#### DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



# CITY OF PORTLAND BUILDING PERMIT



This is to certify that

Located At 50 INDUSTRIAL WAY

Job ID: 2011-09-2245-ALTCOMM

CBL: 326- B-009-001

has permission to Construct a 1.462 of fermentation tank support structure & 400 of slab for equipment relocation provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statues of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be

Fire Prevention Officer

Sode Enforcement Officer / Plan Reviewer

THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY PENALTY FOR REMOVING THIS CARD

## City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, FAX: (207) 8716

Job No: 2011-09-2245-ALTCOMM	Date Applied: 9/15/2011		CBL: 326 B - 009 - 001	1					
Location of Construction: 50 INDUSTRIAL WAY	Owner Name: 50 INSUSTRIAL WAY	, LLC	Owner Address: 100 INDUSTRIAL PORTLAND, ME (	Phone: 878-5385					
Business Name: ALLAGASH BREWING	Contractor Name: TBD Paul Urenecl CBRE Boulos	k c/o	Contractor Address: c/o 1 Canal Plaza, Portland, ME 04101						
Lessee/Buyer's Name:	Phone:		Permit Type:	Zone: I-M					
Past Use: Brewery	Proposed Use:  Same: Brewery - to 1600 sq addition for fermentation tanks		Cost of Work: \$200,000.00  Fire Dept:	Inspection: Use Group: 1.2 Type: 2.6 DBL-2009 Signature: 6					
Proposed Project Description Const Fermentation tank support Permit Taken By: Lannie				ities District (P.A.D.)  Zoning Approva		10/6/11			
<ol> <li>This permit application of Applicant(s) from meeting Federal Rules.</li> <li>Building Permits do not septic or electrial work.</li> <li>Building permits are voice within six (6) months of False informatin may invested permit and stop all work.</li> </ol>	include plumbing,  d if work is not started the date of issuance. validate a building	Special Zo Shoreland Wetland Flood Zo Subdivis Site Plan H 201  Date: CERTIF	s one sion	Zoning Appeal  Variance  Miscellaneous  Conditional Use  Interpretation  Approved  Denied  Date:	Not in Di Does not Requires Approved	oved w/Conditions			
nereby certify that I am the owner of a e owner to make this application as he e application is issued, I certify that the enforce the provision of the code(s)	is authorized agent and I agree he code official's authorized re	e to conform to	all applicable laws of t	his jurisdiction. In addition	, if a permit for wo	ork described in			
IGNATURE OF APPLICAN	Γ Al	DDRESS		DATE		PHONE			



# PORTLAND MAINE

Strengthening a Remarkable City, Building a Community for Life . www.portlandmaine.gov

Acting Director of Planning and Urban Development Greg Mitchell

> Inspection Services, Director Tammy M. Munson

December 19, 2011

50 Industrial Way LLC 100 Industrial Way Portland, Maine 04103

Landry/French Construction Company ATTN: Dan Dipietro 68 Mussey Raod Scarborough, Maine 04074

CBL: 326 B009001 Located at 50 Industrial Way

To whom it may concern,

This letter verifies that Construction performed under Building Permit # 2011-09-2245 issued by the City of Portland at the above address has been satisfactory completed for a temporary occupancy certificate. The temporary will expire June 1, 2012 at which time all site work shall be completed per site plan approved by this department. Inspections have been recorded and the work appears to be in accordance with the applicable code requirements. This does not certify that the property is free of building code violations.

If you have any questions, feel free to contact me at this office.

Nicholas Adams

Code Enforcement Officer

207-874-8789

Sinceref

## **BUILDING PERMIT INSPECTION PROCEDURES**

Please call 874-8703 or 874-8693 (ONLY)

or email: buildinginspections@portlandmaine.gov

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.
- Permits expire in 6 months. If the project is not started or ceases for 6 months.
- If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.
- 1. Footing/Location Inspection prior to pouring concrete
- 2. Periodic Rebar inspections prior to concrete
- 3. Underground Plumbing Inspection
- 4. Close In Framing/Plumbing/Electrical prior to covering
- 5. Final Inspection including submission of Special Inspection Report and stamped letter of completion.

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.

Director of Planning and Urban Development

Penny St. Louis

Strengthening a Remarkable City, Building a Community for Life . www.portlandmaine.gov

Job ID: 2011-09-2245-ALTCOMM

Located At: 50 INDUSTRIAL

CBL: 326- B-009-001

<u>WAY</u>

## **Conditions of Approval:**

#### Zoning:

- 1. Separate permits shall be required for any new signage.
- 2. This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.
- 3. All the regulations of the I-M Zone maximum noise levels shall be met. Any violation of the maximum allowed noise levels shall be mitigated by taking sound dampening measures.
- 4. Any relocation of structures shall have a separate permit application showing all applicable zoning setbacks.

#### Fire:

- 1. Installation shall comply with City Code Chapter 10.
- 2. All construction shall comply with City Code Chapter 10.
- 3. This permit is being approved on the basis of the plans submitted. Any deviation from the plans would require amendments and approval.
- 4. The Fire alarm and Sprinkler systems shall be reviewed by a licensed contractor[s] for code compliance. Compliance letters are required.
- 5. A separate Fire Alarm Permit is required for new systems; or for work effecting more than 5 fire alarm devices; or replacement of a fire alarm panel with a different model.
- 6. Fire Alarm system shall be maintained. If system is to be off line over 4 hours a fire watch shall be in place. Dispatch notification required 874-8576.
- 7. The fire alarm system shall comply with the City of Portland Standard for Signaling Systems for the Protection of Life and Property. All fire alarm installation and servicing companies shall have a Certificate of Fitness from the Fire Department.
- 8. The sprinkler system shall be installed in accordance with NFPA 13.
- 9. A separate Suppression System Permit is required for all new suppression systems or sprinkler work effecting more than 20 heads.
- 10. A sprinkler supervisory system shall be provided in accordance with NFPA 101, *Life Safety* Code, and NFPA 72, *National Fire Alarm and Signaling Code*. Sprinkler supervisory systems shall monitor for water flow and sprinkler supervisory signals via an approved fire alarm panel to central station. One smoke detector shall be located over the panel, a manual pull station located at the front door, and an audible water flow alarm provided.
- 11. Occupancies with an occupant load of 100 persons or more require panic hardware on all doors serving as a means of egress.

Job ID: 2011-09-2245-ALTCOMM

Located At: 50 INDUSTRIAL

CBL: 326- B-009-001

WAY

- 12. Emergency lights and exit signs are required. Emergency lights and exit signs are required to be labeled in relation to the panel and circuit and on the same circuit as the lighting for the area they serve.
- 13. Any cutting and welding done will require a Hot Work Permit from Fire Department.
- 14. Walls in structure are to be labeled according to fire resistance rating. IE; 1 hr. / 2 hr. / smoke proof.
- 15. A single source supplier should be used for all through penetrations.

## **Building:**

- 1. Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.
- 2. Separate permits are required for any electrical, plumbing, sprinkler, fire alarm, HVAC systems, heating appliances, including pellet/wood stoves, commercial hood exhaust systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process.
- 3. Tanks and equipment shall be installed per the manufacturer's specifications.

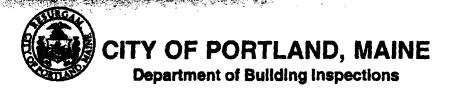
# General Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Total Square Footage of Proposed Structure 1.462 #-	TNAUSTRIAL WAY PORT e/Area Square Footage of Lot	
Tax Assessor's Chart, Block & Lot Chart# Block# Lot#	Applicant *must be owner, Lessee or Name 50 IND VSTRIAL WA	· · · · · · · · · · · · · · · · · · ·
326 8009001	Address 100 INDUSTRIAL W	UAY
	City, State & Zip PRITAM, M	le o4194
Lessee/DBA (If Applicable)	Owner (if different from Applicant)	Cost Of
AllAGASH BREWING	Name SAME	Work: \$ 200,000 100
7/11/10-12-1	Address	C of O Fee: \$
	City, State & Zip	Total Fee: \$ <b>#2020 . 6</b>
roject description:	If yes, please name	
Contractor's name: To RE DE Address: PAO SECT IS O	TON OF FERMENTATION " FER ATTACHED PLANS TERMINED CURRENTLY OUT TO BID	TANK SUPPORT  SÆCIFICATIONS
roject description:  CONSTRUCTO  STRUCTO AE  Contractor's name:  TO RE DE  Address:  PROSECT IS C	TON OF FERMENTATION TERMINED CURRENTLY OUT TO BID	TANIC SUPPORT  SPECIFICATIONS  Telephone: 871,1290 (0)
Contractor's name: TO RE DE City, State & Zip	TON OF FERMENTATION TO PLANS TERMINED CURRENTLY OUT TO BID ready: Paul URENECK	TANK SUPPORT  SECIFICATIONS  Telephone: 87/1290 Co 3  Telephone: 232 1172 CC  PORTLAND ME 04101
Project description:  CONSTRUCTO AS  STRUCTO AS  Contractor's name:  PRO SECT 1S  City, State & Zip  Who should we contact when the permit is  Mailing address:  City Cis RE Bo  Please submit all of the informati	PER ATTACHED PLANS TERMINED CURRENTLY OUT TO BID  ready: Paul URENECK OULDS I CANAL PLAZA Planning a the full scope of the project, the Planning a the full scope of the project, the Planning a the issuance of a permit. For further informate the full scope of the project, the Planning a the issuance of a permit. For further informate the full scope of the project, the Planning a the named property, or that the owner of record	TANK SUPPORT  SPECIFICATIONS  Telephone: 87/1290 Co. Telephone: 232 1172 Cc. POLICAND ME OGIO!  ecklist. Failure to  nit.  and Development Department ation or to download copies of te.gov, or stop by the Inspections  d authorizes the proposet work and

Date: This is not a permit; you may not commence ANY work until the permit is issue

Signature:



## **Original Receipt**

	9.15 20 /1
Received from	aush
Location of Work	Hludeal
Cost of Construction \$	Building Fee:
Permit Fee \$	Site Fee:
Certif	icate of Occupancy Fee:
	Total: 0000
Building (IL) Plumbing (IS)	_ Electrical (I2) Site Plan (U2)
Other	
CBL: 206 3.9	
Check #: 2577	Total Collected \$ 200

No work is to be started until permit issued. Please keep original receipt for your records.

Taken by:

WHITE - Applicant's Coby YELLOW - Office Copy PINK - Permit Copy From:

"Ben Jennings" <bjennings@jandmstructural.com>

To:

"'Ureneck, Paul'" <PUreneck@Boulos.com>, "'Jeanie Bourke'" <JMB@portland...

Date:

10/6/2011 12:19 PM

Subject:

RE: Automatic reply: Allagash

#### Paul,

Ashton at Mueller said that for this type of usage there should be virtually no chance of the trap ever drying out. There should be some water released in the facility almost daily. Worst case might be to go a couple of days. It doesn't take much to keep the trap full. Anyway, no primer required. Thanks,

Ben

----Original Message----

From: Ureneck, Paul [mailto:PUreneck@Boulos.com]

Sent: Thursday, October 06, 2011 10:22 AM

To: Jeanie Bourke Cc: Ben Jennings

Subject: Re: Automatic reply: Allagash

Ben. See below. Please answer. This is a question from the bldg inspector. Need answer asap. Thxs

Paul Ureneck
Vice President
Project Management
CBRE Boulos

On Oct 6, 2011, at 11:17 AM, "Jeanie Bourke" <JMB@portlandmaine.gov>> wrote:

#### Paul,

Will the floor drain have a trap primer....not clear on the regularity of flow into this?

Jeanie

>>> "Ureneck, Paul" <PUreneck@Boulos.com<mailto:PUreneck@Boulos.com>> >>> 10/5/2011 4:05 PM >>>

I will be on the road all day Wednesday. I will respond to your email at my first opportunity. Thank you, Paul.

#### Paul Ureneck | Vice President

CBRE | The Boulos Company | Boulos Property Management One Canal Plaza | Portland, ME 04101 T 207.871.1290 | F 207.772.2647

paul.ureneck@cbre.com<mailto:paul.ureneck@cbre.com><mailto:paul.ureneck@cbre.com> |

www.boulos.com<a href="http://www.boulos.com/>http://www.boulos.com/

Profile<<http://www.cbre.com/paul.ureneck>http://www.cbre.com/paul.ureneck>

Please consider the environment before printing this email.

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## Jeanie Bourke - Allagash Brewing, 50 Industrial Way - BP Issuance

From: Philip DiPierro

**To:** Code Enforcement & Inspections

**Date:** 9/30/2011 4:14 PM

Subject: Allagash Brewing, 50 Industrial Way - BP Issuance

Hi all, this project, site plan #2011-318, the Allagash Brewery Addition at 50 Industrial Way, meets minimum DRC site plan requirements for the issuance of the building permit. The PG has been posted, site inspection fee paid, preconstruction meeting held, and Planning conditions prior to issuance of BP have been met.

Please contact me with any questions. Thanks.

Phil

Applicant: 50 Industrial WAY Date: 8/8/11
Applicant: 50 Industrial Way Date: 8/8/11 Address: Allagath Brewing 6 C-B-L: 326-13-8:9
CHECK-LIST AGAINST ZONING ORDINANCE
Date-
Interior or corner lot - purchased se te LOCATED?
Proposed Use Work - 1,600 Addition Links
Servage Disposal - (174
Loi Street Frontage - 240'+ Show
Front Yard - 80 plus Show -
Rear Yard - I'for each I'd hair hour up to 25' - 30'+8hown Side Yard - I'for each I'd hair hour up to 25' - 240'+ Shown Projections -
Side Yard - I' for each I'd hay hay up to 25' - 240'+ Show
Projections -
Width of Lot-
Height- 75'mmx - tanks Are 331 tall persketch
Lot Area - 133,060 given
Lot Coverage Impervious Surface - 75% Max = 31/1mper
Lot Area - 133,060 given  Lot Coverage Impervious Surface - 75% max  Area per Family - N/A  Area per Family - N/A
Off-street Parking No extra parking for the TAMES_ working
Loading Bays -
Site Plan - # 20 1 - 3/8
Shoreland Zoning/ Stream Protection -
Flood Plains- Panel / Zone C, JOISE LOVERS 7:00Am - 10:00pm -> 70 dBAS
161Se /01/005 7:00Am - 10:00pm -> 70 dBAS



sebagotechnics.com

One Chabot Street P.O. Box 1339 Westbrook, Maine 04098-1339 Ph. 207-856-0277 Fax 856-2206

August 8, 2011 02249

Barbara Barhydt, Development Review Services Manager Planning and Urban Development Department City of Portland 389 Congress Street Portland, ME 04101

Level II Preliminary Site Plan Application
50 Industrial Way, LLC - Allagash Brewing Company
Tax Map 326 Block B, Lot 8 and Lot 9

#### Dear Barbara:

On behalf of 50 Industrial Way, LLC, Sebago Technics, Inc. is submitting this Preliminary Site Plan application for an expansion of their facility located at 50 Industrial Way in Portland, Maine. The property is owned and operated as a Brewery (Allgash Brewing Company) by the applicant and is depicted as Lots 8 and 9 on Tax Map 326. As you will recall, we met with you and Urban Development review staff on July 21, 2011 to discuss the future development for this property.

Based upon our discussion and the development priorities of the owner, this application consists solely of construction of an approximately 1,600 square foot building addition, which will accommodate six-240 barrel fermenters, and expansion of the exterior concrete equipment pad to approximately 4,300 square feet. The site work will include minor grading associated with the addition and the concrete pad. A floor drain within the building addition will be connected to the on-site sanitary sewer treatment system. All other utilities will be extended to the building addition from the services within the existing building.

With the inclusion of the \$400.00 application fee, we are hopeful that the information provided is sufficient to complete a review of the application and to proceed with final approval of the development proposal. Please contact me if you have any questions or if you require additional information. Thank you for your consideration.

Sincerely,

SEBAGO TECHNICS, INC.

Richard L. Meek, P.E. Sr. Project Engineer

RLM:rlm/dlf

Enclosure

cc: Rob Tod, Allagash Brewing Company

## **PROJECT DATA**

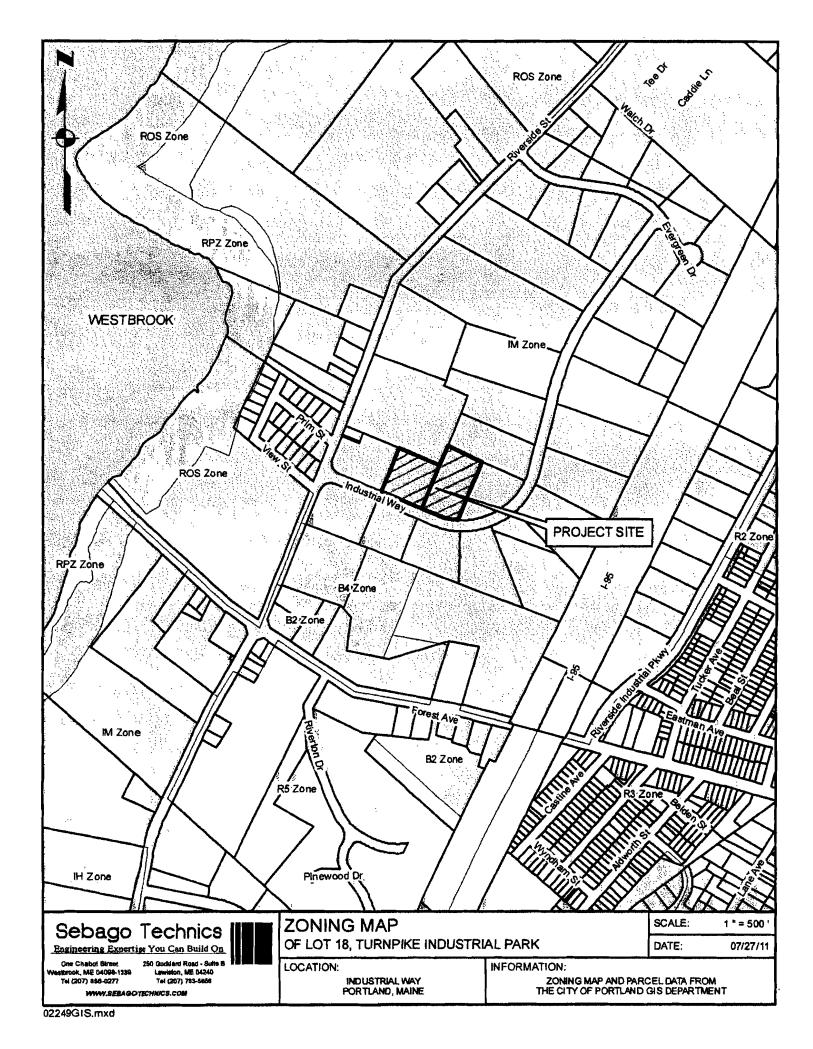
The following information is required where applicable, in order complete the application

