
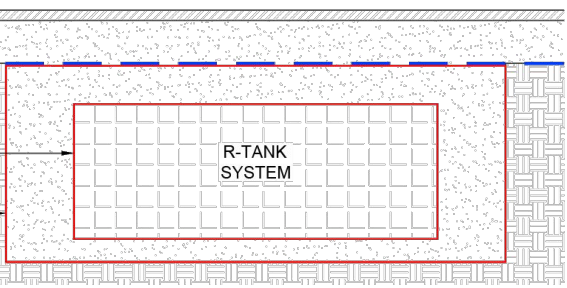


R-TANK QUANTITIES		GRAPHIC SCALE	
R TANK [®] MODULE TYPE	TRIPLE		
TRAFFIC LOAD	HS-20	SCALE 1" = 50'	
# OF TRIPLE R-TANKS	6716		
TOTAL SYSTEM STORAGE	86,098 CF		
R-TANK STORAGE VOLUME	82,726 CF		
STONE STORAGE VOLUME (60% VOID RATIO)	13,364 CF		
STONE BED FOOTPRINT	26,030 SF		
STONE QUANTITY	1,294 CY		
MIN. NON-WOVEN GEOTEXTILE TANK WRAP	7,203 SY		
MIN. NON-WOVEN GEOTEXTILE EXCAVATION WRAP	8,026 SY		
AC BX-12 GEORGRID	4,183 SY		
# OF INSPECTION PORTS	25		
GEOTEXTILE PIPE BOOTINGS (10'x12")	(11712)		
NOTE: STONE QUANTITY INCLUDES 3" OF COVER AND 3" OF BASE		R-TANK ELEVATIONS	
NOTE: GEOTEXTILE LINER QUANTITIES INCLUDE A 15% WASTE FACTOR		DESCRIPTION	ELEVATION
SEE SHEETS 3 - 11 FOR DETAILS AND ADDITIONAL INFORMATION		TANK	309.50
		INSP. OF TANK	309.50
		GEORGRID	310.52
		MIN. ALLOW. FINAL GRADE	310.95
		MAX. ALLOW. FINAL GRADE	314.85

GRAPHIC SCALE	
0	10'
SCALE 1" = 10'	

R-TANK ELEVATIONS	
DESCRIPTION	ELEVATION
BASE INV.	307.25
TANK INV.	307.25
TOP OF TANK	311.98
GEORGRID	310.52
MIN. ALLOW. FINAL GRADE	310.95
MAX. ALLOW. FINAL GRADE	314.85

