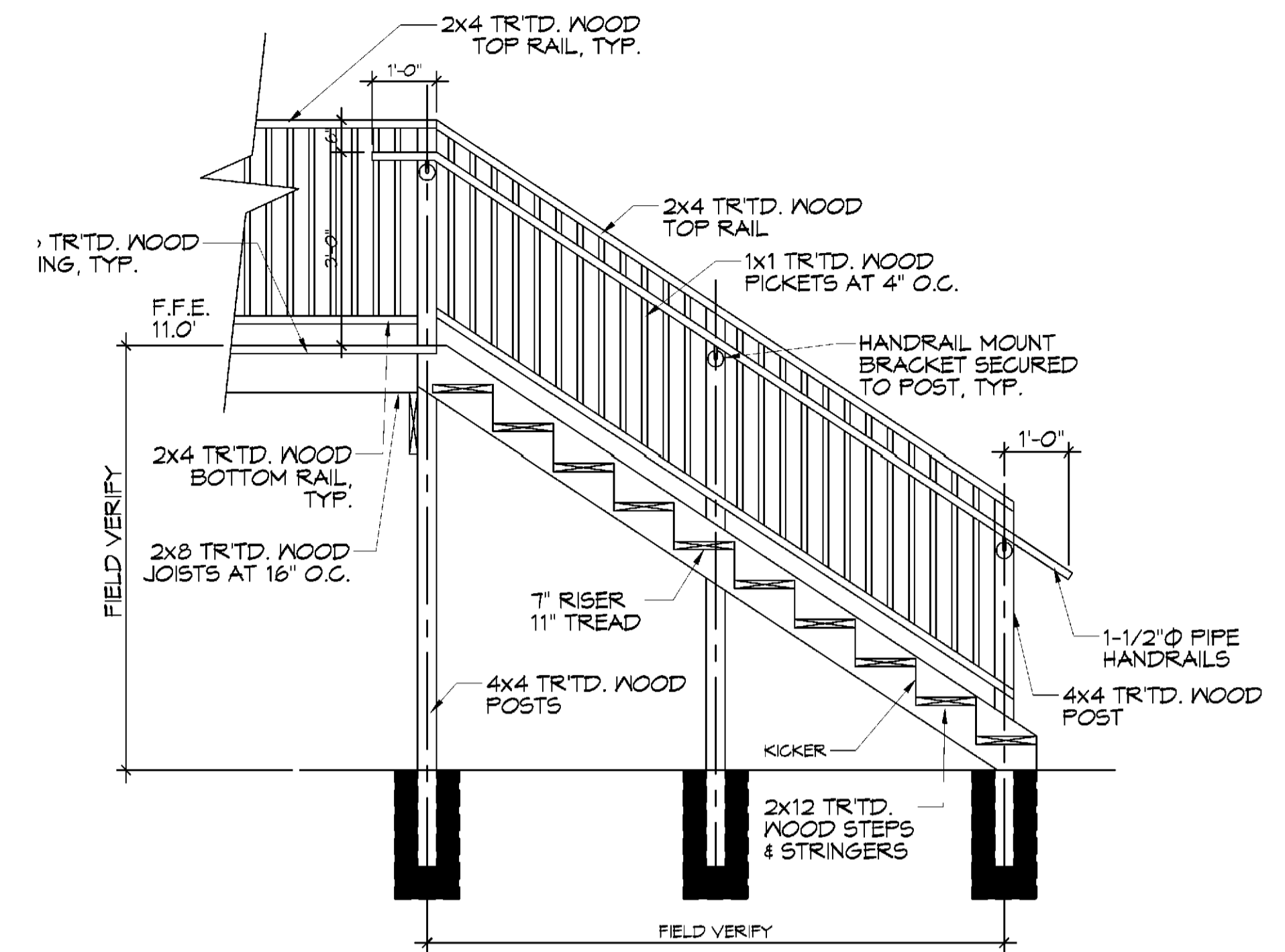
SHEET TITLE:  
ADA ACCESSIBLE RAMP PLAN, SECTIONS, AND DETAILS  
DRAWING NUMBER:  
**A102**  
SHEET No: 7 of 11

