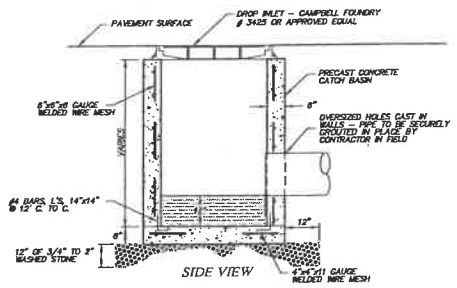


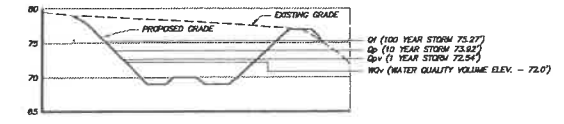
**MINIMUM TABLE**

YARD STRUCTURE	MINIMUM LOT AREA PER BUILDING UNIT (SQUARE FEET)		MAXIMUM BUILDING COVERAGE (PERCENT OF LOT AREA)	MINIMUM LANDSCAPE COVERAGE (PERCENT OF LOT AREA)
	REAR (FEET)	FRONT (FEET)		
D	30	NA	25%	30%
D	30		35%	

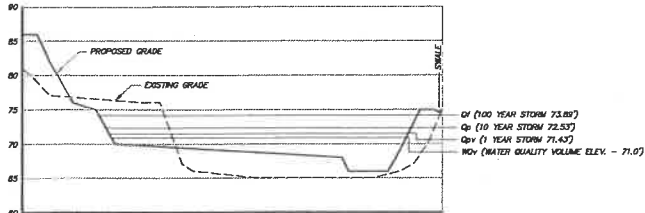
- NOTES:**
- 1.) PARKING REQUIREMENT IS 1 SPACE PER 300 SQUARE FEET OF BUILDING FLOOR AREA.
  - 2.) SITE AREAS NOT DESIGNATED FOR SPECIFIC USES MAY BE USED FOR BROOKFIELD FLEET PARKING, OVERFLOW VEHICLE PARKING, OR MOBILE EQUIPMENT PARKING.
  - 3.) SIGN REQUIREMENTS ARE AS FOLLOWS:  
 FREESTANDING: 24 SQUARE FEET  
 WALL MOUNTED: 1 SQUARE FOOT PER FOOT OF BUILDING FRONTAGE MINUS THE SQUARE FOOTAGE OF FREESTANDING OR PROJECTING SIGNS



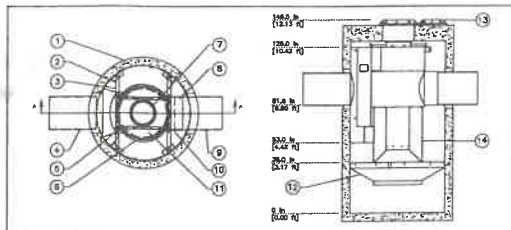
**STANDARD CATCH BASIN TRAP**  
NOT TO SCALE



