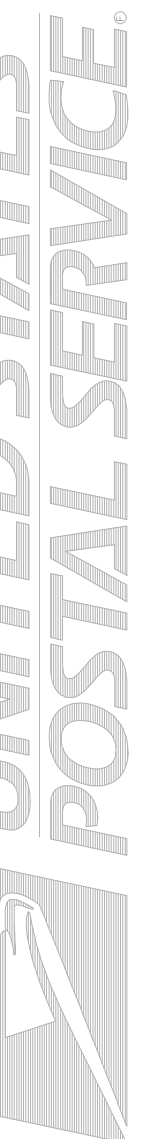


This document has not been reviewed by the stamping party. Therefore, the stamping party makes no representation(s) with respect to its contents, and shall not be liable for such. Any reliance on this stamp shall be at the relying party(ies)'s own risk and hereby waives any and all claim(s) related to the existence of the stamp or otherwise.

NOT FOR
CONSTRUCTION

PROJECT MANAGER	XCORDER
DL	JC
DWG NO.	2022359.04

USPS - MID-HUDSON, NY
33 GUYMON DRIVE
NEWBURGH, NY 12550



Revisions: 100% OWNER RE-REVIEW

Date: 02/23/2023

Scale: NTS
Project: USPS - MID-HUDSON, NY
USPS File Number: 365306-030

SITE DETAILS

C-504.2

LID & FRAME SUPPLIED BY ADS FOR LOADS NOT TO EXCEED HL-93;
SEE STD-414 FOR FURTHER DETAILS OF FRAME & COVER.
ALTERNATE LID & FRAME BY OTHERS AS ALLOWED PER DESIGN
ENGINEER. FRAME TO BE SUPPORTED BY CONCRETE COLLAR.

MIN. AS SPECIFIED
BY OTHERS, BUT
NOT LESS THAN
18" (450mm)

ASPHALT OR TURF

INTEGRATED INTERNAL
WEIR

30" FRAME AND COVER

CONCRETE SLAB DIMENSIONS ARE FOR GUIDELINE PURPOSES ONLY.
ACTUAL CONCRETE SLAB MUST BE DESIGNED TAKING INTO
CONSIDERATION LOCAL SOIL CONDITIONS, TRAFFIC LOADING, & OTHER
APPLICABLE DESIGN FACTORS.

MIN. AS SPECIFIED
BY OTHERS, BUT NOT
LESS THAN 8" (200mm)

OUTLET

INLET

BOWL

DEFLECTOR PLATE

BARRACUDA MAX BOWL
INSERT

FIN ARRAY
(TYP 4 PLACES)

6" (MIN) DESIGN BY SITE ENGINEER
PER LOADING AND SOIL CONDITIONS

CLASS I BACKFILL & BEDDING PER ASTM D2321,
MATERIAL SHALL BE WELL PLACED UNIFORMLY
AROUND STRUCTURE AND INLET CONNECTIONS
AND COMPACTED IN 8" MAX LIFTS AT LEAST 18"
FROM OUTSIDE OF STRUCTURE.

FLOOR

FLAT TOP SECTION VIEW - A
NTS

ASPHALT OVERLAY

CONCRETE COLLAR SHALL SUPPORT
DUCTILE IRON REDUCING TOP WHEN
ASPHALT OVERLAY IS USED

INTEGRATED INTERNAL
WEIR

12" MIN FABRICATED PP
INLET STUB
(12" MIN FABRICATED PP
OUTLET STUB NOT
SHOWN FOR CLARITY)

BOWL

DEFLECTOR PLATE

BARRACUDA MAX BOWL
INSERT

FIN ARRAY
(TYP 4 PLACES)

36" MIN

85" MIN

FLOOR

FLAT TOP SECTION VIEW - B
NTS

ADVANCED DRAINAGE SYSTEMS, INC. ("ADS") HAS PREPARED THIS DETAIL BASED ON INFORMATION PROVIDED TO ADS. THIS DRAWING IS INTENDED TO DEPICT THE COMPONENTS AS REQUESTED. ADS HAS NOT PERFORMED ANY ENGINEERING OR DESIGN SERVICES FOR THIS PROJECT, NOR HAS ADS INDEPENDENTLY VERIFIED THE INFORMATION SUPPLIED. THE INSTALLATION DETAILS PROVIDED HEREIN ARE GENERAL RECOMMENDATIONS AND ARE NOT SPECIFIC FOR THIS PROJECT. THE DESIGN ENGINEER SHALL REVIEW THESE DETAILS PRIOR TO CONSTRUCTION. IT IS THE DESIGN ENGINEERS RESPONSIBILITY TO ENSURE THE DETAILS PROVIDED HEREIN MEETS OR EXCEEDS THE APPLICABLE NATIONAL, STATE, OR LOCAL REQUIREMENTS AND TO ENSURE THAT THE DETAILS PROVIDED HEREIN ARE ACCEPTABLE FOR THIS PROJECT.

STANDARD DETAIL
BARRACUDA MAX
FLAT TOP INSTALLATION

DRAWING NUMBER STD-520



4640 TRUEMAN BLVD
HILLIARD, OH 43026

DRAWN BY:	NMH
DATE:	9/13/22
OK'D BY:	
SCALE:	NTS
SHEET:	1 OF 1