

1 EXISTING/PROPOSED SITE PLAN
1/16" = 1'-0"

General Zoning Code and Building Code Notes
 - All exit doors must be keyless in the direction of egress.
 - Glazing in doors, sidelights, windows less than 1'0" to the floor, and skylights must have safety glazing.
 - Provide GFCI outlets in all wet areas. Provide arc-fault int. outlets in bedrooms.
 - Structural required design loads:
 Roof: 15 psf live load + 25 psf snow load + 20 psf dead load = 60 psf total load
 Floor: 40 psf live load + 20 psf dead load = 60 psf total load
 Porch, Deck, Exterior Stair: 40 psf live load + 20 psf dead load = 60 psf total load

General Notes
 - The Contractor shall verify all dimensions prior to proceeding with construction and notify the Architect immediately if there are any discrepancies.
 - Dimensions govern. Large scale details govern over small scale plans. Do not scale drawings.
 - The contractor shall be responsible for arranging with the Owner for the location of storage of building material.
 - The General Contractor for the project shall be responsible for obtaining all required building permits if not currently obtained by the Owner.
 - All work shall comply with the Village of Naperville building code, electrical code, plumbing code, mechanical/ventilation code and zoning ordinances, etc.
 - Verify all structural conditions before the removal of existing building components. Support the existing structure as required to allow for the insertion of the new construction. Remove all finishes to expose the existing structure. Notify the Architect for his review of the existing conditions.
 - All trim shall match the existing unless noted otherwise.
 - Cap/Remove/relocate utilities not required for the new configuration.
 - Seal area of construction from the remaining house to eliminate dust and debris in non-construction areas.

General Structural Notes
STRUCTURAL REQUIRED DESIGN LOADS:
 Roof: 15 psf live load + 25 psf snow load + 20 psf dead load = 60 psf total load
 Floor: 40 psf live load + 20 psf dead load = 60 psf total load
 Porch, Deck, Exterior Stair: 40 psf live load + 20 psf dead load = 60 psf total load

SOIL BEARING PRESSURE USED IN DESIGN:
 - 3000 PSF AT DEPTH BELOW GRADE AS INDICATED ON THE DRAWINGS.
 BEARING VALUES SHALL BE FIELD VERIFIED BY A QUALIFIED TESTING AGENCY

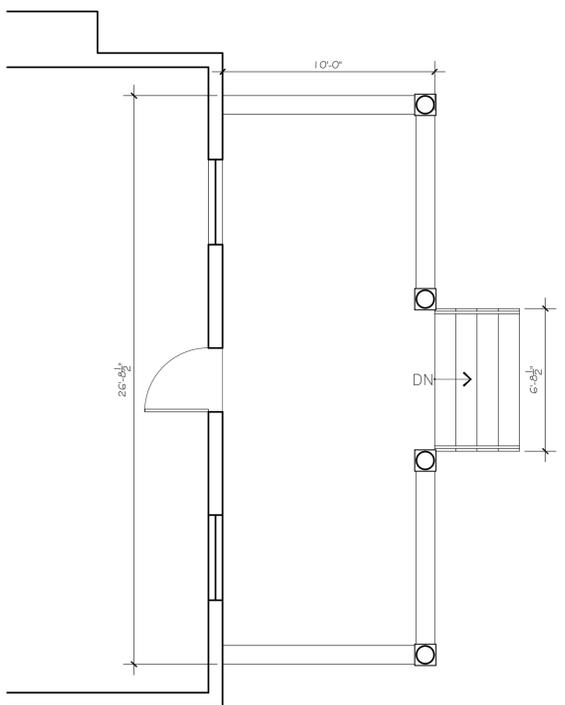
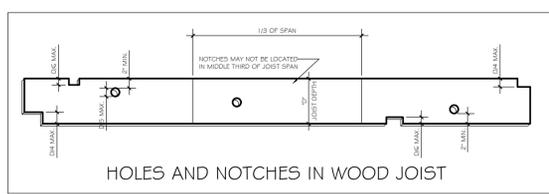
CONCRETE AND REINFORCEMENT:
 - ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE "AMERICAN CONCRETE INSTITUTE BUILDING CODE" (ACI 318) AND WITH "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI 301), LATEST EDITIONS.
 - UNLESS OTHERWISE SHOWN OR NOTED ALL CONCRETE WORK SHALL CONTAIN MINIMUM REINFORCEMENT AS REQUIRED BY ACI 318.
 CONCRETE STRENGTHS USED IN DESIGN:
 - ALL CONCRETE SHALL ATTAIN 4000 PSI 28 DAYS ULTIMATE COMPRESSIVE STRENGTH UNLESS OTHERWISE NOTED ON DRAWINGS.

