ATTACHMENT NO. X-C: Capron Property Structural Removal

Potential motion: Move to approve N-Trak Group for the Capron building demolition.

Recommended action: Approve the motion

Greg Stahler put together bid specs for the demolition of the structures on the new Capron property. Fifteen different contractors were invited to bid. Six contractors returned bids. The N-Trak Group from Loves Park was the lowest bidder at $21,700. After review, Greg Stahler felt this bid matched the needed specifications to complete the job.

# PROPOSAL TABULATION SHEET

**Project Number:** CSG736
**Project:** Building Demolition

**Date:** January 11, 2021
**Time:**
**Location:** North Boone Community Unit School District 200

| BIDDING INFORMATION | | | | | | | BASE BID | ALTERNATE BID | TOTAL |
|---|---|---|---|---|---|---|---|---|---|
| BIDDERS | INFO | | | ADDENDUM RECEIPT | | | | 1 | |
| | PRE QUAL | BOND | CK | 1 | 2 | | | House Basement Backfill | |
| **BREAK THRU DEMOLITION**<br>Lombard, Illinois | | | | | | | NO BID | | |
| **COPENHAVER CONSTRUCTION**<br>Gilberts, Illinois | | | | | | | NO BID | | |
| **HOFF DISPOSAL**<br>Loves Park, Illinois | | | | | | | NO BID | | |
| **N-TRAK GROUP**<br>Loves Park, Illinois | | | | | | | $18,700 | $3,000 | $21,700.00 |
| **TROY LEE EXCAVATING**<br>Rockford, Illinois | | | | | | | NO BID | | |
| **SIGNATURE DEMOLITION SERVICE**<br>Bridgeview, Illinois | | | | | | | NO BID | | |
| **ALPINE DEMOLITION SERVICES**<br>St. Charles, Illinois | | | | | | | $33,600 | $3,500 | $37,100 |
| **NATIONAL WRECKING**<br>Chicago, Illinois | | | | | | | NO BID | | |
| **AMERICAN DEMOLITION**<br>Elgin, Illinois | | | | | | | NO BID | | |
| **FOWLER SERVICES**<br>Batavia, Illinois | | | | | | | $28,820 | $1,860 | $30,680 |
| **OMEGA III**<br>Elgin, Illinois | | | | | | | $31,640 | $6,420 | $38,060 |
| **FOX EXCAVATING**<br>Glenview, Illinois | | | | | | | NO BID | | |
| **AYRE EXCAVATING**<br>Clinton, WI | | | | | | | $34,800 | $4,000 | $38,800.00 |
| **NORTHERN ILLINOIS SERVICE**<br>Rockford, Illinois | | | | | | | $19,800 | $3,950 | $23,750.00 |

# *Project Manual*

Project Name:

## Building Demolition

Architect's Project Number: CSG736

Project Location:

## Residential Property

230 N. Wooster Street
Capron, Illinois

Owner:

## North Boone Community Unit School District 200

6248 N. Boone School Road
Poplar Grove, Illinois

Issue:

Issued For Proposal
December 29, 2020

***Cashman Stahler Group***

## SECTION 000030 - INVITATION TO BID

**Project:**

CSG736 Building Demolition

**Location(s):**

Residential Property
230 N. Wooster Street
Capron, Illinois

**Owner:**

North Boone Community Unit School District 200
6248 N. Boone School Road
Poplar Grove, Illinois

**Architect:**

Cashman Stahler Group, Inc.
1910 S. Highland Avenue, Suite 310
Lombard, Illinois 60148

**Bid Proposal Submission:**

Bids Proposals are to be delivered to the Owner via email or via hand delivery, mail, or messenger:

**Place:** Administrative Offices
North Boone Community Unit School District 200
6248 N. Boone School Road
Poplar Grove, Illinois

**Date:** **Monday, January 11, 2021**

**Bid Envelopes:**

All proposals must contain the following information on the outside of the envelope:

- Project Name
- Bidder's Company Name

**Bid Emails:**

All proposals submitted electronically via email shall be sent to both of the following email addresses:

Mr. Jim Nolan
Owner's Representative
**jnolen@nbcusd.org**

Mr. Greg Stahler
Cashman Stahler Group
**gstahler@cashmanstahler.com**

**Bid Documents:**

Bidders can obtain an electronic copy of the bid proposal documents, consisting of one (1) project manual, by contacting the individual listed below via email.

Greg Stahler
Cashman Stahler Group.
1910 S. Highland Avenue, Suite 310
Lombard, Illinois 60048
Telephone: (630) 889-8800 X2500
Email: gstahler@cashmanstahler.com

**Bidder Questions:**

Contractor questions that arise during bidding should be directed to the District Architect, Greg Stahler at Cashman Stahler Group **via email (gstahler@cashmanstahler.com)** to assure proper receipt, response and documentation of all inquires.

**Field Verification:**

Field verification of the existing conditions is REQUIRED prior to submission of a bid. The project site may be visited by making arrangements with North Boone Community Unit School District 200 by contacting the following individual:

Mr. Jim Nolen
North Boone Community Unit School District 200
6248 N. Boone School Road
Poplar Grove, IL 61065
Telephone: (815) 765-9675
Email: jnolen@nbcusd.org

**Owner's Rights:**

The Owner reserves the right to accept or reject any and all bids, and to waive informalities to any bid when such is deemed by the Owner to be in the Owner's best interest.

This invitation is issued in the name of North Boone Community Unit School District 200.

END OF SECTION 000030

SECTION0 000300 - BID PROPOSAL FORM

BID PROPOSAL DATE: _____

BID PROPOSAL TO: **North Boone Community Unit School District 200**
6248 N. Boone School Road
Poplar Grove, Illinois 61065

BID PROPOSAL FROM: _____

_____

_____

_____

BID PROPOSAL FOR: **Building Demolition**

230 N. Wooster Street
Capron, Illinois 61012

**The Undersigned Acknowledges Receipt of:**

Having examined the site of the work, and having familiarized himself or herself with local conditions and existing site conditions affecting the cost of the work and with all requirements of the bid proposal documents, hereby agrees to perform all work and furnish all labor, material and equipment specifically required by the Documents..

**The Undersigned Agrees:**

To provide the specified demolition services for the stated lump sum price(s).

To accept the provisions of the Bid Proposal Form and Proposal Documentation.

To enter into and execute an Agreement with the Owner, if awarded on the basis of this Bid Proposal, and in connection therewith to:

1. Furnish certificate of insurance.
2. Furnish all submittals and permits required by the Bid Proposal Documents.
2. Accomplish the work in accordance with the Bid Proposal Documents.
4. Perform all work in accordance with state and local governing authority regulations.
3. Complete all required work by the completion date(s) and in accordance with the schedule specified in the Bid Proposal Documents.

**Start Dates/Completion Dates:**

The Owner will not be responsible for any additional costs due to the Contractor or Subcontractors for performing work on evenings, weekends, or holidays in order to complete the work on or before the required substantial completion date(s) or final completion date(s) specified in this Bid Proposal Form and agreed to by the Bidder.

**Bid Proposal Date:** Submit the Bid Proposal **on or before the end of the day on January 11, 2021** via email, messenger, hand delivery, or mail to the Owner's Representative.

**Commencement Date:** The District will award a Contract for the work **on or before January 19, 2021.** The undersigned agrees to begin mobilization immediately upon receipt of the Owner's Notice To Proceed or Purchase Order.

