PILING & FLOOR FRAMING NOTES

1. ALL PILINGS 6x6 AND GREATER MUST BE No. 2 GRADE SOUTHERN PINE OR BETTER
2. ALL PILINGS MUST BE TREATED WITH MINIMUM 0.6 WOLMANIZED CCA PRESERVATIVE
3. PILINGS SHOULD BE SET PLUMB AND TRUE AND LOCATED IN ACCORDANCE WITH THE PILING FOUNDATION PLAN
4. ALL PILINGS SHALL BE PILE DRIVEN, OR SET IN AN AUGURED HOLE AND BACK FILLED WITH BANK SAND
5. WRAP PILINGS WITH 30LB FELT 18" ABOVE AND BELOW GRADE
6. STRINGER AND FLOOR JOISTS SHALL BE MINIMUM SOUTHERN PINE No. 2, DOUGLAS FIR LARCH No. 2 OR EQUIVALENT.
7. MEMBERS THAT WILL BE EXPOSED TO THE ELEMENTS SHALL BE PRESSURE TREATED FOR MOISTURE PROTECTION
8. FLOOR JOISTS SHOULD BE PRESSURE BLOCKED IN ACCORDANCE WITH PROVIDED DETAIL. IF CLIPS ARE TO BE USED IN LIEU OF PRESSURE BLOCKING, ATTACHED FLOOR JOISTS TO STRINGERS WITH CLIPS HAVING AN UPLIFT CAPACITY GREATER THAN 1200LB AND PROVIDE BLOCKING BETWEEN JOISTS
9. GRADE OR PAVING UNDER PILING FOUNDATION SHALL BE SLOPED TO DRAIN AWAY FROM STRUCTURE
10. ANY CONCRETE UNDER PILING FOUNDATION IS CONSIDERED PAVING AND IS CONSIDERED TO CARRY NO LOADS FROM THE STRUCTURE

FOUNDATION FASTENERS

1. ALL BOLTS, NAILS, OR ANY OTHER FASTENERS USED TO CONSTRUCT THE FOUNDATION SHOULD RECEIVE CORROSION RESISTANCE TREATMENT IN ACCORDANCE WITH THE IBC 2018 FOR OPEN AREAS.
2. ALL BOLTS ATTACHING STRINGERS OR BEAMS TO PILINGS SHALL MEET ASTM A307
3. ALL BOLTS ATTACHING STRINGERS OR BEAMS TO PILINGS SHALL HAVE SQUARE WASHERS

FLOOD ZONE REQUIREMENTS

1. THE CONTRACTOR IS RESPONSIBLE FOR BEING FAMILIAR WITH THE ELEVATION CERTIFICATE. LYNN ENGINEERING IS NOT RESPONSIBLE FOR VERIFYING FINISHED FLOOR ELEVATIONS IN RELATION TO THE BASE FLOOD ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR BEING FAMILIAR WITH THE FLOOD ZONE FOR THIS PROJECT AND SHALL BE KNOWLEDGEABLE OF THE ALLOWED CONSTRUCTION FOR ENCLOSURES BELOW THE BASE FLOOD ELEVATION.
3. IF AN ELEVATION CERTIFICATE IS PROVIDED, LYNN ENGINEERING WILL COMMENT ON THE CONSTRUCTION REQUIREMENTS FOR FEMA DESIGNATED FLOOD ZONES.