WOOD:
 - MINIMUM LUMBER STRESS GRADES SHALL BE AS FOLLOWS:
 - DOUGLAS-FIR LARCH NO. 2 OR MIXED SOUTHERN PINE NO. 1.
 - MAXIMUM ALLOWABLE MOISTURE CONTENT SHALL BE 19%.
 - ALL WOOD USED IN CONDITIONS CONDUCTIVE TO DECAY SHALL BE PRESSURE-PRESERVATIVE TREATED WOOD.

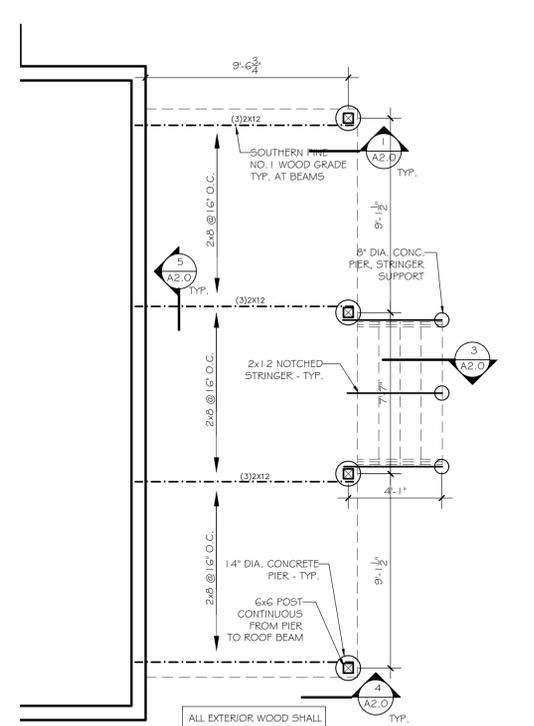
PROVIDE SUBMITTAL OF SHOP DRAWINGS TO THE PROFESSIONAL OF RECORD FOR REVIEW OF PRE-FABRICATED ITEMS.

THE PORCH, BALCONY AND STAIR GUARDRAIL SYSTEM MUST RESIST A LATERAL POINT LOAD OF 200 POUNDS AT ANY POINT OF THE GUARDRAIL OR A CONTINUOUS LOAD OF 50 POUNDS ALONG THE TOP FULL LENGTH OF THE GUARDRAIL. THESE ARE PREFABRICATED ITEMS. MANUFACTURER TO SUBMIT SHOP DRAWINGS INDICATING COMPLIANCE WITH THESE REQUIREMENTS FOR REVIEW BY THE PROFESSIONAL OF RECORD.