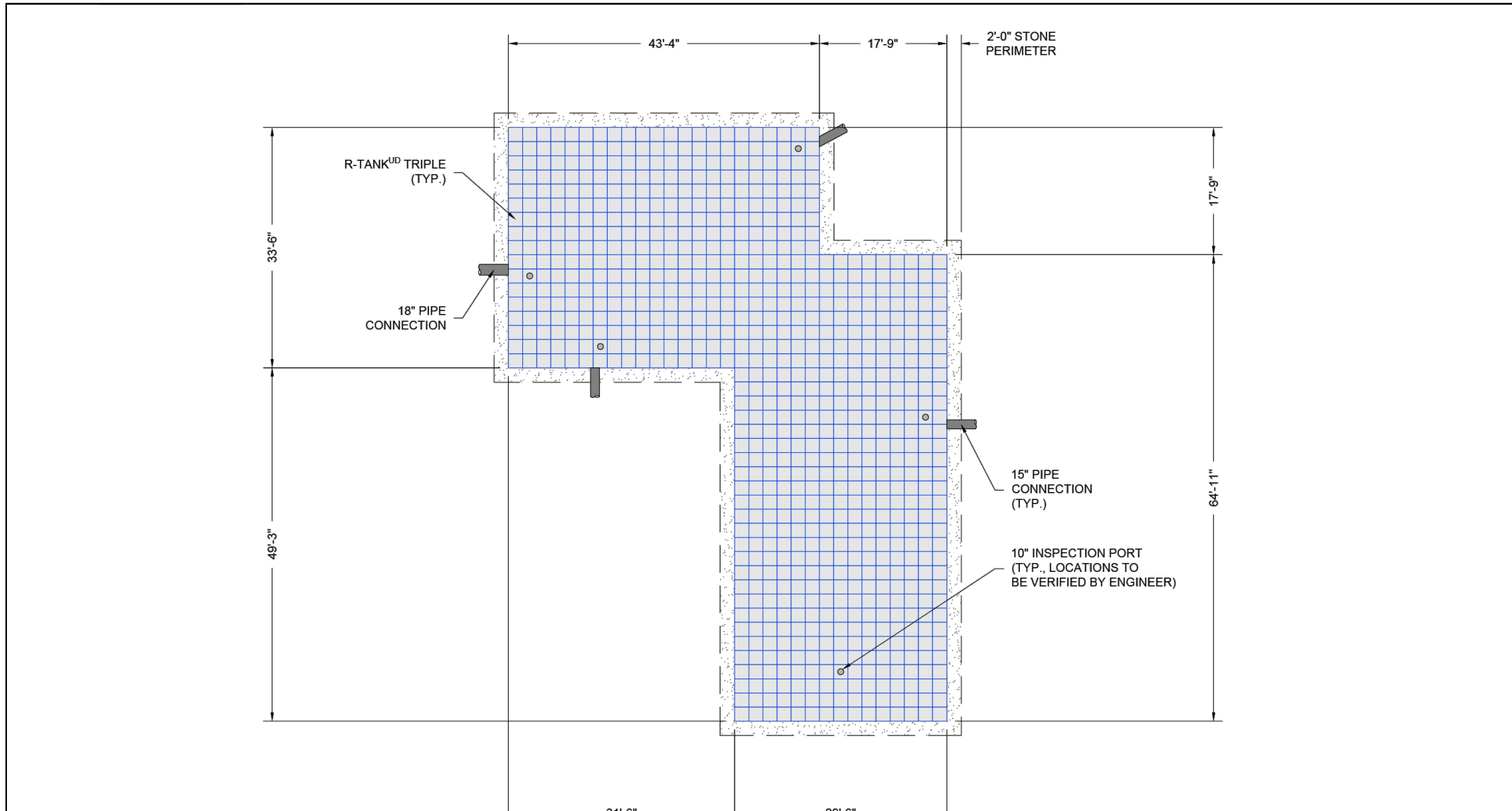



R-TANK[®] TANK WRAP & EXCAVATION ENVELOPE DETAIL

FERGUSON
WATERWORKS
FOR ADDITIONAL INFORMATION PLEASE CONTACT:
1-800-468-3028, WWW.FERGUSON.COM

R-TANK[®] SYSTEM LAYOUT
V2 ROCKLAND LOGISTICS LLC
SUFFERN, NY

SCALE
1" = 10'
DRAWN BY
BT
DATE
01/10/2024
SHEET NO.
5 of 11

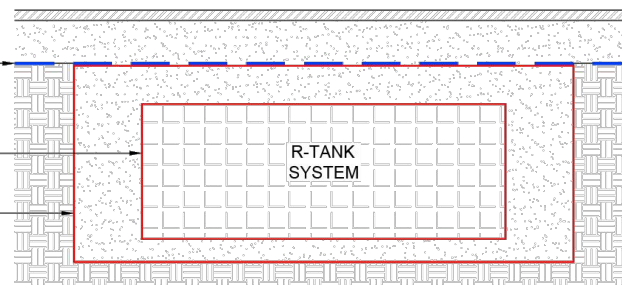


R-TANK QUANTITIES		GRAPHIC SCALE	
R-TANK [®] MODULE TYPE	QUAD		
TRAFFIC LOAD	HS-20	SCALE = 1" = 10'	
# OF QUAD R-TANKS	821		
TOTAL SYSTEM STORAGE	15,814 CF		
R-TANK STORAGE VOLUME	13,384 CF		
STONE STORAGE VOLUME (60% VOID RATIO)	2,430 CF		
STONE BED FOOTPRINT	3,772 SF		
STONE QUANTITY	225 CY		
MIN. NON-WOVEN GEOTEXTILE TANK WRAP	89 SY		
MIN. NON-WOVEN GEOTEXTILE EXCAVATION WRAP	1,172 SY		
ACF BX-12 GEORGRID	603 SY		
# OF INSPECTION PORTS	1		
GEOTEXTILE PIPE BOOT (10'x12')	(311)		
NOTE: STONE QUANTITY INCLUDES 3" OF COVER AND 3" OF BASE			
NOTE: GEOTEXTILE LINER QUANTITIES INCLUDE A 15% WASTE FACTOR			
SEE SHEETS 3 - 11 FOR DETAILS AND ADDITIONAL INFORMATION			

R-TANK ELEVATIONS	
DESCRIPTION	ELEVATION
TANK INV.	307.55
TOP OF TANK	307.55
TOP OF TANK	307.55
MIN. ALLOW. FINAL GRADE	312.65
MAX. ALLOW. FINAL GRADE	316.98

GRAPHIC SCALE	
0	10'
SCALE 1" = 10'	

R-TANK ELEVATIONS	
DESCRIPTION	ELEVATION
BASE INV.	307.25
TANK INV.	307.25
TOP OF TANK	311.98
GEORGRID	312.65
MIN. ALLOW. FINAL GRADE	312.98
MAX. ALLOW. FINAL GRADE	316.98

