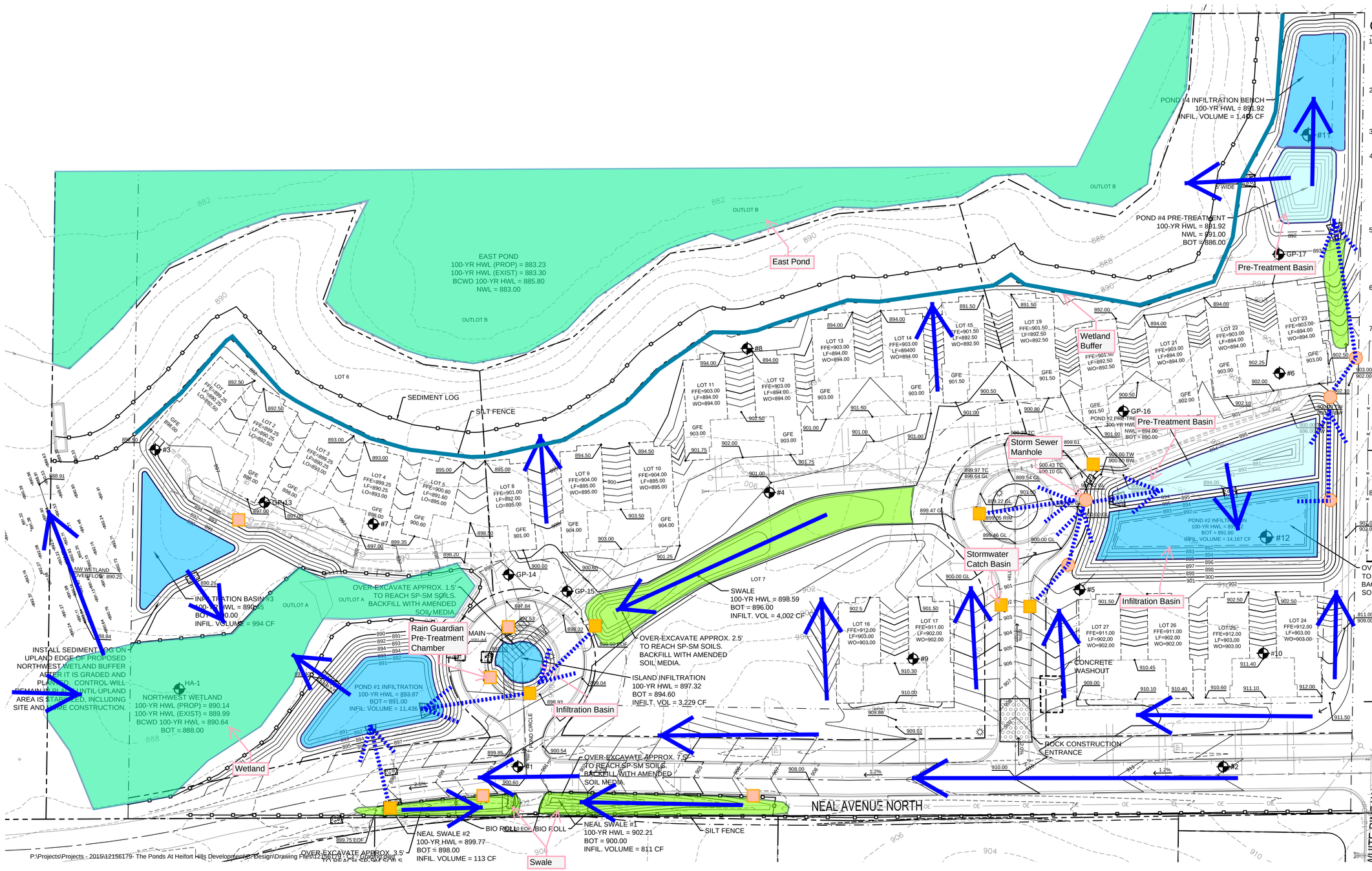
LEGEND

950.00 TC
949.50 GL

SPOT ABBREVIATIONS:
- TC - TOP OF CURB
- GL - GUTTER LINE
- B - BITUMUNOUS
- C - CONCRETE
- EO - EMERGENCY OVERFLOW
- TW - TOP OF WALL
- BW - BOTTOM OF WALL (F/G)
- (*) - EXISTING TO BE VERIFIED

CONCRETE WASHOUT STATION

950 — EXISTING CONTOURS
950 — PROPOSED CONTOURS - MAJOR INTERVAL
949 — PROPOSED CONTOURS - MINOR INTERVAL
GRADE BREAK LINE
2.0% — GRADE SLOPE
SILT FENCE
SEDIMENT LOG
RIP-RAP / ROCK CONST. ENTRANCE
INLET PROTECTION



GRADING NOTES

1. Tree protection consisting of snow fence or safety fence installed at the drip line shall be in place prior to beginning any grading or demolition work at the site.
2. All elevations with an asterisk (*) shall be field verified. If elevations vary significantly, notify the Engineer for further instructions.
3. Grades shown in paved areas represent finish elevation.
4. Restore all disturbed areas with 4" of good quality topsoil and seed. Areas outside of the east buffer shall be seeded with Mixture #25-131 (low maintenance turf). Areas within infiltration basins shall be seeded with Mixture #33-262 (dry pond).
5. All slopes that are in excess of 3:1 (H:V) and areas of concentrated flow (such as swales) shall be secured with North American Green DS150 for short term erosion control (Category 3).
6. All construction shall be performed in accordance with state and local standard specifications for construction.
7. At the completion of the project and prior to turf establishment and seeding, the Contractor shall de-compact the soils in areas that were disturbed as a result of construction activities. De-compaction shall consist of ripping, cultivating, or scarifying the top 12" in attempt to improve the infiltration characteristics of the soils. The Contractor shall use low impact earth moving equipment to prevent compaction of the underlying soils, for both temporary and final grading and smoothing of the topsoil prior to seeding. Payment for de-compaction shall be for the price quoted in the construction contract.
8. No grading or work of any kind may occur beyond silt fences and within buffer or wetland areas. The contractor shall utilize the proper means and methods for constructing the boulder retaining wall near the northwest wetland to avoid disturbance of any kind.

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Client:
THE PONDS AT HEIFORT HILLS, LLC
C/O: RICHARD GAGNE
11373 NEAL AVENUE SOUTH
HASTINGS, MINNESOTA 55033

Project Title:
THE PONDS AT HEIFORT HILLS
STILLWATER, MINNESOTA

I hereby certify that this plan, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the state of Minnesota.

Matt Woodruff

Matt Woodruff, P.E.

Date: 02.19.16 Reg. No.: 41885

Rev.	Date	Description
1	03.03.16	Revised Pre-Plat
2	03.18.16	City Submittal Update
3	04.08.16	Watershed Submittal
4	05.11.16	Revised Pre-Plat
5	05.20.16	Final Plat
6	05.31.16	Addendum #1
7	06.29.16	MPCA/MDH Permit Set
8	07.22.16	Watershed Submittal
9	08.26.16	Final CD's
10	09.09.16	Watershed Submittal
11	09.14.16	Watershed Submittal
12	09.26.16	Final Construction Set
13	10.06.16	Revised Const Set
14	10.17.16	Groundwater Mounding
15	10.25.16	Construction Revision
16	11.11.16	BCWD Variance Approval

Project #: 12156179
Drawn By: CBS
Checked By: MJW
Issue Date: 02.19.16

Sheet Title:
GRADING & EROSION CONTROL PLAN

Sheet: C2.0

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