



RECEIVED

AUG 20 2012

DEPARTMENT OF  
ENVIRONMENTAL QUALITY  
BOISE REGIONAL OFFICE

August 20, 2012

Mr. Jack Gantz, PE  
State of Idaho-Department of Environmental Quality  
1445 N. Orchard St.  
Boise, ID 83706

Delivered via: Hand Delivery

Re: Non-Municipal Solid Waste Management Facility Design Plan Approval  
Application Proposed Renewable Energy Project Located at Ada County Landfill  
Dynamis Energy, LLC modifications based on DEQ comments.

Dear Mr. Gantz,

We have modified the plans per your letter dated July 30, 2012 in regards to the  
Waste to Energy Facility at Ada County Landfill Design Plan Application. Please  
remove the following drawings from Section 4 of the Application:

Drawing No. a0-01  
Drawing No. 1102-04-F-1002038  
Drawing No. 1102-10-P-1002104

Please insert the attached drawings back into Section 4 of the Application:

Drawing No. a0.01  
Drawing No. 1102-04-F-1002038  
Drawing No. 1102-10-P-1002098  
Drawing No. 1102-10-P-1002102  
Drawing No. 1102-10-P-1002104

Also attached are the Poly-Flo Double Containment Piping System Specifications. In  
addition, the Facility emergency diesel generator will supply the backup power for  
the leachate system. Alarms will be transmitted to the Facility Control Room that is  
monitored 24 hours a day, 7 days a week.

Dynamis Energy, LLC  
776 E Riverside Dr. Ste 150  
Eagle, Idaho 83616  
208-938-2680 (p)

If you have any questions or need any clarification, please call me at 208-941-2848.

Regards,

A handwritten signature in blue ink that reads "Doyle Pergande". The signature is written in a cursive style with a large initial "D".

Doyle Pergande, PE

Dynamis Energy, LLC  
776 E Riverside Dr. Ste 150  
Eagle, Idaho 83616  
208-938-2680 (p)

**SPECIFICATIONS**

Some information may be appropriate only for certain products/specification formats; therefore, the user must use the information provided as an outline.

**1.1 Materials**

- A. The pipe and fittings shall be of the same material for both the inner and outer piping. The responsible designer shall exercise good engineering practice in all areas including the selection of the materials of construction.
- B. Black UV stabilized block Homo-polymer polypropylene shall meet the requirements of ASTM D4101. Material shall provide weathering resistance for outdoor use without further coating, covering or wrapping.
- C. High-density polyethylene shall meet the requirements of ASTM D3350 cell classification 345434C or 355434C. All related accessories shall be made from the same resin.
- D. Elastomers shall be selected by the designer with regard to the compatibility of the fluid service anticipated. O-rings must be inspected during installation to verify surface quality, and as with all sealing materials, periodic inspections may be appropriate. Stainless steel bolts, nuts and washers are recommended for flange assemblies.

**1.2 Configuration**

- A. All pipe shall be one-piece double-wall extruded simultaneously. The primary pipe shall be integral with the secondary pipe via connecting ribs, which are continuous down the entire length of each section of pipe. No centralizing clips, spiders, disks or supports shall be allowed.
- B. Molded double containment fittings shall be of unitary construction. Permanent alignment of the inner and outer fittings shall be maintained via molded-in ribs. The ends of both the inner and outer fittings shall be flush (in one plane). Molded-in supports shall be set back from

the ends of the fittings to allow mixing of any fluids in the annular space.

- C. Fabricated fittings in Polyethylene and Polypropylene shall be allowed provided all welds are butt fusion style. The manufacturer shall provide pressure ratings on fabricated fittings.
- E. Identical wall thickness for the inner and outer walls are mandatory for each size.
- F. Termination of the double containment shall be conducted utilizing a termination flange or Female, Metric socket or IPS spigot adapter.

**1.3 Pressure Rating**

- A. Pipe and fittings shall be rated for 100 psi in all sizes and materials at 73°F. Molded Flanges shall be rated at 50 psi maximum for all materials and sizes.
- B. Inner and outer fittings shall both be rated for 100 psi, including all termination fittings, transition fittings and drainage fittings.

**1.4 Joining Methods**

- A. All field welding shall be butt welded per the general guidelines of ASTM D2657 for polyolefin piping, and in general accordance with the manufacturer's printed guidelines.
- B. Mechanical connections in polypropylene can be conducted utilizing a double wall flange adapter. A double wall flange shall be connected to a double wall o-ring flange for proper sealing.

**1.5 Installation and Support**

Installation procedures shall be as per the manufacturer's written specifications. Pipe support spacing must be adequate to prevent any appearance of sagging. Standard design practice for single wall thermoplastic piping with regard to expansion and contraction shall be followed. Valves and other auxiliary items shall be independently supported.

**1.6 System Testing****A. Pressure Systems**

To fully test both the inner and outer containment for full pressure rating a hydrostatic test of both the inner and outer

pipes shall be performed as outlined in the Uniform Plumbing Code Section 318 as directed by the local Administrative Authority. Specifically, a water pressure test at 1.5 times (150%) the normal working pressure of the inner pipe should be applied to both the inner and outer walls in separate tests.

To avoid a possible leak in the carrier from contaminating the containment space, a 5 to 10 psi air test can be first conducted for a quick check of the system.

To avoid moisture in the containment an air test can be conducted on the containment pipe. Pressure test is recommended at 5 psi and shall not exceed 10 psi. The inner carrier pipe shall be full of water and under pressure to avoid any possible collapse.

When testing with air on both the carrier and containment piping the ambient temperature should be above 32 °F and extra safety precautions for personnel shall be put in place during the test

and drainage provisions shall be provided at the float switch locations to test and drain the sensors.

