
Project: W. Ludington Avenue and Stearns Park Improvements Phase 1
Date: August 30, 2018
File No: 60096003
To: All Plan Holders

AD-1 NOTICE

- A. This addendum to the specifications and drawings for the above-captioned project adds to or supersedes all contrary or conflicting information in specifications and drawings which is amended in the following paragraphs. This addendum is to become part of bidding documents as originally issued.
- B. Each trade shall review the entire addendum, including work of other trades, for revisions or clarifications regarding their own work.
- C. This addendum includes Pre-bid Meeting Minutes and Sign-in Sheet, Permits and specification revisions revised and dated August 30, 2018.

AD-2 GENERAL (CHH)

A. MEETING MINUTES AND SIGN-IN SHEET

- 1. See attached Pre-bid Meeting Minutes for comments and issues discussed at the Pre-bid Meeting.

B. PERMITS

- 1. See attached permits, that were distributed to Pre-bid Meeting attendees.
 - a. USACE
 - b. MDEQ
 - c. MDOT

AD-3 SITEWORK (CHH)

A. SPECIFICATION ITEMS

- 1. **Specification 03 3533 Stamped Concrete** (Not Reissued):
 - a. Revise paragraph 2.02.A.2 as follows: 2. Pattern: Brickform Classic Wood, FM-8700-S/O.
 - b. Revise paragraph 2.02.A.3 as follows: 3. Integral Color: Increte Sand Buff.
 - c. Revise paragraph 2.02.A.4.a.1) as follows: 1) Color: Increte Walnut release agent.

Minutes of Pre-bid Meeting

Project: W. Ludington Avenue and Stearns Park Phase 1

Date: August 28, 2018

File No: 60096003

Attendees: See attached attendance list

Copy: Plan Holders

ITEMS DISCUSSED

1. Those present introduced themselves and stated who they represent.
2. The Invitation to Bidders was reviewed.
 - a. Bids due at Ludington City Hall Friday, September 7th at 11:30 am.
 - b. This is a Michigan DNR Recreation Trust Fund project. Prevailing wages are not required.
 - c. Submit bids on form provided.
 - d. Bid security of 5% of the bid proposal is required.
 - e. Voluntary alternates relative to schedule will be considered, if amenable to project cost and quality.
3. Project scope was reviewed.
 - a. The Project consists of site demolition, site grading, fill material, site concrete work, shoreline revetment, bituminous asphalt paving, site lighting, water line, storm sewer, metal railing, site furnishings, landscape and related sitework.
4. Timeline: Substantial completion is ten weeks from preconstruction meeting. The hope is to be able to award the project the week after bids are submitted so that construction can begin as soon as possible.
5. Permits from the USACE, MDEQ and MDOT have already been obtained. Per the permit, work at the waterfront, including removal of existing gabions, installation of a portion of new storm sewer and outlet, some concrete work and the mattress and armor stone must be done first. Copies of the permits were distributed to those in attendance.
6. The Contractor will need to obtain the Soil Erosion and Sedimentation Control permit from the City of Ludington.
7. Future questions should be addressed to Craig Hondorp at Progressive AE at 616.361.2664 or 616.447.3379.
8. Questions discussed during meeting:
 - a. Completion of the project this fall was discussed, with the possible onset of more inclement weather in late October and November. Bidders can provide a voluntary

alternate schedule and pricing if they feel it is more advantageous for the overall project quality and cost.

- b. It is understood that long lead items, such as site lighting and site furnishings may extend beyond the ten-week substantial completion period. The City is agreeable to having these long lead items installed in the spring, as long as light pole bases and conduit are laid ahead of time. The concern is not to leave an exposed site over the course of the winter.
- c. Weed barrier fabric can be eliminated from the landscape beds.
- d. Color for colored concrete planking was questioned. Progressive AE will provide additional information on integral color and release agent color in an addendum. It is desired for the planking to appear as longer (+/-8-inch) boards. Plank pattern will also be reviewed for the addendum.
- e. Separate pricing for winter conditions should be identified on a supplement to the Bid Form.
- f. The City will take care of the installation of Michigan DNR Trust Fund plaque and donor recognition plaques on the segmental block wall.
- g. Liquidated damages were discussed in relation to the onset of inclement weather. The City has a history of being reasonable with regard to inclement weather impacting completion of work and will work with the Contractor if that arises on this project.

The above constitutes my understanding of items discussed and/or decisions reached. If there are any additions and/or corrections, please contact me within 7 days.

Craig H. Hondorp, PLA



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
DETROIT DISTRICT, CORPS OF ENGINEERS
GRAND HAVEN FIELD OFFICE
P.O. BOX 629
GRAND HAVEN, MICHIGAN 49417-0629

August 6, 2018

Engineering & Technical Services
Regulatory Office
File Number LRE-2008-00157-56-N18

John Shay
City of Ludington
400 South Harrison
Ludington, Michigan 49431

Dear Mr. Shay:

Please refer to your application for a Department of the Army (DA) permit to discharge riprap in Lake Michigan at 900 West Ludington Avenue, Ludington, Michigan. We have verified that the project is authorized by Nationwide Permits NWP 12 Utility Line Activities and NWP 13 Bank Stabilization as published in the Federal Register.

You may proceed with the work per the following project description, attached drawings, and attached general and special conditions:

Discharge approximately 32 cubic yards of riprap along 49' of frontage in three separate areas, 3' thick and 6' wide. Discharge approximately 2.1 cubic yards of riprap for the splash apron for the new outfall discharge pipe 12' by 6' and 1.25' thick.

Special Condition:

If you discover any unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately stop work in that area and notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

Any construction activity other than that shown on the plans may not qualify for the authorization. If you contemplate any changes or additional activities from those depicted on the plans, please submit them to this office for authorization review prior to any construction. On completion of the work, you must fill in and return the enclosed COMPLETION REPORT.

This verification is invalid until you obtain an appropriate state permit/certification or waiver thereof. You must not initiate activities authorized under the NWP until all required State authorizations have been received. If local approvals are required, we recommend you contact the appropriate local government body directly.

We are obligated to provide recipients of permit verifications with a jurisdictional determination (JD) when requested to do so. The Corps of Engineers has the following options with respect to JDs: (1) Approved Jurisdictional Determinations (AJD), which are considered "official" JDs and can be administratively appealed; (2) Preliminary Jurisdictional Determinations (PJD), which are non-binding JDs and advise an affected party that the Corps of Engineers believes there may be waters of the United States on the property that fall under the Corps' regulatory authority and enables the Corps and a permit applicant or other affected party to resolve certain jurisdiction and permit issues without expending time on making an official determination of the Corps' jurisdiction; and (3) No Jurisdiction Determination (NJD), which is used in situations where issuance of a JD is deemed unnecessary by a permit applicant or other affected party because Corps' jurisdiction is undisputed (e.g., work is in a navigable water of the United States) or not subject to question. The NJD option requires less documentation than a PJD and likewise enables the Corps and a permit applicant or other affected party to resolve jurisdiction and permit issues without expending time on an official determination of the Corps' jurisdiction.

Per the information in your application and information gained during our inspection of the project site, we have determined that the work described in this permit verification will occur in a navigable water of the United States subject to the Detroit District, U.S. Army Corps of Engineers' regulatory authority under Section 10 of the Rivers and Harbors Act. Per Clean Water Act (CWA) regulations, waters under Section 10 jurisdiction also fall under the Corps' jurisdiction under Section 404 of the CWA. Our listing of navigable waters under the Corps' regulatory authority within the Detroit District's geographic area can be found at: <http://www.lre.usace.army.mil/Missions/Regulatory-Program-and-Permits>. As the work in this case is occurring in a navigable water of the U.S., we do not intend to provide a JD with this permit verification. Our intent to not issue a JD in this instance does not preclude an applicant or other affected party from requesting a PJD or an AJD at any time. As noted above, an AJD would provide an official determination of jurisdictional waters on a site and can be administratively appealed.

This verification is valid until the NWP is modified, reissued, or revoked. All of the existing NWPs are scheduled to be modified, reissued, or revoked prior to March 18, 2022. It is incumbent upon you to remain informed of changes to the NWPs. We will issue a public notice when the NWPs are reissued. Furthermore, if you commence or are under contract to commence this activity before the date that the relevant nationwide permit is modified or revoked, you will have twelve (12) months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this nationwide permit.

As per 33 CFR 325, Appendix A, representatives from this office are allowed to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of the Nationwide Permit.

Should you have any questions, please contact me at the above address, by E-Mail at Jeffry.J.Fritsma@usace.army.mil, or by telephone at (616) 842-5510 X 25525. In all communications, please refer to File Number LRE-2008-00157-56-N18.

We are interested in your thoughts and opinions concerning your experience with the Detroit District, Corps of Engineers Regulatory Program. If you are interested in letting us know how we are doing, you can complete an electronic Customer Service Survey from our web site at: http://corpsmapu.usace.army.mil/cm_apex/f?p=136:4:0. Alternatively, you may contact us and request a paper copy of the survey that you may complete and return to us by mail or fax. Thank you for taking the time to complete the survey, we appreciate your feedback.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeffrey J. Fritsma". The signature is stylized with a large initial "J" and a long horizontal stroke at the end.

Jeffrey J. Fritsma
Project Manager
Grand Haven Field Office

Enclosures

Copy Furnished

Progressive AE, Craig Hondorp
MDEQ, Cadillac District Office
Tara.Wallace@noaa.gov

A. Nationwide Permit General Conditions:

To qualify for NWP authorization, the permittee must comply with the following general conditions, as appropriate. These conditions are selected from those published in the Federal Register that are particularly relevant to the construction and/or operation of this particular authorized activity. The complete text is available at our website <http://www.lre.usace.army.mil/Missions/RegulatoryProgramandPermits.aspx> under "Detroit Regulatory Quick" select "Detroit District General Permit Types" and then choose "Nationwide Permits with Michigan Regional Conditions" OR "Nationwide Permits with Indiana Regional Conditions"; or, you may contact the Detroit District directly for the information. We have done our best to verify that your project complies with the others, where applicable.

1. Navigation. (b) Any safety lights and signals prescribed by the U.S. Coast Guard, through regulations or otherwise, must be installed and maintained at the permittee's expense on authorized facilities in navigable waters of the United States.

(c) The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

6. Suitable Material. No activity may use unsuitable material (e.g., trash, debris, car bodies, asphalt, etc.). Material used for construction or discharged must be free from toxic pollutants in toxic amounts (see section 307 of the Clean Water Act).

9. Management of Water Flows. To the maximum extent practicable, the pre-construction course, condition, capacity, and location of open waters must be maintained for each activity, including stream channelization, storm water management activities, and temporary and permanent road crossings, except as provided below. The activity must be constructed to withstand expected high flows. The activity must not restrict or impede the passage of normal or high flows, unless the primary purpose of the activity is to impound water or manage high flows. The activity may alter the pre-construction course, condition, capacity, and location of open waters if it benefits the

aquatic environment (e.g., stream restoration or relocation activities).

11. Equipment. Heavy equipment working in wetlands or mudflats must be placed on mats, or other measures must be taken to minimize soil disturbance.

12. Soil Erosion and Sediment Controls. Appropriate soil erosion and sediment controls must be used and maintained in effective operating condition during construction, and all exposed soil and other fills, as well as any work below the ordinary high water mark or high tide line, must be permanently stabilized at the earliest practicable date. Permittees are encouraged to perform work within waters of the United States during periods of low-flow or no-flow, or during low tides.

13. Removal of Temporary Fills. Temporary fills must be removed in their entirety and the affected areas returned to pre-construction elevations. The affected areas must be revegetated, as appropriate.

14. Proper Maintenance. Any authorized structure or fill shall be properly maintained, including maintenance to ensure public safety and compliance with applicable NWP general conditions, as well as any activity-specific conditions added by the district engineer to an NWP authorization.

17. Tribal Rights. No NWP activity may cause more than minimal adverse effects on tribal rights (including treaty rights), protected tribal resources, or tribal lands.

18. Endangered Species. (a) No activity is authorized under any NWP which is likely to directly or indirectly jeopardize the continued existence of a threatened or endangered species or a species proposed for such designation, as identified under the Federal Endangered Species Act (ESA), or which will directly or indirectly destroy or adversely modify the critical habitat of such species. No activity is authorized under any NWP which "may affect" a listed species or critical habitat, unless ESA section 7 consultation addressing the effects of the proposed activity has been completed. Direct effects are the immediate effects on listed species and critical habitat caused by the NWP activity. Indirect effects are those effects on listed species and critical habitat that are caused by the NWP activity and are later in time, but still are reasonably certain to occur.

(e) Authorization of an activity by an NWP does not authorize the "take" of a threatened or endangered species as defined under the ESA. In the absence of separate authorization (e.g., an ESA Section 10 Permit, a Biological Opinion with "incidental take"

provisions, etc.) from the FWS or the NMFS, the Endangered Species Act prohibits any person subject to the jurisdiction of the United States to take a listed species, where "take" means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct. The word "harm" in the definition of "take" means an act which actually kills or injures wildlife. Such an act may include significant habitat modification or degradation where it actually kills or injures wildlife by significantly impairing essential behavioral patterns, including breeding, feeding or sheltering.

19. Migratory Birds and Bald and Golden Eagles. The permittee is responsible for ensuring their action complies with the Migratory Bird Treaty Act and the Bald and Golden Eagle Protection Act. The permittee is responsible for contacting appropriate local office of the U.S. Fish and Wildlife Service to determine applicable measures to reduce impacts to migratory birds or eagles, including whether "incidental take" permits are necessary and available under the Migratory Bird Treaty Act or Bald and Golden Eagle Protection Act for a particular activity.

20. Historic Properties. (e) Prospective permittees should be aware that section 110k of the NHPA (54 U.S.C. 306113) prevents the Corps from granting a permit or other assistance to an applicant who, with intent to avoid the requirements of section 106 of the NHPA, has intentionally significantly adversely affected a historic property to which the permit would relate, or having legal power to prevent it, allowed such significant adverse effect to occur, unless the Corps, after consultation with the Advisory Council on Historic Preservation (ACHP), determines that circumstances justify granting such assistance despite the adverse effect created or permitted by the applicant. If circumstances justify granting the assistance, the Corps is required to notify the ACHP and provide documentation specifying the circumstances, the degree of damage to the integrity of any historic properties affected, and proposed mitigation. This documentation must include any views obtained from the applicant, SHPO/ THPO, appropriate Indian tribes if the undertaking occurs on or affects historic properties on tribal lands or affects properties of interest to those tribes, and other parties known to have a legitimate interest in the impacts to the permitted activity on historic properties.