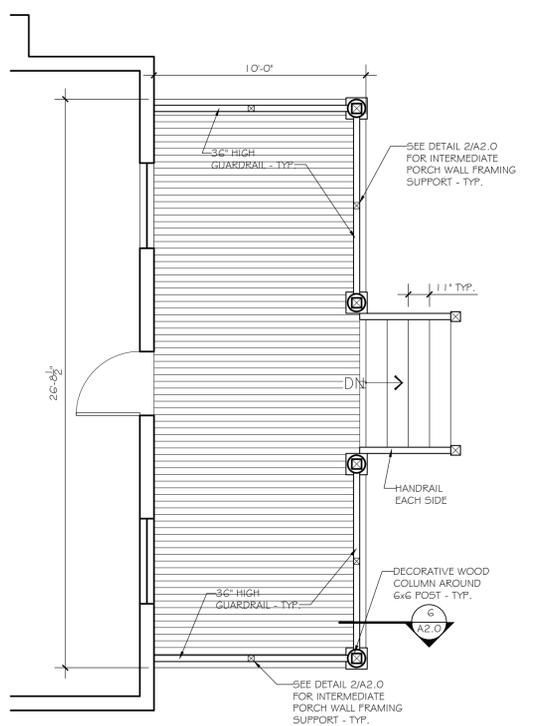
ADOPTED STANDARDS:
 - THE FOLLOWING SHALL BE DEEMED TO REPRESENT ACCEPTED ENGINEERING PRACTICE WITH RESPECT TO THE MATERIALS, EQUIPMENT, SYSTEMS AND METHODS OF CONSTRUCTION RESPECTIVELY SPECIFIED HEREIN, EXCEPT AS OTHERWISE SPECIFICALLY PROVIDED IN THESE DOCUMENTS.
 (a) Masonry.
 Building Code Requirements for Masonry Structures ACI 530-92/ASCE 5-92/TMS 402-92
 (b) Wood.
 National Design Specification For Wood Construction - with 1991 Supplement ANS/INFPANDS-91
 Design values for wood construction ANS/NFPA 1991
 Structural glued laminated timber ANSI/AITC A 190, 1-9
 Construction and industrial plywood DOC P5 1-83
 American national standard for hardwood and decorative plywood ANS/HPMA HP-83
 Plywood design specification APA-66
 Structural design guide for hardwood plywood wall panels HP-5G-86
 Wood particleboard ANSI A208.1-93
 Performance standards and policies for structural use panels APA PRP-1 08-88
 Design specification for metal plate connected wood trusses TPI-85
 Design specification for metal plate connected parallel chord wood trusses TPI-PCT-80
 Pressure treatment - general, requirement, all timber products AWWA C1-92
 Pressure treatment - lumber, timber bridge ties and mine ties AWWA C2-92
 Pressure treatment - plywood AWWA C9-90
 Fire-retardant treatment by pressure process - structural lumber AWWA C20-91
 Fire-retardant treatment by pressure process - plywood AWWA C27-91
 (c) Reinforced Concrete.
 Building Code Requirements for Reinforced Concrete ACI-318-71
 Building Code Requirements for Structural Plan Concrete ACI-322-72
 (d) Steel and Metals.
 Specification for Structural Steel Buildings Allowable Stress and Plastic Design AISC 1989 Edition
 Specification for the Design of Cold Formed Steel Structural Members AISC 1986 Edition
 Load and Resistance Factor Design Specification for Structural Steel Buildings AISC 1986 Edition
 Standard Specifications, Load Table and Weight Tables for Steel Joists and Joist Girders, 1990 Edition, adopted by the Steel Joist Institute (SJI) and containing the following:
 Standard Specification for Open Web Steel Joists, K-Series SJI 1989
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 (e) Plastering.
 Including American Standard Specifications for Gypsum Plastering and Interior Lathing and Furring A42.1-1955 and A42.4-1955
 Standard Specifications for Portland Cement Stucco and Portland Cement Plastering ASA-A 42.2-1946 ASA-A 42.3-1946
 (f) Single-Family Dwellings.
 Minimum Property Requirements for Properties of One-or Two-Family Living Units Located in the State of Illinois, Sections 402, 403, 406, 408 and 410 to 414 inclusive, except "Note" to, and paragraph 3 of, Section 406-G shall not apply. See Section 68-5(b) which excepts FHA requirement 406-E, 4a, FHA-1947