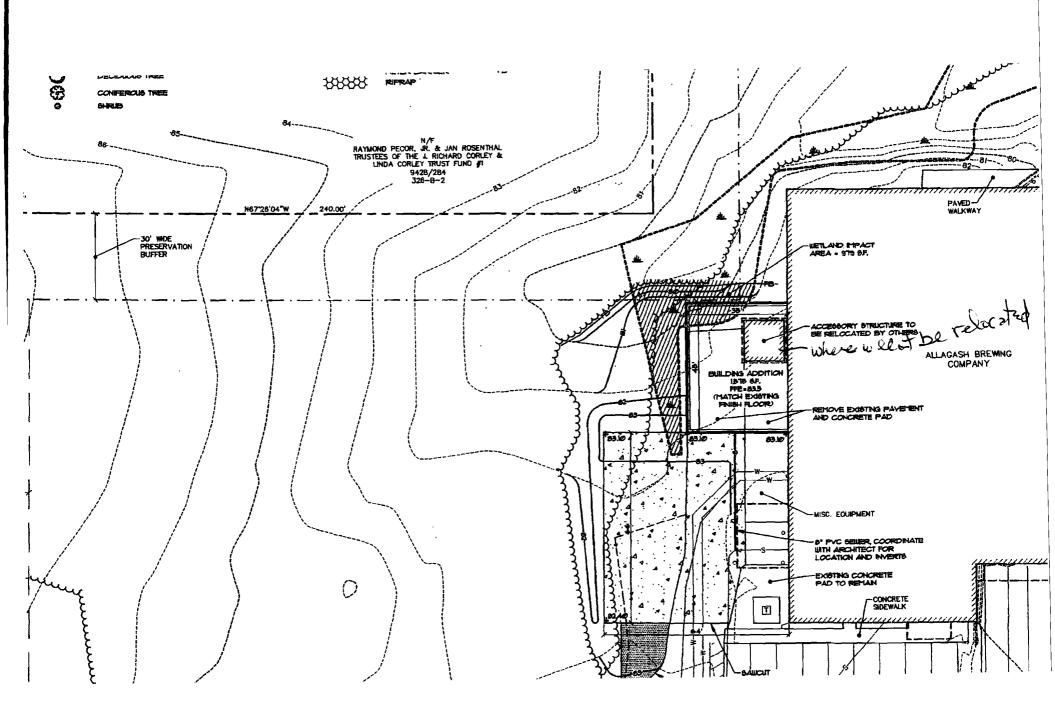
Total Site Area	133,060	sq. ft
Proposed Total Disturbed Area of the Site	61,520	sq. ft
(If the proposed disturbance is greater than one acre, then the applic		
Construction General Permit (MCGP) with DEP and a Stormwater Ma	nagement Permit, Chapte	or 500, with
the City of Portland)		
IMPERVIOUS SURFACE AREA		
Proposed Total Paved Area	20,630	sq. ft
Existing Total Impervious Area	38,885	sq. ft
Proposed Total Impervious Area	41,315	sq. ft
Proposed Total Impervious Area	41,315	sq. fi
Proposed Impervious Net Change	+2,430	sq. fi
BUILDING AREA	10 540	
Proposed Building Footprint	18,548	sq. ft
Proposed Building Footprint Net change	+1,575	sq. fi
Existing Total Building Floor Area	18,092	sq. ft
Proposed Total Building Floor Area	19,667	sq. ft
Proposed Building Floor Area Net Change	+1,575	sq. ft
New Building	addition	(yes or no
ZONING		· · · · · · · · · · · · · · · · · · ·
Existing	IM	
Proposed, if applicable	n/a	<del></del>
LAND USE		
Existing	brewery	
Proposed	brewery	
RESIDENTIAL, IF APPLICABLE		
Proposed Number of Affordable Housing Units	n/a	
Proposed Number of Residential Units to be Demolished	n/a	
Existing Number of Residential Units	n/a	
Proposed Number of Residential Units	n/a	
Subdivision, Proposed Number of Lots	n/a	
PARKING SPACES		
Existing Number of Parking Spaces	22	<del>-</del>
Proposed Number of Parking Spaces	22	<del></del>
Number of Handicapped Parking Spaces	1	
Proposed Total Parking Spaces	22	
		······································
BICYCLE PARKING SPACES		
Existing Number of Bicycle Parking Spaces	0	
Existing Number of Bicycle Parking Spaces	0	
Proposed Number of Bicycle Parking Spaces	10	
Total Bicycle Parking Spaces	10	
ESTIMATED COST OF PROJECT	\$250,000	

Exhibit 6

# Assessment of Zoning

A copy of the zoning map indicating the location of the project site is provided. As depicted, the subject parcel is located entirely within the medium intensity industrial zone (I-M); and does not abut any other City zoning districts.





- SE -80 MANAGEMENT OF THE PROPERTY OF i 28 0 0 A STATE OF NOUSTRIAL WAY ALLAGASH BARTMAN No. Carlo 野 A CANADA iĝ. H ANDERSON OF THE CONTRACTOR OF THE STATE OF 

Sebego Technics

ALLAGASHI BREWING COMPANY

ALLA

## Marge Schmuckal - Fwd: FW: Cellar Sketch

From:

Barbara Barhydt

To:

Schmuckal, Marge

Date:

8/9/2011 8:25 AM

Subject:

Fwd: FW: Cellar Sketch

Attachments: Allagash Cellar.pdf

Attached is a sketch of what the addition will be like. They have not finalized the layout for the concrete pad.

Thanks.

#### Barbara

>>> "Richard Meek" <rmeek@sebagotechnics.com> Tuesday, August 09, 2011 7:53 AM >>> Barbara,

Here is a sketch (plan and elevation) of the building addition with fermenters. Correct me if I am wrong, but my understanding was that the rear/side setback is 25 feet regardless of the structure height. The proposed setback distances are not specifically noted on the plan, however, the proposed building is greater than 30 feet from the side/rear property line (to maintain the 30' preservation buffer).

The equipment currently located on the existing concrete pad includes: a malt silo, CO2 tank, AC/chiller units, process wastewater treatment tank and electrical transformer. Allagash is looking to add/expand with similar equipment. However, a layout of new/existing equipment has not been finalized. What specific information regarding the equipment will you require?

The application references the process for electronic submission. What format does the submission material need to be?

Thanks Rick

Richard Meek, P.E., LEED AP Sr. Project Engineer

SEBAGO TECHNICS, INC. www.sebagotechnics.com

Westbrook Office:

**Lewiston Office:** 

One Chabot Street

250 Goddard Road - Suite B Lewiston, Maine 04240

P.O. Box 1339 Westbrook, Maine 04098

Tel. 207-783-5656

Tel. 207-856-0277 x269

Fax 207-783-5655

Fax 207-856-2206



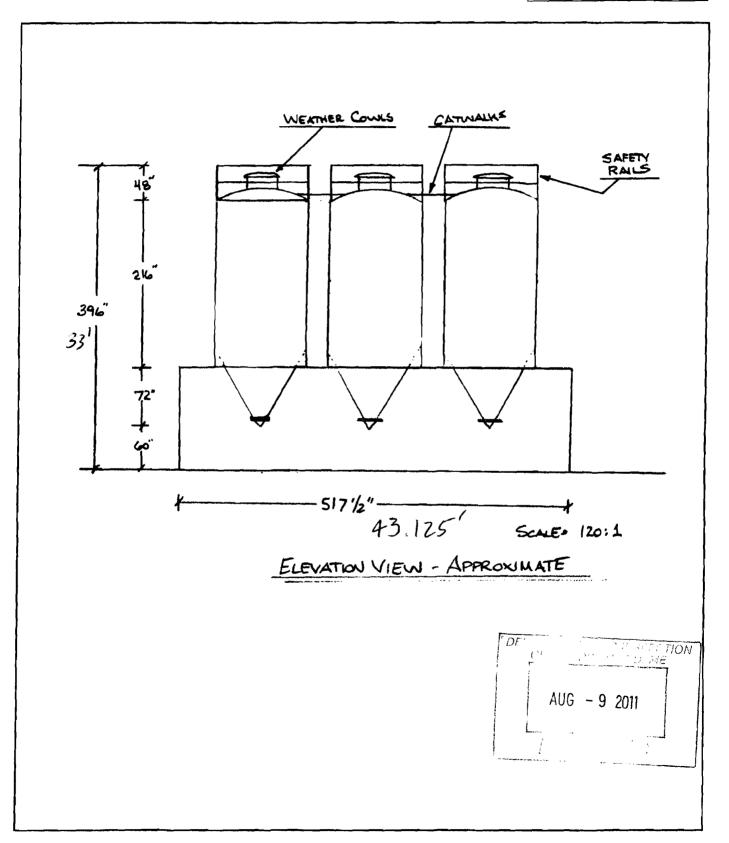
CONFIDENTIALITY STATEMENT: This electronic message contains information from the design firm of Sebago Technics, Inc., and may be confidential or privileged. The information is intended solely for the use of the individual(s) or entity(ies) named above. If you are not the intended recipient, be aware that any disclosure, copying, distribution or use of the contents of this message is prohibited. If you have received this e-mail in error, please notify us immediately by telephone at (207) 856-0277 or by e-mail reply and delete this message. Thank you.



Subject: ALLAGASH OUTDOOR CELLAR

Date: 7-19-11 By: A. LEWIS

Sheet No.: 2 of 2

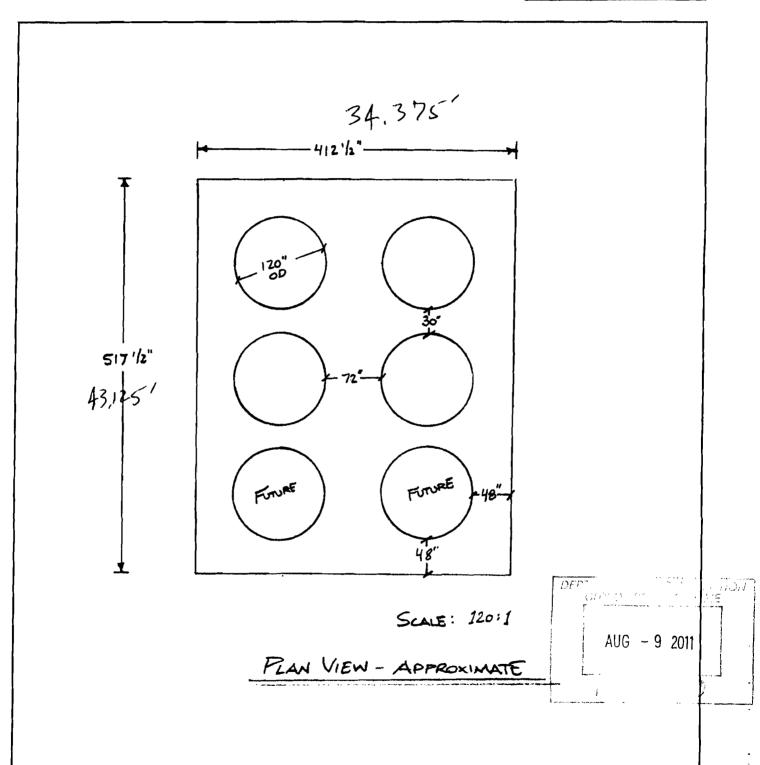




Subject: ALLAGASH OUTDOOR CELLAR

Date: 7-19-11 By: A. LEWIS

Sheet No.: | of 2





# Porthain Mall

Strengthening a Remarkable City, Building a Community for Life • www.portlandmaine.gov

Penny St. Louis, Director of Planning and Development Marge Schmuckal, Zoning Administrator

Phase III News Darki lot on New lot
PEOPLE PRESENT: Richard Meel-Paul Unemark - Manis Harcock- Capt.  DAVID M-P-Alex J-Shukrin-Chris (FD)-EPICK G-Nelle-BALDAMB  DISCUSSION: +O Add (Phase I) + Males & Consulta Phase & Consulta Ph
PEOPLE PRESENT: Richard Meel-Paul Unemark - Maris Hancock- DAVID M-P-Alex J-ShukriA-Chris (FD)-ERCK G-Nelle-BALDARA B- DISCUSSION: to Add (Phase I) tanks (Comary P165 x 65 Phase II- Expand The tank area. Add 8-10-tanks & circular axcess No-tractor-trailers on sitz when completed
DAVID M-P-ALIX J-Shukrin-Chris (FD)-EPICK G-Nelle-BALDARA B-DISCUSSION: to Add (Phase I) tanks & Konnage Prose Connage Prose II- Expand The tank area - Add 8-10-tanks & Cornela access No-tractor trailers on site when completed the second of the connection of the c
DAVID M-P-ALEXJ-Shukria-Chris (FD)-EPICKG-Nelle-BALDAVAB  DISCUSSION: to Add (Phase I) tanks & Go tanks & Connets Phase & E  Phose II- Expand The tank area. Add 8-10-tanks & circular access  No-tractor-trailers on sitz when completed  Phase III New Donki lot on New (o)
DISCUSSION: to Add (Phase I) tanks & tanks Congress of Stanks Congress of Stanks of Scircular Access No-tractor trailers on site when completed the second of the second o
Phase III News Darki lot on New lot
Phase III News Darki lot on New lot
Phase III New Daki 10 MNew 101
PhaseIV 40'x 60' Addition eliminsty some PANG
what are The Emergency Access Concerns! - Chris WAMS to WAM I'V
75 m m haght in I-m 75% m m imperiors
75% mAx impervious
renriside Setback- I forevery I Thrught up to 25 (does Not Abut a res.) Discussed phasing & type of review (5 th Plan) less than 20,000th Stormwater treatment important > DAVID M. P- Checkwith Dave Serves -
Discussed phasing & type of Ferrew (5 th Plan) less Than 20,000
<u>Please note</u> : this meeting is not an pre-approval of <u>any</u> ordinances. No project can be approved without going thru the appropriate reviews. This meeting is only to outline the City processes to go through based on the information given at this meeting. Any changes to that information may change the process
requirements. Please check ordinances that are on-line for further information at <a href="https://www.portlandmaine.gov">www.portlandmaine.gov</a> .  YAST Products table (ECyclyd)
NRPA approval regured ) WANTER WOULD be needed on The 3 cm cuts - Tom Errico will Need That trapo Room 315 - 389, Congress Street - Portland, Maine 04101 (207) 874-8695 - FAX: (207) 874-8716 - TTY: (207) 874-3936
Discussed The required - Landscaping Feg-kningerdens

## Marge Schmuckal - RE: FW: Allagash Brewing pre-application meeting

From:

**Eric Giles** 

To:

Barhydt, Barbara; Meek, Richard

Date:

7/19/2011 9:38 AM

Subject: RE: FW: Allagash Brewing pre-application meeting

CC:

Hancock, Morris; Hanig, Nelle; Jaegerman, Alex; Margolis-Pineo, David...

Good Morning,

This is to inform everyone that the pre-app meeting for this Thurs, at 9:00 am, will be held in the Council Chambers on the 2nd floor of City Hall.

Erick Giles, AICP, LEED AP

**Planner** 

City of Portland

Department of Planning and Urban Development

>>> "Richard Meek" <rmeek@sebagotechnics.com> 7/15/2011 1:08 PM >>>

Yes, sorry for the delay. We will see you on Thursday at 9:00 in the fourth floor conference room. Are these email recipients the complete list of anticipated attendees?

Thanks

Rick

**From:** Barbara Barhydt [mailto:BAB@portlandmaine.gov]

Sent: Friday, July 15, 2011 12:35 PM

To: Richard Meek

Cc: Paul Ureneck; Rob Tod; David Margolis-Pineo; Eric Giles; Greg Mitchell; Marge Schmuckal; Nelle Hanig;

Shukria Wiar; Morris Hancock

Subject: RE: FW: Allagash Brewing pre-application meeting

Hi Richard:

Just checking to see if the date and time work for everyone.

Thank you.

Barbara

Barbara Barhydt **Development Review Services Manager Planning Division** 389 Congress Street 4th Floor Portland, ME 04101 (207) 874-8699 Fax: (207) 756-8256

## Marge Schmuckal - RE: FW: Allagash Brewing pre-application meeting

From:

Barbara Barhydt

To:

Meek, Richard

Date:

7/14/2011 2:51 PM

Subject: RE: FW: Allagash Brewing pre-application meeting

CC:

Giles, Eric; Hancock, Morris; Haniq, Nelle; Margolis-Pineo, David; M...

#### Hi Richard:

I surveyed our staff and Thursday, July 21st at 9 a.m. works for us. We can meet in the fourth floor conference room. Please confirm that this time and date work for you.

Thank you.

Barbara

Barbara Barhydt **Development Review Services Manager** Planning Division 389 Congress Street 4th Floor Portland, ME 04101 (207) 874-8699 Fax: (207) 756-8256 bab@portlandmaine.gov>>> "Richard Meek" <rmeek@sebagotechnics.com> Wednesday, July 13, 2011 8:56 AM >>> Barbara.

As we reviewed the application checklist, our primary questions related to emergency access, wastewater capacity and area thresholds, which would trigger additional submission requirements (particularly stormwater requirements). Therefore, if someone from the Fire Department and the Department of Public Services is able to attend that would be ideal. Also, we'd like to get the City's input regarding the most efficient phasing of the proposed expansions and any permitting ramifications that would be involved. Due to the rapid business growth that Allagash is experiencing, it is becoming critical that the first phase of the proposed expansion occur this year (2011). For this reason, we think it would be helpful to have input from the Economic Development Director.

During my last conversation with Rob (owner) he indicated that Monday afternoon (18th), all day Thursday (21st) and all day Friday (22<sup>nd</sup>) are open.

Thanks Rick

From: Barbara Barhydt [mailto:BAB@portlandmaine.gov]

Sent: Tuesday, July 12, 2011 6:16 PM

To: Richard Meek

Subject: Re: FW: Allagash Brewing pre-application meeting

Hi Richard:

Assessor's Office | 389 Congress Street | Portland, Maine 04101 | Room 115 | (207) 874-8486

City

Home

Departments

City Council

E-Services

I-M

This page contains a detailed description of the Parcel ID you selected. Press the New Search button at the bottom of the screen to submit a new query.

## **Current Owner Information:**

Services

**Applications** 

Land Use Type

326 B009001

**Property Location** 

**MANUFACTURING & CONSTRUCTION** 

**Owner Information** 

**50 INDUSTRIAL WAY 50 INDUSTRIAL WAY LLC** 

50 INDUSTRIAL WAY PORTLAND ME 04103

**Doing Business** 

**Book and Page** 

18385/348

Legal Description

326-B-9 **INDUSTRIAL WAY 48-64** 

73180 SF

Acres

1.68

Tax Roll

Tax Relief

Current Assessed Valuation:

0 & A

Maps

TAX ACCT NO.

34610

OWNER OF RECORD AS OF APRIL 2010

50 INDUSTRIAL WAY LLC

browse city services a-z LAND VALUE **BUILDING VALUE**  \$191,500.00 \$593,600.00

**50 INDUSTRIAL WAY** PORTLAND ME 04103

NET TAXABLE - REAL ESTATE \$785,100.00

**TAX AMOUNT** 

\$14,069.00

browse facts and links a-z

> Any information concerning tax payments should be directed to the Treasury office at 874-8490 or e-mailed.