WIND BOURNE DEBRIS PROTECTION	
SEAWARD AREAS	ALL GLAZED OPENINGS TO BE IMPACT RESISTANT, OR BE COVERED BY A TDI APPROVED SHUTTER.
INLAND I AREAS	WOOD STRUCTURAL PLYWOOD PANELS WITH A MINIMUM THICKNESS OF 15/32" AND A MAXIMUM SPAN OF 8'-0" SHALL BE PERMITTED FOR OPENING PROTECTION IN ONE AND TWO STORY BUILDINGS. PANELS SHALL BE PRE-CUT SO THAT THEY SHALL BE ATTACHED TO THE BUILDINGS FRAMING SURROUNDING THE OPENING CONTAINING THE PRODUCT WITH THE GLAZED OPENING. PANELS SHALL BE INSTALLED ON THE EXTERIOR SIDE OF THE BUILDING. PANELS SHALL BE LABELED OR MARKED TO INDENTIFY THE PROPER INSTALLATION LOCATION ON THE BUILDING. PANELS SHALL BE SECURED WITH THE ATTACHMENT HARDWARE PROVIDED. INSTALLATION INSTRUCTIONS SHALL BE PROVIDED. ATTACHMENTS SHALL BE DESIGNED TO RESIST THE COMPONENT AND CLADDING LOADS DETERMINED IN ACCORDANCE WITH EITHER TABLE R301.2(2) OR ASCE 7.
CORROSION RESISTANCE FOR METAL CONNECTORS AND FASTENERS	
SEAWARD AREAS	FOR OPEN AREA: METAL CONNECTORS & FASTENERS IN OPEN AREAS SHALL BE EITHER STAINLESS STEEL & ASTM A167; HOT-DIP GALVANIZED AFTER FABRICATION AND MEET ASTM A123 OR ASTM A153; OR HOT-DIP GALVANIZED PRIOR TO FABRICATION AND MEET ASTM A653. FOR VENTED OR ENCLOSED AREA: METAL CONNECTORS AND FASTENERS LOCATED IN VENTED OR ENCLOSED AREAS SHALL BE HOT-DIP GALVANIZED OR ELECTROGALVANIZED IN ACCORDANCE WITH ASTM A641; MECHANICALLY DEPOSITED ZINC COATINGS IN ACCORDANCE WITH ASTM B695; OR ELECTRODEPOSITED ZINC COATINGS IN ACCORDANCE WITH ASTM B633.
INLAND I AREAS	FOR OPEN AREAS: METAL CONNECTORS & FASTENERS IN OPEN AREAS SHALL BE EITHER STAINLESS STEEL AND ASTM A167; HOT-DIP GALVANIZED AFTER FABRICATION AND MEET ASTM A123 OR ASTM A153; HOT-DIP GALVANIZED OR GALVANNEALED PRIOR TO FABRICATION AND MEET ASTM A653; HOT DIP GALVANIZE OR ELECTROGALVANIZED IN ACCORDANCE WITH ASTM A641; MECHANICALLY DEPOSIT ZINC COATINGS IN ACCORDANCE WITH ASTM B695; OR ELECTRODEPOSITED ZINC COATINGS IN ACCORDANCE WITH ASTM B633. FOR VENTED OR ENCLOSED AREAS: METAL CONNECTORS AND FASTENERS LOCATED IN VENTED OR ENCLOSED AREAS SHALL BE EPOXY-COATED IN ACCORDANCE WITH ASTM A849.
INLAND II AREAS	FOR OPEN AREAS: SEE REQUIREMENTS FOR OPEN AREAS 'INLAND I'

SPAN CHART

SOUTHERN PINE #2	2X4	2X6	2X8	2X10	2X12
RAFTERS, L/240 LIVE LOAD = 20 PSF	8'-7"	13'-5"	17'-1"	20'-3"	23'-10"
FLOOR JOISTS, L/360 LIVE LOAD = 40 PSF	-	8'-6"	10'-10"	12'-10"	15'-1"
CEILING JOISTS, L/240 LIVE LOAD = 20 PSF	8'-0"	12'-0"	15'-3"	18'-1"	21'-4"

SHEET S 0.00

LYNN ENGINEERING
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BAY CITY, TEXAS 77414
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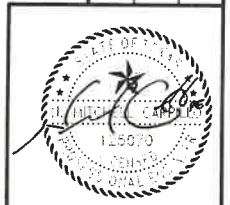
FAX: (979) 245-5345

