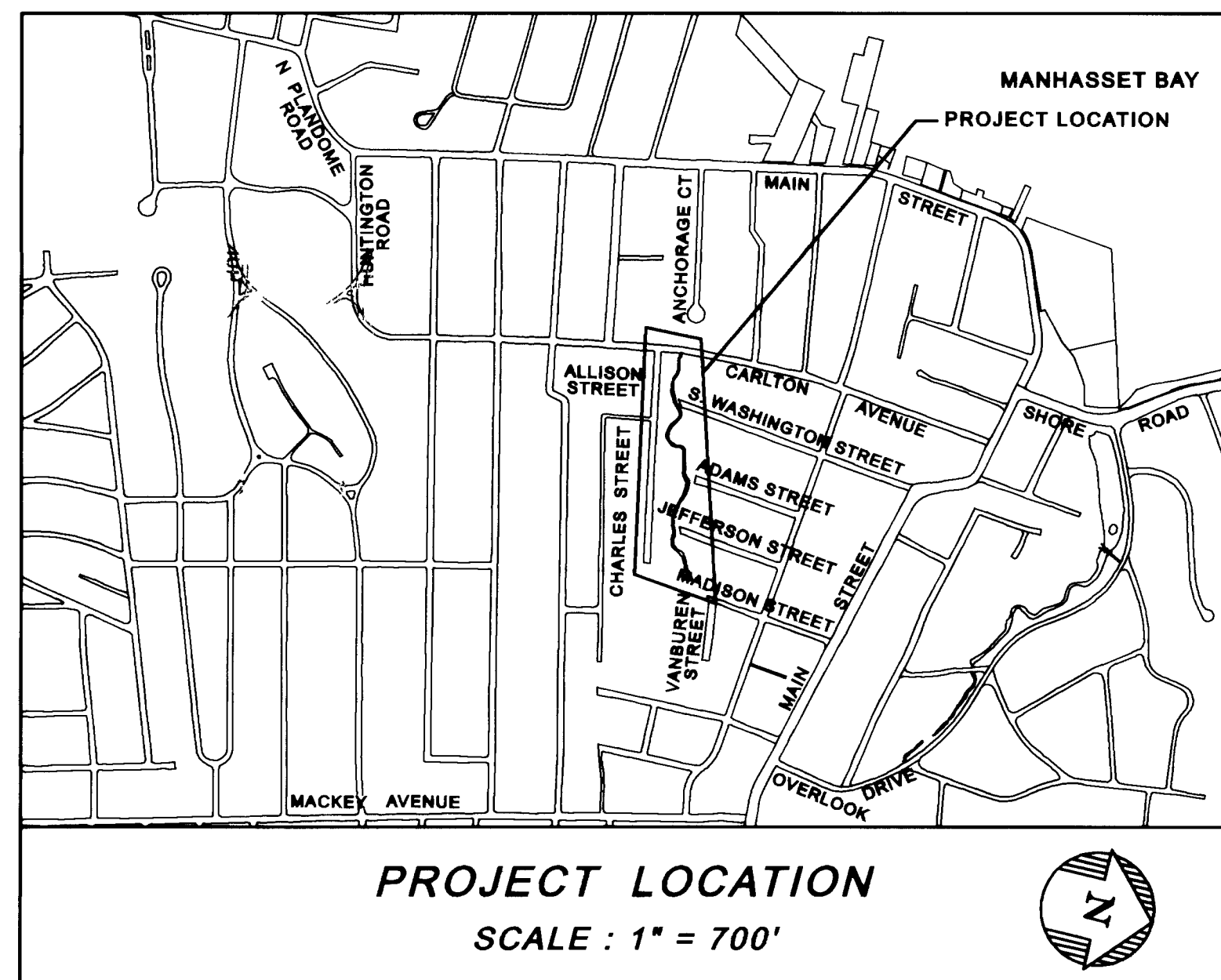


# DEPARTMENT OF PUBLIC WORKS NASSAU COUNTY, NEW YORK

## 2004 ENVIRONMENTAL BOND ACT IMPROVEMENTS AT STANNARDS BROOK PARK PORT WASHINGTON, NY

TOWN OF NORTH HEMPSTEAD  
CONTRACT NO. S9E100029G

NOVEMBER 2009

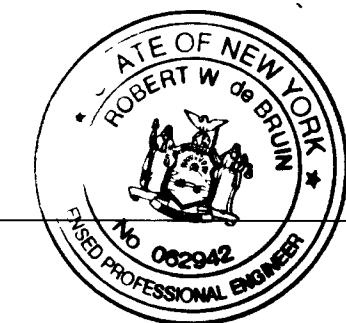


NOTE  
Under N.Y.S. Educational Law Sec. 7209 Sub 2, it is illegal for any person, unless acting under the direction of a licensed Professional Engineer, to alter any item on this material in any way. If any item is so altered, the Professional Engineer who so alters, or who directs another to so alter, shall affix to the items his seal and the notation "altered by" followed by his signature, the date of the alteration and a specific description of the alteration.