## **Building Information:**

Card 2 of 2

Year Built

2006

Style/Structure Type

MANUFACTURING

# Units **Building Num/Name**  1 1 - ALLAGASH BREWING

Square Feet

Best viewed at 800x600, with Internet Explorer

### Exterior/Interior Information:

Card 2

Levels Size

01/01

Use

15600

Height

**MANUFACTURING** 

Walls

26 **METAL-LIGHT** 

Heating

UNIT HEAT

A/C

NONE

Card 2

Levels Size

01/01 1300

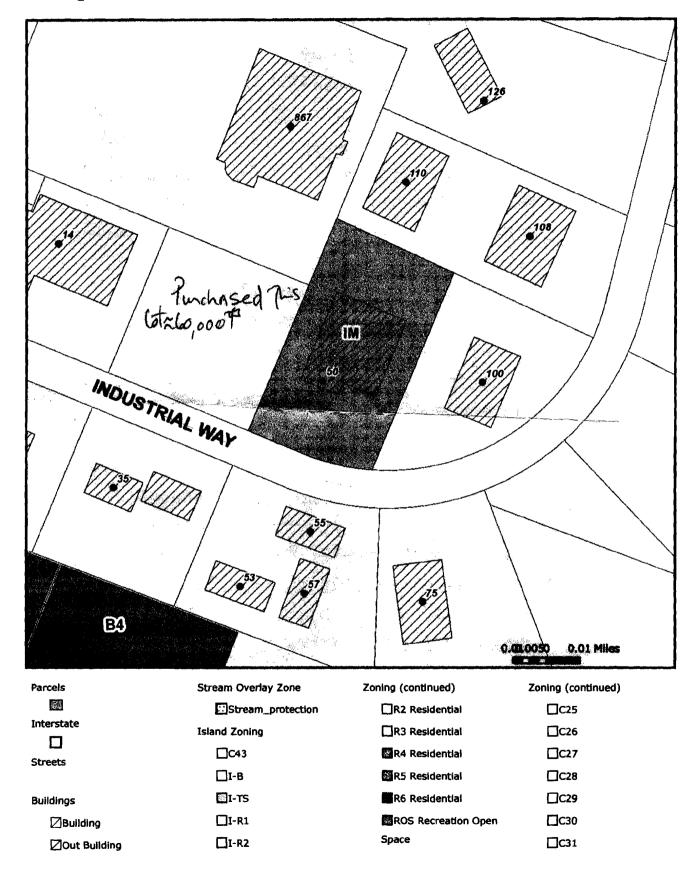
Use

**MULTI-USE OFFICE** 

Height

Walls Heating **METAL-LIGHT HEAT PUMP** 

# Map



comments in SyStan 8/23/11 uder "comments" 8/10/1

# City of Portland Development Review Application Planning Division Transmittal form

**Application Number:** 

2011-318

**Application Date:** 8/10/2011 12:00:00

CBL:

32

AM

**Project Name:** 

Allagash Brewing

326-B-849

Address:

50 Industrial Way

**Project Description:** 

**Building Addition** 

Zoning:

Other Reviews Required:

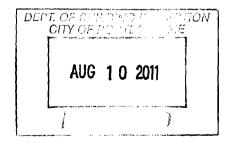
**Review Type:** 

Level II Preliminary

**Distribution List:** 

	_	Distribution List.				
		Planner	Erick Giles		Parking	John Peverada
7	7	ZoningAdministrator	Marge Schmuckal		Design Review	Alex Jaegerman
		Traffic	Tom Errico	Ш	Corporation Counsel	Danielle West-Chuhta
		Stormwater	Dan Goyette		Sanitary Sewer	John Emerson
		Fire Department	Keith Gautreau		Inspections	Tammy Munson
ſ		City Arborist	Jeff Tarling		Historic Preservation	Deb Andrews
ſ		Engineering	David Margolis-		Outside Agency	
1			Pineo			
					DRC Coordinator	Phil DiPierro

Comments needed by: August 17, 2011



## 50 Industrial Way - Allagash Brewing Co.

326-B- 8 & 9 - I-M Zone

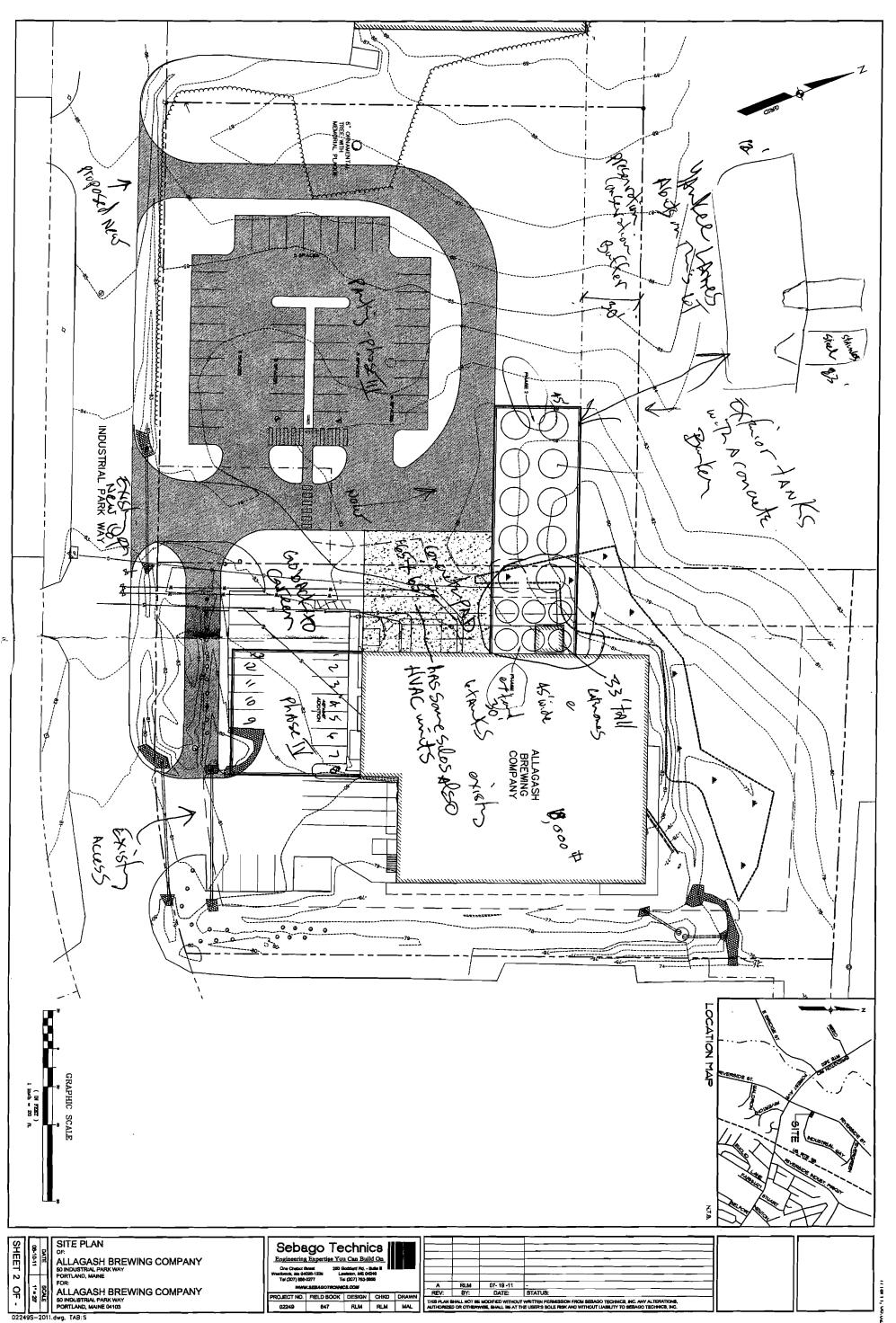
#2011-318

### 8/23/11

The proposal is for an approximate 1,600 square foot addition which will accommodate six-240 barrel fermenters and the expansion of the exterior concrete equipment pad. The entire property is within an I-M Industrial Zone. The new additions are meeting the required height, setbacks and impervious surface ratio.

I do have a couple questions. Where will the accessory structure that will be removed which is currently located in the area of the new tanks be relocated? Please show on the site plan. It is also understood that miscellaneous equipment will be placed on the new concrete pad. Please let me know what kind of equipment will be placed there. If the equipment is noise generating (i.e. generators, compactors or HVAC equipment and the like), I will also need to know the decibels emitted by such equipment. Currently the I-M zone restricts noise levels to be no more than 70 dBAs from 7:00 am to 10:00 pm and 55 dBAs from 10:00 pm to 7:00 am.

Marge Schmuckal, Zoning Administrator



#### ABBREVIATIONS

1. MG = MOCHER ROLL
2. MG = METER WILDING
3. BNA = REBNA
4. BO = BOTTOM OF FOOTING
6. BOSE = BOTTOM OF FOOTING
6. BOSE = BOTTOM OF STELL
7. CP = CAST-MC PART
10. CP = CAST-MC PART
10. CP = CAST-MC PART
11. CA = CAST
11. CAST
11.

#### BUILDING CODE INFORMATION MAINE UNIFORM BUILDING & ENERGY CODE/2009 IBC LOADING TABLE AND CODE INFORMATION

1. DEAD LOADS: A. SELF WT

2. COLLATERAL LONG (HON-REDUCIBLE):
A ROOF COLLATERAL LOND ------ 10 PSF 

E. MAN FORCE WO PRESSURE.

25 PSF

8. STENIC DESCRIPTION
A SERVIC USE GOUP
B. SPECHINE RESPONSE ACCESSATIONS MO COEFFICIENTS
I. Si — 0.27 S/VS — 0.371
I. Si — 0.10 S/VI — 0.100
D. RESS TRANSE ACCESSATION FOR THE PROPERTY OF THE PROPERTY O

7. TANK LOADS

A TANK WT (EMPTY)= 10 KIPS

B. FLUID WT

C. FLUID © OVERFILL CONDITION—

8. EXTERIOR EQUIPMENT SLAB IS DESIGNED FOR A MAXIMUM TANK WEIGHT OF 110 KIPS SUPPORTED ON A MANAGEM OF (4) LEGS WITH A MANAGEM BEARING AREA OF 144 SQ INCHES AT EACH LEG. 9. CONSTRUCTION TYPE ------ CONCRETE FRAME 10. USE: EXTENSION OF EXISTING F2 CATEDORIZATION. STRUCTURE IS INTENDED TO SUPPORT FERMINICATION TANKS.

11. FIRE SUPPRESSION: EXTENSION OF THE EXISTING FIRE SUPPRESSION SYSTEM INTO THE TANK SUPPORT STRUCTURE WILL BE PROVIDED. 12: SOUMER FOOTAGE: 1446 SF.

#### IBC 2009 SPECIAL INSPECTIONS

SOLS (DMSON 2)

1. PRIOR TO PLACEMENT OF PREPARED FILL, SPECIAL INSPECTOR SHALL DETERMINE THAT THE SITE HAS BEEN PREPARED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS.

Quering fill placement, the special inspector shall determine that the material being used and the madman lift theoxiess comply with the construction documents.

CONCRETE CONSTRUCTION (OMESINE 3)

1. PROMOTE THE FOLLOWING.

a MORPHUM OF PROVINCION CYTEL

1. CONTRIBUTES REPORTED OF REMEMBRING STEEL SIZE.

1. CONTRIBUTES REPORTED OF SURFACE CONDITION OF REMEMBRING (ACI 316,

SECTION 1-74).

2. CONTINUOUS INSPECTION OF BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE. 3. PERIODIC VERIFICATION OF REQUIRED DESIGN MIX, PROPORTIONS AND MIX TECHNIQUES.

4. CONTINUOUS SAMPLING OF FRESH CONCRETE FOR:
a. SLUMP
b. AR CONTENT
c. TEMPERATURE
d. STRENGTH

5. CONTINUOUS INSPECTION OF CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES. & PERIODIC INSPECTION OF CURING TEMPERATURE AND TECHNIQUES.

## COLD-FORMED STEEL NOTES

1. ALL STRUCTURAL(12, 14, 18, 18 MIO 20 GAZE) GALVANZED STUDS, JOSES, TRACK, BRODGIAG, DID CLUSIARS, AND ACCESSIONES SHALL BE FORMED FROM STREET THAT CORRESPONDES TO THE REQUIREDMENTS OF ASTM ASS.), WITH THE FOLLOWING SPEDIFICATIONS:

- 18 gage and lighter - 33ksi (MP) - 16 gage and heaver - 50ksi (MP)

### EXISTING DIMENSIONS & CONDITIONS

EXISTING UNINERCOLORS & CUMUNITUOUS

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#### ROOF ACCESS LADDER NOTES

1. GALVANCE: ROOF RECESS LOUDER, GAMPONIA, MO ALL COMPONENTS.
2 SIDE RINLS SYML BE CAM'S AND REMOS SYML BE 3/4" ON ROIND
STEEL DAR. ROOME IN MARKING LEAR RETIRED TOOR RINLS MO SPACE
RAMES AT 12" OLC. TOP RINCE SYML ALON WITH ROOF.
3. ANCHOR SIDE RINLS TO WINLS AND 1 LOUGHING EACH.
4. ETTEND SIDE RINLS TO TOP OF CHARGING.
5. LOODER SYML COMEY WITH RECEIVENT COSAL STANDARDS.
6. PRODUCE SINCE DRAWINGS FOR MYPROME, PROOR TO FARRICALION.
7. FIELD WERPY, ALL COMESCIONE.

#### CONCRETE NOTES

1. Complete for foundations, flotings and interior slabs on grade shall have 28-day compressive strength of 3500 pg. The maximum whiten to cement ratio shall be 0.52 by neight with a slimp of 42±1.

4\*21\*.

2. CIMOSETE THE BLEWTED THAN SUPPORT SUB, COLUMNS, MAD COMPRETE HILLS ALONG SIZES OF STREETING SUILL HARE SUB-DAY COMPRETED STREETING TO SUPPORT SUB-DAY COMPRETED STREETING TO SUPPORT HIT AS SUMP OF 4\*21\*.

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3. Concrete for landing and exterior equipment slabs on grade shall have 28-bay compressive strephent of 4000 ps and shall be are-diffusion to 62 pc.10 fb mass 1% with an ar-diffusion abbasine conformation to 65th c260. The worman water to coment botto 54th c760. The worman water to coment botto 54th c760. The worman water to coment botto 54th c760.

4. HO LINE SAND FINE AGGREGATE MAY BE USED IN CONCRETE EXPOSED TO WEATHER, VIEW, OR IN HORIZONTAL APPLICATIONS,

5. ALL REINFORCING STEEL SHILL CONFORM TO ASTM AB15 GRADE 60.

B. WELDED WHEE FABRIC SHALL COMPORAL TO ASTAL ALBS. LAP FABRIC 9" ON SIDES AND DHUS. MANIFLAM WHEE 1" TO 2" BELOW TOP SURFACE OF SUARS ON CHACK. PROMIDE CHAIRS, SOLSTIERS ON OTHER APPROVED MEMIS TO PROPERLY LOCALE ROMPONCING.

7. F ADDITIONAL FLOWING IT'S REQUIRED FOR PLACEMENT OF AMY CONCRETE MIX. A WAITH-REQUIREM ADDITING CONFORMING TO ASTIN CHAN, THE A.D. E. OR F SHALL BE 12501. NO ADDITIONAL WAITER MAY BE ADDITED TO THE MIX AT THE SITE. SLAMP FOR CONCRETE CONTAINNING MIXTER—REQUIREMENTED—REQUIREMENTE

B. SAMS SHALL HAVE LIGHT BROOM FINESH, LIND. ALL SAMS SHALL HAVE A CLIREN COMPUSED COMPLISE WITH ASTR CLOSS APPLIED TO SURFACE. MICH. COMPUSED AND THE COMPUSED AND THE COMPUSED SHAT ADDRESSES. STC. AT LANGESISE OF ELEWIED SLAB ALL FINS EXCEPTING 1/4" SHALL BE ORSPECT OFF.

CONTRACTOR SHALL CONDINATE ALL CONDINCE SEALERS, CURRIG COMPOUNDS, ETC TO ENSURE COMPATIBILITY WITH FLOORING ADMESIAES FOR FLOORIES INDICATED IN THE FLOOR FLANS AND FLOOR FINISH PLANS AS APPLICABLE.

10. WHILS SHALL BE FINISHED WITH A MINIMUM CLASS 2 FINISH AND SHALL BE "SACK RUBBED" (OR SIMILAR) TO REMOVE PRRECULARITIES. IL IESING OF RESH CONCRETE SHALL BE DONE BY A QUALIFIED TESTING
LABORATORY RETAYINED BY THE DIMER AND APPROVED BY THE ENGINEER.
IESTING SHALL INCLUDE:
A. SLAMP
B. AN STATE THE PERMILIPE
C. S. A. T. AND 26 DAY COMPRESSIVE STRENGTHS (INCLUDING SHAPLES
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TEST OF A 1 ONCS, A STRONG SMALL BE INSTERD WHICH CAM BE INSTED
AT HITERBEENITE DAYES IF REQUIRED.

12. WHERE FOOTINGS, WILLS, OR OTHER STRUCTURAL ELEMENTS INTERSECT, CORNER OR TEE, PROVIDE CORNER BASS WITH REQUIRED LAP LENGTHS TO PROVIDE CONTINUITY OF HORIZONTAL STEEL REMFORCING U.N.O.

13. PROMDE TEMPORARY SHORING AND BRACING OF ALL STRUCTURAL AND MISCELLANEOUS ELEMENTS UNTIL CONCRETE HAS OBTAINED 75% OF DESIGN STRENGTH AND ALL PERMANENT BRACING ELEMENTS ARE HISTALIED.

14. PROMOE CONSTRUCTION JOINS IN SUASS ON GRADE AS NEEDED TO MAINTAIN PROPER PLACEMENT AND PRESENCE. PROMOE CONTRUCT, JOHNS IN HAN SUPPORT STRUCTINES AND ON GRADE AN APPROXIMENT TO THE TON CONSTRUCTION SHALL COORDINATE ADMIT LOCATIONS WITH THE LATOUR AS SUPPORTED SHALL COORDINATE ADMIT LOCATIONS WITH THE LATOUR AS SUPPORTED.

15. WHERE DOWELS, BOLIS OR INSERTS AND CALLED TO BE ANCHORED TO OUST UP PAGE OR PROCEST CONDERST ELEMENTS USING EPOLY ADMESSAS, DES ANCHORES SYSTEM EDUM, TO THEIT HIT & SON INJECTION ADMESSAS, STELLIE DUM, TO THEIT HIT & SON INJECTION ADMESSAS FOLIORIA ALL MANIFACTUREDS RECOMMEDIATIONS. ALTERNATE ANCHORAGE SYSTEMS WAY BE USED WITH DIGINALIZED APPROVAL.

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17. DETAILING, WATERIALS AND INSTALLATION OF CONCRETE REMFORCING STEEL SHALL WEET RED. AS SET FORTH BY CRES AND THE AMERICAN CONCRETE INSTITUTE AND THE APPLICABLE BUILDING CODE.

18. SHOP DAWNINGS SWILL BE SUBJITTED INDICATING COMPLETE INFORMATION REQUIRED FOR CONSTRUCTION OF THE RESPONDED CONCRETE ELEMENTS. SHOP DRAWINGS SWILL INCLUDE LAYOUT AND DIMERSIONS OF RESPONDING BALLIDING WAY OPENINGS, COMPUTIONAL RESPONDED FOR DETAILS, COMMERCIAN ET PROCEEDINGS AND SEQUENCES ETC.

19. When placing condrete in hot weather, refer to act 305R. When placing concrete in cold weather, refer to act 308.1. See Project specifications for additional information.

