



Request For Proposal

Grand Traverse County Board of Public Works Peninsula Township Pump Station #1 – Shoreline Stabilization: Sheet Piling Request For Proposal (RFP)

Proposals Due:

4:00PM, Tuesday, April 7, 2020

Sealed Proposals shall be Delivered and/or Mailed to:

Pump Station #1 - Sheet piling Proposal

Grand Traverse County

2650 LaFranier Road

Traverse City, MI 49686

Attn: John Divozzo, Director

jdivozzo@grand-traverse.org

Phone: 231-995-6039

Fax: 231-929-7226

Address Questions to:

GFA

Jennifer Hodges, P.E. (Engineer)

123 West Front Street

Traverse City, MI 49684

Email: jennifer@gfa.tc

Phone: 231-946-5874

Fax: 231-946-3703

General Scope:

The DPW is requesting proposals to provide supply and installation of a shoreline stabilization utilizing sheet piling at the Peninsula Township Pump Station #1, located at 6895 Peninsula Drive, Traverse City, Michigan, 49686.

Requirements - General:

- Work must comply with all applicable laws, regulations
- All equipment shall be installed compliant with manufacturer's recommendations.
- Contractor shall be responsible for obtaining all local regulatory permits, completing inspections and payment of all associated fees which include but are not limited to Building.
- Provide, a one (1) year full labor and material warranty on all workmanship, material and equipment furnished for this project.
- It is strongly recommended that you make a site visit and perform an evaluation of the existing conditions and proposed scope of work. Coordinate with the DPW for site access:
 - Sam Tyson, DPW Manager (231) 590-2660



Terms of Agreement:

General:

- To hold bid open for 60 consecutive calendar days from the bid due date
- To enter into and execute a contract with the Grand Traverse County Board of Public Works. See attached

Insurance:

- Contractor will have Worker's Compensation Insurance in limits required by state law and Comprehensive General Liability Insurance coverage in force for all of its operations under this contract

Bonds:

- The Contractor shall include in the proposal price the cost to provide the following:
 - Maintenance and Guarantee Bond in the amount of 50% of the proposal amount, guarantying for a period of one (1) year from final acceptance of the project work
 - Letter of Surety, licensed to business in the State of Michigan, stating ability to obtain a Performance Bond, and Labor and Material Bond for 100% of the proposal amount.

Shop Drawings/O&M Submittals:

- Provide four (4) copies of material specification sheets and warranty information to DPW Engineer. Do not proceed until written approval is received.
- Coordinate all work with DPW Engineer

Services/Materials to be Provided:

Contractor shall provide all equipment and materials necessary to complete the work described herein. The Contractor shall provide a detailed summary of the equipment and services to be provided. The scope of work shall include but shall not be limited to the following:

General:

- Installation of sheet piling in accordance with the attached plans.
- Contractor shall be responsible to field verify all conditions prior to beginning work.
 - Final location to be coordinated with owner and dimensions as required by equipment manufacturer.
 - An existing 30'x50' easement is to be utilized for installation. All staging, storage and permanent installation of equipment shall remain within the limits of this easement.
 - Final location of equipment to be coordinated and approved by the DPW and Engineer prior to completing.
 - The DPW shall provide staking of easement corners
- Complete Miss Dig prior to any underground excavation, as applicable.
- Mobilization, site clearing / grubbing, restoration and cleanup per the attached drawing be included but not limited to removal and disposal of bushes, topsoil, seed and mulch and removal/ disposal of existing fencing to facilitate installation of equipment.
- Disposal of existing equipment to be removed at the direction of the DPW.
- Coordination of delivery and unloading of materials



Materials:

- Grand Traverse County Department of Public Works does not pay State of Michigan 6% sales tax on material.

References:

- References available upon request

Schedule:

- To be completed by June 1, 2020
- All work must be completed within twenty (20) calendar days from the beginning of removal to final clean up. Delays by inclement weather shall be approved by the DPW manager.

Contractors Proposal Form

Bidders are instructed to submit bids for this project on a lump sum basis as stated in the Proposal.

All bid items are tax inclusive and include shipping/delivery fees. All work shall be in compliance with bid drawings, terms identified in the RFP and applicable laws.