#### **B. Drainage Systems**

For systems in drainage applications a hydrostatic test of 1.5x the working pressure is recommended for the carrier pipe. To avoid moisture in the containment an air test can be conducted on the containment pipe. Pressure test is recommended at 5 psi and shall not exceed 10 psi. The inner carrier pipe shall be full of water and under pressure to avoid any possible collapse. When testing with air the ambient temperature should be above 32 °F and extra safety precautions for personnel shall be put in place during the test.

#### **1.7 Leak Detection**

- A. Leak detection shall be provided to monitor the integrity of the secondary containment in compliance with the local administrative authority.
- B. Float switch adapter fittings shall be spaced as deemed appropriate by the responsible designer, allowing the use of either magnetic reed switches or optical probes as sensing devices. These shall be wired to a suitable alarm system.
- C. Periodic test filling of the secondary containment (annular space) with water shall be performed at the float switch location only. Suitable water connections

# dynamis energy, llc

ada county waste to energy facility  
 10319 seaman's gulch road  
 ada county, idaho 83714  
 ideq design plan approval application



**erstad ARCHITECTS, PA**  
 420 main street, suite 202, boise, idaho 83702  
 (208) 331-9031 fax 331-9033 [www.erstadarchitects.com](http://www.erstadarchitects.com)

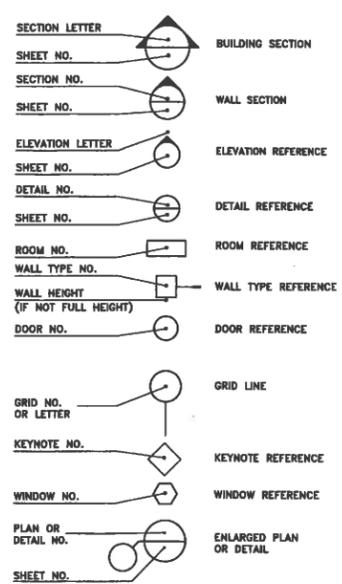
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## abbreviations

#	NUMBER OR POUND	FLR	FLOOR
∅	DIAMETER	FND	FOUNDATION
∠	ANGLE	FOF	FACE OF FINISH
AT	AND	FOS	FACE OF STUDS
CL	CENTERLINE	FTG	FOOTING
AB	ANCHOR BOLT	GA	GAUGE
ACT	ACOUSTIC TILE	GALV	GALVANIZED
ADJ	ADJUSTABLE	GWB	GYPNUM BOARD
ALUM	ALUMINUM	HCW	HOLLOW CORE WOOD
ANDD	ANDROZED	HM	HOLLOW METAL
APPROX	APPROXIMATE	HORIZ	HORIZONTAL
ASSOC	ASSOCIATED	HT	HEIGHT
BD	BOARD	HW	HARDWOOD
BFC	BROOM FINISH CONCRETE	ICMU	INTEGRAL COLORED CONCRETE MASONRY UNITS
BLDG	BUILDING	ID	INSIDE DIAMETER
BLKG	BLOCKING	INT	INTERIOR
BM	BEAM	INV	INVERT
BOT	BOTTOM	JAN	JANITOR
BRG	BEARING	JOIST	JOIST
BSMT	BASEMENT	JST	JOINT
BTWN	BETWEEN	IT	INVERT
CAB	CABINET	LAB	LABORATORY
CARP	CARPET	LAM	LAMINATE
CJ	CONTROL JOINT	LAV	LAVATORY
CL	CENTERLINE	LE	LATEX ENAMEL-LOW LUSTER
CLG	CEILING	LF	LATEX FLAK
CMU	CONCRETE MASONRY UNITS	LSF	LATEX SEMI GLOSS
CO	CLEAN OUT	MAT	MATERIAL
COL	COLUMN	MAX	MAXIMUM
CONC	CONCRETE	MECH	MECHANICAL
CONST	CONSTRUCT	NET	METAL
CONT	CONTINUOUS	MFR	MANUFACTURER
CORR	CORRIDOR	MIN	MINIMUM
CPT	CARPET	MISC	MISCELLANEOUS
CSK	COUNTERSINK	NO	NO
CT	CERAMIC TILE	MTD	MOUNTED
CWB	CAPILLARY WATER BARRIER	MTG	MOUNTING
DBL	DOUBLE	NA	NOT APPLICABLE
DEPT	DEPARTMENT	NB	NO BASE (EXPOSED WALL OR FOUNDATION)
DT	DETAIL	NC	NEW CONCRETE
DF	DRINKING FOUNTAIN	NIC	NOT IN CONTRACT
DIA	DIAMETER	NM	NEW MASONRY
DIM	DIMENSION	NO	NUMBER
DISP	DISPENSER	NOM	NOMINAL
DH	DOWN	NTS	NOT TO SCALE
DS	DOWNSPOUT	OC	ON CENTER
E	EXISTING MATERIAL	OD	OUTSIDE DIAMETER
EJ	EXPANSION JOINT	OFF	OFFICE
ELEC	ELECTRICAL	OPNG	OPENING
ELEV	ELEVATION	OTS	OPEN TO STRUCTURE
EC	EXISTING CONCRETE	OVF	OVERFLOW
EM	ENTRANCE MAT	PLAST	PLASTIC
EPLS	EXISTING PLASTER	PLYWD	PLYWOOD
EQ	EQUAL	POX	EPOXY PAINT
EQUIP	EQUIPMENT	PR	PAIR
ESTR	EXPOSED STRUCTURE (NEW OR EXISTING)		
ETIS	EXTERIOR FINISH & INSULATION SYSTEM		
EXIST	EXISTING		
EXP	EXPANSION		
EXT	EXTERIOR		
FD	FLOOR DRAIN		
FEC	FIRE EXTINGUISHER CAB.		
FF	FACTORY FINISH		
FE	FINISH FLOOR ELEVATION		
FIN	FINISH		