#### GENERAL FOLINDATION NOTES

SCHERAL FOUNDMENTON MOLES

SIX. AMMODISD FORTINGS MID ANY CITIES DISTING UNSTABLE

SIX. AMMODISD FOOTINGS MID ANY CITIES DISTING UNSTABLE

MIXTERIAL SHALL BE REBOOKD. ANY FILL MATERIAL REQUIRED AT THE STIX

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STRICKING THE STATE ALL MATERIAL WALL BE FOOLD BE FOOTING OF SIXE

OF MIXTERIAL PROPERTY WAS ANY OF MOSTORE CONTROL TO THE SEASON

OF MIXTERIAL PROPERTY AND MOSTINGS CONTROL TESTS SHALL

BE PERFORMED TO RESIDE COMPLIANCE WITH THE CONTRACT DOCUMENTS.

After Strepping Site and Proof to Placement of any fill, motify architect/engineer for inspection of soil conditions. Inspection Sinal raclide proof folling site with Heavy Equipment provided by the compaction.

3. AFTER EXCAVATION FOR FOUNDATIONS AND PRIOR TO PLACEMENT OF STEEL REINFORCEMENT OR CONCRETE, NOTIFY ARCHITECT/ENGINEER FOR INSPECTION OF SOIL CONDITIONS.

A DITERRO FORMES SHALL BEAR AT MIR. DEPTHS AS NOTED IN FOOTING SECTIONS AND PLANS, 4-6" (DICEPT ALONG GRO C.5 WHERE ADDITIONAL DIFFERENCE HEALTHON SHALL BE ADODD IN ACCOSSINGER WITH THE DEFAUS BEIJUR DITTERED FRAME GROUP, OR NOT APPROVED BEARING STRATA, MICHIGENER DIFF. S GENERAL WIDE THAT FORME GRANGE CHARGE OF WHICH DEPTHS GROUPS AND THAT THE CHARGE CHARGE

5. WHEN UNSATISFACTORY OR UNCONTROLLED FILL IS ENCOUNTERED, REMOVAL AND REPLACEMENT WILL BE PAID ON THE BASIS OF UNIT PRICES SET FORTH IN THE CONTRACT.

5. THAN SUPPORT STRUCTURE SUAS ON GRADE SHALL BE 5" THICK MORALL MEDIT CONCRET. REPORTED WITH 66—HI ANTI-A WELLED WIRE FARRE (MET) ORE THOSE BROSED RES SPECIALISMS OF A AMBRILLA OF 12" STRUCTURAL INSE IN ACCIDIOMACE WITH THE GEOTISMOLA PROPER COMPANIES WITH THESE PASSES OF A VIRRIADAY FORM BEFORE FALCISMOT OF SUR MANTIAN WITH "-1" BELIE IN 5" SUFFICIE OF SURFACE OF SURS ON GRADE PROPER BESIDES CHARGE OR OTHER MANS APPROVED IN WITHING BY THE ENGINEER TO PROPERTY LOCATE PROPERTY IN MINISTER WITHING BY

7. DRANINGE FILL SHALL BE A FREE-DRAINING GRANULAR MATERIAL. USE \$57 STONE OR EQUAL APPROVED IN WRITING BY THE ENGINEER. REFER TO ASTIM D448 FOR GRADATION.

B. Dicantion for footbas shall be cut to accurate 925 and dampedias as shown on plans. All soil below slabs and footbas shall be properly compacted and subgrade brought to a reasonable trice and leafl plane returne plans

Testing of controlled structural fill shall be done by a qualified testing laboratory retained by the dimer. Testing shall verby suitability of fill and bearing capacity.

10. CONTINUOUS FOOTINGS AND INDIVIDUAL FOOTINGS ARE DESIGNED FOR A NET ALDIMINAL SOIL BEARING OF 1000 PSF PER FOOT OF WIDTH (3000 PSF MARININ) FOR CONTINUOUS AND INDIVIDUAL FOOTINGS.

I. AFTER FOTNICE DEVOLUTION WE REDAY MOST TO DISSIDIL REVISIONS. THE MERCHAND TO THE SEARCH WE RESPONDED INSTITUTE RESPONDED TO THE REPORT OF THE PROPERTY OF THE MERCHAND THE REPORT OF THE REPORT OF THE REPORT OF THE PROPERTY OF THE PROPE

12. CONTRACTOR SHALL COORDINATE WITH THE CALL / SITE DRAWNGS TO DAYLIGHT FOUNDATION DRAWS AROUND PERMETER OF BUILDING. 13. COMPACTOR IS RESPONSEE TO MANTAN DISMATENS AND BACKFLI.
MATERIAS AT AN APPROPRIATE MUSTURE CONTENT FOR PROPER SOL
BEARRIS CAPACITY AND COMPACTION OF BACKFLI, MATERIAS WITH REDARD
TO THE REQUIRELENTS OF THESE MOTES.

#### MEANS AND METHODS

DESIGN LOADINGS AND STRUCTURAL ANALYSIS IS BASED ON CODE
PRESCRIBED LOADS FOR THE COMPLETED STRUCTURE.

2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION

3. THIS STRUCTURE IS DESIGNED TO BE STABLE AS A COMPLETED WHOLE, ANY AND ALL TEMPORARY BRICES AND SHORING REQUIRED TO RESIST ALL LOWS DURING CONSTRUCTION SHALL BE DESIGNED AND SUPPLED BY THE COMPRISION.

4. HEAVY LOADS THAT EXCEED 75% OF ALLOWARLE LINE LOADS SHOWN ON THE PLAKE, FOR TREPORMY EQUIPMENT, CONSTRUCTION WATERIAS, OR OTHER LOADS ON SHOWN AN THE CONTRACT LOAD WATERIAS, OR FOR POWER FROM ELEVATED STRUCTURE WITHOUT PRICE WATER APPROVAL OF THE STRUCTURE, LOCKMESTS.

5. ALL SHORING DESIGN SHALL BE BY CONTRACTOR.

ALLAGASH E FERMENTATION SO INDUSTRAL WAY PORTLAND, MAINE JAM ENGINEERING, LLC 3041 S. KANSAS EXPRESSTA; SPRUNGFELD, MO 45907 PHONE. 417-708-9315 ME POREIGN QUALIFICATION CEANTER NO: 20120061PC

A Bunkley

IPANY ICTURE

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REWERING TANK SUPPOF

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PAUL MUELLER CO 1800 W PHELPS SPRINGFIELD, MO

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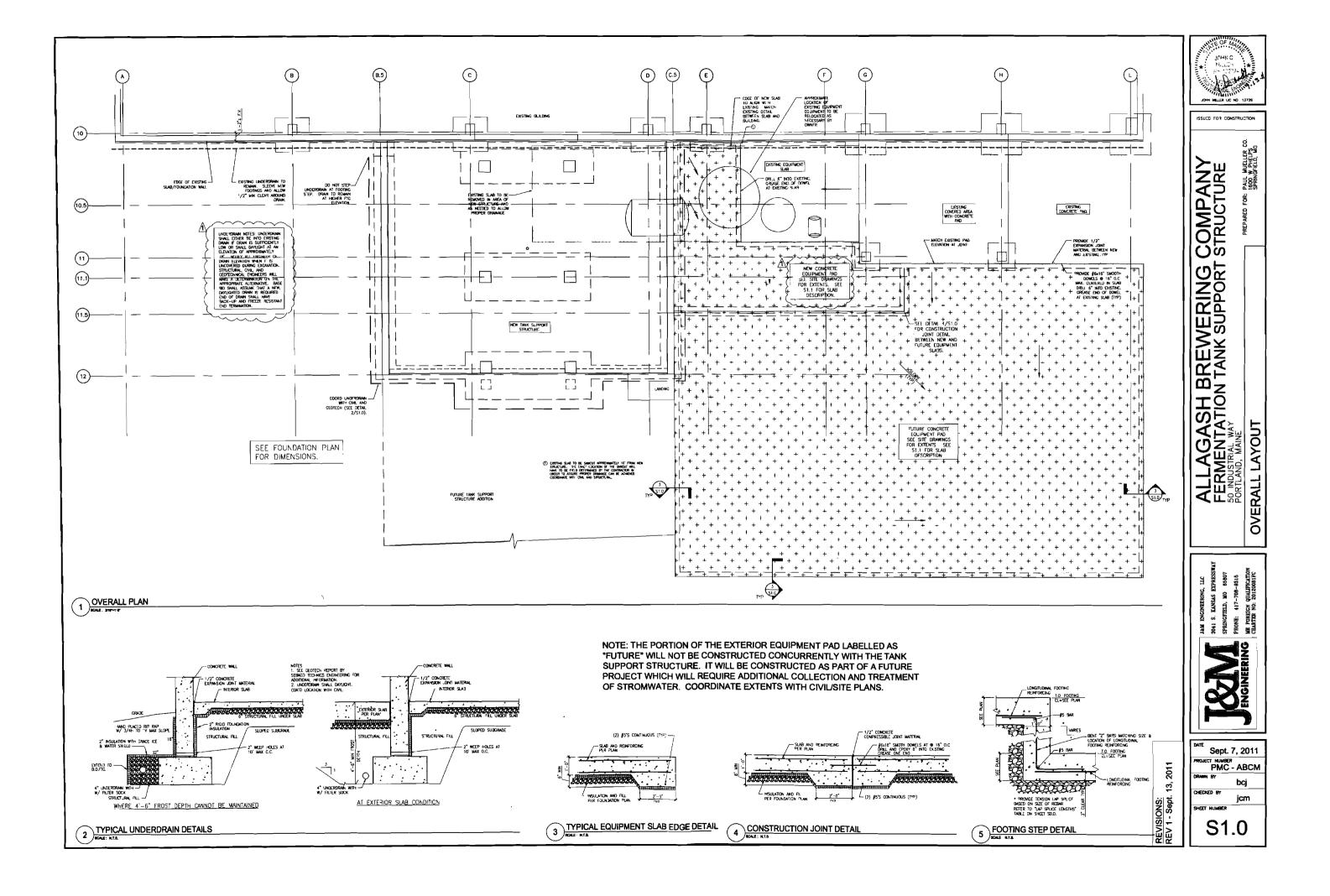
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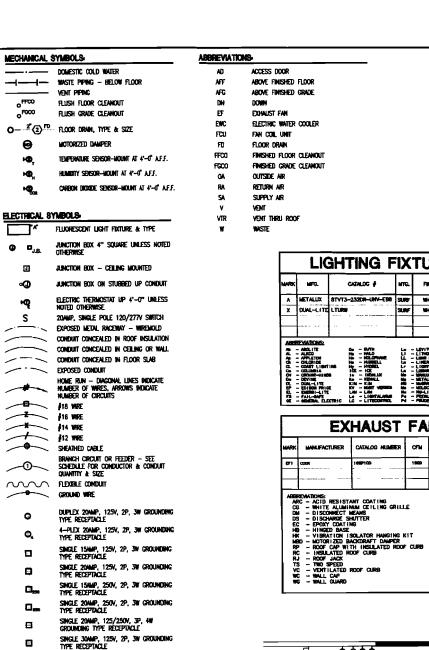
ST

	HOOKED DOWEL DEVELOPMENT LENGTHS IN TENSION (INCHES)						" UAP SPLICE LENGTHS (INCHES)						STRAIGHT DOWEL DEVELOPMENT LENGTHS (INCHES)											
BAR	EMBEDMENT EXTENSION		SION			Ī	ΤĐ	ISION (CLASS 8	SPUCE)			COMPRESSION		Ī			ENSION				COMPRESSION			
SIZE	3000 PSI CONCRETE	4000 PSI CONCRETE	5000 PSI CONCRETE	90" HOOK	180° H00K	OF BEND (INCHES)	BAR SIZE	OTHER	BARS			TOP BARS		3000 PS	BAR Size	OTHER	BARS		TOP	BARS				
43	8	- 6	-6	4.5	2.5	2.25		1000		5000 PSI		<del></del>	T	3000 PSI 4000 PSI					<del> </del> _					
14	8	7	7	6.0	2.5	3.00		3000 PSI CONCRETE	4090 PSI CONCRETE	CONCRETE	3000 PSI CONCRETE	4000 PSI CONCRETE	5000 PSI CONCRETE	5000 PSi CONCRETE		3000 PSI CONCRETE	4000 PSI CONCRETE	5000 PSI CONCRETE	3000 PSI CONCRETE	4000 PSI CONCRETE	5000 PSI CONCRETE	3000 PSI CONCRETE	4000 PSI CONCRETE	5000 PSI CONCRETE
15	10	- 8	8	7.5	2.5	3.75	<b>4</b> 3	16	16	15	16	16	18	14	43	12	12	12	12	12	12	9	8	8
<b>#</b> 6	12	10	10	9.0	3.0	4.50	14	18	18	18	22	72	22	18	4	12	12	12	17	17	17	11	10	9
17	13	12	10	10.5	3.5	5.25	15	23	23	23	27	27	27	23	45	15	15	15	21	21	21	14	12	12
18	15	13	12	12.0	4.0	6.00	16	27	27	27	36	34	34	27	- AS	20	18	18	28	26	26	17	15	14
19	17	15	13	13.5	4.5	9.02	47	35	37	32	49	43	10	10	P -	27	- 23	21	38	13	30	20	17	16
<b>#10</b>	19	17	15	15.2	5.1	10.16	AR .	46	30	36	64	55	50	<del>  "</del>	da .	15	30	27	49	#2 -		22	19	18
<b>#</b> 11	22	19	16	16.9	5.6	11.28	1	58	50	45	81	70	63	1 2	#0		<u> </u>		62	54	48	25	22	21
-	NOTES:						#10	73	84	58	103	90	81	45	<b>\$10</b>	- "	49	44	70	80	52	28	24	23
1	1. DEVEL	OPMENT LENGTH	IS BASED ON 2	1/2" MANAGE SIDE C	OVER AND 2" WINNE	M END COVER.	411	90	78	59	126	109	98	50	411			53	07	84	75	31	27	75
	1. DOVELOPHENT LENGTH S BISSED ON 2 1/2" MINIMAN SIDE CONTR AND 2" MINIMAN END CONFR. DISCEDISOR DISCUSTRIBUISTA DISCEDISORIA DISCEDISORIA DISCEDISIONI DISCEDISORIA DISCEDISIONI DISCEDISORIA DISCEDISORIA DISCEDISIONI DISCEDISIONI DISCEDISIONI DISCEDISIONI DISCRIBIONI							#11 34 / 70 - 70 - 120 - 100 - 96 - 50  MITS:  1. TOP BMS ME HORIZONIA, REINFORCEMENT PLACED SO THAT MORE THAN 12" OF FRESH CONCRETE  1. CASES IN THE MEMBERS BELOW THE REINFORCEMENT.  2. MF SPLICE LIBERIES ME BMSED OR BMS SPACED AT 8 BMS DMARTIES OR MORE ON CENTUR.  NOTEY DIGMERS F SPACED AT 8 BMS DMARTIES.						NOTES.  1. TOP BARS ME HOROZONTA, REINFORCEMENT FUACIDE SO THAT MORE THAN 12" OF FRESH CONCRET  1. COST IN THE MEMBER SECURIT THE REINFORCEMENT.  2. DEVELOPMENT LISERTS ARE BUSED ON BANS SPACED AT 8 BAN DAMETIES OR MORE ON CONTEX.  NOTIFY DIRECTOR FERSHOLD IS LESS THAN 4 BAN DAMETIES OR MORE ON CONTEX.					CONCRETE					

OCE Sept. 7, 2011 PMC - ABCM CHECKED BY jcm S<sub>0.0</sub>

3





SINGLE 30MP, 250V, 2P, 3W GROUNDING TYPE RECEPTACLE

INDICATES DIRECTION OF NORTH

PLAN NOTE REFERENCE

DETAIL REFERENCE - UPPER NUMBER

NOICATES DETAIL NUMBER, LOWER NUMBER NOICATES SHEET NUMBER.

INDICATES CONNECTION TO EXISTING SYSTEM

THESE LETTERS ADJACENT TO ANY SYMBOL INDICATES DEVICE BOTTOM TO BE MOUNTED 4" ABOVE COUNTERTOP BACKSPLASH

THESE LETTERS ADJACENT TO ANY SYMBOL

THESE LETTERS ADJACENT TO ANY SYMBOL MOICATES WEATHER-PROOF ENCLOSURE

THESE LETTERS ADJACENT TO ANY SYMBOL.

MONCATES WEATHER-PROOF IN-USE ENCLOSURE

INDICATES GROUND FAULT INTERRUPTER

DIMENSIONS ADJACENT TO ANY SYMBOL INDICATES MOUNTING HEIGHT TO

PLAN NOTATIONS

**(1)** 

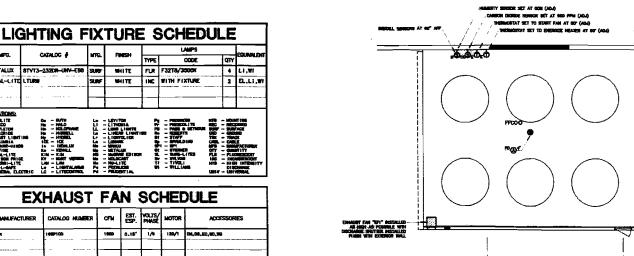
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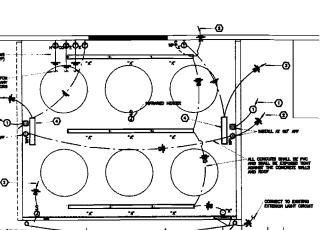
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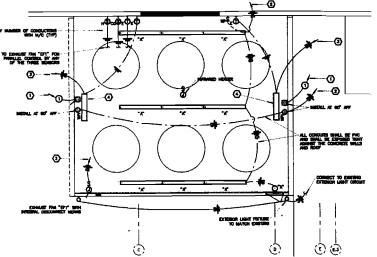
"CF"

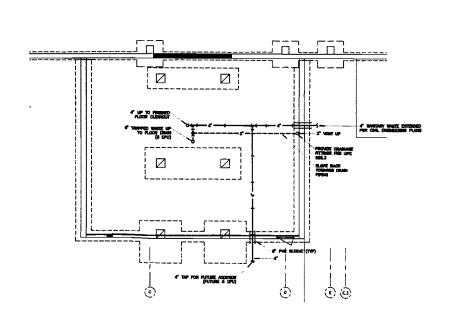
'W/

ELECTRICAL NOTATIONS









(e)

ME1 SCALE 1/8"-1-0"

**PLUMBING & HVAC PLAN** 

## UNDERGROUND PLUMBING PLAN ME1) SCALE 1/8"-7-0"

#### NOTES:

JE VOS TARGUSH ROOF

J WONE OFFER UP

(0)

(E) (E)

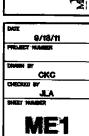
- 1) PAIL TO HER 30 AMP, THO-POLE SHEARER IN EXISTING 120/M VOLT PANEL AS DIRECTED BY THE GRADS.
- (2) PALL TO NEW 20 AMP, SINGLE-FOLE SHEAKER IN EXCHITING 125/2556 VOLT PARKEL AS DIRECTED BY THE COMER.
- 3) FALL TO 10 HEEF 20 AMP. 2-POLE INVENEER IN CRISTING 277/460 VOLT PANEL AS DIRECTED BY THE CHARR. (4) INFRAMED HEATER EQUAL TO AM INDREEDO, OF-AGE, ANN HEATER DEFERTING AT 480 VOLT. SINGLE-PHAGE WITH BOMETING PROCESS FOR CILLING SEPTEMBERS OF AND TREASMENTAL.