2 EXISTING FLOOR PLAN
1/4" = 1'-0"



3 PROPOSED FOUNDATION PLAN
1/4" = 1'-0"



4 PROPOSED FLOOR PLAN
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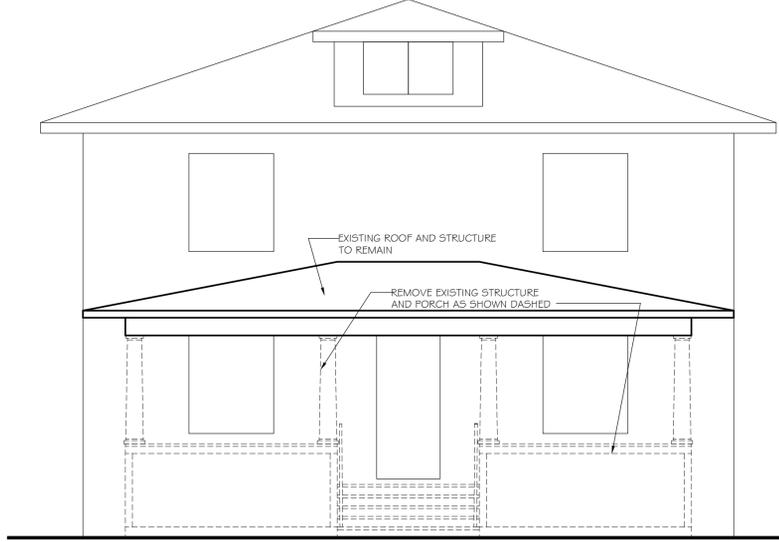
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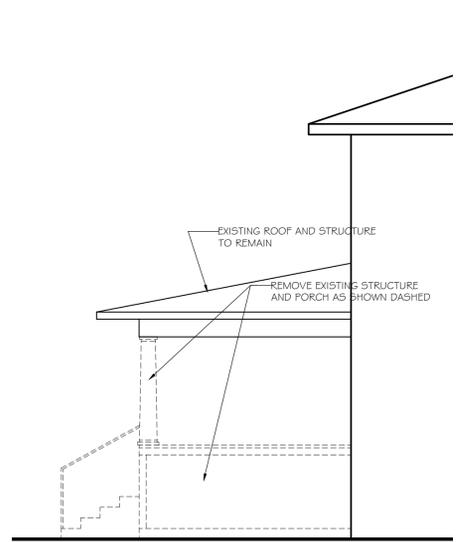
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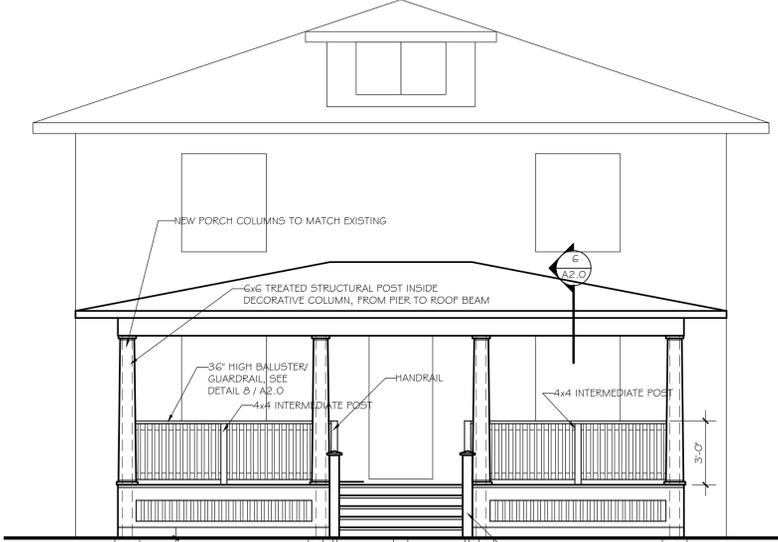
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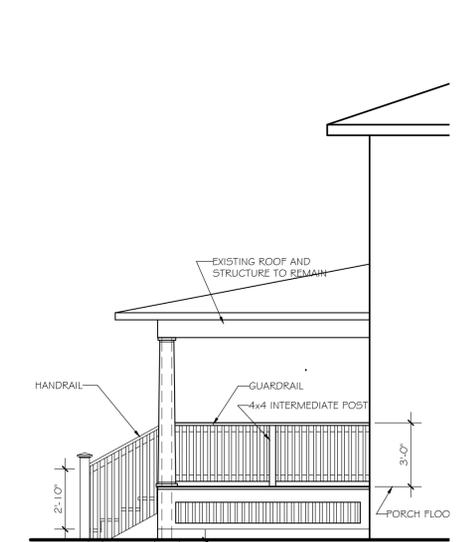
5 EXISTING EAST ELEVATION
1/4" = 1'-0"



6 EXISTING NORTH/SOUTH ELEV.
1/4" = 1'-0"



7 PROPOSED EAST ELEVATION
1/4" = 1'-0"



8 PROPOSED NORTH/SOUTH ELEV.
1/4" = 1'-0"



Messerle Architects
 10430 South Hoyne Avenue
 Chicago, Illinois 60643
 773.238.9686

DATE	REVISIONS AND SUBMISSIONS
2/4/2019	ISSUED FOR PERMIT

THESE DRAWINGS & SPECIFICATIONS HAVE BEEN PREPARED UNDER MY DIRECT SUPERVISION AND TO THE BEST OF MY KNOWLEDGE, MEET OR EXCEED THE BUILDING CODES AND ZONING ORDINANCES OF THE VILLAGE OF NAPERVILLE, ILLINOIS.