R	THERMAL RESISTANCE	RWB	RUBBER WALL BASE
RD	ROOF DRAIN	RD	ROUGH OPENING
RDL	RAIN DRAIN LEADER	RW	REDWOOD
RE	REFERENCE	RWC	RAIN WATER CONDUCTOR
REFRIG	REFRIGERATOR	SCHED	SCHEDULE
REINFC	REINFORCING	SCW	SOLID CORE WOOD SEALER (FLOOR)
REQ	REQUIRED	SEAL	SEAL
RM	ROOM	SDE	SEMI GLOSS ENAMEL
RO	ROUGH OPENING	SOWB	SUSPENDED GYPSUM WALL BOARD
RWC	RAIN WATER CONDUCTOR	SHT	SHEET
SCHD	SCHEDULE	SHTG	SHEATHING
SCW	SOLID CORE WOOD SEALER (FLOOR)	SM	SIMILAR
SEAL	SEAL	SQ	SQUARE
SDE	SEMI GLOSS ENAMEL	SS	STAINLESS STEEL
SOWB	SUSPENDED GYPSUM WALL BOARD	STC	SMOOTH TROWELED CONCRETE STANDARD
SHT	SHEET	STD	STANDARD
SHTG	SHEATHING	STL	STEEL
SM	SIMILAR	STOR	STORAGE
SQ	SQUARE	STRUCT	STRUCTURAL
SS	STAINLESS STEEL	SUSP	SUSPENDED
STC	SMOOTH TROWELED CONCRETE STANDARD	SY	SHEET VINYL
STD	STANDARD	T&G	TONGUE AND GROOVE
STL	STEEL	TEMP	TEMPORARY
STOR	STORAGE	TS	TUBE STEEL
STRUCT	STRUCTURAL	TWC	TEXTILE WALL COVERING
SUSP	SUSPENDED	TYP	TYPICAL
SY	SHEET VINYL	UNO	UNLESS NOTED OTHERWISE
T&G	TONGUE AND GROOVE	VAR	VARIES
TEMP	TEMPORARY	VCT	VINYL COMPOSITION TILE
TS	TUBE STEEL	VERT	VERTICAL
TWC	TEXTILE WALL COVERING	VEST	VESTIBULE
TYP	TYPICAL	VIF	VERIFY IN FIELD
UNO	UNLESS NOTED OTHERWISE	WVC	VINYL WALL COVERING
VAR	VARIES	W	WASHER
VCT	VINYL COMPOSITION TILE	W/	WITH
VERT	VERTICAL	WC	WATER CLOSET
VEST	VESTIBULE	WCT	WASHABLE CEILING TILE
VIF	VERIFY IN FIELD	WD	WOOD
WVC	VINYL WALL COVERING	WH	WATER HEATER
W	WASHER	W/O	WITH OUT
W/	WITH	WP	WATERPROOF
WC	WATER CLOSET	WRGB	WATER RESISTANT GYPSUM BOARD
WCT	WASHABLE CEILING TILE	WT	WEIGHT
WD	WOOD	WWF	WELODED WIRE FABRIC
WH	WATER HEATER		
W/O	WITH OUT		
WP	WATERPROOF		
WRGB	WATER RESISTANT GYPSUM BOARD		
WT	WEIGHT		
WWF	WELODED WIRE FABRIC		

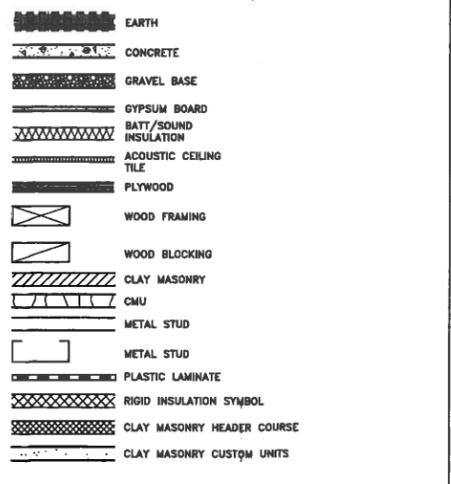
## symbols



## general notes

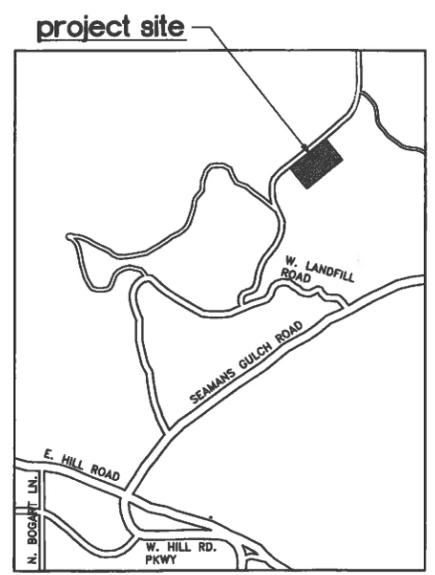
- CONTRACTORS SHALL CONSULT WITH DYNAMIS AND ARCHITECT TO RESOLVE ANY CHANGES, OMISSIONS OR PLAN DISCREPANCIES PRIOR TO BIDDING OR CONSTRUCTION.
- PRIME CONTRACTORS SHALL COORDINATE AND MANAGE ALL PORTIONS OF THE WORK AS DESCRIBED IN THE CONTRACT DOCUMENTS WHICH INCLUDE, BUT ARE NOT LIMITED TO, DRAWINGS AND CONSTRUCTION AGREEMENT CONTRACT.
- ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH LOCAL, COUNTY, STATE AND FEDERAL CODES AND ORDINANCES.
- CONTRACTORS SHALL VERIFY THE LOCATION OF ALL UTILITIES.
- CONTRACTORS TO VERIFY ALL DIMENSIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK.
- PRIME CONTRACTORS SHALL RETAIN ONE SET OF THE PLANS TO NOTE AND DOCUMENT ALL CHANGES DURING CONSTRUCTION. THIS SET SHALL BE A PART OF THE GENERAL CONTRACTORS CLOSE-OUT PACKAGE.
- PREMISE TO BE "BROOM CLEAN" AND EMPTY OF ALL LOOSE ITEMS AND DEBRIS AT ALL TIMES.
- DO NOT SCALE DRAWINGS.

