Form MR-SMO
(Revised September 21, 2009)

This Section for DOGM Use
Assigned DOGM File No.: S 0490075
DOGM Lead: Lynn Kunzler
Permit Fee $ 150.00 Ck # 021288
Task ID# 3474

APPROVED
APR 26 2010
DIV. OIL GAS & MINING

RECEIVED
MAR 31 2010
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1594 West North Temple Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
Telephone: (801) 538-5291 Fax: (801) 359-3940

NOTICE OF INTENTION TO COMMENCE SMALL MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1987, and the General Rules as promulgated under the Utah Minerals Regulatory Program.

Note on confidentiality: Information provided in the notice of intention relating to the location, size, or nature of the mineral deposit that is clearly marked confidential will be protected as confidential. Each page or map requested to be kept confidential must be stamped or marked as such. The requested confidential information must describe how the confidential material relates to the location size or nature of the mineral deposit; provide a written claim of business confidentiality; and/or include a concise statement of reasons supporting the claim of business confidentiality, unless disclosing the location of explosives or historic, prehistoric, paleontological, or biological resource that must be considered confidential under statute.

"Small Mining Operations" mining operations which have a disturbed area of five or less surface acres at any time.

* * * * * * * * *

I. GENERAL INFORMATION (Rule R647-3-104)

1. Name of Mine: Lake Point Quarry

2. Legal name of entity (or individual) for whom the permit is being requested: Ames Construction, Inc.
Mailing Address: 3737 West 2100 South
City, State, Zip: West Valley City, UT 84120

Phone: (801)977-8012 Fax: (801)977-8088
Web Address: www.amesconstruction.com

Type of Business: Corporation (x) LLC ( ) Sole Proprietorship (dba) ( )
Partnership ( ) General _____ or _____ limited
Or:
Individual ( )

Entity must be registered (and maintain registration) with the State of Utah, Division of Corporations (DOC) www.commerce.utah.gov.
Are you currently registered to do business in the State of Utah? _x_ Yes __ No
Entity # 241617-501
If no, contact www.commerce.utah.gov to renew or apply.

Local Business License # TBD (if required)
Issued by: County UTAH or City _____

APPROVED

APR 26 2010

DIV. OIL GAS & MINING

3. **Contact Person(s)**

Name: Lennie Boteilho Title: Senior Manager
Address: 3737 West 2100 South
City, State, Zip: West Valley City, UT 84120
Phone: (801)977-8012 Fax: (801)977-8088
Emergency, Weekend, or Holiday Phone: (801)910-6055
E-mail Address: lboteilho@amesco.com

Contact person to be notified for: permitting (x) surety (x) Notices (x) (please check all that apply)

Name: _____ Title: _____
Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
Emergency, Weekend, or Holiday Phone: _____
E-mail Address: _____

Contact person to be notified for: permitting ( ) surety ( ) Notices ( ) (please check all that apply)

Registered Utah Agent (as identified with the Utah Department of Commerce) *(if individual leave blank)*:
Name: CT Corporating System
Address: 136 East South Temple – Suite 2100
City, State, Zip: Salt Lake City, UT 84111
Phone: _____ Fax: _____
E-mail Address: _____

4. **If Business is a Sole Proprietor:**

Name of Owner: _____ Title: _____
Business Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
E-mail Address: _____

If Business is a Corporation:

Name of Officers: Raymond Ames Title: President/CEO
Ron Ames Title: Sr. Vice President
Dennis McGill Title: Secretary
_____ Title: _____
Headquarters Address: 2000 Ames Drive
City, State, Zip: Burnsville, MN 55306
Headquarters Phone: (952)435-7106 Fax: (952)435-0913
Web Address: www.amesconstruction.com

If Business is a Limited Liability Company: Member Managed __ Manager Managed __

Name of 1st Member/Manager: _____ Title: _____
Business Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
E-mail Address: _____

Name of 2nd Member/Manager: _____
Business Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
E-mail Address:

APPROVED

APR 26 2010

DIV. OIL GAS & MINING

If Business is a Partnership:
Name of Partner: _____
Business Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
E-mail Address: _____

5. **Ownership of Land Surface:**

Private (Fee) _x_ Public Domain (BLM) __ National Forest (USFS) __
State Trust Land/School Sections __ State Sovereign Lands __
Other (please describe): _____
Name Ambro and Son LLP Address 2000 Ames Dr. Burnsville, MN 55306
Name _____ Address _____
Name _____ Address _____
Name _____ Address _____

6. **Ownership of Minerals:**

Private (Fee) _x_ Public Domain (BLM) __ National Forest (USFS) __
State Trust Land/School Sections __ State Sovereign Lands __
Other (please describe): _____
Name Ambro and Son: LLP Address 2000 Ames Dr. Burnsville, MN 55306

