



Lt. Col.

MATT URBAN

Human Services Center of Western New York

1081 Broadway, Buffalo, NY 14212

September 14, 2020

Bid Package – 103 Sweet Avenue

Project Type: Rehab

Bid Due Date: Friday, October 2, 2020 by 3:00pm

Developer: Polish Community Center of Buffalo, Inc. dba Lt. Col. Matt Urban Human Services Center of WNY

Bid Delivery Address: 1081 Broadway Street, Buffalo, NY 14212

Project Manager: Maya Shermer

Attachments: Request for Bid Work Write-Up & Specifications
Lead Risk Assessment, Asbestos Report, Engineer Drawings
Bid Proposal Form

Dear Contractor:

The Matt Urban Center has rehab work needed at 103 Sweet Avenue in Buffalo, NY, and is seeking bids from licensed and insured certified contractors/ builders.

Completed and sealed bids should be submitted to the Matt Urban Center, 1081 Broadway, Buffalo, NY 14212 no later than **Friday, October 2, 2020 at 3:00pm**.

Please direct questions regarding the bids to Maya Shermer at mshermer@urbanctr.org or 716-893-7222 x213 no later than Friday, September 28. Walk through visits of the property will be held with Joseph Kopera on Monday, September 21 and Tuesday, September 22 from 9:00 – 11:00am and should be scheduled with Maya. Please also be advised that given COVID-19, staff and contractors will be required to wear face masks while on site and are asked to maintain a safe working distance whenever possible.

We appreciate your cooperation through this challenging time and look forward to working safely with you.

Sincerely,

Maya Shermer
Director, Housing & Community Development

WORK WRITE-UP AND SPECIFICATIONS FOR 103 SWEET AVENUE

DATE: SEPTEMBER 14, 2020

PROJECT TYPE/NAME: REHAB / 103 SWEET AVENUE

BID DUE DATE: FRIDAY, OCTOBER 2, 2020; 3:00 PM

DEVELOPER: PCCB, INC. dba LT. COL. MATT URBAN HUMAN SERVICES
CENTER OF WNY (MUC)

BID DELIVERY ADDRESS: 1081 BROADWAY STREET, BUFFALO, NY

PRE-BID MEETING: SEE GENERAL CONDITIONS

PROJECT MANAGERS: MAYA SHERMER

CONSTRUCTION PM: JOSEPH KOPERA

ATTACHMENTS: LEAD RISK ASSESSMENT, ASBESTOS REPORT,
ENGINEERS DRAWINGS

GENERAL CONDITIONS

1. All bidding General Contractors (Contractors) are required to meet at the site with Construction Project Manager. Contact Maya Shermer at mshermer@urbanctr.org or 716-893-7222 x213 to schedule the meeting at one of the designated times outlined on the cover letter.
2. Access to the property for bidding will be had by appointment with the Construction Project Manager.
3. The Contractor will carefully study and thoroughly understand the project drawings and specifications and will personally inspect the property and be informed of all pertinent conditions and limitations.
4. All areas, dimensions and quantities shown on the drawings are approximate. The Contractor shall verify all areas, dimensions and quantities. The Contractor shall report any drawing and specification discrepancies immediately to the Project Manager during the bid phase.
5. The contractor will be responsible for obtaining surveys before any fencing or concrete flatwork is installed.
6. The enclosed Bid Proposal Form must be returned to the Matt Urban Center on or before 3:00 pm of the above bid due date in a sealed envelope addressed to the MUC Project Manager and indicate the project type and name.
7. The Contractor is responsible to obtain all permits BEFORE beginning the work. A Notice to Proceed will be issued upon submission of the required permits to the Matt Urban Center Project Manager.
8. Contractor must commence work within 5 days of receipt of the written Notice to Proceed, and the completion date for the project shall be no more than six (6) months of receipt of the written Notice to Proceed. Failure to commence work within the above mentioned 5-day period *may* result in the replacement of the contractor. ALL WORK SHALL BE COMPLETED, in conformance with all applicable

local and state building codes as per date indicated. Should the Contractor need an extension of time due to inclement weather, the Contractor must make that request, in writing, to the MUC Project Manager.

9. Contractor request for payments will be processed once per month. The contractor will be paid directly by Matt Urban only after the Project Manager has approved the request for payment.
10. Contractor warrants that his work, and that of any Subcontractor performing any part of the specifications, will be free from defects in materials and workmanship for one (1) year period from date of item payment. This warranty does not affect any manufacturers' or distributors' warranties covering the materials, which are hereby assigned to the Homeowner, effective upon Contractors' completion of work.
11. The Contractor understands that this agreement is the result of a federal financial assistance program, under 24 CFR Section 570, which requires that the Contractor performing any work assisted with Federal Monies comply with the federal requirements pertaining to:

A. Equal Employment Opportunity

In the hiring of any Contractor or laborer to perform the required work, the Contractor agrees that neither it nor any Subcontractor will discriminate against any employee or applicant because of age, race, creed, national origin, sex, disability, or marital status.

B. Section 3 of the Housing and Urban Development Act of 1968, as amended.

The Contractor agrees that in performing or subcontracting any of the following work, the Contractor will, to the greatest extent feasible, award any work or contracts for work to low income, female, and minority business concerns which are located in or owned in substantial part by persons within the City of Buffalo. The Contractor agrees to include this provision in all contracts and subcontracts for work performed under this agreement.

C. Lead Specific Laws, Rules, Regulations and Guidelines

The execution of this work shall comply with all applicable federal, state, and local laws, rules, regulations and guidelines for lead dust environments. Some of these include: OSHA 29 CFR 1926-Construction Industry Standards; 29 CFR 1926.62 – Construction Industry Lead Standard; 29 CFR 1910.1200 – Hazard Communication Standard; 40 CFR Part 745 – EPA Regulations; 24 CFR Part 35 – HUD Regulation on Lead Based Paint Hazards in Federally owned Housing and Housing Receiving Federal Assistance; and HUD *Guidelines for the Evaluation and Control Lead-Based Paint Hazards in Housing*.

12. Contractor agrees to supply the labor and materials called for by the Specifications, to use new materials unless otherwise specified in the Specifications, and to perform in a good workmanlike manner.
13. The materials and equipment that have been removed and replaced as part of the work shall belong to the Contractor unless otherwise stated in the specifications.
14. Contractor shall keep premises clean and orderly during the course of the work and shall remove all debris from the site on a daily basis or properly dispose of debris in an on-site dumpster.
15. The Contractor shall supply an on-site portable toilet for workers from the Notice to Proceed to the completion of the project or until permanent toilets have been installed and are working.
16. Specified materials may be substituted with an approved equal by the Construction Project Manager.
17. Include all dumpster and hauling fees.

18. Contractor insurance requirements:

INSURANCE / LICENSING

1.1.1 Contractor and all sub-contractors must show proof of valid Workman's Compensation.

1.1.2 Contractors and sub-contractors shall provide all necessary insurance as required by **the Polish Community Center of Buffalo, Inc.** (the MATT URBAN CENTER) and the City of Buffalo and the Buffalo Urban Renewal Agency (BURA).

1.1.2.1 Coverage and Limits:

1.1.2.1.1 General Liability Insurance. The Contractor shall purchase and maintain in continuous effect a Commercial General Liability policy including Operations of Independent Contractors, Products/Completed Operations and Contractual Liability with limits of not less than:

1.1.2.1.1.1 Bodily Injury, Property Damage, Personal Injury and Advertising Injury:

a) Each Occurrence	\$1,000,000
b) Products/Completed Operations Aggregate	\$1,000,000
c) General Aggregates	\$2,000,000

1.1.2.1.1.2 Such policy shall further:

- a) Name: Polish Community Center of Buffalo, Inc., as Additional Insured on a primary and non-contributory basis and the City of Buffalo, the Buffalo Urban Renewal Agency and its agents and employees, as an Additional Insured for any and all liability arising under this contract.
- b) Provide that the General Aggregate shall apply "per project" or per location."
- c) Not include Explosion, Collapse or Underground Hazard Exclusions.

1.1.2.1.2 Automobile Liability Insurance. The Contractor shall purchase and maintain in continuous effect an Automobile Liability policy providing coverage for all of its owned, non-owned and hired automobiles with limit of not less than:

1.1.2.1.2.1 Bodily Injury and Property Damage Combined: Each Occurrence \$1,000,000

1.1.2.1.2.2 Excess "Umbrella" Liability: The Contractor shall purchase and maintain in continuous effect an Excess "Umbrella" Liability policy providing limits of liability in excess of the Employers' Liability, General Liability, and Auto Liability. Limits shall be not less than:

Bodily Injury and Property Damage Combined:

- a) Each Occurrence/Aggregate: \$2,000,000
- b) For contracts in excess of \$250,000: Each Occurrence/Aggregate: \$5,000,000

1.1.2.1.2.3 Such policy shall further: Not include Explosion, Collapse or Underground Hazard exclusions.

1.1.2.1.3 The insurance shall be primary to any other insurance and shall be endorsed to name individually:

- a) PCCB, Inc. dba Lt. Col. Matt Urban Human Services Center of WNY
- b) City of Buffalo & Buffalo Urban Renewal Agency, its agents and employees as Additional Insured

And shall utilize *ISO Endorsement Additional Insured - Designated Person or Organization form CG 20261185* or an equivalent acceptable;

- a) **Automobile Liability, including Owned, Non-Owned and Hired Autos:**
Bodily Injury and Property Damage: \$1,000,000 Each Occurrence
- b) **Workers' Compensation** - New York State Statutory

- c) **Employer's Liability** - New York State Statutory
- d) **Professional Liability Coverage**: \$1,000,000 Each Occurrence and Aggregate

1.1.2.1.4 All Certificates shall provide at least thirty (30) days advance written notice to the Certificate holder in the event of cancellation, material change or reduction of any described policy.

