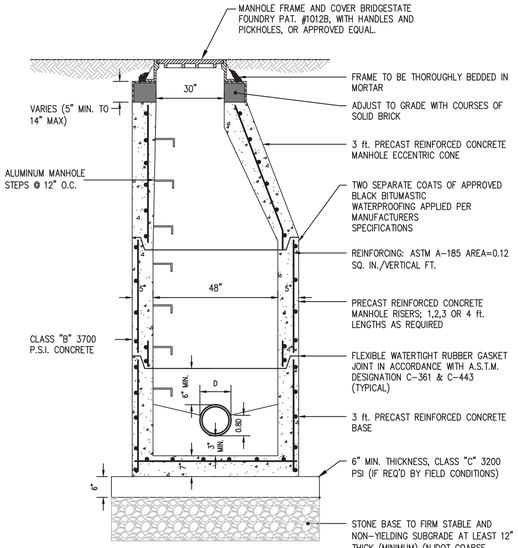


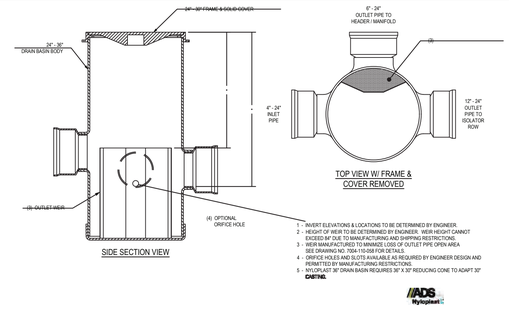
NOTES:

1. ALL MANHOLES SHALL BE CONSTRUCTED WATERTIGHT.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTING ADEQUATE BALLAST TO OFFSET FLOATATION FORCES ACTING ON MANHOLES CONSTRUCTED IN WET AREAS.

STORM SEWER MANHOLE DETAIL

N.T.S.

BASIN	RIM	INV OUT	PIPE OUT	WEIR/ ORIFICE #1 ELEV.	WEIR/ ORIFICE #2 SIZE	WEIR/ ORIFICE #2 ELEV.	WEIR/ ORIFICE #2 SIZE	WEIR/ ORIFICE #3 ELEV.	WEIR/ ORIFICE #3 SIZE
5	6.90	1.54	15" HDPE	2.12	1.25" ORIFICE	4.75	2.5" ORIFICE	5.50	12"X3" WEIR
6	6.85	2.23	15" HDPE	3.49	24" X 3" WEIR	5.00	24"X3" WEIR	N/A	N/A

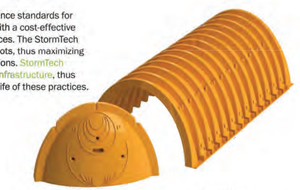


BASINS 5 & 6 OUTLET STRUCTURE DETAILS

N.T.S.

STORMTECH SC-740 CHAMBER

Designed to meet the most stringent industry performance standards for superior structural integrity while providing designers with a cost-effective method to save valuable land and protect water resources. The StormTech system is designed primarily to be used under parking lots, thus maximizing land usage for private (commercial) and public applications. StormTech chambers can also be used in conjunction with Green Infrastructure, thus enhancing the performance and extending the service life of these practices.



STORMTECH SC-740 CHAMBER
(not to scale)

Nominal Chamber Specifications

Size (L x W x H)
85.4" x 51" x 30"
2,170 mm x 1,295 mm x 762 mm

Chamber Storage
45.9 ft³ (1.30 m³)

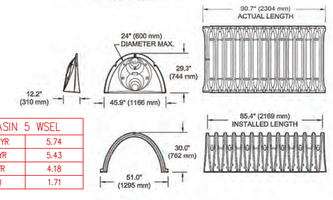
Min. Installed Storage*
74.9 ft³ (2.12 m³)

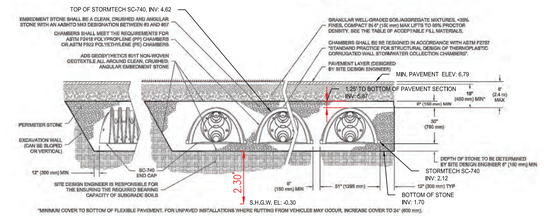
Weight
74.0 lbs (33.6 kg)

Shipping
30 chambers/pallet
60 end caps/pallet
12 pallets/truck

***Assumes 6" (150 mm) stone above, below and between chambers and 40% stone porosity.**

BASIN 5 WSEL	
100 YR	5.74
10 YR	5.43
2 YR	4.18
WQ	1.71





BASIN 5 UNDERGROUND STORAGE (ADS STORMTECH 740)

N.T.S.