21. Discovery of Previously Unknown Remains and Artifacts. If you discover any previously unknown historic, cultural or archeological remains and artifacts while accomplishing the activity authorized by this permit, you must immediately notify the district engineer of what you have found, and to the maximum extent practicable, avoid construction activities that may affect the remains and artifacts

until the required coordination has been completed. The district engineer will initiate the Federal, Tribal, and state coordination required to determine if the items or remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

29. Transfer of Nationwide Permit Verifications. If the permittee sells the property associated with a nationwide permit verification, the permittee may transfer the nationwide permit verification to the new owner by submitting a letter to the appropriate Corps district office to validate the transfer. A copy of the nationwide permit verification must be attached to the letter, and the letter must contain the following statement and signature:

When the structures or work authorized by this nationwide permit are still in existence at the time the property is transferred, the terms and conditions of this nationwide permit, including any special conditions, will continue to be binding on the new owner(s) of the property. To validate the transfer of this nationwide permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

(Transferee) (Date)

30. Compliance Certification. Each permittee who receives an NWP verification letter from the Corps must provide a signed certification documenting completion of the authorized activity and implementation of any required compensatory mitigation. The success of any required permittee-responsible mitigation, including the achievement of ecological performance standards, will be addressed separately by the district engineer. The Corps will provide the permittee the certification document with the NWP verification letter. The certification document will include:

- (a) A statement that the authorized activity was done in accordance with the NWP authorization, including any general, regional, or activity-specific conditions;
- (b) A statement that the implementation of any required compensatory mitigation was completed in accordance with the permit conditions. If credits from a mitigation bank or in-lieu fee program are used to satisfy the compensatory mitigation requirements, the certification must include the documentation required by 33 CFR 332.3(l)(3) to confirm that the permittee secured the appropriate number and resource type of credits; and
- (c) The signature of the permittee certifying the completion of the activity and mitigation. The

completed certification document must be submitted to the district engineer within 30 days of completion of the authorized activity or the implementation of any required compensatory mitigation, whichever occurs later.

B. Further Information

1. District Engineers have authority to determine if an activity complies with the terms and conditions of an NWP.
2. NWPs do not obviate the need to obtain other federal, state, or local permits, approvals, or authorizations required by law.
3. NWPs do not grant any property rights or exclusive privileges.
4. NWPs do not authorize any injury to the property or rights of others.
5. NWPs do not authorize interference with any existing or proposed Federal project.

NATIONWIDE PERMIT COMPLETION REPORT

CELRE-ERW

Chief, Compliance and Enforcement Branch
Regulatory Office
U.S. Army Corps of Engineers
477 Michigan Avenue
Room 603
Detroit, MI 48226-2550

Dear Sir:

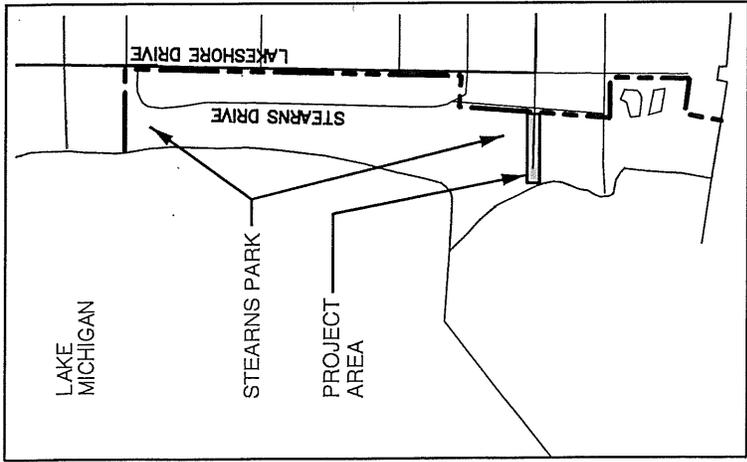
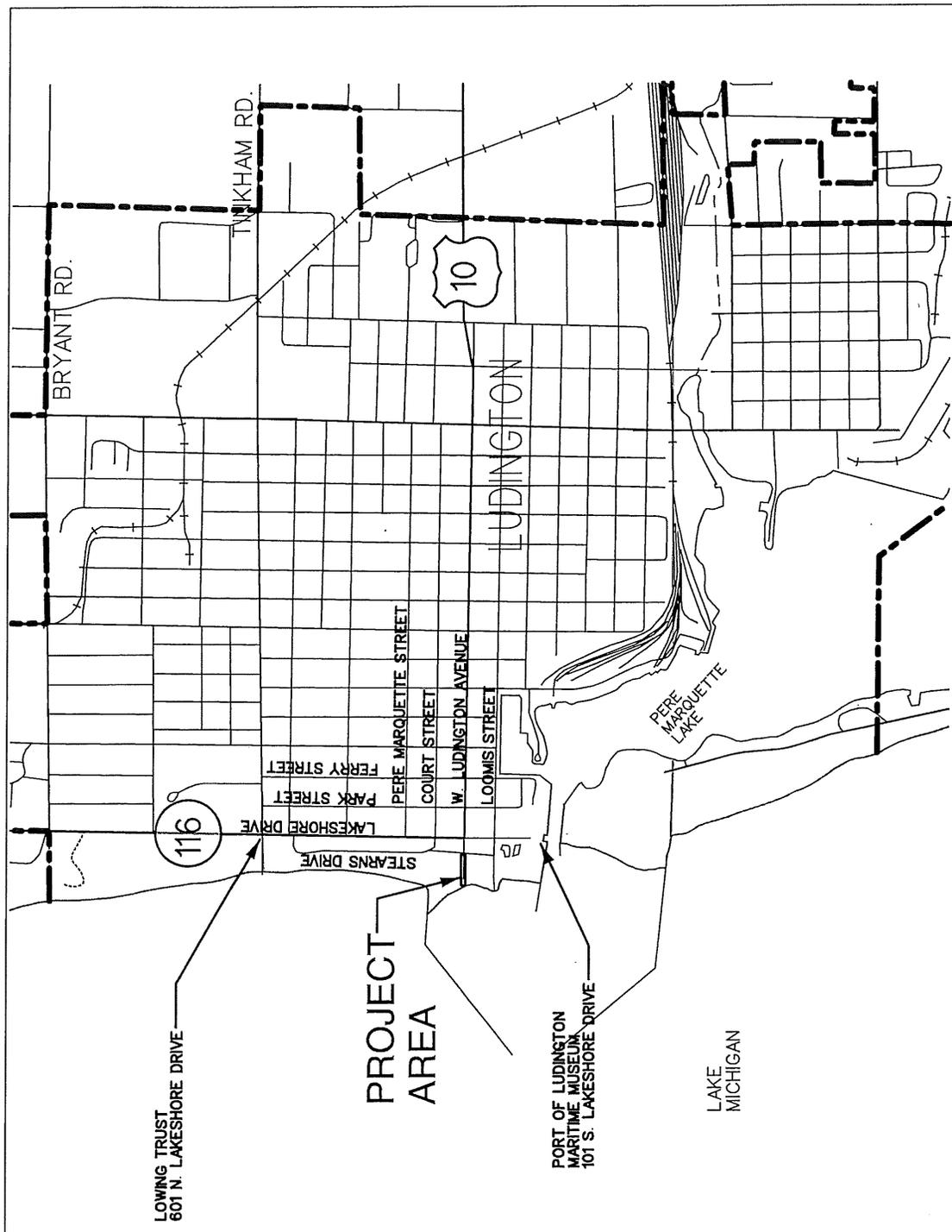
You are hereby notified that work verified as qualifying for Nationwide Permit under File No. LRE-2008-00157-56-N18 to discharge riprap at 900 West Ludington Avenue, Ludington, Mason County, Michigan, issued to the City of Ludington, John Shay was completed in accordance with the verification on:

(Date work completed)

(Permittee's Signature)

IMPORTANT

1. This COMPLETION REPORT MUST BE MAILED to the above addressee within 10 days after completion of work covered by the NATIONWIDE PERMIT to insure an accurate Government record of data affecting navigation.
2. Where dredging soundings are made of projects which include dredging, a copy of the soundings should accompany this report. If the soundings are measured from the water surface and have not been corrected to International Great Lakes Datum plane, the hour and date soundings was made should be noted on sounding reports.

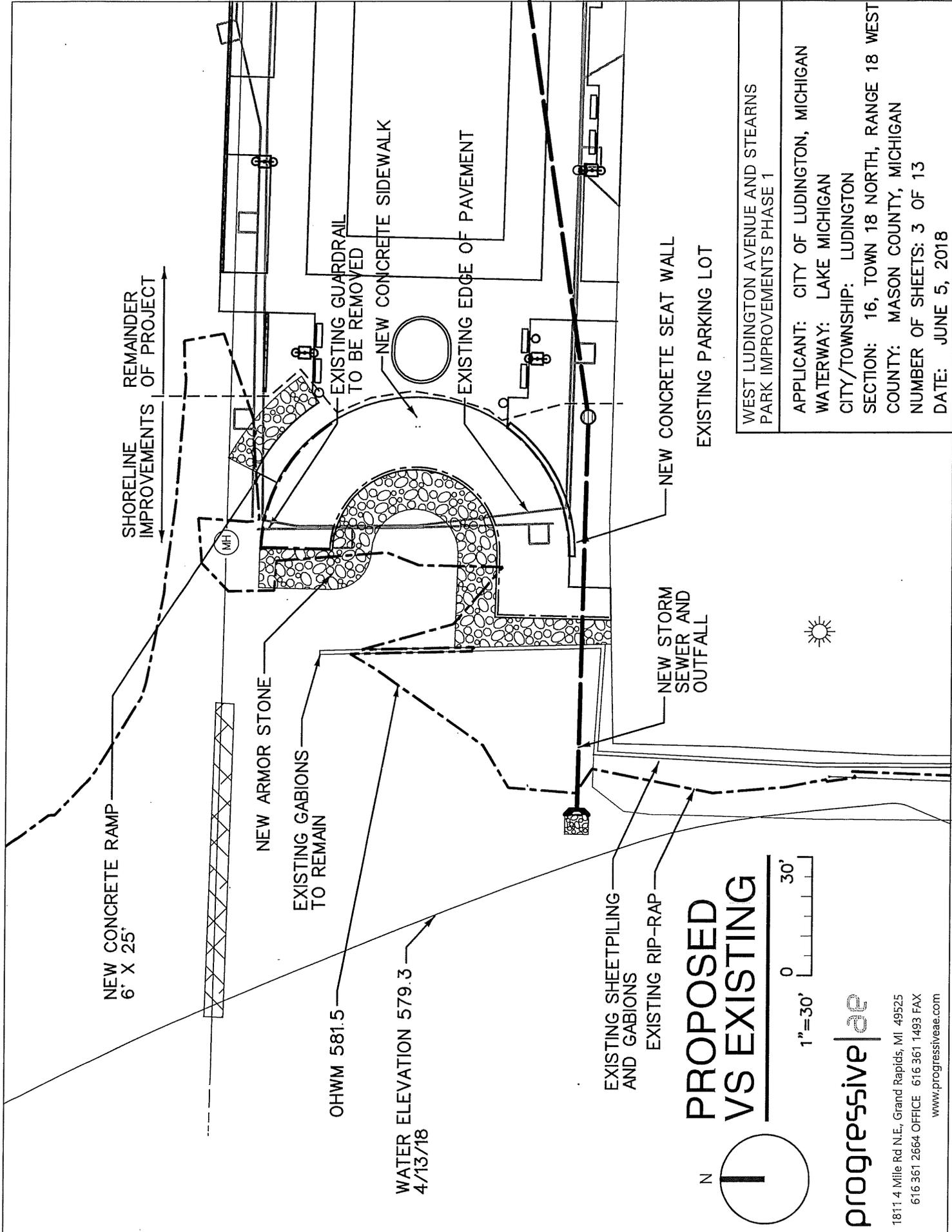


N
VICINITY MAP
 NO SCALE

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WEST LUDINGTON AVENUE AND STEARNS PARK IMPROVEMENTS PHASE 1

APPLICANT: CITY OF LUDINGTON, MICHIGAN
 WATERWAY: LAKE MICHIGAN
 CITY/TOWNSHIP: LUDINGTON
 SECTION: 16, TOWN 18 NORTH, RANGE 18 WEST
 COUNTY: MASON COUNTY, MICHIGAN
 NUMBER OF SHEETS: 1 OF 13
 DATE: JUNE 5, 2018



NEW CONCRETE RAMP
6' X 25'

SHORELINE REMAINDER
OF PROJECT
IMPROVEMENTS

NEW ARMOR STONE

EXISTING GABIONS
TO REMAIN

OHWM 581.5

WATER ELEVATION 579.3
4/13/18

EXISTING GUARDRAIL
TO BE REMOVED

NEW CONCRETE SIDEWALK

EXISTING EDGE OF PAVEMENT

EXISTING SHEETPIILING
AND GABIONS

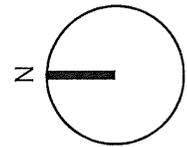
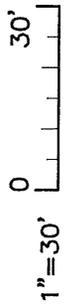
EXISTING RIP-RAP