1.1.2.1.5 General Aggregate limits shall apply per location.

1.1.2.1.6 A Certificate of all required insurances shall be submitted to:

- A) PCCB, Inc.
1081 Broadway Street
Buffalo, NY 14212
Attn: Maya Shermer

And shall be submitted at least one week prior to the delivery of goods or use of services. All Certificates shall designate the goods or services provided and provide at least thirty (30) days advance written notice to the designated agencies in the event of cancellation, reduction or non-renewal of any coverage.

LEAD GENERAL REQUIREMENTS

APPLICABLE LEAD-SPECIFIC DEFINITIONS

Abatement: The measures used to permanently control lead-based paint or lead-based paint hazards for at least 20 years. Building abatement methods include component replacement, paint removal, enclosure and encapsulation. Soil abatement methods include soil removal, soil cultivation and paving.

Adhesion: The ability of an encapsulate to attach to or remain fixed on a surface without blistering, flaking, cracking or being removed by tape.

CRF – The Code of Federal Regulations: The basic component of the Federal Register publication system. The CRF is a codification of the regulations of the various Federal Agencies.

HEPA – High Efficiency Particulate Air: A filter capable of filtering out particles of 0.3 microns or greater from a body of air at 99.97% efficiency or greater.

Interim Controls: A set of measures designed to temporarily control lead-based paint hazards.

µg – Micrograms: The prefix “micro” means “1/1,000,000 of” (one millionth of). A microgram is 1/1,000,000 of a gram.

Rehabilitation Assistance: As articulated in 24 CFR Part 35.915, the amount of “rehabilitation assistance” is calculated on a per housing unit basis to determine the requirements for lead hazard evaluation and reduction when Federal rehabilitation assistance is used. Determining the amount of “rehabilitation assistance” requires calculating the average amount of Federal housing assistance per unit and the average amount of rehabilitation hard costs per unit, regardless of source of funding, and then taking the lesser of the two. Rehabilitation hard costs do not include “soft” costs (e.g., financing fees, credit reports, title binders and insurance, recordation fees, legal and accounting fees, appraisals) and lead hazard evaluation and reduction costs (e.g., site preparation, occupant protection, relocation, paint testing, risk assessment, interim controls, standard treatments, abatement, clearance examination and waste handling).

Standard Treatments: A complete set of interim control measures that, when used together, temporarily control all potential lead-based paint hazards in a dwelling unit. Standard treatments require safe repair of deteriorated paint, providing smooth and cleanable horizontal surfaces, correcting conditions in which painted surfaces are rubbing, binding or otherwise producing dust, covering or restricting access to bare soil and specialized cleaning.

Work Area: The area where lead hazard reduction or related work is performed, which is defined and/or isolated to prevent the spread of lead dust or debris and entry by unauthorized personnel.

XRF Analyzer: An instrument that determines lead concentration in milligrams per square centimeter (mg/cm²) using the principle of x-ray fluorescence (XRF). The XRF analyzer refers to portable instruments manufactured to analyze paint and does not refer to laboratory-grade units or portable instruments designed to analyze soil.

PROHIBITED PAINT REMOVAL METHODS

The following paint removal methods are prohibited on all HUD-funded projects:

- Open flame burning or torching;
- Machine sanding or grinding without a HEPA local exhaust control;
- Abrasive blasting or sandblasting without a HEPA local exhaust control;
- Heat guns operating above 1,100 degrees Fahrenheit or charring the paint;

PROHIBITED PAINT REMOVAL METHODS - continued

- Dry sanding or dry scraping, except dry scraping in conjunction with heat guns or within one (1) foot of electrical outlets, or when treating defective paint spots totaling no more than two (2) square feet in any one interior room or space, or totaling no more than 20 square feet on exterior surfaces; and
- Paint stripping in a poorly ventilated space using a volatile stripper that is a hazardous substance in accordance with regulations of the Consumer Product Safety Commission and/or a hazardous chemical in accordance with the Occupational Safety and Health Administration.

REQUIRED SUBMITTALS

The contractor shall provide the following Contractor Submittals prior to the Preconstruction Conference:

1. Copies of individual approved lead training certifications for workers and supervisors (Both EPA required training and OSHA required training);
2. Copies of the State Lead Hazard Remediation Program Registration for individuals and company (required for abatement only);
3. Copy of the written Occupant Protection Plan as required by 40 CFR Part 745 (required for abatement only);
4. Employee medical surveillance information (required for abatement only);
5. List of subcontractors;
6. Site specific General Liability and, if applicable and required, Lead Liability insurance certificates with the property owners listed as the certificate holder and other appropriate individuals or organizations listed as Additionally Insured (on file with the city of Buffalo license department);
7. Worker's Compensation insurance certificate;
8. Any applicable permits (including construction permits for window/door replacements), licenses, etc.;
9. Any product data for materials or equipment to be used on the project; and
10. Copy of valid Home Improvement or General Contractor's License.

CLEARANCE EXAMINATION BEFORE FINAL ACCEPTANCE

Prior to final acceptance of the lead hazard reduction work and all rehabilitation work, the property shall be visually inspected for any remaining paint chips, dust and debris and lead dust wipe samples shall be obtained from floors, window sills and window troughs. The contractor shall re-clean all applicable components and surfaces and pay for all additional clearance dust sampling if any dust sample results exceed the thresholds of 40µg/SF for floors, 250 µg/SF for window sills and 400 µg/SF for window troughs.

HAZARD EVALUATION - LEAD

LEAD BASED PAINT HAZARD RISK ASSESSMENT – FOR UNITS RECEIVING MORE THAN \$5,000 IN REHABILITATION ASSISTANCE

Using a trained and certified lead hazard risk assessor, conduct a visual assessment for evidence of deteriorated paint and visible surface dust, debris and residue. Perform paint testing of all painted components or surfaces with paint deterioration and/or that will be disturbed during the renovation work. Randomly select four (4) floors, two (2) window sills, two (2) window troughs and one (1) other location to dust wipe sample as per protocol established in the HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing. Submit the dust samples, plus a blank sample, to an EPA-accredited lead analytical laboratory for determination of lead content. If appropriate, conduct interviews of the property owner and occupants to determine usage patterns by family members of the dwelling unit. If appropriate, collect composite soil samples

from bare soil at the building perimeter, children's play areas and other bare soil areas in the yard. Prepare a risk assessment report that includes: the results of the visual assessment, the dust wipe sampling, the interviews (if applicable) and the soil sampling (if applicable); and recommendations and options for reducing or controlling identified lead-based paint hazards. Provide the owner and occupants with the risk assessment report and a "Notice of Lead Hazard Evaluation," within 30 days of completing the risk assessment, in accordance with 24 CFR Part 35.

CLEARANCE EXAMINATION

Using a trained and certified lead paint inspector, a lead hazard risk assessor or, when approved, a sampling technician and after completion of all lead hazard reduction, renovation and maintenance work, conduct a visual assessment for evidence of remaining paint chips, visible dust, debris and residue. Randomly select four (4) floors, two (2) window sills and two (2) window troughs to dust wipe test as per protocol in the HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing. Submit the dust samples, plus a blank sample, to an EPA-accredited lead analytical laboratory for determination of lead content. Provide the owner and occupants with the clearance report and a "Notice of Lead Hazard Reduction," within 15 days of achieving final clearance, in accordance with 24 CFR Part 35.

PERFORMANCE GUARANTEES – LEAD

HAZMAT OR LEAD LIABILITY INSURANCE (OPTIONAL)

Purchase contractors general liability insurance for lead hazard reduction, that covers lead-related claims and suits, in an amount of at least \$1 million per occurrence and \$2 million annual aggregate, and provide the property owner and/or agency with an insurance certificate listing the owner and/or agency, and other appropriate individuals or organizations, as the certificate holder and as "Additionally Insured."

WORKER PROTECTION – LEAD

LEAD WORKER – PROTECTION

Persons carrying out lead hazard reduction activities must comply with all applicable federal, state, local laws and regulations related to safety in the workplace, including the respiratory protection program-based personal protection found in the OSHA Construction Standard (29 CFR 1926.62).

PROHIBITED WORKER ACTIVITIES

To minimize the potential for worker exposure to lead dust, the following activities are prohibited in any lead hazard reduction work area or space:

- Eating;
- Drinking;
- Chewing gum or tobacco;
- Smoking; and
- Applying cosmetics.

The Contractor shall post an OSHA compliance notice to workers as follows: "Warning – Lead Work Area – Poison – No Smoking or Eating."

WORKER PROTECTIVE CLOTHING

Each worker shall be provided with disposable, hooded and footed coveralls during demolition, surface preparation, and paint removal activities. Impervious rubber boots, gloves, face shield, and chemical-resistant coveralls must be provided when dangerous paint stripping chemicals are used.

WORKER TRAINING REQUIREMENTS – INTERIM CONTROLS AND STANDARD TREATMENTS

All persons conducting “interim controls” and/or “standard treatments” lead hazard reduction activities must either be supervised by a trained and certified lead abatement supervisor or provide proof of completion of a HUD-approved worker training course in lead hazard awareness, self protection and safe work practices prior to commencement of work.

WORKER AND SUPERVISOR TRAINING AND CERTIFICATION REQUIREMENTS – ABATEMENT

All workers conducting “abatement” lead hazard reduction activities must be trained and certified as lead abatement workers and provide proof of valid state or EPA-approved licenses or certificates. All persons acting as supervisors during “abatement” lead hazard reduction activities must be trained and certified as lead abatement supervisors and provide proof of valid state or EPA-approved licenses or certificates.

GROUND FAULT INTERRUPTOR REQUIRED

Due to the requirement to work “wet” during lead hazard reduction activities, all electric circuits and extension cords in use must be protected by GFCI with integral test buttons.