PREPARED BY

*R. W. De Bruin*  
ROBERT W. DE BRUIN, P.E. #62942

DE BRUIN ENGINEERING, P.C.  
CIVIL ENGINEERING & CONSTRUCTION MANAGEMENT  
BETHPAGE, NEW YORK



11/17/09  
DATE

RECOMMENDED FOR APPROVAL BY COUNTY OF NASSAU

*Brian J. Schneider*  
BRIAN J. SCHNEIDER  
HYDROGEOLOGIST III

11/17/09  
DATE

*Kenneth G. Arnold*  
KENNETH G. ARNOLD, P.E.  
SANITARY ENGINEER IV

11/18/09  
DATE

*Joseph L. Davenport*  
JOSEPH L. DAVENPORT, P.E.  
CHIEF SANITARY ENGINEER

11/18/09  
DATE

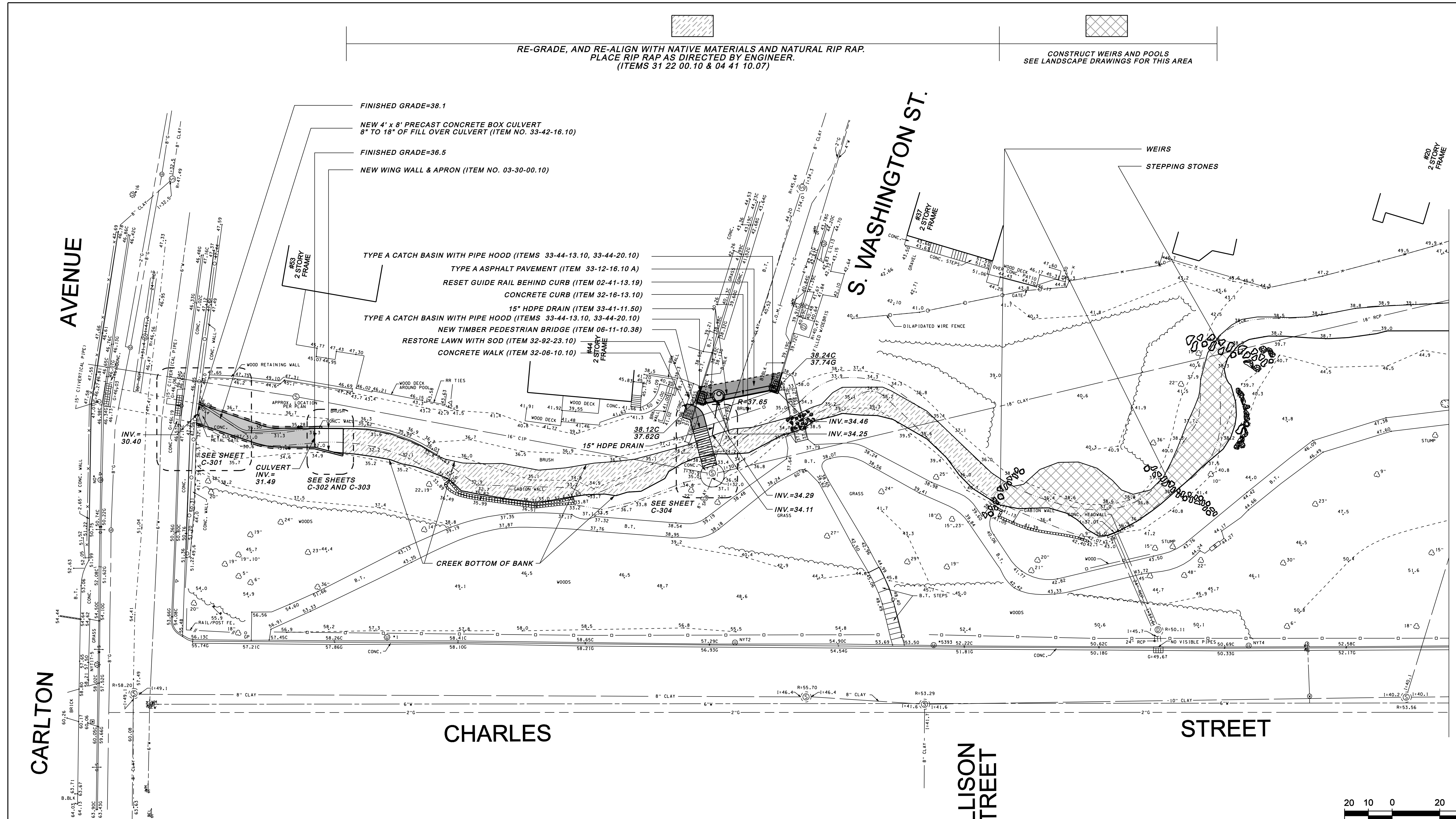
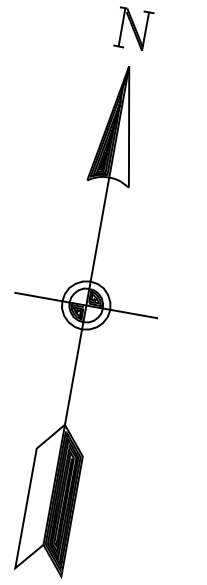
APPROVED BY  
*Raymond A. Ribeiro*  
RAYMOND A. RIBEIRO, P.E.  
COMMISSIONER OF PUBLIC WORKS