Name _____ Address _____
Name _____ Address _____
Name _____ Address _____

BLM Lease or Project File Number(s) and/or USFS assigned Project Number(s): N/A

BLM Claim Numbers N/A

Utah State Lease Number(s): N/A

Name of Lessee(s) N/A

7. **Have the above surface and mineral owners been notified in writing?**
Yes _x_ No _____

If no, why not? _____

*Please be advised that if State Trust Lands are involved, notification to the Division of Oil, Gas and Mining alone does not satisfy the notification requirements of Mineral Leases upon State Trust Lands. Exploration or mining activity on State Trust Lands requires a minimum of 60 days notice to the Trust Lands Administration **prior** to commencing any activities. Please contact the School Institutional Trust Lands Administration (SITLA) at (801) 538-5508 for notification requirements.*

8. **Does the Entity have legal right to enter** and conduct mining operations on the land covered by this notice? Yes _x See attached letter_ No_____

APPROVED

APR 26 2010

DIV. OIL GAS & MINING

Incoming
S/049/0075
Rec'd by email
4/14/2010
TASK 3489

II. PROJECT LOCATION & MAP (Rule R647-3-105)

1. **Project Location & Map** (legal description):

County(ies): _____

SE 1/2, of SE 1/4, of SW 1/4: Section: 30 Township: 6 S Range: 1 E
SW 1/2, of SW 1/4, of SE 1/4: Section: 30 Township: 6 S Range: 1 E
____ 1/4, of ____ 1/4, of ____ 1/4: Section: ____ Township: ____ Range: ____

UTM East 12425157.0 (if known) UTM North 4457800.0 (If known)

Name of Quad Map for Location: Provo 1:100000

2. **Location and Operations maps** must be plotted at a scale to accurately identify locational landmarks and operations details. All maps must include a north arrow, scale, appropriate labels, and title box including the mine name, township, range and section.
   a. The **general location map** must be the scale of a USGS 7.5 minute series map or equivalent (1"=2000') and identify new or existing access roads.
   b. The **operations map** (1"=200' or other scale as determined necessary by the Division) must be labeled and identify:
      i. The area to be disturbed;
      ii. The location of any existing or proposed operations including access roads, drill holes, trenches, pits, shafts, cuts, or other planned activities; and
      iii. Any adjacent previous disturbance for which the operator is not responsible.

   (Contact the Division for a list of consultants and land surveyors for mapping assistance.)

3. The proposed (5 acre or less) disturbed area (including access/haul roads) should be marked in the field ON THE GROUND with metal T-Posts (or with some other marker of equal effectiveness). Markers should be appropriately spaced so that the next marker in either direction is clearly visible with the naked eye.

III. OPERATION PLAN (Rule R647-3-106)

1. **Type of mining:** Surface ☒ Underground ☐

2. **Mineral(s) to be mined:** Aggregates – gravel, sand and rock

3. **Amount of material** to be extracted, moved, or proposed to be moved: _____
   200,000 CY

4. Will any **water, liquid chemicals, reagents, or other solutions** be used, produced or discharged as part of the mining or milling process?
   Yes ☐ No ☒ If yes, please describe (add extra pages if needed) _____

APPROVED

APR 26 2010

DIV. OIL GAS & MINING

5. Provide a brief **description of the proposed mining operation** and onsite processing facilities (add extra pages if necessary). See attached pages

6. ☐ **New Road(s)**: Length 0 (ft) Width 0 (ft)

7. ☒ **Improved Road(s)**: Provide a description of the improvements that need to be made to existing roads to access the site, including the Length 500 (ft) and Width 10 (ft) of new disturbances.

8. Total project surface **acreage to be disturbed**: 5.0 (acres) PLEASE SPECIFY EXACT ACREAGE - *(this will be used to determine surety bond amount – see #VI).*

9. Proposed **startup date** (month, year) April, 2010

10. Proposed **completion date**, if known (month, year) December, 2010

IV. OPERATION AND RECLAMATION PRACTICES (Rule R647-3-107, 108 & 109)

The reclamation and operation obligation is to keep the area clean and safe, minimize hazards to public safety, return the land to a useful condition, and reestablish at least 70 percent of the premining vegetative ground cover or within practical limits. To accomplish this, the Permittee / Operator will need to perform reclamation concurrently, or at the completion (within one (1) year) of mining. Please refer to The Practical Guide to Reclamation in Utah, available at https://fs.ogm.utah.gov/pub/MINES/Coal_Related/RecMan/Reclamation_Manual.pdf.

