

LEGEND:

WF = WET FLAG
W/ = WITH
HP= HANDICAP PARKING
N/F=NOW OR FORMERLY
BVW= BORDERING VEGETATED WETLAND
S.F.=SQUARE FEET
FF = FINISH FLOOR
ECB=EROSION CONTROL
ETW = EDGE OF TRAVEL WAY
EOP = EDGE OF PAVEMENT
NTS = NOT TO SCALE
FGX540 = FINISH GRADE (SPOT SHOT)
FG = FINISH GRADE
PROP = PROPOSED
EXIST = EXISTING
TOW = TOP OF WALL
BOW = BOTTOM OF WALL

REFERENCES:

PLAN BOOK 5, PLAN 8
CHAPTER 380, ACTS OF 1966

WETLAND REPLICATION AREA

OVER 500 SF OF WETLAND VEGETATION WILL BE CREATED ALONG THIS LOCATION TO COUNTER-ACT THE 13' WIDE INTERMITTANT FLOW PATH THE 7' WIDE BRIDGE CROSSING WILL REQUIRE.

THIS REQUIRED AREA WILL NOT BLOCK ANY FLOW SINCE THE BRIDGE IS DESIGNED TO BE SECURED TO A WING WALL (CONCRETE POURED WALLS) ON EITHER SIDE OF THE INTERMITTANT FLOW PATH.

THE EARTH IN THIS AREA IS TO BE HAND SHOVELED A MINIMUM 1 FOOT DEEP IN ORDER TO ALLOW THE WETLAND TO EXPAND INTO THIS SHOVELED OUT AREA.

A WETLAND SEED MIX IS BEING PROPOSED FOR THE REPLICATION AREA. THE SPECIES FOR THE SEED MIX WOULD BE FOX SEDGE, BLUE VERVAIN, BLUEFLAG, GREEN BULRUSH, AND SWAMP ASTER.

THESE SEEDS CAN BE SOWN BY HAND WITH A HAND HELD SPREADER. LIGHTLY RAKE TO ENSURE A GOOD SEED CONTACT. A LIGHT MULCH OF WEED FREE STRAW IS RECOMMENDED AS COVER.

EXISTING TRAIL TO BE REROUTED. NATURAL VEGETATION TO RETURN.

PROPOSED 5' WIDE WALKWAY
SLOPE (0.033); 1' OVER 30'

PROPOSED 5' WIDE WALKWAY
SLOPE=.05
1' OVER 20'

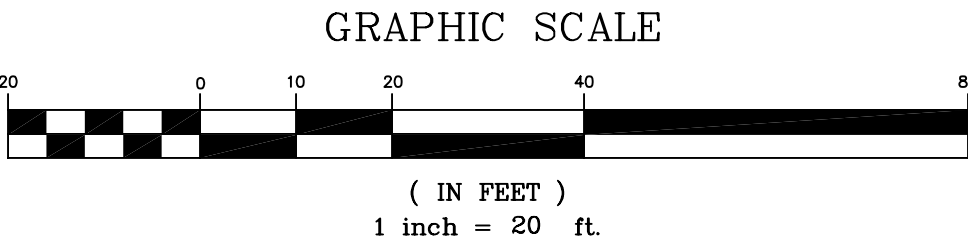
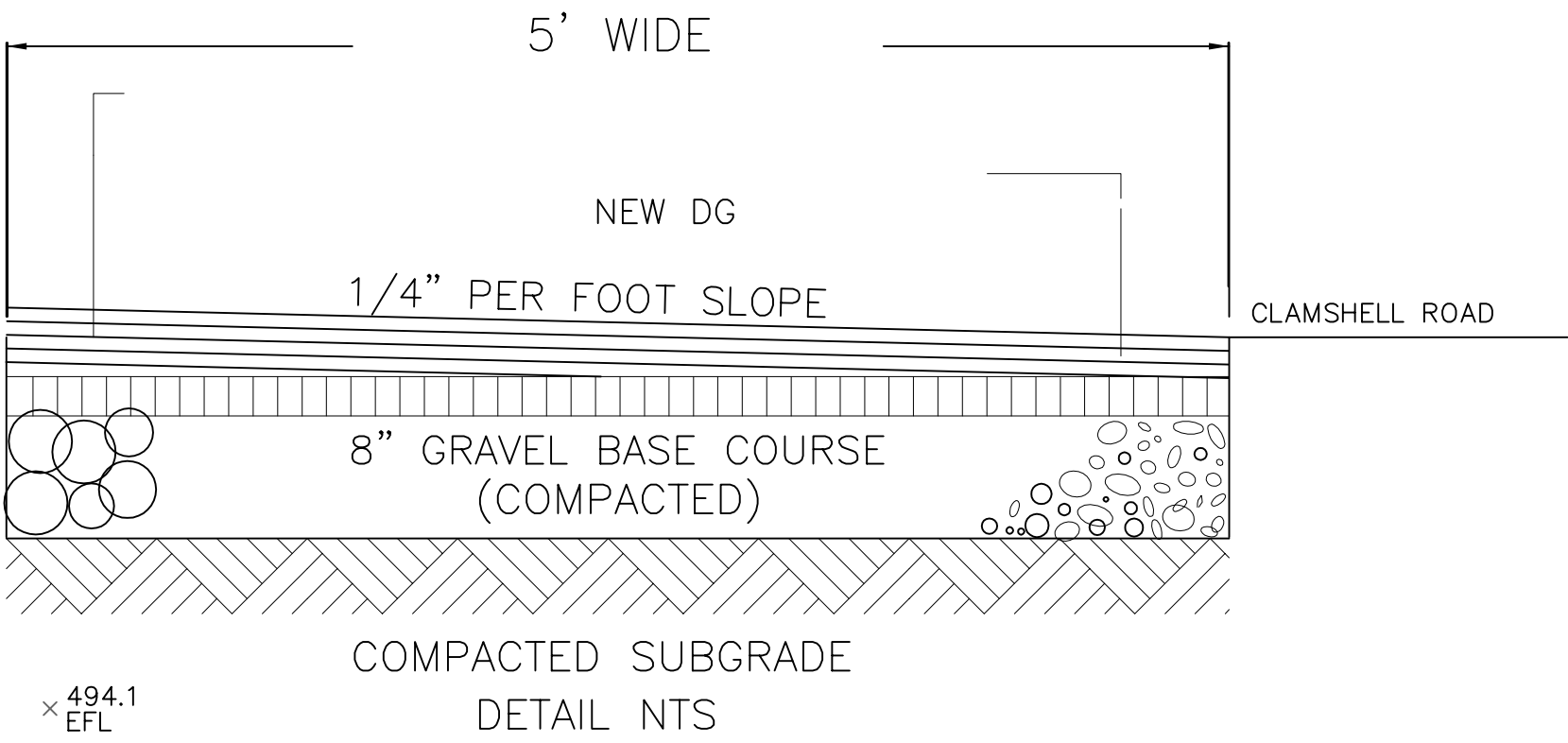
PROPOSED STRAW WATTLE
W/ SILT FENCING

