

Templeton Center Elementary School - General Bid

<u>Category:</u> Elementary, Pre Schools, Roads <u>Street Address:</u> 17 South Rd. Templeton MA 01468

<u>County:</u> Worcester

Bid Date: 10/11/2017, 03:00PM
Architect: Symmes Maini & McKee Associates

(SMMA)

Documents Available: Plans, Specs, Addenda available in

Insight

Last Update: 9/11/2017

 Project ID #:
 1001155019

 Confirmed Value
 \$36,000,000.00

 Stage:
 BIDDING - Biddate Set

Plans available from BFS Business Printing

Plans, Specs were Added/Updated

Project Events		
Event	Date	Details
Bid Date	10/11/2017,03:00PM	Rebid from 07/19/2017 at 1:00 PM ET. Blds Received by Town of Templeton , 690 Patriots Road Templeton, MA 01468
Pre-Bid Meeting	9/14/2017 , 09:00AM	Pre-bid Meeting: 9/14/17 @ 9:00 A.M. An orientation, site inspection and pre- bid meeting will be held at Templeton Center Elementary School, 17 South Road, Templeton, MA 01468. All bidders and sub-bidders are invited and encouraged to attend this meeting.
Start Date	12/11/2017	Actual Start Date

Notes

Scope

Site work and new construction of a mixed-use development in Templeton, Massachusetts. Completed plans call for the construction of a educational facility; and for site work for a educational facility. Town of Templeton, invites sealed bids for the Templeton Elementary School, Templeton MA per drawings and specifications dated 8/30/17. Scope of work includes construction of a new elementary school, site preparation, including demolition of existing structure; general construction; building services and sitework. Qualified sub-bidders are sub-bidders who are Certified by Massachusetts Division of Capital Asset Management (DCAM) for the category of work and the dollar amount of this project, and who have been prequalified by the awarding authority for this Project pursuant to St. 2004, c. 193, 19.

<u>Notes</u>

Bid Date: 10/11/2017 03:00PM Rebid from 07/19/2017 at 1:00 PM ET. Blds Received by Town of Templeton , 690 Patriots Road Templeton, MA 01468 Pre-Bid Meeting: 09/14/2017 09:00AM Pre-bid Meeting: 9/14/17 @ 9:00 A.M. An orientation, site inspection and pre-bid meeting will be held at Templeton Center Elementary School, 17 South Road, Templeton, MA 01468. All bidders and sub-bidders are invited and encouraged to attend this meeting. Development include(s): New Construction, Site Work

Details

[Division 2]: Building Demolition, Hazardous Material Abatement, Clearing, Dewatering, Underpinning, Earthwork, Grading, Slope Protection & Erosion Control, Paving & Surfacing, Unit Pavers, Water Systems, Sewerage & Drainage, Irrigation, Fences & Gates, Landscaping. [Division 3]: Concrete Formwork, Concrete Reinforcement, Structural Concrete, Structural Precast Concrete, Cementitious Decks. [Division 4]: Clay Unit Masonry, Granite. [Division 5]: Structural Steel, Metal Joists, Metal Decking, Cold Formed Metal Framing, Metal Fabrications, Metal Stairs, Metal Railings, Ornamental Metals. [Division 6]: Rough Carpentry, Finish Carpentry, Architectural Woodwork, Plastic Fabrications. [Division 7]: Waterproofing, Dampproofing, Insulation, Exterior Insulation & Finish Systems, Fireproofing, Firestopping, Manufactured Roofing & Siding, Membrane Roofing, Skylights. [Division 8]: Metal Doors, Wood Doors, Coiling Doors and Grilles, Sectional Overhead Doors, Entrances & Storefronts, Metal Windows, Wood Windows, Hardware, Glass & Glazing, Curtain Walls. [Division 9]: Ceiling Suspension Systems, Lath & Plaster, Drywall/Gypsum, Tile, Terrazzo, Acoustical Ceilings, Acoustical Walls, Wood Flooring, Resilient Flooring, Painting. [Division 10]: Visual Display Boards, Compartments & Cubicles, Louvers & Vents, Wall & Corner Guards, Flagpoles, Interior Signs, Lockers, Protective Covers, Partitions, Operable Partitions, Toilet & Bath Accessories. [Division 11]: Audio-Visual Equipment, Vehicle Service Equipment, Parking Control Equipment, Loading Dock Equipment, Fluid Waste Treatment/Disposal Equipment, Food Service Equipment, Athletic Equipment, Laboratory Equipment. [Division 13]: Ground Storage Tanks. [Division 14]: Elevators, Material Handling Systems. [Division 15]: Mechanical Insulation, Fire Protection Systems, Plumbing Piping, Plumbing Fixtures, Water Heaters, Hydronic Piping, HVAC Pumps, Boilers, Packaged A/C Units, Air Handling, Ductwork, Testing & Balancing. [Division 16]: Service/Distribution, Interior Lighting, Exterior L

Additional Details

Listed On: 11/20/2009

Contract Type: Stage Comments 1:

Stage Comments 2:

Bid Date: 10/11/2017

<u>Invitation #:</u> MSBA ID 200807200020

Structures: Single Trade Project:

Floors:

Parent Project ID: Parking Spaces: Floor Area:

Work Type:

Floors Below Grade:

Owner Type: Mandatory Pre Bid Conference: New

City

12/11/2017

Commence Date:

Completion Date: Site Area:

LEED Certification Intent:

<u>Units:</u>

Company Ro	le	Compa	ny Nam			Addre	SS	Phone	Email		Fax
Owner		Town of	f Templet	Name on			triot Rd. , eton, MA	(978) 939- 8801			(978) 939 4065
Owner, Tenant		Narraga Regiona District	ansett al School			462 Ba	Baldwinville,	(978) 939- 5661			(978) 939 5179
Plans Represer	itative	BFS Bus	siness Pri	nting		76 S. S 02111	t. , Boston, MA	(617) 482- 7770			(617) 423 2071
Awarded - Arch	itect		s Maini & Associate)	Joel Seele s	Э У	1000 M			jseeley@	smma.com	(617) 354 5758
Owner, Tenant		Narraga		Tim Alix			ldwinville Baldwinville, 136	(413) 592- 0030	tim.alix@	ocolliers.com	(978) 939 5179
Bidders											
Company Name	Conta Name		Added Date	Address	Pho	ne	Email	Bidding Ro	le Bid Rank	Bid Value	Fax Number
Fraser Engineering	Matthe Scofiel	_	9/7/201 7	65 Court Street PO Box 9142, Newton, MA 02460	3700) 332-)	mscofield@fra serengineering .com				(617) 332 5706
G.V.W. Inc.	Gina D	iCenso		1200 Bennington St., East Boston, MA 02128) 567-)	gdicenso@gv winc.com	Prospective Bidder - General Contractor			(617) 567 3344
Colantonio Inc	Kather Judd	ine	9/7/201 7	16 Everett St. , Holliston, MA 01746			Katherine@col antonioinc.co m				(508) 429 8699
NB Kenney Company, Inc.	Victori Vanda		7	68 Barnum Road , Devens, MA 01434	(978) 5200) 849-)	victoria_vanda l@nbkenney.c om	Prospective Bidder - General Contractor			(978) 849 5298
RA Hammond Construction Corp,	Roger / Hamm		9/7/201 7	2 Warren Road , North Oxford, MA 01537			rogerahammo nd@gmail.co m	Prospective Bidder - General Contractor			(508) 892 7131
Hutter Construction Corp.	Jay Le	wis	7	810 Turnpike Road P.O. Box 257, New Ipswich, NH 03071	(603) 2300) 878-)	jl@hutterconst ruction.com	Prospective Bidder - General Contractor			(603) 878 3519
Marmelo Bros. Construction			9/7/201 7	13 Ventura Dr. , North Dartmouth, MA 02747	(508) 6582		sandy@marm eloconstructio n.com	Prospective Bidder - General Contractor			(508) 995 6926
Rockwell Roofing Inc.	Jennifo Wright		7	44 Pond St , Leominster, MA 01453	(978 7825) 537- 5	jennifer@rock wellroofing.co m	Prospective Bidder - General Contractor			(978) 537 4132
Wayne J. Griffin Electric, nc.	Lisa M	orton	9/7/201 7	116 Hopping Brook Rd , Holliston, MA 01746	(508) 8830) 429-)	imorton@wjge i.com	Prospective Bidder - General Contractor			(508) 429 7825
		1.11	0/7/001	50 Millbrook	/F00	756	mlvnch@wflvn	D .:			(508) 75

Lynch Co., Inc.		7	Street , Worcester, MA 01606	5705	chínc.com	Bidder - General Contractor	Ò089
Charles M. Moran Plumbing & Heating, Inc.	Michael Moran	9/7/201 7		(978) 368- 0355		Prospective Bidder - General Contractor	(978) 368- 0890
A & A Window Products, Inc.	Lucy Gigliello	9/7/201 7	15 Joseph Street , Malden, MA 02148	(781) 322- 9282	lgigliello@aaw indowproduct s.com	Prospective Bidder - General Contractor	(781) 321- 0833
Aluminum & Glass Concepts Inc	Alicia Paquin	9/7/201 7	210 Andover St Ste 25 P.O. Box 279, Wilmington, MA 01887	(978) 658- 3591	apaquin@alu minumandgla ss.com	Prospective Bidder - General Contractor	(978) 657- 5819
Lockheed Window Corporation	Debbie Rich	9/7/201 7	925 South Main St,, Pascoag, RI 02859	(401) 568- 3061	info@lockheed window.com	Prospective Bidder - General Contractor	(401) 568- 2273
Cam HVAC & Construction Inc.	Diane Cabral	9/7/201 7	116 Lydia Ann Road , Smithfield, RI 02917	(401) 232- 7230	diane@camhv ac.com	Prospective Bidder - General Contractor	(401) 232- 7290
R&R Window Contractors, Inc.	Tabby Smith	9/7/201 7	One Arthur St., Easthampton, MA 01027	(413) 527- 7500	tsmith@rrwind ow.com	Prospective Bidder - General Contractor	(413) 527- 0289
Fontaine Brothers, Inc.	Thomas Wolfenden	9/7/201 7	510 Cottage St. , Springfield, MA 01104	(413) 781- 2020	tom.w@fontai nebros.com	Prospective Bidder - General Contractor	(413) 781- 1881
Adams Plumbing & Heating Inc.	Amy Moresi	9/7/201 7	43 Printworks Drive P.O. Box 126, Adams, MA 01220	(413) 743- 2308	a.moresi@ada msphinc.com	Prospective Bidder - General Contractor	(413) 743- 7350
Cogswell Sprinkler Company	Jessica Vaillancourt	9/7/201 7	22 Canterbury St. , Worcester, MA 01610	(508) 753- 0015	jess@cogswell sprinkler.com	Prospective Bidder - General Contractor	(508) 753- 5629
D.A. Sullivan and Sons	Jennifer Adams	9/7/201 7	82-84 North St., Northampton, MA 01060	(413) 584- 0310	<u>iennifer@dasu</u> <u>llivan.com</u>	Prospective Bidder - General Contractor	(413) 585- 5710
Chandler Architectural Products	Betty Gatesman	9/7/201 7	255 Interstate Drive , West Springfield, MA 01089	(413) 733- 1111	betty@cap- inc.net	Prospective Bidder - General Contractor	(413) 737- 6101
Capital Carpet & Flooring Specialists Inc.	Maureen Crozier	9/7/201 7	64 Industrial Way , Wilmington, MA 01887	(781) 935- 9430	maureen@cap italcarpetonlin e.com		(781) 935- 5737
Costa Brothers Masonry, Inc	Mary Jo Lima	9/7/201 7	2 Lambeth Park Dr. , Fairhaven, MA 02719	(508) 991- 7634	cbm@coasta masonary.co m	Prospective Bidder - General Contractor	(508) 991- 7635
Caracas Construction Corp	Maitas Goncalves	9/7/201 7	592 Holyoke St , Ludlow, MA 01056	(413) 547- 6200	estimating@c aracascorp.co m	Prospective Bidder - General Contractor	(413) 547- 8960
Northeast Painting Associates, Inc.	Sara Pearson	9/7/201 7	881 North King Street Route 5, Northampton, MA 01060	(413) 586- 5013	spearson@nor theastpaint.co m	Prospective Bidder - General Contractor	(413) 585- 0021
West Floor Covering, Inc.	Sally West	9/7/201 7	42 Winter St. Suite 11, Pembroke, MA 02359	(781) 826- 9022	swest@westfl oorcovering.co m	Prospective Bidder - General Contractor	(781) 826- 7073
Greenfield Glass	Charlie Wing	9/7/201 7	52 River St. , Greenfield, MA 01301	(413) 774- 5277	gglass@green fieldglass.com	Prospective Bidder - General Contractor	(413) 774- 5523
Eagle Elevator Co. Inc	Judy Zilemp	9/7/201 7	176 Norfolk Avenue .	(617) 238- 0613	<u>i.zilempe@eag</u> leelevator.net		(617) 238- 0625