**Substantial Completion Date:** The undersigned agrees to have the work substantially complete **on or before March 15, 2021.**

**Lump Sum Bid Proposals :**

For providing all demolition scope of work associated with:

**BASE BID - BUILDING DEMOLITION**
**Bid Proposal Lump Sum of:**

_____ **Dollars ($_____).**
**(*Include Owner Contingency Allowance Number One of Three Thousand Dollars ($3,000) in the Bid Proposal Lump Sum.*)**

**ALTERNATE BID ONE - HOUSE FILL / GRADING**
**ADD Alternate Lump Sum of:**

_____ **Dollars ($_____).**
***(Alternate Bid One is not included in Base bid Lump Sum)***

**Bid Acceptance:**

The Owner reserves the right to award the contract to its best interests, to reject any or all proposal, to waive any informalities in bidding and to hold all bids for the bid guarantee period. The Owner reserves the right to award separate contracts for any of the items of work bid herein.

The Owner reserves the right to award the contract to the lowest responsible Base Bid Lump Sum or the lowest Base Bid and Alternate Bid One Lump Sum.

**Representations and Certifications:**

The bidder makes the following representations and certifications as part of his bid proposal on the project herein identified in the Bid Proposal Form. In the case of a joint venture bid, each party represents and certifies as to his own organization.

AVAILABILITY. The number and amount of contracts and awards pending which I am and/or will be obligated to perform, now and during the course of the project, will not interfere with or hinder the timely prosecution of my work.

INDEPENDENT PRICE DETERMINATION. The contract sum in this bid has been arrived at independently, without consultation, communication or agreement for the purpose of restricting competition.

PREVAILING WAGE. The contractor and each subcontractor shall pay not less than the general prevailing rate of hourly wages for work of a similar character in the locality in which the work is performed and not less than general prevailing rate of hourly wages for legal holidays and overtime work in the performance of work under this contract, as established by the Illinois Department of Labor, pursuant to an act of the General Assembly of the State of Illinois approved June 26, 1941 as amended according to the Illinois Revised Statutes, Chapter 48, Section 39s-1, et seq.

Pursuant to Illinois Revised Statutes, Chapter 48, Section 39s-5, the contractor and each subcontractor shall keep an accurate record showing the names and occupation of all laborers, workers and mechanics employed by them, and also showing the actual hourly wages paid to each such individual, which record shall be open at all reasonable hours to inspection by the Owner, its officers and agents, and to agents of the Illinois Department of Labor.

The contractor and each subcontractor hereby agree, jointly and severally, to defend, indemnify and hold harmless the Owner and Architect from any and all claims, demands, liens or suits of any kind or nature whatsoever (including suits for injunctive relief) by the Illinois Department of Labor under the Illinois Prevailing Wage Act, Illinois Revised Statutes, Chapter 48, Section 39s-1, et seq., or by any laborer, worker or mechanic employed by the contractor or the subcontractor who alleges that he has been paid for his services in a sum less than prevailing wage rates required by Illinois law. The Owner agrees to notify the contractor or subcontractor of the pendency of any such claim, demand, lien or suit.

BID-RIGGING/BID ROTATING. The undersigned is not barred from bidding on this project as a result of a violation of either Section 33E-3 (Bid-rigging) or Section 38E-4 (Bid rotating) under Article 33E of Chapter 38 of the Illinois Revised Statutes.

**Signature:**

The undersigned respectfully submitted this _____ day,

in the month of _____, 20___.

Type of Firm (Bidder to indicate)

_____ Individual

_____ Partnership

_____ Corporation

_____ Joint Venture

_____
(Firm Name)

_____

_____
(Address)

(AFFIX CORPORATE SEAL)

_____
(Telephone Number)

_____
(Authorized Bidder's Name)

_____
(Authorized Bidder's Signature)

_____
(Title)

Subscribed and sworn to me this _____ day of _____, 20___.

Notary Signature: _____

_____
(Printed Name) (AFFIX NOTARY SEAL)

END OF SECTION 000300

# SECTION 011000 - SUMMARY

## PART 1 - GENERAL

### 1.1 SUMMARY

A. This Section includes the following:

1. Proposal Requirements
2. Scope of Work.
3. Contract Requirements
4. Warrantee
5. Use of premises.
6. Work restrictions.

### 1.2 PROPOSAL AND PROJECT SCHEDULE REQUIREMENTS

A. All proposals shall be submitted via email, messenger, hand delivery, or mailed to the Owner's Representative.

B. All prospective bidders are required to visit the project sites to thoroughly review and familiarize themselves with the existing conditions prior to submission of a proposal.

**C. All Bid Proposals are due on or before the end of the day on January 11, 2021.**

**D.** Complete all scope of work necessary to achieve Substantial Completion on or before March 15, 2021**,** or in accordance with the schedule established with the Owner.

E. North Boone Community Unit School District 200 is not obligated to accept the lowest or any other bid and reserves the right to reject any and all bids, to waive any informalities and irregularities in bidding procedure and to award the contract to the lowest responsible bidder, as determined by the Owner. Discrepancies in the numbers and figures prepared by the bidders will be resolved in favor of the correct sum.

F. The District reserves the right to reject any proposals of any bidder when it is in the best interest of the Owner.

### 1.3 SCOPE OF WORK

A. The scope of work generally includes, but is not limited to, the following:

1. Building Demolition: Complete demolition, removal, and off-site disposal of existing house and garage structure. Complete removal of existing foundation walls and footings, concrete floor slabs, and all granular fill. Remove all building materials above and below grade in their entirety.

2. Fill and Grading: To the extent indicated (Base Bid and/or Alternate Bid), fill and grade basement, crawl space, and foundation voids with clean, compacted clay fill to a finished grade which is level with the existing, adjacent site elevations.

3. Site Improvements: Remove asphalt and concrete driveway, concrete stairs and sidewalks, and all associated stone base material and all site improvements indicated on the Contract Documents. Fill all voids with clean compacted fill to a finished grade which is level with the existing, adjacent site elevations.

4. Existing Utilities: The Owner will be responsible for scheduling the deactivation of existing gas, water, and electrical site utilities. Scope of work of this contract will include locating and capping of all existing utilities (electrical, gas, water, and sanitary) as required. Contractor is responsible for contacting J.U.L.I.E. to verify locations of all existing utilities and providing an existing conditions survey to confirm route of utilities to be removed and proposed service termination locations.

5. Landscaping: Existing bushes, plantings, landscape timbers and boulders. and small caliper trees located adjacent to existing structures to be demolished, including select trees, landscaping, site improvements, where specifically indicated.

6. Permits: Obtain all applicable permits required for the demolition from all local governing authorities. Meet all regulatory requirements, including but not limited to, soil erosion and control and environmental protections.
   a. Cost of all permits will be paid for by the Owner's Contingency Allowance.

7. Erosion Control: Provide all means of erosion control necessary to control disturbed soil migration off the property. Provide all erosion control required by governing agencies. The amount of erosion control will vary based on the Contractor's construction methods and project approach.

