



Oliver Stedman Government Center
4808 Tower Hill Road; Suite 116
Wakefield, RI 02879
401-783-3370

PUBLIC NOTICE

File Number: 2012-07-001

Date: August 20, 2012

This office has under consideration the application of:

Sakonnet Point Club
50 Sakonnet Point Road
Little Compton, RI 02837

for a State of Rhode Island Assent to: relocate reverse osmosis (RO) discharge outfall to Sakonnet Harbor.

Project Location:	11 Bluff Head Avenue
City/Town:	Little Compton
Plat/Lot:	9 / 434-1
Waterway:	Sakonnet Harbor

Plans of the proposed work may be seen at the CRMC office in Wakefield.

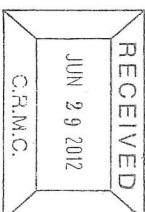
In accordance with the Administrative Procedures Act (Chapter 42-35 of the Rhode Island General Laws) you may request a hearing on this matter.

You are advised that if you have good reason to enter protests against the proposed work it is your privilege to do so. It is expected that objectors will review the application and plans thoroughly, visit site of proposed work if necessary, to familiarize themselves with the conditions and cite what law or laws, if any, would in their opinion be violated by the work proposed.

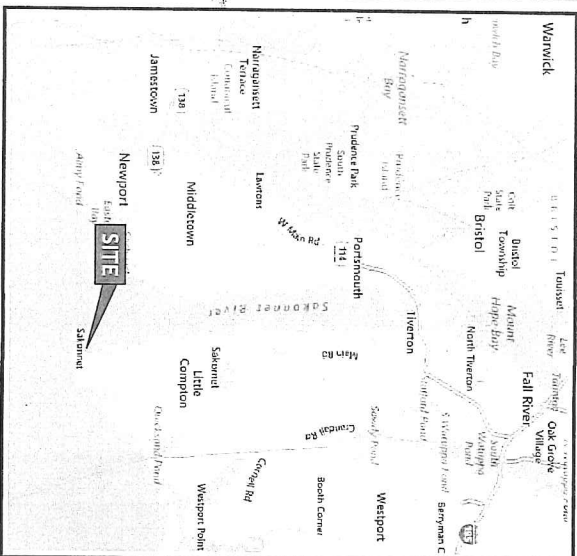
If you desire to protest, you must attend the scheduled hearing and give sworn testimony. A notice of the time and place of such hearing will be furnished you as soon as possible after receipt of your request for hearing. If you desire to request a hearing, to receive consideration, it should be in writing (**with your correct mailing address, e-mail address and valid contact number**) and be received at this office on or before September 20, 2012.

REVERSE OSMOSIS EFFLUENT DISCHARGE PIPELINE

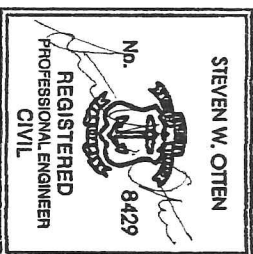
Sakonnet Point Club
Little Compton, Rhode Island



INDEX OF DRAWINGS		
CATEGORY	SHEET	TITLE
GENERAL	1	G-01 TITLE, INDEX OF DRAWINGS, LOCATION AND VICINITY MAPS
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SITE VICINITY MAP



JUNE 26, 2012



SITE LOCATION MAP

RTI Group, Inc.
Engineered from the Ground Up
167 Junction Avenue, Suite 202
Little Compton, Rhode Island 02882
Tel: 401.338.3100 Fax: 401.338.3101
www.rti-engineers.com