Michael E. Messerle
 MICHAEL E. MESSERLE
 IL REGISTRATION NO 001-8886



LENDE RESIDENCE
 15 North Columbia
 Naperville, Illinois
 Front Porch Replacement

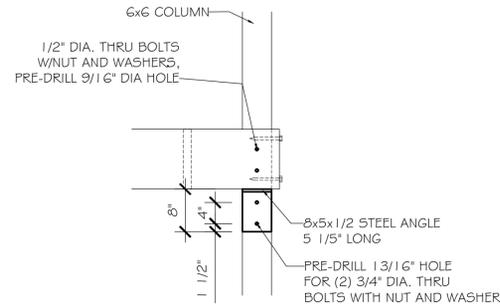
INDEX OF DRAWINGS
 SITE PLAN, PLANS, ELEVATIONS
 DETAILS



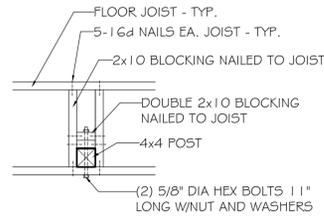
Llende Residence
 15 North Columbia
 Naperville, Illinois

Site Plan, Plans,
 Elevations

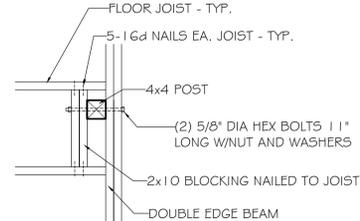
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 CHECKED BY: A1.0
 SCALE: AS NOTED



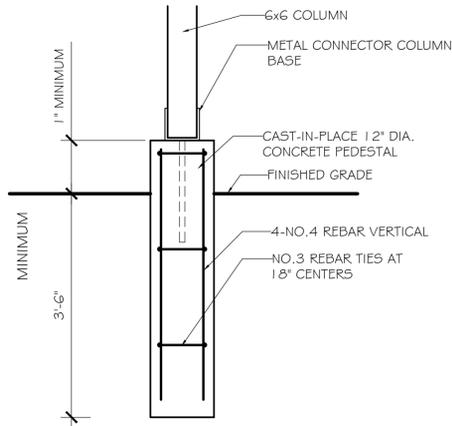
1 COLUMN TO BEAM END
3/4" = 1'-0"



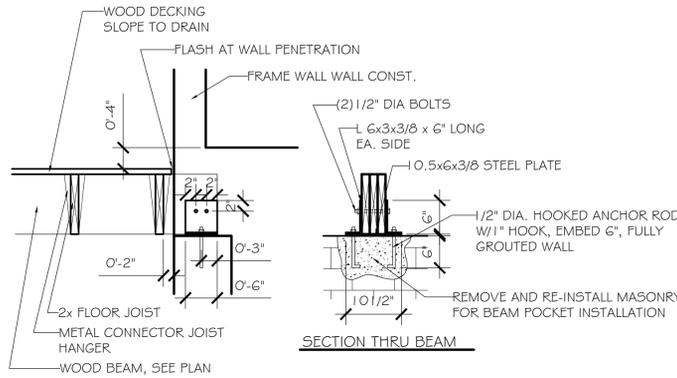
2 RAILING POST ATTACHMENT
3/4" = 1'-0"



