



**US Army Corps
of Engineers**

Vicksburg District
4155 Clay Street
Vicksburg, MS 39183-3435
www.mvk.usace.army.mil



Public Notice

APPLICATION NO.:	RVH-MVK-2013-1088
EVALUATOR:	Mr. Randy Holder
PHONE NO.:	(601) 631-5588
FAX NO.:	(601) 631-5459
E-MAIL:	Randy.V.Holder@usace.army.mil
DATE:	April 15, 2014
EXPIRATION DATE:	May 05, 2014

Interested parties are hereby notified that the U.S. Army Corps of Engineers, Vicksburg District, and the Mississippi Department of Environmental Quality, are considering an application for a Department of the Army Permit and State Water Quality Certification for the work described herein. Comments should be forwarded to the Vicksburg District, Attention: CEMVK-OD-F, and the Mississippi Department of Environmental Quality at Post Office Box 10385, Jackson, Mississippi 39289-0385, and must reach these offices by the cited expiration date.

Law Requiring a Permit: Section 404 of the Clean Water Act (33 U.S.C. 1344), which applies to discharges of dredged or fill material into waters of the United States.

Name of Applicant:
Mr. Terry Thomas
410 Woodhaven Drive
Carthage, Mississippi 39051

Location of Work: Section 36, T13N-R8E & section 1, T12N-R8E, within the Yockanookany River drainage basin, Leake and Attala Counties, Mississippi.

Description of Work: (See enclosed map and drawings.)

The following description of the proposed project and associated impacts are based upon information provided by the applicant.

The applicant is applying for a Department of the Army permit for the discharge of dredged and/or fill material associated with creating a recreational pond.

The applicant proposes to create an 11.5-acre pond by constructing a levee approximately 700 feet long. The levee would be 19 feet high with a 2.5:1 front slope and a 4:1 back slope. The top of the levee would be 12 feet wide and the

base of the levee would be 135.5 feet wide. Once filled, the water level would remain constant at approximately 17 feet deep. An emergency spillway, 2 feet deep, 20 to 24 feet wide and 16 feet long would run from the front to the back of the levee. Soils from an onsite source would be used to construct the proposed levee.

Approximately 1,295 linear feet of an ephemeral stream and approximately 445 linear feet of an intermittent stream would be impacted by the proposed project. Approximately 14,635 cubic yards of fill material obtained from a source on the east side of the property would be used for this proposed project. The applicant proposes to mitigate by pursuing permittee responsible mitigation.

The dominant soil types present on the proposed project site are Smithdale-Sweatman complex, 5 to 15 percent slopes, eroded and Mantachie fine sandy loam, occasionally flooded. The drainage class for Smithdale Sweatman complex is well drained. The drainage class for Mantachie fine sandy loam is somewhat poorly drained. Vegetation found on the proposed project site consists of Water oak, Sweet gum, Chinese privet, Green briar, Dewberry, and Cane.

The placement of dredged and/or fill material in waters, including wetlands, of the United States, requires a Department of the Army Permit.

Upon reviewing this notice, you should write to this office to provide your opinion of the impacts this work will have on the natural and human environment, and address any mitigation you believe is necessary to offset these impacts. Other comments are welcome, but the above information will further our review of the applicant's plan, as proposed. Comments of a general nature are not as helpful as those specific to the impacts of the subject project.

State Water Quality Permit: The State Pollution Control Agency must certify that the described work will comply with the State's water quality standards and effluent limitations before a Corps permit is issued.

Cultural Resources: The Regulatory Archeologist has reviewed the latest published version of the National Register of Historic Places, lists of properties determined eligible, and other sources of information. The following is current knowledge of the presence or absence of historic properties and the effects of the proposed undertaking upon these properties: The proposed work and/or structures are of such limited nature and scope that little likelihood exists for the proposed project to impinge upon a historic property, even if present within the affected area. Copies of this public notice have been sent to the State Historic Preservation Officer, Federally Recognized Tribes, and other interested parties for comment on potential effects to historic properties that could result from the proposed activity.