## 1.4 WORK COVERED BY CONTRACT DOCUMENTS

A. Project Identification: Building Demolition

1. Project Location:
   Residential Property
   230 N. Wooster Street
   Capron, Illinois

2. Owner:
   North Boone Community Unit School District 200
   Administrative Offices
   6248 N. Boone School Road
   Poplar Grove, Illinois 61065

3. Owner's Representative:
   Mr. Jim Nolen
   North Boone Community School District 200
   Administrative Offices
   6248 N. Boone School Road
   Poplar Grove, Illinois 61065
   Telephone: (815) 765-9675
   Email: jnolen@nbcusd.org

1.5 CONTRACT REQUIREMENTS

A. Project will be performed under a single prime contract.

B. This is a prevailing wage project. The contractor and each subcontractor shall pay not less than the general prevailing rate of hourly wages as established by the Illinois Department of Labor for Boone County.

C. The Contractor shall furnish Certified Payrolls for all personnel engaged in the performance of the work on a monthly basis and /or prior to Final Payment.

D. The Contractor shall furnish Final Waivers for all subcontractors and suppliers with submission of Final Application for Payment.

E. The Contractor shall furnish a Certificate of Insurance which includes the Owner and Architect as additional insured. Provide the following minimum levels of insurance shall generally be as follows:

1. Workers' Compensation, Occupational Disease and Employer's Liability Insurance
   a. State Statutory Limits
   b. Federal Statutory Limits
   c. $1,000,000 Each Occurrence

2. Comprehensive General Liability or Commercial General Liability
   a. $2,000,000 Aggregate
   b. $1,000,000 Each Occurrence

3. Contractual Liability
   a. $2,000,000 Aggregate
   b. $1,000,000 Each Occurrence

4. Personal Injury / Business Automobile Liability / Bodily Injury
   a. $1,000,000 Aggregate
   b. $1,000,000 Each Occurrence

5. Umbrella Excess Liability
   a. $2,000,000 Over Primary Insurance
   b. $2,000 Retention for Self-Insured Hazards Each Occurrence

1.6 WARRANTEE

A. Installation Warrantee: Provide an installation warrantee that all materials and workmanship shall be free of defects for a period of one (1) year from Substantial Completion.

1.7 USE OF PREMISES

A. General: Contractor shall have limited use of premises for construction operations. The Contract Limits shall be established between the Owner and Contractor.

B. Use of Site: Limit use of premises to areas where scope of work is indicated. Do not enter, use or disturb portions of Project site beyond areas in which the Work is indicated.

1. Limits: Confine construction operations to the project site areas made available for the work of this Contract and limit access and use of the project site to minimize the disruption of existing grades and vegetation. The surrounding properties, including all access drives, landscape areas, and parking lots, are off limits to all construction activities and traffic.

2. Owner Occupancy: The project site is unoccupied by the Owner. The surrounding sites are occupied by the Owner and Property Owners. Allow for safe and undisrupted access and occupancy of the surrounding properties.

3. Maintenance and Cleaning: The Contractor is responsible for controlling all dust migration, all soil erosion, and migration of any and all construction and site material onto adjacent sites and roadways. Contractor is responsible for all progress cleaning and final cleaning of adjacent sites and roadways.

1.8 WORK RESTRICTIONS

A. On-Site Work Hours: Work shall be generally performed during normal business working hours of 7:00 a.m. to 3:30 p.m., Monday through Friday, except otherwise indicated.

1. Work hours shall be in accordance with local municipality ordinances.

2. After Hours/Weekend Hours: Access to the project site on second shift and/or during the weekend MAY be permitted if advanced approval is received from the Owner's Representative.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 011000

# SECTION 012100 - ALLOWANCES

## PART 1 - GENERAL

### 1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Specification Sections, apply to this Section.

### 1.2 SUMMARY

A. This Section includes administrative and procedural requirements governing allowances.

1. Certain items are specified in the Contract Documents by allowances. Allowances have been established in lieu of additional requirements and to defer selection of actual materials and equipment to a later date when additional information is available for evaluation. If necessary, additional requirements will be issued by Change Order.

B. Types of allowances include the following:

1. Contingency allowances.

### 1.3 SUBMITTALS

A. Submit invoices or delivery slips to show actual hours expended and/or actual quantities of materials delivered to the site for use in fulfillment of each allowance.

### 1.4 CONTINGENCY ALLOWANCES

A. Use the contingency allowance only as directed by Architect for Owner's purposes and only by Change Orders that indicate amounts to be charged to the allowance.

B. Change Orders authorizing use of funds from the contingency allowance will include only the cost of the work requested by the Owner and all of the Contractor's related costs including insurance, overhead and profit.

C. At Project closeout, credit unused amounts remaining in the contingency allowance to Owner by Change Order.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 PREPARATION

A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

3.3 SCHEDULE OF ALLOWANCES

A. **Owner Contingency Allowance Number One:** Include Three Thousand Dollars ($3,000) for additional demolition, permits, and/or site restoration scope of work the Owner may request.

END OF SECTION 012100

## SECTION 012300 - ALTERNATES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes administrative and procedural requirements for alternates.

1.3 DEFINITIONS

A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the Bidding Requirements that may be added to or deducted from the Base Bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.

1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.

2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

3. Include all overhead, profit, bonds, insurance, general conditions, labor, materials, and all required work in each alternate bid amount.

1.4 PROCEDURES

A. Coordination: Modify or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.

1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.

B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated modifications to alternates.

C. Execute accepted alternates under the same conditions as other work of the Contract.

D. Schedule: A Schedule of Alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

**A. Alternate Bid Number One: House Fill / Grading.**

1. Type of Alternate Bid: Additive (This alternate bid is an ADD alternate and IS NOT included in the Base Bid Lump.)

2. Description: Provide all labor and material associated with the filling of the house basement, foundation, and crawl space voids with compacted fill. Fill to be placed, compacted, and graded to match existing elevations of surrounding site grades. (Refer to the Drawings and the Specifications for additional information and requirements.)

END OF SECTION 012300

# SECTION 017320 - SELECTIVE DEMOLITION

## PART 1 - GENERAL

### 1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

### 1.2 SUMMARY

A. This Section includes the following:

1. Complete demolition, removal and off-site disposal of select site improvements and vegetation.
2. Complete demolition and removal of existing underground utilities (electrical, plumbing, gas, and sanitary), including all components and accessories located on the property.
3. Complete demolition and offsite disposal of existing wood framed house, masonry foundations, footings and concrete floor slabs.
4. Complete demolition and offsite disposal of existing wood framed garage, concrete foundations, footings and concrete floor slabs on grade.
4. Complete demolition of existing concrete and asphalt paving driveways and associated stone aggregate subbase material.
5. Complete demolition and removal of existing concrete sidewalks, entrance steps, and associated stone aggregate subbase material.
6. Removal and disposal of all existing furnishings, appliances, and equipment, including but not limited to, furnace, a/c condensers and water heater.
7. Complete removal and disposal of all miscellaneous, landscaping materials, bushes, trees, materials and site improvements and associated footings (i.e., clothes line supports, fencing, mailbox, light pole, flagpole, bird feeder, etc.) to the extent indicated.

B. Related Sections include the following:

1. Division 1 Section "Summary" for scope of work and use of the premises requirements.

### 1.3 DEFINITIONS

A. Remove: Detach items from existing construction and legally dispose of them off-site, unless indicated to be removed and salvaged or removed and reinstalled.

B. Remove and Salvage: Detach items from existing construction and deliver them to Owner, where indicated.

C. Remove and Reinstall: Detach items from existing construction, prepare them for reuse, and reinstall them, where indicated.

D. Existing to Remain: Existing items of construction that are not to be removed and that are not otherwise indicated to be removed, removed and salvaged, or removed and reinstalled.

