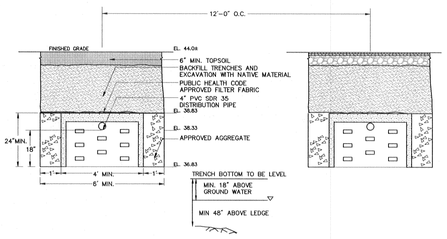
Saved Thursday, January 12, 2012 10:07:35 AM RSCHAEDEL Plotted Monday, January 30, 2012 1:44:51 PM Schaedel, Raquel

VHB
Vanasse Hangen Brustlin, Inc.
Transportation
Land Development
Environmental Services
54 Tuttle Place
Middletown, Connecticut 06457
860.632.1500 • FAX 860.632.7879



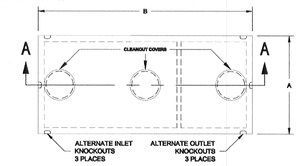
Concrete Leaching Gallery Section

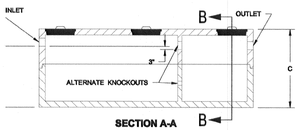
8/11

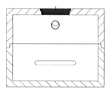
N.T.S. Source: VHB REV

Notes:

1. INLET BAFFLE TO BE MADE OF PVC PIPE
2. CONCRETE IN 5,000 PSI AT 20 DAYS, SEALED WITH BUTYL RUBBER
3. EXCAVATION MUST BE AT LEAST 12" WIDER AND LONGER THAN TANK SIZE
4. TANK TO BE MANUFACTURED WITH WATERTIGHT BOOT FITTINGS OR CORED INLET/OUTLET OPENINGS WITH COMPRESSION FITTINGS.
5. THE TANK SHALL BE TESTED FOR WATERTIGHTNESS.
6. EFFLUENT FILTER SHALL BE PROVIDED







TABULATION CHART				
GALLONS	A	B	C	D
3000	8'-0"	17'-8"	5'-8"	4'-4"
3500	8'-0"	17'-8"	6'-0"	5'-0"
4000	8'-0"	17'-8"	7'-1"	5'-8"
5000	8'-0"	17'-8"	8'-2"	6'-8"
6000	8'-0"	17'-8"	9'-8"	8'-0"

HD Commercial Tank- 2 Compartment Watertight (H-20 loading)

8/11

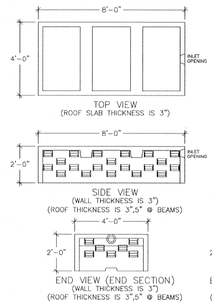
N.T.S. Source: Concrete Products

24" LOW PROFILE REGULAR LEACHING GALLEY

GALLEY DESIGN SPECIFICATIONS CONFORMS TO LATEST: ASTM DESIGNATION C913

NOTES:

1. PIPE INLET AND OUTLET LOCATIONS HAVE POLYLOK II PIPE SEALS, TYPICAL. CUSTOM KNOCKOUTS CAN BE CAST ON REQUEST.
2. REINFORDING STEEL DEFORMED BARS CONFORM TO LATEST ASTM SPECIFICATION A615.
3. CONCRETE COMPRESSIVE STRENGTH= 4000 PSI AT 28 DAYS.
4. METHOD OF MANUFACTURE: WET CAST.
5. SECTION IS MONOLITHIC.



WEIGHT CHART

PRODUCT	APPROX. WEIGHT
24" GALLEY	2700 LBS.

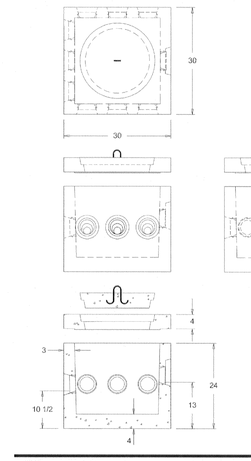
LEACHING DATA

FLOW LINE DEPTH(S)	LEACHING SURFACE (SQ.FT.)	LEACHING SURFACE (FT.²/UNIT)	RISIDE CAPACITY (GALLONS)
19"	8.6	24.4	340

24" High x 48" Wide Concrete Leaching Gallery

8/11

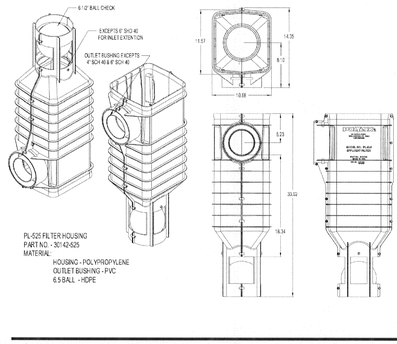
N.T.S. Source: UNITED CONCRETE PRODUCTS, INC



Distribution Box

8/11

N.T.S. Source: JOLLEY PRECAST, INC.



POLYLOK Effluent Filter PL-525 or approved equal (10,000 GPD)

1/12

N.T.S. Source: POLYLOK

No.	Revision	Date	Appvd.
1	PER LLHD REVIEW COMMENTS	11/16/2011	
2	PER CONDITIONS OF APPROVAL	1/5/2012	

Designed by RS | Drawn by | Checked by PV
CAD checked by | Approved by
Scale | Date October 15, 2011
Project Title

7 Hurlbutt Road

Gales Ferry
Ledyard, Connecticut
Issued for

Local Approval

Not Approved for Construction
Drawing Title

Subsurface Sewage Disposal Details

Drawing Number

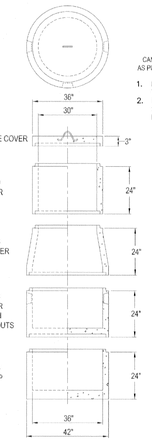
C-2

Sheet of 2 2

Project Number 41545.29



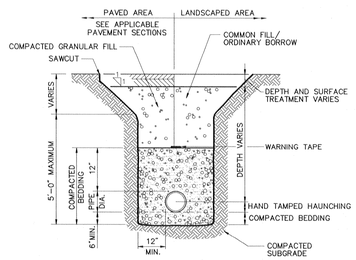
41545.29_DT.DWG



Manhole Risers- Watertight

8/11

N.T.S. Source: JOLLEY PRECAST, INC.



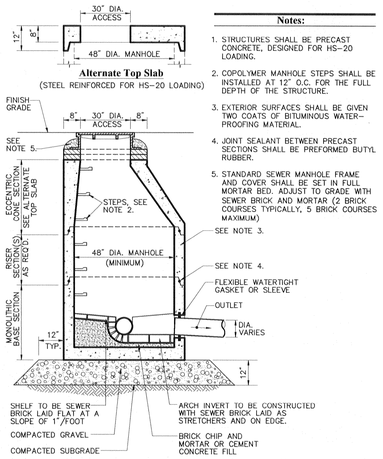
Notes:

1. WHERE UTILITY TRENCHES ARE CONSTRUCTED THROUGH DETENTION BASIN BERMS OR OTHER SUCH SPECIAL SECTIONS, PLACE TRENCH BACKFILL WITH MATERIALS SIMILAR TO THE SPECIAL SECTION REQUIREMENTS.
2. USE METALLIC TRACING/WARNING TAPE OVER ALL PIPES.

Utility Trench

8/11

N.T.S. Source: VHB LD_300



Notes:

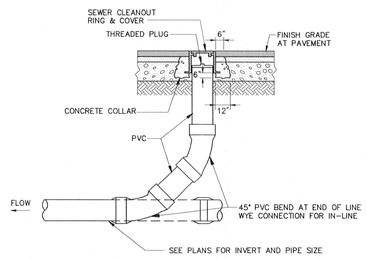
1. STRUCTURES SHALL BE PRECAST CONCRETE, DESIGNED FOR HS-20 LOADING.
2. COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE.
3. EXTERIOR SURFACES SHALL BE GIVEN TWO COATS OF BITUMINOUS WATER-PROOFING MATERIAL.
4. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
5. STANDARD SEWER MANHOLE FRAME AND COVER SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH SEWER BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM)

SEE NOTE 3.
SEE NOTE 4.
FLEXIBLE WATERTIGHT GASKET OR SLEEVE
OUTLET
DIA. VARIES
12"

Sanitary Sewer Manhole (SMH)

6/08

N.T.S. Source: VHB LD_200



Cleanout - Paved Area

3/11

N.T.S. Source: VHB LD_303