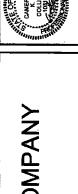
#### MENERAL NOTES.

- ALL PLIMBING WORK SHALL BE IN ACCORDANCE WITH THE MOST 2008 SOFTION OF THE MISTORN PLEASAND CODE AS ACCUTED BY THE CITY OF POWER AND ANALYSIS.
- ALL METAMOTICAL WINE TAMIL BE IN ACCOMMENDED WITH THE RESUMBLEMMES OF THE 2003 INTERESTICION. MATIGUE. METAMOTICAL COME AS ADMITTED BY THE CITY OF PORTLAND. MAINER.
- ALL ELECTRICAL WORK SHALL BE IN ACCOMMANDE WITH THE 2009 HATIGNAL ELECTRIC COME AS ADMPTED BY THE CITY OF FORTH AND MAJOR .
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION-PRIOR TO AMEN'THEN HIS BID. NO EXTRACT WILL BE PAID OUR TO UNINTICIPATE PAYSTING COMMITTION.
- CONTRACTOR SHALL SENERAL AND EXECUTE ALL MORE REMAIN TO THE CHARGE'S USE OF THE SUIT WING.
- PLANS AND DIAGRAMMATIC AND SHALL NOT BE SCALED. METER

- ALL MANTETY VALVES ON DEMETTIC SWITE SWAL SE APOLLO
  VALVES TO SENSET FALL PORT SALL WAYER ON POSTVALVES WITE SWATTS, SENSET SALL SWALT STATE
  VALVES WITE SWATTS, SENSET SALL SWATTS
  LIGHT VALVES BY SHEED-COOTT, CREEK, PATESSALE, SWALE,
  MARGINE STOCKHOM, EXSMENT, NETTHOUR, OF PURSALL
  VALVES SALL SWATTS
  VALVES OF PURSALL
  VALVES SALL SWATTS
  VALVES OF PURSALL
  VALVES OF SALL SWATTS
  VALVES OF
- STRINGLER HEADS BOALL OF SINGE, DEPOSED, LOWITON'S POLICIEST. PIECE PROTECTION STRINGLED AND STRINGLED BY AN ADMINISTRATION OF STRINGLED AND S
- RESTAUDILAR ESPARAT DACT: GRAMMETED SHEET METAL
- EXILIVATED INVESTIGATION OF CONTROL FAIR SHALL OF CASHES, LOSS CORE, PERS VERTILATOR, JUST HAVE HOLISTICHE,
- LIGHTIMS AND RECEPTACLE CIRCUITS: TYPE THANK, SUD. WILT, 73 DECRMEN C (164 DESIRES F) THERMOPLASTIC HUMLATED SHALLDING COMMUNICATION PUBLIC CHICAGO AND PERSONS: TYPE THOSE, SOF WOLT, 78 DECIME C (100 DESMECT F) THERMOPLASTIC HERMATED SHIP OF THE PERSONS ASSETTED THE PERSON OF THE PERSON O
- CHEMICAULO PUREL CIRCULTS AND PREMIUM: TYPE TARAFTHRON; GOD VOLT, 78 DECREEX C (167 DECREEX F) WAT INTING AND SO DECREEX C (164 DECREEX F) DAY MAYED THEMICATION FILLED INBULATION CAME.
- ALL WIRING SHALL BE IN PAC CONSULT.
- . ALL POWER CIRCUITS SHALL HAVE A GROUNDING CONDUCTOR ALL RECEPTACLES SHALL SE AT 60" AFF UNLESS MOTED "OTS
- DUPLE RECOVERED SHALL BE HARRY LINCOLD HOSE-OW 20A.
  1259. HEAR CORP (GRANTION 5 -605 60Y COPLEX RECEPTANCE MARKET PROFESSOR SOCIETY SHALL BE GFT THY MEMBERS IN APPROPRIATE MATHRESS BOX STRILL FY COMPLAIN.
- . SHITCHER SHALL BE RATED FOR 2DA, 120-277V, GREY IN CO.
- SINGLE POLE Marrie 1991-Cay ALL DEVICES AND CONSUPLATES SHALL BE DREY PLASTIC
- ELECTRICAL CONTRACTOR SHALL FEMILES AND INSTALL COMPUTE WHE, BURES, ETC. FOR THE INSTALLATION OF THERMOSTATE INSTALLATION AND CONSECTION OF THERMOSTATE SHALL BE S THE HAME CONTRACTOR.

BRANCH CIRCUIT & FEEDER SCHEDULE.



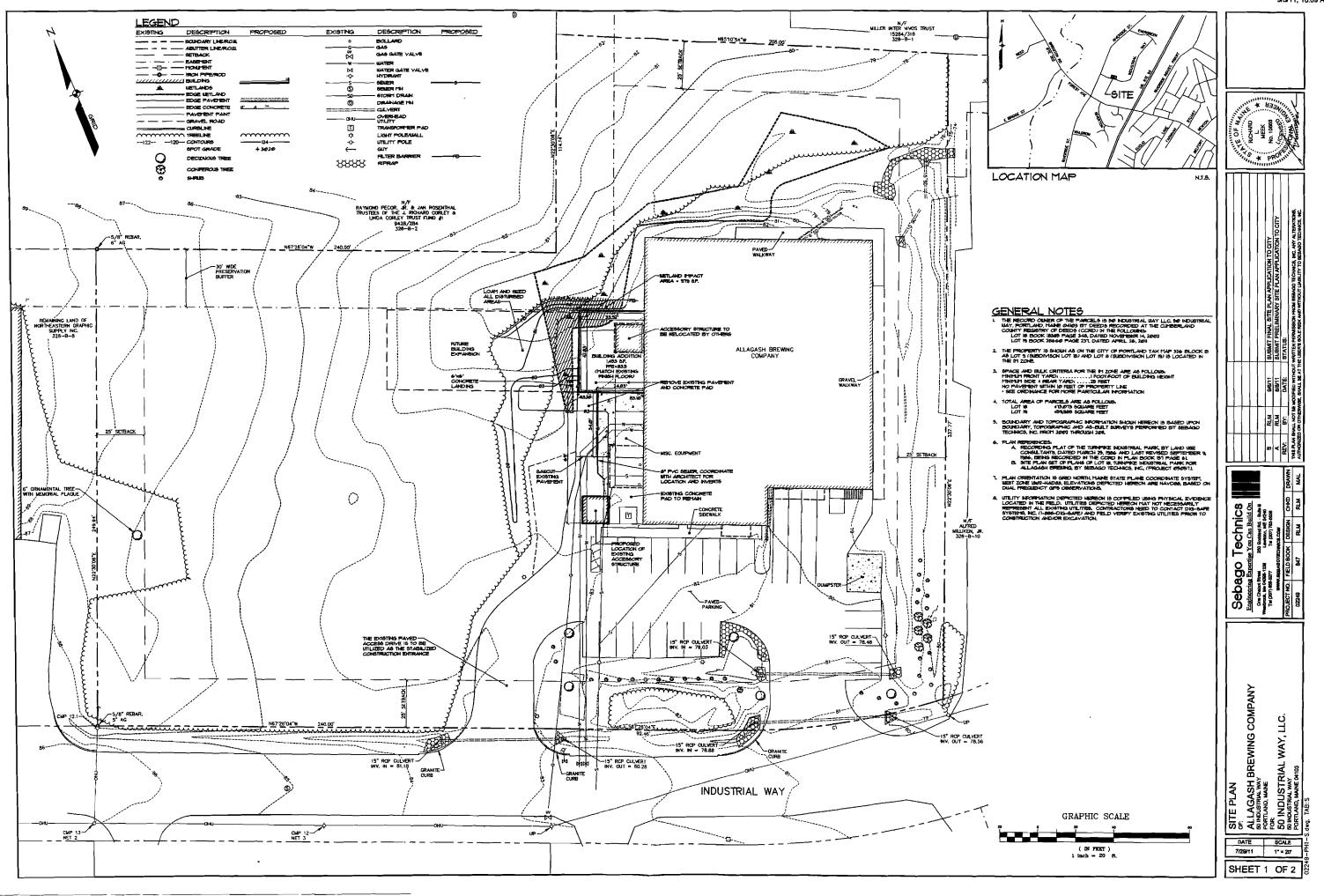


MO Ö RING EWEF  $\overline{\alpha}$  $\mathbf{\omega}$ GASH ALLA

Amfec.

**ELECTRICAL PLAN** 

ME1 SCALE 1/8"-7-0"



#### EROSION CONTROL MEASURES

PRIOR TO THE BEGGNENG OF MY CONSTRUCTION, SEDIMENT BLARRIERS (SLT PENCE) WILL BE STAKED/NISTALLED ACROSS THE SLOWES), ON THE CONTOUR AT OR JUST DBLOW THE LIMITS OF CLEARING OR GAMEDING, MODIOR JUST ABOVE MY ADJACENT PROPERTY LINE OR MUNICIPAL TO RESTRICT OR FEELENDE TO PROPERTY THE PLACED THE OF SEDIMENT BARRIERS SHALL BE COMPLETED IN ACCORDANCE WITH GUIDELINES ESTABLISHED IN BEST HANGED THIS TRACTICES AND IN ACCORDANCE WITH HIS BROSKING CONTROL FLAM HIS PLAN BEST. THIS NETWORK OF TO BE HANDARDE BY THE CONTRACTOR WITH JUST DEPORENT ENDED FLAM AT LIAST SINE SHANDED FOR THE CONTRACTOR WITH JUST DEPORENT ENDED SLOWES HAVE AT LEAST SIN-SINE YES/NEW SPENDING LACESTATIVE COVER TO PREVENT

PHOOR TO ANY CLEARING OR GRUEDING, A CONSTRUCTION ENTRANCE/EXIT SHALL BE CONSTRUCTED AT THE INTERSECTION OF THE PROPRIOSED INTERANCISS AND EXISTING ROADBLAT TO AVOID TRACKING OF MILD, DUST AND DEERES FROM THE SITE.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL FREDWING A DETAILED SOURCELLE AND PHANCED UP THAN INDICATION, MEMORAL AND CONFORMING OF THE WORK THE CONFERENCE OF THE SCHEDULE AND CONFERENCE OF THE SCHEDULE AND CONFERENCE OF THE SCHEDULE AND CONFERENCE OF THE CONFERENCE OF THE

#### CONSTRUCTION AND POST-CONSTRUCTION PHASE

AREAS INDERSONIS ACTUAL CONSTRUCTION SHALL ONLY EXPOSE THAT AYOUNT OF HINERAL SOIL NEICESSARY FOR PROGRESSING AND EFFICIENT CONSTRUCTION. AN AREA CONSIDERED OFFEN IS ANY AREA NOT STABLLEED BITH PAYETENT, YESETATION, HILLCHAY, BREDONIC HOLTING, HATS, REPRAYER OR GRAVE, BASK ON A ROAD, OPEN AREAS SHALL AN ARCHORDED HITH TEPFORARY EFFORMS ON CONTROL, AS SHOUN ON THE DESIGN FLANS AND AS DESCRIBED HITHIN THAS ERRORCH CONTROL, PLAN WITHIN M-DAYS OF DISTURBANICE, AREAS LOCATED WITHIN SERVE OF THE TREATMENT OF OPEN AREAS ANTER OCTOBER SIT OF THE

#### PROSION CONTROL APPLICATIONS 4 MEASURES

ALL DISTURBED AREAS SHALL BE MILCHED WITH MATERIALS SPECIFED BELOW PRIOR TO MAY STORY EVENT. ALL DISTURBED AREAS NOT FINAL GRADED WITHIN IN DAYS SHALL BE MILCHED. ALSO, AREAS, WACH HAVE SEEN TETPORARELY OR PERYAMENT SEEDED, SHALL BE MILCHED INTERDATELY FOIL DUNES SEEDENS. EROSION CONTROL BLANCETS ARE RECORDEDED TO SE USE AT THE BASE OF GRADED WATERWAYS AND ON BLOTES GREATER THAN BS. MILCH ANCIONES WETER BROOK OF GRADED WATERWAYS BY OF THE CONSTRUCTION YEAR (SEE SATIER BROOKN CONTROL NOTES).

THE OF THE STATES AND SECTION OF THE STATE OF TO LEGISLOSS ST. (IS TOND FIRE ACRES).

LINY OF THE STATES SHALL BE APPLIED AT A RATE OF TO LEGISLOSS ST. (IS TOND FIRE ACRES).

RECORD CONTROL THIS, GHALL BE PLACED EVENT AND THIS PROVIDE ROOM SOIL COVERAGE, BROSHON CONTROL THIS SHALL SE

RETHIND SLOT THAT THE THICKNESS OF BLOTES SI ACRES FILES (IS ACRES FILES AND THE THIS STATE OF SLOTE UP TO ROO FIRET.

THE THICKNESS ON BLOTES BETTLESH SI AND AS MALL BE A NOTES FILES (IS ACRES FILES AND THE TOP SLOTE UP TO ROO FIRET. THIS

SHALL NOT BE LISBED ON SLOTES SQUARED THAN SIL.

RECORD CONTROL IN ANGET, SHALL SE INSTALLED SUCH THAT CONTROLOS CONTACT BETTLESH THE FIAT AND THE SOIL IS

COTANDO. TO STALL ELANGETS AND STATE IN ACCORDANCE WITH THE HAMPACTURERS RECOMPRODATIONS.

STOCKPILES OF SOIL OR RESOUL SHALL BE PILCHED WITH HAY OR STRAW AT A RATE OF TO LEGALGOUS SP. (15 TONG FER ACRE) OR WITH A POUR-NOT LAYER OF WOOD WASTE BROOKIN CONTROL. HIM, THIS WILL BE DONE WITHIN 24 HOURS OF STOCKING AND REPORTABLISHED FRORT OF ANY RANFALL, MAY SOIL STOCKPILE WILL NOT BE PLACED (BYING COVERED WITH HAY OR STRAW) WITHIN 100 PERFORCE ANY NATURAL RESOURCES.

ANY AREAS WITHIN 1000 FEET FINCH ANY NATURAL RESOURCES, FINCT STABILIZED WITH A MINIMEN OF THE HATURE VEGETATION CATCH, SHALL BE HILLCHED USING ITEMPORARY HALCHING (AS DESCRIBED IN PART LOF THIS SECTION) WITHIN 1 DAYS OF EMPOSURE OR FINCH TO ANY STORM INSURI. SECTION WITHIN 1 DAYS OF EMPOSURE ANY NATURAL RESOURCE AND THE DISTURBED AREA.

ANY NATURAL RESOURCE AND THE DISTURBED AREA.

PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, SEDITING BARRIERS SHALL BE STAYED ACROSS THE SLOPE'S), ON THE CONTINUE AT OR JUST BELIGHT BE GLOPE'S), ON THE CONTINUE AT OR JUST BELIGHT BE GLOPE'S), ON THE CONTINUE AT OR JUST BELIGHT BE ANALYSE AND ARRIVED BARRIERS SHALL BE HAMFARDED BY THE CONTINUE TO PROTECT AGAINST CONTINUE ALTON EXPORTED SHAPE BY THE CONTINUE TOR INTILL JULY DIFFORMUL VEGETATIVE COVER TO PREVENT

HAY BALES: SHALL BE METALLED PER THE DETAIL ON THE PLANS, BALES SHALL BE WIRE-BOIND OR STRENG-TED AND THESE
DEDINGS THEN TREYAN FARALLEL WITH THE GROUND SUPPACE DURING INSTALLATION TO PREVENT DETERIORATION OF THE
BENDINGS. BALES SHALL BE NOTALLED WITHIN A HINFWIT 4 NICH DEEP TRENCH LINE WITH BIOS OF ADJACENT BALES TIGHTLY
ABUITINGS OR ANOTHER.

BECONOL CONTROL. ITM, SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. THE MIX SHALL CONSIST PRETARRLY OF ORGANIC HATERIAL, AND CONTAIN A BELL-GRADIED INSTITUTE OF PARTICLE RUZES AND HAY CONTAIN ROCKS LESS THAN 4 NICHES IN DIAPETER. THE HIX COMPOSITION SHALL PEET THE STANDARDS DESCRIBED BITHIN THE HIDEP BEST MANAGETENT PRACTICES. NO TERPOCHES IS REQUIRED FOR INSTALLATION OF THIS DARRISED.

CONTINUOUS CONTAINED BENETA, SHALL BE INSTALLED FIRR THE DETAIL ON THE PLANS. THIS SEDIFIENT SARRIER IS ERCOICN CONTROL MIX PLACED WITHIN A SYNTHETIC TUBLIAR NETTING AND PERFORMS AS A STURDLY SEDIFIENT SARRIER THAT SCROWS SELL ON HARD CROUND SUCH AS PROTEIN CONDITIONS, TRAVELED AREAS OR PAYERISHT, NO TRENCHING IS RECURRED FOR INSTALLATION OF THIS DARRIER.

SHALL BE NOTALLED FER THE DETAIL ON THE FLANS. CHECK DAYS ARE TO BE FLACED WITHIN DITCHEM SWALES AS SPECIFIED ON THE DESIGN FLANS INTEDIATELY AFFER FINAL GRADING. CHECK DAYS SHALL BE 7 FEET MIGH. TEPPERARY CHECK DAYS IN BE REPROVED ONLY AFFER THE ROADWAYS ARE PAYED AND THE VISITATION SMALE ARE STREAMED WITH AT LEAST BOSY-ADM. OF VICINOUS PERSONAL GROUTH. THE AFFEA SIDEATH THE CHECK DAY HUST SEE SEEDED AND HILLORD INTEDIATELY AFFER REPROVAL OF THE CHECK DAY.

HAY BALE CHECK DAYS, WE DO NOT RECORTING THE USE OF HAY BALES AS CHECK DAYS.

MANIFACTURED CHECK DAYS, MANIFACTURED CHECK DAYS, 45 SYSCIFED IN THE DETAIL ON THE PLAYS, MAY BE LISED F AUTHORIZED BY THE PROPER LOCAL, STATE OR REDERAL, REGULATING AGENCIES, THESE UNITS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANIFACTURE'S RECONTENDATIONS.

NEET PROTECTION SHALL BE IN ACED AROUND A STORPEDRAN DROP NEETON CIPE NEET PROOF TO PERFLAMENT STABILIZATION OF THE PHEDIATE AND UPSTREAM DISTURBED MEETA. THEY SHALL BE CONSTRUCTED IN A HANNER THAT BILL FACE THATE CLEAN-COT AND DISHORDAL OF TRAFFEED DESPIRED AND INSPIRED IN THE PROTECTION ACTIVITIES. ANY RESILETANT PONDING OF BUSINES FROM THE PROTECTION PETHAD PUST NOT CAUSE EXCESSIVE INCOMPRISED OR DATAGE TO ADJACENT AREAS OR STRUCTURES.