### 1.4 MATERIALS OWNERSHIP

A. Except for items or materials indicated to be reused, salvaged, reinstalled, or otherwise indicated to remain Owner's property, demolished materials shall become Contractor's property

and shall be removed from Project site.

B. The Contractor shall make every effort to salvage and/or recycle building components and materials to the greatest extent possible.

1.5QUALITY ASSURANCE

A. Regulatory Requirements: Comply with governing EPA and local governing authority notification regulations before beginning selective demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.

B. Standards: Comply with ANSI A10.6 and NFPA 241.

1.6 PROJECT CONDITIONS

A. Upon selective demolition of existing foundation systems and other subsurface materials, the Owner and/or Architect will field review all existing excavations to insure completeness of demolition. Contractor to provide all de-watering required for the performance of this field inspection.

B. Owner assumes no responsibility for condition of areas to be selectively demolished.

1. Conditions existing at time of inspection for bidding purpose will be maintained by Owner as far as practical.

C. Hazardous Materials: It is not expected that hazardous materials will be encountered in the Work.

1. If materials suspected of containing hazardous materials are encountered, do not disturb; immediately notify Architect and Owner. Where required, hazardous materials will be removed by Owner under a separate contract.

D. Storage or sale of removed items or materials on-site will not be permitted.

PART 2 - PRODUCTS

2.1 REPAIR MATERIALS

A. In the event existing to remain materials are damaged, use repair materials identical to existing materials.

1. If identical materials are unavailable or cannot be used for exposed surfaces, use materials that visually match existing adjacent surfaces to the fullest extent possible.
2. Use materials whose installed performance equals or surpasses that of existing materials.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Retain a utility locator service to confirm the presence and configuration of all existing underground utilities.

B. Verify that utilities have been disconnected and capped.

C. Survey existing conditions and correlate with requirements indicated to determine extent of selective demolition required.

## 3.2 PREPARATION

A. Temporary Protection: Provide temporary barricades completely surrounding the project area and other protection required to prevent access to the project area.

1. Provide protection to ensure safe passage of people around selective demolition area and project site.
2. Provide temporary weather protection, during selective demolition of existing construction to prevent water accumulation in excavated areas.
3. Provide all necessary dewatering of excavated areas and site areas to the extent required to perform the demolition scope of work.

B. Permanent Protection (Base Bid): Provide continuous plastic construction fence/barricade completely surrounding the remaining house basement excavation upon completion of the demolition, excavation and grading work.

C. Utilities: Cap and otherwise protect existing public utility lines in accordance with the requirements of the public agency or utility having jurisdiction.
1. In all activities, comply with pertinent regulations of governmental agencies having jurisdiction.
2. Owner will work with utility providers for existing electrical, water, and gas service shut off.

## 3.3 POLLUTION CONTROLS

A. Dust Control: Use water mist, temporary enclosures, and other suitable methods to limit spread of dust and dirt. Comply with governing environmental-protection regulations.

1. Do not use water when it may damage existing construction or create hazardous or objectionable conditions, such as ice, flooding, and pollution.
2. Do not allow demolition operations to interfere with School operation and programs, unless Owner has granted such approvals in advance of demolition work.

B. Disposal: Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.

C. Cleaning: Promptly and regularly clean adjacent building areas located outside the limits of construction of dust, dirt, and debris caused by selective demolition operations during the construction period. Return adjacent areas to condition existing before selective demolition operations began.

## 3.4 SELECTIVE DEMOLITION

A. General: Completely demolish and remove existing construction to the extent indicated on the Contract Documents. Use methods required to complete the Work within limitations of governing regulations.

3.5 PATCHING AND REPAIRS

A. General: Promptly repair damage to caused by selective demolition operations.

3.6 DISPOSAL OF DEMOLISHED MATERIALS

A. General: Promptly dispose of demolished materials. Do not allow demolished materials to accumulate on-site.

B. Burning: Do not burn demolished materials.

C. Disposal: Transport demolished materials off Owner's property and legally dispose of them.

END OF SECTION 01732

## SECTION 021100 – SITE CLEARING AND DEMOLITION

PART 1 - GENERAL

1.1 WORK INCLUDED

A. Clearing of vegetation and tree removal and demolition within the limits of the designated work areas includes, but is not necessarily limited to, the following:

1. Clearing, removing and disposing of trees (and stumps), bushes (and root balls), and site improvements and any other work specifically indicated on the Contract Documents.
2. Removing and disposing of site rubbish of whatever nature. This includes materials or other manmade objects not included in the finished project.
3. Removing and disposing of all landscape area timbers, boulders, bricks, logs, shrubs, brush, other vegetation and stumps indicated for removal and located adjacent to existing structures and improvements indicated for demolition.
4. Clearing, removing and disposal of existing vegetation which will interfere with or be disturbed by the demolition activities, and/or necessary for the proper re-grading of the project areas.

B. When demolition and removal is complete, the site shall be leveled reasonably smooth surface, free of all demolition debris, depressions, or obstructions and ready for future improvements.

C. Related work described elsewhere:

1. Section 017320 – Selective Demolition
2. Section 022000 – Earthwork, Filling and Grading
3. Section 022720 - Erosion Control

PART 2 – MATERIALS

2.1 CLEARING

A, Clearing shall consist of the removal and disposal of all obstructions such as stone pavers, landscape retaining walls, logs, shrubs, brush, grass, weeds, other vegetations, and all accumulations of rubbish of whatever nature.

2.2 TREE AND BRUSH REMOVAL

A. Tree removal shall consist of the cutting, grubbing, removal, and offsite disposal of all trees indicated for removal.

B. Tree stump removal shall consist of the pulling or grubbing, removal, and offsite disposal of all stumps (and all stump debris).

C. Only those trees and stumps designated for removal shall be disturbed.

D. Brush removal shall consist of cutting, grubbing, removal and offsite disposal of all brush (and

the entire root ball) surrounding the structure to be removed and all existing shrubs and bushes present on the surrounding project site.

## PART 3 – PROTECTION

### 3.1 TREE ROOT ZONE PROTECTION

A. Prior to any construction activities, including staging, in the vicinity of any tree to be saved, a snow fence or equivalent shall be staked at least 5 feet from the trunk as a root protection zone. No activities shall be allowed in this zone.

B. Tree protection fence shall be maintained during the Work of this Contract and shall be retained in place until after Final Completion, unless instructed otherwise.

C. All tree protection fencing construction and placement share be performed in accordance with all governing authorities.

D. All trees located within the area of construction which are not designated for removal shall be protected during clearing and subsequent construction operations.

E. In the event that any tree designated to be saved is damaged by the Contractor, such plants shall immediately be repaired or removed, at the Contractor's expense.

## PART 4- SITE OPERATIONS

### 4.1 SITE OPERATIONS

A. Unless identified as material to be relocated or reused, demolished material shall be considered to be property of the Contractor and shall be completely removed from the job site.

B. The Contractor shall maintain all roadways, parking areas, and walkways in a safe and passable condition at all times. Warning, directional and information signs shall be placed as needed and as directed by the Owner / Architect.

C. Use means necessary to prevent dust, demolition work and debris from becoming a nuisance or hazard to the public, or to the adjacent school properties. Do not allow demolition operations to interfere with school operation and programs.

D. Protect all construction to remain from damage. Provide appropriate construction fencing as detailed in the general notes and this section.

