16 - ENVIRONMENTAL
INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
ENV-01	ENVIRONMENTAL INDEX OF DRAWINGS		
ENV-02, ENV-03	ENVIRONMENTAL PLAN		
ENV-04	WASTE STOCKPILE AREA (WSA) DETAILS		

DESIGNED BY:
CDR MAGUIRE INC.

David R. Stock
2014.06.13
11:03:37-04'00'

REV.	DATE	DESCRIPTION	SHEET NO.
		REVISIONS	

FILENAME:

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER: MJB

CHECKED BY: DRS

SCALE: AS NOTED

ARCHITECT: WENDEL ARCHITECTURE

ENGINEERS: ReSTL DESIGNERS, CLOUGH HARBOUR ASSOC., AI ENGINEERS, WENDEL ENGINEERING
ENVIRONMENTAL ENGINEER: CDR MAGUIRE

APPROVED BY:

DATE:

PROJECT TITLE:
WATERBURY BUS MAINTENANCE FACILITY REPLACEMENT

ADDRESS:
FROST BRIDGE ROAD
WATERTOWN, CONNECTICUT 06787

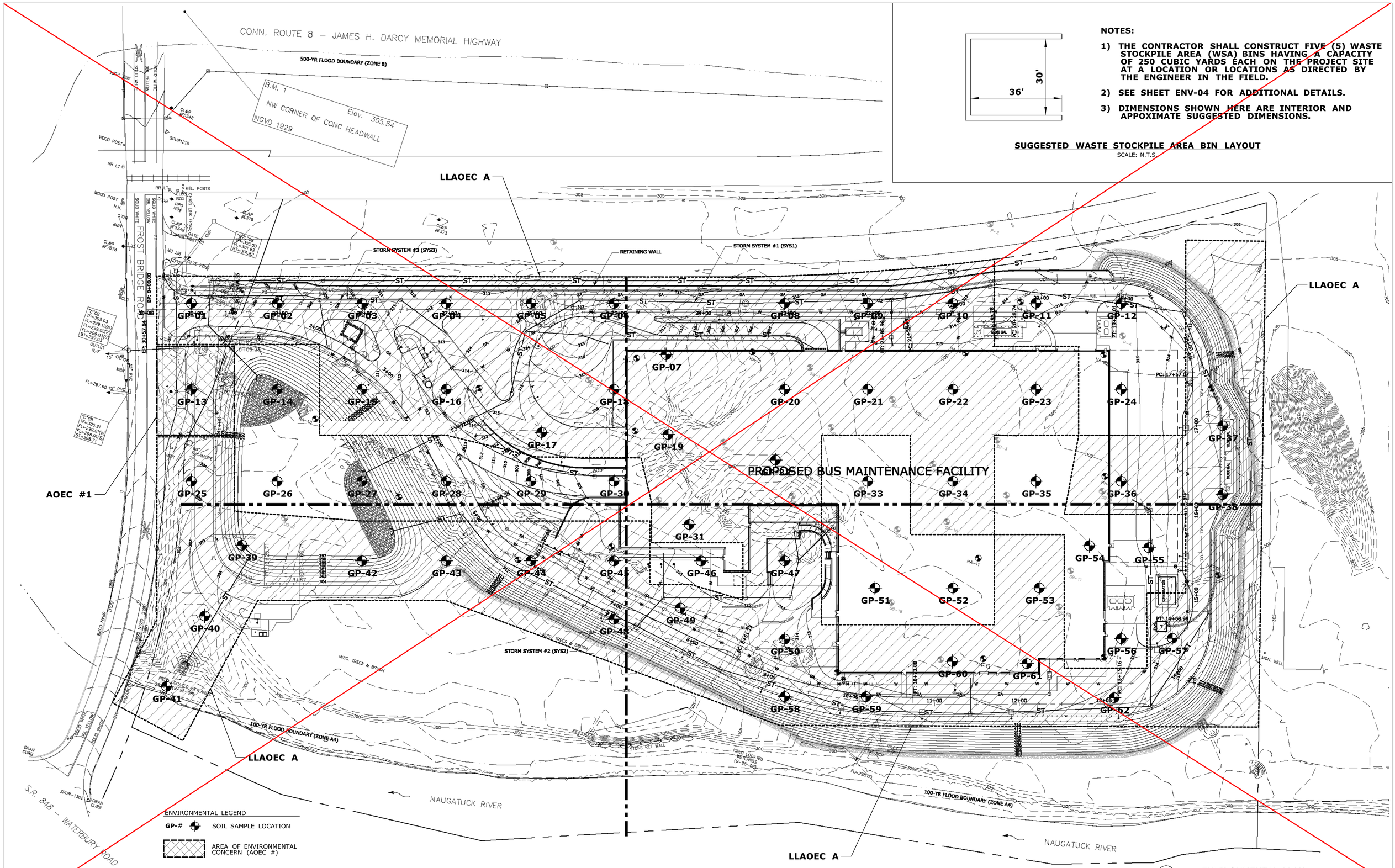
DRAWING TITLE:
ENVIRONMENTAL INDEX OF DRAWINGS

PROJECT NO. 431-006

DRAWING NO. ENV-01

SHEET NO. 16.01

Connecticut Department of Transportation
QA/QC Format Check



SUGGESTED WASTE STOCKPILE AREA BIN LAYOUT
SCALE: N.T.S.

NOTES:

1) THE CONTRACTOR SHALL CONSTRUCT FIVE (5) WASTE STOCKPILE AREA (WSA) BINS HAVING A CAPACITY OF 250 CUBIC YARDS EACH ON THE PROJECT SITE AT A LOCATION OR LOCATIONS AS DIRECTED BY THE ENGINEER IN THE FIELD.
2) SEE SHEET ENV-04 FOR ADDITIONAL DETAILS.
3) DIMENSIONS SHOWN HERE ARE INTERIOR AND APPOXIMATE SUGGESTED DIMENSIONS.