NEW STORM
SEWER AND
OUTFALL

NEW CONCRETE SEAT WALL

EXISTING PARKING LOT

PROPOSED
VS EXISTING



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WEST LUDINGTON AVENUE AND STEARNS
PARK IMPROVEMENTS PHASE 1

APPLICANT: CITY OF LUDINGTON, MICHIGAN

WATERWAY: LAKE MICHIGAN

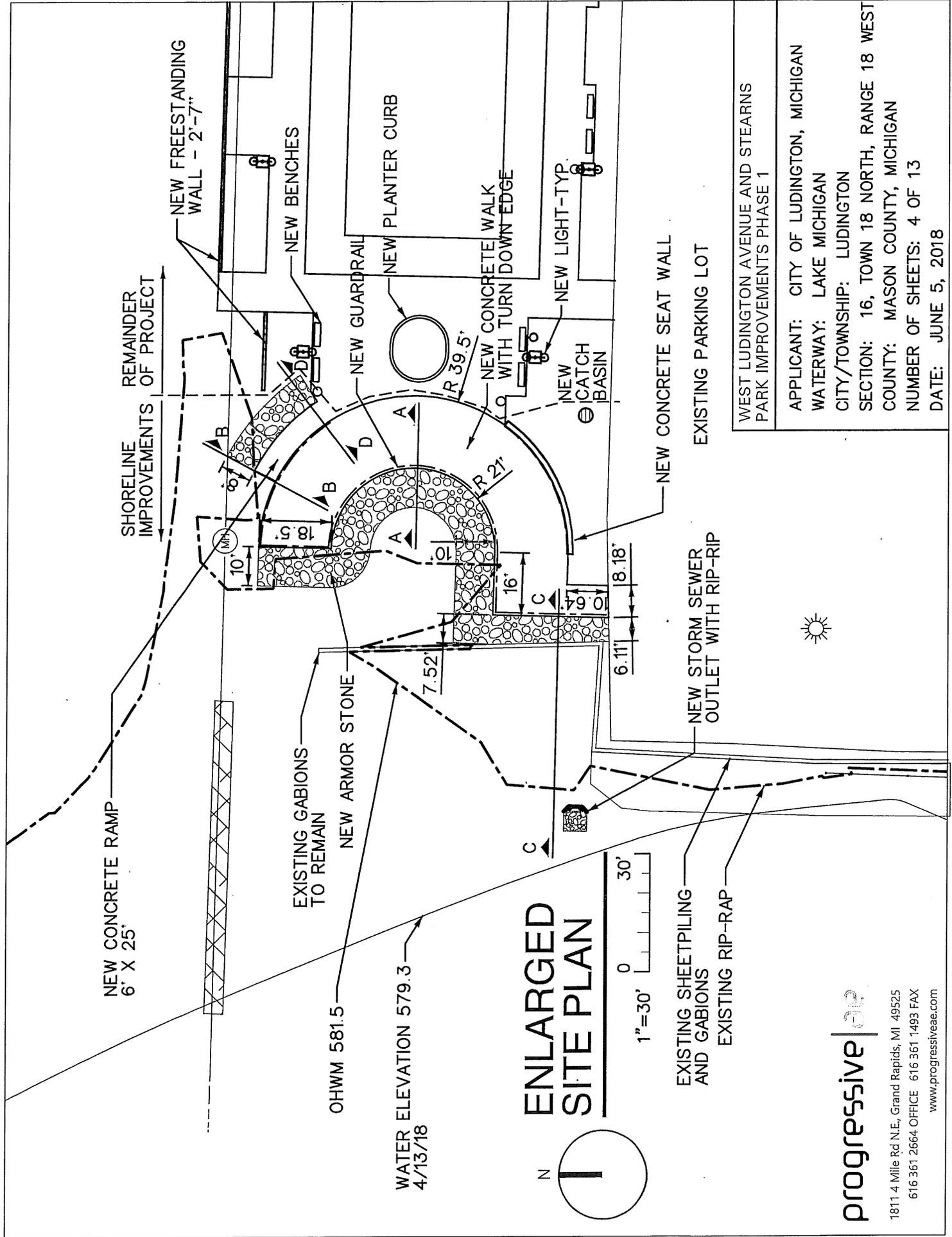
CITY/TOWNSHIP: LUDINGTON

SECTION: 16, TOWN 18 NORTH, RANGE 18 WEST

COUNTY: MASON COUNTY, MICHIGAN

NUMBER OF SHEETS: 3 OF 13

DATE: JUNE 5, 2018



WEST LUDINGTON AVENUE AND STEARNS PARK IMPROVEMENTS PHASE 1

APPLICANT: CITY OF LUDINGTON, MICHIGAN
 WATERWAY: LAKE MICHIGAN
 CITY/TOWNSHIP: LUDINGTON
 SECTION: 16, TOWN 18 NORTH, RANGE 18 WEST
 COUNTY: MASON COUNTY, MICHIGAN
 NUMBER OF SHEETS: 4 OF 13
 DATE: JUNE 5, 2018

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NEW CONCRETE RAMP
6' X 25'

SHORELINE IMPROVEMENTS
REMAINDER OF PROJECT

NEW FREESTANDING WALL - 2'-7"

NEW BENCHES

NEW PLANTER CURB

NEW GUARDRAIL

NEW CONCRETE WALK WITH TURN/DOWN EDGE

NEW LIGHT-TYP.

NEW CONCRETE SEAT WALL

EXISTING PARKING LOT

WEST LUDINGTON AVENUE AND STEARNS
PARK IMPROVEMENTS PHASE 1

APPLICANT: CITY OF LUDINGTON, MICHIGAN

WATERWAY: LAKE MICHIGAN

CITY/TOWNSHIP: LUDINGTON

SECTION: 16, TOWN 18 NORTH, RANGE 18 WEST

COUNTY: MASON COUNTY, MICHIGAN

NUMBER OF SHEETS: 4 OF 13

DATE: JUNE 5, 2018

11.51'

10'

24.42'

NEW ARMOR STONE

EXISTING GABIONS TO REMAIN

OHWM 581.5

WATER ELEVATION 579.3
4/13/18

R 39.5'

R 21'

14.78'

7.52'

16'

6.11'

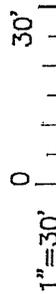
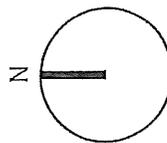
8.18'

NEW STORM SEWER OUTLET WITH RIP-RIP

EXISTING SHEETPIILING AND GABIONS

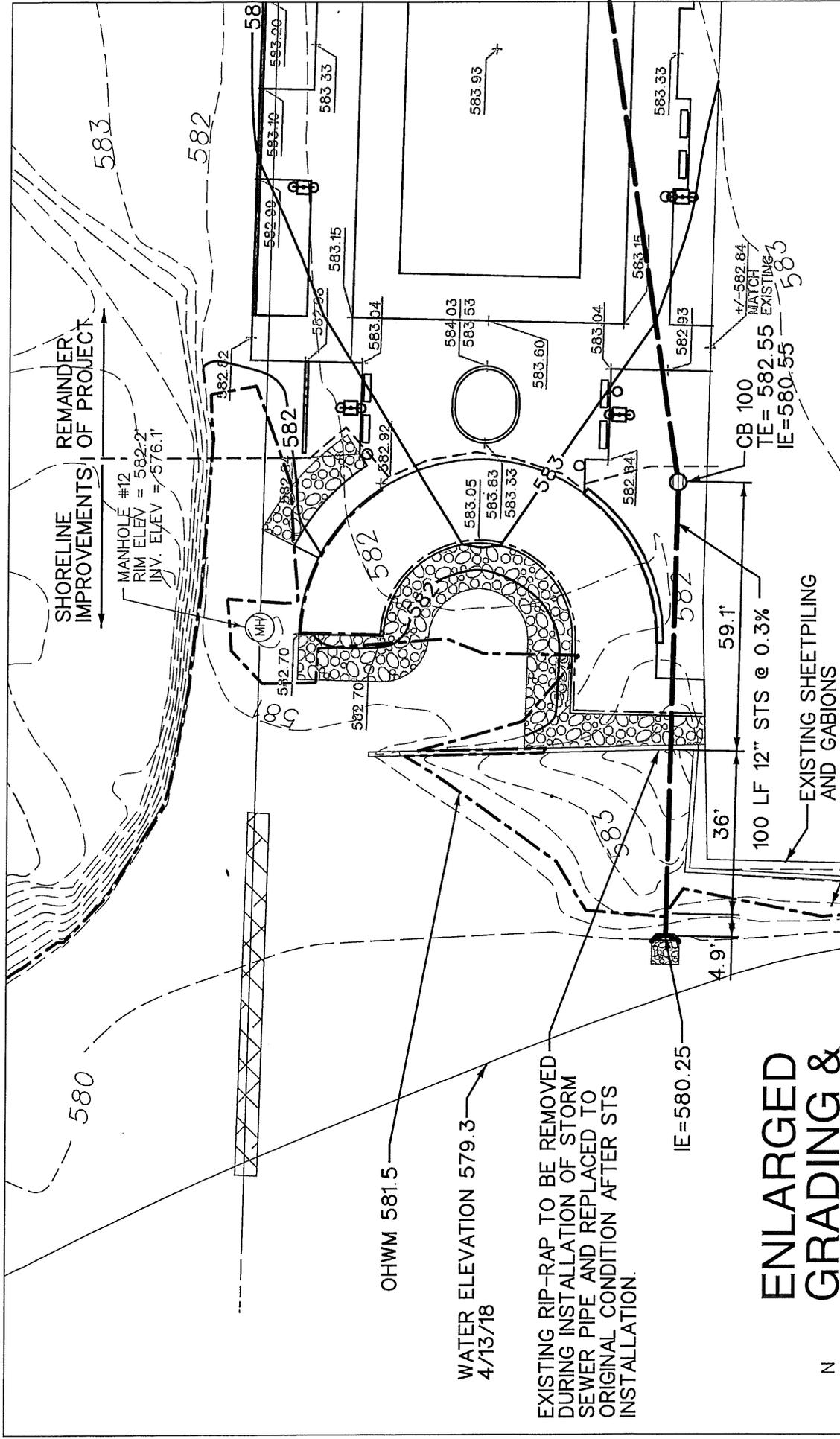
EXISTING RIP-RAP

ENLARGED SITE PLAN



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WEST LUDINGTON AVENUE AND STEARNS PARK IMPROVEMENTS PHASE 1

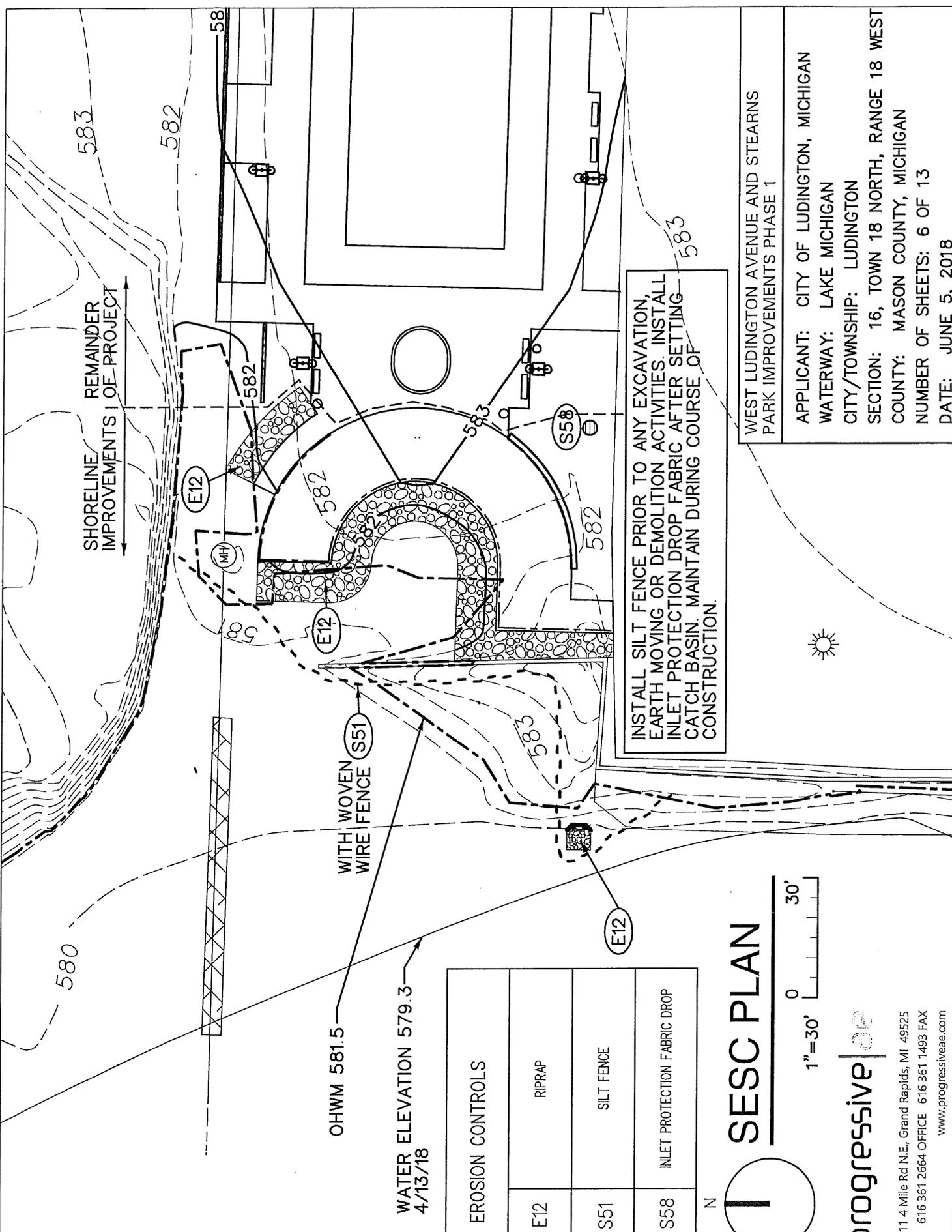
APPLICANT: CITY OF LUDINGTON, MICHIGAN
WATERWAY: LAKE MICHIGAN
CITY/TOWNSHIP: LUDINGTON
SECTION: 16, TOWN 18 NORTH, RANGE 18 WEST
COUNTY: MASON COUNTY, MICHIGAN
NUMBER OF SHEETS: 5 OF 13
DATE: JUNE 5, 2018

ENLARGED GRADING & STORM PLAN



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SHORELINE REMAINDER IMPROVEMENTS | OF PROJECT

INSTALL SILT FENCE PRIOR TO ANY EXCAVATION, EARTH MOVING OR DEMOLITION ACTIVITIES. INSTALL INLET PROTECTION DROP FABRIC AFTER SETTING CATCH BASIN. MAINTAIN DURING COURSE OF CONSTRUCTION.