Endangered Species: Our initial finding is that the proposed work would not likely adversely affect any endangered species or their critical habitat. This proposal is being coordinated with the U.S. Fish and Wildlife Service, and any comments regarding endangered species or their critical habitat will be addressed in our evaluation of the described work.

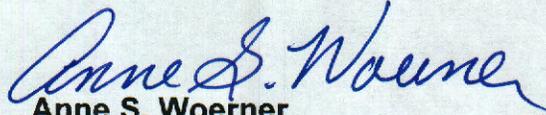
Flood Plain: In accordance with 44 CFR Part 60 (Flood Plain Management and Use), participating communities are required to review all proposed development to determine if a flood plain development permit is required. Flood plain administrators should review the proposed development described in this public notice and apprise this office of any flood plain development permit requirements.

Evaluation Factors: The decision whether or not to issue a permit will be based upon an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which may be expected to accrue from the proposal must be balanced against its expected adverse effects. All factors which may be relevant to the proposal will be considered; among these are conservation, economics, aesthetics, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use classification, navigation, recreation, water supply, water quality, energy needs, safety, food requirements and, in general, the needs and welfare of the people. Evaluation of the proposed activity will include application of the guidelines published by the Environmental Protection Agency under authority of Section 404(b) of the Clean Water Act.

Public Involvement: The purpose of this notice is to solicit comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties. These comments will be used to evaluate the impacts of this project. All comments will be considered and used to help determine whether to issue the permit, deny the permit, or issue the permit with conditions, and to help us determine the amount and type of mitigation necessary. This information will be used in our Environmental Assessment or Impact Statement. Comments are also used to determine the need for a public hearing.

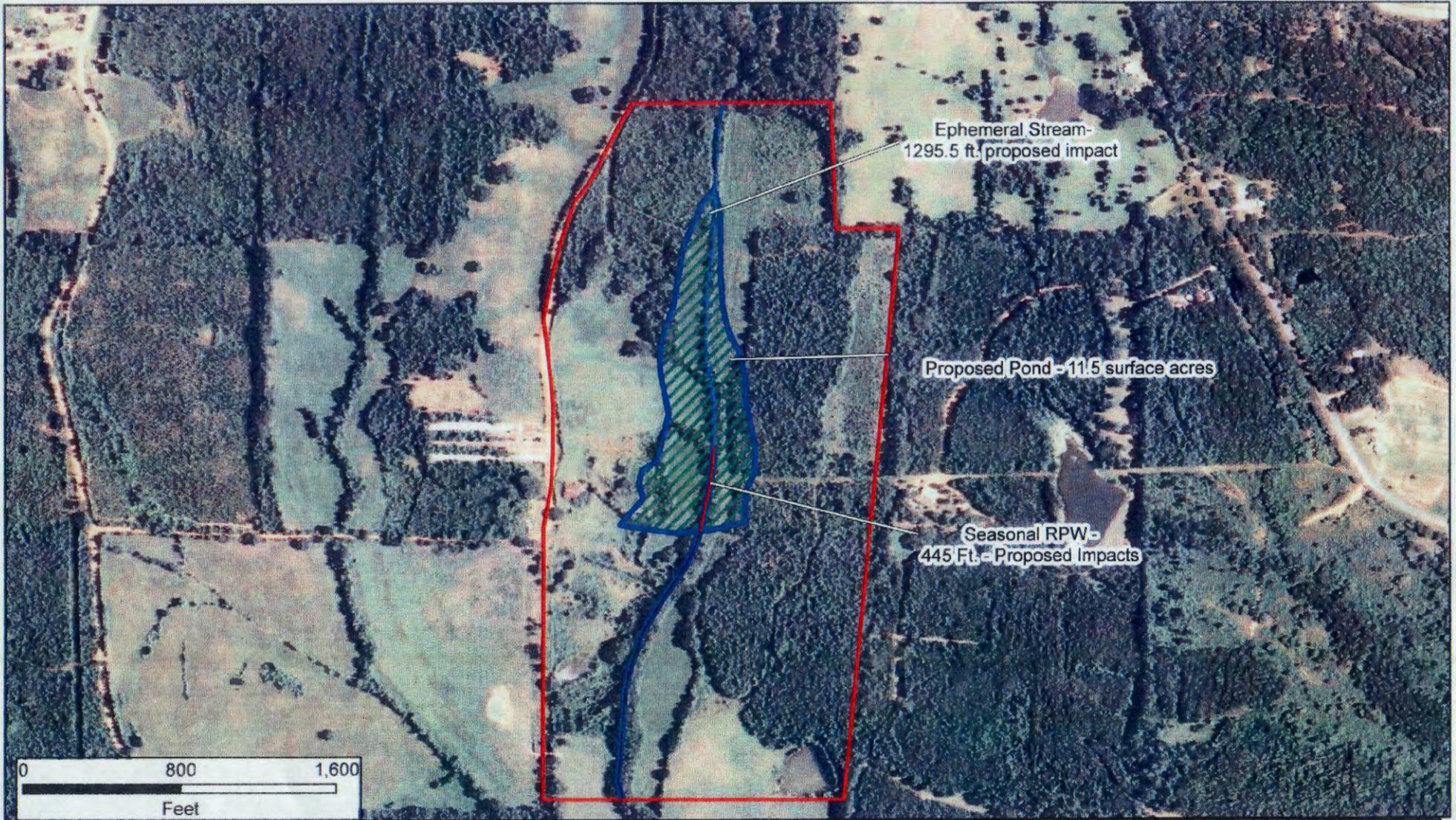
Opportunity for a Public Hearing: Any person may make a written request for a public hearing to consider this permit application. This request must be submitted by the public notice expiration date and must clearly state why a hearing is necessary. Failure of any agency or individual to comment on this notice will be interpreted to mean that there is no objection to the proposed work. Please bring this announcement to the attention of anyone you know who might be interested in this matter.