## graphics legend



## drawing schedule

a0.01	cover sheet
civil:	
c1	cover sheet
c4	dimensioning plan
c5	grading plan
c6	utility plan
c7	site cross sections
architectural:	
a2.11	floor plan
a2.12	floor plan
a2.13	enlarged floor plan
a3.11	exterior elevations
a3.12	exterior elevations
a3.13	exterior elevations
site:	
01-S-1002200	site plan + elevation control sections
04-F-1002038	leachate drainage flow diagram
10-P-1002098	leachate drainage + piping plan
10-P-1002102	leachate drainage lift station + piping plan
10-P-1002104	leachate drainage + piping plan
building:	
09-B-1002059	main + turbine building floor plan
09-B-1002063	main building sections + details
09-B-1002195	main building sections + details
09-B-1002201	main building sections + details
09-B-1002203	turbine/boiler/scrubber partial section
09-B-1002204	turbine building sections
09-B-1002205	turbine/cooling tower partial elevation
plumbing:	
p11	waste and vent plan - area 1
p12	waste and vent plan - area 2
p13	enlarged waste and vent plan
p2.1	water and gas plan - area 1
p2.2	water and gas plan - area 2
p2.3	enlarged water and gas plan
p3.1	plumbing details
p4.1	plumbing schedules



dynamis energy, llc  
 ada county waste to energy facility  
 10319 seaman's gulch road  
 ada county, idaho 83714

revision:  
 SUBMITTAL TO IDEQ

project: 100910  
 date: 05.17.12  
 drawn: mb.tb  
 checked: cp.ae

construction documents

cover sheet  
 a0.01

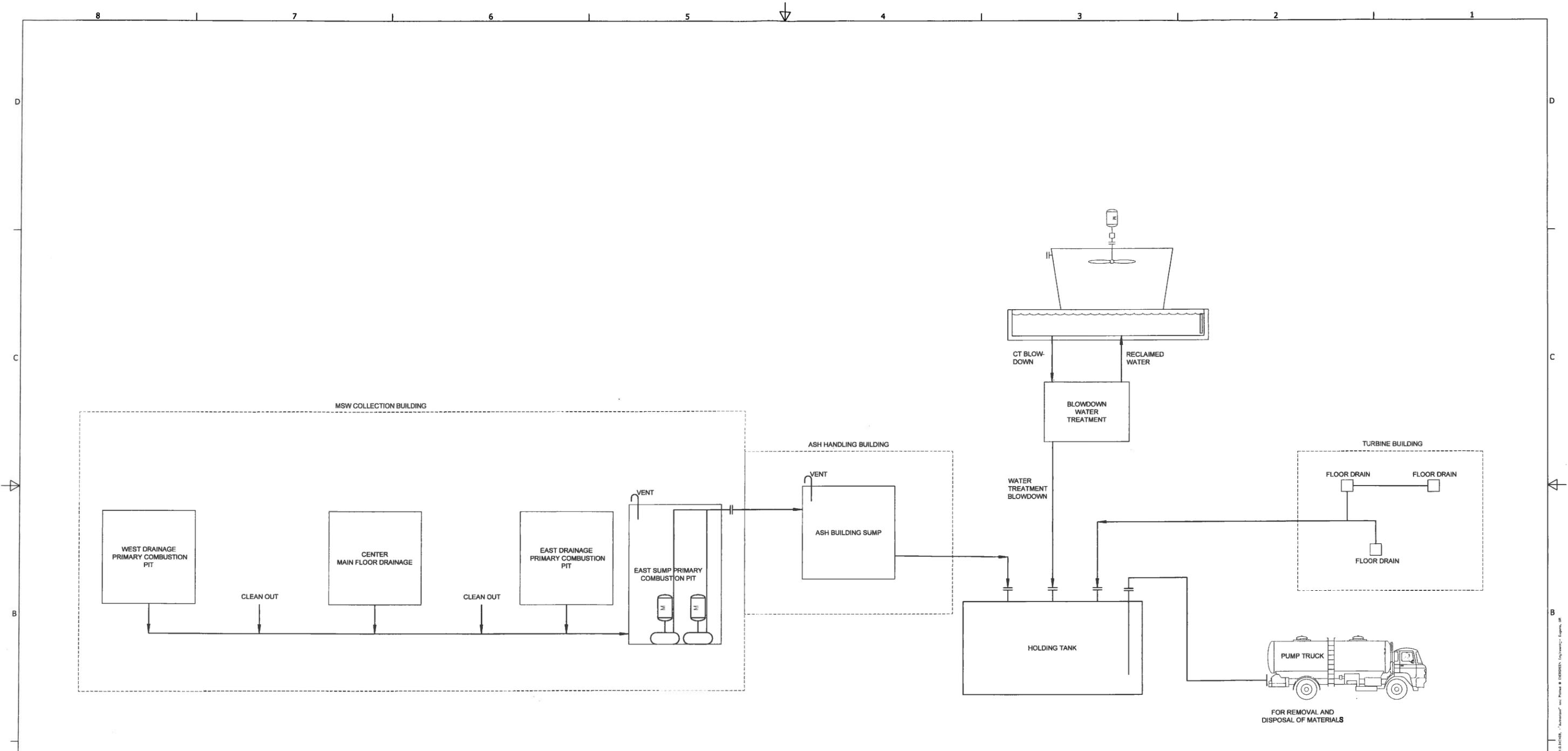
**de**  
 project owner + civil  
 dynamis energy, llc  
 lloyd mahaffey  
 doyle pergande  
 776 e. riverside dr., suite 150  
 eagle, id. 83616  
 ph. (208) 938-2680  
 fax. (208) 938-2684  
 lloyd@dynamisgroup.com  
 doyle@dynamisgroup.com

