100 sq. ft. in area — Smoke-resistive J. Interior finish (IBC Table 803.9): Corridors — Class C maximum flame spread Rooms — Class C maximum flame spread K. Floor covering (IBC 804.4.2): Enclosed exits & exit access — no minimum critical radiant flux criteria in fully sprinklered building L. Accessible egress (IBC 1007.1):

K. Floor finish (IBC 804.4.2): Exits, corridors and means of egress 0.22 watts/sq. cm. minimum as per NFPA 253 (radiant panel)

Accessible outside exits in at least two remote locations

provide accessible egress as required.

J. Accessible means of egress (IBC 1009.1 & LSC 7.5.4): Accessible outside doors and horizontal exits can serve as accessible means of egress. LSC 7.5.4.1.3 excepts fully sprinklered health care occupancies from accessible means of egress provisions.

286J/9782 8-15-22

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TECHNOLOGY LEGENDS, INDEX AND NOTES — SHELL

TECHNOLOGY LARGE SCALE PLANS - SHELL

TECHNOLOGY PLAN - SHELL

TECHNOLOGY DETAILS - SHELL

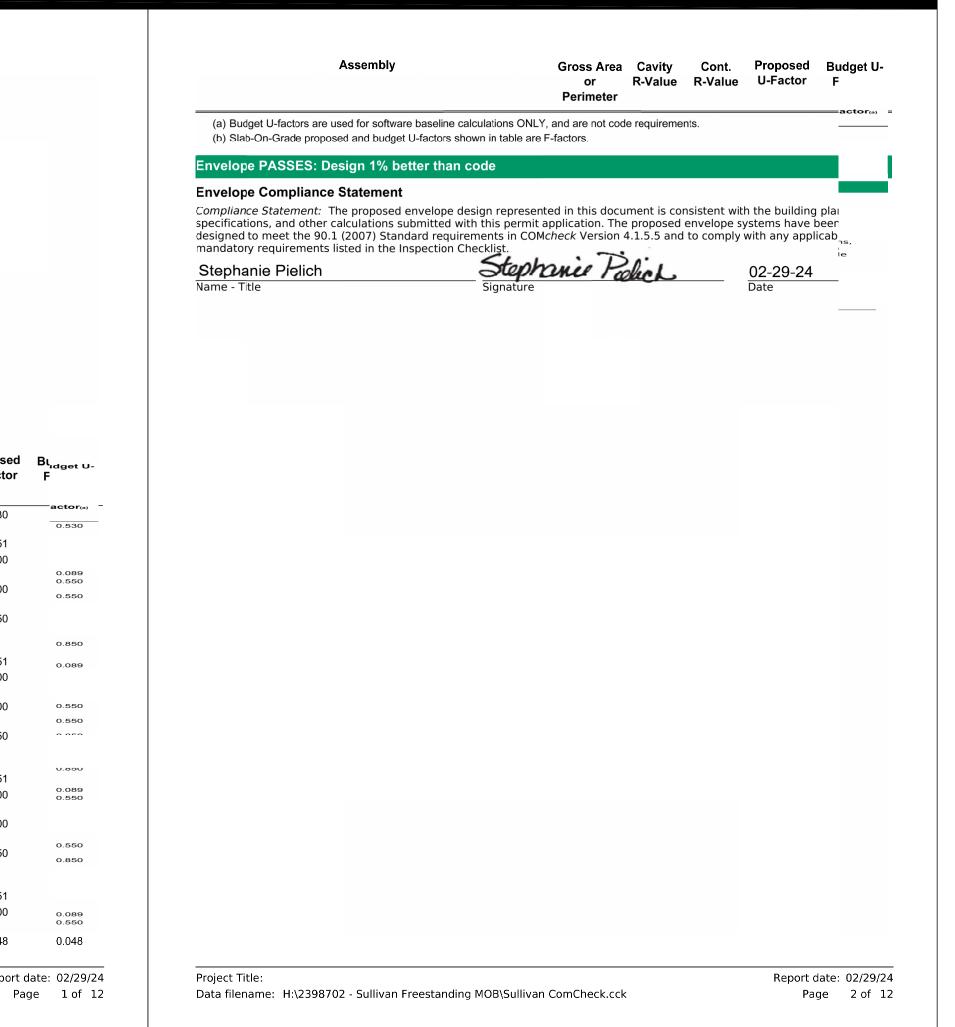
T1.0

T3.0

T5.0

| V | pe Complia | | | | |
|--|---|--|-------------------|------------------|---|
| | | | | | |
| Project Information | | | | | |
| Energy Code: Project Title: | , | | | | |
| Location: Climate Zone: | Sullivan, Indiana 4a | | | | |
| Project Type: New Construction Vertical Glazing / Wall Area: 9% | | | | | |
| Construction Site: 2200 North Section Street Sullivan, IN 47882 | Owner/Agent: | 'Agent: Designer/Contrac | | otor: | |
| Building Area | | Floor Area | | | |
| 1-Floor Area (Health Care-Clinic) | : Nonresidential | 26 | 351 | | |
| Assemi | | Gross Area or Perimeter | Cavity R-Value | Cont. R-Value | Proposed U-Factor |
| Floor 1: Slab-On-Grade:Unheated, Ver Area] (b) North Exterior Wall: Wood-Framed, 16' | | 26351 4167 | 13.0 | 7.5 7.5 | 0.530 0.051 |
| Window 1: Metal Frame:Fixed, Perf. Type: Energy code default, Double Pane, Tinted, SHGC 0.50, [Bldg. Use 1 - Floor Area] | | 150 | | | 0.900 |
| Pane, Tinled, SHGC 0.50, [Blog. Use | Window 2: Metal Frame:Fixed, Perf. Type: Energy code default, Double Pane, Tinted, SHGC 0.50, [Bldg. Use 1 - Floor Area] | | | | 0.000 |
| Window 2: Metal Frame:Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, [Bldg. Use | 1 - Floor Area] | 168 | | | 0.900 |
| Window 2: Metal Frame:Fixed, Perf. Ty | 1 - Floor Area] rame, Entrance Door, Perf. Type: | 168 120 | | | 1.250 |
| Window 2: Metal Frame:Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, [Bldg. Use Door 1: Glass (> 50% glazing):Metal Fi Energy code default, Single Pane, Tint | 1 - Floor Area] rame, Entrance Door, Perf. Type: ed , SHGC 0.70, PF 2.00, [Bldg. | | | 7.5 | |