DESIGN	SWO
DR	SWO/DJA
CHK	JOT
APPD	JOT

DATE

MAKES ONE INCH ON ORIGINAL DRAWING.
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES.
AS SHOWN

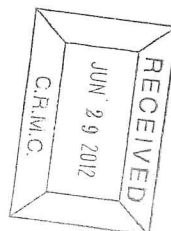
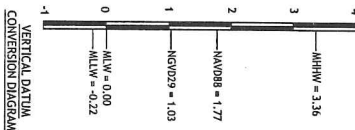
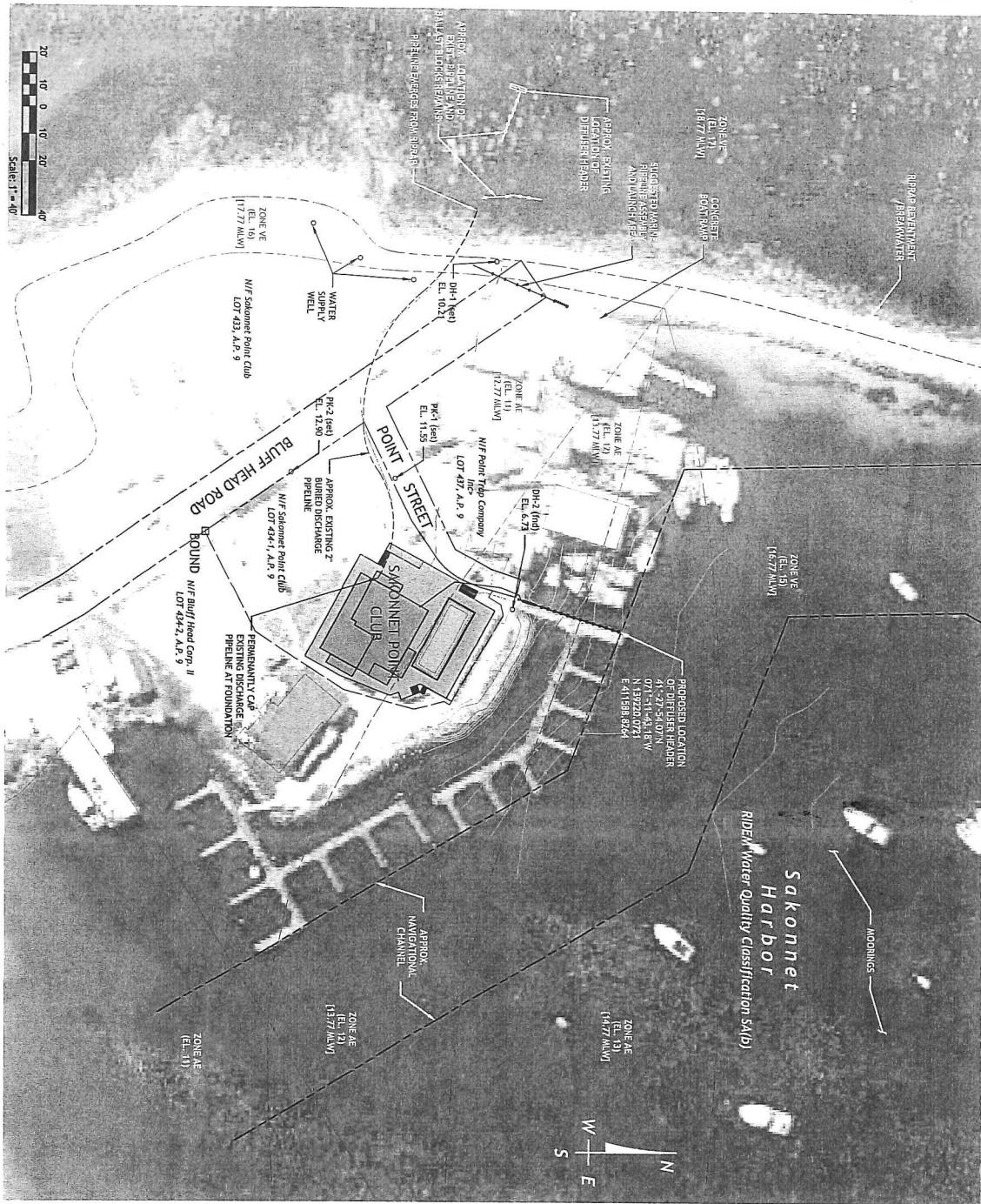


REVERSE OSMOSIS EFFLUENT DISCHARGE PIPELINE
Sakonnet Point Club
11 Bluff Head Ave.
Little Compton, Rhode Island

TITLE, INDEX OF DRAWINGS,
LOCATION AND VICINITY MAPS

SHEET	1 OF 9
DWG No.	G-01
DATE	MAY 2012

PERMIT SUBMISSION
NOT FOR CONSTRUCTION
THIS DRAWING IS HALF SIZE



REFERENCES

1. THE ELEVATION DATA ABOVE WAS COMPUTED FROM THE U.S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, NATIONAL OCEAN SERVICE, FROM: STATION ID: 845078 LOCATION: Little Compton, Rhode Island
2. ALL ELEVATIONS SHOWN ON THESE PLANS ARE RELATIVE TO LOCAL MLLW DATUM AS ESTABLISHED BY RT GROUP, INC. IN APRIL 2008.
3. FEMA FLOOD ELEVATION INFORMATION SHOWN ON THIS PLAN WAS TAKEN FROM THE FLOOD INSURANCE RATE MAP (FIRM), NEWPORT COUNTY, RHODE ISLAND, PANEL 204 OF 226, FIRM MAP NUMBER 44005C0004H, EFFECTIVE DATE APRIL 5, 2010. ELEVATIONS SHOWN IN PARENTHESES ARE RELATIVE TO NAVD 83.
4. THE ENTIRE PROJECT SITE IS WITHIN THE SPECIAL FLOOD HAZARD AREA SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD.
5. PROPERTY LINES AS SHOWN ON THESE PLANS WERE TAKEN FROM A PLAN ENTITLED: PLAN OF BLUFF HEAD WENDE AND POINT STREET IN AND FOR THE TOWN OF LITTLE COMPTON, RHODE ISLAND, DATED JANUARY, 1997. PROPERTY LINES AS SHOWN ARE CONSIDERED APPROXIMATE.

VERTICAL CONTROL

PROJECT BENCHMARK:
GEODEIC DISK 10020
ELEVATION: 5.99 FEET (NAVD83) 7.76 FEET (MLW)

HORIZONTAL CONTROL

HORIZONTAL DATUM BASIS IS RHODE STATE PLANE COORDINATE SYSTEM
NORTH AMERICAN DATUM OF 1983 (NAD 83).