**ee**  
 structural + equipment  
 evergreen engineers  
 justin price  
 1740 willow creek circle  
 eugene, or. 97402  
 ph. (541) 484-4771  
 fax. (541) 484-6759  
 jprice@eeeug.com

**me**  
 mechanical engineering  
 musgrove engineers  
 charles paulin  
 234 a. whisperwood way  
 boise, id. 83709  
 ph. (208) 384-0585  
 fax. (208) 384-0765  
 charlesp@musgrovepa.com

**me**  
 electrical engineering  
 musgrove engineers  
 kurt lechtenberg  
 234 s. whisperwood way  
 boise, id. 83709  
 ph. (208) 384-0585  
 fax. (208) 384-0765  
 kurtl@musgrovepa.com

**ea**  
 architectural  
 erstad architects  
 andy erstad  
 420 main st., suite 202  
 boise, idaho 83702  
 ph. (208) 331-9031  
 fax. (208) 331-9035  
 acerstad@erstadarchitects.com  
 cpearse@erstadarchitects.com



NO.	REVISIONS	BY	DATE
1	GENERAL REVISIONS	JWS	08/16/12
0	ISSUE FOR PERMIT	JRM	8/14/12

**ADA COUNTY, IDAHO**

**EVERGREEN ENGINEERING**  
Engineering and Construction Services

EUGENE, OREGON  
(541) 484-4771 FAX (541) 484-4758  
www.evergreenengineering.com

EE JOB NUMBER: **2540.1**

CD: \_\_\_\_\_  
APP: JP

EE DRAWING NUMBER: 1102-04-F-1002038    CAD FILE: 1102-04-F-1002038.dwg

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:	DRAWN	JRM	4/12/12
DECIMAL	WELD	CHECKED	
X ±.1	CHAMFERS	QA	
XX ±.02	ANGLES	MFG	
XXX ±.005	CAST	±1/8"	
FRACTIONS	±1/16"	APPROVED	
THIRD ANGLE PROJECTION	MATERIAL	FINISH	N/A
	SEE TABLE		