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2. THESE PLANS ARE NOT FOR CONSTRUCTION UNTIL "ISSUED FOR CONSTRUCTION" APPEARS IN THE TITLEBLOCK.

Know what's below. Call before you dig.

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www.sciulloengineering.com
NJ CERTIFICATE OF AUTHORIZATION NO. 24GA28290700

Wendy's
BLOCK 330, LOTS 3-6, 24-29
ATLANTIC CITY, ATLANTIC COUNTY, NEW JERSEY 08401

STORMWATER DETAILS

YUM & CHILL
163 WASHINGTON VALLEY ROAD, SUITE 104
WARREN, NJ 07059

DATE	ISSUE NO.	SUBMISSION/REVISION	BY	APPR.
01/29/2026	1	INITIAL RELEASE	LAT	JTS

PROJECT NO. Y&C 001.01
SCALE AS SHOWN
SHEET 15 OF 18
DRAWING NO. C1107

CREATED: ON 12/15/2025, LAST MODIFIED: ON 12/24/2025
G:\USERS\LATASHA\ONEDRIVE - SCIULLO ENGINEERING SERVICES, LLC\TUJUGA TAYLOR - SHARED\PROJECTS\ACE GOTH 1853 ARCTIC AVE, ATLANTIC CITY\DWG\SITE PLANS\STD\27DWG

NOTES

1. THIS PLAN IS TO BE USED FOR SOIL EROSION AND SEDIMENT CONTROL PURPOSES ONLY.
2. SOIL EROSION AND SEDIMENT CONTROL IMPLEMENTATION SHALL BE IN ACCORDANCE WITH STANDARDS SET FORTH BY THE CAPE ATLANTIC CONSERVATION DISTRICT.
3. THIS SITE IS WITHIN THE URBAN REDEVELOPMENT AREA (PREVIOUSLY DEVELOPED SITE WITHIN METROPOLITAN PLANNING AREA PA-1) AND DEVELOPMENT IS EXEMPT FROM COMPACTION MITIGATION STANDARDS.

LIMIT OF DISTURBANCE

TOTAL AREA OF PROPOSED DISTURBANCE = 25,896 SF = 0.59± AC.