WORKER RESPIRATORS

All employees engaging in lead hazard reduction activities shall be fit tested and provided with personal respirators and filters as appropriate to task under a respirator program in accordance with 29 CFR 1910.134 and 29 CFR 1926.62.

OCCUPANT EDUCATION – LEAD

Provide a copy of the EPA pamphlet, *Protect Your Family from Lead in Your Home*.

WORK SITE PREPARATION

DAILY OCCUPANT RELOCATION

All occupants and pets must leave the dwelling unit each day prior to the start of work and only return after a thorough cleaning using a HEPA vacuum has been performed in all rooms or other areas of work or the worker entrance. All occupants and pets must be out of the room or area while lead hazard reduction activities are being performed. Children and pregnant women are specifically prohibited from entering the dwelling unit at any time during lead hazard reduction activities, including times when work is not in progress.

SET UP INTERIOR CONTAINMENT

Make applicable notifications to state or local agencies, post job site signage and secure lead hazard reduction sites. Pre-clean floors, window sills, window troughs and other areas of dust build-up with a HEPA vacuum. Seal all floors with two continuous layers of 6 mil. polyethylene sheeting taped to baseboard and 4’ beyond door openings with 2” wide, easy release masking tape. Close and seal HVAC registers with polyethylene sheeting. Wrap all built-in furniture, cabinetry and fixed appliances with polyethylene sheeting and tape to create an airtight seal.

EXTERIOR VERTICAL CONTAINMENT

After installation of appropriate exterior ground containment, hang a disposable reinforced plastic sheet from 3' above the highest proposed workstation on metal tube scaffolding secured to withstand a 40 mph wind gust. Maintain containment until final clearance has been achieved. Create an outer barrier of flags or plastic tape 3' on center, 20' from work site. Close and lock all windows and doors from the interior on the work site elevation. Remove and replace daily.

EXTERIOR GROUND CONTAINMENT

Attach two layers of 12' wide 6 mil polyethylene sheeting to the building perimeter with staples or furring strips extending 10' past the work area. Construct a worksite perimeter curb of 4" x 4" timbers wrapped under the containment. Create an outer barrier of flags or plastic tape 3' on center, 20' from work site. Close and lock all windows and doors from the interior on the work site elevation. Remove and replace daily.

FINAL CLEANING – THREE STEP PROCESS

After completion of all lead hazard reduction activities, wet mist, fold and remove all containment polyethylene sheeting, with floors last. Placing such sheeting in 6 mil. plastic garbage bags, goose neck and then tape shut. HEPA vacuum all visible surfaces including walls, floors and ceilings from the top down. Detergent scrub all horizontal surfaces in small sections using a 3-bucket system, changing rinse water every 250 SF. Completely rinse with clean water and new equipment. After surface are dry, HEPA vacuum all visible surfaces except the ceiling.

STEAM CLEAN CARPET

Pre-clean carpet with a HEPA vacuum using a beater bar at 4 min. per every 10 sq. ft. of carpet. Using a truck mounted steam generator, clean carpet using the steam extraction method. HEPA vacuum after the carpet dries at a rate of 1 minute per every 10 sq. ft. (Only when abatement is being performed)

COMMERCIAL CLEAN CURTAINS

Remove, package and send curtains to a professional cleaning plant for removal of all surface dirt and dust. Re-install after final clearance has been achieved. (Only when abatement is being performed)

FURNACE FILTER – REPLACE

Dispose of the furnace filter. HEPA vacuum the return grill, housing and visible ductwork. Replace with a high efficiency furnace filter after completion of all lead hazard reduction work. (Only when abatement is being performed)

LEAD WASTE DISPOSAL

Wet mist and wrap all architectural components in polyethylene sheeting to prevent dust release during transport. Separate Category I lead waste (paint chips, stripping sludge, HEPA debris and water filtrate) and non-hazardous waste. Ensure that all waste, both hazardous and non-hazardous, is managed in accordance with state regulations. The contractor and the owner are jointly responsible for ensuring that lead waste classified as hazardous is transported, manifested and delivered by licensed transporters to licensed treatment, storage and disposal facilities.

SOLID WASTE DISPOSAL – HAZMAT

Dispose of all Category I lead waste (paint chips, stripping sludge, HEPA debris and water filtrate) in compliance with state regulations. Store and secure waste in 6 mil bags or 55-gallon drums marked "Contains Lead – Systemic Poison." Provide owner with a completed manifest verifying final waste disposition by a licensed hazardous material waste hauler. The contractor and the owner are jointly responsible for ensuring that any waste classified as hazardous is transported, manifested and delivered by licensed transporters to licensed treatment, storage and disposal facilities. (Only when abatement is being performed)

DAILY CLEAN-UP

At the end of each work shift, as appropriate, wet mist and wrap all large debris in 6 mil. polyethylene sheeting and remove to the designated storage area. Wet mist small debris and sweep to 6 mil plastic garbage bags, goose neck and tape shut. Mist and fold exterior ground containment polyethylene sheeting prior to storage or disposal. Place in 6 mil plastic garbage bags, goose neck and tape shut.

2.0 FENCING

- No fencing required

3.0 SITEWORK, AND EXTERIOR DEMOLITION

Follow all UFPO regulations governing excavations. UNDERGROUND FACILITIES MAY BE PRESENT IN THE PROJECT AREA. Contractor is responsible for all site work within each lot boundary.

- Furnish labor, materials, and equipment as necessary to safely excavate, hob-knock, cut and fill, to obtain appropriate elevations.
- All dirt, stone, etc., transferred onto the roadway, and sidewalks shall be removed by the end of each workday.
- Secure any and all necessary permits and coordinate all utility disconnects and taps. All work performed within the city ROW shall be performed by contractors bonded and insured to city standards.
- Contractor shall take any and all necessary precautions to protect adjacent structures and property from damage due to excavation operations and shall use shoring and bracing as required.

Scope of Work

- Backfilling as required and the removal of excavated material unsuitable for fill and/or backfill. Backfill operations shall be in compliance with all applicable codes (stone or rock no larger than 6").
- Placement & machine tamping of 6" granular structural fill under concrete flatwork.
- 4" granular fill under front porch.
- Compaction of structural fill as required.
- 4" topsoil placement and hydro-seeding at rear lawn areas.
- 4" topsoil placement and sod at front lawn areas.
- Remove 14x14 rear frame addition
- Enclose one existing opening to the home and install skirting or enclose crawl space to further secure home
- Remove all raised or sinking concrete poles from rear yard as marked by a white paint x mark including raised concrete curb
- Dispose of all material properly
- Maintain structural integrity of the exposed exterior wall and reframe as necessary
- Remove all existing vinyl siding that remains on gable end wall and secure sheathing where necessary. Remove all siding fasteners from sheathing and re-nail all loose gable end fascia and soffit material on rear rakes of home
- Use exterior grade plywood or OSB sheathing, exterior grade

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- All demolition and construction work to conform to City of Buffalo Building Codes
- Remove existing front porch roof including asphalt shingles, sheathing roof framing, porch ceiling framing and support system
- Reinforce front porch guard rail system to stabilize for proper function

4.0 FOUNDATION AND FOOTERS, INTERIOR PIERS, ETC.

*****PERMIT REQUIRED*****

Note: all installations shall conform with the attached Engineering drawings

- Replace crawl space vent screens where damaged
- Install new main center wood support beam as designated on the attached drawings including all labeled details on the drawings
- Reconstruct the side entrance stairwell rough framing as designated on the attached drawings
- Install all necessary temporary shoring and maintain all structural integrity
- Install new footings, pipe posts and blocking as per the engineered drawings.
- Properly support and secure dwelling before installation of support beam.
- All installations shall be in strict accordance with Engineering drawings and City of Buffalo Building Codes.
- The job site shall be cleaned and all debris removed upon completion of all work.

5.0 CONCRETE FLATWORK – none required

6.0 ROUGH CARPENTRY

- Contractor to construct a pitched porch roof (or owner's selection) on porch in such a manner to avoid water penetration into the interior of the dwelling.
- Before construction of porch roof, contractor to inspect and replace defective components of existing porch roof with approved exterior sheathing and necessary structural members.
- Contractor to construct a new pitched roof with necessary structural members such as #2 white fir or better and CDX exterior plywood sheathing or equal.
- Any exposed members to be pressure treated.
- All structural members to be nailed in place with approved nails.
- New installation to abut uniformly to adjacent members.
- Construction to be in accordance with accepted building code and standards.
- New installation to abut uniformly to adjacent members.
- Remove front porch roofing and flashing, defective sheeting, rafters, fascia and soffit, gutters and all other necessary defective material to expose rough framing.
- Remove all rotted and defective framing components and replace.
- Install new 25-year architectural roofing and install all necessary step and apron flashing to insure a water penetration resistant condition.
- Install new gutter system to front porch including downspouts and all necessary accessories
- Install aluminum/vinyl fascia and soffit
- Repair porch to a safe sound and acceptable condition, matching existing as closely as possible. All repairs to be made with new materials, construction Grade-B or better. Remove and replace all rotted and deteriorated rough framing, decking, and spindles as needed.
- Repair or replace porch decking where necessary. Repair or replacement of porch floor decking shall include replacement of joist and columns as necessary. New joists shall be 2x10 construction, Douglas Fir, 16" O.c., secured to headers. The header parallel and adjacent to the dwelling shall be installed by removing existing and securely spiking new unit to frame wall members. Outside header to be doubled. Joist to have framing anchors or supports on each end. Decking shall be 3/4" x 2x6 Douglas Fir pressure treated decking or equal. Materials to be treated to match existing as close as possible.