END OF SECTION 02110

## SECTION 022000 – EARTHWORK, FILLING AND GRADING

PART 1 – GENERAL

1.1 WORK INCLUDED

A. Provide labor, material, equipment and services required to complete all excavating, filling and grading work shown or specified, including but not limited to the following:

1. Filling and backfilling to attain (or match) existing grades.
2. Handling of uninterrupted surface water flow during work progress.
3. Protecting all existing to remain pipes, conduits, culverts, fences, buildings, and other public and private property adjacent to or in the line of work.
4. Rough and finished grading of the site.
5. Topsoil placement, fine grading, and erosion protection.
6. All necessary on-site fill materials and imported fill material testing and subgrade material compaction testing by a testing agency (is the responsibility of the Contractor)

1.2 SCOPE OF WORK (BASE BID)

A. Schedule site meeting with Owner's Representative and Architect prior to commencement site restoration and grading activities.

B. Provide all labor, material, equipment and services required to perform the following site restoration:

1. Contour the perimeter edges of the house structure basement and foundation voids with existing materials to reduce dimensional difference between basement level and surrounding site grade levels.
2. Provide continuous transition ramp on one perimeter side of the house basement and foundation void by excavating and grading existing materials.
3. Fill the garage structure foundation, footing and floor slab void with lifts of compacted clays to the elevation of existing topsoil.
   a. Clay fill to be placed in 12-inch lifts and compacted to 90 percent.
4. Fill and regrade all miscellaneous site areas affected by demolition and demolition activities with clean fill.
5. All excavation fill to be compacted clays.

1.3 SCOPE OF WORK (ALTERNATE BID ONE – HOUSE FILL/ GRADING)

A. Provide all labor, material, equipment and services required to perform the following site restoration:

1. Backfill house basement voids and foundation, and footing excavations with compacted clays to the elevation of the existing topsoil.
   a. Clay fill to be placed in 12-inch lifts and compacted to 90 percent.
2. Backfill scope of work is to be performed in lieu of the house basement and foundation void grading Base Bid Scope of Work.
   a. Clay fill to be placed in 12-inch lifts and compacted to 90 percent.

1.4 DUST CONTROL

A. Use of all means necessary to control dust on and near the Work if such dust is caused by the Contractor's operation during performance of the Work, or if resulting from the condition in which the Contractor leaves the site.

B. Thoroughly moisten all surfaces as required to prevent dust from being a nuisance to the public, neighbors, and concurrent performance of other work on the site.

1.5 PROTECTION AND APPROVAL

A. Use all means necessary to protect all materials of this Section before, during, and after installation and to protect all objects designated to remain.

B. All imported topsoil, granular material clay, other structurally suitable soil or other material used under this section must be approved prior to its delivery to the site.
   1. Contractor to furnish testing agency product submittals for Owner/Architect review and approval.

PART 2 – PRODUCTS

2.1 TOPSOIL

A. All onsite topsoil shall be free from large timbers, brush, or stones larger than 1" in diameter and all other litter and waste products. It shall be a loamy mixture having at least 90% passing the number 10 sieve.

B. Topsoil shall be free from extraneous material and shall comply with the following requirements:

   1. It shall contain not less than one percent (1%) nor more than ten percent (10%) organic matter as determined by the test for organic matter in accordance with AASHTO 194.
   2. It shall contain not less than 12 percent nor more than 50 percent clay as determined in accordance with AASHTO T 88.
   3. The sand content shall not exceed 55 percent as determined in accordance with AASHTO T 88.
   4. The pH shall not be lower than 6.0 nor higher than 8.0. The pH shall be determined with an acceptable pH meter, on that portion of the sample passing the No. 10 sieve, in accordance with the "Suggested Methods of Test for Hydrogen Ion Concentration (pH) of Soils" included in the procedures for Testing Soils, issued December 1964, by the American Society for Testing and Materials.

2.2 ON-SITE FILL MATERIAL

A. All onsite fill material shall be clay or granular/clay mixture or other structurally sound soil which is free from other deleterious substances. It shall contain no rocks or lumps over six inches (6") in greatest dimension.

2.3 IMPORTED FILL MATERIAL

A. All imported fill material shall meet the requirements of on-site fill material above, and in addition, shall be predominantly clay with a maximum particle size of 2" and a plasticity index of 12 or less.

3.1 PART 3 - EXECUTION GENERAL

A. Utilities:

1. Unless shown to be removed, protect active utility lines shown on the drawings or otherwise made known to the Contractor prior to excavating. If damaged, repair or replace at no additional cost to the Owner.
2. If active utility lines are encountered and are not shown on the drawings or otherwise made known to the Contractor, promptly take necessary steps to assure that service is not interrupted.

B. Dewatering (Duration of Demolition Activities):

1. Remove water, including rainwater and groundwater, encountered during sub-structure work to an approved location by pumps, drains, and other approved methods. Sediment control and treatment of water will be required.
2. Keep excavations and site construction area free from water.
3. Use means necessary to prevent dirt and dust from becoming a nuisance to the public, to neighboring property, and to other work being performed on the site.

3.2 CLEARING AND STRIPPING:

A. Clear construction site area of debris and obstruction conflicting with new work and operations. Except as noted or directed, strip construction site area of vegetation, debris and decomposed matter and legally dispose of off-site.

B. Strip topsoil and other soft and unsuitable material in areas directly adjacent to existing structure demolition to the extent necessary to prevent subsoil contamination.

C. Stockpile reusable compactable fill material separately in clear open well-drained areas not interfering with the work. Location of stockpile to be approved by Owner.

D. Protect stockpiles from storm flow and to containing stockpiles from eroding by the use of silt fence, straw bales, and temporary vegetation.

3.3 BACKFILL EXTERIOR EXCAVATION:

A. Backfill using approved fill after existing structure demolition is complete. Obtain testing agent's and/or Owner Representative approval before placing any material.

B. Place approved fill material in horizontal loose lifts less than 12" and compact to 90% of maximum density per ASTM D-1557. Obtain testing agent's approval of each lift before placing additional fill.

## 3.4 EXCESS WATER CONTROL

A. Unfavorable Weather:

1. Do not place, spread, or roll and fill material during unfavorable weather conditions. Do not resume operations until moisture content and fill density are satisfactory to the Engineer.

B. Flooding:

1. Provide berms or channels to prevent flooding. Promptly remove all water collecting in depressions.

C. Dewatering:

1. Provide and maintain at all times during construction, ample means and devices with which to remove promptly and dispose of all water from every source entering the excavations or other parts of the work.
2. Dewater by means that which will ensure dry excavations and the preservation of the final lines and grades of bottoms of excavations.

## 3.5 FILL AND COMPACTION

A. Filling:

1. Spread approved subgrade fill material in layers not exceeding twelve inches (12") in thickness prior to compaction.
2. Compact subgrade and each 12" layer of fill to 90% of maximum density per ASTM-1557.

B. Moisture-Conditioning:

1. Water or aerate the fill material as necessary, and thoroughly mix to obtain a moisture content which will permit proper compaction.

C. Compaction - General:

1. Compact each soil layer to at least the specified minimum degree. Repeat compaction process until plan grade is attained.

## 3.6 GRADING

A. General:

1. Except as otherwise directed, perform all rough and finish grading required to attain the existing elevations surrounding the voids created by selective demolition.
2. Rough graded and finish graded areas to have positive slope (crowned) for drainage and to prevent ponding.