WITH WOVEN WIRE FENCE (S51)

OHWM 581.5

WATER ELEVATION 579.3
4/13/18

EROSION CONTROLS	
E12	RIPRAP
S51	SILT FENCE
S58	INLET PROTECTION FABRIC DROP

SESC PLAN

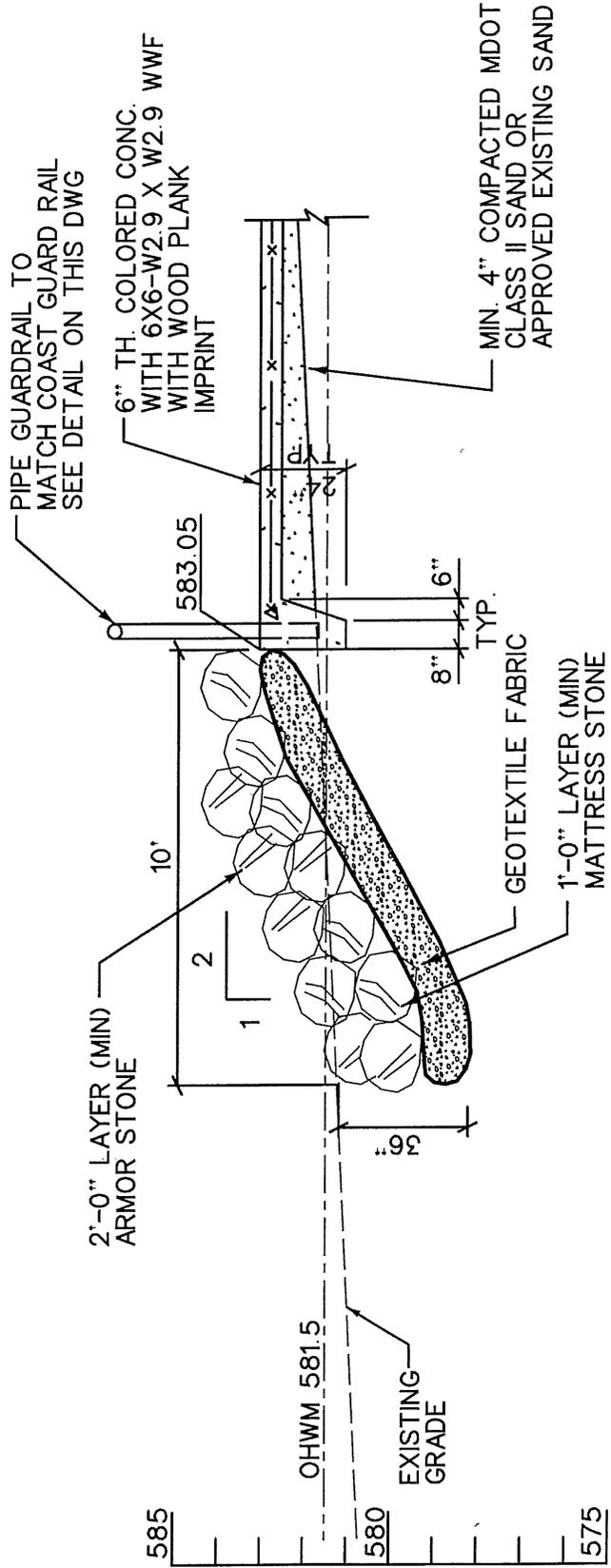


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WEST LUDINGTON AVENUE AND STEARNS PARK IMPROVEMENTS PHASE 1

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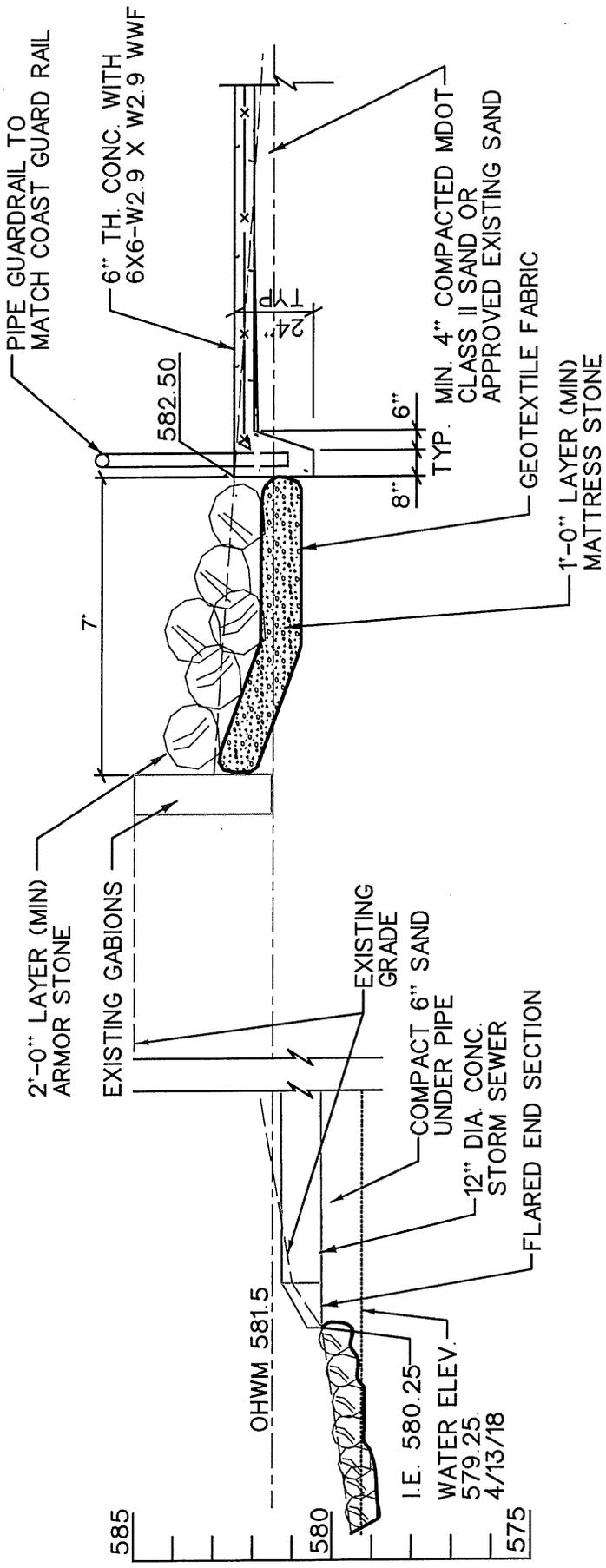
PRIMARY OVERLOOK SECTION A-A



WEST LUDINGTON AVENUE AND STEARNS PARK IMPROVEMENTS PHASE 1
APPLICANT: CITY OF LUDINGTON, MICHIGAN WATERWAY: LAKE MICHIGAN CITY/TOWNSHIP: LUDINGTON SECTION: 16, TOWN 18 NORTH, RANGE 18 WEST COUNTY: MASON COUNTY, MICHIGAN NUMBER OF SHEETS: 7 OF 13 DATE: JUNE 5, 2018

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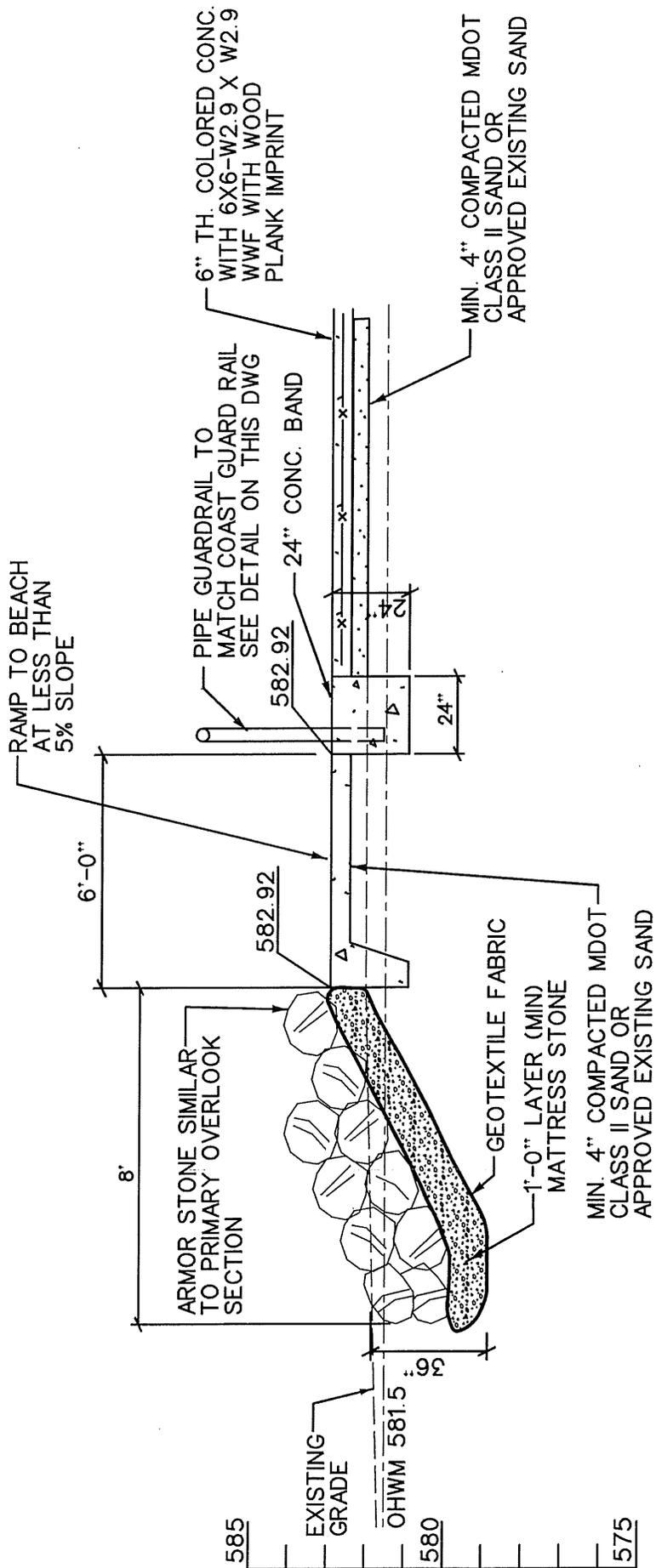


OVERLOOK SECTION AT STORM PIPE C-C

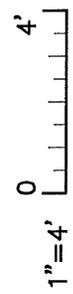


WEST LUDINGTON AVENUE AND STEARNS PARK IMPROVEMENTS PHASE 1
APPLICANT: CITY OF LUDINGTON, MICHIGAN WATERWAY: LAKE MICHIGAN CITY/TOWNSHIP: LUDINGTON SECTION: 16, TOWN 18 NORTH, RANGE 18 WEST COUNTY: MASON COUNTY, MICHIGAN NUMBER OF SHEETS: 9 OF 13 DATE: JUNE 5, 2018


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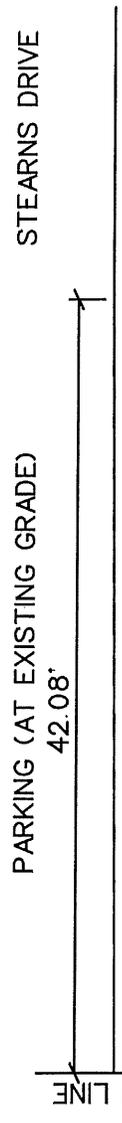
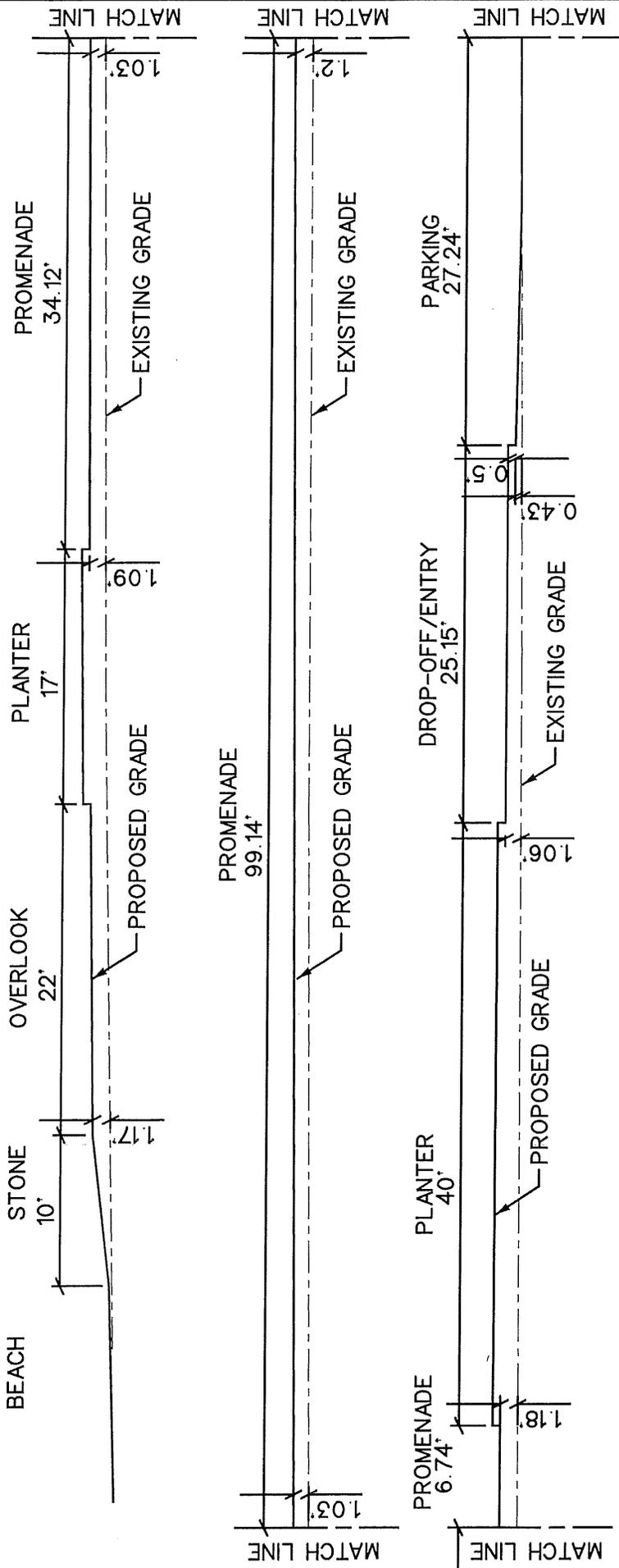
SECTION AT TOP OF OVERLOOK RAMP D-D