7.0 FINISH CARPENTRY

Trim

Provide and install the following:

- Casing shall be at windows and doors, match existing
- Base shall match existing
- Shoe Mold shall be Finger Jointed primed #7126
- Handrail at stairs shall be hemlock and secured with appropriate Satin Chrome brackets that run continuously from nosing of lowest tread of landing and shall extend past nosing of upper landing. Ends shall return to wall.

Repair

- **Refer to the Lead Based Paint Risk Assessment for components such as stair stringers and risers that may contain lead based paint. You have the option of replacing these components or reworking them. If these components are not disposed of and reworked, they must meet EPA regulations and pass the final clearance exam.**
- Install new flush or paneled bi-fold doors to fit existing door openings as outlined in the work order.
- All new doors shall match, as close as possible, to the existing doors in the dwelling.
- Remove existing deteriorated doors and level and plumb doors in the new openings and secure in place.
- Secure new tracks to the existing opening jams per manufacturer's recommendations.
- Stain and polyurethane the new doors of a color chosen by the owner. Apply one coat of stain and two coats of polyurethane.
- All installations shall supply and install new case molding around the doors and base to match the existing room trim.
- Install a cap rail to the second floor half wall.
- Provide and install pine or oak material of sufficient size to cover wall and secure in place with appropriate fasteners.
- Finishing of the doors and trim to match existing as close as possible.

8.0 WINDOWS

Window components contain lead above safe levels – use interim controls

Replace deteriorated window unit in location as specified, a double pane insulated glass replacement vinyl window unit with screens to be manufactured by Allside, Great Lakes, Simonton or an equal quality manufacturer. After establishing any required floor

WORK WRITE-UP AND SPECIFICATIONS
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containment with polyethylene sheeting, mist defective paint with water to the point of saturation without dripping on the floor. All new installations shall comply with Appendix J of the Residential Code of New York State.

- Level and plumb new window in existing window opening, adequately securing window in place with appropriate fasteners per manufacturer
- Enclose around the perimeter of window frames as needed to ensure a water resistant condition, and prepare and finish exterior adjacent wall area to blend with existing surfaces and circumstances
- Apply trim molding such as ¼ round pine molding or equal around the perimeter of the new window
- All installations shall conform with generally accepted standards and the Building codes of New York State and the City of Buffalo

9.0 SELECTIVE DEMOLITION – none required

10.0 DOORS AND HARDWARE

- Repairs 3 entrance door units.
- Repair unit(s) to a sound acceptable state of operation and serviceability. Install new lock sets where necessary. All entrance door locksets to be keyed alike.
- Repair front and side storm door units to a sound acceptable state of operation and serviceability. Install new locksets and or deadbolts where necessary. All locksets to be keyed alike.
- Replace all defective door hardware at all interior doors, with Westlock or equal, following manufacturer specifications for installation of the same as per owner. Include base or hinge door stops as needed.
- Correct defective door operation at all interior doors by removing doors and planning and/or making other adjustments as required to fit doors properly in existing jamb openings. Adequately secure doors back in jamb openings with new butts and screws as required.

11.0 INSULATION – Not applicable

12.0 ROOFING

PERMIT REQUIRED

All installations shall comply with Chapter 9 of the Residential Code of New York State.

- Completely strip all existing layers of roofing and the existing deteriorated

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sheathing.

- Install new 1/2", 4-ply CDX plywood or greater to the existing rafters, replacing any rotted or substantially deteriorated roof decking.
- Properly secure new sheathing in place with an 8d or greater size nail. (Once the existing roofing is removed, a determination will be made whether new sheathing is required. If not required, a change order will be authorized to eliminate this work from the contract).
- Install a 15 lb. asphalt felt paper over the roof sheathing and apply a 3" aluminum drip edge along all rakes and eaves.
- Install self-adhesive asphalt "ice shield" starter course 72" along all eaves for maximum ice backup, wrapped 2" onto the fascia and in all valleys.
- Apply a minimum 25 year warranted Architectural shingle or greater self-sealing asphalt roof shingles of owner's selection, with non-corrosive nails as per manufacturer's instructions.
- Apply necessary wall step flashing, flashing for protruding vent pipes, flashing for valleys and flashing for chimneys. The manufacturer of the roofing materials shall be Elk, CertainTeed, GAF, Tamko, Owens Corning, CertainTeed or manufacturer of equal quality material (UL APPROVED).
- Install a PVC or roll ridge vent strip, across the full length of all ridges, as manufactured by Loc-Vent, AMPCOR, or equal quality manufacturer.
- Follow manufacturers specifications for installation of all roofing and vents to insure a water resistant condition from outside weather elements.
- Repair and replace all rotted fascia and soffit material on gable ends and overhangs
- Remove the existing flashing and install new galvanized zinc coated steel to comply with ASTM, A-93, 26 gauge to be used. Nails and fittings used with galvanized sheet metal shall be hot dipped galvanized. Aluminum may be substituted in .019. Replace all step and apron flashing for water tight seal.
-

Chimney with Flashing

- Replace missing and structurally defective mortar joints on the existing exterior portion of the chimney by removing all loose and disintegrated mortar from defective joints to a minimum depth of 1/2 inch or until a sound surface is reached.
- Install a new concrete chimney cap to the top of the existing chimney and set in a bed or mortar.
- Replace all spauling and deteriorated bricks with similar size, color and style brick as the existing, if necessary.
- All joints are to be cleaned prior to installing new mortar.
- Repoint joints with a non-shrinkable cement mortar such as Dryjoint or equal manufacturer, striking mortar to the full depth of joint.
- Application of Dryjoint or equal product to be in accordance with the manufacturer's recommendations.

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- Adequately strike all new joints and clean excess mortar from face surfaces.
- Install new step and pan flashings around the perimeter of the existing chimney with the installation of the new roofing and then install counter flashing over the step.
- Set new counter flashing into the brick to an even height around the perimeter.
- Seal joint with mortar and strike joint to finish.
- All installations shall conform with Generally Accepted Standards.
-

13.0 GUTTERS AND DOWNSPOUTS

- Replace existing Yankee gutters with new 5/4x6 Yankee gutter boards of #2 White Pine, pressure treated, or equal.
- New gutter board to be wrapped with aluminum coil stock.
- Gutter lining to be Awaplan 170 as manufactured by Tampko or approved equal.
- New gutters shall be adequately pitched to allow proper flow of drainage water.
- Install new aluminum gutter boxes and connect to conductor pipes as specified insuring that all joints are properly sealed.
- Conductor pipes to be minimum .020-gauge prefinished aluminum with all required ells, miters, hangers and all other necessary accessories.
- Conductor pipes to be supported at minimum 8' intervals.
- Downspouts to have elbows with splash blocks or sufficient extensions.

14.0 SIDING

- Repair all cracked, warped, and rotted siding with new materials to match existing.
- All loose members are to be secured prior to installing the new siding material. If needed, low areas and walls shall be furred out with wood lathe or equal material wherever necessary. Install new vinyl siding to match the existing for color and style. Manufacture of the siding to be certainteed, Vipco, Allside, Noranandex, Wolverine, or equal quality manufacturer. Provide and properly install all necessary accessories such as starter strips, L or J channel, flashing strip, sill trim, inside and outside corners, backer plates, J blocks around light fixtures, hose bibs, exterior electrical fixtures, aluminum nails of sufficient length to penetrate the underbase, and caulking compounds to sufficiently caulk around all openings and abutting trim. Siding shall run level and true and be properly fitted with allowance for thermal expansion and contraction. Follow manufacturer's recommendations and above specifications for installation of siding. Remove all debris from site. Install siding on real wall of home.

WORK WRITE-UP AND SPECIFICATIONS
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- Remove all rotted and/or deteriorated soffit material and fascia. Match existing soffit where necessary using new wood, grade B or better, Ponderosa Pine, White Pine, and exterior plywood. Countersink all nail heads and prepare surface for aluminum/vinyl covering.
- Install aluminum or vinyl coated aluminum trim manufactured by Norandex, U.S.S., Alside, or an equal quality manufacturer, to all eaves and rakes locations on the dwelling. The color and style of trim shall be selected by the homeowner. Provide and properly install all necessary accessories including caulking compounds, aluminum nails, channels and furring strips. All loose structural wood members are to be secured before installation of new trim. Replace any rotted members with an approved material prior to installing the trim. Contractor to provide sufficient soffit ventilation in all eaves by drilling holes in existing materials to properly ventilate cavities before the installation of the new trim. Install perforated panels no greater than every 6 feet under the eaves for proper ventilation. All exterior trim is to be properly fitted with allowance for thermal expansion and contraction and is to be applied to prevent trapping of water.
-

15.0 EXTERIOR RAILING SYSTEM

- Adequately secure existing handrail from top to bottom to existing posts.
- Brackets may be used to adequately secure rail to posts with screws or bolts.
- Rails shall not be less than 30" vertically above porch decking.

16.0 DRYWALL

- Contractor to install gypsum wallboard such as Gold Bond, US Gypsum or equal manufacturer on the first floor and second floor as specified and outlined in the work order.
- Adequately nail new wallboard into existing studs with an approved fastener and apply metal accessories and tape as needed.
- Treat all joints and nail heads with three coats of joint compound.
- Newly plastered areas are to be sanded smooth after each application. Contractor to follow manufacturer's specifications for installation and finishing of materials.
- New drywall to blend symmetrically with existing interior surfaces. Contractor to install moldings and trim as needed and prime new installation.
- Prime and finish paint as outlined in work order.

Scope of Work:

Interior First Floor: kitchen, bathroom for proper installation of tub

Interior Second Floor: study

17.0 PAINTING

Window components contain lead paint above safe levels – use interim controls

Prepare all interior surface(s) for painting where cracked, peeling or excessively worn surface(s) appear, by removing all loose surface material and foreign matter that would adversely affect the protective properties of paint. Fill in all small cracks, holes and indentations caused by spot removal of wallpaper and/or paint with Ready-Patch or equal, following manufacturer's specifications for use. Touch sand repair such as Dutch Boy or equal, following manufacturer's specifications for application.

