



**TAKE A
NEW LOOK AT
PRECAST**

Advantages of Precast Concrete Systems:

- GiGo - Get-in, Get-out Construction
- ABC - Accelerated Construction
- Delivered Quality from our Certified QA/QC Manufacturing Facilities.
- Set-in-place Precast Components. Least installation sensitive.
- Sustainable Products for construction. Lowest Life Cycle Cost.
- Long Service Life: Precast concrete has a 100 year life span.
- Segmental Precast Elements are Projected worldwide to be the fastest growing segment of the future Commercial Construction Industry.





KISTNER
CONCRETE
PRODUCTS
INC.

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ARCH BRIDGES

12'-0" to 60'-0" Spans



BOX CULVERTS

NYSDOT 706-17

Range: 2'-6" x 6'-0"

To 8'-0" x 24'-0"

NOTE: ASTM C-1677

Watertight Joint Available



Precast Box Culverts:

Typ. range: 6'-0" Span x 2'-0 Rise to 24'-0" Span x 10'-0" Rise.



- JFK AIRPORT, NY, NY: 12'-0" Span x 8'-0" Rise w/"V" Bottom
- CATT. CO. BR. # 22: 22'-0" Span x 4'-6" Rise "V" Bottom



UTILITY TUNNEL

3' THRU 6' WIDE



MANHOLES

ASTM C-478
ASTM C-443
4' – 12' DIA.

BOLT DOWN PARAPET BARRIER



AESTHETICALLY PLEASING BARRIER



RETAINING WALLS

- LEDGESTONE



- LIMESTONE

RETAINING WALLS

LIMESTONE



GRAVIX

DOT Precast Wall System



REDI-ROCK



Precast Retaining Wall Systems Overview:

- A practical guide to properly specifying Precast Systems & Understanding Applications.
- Standard Wall Specification: NYSDOT 554.
- ASTM 1776 – Precast Modular Block – PMB – Big Block & Application w/ MSE Retaining Wall Systems.

RETAINING WALL SYSTEM:

BIG,
TALL, FAST &
STRONG:
TL 4 TESTED



GRAVIX
DOT Precast Wall System



ARCH BRIDGES

12' – 60' SPANS



CONCRETE TEXTURES

36' SPAN
QUEENS, NY



36' SPAN
OSWEGO, NY



36' SPAN
POTSDAM, NY



D262260 - I 190 Over Buffalo Ave.

Niagara Falls, NY - 72 hr. Bridge Demo & Install

Precast Farm



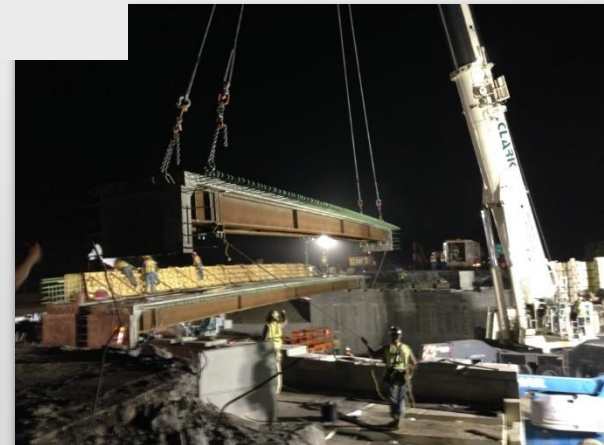
Site Precast



11 – 100' Beams
60 Ton ea.
16- Approach Slabs
30 Ton ea.
660 LF – SS
Barrier

TRANSPORT TO SITE

Beam Install



STORM-PRO

Stormwater Treatment

NJCAT Verified
NJDEP Certified

EXCEEDS US - EPA
DISCHARGE
REGULATIONS



ESK Koala Oil/Water Separator

- Single Structure Design
- Effective Removal Efficiency Lower than 5 PPM
- Optional Pre Treatment Grit Chamber
- European Tested and Certified

Application
Cleaning of rainwater from petroleum derivative substances is the intended use of the ESK Separator. Equipment of this type can be used for treatment of rainwater coming from the areas that are highly exposed to contamination by petroleum derivative substances (e.g. fuel stations, fuel distribution stations, car servicing workshops, etc.) and those less exposed to the risks of this type (e.g. from roads, parking lots, manoeuvre yards, etc.). A suitable settling tank should be used upstream of the separator.

Principle of Operation
Rain or process wastewater, cleaned from suspended matter comes to the ESK Separator. Separation of the petroleum derivative contamination occurs by gravitational separation of oil and water, which is supported by the coalescence effect of the media. Oil impurities lighter than water emerge to the surface where they are collected creating a film. Some small drops of the petroleum derivative substances without adequate buoyant force aggregate in bigger drops when flowing through the coalescence material (coalescence effect), which allows their gravitational separation. The submerged outlet prevents escape of the separated contamination downstream and provides reverse separation.