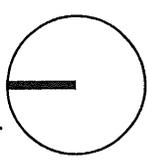
WEST LUDINGTON AVENUE AND STEARNS PARK IMPROVEMENTS PHASE 1
APPLICANT: CITY OF LUDINGTON, MICHIGAN
WATERWAY: LAKE MICHIGAN
CITY/TOWNSHIP: LUDINGTON
SECTION: 16, TOWN 18 NORTH, RANGE 18 WEST
COUNTY: MASON COUNTY, MICHIGAN
NUMBER OF SHEETS: 10 OF 13
DATE: JUNE 5, 2018

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PROMENADE SECTION E-E

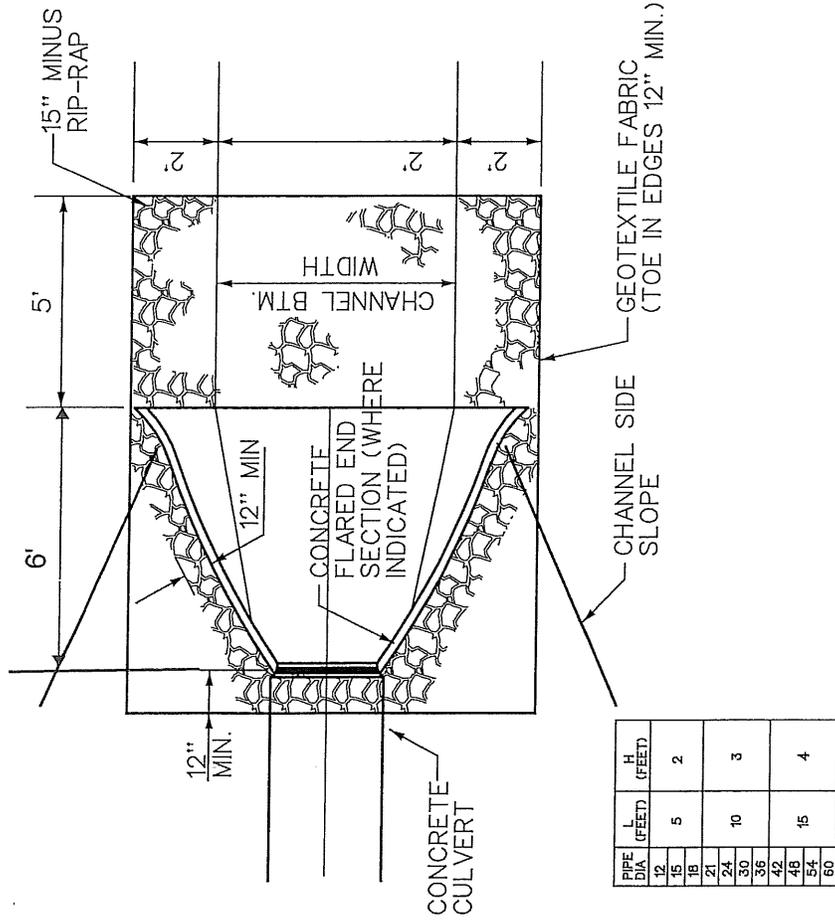


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WEST LUDINGTON AVENUE AND STEARNS
 PARK IMPROVEMENTS PHASE 1

APPLICANT: CITY OF LUDINGTON, MICHIGAN
 WATERWAY: LAKE MICHIGAN
 CITY/TOWNSHIP: LUDINGTON
 SECTION: 16, TOWN 18 NORTH, RANGE 18 WEST
 COUNTY: MASON COUNTY, MICHIGAN
 NUMBER OF SHEETS: 11 OF 13
 DATE: JUNE 5, 2018



PIPE DIA (FEET)	L (FEET)	H (FEET)
12	5	2
15	10	3
18	15	4
21	20	5
24	25	6
30	30	7
36	35	8
42	40	9
48	45	10
54	50	11
60	55	12



RIP-RAP OUTLET DETAIL
NO SCALE

WEST LUDINGTON AVENUE AND STEARNS
PARK IMPROVEMENTS PHASE 1

APPLICANT: CITY OF LUDINGTON, MICHIGAN
WATERWAY: LAKE MICHIGAN
CITY/TOWNSHIP: LUDINGTON
SECTION: 16, TOWN 18 NORTH, RANGE 18 WEST
COUNTY: MASON COUNTY, MICHIGAN
NUMBER OF SHEETS: 12 OF 13
DATE: JUNE 5, 2018

CONSTRUCTION SEQUENCE OF SHORELINE IMPROVEMENTS

- SHORELINE IMPROVEMENTS, INCLUDING STORM SEWER, ARMOR STONE, WESTERNMOST SIDEWALK AND SEAT WALL SHALL BE INSTALLED PRIOR TO REMOVALS FOR REMAINDER OF PROJECT TO STEARNS DRIVE.
- INSTALL SILT FENCE PRIOR TO ANY EXCAVATION, EARTHMOVING OR DEMOLITION ACTIVITIES. NO EXCAVATED MATERIALS SHALL BE DISPOSED OF IN LAKE AND SHALL BE USED OR STOCKPILED LANDWARD OF THE ORDINARY HIGH WATER MARK.
- EXCAVATE AND INSTALL STORM SEWER FROM OUTLET TO CATCH BASIN #100, REMOVING EXISTING GABIONS AS NEEDED. REINSTALL GABIONS, REESTABLISH GRADE AND PLACE RIP-RAP AT OUTLET. PLUG EAST CATCH BASIN INVERT UNTIL REMAINDER OF STORM SEWER IS INSTALLED. PLACE INLET DROP PROTECTION IN NEW CATCH BASIN.
- REMOVE EXISTING GUARDRAIL AND PAVEMENT AS NEEDED TO INSTALL WESTERNMOST SIDEWALK AND SEAT WALL. INSTALL SEAT WALL AND CONCRETE PAVEMENT.
- EXCAVATE AND INSTALL GEOTEXTILE FABRIC, MATTRESS STONE AND ARMOR STONE.

EXCAVATION AND FILL BELOW OHWM

OVERLOOK - 132 L.F.

EXCAVATION - 99 CY
 ARMOR STONE + 40 CY
 MATTRESS STONE + 44 CY
 CONCRETE WALK OR RAMP + 7 CY
 SAND + 3 CY
 STORM PIPE + 3 CY
 OUTLET RIPRAP + 1 CY

TOTAL FILL BELOW OHWM 99 CY

DREDGED SAND FROM EXCAVATION TO BE USED AS FILL IN CONSTRUCTING WALKWAY.

WEST LUDINGTON AVENUE AND STEARNS PARK IMPROVEMENTS PHASE 1
APPLICANT: CITY OF LUDINGTON, MICHIGAN WATERWAY: LAKE MICHIGAN CITY/TOWNSHIP: LUDINGTON SECTION: 16, TOWN 18 NORTH, RANGE 18 WEST COUNTY: MASON COUNTY, MICHIGAN NUMBER OF SHEETS: 13 OF 13 DATE: JUNE 5, 2018

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Notice of Authorization

Permit Number WRP012521 v.1

Issued: 07/19/18

Expiration Date: 07/19/23

The Department of Environmental Quality, Water Resources Division, Cadillac District Office, 120 West Chapin Street, Cadillac, Michigan 49601, under provisions of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and specifically:

- Part 31, Floodplain Regulatory Authority of the Water Resources Protection.
- Part 301, Inland Lakes and Streams.
- Part 303, Wetlands Protection.
- Part 315, Dam Safety.
- Part 323, Shorelands Protection and Management.
- Part 325, Great Lakes Submerged Lands.
- Part 353, Sand Dunes Protection and Management.

Authorized activity:

As part of the Stearns Park renovations at the west end of Ludington Avenue: remove the existing gabion basket revetment, and all rock filler from bottomlands laying north of the south Right-of-Way (ROW) of Ludington Avenue; install a new storm sewer outlet with riprap splash pan for parking lot drainage at the south ROW boundary; embed in place the large boulder rock riprap in the approved semi-circular configuration, at or above the 580.5 feet above sea level IGLD 85 contour consistent with the US Army Corps requirements; excavate and/or backfill behind and upland of the riprap to create a concrete overlook and walkway connecting the parking lots, Stearns Park, and the north breakwater pier. All work shall be completed according to the attached, approved plans and the conditions of this permit.

Waterbody Affected: Lake Michigan

Property Location: Mason County, Pere Marquette Township, T18N, R18W, Section 16

Permittee: Mr. John Shay
City of Ludington
400 S. Harrison Street
Ludington, Michigan 49431

A handwritten signature in black ink, reading 'Barry T. Peterman'.

Barry T. Peterman
Water Resources Division
231-876-4442

*This notice must be displayed at the site of work.
Laminating this notice or utilizing sheet protectors is recommended.*

Please refer to the above Permit Number with any questions or concerns.



**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER RESOURCES DIVISION
PERMIT**

Issued To:

Mr. John Shay
City of Ludington
400 S. Harrison Street
Ludington, Michigan 49431

Permit No: WRP012521 v.1
Submission No.: HNA-X451-P4MAY
Site Name: 53-W Ludington Avenue and Stearns Park-City of Ludington
Issued: July 19, 2018
Revised:
Expires: July 19, 2023

This permit is being issued by the Department of Environmental Quality (DEQ), Water Resources Division (WRD), under the provisions of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA); specifically:

- | | |
|--|---|
| <input type="checkbox"/> Part 301, Inland Lakes and Streams | <input type="checkbox"/> Part 323, Shorelands Protection and Management |
| <input type="checkbox"/> Part 303, Wetlands Protection | <input checked="" type="checkbox"/> Part 325, Great Lakes Submerged Lands |
| <input type="checkbox"/> Part 315, Dam Safety | <input type="checkbox"/> Part 353, Sand Dunes Protection and Management |
| <input type="checkbox"/> Part 31, Water Resources Protection (Floodplain Regulatory Authority) | |

Permission is hereby granted, based on permittee assurance of adherence to State of Michigan requirements and permit conditions, to:

Authorized Activity:

As part of the Stearns Park renovations at the west end of Ludington Avenue: remove the existing gabion basket revetment, and all rock filler from bottomlands laying north of the south Right-of-Way (ROW) of Ludington Avenue; install a new storm sewer outlet with riprap splash pan for parking lot drainage at the south ROW boundary; embed in place the large boulder rock riprap in the approved semi-circular configuration, at or above the 580.5 feet above sea level IGLD 85 contour consistent with the US Army Corps requirements; excavate and/or backfill behind and upland of the riprap to create a concrete overlook and walkway connecting the parking lots, Stearns Park, and the north breakwater pier. All work shall be completed according to the attached, approved plans and the conditions of this permit.

Waterbody Affected: Lake Michigan
Property Location: Mason County, Pere Marquette Township, T18N, R18W, Section 16
Property Tax No. N/A

Authority granted by this permit is subject to the following limitations:

- A. Initiation of any work on the permitted project confirms the permittee's acceptance and agreement to comply with all terms and conditions of this permit.
- B. The permittee, in exercising the authority granted by this permit, shall not cause unlawful pollution as defined by Part 31 of the NREPA.

- C. This permit shall be kept at the site of the work and available for inspection at all times during the duration of the project or until its date of expiration.
- D. All work shall be completed in accordance with the approved plans and specifications submitted with the application and/or plans and specifications attached to this permit.
- E. No attempt shall be made by the permittee to forbid the full and free use by the public of public waters at or adjacent to the structure or work approved.
- F. It is made a requirement of this permit that the permittee give notice to public utilities in accordance with 2013 PA 174 (Act 174) and comply with each of the requirements of Act 174.
- G. This permit does not convey property rights in either real estate or material, nor does it authorize any injury to private property or invasion of public or private rights, nor does it waive the necessity of seeking federal assent, all local permits, or complying with other state statutes.
- H. This permit does not prejudice or limit the right of a riparian owner or other person to institute proceedings in any circuit court of this state when necessary to protect his rights.
- I. This permit shall not be assigned or transferred without the written approval of the DEQ.
- J. Failure to comply with conditions of this permit may subject the permittee to revocation of permit and criminal and/or civil action as cited by the specific state act, federal act, and/or rule under which this permit is granted.
- K. **All dredged or excavated materials shall be disposed of in an upland site (outside of floodplains, unless exempt under Part 31 of the NREPA, and wetlands).**
- L. In issuing this permit, the DEQ has relied on the information and data that the permittee has provided in connection with the submitted application for permit. If, subsequent to the issuance of a permit, such information and data prove to be false, incomplete, or inaccurate, the DEQ may modify, revoke, or suspend the permit, in whole or in part, in accordance with the new information.
- M. The permittee shall indemnify and hold harmless the State of Michigan and its departments, agencies, officials, employees, agents, and representatives for any and all claims or causes of action arising from acts or omissions of the permittee, or employees, agents, or representative of the permittee, undertaken in connection with this permit. The permittee's obligation to indemnify the State of Michigan applies only if the state: (1) provides the permittee or its designated representative written notice of the claim or cause of action within 30 days after it is received by the state, and (2) consents to the permittee's participation in the proceeding on the claim or cause of action. It does not apply to contested case proceedings under the Administrative Procedures Act, 1969 PA 306, as amended, challenging the permit. This permit shall not be construed as an indemnity by the State of Michigan for the benefit of the permittee or any other person.
- N. Noncompliance with these terms and conditions and/or the initiation of other regulated activities not specifically authorized shall be cause for the modification, suspension, or revocation of this permit, in whole or in part. Further, the DEQ may initiate criminal and/or civil proceedings as may be deemed necessary to correct project deficiencies, protect natural resource values, and secure compliance with statutes.
- O. **If any change or deviation from the permitted activity becomes necessary, the permittee shall request, in writing, a revision of the permitted activity from the DEQ. Such revision request shall include complete documentation supporting the modification and revised plans detailing the proposed modification. Proposed modifications must be approved, in writing, by the DEQ prior to being implemented.**
- P. This permit may be transferred to another person upon written approval of the DEQ. The permittee must submit a written request to the DEQ to transfer the permit to the new owner. The new owner must also submit a written request to the DEQ to accept transfer. The new owner must agree, in writing, to accept all conditions of the permit. A single letter signed by both parties that includes all of the above information may be provided to the DEQ. The DEQ will review the request and, if approved, will provide written notification to the new owner.
- Q. **Prior to initiating permitted construction, the permittee is required to provide a copy of the permit to the contractor(s) for review. The property owner, contractor(s), and any agent involved in exercising the permit are held responsible to ensure that the project is constructed in accordance with all drawings and specifications. The contractor is required to provide a copy of the permit to all subcontractors doing work authorized by the permit.**

- R. Construction must be undertaken and completed during the dry period of the wetland. If the area does not dry out, construction shall be done on equipment mats to prevent compaction of the soil.
- S. **Authority granted by this permit does not waive permit requirements under Part 91, Soil Erosion and Sedimentation Control, of the NREPA, or the need to acquire applicable permits from the County Enforcing Agent (CEA).**
- T. **Authority granted by this permit does not waive permit requirements of the federal government as administered by the United States Army Corps of Engineers (USACE). Contact the Grand Haven Field Office by calling 616-842-5510, extension 25525 for this information. A USACE permit is REQUIRED along with the DEQ permit prior to beginning any of the proposed activities.**
- U. The permittee is cautioned that grade changes resulting in increased runoff onto adjacent property is subject to civil damage litigation.
- V. Unless specifically stated in this permit, construction pads, haul roads, temporary structures, or other structural appurtenances to be placed in a wetland or on bottomland of the water body are not authorized and shall not be constructed unless authorized by a separate permit or permit revision granted in accordance with the applicable law.
- W. For projects with potential impacts to fish spawning or migration, no work shall occur within fish spawning or migration timelines (i.e., windows) unless otherwise approved in writing by the Michigan Department of Natural Resources, Fisheries Division.
- X. Work to be done under authority of this permit is further subject to the following special instructions and specifications:
 - 1. The authority to conduct the activity as authorized by this permit is granted solely under the provisions of the governing act as identified above. This permit does not convey, provide, or otherwise imply approval of any other governing act, ordinance, or regulation, nor does it waive the permittee's obligation to acquire any local, county, state, or federal approval or authorization necessary to conduct the activity.
 - 2. No fill, excess soil, or other material shall be placed in any wetland, floodplain, or surface water area not specifically authorized by this permit, its plans, and specifications.
 - 3. This permit does not authorize or sanction work that has been completed in violation of applicable federal, state, or local statutes.
 - 4. The permit placard shall be kept posted at the work site, in a prominent location at all times for the duration of the project, or until permit expiration.
 - 5. This permit is being issued for the maximum time allowed and no extensions of this permit will be granted. Initiation of the construction work authorized by this permit indicates the permittee's acceptance of this condition. The permit, when signed by the DEQ, will be for a five-year period beginning on the date of issuance. If the project is not completed by the expiration date, a new permit must be sought.



Issued By:

Barry T. Peterman
Cadillac District Office
Water Resources Division
231-876-4442

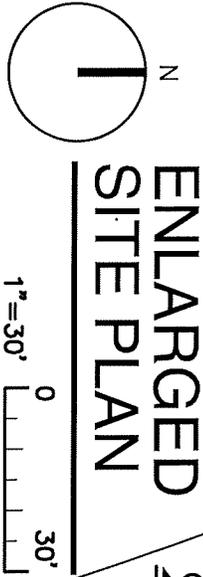
btp:sh

Enclosures

cc: City of Ludington Clerk
Pere Marquette Township Clerk
Mason County CEA
Craig Hondorp, Progressive AE
Jeff Fritsma

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ENLARGED SITE PLAN

WATER ELEVATION 579.3
 4/13/18

OHWM 581.5

NEW CONCRETE RAMP
 6' X 25'

EXISTING GABIONS
 TO REMAIN 13' REMOVED
 NEW ARMOR STONE

SHORELINE IMPROVEMENTS
 REMAINDER OF PROJECT

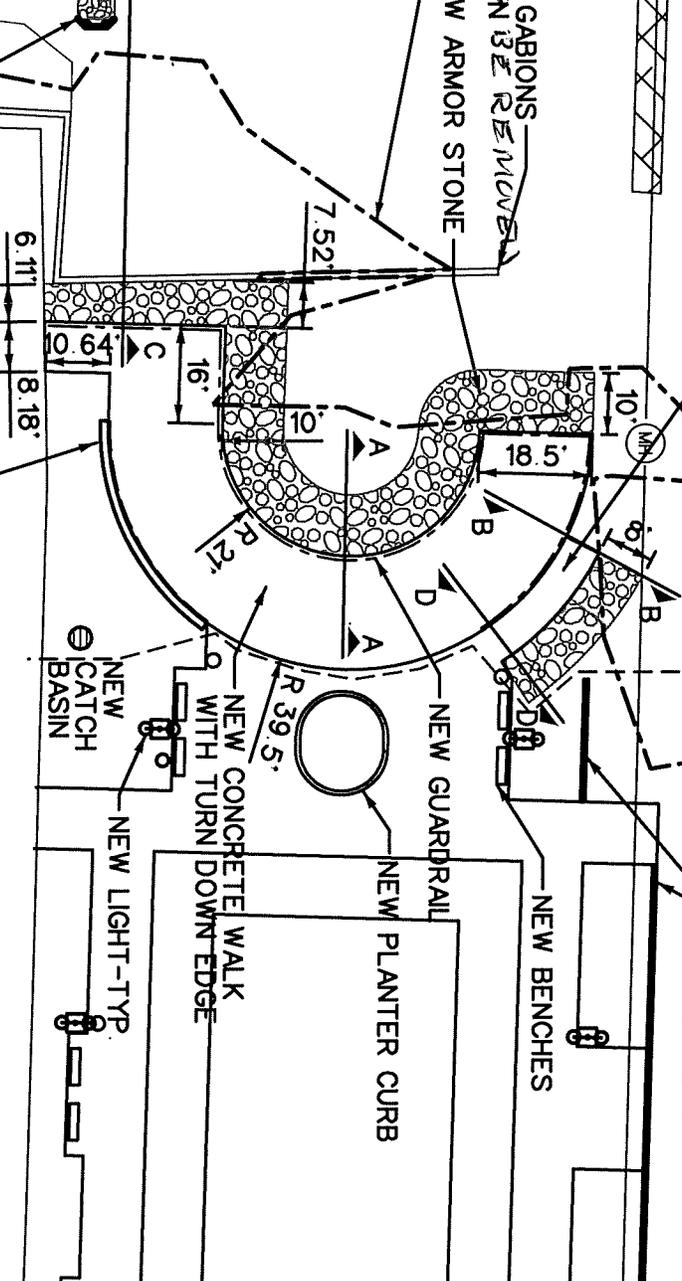
NEW FREESTANDING
 WALL - 2'-7"

EXISTING SHEETPIILING
 AND GABIONS
 EXISTING RIP-RAP

NEW STORM SEWER
 OUTLET WITH RIP-RIP

NEW CONCRETE SEAT WALL

EXISTING PARKING LOT



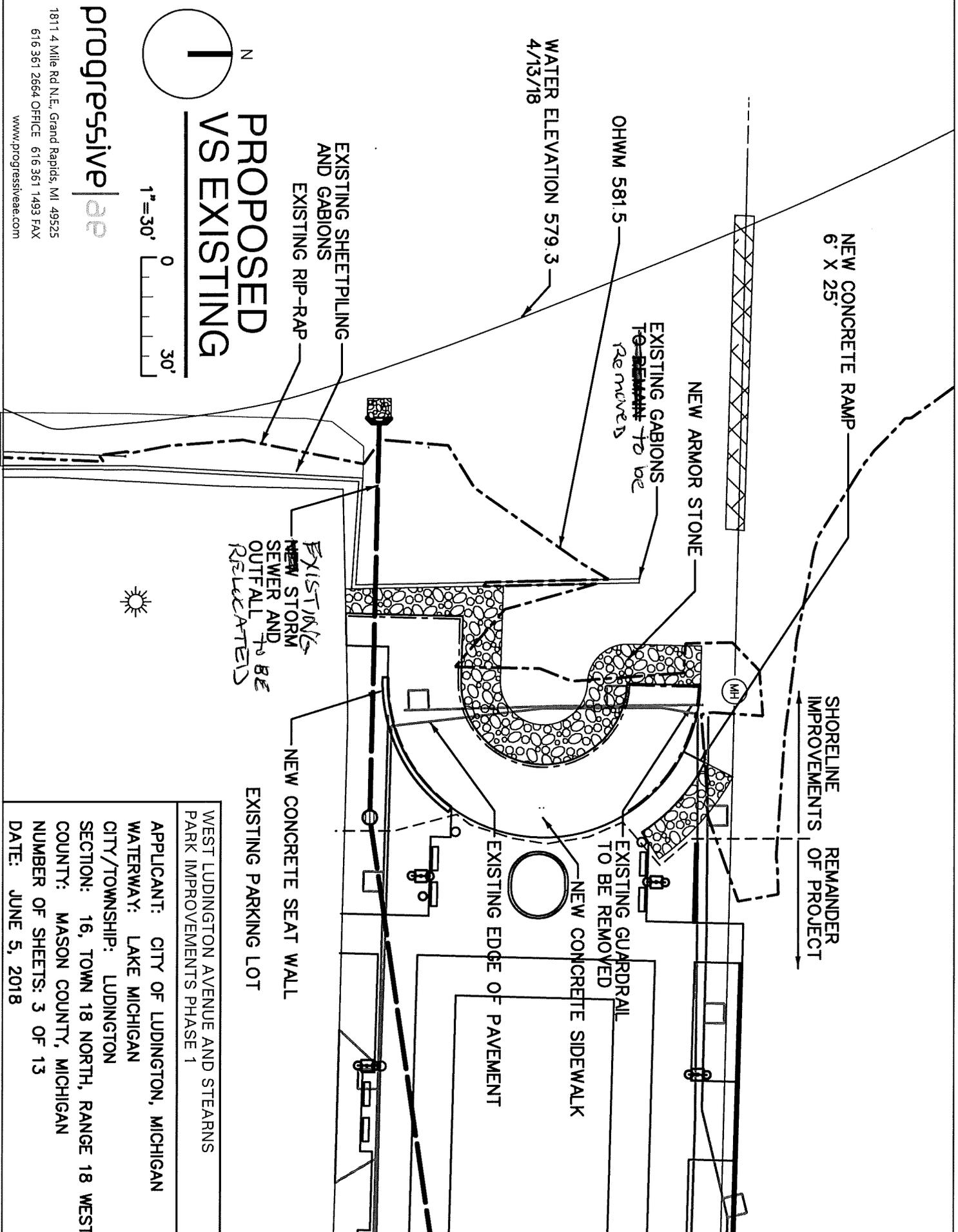
WEST LUDINGTON AVENUE AND STEARNS PARK IMPROVEMENTS PHASE 1
APPLICANT: CITY OF LUDINGTON, MICHIGAN WATERWAY: LAKE MICHIGAN CITY/TOWNSHIP: LUDINGTON SECTION: 16, TOWN 18 NORTH, RANGE 18 WEST COUNTY: MASON COUNTY, MICHIGAN NUMBER OF SHEETS: 4 OF 13 DATE: JUNE 5, 2018

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PROPOSED VS EXISTING



EXISTING SEWER AND STORM NEW OUTFALL TO BE RELOCATED

WEST LUDINGTON AVENUE AND STEARNS PARK IMPROVEMENTS PHASE 1

APPLICANT: CITY OF LUDINGTON, MICHIGAN
 WATERWAY: LAKE MICHIGAN
 CITY/TOWNSHIP: LUDINGTON
 SECTION: 16, TOWN 18 NORTH, RANGE 18 WEST
 COUNTY: MASON COUNTY, MICHIGAN
 NUMBER OF SHEETS: 3 OF 13
 DATE: JUNE 5, 2018

