1. **SEDIMENT CONTROL.**
   - Accordance with NYS standards for erosion & turbidity control.
   - Locate the silt fence a distance of 10' min. from the construction area.
   - Anchor ends of curtain on shore, min. 3' from shoreline.
   - The silt fence shall be installed parallel to contours.

2. **LIMIT OF WORK LINE.**
   - Note: all侵蚀控制措施应根据工作线进行。
   - Excavation, including any alteration or removal of structures, shall be conducted within the designated work area.
   - The work area shall not be extended beyond the footprints of existing structures.

3. **SUPPLEMENTAL ANCHORS AS NEEDED.**
   - Weighted anchoring system able to withstand high wind and wave conditions.
   - Ropes or cables with 6" min. floats shall be used.
   - Turbidity curtain to be maintained until project completed.

4. **WETLAND RESTRICTIONS.**
   - Net of the existing water area, including the lake bottom.
   - Debris, silt, peat, mud, sand, shells, gravel or other aggregate shall not be deposited in the wetland.
   - The wetland shall be protected against direct or indirect disturbance or interference.
   - Tree, bush, or vegetation in the wetland shall not be removed or disturbed.

5. **D10 TURBIDITY CURTAIN.**
   - locate the turbidity curtain to be deployed in lower Saranac Lake surrounding the boathouse, and be maintained until there is no visible turbidity.

6. **PADDLE DOCK & BOATHOUSE.**
   - Remove & replace Paddle Dock 1, 2 & 3 (floating docks) to exist in kind.
   - Reconstruct Paddle Dock 1, 2 & 3 (floating docks) to exist in kind.
   - Remove & dispose of portion of the structure located below water level, including the paddle dock, boathouse, and structures proposed to be demolished.

7. **EMERGING WETLAND.**
   - The portion of the structure located within 50% perennial rye and 50% annual rye, and straw shall be maintained until the project is completed.
   - Removal of any soil, stones, peat, mud, sand, shells, gravel, or other aggregate from the wetland is prohibited.
   - Removal of any material from the wetland, including the lake bottom, is prohibited.

8. **NOTES:**
   - Only hand tools shall be used to remove existing structures.
   - Post and foundation, should be removed with minimal disturbance to the existing structure.
   - The portion of the structure located below water level, including the paddle dock, boathouse, and structures proposed to be demolished shall be removed by hand only.
   - The portion of the structure located within 50% perennial rye and 50% annual rye, and straw shall be maintained until the project is completed.

9. **RESTRICTIONS:**
   - No draining, dredging, alteration, or removal of structures shall be conducted.
   - There shall be no draining, dredging, alteration, or removal of structures within the vicinity of the boathouse.
   - Removal of any soil, stones, peat, mud, sand, shells, gravel, or other aggregate from the wetland is prohibited.
   - Removal of any material from the wetland, including the lake bottom, is prohibited.

10. **WARNING:**
    - It is a violation of New York State law to alter, change, or modify any structure without the prior written approval of the engineer.
    - If an alteration is made, the altering engineer shall provide the engineer with a signed and dated letter of approval.
    - The engineer shall provide a notice of violation if an alteration is made without prior written approval.

11. **PROJECT #:** 19-061
    - LS MARINA, LLC
    - SARANAC LAKE MARINA PLLC
    - 348 Lake Street
    - SARANAC LAKE, NEW YORK
    - (518) 891-4975

12. **DATE:**
    - 05-01-20

13. **DRAWN BY:** BMD/KMR
    - North Woods Engineering
    - 348 Lake Street
    - SARANAC LAKE, NEW YORK

14. **SHEET:** D10
    - MAIN MARINA DEMOLITION PLAN

15. **LOCATION:** SARANAC LAKE, NEW YORK
1. EMBED FILTER CLOTH WHEN 1/3 HEIGHT OF SILT FENCE IS REACHED OR WHEN "BULGES" DEVELOP EQUIVALENT.

