

GENERAL NOTES:

- 1) FOUNDATION TO BE DESIGNED AND BUILT TO IRC-2012 PLUS GALVESTON AMENDMENTS AND IRC-2018 FOR TDI
- 2) DESIGN WIND VELOCITY IS 150 MPH 3 SEC GUST VULT. EXPOSURE D (130 MPH 3 SEC GUST Vasd , EXPOSURE C)
- 3) DESIGN PRESSURES:
 - A) ROOF: CORNER +26 /- 95 PSF, EDGE +26 /- 70 PSF, INTERIOR +27 /- 53 PSF, MRH 22'
 - B) EXPOSED DECK: CORNER +24 /- 89 PSF, EDGE +24 /- 65 PSF, INTERIOR +24 /- 49 PSF, DECK HEIGHT 14'
- 4) DESIGN LOADS:
 - A) FLOORS: COMMON AREAS: 40 PSF , BEDROOMS 30 PSF
 - B) DECK 40 PSF LIVE PLUS DEAD LOAD PLUS WIND LOAD
 - C) STAIRS 40 PSF LIVE PLUS DEAD LOAD PLUS WIND
 - D) RAILINGS 50 PLF AND 300 LB POINT LOAD
- 5) ALL EXPOSED WOOD TO BE TREATED TO EXTERIOR TREATING SPECS
- 6) ALL WOOD TO BE NO 2 SYP MINIMUM GRADE UNLESS STATED OTHERWISE
- 7) DECK BOARDS TO BE ATTACHED TO JOISTS AND RAILING PICKETS TO BE WITH EITHER 2 ½ INCH HDG OR SS RING SHANK NAILS OR NO. 8 SS SCREWS. PICKETS SHALL BE FASTENED WITH NO. 8 , 2 ¾" MIN SS SCREWS.
- 8) ALL STAIR AND RAILINGS OPENINGS TO BE 4 INCHES MAXIMUM. STAIR STRINGERS AND RISERS TO BE CLOSED.
- 9) POSTS THAT ARE EMBEDDED IN GROUND MUST BE TREATED TO 0.6 CCA OR EQUIVALENT WITH NEW CHEMISTRY
- 10) IF RAILING POSTS TO BE NOTCHED, THEY MUST BE 4X6 IN MINIMUM. WHERE BOLTED INSIDE RIM JOISTS WITH NO NOTCHING THEY MAY BE 4X4.
- 11) ALL EXPOSED FASTENERS TO BE HDG MINIMUM, USE SS FASTENERS FOR FIRST DECK ABOVE WATER.
- 12) STRINGER BOLTS TO BE ¾" HDG MIN MACHINE BOLTS. RAILING BOLTS TO BE ½" HDG MACHINE BOLTS WHERE POSSIBLE. STRUCTURAL LAGS MAY BE SUBSTITUTED AFTER CONSULTATION WITH ENGINEER.
- 13) JOIST HOLDDOWN BLOCKS TO BE NAILED IN SHEAR BETWEEN STRINGERS AND FACE NAILED INTO JOISTS WITH 10D MIN HDG FRAMING NAILS; 5 NAILS PER DIRECTION
- 14) POSTS AND/OR PILES CANNOT BE NOTCHED MORE THAN 50% OF CROSS SECTION.
- 15) BUILDER TO CONSULT WITH THE ENGINEER BEFORE MAKING ANY SUBSTITUTIONS OR CHANGES TO THE SPECIFICATIONS OR DRAWING DETAILS.
- 16) TO OBTAIN TDI WPI-8 CERTIFICATION, WINDSTORM INSPECTIONS ARE REQUIRED AT FOLLOWING STAGES:
 - A) FOUNDATION
 - B) FRAMING (GIRDERS, JOISTS AND DECK BOARDS)
 CONTRACTOR IS RESPONSIBLE TO CALL OUT TO WINDSTORM INSPECTOR AT EACH REQUIRED INSPECTION STEP