PROPOSED (1'W x 6'L)
CONCRETE FOOTING
TOP FOOTING EL= 496.4'
BRIDGE DECK EL= 497'

PROPOSED 3' HIGH, INSIDE CLEARANCE FOR THE PROPOSED
SPRING TIME RUNOFF PEDESTRIAN BRIDGE.
THE PEDESTRIAN BRIDGE WILL BE 16' LONG BUT ONLY COVER
A 12' WIDE SECTION OF THE SWALE CHANNEL.
THIS BRIDGE WILL BE HANDICAP ACCESSIBLE.
THE CENTER DECK EL = 496.8'

CLAMSHELL POND

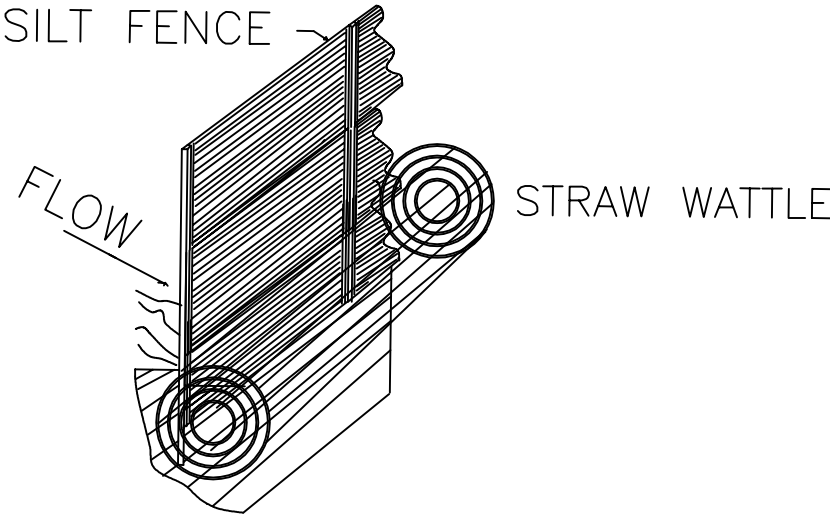
PROPOSED 5' WIDE SIDEWALK
CROSS SECTION



GENERAL NOTES:

1. THE WETLANDS WERE DEMARCATED BY DAVID COWELL, PWS
2. ALL PROPOSED DESIGN AND CONSTRUCTION IS TO BE HANDICAP ACCESSIBLE.
3. ALL PROPOSED WALKWAYS ARE TO BE A MINIMUM OF 5' IN WIDTH.
4. ALL PROPOSED WALKWAYS OR SIDEWALKS ARE TO HAVE A MAX SLOPE OF 5%.
5. TWO OF THE PROPOSED PARKING SPACES ARE DESIGNED FOR HANDICAP VANS.

EROSION CONTROL BARRIERS
WITH STRAW WATTLE

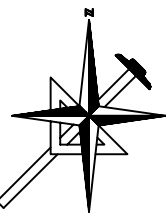


EROSION CONTROL & SEDIMENTATION PLAN

- 1) Straw wattle with silt fencing shall be installed as shown on the plan prior to any construction. Hay bales may be substituted with prior written approval from the Design Engineer.
- 2) All stockpiled soil shall be covered when not in use in order to prevent soil erosion/washout.
- 3) Work shall be done in such a fashion so as to minimize the area of disturbance and severity of risk of erosion, in particular during rain events. Clear only areas that will be immediately worked on.
- 4) Disturbed areas shall be re-seeded as soon as practical.
- 5) During the construction period, all equipment must be stored over 100' from the flagged resource (bvwl) line

PROPOSED HANDICAP ACCESS PLAN
CLAMSHELL ROAD
CLINTON, MA

PREPARED FOR: TOWN OF CLINTON
CONSERVATION COMMISSION
242 CHURCH ST
CLINTON, MA



D. J. & ASSOCIATES
7 CEDAR STREET
CLINTON, MA 01510

REV 5- WETLAND SEED MIX NOTE DATE 12/13/21
REV 4-ADD SPACES, FLOOD SURGE STORAGE DATE 8/24/21
REV 3 - UPDATE THE PLAN DATE 12/09/20
REV 2- WETFLAGS BA 100-BA 107 DATE 10/12/20
DATE: JUNE 30, 2020 SCALE 1" = 20'

MICHAEL BURKE P.E. # 23374 DATE: