

Sandwich Public Safety Complex and Fire Substation #2 Addition / Renovation - General Bid

Stage:

Confirmed Value

\$12,500,000.00

BIDDING - Biddate Set

Fire and Police Stations, Government Project ID #: 1004361454 Category:

Offices

Street Address: 130 Main St. Sandwich MA 02563

County: Barnstable

6/14/2017,02:00PM **Bid Date:** Pomroy Associates LLC Architect:

Documents Available: Plans, Specs, Addenda available in

Last Update: 5/31/2017 Additional Documents - Planholders List were Added/Updated

Personal Notes

User Note Update Private? Date Adam Sweet 6KGAL SEPTIC TANK (CONCRETE) 6/1/2017 False

Notes

Scope

Demolition, site work, renovation and addition to a mixed-use development in Sandwich, Massachusetts. Completed plans call for the addition of a fire / police facility; for the demolition of a fire / police facility; municipal facility; for the renovation of a fire / police facility; for site work for a fire / police facility; municipal facility; and municipal facility. *General Bid Deadline6/7/17 Time2:00 P.M. Sandwich Public Safety Complex and Fire Substation #2 Addition / Renovation. Total of three Buildings for construction. Contractor QualificationDCAM Certificate Prequalification of the General and filed sub-bidders has been completed by the awarding authority. A listing of the prequalified contractors has been provided in the bid documents.

Plans available from Pomroy Associates LLC

contractors has been provided in the bid documents.

Notes Development include(s): Addition, Demolition, Site Work, Renovation Pre-Bid Meeting: 05/10/2017

10:00AM Town of Sandwich, Main Town Hall 130 Main Street, 02563 Bid Date: 06/14/2017 02:00PM Bid date changed to 06/14/2017 as per Adda 2. Town of Sandwich, Main Town Hall 130 Main Street,

Sandwich, MA 02563

Details

[Division 2]: Hazardous Material Abatement, Clearing, Dewatering, Shoring, Earthwork, Grading, Slope Protection & Erosion Control, Marine Work, Paving & Surfacing, Unit Pavers, Water Systems, Wells, Sewerage & Drainage, Fences & Gates, Landscaping. [Division 3]: Concrete Formwork, Concrete Reinforcement, Structural Concrete. [Division 4]: Clay Unit Masonry, Concrete Unit Masonry, Marble. [Division 5]: Structural Steel, Metal Decking, Metal Fabrications, Metal Stairs, Ornamental Metals, Expansion Joints. [Division 6]: Rough Carpentry, Prefabricated Structural Wood, Wood Trusses, Finish Carpentry, Architectural Woodwork. [Division 7]: Waterproofing, Insulation, Firestopping, Shingles, Manufactured Roofing & Siding, Membrane Roofing. [Division 8]: Metal Doors, Coiling Doors and Grilles, Entrances & Storefronts, Hardware, Glass & Glazing. [Division 9]: Ceiling Suspension Systems, Lath & Plaster, Drywall/Gypsum, Tile, Terrazzo, Acoustical Ceilings, Acoustical Walls, Resilient Flooring, Carpet, Painting. [Division 10]: Visual Display Boards, Compartments & Cubicles, Louvers & Vents, Wall & Corner Guards, Access Flooring, Bulletin Boards, Interior Signs, Lockers, Protective Covers, Partitions, Operable Partitions, Storage Shelving, Toilet & Bath Accessories. [Division 12]: Window Treatment, Furniture. [Division 13]: Pre-Engineered Structures. [Division 14]: Elevators, Material Handling Systems, Hoists & Cranes. [Division 15]: Fire Protection Systems, Plumbing Fixtures, Water Heaters, Boilers, Heat Pumps, Air Handling, Ductwork. [Division 16]: Service/Distribution, Interior Lighting, Standby Power Generator Systems, Alarm & Detection Systems,

Service/Distribution, Interior Lighting, Standby Power Generator Systems, Alarm & Detection Systems,

Voice & Data Systems.

Additional Details

Report Date: 6/1/2017 8:59:10 AM

Listed On: 4/28/2017 Floor Area: Addition/Alteration

Contract Type: Work Type:

Stage Comments 1: Floors Below Grade:

Stage Comments 2: Owner Type: City 6/14/2017

Mandatory Pre Bid Conference: Bid Date: 11046.08 7/8/2017 Invitation #: Commence Date: 1/1/2019 Completion Date: Structures:

Single Trade Project: Site Area:

LEED Certification Intent: Floors:

Parent Project ID: Units:

Parking Spaces:

Project Participants						
Company Role	Company Name	Contact Name	Address	Phone	Email	Fax
Civil Engineer	Garcia, Galuska, DeSousa Inc.		370 Faunce Corner Rd. , Dartmouth, MA 02747	(508) 998- 5700	info@g-g-d.com	(508) 998- 0883
Consultant	Outback Engineering		165 East Grove St , Middleboro, MA 02346	(508) 946- 9231		(508) 947- 8873
Consultant	Kaestle Boos Associates Inc Connecticut		416 Slater Road P.O. Box 2590, New Britain, CT 06050	(860) 229- 0361		(860) 229- 5303
Consultant	Mitchell Associates Architects		29 Thatcher Park Road , Voorheesville, NY 12186	(518) 765- 4571	archiram@aol.com	(518) 765- 2950
Consultant	Integrated Security Systems, Inc		325 Godshall Drive , Harleysville, PA 19438	(855) 572- 7233		
Mechanical and Electrical Engineer	Building Engineering Resources Inc.		66 Main St , North Easton, MA 02356	(508) 230- 0260	ber@ber- engineering.com	(508) 230- 0265
Owner	Town of Sandwich		130 Main St. , Sandwich, MA 02563	(508) 888- 0340	townhall@townofsan dwich.net	(508) 888- 2497
Structural Engineer	Toce Structural Engineering		114 Lepage Drive , Southington, CT 06489	(860) 621- 8616		
Architect	Pomroy Associates LLC	Taylor MacDonald	49 Bedford St , East Bridgewater, MA 02333	(508) 648- 2061	tmacdonald@pomro yassociates.com	(508) 456- 4227

Bidders								
Company Name	Added Date	Address	Phone	Email	Bidding Role	Bid Rank	Bid Value	Fax Number
Chapman Waterproofing Company	5/19/20 17	395 Columbia Rd PO Box 255300, Boston, MA 02125	(617) 288- 3000	info@chapmanwa terproofing.com	Prospective Bidder - General Contractor			(617) 288- 3005
WES Construction Corp.	5/19/20 17	650 Industrial Dr. , Halifax, MA 02338	(781) 294- 1080	kvogel@wesconst ructioncorp.com	Prospective Bidder - General Contractor			(781) 294- 4597
M. O'Connor Contracting Inc	5/19/20 17	19 Ledge Hill Rd, P. O. Box 320277, West Roxbury, MA 02132	(617) 327- 3070	info@moccontrac ting.com	Prospective Bidder - General Contractor			(617) 327- 9731
M F Construction Corporation	5/4/201 7	350 Boyd's Lane, Portsmouth, RI 02871	(401) 683- 2230		Prospective Bidder - General Contractor			(401) 683- 6581
Paul J. Rogan Co., Inc.	5/19/20 17	25 Hayward St. , Braintree, MA 02184	(781) 843- 1900	info@pauljroganc o.com	Prospective Bidder - General Contractor			(781) 843- 1061
Brite-Lite Electrical Co	5/19/20 17	11 Front Street , Weymouth, MA 02188	(781) 340- 9102		Prospective Bidder - General Contractor			(781) 340- 1674
Annese Electrical Services	5/19/20 17	280 Libbey Industrial Pkwy. , Weymouth, MA 02189	(781) 337- 6462		Prospective Bidder - General Contractor			(781) 337- 6559
Marmelo Bros	5/19/20 17	13 Ventura Dr , North Dartmouth, MA 02747	(508) 995- 6582	sandy@marmeloc onstruction.com	Prospective Bidder - General Contractor			(508) 995- 6926
Rockwell Roofing Inc.	5/19/20 17	44 Pond St , Leominster, MA 01453	(978) 537- 7825	jpicard@rockwellr oofing.com	Prospective Bidder - General Contractor			(978) 537- 4132
Boston Building & Bridge Corp.	5/19/20 17	1094 Bluehill Ave. , Milton, MA 02186	(617) 333- 0342	info@bbbcorp.co m	Prospective Bidder - General Contractor			(617) 333- 6895
Wayne J. Griffin Electric, Inc.	5/4/201 7	116 Hopping Brook Rd , Holliston, MA 01746	(508) 429- 8830	imorton@wjgei.co m	Prospective Bidder - General Contractor			(508) 429- 7825
Commercial Masonry Corp.	5/19/20 17	11 Aldrin Road , Plymouth, MA 02360	(508) 830- 1700	rsm@Commercial Masonry.com	Prospective Bidder - General Contractor			(508) 830- 1702
oort Date: 6/1/2017 8	R-50-10 Δ N/I	(C)	2017 Construc	tConnect. All Rights R	eserved			Page 2 d