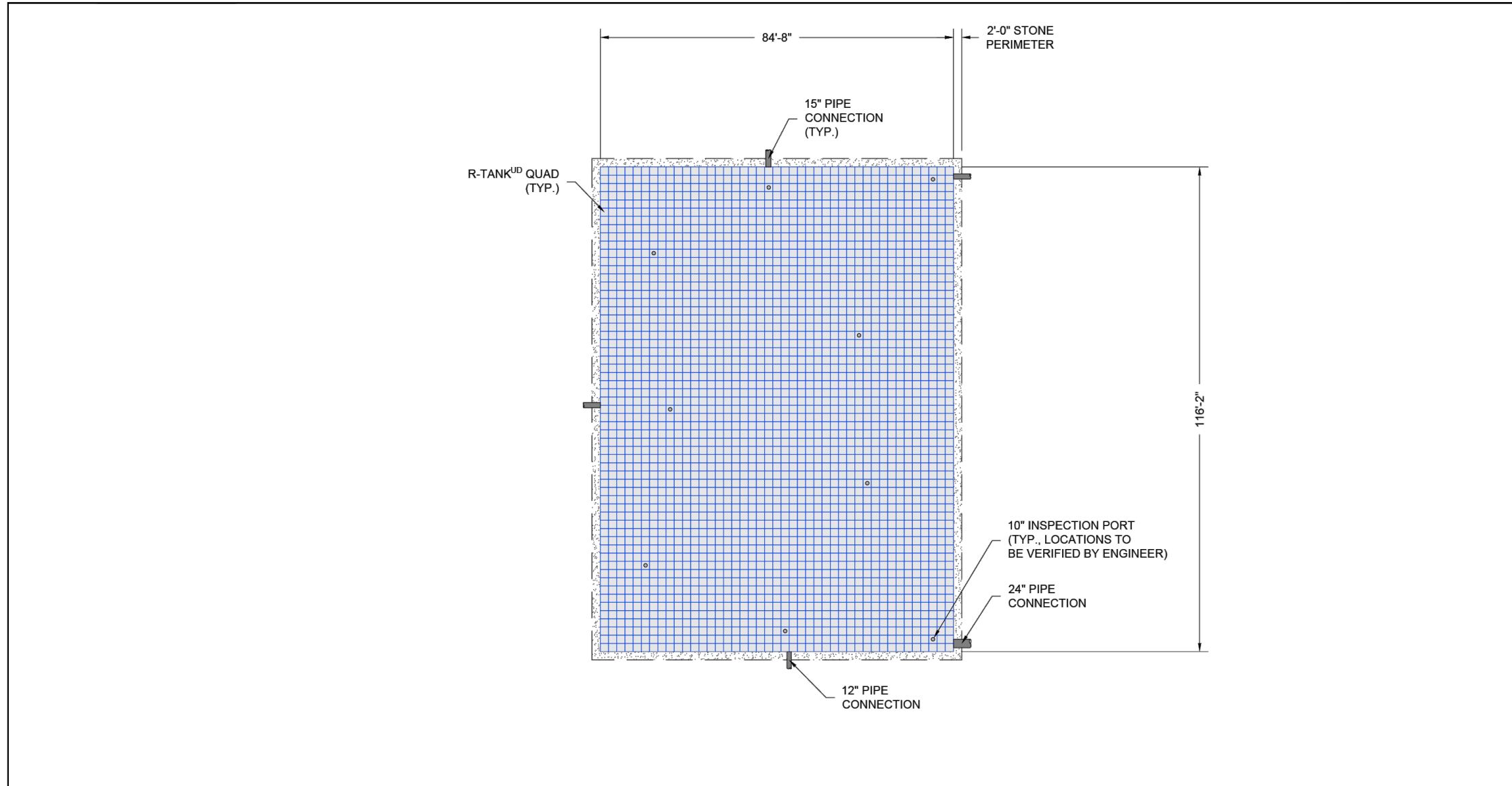


R-TANK[®] TANK WRAP & EXCAVATION ENVELOPE DETAIL


FERGUSON
WATERWORKS
FOR ADDITIONAL INFORMATION PLEASE CONTACT:
1-800-468-3028, WWW.FERGUSON.COM

R-TANK[®] SYSTEM LAYOUT
V2 ROCKLAND LOGISTICS LLC
SUFFERN, NY

SCALE
1" = 10'
DRAWN BY
BT
DATE
01/10/2024
SHEET NO.
6 of 11



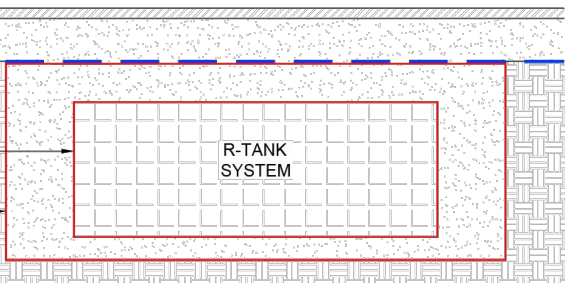
R-TANK QUANTITIES	
R-TANK [®] MODULE TYPE	QUAD
TRAFFIC LOAD	HS-20
# OF QUAD R-TANKS	2037
TOTAL SYSTEM STORAGE	48,714 CF
R-TANK STORAGE VOLUME	41,308 CF
STONE STORAGE VOLUME (60% VOID RATIO)	6,406 CF
STONE BED FOOTPRINT	10,648 SF
STONE QUANTITY	486 CY
MIN. NON-WOVEN GEOTEXTILE TANK WRAP	2,739 SY
MIN. NON-WOVEN GEOTEXTILE EXCAVATION WRAP	3,067 SY
ACF BX-12 GEORGRID	1,525 SY
# OF INSPECTION PORTS	8
GEOTEXTILE PIPE BOOT (10'x12')	(11311)
NOTE: STONE QUANTITY INCLUDES 3" OF COVER AND 3" OF BASE	
NOTE: GEOTEXTILE LINER QUANTITIES INCLUDE A 15% WASTE FACTOR	
SEE SHEETS 3 - 11 FOR DETAILS AND ADDITIONAL INFORMATION	

GRAPHIC SCALE	
	
SCALE = 1" = 10'	

R-TANK ELEVATIONS	
DESCRIPTION	ELEVATION
BASE IN	207.30
TANK TOP	207.30
150'x120' IN	211.18
150'x120' IN	211.18
GEORGRID	312.65
MIN. ALLOW. FINAL GRADE	312.98
MAX. ALLOW. FINAL GRADE	316.98

GRAPHIC SCALE	
0	20'
SCALE 1" = 20'	

R-TANK ELEVATIONS	
DESCRIPTION	ELEVATION
BASE INV.	307.25
TANK INV.	307.25
TOP OF TANK	311.98
GEORGRID	312.65
MIN. ALLOW. FINAL GRADE	312.98
MAX. ALLOW. FINAL GRADE	316.98