Notification of Final Permit Actions: Each month, the final permit actions from the receding month are published on the Vicksburg District Regulatory web page. To access this information, you may follow the link from the Regulatory web page, <http://www.mvk.usace.army.mil/offices/od/odf/main.asp>, or go directly to the Final Permit Actions web page at <http://www.mvk.usace.army.mil/offices/od/odf/PubNotice/MonthlyNotice/pnmain.asp>.



Anne S. Woerner
Chief, Evaluation Section
Regulatory Branch

MVK-2013-1088



Legend

- Potential Other Waters of the U.S.
- Property Boundary
- Proposed Pond

Enclosure 1

January 17, 2013
MVK-2013-1088

Terry G. Thomas
Pond Construction
Leake & Attala
Counties, Mississippi

Preliminary
Jurisdictional Determination
Aerial Imagery: NAIP 2012
Map By: Bert Turcotte



US Army Corps
of Engineers



Regulatory
Branch
Enforcement
Section

Client : Terry Thomas
 TBM El. 100.0
 TBM Location
 Top of Dam El. 102.0
 U/S Sideslope 2.5 :1
 D/S Sideslope 4.0 :1
 Top Width 12 ft
 E/S El. 100.0
 E/S Width 20 ft
 Waterline El. 99.0
 Pipe Size 6 in.
 Pipe Outlet El. 83.0
 Drainage Area

Terry Thomas

County : Leake

Material quantity estimate for proposed pond

Tract No. 0
 Farm No. 0
 Section 0
 Township 0
 Range 0

GPS Coordinates of Site
 N 0' .0"
 W 0' .0"