RT Group, Inc.
107 Tuxton Avenue, Suite 302
East Providence, Rhode Island 02914
1-401-438-5100 1-401-438-5275

DESIGN
DR
SNO
CHK
JBR
APPD
SNO

DATE

REVISIONS

BY
APPD

THIS IS ONE INCH OR ORIGINAL DRAWING.
IF NOT ONE INCH OR ONE INCH ACCORDING TO

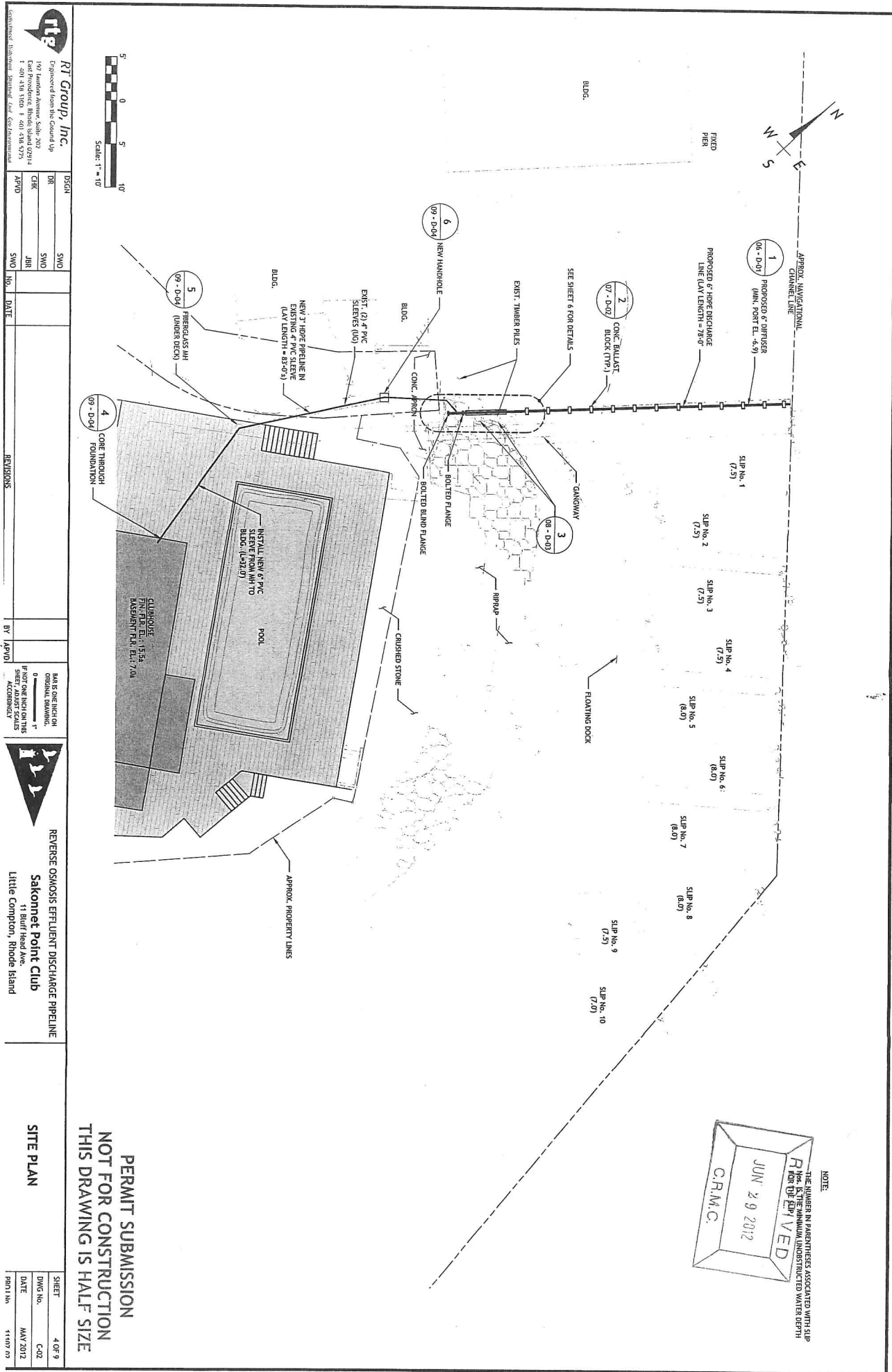


REVERSE OSMAOSIS EFFLUENT DISCHARGE PIPELINE
Sakonnet Point Club
11 Bluff Head Ave.
Little Compton, Rhode Island

OVERALL SITE PLAN

SHEET 3 OF 9
DWG No. C-01
DATE MAY 2012
PROJ No. 11107.02

PERMIT SUBMISSION
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NOTE:

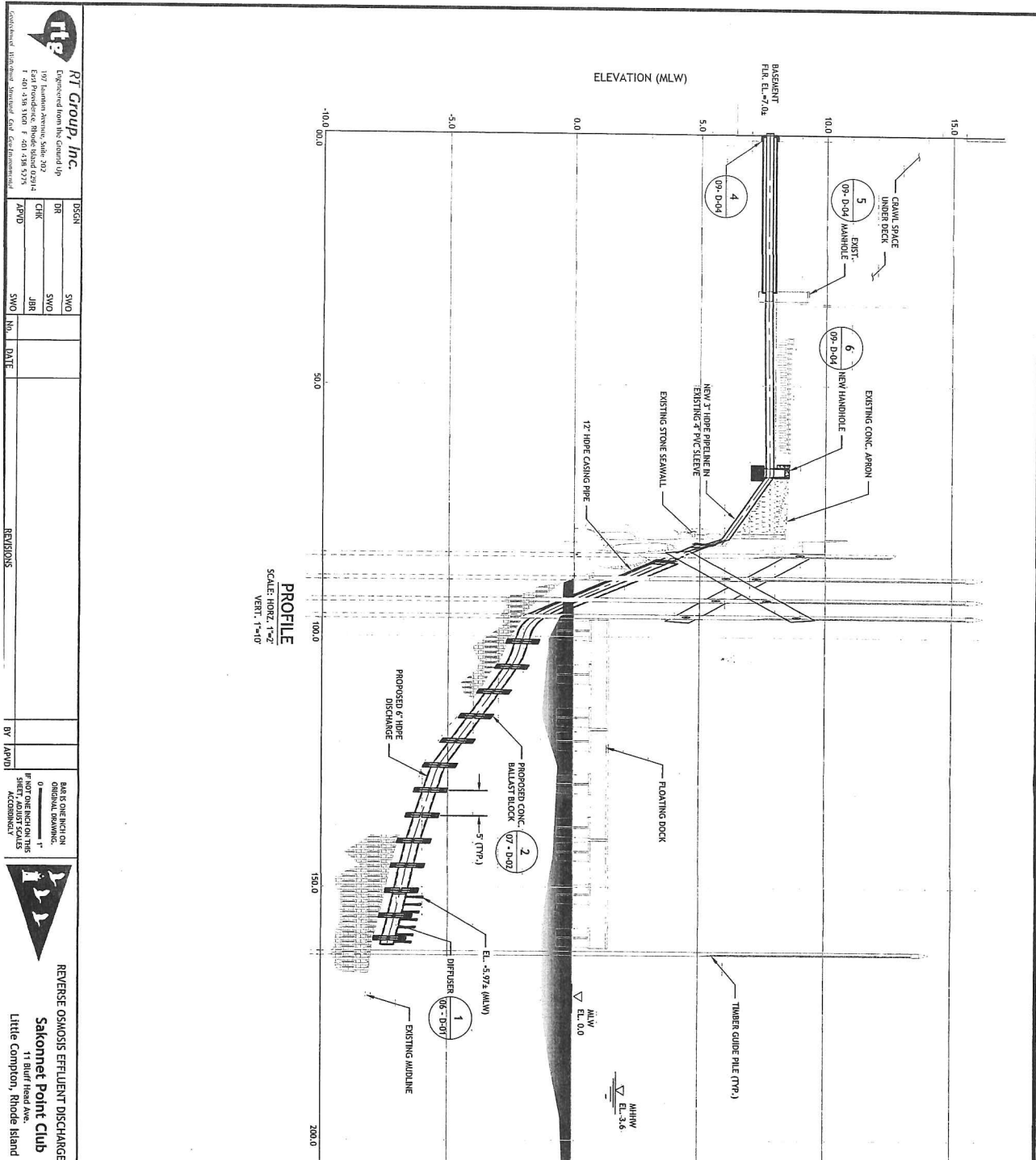
THE NUMBER IN PARENTHESES ASSOCIATED WITH SLIP NO. IS THE MINIMUM UNOBSTRUCTED WATER DEPTH REQUIRED FOR THE SLIP.

PERMIT SUBMISSION

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THIS DRAWING IS HALF SIZE

SITE PLAN

RT Group, Inc. Engineered from the Ground Up 101 Jamboree Avenue, Suite 202 East Providence, Rhode Island 02914 T 401 438 1000 F 401 238 9275 www.rtg.com		DESIGN: TR, SVO CHECK: JBR, SVO APPROVED: SVO, NO. DATE:		MAKE ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, INDICATE SCALE.		REVERSE OSMOSIS EFFLUENT DISCHARGE PIPELINE Sakonnet Point Club 11 Bluff Head Ave. Little Compton, Rhode Island		SHEET: 4 OF 9 DWG NO.: C-02 DATE: MAY 2012 PROJECT NO.: 11107.02	
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RTG
RT Group, Inc.
Engineered from the Ground Up
107 Ludlow Avenue, Suite 202
East Providence, Rhode Island 02914
T 401-438-1100 F 401-438-9275
www.rtginc.com

DESIGN	SWO
DR	SWO
CHK	JHR
APPD	SWO

DATE	REVISIONS

DATE	BY	APPD

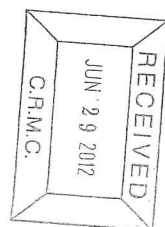
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ORIGINAL DRAWING.
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SCALE, THE DRAWING IS
ACCURATELY