1. *Keep the mining operation in a safe, clean, and environmentally stable condition.*
2. *Permanently seal all shafts and tunnels to prevent unauthorized or accidental entry.*
3. *Plug drill holes with a five foot cement surface plug. Holes that encounter fluids are to be plugged in the subsurface to prevent aquifer contamination.*
4. *Construct berms, fences, or barriers, when needed, above highwalls and excavations.*
5. *Remove, isolate, or neutralize all toxic materials in a manner compatible with federal and state regulations.*
6. *Remove all waste or debris from stream channels.*
7. *Dispose of any trash, scrap metal, wood, machinery, and buildings.*
8. *Conduct mining activities so as to minimize erosion and control sediment.*
9. *Reclaim all roads that are not part of a permanent transportation system.*
10. *Stockpile topsoil and suitable overburden prior to mining.*

APPROVED

APR 26 2010

DIV. OIL GAS & MINING

11. *Stabilize highwalls by backfilling or rounding to 45 degrees or less, where feasible, reshape the land to near its original contour, and redistribute the topsoil and suitable overburden.*

12. *Properly prepare seedbed to a depth of six inches by pocking, ripping, discing, or harrowing. Leave the surface rough.*

13. *Reseed disturbed areas with adaptable species. (The Division recommends a mixture of species of grass, forb, and browse seed, and will provide a specific species list if requested.)*

14. *Plant the seed with a rangeland or farm drill, or broadcast the seed. Fall is the preferred time to seed.*

V. VARIANCE REQUEST (Rule R647-3-110)

Any variance request must be approved in writing by the Division

Any planned deviations from Rules R647-3-107, Operation Practices, R647-3-108, Hole Plugging Requirements, or R647-3-109, Reclamation Practices, as summarized above (see IV. Operation and Reclamation Practices Item # 1-14), should be identified below listing applicable rule number. Give justification for the variance(s) and alternate methods or measure to be utilized. Written approval from the Division will be given, if the proposed alternative methods to be used are consistent with the Act.

Are variances being requested? Yes ☐ **No** ☒

1st Variance Requested

_____ _____

Item # Applicable Rule # (i.e. R647-3-109.10 (if you did not want trenches & pits reclaimed)

Justification: _____

Alternate methods or measure to be utilized: _____

_____

2nd Variance Requested

_____ _____

Item # Applicable Rule #

Justification: _____

Alternate methods or measure to be utilized: _____

_____

3rd Variance Requested

_____ _____

Item # Applicable Rule #

Justification: _____

Alternate methods or measure to be utilized: _____

_____

Attach additional page if more variances are requested.

VI. SURETY (Utah Code Ann. §40-8-7(1)[c])

A reclamation contract and surety must be provided to and approved by the Division prior to commencement of operations. No surface disturbance is authorized until the surety is posted and approved in writing. The surety may be provided in the form of a certificate of deposit, a letter of credit, a surety bond, or cash. Please contact the Division for further information about submitting the surety. All mining operations are required to furnish and maintain reclamation surety to guarantee that the land affected is reclaimed (Utah Code Ann. §40-8-7(1)[c]).

APPROVED

APR 26 2010

DIV. OIL GAS & MINING

The reclamation surety amount is based on the nature, extent and duration of operations. The amounts are based on data from current large mine surety and are used as a general guide, along with actual site conditions. Reclamation surety for small mines is reviewed every three (3) or five (5) years and adjusted as necessary for inflation/deflation based upon acceptable Costs Index. **Contact the Division for the dollar amount required for a three (3) or five (5) year period for this project.**

VII. PERMIT FEE (Utah Code Ann. §40-8-7(1)(i))

A permittee's authorization under a notice of intention to conduct small mining operations shall require the paying of permit fees as authorized by the Utah Legislature (R647-3-102.5). Permit fees are assessed to new and existing small mining operations, and annually thereafter, until the project disturbances are successfully reclaimed by the Permittee / Operator and released by the Division.

Small Mine Notices require a $150.00 fee, which must accompany this application, or the Division cannot process it.

VIII. SIGNATURE REQUIREMENT

CERTIFICATION

I state under penalty of perjury under the laws of the state of Utah and the United States of America that:

a. I have read this form and declare the information, statements and/or documentation are true, correct and complete to the best of my knowledge and belief; AND

b. I commit to the reclamation of the aforementioned small mining project as required by the Utah Mined Land Reclamation Act (40-8) and the rules as specified by the Board of Oil, Gas and Mining.

c. **This certification must be signed by:** (1.) an executive officer if the applicant is a corporation; (2.) a partner if applicant is a partnership (general or limited); (3.) the owner if applicant is a sole proprietorship; **or** (4.) the member or manager if applicant is a limited liability company.