Apex Corporation	5/19/20 17	56 Charles St. , Abington, MA 02351	(781) 871- 6227	apex@apexhvac.c om	Prospective Bidder - General Contractor	(781) 871- 5280
RAC Builders, Inc.	5/19/20 17	12 School St , Agawam, MA 01001	(413) 786- 8401		Prospective Bidder - General Contractor	(413) 786- 8988
Central Ceilings	5/19/20 17	36 Norfolk Ave, South Easton, MA 02375	(508) 238- 6985	bid_invites@centr alceilings.com	Prospective Bidder - General Contractor	(508) 238- 2191
Enterprise Equipment Co. Inc.	5/4/201 7	276 Libbey Pkway , Weymouth, MA 02189	(781) 331- 0900	info@enterpriseeq uip.com	Prospective Bidder - General Contractor	(781) 337- 2940
A & A Window Products, Inc.	5/19/20 17	15 Joseph Street , Malden, MA 02148	(781) 322- 9282	sales@aawindow products.com	Prospective Bidder - General Contractor	(781) 321- 0833
Aluminum & Glass Concepts Inc	5/19/20 17	210 Andover St Ste 25 P.O. Box 279, Wilmington, MA 01887	(978) 658- 3591	atryder@aluminu mandglass.com	Prospective Bidder - General Contractor	(978) 657- 5819
Modern Glass & Aluminum Inc	5/19/20 17	42 Eastman Street PO Box 1081, Easton, MA 02334	(508) 238- 0152		Prospective Bidder - General Contractor	(508) 238- 8351
Capeway Roofing Systems	5/19/20 17	664 Sandford Road , Westport, MA 02790	(508) 674- 0800	krybicki@capeway roofing.com	Prospective Bidder - General Contractor	(508) 678- 2670
Lockheed Window Corporation	5/4/201 7	925 South Main St, , Pascoag, Rl 02859	(401) 568- 3061	info@lockheedwin dow.com	Prospective Bidder - General Contractor	(401) 568- 2273
Arden Engineering Constructors LLC	5/19/20 17	505 Narragansett Park Dr. , Pawtucket, RI 02861	(401) 727- 3500		Prospective Bidder - General Contractor	(401) 727- 3540
Kneeland Plumbing & Heating, Inc.	5/4/201 7	63 Hammond St. PO Box 311, Rowley, MA 01969	(978) 948- 2282	johnkneeland@co mcast.net	Prospective Bidder - General Contractor	(978) 948- 5068
Cam HVAC & Construction Inc.	5/19/20 17	116 Lydia Ann Road , Smithfield, RI 02917	(401) 232- 7230	info@camhvac.co m	Prospective Bidder - General Contractor	(401) 232- 7290
R&R Window Contractors, Inc.	5/19/20 17	One Arthur St. , Easthampton, MA 01027	(413) 527- 7500	tsmith@rrwindow. com	Prospective Bidder - General Contractor	(413) 527- 0289
DeLucca Fence Company Inc	5/19/20 17	5 Old Ferry Road , Methuen, MA 01844	(978) 688- 2877	estimating@deluc cafence.com	Prospective Bidder - General Contractor	(978) 688- 6030
Chandler Architectural Products	5/4/201 7	255 Interstate Drive , West Springfield, MA 01089	(413) 733- 1111		Prospective Bidder - General Contractor	(413) 737- 6101
Maron Construction	5/19/20 17	180 Buttonhole Dr , Providence, RI 02909	(401) 433- 7534		Prospective Bidder - General Contractor	
J. W. Dubis & Sons	5/19/20 17	79 Stony Hill Road , Chatham, MA 02633	(508) 945- 0283		Prospective Bidder - General Contractor	(508) 945- 0288
Capital Carpet & Flooring Specialists Inc.	5/19/20 17	64 Industrial Way , Wilmington, MA 01887	(781) 935- 9430		Prospective Bidder - General Contractor	(781) 935- 5737
Costa Brothers Masonry, Inc	5/19/20 17	2 Lambeth Park Dr. , Fairhaven, MA 02719	(508) 991- 7634	cbm@costamaso nrv.com	Withdrawn - General Contractor	(508) 991- 7635
Cenedella Masonry Inc.	5/19/20 17	19 East Walnut Street , Milford, MA 01757	(508) 473- 7836		Prospective Bidder - General Contractor	(508) 473- 0380
Homer Contracting, Inc.	5/19/20 17	195 Broadway , Arlington, MA 02474	(781) 648- 3372	info@homercontr acting.com	Prospective Bidder - General Contractor	(781) 648- 4915
West Floor Covering, Inc.	5/19/20 17	42 Winter St. Suite 11, Pembroke, MA 02359		info@westfloorco vering.com	Prospective Bidder - General Contractor	(781) 826- 7073
Acme Waterproofing Co., Inc	5/19/20 17	21 Nightingale Street , Quincy, MA 02169	(781) 982- 2250	info@acmewp.co m	Prospective Bidder - General Contractor	(781) 982- 2694

Air Cleaning Specialist of NE	5/19/20 17	1525 Hanover Street , Hanover, MA 02339	(781) 826- 9755	info@aircleaningn e.com	Prospective Bidder - General Contractor	(781) 829- 0240
P.A. Landers - Hanover Office	5/19/20 17	351 Winter St. P.O. Box 217, Hanover, MA 02339	(781) 826- 8818		Withdrawn - General Contractor	(781) 829- 8934
Greenwood Industries Inc.	5/19/20 17	640 Lincoln St , Worcester, MA 01605	(508) 865- 4040		Prospective Bidder - General Contractor	(508) 865- 1123
Belcour Corporation	5/19/20 17	99 Front St. PO Box 813, Woonsocket, RI 02895	(401) 762- 4685		Prospective Bidder - General Contractor	(401) 762- 4666
The American Service Company	5/19/20 17	35 Hanna Street , Quincy, MA 02169		info@americanser vicecompany.com	Prospective Bidder - General Contractor	(617) 770- 4224
Araujo Bros Plumbing & Heating Inc.	5/4/201 7	224 Nyles Lane , Acushnet, MA 02743	(508) 998- 7006	info@araujobrosp lumbing.com	Prospective Bidder - General Contractor	(508) 998- 1727
	5/19/20 17	200 Tanner Street , Lowell, MA 01852	(978) 441- 2300	imcanesDie@fmir oofino.com	Prospective Bidder - General Contractor	(978) 441- 2316
Lan-Tel Communications, Inc.		1400 Providence Highway Building Suite 2000, Norwood, MA 02062	(781) 551- 8599	info@lan-tel.com	Prospective Bidder - General Contractor	(781) 551- 8667
Fernandes Masonry Inc	5/19/20 17	1031 Phillips Road , New Bedford, MA 02745	(508) 998- 2121	geri@fernandesm asonrv.com	Withdrawn - General Contractor	(508) 985- 0003
Systems Contracting, Inc	5/19/20 17	7 Scobee Circle , Plymouth, MA 02360	(508) 746- 7000	kenbombard@sys teminc.com	Prospective Bidder - General Contractor	(508) 746- 7717
Acoustek Inc	5/19/20 17	20 Ventura Dr. , North Dartmouth, MA 02747	(508) 995- 9563		Prospective Bidder - General Contractor	(508) 995- 9582
Seekonk heating services	5/19/20 17	911 taunton ave , Seekonk, MA 02771	(508) 336- 3069		Prospective Bidder - General Contractor	(508) 336- 0883
Stanley Roofing Co Inc	5/4/201 7	42 Mitchell Rd , lpswich, MA 01938	(978) 356- 7958	jason@stanleyroo f.com	Prospective Bidder - General Contractor	(978) 356- 1499
CJM Services, Inc	5/19/20 17	50 Kerry PI P.O. Box 424, Norwood, MA 02062	(781) 440- 0000	info@cjmservicesi nc.com	Prospective Bidder - General Contractor	(781) 440- 0046
United Steel Inc	5/19/20 17	164 School St , East Hartford, CT 06108	(860) 289- 2323	bciccone@uniteds teel.com	Prospective Bidder - General Contractor	(860) 289- 6350
Brennan Interior Contractors	5/19/20 17	127 Camelot Dr Suite 2, Plymouth, MA 02360	(508) 830- 3830	estimating@brenn ancontractors.co m	Prospective Bidder - General Contractor	(508) 830- 3833
M-V Electrical Contractors, Inc	5/19/20 17	10 Conduit St , Acushnet, MA 02743	(508) 995- 3826		Prospective Bidder - General Contractor	(508) 995- 0151
Pavilion Floors, Inc.	5/19/20 17	90 Commerce Way , Woburn, MA 01801	(781) 933- 8500	info@pavilionfloor s.com	Prospective Bidder - General Contractor	(781) 932- 8844
Brait Builders Corporation	5/19/20 17	506 Plain St. Suite 201, Marshfield, MA 02050	(781) 837- 6400	info@braitbuilders .com	Prospective Bidder - General Contractor	(781) 837- 6022
Silktown Roofing, Inc.	5/19/20 17	134 Ferry Street, South Grafton, MA 01560	(508) 887- 8908		Prospective Bidder - General Contractor	(508) 887- 8918
Solid Earth Technologies Inc.		3 Howe Drive Unit 3, Amherst, NH 03031	(603) 882- 5319		Prospective Bidder - General Contractor	(603) 882- 7822
Mello Electric Co	5/19/20 17	138 Morgan St , Fall River, MA 02721	(508) 679- 3100		Prospective Bidder - General Contractor	(508) 679- 1221
Bello Painting Co.	17	Wevmouth. MA	(781) 331- 5600		Prospective Bidder - General	(781) 331- 5603
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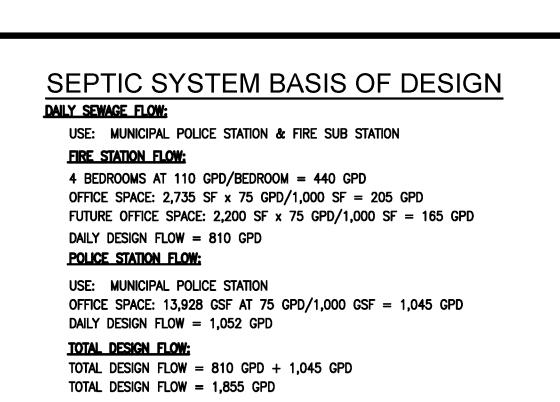
Dagle Electrical		02189 68 Industrial Way	(800) 379-	dec@deccorp.com	Contractor Prospective Bidder	(781) 937-
Construction Corp.	17	, Wilmington, MA 01887	1459		- General Contractor	7678
J.R. Vinagro Corp.	5/19/20 17	2208 Plainfield Pk. , Johnston, Rl 02919	(401) 943- 7100	vanessad@jrvinag rocoro.com	Prospective Bidder - General Contractor	(781) 558- 5780
Titan Roofing Inc.	5/19/20 17	200 Tapley Street , Springfield, MA 01104	(413) 536- 1624	mail@titanroofing .com	Prospective Bidder - General Contractor	(413) 533- 2560
New Generation Painting	5/19/20 17	One Newbury Street, Suite 207, Peabody, MA 01960	(978) 535- 0600		Prospective Bidder - General Contractor	(978) 535- 0677
JM's Painting	5/4/201 7	22 Washington St. , Dedham, MA 02026	(781) 381- 0127		Prospective Bidder - General Contractor	(781) 381- 0164
DDC Construction Inc	17	20 Query Street , New Bedford, MA 02745	(508) 992- 7112	mike@ddcconstru ctioninc.com	Prospective Bidder - General Contractor	(508) 992- 7429
Dandis Contracting Inc	5/19/20 17	1020 Turnpike Street, Unit 12, Canton, MA 02021	(781) 828- 9313	info@dandiscontr acting.com	Prospective Bidder - General Contractor	(781) 828- 9314
CTA Construction Co. Inc.	5/19/20 17	400 Totten Pond Rd Suite 2nd Floor, Waltham, MA 02451	(781) 786- 6600	info@ctaconstruct ion.com	Prospective Bidder - General Contractor	(781) 786- 6670
The Cheviot Corporation	5/19/20 17	55 Fourth Avenue , Needham Hgts, MA 02494	(781) 449- 1100	info@cheviotcorp. com	Prospective Bidder - General Contractor	(781) 449- 1109
Drizos Contracting LLC	5/19/20 17	101 Middlesex Turnpike Ste 6 - 353, Burlington, MA 01803	(978) 460- 2241	info@drizoscontra cting.com	Prospective Bidder - General Contractor	(781) 221- 2245
American Electrical Construction, Inc.	5/19/20 17	180 South Meadow Road Unit C, Plymouth, MA 02360	(508) 747- 5600		Prospective Bidder - General Contractor	(508) 747- 5601
Yankee Sprinkler	5/19/20 17	612R Plymouth St. Ste 1, East Bridgewater, MA 02333	(508) 378- 7212	mpayton@ysc- fire.com	Prospective Bidder - General Contractor	(508) 378- 7215
Setronics	5/19/20 17	5 Executive Park Dr. , North Billerica, MA 01862	(800) 640- 4550	service@setronics. com	Prospective Bidder - General Contractor	
Keltic Painting	5/19/20 17	189 Hill Road , Thompson, CT 06277	(860) 963- 7812		Prospective Bidder - General Contractor	(860) 315- 7073
Kapiloff's Glass, Inc.	5/4/201 7	5 Hoosac St. , Adams, MA 01220	(844) 527- 4527	estimating@kapgl ass.com	Prospective Bidder - General Contractor	(844) 634- 5277
Encore Contracting Services Inc	5/19/20 17	375 Common St, , Lawrence, MA 01840	(978) 258- 1744	jpena@encorecsi. com	Prospective Bidder - General Contractor	(978) 655- 1758
Beacon Waterproofing and Restoration	5/19/20 17	29 Smith PI , Cambridge, MA 02138	(617) 868- 0104		Withdrawn - General Contractor	(617) 868- 0105
Above & Beyond Construction	5/19/20 17	2141 West Crescent Avenue , Park Ridge, IL 60068	(847) 696- 9505		Prospective Bidder - General Contractor	
Empire Masonry Corporation	5/19/20 17	231 Norfolk Street, , Walpole, MA 02081	(508) 660- 1011	smccormick@em piremasonrycorp. com	Prospective Bidder - General Contractor	(508) 660- 1028
Lighthouse Masonary	17	150 John Vertente Blvd. , New Bedford, MA 02745	(508) 995- 0192	contact@lighthou semasonary.com	Prospective Bidder - General Contractor	(508) 207- 1147
Casey Plumbing & Heating,Inc.	17	Harwich Port, MA 02646		info@caseyplumb ing.com	Prospective Bidder - General Contractor	 (500) 274- 1957
Veterans eport Date: 6/1/2017 8		523 Great Road .		mvoner@vetdevco		(781) 659- Page 5 of