11/18/09  
DATE



RE-GRADE, AND RE-ALIGN WITH NATIVE MATERIALS AND NATURAL RIP RAP.  
PLACE RIP RAP AS DIRECTED BY ENGINEER.  
(ITEMS 31 22 00.10 & 04 41 10.07)

CONSTRUCT WEIRS AND POOLS  
SEE LANDSCAPE DRAWINGS FOR THIS AREA



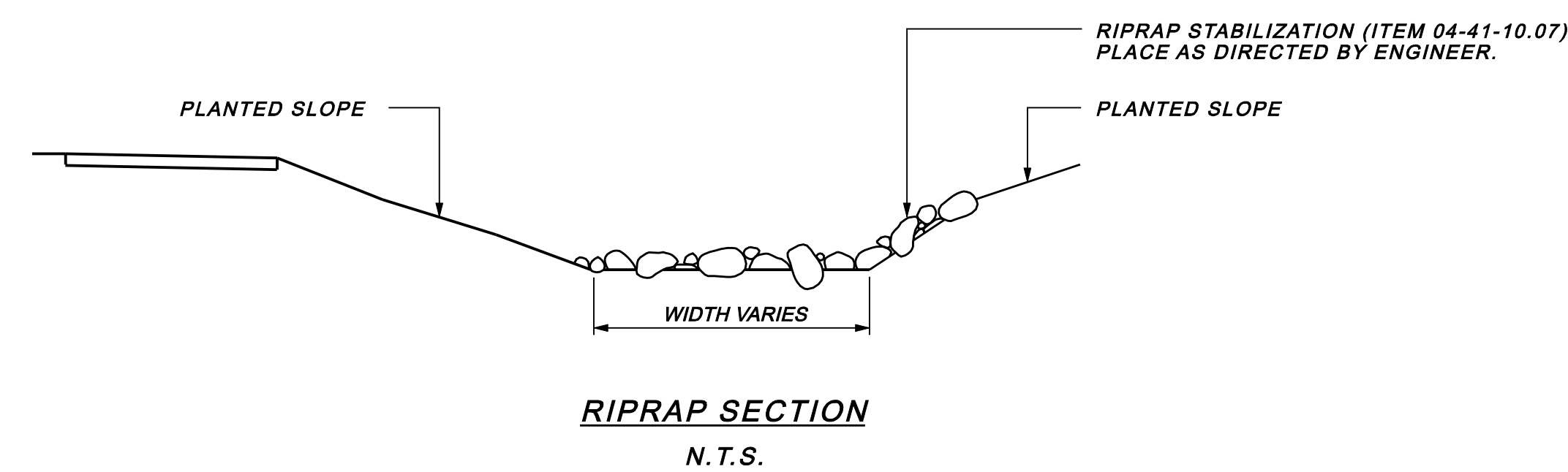
FINISHED GRADE=38.1  
NEW 4' x 8' PRECAST CONCRETE BOX CULVERT  
8" TO 18" OF FILL OVER CULVERT (ITEM NO. 33-42-16.10)  
FINISHED GRADE=36.5  
NEW WING WALL & APRON (ITEM NO. 03-30-00.10)

TYPE A CATCH BASIN WITH PIPE HOOD (ITEMS 33-44-13.10, 33-44-20.10)  
TYPE A ASPHALT PAVEMENT (ITEM 33-12-16.10 A)  
RESET GUIDE RAIL BEHIND CURB (ITEM 02-41-13.19)  
CONCRETE CURB (ITEM 32-16-13.10)  
15" HDPE DRAIN (ITEM 33-41-11.50)  
TYPE A CATCH BASIN WITH PIPE HOOD (ITEMS 33-44-13.10, 33-44-20.10)  
NEW TIMBER PEDESTRIAN BRIDGE (ITEM 06-11-10.38)  
RESTORE LAWN WITH SOD (ITEM 32-92-23.10)  
CONCRETE WALK (ITEM 32-06-10.10)