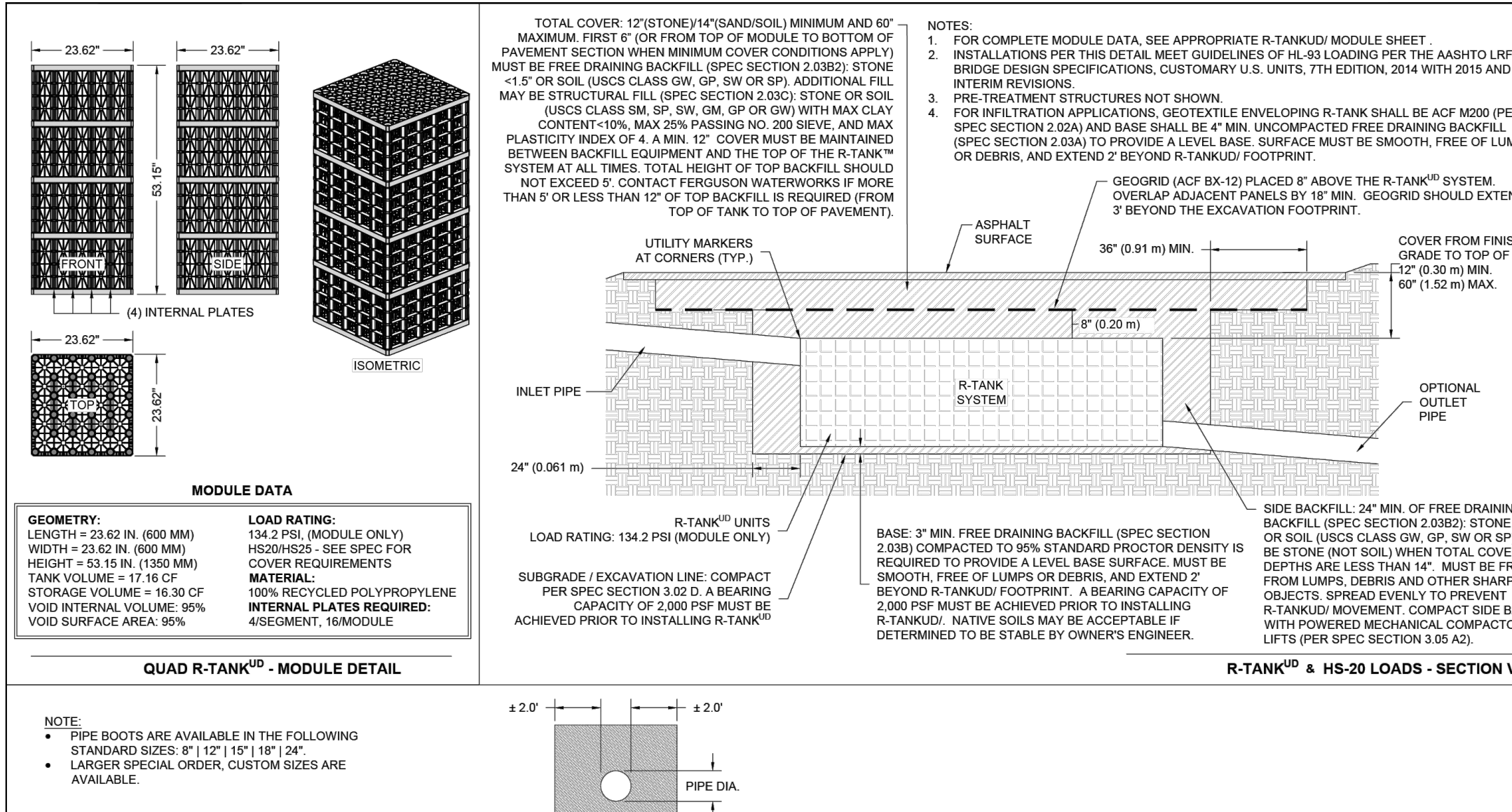


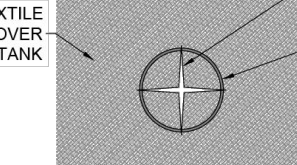
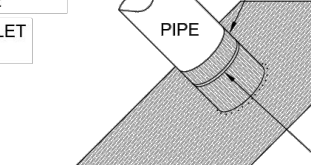
R-TANK[®] TANK WRAP & EXCAVATION ENVELOPE DETAIL