Signature: _____ Date: 3/31/2010

Name (typed or printed): Leonard Boteilho

Title/Position (if applicable): Senior Manager

O:\FORMS\Notices\Final\smo-09212009.doc

APPROVED
APR 26 2010
DIV. OIL GAS & MINING

NOI – III. Operation Plan - 5.

The Lake point Quarry will be mined to product aggregates from the limestone rock and sand and gravels for concrete, asphalt, base coarse and landscape rock.

Access Roads

An existing access road, Long Ridge Road, is in place from Highway 68 and travels through the property to other private properties beyond this property. Long Ridge Road is a Utah County Class D road. The access road will be improved for safe travel for trucks. All temporary access will be within the mining and processing areas.

Mining Operations

Prior to mining operations stripping and stockpiling of top soils will be completed. Stripping will progress in stages, in advance of mining.

The quarry will be developed as shown on Figure 2. Mining operations consist of direct extraction of gravels, not requiring blasting, with excavators, loaders and dozers. The materials will be loaded and transported to the processing area or directly to offsite customers. The limestone rock will be drilled, blasting and dozed for loading. The quarry will be mined from several small areas to allow for drilling and blasting progressing safely. A high wall will be established on the Southern portion of the property. A wall and bench system established of approximately 60 vertical feet with a 30 foot wide safety catch bench will continue to the eventual floor of the quarry. This achieves an overall final slope of 1:1. Each blasted lift will be approximate 30 foot deep to establish a broken working face. Blasted materials will be loaded from the working face by loader and loaded into rock trucks, transported directly by loader or pushed by dozer to stockpiles in the processing area.

Blasting Practices

The Lake Point Quarry will conduct blasting for mining operations. Blasting will be conducted by qualified companies holding applicable licenses. A detailed blasting design will be established prior to blasting operation. A typical blast design will range from 50-150 holes varying in depth of 15-30 feet set at a 10 ft. x 10 ft. to 13 ft. x 13 ft. grid pattern. Blasting will utilize primers, detonators, delays and cords and Ammonium Nitrate (ANFO).

The frequency of blasting will be dictated by production needs. Blasting may occur daily, during the daylight hours. Pre-blast warnings will include siren alerts to clear all personnel from the blasting zone. The upstream and downstream accesses are blocked by a person with radio communications to restrict access to the area. After the blast is detonated no one enters the area until the blaster gives the all clear alert.

Processing Operations

The processing area may include several stockpiles where rock materials can be sorted for specific products or staged for crushing/screening and or washing operations to produce aggregate products. The processing plant(s) are portable truck or skid mounted units. There will not be a permanent plant constructed. The process plant may be moved several times during the life of the operations. The processing stockpile will be feed through a

APPROVED
APR 26 2010
DIV. OIL GAS & MINING

single or double jaw feeder which feeds into the jaw crusher(s) for initial sizing. From there, the 6-8" material is conveyed to screen(s), which feed to cone crusher(s) with a product and return conveyor system(s). The crushing/screening system is a closed circuit. The product conveyor(s) may include several transfer belts with stackers to make stockpiles of finished product. The crushing/screening plants are controlled by a motor control circuitry located in the control tower manned by operators. There is a loader and small support equipment utilized to maintain the processing operations. All crushing/screening and conveyance belts are equipped with water spray bars to control fugitive dust. The process site area fugitive dust is controlled by water truck.

Stockpiles

Stockpile areas will be stripped of top soil and graded to establish a working platform, where products will be loaded into transport delivery trucks. Stockpiles will be moved as mining progresses. Fugitive dust control of the area will be by water truck.

Reclamation

Upon achieving final graded slopes top soils will be reapplied, prepared and seeded. Limited concurrent reclamation will occur into the final set back limits are achieved. Final reclamation contours and cross sections are shown on Figure 3.

APPROVED

APR 26 2010

DIV. OIL GAS & MINING

Ambro & Son, LLP
2000 Ames Dr
Burnsville, MN 55306

March 31, 2010

Ames Construction, Inc.
3737 West 2100 South
West Valley City, Utah 84120

RE: LEGAL RIGHT TO ENTER

To whom it may concern:

This letter acknowledges that Ames Construction, Inc. has a right to enter into private property owned by Ambro & Son, LLP to conduct mining operations.