Recommended
The separator is for gravitational inflow, it should not be pumped, either should be located in an accumulator should be located upstream of the separator.

Contact Information
PO Box 55
East Pembroke, New York 14058
Phone: 800-809-2801
Fax: 585-815-4701
www.env21.com
enveng@env21.com



STORMPRO STORMWATER TREATMENT SYSTEM

- Single Structure Hydrodynamic Separator with shallow sump
- Online System
- Custom-configurable for multiple inlets/outlets
- LEED Credits - All components made with locally obtainable materials
- NJCAT Verified, NJDEP Certified (TARP)

STORMPRO
REDEFINING STORMWATER TREATMENT

STORMPRO
1-800-809-2801




StormPro Stormwater Treatment System employs unique flow distribution to enhance the removal of pollutants including floatables (oils, bottles, etc.).

StormPro has one of the shallowest sumps. This reduces excavation and enables easy access for maintenance.

StormPro is designed specifically for each project in order to help meet the USEPA net annual removal goal of 80% Total Suspended Solids (TSS) and 40% phosphates.

environment 21 Technical support team provides submittal packages within 1-2 business days. Give us a call!

STORMPRO
1-800-809-2801

WWW.ENV21.COM | SALES: ENVENGR@ENV21.COM | 1-800-809-2801




ESK
Oil Water
Separator

STANDARD & CUSTOM SEPTIC TANKS



10,000 Gal.
Horizontal Joint
Tank



CUSTOM BRIDGE PRODUCTS



BRIDGE SLABS

PRECAST BRIDGE PIERS



SPECIALTY VAULTS



VAULTS

SUPER VAULTS



NUCLEAR SHIELDING VAULTS



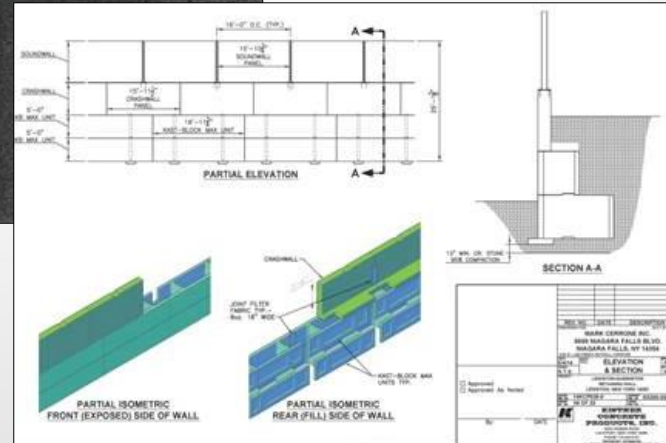
CATCH BASINS & DIs



- Catch Basins or Drop Inlets are manufactured in many sizes:
- 24" sq. – 48" sq. & Up to 80" Sq.
- With knockouts or thru holes.
- Many custom sizes available.
- Risers 6" & 12" Typ.
- Spec.: NYSDOT, Sec. 706-04
Std. Sheets M604-5R1
Mat. Std. # 704-03
Size Range: 2'x2' To 80" Sq.



KAST-BLOCK MAX. 20'-0" X 5'-0" FACE !!



10K - 26K Tanks

10k Series Tanks is a Monolithically Cast Vault with a 10K through 26K gallon capacity with 1 Horizontal Watertight Joint.



Project: **10k, 17k, & 20k GALLON SEPTIC TANKS -
12K, 14k, 24k to 26k GALLON EFFLUENT/UTILITY TANK
& KAST-POD SW-DRRTS**

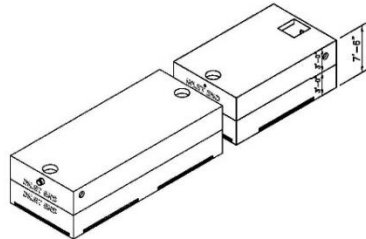
Location: **KCP LOCKPORT**

PRESENTATION PACKAGE

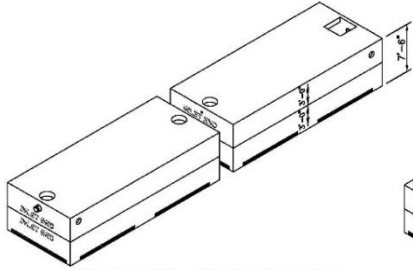
SHEET NO.	DESCRIPTION
1P	SEPTIC TANK PRESENTATION TITLE SHEET & INDEX
2P	10,000 GALLON SEPTIC TANK PRESENTATION DETAILS
3P	17,000 GALLON SEPTIC TANK PRESENTATION DETAILS
4P	20,000 GALLON 5050 SEPTIC TANK PRESENTATION DETAILS
5P	20,000 GALLON 6633 SEPTIC TANK PRESENTATION DETAILS
14P	CAST IN PLACE BOUYANCE COLLAR PRESENTATION DETAILS
15P	FILED LIFT DETAILS