Development Corporation	17	Littleton, MA 01460	4 050	rp.com	General Contractor	Ò50 5
F J Roberts Floor	5/19/20 17	44 Garden Street Unit Suite 8, Danvers, MA 01923	(978) 777- 6820		Prospective Bidder - General Contractor	(978) 777- 6821
Robert W Irvine & Sons	5/19/20 17	147 Blossom St , Lynn, MA 01902	(781) 581- 0464		Prospective Bidder - General Contractor	(781) 581- 2860
Northeast Automatic Sprinkler	5/19/20 17	25 Marion Drive, Kingston, MA 02364	(781) 582- 2222		Prospective Bidder - General Contractor	(781) 582- 2211

Planholders				
Company Name	Address	Phone	Email	Fax
North Shore Steel Co.	16 Oakville Street P.O. Box 330, Lynn, MA 01905	(781) 598- 1645	jncburrill@gmail.com	(781) 598- 9700
V & G Iron Works	1500 Shawsheen St. , Tewksbury, MA 01876	(978) 851- 9191	leab@vgiron.com	(978) 851- 9171
Kaestle Boos Associates Inc Massachusetts	325 Foxborough Blvd. Ste. 100, Foxboro, MA 02035	(508) 549- 9906		(508) 549- 9907
Intelligent Signage	45 Chapel Road , Amherst, MA 01002	(413) 253- 9147		(413) 253- 9084
Harold Brothers Mechanical	44 Woodrock Rd , Weymouth, MA 02189	(781) 871- 2111	info@haroldbros.com	(781) 871- 2002
F.W. Webb Company - Methuen	700 Broadway, , Malden, MA 02148	(781) 322- 7111		(781) 325- 7051
Heritage Iron Works	P.O. Box 609 , Centerville, MA 02632	(508) 778- 9383		(508) 778- 9383
Viking Industries Inc	32 Spring St., Barrington, RI 02806	(401) 246- 1855		(401) 246- 1366
Maron Construction Co., Inc	180 Buttonhole Drive , Providence, RI 02909	(401) 272- 4930		(401) 751- 7192
Acranom Masonry	80 Industrial Park Rd , Middletown, CT 06457	(860) 349- 9000		
American Energy Management	221 Boston Post Road East , Marlborough, MA 01752	(508) 480- 8200		(508) 485- 0669
SpaceSaver Corporation	1450 Janesville Avenue , Fort Atkinson, WI 53538	(920) 563- 6362		(920) 563- 2702
Nexus Building Automation	7 Crescent Ave , Scituate, MA 02066	(339) 526- 0045		(781) 545- 7764
A Jandris & Sons	202 High St, , Gardner, MA 01440	(978) 632- 0089		(978) 632- 6065
Trova Design Consultants, Inc	2 South Street, Suite 230, Pittsfield, MA 01201	(413) 464- 0197	info@trovadesign.com	
Renewable Construction Services	1130 Acushnet Avenue , New Bedford, MA 02746	(508) 281- 2058		
Air Distribution Corporation	353 Howard Street , Brockton, MA 02302	(781) 828- 9595	info@air-distribution.com	(781) 828- 9656
Southern Aluminum Finishing Co.	1581 Huber St NW , Atlanta, GA 30318	(404) 355- 1560		(404) 350- 0581

Contracts					
Classification General Contractor	Conditions	Bonding Bid:5.00%,Perf:100.0 0%,Pay:100.00%	Bid Date 6/14/2017	Bids To Owner	Bid Type Open Bidding

History				
User	Viewed	First Viewed Date	Currently Tracked?	Date Tracked
Adam Sweet	True	5/5/2017	False	



LEACHING REQUIREMENTS:

PERC. RATE: <2 MIN./IN.

CLASS | SOIL - LOADING RATE= 0.74 GPD/SF

LEACHING TRENCH CONFIGURATION - 85' LONG

SIDE AREA = (2) x 2' x 85' = 340 s.f.
340 s.f. x 0.74 = 251 GPD

BOTT. AREA = (1) x 2' x 85' = 170 s.f.
170 s.f. x 0.74 = 125 GPD

CAPACITY PER TRENCH= 376 GPD

USE 5 TRENCHES = 1,880 GPD > 1,855 GPD

TWO COMPARTMENT SEPTIC TANK WITH 72 HOUR STORAGE CAPACITY USE 6,000 GAL. SEPTIC TANK.

SEPTIC SYSTEM GENERAL NOTES:

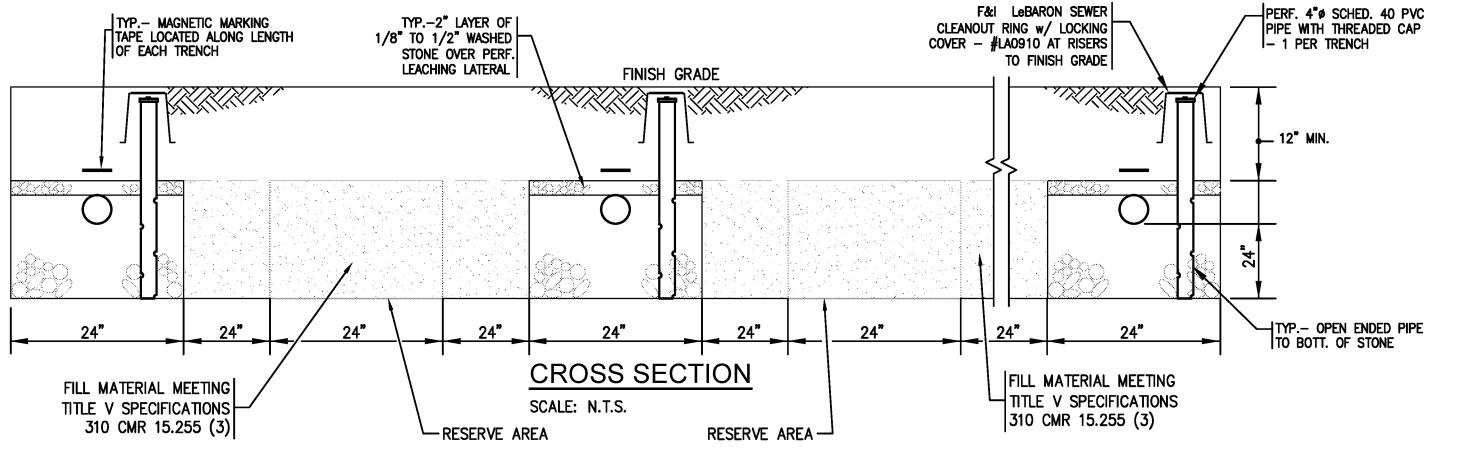
- 1. THE SANITARY SEWAGE DISPOSAL SYSTEM SHOWN SHALL BE INSTALLED IN ACCORDANCE WITH THE COMMONWEALTH OF MASSACHUSETTS STATE ENVIRONMENTAL CODE 310 CMR 15.00 (TITLE V) AND ANY LOCAL BOARD OF HEALTH REGULATIONS.
- 2. PRIOR TO START OF CONSTRUCTION, UNLESS SPECIFICALLY EXCUSED BY THE B.O.H. AGENT, THE SYSTEM INSTALLER SHALL MEET WITH THE B.O.H. AGENT FOR A PRE—CONSTRUCTION MEETING IN ORDER TO ESTABLISH THE PROCEDURES BY WHICH THE SYSTEM INSTALLER SHALL ASSURE THAT THE CONSTRUCTION COMPLIES
- WITH ALL OF THE REQUIREMENTS OF TITLE 5 & THE LOCAL B.O.H. REGS.