Sincerely,

Mark Brennan
Managing Member

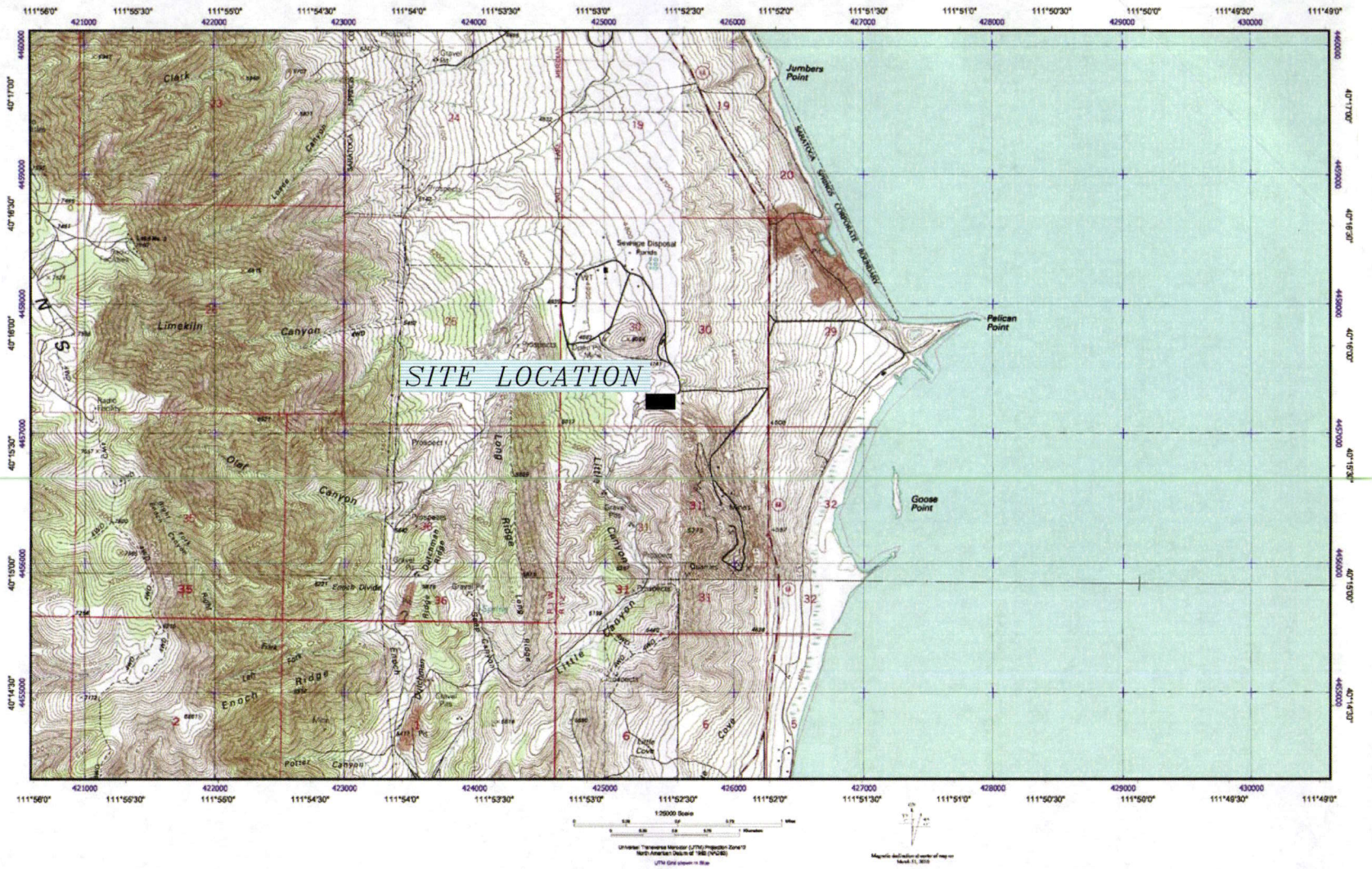
RECEIVED

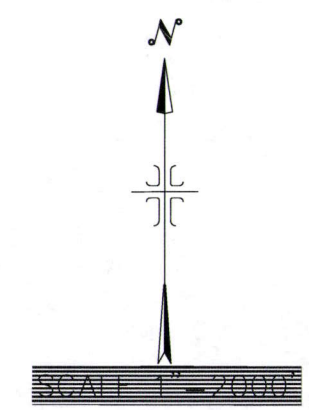
MAR 31 2010

DIV. OF OIL, GAS & MINING

BASE MAP

APPROVED
APR 26 2010
DIV. OIL GAS & MINING





5				DESIGNED BY:	DATE:
4				DRAWN BY:	DATE: 3-31-2010
3				CHECKED BY:	DATE:
2				APPROVED:	DATE:
1				COGO FILE:	DATE:
NO.	REVISIONS	BY	DATE	REV. COGO FILE:	DATE:

LAKE POINT QUARRY
UTAH COUNTY DOGM
PERMIT APPLICATION

BASE MAP/LOCATION MAP
FIGURE 1

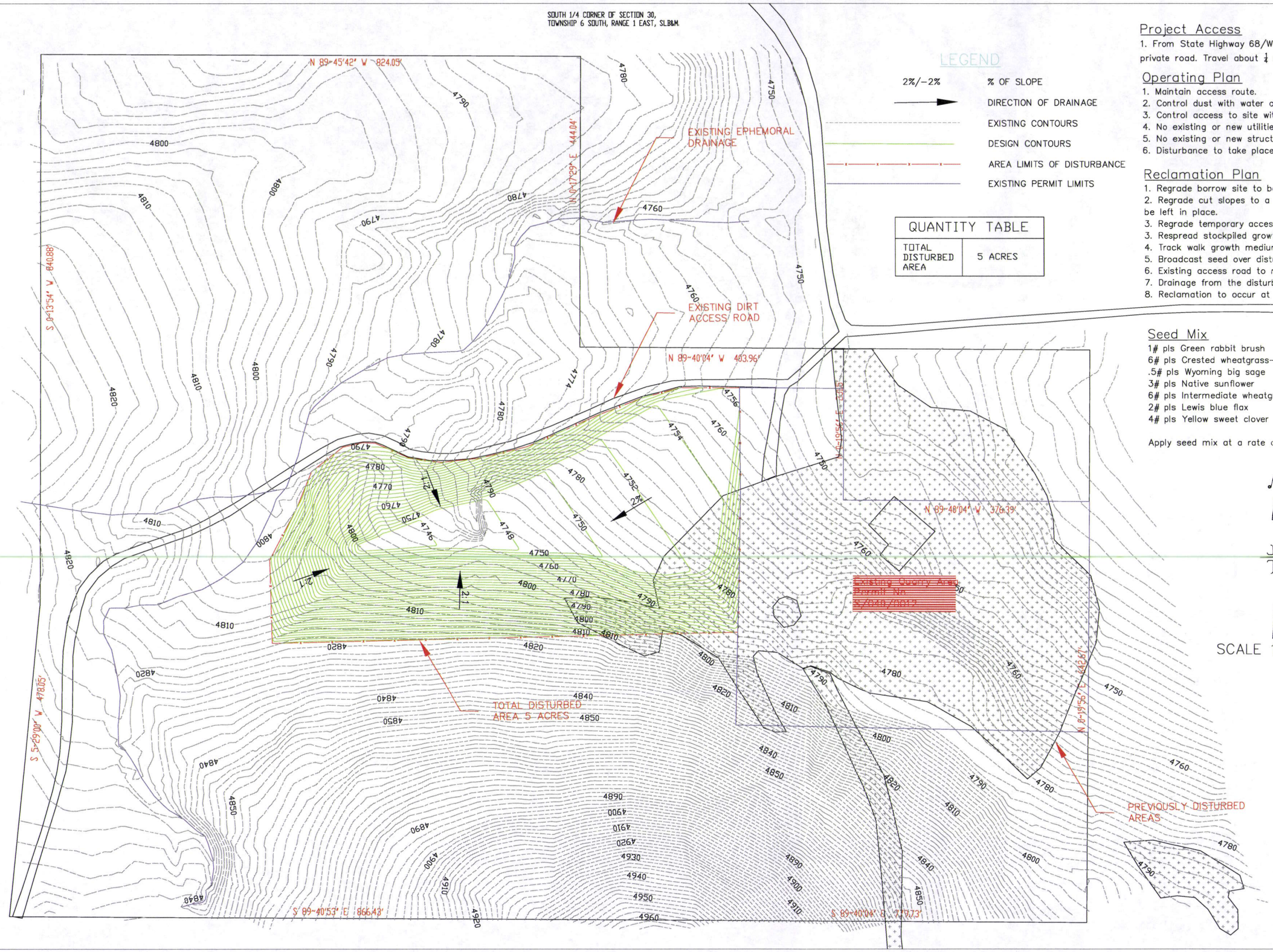
UTAH COUNTY, UTAH

Ames Construction, Inc.®
3737 WEST 2100 SOUTH
WEST VALLEY CITY,
UTAH 84120
801-977-8012

JOB NO.

SHEET NO.
10F3

GRADING AND RECLAMATION PLAN



LEGEND

2%/-2%	% OF SLOPE
→	DIRECTION OF DRAINAGE
	EXISTING CONTOURS
	DESIGN CONTOURS
	AREA LIMITS OF DISTURBANCE
	EXISTING PERMIT LIMITS

QUANTITY TABLE	
TOTAL DISTURBED AREA	5 ACRES

Project Access

1. From State Highway 68/West Lake Road near mile post 23, turn west onto private road. Travel about ¼ mile to quarry site.

Operating Plan

1. Maintain access route.
2. Control dust with water on all roads, pit area, and process operations.
3. Control access to site with locked gate.
4. No existing or new utilities on site.
5. No existing or new structures on site.
6. Disturbance to take place within the project boundary.