			Boston, MA 02119			General Contractor	
The Berlin Steel Construction Company	Tony Russell	9/7/201 7	5 Industrial Park Road West , Oxford, MA 01540	(508) 987- 7924	trussell@berlin steel.com		(508) 987- 8748
Feeley McAnespie Inc.	Bill Feeley	9/7/201 7	200 Tanner Street , Lowell, MA 01852	(978) 441- 2300		Prospective Bidder - General Contractor	(978) 441- 9277
Kmd Mechanical Corporation	Dave Schultz	9/7/201 7	310 Southwest Cutoff Ste. A, Worcester, MA 01604	(508) 795- 1828	D_Schultz@k mdbsmc.com	Prospective Bidder - General Contractor	
Lan-Tel Communicati ons, Inc.	Mal Porter	9/7/201 7	1400 Providence Highway Building Suite 3100, Norwood, MA 02062	(781) 551- 8599	info@lan- tel.com	Prospective Bidder - General Contractor	(781) 551- 8667
Fernandes Masonry Inc	Kate Royce	9/7/201 7	1031 Phillips Road , New Bedford, MA 02745	(508) 998- 2121	kate@fernand esmasonry.co m	Prospective Bidder - General Contractor	(508) 985- 0003
S & R Corporation	Linda Tardiff	9/7/201 7	706 Broadway St. , Lowell, MA 01854	(978) 441- 2000	ltardiff@sandr corp.com	Prospective Bidder - General Contractor	(978) 441- 2002
Stanley Roofing Co Inc	Kristen Polito	9/7/201 7	42 Mitchell Rd , lpswich, MA 01938	(978) 356- 7958	kristen@stanle yroof.com	Prospective Bidder - General Contractor	(978) 356- 1499
CJM Services, Inc	Jean Hentz	7	50 Kerry Pl P.O. Box 424, Norwood, MA 02062	(781) 440- 0000	jeanhentz@cj mservicesinc.c om	Prospective Bidder - General Contractor	(781) 440- 0046
United Steel, Inc.	Peter Olson	9/7/201 7	164 School Street , East Hartford, CT 06108	(860) 289- 2323		Prospective Bidder - General Contractor	(860) 289- 2908
Pavilion Floors, Inc.	Martina Langone	9/7/201 7	90 Commerce Way , Woburn, MA 01801	(781) 933- 8500	info@pavilionf loors.com	Prospective Bidder - General Contractor	(781) 932- 8844
Brait Builders Corporation	Stephen Brait	9/7/201 7	506 Plain St. Suite 201, Marshfield, MA 02050	(781) 837- 6400	sbrait@braitb uilders.com	Prospective Bidder - General Contractor	(781) 837- 6022
Silktown Roofing, Inc.	Eric Roth	9/7/201 7	134 Ferry Street , South Grafton, MA 01560	(508) 887- 8908	ericroth@silkt ownroofing.co m	Prospective Bidder - General Contractor	(508) 887- 8918
Bello Painting Co.	Jeanne Bello	9/7/201 7	585 East St. , Weymouth, MA 02189	(781) 331- 5600		Prospective Bidder - General Contractor	(781) 331- 5603
Ostrow Electrical Co.	Tony Scibilia	9/7/201 7	9 Mason St. , Worcester, MA 01609	(508) 754- 2641		Prospective Bidder - General Contractor	(508) 757- 1645
Compass Restoration Services LLC	Victor Rodrigues	7	1020 East St, , Ludlow, MA 01056	7919	compassresto ration@yahoo. com	Bidder - General Contractor	
Drizos Contracting LLC	Spiros Drizos	9/7/201 7	101 Middlesex Turnpike Ste 6 -353, Burlington, MA 01803	2241	info@drizosco ntracting.com	Prospective Bidder - General Contractor	(781) 221- 2245
Yankee Sprinkler	Michael Payton	9/7/201 7	612R Plymouth St. Ste 1, East Bridgewater.	(508) 378- 7212	mpayton@ysc -fire.com	Prospective Bidder - General Contractor	(508) 378- 7215

MA 02333

Bay State Elevator	Phil Losito	9/7/201 7	275 Silver Street P.O. Box 910, Agawam, MA 01001		info@bseco.co m	Prospective Bidder - General Contractor	(413) 786- 7277
Kapiloff's Glass, Inc.	Chris Kapiloff	9/7/201 7	5 Hoosac St. , Adams, MA 01220	(844) 527- 4527	estimating@k apglass.com	Prospective Bidder - General Contractor	(844) 634- 5277
L.A.L. Masonry & Construction Inc	Patricia Chiaramonte	9/7/201 7	3 Bourbon St Unit 4, Peabody, MA 01960	(781) 231- 1844	joelal@comca st.net	Prospective Bidder - General Contractor	(781) 231- 1811
Levangie Elec Co Inc	Mark Franzoni Jr	9/7/201 7	59 Old Webster St. , Hanover, MA 02339	(781) 871- 2639		Prospective Bidder - General Contractor	(781) 331- 8437
J R Vinagro Corporation	Vanessa DelValle	9/7/201 7	99 Walnut St , Saugus, MA 01906	(781) 558- 5780		Prospective Bidder - General Contractor	