Total Lump Sum Fee \$ _____

_____ Bidders Signature

_____ Printed Name:

_____ Business Name:

_____ Address:

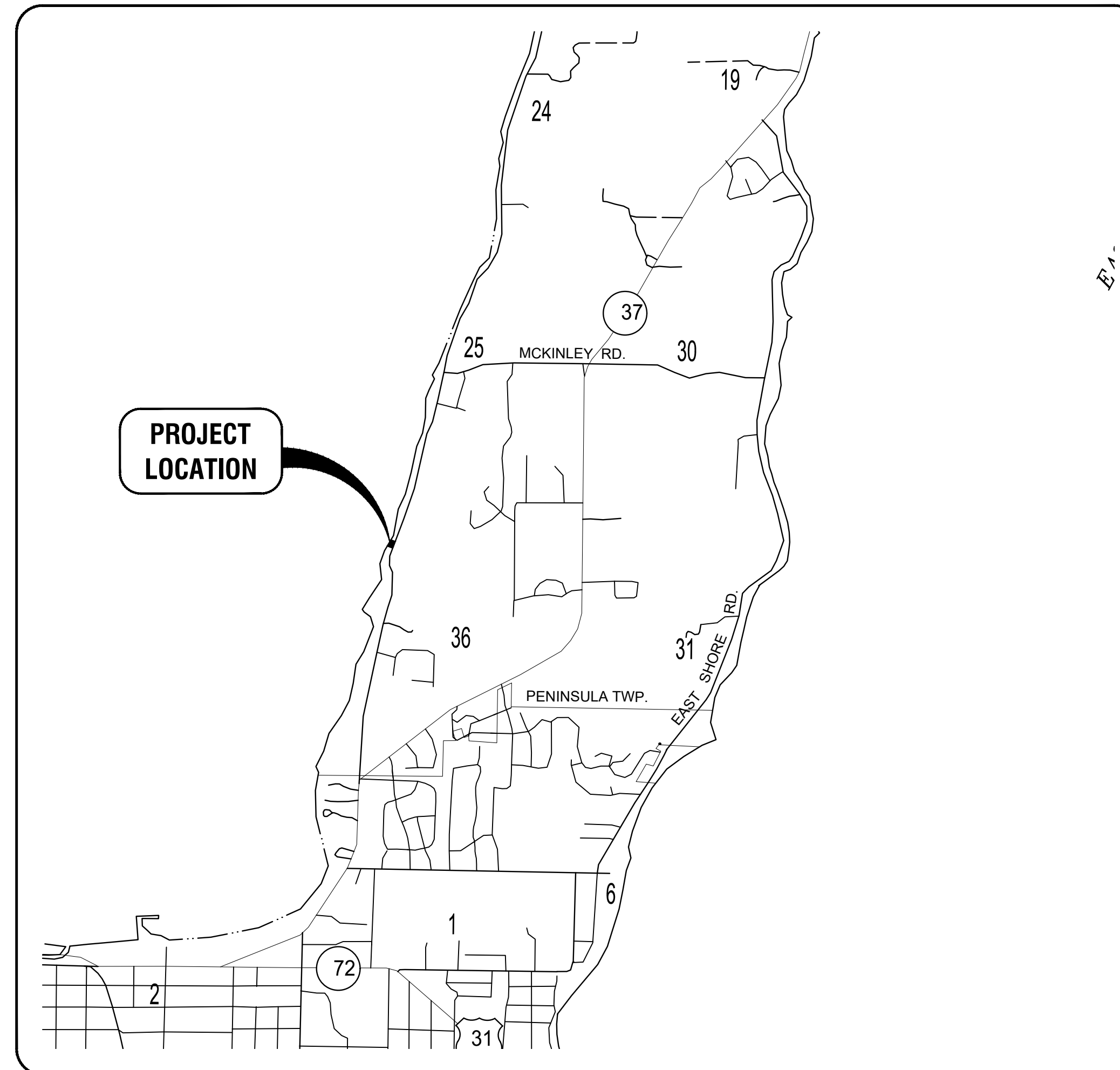
_____ MI Contractor License No.:

_____ Telephone:

_____ Email:

Grand Traverse County Board of Public Works reserves the right to accept or reject any or all proposals.

PLANS PREPARED FOR: GRAND TRAVERSE COUNTY DPW PENINSULA TWP. PUMP STATION #1 SHORELINE STABILIZATION: PROPOSED SHEET PILING



LOCATION MAP

PENINSULA TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN
SCALE: 1" = 2000'