All surfaces to be painted shall be properly sanded, sealed, patched and primed to receive finish paint. The contractor is responsible for damages done by him by dripping, over-spraying, etc. and shall be liable to correct such damage as directed by the general contractor. Paints shall be tinted to colors as selected by owner.

All previously painted and new exterior exposed wood shall be scraped of loose paint, primed and repainted as required to cover completely original color; using "bullseye type" alcohol base quick drying primer and exterior alkyd permalized trim paint; unless specified to be stained.

- All interior doors and interior trim and substantially deteriorated shall be repainted using a high gloss alkyd oil based latex. Refer to painting manufacturers specifications. A
- All new and existing drywall shall be primed, and painted as required to cover completely original color; using Pratt and Lamberts Dutch Boy, Sherman Williams, Glidden, latex wall primer and latex paint.
- All paints and stains shall be applied per manufacturer's recommendations.

18.0 FLOORING

- Remove the existing deteriorated carpet in the rooms listed to expose the subflooring.
- Remove any and all shoe molding, if one exists, in the removal area.
- Install new carpet to the entire area where carpet is removed.
- Utilize a carpet as manufactured by Lee, S&S Carpets or equal quality manufacturer, using a medium price range (\$25.00 per square yard installed price).
- All carpeting shall be listed in the FHA Certified Carpet Directory and comply with generally accepted standards for same.
- Carpet shall be laid over a 1/2" minimum foam carpet pad and secured at perimeter with wood carpet anchoring strips.
- Carpet edges at doors shall be fitted with appropriate accessories and shall be secured with nails. Follow manufacturer's recommendations for installations.
- Debris from the removal and installation of the carpet shall be removed from the premises.

19.0 ACCESSORIES

Bathroom Accessories

- One (1) toilet paper holder per bathroom
- One (1) 24" towel bar per bathroom
- One (1) shower rod per bathroom
- One (1) tank lever per toilet
- One (1) mirror
- One (1) soap dish, if necessary

20.0 CABINETS AND COUNTERTOPS – not applicable

21.0 HEATING AND VENTING

- Service and check out, repair if necessary forced hot air heating furnace

22.0 PLUMBING

*****PERMIT REQUIRED*****

ALL PLUMBING SHALL BE IN ACCORDANCE WITH LOCAL CODES AND THE *Residential Code of the State of New York*. A LICENSED PLUMBER SHALL PERFORM ALL WORK. THE PLUMBING CONTRACTOR SHALL APPLY FOR ALL NECESSARY PLUMBING PERMITS AND SHALL BE RESPONSIBLE FOR THE PREPARATION AND PROVISION OF ANY SCHEMATIC DRAWINGS, PLANS, OR DETAILS REQUIRED FOR THE SECURING OF REQUIRED PERMIT (S). PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING ALL NECESSARY PLUMBING INSPECTIONS.

- Laundry tray and faucet to be replaced with equal or like kind quality unit
- Replace those defective, deteriorated and missing fixtures in bathroom and kitchen areas as outlined in the work order. Supply and install a medium priced range vanity, sink & faucet for the bathroom and new sink faucet for the kitchen. Replace defective water supply lines where necessary to connect new fixtures with PEX piping and fittings or approved connectors. Install new PVC trap if necessary and install new above floor supply lines with chrome plated 3/8 OD pipe such as Brassco, install new shut-off valves with ACF valves, install new 1/4" chrome plated traps such as Bridge Port, or equal brand products for above replacement items. Adequately secure new fixtures in place following manufacturer's specifications for same. Installation of above fixtures and related materials used with same to connect to waste pipe, soil pipe, main house drain and supply lines must comply with all Local Board of Health regulations and Building Codes pertaining to same.
- Replace all water supply lines from the water meter to all fixtures in the dwelling with PEX piping. Install new above floor supply lines with PEX piping

WORK WRITE-UP AND SPECIFICATIONS
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with appropriate SharkBite fittings, couplings and shut-off valves. Brassco, install new shut-off valves with ACF valves, install new chrome plated traps such as Bridge Port, or equal brand products for above replacement items. Adequately secure new fixtures in place following manufactures specifications for same. Installation of above fixtures and related materials used with same to connect to waste pipe, soil pipe, main house drain and supply lines must comply with all local Board of Health regulations and Plumbing and Building Codes pertaining to same.

- Secure and/or remove, replace any rough framing necessary for proper installation of tub and drywall. Install fiberglass tub enclosure with manufactures recommended adhesive. Complete tub enclosure shall be water sealed with Macolite T626 waterproof calking or equal product following manufactures specifications for use. Tub enclosure to be level, plumb and straight on completion of above work.

Gas Pipe & Shut off Valves

- Replace all flexible and galvanized gas line connectors and missing gas shut-off valves, utilizing black iron pipe with malleable iron fittings and joints.
- Install gas cock shut-off valves as manufactured by Wallworth or equal, at locations specified, to all fixtures and/or appliances throughout the entire dwelling

Gas Lines

- Rework or replace all existing gas lines.
- Replace all flexible and galvanized and gas line connectors and missing gas shut off valves, utilizing black iron pipe with malleable iron fittings and joints.
- Install gas cock shut-off valves as manufactured by Wallworth or equal, at locations specified, to all fixtures and/or appliances throughout the entire dwelling.

Bathtub

- Licensed master plumber only to remove existing tub, waste and drain overflow assembly.
- Any defective waste or vent lines should be replaced with PVC components or PEX piping.
- Replace defective materials with approved, complying with all local Board of health regulations and Building Codes pertaining to same.
- Adequately remove ceramic tile and plaster at bathtub area.
- A Plumbing permit to be obtained for the new installation from the City of Buffalo.

•
23.0 ELECTRICAL

*****PERMIT REQUIRED*****

ALL ELECTRICAL SHALL BE IN ACCORDANCE WITH LOCAL CODES, THE NATIONAL ELECTRIC CODE, AND *Residential Code of the State of New York*. A LICENSED ELECTRICIAN SHALL PERFORM ALL WORK. THE ELECTRICIAN SHALL APPLY FOR ALL NECESSARY ELECTRICAL PERMITS AND SHALL BE RESPONSIBLE FOR THE PREPARATION AND PROVISION OF ANY SCHEMATIC DRAWINGS, PLANS, OR DETAILS REQUIRED FOR THE SECURING OF REQUIRED PERMIT(S). THE ELECTRICIAN SHALL BE RESPONSIBLE FOR SCHEDULING ALL NECESSARY ELECTRICAL INSPECTIONS.

- Inspect the existing electrical service and circuit panel and interior circuits for proper operation and correct all defects.
- Install 2 exterior light fixtures on dwelling at front and side entrances
- Contractor is to inspect the entire dwelling electrical system for any defects and correct as necessary.
- Re-wire where necessary to comply with code requirements, with Romex wire or equal to provide safe, electrical operation with the new service.
- Install and/or replace existing or new electrical outlet boxes and components that are defective, illegal or excessively worn with Steel City outlets, Pass-Seymour wall switches and receptacles or equal products.
- Install additional outlet boxes and components using above brand names or equal as dictated by owner, local code requirements as well as National Fire Underwriters specifications.
- Replace light fixtures with Thomas Fixtures using medium price range, as per owner or equal manufacturer.
- All electrical material and installation to comply with all local code requirements as well as National Fire Underwriters specifications.
- Dwelling to be re-wired as per local code requirements and in compliance with National Fire Underwriters specifications.
- The system and work completed is to be inspected by a third party electrical inspection company such as Commonwealth Electrical Inspection Services.

Fixtures & Receptacles

- Replace defective electrical switches and receptacles if necessary where defective.
- Install GFI outlets to the bathroom and kitchen areas if and where necessary.
- Re-wire as necessary to comply with code requirements, with Romex wire or equal to provide safe, electrical operation with the new service.
- Install and/or replace existing or new electrical outlet boxes and components that are defective, illegal or excessively worn with Steel City outlets, Pass-Seymour wall switches and receptacles or equal products.

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- Install additional outlet boxes and components using above brand names or equal as directed by owner, local code requirements as well as National Fire Underwriters specifications.
- Replace light fixtures, as outlined in work order, with Thomas Fixtures using medium price range, as per owner or equal manufacturer.
- All electrical material and installation to comply with all local code requirements as well as National Fire Underwriters specifications. Dwelling to be re-wired as per local code requirements and in compliance with National Fire Underwriters specifications.
- In order to receive payment, all electrical work must comply with an inspection from a third party such as Commonwealth Electrical Inspections or Atlantic-Inland.

Hard Wired Smoke/CO Detectors

- Installation shall comply with Section R313 of the Residential Code of NYS.
- Install a battery operated combination smoke/carbon monoxide detector with battery back-up in the following locations:
 - First floor bedroom hall
 - Second floor bedroom hall
- The combination smoke-carbon monoxide alarms shall have distinctly different alarm signals for smoke or carbon monoxide alarm activation.
- Supply and install battery operated smoke detectors in all bedrooms.
- All alarms shall be listed and installed in accordance with the provisions of the Residential Code of NYS and the household fire warning equipment provisions of NFPA 72.

24.0 SECURITY SYSTEM

- Check out and service existing security system, repair if necessary

25.0 DECK & STAIR

- Repair or replace porch decking where necessary. Repair or replacement of porch floor decking shall include replacement of joist and columns as necessary. New joists shall be 2x10 construction, Douglas Fir, 16" O.c., secured to headers. The header parallel and adjacent to the dwelling shall be installed by removing existing and securely spiking new unit to frame wall members. Outside header to be doubled. Joist to have framing anchors or supports on each end. Decking shall be 3/4" x 2x6 Douglas Fir pressure treated decking or equal. Materials to be treated to match existing as close as possible.
- Adequately secure loose stair treads on existing stairs of front porch by blocking and/or nailing of same. Touch up repair work to match existing

WORK WRITE-UP AND SPECIFICATIONS
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surfaces. Repair or replace those defective or missing stair treads. Adequately secure new treads in place, finish new installation to match existing surfaces.