2. FILTER CLOTH SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.

3. WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE.

4. DEMOLITION NOTE:
   - OLD STRUCTURES. SHEET IS PROVIDED FOR INFORMATION ONLY.
   - DEMOLITION HAS ALREADY OCCURRED DUE TO UNSAFE CONDITION.
   - NOT QUITE AS STRIKING AS THE DEPICTION OF OLD STRUCTURES. SHEET IS PROVIDED FOR INFORMATION ONLY.
   - DEMOLITION NOTE:

5. WETLAND VEGETATION DISTURBED OR REMOVED.

6. THE PORTION OF THE STRUCTURE LOCATED DIRECTLY OR INDIRECTLY.

7. DEPOSITION OF ANY SOIL, STONES, PEAT, MUD, SAND, SHELLS, GRAVEL OR OTHER AGGREGATE FROM THE WETLAND EITHER.

8. DIFFERENCE OF WATER CLARITY WITHIN THE TURBIDITY CURTAIN AND OUTSIDE THE.

9. TURBIDITY CURTAIN SHALL BE INSTALLED IN ACCORDANCE WITH WITH THE NYS STANDARDS FOR EROSION &.

10. ANCHOR END ON SHORE, MINIMUM 3'.

11. CONFORM TO LAKEBED, SUCH AS HEAVY.

12. TYPE I DOT TURBIDITY CURTAIN APPROVED TURBIDITY CURTAIN SUITABLE FOR USE IN.

13. OPERATIONS.

14. TO WORK AREA AS POSSIBLE WITHOUT.

15. ULTIMATE STABILIZATION OF THE TURBIDITY CURTAIN TO WORK AREA VARIES.

16. SUPPLEMENTAL ANCHORS AS NEEDED.

17. CONFORM TO LAKEBED, SUCH AS TYPE I DOT TURBIDITY CURTAIN APPROVED TURBIDITY CURTAIN SUITABLE FOR USE IN.

18. OPERATIONS.

19. TO WORK AREA AS POSSIBLE WITHOUT.

20. ULTIMATE STABILIZATION OF THE TURBIDITY CURTAIN TO WORK AREA VARIES, UNDISTURBED TO BOTTOM.
1. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL ARRANGE PRE-CONSTRUCTION MEETING WITH OWNER/OWNER'S REPRESENTATIVE TO DISCUSS CONSTRUCTION PLANS AND SOIL EROSION AND SEDIMENT CONTROL PRACTICES ON THIS PLAN.

2. A COPY OF THE STORMWATER POLLUTION PREVENTION PLAN MUST BE MAINTAINED ON THE PROJECT SITE AT ALL TIMES DURING CONSTRUCTION.

3. BEFORE ANY CLEARING IS DONE, THE CONTRACTOR SHALL ARRANGE A VISIT TO THE PROJECT SITE AND PAY ALL ASSOCIATED COSTS.

4. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE IN PLACE AND SPECIFIED IN THE STEM CONTROL PLAN.

5. SOIL EROSION AND SEDIMENT CONTROL PRACTICES ON THIS PLAN ARE STABILIZED AND APPROVED BY THE OWNER'S REPRESENTATIVE.

6. APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE MAINTAINED ON THE PROJECT SITE AT ALL TIMES DURING CONSTRUCTION.

7. THE CONTRACTOR SHALL PERFORM ALL WORK, FURNISH ALL MATERIALS AND INSTALL ALL MEASURES REQUIRED TO REASONABLY PROTECT EXISTING TREES AND PLANTS DESIGNATED TO REMAIN FOR THE LENGTH OF THE CONSTRUCTION PERIOD. THE PLACEMENT OF ALL EXISTING TREES AND PLANTS IS STABILIZED AND APPROVED BY THE OWNER'S REPRESENTATIVE.