| Window 2: Metal Frame:Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, [Bldg. Use Door 1: Glass (> 50% glazing):Metal Fi Energy code default, Single Pane, Tint Use 1 - Floor Area] East Exterior Wall: Wood-Framed, 16" Window 2: Metal Frame:Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, [Bldg. Use | 1 - Floor Area] rame, Entrance Door, Perf. Type: ed , SHGC 0.70, PF 2.00, [Bldg. o.c., [Bldg. Use 1 - Floor Area] /pe: Energy code default, Double 1 - Floor Area] | 120 | 13.0 | 7.5 | 1.250 |
| Window 2: Metal Frame:Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, [Bldg. Use Door 1: Glass (> 50% glazing):Metal Fi Energy code default, Single Pane, Tint Use 1 - Floor Area] East Exterior Wall: Wood-Framed, 16" Window 2: Metal Frame:Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, [Bldg. Use Window 8: Metal Frame:Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, PF 0.40, [B | 1 - Floor Area] rame, Entrance Door, Perf. Type: ed , SHGC 0.70, PF 2.00, [Bldg. o.c., [Bldg. Use 1 - Floor Area] /pe: Energy code default, Double 1 - Floor Area] /pe: Energy code default, Double ldg. Use 1 - Floor Area] | 120 2301 84 69 | | | 1.250 0.051 0.900 0.900 |
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| Window 2: Metal Frame:Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, [Bldg. Use Door 1: Glass (> 50% glazing):Metal Fi Energy code default, Single Pane, Tint Use 1 - Floor Area] East Exterior Wall: Wood-Framed, 16" Window 2: Metal Frame:Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, [Bldg. Use Window 8: Metal Frame:Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, PF 0.40, [B Door 2: Glass (> 50% glazing):Metal Fi Energy code default, Single Pane, Tint Use 1 - Floor Area] West Exterior Wall: Wood-Framed, 16" | 1 - Floor Area] rame, Entrance Door, Perf. Type: ed , SHGC 0.70, PF 2.00, [Bldg. o.c., [Bldg. Use 1 - Floor Area] //pe: Energy code default, Double 1 - Floor Area] //pe: Energy code default, Double eldg. Use 1 - Floor Area] rame, Entrance Door, Perf. Type: ed , SHGC 0.70, PF 0.40, [Bldg. cl. o.c., [Bldg. Use 1 - Floor Area] | 120 2301 84 69 | | | 1.250 0.051 0.900 0.900 |
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| Window 2: Metal Frame:Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, [Bldg. Use Door 1: Glass (> 50% glazing):Metal Frame: Gray code default, Single Pane, Tint Use 1 - Floor Area] East Exterior Wall: Wood-Framed, 16" Window 2: Metal Frame:Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, [Bldg. Use Window 8: Metal Frame:Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, PF 0.40, [B Door 2: Glass (> 50% glazing):Metal Frame: Gray code default, Single Pane, Tint Use 1 - Floor Area] West Exterior Wall: Wood-Framed, 16" Window 1: Metal Frame: Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, [Bldg. Use Window 8: Metal Frame: Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, [Bldg. Use Window 8: Metal Frame: Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, PF 0.40, [B Door 2: Glass (> 50% glazing): Metal Frame: Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, PF 0.40, [B Door 2: Glass (> 50% glazing): Metal Frame: Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, PF 0.40, [B Door 2: Glass (> 50% glazing): Metal Frame: Fixed, Pane, Tinted, SHGC 0.50, PF 0.40, [B Door 2: Glass (> 50% glazing): Metal Frame: Fixed, Pane, Tinted, SHGC 0.50, PF 0.40, [B Door 2: Glass (> 50% glazing): Metal Frame: Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, PF 0.40, [B Door 2: Glass (> 50% glazing): Metal Frame: Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, PF 0.40, [B Door 2: Glass (> 50% glazing): Metal Frame: Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, PF 0.40, [B Door 2: Glass (> 50% glazing): Metal Frame: Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, PF 0.40, [B Door 2: Glass (> 50% glazing): Metal Frame: Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, PF 0.40, [B Door 2: Glass (> 50% glazing): Metal Frame: Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, PF 0.40, [B Door 2: Glass (> 50% glazing): Metal Frame: Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, PF 0.40, [B Door 2: Glass (> 50% glazing): Metal Frame: Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, PF 0.40, [B Door 2: Glass (> 50% glazing): Metal Frame: Fixed, Perf. Ty Pane, Tinted, SHGC 0.50, PF 0.40, [B Door 2: Glass (> 50% glazing): Metal Frame: Fixed, Perf. Ty Pane, Tinted, SHGC 0 | 1 - Floor Area] rame, Entrance Door, Perf. Type: ed , SHGC 0.70, PF 2.00, [Bldg. o.c., [Bldg. Use 1 - Floor Area] ype: Energy code default, Double 1 - Floor Area] ype: Energy code default, Double ildg. Use 1 - Floor Area] rame, Entrance Door, Perf. Type: ed , SHGC 0.70, PF 0.40, [Bldg. o.c., [Bldg. Use 1 - Floor Area] ype: Energy code default, Double 1 - Floor Area] ype: Energy code default, Double 1 - Floor Area] ype: Energy code default, Double 1 - Floor Area] ype: Energy code default, Double 3 - Floor Area] rame, Entrance Door, Perf. Type: ed , SHGC 0.70, PF 0.40, [Bldg. o.c., [Bldg. Use 1 - Floor Area] | 120 2301 84 69 75 2271 144 69 | | 7.5 | 1.250 0.051 0.900 0.900 1.250 0.051 0.900 0.900 |
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SEISMIC ANALYSIS FOR ARCHITECTURAL, MECHANICAL, PLUMBING, & ELECTRICAL COMPONENTS