Planholders					
Company Name	Contact Name	Address	Phone	Email	Fax
Grasseschi Plumbing & Heating Inc.	Maureen Dupre	1299 Grafton St , Worcester, MA 01604	(508) 753- 3028	mdupre@grasseschi.com	(508) 799- 4953
Joseph Cohn & Son, Inc.	Sue Antonucci	50 Devine Street , North Haven, CT 06473	(203) 772- 2420		(203) 230- 0340
Energy Electric Co.	Meghan McCarthy	740 Quaker Hwy , Uxbridge, MA 01569	(800) 308- 4886	mmccarthy@energyelectr icne.com	(508) 278- 3229
Harold Brothers Mechanical	Michael Smith	44 Woodrock Rd , Weymouth, MA 02189	(781) 871- 2111	msmith@haroldbros.com	(781) 871- 2002
Superior Caulking & Waterproofing Co., Inc	Jimmy Shaw	1154 Park Street Suit 1, Palmer, MA 01069	(413) 289- 0100	annette@scwi.net	(413) 289- 0022
Elevator Maintenance & Service, Inc.	Kristina Bellows	163 Washington St, Ste 1, Worcester, MA 01610	(508) 756- 7439	kris@elevator- maintenance.net	
Schneider Electric	Steve DePaula	800 Federal St , Andover, MA 01810	(978) 975- 9443		(978) 710- 0830
Johnson Controls	Greg Halpern	21 Griffin Rod North Suite 4, Windsor, CT 06095	(860) 731- 4717		(860) 731- 4834

Conditions	Bonding	Bid Date 10/11/2017	Bids To Owner	Bid Type Open Bidding
Viewed			•	Date Tracked 9/11/2017
	Viewed	Viewed First V	10/11/2017 Viewed First Viewed Date	10/11/2017 Owner Viewed First Viewed Date Currently Tracked?

SYMMES MAINI & McKEE ASSOCIATES
1000 Massachusetts Avenue
Cambridge, Massachusetts 02138
P:617.547.5400 F:617.648.4920





