EXISTING RETAINING WALL EXAMPLE
NEW WALL TO MATCH EXISTING WALL IN APPEARANCE.

PROP. END SECT.
INV 183.2

PORTION OF EXIST. STORM PIPE TO BE REMOVED

PROP. 4" HDPE FOOTING DRAIN

PROP. CONC. FOOTING (TYP.)

PROP. CONC. FOOTING (TYP.)

PROP. CONC. FOOTING (TYP.)

PROP. STONE RIPRAP CHANNEL
(LIMITS TO BE DETERMINED IN
FIELD BY ENG'R.)

PROP. RETAINING WALL (SEE
DETAIL); EXIST. WALL & FOOTING TO BE REMOVED

PROP. PAV'T. SAWCUT

EXIST. JERSEY BARRIERS
TO BE RELOCATED AS
DIRECTED FOR LATER
REMOVAL BY VILLAGE

TREE TO BE REMOVED

ASPHALT PAD & STONE MAS.
RETAINING WALL TO BE
REMOVED; AREA TO BE FILLED,
TOPSOILED & SEEDED

PROP. 4" HDPE
FOOTING DRAIN

PROP. CONC. FOOTING (TYP.)

EXIST. WATER MAIN (PER FIELD MARKOUT)
EXIST. SAN. SEWER (PER FIELD MARKOUT)
EXIST. SAN. SEWER (PER PLATE)
EXIST. STORM PIPE
EXIST. CONTOUR LINE
EXIST. SPOT ELEVATION
PROP. TOP OF WALL ELEVATION
PROP. BOTTOM OF WALL ELEVATION
PROP. STORM PIPE
PROP. DETOUR (NOTE TO BE DEFINERED IN
FIELD BY ENG'R.)

EXIST. WATER VALVE
EXIST. FIRE HYDRANT
EXIST. GAS MAIN
EXIST. UTILITY POLE
EXIST. OVERHEAD WIRE(S)
EXIST. PROPERTY LINE

PROP. 17" AGG SIFTER (TYP.)

EXIST. WATER MAIN (PER PLATE)

PROP. SAWCUT

AREA OF REPLACEMENT - (NOTE CENTERLINE TO MATCH EXISTING WALL APPEARANCE)

PROP. CONC. FOOTING (TYP.)

PROP. DMH

LEGEN

EAST PROPERTY LINE
EAST CONTOUR LINE
EAST WATER MAIN
EAST SAN. SEWER
EAST GAS MAIN
EAST UTILITY POLE
EAST OVERHEAD WIRE
EAST PROPERTY LINE
EAST CONTOUR LINE
EAST WATER MAIN
EAST SAN. SEWER
EAST GAS MAIN
EAST UTILITY POLE
EAST OVERHEAD WIRE

EXIST. CONTOUR LINE
EXIST. SPOT ELEVATION
EXIST. WATER MAIN (PER FIELD MARKOUT)
EXIST. SAN. SEWER (PER FIELD MARKOUT)
EXIST. SAN. SEWER (PER PLATE)
EXIST. STORM PIPE
EXIST. CONTOUR LINE
EXIST. SPOT ELEVATION
EXIST. WATER MAIN (PER PLATE)
EXIST. SAN. SEWER (PER FIELD MARKOUT)
EXIST. SAN. SEWER (PER PLATE)
EXIST. STORM PIPE
EXIST. CONTOUR LINE
EXIST. SPOT ELEVATION
EXIST. WATER MAIN (PER PLATE)
EXIST. SAN. SEWER (PER FIELD MARKOUT)
EXIST. SAN. SEWER (PER PLATE)
EXIST. STORM PIPE

PROPOSED CLIFF STREET RETAINING WALL REPLACEMENT
VILLAGE OF HASTINGS-ON-HUDSON, WESTCHESTER COUNTY, NEW YORK

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW. THIS PLAN IS NULL AND VOID FOR CONSTRUCTION PURPOSES WITHOUT THE SIGNATURE AND SEAL OF THE DESIGN ENGINEER.

LOCATION MAP
SCALE: 1" = 500'
SOURCE: WESTCHESTER CO. G.I.S.
CONC. RETAINING WALL

FIN. GRADE

STONE VENEER DEPENDING UPON THE PRESENCE OF ROCK LEDGE.

BOTTOM OF FOOTING ELEVATIONS MAY VARY

NOTE:
SEE DETAIL "FOOTING ANCHORING TO ROCK".

TOP OF WALL ELEV. (TW)

ELEV. 189.62

REFER TO "RETAINING WALL
NOTE:
SECTION" FOR ADDITIONAL DETAILS.

CONC. FOOTING

1'-9" MIN.

BENTONITE ROPE

HEIGHT VARIES (4'-0" MAX.)

2" x 4" KEYWAY

3'-6" MIN.

1'-6"

WALL ELEV. (BW)

FACING OUT, TYP.)

(SLOPE TO DRAIN)

WEATHERED SIDE

HOLES @ 5' O.C.

MORTAR COPING

1'-3"

2'-0"

STONE VENEER

#4 @ 12" CONT.

3" PVC WEEP
(REUSE EXIST.
BOTTOM OF)

#5 @ 18" O.C.

POSSIBLE,
#5 "U" @
12" O.C.

1'-0"

21'-8"

HIT-HY 200

DRILLED & EPOXY

#8 @ 18" O.C.,
1'-3"

4" PERF. HDPE TUBING

#4 @ 12" CONT. (TYP.)

#5 @ 18" O.C.

3'-0"

4"

4" SPLICE

N.T.S.

CONC. RETAINING WALL

3/4" GRAVEL

3/4" GRAVEL

MORTAR & CONC. PAVERS

2.5" MIN., 6" MAX.)

OF FACE OF WALL

CASTING ADJUSTMENT W/
6" SOLID CONC. BLOCK
6" PRECAST CONC. OR
CAMPBELL #3408 OR APPROVED EQUAL

NO CURB INLET, PHASE II TYPE,
CATCH BASIN RIM SHALL BE SET AT AN ELEVATION 1/4" BELOW  THE
& INVERT ELEVATIONS

6" SELECT GRANULAR

FRAME & GRATE,
CATCH BASIN
OPENING
12" x 12"

SECTION
N.T.S.

FINISHED GRADE

ROADWAY
EDGE OF PAV'T.

ROADWAY PAVEMENT

SECTION A-A

A

SECTION B-B

A

SECTION B-B

A

6" MIN.

12" MIN.

12" MIN.

12" MIN.

6" MIN.

6" MIN.

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