**CROSS SECTION - WATER QUALITY/STORMWATER POND A1**  
SCALE: 1" = 40' HORIZ.  
1" = 10' VERT.



**CROSS SECTION - WATER QUALITY/STORMWATER POND A2**  
SCALE: 1" = 40' HORIZ.  
1" = 10' VERT.



**EQUIPMENT PERFORMANCE**

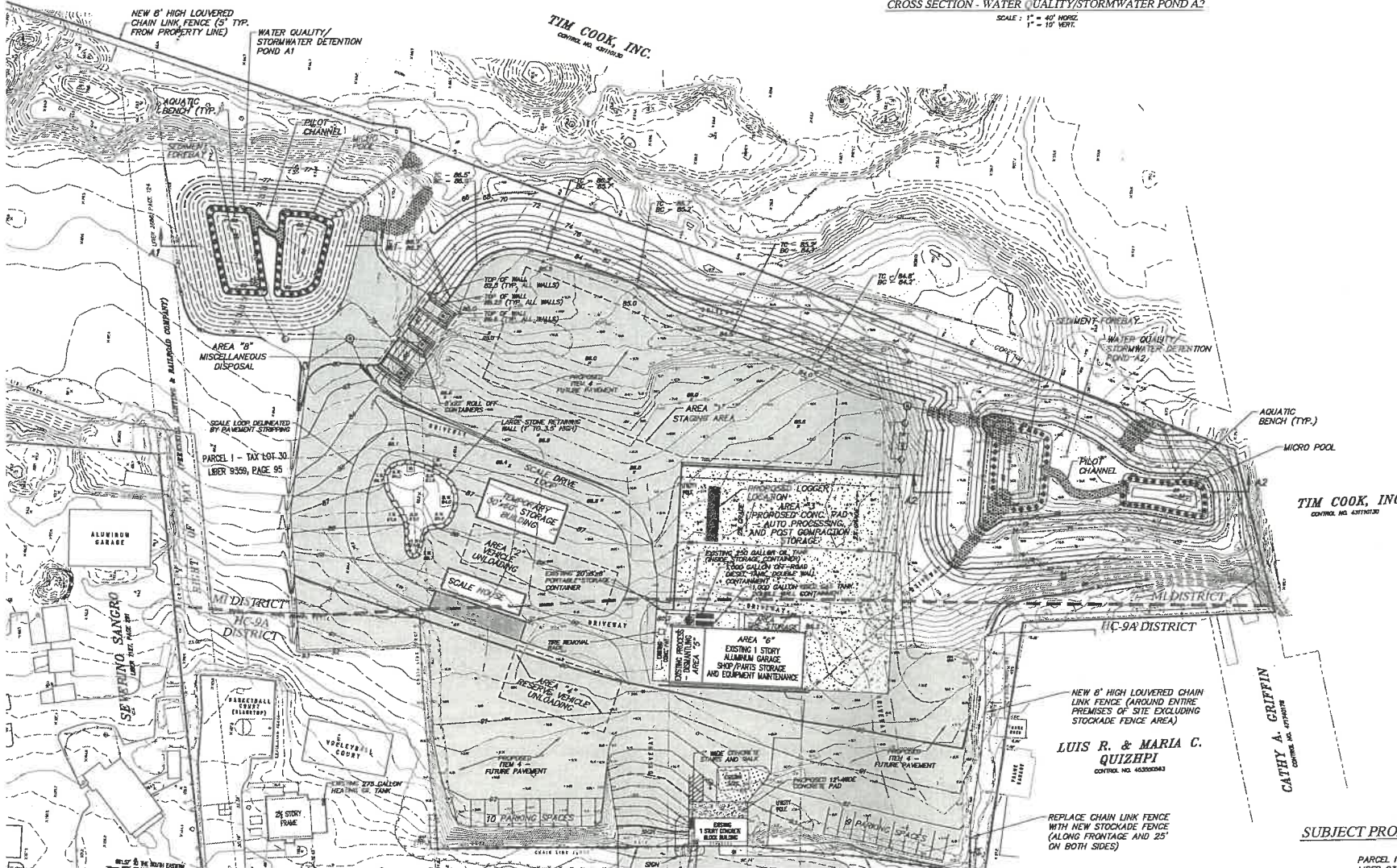
The above-stated treatment unit shall adhere to the hydraulic performance data in the chart below and provide the removal efficiencies and storage capacities as follows:

1. Performance objectives: The unit shall be capable of treating the bypass flow rate listed below.
2. Treatment flow: 4.3 cfs (122.4 l/s).
3. Flow velocity: 18.0 in/s (508.7 V/s).
4. Flow: minimum storage capacity: 5.10 cu. yd. (1.41 cu.m.).
5. Oil storage capacity: 0.2 gal. (188.9 mm³).
6. Sediment shall be stored in a zone that is isolated from the water flow path and protected from disturbance by a baffle wall.

Drawings are prepared and intended for guidance only. The calculations of the total pipe and overflow pipe run are subject to site requirements. Show site plan for construction. For design assistance, please contact Hydro International at the number listed in the title block.