% Settlement 5%
 RR TBM
 HI 100.0

Station	Ground Elev.	Settled Fill Height	Const. Fill Height	Base Width	End Area	segment volume
1	0+00	100.0	2.0	2.1	25.0	37.00
2	0+50	95.0	7.0	7.4	57.5	243.25
3	1+00	91.0	11.0	11.6	83.5	525.25
4	1+50	89.0	13.0	13.7	96.5	705.25
5	2+00	86.0	16.0	16.8	116.0	1024.00
6	2+50	83.0	19.0	20.0	135.5	1401.25
7	3+00	85.0	17.0	17.9	122.5	1143.25
8	3+50	87.0	15.0	15.8	109.5	911.25
9	4+00	88.0	14.0	14.7	103.0	805.00
10	5+00	95.0	7.0	7.4	57.5	243.25
11	6+00	98.0	4.0	4.2	38.0	100.00
12	7+00	100.0	2.0	2.1	25.0	37.00
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700' levee

Max. Fill Height : 19.0 ft Min. top width 10 ft
 Earthfill Volume (does not include settlement, stripping or keyway)

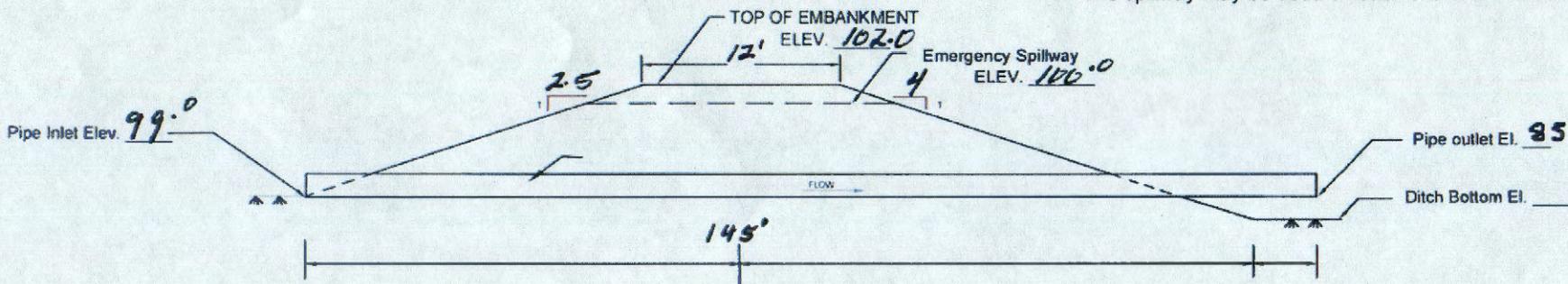
395150 cf
14,635 cy

*For Reference only
 Not for construction use.*

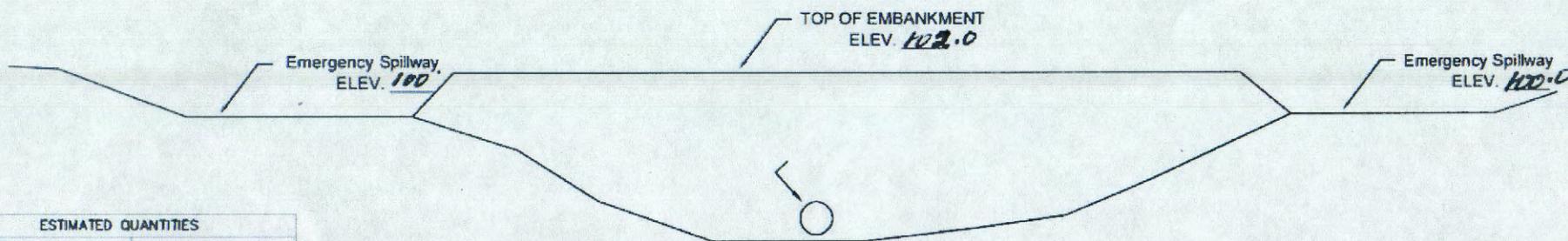
CEMVK-OD-FE RVH-MVK-2013-1088

TERRY G. THOMAS

Note: The emergency spillway width shall total 20' ft.
The spillway may be used on each end of the levee.