REFER TO THE SPECIFICATIONS FOR APPLICATION OF THESE NOTES TO SPECIFIC BUILDING COMPONENTS ARCHITECTURAL, MECHANICAL, & ELECTRICAL COMPONENTS AND SYSTEMS SEISMIC REQUIREMENTS (BASED ON 2018 INTERNATIONAL BUILDING CODE WITH INDIANA AMENDMENTS SECTIONS 1613-1621)

Seismic Risk Category: Seismic Importance le: .2 SEC Spectral Response Acceleration Ss: 0.358 1.0 SEC Spectral Response Acceleration S1: 0.133 Site Class: Design Spectral Response SDS: Design Spectral Response SD1: 0.134 Seismic Design Category: Light—Framed Wood Walls Sheathed With Wood Resisting System: Structural Panels Rated for Shear Resistance 6.5 Response Modification Factor R:

Seismic Response Coefficient Cs: 0.016 Analysis Procedure: Equivalent Lateral Force Base Shear: 50 kips.

| | ARCHITECTU | RAL COMPONENTS |
|---|------------------|------------------|
| COMPONENT | Coefficient (Ap) | Coefficient (Rp) |
| Exterior—nonbearing walls | 1.0 | 2.5 |
| Interior—nonbearing wall, including vertical shaft enclosures | 1.0 | 2.5 |
| Exterior & Interior ornamentations & appendages | 2.5 | 2.5 |
| Permanent floor supported cabinets and books stacks | 1.0 | 2.5 |
| Suspended ceilings | 1.0 | 2.5 |
| Access floor systems | 1.0 | 2.5 |
| Partitions | 1.0 | 2.5 |
| Light Fixtures | 1.0 | 1.25 |

| MECHANICAL, PLUMBING, & ELECTRICAL COMPONENTS | | | | |
|--|------------------|------------------|--|--|
| COMPONENT | Coefficient (Ap) | Coefficient (Rp) | | |
| Tanks & Vessels including support systems. | 1.0 | 2.5 | | |
| Electrical, Mechanical, and plumbing equipment and associated conduit and ductwork and piping. | 1.0 | 2.5 | | |
| Electrical Distribution Systems | 1.0 | 2.5 | | |
| Electrical Equipment | 1.0 | 2.5 | | |
| Elevator Equipment | 1.0 | 2.5 | | |

ADDITIONAL REQUIREMENTS:

- 1. SEISMIC RESTRAINTS MAY BE OMITTED FROM PIPING AND DUCT SUPPORTS IF ALL THE FOLLOWING CONDITIONS ARE SATISFIED: A. LATERAL MOTION OF THE PIPING OR DUCT WILL NOT CAUSE DAMAGING IMPACT WITH OTHER SYSTEMS. B. THE PIPING OR DUCT IS MADE OF DUCTILE MATERIAL WITH DUCTILE CONNECTIONS.
- C. LATERAL MOTION OF THE PIPING OR DUCT DOES NOT CAUSE IMPACT OF FRAGILE APPURTENANCES (E.G. SPRINKLER HEADS) WITH ANY OTHER EQUIPMENT, PIPING OR STRUCTURAL MEMBER.
- D. LATERAL MOTION OF THE PIPING OR DUCT DOES NOT CAUSE LOSS OF SYSTEM VERTICAL SUPPORT. ROD-HUNG SUPPORTS OF LESS THAN 12 INCHES IN LENGTH HAVE TOP CONNECTIONS THAT CANNOT DEVELOP MOMENTS. F. SUPPORT MEMBERS CANTILEVERED UP FROM THE FLOOR ARE CHECKED FOR STABILITY.
- 2. SEISMIC RESTRAINTS MAY BE OMITTED FROM ELECTRICAL RACEWAYS, SUCH AS CABLE TRAYS, CONDUIT AND BUS DUCTS, IF ALL THE FOLLOWING CONDITIONS ARE SATISFIED:
- A. LATERAL MOTION OF THE RACEWAY WILL NOT CAUSE DAMAGING IMPACT WITH OTHER SYSTEMS. B. LATERAL MOTION OF THE RACEWAY DOES NOT CAUSE LOSS OF SYSTEM VERTICAL SUPPORT.
- ROD—HUNG SUPPORTS OF LESS THAN 12 INCHES IN LENGTH HAVE TOP CONNECTIONS THAT CANNOT DEVELOP MOMENTS. D. SUPPORT MEMBERS CANTILEVERED UP FROM THE FLOOR ARE CHECKED FOR STABILITY.
- 3. PIPING, DUCTS AND ELECTRICAL RACEWAYS, WHICH MUST BE FUNCTIONAL FOLLOWING AN EARTHQUAKE, SPANNING BETWEEN DIFFERENT BUILDINGS OR STRUCTURAL SYSTEMS SHALL SUFFICIENTLY FLEXIBLE TO WITHSTAND RELATIVE MOTION OF SUPPORT POINTS ASSUMING OUT-OF-PHASE MOTIONS.
- MOVEMENT OF COMPONENTS WITHIN ELECTRICAL CABINETS, RACK AND SKID-MOUNTED EQUIPMENT AND PORTIONS OF SKID-MOUNTED ELECTROMECHANICAL EQUIPMENT THAT MAY CAUSE DAMAGE TO OTHER COMPONENTS BY DISPLACING, SHALL BE RESTRICTED BY ATTACHMENT TO ANCHORED EQUIPMENT OR SUPPORT FRAMES.

ALTERNATIVES

/A1/E1 - PROVIDE CANOPY FOR MAT SPACE . - F 1 $^{-}$ LIGHTING INVERTER FOR EMERGENCY POWER angle-A2 - PROVIDE ALUMINUM CLAD WOOD WINDOWS IN LIEU OF ALUMINUM STOREFRONT

BUILDING ENVELOPE

*PER 2010 INDIANA ENERGY CONSERVATION CODE (BASED ON ASHRAE 90.1-2007, I-PEditia); SULLIVAN COUNTY; ZONE 4A

ROOF (INSULATION ABOVE DECK): R-VALUE (REQUIRED PER CODE*) R= 20c.i. R-VALUE (ACTUAL DESIGN) R=23c.i.

<u>Wall:</u> Wood framed R-VALUE (REQUIRED PER CODE*) R=13R-VALUE (ACTUAL DESIGN) R=R13+7.5c.i.SLAB ON GRADE (UNHEATED SLAB): R-VALUE (24" BELOW) R-VALUE (ACTUAL DESIGN) R= 7.5c.i. U-FACTORS (DESIGN MATCHES REQUIRED BELOW):