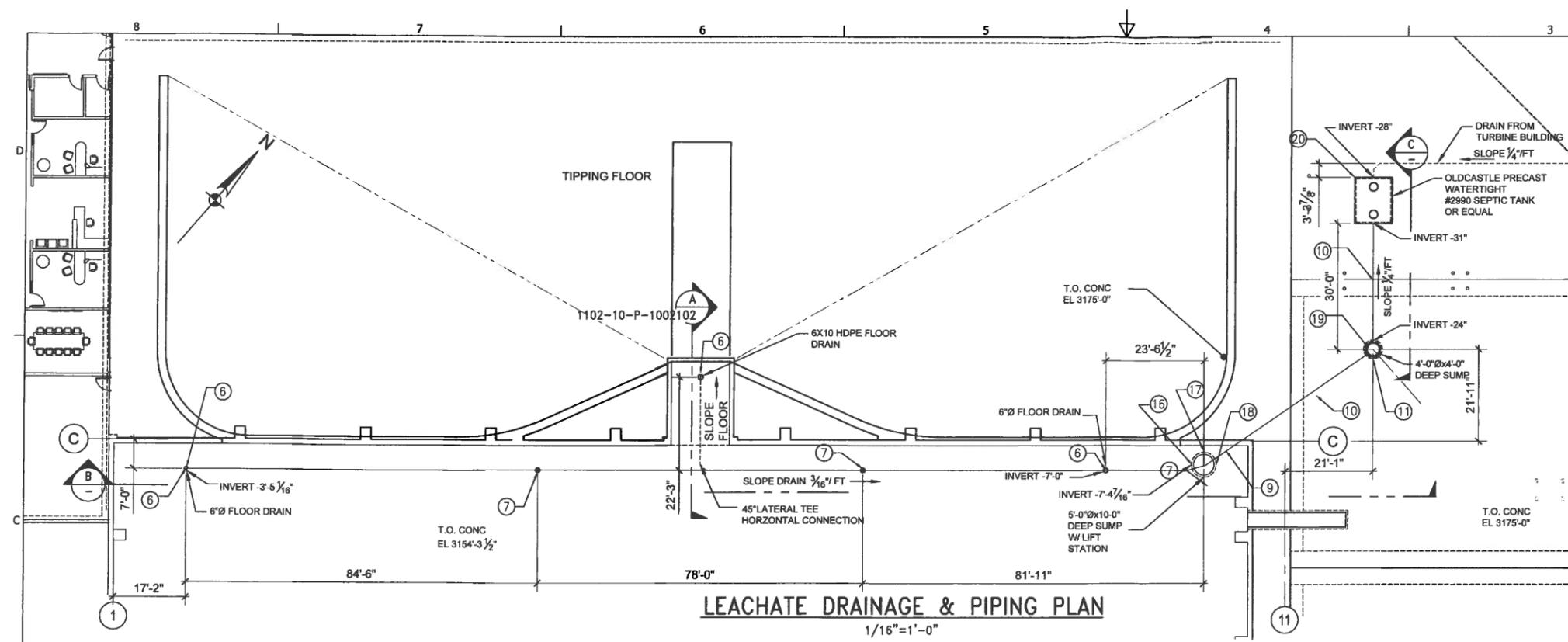


**ISSUED FOR PERMIT**  
NOT FOR CONSTRUCTION

**DYNAMIS ENERGY**  
Dynamis Energy LLC,  
776 E. Riverside Dr. Ste. 150  
Eagle, ID 83616

TITLE		LEACHATE DRAINAGE FLOW DIAGRAM	
SIZE	D	DWG NO	1102-04-F-1002038
SCALE	NONE	REV	1
SHEET 1 OF 1			

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**PIPING SCHEDULE : GRAVITY FEED SYSTEM - FLUID-LOK**

MARK	SIZE	STD. SDR	SIZE CODE	PART NO.	DESCRIPTION	SPECIFICATION	QTY.
1	6 X 10	11X17	627	4011	90 DEG ELBOW	FLUID-LOK HDPE DOUBLE CONTAINMENT PIPE	2
2	6 X 10	11X17	627	4001	SIMULTANEOUS PIPE	FLUID-LOK HDPE DOUBLE CONTAINMENT PIPE	240 FT
3	6 X 10	11X17	627	4047	45° LATERAL TEE	FLUID-LOK HDPE DOUBLE CONTAINMENT PIPE	4
4	6 X 10	11X17	627	4021	45° ELBOW	FLUID-LOK HDPE DOUBLE CONTAINMENT PIPE	4
5	6 X 10	11X17	627	4952	FORCE TRANSFER DOGBONE END TERMINATION W/ PLUG	FLUID-LOK HDPE DOUBLE CONTAINMENT PIPE	1
6	6X10	11X17	627	-	6" FLOOR DRAIN ASSY	HDPE FLUID-LOK FLOOR DRAIN	3
7	6X10	11X17	627	-	6" CLEAN OUT	END TERMINATION CLEAN-OUT 6X10 627	2
8	6X10	11X17	627	-	4" LOW POINT ASSEMBLY	4" LOW POINT LEAK DETECTION ASSEMBLY	1

ALL GRAVITY FEED PIPE TO BE FLUID-LOK DOUBLE WALL CONTAINMENT PIPING OR APPROVED EQUAL.

**PIPING SCHEDULE : PRESSURE LIFT SYSTEM - DUO-PRO**

MARK	SIZE	STD. SDR	SIZE CODE	PART NO.	DESCRIPTION	SPECIFICATION	QTY.
9	2 X 4	-	420	-	90° LONG SWEEP ELBOW	POLY-FLO HDPE DOUBLE CONTAINMENT PIPE	6
10	2 X 4	-	420	-	EXTRUDED UNITARY PIPE	POLY-FLO HDPE DOUBLE CONTAINMENT PIPE	80 FT
11	2 X 4	-	420	-	45° ELBOW	POLY-FLO HDPE DOUBLE CONTAINMENT PIPE	1
12	2 X 4	-	420	-	2X4 LOW POINT ASSEMBLY	3" MLOW POINT LEAK DETECTION ASSEMBLY	1
13	FLYGT DP-3067 MT SUMP PUMP DUPLEX LAYOUT						
14	HDL 2 1/2" (65MM) BALL CHECK BOLTED DIRECTLY TO PUMP OUTLET						
15	2X4	-	420	-	2X4 TEE CONNECTOR		2
25	2X4	-	420	9247	END TERMINATION	DUO-PRO 150 X 150 END TERMINATION	1

ALL PIPE FROM PUMP TO SUMP TO BE DUO-PRO DOUBLE WALL CONTAINMENT PIPING OR APPROVED EQUAL.

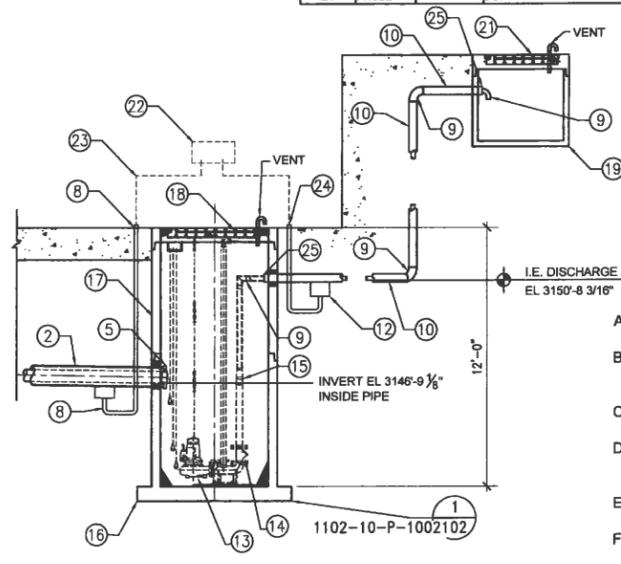
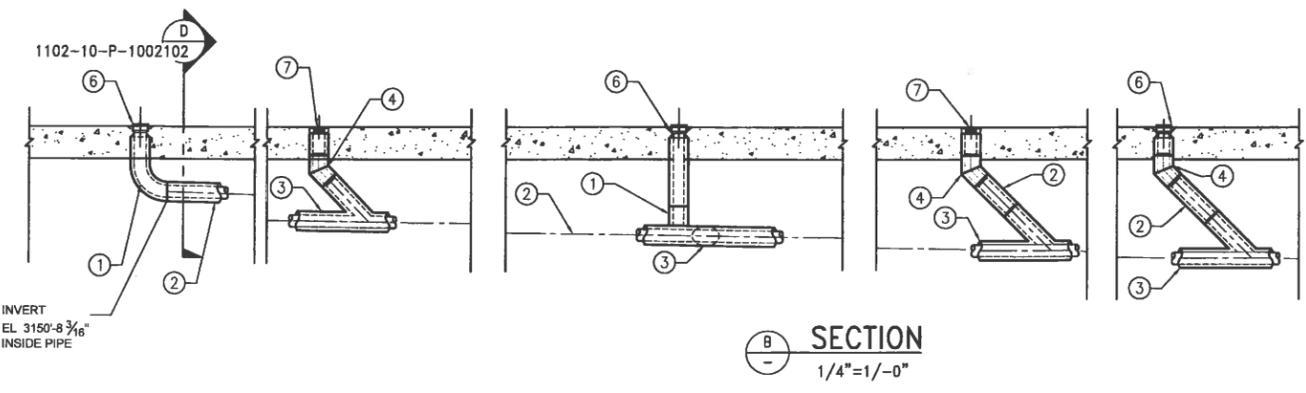
**PUMP STATION AND SUMP CALL OUTS**