- Repair wood porch stairs. Treads 2"x6" construction Douglas Fir or pressure treated material. Risers 1"x8" pressure treated #2 pine. Stringers 2"x12" pressure treated or Douglas Fir Construction Grade-B. If stringers exceed 4' centers, support jacks to be used. All stringers to be set on 4" concrete pad or 4" solid concrete block.

ATTACHMENT #1

LEAD RISK ASSESSMENT

PART 3: ENVIRONMENTAL RESULTS AND ANALYSES

Residential Property
 103 Sweet St.
 Buffalo, NY 14212
 UNYSE Project: 20-0229DJA

1. Summary of Lead Hazards

Risk assessment hazard investigation is based on visual assessment of paint conditions as well as sampling of deteriorated paint, dust, and soil. Analysis of paint, wipe, and soil samples showing concentrations greater than the current regulatory threshold also indicate that lead hazards are present.

Our visual assessment indicated that deteriorated paint that met the aforementioned criteria was present on multiple locations.

Table 5.13 Paint-Lead Hazards

Room or Exterior Location	Components	Type of Hazard	Approx. Area or Length	Quantity	Acceptable Hazard Control Options	
					Interim	Abatement
Bedroom 2	Baseboard	Deteriorated Paint	16ft2	4	X	X
Bedroom 2	Window Sill	Deteriorated Paint	1.5ft2	1	X	X
Dining Room	Baseboard	Deteriorated Paint	10ft2	1	X	X
Bedroom 3	Baseboard	Deteriorated Paint	16ft2	4	X	X
Bedroom 3	Door Casing	Deteriorated Paint	8ft2	1	X	X
Bedroom 5	Baseboard	Deteriorated Paint	30ft2	4	X	X
Bedroom 5	Window Casing	Deteriorated Paint	5ft2	2	X	X
Bedroom 5	Window Sill	Deteriorated Paint	1.5ft2	2	X	X
Bedroom 5	Door	Deteriorated Paint	21ft2	1	X	X
Bedroom 5	Door Casing	Deteriorated Paint	8ft2	1	X	X

Additional detail can be found in **Part 2, Section 2: Summary of Lead Based Paint Testing**.

No soil lead hazards were identified.

A review of the results of the wipe sample analysis indicates that **lead dust hazards** were found at the following location(s):

877-466-4429

ENVIRONMENTAL CONSULTANTS

346 AUSTIN STREET BUFFALO NEW YORK 14207
 LEAD | ASBESTOS | MOLD | HAZARDOUS MATERIALS

Table 5.15 Dust-Lead Hazards		
Room	Surface	Acceptable Hazard Control Options
Family Room	Floor	HEPA vacuum/wet method cleaning
Bedroom #5	Floor	HEPA vacuum/wet method cleaning
Front Entrance	Floor	HEPA vacuum/wet method cleaning
Dining Room	Floor	HEPA vacuum/wet method cleaning
Kitchen	Floor	HEPA vacuum/wet method cleaning

The aforementioned components should be treated using hazard control practices.

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346 AUSTIN STREET **BUFFALO** NEW YORK 14207
 LEAD | ASBESTOS | MOLD | HAZARDOUS MATERIALS

ATTACHMENT #2

ASBESTOS REPORT

PART 3: SUSPECT ACM SAMPLING WORKSHEET

Residential Property
 103 Sweet St.
 Buffalo, NY 14212
 UNYSE Project: 20-0229DJA

Sample #	Description	Sample Locations	Condition	Quantity	Friable Y/N	ACM Y/N
1, 1A	Drywall	Throughout	D	N/A	Y	N
2, 2A, 2B	Joint Compound	Throughout	I	N/A	Y	N
3, 3A,3B	Plaster	Throughout	I	N/A	Y	N
4, 4A	Plaster Skim	Bedroom #3 Ceiling	I	N/A	Y	N
5, 5A	Linoleum	Attic	D	N/A	N	N
6, 6A	Drop Ceiling	Living Room, Bedroom #3	I	N/A	Y	N
7, 7A	Linoleum	Bedroom #1 Under Carpet	I	N/A	N	N
8, 8A	12x12 Floor Tile	Bathroom	I	N/A	N	N
9, 9A	1x1 Acoustic Tile	1 st Floor Throughout	I	N/A	Y	N
10, 10A	Roofing	Porch	I	N/A	N	N trace <1.0

Key:

PACM – Presumed Asbestos Containing Material

ACM – Asbestos containing material = >1% asbestos

N<1% – Asbestos content less than or equal to 1%

Sample # – Refers to numbers assigned to distinct samples, including multiple samples collected per EPA sample protocol

Friable – per EPA 40 CFR 61.M definition

Condition – **(I)** – Intact at time of survey, **(D)** – Damaged at time of survey, per EPA 40 CFR 763/E definition

TSI – Thermal System Insulation

TBD – Quantity to be determined if sample is asbestos containing material

lf – Linear Feet

ft² – Square Feet

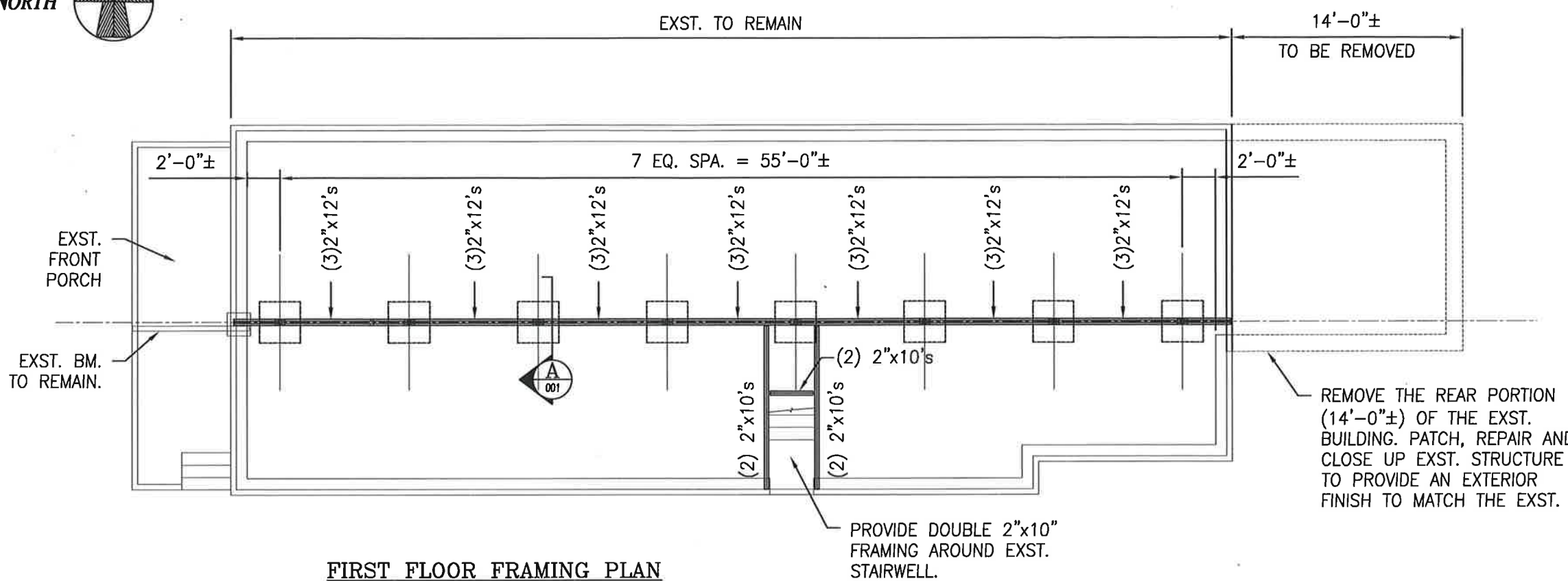
Quantities are estimated and subject to bidder’s verification.