PARTS LIST		
ITEM	SIZE	DESCRIPTION
1	72 in. x 1825mm	LD. CONCRETE MANHOLE
2		LEADER ANGLE (TYP.)
3		SUPPORT FRAME
4	24 in. x 1810mm	INLET PIPE (BY OTHERS)
5		INLET CHUTE W/ BYPASS
6		IMP. PLATE
7		CENTER BOLT & GORE
8		PIPE COUPLING (BY OTHERS)
9	24 in. x 1810mm	OUTLET PIPE (BY OTHERS)
10	24 in. x 1810mm	OUTLET PIPE STOP
11		FLUXABLES LID
12	24 in. x 1810mm	REINFORCED SIGHT
13	24 in. x 18 in. x 400mm	MANHOLE LIDS, FRAMES & COVERS
14		ROOFING

**HYDRO INTERNATIONAL**  
 14 Hushkin Drive  
 Foxboro, MA 01930  
 Tel: (508) 736-6200  
 Fax: (508) 756-6212  
 Email: info@hni-intl.com



**SEQUENCE OF CONSTRUCTION NOTES:**

1. Prior to any site construction, the contractor shall install the stabilized construction entrance as shown on the SWPPP.
2. Upon completion of the stabilized construction entrances, the contractor shall install all fencing for Phase 1 of site disturbance which includes the concrete pad.
3. Excavate Pond A2 and install outlet structure. The pond shall act as a sediment basin during construction.
4. After completion of Phase 1, excavate Pond A1 with outlet structure. S&I fencing and temporary diversion swales and check dams shall be fully installed before any site filling occurs. Pond A1 shall also act as a sediment basin during construction.
5. Install all diversion swales and check dams as shown on the SWPPP.
6. Commence Phase 2 site construction including filling as shown on the site plan.
7. Construct soil stockpiling area with all fence installed around stockpile as shown on the swppp.
8. Install both storm water pretreatment Downstream Defender water quality structures as shown on the plans.
9. Install all piping, catch basins and drainage manholes associated with project development.
10. Upon completion of piping and basins, provide inlet control protection around all storm water basins.
11. Then provide rip rap as all designated outlets to and from the storm water quality ponds as shown on the plans.
12. Install silt drains and oil / water separator around the concrete pad as shown on the plans.
13. Complete all site grading as shown on the plans and install Item 4 surface for all designated areas.
14. Provide topsoil, seeding and mulching for all disturbed areas which will not be surfaced with Item 4.
15. Remove soil stockpiles.
16. Provide seed and biodegradable netting over the side slopes as shown on the plans.
17. Remove stabilized construction entrance and all check dams once vegetation is established.
18. Install emergency overflow with rip rap as shown on the plans.
19. Clean out all accumulated sediment in the sedimentation ponds.
20. Unplug outlet culverts and install all landscaping associated with the water quality ponds.

**SITE PAVING SCHEDULE**

- a. ALL TEMPORARY WORK SURFACES SHALL BE SURFACED WITH N.Y.S.D.O.T. ITEM 4 PRIOR TO PAVING.
- b. ASPHALT PAVING OF AREAS 1, 2 AND 4 WILL OCCUR WITHIN 90 DAYS OF THE DATE UPON WHICH THE SITE PLAN IS APPROVED, OR IF WEATHER PREVENTS PAVING DURING THIS TIME PERIOD, BY THE NEXT WEATHER PERMITTING PAVING DURING THIS TIME PERIOD, BY THE NEXT ENSUING JULY 15th.
- c. THE REMAINING ASPHALT PAVING WORK AREAS WILL BE PAVED AS DEPICTED ON THE SITE PLAN WITHIN 9 YEARS FOLLOWING THEIR RESPECTIVE COMPLETION, OR IF WEATHER PREVENTS PAVING DURING THIS TIME PERIOD, BY THE NEXT ENSUING JULY 15th.



**LEGEND**

- EXISTING 10 FOOT CONTOUR
- EXISTING 2 FOOT CONTOUR
- ADJOINING PROPERTY LINE
- PARCEL BOUNDARY
- PROPOSED 10' CONTOUR WITH ELEVATION
- PROPOSED 2' CONTOUR WITH ELEVATION
- PROPOSED 1' CONTOUR WITH ELEVATION
- PROPOSED ITEM 4 - FUTURE PAVEMENT

**SUBJECT PROPERTY TAX LOTS:**

PARCEL 1 - TAX LOT 30  
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