LEGEND

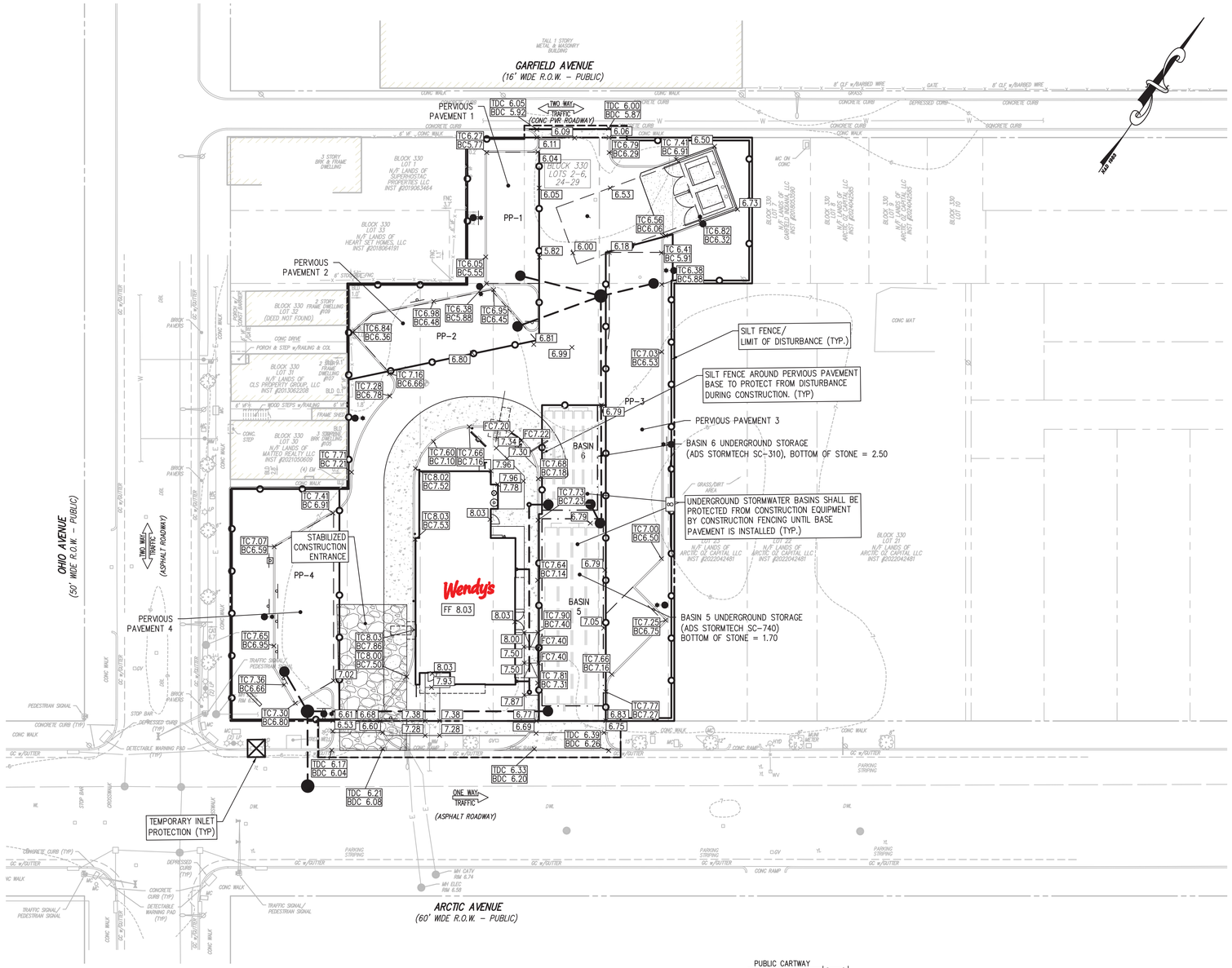
- TEMPORARY STANDARD SILT FENCE/LIMIT OF DISTURBANCE
- LIMIT OF DISTURBANCE
- TEMPORARY STABILIZED CONSTRUCTION ENTRANCE
- TEMPORARY INLET PROTECTION

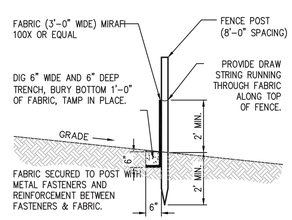
SOILS DATA

PstAt PSAMMAQUENTS, 0–2% SLOPES "A/D" SOILS GROUP

SOILS OBTAINED FROM NATURAL RESOURCES CONSERVATION SERVICES (NRCS) U.S. DEPARTMENT OF AGRICULTURE.

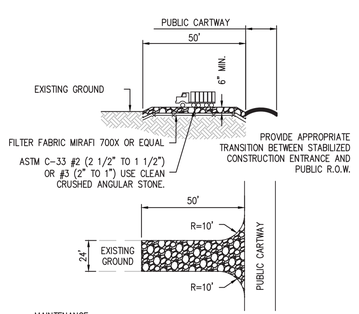
ALL SOIL EROSION AND SEDIMENT CONTROL IMPLEMENTATION SHALL BE IN ACCORDANCE WITH STANDARDS SET FORTH BY THE CAPE-ATLANTIC COUNTY SOIL CONSERVATION DISTRICT.





SILT FENCE DETAIL

N.T.S.



MAINTENANCE

THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.

STABILIZED CONSTRUCTION ENTRANCE DETAIL

N.T.S.

GRAPHIC SCALE

20 0 10 20 40 80

1 INCH = 20 FEET

811 Know what's below. Call before you dig.

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SOIL EROSION & SEDIMENT CONTROL PLAN

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YUM & CHILL

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01/29/2026	1	INITIAL RELEASE	LAT	JTS

PROJECT NO. Y&C 001.01
SCALE 1" = 30'
SHEET 16 OF 18
DRAWING NO. C1201

CREATED ON 09/23/2025, LAST MODIFIED ON 01/29/2026
C:\USERS\TAYLOR\ONEDRIVE - SCIULLO ENGINEERING SERVICES, LLC\TYLAUGS TAYLOR - SHARED\PROJECTS\YAC 001\1 163 ARCTIC AVE, ATLANTIC CITY\DWG\SITE PLANS\C201.DWG