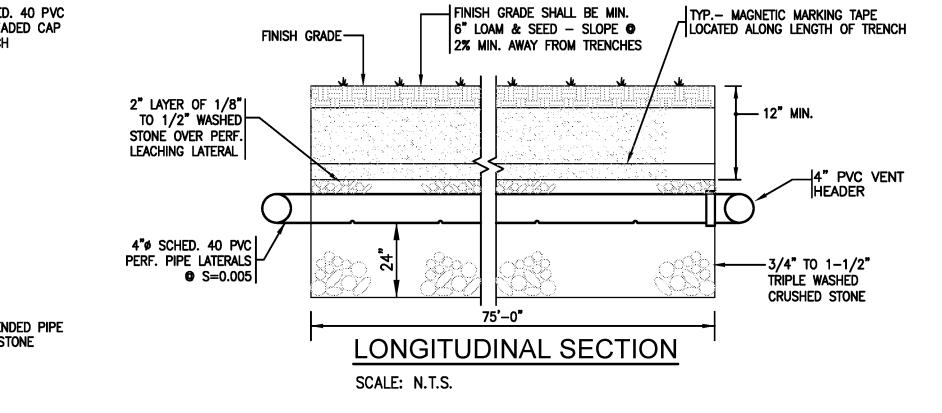
 3. ANY MODIFICATION TO THE WORK SHALL BE APPROVED IN WRITING BY THE ARCHITECT/ENGINEER AND THE LOCAL BOARD OF HEALTH PRIOR TO PERFORMANCE.
- LOCAL BOARD OF HEALTH PRIOR TO PERFORMANCE.

 4. SOIL LOGS ARE INDICATIVE OF CONDITIONS ENCOUNTERED AT THE TIME & LOCATION OF TEST ONLY.
- 5. UNSUITABLE MATERIAL IN THE DISPOSAL AREA SHALL BE REMOVED & REPLACED WITH MATERIAL TO THE LIMITS SHOWN HEREIN. EXCAVATION & NEW MATERIAL SHALL BE APPROVED BY THE ENGINEER & LOCAL BOARD OF HEALTH. FILL MATERIAL SHALL MEET THE GRADATION REQUIREMENTS OF 310 CMR 15.255(3).
- 6. STONE SHALL BE OF SIZES SHOWN, TRIPLE WASHED, AND HAVE LESS THAN 0.2% MATERIAL FINER THAN #200 SIEVE WHEN IN PLACE, & TESTED IN ACCORDANCE WITH A.A.S.H.T.O. #T-11 & T-27.
- 7. SEWER PIPING AND FITTINGS SHALL BE ASTM D-1785 AND D-2466 SCHEDULE 40 PVC. SOLVENT CEMENTED JOINTS SHALL MEET THE REQUIREMENTS OF ASTM D-2564.
- 8. SEPTIC TANK & PUMP CHAMBER SHALL BE H-20 DESIGN REINFORCED CONCRETE PRECAST MANUFACTURED BY ROTONDO PRECAST OR APPROVED EQUAL.
- 9. SYSTEM IS NOT DESIGNED FOR USE WITH GARBAGE GRINDER.
- 10. NOTIFY LOCAL BOARD OF HEALTH AND ARCHITECT/ ENGINEER WHEN SYSTEM IS COMPLETED AND READY FOR INSPECTION PRIOR TO BACKFILL.
- 11. NO HEAVY CONSTRUCTION EQUIPMENT SHALL BE RUN OVER THE COMPONENTS OR THE PREPARED SEWAGE DISPOSAL SYSTEM. CONTRACTOR TO FURNISH AND INSTALL STAKED ORANGE SAFETY FENCING AROUND SYSTEM.
- 12. PRIOR TO ANY EXCAVATION, IN ADDITION TO "DIG SAFE", NOTIFY APPROPRIATE UTILITY COMPANY OR AUTHORITY TO VERIFY EXACT DEPTH AND LOCATIONS OF UNDERGROUND UTILITIES. LOCATIONS OF UTILITIES SHOWN ARE APPROXIMATE ONLY AND THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE AND PROTECT PROTECT UTILITIES IN THE FILED WHETHER OR NOT SHOWN ON THE DRAWINGS.
- 13. IN THE COURSE OF INSTALLING THE LEACHING FACILITY, REMOVE ANY ABANDONED FOUNDATION, UTILITY STRUCTURES, ETC. ENCOUNTERED WHICH INTERFERE WITH THE LEACHING FACILITY. ALL SUCH STRUCTURES SHALL BE COMPLETELY REMOVED AND SHALL BE REPLACED WITH FILL MEETING TITLE V CRITERIA.
- 14. THE ENGINEER WILL INSPECT THE BOTTOM OF UNSUITABLE MATERIAL EXCAVATION AND THE INSTALLATION OF THE FIELD PRIOR TO BACKFILL. THE CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO THE ENGINEER 72 HOURS PRIOR TO TIME OF EACH INSPECTION.

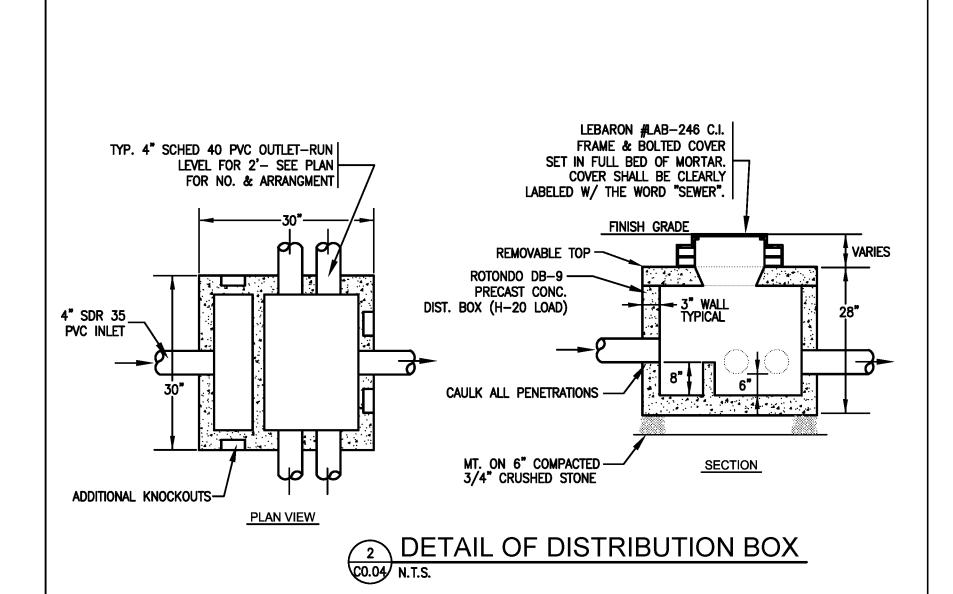
SEPTIC TANK TESTING NOTES:

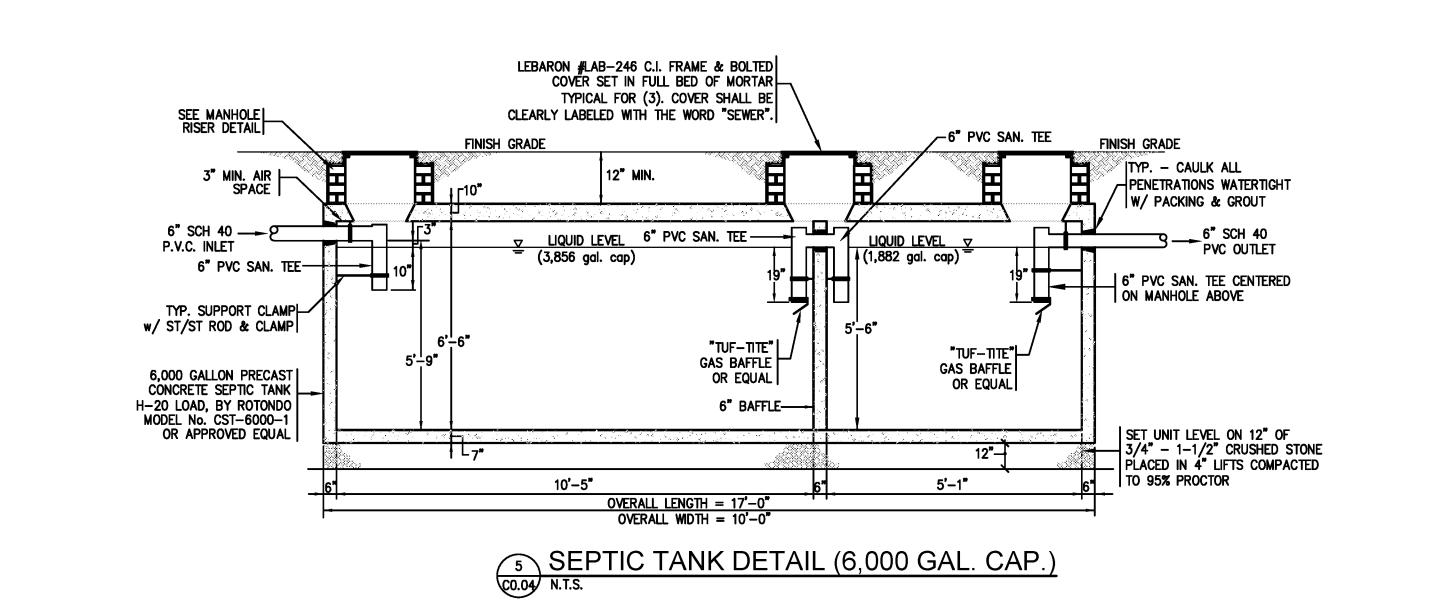
- 1. SEPTIC TANK SHALL BE TESTED FOR WATER TIGHTNESS AFTER INSTALLATION. TEST SHALL BE PERFORMED IN THE PRESENCE OF THE DESIGN ENGINEER & LOCAL HEALTH AGENT. TEST PROCEDURE SHALL CONSIST OF THE
- a. CONTRACTOR SHALL PLUG INLET AND OUTLET OF SEPTIC TANK.
- b. CONTRACTOR SHALL FILL SEPTIC TANK WITH WATER TO THE UNDERSIDE OF THE TOP SLAB. TANK SHALL REMAIN FILLED FOR A PERIOD OF 48 HOURS.
- c. WATER LEVEL SHALL BE MEASURED AT THE END OF THE 48-HOUR PERIOD. WATER LEVEL IS INTENDED TO BE MAINTAINED WITHOUT ANY DROP.
- d. THE DESIGN ENGINEER AND BOARD OF HEALTH AGENT SHALL MAKE DETERMINATION FOR THE NEED OF ANY FURTHER REMEDIAL WORK.

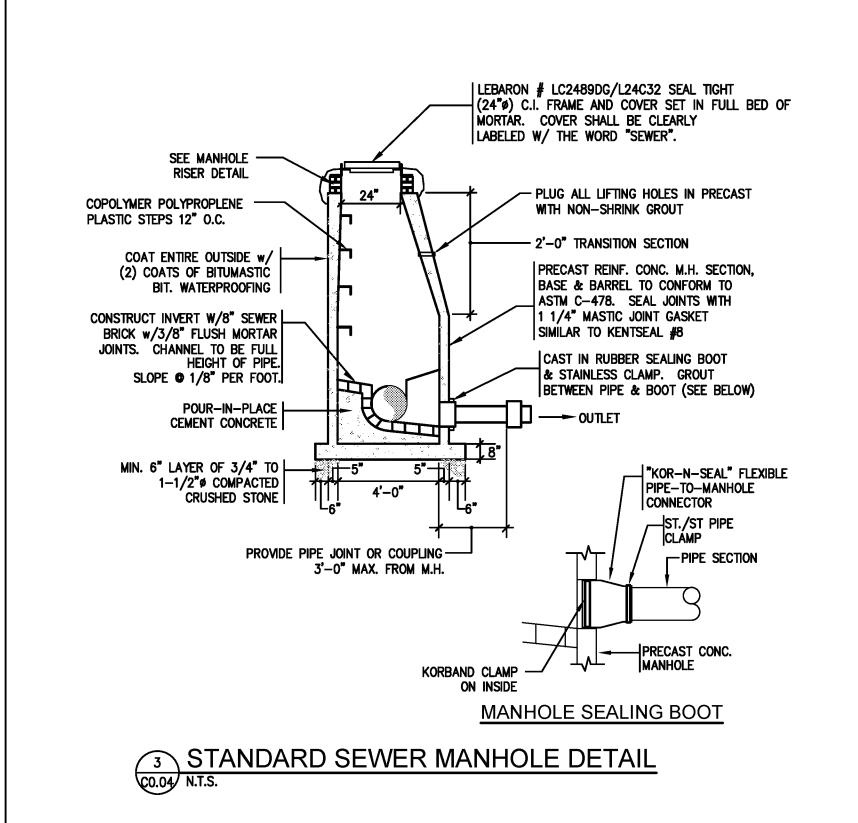


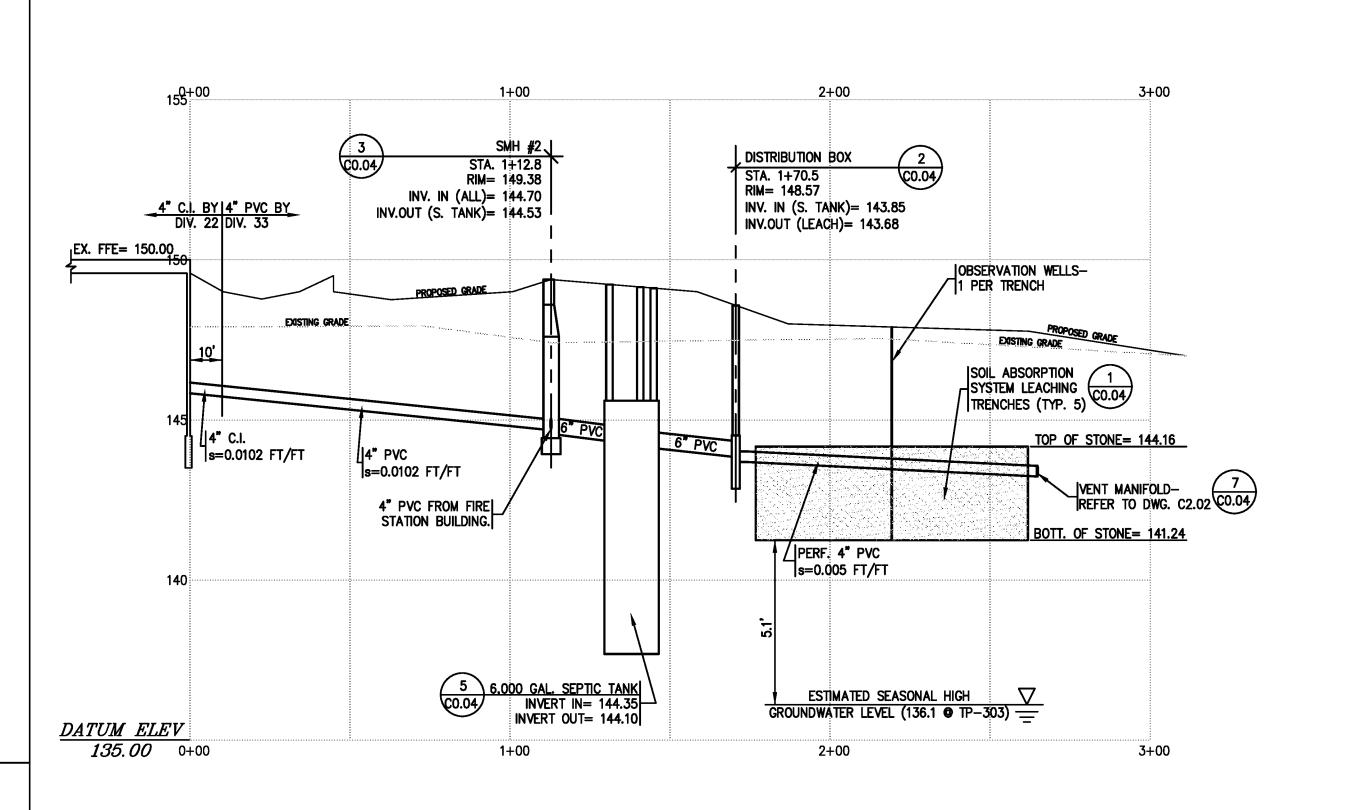


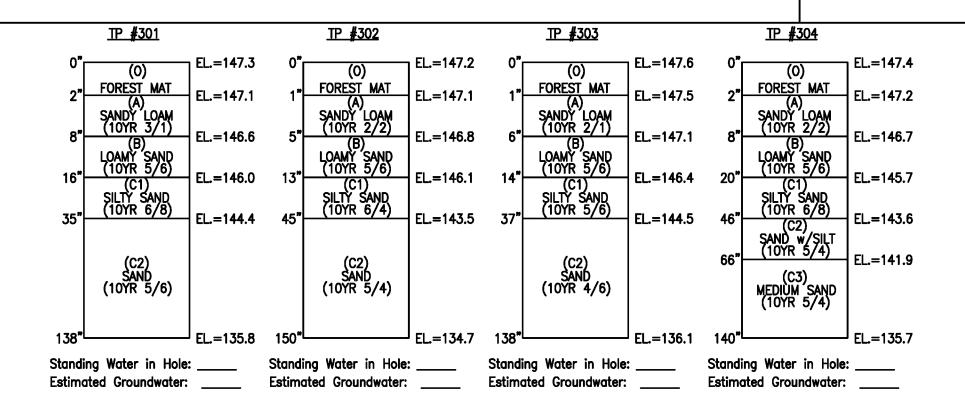
1 LEACHING TRENCH CROSS SECTION CO.04 SCALE: N.T.S.







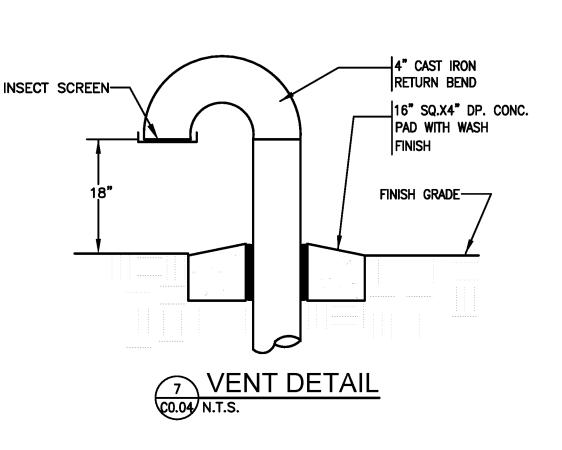




4 POLICE-FIRE STATION SOILS LOG

1. TEST PITS #301 THRU 304 WERE PERFORMED ON APRIL 3, 2017 BY NATHAN C. KETCHEL, EIT (SE12894) & OBSERVED BY DARREN M. MEYER, RS OF THE SANDWICH BOARD OF HEALTH.

