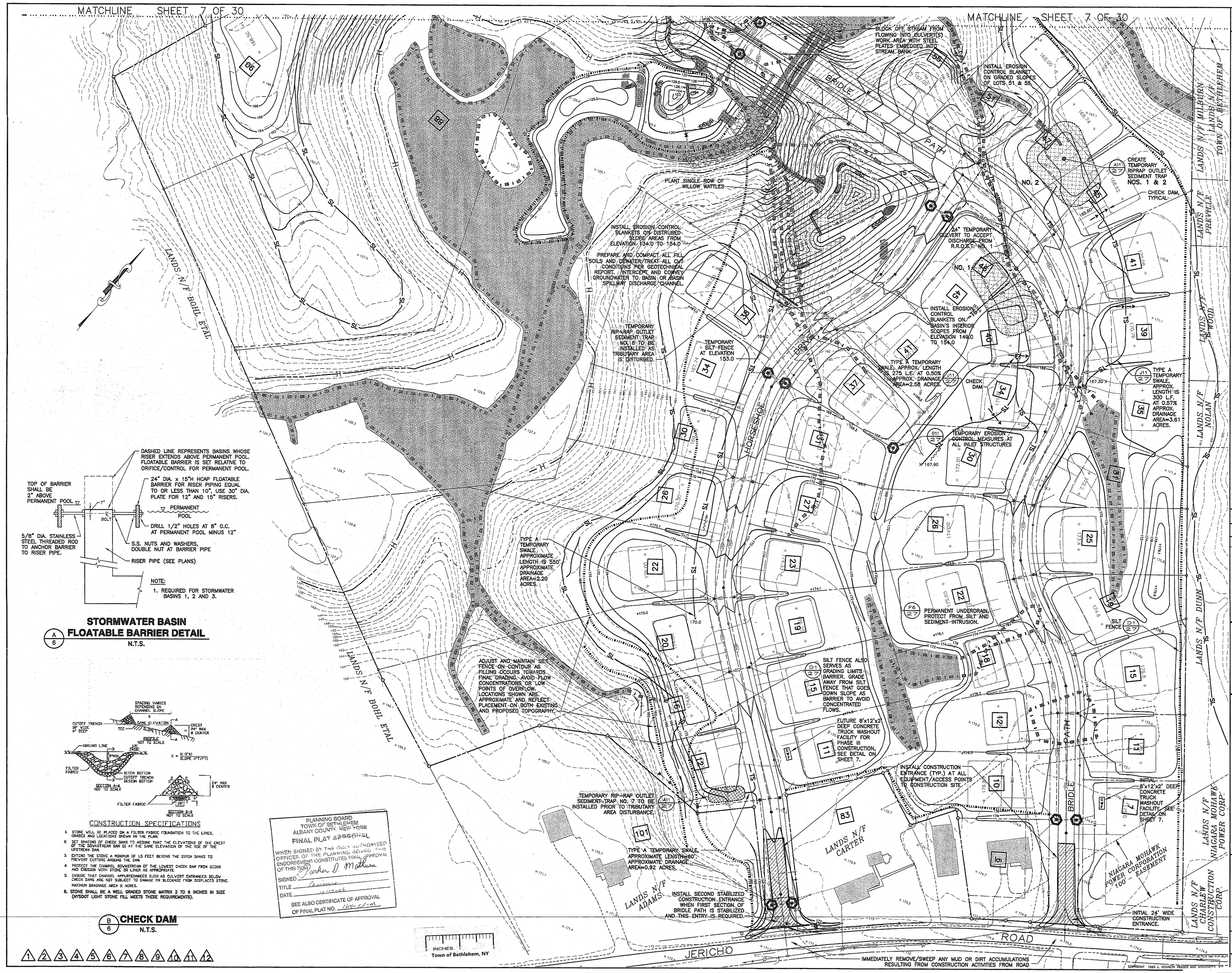

STORMWATER BASIN FLOATABLE BARRIER DETAIL

A/6

N.T.S.

CONSTRUCTION SPECIFICATIONS

1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
2. SET SPACING OF CHECK DAMS TO ASSURE THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
5. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE. MAXIMUM DRAINAGE AREA 2 ACRES.
6. STONE SHALL BE A WELL GRADED STONE MATRIX 2 TO 9 INCHES IN SIZE (NYSDOT LIGHT STONE FILL MEETS THESE REQUIREMENTS).

CHECK DAM

B/6

N.T.S.

PLANNING BOARD
TOWN OF BETHLEHEM
ALBANY COUNTY NEW YORK
FINAL PLAT APPROVAL
WHEN SIGNED BY THE DULY AUTHORIZED OFFICER OF THE PLANNING BOARD, THIS ENDORSEMENT CONSTITUTES FINAL APPROVAL OF THIS PLAT.
SIGNED Parker D. Mathusa
TITLE Chairman
DATE 10-17-06
SEE ALSO CERTIFICATE OF APPROVAL OF FINAL PLAT NO. 104-07-M