MARK	SIZE	PART NO.	DESCRIPTION	SPECIFICATION	QTY.
16	60" ID	-	60" ID ROUND PRECAST VAULT BASE	PRE-CAST CONCRETE PUMP STATION	1
17	60" ID	-	60" ID ROUND PRECAST VAULT SECTION	PRE-CAST CONCRETE MID-SECTION	1
18	60" ID	-	H20 LID W. FAPS 34X39 ACCESS WAY	CUSTOM FAB ROUND LID WITH RECT HATCH	1
19	48" ID	-	48" ID ROUND X 48" DEEP SUMP	PRE-CAST CONCRETE SUMP	1
20	108X132	-	PRE-CAST WATER TIGHT SEPTIC TANK	OLD CASTLE # 2990 SEPTIC TANK OR EQUAL W/LID	1
21	48" ID	-	H20 LID W. FAPS 34X39 ACCESS WAY	CUSTOM FAB ROUND LID WITH RECT HATCH	1

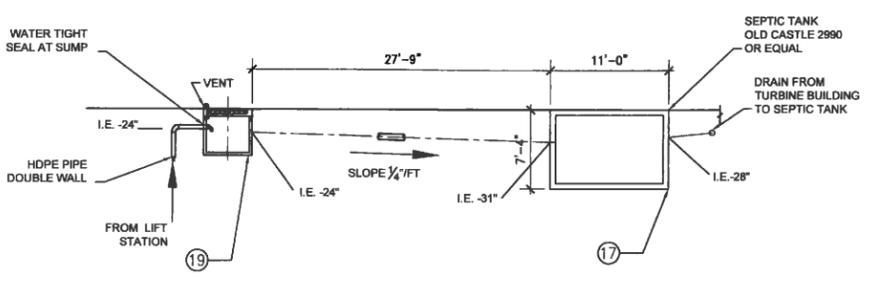
ALL CONCRETE SUMPS TO CONFORM TO IDAHO STANDARD 710.8 PLUMBING CODE REQUIREMENTS.

**LEAK DETECTION REQUIREMENTS**

MARK	SIZE	PART NO.	DESCRIPTION	SPECIFICATION	QTY.
22	12 X 24	-	NEMA 4 ENCLOSURE	ALARM AND CONTROL PANEL WITH LIGHT AND HORN FOR H.L. INDICATION	1
23	PROBE	-	DETECTION PROBE	LENGTH DETERMINED BY INSTALLER.	1
24	PROBE	-	DETECTION PROBE	LENGTH DETERMINED BY INSTALLER.	1



- GENERAL NOTES:**
- FOR PROJECT NOTES & SPECIFICATIONS SEE DRAWING #1102-01-G-1002021 & 1002022.
  - PUMPING STATION ENCLOSURE TO BE CERTIFIED WATERTIGHT IN ADHERENCE WITH IDAHO STATE PLUMBING CODE 710.8.
  - ALL CONNECTIONS TO BE WATERTIGHT AND TESTED IN ACCORDANCE TO IDAHO STATE PLUMBING CODE 712.0.
  - LIFT STATION SHALL HAVE EFFLUENT PUMP, ON/OFF FLOATS, ALARM FLOATS (LLL, LL, HL) COMPLETE INTERNAL PIPING SYSTEM, CHECK VALVE, DUPLEX GUIDE BARS.
  - LIFT STATION DISCHARGE LINE TO BE DOUBLE WALLED AND HAVE AUTOMATIC LINE LEAK DETECTOR.
  - ALL LEACHATE DRAIN PIPE TO BE PROTECTED UNDER SLAB AS SHOWN IN DETAIL SECTION "D" ON SHEET 1102-10-P-1002102
  - ALL DOUBLE WALL PIPE SHOULD BR INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.



**REVISIONS**

NO.	REVISIONS	BY	DATE
1	GENERAL REVISIONS	JWS	08/16/12
0	ISSUED FOR PERMIT	JWS	08/10/12

**ADA COUNTY, IDAHO**

**EVERGREEN ENGINEERING**  
Engineering and Construction Services  
EUGENE, OREGON  
(841) 484-8771 FAX: (841) 484-8798  
www.evergreeneng.com

JOB NUMBER: 2540.1  
DATE: 08/10/12

**UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:**

DECIMAL	WELD	1/32	CHECKED	DATE
X ±.1	CHAMFERS	±.5	QA	
XX ±.02	ANGLES	±.1	MFG	
XXX ±.005	CAST	±.1/8		
FRACTIONS	±1/16	APPROVED		
THIRD ANGLE PROJECTION		MATERIAL	FINISH	N/A
		SEE TABLE		