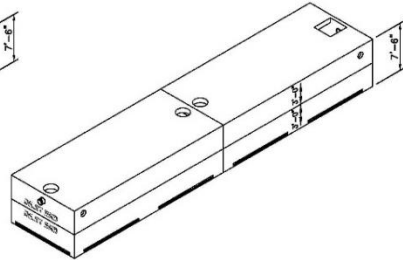
10K - SEPTIC TANK
(OUTSIDE DIMENSIONS:
27'-4"L x 11'-6"W x 7'-6"H)
[26.75 cu. yd.]



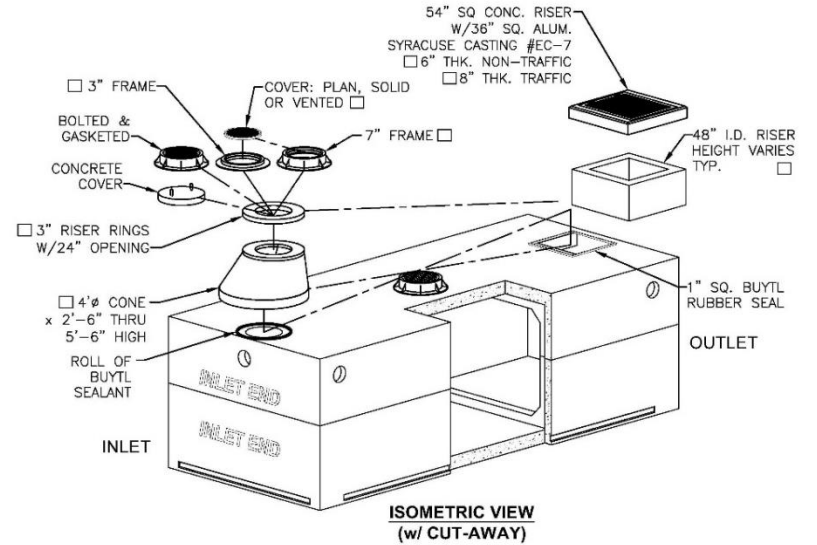
17K - SEPTIC TANK
(OUTSIDE DIMENSIONS:
48'-2"L x 11'-6"W x 7'-6"H)
[44.5 cu. yd.]



20K-5050 - SEPTIC TANK
(OUTSIDE DIMENSIONS:
57'-2"L x 11'-6"W x 7'-6"H)
[52.75 cu. yd.]



20K-66-33 - SEPTIC TANK
(OUTSIDE DIMENSIONS:
54'-8"L x 11'-6"W x 7'-6"H)
[51.5 cu. yd.]



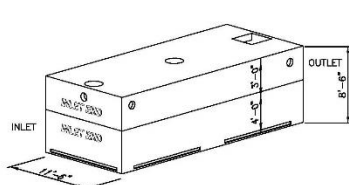
	KISTNER CONCRETE PRODUCTS, INC.	8350 HINMAN ROAD LOCKPORT, NEW YORK 14094 PHONE 716-434-6157	REV. NO.	DATE	DESCRIPTION	DRAWN BY: MAT	DATE: 11/21/18	PROJECT: PRECAST UTILITY - EFFLUENT - SEPTIC TANK (STRAIGHT WALL)	SHEET TITLE: SEPTIC TANK PRESENTATION TITLE & INDEX	SHEET NO.: 01P
						DESIGNED BY: MJK	SCALE: N.T.S.		REV. DATE: 10k-26k ST-EFF TANK-SW_R5	

Project: **10k, 17k, & 20k GALLON SEPTIC TANKS - IN-HOUSE PRODUCT & MOLD MASTER WORKBOOK**
12K, 14k, 24k to 26k GALLON EFFLUENT/UTILITY TANK
& KAST-POD SW-DRRTS

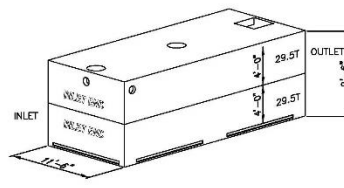
Location: **KCP LOCKPORT**

****INDEX CONTINUED FROM SHEET 1

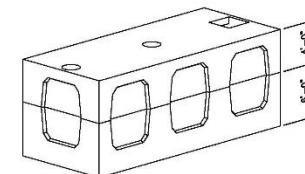
SHEET NO.	DESCRIPTION
7	12,000 GALLON EFFLUENT / UTILITY DETAILS
7A	14,000 GALLON EFFLUENT / UTILITY DETAILS
7B	24,000 GALLON EFFLUENT / UTILITY DETAILS
7C	28,000 GALLON EFFLUENT / UTILITY DETAILS
8	KAST-POD SW-DRRTS STORMWATER SYSTEM TOP SECTION DETAILS
8A	KAST-POD SW-DRRTS STORMWATER SYSTEM TANK DETAILS
8B	MONO-KAST BUILDING POD DETAILS
9	ELECTRICAL VAULT DETAILS