FERGUSON
WATERWORKS
FOR ADDITIONAL INFORMATION PLEASE CONTACT:
1-800-468-3028, WWW.FERGUSON.COM

R-TANK[®] SYSTEM LAYOUT
V2 ROCKLAND LOGISTICS LLC
SUFFERN, NY

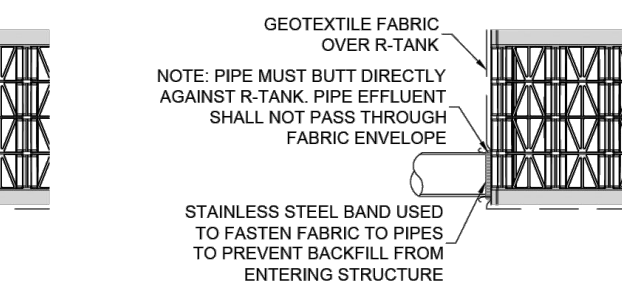
SCALE
1" = 20'
DRAWN BY
BT
DATE
01/10/2024
SHEET NO.
7 of 11



LARGER THAN THE PIPE. PULL THE FABRIC FLAPS AROUND THE PIPE, AND SEAL WITH A STAINLESS STEEL BAND.		FRONT VIEW OF GEOTEXTILE BOOT
		
END VIEW OF PIPE/FABRIC CONNECTION	GEOTEXTILE BOOT	

GRAPHIC SCALE	
0	10'
SCALE 1" = 10'	

R-TANK ELEVATIONS	
DESCRIPTION	ELEVATION
BASE INV.	307.25
TANK INV.	307.25
TOP OF TANK	311.98
GEORGRID	312.65
MIN. ALLOW. FINAL GRADE	312.98
MAX. ALLOW. FINAL GRADE	316.98