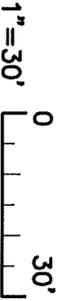
EROSION CONTROLS	
E12	RIPRAP
S51	SILT FENCE
S58	INLET PROTECTION FABRIC DROP

WATER ELEVATION 579.3
4/13/18

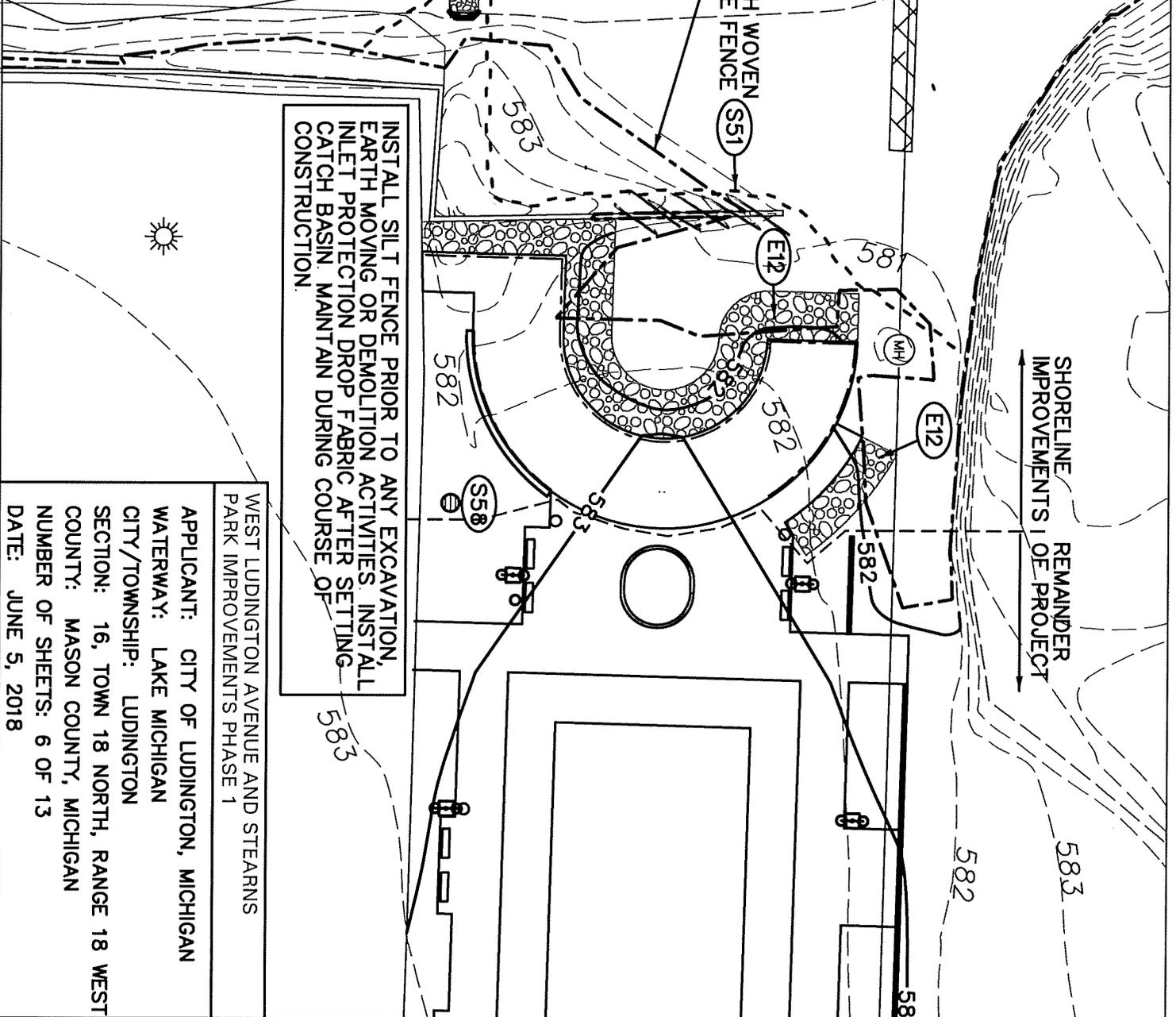
OHWM 581.5

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SESC PLAN



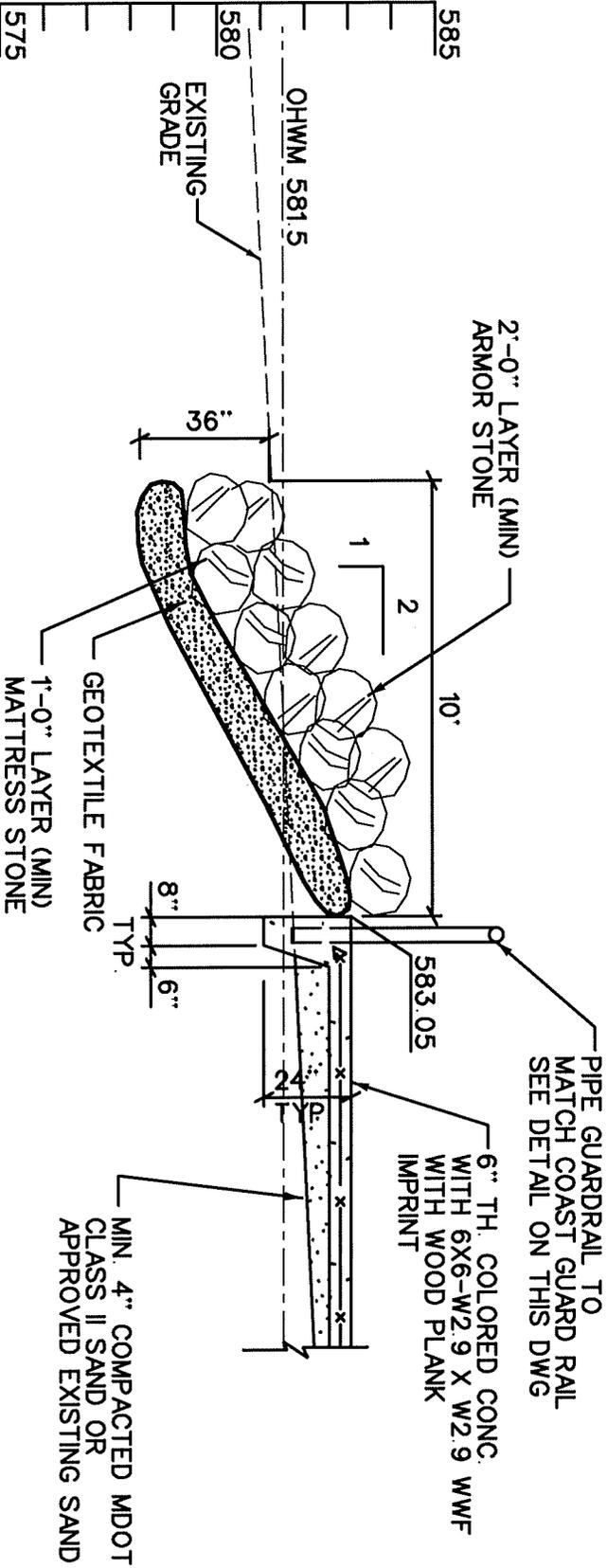
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INSTALL SILT FENCE PRIOR TO ANY EXCAVATION, EARTH MOVING OR DEMOLITION ACTIVITIES. INSTALL INLET PROTECTION DROP FABRIC AFTER SETTING CATCH BASIN. MAINTAIN DURING COURSE OF CONSTRUCTION.

WEST LUDINGTON AVENUE AND STEARNS PARK IMPROVEMENTS PHASE 1

APPLICANT: CITY OF LUDINGTON, MICHIGAN
WATERWAY: LAKE MICHIGAN
CITY/TOWNSHIP: LUDINGTON
SECTION: 16, TOWN 18 NORTH, RANGE 18 WEST
COUNTY: MASON COUNTY, MICHIGAN
NUMBER OF SHEETS: 6 OF 13
DATE: JUNE 5, 2018



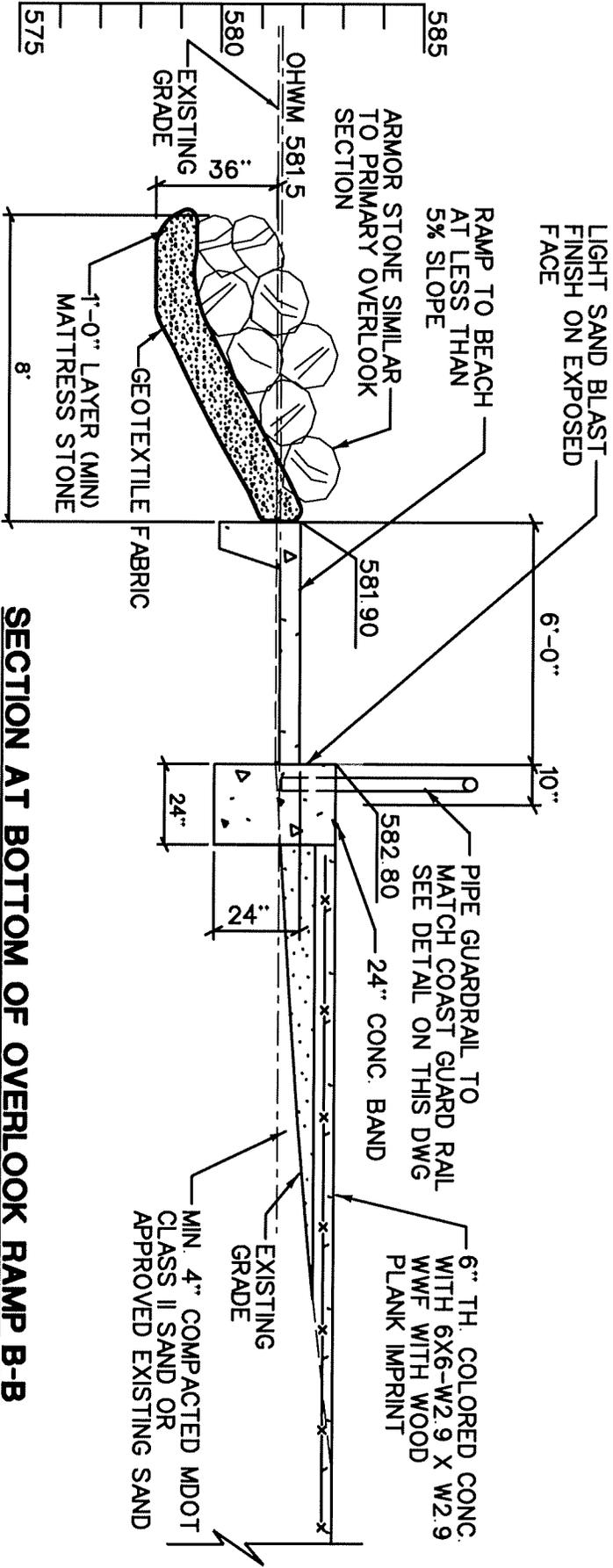
PRIMARY OVERLOOK SECTION A-A



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WEST LUDINGTON AVENUE AND STEARNS PARK IMPROVEMENTS PHASE 1
APPLICANT: CITY OF LUDINGTON, MICHIGAN
WATERWAY: LAKE MICHIGAN
CITY/TOWNSHIP: LUDINGTON
SECTION: 16, TOWN 18 NORTH, RANGE 18 WEST
COUNTY: MASON COUNTY, MICHIGAN
NUMBER OF SHEETS: 7 OF 13
DATE: JUNE 5, 2018



SECTION AT BOTTOM OF OVERLOOK RAMP B-B

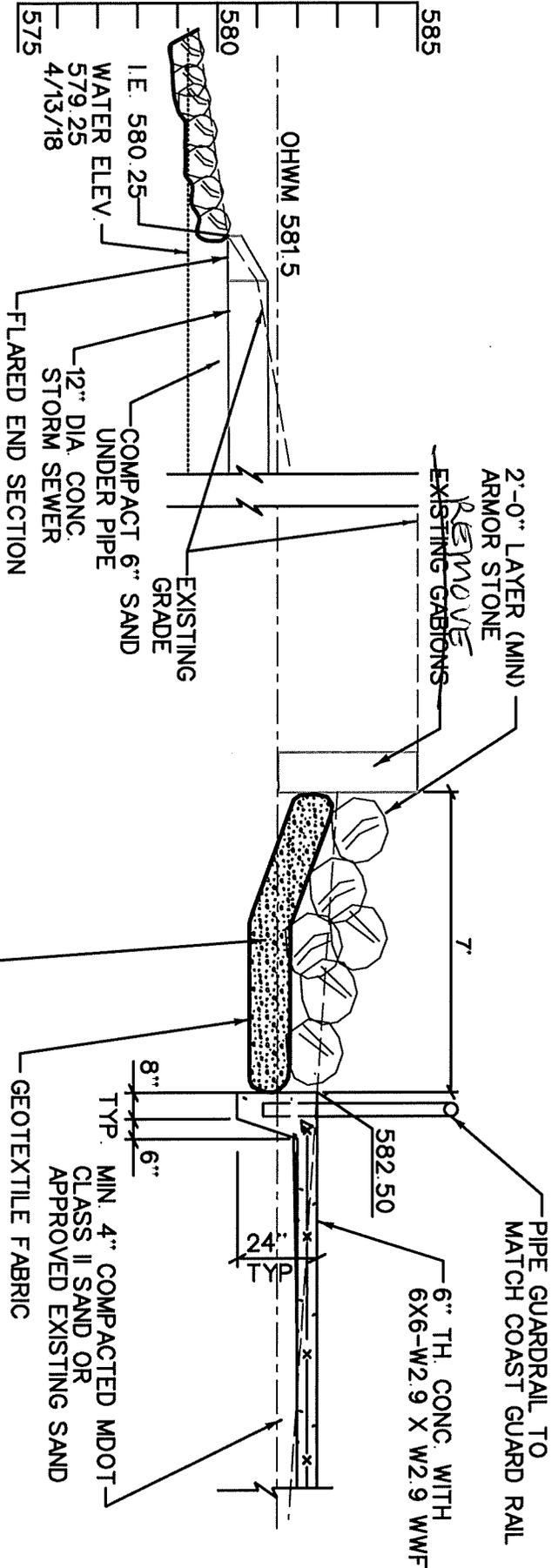


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WEST LUDINGTON AVENUE AND STEARNS
 PARK IMPROVEMENTS PHASE 1

APPLICANT: CITY OF LUDINGTON, MICHIGAN
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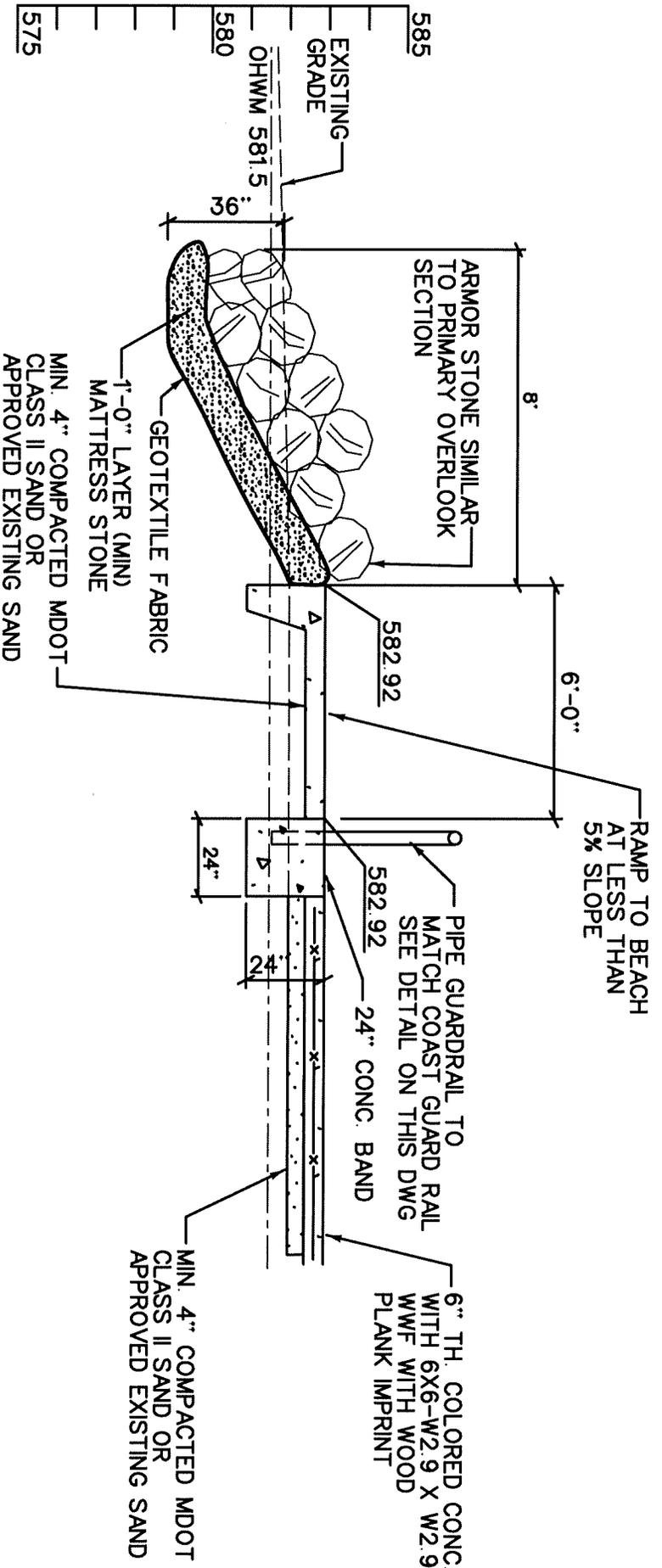
OVERLOOK SECTION AT STORM PIPE-C-C