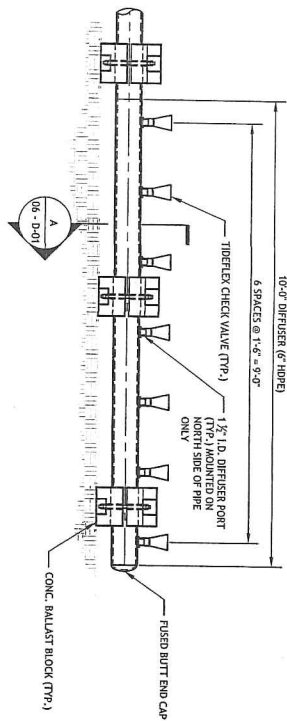


Sakonnet Point Club
11 Bluff Head Ave.
Little Compton, Rhode Island

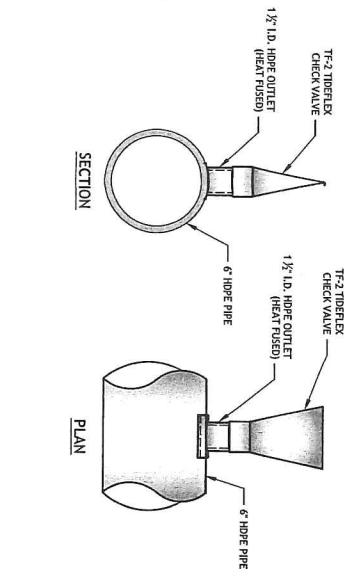
DISCHARGE OUTFALL PROFILE

SHEET	5 OF 9
DWG NO.	C-03
DATE	MAY 2012
PROJ. NO.	11107.02

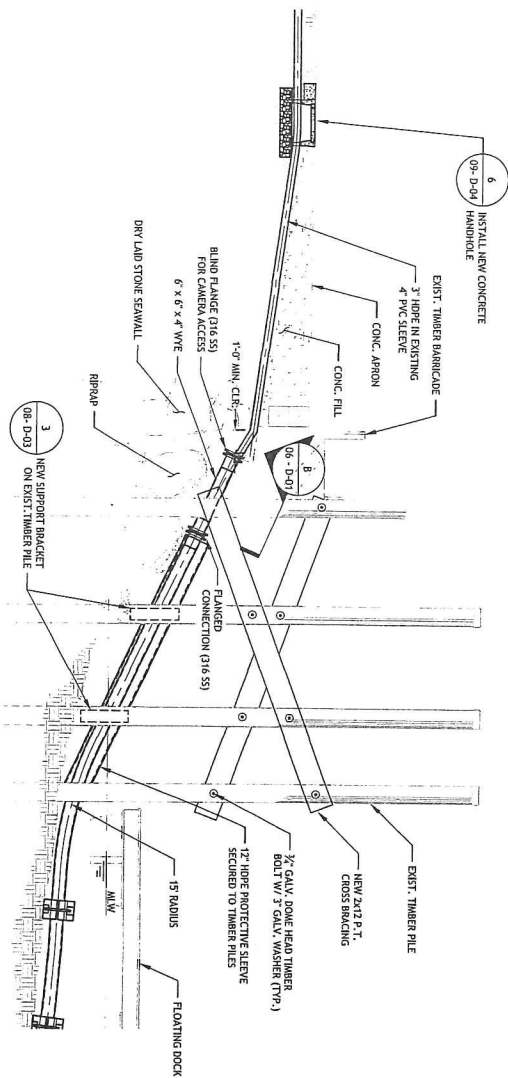




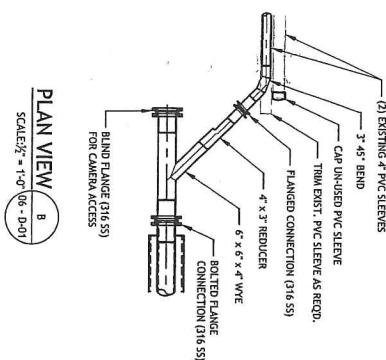
DIFFUSER DETAIL



DIFFUSER PORT DETAIL



PROFILE AT SEAWALL



PLAN VIEW

Series TF-2

- ▶ 100% customer construction
- ▶ Will not put at stake
- ▶ Will not work if freeze upon or shut
- ▶ Custom built to customer specifications
- ▶ Low arching pressure, low headloss
- ▶ Eliminates backflow

Materials of Construction

The TuleDoc® Check Valve is a revolutionary design for backflow prevention. It offers ho-

creasing pressure to eliminate standing water and very low headloss that is not affected by rust, corrosion or block of tuberculation. Tubercu-

Clack Valves are cost effective because they require no maintenance or repairs and last for an overall life span. The "A" core makes overall life span. The "A" core makes overall life span.

using low pressure and high pressure to open and close so no outside energy source is required.

Tubercle vaccines are essential replacement for ineffective natural plague vaccine strains.

They will not warp or flex and are virtually maintenance-free.

ected to vibrate with the outside atmosphere of the pipe.

The valve is slid onto the pipe and held in place with steel or stainless steel band clamps, eliminating flange cost. Teflon

The valves are constructed with a curved hull as standard

NGC

1 (316 SS)