JOB No: 36155
DRAWN BY: LLC
SCALE: AS SHOWN
DATE: 2/9/2021

RICHARD GARRETT
255 GULFVIEW, SARGENT, TX 77414

GENERAL NOTES



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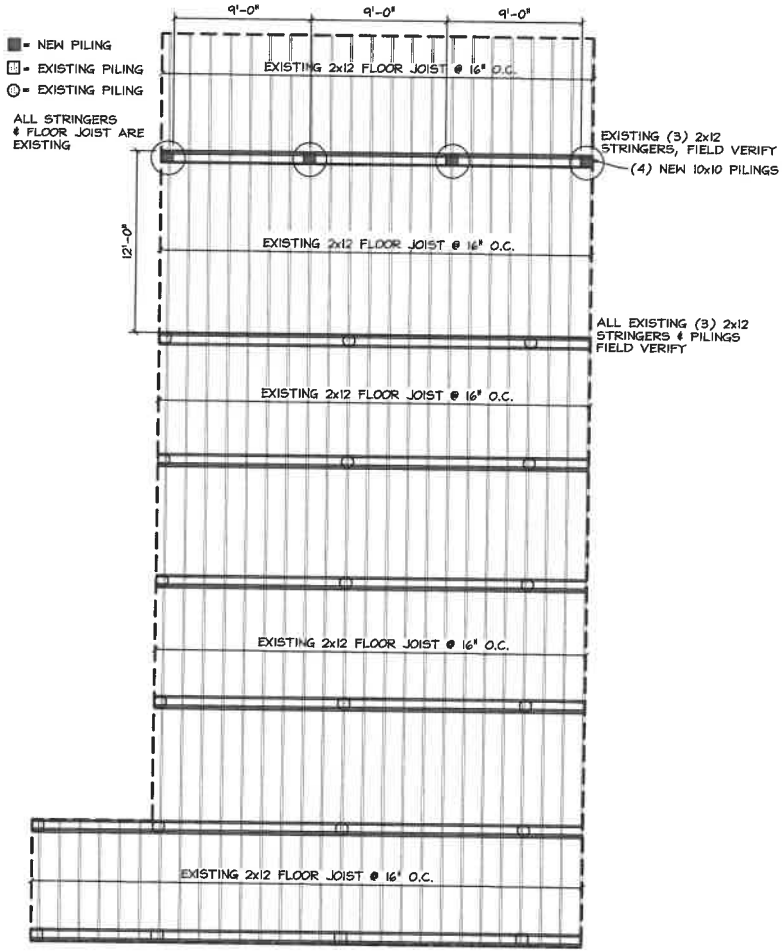
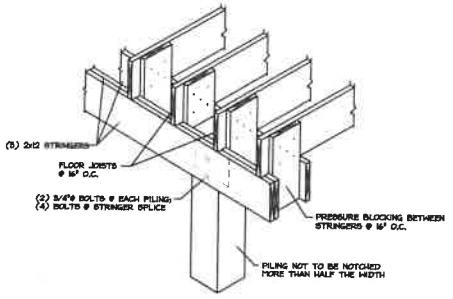


FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING THE DIMENSIONS WITH ARCH PLANS/OWNER



PILING TO STRINGER CONNECTION

N.T.S.

FRAMING NOTES:

1. ALL PILINGS MUST BE DRILLED AND INSTALLED TRUE, STRAIGHT AND PLUMB. IF WATER IS ENCOUNTERED CONTACT PROFESSIONAL ENGINEER BEFORE PROCEEDING.
2. ALL PILINGS SHALL BE SET TO A DEPTH OF 12'.
3. WRAP PILINGS WITH 30LB. FELT 18" ABOVE AND BELOW GRADE.
4. PROVIDE PRESSURE BLOCKING BETWEEN STRINGERS @ 16" O.C., USE 5 NAILS EACH SIDE & 5 NAILS TO FLOOR JOIST.
5. FOR ELEVATIONS OF LOWEST HORIZONTAL MEMBER AND FINISHED FLOOR, PLEASE SEE ELEVATION CERTIFICATE.

NUMBER OF STRINGERS PER POST	ALLOWABLE NUMBER OF SPLICES PER SIDE OF POST
3	1
3	1
4	1

NOTE: ANY AND ALL POSTS WITH ONLY 2 STRINGERS MUST NOT HAVE BOTH SPLICES LAND ON ONE POST.

REVISIONS

SHEET S 1.00

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