B. Treatment After Completion of Grading:

1. After grading is completed schedule the Owner's Representative to inspect the site. After the inspection, permit no further excavating, filling, or grading except with the approval of and inspection of the Owner's Representative.
2. Use all means necessary to prevent erosion of freshly graded areas during construction and until such time as permanent drainage and erosion control measures have been installed.

3.7 ROUGH GRADING IN LANDSCAPED AREAS:

A. Grade site to uniform elevations, finish grades, and contours. Remove unsuitable material and refill voids to subgrade elevations with approved clay fill materials.
B. Compact natural soils to 85% of maximum density per ASTM-1557. Fill, compact, and grade to required elevations, contours, and slopes.

3.8 TOPSOIL

A. Spread approved topsoil from site stockpile or approved imported topsoil to provide level, positively graded site elevations. Roll and finish grade to elevation and ready for restoration. Excess topsoil shall be removed from site.
1. Restoration shall consist of 4 inches of topsoil and seeding and erosion blanket on all disturbed areas affected by construction.

3.9 EROSION CONTROL

A. The Contractor shall provide and maintain erosion control as specified and as required by governing authorities.

END OF SECTION 02200

# SECTION 022720 – EROSION CONTROL

## PART 1 - GENERAL

### 1.1 SECTION INCLUDES

A. Description of erosion control, sediment control, and other control-related practices which shall be utilized during construction activities.

B. Any fines incurred due to the Contractor not adhering to governing authority rules or the IEPA shall be borne directly by the Contractor involved, and not by the Owner.

### 1.2 RELATED SECTIONS

A. Section 022730 - Geotextile and Silt Fence

## PART 2 – PRODUCTS

### 2.1 EROSION CONTROL AND SILT FENCE

A. North American Green EroNet S75 Erosion Control Blanket, or an approved equal.

B. See Section 022730.

## PART 3 - EXECUTION - GENERAL

### 3.1 PREPARATION AND INSTALLATION

A. No clearing and grubbing or rough cutting shall be permitted until erosion and sediment control systems are in place.

B. Equipment and vehicles shall be prohibited by the Contractor from maneuvering on areas outside of dedicated rights-of-way and areas designated for construction. Damage caused by construction traffic to erosion control and/or sediment control systems shall be repaired immediately by the Contractor.

C. The Contractor shall be responsible for collecting, storing, hauling, and disposing of spoil, silt, and waste materials as specified in this or other Specifications and in compliance with applicable federal, state, and local rules and regulations.

D. Contractor shall conduct all construction operations under this Contract in conformance with the erosion control practices described in the Drawings and these Specifications.

E. The Contractor shall install, maintain, and inspect erosion and sediment control measures and practices as required.

### 3.2 TOPSOIL PLACEMENT FOR EROSION AND SEDIMENT CONTROL SYSTEMS

A. When topsoil is specified as a component of another Specification, the Contractor shall conduct erosion control practices described in this Specification during topsoil placement operations.

1. When placing topsoil, maintain erosion and sediment control systems, such as swales, grade stabilization structures, berms, dikes, waterways, and sediment basins.

2. Maintain grades that which have been previously established at areas to receive topsoil.

3. After the areas to receive topsoil have been brought to grade, and immediately prior to dumping and spreading the topsoil, loosen the subgrade by discing or by scarifying to a depth of at least 2 inches to permit bonding of the topsoil to the subsoil.

4. No seed shall be placed on soil which has been treated with soil sterilants until sufficient time has elapsed to permit dissipation of toxic materials.

3.3 DUST CONTROL

A. Implement dust control methods to control dust creation and movement on construction sites and roads and to prevent airborne sediment from reaching receiving streams or storm water conveyance systems, to reduce on-site and off-site damage, to prevent health hazards, and to improve traffic safety.

B. Implement dust control methods immediately whenever dust can be observed blowing on the project site.

3.4 KEEPING STREET CLEAN

A. Keep streets clean of construction debris and mud carried by construction vehicles and equipment.

B. Shovel or sweep the pavement to the extent necessary to keep the street clean. Water hosing or sweeping of debris and mud off the street into adjacent areas or storm structures is NOT allowed.

3.5 DEMOLITION AREAS

A. Demolition activities which create large amounts of dust with significant concentrations of heavy metals or other toxic pollutants shall use dust control techniques to limit transport of airborne pollutants.

PART 4 - EXECUTION

4.1 GENERAL

A. All work on this site shall comply with the rules, regulations and standard details of the Local Municipality and County, as well as "Procedures and Standards for Urban Soil Erosion Sedimentation Control in Illinois".

B. The Contractor is expressly advised not to disturb areas which are outside those necessary to provide the improvements called for on the plans. In particular, specific trees will be targeted for

preservation and root zone protection.

C. All erosion control measurers shall be maintained for the duration of the project. Coil rolls, silt fence, rock filters, filter fabric, and other erosion control measurers shall be replaced when damaged or filled throughout the life of the project.

4.2 TREE PROTECTION

A. Trees which are noted to be preserved shall be protected by the installation of a snow fence or silt fence at a distance of 1 foot from the trunk for each inch diameter of tree caliber. This shall be a minimum of 5 feet and maximum of 20 feet, or as required by governing authorities.

B. In situations where improvements are closer than the desired radius, coordinate with the Owner or Architect to locate the tree protection line

4.3 REINFORCED SILT FENCE

A. Prior to the commencement of any construction in any area, a reinforced silt fence must be constructed between the primary construction area and the receiving channel or waterway where such exists. This silt fence must be maintained throughout the life of the project until an adequate stand of vegetation at the finished grade is established upstream.

4.4 TOPSOIL STOCKPILES

A. If temporary stockpiles for topsoil or other site soil will be required during the progress of the project. These stockpiles should be placed in a location which is not within a water course and not subject to erosion upstream stormwater flow. All stockpiles shall be surrounded by a reinforced silt fence.

END OF SECTION 02272

## SECTION 022730 – GEOTEXTILE AND SILT FENCES

PART 1 - GENERAL

1.1 SECTION INCLUDES

A. Installation of silt fence and reinforced filter fabric barriers for erosion and sediment control used during construction and until the final development of the site.
   1. Reinforced filter fabric barriers are used to retain sedimentation in channelized flow areas.

B. Installation of geotextile for drainage.

1.2 SUBMITTALS

A. Manufacturer's catalog sheets and other product data on geotextile fabric.

1.3 SCOPE OF WORK

A. Install temporary silt fence prior to mobilization and prior to the commencement of demolition activities.

B. Maintain and repair installed silt fence and relocate silt and reinstall additional silt fence as required during the performance of the work.

C. Retain silt fence at the completion of the work.

D. Manufacturer's catalog sheets and other product data on geotextile fabric.

PART 2 - PRODUCTS

2.1 FILTER FABRIC

A. Provide woven or nonwoven geotextile filter fabric made of polypropylene material, which meet the requirements of this section and/or meets the requirements of all governing authorities.

B. Woven geotextile fabric shall have a minimum grab strength of 270 psi in any principal direction (ASTM D4632), and the equivalent opening size between 50 and 20 (ASTM D4751). The material shall be AMOCO 2006, Linq GTF 250 or approved equal.

C. Fingerdrains - Nonwoven geotextile fabric shall have a minimum tensile strength of 90 psi in any principal direction (ASTM D4632) and a minimum flow rate of 110 Gal/min/SF (ASTM 4491). The material shall be AMOCO 4545, Linq 125EX, Synthetic Industries 351 or approved equal.