HAY BALE DROP INLET PROTECTION, HE DO NOT RECONTINUE THE LISE OF HAY BALES AS INLET PROTECTION

CONCRETE BLOCK AND STONE NIET SEDITION FILTER (DROP OR CIPE NIET). SHALL BE INSTALLED FER THE DETAIL ON THE FILMS. THE LEIGHT OF THE CONCRETE BLOCK BARRIER CAN VARY BUT PUST BE BETHERN \$2 AND 24 NCHES TALL. A PINNTAN OF I NOT CRAINED STONE SHALL BE USED.

MANACTURED GEDITIENT BARRIERS AND FLITER (DROP OR CURB INLET), MANACTURED FLITERS, AS SPECIFIED IN THE DETAIL, ON THE FLAME MAY BE USED IT RETAILED IN ACCORDANCE WITH THE MANACTURER'S RECORDANCE.

PRIOR TO CLEARING AND/OR GRUDDING THE SITE A STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL SE CONSTRUCTED WERENIES TRAPPIC IIIL. EXIT THE CONSTRUCTION SITE ONTO A PAYED ROADULAT IN ORDER TO INNEXE THE TRACKING OF SEED FIRST AND DEERES FROM THE CONSTRUCTION SITE ONTO PIEULO ROADULATS. THE ENTRACES AND ADJACONT ROADULAT AREAS SHALL SE PERSONICALLY SUBJECT OR MANAGED TO RATHER THINGET HE TRACKING OF THE OR OR DESIRES FROM THE OCHSTRUCTION AREAS SHELL SE CONSTRUCTION AREAS SHELL SE CONSTRUCTION AREAS SHELL SE CONSTRUCTION AREAS SHELL SE CONSTRUCTION OF THE PLANS AND AS

DUST CONTROL DURING CONSTRUCTION SHALL BE ACHIEVED BY THE USE OF A WATERING TRUCK TO PERSODICALLY SPRINKLE THE SCHOOLED ROADHLAY AREAS AS NECESSARY TO REDUCE DUST DURING THE PARY HOUTH-S. AFFLYING OTHER DUST CONTROL PRODUCTS SEND AS CALLOWIN CALORIDE OR OTHER HAVEACTURED PRODUCTS AREA ALLOWED F. AUTHORIZED BY THE PROPER LOCAL STATE AND ARE PEDERAL REGULATING AGENCIES. HOWEVER, IT IS THE CONTRACTOR'S ULTIMATE RESPONSIBILITY TO HITMATE DUST AND SOIL LOSS PROOF THE STIE.

TETPORARY VISITATION WALL BE AFFIEED TO DISTURBED AREAS THAT IELL NOT RECEIVE FINAL GRACINIS FOR PERSONS IF TO DISTORMENT THIS PROCESS. SEEDED AND INCOME. THE PROCESS AREAS AND ACCENT TO NATURAL RECEIVE AND ACCENT OF THE PERSONS AND ACCENT.

REVENETATION HEASURES SHALL COMPENCE PHEDIATELY UPON COMPLETION OF FINAL GRADING OF AREAS TO BE LOAMED AND SEEDED. THE APPLICATION OF SEED SHALL BE CONDUCTED DETURED APPRIL BY AND OCTOBER BY OF THE CONSTRUCTION YEAR, PLEASE REFER TO THE UNITER EROSION CONTROL NOTES FOR MORE DETAIL REVENETATION HEASURES SHALL CONSIST OF THE FOLLOWING.

#### SEEDBED PREPARATION

- FOLD (4) NOTES OF LOAM SHALL BE SPREAD OVER DISTURBED AREAS AND SHOOTHED TO A UNFORM SURFACE. LOAM SHALL BE RIEED OF BEST, CLAY LIFE'S, STOKES AND OTHER OBJECTS OVER 2 NOTES OR LARGER IN ANY DISTRIBUTION, AND WITHOUT MEETS, ROOTS OR OTHER OBJECTS OVER 2 NOTES OR LARGER IN ANY DISTRIBUTION, AND WITHOUT MEETS, ROOTS OR OTHER OBJECTS AND LATERAL.
- SOILS TESTS SHALL BE TAKEN AT THE THE OF SOIL STROTTING TO DETERMINE PROTELIZATION RECUIPMENTS, SOILS TESTS SHALL BE TAKEN PROTECTLY AS TO NOT INTERFERS WITH THE IX-DAY LIMIT ON SOIL EXPOSURE. BASED WHON THIS RESULTS, SOIL PROTECTION OF SOIL PROTECTION OF SOIL ENCORPORATION INTO THE SOIL PROCESTO TO FINAL SEEDING. IN LIEU OF SOIL TESTS, SOIL AND DETERMINENTS HAY BE APPLIED AS RELICIOUS.

APPLICATION RATE 10-20-20 PERTILIZER (N-P205-K20 OR EQUAL) 18.4 LIBS/LIPPO 6F. GROUND LIMESTONE (50% DE LBG./2000 SF. CALCIUM 1 MAGNESIUM OXIDE)

WORK LIME AND FERTILIZER NTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 NO-LES LITH PROPER EQUIPMENT. ROLL THE AREA TO FIRST THE SEEDERED EXCEPT ON CLAY OR SILTY SOILS OR COARSE SAND. APPLICATION OF SEEDS

SEED TYPE
CREEPING RED FESCUE
REDTOP
TALL REDUCE
LIST LESGUES SP. (2) LIST/ACRED
OST LIST/ACRED
SET LIST/ACRED
OST LIST/ACRED
OST LIST/ACRED
OST LIST/ACRED
OST LIST/ACRED

NOTE. A SPECIFIC SEED HIXTURE SHOULD BE CHOSEN TO MATCH THE SOILS CONDITION OF THE STE. VANIGUS AGENCIES CAN RECOTTEND SEED HIXTURES HORF RECOTTENDED SEED HIXTURES ARE IN THE EROSION AND SECTENT CONTROL BYTHANIAL DATES AREAS OF LATER

- HYDROSEEDING SHALL BE CONDUCTED ON PREPARED AREAS WITH BLOTES LESS THAN 2:1. LITE AND TEXTLUTER MAY BE APPLIED SMALLAWGUILY WITH THE SEED, RECOTTENDED SEEDING RATES MUST BE INCREASED BY ISA (U.S.).
- C. MILCHING SHALL COMMENCE INTEDIATELY AFTER SEED IS APPLIED. REFER TO THE TEMPORARY MILCHING SECTION OF THIS NARRATIVE FOR DETAILS.

#### TRENCH DELLATERING AND TEMPORARY STREAM DIVERSION.

MATTER FROM CONSTRUCTION TRENCH DEMATERANG OR TEST PORMARY STREAM DIMERSION WILL PASS FROM TARROLISM A FLITER BAG OR RECORDARY CONTAINEMEN STRUCTURE (E.G. MAY BAUE LINED PROOF, PROOF, TO DISCHARGE, THE DISCHARGE STE SHALL BE SELECTED TO AVOID FLOODING AND SERVENT DISCHARGES TO A PROTECTED RESOURCE. IN NO CASE SMALL, THE FILTER BAG OR CONTAINMENT STRUCTURE BE LOCATED WITHIN 100 FEET OF A PROTECTED MATERIAL RESOURCE.

#### STANDARDS FOR TIMELY STABILIZATION:

STANDARD FOR THE THELT STABILIZATION OF DISTURBED ILLOTES ... THE CONTRACTOR BILL, CONSTRUCT AND STABILIZE STORE-COMPRED BLOTES OF NOVERBURS B. THE CONTRACTOR BLL SEED AND HILLOH ALL SLOTES TO BE VEGETATED BY SEPTEMBER B. THE INDEP BLL CONSIDERA NAT AREA HAVING A CRADE GREATER HAVE BY KIRAN TO BE A SLOTE. FINE CONTRACTOR RALE TO STABILIZE ANY BLOTE TO BE VEGETATED BY SEPTEMBER B, THEN THE CONTRACTOR BILL TAKE ONE OF THE FOLLOWING ACKNOWN TO STABILIZE ANY BLOTE FOR LIFE FALL AND BENTEN.

- STABLES THE BOOK WITH TESTIFICATION AND TROUGH CONTROL PAID. BY CONTROL THE CONTROL TOWN

  ILL SEED THE DISTURBED SLOPE SITE IN INDICES FOR TAX SEED HE AND PO 3 POUNDS FOR 1000 SEED SLOPE TEST AND

  APPLY ENDISHON CONTROL MAIN OVER THE HELCHED SLOPE. THE CONTROL TOWN IN INDICES SECURING OF THE FIRE

  OVER THE NEXT OF DAYS. FITHE STREET FALLS TO GROWN AT LEAST THREE MACES OR COVER THE ADD THE PAID. THE CONTROL THE STREET SHOWN IN THE STREET SHO
- STANDARD.

  STANDARD.

- A STABILITE THE SOIL WITH TETPORARY VEGETATION -- BY OCTOBER I THE CONTRACTOR WILL SEED THE DISTURBED BOIL WITH MARIES RATE AT A GEODA'S PARKE OF 3 POUNDS PER BOOD SOLIMER REST, LIGHTLY FULL THE SEEDED BOIL WITH MAY PROBLEM AT A GEODA'S PARKE OF 3 POUNDS PER BOOD SOLIMER REST, LIGHTLY FULL THE SEEDED BOIL WITH MY PARKET REST, LIGHTLY FULL THE SEEDED BOIL WITH MY PARKET REST, LIGHTLY FULL THE SEEDED BOIL WITH MY PARKET REST, LIGHTLY FULL THE THE APPLICANT PARKET RATE TO GROUNT UP THE REST APPLICANT WILL PROBLEM THE APPLICANT WILL PARKET REST, COVER-WITHER PROTECTION AS DESCRIBED IN MICH SCO. OF THIS STANDARD.

  STABILIZE THE SOLIMITH SOLIT -- THE APPLICANT WILL STABLE THE DISTURBED BOIL WITH PROPERLY NOTALLED BOOD BY OCTOBER I PROPERLY NOTALLED BOOD AND UNDERLY NO SOLIT AND SOLIT WITH WITH PROPERLY DISTABLE CONTACT EXCHANGE A PAPLICANT WILL PILL THE CONTACT BOOD AND UNDERLY NO SOLIT AND SOLIT WITH WITH PROPERLY DISTABLE DO TO DECLIFE THE DISTURBED BOIL WITH WITH PROPERLY DISTABLE DO TO STABLE THE DISTURBED BOIL OF AN UNDERLY NOS SOLIT AND SOL

#### CONSTRUCTION SCHEDULE

SITE PHYROMERITY WILL MOST LIKELY BEGIN IN SUPPER 2011 DEPOSIONG UPON PHALL PROJECT APPROVAL. THE POLLCURG SCHEDULE IS ANTICIPATED FOR THE CONSTRUCTION OF THE ROADWAY PHYROMETERITY.

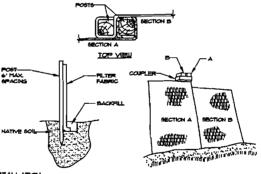
-	enter en	
L	ESTMATED CONSTRUCTION TIME.	3 MONTHS
2.	EROSION CONTROL HEASURES PLACED.	WEEK I
9.	SITE CLEARING AND GRUBBING.	WEEK! - NEEK 2
4	CONSTRUCTION OF BUILDING AND CONCRETE PAD.	WEEK 3 - WEEK 12
Э.	UTILITY IMPROVEDENTS	WEEDK 3
6.	MULCH OFFICEAD FOR WINTER EROSION CONTROL.	OCT, B OF CONSTRUCTION YEAR
٦.	START FINAL SEEDING ON PREPARED AREAS (DURING GROWING SEASON)	地域 8
ā	PROBLEM MONITORING OF	WEEK 10
_		

DATES ARE SUBJECT TO CHANGE AT THE DISCRETION OF THE ENGINEER DEPONDING ON CONSTRUCTION P

- MANTENANCE MEASURES SHALL BE AFFLED AS NEEDED DURING THE BITTING CONSTRUCTION CYCLE. AFFIRE EACH RANFALL SHOULD STORM OR PERSOD OF THAINING AND RELOTE, OR AT LEAST ENDRY SEVEN OF DATS, THE CONTRACTOR SHALL PERSONAL SHOULD BE SHOULD CONTROL PERSONERS. THE CONTRACTOR SHALL PERSONAL SHALL BE SHOULD CONTROL PERSONERS. THE CONTRACTOR SHALL PERSONAL SHALL SHOULD TO ALLOU CONTRIBLD PROPERS MINITIONING OF THE BEOSEN CONTROL HEADING. THE CONTRACTOR SHALL PROPERTY IN RECESSION OF THE PROPERTY OF THE PERSONAL PRO
- FOLLOWING THE TOPPORARY AND/OR PIALL SEEDINGS, THE CONTRACTOR SHALL INSPECT THE WORK AREA SEPHORTHLY UNTIL THE SEEDINGS HAVE DEEN ESTABLISHED. ESTABLISHED FEANS A THINNIN OF 553-35% OF AREAS YEARTATED WITH VISCIRCUS GROUN-RESEEDING SHALL BE CARRED OUT SY THE CONTRACTOR WITH ROLLOW-UP INSPECTIONS IN THE EVENT OF ANY FALLINES WITH.

#### CONSTRUCTION NOTES

- ALL BOOK SHALL CONFORM TO THE APPRICABLE CODES AND CHOINANCES
- CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIT OR HEIGHEF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND SHALL MAKE PROVISIONS AS TO THE COST THEREOF, CONTRACTOR SHALL BE RESPONSIVE KOR FAMILIARIZING HIT OR HEIGHEF WITH ALL CONTRACT DOCUMENTS, PELD CONDITIONS AND DIFFERSIONS AND CONFIDENCE THAT THE WORK HAT BE ACCOMPLISHED AS SHOWN PROOR TO PROCEEDING WITH CONSTRUCTION, ANY DISCREPANCES SHALL BE SPONGET TO THE ATTENTION OF THE BYSINES PROOR TO THE CONFIDENCE SHALL BE SPONGET TO THE ATTENTION OF THE BYSINES
- NOTALL ALL ECUPYTENT AND MATERIALS IN ACCORDIANCE WITH MANUFACTURER'S RECOPPENDATIONS AND OWNER'S REQUIREMENTS UNLESS SPECIFICALLY OTHERWISE NOIGHTED OR WHERE LOCAL CODES OR REGULATIONS TAKE FRECEDENCE.
- 9. CONTRACTOR SHALL VERBY ALL DISPASIONS AND CONDITIONS IN THE RIBLD PRIOR TO PASSICATION AND ERECTION OF ANY MATERIAL ANY UNIBIAL CONDITIONS SHALL BE REPORTED TO THE ATTENTION OF THE DISPASER.
- 8. CONTRACTOR SHALL CLEAN AND REMOVE DEBRES AND SECRETE DEPOSITED ON PUBLIC STREETS, SUBSIALKS, ADJACENT AREAS, OR OTHER FUBLIC WAYS DUE TO
- CONTRACTOR SHALL INCORPORATE PROVISIONS AS NECESSARY IN CONSTRUCTION TO PROTECT EXISTING STRUCTURES, PHYSICAL PEATURES, AND MAINTAIN SITE STABILITY DURN'S CONSTRUCTION, CONTRACTOR SHALL RESTORE ALL AREAS TO ORIGINAL CONDITION AND AS DIRECTED BY DESIGN DRAILINGS.
- AL EROSION AND SEDIMENT CONTROL HEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THANK EROSION AND SEDIMENTATION CONTROL HANDBOOK FOR CONSTRUCTION BEST HANAGEMENT PRACTICES MULLISHED BY THE CHMERICAND COUNTY BOLL AND WATER CONTROLLED NO DISTRICT AND HANKE DEPARTMENT OF BIMPROMENTAL PROTECTION HANCH HIS OR LATEST EDITION IT SHALL BE THE PERSONABILITY OF THE CONTRACTOR OF POSSESS A COPY OF THE BESION CONTROL FLAN ALL THES.
- P. THE CONTRACTOR IS HEREBY CAUTIONED THAT ALL SITE PLATINESS SHOWN HEREBON AND BASED ON PRILL DOSSERVATIONS BY THE SURVETOR AND BY INFORMATION PROVIDED BY UTILITY COPPANIES, THE INFORMATION IS NOT TO BE RELIED ON AS BEING EVACT OR COMPLETE. THE CONTRACTOR SHALL CONTACT DIS SAFE (1-888-DISGAPE) AT LEAST THE REPORT THAT THERE (3) BUT NOT HORSE THAN THRITY (36) DAYS PRIOR TO COPPEND OF EXCAVATION OR DEPOLITION TO VERSEY HORSEONTAL AND VERTICAL LOCATION OF ALL UTILITIES.
- CONTRACTOR SHALL BE AUARE THAT DIG SAFE ONLY NOTFRED ITS THEMERY UTILITIES ABOUT THE DIG. WHEN NOTFRED, DIG SAFE UILL ADVISE CONTRACTOR OF HEMER UTILITIES IN THE AREA CONTRACTOR IS RESPONSIBLE FOR DIFFERS AND CONTACTING NON-HEMER UTILITIES DIRECTLY, NON-HEMBER UTILITIES HAT INCLIDE YOUR OR CITY UNITER AND SHEER DISTRICTS AND SHALL LOCAL UTILITIES, AS UELL AS USO PIELLY BLONG SYSTEMS.
- 2. CONTRACTORS SHALL BE RESPONSIBLE FOR COPPLIANCE WITH THE RECOURS BESTS OF 15 HIRDA 134/07-A, IT SHALL BE THE RESPONSIBLE FOR COPPLIANCE WITH THE RECOURS TO COORDINATE WITH THE APPROPRIATE UTILITIES TO OBTAIN AUTHORIZATION PRIOR TO RELOCATION OF ANY ENGINE WILL ITLES WHICH CORPLICE WITH THE PROPOSED PEPROVICE WITH THE PROPOSED WITH ANY CORPLICE ARROSS AND CONTRACTOR SHALL PREDICATELY NOTIFY THE QUIER, THE HUNCIPALITY AND APPROPRIATE UTILITY COPPARY PRIOR TO PROCESSING WITH ANY RELOCATION.
- IS. ALL PAVINENT JONTS SHALL BE SAILCUT PRIOR TO PAVING TO PROVIDE A DURARUE AND UNIFORM JONT.
- M. NO HOLES, TRENCHES OR STRUCTURES SHALL BY LIFT OPEN OVERNIGHT IN ANY EXCAVATION ACCESSIBLE TO THE PUBLIC OR IN PUBLIC RIGHTS-OF-WAY.
- THE PROPOSED LIMITS OF CLEARING SHOWN HEREON ARE APPROXIMATE BASED UPON THE PROPOSED LIMITS OF SITE GRADING. THE APPLICANT RESERVES THE RIGHT TO PERSON'T NORTH, CREST HANAGETERS ACTIVITIES OUTSIDE OF THE CLEARING HAY BE NECESSARY TO RESTOR DAD OR DYNES TREES ON TREES FROM HAY BE NECESSARY TO RESTORE DAD OR DYNES TREES ON TREES LIMITS, HAY DE NECESSARY TO RESTORE DAD OR DYNES TREES ON TREES LIMITS. HAY RESTOVED BY TO PERSONAL SARTY HAY BE NECESSARY TO RESTORED AND TO PROPER FOREST GROWIN.
- 6. PHECIATELY UPON COMPLETION OF CUMPICLE, THE CONTRACTOR SHALL STABLIZE DISTURBED AREAS IN ACCORDANCE WITH EROSION CONTROL NOTES AND AS SPECIFIED OF
- TI. THE CONTRACTOR SHALL BE FILLY AND SOLELY RESPONSIBLE FOR THE REMOVAL, REPLACEMENT AND RECTFICATION OF ALL DAMAGED AND DETECTIVE HATERIAL AND BURGHARMEN IN CONNECTION WITH THE CONTRACT DIVER FOR CONTRACTOR SHALL REPLACE OR REPLACE AS DIRECTED BY THE OWNER ALL SUCH DAMAGED OR DETECTIVE HATERIALS BURCHARMEN BURCHARMEN OF THE OWNER ALL SUCH DAMAGED OR DETECTIVE HATERIALS BURCHARMEN BURCHARMEN OF THE OWNER ALL SUCH DAMAGED OR DETECTIVE HATERIALS BURCHARMEN BURCHARMEN OF THE OWNER ALL SUCH DAMAGED OR DETECTIVE HATERIALS BURCHARMEN BURCHARMEN OF THE OWNER AND THE OWNER BURCHARMEN BURCHARMEN
- 8. ALL WORK PERFORMED BY THE CENERAL CONTRACTOR AND/OR TRADE SUBCONTRACTOR SHALL CONFORM TO THE REGUIREMENTS OF LOCAL, STATE OR FEDERAL LAWS, AS WELL AS ANY OTHER GOVERNING REGUIREMENTS, WETHER OR NOT SPECIFED ON THE DRAWNOS.
- II. THE GENERAL CONTRACTOR SHALL MANTAN A CURRENT AND COMPLETE SET OF CONSTRUCTION DRAWINGS ON SITE DURING ALL PHASES OF CONSTRUCTION FOR USE OF ALL
- 13. DETAILS ARE INTEDED TO GHOW BRO RESILT OF DESIGN. ANY MODIFICATION TO SUIT FIELD DIFFENSION AND CONDITION SHALL BE BUSHTTED TO THE ENGINEER FOR REVIEW AND APPROVAL FINIOR TO ANY BORSE.
- THE ALL SUBSUPFACE UTILITY LINES SHOUN HEREON ARE BASED SOLELY ON THE RELD LOCATION OF VISIBLE STRUCTURES, SHA'S, CO'S, HYDRANTS, ETC., IN CONJUNCTION WITH DESIGN AND OR AS-BELT FLANS SUPPLIED TO SEBASIO TECHNICS NO. BY TOTHERS, PRIOR TO ANY CONSTRUCTION, EVICAVATION, TEST BORRAGE DRILLING, ETC. DIG SAFE PLIST SER NOTIFIED AND A SHE IDENTRYCLATOR NUMBER ALL SHEED ASHE ID DIS DATE OSTANED. THE SHE CONTRACTOR SHALL BE RESPONSIBLE FOR HELD VERSTYNS THE LOCATION, DEPTH AND MATERIAL, OF ALL SUBSURFACE UTILITY LINES SHOW HEREON AND ANY AND ALL OTHERS LOCATED ON SHE WITHIN THE CONSTRUCTION AREA.