TEMPLETON
ELEMENTARY
SCHOOL
17 South Road

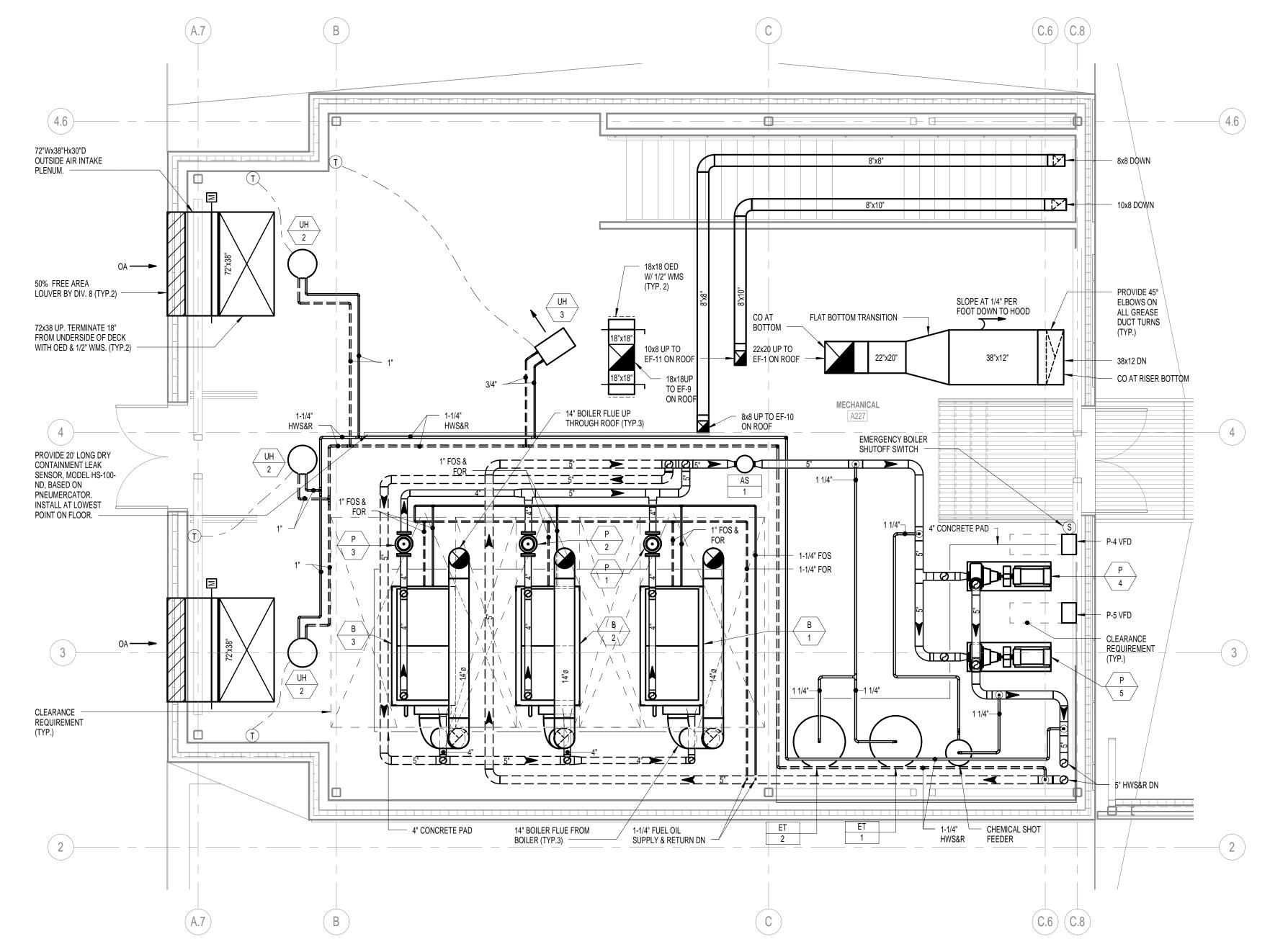
17 South Road Templeton, MA 01468



SCALE	As indicate
DRAWN BY	ADO
CHECK BY	Li
PROJ.ARCH./ENGR.	LF
PROJ. MRG.	JGS
JOB NO.	10007.0

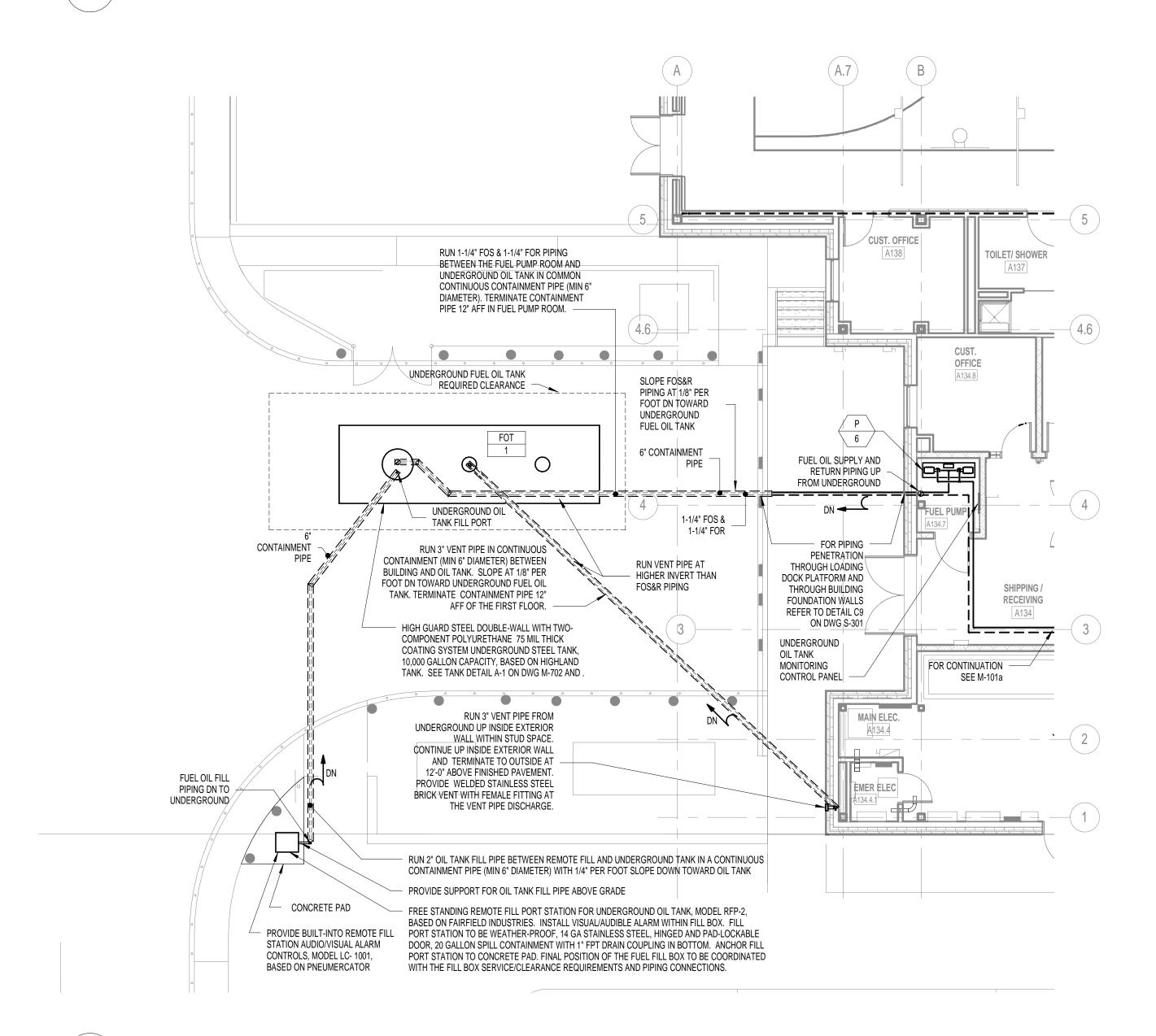
MECHANICAL PART PLANS

M-401



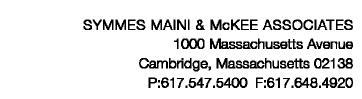
D5 MECHANICAL ROOM PART PLAN

SCALE: 1/4" = 1'-0"



A5 FUEL OIL TANK PART PLAN
SCALE: 1/8" = 1'-0"