Reclamation Plan

1. Regrade borrow site to be free draining.
2. Regrade cut slopes to a 2:1 maximum slope, smooth and shape any mounds to be left in place.
3. Regrade temporary access road to natural grade.
3. Respread stockpiled growth medium over disturbed area, minimum of one inch.
4. Track walk growth medium surface.
5. Broadcast seed over disturbed areas.
6. Existing access road to remain.
7. Drainage from the disturbed site will remain within site.
8. Reclamation to occur at completion of operation.

Seed Mix

1# pls Green rabbit brush
6# pls Crested wheatgrass-nordan
.5# pls Wyoming big sage
3# pls Native sunflower
6# pls Intermediate wheatgrass
2# pls Lewis blue flax
4# pls Yellow sweet clover

Apply seed mix at a rate of 25 lbs of seed per acre.

APPROVED
APR 26 2010
DIV. OIL GAS & MINING

NO.	REVISIONS	BY	DATE
5			
4			
3			
2			
1			

DESIGNED BY:	DATE:
DRAWN BY:	DATE: 3-31-2010
CHECKED BY:	DATE:
APPROVED:	DATE:
COGO FILE:	DATE:
REV. COGO FILE:	DATE:

LAKE POINT QUARRY
UTAH COUNTY DOGM
PERMIT APPLICATION

GRADING AND
RECLAMATION PLAN
FIGURE 2

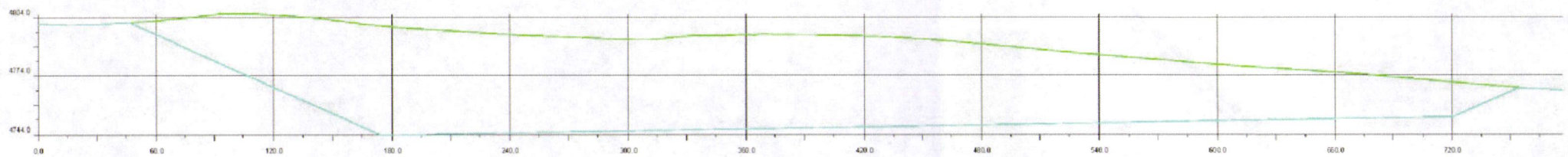
UTAH COUNTY, UTAH

Ames Construction, Inc.®
3737 WEST 2100 SOUTH
WEST VALLEY CITY,
UTAH 84120
801-977-8012

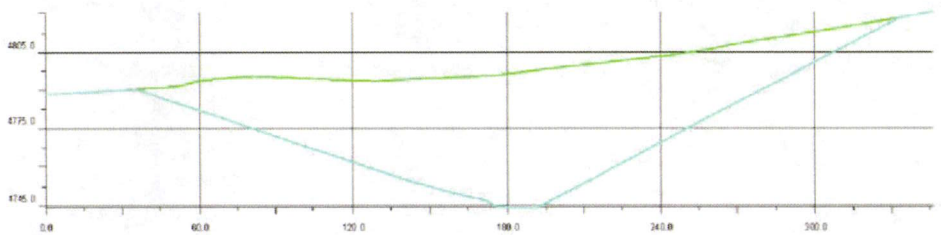
JOB NO.

SHEET NO. 2of3

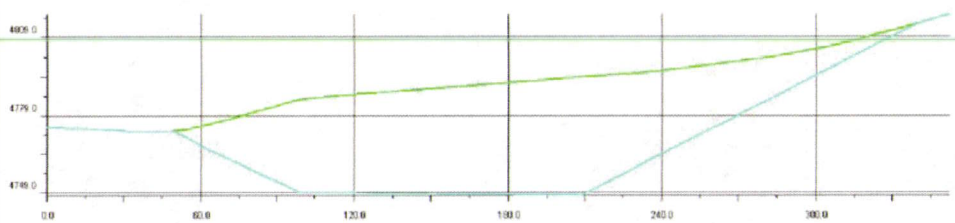
APPROVED
APR 26 2010
DIV. OIL GAS & MINING