1 ENVIRONMENTAL PLAN

THIS SHEET REPLACED BY ADDENDUM NO. 01

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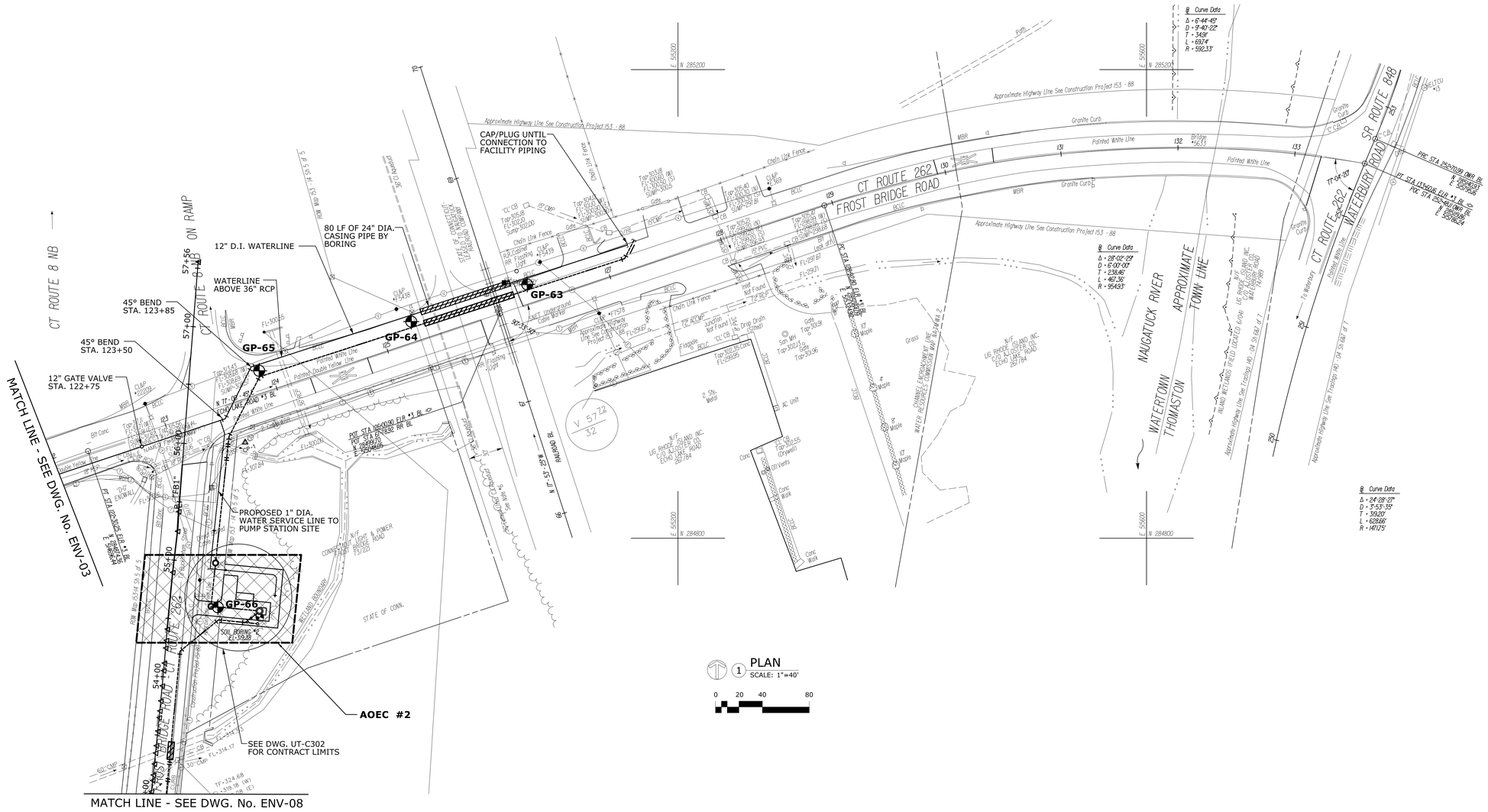
ENVIRONMENTAL ENGINEER: CDR MAGUIRE
DATE:

PROJECT TITLE: WATERBURY BUS MAINTENANCE FACILITY REPLACEMENT

ADDRESS: FROST BRIDGE ROAD, WATERTOWN, CONNECTICUT 06787

DRAWING TITLE: BUS MAINTENANCE FACILITY ENVIRONMENTAL PLAN

PROJECT NO. 431-006
DRAWING NO. ENV-02
SHEET NO. 16.02



ENVIRONMENTAL LEGEND

GP-# SOIL SAMPLE LOCATION

AREA OF ENVIRONMENTAL CONCERN (AOEC #)