vacalaliia Docuiileliis (1000/.02_CEN | RAL_M_ZO |

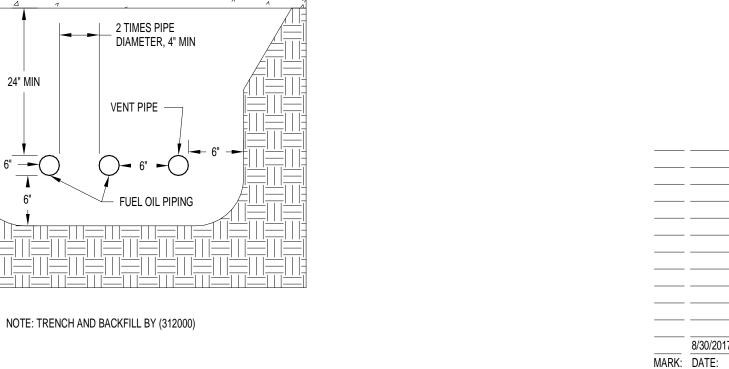






TEMPLETON ELEMENTARY SCHOOL 17 South Road

Templeton, MA 01468



NTS

EMERGENCY ELECTRICAL

A134.4.1

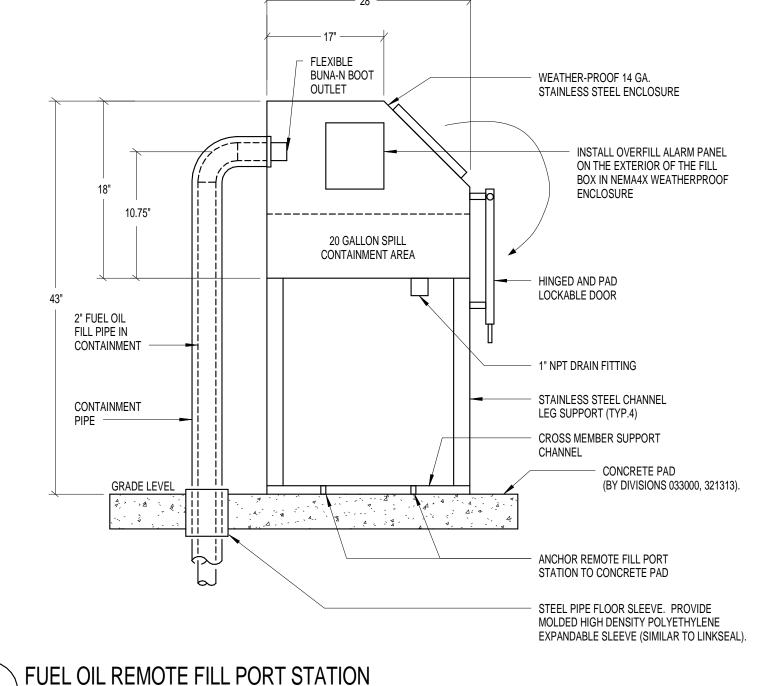
EXTEND METAL PIPE

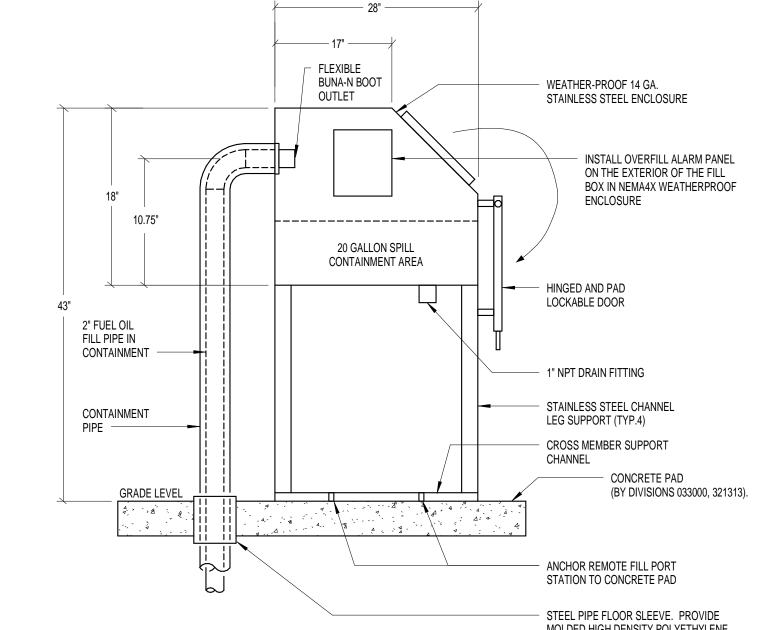
WALL SLEVE INSIDE

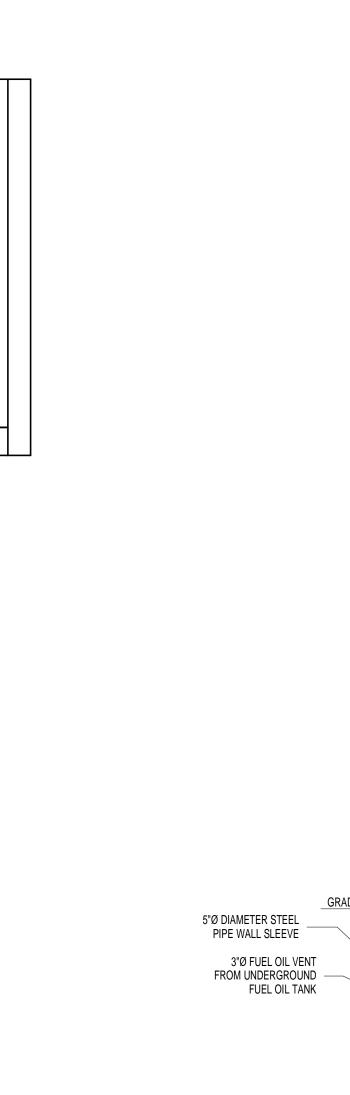
THE FOUNDATION WALL

AND TERMINATE 6" AFF









SLOPE HORIZONTAL RUN @ 1/8" PER

FOOT UP TOWARD VENT OPENING -

STAINLESS STEEL

BUILDING EXTERIOR

3" FUEL OIL VENT

INSIDE EXTERIOR

WALL STUD SPACE

LOADING DOCK

PLATFORM

DN

✓ SLOPE @ 1/8" PER FOOT

5"Ø DIAMETER STEEL

DENSITY POLYETHILENE

(SIMILAR TO LINKSEAL).