#### INSTALLATION:

- INSTALLATION:

  L. DRIGAVAR A 6'\* 6' TRENCH ALONG THE LINE OF PLACEMENT FOR THE PLITER BARRIERS.

  2. UNDILL A SECTION AT A THE AND POSITION THE POSTS AGARST THE BACK (DOUNSTREAM).

  3. DRIVE POSTS NITO THE GROUND UNTIL APPROVINTELY. 2' OF PASSIC 16 LYING ON THE
  TRIBUCH BOTTON.

  4. LAY THE TOE-IN FLAP OF PASSIC ONTO THE UNDISTRIPBED SOTTION OF THE TRIBUCH.

  BACKPULL THE TRENCH AND TAMP THE BOIL. TOE-IN CAN ALSO BE ACCOMPLISHED BY

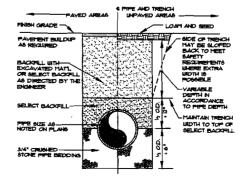
  LAYING THE PASSIC PLAP OF HOUSTRIPBED GROUND AND PILING AND TAMPING FILL AT

  LAYING THE PASSIC PLAP OF HOUSTRIPBED BY AN INTERCEPTION DITTOL.

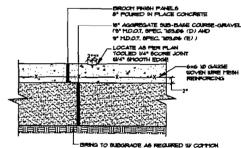
  5. LON BECTUT THAT BE ACCOMPANIED.

  6. BARRIER SHALL BE HEARD BLT PENCE OR BOLIA.

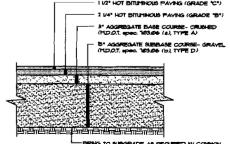




TYPICAL TRENCH SECTION



- COMPACT GRAVEL BUS-BASE, BASE COURSE TO 92% OF MAXIMUM DENSITY USING HEAVY ROLLER COMPACTION.
- 2. CONTRACTOR SHALL SET GRADE STAKES MARKING SUBBASE AND FINISH GRADE ELEVATIONS FOR CONSTRUCTION REFERENCE. HEAVY DUTY CONCRETE PAVEMENT



BRING TO BUBGRADE AS REQUIRED IV CONTION BORROW COMPACTED TO 90% OF MAXIMUM DISHSTY.

L COMPACT GRAVEL SUBBASE, BASE COURSE TO 92% OF MAXIMUM DENSITY USING HEAVY ROLLER COMPACTION. CONTRACTOR SHALL SET GRADE STAKES MARKING SUBBASE AND FINISH GRADE ELEVATIONS FOR CONSTRUCTION REFERENCE.

TYP. PAVED PARKING LOT SECTION

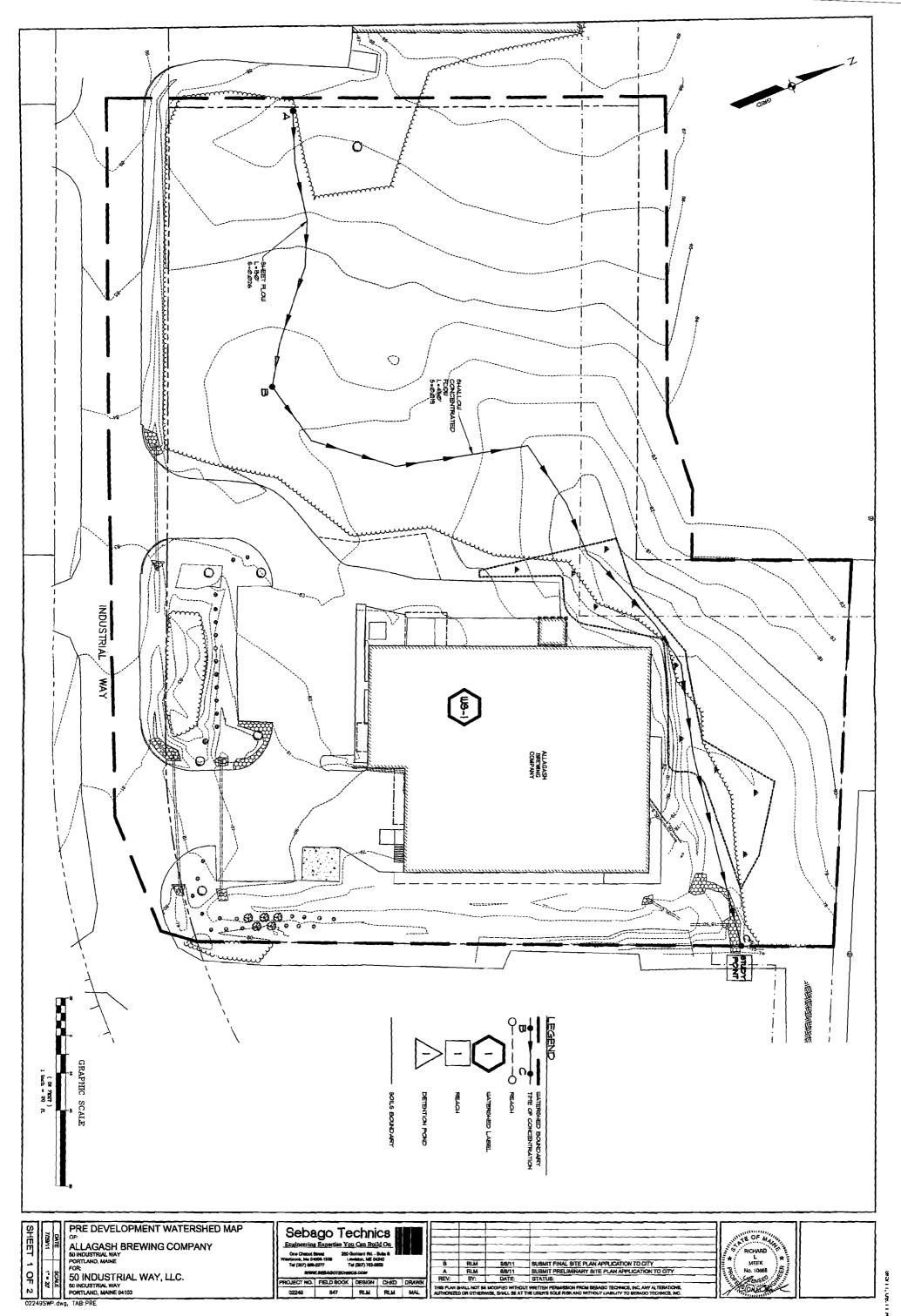


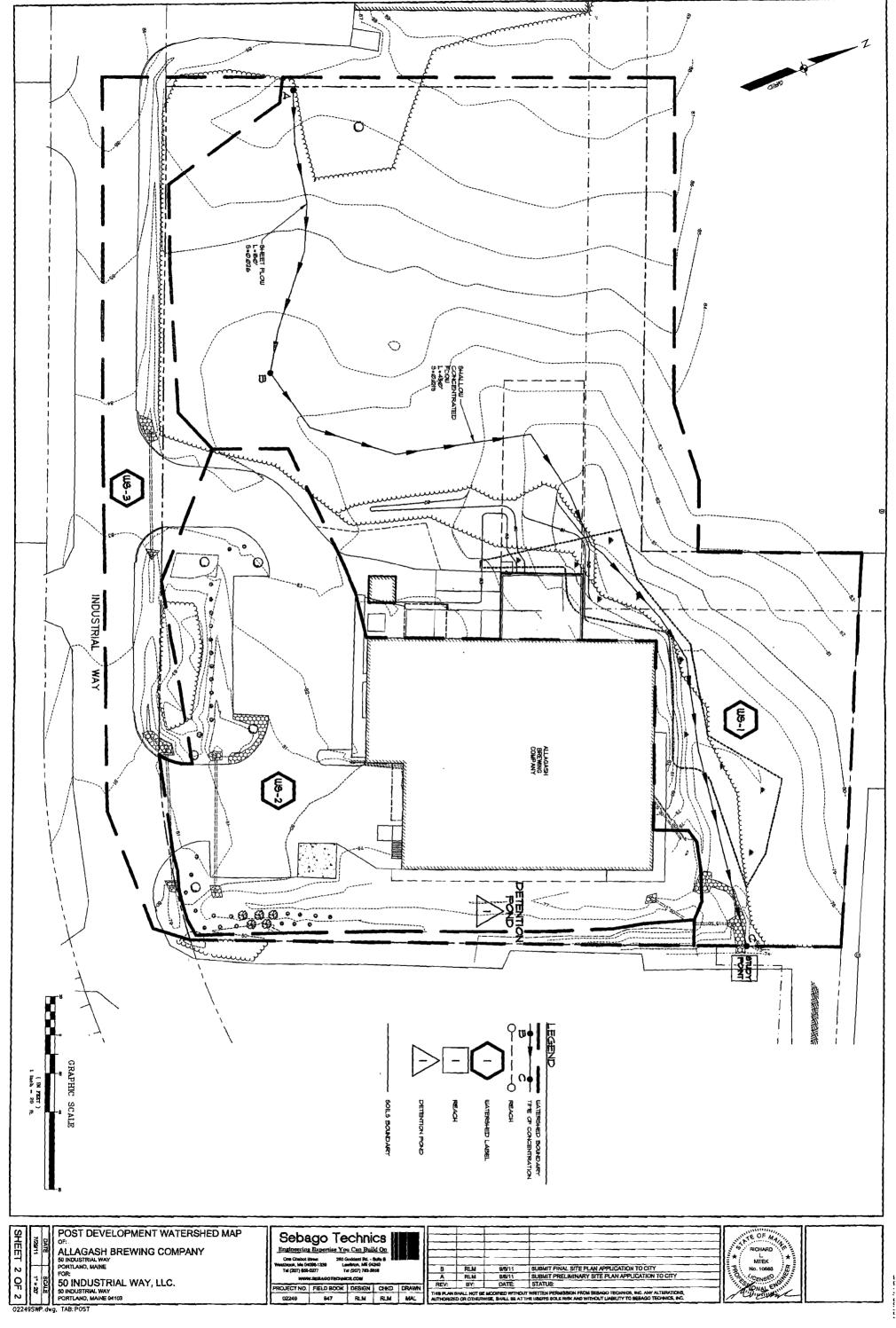
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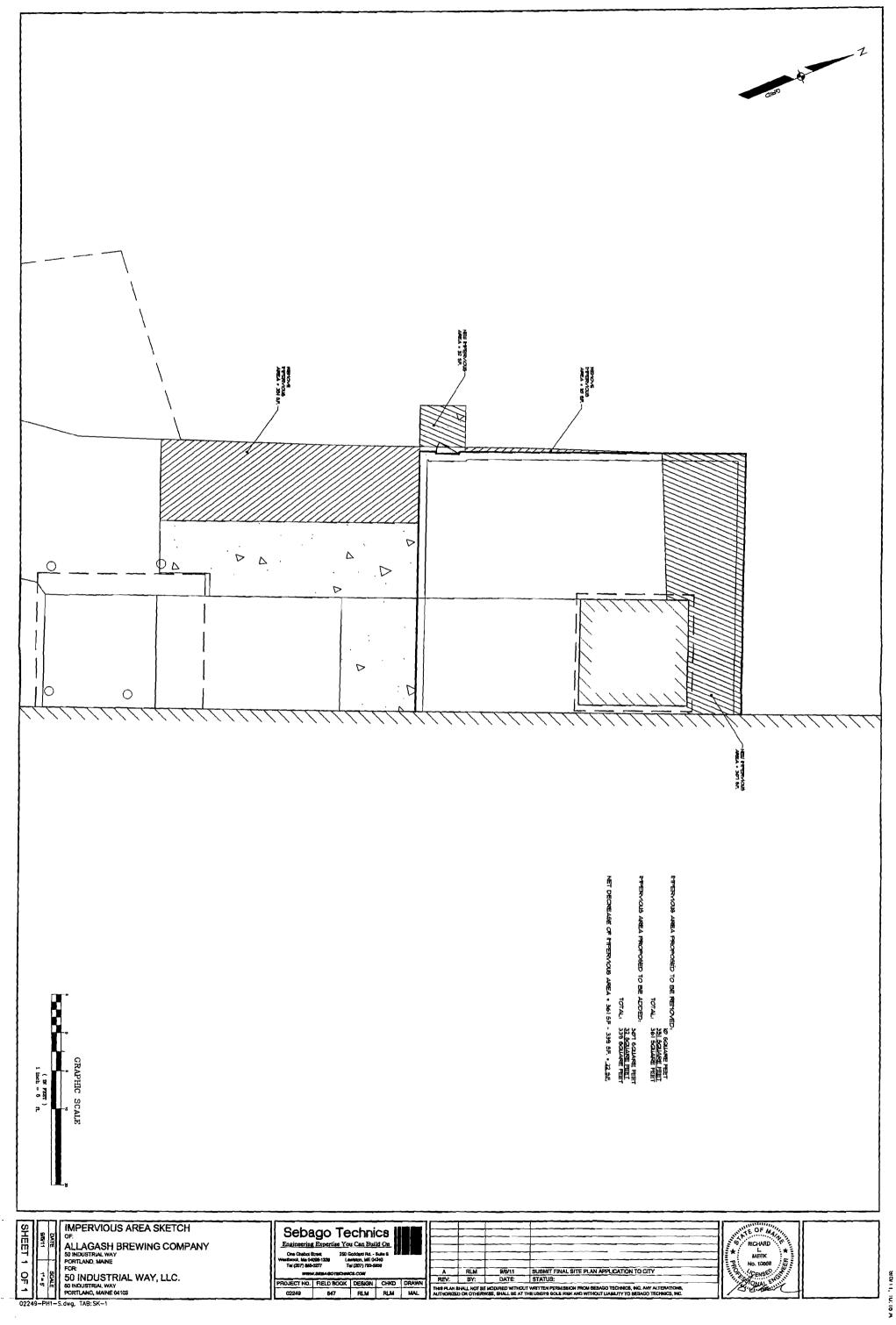
Technics ties You Can Build On 250 Godden Fel. - Suite 8 240 Godden Fel. - Suite 8 74 (2007) 753-6088 Sebago Anabot Street J. Ne 04086-12 07) 386-0277 WWW.268

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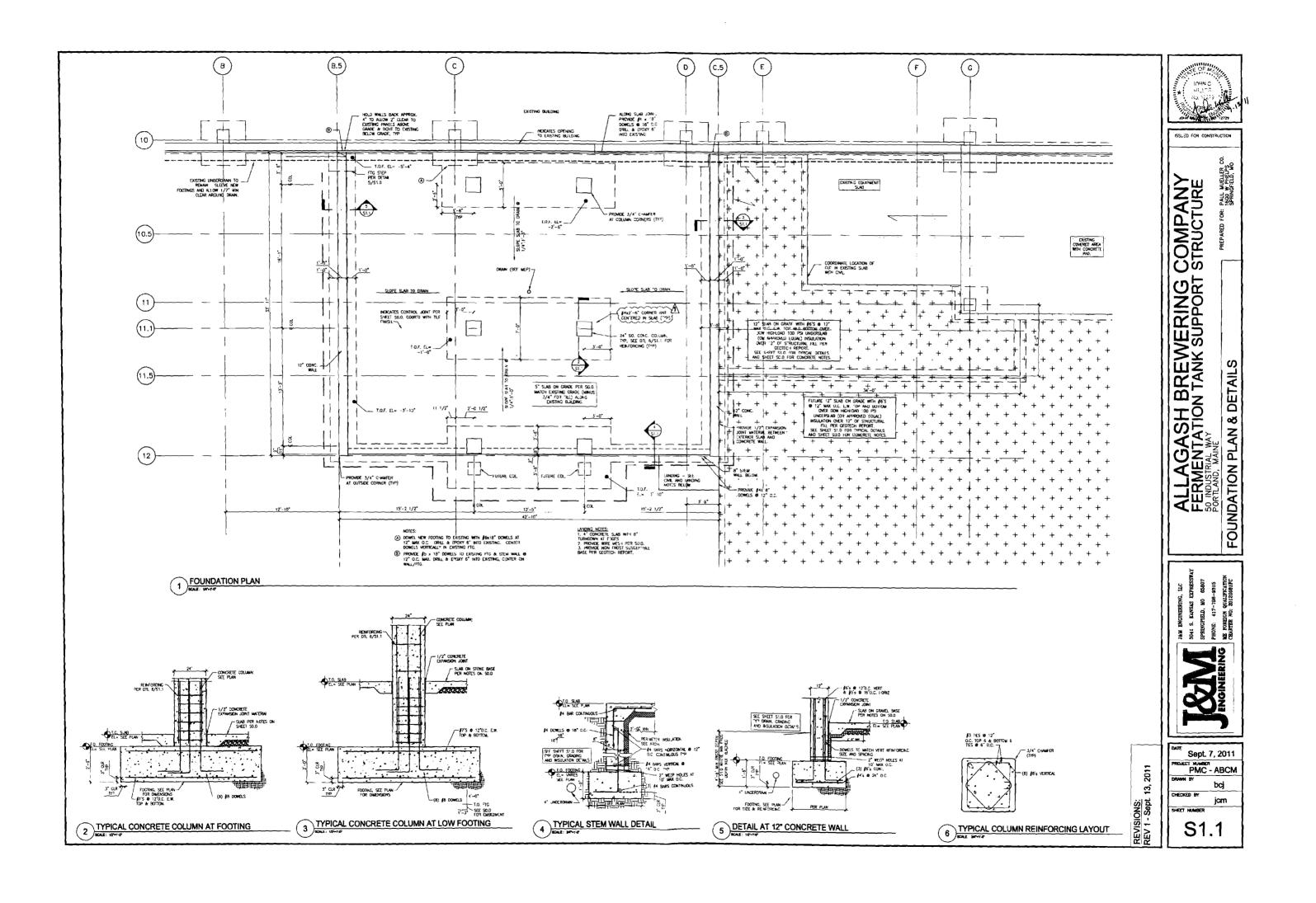