2. ESTIMATED GROUNDWATER ELEVATIONS ARE BASED ON UTILIZING THE CAPE COD COMMISSION TECHNICAL BULLETIN 92-001: ESTIMATION OF HIGH GROUND-WATER LEVELS FOR CONSTRUCTION AND LAND USE PLANNING, UPDATED 1991, REVISED 2006 UTILIZING WELL SDW-252 IN ZONE A WITH WELL READINGS FROM FEBRUARY 2017.



PROFILE OF SUBSURFACE SEPTIC DISPOSAL SYSTEM PORTION OF THE SCALE: 1"= 30" VERTICAL SCALE: 1"= 3"

TOP OF FOUND. = $150.00 (PD)/149.80 (FD)$	INV IN TANK = 144.35	BOT. OF TRENCH = 141.24
INV AT BUILD = VARIES	INV OUT TANK = 144.10	WATER = >136.1
FIN. GR AT FOUND. = VARIES	INV IN D-BOX = 143.85	
	INV OUT D-BOX = 144.68	

KAESTLE BOOS associates, inc

416 Slater Road, P.O. Box 2590, New Britain, CT 06050-2590 Phone: 860-229-0361 Δ Fax: 860-229-5303

325 Foxborough Boulevard, Suite 100, Foxborough, MA 02035 Phone: 508-549-9906 **△** Fax: 508-549-9907



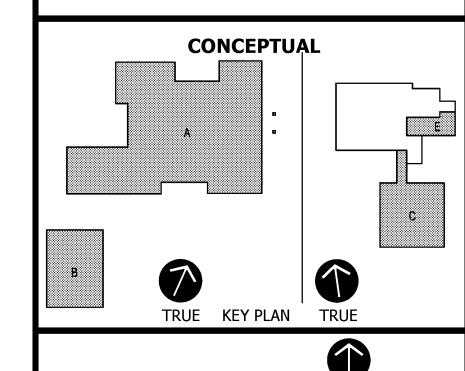
GARCIA GALUSKA DESOUSA
CONSULTING ENGINEERS INC.
370 Faunce Corner Road, Dartmouth, MA 02747 - 1271
508 - 998 - 5700 FAX 508 - 998 - 0883 E - MAIL info@g - g - d . com

DATE DESCRIPTION
05/03/2017 ISSUED FOR BID &

CONSTRUCTION

REVISIONS
DATE DESCRIPTION

FOR ALL ABBREVIATIONS, SYMBOL LEGENDS, AND GENERAL NOTES SEE SHEET R0.01



SCALE: AS NOTED



PROJECT

SANDWICH PUBLIC SAFETY COMPLEX & FIRE SUB STATION

#2

251 COTUIT RD - 255 COTUIT RD -466 ROUTE 6A EAST SANDWICH, MA 02537

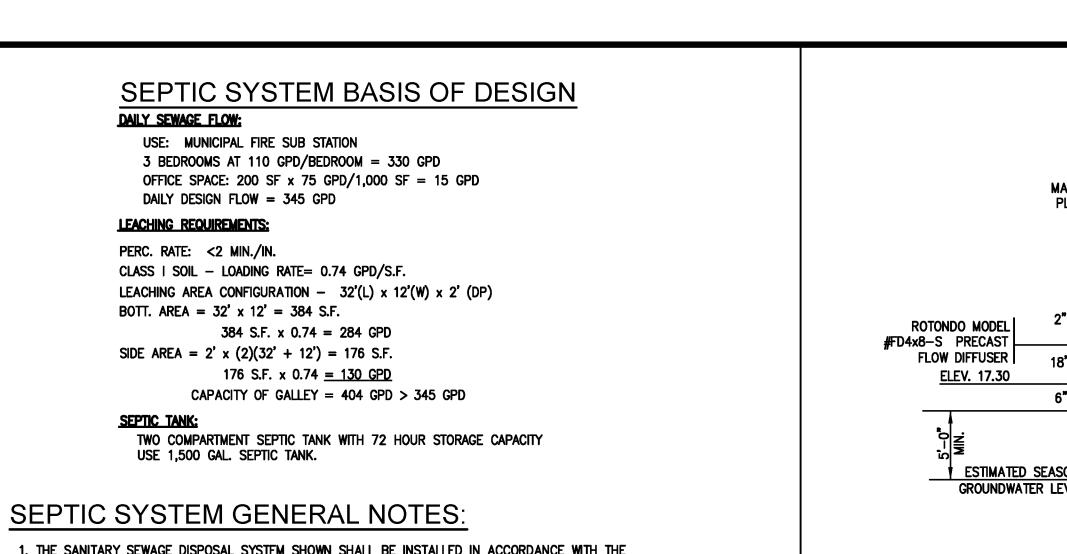
PROJECT NO.: 11046.08

SITE SEPTIC DETAILS - PUBLIC

DETAILS - PUBLIC SAFETY COMPLEX

CO.04

DRAWN BY: NCK



- 1. THE SANITARY SEWAGE DISPOSAL SYSTEM SHOWN SHALL BE INSTALLED IN ACCORDANCE WITH THE COMMONWEALTH OF MASSACHUSETTS STATE ENVIRONMENTAL CODE 310 CMR 15.00 (TITLE V) AND ANY LOCAL BOARD OF HEALTH REGULATIONS.
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- 3. ANY MODIFICATION TO THE WORK SHALL BE APPROVED IN WRITING BY THE ARCHITECT/ENGINEER AND THE LOCAL BOARD OF HEALTH PRIOR TO PERFORMANCE.
- 4. SOIL LOGS ARE INDICATIVE OF CONDITIONS ENCOUNTERED AT THE TIME & LOCATION OF TEST ONLY. 5. UNSUITABLE MATERIAL IN THE DISPOSAL AREA SHALL BE REMOVED & REPLACED WITH MATERIAL TO THE LIMITS SHOWN HEREIN. EXCAVATION & NEW MATERIAL SHALL BE APPROVED BY THE ENGINEER & LOCAL BOARD OF HEALTH, FILL MATERIAL SHALL MEET THE GRADATION REQUIREMENTS OF 310 CMR 15.255(3).
- 6. STONE SHALL BE OF SIZES SHOWN, TRIPLE WASHED, AND HAVE LESS THAN 0.2% MATERIAL FINER THAN
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- 10. NOTIFY LOCAL BOARD OF HEALTH AND ARCHITECT/ ENGINEER WHEN SYSTEM IS COMPLETED AND READY FOR INSPECTION PRIOR TO BACKFILL.
- 11. NO HEAVY CONSTRUCTION EQUIPMENT SHALL BE RUN OVER THE COMPONENTS OR THE PREPARED SEWAGE DISPOSAL SYSTEM. CONTRACTOR TO FURNISH AND INSTALL STAKED ORANGE SAFETY FENCING AROUND SYSTEM. 12. PRIOR TO ANY EXCAVATION, IN ADDITION TO "DIG SAFE", NOTIFY APPROPRIATE UTILITY COMPANY OR AUTHORITY TO VERIFY EXACT DEPTH AND LOCATIONS OF UNDERGROUND UTILITIES. LOCATIONS OF UTILITIES
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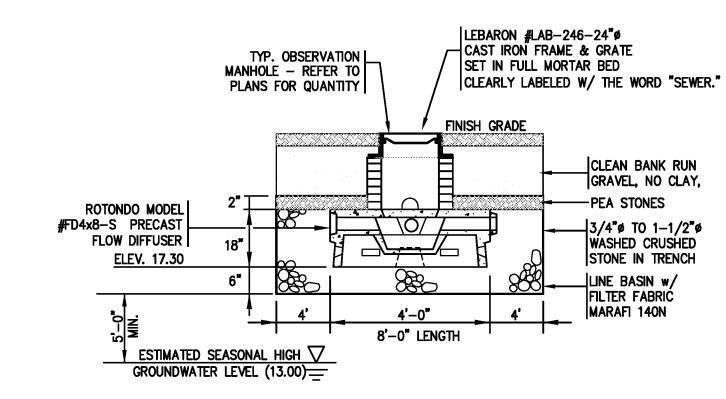
SHOWN ARE APPROXIMATE ONLY AND THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE AND PROTECT

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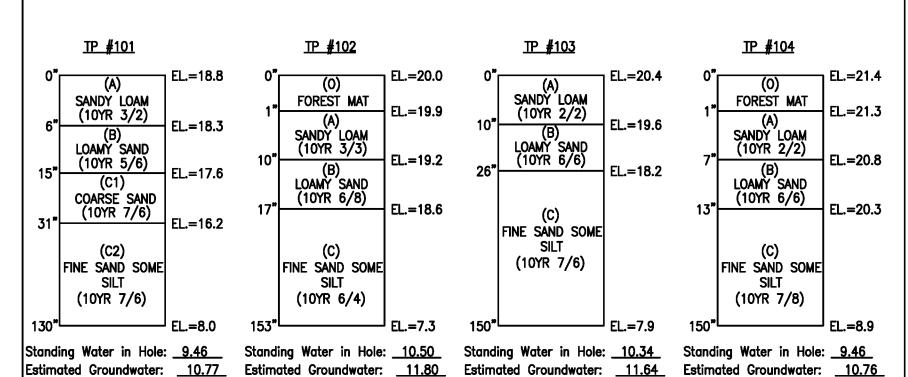
SEPTIC TANK TESTING NOTES:

72 HOURS PRIOR TO TIME OF EACH INSPECTION.

- 1. SEPTIC TANK SHALL BE TESTED FOR WATER TIGHTNESS AFTER INSTALLATION. TEST SHALL BE PERFORMED IN THE PRESENCE OF THE DESIGN ENGINEER & LOCAL HEALTH AGENT. TEST PROCEDURE SHALL CONSIST OF THE
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- b. CONTRACTOR SHALL FILL SEPTIC TANK WITH WATER TO THE UNDERSIDE OF THE TOP SLAB. TANK SHALL REMAIN FILLED FOR A PERIOD OF 48 HOURS.
- c. Water Level shall be measured at the end of the 48-hour period. Water level is intended TO BE MAINTAINED WITHOUT ANY DROP.
- d. THE DESIGN ENGINEER AND BOARD OF HEALTH AGENT SHALL MAKE DETERMINATION FOR THE NEED OF ANY FURTHER REMEDIAL WORK.