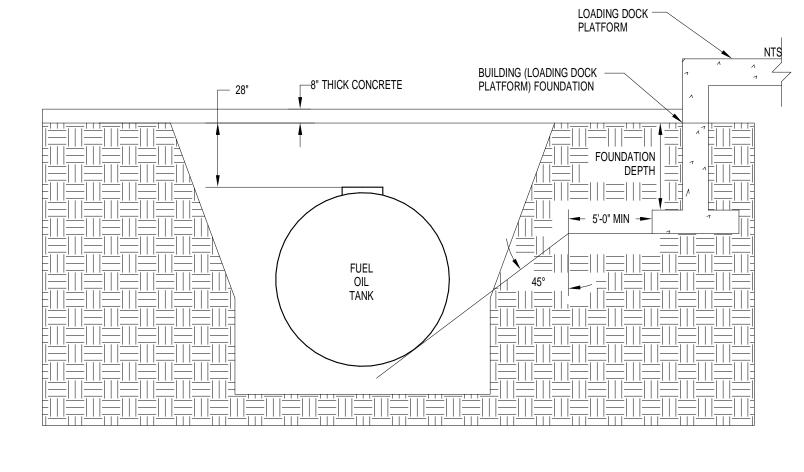
FUEL OIL VENT IN BUILDING EXTERIOR WALL

8" THICK CONCRETE

EXPANDABLE SLEEVE

PIPE WALL SLEEVE. PROVIDE MOLDED HIGH

BRICK VENT

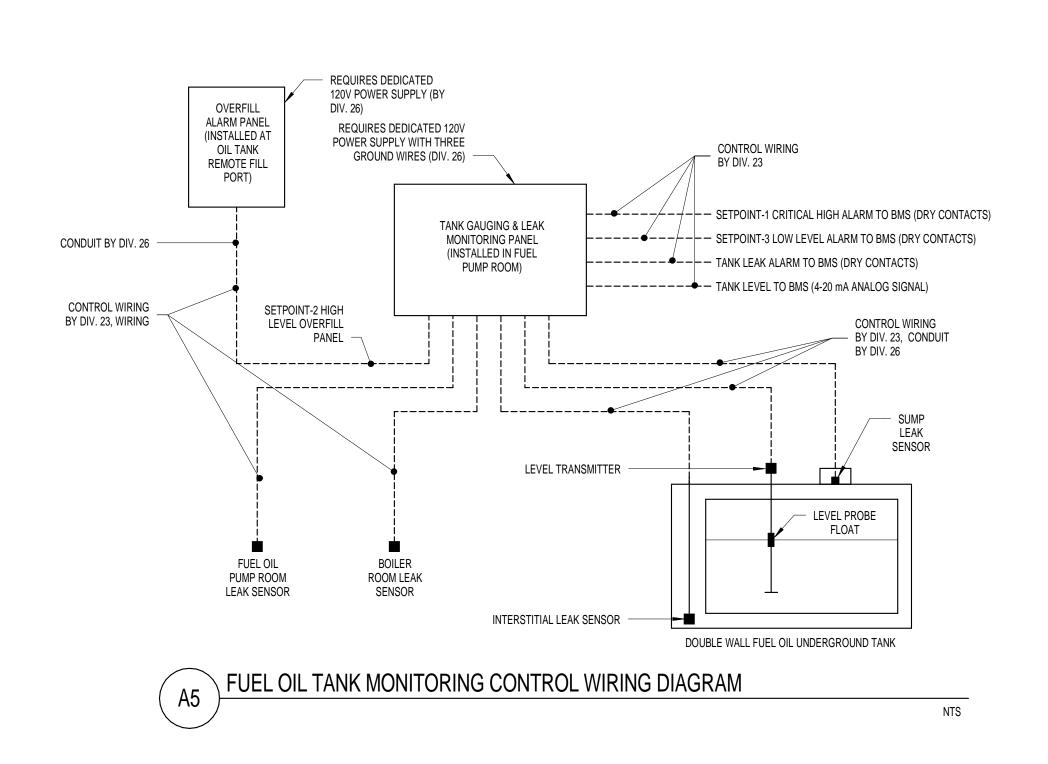


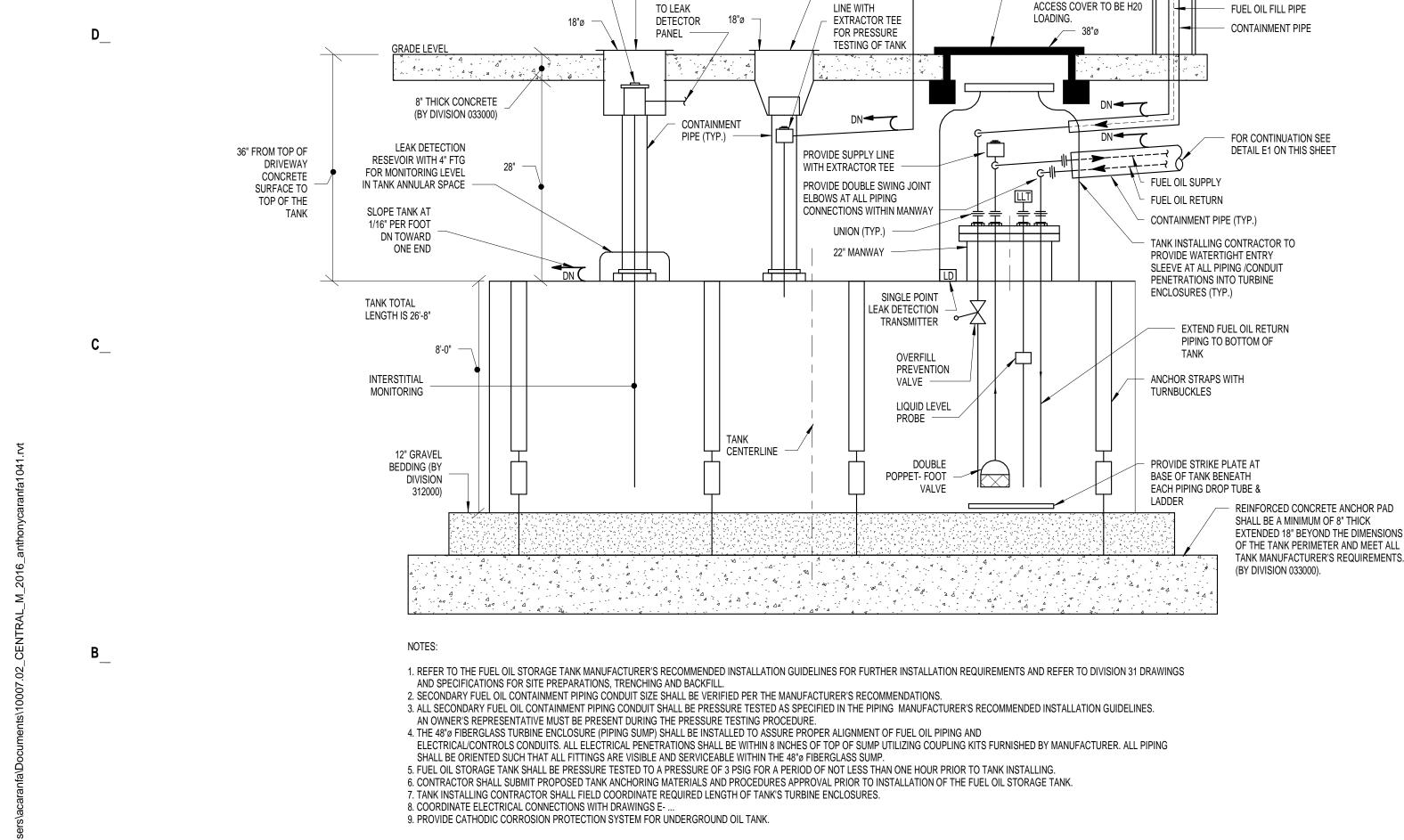
PIPE TRANSITION

1" FOS & FOR

1" FOS & FOR







UNDERGROUND STEEL DOUBLE WALL FUEL OIL STORAGE TANK

ROOF

SECOND FLOOR

FUEL OIL SUPPLY & RETURN PIPING.

