

Concrete and Foundations

Remove all top soil, organic materials and debris from footing and slab excavations, Maintain excavation free of standing water. Install and maintain temporary bracing prior to back fill, to maintain stability of foundation walls until permanent structure has been placed. Concrete for footing and slabs shall be of design mix formulated to assure a minimum 3500 PSI compressive strength at 28 days. All concrete placed shall not be exposed to freezing. Reinforcing bars shall be ASTM A615 grade 60. Vapor barrier, where specified, shall be 6 mil Polyethylene. Interior slabs shall be trowel finished. Exterior slabs shall be air entrained and broom finished perpendicular to the line of traffic. Provide control joints at maximum of 5' O.C. at exterior walks. Provide expansion joints at 30' O.C. CMU (concrete Masonry Units) shall comply with ASTM C90, grade N. moisture cured, normal weight Aggregate, two core units. Brick shall comply with ASTM C216-89 . Mortar shall be type S, Astm C270 proportion mixed.

Trusses

Pre-engineered Trusses shall be designed by the manufacturer and certified by an Engineer registered to practice in the state of Michigan. Truss Framing Indicated on the drawing Is For General Reference. The truss manufacturer shall submit shop drawings to the Architect for review and approval. Truss design, erection and handling shall be in accordance with the recommendations of the Truss Plate Institute Inc.

Sheathing And Sub-Flooring

Plywood floor decking shall be APA rated Sturd-I-Floor, Exposure 1. Floor decking shall be secured with glue in combination with screws or nails.

Roof sheathing shall be exterior grade only and installed with plywood clips between wood trusses when spacing is greater than 16' O.C. Exterior wall sheathing shall be exterior grade plywood, unless otherwise noted.

Roofing

Shingles shall be applied over #15 Saturated Underlayment at areas of general roofing. Install appropriate eave flashing underlayment strip to a point 12" minimum inside the interior line of the exterior walls. Use "Ice Guard" Per Manufacture Specifications.

The number of underlayment layers and the exposure of the shingles shall be as instructed by the Manufacturer of the selected shingle for the projected roof pitch.

Install aluminum drip edge at all eaves. Install prefabricated flashing flange at all vent stacks. Install metal flashing as required where roof meets brick walls..

Plumbing & Piping

The plumbing and piping systems shall be installed in strict accordance with State and Local Plumbing Codes. The Plumbing and Piping Contractor shall obtain all permits, pay all fees and arrange for all inspections for his work.

The Plumbing and Piping Contractor shall coordinate locations of his equipment and work with other building trades to avoid any interference between his work and the work of other trades. Any cutting and/or patching, that may be required for the installation of the plumbing and piping system, shall be done and or repaired by the Plumbing and Piping Contractor.

HVAC & Sheet Metal Work

All air handling systems shall conform to all State and Local Building, Health and Sanitation codes. The HVAC Contractor shall present certificates to the Owner that all applicable building permits have been secured before starting any new work, and provide to the Owner all required certificates of final approval at the completion of the work. Any cutting and patching, that may be required for the installation of the HVAC systems, shall be done and repaired by the HVAC Contractor. No cutting of the structural system shall be done without the written approval of the Architect being previously obtained.

DESIGNED BY
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PROJECT

ELEVATION ENERVATION

OWNER'S NAME

SOLID GROUNDS LLC

ADDRESS

932 EDISON ST.
DETROIT, MI 48202

PROJECT NO.

DATE : 8/3/2023

SCALE

1/8" = 1'-0"

SHEET TITLE

NOTES

A-5

SEAL