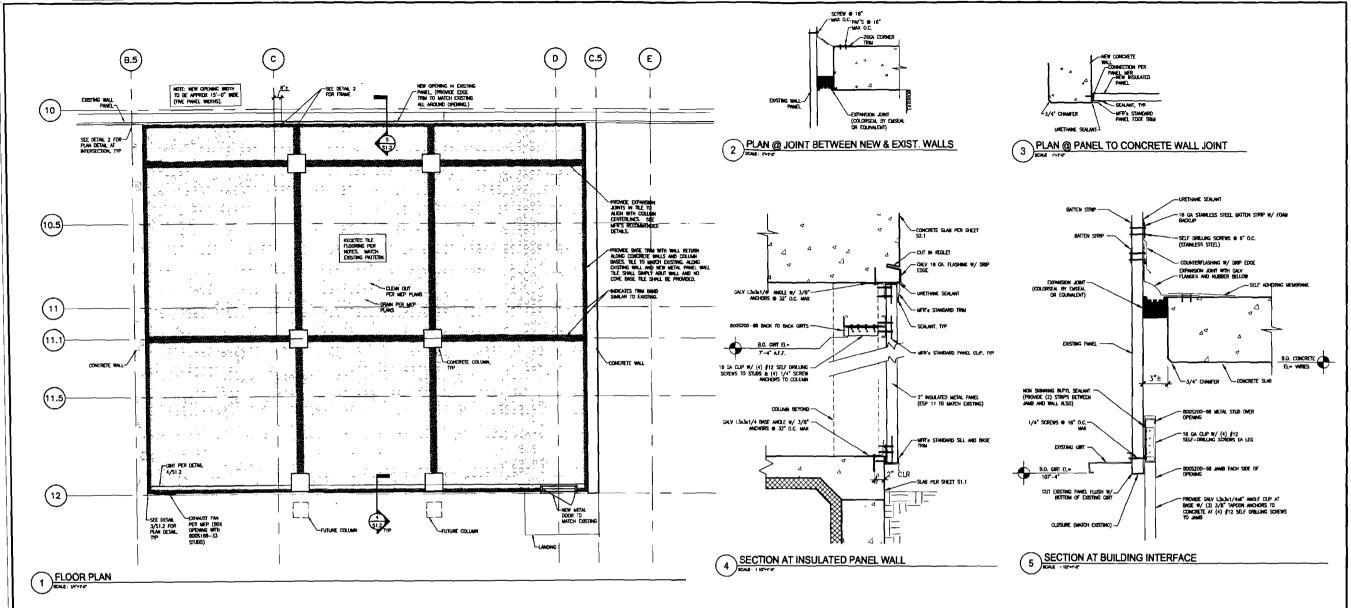


A RLM 9/6/11 SUBMIT FINAL SITE PLAN APPLICATION TO CITY

REV. BY: DATE: STATUS:

THIS PLAN BHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHNICS, INC. ANY ALTERATIONS,
AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LABILITY TO SEBAGO TECHNICS, INC.





#### SHEET NOTES

FLOCKING

1. PROPOSE VEZETTE FLOORING TO MATCH FLOORING IN CURRENT BOTTLING AREA

2. ALIGN THE DOWNSON JOINTS WITH JOHN'S IN COMPRETE.

1. THE PROPOSE WITH ALL IMMUNIFICENCY SECONDISHONTONS AND

1. THE PROPOSE WITH SECOND

SELL CORDINOS.

1. COLÍ CINCERTE MILIS AND CILLANIS MÍTH EPIDAY CIDATING.

2. COLOGNATE EPIDAY CIUTING COLORI MITH CHINER.

3. PROMORE A CULMA/STRUGHCI ANDRE ERMEDIN EPIDAY PHART AND ROOF.

4. EPIDAY CIDATING SHALL SE A TINO PART, HIGH BURLO, LOW VOC EPIDAY.

EPIDAY CIDATING SHALL SE A TINO PART, HIGH BURLO, LOW VOC EPIDAY.

DISTRICTED WALL PANELS (ISP's):

1. INSTRUCTED WALL PANELS SHALL BE ESP II WALL PANELS BY ISP TO MATCH. I INSTANTO WALL PANES SHALL RE-SPI I WALL PANES SHIP SHO MAINTNOSTINA.

SOLITION AND MARK REPRESENTATION COME, THE PANES SHIPPLES SHALL

SURPLY A FIRAL WIND COMPATE SYSTEM MOMENTAL COMPONERS SHALLDRING ALL

THIS, FARSHMEN, I'CH MERDED IT PROVIDE A COMPATICE WHITEPHOOF MOMENTAL

PRETENTATIONS (COMPATE SYSTEM COMPINATES SHALL COORDINATE ALL MALL

PRETENTATIONS (COMPATICE SYSTEM COMPINATES SHALL COORDINATE ALL MALL

PRETENTATIONS (COMPATICE SYSTEM COMPATICE) AND PROVIDE ALL THIS MAY

I CONTINUED SHALL PROVIDE A MARMANIA 5 "TEAR WARRANTY FOR THE

MATERIALS AND INDEMNATIONS.

S. ALL TRUTTEDES SHALL PROVIDE A MARMANIA 5 TOPA WARRANTY FOR THE

S. ALL TRUTTEDES SHALL PROVIDE A MARMANIA 5 TOPA WARRANTY FOR THE

S. ALL TRUTTEDES SHALL PROVIDE A MARMANIA 5 TOPA WARRANTY FOR THE

S. ALL TRUTTEDES SHALL PROVIDE A MARMANIA 5 TOPA WARRANTY FOR THE

S. ALL TRUTTEDES SHALL PROVIDE STANDERS.

S. ALL TRUTTEDES SHALL PROVIDE STANDERS.

S. ALL TRUTTEDES SHALL ASSO BE STANDERS STEELS.

FUTURE FES WALL/BOOF COATING (NOT IN THIS PROJECT, INFORMATIONAL CHRY).

1. DUE TO THE SMALL SEZ OF THIS PHASE OF THE MARK SUPPORT DOWNSON
ON SHALLAND HE TO BE PROVIDED AT THIS TIME. WHEN THE TANK SUPPORT
STRUCTURE IS DOWNOOD IN THE FUTURE A 2° BITS SYSTEM WAY BE ADDED TO
THE INTERIOR OF THE STRUCTURE (GOTH HALLS AND ROOF). AND SPACES
BETWEEN THE TANK CLARES AND TANKS WHICH CAMPOINT BE RECOMMENT.
BEST SHALL BE THIS SHALL S

OMMER.

A FES SMALL CONSIST OF 2" BPS OMER S/8" EXTENDER GLASS MAT OFFSLIM
BOMED OMER J/4" CALMMERZED, 22 GA MAT OFMMELS AT 15" D.C. LEFEL HAT
OMMARCS WITH PLOTIC SHELL.

B. MEAR BETWEEN HAT OMMORES MAY BE SPRINTED WITH SEDE ROOD UNERTHANNE
FORM INSLINIONE PERSHED BY OWNER FOR ADDITIONAL MEDILATION. F THIS
OFFICIAL SPECIFICATION AT CHAMMERS OWN BE REPLACED WITH 1 5/8" 22 GA
MENL STUDG TO ALLOW MORE COMPLETE COMPANY OF WESLATION.

EXTEROR DOOR

1. DOOR SHALL MATCH THOSE PRESENT IN EXISTING FACILITY. MATCH ALL

HARDWAYE AND COORDINATE HEADER/AMB/TRIM/FLASHING WITH METAL PANEL

MANUFACTURER. COORDINATE KEYING/LOCKSETS WITH DIMMER.

IMPRIANTIES

1. CONTRACTOR SHALL WARRANT BUILDING, INCLUDING ALL FLASHING AND
COMPRETIONS TO DOSTING BUILDING FOR A PERROD OF ONE YEAR.

2. PANEL SHALL BE WARRANTED WITH THE MERT'S STANDARD WARRANTY (5 YEAR
MANNE NO.

DASHING TUCHNIC DITALS SHALL BE THE RESPONSIBILITY OF THE CONTINUTUR. INTERNATION FROM THE CONTINUTUR. INTERNATION FROM THE CONSIDERED OF THE CONTINUE OF THE CONSIDERED OF THE DETAIL DEVILES AND PRODUCT DAY AND SUBMITTOR.

2. CONTRACTOR SHALL SUBJECT INTERNET PLASHING DETAILS FOR APPROVAL WITH LAMPINGH, INTERNATIONS, PHYSIC AND SETALATION DEPOSITION OF COLLIDER.

EXPANSION JOINTS
1. DIPAMSION JOINTS SHALL BE INSTALLED PER ALL MERGE RECOMMENDATION
2. PRIO VERSY ALL DIMENSIONS

FRE EXTINGUISHER

1 PROMDE TRALL MOUNTED FIRE EXTINGUISHER ON A CENTRALLY LOCATED



PAUL MUELLER CO. 1800 W PHELPS SPRINGFIELD, MO

ä

COMPANY I STRUCTURE

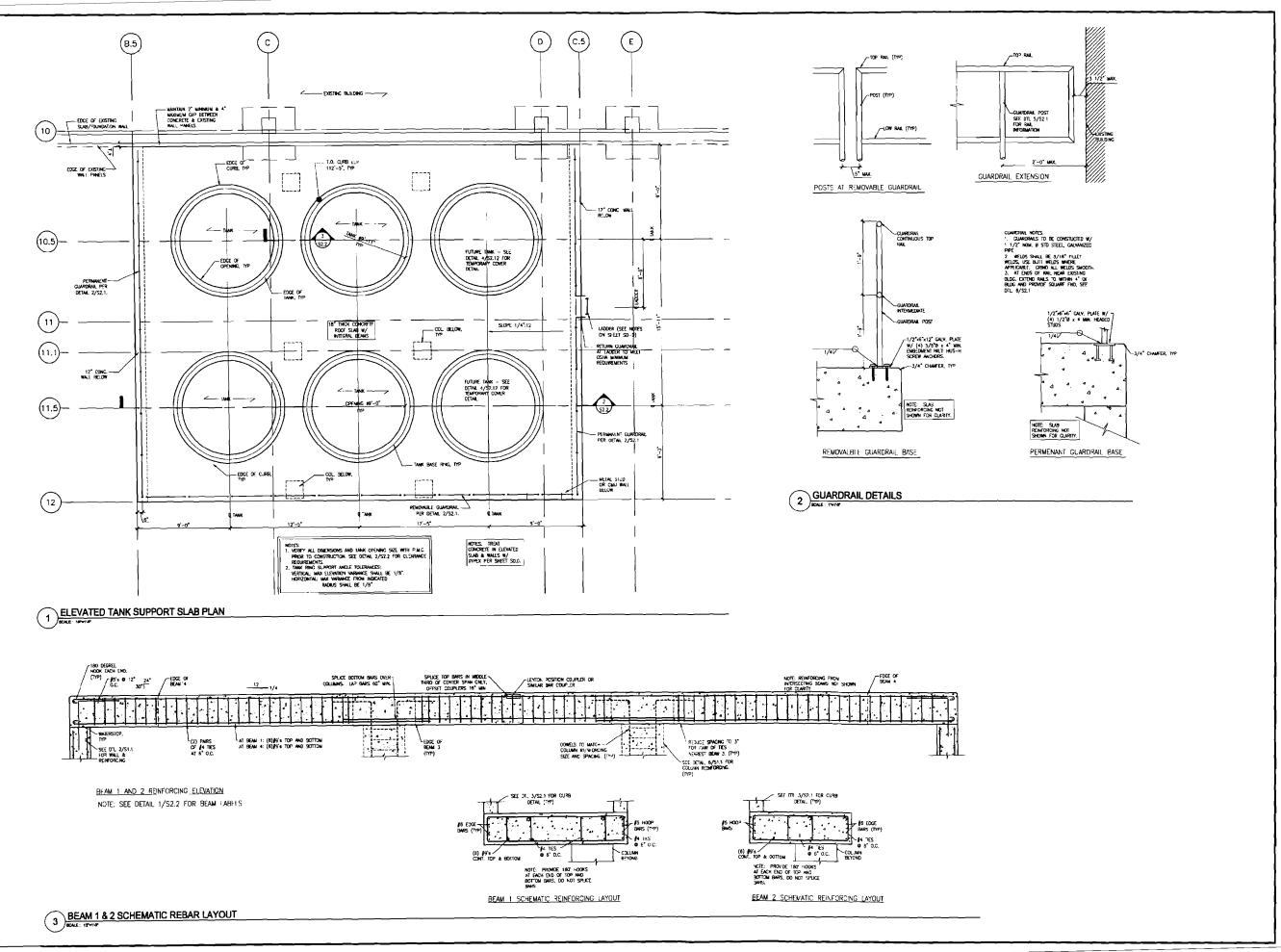
REWERING TANK SUPPORT

MZ Z ALLAGASH E FERMENTATION 50 INDUSTRIAL WAY PORTLAND, WAINE FLOOR PLAN

JAM ENGINEERING, LLC
3041 S. KANSAS EXPRESSEA
SPRINGTELD, MO 66807
FHONE: 417-706-6316
ME POPEICH QUALIFICATION
CHARTER NO: 20120091FC



Sept. 12, 2011 PMC - ABCM bci jcm **S1.2** 





PAUL MUELLER CO. 1600 W PHELPS SPRINGFIELD, MO

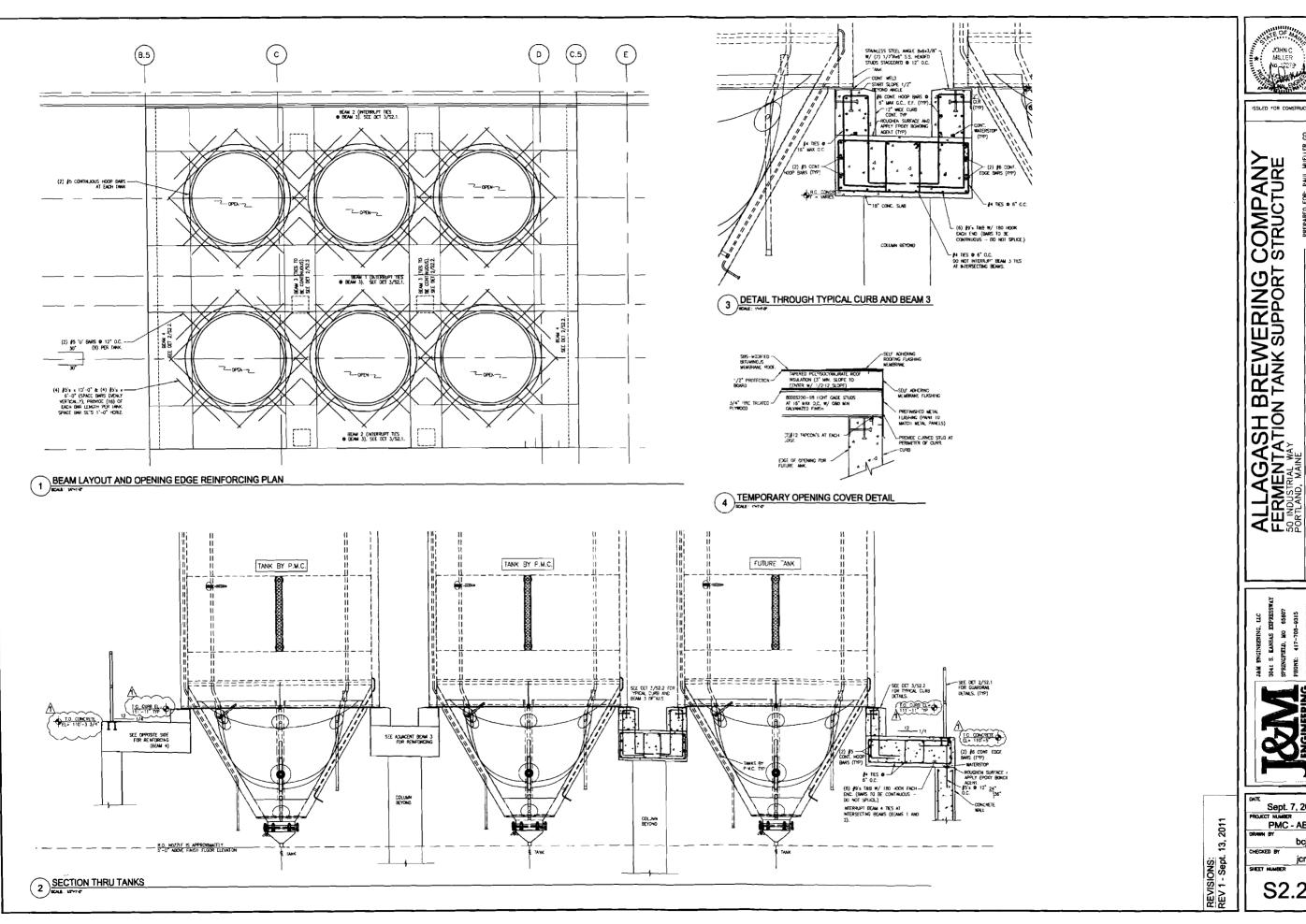
FOR:

DETAIL! FRAMING PLAN &

ALLAGASH BREWERING COMPANY FERMENTATION TANK SUPPORT STRUCTURE

Sept. 7, 2011 PMC - ABCM bcj

S2.1



JOHN C MILLER No 12279

ISSUED FOR CONSTRUCTION

PREPAREO FOR: PAUL MUELLER CO. 1600 W PHELPS SPRINGFIELD, MO

FRAMING DETAILS

JAM ENGINERING, LLC
3041 S. KANSAS EKPRESSWA
SPRINGFIELD, MO 65807
PRONE: 417-708-9315
ME FOREIGN QUALIFICATION
CRAKTER NO: 201200017C

Sept. 7, 2011 PMC - ABCM jcm **S2.2**