SEPTIC FLOW DIFFUSER DETAIL

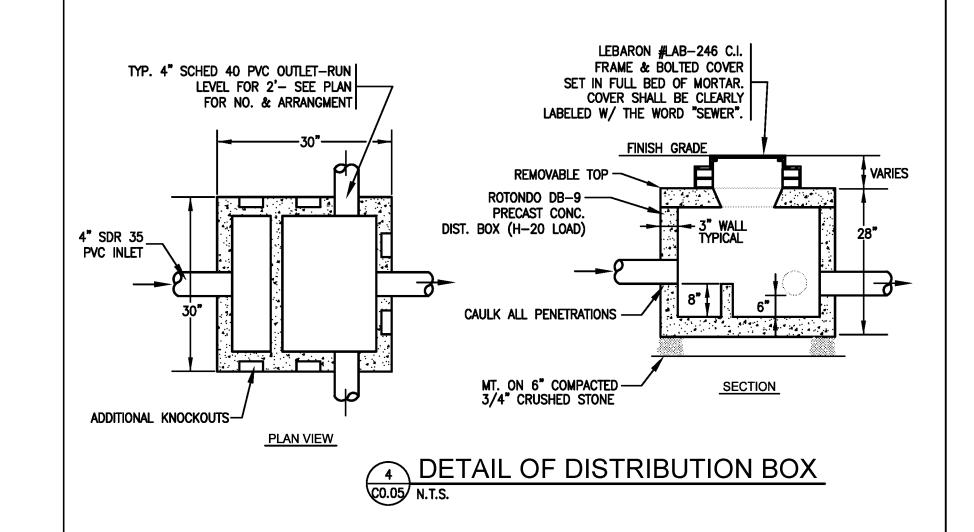


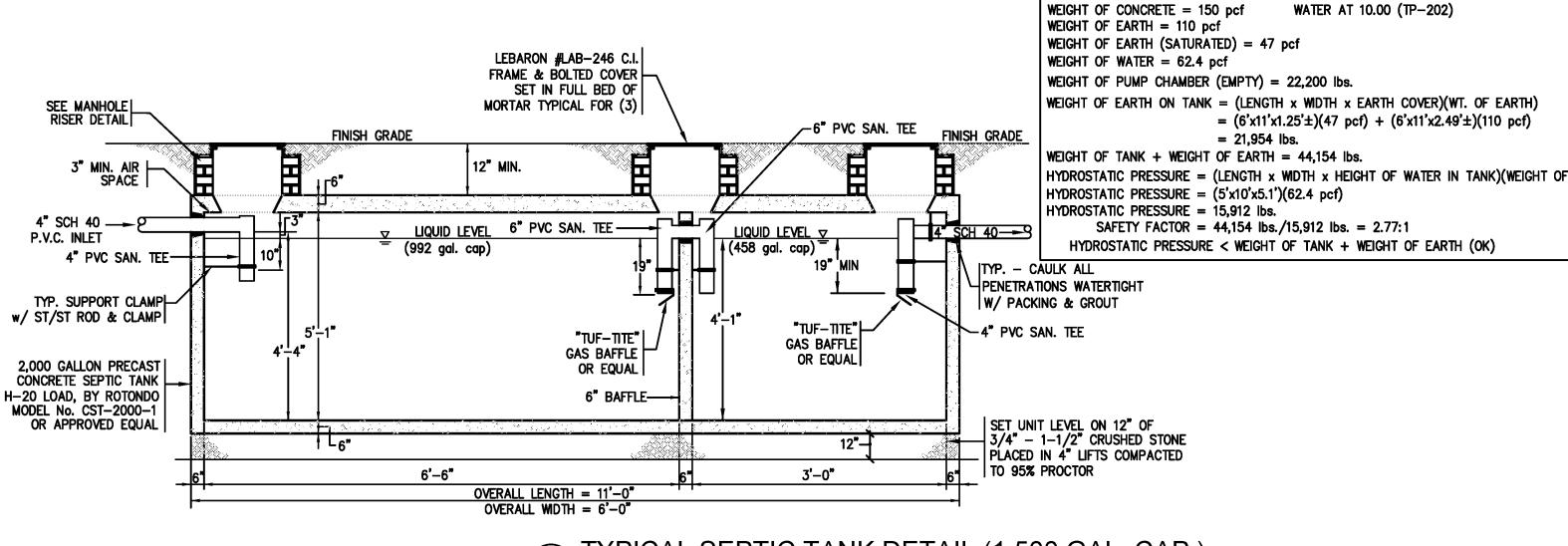
1. TEST PITS #101 THRU 104 WERE PERFORMED ON MARCH 23, 2017 BY NATHAN C. KETCHEL, EIT (SE12894) & OBSERVED BY DARREN M. MEYER, RS OF THE SANDWICH

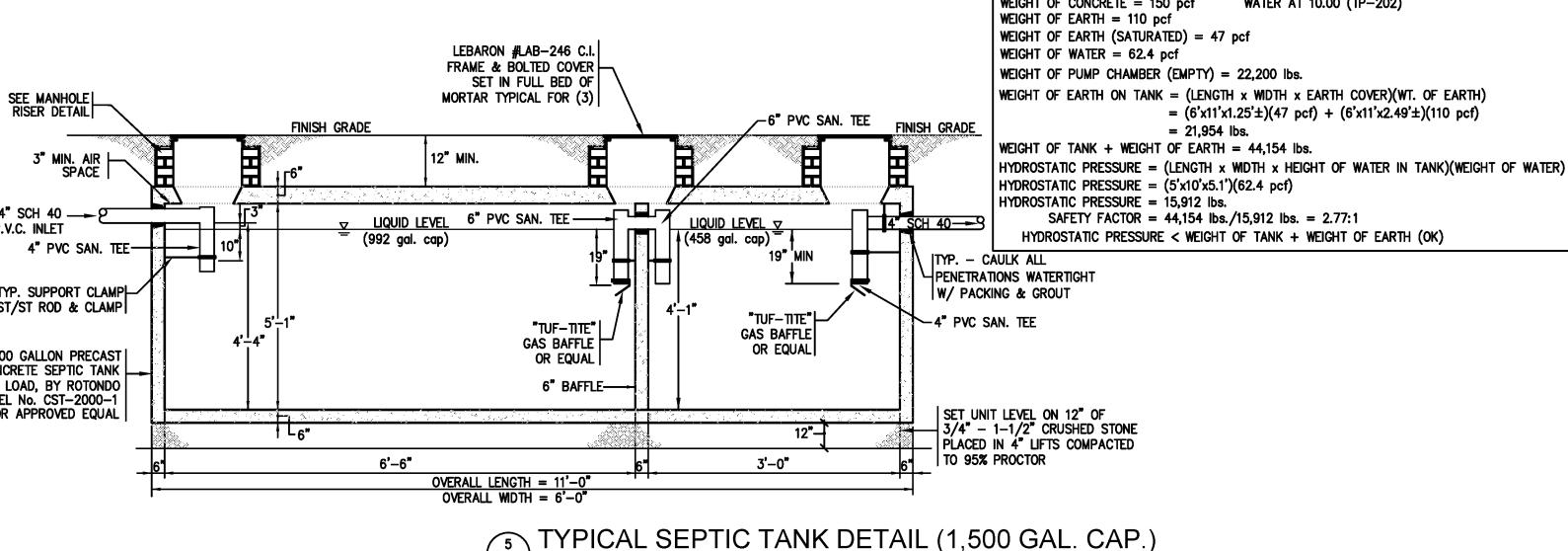
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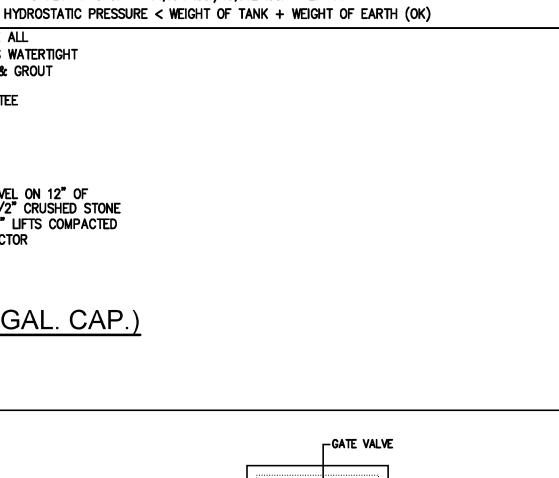
FIRE SUB STATION #2 SOILS LOG

BOARD OF HEALTH.