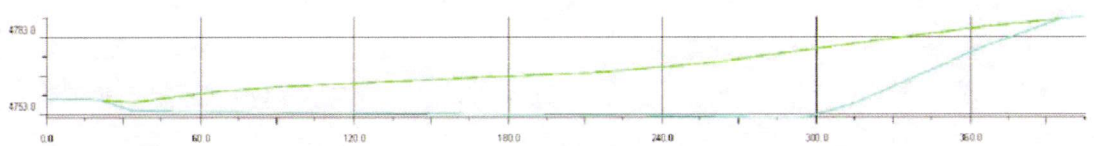
Section A



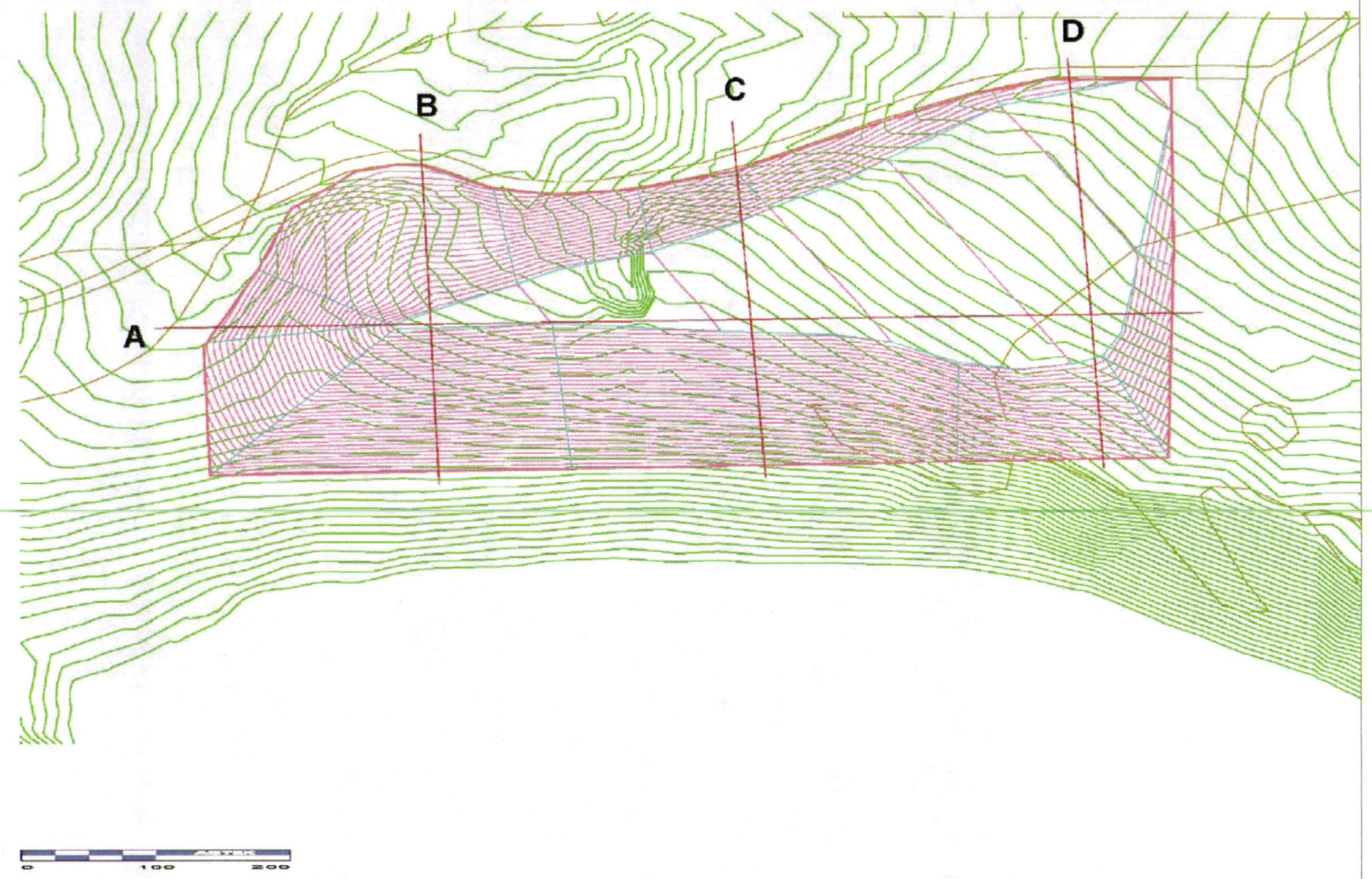
Section B



Section C



Section D



NO.	REVISIONS	BY	DATE		
5				DESIGNED BY:	DATE:
4				DRAWN BY:	DATE: 3-31-2010
3				CHECKED BY:	DATE:
2				APPROVED:	DATE:
1				COGO FILE:	DATE:
				REV. COGO FILE:	DATE:

LAKE POINT QUARRY
UTAH COUNTY DOGM
PERMIT APPLICATION

CROSS SECTIONS
FIGURE 3

UTAH COUNTY, UTAH

Ames Construction, Inc.®
3737 WEST 2100 SOUTH
WEST VALLEY CITY,
UTAH 84120
801-977-8012

JOB NO.

SHEET NO. 3of3