LOW LEVEL AREA OF ENVIRONMENTAL CONCERN (LLAOEC #)

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ENGINEERS: ReSTL DESIGNERS, CLOUGH HARBOUR ASSOC., AI ENGINEERS, WENDEL ENGINEERING
ENVIRONMENTAL ENGINEER: CDR MAGUIRE

DATE:

STATE OF CONNECTICUT
DAVID R. FRANCIS
No. 31198
LICENSED PROFESSIONAL ENGINEER

PROJECT TITLE:

WATERBURY BUS MAINTENANCE FACILITY REPLACEMENT

ADDRESS: FROST BRIDGE ROAD
WATERTOWN, CONNECTICUT 06787

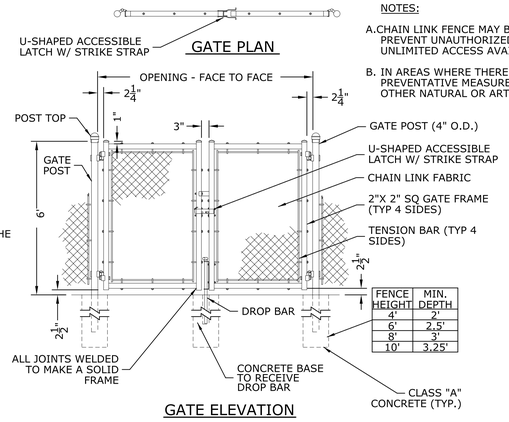
DRAWING TITLE:

WATERMAIN AND FORCEMAIN SEWER ENVIRONMENTAL PLAN

PROJECT NO. 431-006

DRAWING NO. ENV-03

SHEET NO. 16.03



FENCE HEIGHT	MIN. DEPTH
4'	2'
6'	2.5'
8'	3'
10'	3.25'

NOTES:

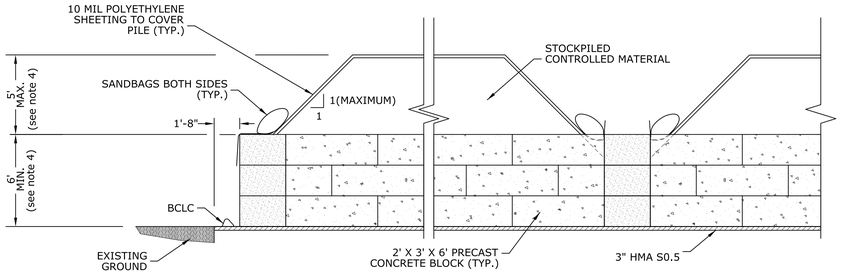
A. CHAIN LINK FENCE MAY BE UTILIZED IN RESIDENTIAL NEIGHBORHOODS TO PREVENT UNAUTHORIZED ENTRY ONTO STOCKPILES WHERE THERE IS UNLIMITED ACCESS AVAILABLE TO PEDESTRIANS AND/OR TRAFFIC.

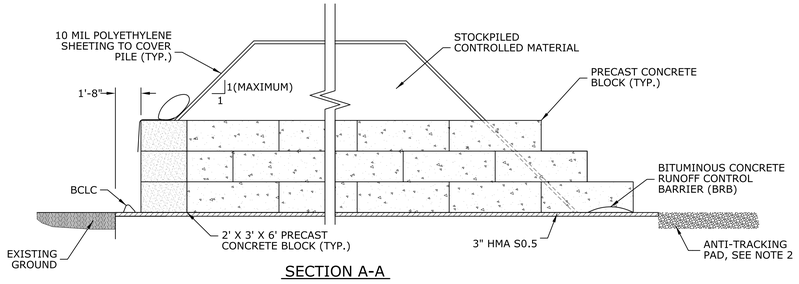
B. IN AREAS WHERE THERE IS LIMITED ACCESS, OTHER APPROPRIATE PREVENTATIVE MEASURES MAY BE ACCOMPLISHED THROUGH THE USE OF OTHER NATURAL OR ARTIFICIAL BARRIERS.

NOTE:

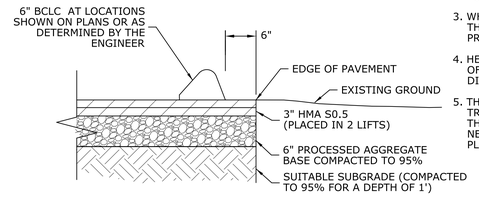
GATES SHOULD HAVE THE ABILITY TO SWING 180 DEGREES.

1 TYPICAL DOUBLE SWING GATES





2 WASTE STOCKPILE AREA DETAIL



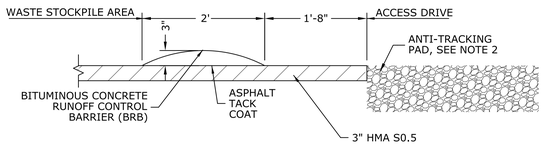
NOTE:

IF THE WSA IS TO BE LOCATED ON EXISTING PAVEMENT SUCH AS ROADWAY AND OR PARKING LOT A COMPOSITE PAVEMENT STRUCTURE WILL NOT BE REQUIRED.