R-TANK[®] TANK WRAP & EXCAVATION ENVELOPE DETAIL

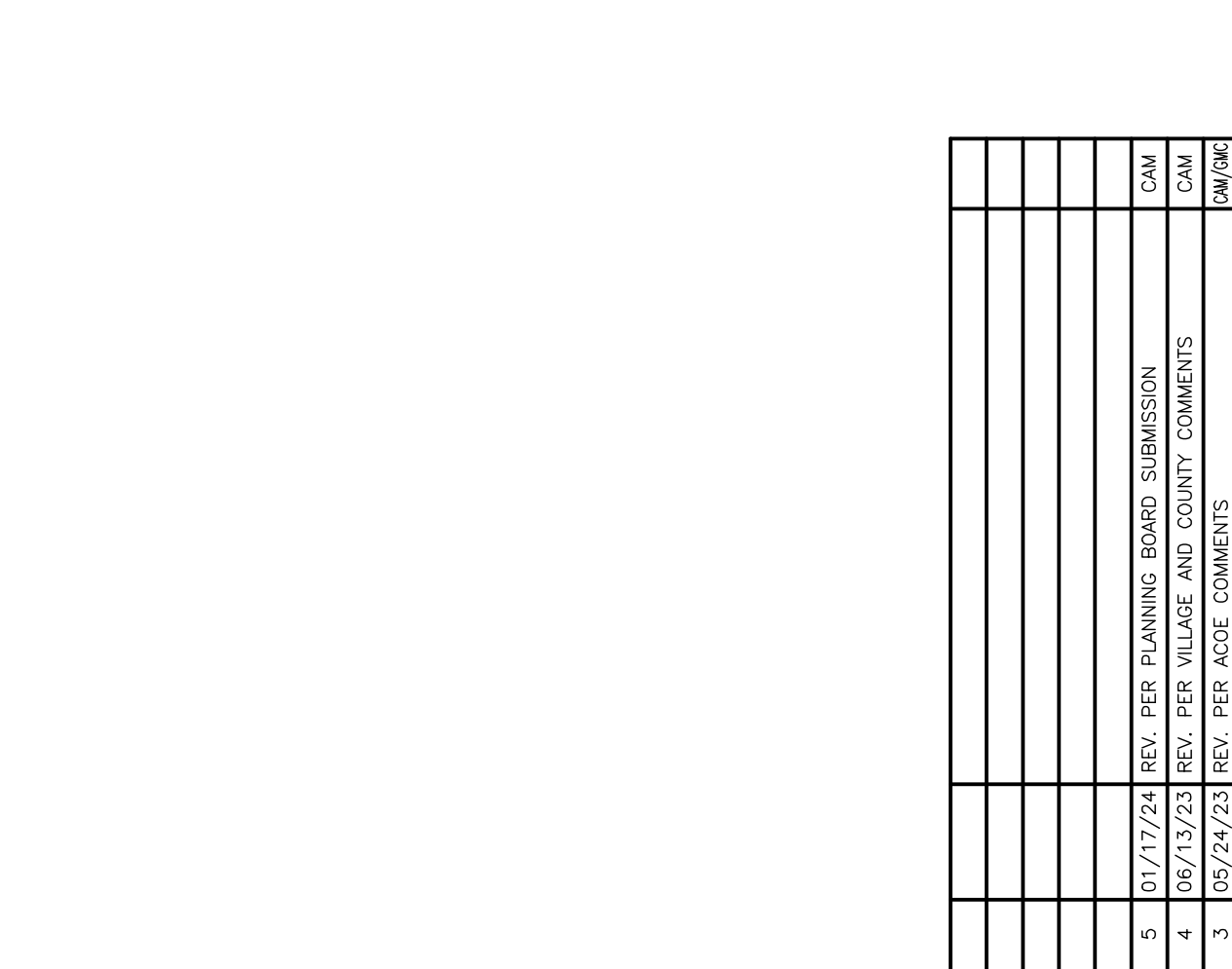
FERGUSON
WATERWORKS
FOR ADDITIONAL INFORMATION PLEASE CONTACT:
1-800-468-3028, WWW.FERGUSON.COM

R-TANK[®] SYSTEM LAYOUT
V2 ROCKLAND LOGISTICS LLC
SUFFERN, NY

SCALE
1" = 10'
DRAWN BY
BT
DATE
01/10/2024
SHEET NO.
8 of 11



R-TANK[®] TANK WRAP & EXCAVATION ENVELOPE DETAIL



R-TANK[®] TANK WRAP & EXCAVATION ENVELOPE DETAIL

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

DYNAMIC ENGINEERING
LAND DEVELOPMENT CONSULTING • PERMITTING • GEOTECHNICAL • ENVIRONMENTAL • SURVEY • PLANNING & ZONING

1954 Main Street
Lake Como, NJ 07719
T: 732.974.0198
F: 732.974.3521
www.dynamiccc.com

PROJECT: **IV2 ROCKLAND LOGISTICS, LLC**
PROPOSED INDUSTRIAL PARK AT 25 OLD MILL ROAD
SECTION 55.22 BLOCK 1, LOT 1; SECTION 55.37, BLOCK 1, LOT 10
OLD MILL ROAD AND HEMION ROAD (CR 93)
VILLAGE OF SUFFERN, ROCKLAND COUNTY, NEW YORK

JOB No: 3709-99-004
DATE: 12/17/2021
SCALE: (H) NOT TO SCALE
SHEET No: 119

DESIGNED BY: JMS
CHECKED BY: JMS
DATE: 01/10/2024
SHEET NO: 8 of 11

ZACHARY A. KAMM
PROFESSIONAL ENGINEER
NEW YORK LICENSE No. 107071

JOSHUA M. SNYDER
PROFESSIONAL ENGINEER
NEW YORK LICENSE No. 107071

PROTECT YOURSELF
ALL STATES REQUIRE VERIFICATION OF
CONTRACT, PERMITS, OR ANY OTHER
PREPARING TO OBTAIN THE SERVICE
FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT:
WWW.CALL811.COM