CONTACT INFORMATION

| | | |
|---|---|---|
| <p>PUBLIC AGENCIES PENINSULA TOWNSHIP Telephone: 231.223.7322 GRAND TRAVERSE COUNTY D.P.W. Telephone: 231.922.4896 GRAND TRAVERSE COUNTY ROAD COMMISSION Telephone: 231.922.4848</p> | <p>EMERGENCY SERVICES EMERGENCY CALLS 911 MISS DIG Telephone: 1.800.482.7171 OR "811" POLICE AGENCIES City of Traverse City - Telephone: 231.941.2300 Peninsula Township Police - Telephone: 231.223.4525 Grand Traverse County Sheriff - Telephone: 231.941.2225 Michigan State Police - Telephone: 231.946.4646</p> | <p>UTILITY AGENCIES CHERRYLAND ELECTRIC COOPERATIVE Telephone: 231.943.8377 CONSUMERS ENERGY Telephone: 231.929.6242 TRAVERSE CITY LIGHT & POWER Telephone: 231.922.4942 DTE ENERGY Telephone: 231.592.3244 CHARTER COMMUNICATIONS Telephone: 231.929.7012 AT&T MICHIGAN Telephone: 231.941.2707</p> |
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GENERAL NOTES

- SPECIAL CARE SHALL BE TAKEN IN EXCAVATING IN THE PROXIMITY OF ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL SECURE ASSISTANCE FROM THE APPROPRIATE UTILITY COMPANY IN LOCATING ITS LINES. THE CONTRACTOR SHALL ALSO PROVIDE SUPPORT FOR ANY UTILITY WITHIN THE EXCAVATION, PROVIDE PROPER COMPACTION UNDER ANY UNDERMINED UTILITY STRUCTURE AND, IF NECESSARY, INSTALL TEMPORARY SHEETING OR USE A TRENCH BOX TO MINIMIZE THE EXCAVATION. THE CONTRACTOR SHALL PROTECT AND SAVE HARMLESS FROM DAMAGE ALL UTILITIES, WHETHER PRIVATELY OR PUBLICLY OWNED, ABOVE OR BELOW GROUND SURFACE, WHICH MAY BE ENCOUNTERED DURING CONSTRUCTION, AT NO ADDITIONAL COST TO THE OWNER.
- THE LOCATION OF EXISTING PUBLIC UTILITIES AND UNDERGROUND STRUCTURES SUCH AS PIPE LINES, ELECTRIC CONDUITS, SEWERS AND WATER LINES, OF RECORD ARE SHOWN ON THE PLANS. THE INFORMATION SHOWN IS BELIEVED TO BE REASONABLY CORRECT AND COMPLETE. HOWEVER, NEITHER THE CORRECTNESS NOR THE COMPLETENESS OF SUCH INFORMATION IS GUARANTEED. PRIOR TO THE START OF ANY OPERATIONS IN THE VICINITY OF ANY UTILITIES, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES AND MISS DIG AND REQUEST THAT THEY STAKE OUT THE LOCATIONS OF THE UTILITIES IN QUESTION. THE CONTRACTOR SHALL COORDINATE THE RELOCATION OF ANY UTILITIES WITH THE UTILITY PROVIDOR. COST OF REPAIR FOR ANY DAMAGED UTILITY LINES THAT IS PROPERLY STAKED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS GOVERNING THE FURNISHING AND USE OF SAFEGUARDS, SAFETY DEVICES AND PROTECTION EQUIPMENT. THE CONTRACTOR SHALL TAKE ANY NECESSARY PRECAUTIONS TO PROTECT THE LIFE AND HEALTH OF EMPLOYEES AND THE PUBLIC IN THE PERFORMANCE OF THE WORK.
- FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 53, 1974, THE CONTRACTOR SHALL DIAL 1-800-482-7171 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED. MEMBERS WILL BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE PART OF THE "MISS DIG" ALERT SYSTEM.
- EXISTING PROPERTY CORNERS ARE IDENTIFIED ON THE PLANS. IF A PROPERTY CORNER IS DISTURBED DURING CONSTRUCTION IT SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE BY A PROFESSIONAL LAND SURVEYOR.
- TRAFFIC SHALL BE MAINTAINED AT ALL TIMES WITH SIGNAGE TO COMPLY TO COMPLY TO MMUTC. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION AND PERMITTING WITH GTRC.
- CONTRACTOR SHALL RESTORE ALL LAWNS, LANDSCAPE PLANTINGS, SIDEWALKS, COMMERCIAL SIGNS, ETC., AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
- ALL WORK SHALL TAKE PLACE WITHIN THE CONFINES OF THE EXISTING EASEMENT AND OUTSIDE INFLUENCE OF ROAD. IF ADDITIONAL ROOM IS NECESSARY, CONTRACTOR SHALL PROVIDE WRITTEN PERMISSION FROM ADJACENT PROPERTY OWNERS TO ENGINEER.