CREEK BOTTOM OF BANK

CHARLES STREET

STREET



NOTES:  
PROVIDE A TEMPORARY CONSTRUCTION ACCESS FOR HEAVY EQUIPMENT FROM SOUTH WASHINGTON ACROSS THE CREEK.  
CLEAR AREAS WITHIN THE TOP OF BANK LIMITS, EXCEPT FOR MATURE TREES.  
MATURE TREES TO BE REMOVED ONLY AS SHOWN ON LANDSCAPE DRAWINGS.  
REMOVE BROKEN CONCRETE AND ALL OTHER DEBRIS FROM THE STREAM BED.  
RE-GRADE STREAM BED TO PROPOSED PROFILE AND ALIGNMENT USING EXISTING MATERIALS AND SUPPLEMENTING WITH RIVER ROCK. RIVER ROCK TO HAVE NOMINAL DIMENSIONS OF 3" TO 8". GRADE BANKS OF STREAM TO LIMITS INDICATED. SEE PLANTING PLANS FOR RESTORATION.

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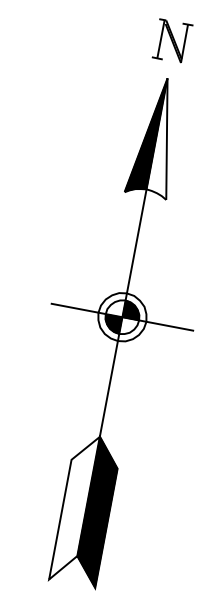
NO.	REVISION DESCRIPTION	DATE
<b>COUNTY OF NASSAU DEPARTMENT OF PUBLIC WORKS</b>		
<b>STANNARDS BROOK PARK IMPROVEMENTS</b>		
PORT WASHINGTON, NY		TOWN OF NORTH HEMPSTEAD
DRAWING TITLE		DRAWING NO.
<b>CREEK CONSTRUCTION PLAN - 1</b>		<b>C-101</b>
CONTRACT NO.	SCALE	DATE
<b>S9E100B</b>	<b>1" = 20'</b>	<b>NOV 2009</b>
SHEET NO.		
<b>5 of 42</b>		

D-10251



RAISE PROFILE OF CREEK WITH FILL AND NATURAL RIP RAP TO COVER SEWER  
(ITEMS 31-22-00.10, 04-41-10.07)

FILL TO TOP OF HEADWALL  
AND SEWER MANHOLE  
(ITEM 31-22-00.10)



ADAMS STREET

JEFFERSON STREET

VANBUREN STREET  
MADISON STREET

- TYPE A CATCH BASIN WITH PIPE HOOD (ITEMS 33-44-13.10, 33-44-20.10)
- CONCRETE CURB (ITEM 32-16-13.10)
- 15" HDPE DRAIN (ITEM 33-41-11.50)
- TIMBER PEDESTRIAN BRIDGE AND OBSERVATION DECK (ITEM 06-11-10.38)
- TYPE A ASPHALT PAVEMENT (ITEM 32-12-16.10)
- TYPE A CATCH BASIN WITH PIPE HOOD (ITEMS 33-44-13.10, 33-44-20.10)

- NEW 6" DIAMETER MANHOLE (ITEM 33-49-13.10)
- NEW 36" RCP DRAIN (ITEM 33-41-11.60)
- CONCRETE HEADWALL AND APRON (ITEM 03-30-00.10)

NO WORK IN THIS SECTION  
EXCEPT FOR DEBRIS REMOVAL  
(ITEM 31-11-11.10)

TYPE A ASPHALT PAVEMENT  
(ITEM 32-12-16.10)

- INV.=56.20
- INV.=56.11
- R=59.55
- 4" DIA. MANHOLE (ITEM 33-49-13.10)
- INV.=55.95
- INV.=56.34

NATURAL RIP RAP - 6" TO 8" NOMINAL SIZE  
(ITEM 04-41-10.07)

TYPE 1 FILL - 4" COVER ON SEWER

EXISTING SEWER

SECTION OVER SEWER  
N.T.S.



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CHARLES STREET

NO.	REVISION DESCRIPTION	DATE
<b>COUNTY OF NASSAU DEPARTMENT OF PUBLIC WORKS</b>		
<b>STANNARDS BROOK PARK IMPROVEMENTS</b>		
PORT WASHINGTON, NY		TOWN OF NORTH HEMPSTEAD
DRAWING TITLE		DRAWING NO.
<b>CREEK CONSTRUCTION PLAN - 2</b>		<b>C-102</b>
CONTRACT NO.	SCALE	DATE
<b>S9E100B</b>	<b>1" = 20'</b>	<b>NOV 2009</b>
SHEET NO.		
<b>6 of 42</b>		