3 COMPOSITE PAVEMENT STRUCTURE DETAIL

GENERAL NOTES:

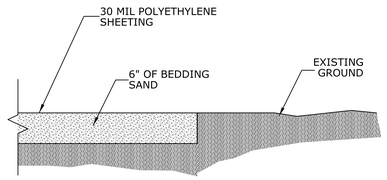
1. WSA INSTALLATION AND ALL REQUIRED MATERIALS ARE AS INDICATED ON THE WSA PLAN.
2. ANTI-TRACKING PAD SHALL BE INSTALLED AS SHOWN ON THE WSA PLAN AND IN ACCORDANCE WITH "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, 2002-SECTION 5-12."
3. WHERE FEASIBLE, A MINIMUM DISTANCE OF 5' IMMEDIATELY OUTSIDE THE PERIMETER OF THE WSA CONCRETE BLOCK WALLS SHALL REMAIN CLEAR AND FREE OF ANY OBJECT TO PROVIDE ACCESS FOR MAINTENANCE.
4. HEIGHT OF THE CONCRETE BLOCKS, STOCKPILED CONTROLLED MATERIAL AND CONFIGURATION OF THE BIN(S) MAY VARY BASED ON THE SIZE AS INDICATED ON THE WSA PLAN OR AS DIRECTED BY THE ENGINEER.
5. THE WSA SURFACE SHALL BE SUFFICIENTLY IMPERVIOUS TO PREVENT OR MINIMIZE THE TRANSFER OR INFILTRATION OF CONTAMINANTS FROM THE STOCKPILES TO THE GROUND. THE WSA SURFACE WILL VARY BASED ON PROJECT SPECIFICS AND MAY BE CONSTRUCTED ON NEW OR EXISTING PAVEMENT, BEDDING SAND, OR OTHER MATERIAL AS SHOWN ON THE WSA PLAN OR THE AREAS OF ENVIRONMENTAL CONCERN PLAN(S).



NOTE:

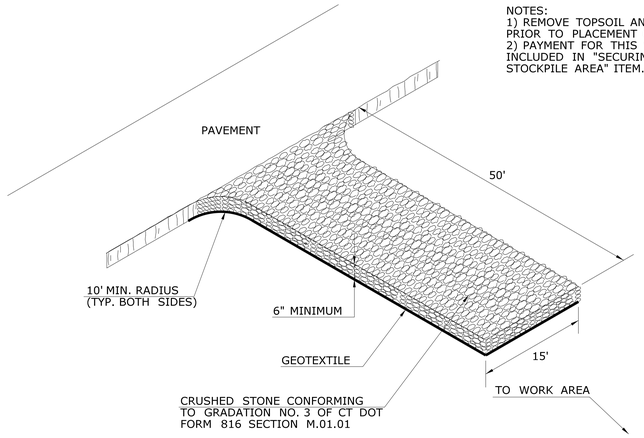
INSTALLATION OF BRB SHALL BE ON PAVEMENT ONLY AND IS BASED ON FIELD CONDITIONS OR AS DETERMINED BY THE ENGINEER.

4 BITUMINOUS CONCRETE RUNOFF CONTROL BARRIER (BRB) DETAIL



5 BEDDING SAND OVER EXISTING GROUND DETAIL

NOTES:
1) REMOVE TOPSOIL AND ORGANICS PRIOR TO PLACEMENT OF GEOTEXTILE
2) PAYMENT FOR THIS WORK SHALL BE INCLUDED IN "SECURING...WASTE STOCKPILE AREA" ITEM.



CONSTRUCTION ENTRANCE ANTI-TRACKING PAD

NOT TO SCALE

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DATE:

STATE OF CONNECTICUT DAVID R. S. CRAIG No. 31198 LICENSED PROFESSIONAL ENGINEER

PROJECT TITLE: WATERBURY BUS MAINTENANCE FACILITY REPLACEMENT

ADDRESS: FROST BRIDGE ROAD WATERTOWN, CONNECTICUT 06787

DRAWING TITLE: WASTE STOCKPILE AREA (WSA) DETAILS

PROJECT NO. 431-006

DRAWING NO. ENV-04

SHEET NO. 16.04