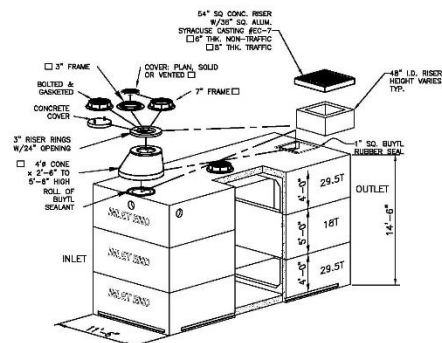
12K - EFFLUENT / UTILITY TANK
 (OUTSIDE DIMENSIONS:
 27'-4"L x 11'-6"W x 8'-6"H)



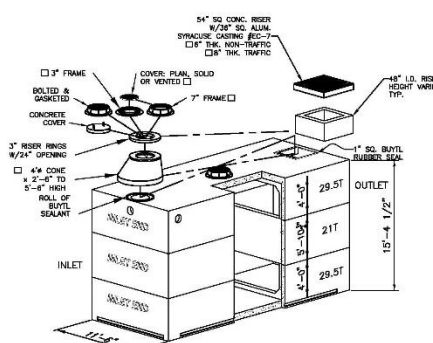
14K - EFFLUENT / UTILITY TANK
 (OUTSIDE DIMENSIONS:
 27'-4"L x 11'-6"W x 9'-6"H)



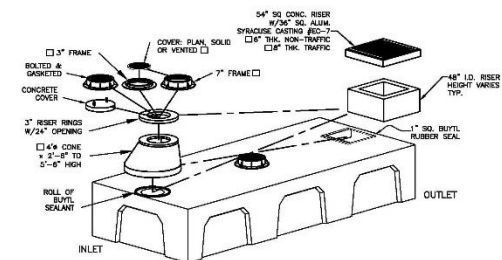
**KAST-POD SW-DRRTS
 STORMWATER SYSTEM**
 (27'-4"Lx11'-6"Wx10'-9"H O.D.)



24K - EFFLUENT / UTILITY TANK
 (OUTSIDE DIMENSIONS:
 27'-4"L x 11'-6"W x 14'-6"H)



26K - EFFLUENT / UTILITY TANK
 (OUTSIDE DIMENSIONS:
 27'-4"L x 11'-6"W x 15'-4 1/2"H)



**KAST-POD SW-DRRTS STORMWATER
 SYSTEM DETENTION / RETENTION /
 RECHARGE / TSS SYSTEM**
 (27'-4"Lx11'-6"Wx4'-9"H O.D.)

KISTNER CONCRETE PRODUCTS, INC.
 5590 HINMAN ROAD
 LOCKPORT, NEW YORK 14094
 PHONE 716-464-6167

REV. NO.	DATE	DESCRIPTION

DRAWN BY: ZMS
 DATE: 1/9/19
 PROJECT: PRECAST UTILITY - EFFLUENT - SEPTIC TANK (STRAIGHT WALL)
 CTD BY: MJK
 SCALE: N.T.S.

SHEET TITLE: TITLE & INDEX CONTINUED

SHEET NO. 01A-1
 FILE NAME: 10k-26k ST-EFF TANK-SW_RS



KISTNER CONCRETE PRODUCTS INC.



TAKE A NEW LOOK AT PRECAST



9 CONVENIENT LOCATIONS

SINCE "1947"

**KISTNER
CONCRETE
PRODUCTS
INC.**

**npca
CERTIFIED PLANT**

(585) 762-8216
(716) 894-2267 Buffalo line
**CORPORATE HEADQUARTERS
SALES & ENGINEERING**
8713 READ ROAD - P.O. BOX 218
EAST PEMBROKE, NY 14056
FAX (585) 762-8315

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**GENESEE &
ROCHESTER REGION**
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EAST BETHANY, NY 14054
FAX (585) 343-2546

(716) 434-6157
(716) 693-0174 Buffalo line
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LOCKPORT, NEW YORK 14094
FAX (716) 434-0138

**npca
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BUSTI, NY
FAX (716) 763-8878

(315) 462-7372
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PHELPS, NY
FAX (315) 462-7372

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2749 WOLF SPRING RD
SCIO, NY 14880

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CATTARAUGUS #**
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FOR DELIVERY SCHEDULING

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