P:\Projects\23 Partial Porch\23 Partial Porch.dwg - 10/21/2021 10:00 AM - 10/21/2021 10:00 AM  
 P:\Projects\23 Partial Porch\23 Partial Porch.dwg - 10/21/2021 10:00 AM - 10/21/2021 10:00 AM  
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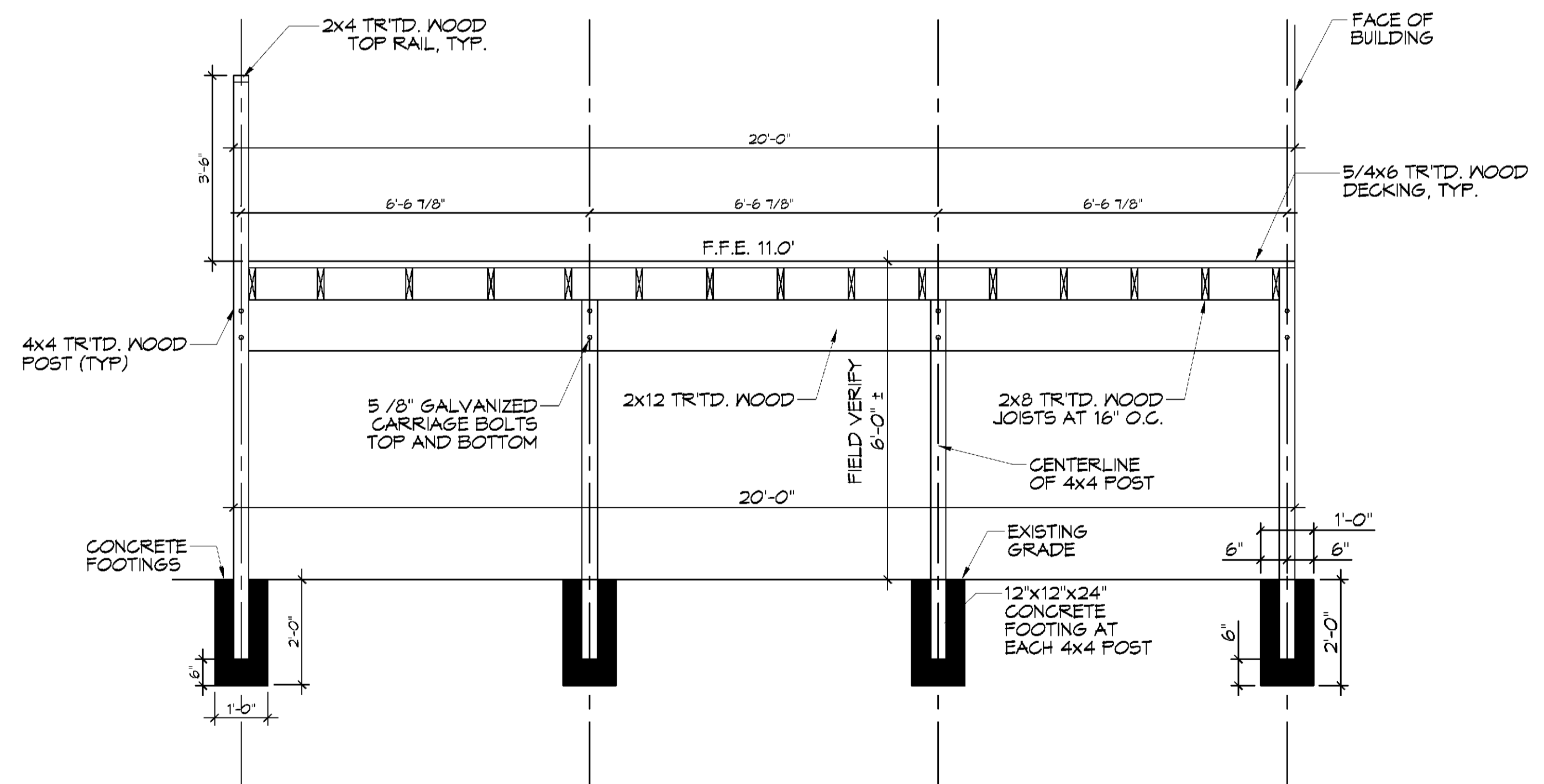


**23 PARTIAL PORCH PLAN**  
SCALE: 1/2" = 1'-0"

PARTIAL PORCH PLAN



**D TYP. STAIR SECTION**  
SCALE: 1/2" = 1'-0"

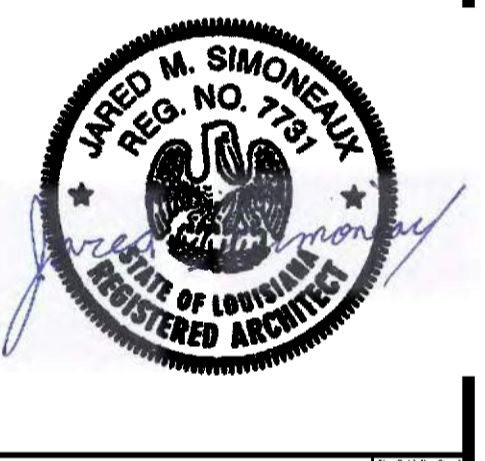


**E PORCH SECTION**  
SCALE: 1/2" = 1'-0"

PORCH FRAMING

**DAMMON ENGINEERING, INC.**  
 LOUISIANA & MISSISSIPPI  
 Chief Engineer: Brian Metch, PE  
 504 Old Spanish Trail  
 Slidell, LA 70458  
 www.dammonengineering.com  
 info@dammonengineering.com  
 PH: 985.649.2342 F: 985.649.2343

#	DESCRIPTION	DATE



REVIEWED FOR  
 STATE FIRE MARSHAL  
 AS PER REVIEW LETTER  
 BY: JULIE TITLE ARCHITECT  
*Julie Title*

LUCAS ACADEMY  
 1000 CANILLETTE RD.  
 SLIDELL, LA 70458  
 JOB NO: 2440 DATE: 06-10-2021  
 DRAWN BY: JAS  
 RLD / CHECKED BY: JAS

SHEET TITLE:  
 PORCHES & STAIRS -  
 PLANS & DETAILS

DRAWING NUMBER:

**A103**