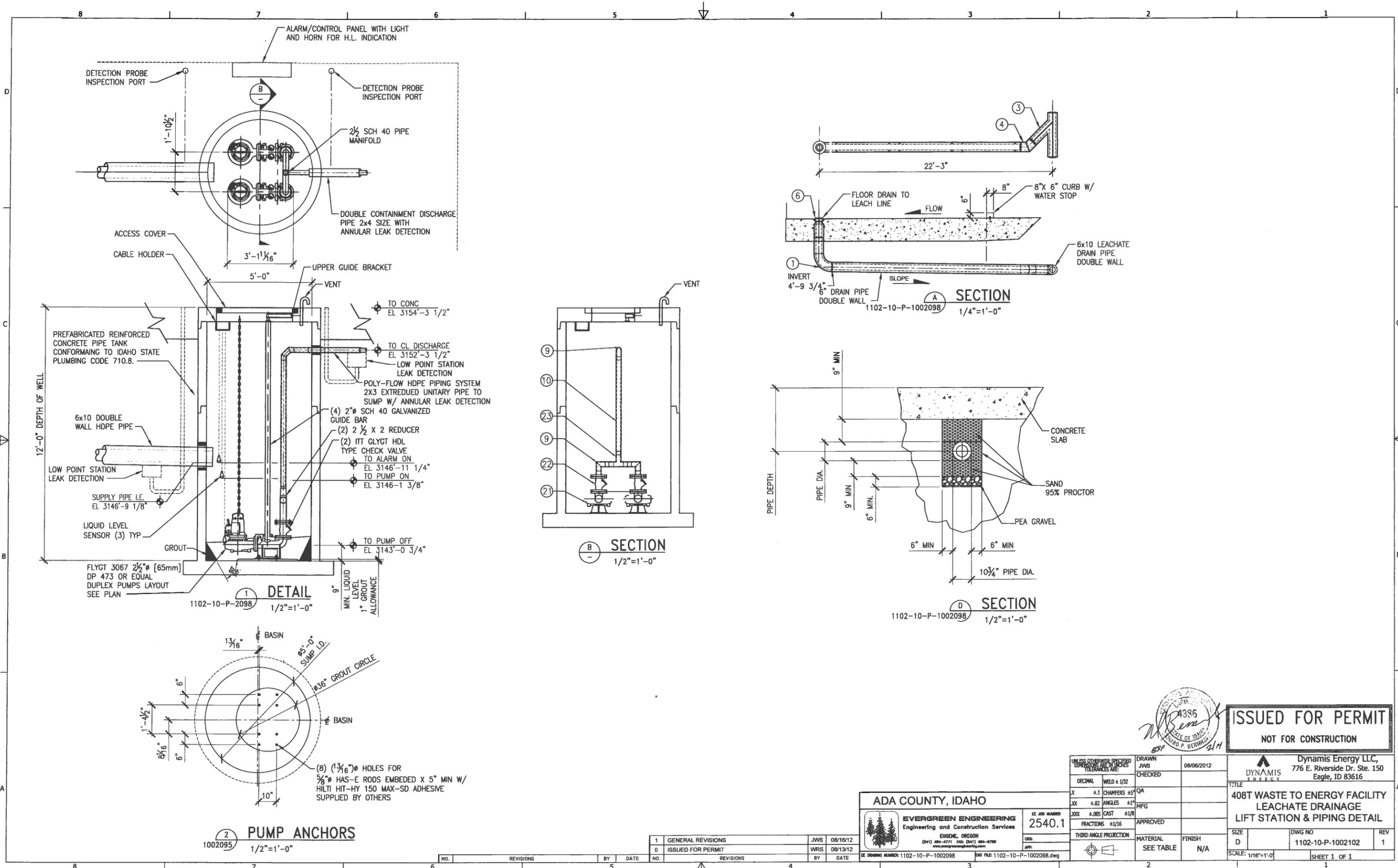
DRAWN: JWS  
CHECKED: 08/06/2012

**ISSUED FOR PERMIT**  
NOT FOR CONSTRUCTION

**Dynamis Energy LLC**  
776 E. Riverside Dr. Ste. 150  
Eagle, ID 83616

**TITLE**  
408T WASTE TO ENERGY FACILITY  
LEACHATE DRAINAGE  
& PIPING PLAN

SIZE: D  
DWG NO: 1102-10-P-1002098  
REV: 1  
SCALE: 1/16"=1'-0"  
SHEET 1 OF 1



**1** DETAIL  
1102-10-P-2098  
1/2"=1'-0"

**2** PUMP ANCHORS  
1002095  
1/2"=1'-0"

**A** SECTION  
1102-10-P-1002098  
1/4"=1'-0"

**B** SECTION  
1/2"=1'-0"

**D** SECTION  
1102-10-P-1002098  
1/2"=1'-0"

NO.	REVISIONS	BY	DATE
1	GENERAL REVISIONS	JWS	08/16/12
0	ISSUED FOR PERMIT	WRS	08/13/12

**ADA COUNTY, IDAHO**

**EVERGREEN ENGINEERING**  
Engineering and Construction Services  
EUGENE, OREGON  
(541) 484-4771 FAX: (541) 484-4758  
www.evergreeneng.com

EE JOB NUMBER: **2540.1**

DATE: 08/13/12

FILE: 1102-10-P-1002098.dwg

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		DRAWN	DATE
DECIMAL	WELD ± 1/32	JWS	08/06/2012
X ± .1	ANGLES ± 5'	CHECKED	
XX ± .02	ANGLES ± 1'		
XXX ± .005	CAST ± 1/8		
FRACTIONS ± 1/16	APPROVED		
THIRD ANGLE PROJECTION	MATERIAL	FINISH	
	SEE TABLE	N/A	

**ISSUED FOR PERMIT**  
NOT FOR CONSTRUCTION

**Dynamis Energy LLC**,  
776 E. Riverside Dr. Ste. 150  
Eagle, ID 83616

**DYNAMIS ENERGY**

**408T WASTE TO ENERGY FACILITY LEACHATE DRAINAGE LIFT STATION & PIPING DETAIL**

SIZE: D DWG NO: 1102-10-P-1002102 REV: 1

SCALE: 1/16"=1'-0" SHEET 1 OF 1

A:\data\1102-10-P-1002098.dwg - 484 484 County\1102-10-P-1002098.dwg - 484 484 County\1102-10-P-1002098.dwg - 484 484 County\1102-10-P-1002098.dwg - 484 484 County\1102-10-P-1002098.dwg - 484 484 County\1102-10-P-1002098.dwg