WINDOW (METAL W/ THERMAL BREAK) U= 0.50 DOOR (METAL W/ THERMAL BREAK) U= 0.70 0.40 ENTRANCE DOOR: U = 0.85

TYPICAL LIST OF ABBREVIATIONS

| | | | 20110 | | |
|-------|------------------------------|----------|---------------------------|---------|------------------------|
| | | | | | |
| ACT | ACOUSTICAL CEILING TILE | FVC | FIRE VALVE CONNECTION | O.C. | ON CENTER |
| ALUM. | ALUMINUM | EXIST. | EXISTING | PC | PERSONAL COMPUTER |
| BLKG. | BLOCKING | EJ | EXPANSION JOINT | RD | ROOF DRAIN |
| B.O. | BOTTOM OF | FEC | FIRE EXTINGUISHER CABINET | RWL | RAIN WATER LEADER |
| CLG. | CEILING | FC. | FACE OF CONCRETE | SQ. FT. | SQUARE FOOT |
| CMU | CONCRETE MASONRY UNIT | F.V. | FIELD VERIFY | STL. | STEEL |
| CONC. | CONCRETE | F.O.S. | FACE OF STUD | STRUCT. | STRUCTURAL |
| CONT. | CONTINUOUS | GYP. BD. | GYPSUM BOARD | Т | TEMPERED |
| CT | CURTAIN TRACK | INSUL. | INSULATION | T.O.S. | TOP OF STEEL |
| DIA. | DIAMETER | MAX. | MAXIMUM | TYP. | TYPICAL |
| ELEC. | ELECTRICAL | MECH. | MECHANICAL | UNO | UNLESS NOTED OTHERWISE |
| EPDM | ELASTOMERIC MEMBRANE ROOFING | MIN. | MINIMUM | W/ | WITH |

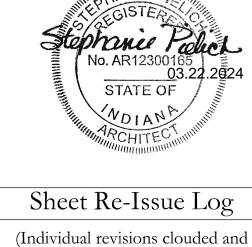
MTL. METAL

GENERAL NOTES

- 1. THE CONTRACTOR SHALL ASSEMBLE COMPONENTS WITH CAREFUL ATTENTION TO INSTALLATION OF FRAMING, SEALANTS, COMPONENTS, SUCH AS WINDOWS, DOOR FRAMES, LOUVERS, INSULATION SEALANTS, ETC. AS SHOWN ON THE DRAWINGS AND IS REQUIRED TO CREATE A COMPLETED PROJECT THAT IS IN COMPLIANCE WITH THE STATE DESIGN INTENT. FURTHERMORE, THE BUILDING SHALL BE IN COMPLIANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND GOOD CONSTRUCTION PRACTICES FOR THIS LOCATION. 2. CONTRACTOR SHALL COORDINATE THE WORK OF THE VARIOUS SUBCONTRACTORS AND MATERIAL SUPPLIERS TO ASSURE THE DESIGN
- INTENT HAS BEEN ACHIEVED. 3. ALL WALLS SHALL BE BUILT INCORPORATING CONTROL JOINTS AND/OR EXPANSION JOINTS AS APPROPRIATE TO CONTROL MOVEMENT
- IN THE WALL DUE TO TEMPERATURE VARIANCE. 4. ANY PENETRATIONS OF A SURFACE SHALL BE APPROPRIATELY SEALED.
- CONTRACTOR SHALL MAINTAIN WALL RATINGS AS SHOWN ON NEW WORK PLANS AND PROPERLY SEAL ALL PENETRATIONS AS REQUIRED FOR NEW WORK. REFERENCE WALL PRIORITY DIAGRAMS SHEET W1.1 FOR PROPER RATED WALL CONSTRUCTION. 6. ALL WALLS ARE TO EXTEND TO DECK AND ARE TO HAVE SOUND PROOFING, U.N.O.
- 7. EXISTING CEILINGS TO BE REWORKED AND/OR REPLACED AS NEEDED TO COMPLETE PROJECT RENOVATIONS.

TYPICAL LEGEND OF TAGS

| 11) | DOOR TAG (4+ NUMBERS) | X | PLAN KEY NOTE | 1 |
|-----|---------------------------------|---------------|---------------|---|
| | INTERIOR WINDOW TAG (NUMBER) | € X | CASEWORK TAG | |
| | EXTERIOR WINDOW TAG (LETTER) | 100 OFFICE | ROOM TAG | (|



labeled within each sheet) ADD #02 03/22/2024

PROJECT NUMBER 23987.02 February 28, 2024

ANALYSIS

The Design Professional's electronic or digital seal or signature is effective only as to the version of this document as originally published by the Design Professional. The Design Professional is not responsible for any subsequent modification, corruption, or unauthorized use of such document. To verify the validity or applicability of the seal or signature, contact the Design Professional. CONSTRUCTION DRAWINGS

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