8. MULCHING IS REQUIRED ON ALL SEEDED AREAS TO PREVENT EROSION AND PREVENT EXCESSIVE FLOW OF SEDIMENT FROM THE CONSTRUCTION MATERIALS.

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF CLEARING WITHOUT A CLEAR UNDERSTANDING OF EXISTING CONDITIONS IDENTIFY TREES WHICH ARE TO BE PROTECTED OR REMOVED. DO NOT REMOVE & DISPOSE OF EXISTING BLDGS, SEE SHEET D10.

10. THE CONSTRUCTION PLANS AND STORMWATER POLLUTION PREVENTION PLAN (SWPPP), THE CONSTRUCTION PLANS AND ALL GENERAL CONSTRUCTION REQUIREMENTS OF THIS CONTRACT ARE STIPULATED IN THE DOCUMENT.

11. ALL ITEMS REQUIRING REMOVAL SHALL BE REMOVED TO FULL DEPTH OF EXISTING VEGETATION.

12. DISPOSAL OF ALL TREES, SHRUBS, STUMPS, VEGETATIVE AND GRUBBING OUT OF ENTIRE ROOT SYSTEM.

13. THE GENERAL CONTRACTOR SHALL COORDINATE ALL ADJUSTMENT OR ALTERATION OF EXISTING ASPHALT & GRAVEL PATH.

14. THE GENERAL CONTRACTOR SHALL COORDINATE ALL ADJUSTMENT OR ALTERATION OF EXISTING ASPHALT & GRAVEL PATH.

15. THE DOCUMENT THEIR SEAL AND THE NOTATION FOR ANY PERSON, UNLESS ACTING UNDER THE SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER AN ITEM IN ANY WAY. IF ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE DOCUMENT THEIR SEAL AND THE NOTATION DESCRIPTION OF THE ALTERATION.

16. IT IS A VIOLATION OF NEW YORK STATE LAW TO USE CONCEALED ELECTRICAL WIRES IN THE GROUND WITHIN THE LIMIT OF WORK JURISDICTION TO BE DETERMINED.

17. THE CONTRACTOR SHALL ENSURE ALL EXISTING CONCRETE CURTAIN WALLS ARE CLEANED BY THE CONTRACTOR DAILY.

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50. THE CONTRACTOR SHALL ENSURE ALL EXISTING CONCRETE CURTAIN WALLS ARE CLEANED BY THE CONTRACTOR DAILY.
1. **CONCENTRATED RUN-OFF.** When it is necessary to interrupt the disturbance by construction, secondary benchmarks shall be so located that they will not exist.
2. **DATE:** Performed by Geomatics Land Surveying, P.C.
3. **EXISTING BASE INFORMATION DERIVED FROM FIELD SURVEY NOTICE.**
4. **CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF THE EXISTING GRADE AREAS ADJACENT TO BUILDING LINES TO DRAIN AWAY FROM STRUCTURE AND PREVENT PONDING.** Finish surfaces shall be free from irregular surface changes.
5. **REPORTED TO THE OWNER'S REPRESENTATIVE PRIOR TO CONTINUING WORK.** Any discrepancies not allowing this to occur shall be addressed.

**Legend:**
- Property Boundary
- Existing Contour
- Proposed Contour
- Site Plan
- Drainage Swale
- Storm Drainage
- Wet Swale
- Wetland
- Proposed Storage
- Storm Drainage
- Wetland Protection
- Outlet
- Existing Wetland Boundary.

**Additional Notes:**
- Checkdams/Weirs, typical.
- Stone lined conveyance swale.
- 24" wide bottom, 30" min depth, blend smooth into adjacent grades.
- 18" min depth, 2' wide bottom wet swale.
- 48" wide bottom, grass lined conveyance swale.
- 12" min depth, 1P wet swale. 24" wide, 30" min depth, blend smooth into adjacent grades.
- 36" wide bottom, grass lined swale.

**Checked by:** JA Garso

**Owner Changes**

**Issued For**

**APA Permitting**

**B**

**Original 24"x36"**

**Project Name: 19-061**

**Main Marina, LLC**

**Saranac Lake, NY 12983**

**348 Lake Street**

**Saranac Lake, New York**

**Date: 08-12-20**

**Engineering:**

North Woods Engineering

348 Lake Street

Saranac Lake, NY 12983

(518) 891-4975

www.north-woods-engineering.com

**Drawing by:** BMD/KMR

**Diagram:**

**Warning:** It is a violation of New York State law for any person, unless acting under the supervision of a licensed professional engineer, to alter an item in any way. If altered, the altering engineer shall affix to the document their seal and the notation for any person, unless acting under the supervision of a licensed professional engineer, to alter an item in any way. If altered, the altering engineer shall affix to the document their seal and the notation of the date of alteration, and a specific description of the alteration.

**Project:**

Saranac Lake, New York State Licensed Land Surveyor

**Issued For:**

**APA SUPPLEMENT B OWNER CHANGES**

**REV:**
1600 JURISDICTION TO BE DETERMINED)

APA, NON-JURISDICTIONAL. ACOE EXISTING WETLAND BOUNDARY.

PROPERTY BOUNDARY MATCH LINE SEE SHEET C15

1590 LIMIT OF WORK

P R O P E R T Y  B O U N D A R Y

1560 C50 GRASS LINED SWALE 2' WIDE APPROX 20' LONG, 5' WIDE BOTTOM, 12' MIN DEPTH STONE LINED SWALE TO LIMIT OF EARTHWORK.

2.5% 18" MIN DEPTH 18" WIDE BOTTOM, GRASS LINED SWALE

2.5% 70

C52 RETAINING WALL FIELD. SEE UTILITY PLAN

EXISTING DRAINAGE BUILDING EXISTING BOAT STORAGE CORRIDOR. DO NOT

C50 WASTEWATER DISPOSAL ELEV:1588

NYS RT 3 F.E.S.1 STONE

OF EXISTING PAVING MEET LINE & GRADE

1586.50 1588 1587.50 1589.75 1590 1592 1594 1595.00 1595.50 1596 1597.20 1597.65 1598 1599

C50 HORIZONTAL DISTURBANCES

1580 1590 1592 1594 1595 1595.50 1596 1598 1599 1600

1572 1574 1576 1578 1580 1582 1584 1586 1588 1590 1592 1594 1595 1596 1598 1600

C50 6" HORIZONTAL DISTURBANCES

Match Line See Sheet C15

1580 1582 1584 1586 1588 1590 1592 1594 1595 1596 1598 1600

JURISDICTIONAL, ACOE JURISDICTION TBD)

EXISTING WETLAND BOUNDARY (APA NON-JURISDICTIONAL. ACOE

EXISTING WETLAND BOUNDARY.

AREA OF WETLAND DISTURBANCE 2,283 SQ FT (0.05 ACRES)
SARANAC LAKE, NEW YORK

4901 NYS ROUTE 3

DRAWN BY: BMD/KMR
CHECKED BY: JA GARSO
PROJECT #: 19-061
ORIGINAL 24"x36"

DATE: 05-01-20
ISSUED FOR:
REV:

DESCRIPTION OF THE ALTERATION.
THE DATE OF ALTERATION, AND A SPECIFIC "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DOCUMENT THEIR SEAL AND THE NOTATION "ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO ENGINEER, TO ALTER AN ITEM IN ANY WAY. IF SUPERVISION OF A LICENSED PROFESSIONAL FOR ANY PERSON, UNLESS ACTING UNDER THE WARNING:

APA PERMITTING
BOAT LAUNCH
GRADING PLAN
MAIN MARINA

C19

SITE PLAN

THE MEAN HIGH WATER MARK.
AC) OF DISTURBANCE BELOW
APPROXIMATELY 1320 SF (0.03
C50

MARK RUNS ALONG BULKHEAD
TO REMAIN MEAN HIGH WATER
EXISTING CONCRETE BULKHEAD
LIMIT OF EXIST
PROPOSED DOCK/DECKING
TO EXISTING GRADE
LIGHT STONE FILL BACK
PUSH SLAB PORTIONS
CONCRETE LAUNCH RAMP,
DEMOLISHED STRUCTURE
LIMIT OF EXISTING/
MEAN HIGH WATER MARK
LIMIT OF DISTURBANCE BELOW
RAMP CONSTRUCTION
TURBIDITY CURTAIN FOR

FUEL PUMP
EXISTING

BULKHEAD, 1535.6
END OF EXPOSED
1531.75'
BULKHEAD, 1535.6
END OF EXPOSED
1534.70' (EX)

SIDEWALK
CONCRETE
CONCRETE WALK
ROOF OVER WALK
BUILDING TO REMAIN
LIMIT OF EXISTING
PADDLE SPORTS

MAIN MARINA GRADING PLAN
BOAT LAUNCH

C19
DESCRIPTION OF THE ALTERATION.
THE DATE OF ALTERATION, AND A SPECIFIC
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SUPERVISION OF A LICENSED PROFESSIONAL
FOR ANY PERSON, UNLESS ACTING UNDER THE
WARNING:
05-01-20
APA PERMITTING
SITE PLAN
N
C30
OVERLAY PLAN
MAIN MARINA
1" = 30'
07-16-20
OWNER CHANGES
03-30-23
OWNER CHANGES
APRIL ELLIOT
APRIL ELLIOT
P1
P2
P3
P4
P5
P5A
P1A
P1B
E1A
E1B
E13
E12
E5A
R7
P2
P3A
### TABLE 1: Key for Existing Elements Within 50’ Setback

<table>
<thead>
<tr>
<th>No.</th>
<th>Origin Street</th>
<th>Existing Height (FT)</th>
<th>Proposed Height (FT)</th>
<th>Notes</th>
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### TABLE 2: Key for Existing Elements Within 50’ Setback to Be Removed

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<tr>
<th>No.</th>
<th>Origin Street</th>
<th>Existing Height (FT)</th>
<th>Proposed Height (FT)</th>
<th>Notes</th>
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### TABLE 3: Key for Proposed Elements Within 50’ Setback

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<th>No.</th>
<th>Proposed Element</th>
<th>Origin Street</th>
<th>Proposed Height (FT)</th>
<th>Notes</th>
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**NOTES:**

- Always refer to the APA website for the most current information and guidelines.
- Ensure all alterations to existing structures comply with local codes and regulations.
- Conduct necessary research and obtain proper permits before initiating work.
- Consult with local authorities for any special requirements or restrictions.
ENTRY SIGN - ANNEX

EXISTING SIGN - MAIN MARINA

DIRECTIONAL SIGN - ANNEX

BOAT WASH PAD

TIMBER FOOT BRIDGE

BUOY ANCHOR

BOULDER RETAINING WALL

CONCRETE WASHOUT BASIN

WINTER STABILIZATION NOTES

1. ONGOING LAND DISTURBANCE AND EXPOSURE BETWEEN NOVEMBER 15TH TO THE FOLLOWING APRIL 1ST.
2. ONGOING CONSTRUCTION ACTIVITIES.
3. SILT FENCE. MARK SILT FENCE WITH TALL STAKES THAT ARE VISIBLE ABOVE THE SNOW PACK.
4. KEEP FILL MATERIAL AT JOINTS TO A MINIMUM. IF DIRECTED BY THE ENGINEER, SUCCESSIVE COURSES SHALL BE ½ CY MIN.
5. ALL COURSES SHALL BE LAID WITH BEARING BEDS PARALLEL TO THE NATURAL BED.
6. PLACE APPROVED FILTER FABRIC BEHIND ROCKS TO PREVENT FILL EROSION.
7. 6 INCH, 100% PASSING BY WEIGHT GRADED TO THE FOLLOWING LIMITS:
8. 2. UNCLASSIFIED BACKFILL TO BE COMPACTED IN LIFTS OF NO MORE THAN 12".
9. 6 INCH, 100% PASSING BY WEIGHT GRADED TO THE FOLLOWING LIMITS:
10. PROVIDE GEOTEXTILE FABRIC ON VERTICAL SIDES UP AGGREGATE TO STABILIZE PER.
11. Note:
12. RESERVOIR COURSE: AASHTO #3 STONE, DOUBLE WASHED
13. UPPER CHOKER COURSE: AASHTO #57 STONE, DOUBLE WASHED, TO PROVIDE ADJACENT FINISH GRADE, SURFACE VARIES
14. BOLDOER RETAINING
15. CONSTRUCTION NOTES.
16. WRITABLE DRAWS.
17. WINTER STABILIZATION SHALL BE REQUIRED FOR ALL CONSTRUCTION ACTIVITIES INVOLVED WITH DAMS, OR DEBRIS FROM PLOWING OPERATIONS, THAT RESTRICT THE FLOW OF RUNOFF AND MELTWATER, RESULTING IN A MINIMUM 25 FOOT BUFFER SHALL BE MAINTAINED FROM ALL PERIMETER CONTROLS SUCH AS DRAINAGE STRUCTURES MUST BE KEPT OPEN AND FREE OF SNOW AND ICE DAMS. ALL DEBRIS, ICE, SNOW MANAGEMENT ACTIVITIES MUST NOT DESTROY OR DEGRADE INSTALLED EROSION AND SEDIMENT CONTROL PRACTICES.
18. LS MARINA, LLC PLLC
EXISTING GROUND

NORMAL WATER ELEVATION
ANCHOR MAY BE APPROVED
(OTHER TYPE PIPE SUPPORT AND STONE SUPPORT AND ANCHOR)

PERFORATED INLET SCREEN

6" SCH40 PVC
M IN . 1/8 " P E R  F T . S L O P E OR LONG SWEEP BEND

12" LONG SPOOL PIECE OF RED ENAMEL
6" SCH40 PVC - PAINT WITH (2) COATS

HYDRANT CONNECTION TO GROUND HEIGHT TO BE LESS THAN PUMP INTAKE

WARNING: 05-01-20 APA PERMITTING CENTERED ON SEWER LINE FULL LENGTH OF PIPE

EQUAL TO WATER PIPE, AND SHALL BE PRESSURE TESTED TO ASSURE WATERTIGHTNESS PRIOR TO BACKFILLING.
PREVENT DAMAGE TO WATER MAIN. WHEN IT IS IMPOSSIBLE TO PROVIDE THE ABOVE MINIMUMS, THE SEWER SHALL BE DESIGNED AND CONSTRUCTED OUTSIDE TO OUTSIDE. WHERE WATER MAIN IS UNDERNEATH SEWER, ADEQUATE STRUCTURAL SUPPORT SHALL BE PROVIDED FOR THE SEWER TO 18" MINIMUM ABOVE TOP OF SEWER PIPE. WHEN CROSSING, MAINS SHALL BE INSTALLED TO INSURE 18" MINIMUM VERTICAL SEPARATION BETWEEN PIPES, TAINED, WATER MAIN SHALL BE IN SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SHELF TO ONE SIDE OF SEWER, WITH BOTTOM OF WATER MAIN WHEN INSTALLED PARALLEL, ALL WATER AND SEWER LINES SHALL HAVE A MINIMUM SEPARATION OF 10', EDGE TO EDGE. IF MINIMUM CANNOT BE MAIN-

STATE STANDARDS")

NOTE:

FINISHED GRADE

SANITARY SEWER OR STORM SEWER

UTILITY CROSSING DETAIL

COMPOSTING TOILET

DRY HYDRANT PROFILE