CONSTRUCTION SCHEDULE NOTES

- A CONSTRUCTION SCHEDULE AND OPERATION PLAN SHALL BE SUBMITTED TO THE ENGINEER/OWNER FOR APPROVAL PRIOR TO BEGINNING WORK.
- CONTRACTOR SHALL PROPERLY DISPOSE OF REMOVED MATERIALS OR SALVAGE AS DIRECTED BY THE D.P.W.
- CONTRACTOR SHALL FIELD VERIFY THE PROPOSED IMPROVEMENTS WILL PROPERLY FIT THE EXISTING CONFINES PRIOR TO BEGINNING WORK. IF MODIFICATIONS ARE NECESSARY CONTRACTOR SHALL DO SO AT NO ADDITIONAL COST TO THE PROJECT.

SOIL EROSION AND STORM WATER CONTROL NOTES

- THE CONTRACTOR SHALL PROVIDE TEMPORARY SOIL EROSION CONTROL MEASURES PER P.A. 451 AS AMENDED. WITH THE USE OF SILT FENCE AND OTHER TEMPORARY MEASURES THE CONTRACTOR SHALL PROTECT THE ADJACENT AREA FROM ACCELERATED EROSION AND SEDIMENTATION FLOWS RESULTING FROM CONSTRUCTION. THE CONTRACTOR SHALL INSTALL ADDITIONAL TEMPORARY AND PERMANENT SOIL EROSION CONTROL MEASURES, IF DIRECTED BY THE ENGINEER OR SOIL EROSION CONTROL OFFICER, AT NO ADDITIONAL COST TO THE PROJECT.
- INSTALLATION AND MAINTENANCE OF TEMPORARY SOIL EROSION CONTROL MEASURES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- SHOULD ADDITIONAL SOIL EROSION CONTROL MEASURES BE DETERMINED TO BE NECESSARY BY EITHER THE SOIL EROSION CONTROL OFFICER OR THE OWNER'S ENGINEER THEY SHALL BE IN PLACE NO LATER THAN 24 HOURS FROM THE TIME OF NOTIFICATION TO THE GENERAL CONTRACTOR FOR THE PROJECT. IF NOT PLACED IN 24 HOURS OR LESS ALL ON SITE CONSTRUCTION WILL BE HALTED UNTIL SUCH MEASURES ARE INSTALLED AND APPROVED BY EITHER THE SOIL EROSION CONTROL OFFICER OR THE OWNER'S ENGINEER.
- ALL DISTURBED NON-HARD SURFACE AREAS TO BE STABILIZED WITH TOPSOIL, SEEDED, FERTILIZED AND MULCHED. DISTURBED AREAS SHALL BE TOPSOILED TO A DEPTH NOT LESS THAN FOUR (4) INCHES. SLOPES BETWEEN 1 ON 3 AND 1 ON 2 SHALL BE SODDED AND STAKED OR RECEIVE SEED WITH MULCH BLANKET.
- IF REQUESTED BY THE ENGINEER OR SOIL EROSION CONTROL OFFICER, A WATER TRUCK SHALL BE KEPT ON STAND-BY ON SITE DURING THE CONSTRUCTION PHASE OF THE PROJECT. THE WATER TRUCK SHALL BE USED AS DIRECTED BY THE ENGINEER OR SOIL EROSION CONTROL OFFICER TO CONTROL WIND EROSION AND DUST CONTROL.
- ALL STORM DRAINAGE PIPE SHALL BE CORRUGATED GALVANIZED STEEL PIPE, HDPE OR APPROVED EQUAL.
- EXISTING STORM DRAINAGE DITCHES SHALL BE REBUILT IF FILLED IN OR REMOVED DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO REPAIR OR REPLACE, AS REQUIRED, ALL DRAINAGE CULVERTS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED/REPLACED. ALL COSTS ASSOCIATED WITH REPAIRING/REPLACING SHALL BE INCLUDED IN THE COST OF THE PROJECT.
- THE CONTRACTOR SHALL REMOVE OR CAUSE TO BE REMOVED ALL SEDIMENT OR SOILS THAT HAVE BEEN DROPPED, WASHED ONTO OR TRACKED OUT ONTO PUBLIC RIGHT-OF-WAY OR PRIVATE ROADS AT THE END OF EACH WORKING DAY OR AFTER EACH RAIN EVENT ON NON-WORK DAYS.
- ALL REMOVED TOPSOIL WILL BE STOCKPILED WITHIN THE PROJECT AREA. IF ADDITIONAL TOPSOIL IS AVAILABLE AFTER TOPSOILING THE CONSTRUCTION AREA, IT WILL BE STOCKPILED WITHIN 1000 FEET OF THE CONSTRUCTION AREA AS DIRECTED BY THE OWNER OR ENGINEER.
- THE CONTRACTOR SHALL REPAIR ALL WASHOUTS AND EROSION DURING THE GUARANTEE PERIOD OF ONE (1) YEAR AT NO ADDITIONAL COST TO THE OWNER.