877-466-4429

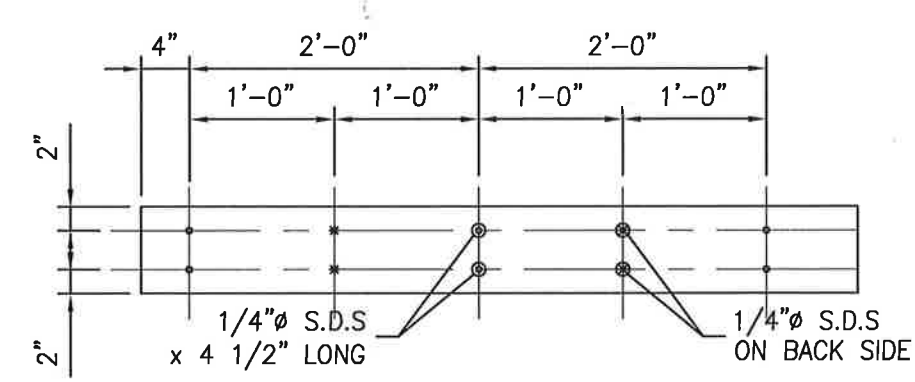
ENVIRONMENTAL CONSULTANTS

346 AUSTIN STREET **BUFFALO** NEW YORK 14207
 LEAD | ASBESTOS | MOLD | HAZARDOUS MATERIALS

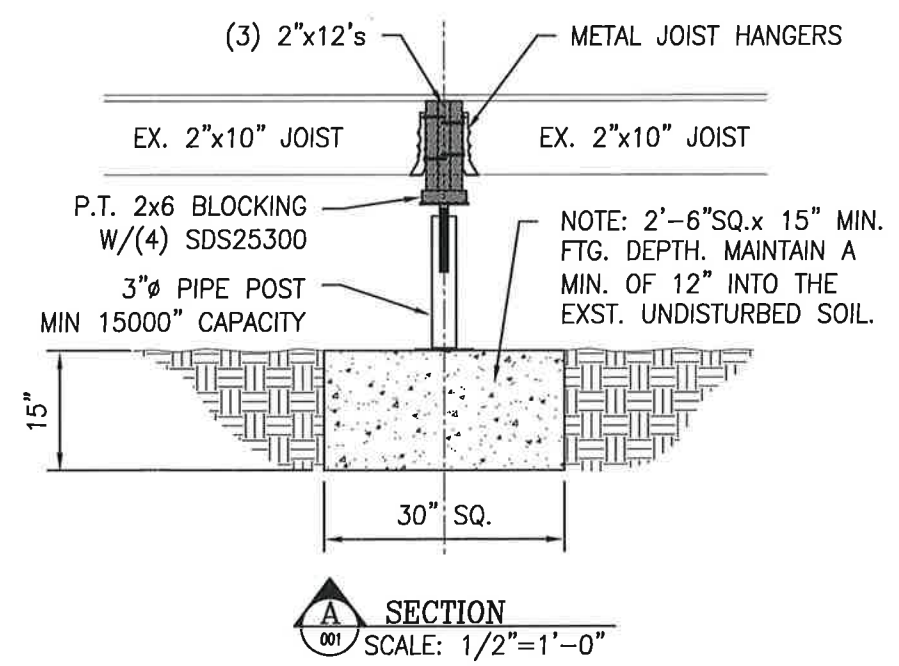
ATTACHMENT #3
ENGINEERS DRAWINGS



FIRST FLOOR FRAMING PLAN
SCALE: 1/8" = 1'-0"



CONNECTION PATTERN AT TRIPLE 2"x12's
SCALE: 3/4" = 1'-0"



SECTION A
SCALE: 1/2" = 1'-0"

- GENERAL NOTES:**
- ALL DIMENSIONS ARE TO BE FIELD VERIFIED.
 - THIS PROJECT INVOLVES THE REMOVAL OF AN EXISTING 14'-0" ADDITION AT THE REAR OF THE HOUSE. THIS IS TO INCLUDE THE PATCHING AND REPAIRING OF THE EXISTING REAR OF THE HOUSE TO PROVIDE A WEATHER TIGHT CLOSURE THAT MATCHES THE EXISTING EXTERIOR FINISH.
 - THE REMOVAL OF THE MAIN CENTER WOOD SUPPORT BEAM AND REPLACING IT WITH A NEW WOOD BEAM COMPRISED OF (3) 2"x12's BOLTED TOGETHER. (SEE DETAIL)
 - THE INSTALLATION OF (8) NEW 30"x30"x15" CONC. FOOTERS ALONG WITH (8) NEW 3"Ø STEEL POST.
 - FIRE ALARMS AND CARBON MONOXIDE DETECTORS MUST BE INSTALLED IN ACCORDANCE WITH 2015 IRC R314 SMOKE ALARMS / R315 CARBON MONOXIDE ALARMS AND 2017 NYS UNIFORM CODE SUPPLEMENT, PRIOR TO OR DURING THIS WORK
 - LUMBER SHALL BE SPRUCE-PINE-FIR (SPF) #2 GRADE PRESERVATIVE TREATED (PT) OR BETTER WITHIN 6 INCHES OF GRADE AND ALL SOLE/SILL PLATES. SPF #2 ABOVE 6 INCHES OF GRADE. COMMON STUDS MAY BE #3 GRADE.
 - SDS SCREWS ARE SPECIFIED AS Simpson Strong-Tie Strong-Drive screw (SDS).
 - LOADS TAKEN FROM ASCE/SEI 7-05 AND NYSRC; TRIBUTARY WIDTH = 10'-6".
LIVE LOAD = 840 LB/FT
DEAD LOAD = 302 LB/FT
SNOW LOAD = 00 LB/FT
TOTAL MAXIMUM WORKING LOAD = WL = 1142 LB/FT
POST SPACING = S = 8.0 FT
8.0x1142/2 = 4568 LB PER POST
 - DESIGN IS IN ACCORDANCE WITH THE IRC.
 - FOR SHORING DETAILS SEE SHEET 002.

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CMU = CONCRETE MASONRY UNIT
EL = ELEVATION
FG = FINISHED GRADE
FTG = FOOTING
LBS = POUNDS
PCF = POUNDS PER CUBIC FOOT
PSF = POUNDS PER SQUARE FOOT
TYP = TYPICAL
UNO = UNLESS NOTED OTHERWISE
UG = UNDER GROUND
FLR = FLOOR
RPLC = REPLACE
VIF = VERIFY IN FIELD

CONC = CONCRETE
EXT = EXTERIOR
FND = FOUNDATION
HORZ = HORIZONTAL
MAX = MAXIMUM
PLCS = PLACES
REQ'D = REQUIRED
VERT = VERTICAL
MIN = MINIMUM
STL = STEEL
EXST = EXISTING
(X) = QUANTITY
SIS = SISTER

2015 IRC & 2016 NYS SUPPLEMENT TABLE R301.2(1) CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

GROUND SNOW LOAD (PSF)	WIND DESIGN				SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP (°F)	ICE BARRIER UNDERLAYMENT REQUIRED	FLOOD HAZARD	AIR FREEZING INDEX	MEAN ANNUAL TEMP (°F)
	SPEED (MPH)	TOPOGRAPHIC EFFECTS	SPECIAL WIND REGION	WIND-BORNE DEBRIS ZONE		WEATHERING	FROST LINE DEPTH	TERMITE					
50	115	NO	NO	NO	B	SEVERE	42-48	MODERATE	6	YES	JURIS-DICTION	2000 ER 1500 NIA	40.2 - 54.5

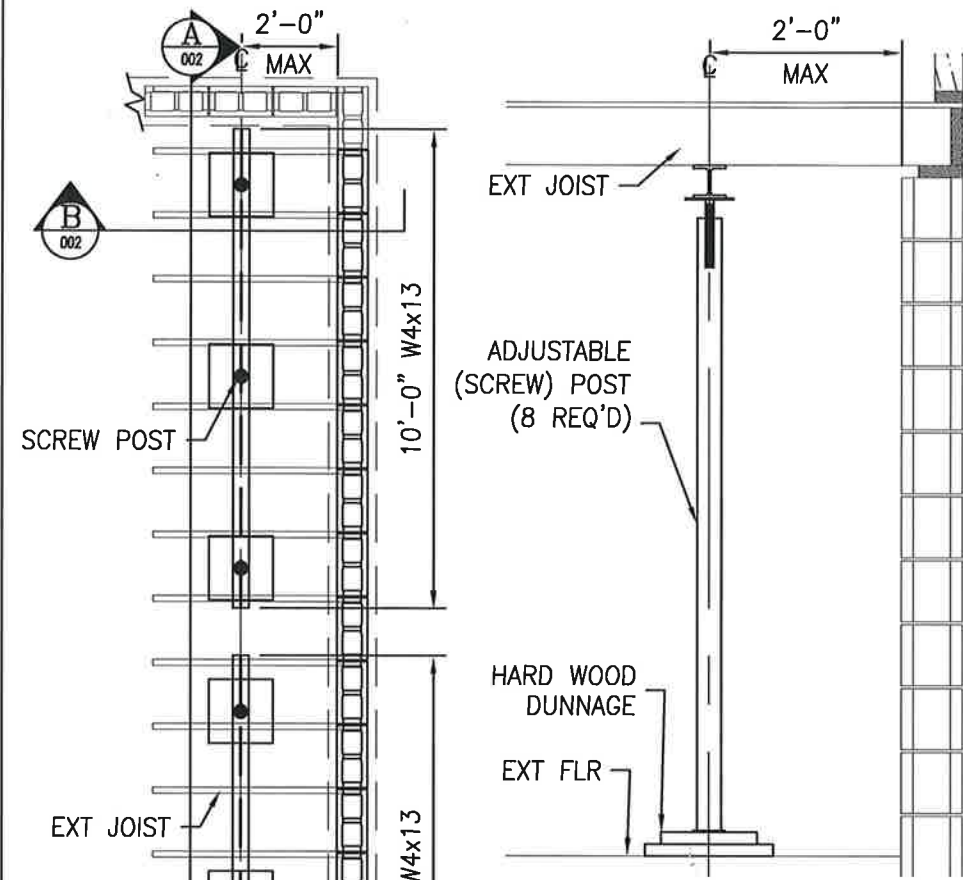


RAC ENGINEERING (716)260-2330
3082 NIAGARA FALLS BLVD N TONAWANDA NY 14120
CENTER SUPPORT BEAM REPLACEMENT & REAR ADDITION REMOVAL
103 SWEET AVENUE, BUFFALO, NY

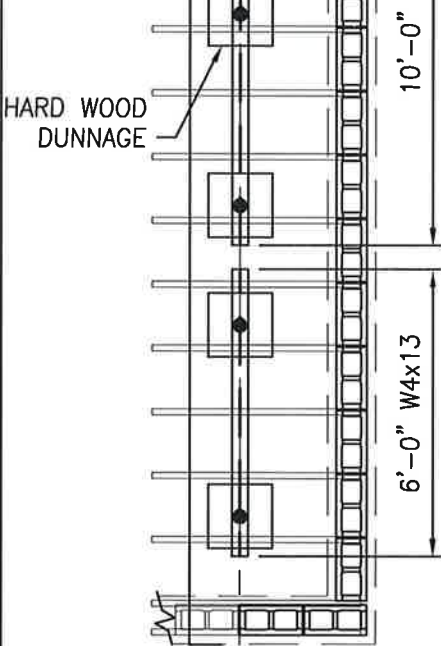
SIZE B	PROJECT NO. 41719	DWG NO. 41719-001	REV
SCALE AS NOTED	DATE 09/24/19	SHEET 001 OF 002	