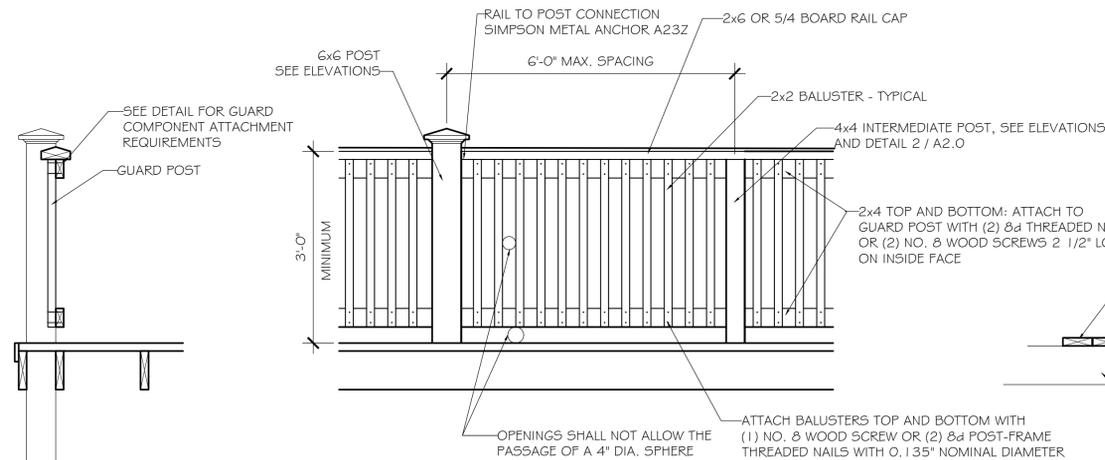
3 TYPICAL TREAD
3/4" = 1'-0"



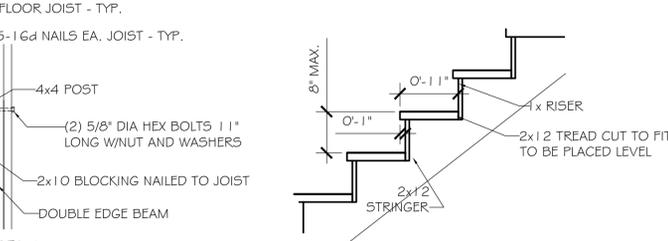
4 CYLINDRICAL POST FOUNDATION
3/4" = 1'-0"



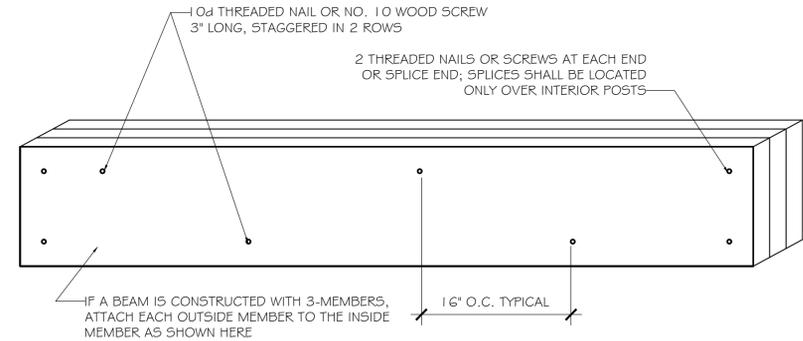
5 BEAM POCKET IN MASONRY
3/4" = 1'-0"



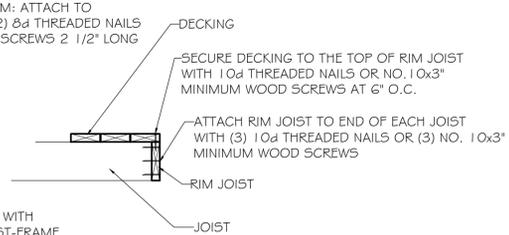
8 BALUSTER / GUARDRAIL
3/4" = 1'-0"



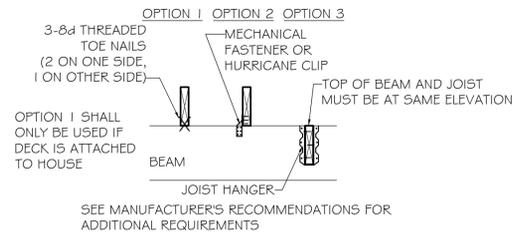
6 TYPICAL PORCH WALL SECTION
3/4" = 1'-0"



7 MULTIPLE BEAM CONNECTION
NOT TO SCALE

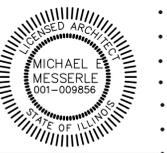


9 GENERAL DECKING AND JOIST
3/4" = 1'-0"



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DRAWN BY:	A2.0
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SCALE: AS NOTED	