LEGEND

| | | |
|---------------------|-------------------------|--------------------|
| ● Iron Found | ☒ Utility Riser | ~~~~~ Tree Line |
| ○ Iron Set | ⊗ Gate Valve | ----- Fence Line |
| ⊙ Monument Found | ⊕ Fire Hydrant Assembly | ▨ Asphalt Surface |
| ⊙ Nail Found | ⊕ Utility Pole | ▨ Concrete Surface |
| ⊙ Stake Found | ⊕ Guy Pole | ▨ Gravel Surface |
| ⊙ Stake Set | ⊕ Guy Anchor | |
| ⊙ Benchmark | ⊕ Sign | |
| (M) Measured | ⊕ U/G Utility Sign | |
| ⊕ Sanitary Manhole | ⊕ Curb Stop & Box | |
| ⊕ Storm Manhole | ⊕ Mailbox | |
| ⊕ Unknown Manhole | ⊕ Light Pole | |
| ⊕ Catch Basin Inlet | ⊕ Yard Light | |
| ● Catch Basin | | |

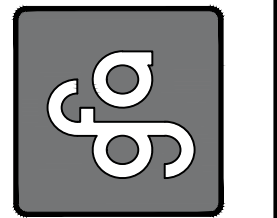
BASIS OF ELEVATION

NAVD 88 DATUM

SHEET INDEX

| | |
|-------------------|---|
| COVER & NOTES | 1 |
| CONSTRUCTION PLAN | 2 |

http://gfa.tc
231.946.5874 (p)
231.946.3703 (f)