1 2 3 4 5 6 7 8 9 10 11 12

GENERAL NOTES

1. THIS PLAN IS PART OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) GENERATED FOR THIS PROJECT. THE PLAN AND SWPPP PROPERLY AND EXPEDITIOUSLY IMPLEMENTED ARE CONSIDERED ADEQUATE TO CONTROL EROSION, SEDIMENTS AND THUS WATER QUALITY. THE ACTUAL QUANTITY, LOCATION AND FUNCTIONALITY OF THE VARIOUS TEMPORARY BEST MANAGEMENT PRACTICES (BMP'S) COULD INCREASE IF CONDITIONS DICTATE. COMPLY WITH ALL SWPPP REQUIREMENTS, NYSDEC AND SWPPP PROFESSIONAL DIRECTIVES, CONSTRUCTION PHASE O & M MANUAL, CONSTRUCTION SEQUENCING PLAN, NYSDEC STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, LOCAL LAWS AND NYSDEC PERMIT NUMBER GP-02-01.
2. EROSION CONTROL BLANKETS SHALL BE THE CURLEX I SYSTEM WITH STAPLES AND 6" ANCHOR TRENCH AT THE TOP OF THE BLANKET COVERAGE, INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
3. INSTALL ALL TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES PRIOR TO STUMP REMOVAL, GRUBBING AND STOCKPILING OF TOPSOIL. SWPPP PROFESSIONAL SHALL REVIEW SWPPP, E & SC PLAN AND INSPECT DEVICES PRIOR TO DISTURBANCE ACTIVITIES. STABILIZE TEMPORARY SWALES WITHIN 7 DAYS OF INSTALLATION.
4. GRADE DISTURBED LANDS, INCLUDING THE R.O.W., TO DRAIN TO THE VARIOUS TEMPORARY SEDIMENT TRAPS VIA THEIR RESPECTIVE TEMPORARY SWALES AND ADDITIONAL STABILIZED DRAINAGE COURSES AS NECESSARY TO ENSURE RUNOFF TREATMENT. INSTALL TEMPORARY SWALES AS DETAILED ON SHEET 27. STABILIZE ANY DRAINAGE COURSES, INCLUDING DISTURBED SOILS ALONG THE CONSTRUCTED R.O.W. THAT SHOW SIGNS OF EROSION TO REDUCE SEDIMENT LOAD TO DOWNSTREAM SYSTEMS.

LEGEND

PROPOSED MANHOLE	PROPOSED INLET WITH FOOTING DRAIN
PROPOSED INLET	PROPOSED MANHOLE WITH FOOTING DRAIN
EROSION CONTROL AT CATCH BASIN	FENCING
WATER VALVE	EASEMENT LINE
FIRE HYDRANT	SETBACK LINE
PROPERTY LINE	STREAM
WATER MAIN	TREE LINE
SANITARY SEWER	CLEARING LIMIT
STORM SEWER	CONTOUR (PRIO)
PROPOSED END SECTION	CONTOUR LINE
SEWER DISTRICT	SPOT ELEVATION
WATER DISTRICT	TREE (DECIDUOUS)
ZONING DISTRICT	LOT NUMBER
LIMIT OF 100 YEAR FLOOD PLAIN	SUBCATCHMENT
15% SLOPE LINE-SEE NOTE 22	PRESERVED FEDERAL WETLANDS
TEMPORARY SWALE	APPROXIMATE LOCATION BUILDING ENVELOPE
SEDIMENT CONTROL DIKE	TEMPORARY RIPRAP OUTLET SEDIMENT TRAP
WILLOW WATTLE	CHECK DAM
DRAINAGE LIMITS	EXISTING WETLAND BOUNDARY
SILT FENCE	
167x5 PROPOSED ELEVATION	
FF0-200.0 PROPOSED FINISHED FLOOR GARAGE	

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REVISIONS

DATE	BY	DESCRIPTION	SYMBOL
6/99	CHJ	FINAL PLAN REVISIONS	1
10/99	CHJ	FINAL PLAN REVISIONS	2
5/00	CHJ	FINAL PLAN REVISIONS	3
12/00	CHJ	FINAL PLAN REVISIONS	4
1/26/01	CHJ	FINAL PLAN REVISIONS	5
10/04	CHJ	FINAL PLAN REVISIONS	6
5/05	CHJ	LOT LINE CHANGES	7
1/06	CHJ	MISCELLANEOUS REVISIONS	8
3/06	CHJ	MISCELLANEOUS REVISIONS	9
4/06	CHJ	MISCELLANEOUS REVISIONS	10
6/06	BDG	REVISED PER DEC COMMENTS	11
8/06	BDG	REVISED PER DEC COMMENTS	12

EDWARD W. BOUTELLE AND SON
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DELMAR, NEW YORK
TEL.(518) 439-9981 FAX.(518) 439-9982
A DIVISION OF J. KENNETH FRASER AND ASSOCIATES, PR. LS, LA, P.C.

FINAL PLAN
AMENDED

CARRIAGE HILL SUBDIVISION

MAP OF LANDS OF

CHARLEW CONSTRUCTION CORP.

RECEIVED
SEP 15 2006
TOWN OF BETHLEHEM COUNTY OF ALBANY
STATE OF NEW YORK

SCALE: 1"=50'

STATE OF NEW YORK · JEFFREY FRASER · 049264 · LICENSED PROFESSIONAL ENGINEER

PROJ. SURVEYOR: CHJ
DRAWN BY: TWK
ASSEMBLED BY: TWK
CHECKED BY: CHJ

PROJECT NO.: 99-020
CAD FILE NAME: 4103-006

SHEET TITLE:
EROSION AND SEDIMENTATION CONTROL PLAN

DATE: MARCH 27, 1998

SHEET 6 OF 31

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