PIPELINE	
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Page 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
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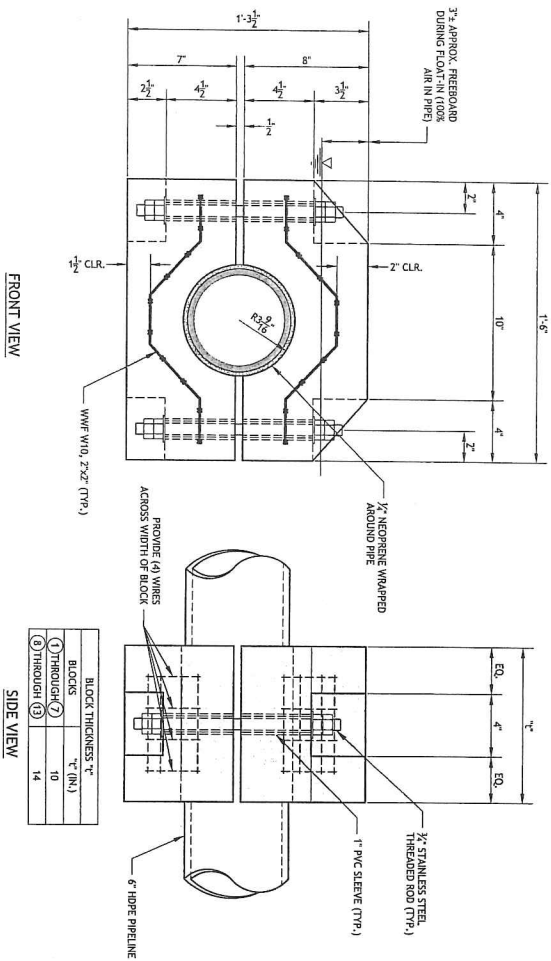
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RECEIVED
JUN 29 2012
C.R.M.C.

DETAILS - 1

SHEET	6 OF 9
DWG No.	D-01
DATE	MAY 2012
PROJ No.	11107.07

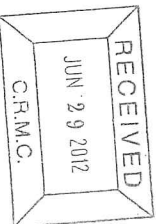
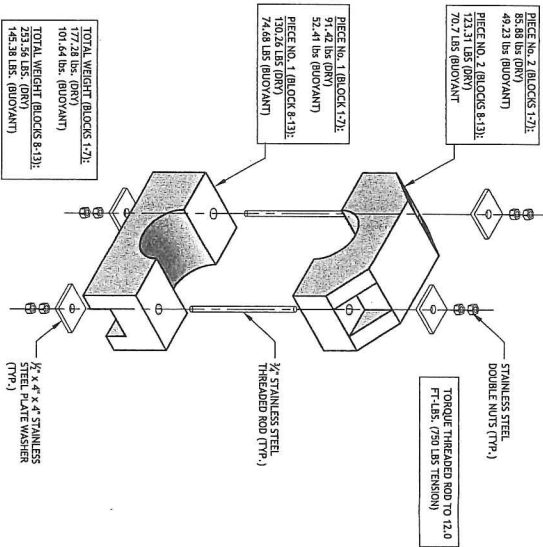


CONCRETE BALLAST BLOCK DETAIL
SCALE: 3" = 1'-0"

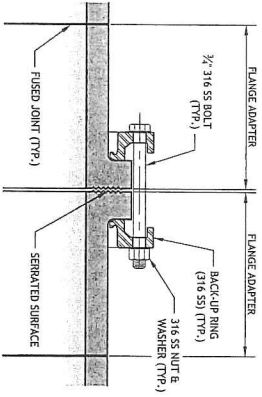
FLANGE CONNECTION NOTES:

1. TIGHTEN EACH FLANGE NUT ACCORDING TO THE SEQUENTIAL NUMBER PATTERN SHOWN. INCREASE TORQUE IN INCREMENTS OF 10% TO A HIGHER TORQUE.
2. ESTABLISH AN INITIAL SEALING SURFACE PRESSURE BY TIGHTENING EACH FLANGE NUT TO 70% OF FINAL TORQUE. THEN INCREASE TIGHTENING TORQUE IN INCREMENTS OF ABOUT 35% CROSS-CROSS PATTERN SHOWN.
3. TIGHTEN BOLTS TO A FINAL TORQUE VALUE AS RECOMMENDED BY THE GASKET OR PIPE MANUFACTURER.
4. 12 TO 24 HOURS AFTER THE FIRST TIGHTENING TO THE FINAL TORQUE VALUE, RETIGHTEN EACH FLANGE BOLT NUT TO THE SEQUENCE AND INCREMENTS OF 15 FT-LBS OR LESS.
5. MATING FLANGES MUST BE ALIGNED TO EACH OTHER BEFORE TIGHTENING. TIGHTENING MISALIGNED FLANGES CAN CAUSE LEAKAGE OR FLANGE FAILURE. DO NOT TRY TO ALIGN FLANGE FACES BY TIGHTENING BOLTS.
6. BEFORE FIT UP, LUBRICATE FLANGE BOLT THREADS, WASHERS, AND NUTS WITH A NON-FLUID LUBRICANT GREASE. FLANGE SEALING SURFACES MUST BE CLEAN AND FREE OF CUTS OR GROOVES.