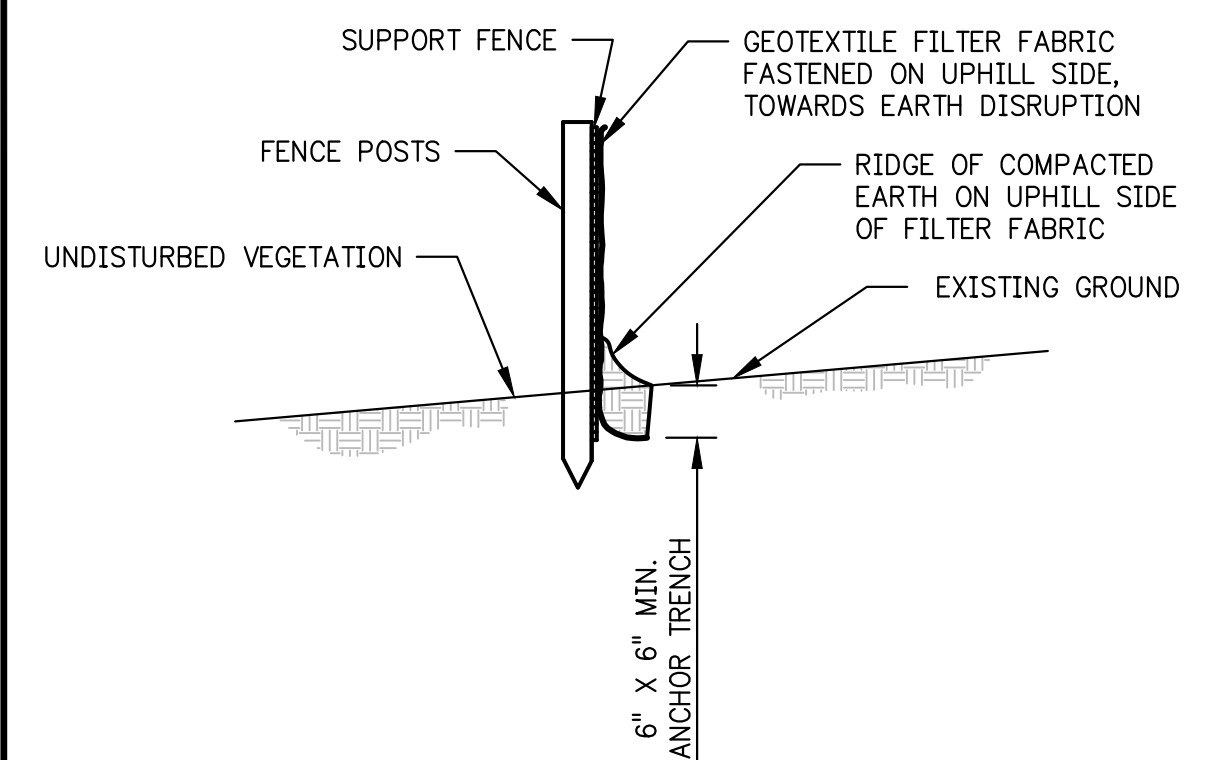
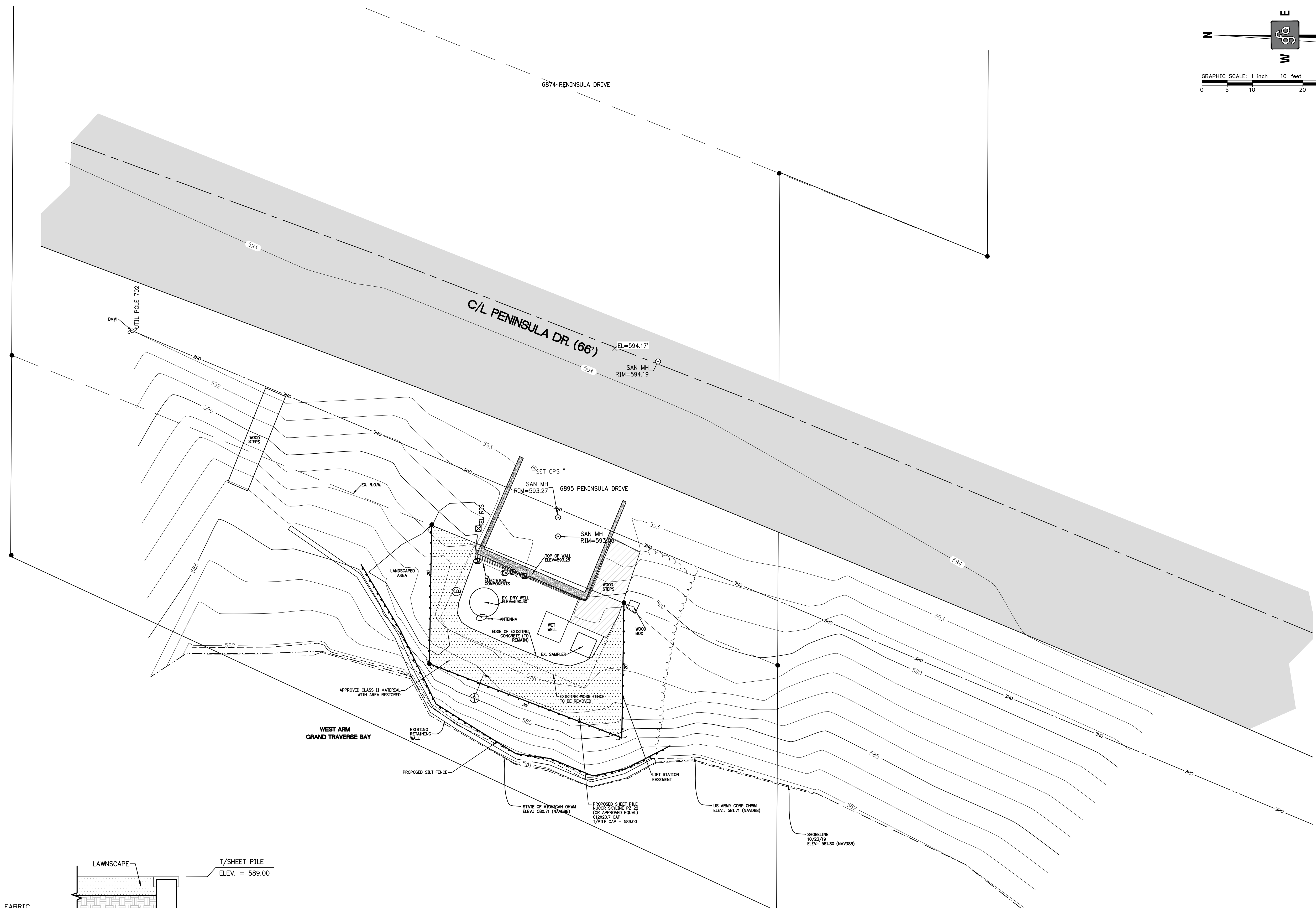
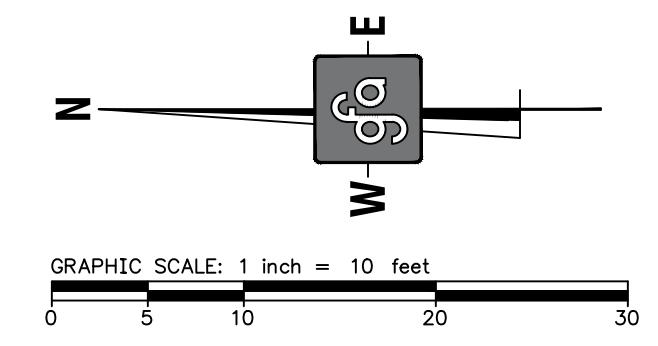
ENGINEERING SURVEYING TESTING & OPERATIONS
123 West Front Street
Traverse City, MI 49684