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WEST LUDINGTON AVENUE AND STEARNS PARK IMPROVEMENTS PHASE 1
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CITY/TOWNSHIP: LUDINGTON
SECTION: 16, TOWN 18 NORTH, RANGE 18 WEST
COUNTY: MASON COUNTY, MICHIGAN
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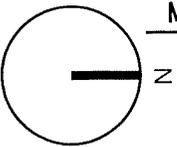
SECTION AT TOP OF OVERLOOK RAMP D-D



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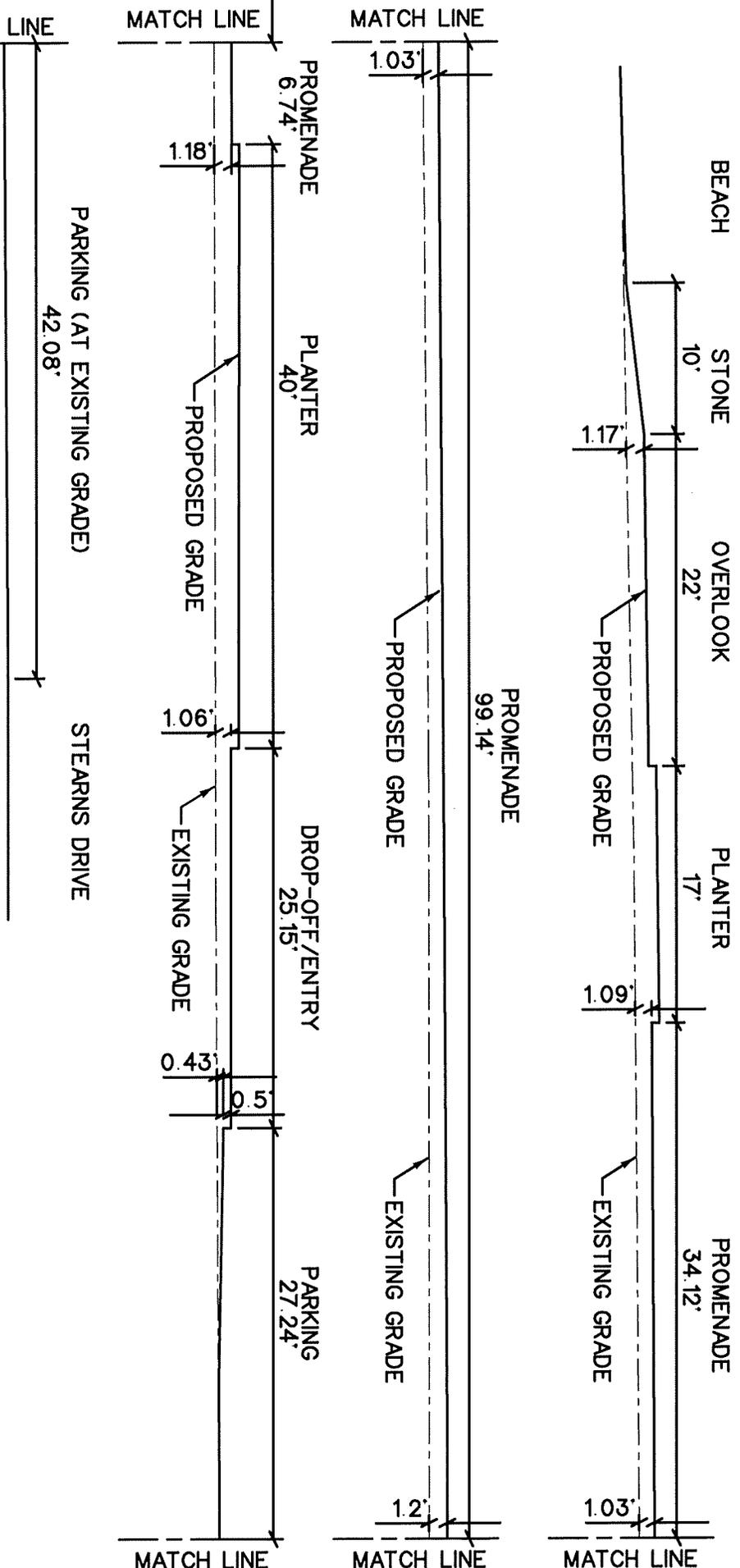
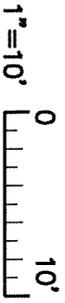
WEST LUDINGTON AVENUE AND STEARNS PARK IMPROVEMENTS PHASE 1
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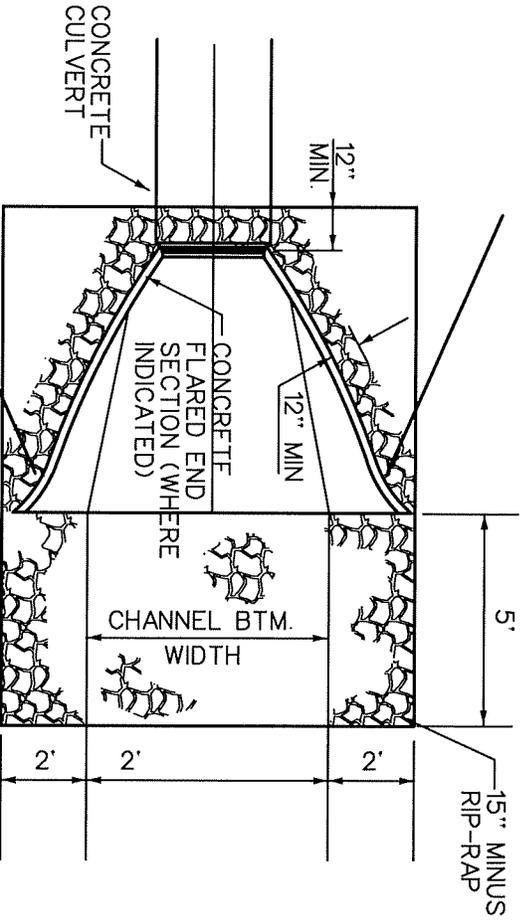
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PROMENADE SECTION E-E



WEST LUDINGTON AVENUE AND STEARNS
 PARK IMPROVEMENTS PHASE 1

APPLICANT: CITY OF LUDINGTON, MICHIGAN
 WATERWAY: LAKE MICHIGAN
 CITY/TOWNSHIP: LUDINGTON
 SECTION: 16, TOWN 18 NORTH, RANGE 18 WEST
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 NUMBER OF SHEETS: 11 OF 13
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PIPE DIA. (FEET)	L (FEET)	H (FEET)
12	5	2
15		
18		
21		
24	10	3
30		
36		
42		
48		
54	15	4
60		

E1
CT103

RIP-RAP OUTLET DETAIL

NO SCALE

CHANNEL SIDE SLOPE
GEOTEXTILE FABRIC (TOE IN EDGES 12" MIN.)

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WEST LUDINGTON AVENUE AND STEARNS
PARK IMPROVEMENTS PHASE 1

APPLICANT: CITY OF LUDINGTON, MICHIGAN
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CITY/TOWNSHIP: LUDINGTON
SECTION: 16, TOWN 18 NORTH, RANGE 18 WEST
COUNTY: MASON COUNTY, MICHIGAN
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DATE: JUNE 5, 2018

CONSTRUCTION SEQUENCE OF SHORELINE IMPROVEMENTS

- SHORELINE IMPROVEMENTS, INCLUDING STORM SEWER, ARMOR STONE, WESTERNMOST SIDEWALK AND SEAT WALL SHALL BE INSTALLED PRIOR TO REMOVALS FOR REMAINDER OF PROJECT TO STEARNS DRIVE.
- INSTALL SILT FENCE PRIOR TO ANY EXCAVATION, EARTHMOVING OR DEMOLITION ACTIVITIES. NO EXCAVATED MATERIALS SHALL BE DISPOSED OF IN LAKE AND SHALL BE USED OR STOCKPILED LANDWARD OF THE ORDINARY HIGH WATER MARK.
- EXCAVATE AND INSTALL STORM SEWER FROM OUTLET TO CATCH BASIN #100, REMOVING EXISTING GABIONS AS NEEDED. REINSTALL GABIONS, REESTABLISH GRADE AND PLACE RIP-RAP AT OUTLET. PLUG EAST CATCH BASIN INVERT UNTIL REMAINDER OF STORM SEWER IS INSTALLED. PLACE INLET DROP PROTECTION IN NEW CATCH BASIN.
- REMOVE EXISTING GUARDRAIL AND PAVEMENT AS NEEDED TO INSTALL WESTERNMOST SIDEWALK AND SEAT WALL. INSTALL SEAT WALL AND CONCRETE PAVEMENT.
- EXCAVATE AND INSTALL GEOTEXTILE FABRIC, MATTRESS STONE AND ARMOR STONE.

EXCAVATION AND FILL BELOW OHWM

OVERLOOK - 132 L.F.

EXCAVATION	- 99 CY
ARMOR STONE	+ 40 CY
MATTRESS STONE	+ 44 CY
CONCRETE WALK OR RAMP	+ 7 CY
SAND	+ 3 CY
STORM PIPE	+ 3 CY
OUTLET RIPRAP	+ 1 CY

TOTAL FILL BELOW OHWM 99 CY

DREDGED SAND FROM EXCAVATION TO BE USED AS FILL IN CONSTRUCTING WALKWAY.



1811 4 Mile Rd N.E., Grand Rapids, MI 49525
 616 361 2664 OFFICE 616 361 1493 FAX
 www.progressiveap.com

WEST LUDINGTON AVENUE AND STEARNS PARK IMPROVEMENTS PHASE 1
APPLICANT: CITY OF LUDINGTON, MICHIGAN WATERWAY: LAKE MICHIGAN CITY/TOWNSHIP: LUDINGTON SECTION: 16, TOWN 18 NORTH, RANGE 18 WEST COUNTY: MASON COUNTY, MICHIGAN NUMBER OF SHEETS: 13 OF 13 DATE: JUNE 5, 2018



INDIVIDUAL CONSTRUCTION PERMIT
For Operations within State Highway Right-of-Way

Issued To:
LUDINGTON, CITY OF

400 S HARRISON ST
LUDINGTON MI 49431-2175

Contact:
Joseph Stickney
231-843-2873(O) 231-690-4518(Cell)
jstickney@ci.ludington.mi.us

Permit Number: 53011-056314-18-082318

Permit Type: Individual Application

Permit Fee:

Effective Date: Aug 23, 2018 to Aug 23, 2019

Bond Numbers:

Liability Insurance Expiration Date:

THIS PERMIT IS VALID ONLY FOR THE FOLLOWING PROPOSED OPERATIONS:

PURPOSE:

Project consists of demolition of Ludington Avenue west of Stearns Drive to be replaced by a pedestrian promenade and overlook.

STATE ROUTE: M-116 **CITY OF:** Ludington **COUNTY:** Mason County

NEAREST INTERSECTION:	SIDE OF ROAD:	DISTANCE TO NEAREST INTERSECTION:	(in feet)	DIRECTION TO NEAREST INTERSECTION:
M-116 and Stearns Drive	W	0.00		West

CONTROL SECTION:	MILE POINT FROM:	MILE POINT TO:	LOCATION:			
			LEFT	MEDIAN	RIGHT	TRANSVERSE
53011	0.360	0.360	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

REQUISITION NUMBER: **WORK ORDER NUMBER:** **MDOT JOB NUMBER:** **ORG JOB NUMBER:**

53011-056314-18-082318 Issued To:LUDINGTON, CITY OF

This permit is incomplete without "General Conditions and Supplemental Specifications"

I certify that I accept the following:

1. I am the legal owner of this property or facility, the owner's authorized representative, or have statutory authority to work within state highway Right-of-Way.
2. Commencement of work set forth in the permit application constitutes acceptance of the permit as issued.
3. Failure to object, ***within ten (10) days*** to the permit as issued constitutes acceptance of the permit as issued.
4. If this permit is accepted by either of the above methods, I will comply with the provisions of the permit.
5. I agree that Advance Notice for Permitted Activities for shall be submitted **5 days prior** to the commencement of the proposed work.

I agree that Advance Notice for Permitted Utility Tree Trimming and Tree Removal Activities shall be submitted **15 days prior** to the commencement of the proposed work for an annual permit.

CAUTION

**Work shall NOT begin until the Advance Notice has been approved.
Failure to submit the advance notice may result in a Stop Work Order.**

LUDINGTON, CITY OF

Suzanne Mulder
MDOT

August 23, 2018
Approved Date

TSC Contact Info

Muskegon TSC

(231) 777-3451

THE STANDARD ATTACHMENTS, ATTACHMENTS AND SPECIAL CONDITIONS MARKED BELOW ARE A PART OF THIS PERMIT.

STANDARD ATTACHMENTS:

- 1 Special Conditions For Underground Construction (2205C)
- 2 General Conditions for Permit (General Conditions)
- 3 ENVIRONMENTAL REQUIREMENTS FORACTIVITIES WITHIN MDOT RIGHT-OF-WAY (2486)

ADDITIONAL ATTACHMENTS:

- 1 C100.pdf
- 2 C100A.pdf
- 3 C101.pdf
- 4 C102.pdf
- 5 C103.pdf
- 6 L101.pdf

53011-056314-18-082318 Issued To:LUDINGTON, CITY OF

AMENDMENT ATTACHMENTS:

SPECIAL CONDITIONS:

- 1 The Department of Transportation does not, by issuance of this permit, assume any liability claims or maintenance costs resulting from the park improvements facility placed by this permit. The Department reserves the right to require removal of all or any portion of this facility as needed for highway maintenance or construction purposes without replacement or reimbursement of any costs incurred by the permitted or other party. The permitted will defend, indemnify and hold harmless the Department for any claims whatsoever resulting from the construction or the removal of the authorized by this permit.
- 2 All disturbed areas within the right of way shall be top-soiled, seeded and mulched to match existing areas per current MDOT standards and specifications.