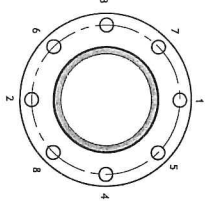
EXPLODED VIEW
SCALE: NONE



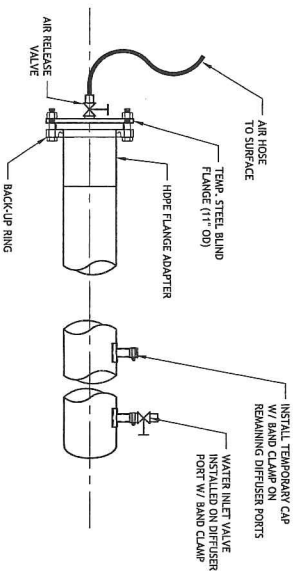
FLANGE CONNECTION DETAIL
SCALE: NONE



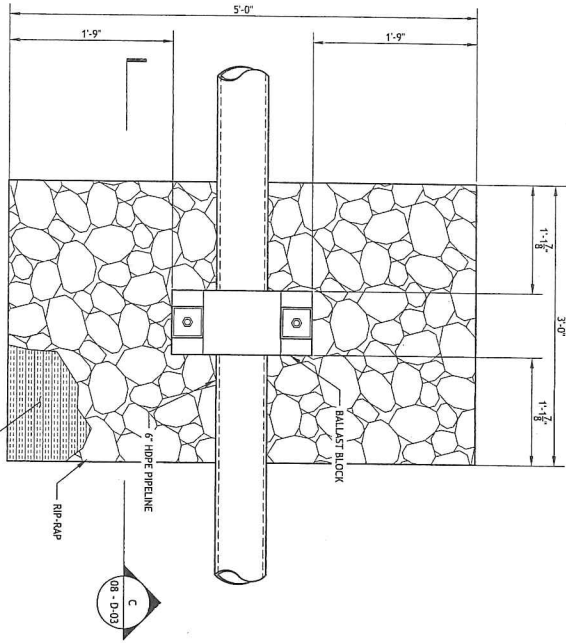
FLANGE BOLT TIGHTENING PATTERN
SCALE: 3" = 1'-0"



BLIND FLANGE DETAIL
SCALE: 1 1/2" = 1'-0"

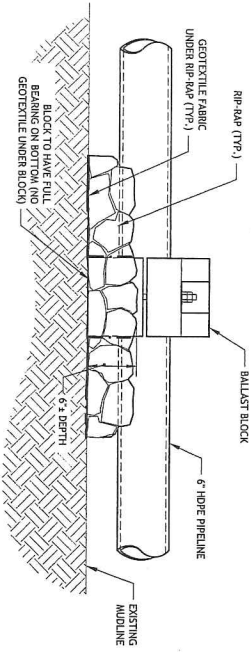


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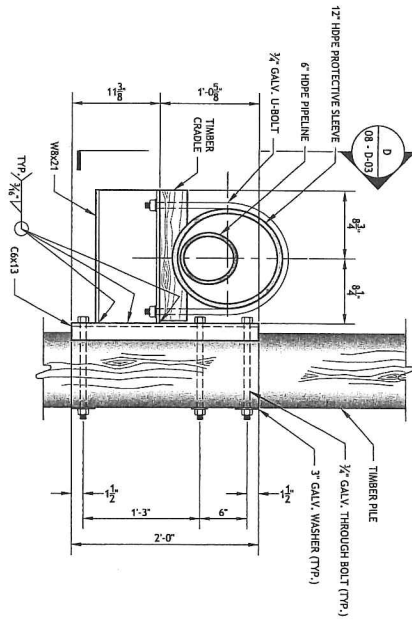
SCOUR PROTECTION PLAN

SCALE: 1 1/2" = 1'-0"



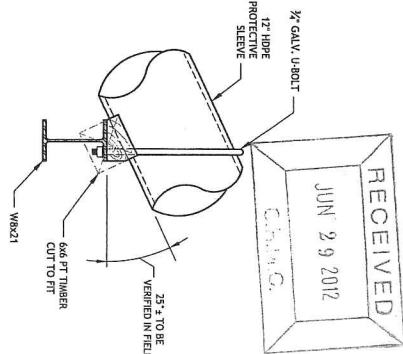
SECTION C

SCALE: 1 1/2" = 1'-0"



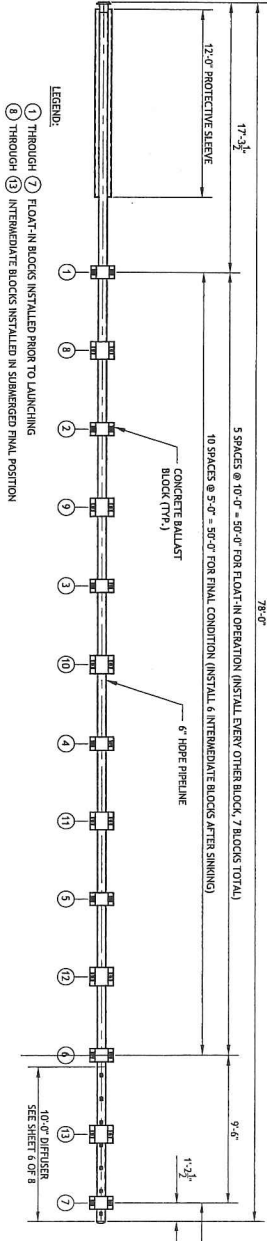
PILE SUPPORT BRACKET

SCALE: 1 1/2" = 1'-0"



SECTION D

SCALE: 1 1/2" = 1'-0"



MARINE SEGMENT OF PIPELINE ASSEMBLY PLAN

SCALE: 1 1/2" = 1'-0"

RT Group, Inc.
Engineered from the Ground Up
197 Tansboro Avenue, Suite 202
East Providence, Rhode Island 02914
1 401 438 3100 F 401 438 5273