| REV# | DATE | BY | ISSUED FOR CONSTRUCTION |
|------|--------|-----|-------------------------|
| 0 | 3-4-20 | SUS | |

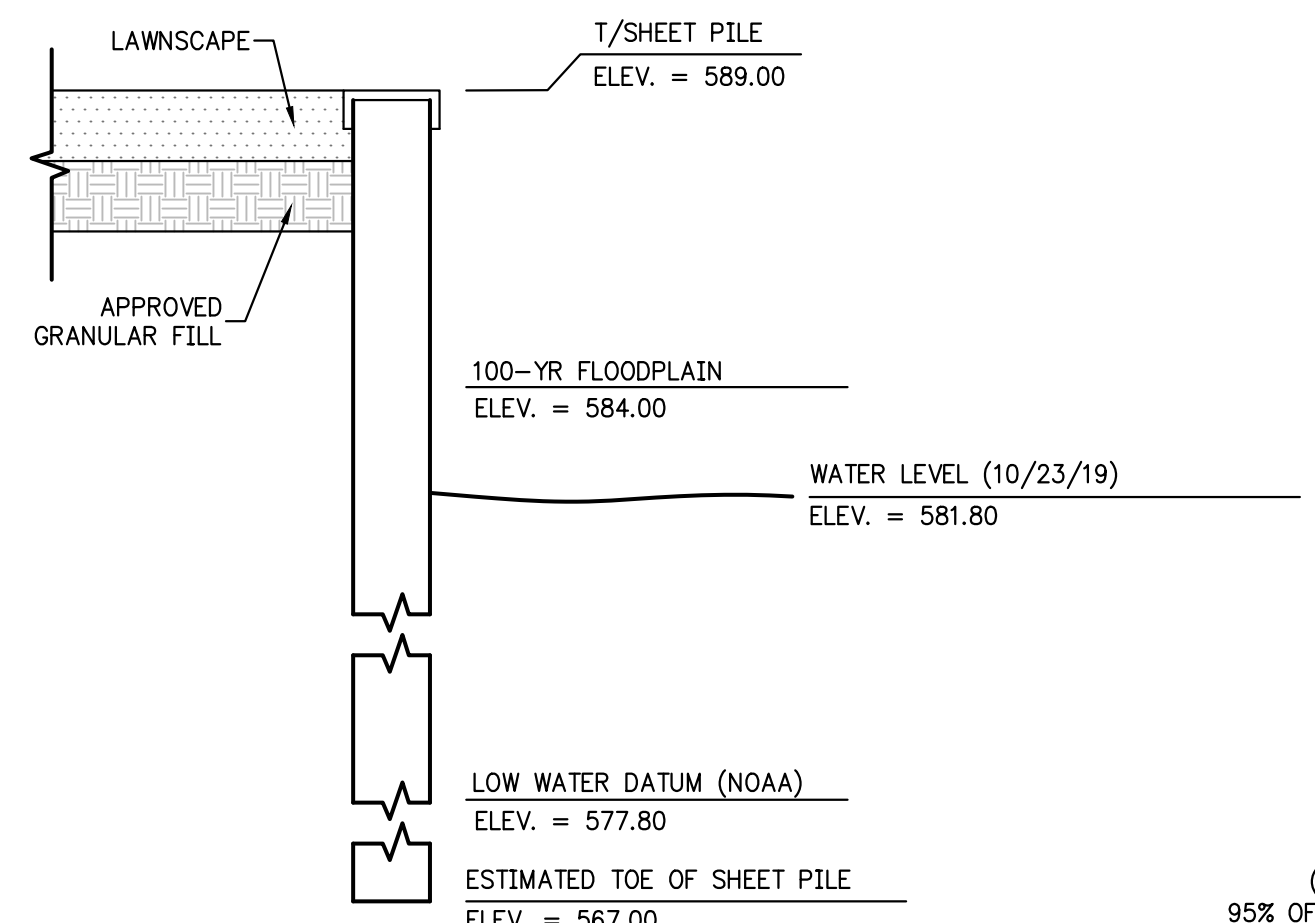
GRAND TRAVERSE COUNTY DPW
PENINSULA TWP. PUMP STATION #1
SHORELINE STABILIZATION: PROPOSED SHEET PILING COVER & NOTES
SECTION 36, TOWN 28 NORTH, RANGE 11 WEST
PENINSULA TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN

DATE: TERRY BOYD, P.E.
BY: S.J.G. DATE: T.C.M.B.
JOB NO. 20029E
SHT 1 OF 2

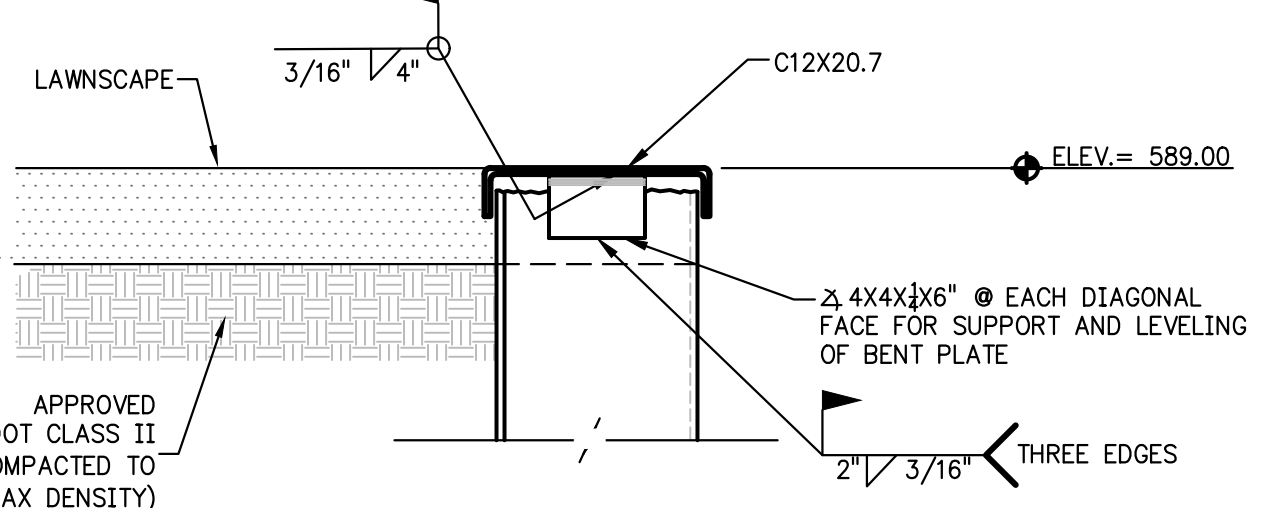
These documents are prepared in accordance with the contractual terms and conditions for this project.



SILT FENCE DETAIL
SCALE: 1"=2'-0"



A **SHEET PILING WALL DETAIL**
SCALE: 1"=1'-0"



A **CAP PLATE WALL DETAIL**
SCALE: 1"=1'-0"

BENCHMARK
BM#1 - SET LAG SCREW IN SOUTH FACE OF UTILITY POLE NORTH OF PROJECT SITE
ELEVATION = 595.50 (NAVD88)

- NOTES:**
1. SITE ADDRESS: 6895 PENINSULA DR
 2. ALL COMPONENTS IN GRAYSCALE ARE EXISTING & TO BE FIELD VERIFIED BEFORE STARTING WORK.
 3. ALL WORK SHALL REMAIN WITHIN CONFINES OF R.O.W. & EASEMENT
 4. RESTORATION TO INCLUDE 3" TOPSOIL, SEED & MULCH (ANCHORED) WITHIN ALL AREAS DISTURBED.

| REV# | DATE | BY | ISSUED FOR CONSTRUCTION | DESC. |
|------|--------|-----|-------------------------|-------|
| 0 | 3-4-20 | SJS | | |

GRAND TRAVERSE COUNTY DPW
PENINSULA TWP. PUMP STATION #1
SHORELINE STABILIZATION: PROPOSED SHEET PILING PLAN
SECTION 36, TOWN 28 NORTH, RANGE 11 WEST
PENINSULA TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN

These documents are prepared in accordance with the contractual terms and conditions for this project.

C:\DESIGN\SUMMARY\APP\PROJECTS\LOCAL\TEMP\PROJECTS\20029E\DWG\20029E-02.DWG (2020/03/04 10:51:11) S:\ADMIN