D. Filter fabric material shall contain ultraviolet inhibitors and stabilizers to provide a minimum of 6 months of expected usable construction life at a temperature range of 0 degrees F to 120 degrees F.

PART 3 - EXECUTION-REINFORCED FILTER FABRIC BARRIER

3.1 PREPARATION AND INSTALLATION

A. Provide erosion and sediment control systems at the locations required to prevent erosion or required by governing authorities. Such systems shall be of the type indicated and shall be constructed in accordance with the requirements specified in this Section.

B. No clearing and grubbing or rough cutting shall be permitted until erosion and sediment control systems are in place.

C. Maintain existing erosion and sediment control systems located within the project site for the duration of the work. Systems to be retained in place after the acceptance of the project or until directed by the Owner's Representative to remove and discard the existing system.

D. Regularly inspect and repair or replace damaged components of the reinforced filter fabric barrier as specified in this Section. Unless otherwise directed, maintain the erosion and sediment control system until the project is complete. Remove erosion and sediment control systems promptly when directed by the Owner's Representative. Discard removed materials offsite.

E. Remove sediment deposits and dispose of them at the designated spoil site for the project. Dispose of sediment offsite at location not in or adjacent to a stream or floodplain. Off-site disposal is the responsibility of the Contractor. Sediment to be placed at the project site should be spread evenly throughout the site, compacted and stabilized. Sediment shall not be allowed to flush into a stream or drainage way. If sediment has been contaminated, it shall be disposed of in accordance with existing federal, state, and local rules and regulations.

F. Equipment and vehicles shall be prohibited by the Contractor from maneuvering on areas outside of dedicated rights-of-way and easements for construction. Damage caused by construction traffic to erosion and sediment control systems shall be repaired immediately.

G. Conduct all construction operation under this Contract in conformance with the erosion control practices described in the Section 022720 - Erosion Control.

3.2 CONSTRUCTION METHODS

A. Provide filter fabric barriers in accordance with the Drawing detail for Filter Fence. Filter fabric barrier systems shall be installed in such a manner that surface runoff will percolate through the system in sheet flow fashion and allow sediment to be retained and accumulated.

B. Attach the woven wire support to 1-inch by 2-inch wooden stakes spaced a maximum of 6 feet apart and embedded a minimum of 8 inches. Install wooden stakes at a slight angle toward the source of the anticipated runoff.

C. Trench in the toe of the filter fabric (barrier filter fence) with a spade or mechanical trencher so that the downward face of the trench is flat and perpendicular to the direction of flow as shown on the Drawings. Lay filter fabric along the edges of the trench. Backfill and compact trench.

D. Securely fasten the filter fabric material to the woven wire with tie wires.

E. Reinforced filter fabric barrier shall have a height of 18 inches.

F. Provide the filter fabric in continuous rolls and cut to the length of the fence to minimize the use of

joints. When joints are necessary, splice the fabric together only at a support post with a minimum 6-inch overlap and seal securely.

G. Inspect the reinforced filter fabric barrier systems after each rainfall, daily during periods of prolonged rainfall, and at a minimum once each week. Repair or replace damaged sections immediately. Remove sediment deposits when silt reaches a depth one-third the height of the barrier or 6 inches, whichever is less.

PART 4 - EXECUTION, NON-WOVEN SOIL FILTRATION FABRIC

4.1 PREPARATION AND CONSTRUCTION METHODS FOR AREA APPLICATION

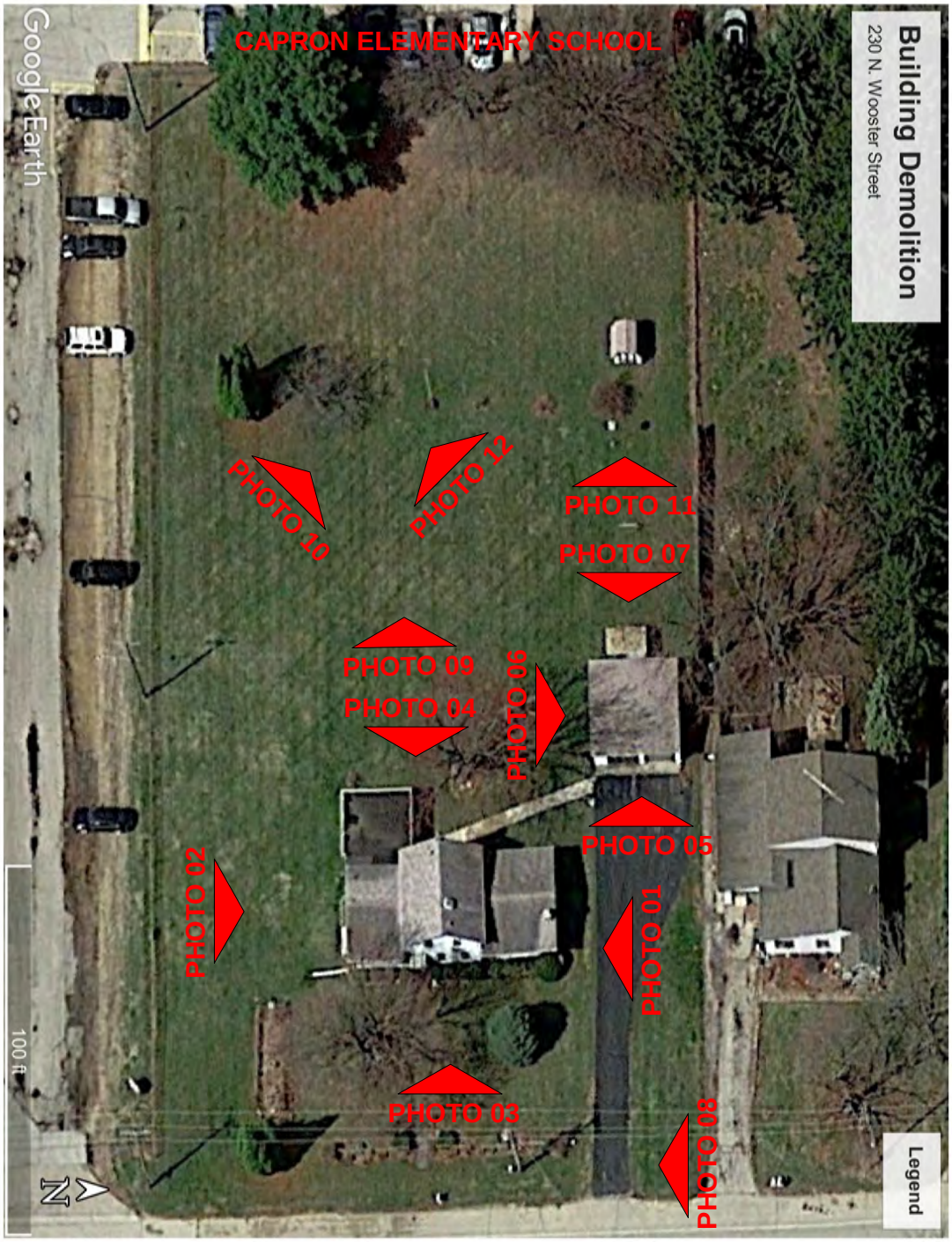
4.2 Non-woven geotextile will often also be utilized as a soil separation material, or below rip rap in a shore stabilization application, or possibly below pavement structures when drainage is the primary consideration.

4.3 In all cases, remove all sharp objects and other potentially damaging material and grade level prior to the installation of the fabric.