WARNING IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW FOR ANY PERSON TO ALTER THIS DRAWING UNLESS THEY COMPLY WITH SECTION 7209.2 OF THE LAW

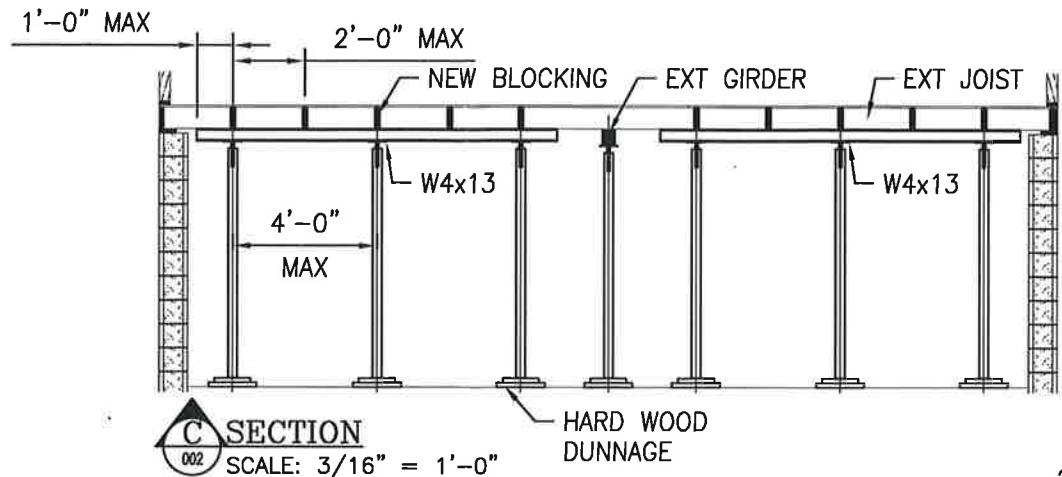
BEARING WALL



B SECTION
SCALE: 1/2" = 1'-0"



SHORING PLAN
SCALE: 1/4" = 1'-0"

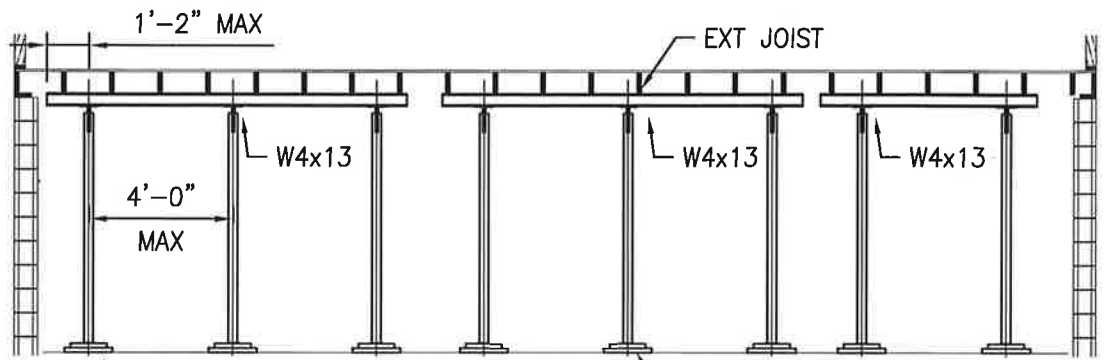


C SECTION
SCALE: 3/16" = 1'-0"

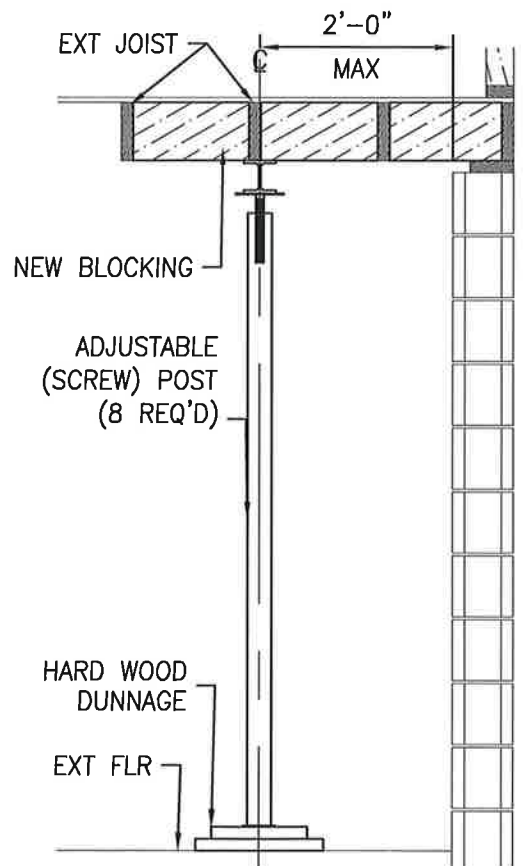
SHORING NOTES:

1. HARD WOOD DUNNAGE TO BE USED AS BASE FOR SCREW POSTS. MONITOR FLOOR FOR CRACKING, IF CRACKING OCCURS INCREASE DUNNAGE FOOT PRINT. BEGIN WITH A MINIMUM 16"x16"
2. SCREW POSTS TO HAVE A MINIMUM CAPACITY OF 25,000 LBS
3. WEIGHT OF STRUCTURE IS 3924 LBS/FT AT LINES OF SUPPORT
4. TOTAL WGT TO BE CARRIED = 3924 LBS/FT x 4 FT = 15696 LBS
5. FACTOR OF SAFETY = 25000/15696 = 1.6
6. REPEAT SETS OF 3 AND 2 POSTS AS REQUIRED.
7. THIS DESIGN IS FOR A TWO STORY FULL BRICK FACE HOME (ASSUMED WORST CASE)

NOTE: THIS IS A STANDARD DETAIL SHEET AND NOT ALL DETAILS ON THIS PAGE MAY APPLY TO THIS SPECIFIC PROJECT

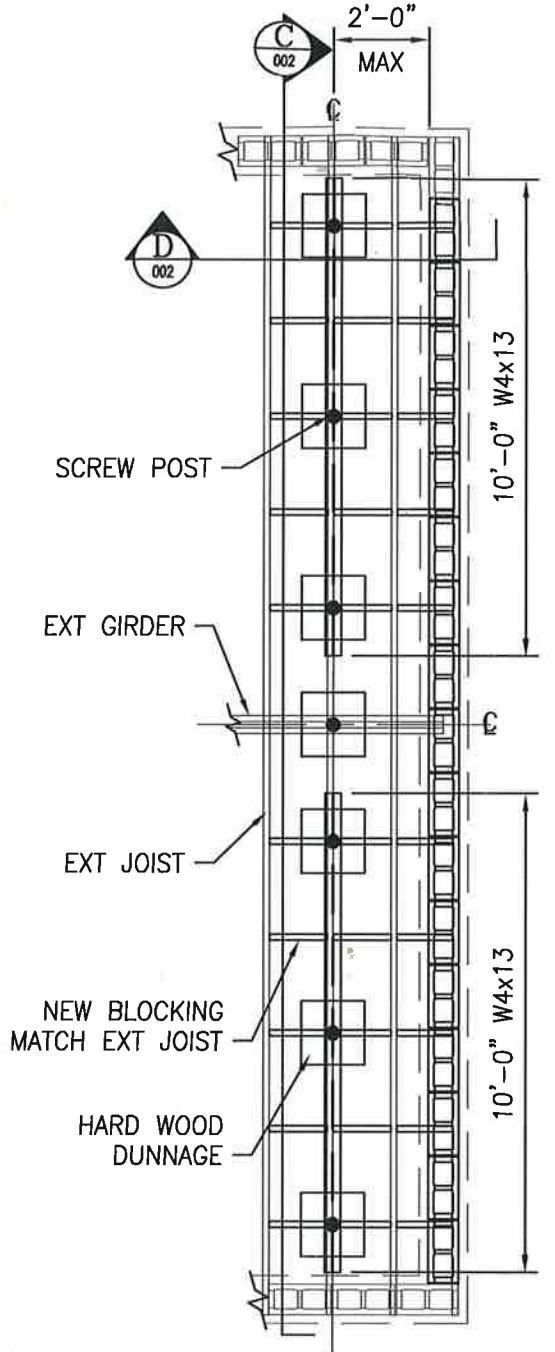


A SECTION
SCALE: 3/16" = 1'-0"



D SECTION
SCALE: 1/2" = 1'-0"

GABLE END WALL



SHORING PLAN
SCALE: 1/4" = 1'-0"

REPRODUCTION OF THIS DRAWING FOR USE IN THE PRODUCTION OF SHOP DETAILS AND ERECTION DRAWINGS IS EXPRESSLY FORBIDDEN



RAC ENGINEERING (716)260-2330			
3082 NIAGARA FALLS BLVD N TONAWANDA NY 14120			
STANDARD SHORING DETAILS			
TWO STORY RESIDENTIAL HOUSE			
103 SWEET AVENUE, BUFFALO, NY			
SIZE B	PROJECT NO. 41719	DWG NO. 41719-002	REV
SCALE AS NOTED	DATE 09/24/19	SHEET 002 OF 002	

WARNING IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW FOR ANY PERSON TO ALTER THIS DRAWING UNLESS THEY COMPLY WITH SECTION 7209.2 OF THE LAW