3" OPW FEMALE ADAPTER
WITH COVER

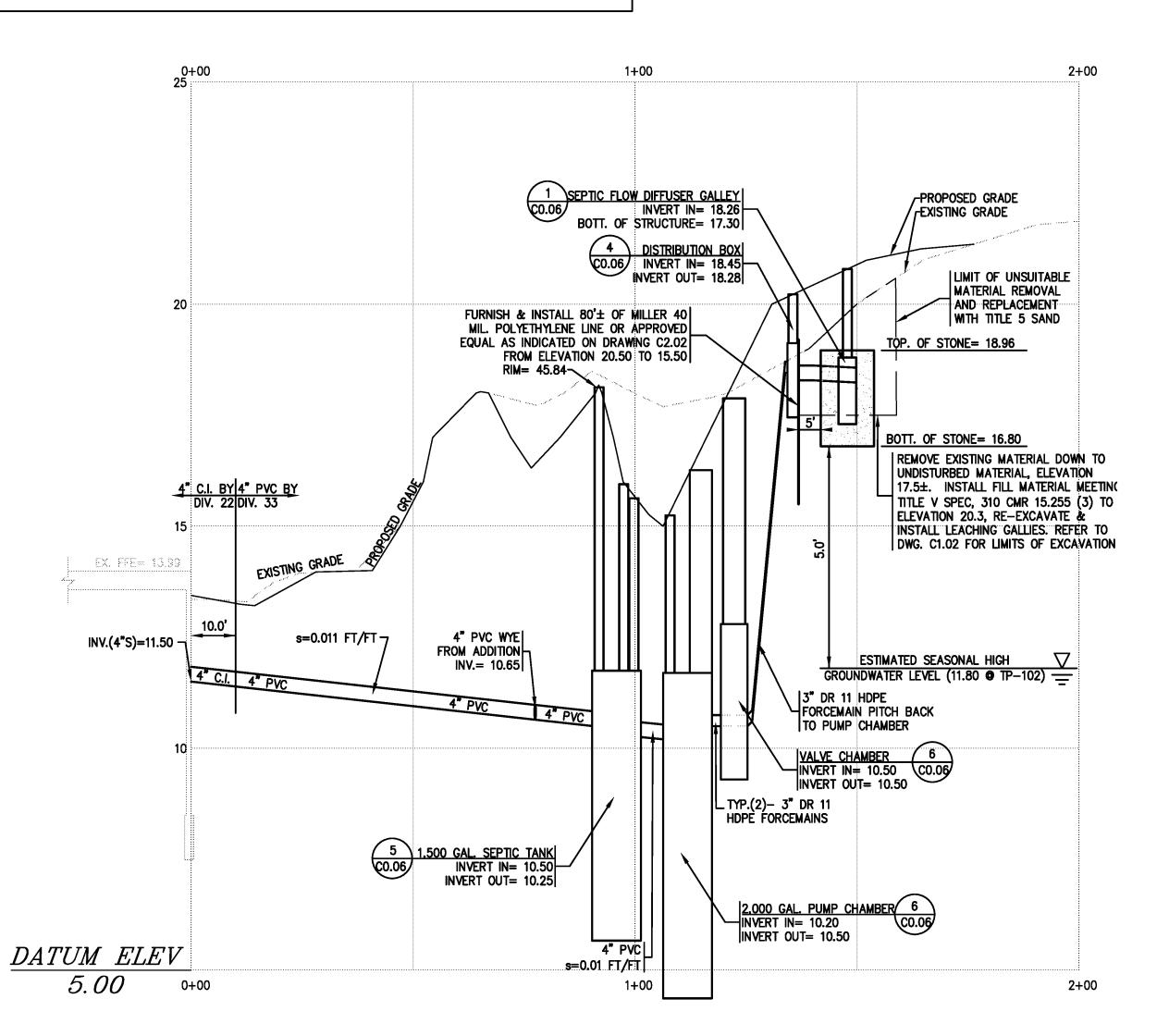
PLAN VIEW OF VALVE CHAMBER

BUOYANCY CALCULATIONS FOR 1,500 GALLON PRECAST CONC. SEPTIC

ASSUMPTIONS:

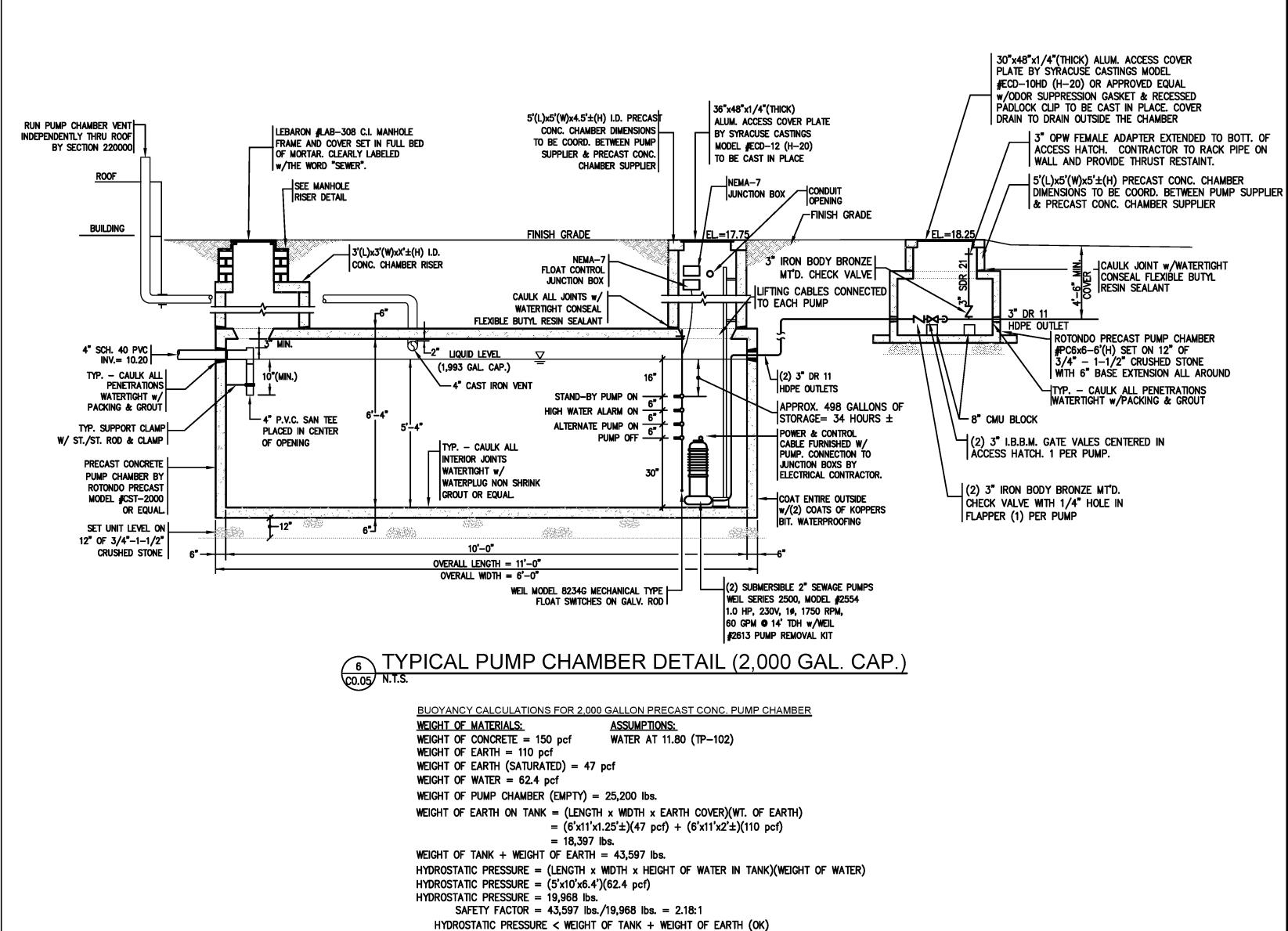
7 BLANK

WEIGHT OF MATERIALS:



PROFILE OF SUBSURFACE SEPTIC DISPOSAL SYSTEM C0.05 HORIZONTAL SCALE: 1"=20" VERTICAL SCALE: 1"=2"

TOP OF FOUND. = 13.99	INV IN (SEPTIC TANK) = 10.50	INV IN D-BOX = 18.45
NV AT BUILD = 11.50	INV OUT (SEPTIC TANK) = 10.25	INV OUT D-BOX = 18.28
FIN. GR AT FOUND. = 13.42	INV IN (PUMP CHAMBER) = 10.20	BOT. OF BED = 16.80
	INV OUT (PUMP CHAMBER) = 10.50	WATER = 11.80



K/ESTLE BOOS associates, inc

416 Slater Road, P.O. Box 2590, New Britain, CT 06050-2590

325 Foxborough Boulevard, Suite 100, Foxborough, MA 02035



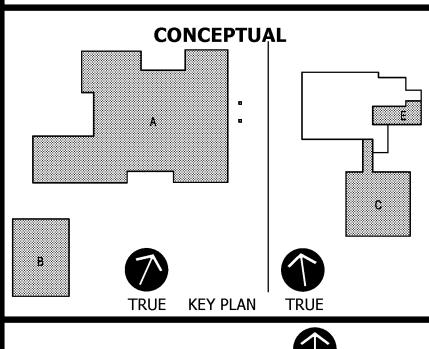
GARCIA GALUSKA DESOUSA CONSULTING ENGINEERS 370 Faunce Corner Road, Dartmouth, MA 02747 - 127 508 - 998 - 5700 FAX 508 - 998 - 0883 E - MAIL info@g - g - d . com

ISSUE DATE DATE DESCRIPTION 05/03/2017 ISSUED FOR BID & CONSTRUCTION

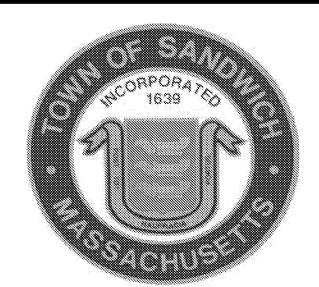
REVISIONS

DESCRIPTION

FOR ALL ABBREVIATIONS, SYMBOL LEGENDS, AND GENERAL NOTES SEE SHEET R0.01



SCALE: AS NOTED



PROJECT

SANDWICH PUBLIC **SAFETY COMPLEX &** FIRE SUB STATION #2

251 COTUIT RD - 255 COTUIT RD -**466 ROUTE 6A EAST SANDWICH, MA 02537**

PROJECT NO.: 11046.08

SITE SEPTIC **DETAILS - FIRE SUB STATION #2**

> DRAWING NO.: **C0.05**

DRAWN BY: NCK