4.4 The fabric should have a minimum of 18 inches of overlaps on ends and sides.

4.5 Cover the fabric with a minimum of 6 inches of granular material prior to any equipment running on the fabric area.

END OF SECTION 022730




1 Site Key Plan
3" = 1'-0"

**Cashman Stahler Group**
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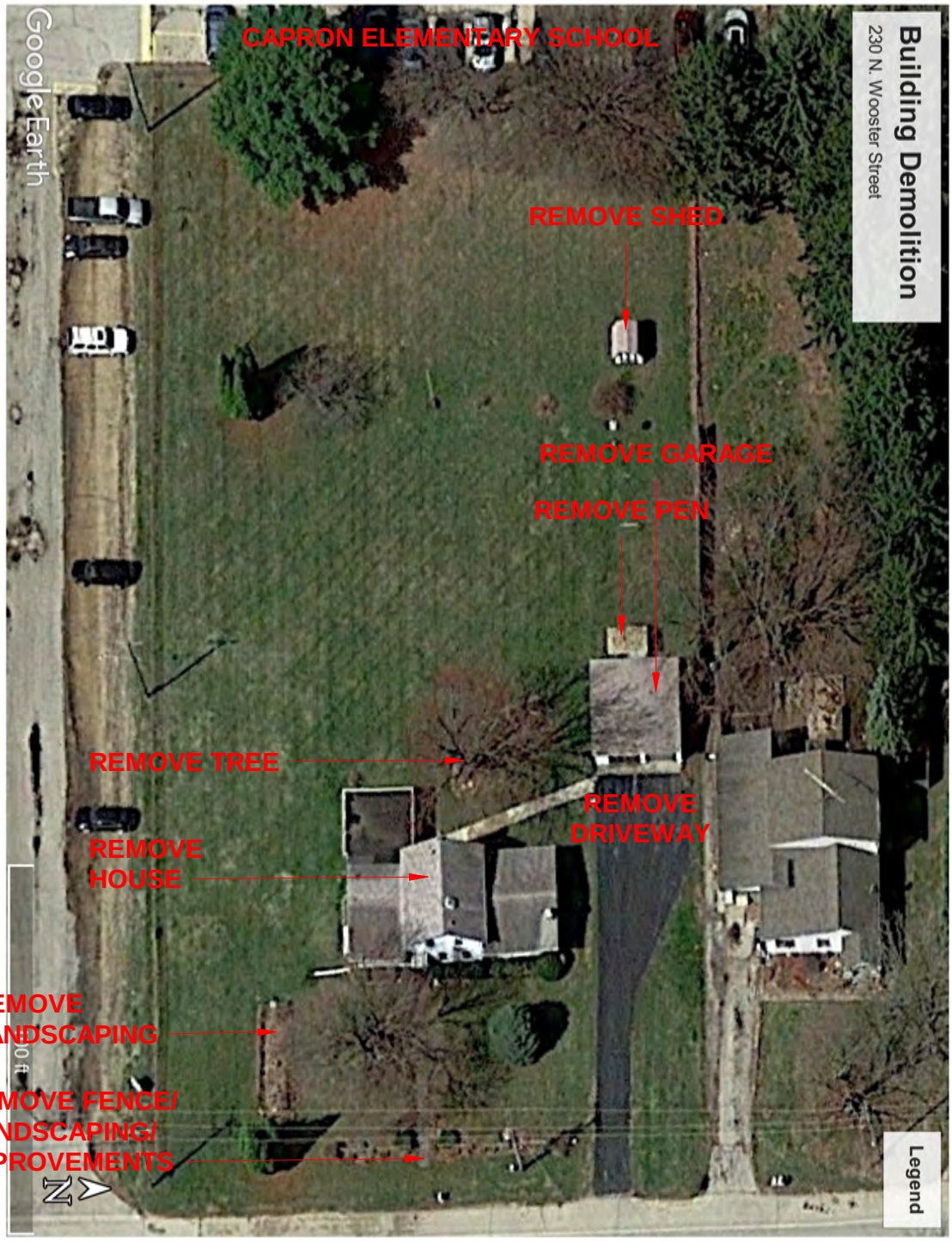
**BUILDING DEMOLITION**
230 N. Wooster Street, Capron, Illinois

**North Boone Community Unit School District 200**
Poplar Grove, Illinois

Date: 12/29/20
Project: CSG736

A101




1 Site Demolition Plan
3" = 1'-0"

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A102

SCOPE OF WORK

1. REMOVE HOUSE

2. REMOVE CONCRETE SIDEWALK

3. REMOVED LANDSCAPE AREAS ADJACENT HOUSE (BOULDERS/TIMBERS/ PLANTINGS)

1 Photograph 01 - North Elevation
12" = 1'-0"

SCOPE OF WORK

1. REMOVE HOUSE

2. REMOVE LANDSCAPE AREA

3. REMOVE CONCRETE SIDEWALK

4. REMOVED LANDSCAPE AREAS ADJACENT HOUSE (BOULDERS/TIMBERS/ PLANTINGS)

2 Photograph 02 - South Elevation
12" = 1'-0"

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A103

SCOPE OF WORK

1. REMOVE HOUSE

2. REMOVE CONCRETE SIDEWALK AND STOOP

3. REMOVE LANDSCAPE AREAS ADJACENT HOUSE (BOULDERS/TIMBERS/ PLANTINGS)

1 Photograph 03 - East Elevation
12" = 1'-0"

SCOPE OF WORK

1. REMOVE HOUSE

2. REMOVE LANDSCAPE AREA

3. REMOVE CONCRETE SIDEWALK

4. REMOVE LANDSCAPE AREAS ADJACENT HOUSE (BOULDERS/TIMBERS/ PLANTINGS)

5. REMOVE TREE

2 Photograph 04 - West Elevation
12" = 1'-0"

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A104

SCOPE OF WORK

1. REMOVE GARAGE.

2. REMOVE CONCRETE SLAB AND APRON.

3. REMOVE ASPHALT PAVEMENT.

1 Photograph 05 - Garage
12" = 1'-0"

SCOPE OF WORK

1. REMOVE GARAGE

2 Photograph 06 - Garage
12" = 1'-0"

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A105

SCOPE OF WORK

1. REMOVE GARAGE

2. REMOVE FENCED PEN.

3. REMOVE CLOTHESLINE POLES (TWO LOCATIONS)

1 Photograph 07 - Garage
12" = 1'-0"

SCOPE OF WORK

1. REMOVE WOOD FENCE.

2. REMOVE LANDSCAPE BOULDERS AND TIMEBRS.

3. REMOVE LIGHT POST AND ELECTIRCAL SERVICE.

4. REMOVE ALL PLANTINGS ALONG FENCE LINE.

2 Photograph 08 - Site
12" = 1'-0"

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A106

SCOPE OF WORK

1. REMOVE LANDSCOPE BOULDERS AND TIMBERS

2. LEVEL LANDSCAPED AREA FLUSH WITH TURF.

1 Photograph 09 - Site
12" = 1'-0"

2 Photograph 10 - Site
12" = 1'-0"

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A107

SCOPE OF WORK

1. REMOVE BIRD HOUSE
2. REMOVED SHED

1 Photograph 11 - Site
12" = 1'-0"

SCOPE OF WORK

1. REMOVE FLAGPOLE

2 Photograph 12 - Site
12" = 1'-0"

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A108