DESIGN	SWO
DR	SWO
CHK	JBR
APPRO	SWO
DATE	

REVISIONS	
BY	APPRO
DATE	

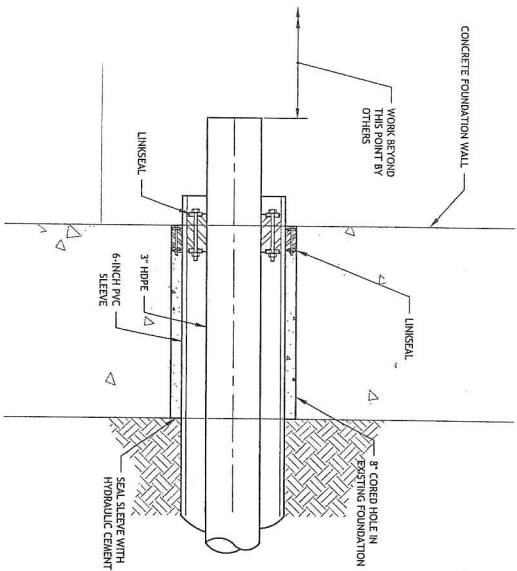
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REVERSE OSMOSIS EFFLUENT DISCHARGE PIPELINE
Sakonnet Point Club
Little Compton, Rhode Island

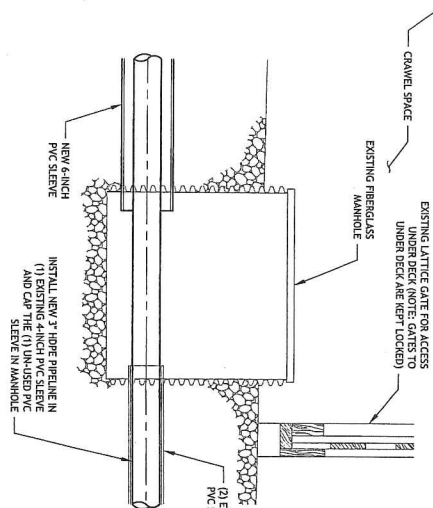
SHEET	8 OF 9
DWG No.	D-03
DATE	MAY 2012
PROJ. No.	11107.02

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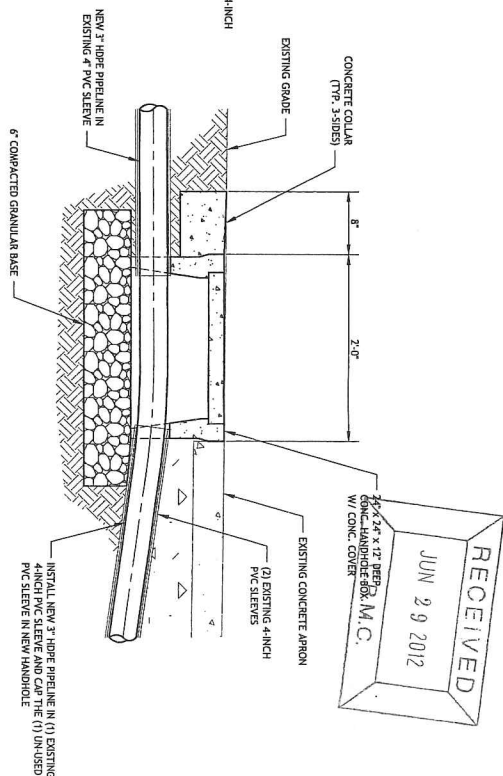
FOUNDATION PENETRATION

SCALE: 3" = 1'-0" (04 - C-02)



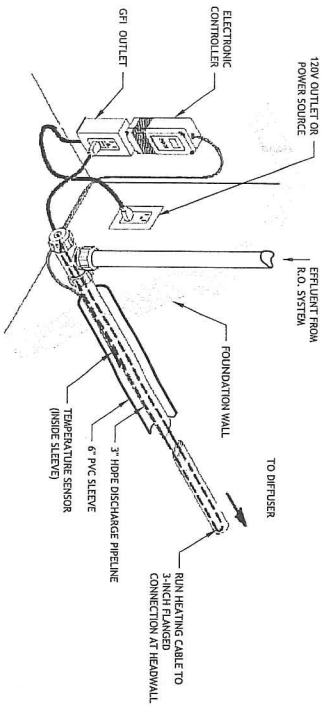
MANHOLE DETAIL

SCALE: 1/2" = 1'-0" (04 - C-02)



HANDHOLE DETAIL

SCALE: 1/2" = 1'-0" (04 - C-02)



NOTE:
THE SYSTEM SHOWN IS SCHEMATIC ONLY. FINAL DESIGN SHALL BE BY A LICENSED ELECTRICIAN AND/OR PLUMBER.

RECOMMENDED HEAT TAPE
INSTALLATION (BY OTHERS)

SCALE: NONE

RTI Group, Inc.
Engineered from the Ground Up
129 Mountain Avenue, Suite 202
P.O. Box 1000
Little Compton, Rhode Island 02884
T 401 438 3100 F 401 438 3275

DESIGN	SWO
CHECK	SWO
APPRO	JBR
NO.	DATE

REVISIONS	BY	APPRO

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REVERSE OSMOSIS EFFLUENT DISCHARGE PIPELINE
Sakonnet Point Club
11 Burr Head Ave.
Little Compton, Rhode Island

SHEET	9 OF 9
DWG No.	D-04
DATE	MAY 2012
PROJ No.	11107.02

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DETAILS - 4