IN ONE CONTAINMENT PIPE

RUN FUEL OIL SUPPLY AND RETURN

RELIEF VALVE -

- 1-1/4" FOR

- 1-1/4" FOS

FUEL OIL VENT

LOUVER (BY DIV. 23)

ALL EQUIPMENT, ACCESSORIES AND APPERTUNANCES REQUIRED FOR FUEL OIL PUMPS INSTALLATION (LOCATED

WITHIN THE OUTLINED BOUNDARIES)

PUMP SET WITH DUPLEX STRAINER,

CONTROL PANEL, LEAK DETECTOR

PROVIDED BY FUEL OIL PUMP

MANUFCATURER

3" FUEL OIL VENT

GRADE

Y FUEL OIL SYSTEM INSIDE BUILDING DIAGRAM

LEAK DETECTION RESERVOIR

MONITORING LEVEL IN TANK

WITH 4" FITTING FOR

ANNULAR SPACE

INCLUDING, BUT NOT LIMITED TO DUPLEX

DIFFERENTIAL PRESSURE SWITCH, PUMP

SWITCH, HOUSE KEEPING PAN, ETC. TO BE

SLOPE UNDERGROUND FUEL OIL TANK

TO UNDERGROUND FUEL

OIL TANK. FOR

CONTINUATION SEE

DETAIL A1 ON THIS

VENT PIPING AT 1/8" PER FOOT DN -

TOWARD FUEL OIL TANK

NOTE: TRENCH AND BACKFILL BY (312000)

SLOPE HORIZONTAL FOS&R

SCOPE

DIVISION LINE

TYP. FOR 3

BOILERS)

CHECK VALVE (TYP.) -

SHUTOFF VALVE (TYP.3)

FILTER (TYP.3) -

FIRE SAFETY VALVE WITH

ALL EQUIPMENT, APERTUNANCES AND

SIDE OF SCOPE

LEAK DETECTOR

BOTTOM (TYP.)

ROOM (TYP.)

SWITCH AT RISER

RUN FUEL OIL PIPING IN ONE

RUN HORIZONTAL FUEL OIL PIPING

INSIDE BUILDING AT 1/8" PER FOOT

SLOPE DN TOWARD FUEL OIL PUMP

CONTAINMENT INSIDE BUILDING (TYP.)

REMOTE FILL PORT STATION

SEE DETAIL A8 ON THIS DRAWING

ACCESSORIES ON THIS

SEPARATION LINE TO BE

PROVIDED BY BOILER/

(TYP. FOR 3 BOILERS)

BURNER MANUFACTURER

FUSABLE LINK (TYP. 3)

2" FOS -

PIPE TRANSITION —

1-1/4" FOR —

SEAL PIPE

AT FLOOR.

EXTEND

TANK

LEAK DETECTOR

FIRST FLOOR

EXTEND FUEL OIL STORAGE TANK VENT

WALL. SEE DETAIL E8 ON THIS DRAWING

RUN VENT PIPE IN CONTAINMENT

LOCKING STREET BOX WITH

SOLID 38"ø WATERTIGHT 14

ACCESS COVER MOUNTED

AT GRADE LEVEL WITH 48"ø

FRP TURBINE ENCLOSURE

EXTENSION. MODEL 38WTL,

BASED ON FAIRFIELD

INDUSTRIES. MANHOLE

GA STEEL MANHOLE

MANWAY RISER

PIPING A MINIMUM OF 12 FEET ABOVE GRADE AND TERMINATE WITH WEATHERPROOF VENT PROTECTOR INSTALLED ON THE BUILDING EXTERIOR

INSTALL FUEL OIL SYSTEM

ACCESSORIES, CONTROL

PANEL & LEAK DETECTOR

ABOVE HOUSEKEEPING PAN

PUMP SET, VALVES,

SWITCH

MONITORING SYSTEM

PENETRATION

CONTAINMENT

PIPE 12" AFF.

MECHANICAL ROOM

FUEL OIL PUMP ROOM

PUMP

CONTROL

HOUSEKEEPING PAN

- SEE DETAIL A8 ON

M-504 FOR DUPLEX

FUEL OIL PUMP SET

STEEL PIPE FLOOR

SLEEVE. PROVIDE

POLYETHYLENE EXPANDABLE SLEEVE

MOLDED HIGH DENSITY

(SIMILAR TO LINKSEAL).

VENT

PROVIDE VENT

DETAIL

SLOPE FOS&R PIPING AT 1/8" PER

FOOT DN TOWARD FUEL OIL TANK

LOCKING STREET BOX WITH 18"ø WATERTIGHT

LOCKING STREET BOX WITH 18"ø

WATERTIGHT SOLID 14 GA STEEL

ACCESS COVER FOR ACCESS TO

MANHOLE ACCESS COVER TO BE

LEAK DETECTION RESERVOIR,

MODEL180TW, BASED ON

FAIRFIELD INDUSTRIES.

H20 LOADING.

14 GA STEEL MANHOLE ACCESS COVER

MOUNTED AT GRADE LEVEL. MANHOLE

ACCESS COVER TO BE H20 LOADING.

√ 1" FOS & FOR

BY MECHANICAL /

BY BOILER/ BURNER

(TYP. FOR 3 BOILERS)

MANUFACTURER

CONTRACTOR

(TYP. FOR 3

BOILERS)

PIPING AT 1/8" PER FOOT DN TOWARD FLOOR PENETRATION

__ 2" FOS

SCALE DRAWN BY CHECK BY PROJ.ARCH./ENGR. PROJ. MRG. JOB NO. © SYMMES, MAINI & MCKEE ASSOCIATES, INC. 2016

CONSTRUCTION DOCUMENTS

ISSUE LOG

= CLOUDED CHANGE

FUEL OIL SYSTEM DIAGRAM AND DETAILS