CONCRETE

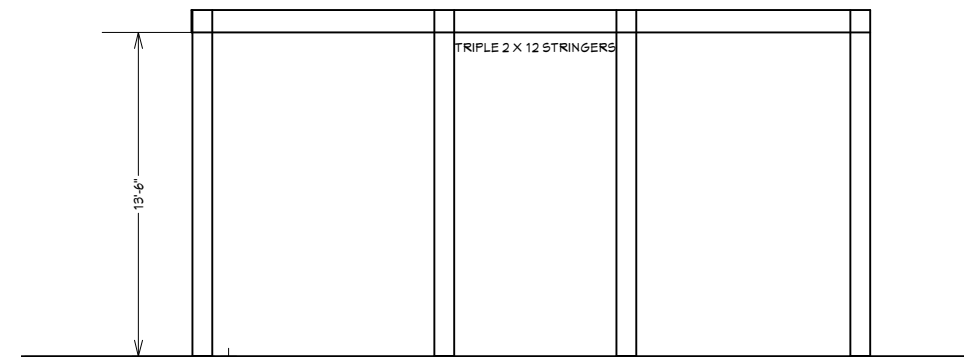
ALL CONCRETE WORK SHALL COMPLY WITH BUILDING CODE REQUIREMENT FOR REINFORCED CONCRETE ALL CONCRETE SHALL BE NORMAL WEIGHT AGGREGATE WITH MINIMUM TWENTY EIGHT (28) DAYS COMPRESSIVE STRENGTH @ 3000 PSI AND CONFORM TO ASTM C-94-86, FIVE SACK PER CUBIC YARD, SLUMP BETWEEN THREE AND FOUR INCHES (ADD NO WATER AT JOB SITE). CONCRETE SHALL BE CURED FOR SEVEN (7) DAYS AFTER PLACEMENT.

REINFORCING STEEL

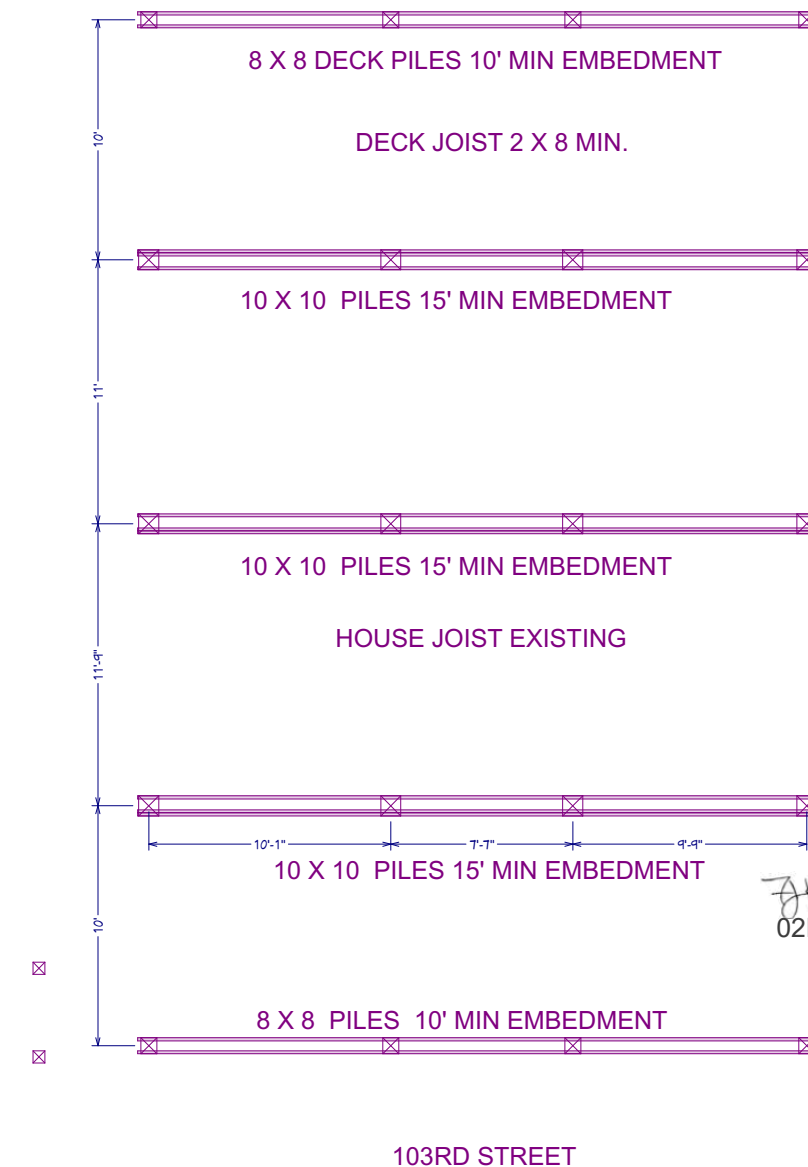
ALL REINFORCED STEEL SHALL COMPLY WITH ASTM A-615, GRADE 60, EXCEPT #3, OR #4 BARS, WHICH ARE BENT (STIRRUPS, DOWELS, AND TIES) AND MAY BE GRADE FORTY (40). UNLESS OTHERWISE SHOWN. USE NO 4 BAR, 16" OC MAX FOR FLATWORK. CONCRETE COVER FOR REINFORCING STEEL SHALL BE AS FOLLOWS: FOOTING: 3", GRADE BEAM: 1 ½" TOP, 2" SIDE, 3" BOTTOM REINFORCEMENT DETAILS AND PLACEMENT SHALL CONFORM WITH ACI-SP-66, AND ACI-318-1

Scope of Structural Work:

1. Lift up House at 1201 Pilot by joists, w/ lift beams; separate joists from stringers, remove old piles and lower house onto rolling stock
2. Move House into a side position at 1407 103rd St. and raise to sufficient height to clear driven piles.
3. Drive new 10" x 10" x 28 ft piles down to 15 ft min embedment; repositioning house as necessary for driver to reach all pile locations. Top of piles will be set to so lowest stringer is 13.25' above flatwork
4. Drive new 8x8 deck piles down to 10ft embedment
5. Bolt on 3 - No. 1 Grade 2x12 Stringers, 2 on one side, one other side.
6. Lower house into position with 1 ft overhangs all sides. Add joist uplft blocking.



Section Elevation
Scale: 1/8" = 1'-0"



Engineer Seal

WINDFORCE
1814 SEALY, REAR
GALVESTON, TX 77550
WWW.WINDFORCE.COM
409-422-WIND (9463)

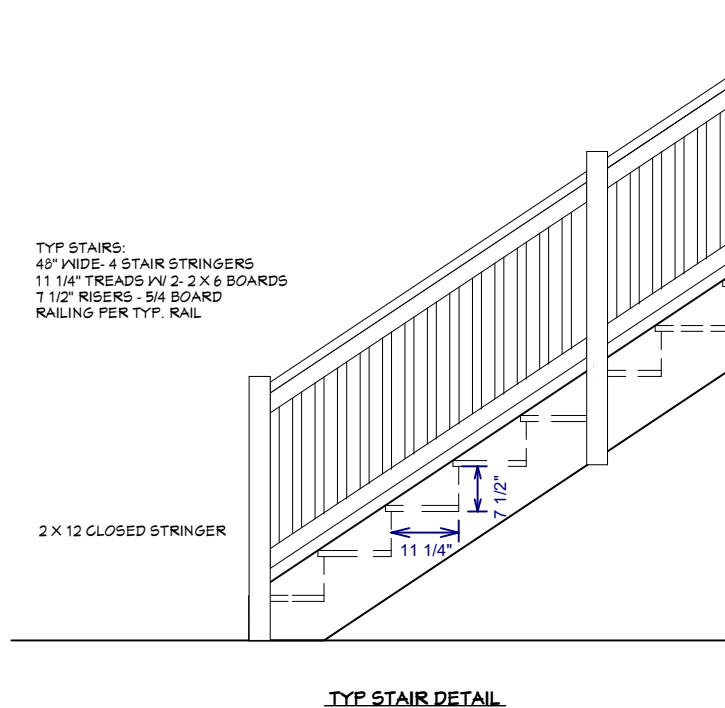
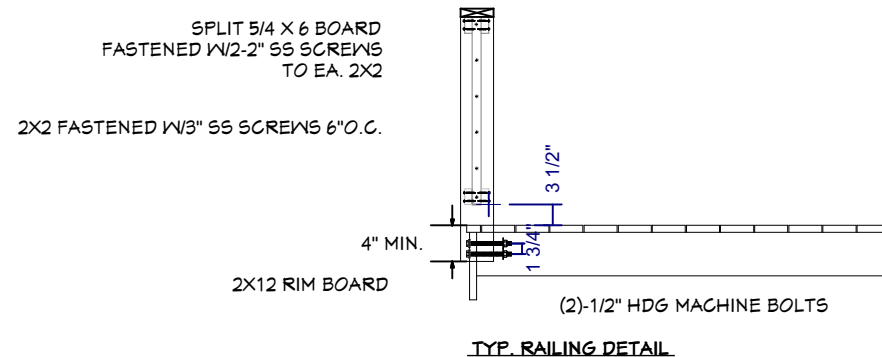
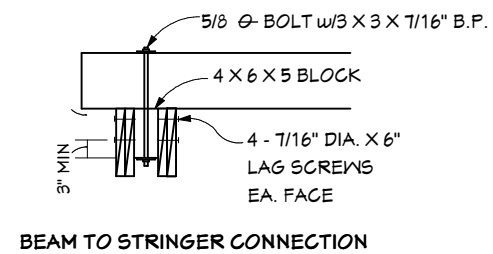
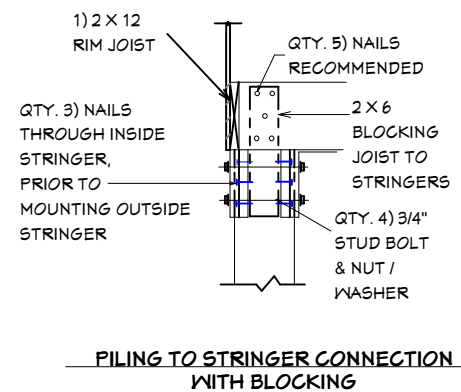
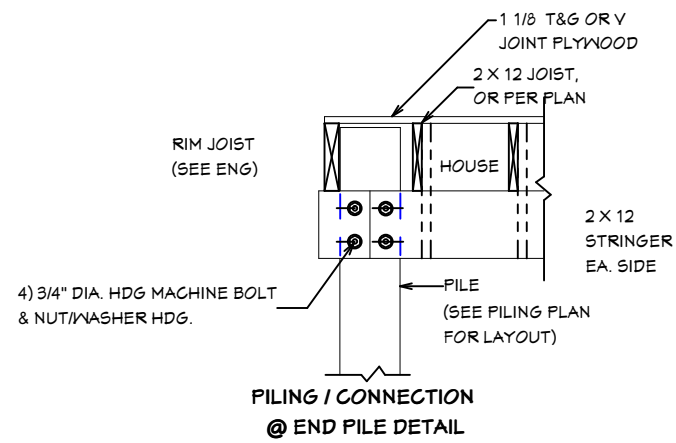
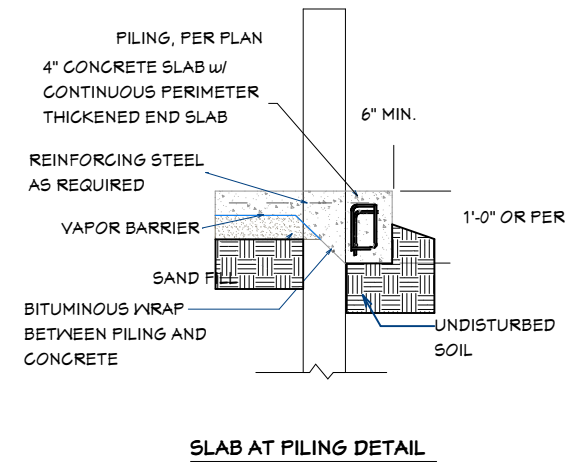
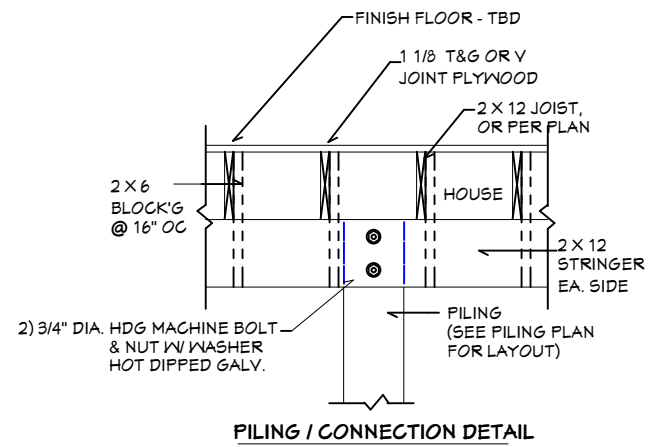
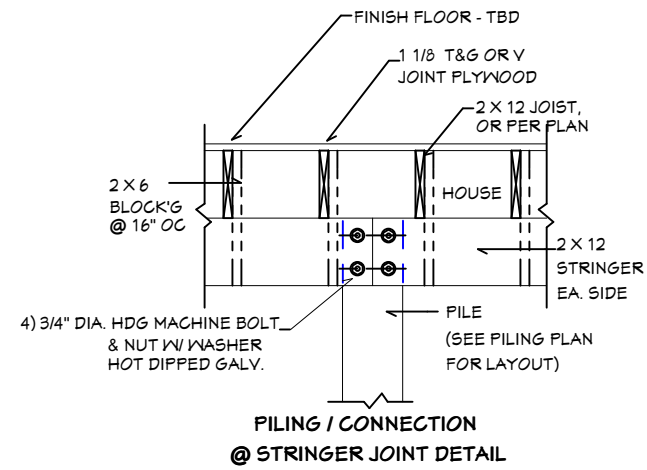
REVISION TABLE	NUMBER	DATE	REVISED BY	DESCRIPTION
	1	11/2/2020	MPD	

Pile Plan

1407 103rd Street
Galveston, Tx 77554

DATE:
11/2/2020
Sheet:
A-1

Pile Plan
Scale: 1/8" = 1'-0"



Francis J. Kleinschrodt
02Nov2020



Engineer Seal

WINDFORCE
1814 SEALY, REAR
GALVESTON, TX 77550
WWW.WINDFORCE.COM
409-422-WIND (9463)

REVISION TABLE	NUMBER	DATE	REVISED BY	DESCRIPTION
	1	11/2/2020	MPD	

Details Page 1

1407 103rd Street
Galveston, Tx 77554

DATE:
11/2/2020
Sheet:
A-2