SECTION ALONG CENTERLINE OF PIPES



FRONT VIEW

ESTIMATED QUANTITIES	
ITEM	QUANTITY
EARTHFILL *	--- CY
EXCAVATION	--- CY
C.M. Pipe	
Plastic pipe	LF.
VEGETATION	AC.

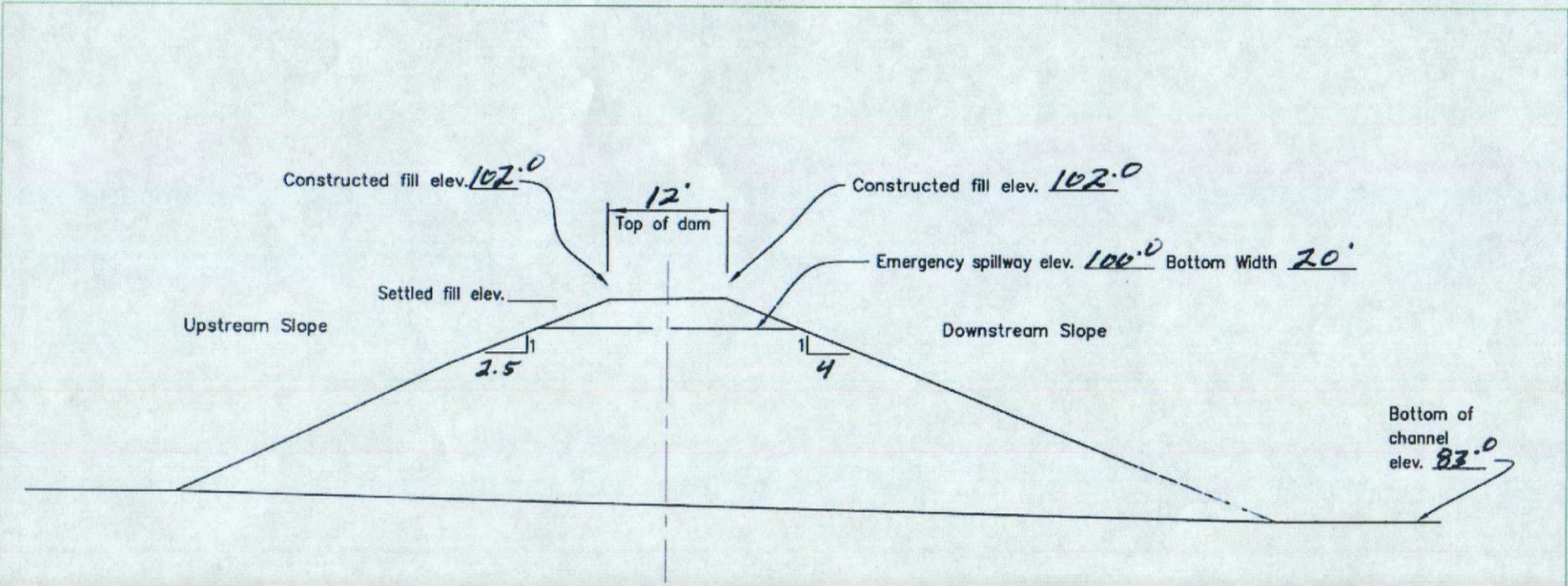
* Based on original ground surface.
Excludes settlement, stripping, keyway.

*For Reference Only
Not for construction purposes
Elevation have been interpolated
4-9-14*

Terry G. Thomas

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PIPE STRUCTURE	
U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	
Designed	Date
Drawn	Scale
Checked	Checked by
Checked	Checked by



ESTIMATED QUANTITIES	
ITEM	QUANTITY
EARTHFILL *	
EXCAVATION	
VEGETATION	

* Based on original ground surface.
Excludes settlement, stripping, keyway.
Settlement approximately 10%

For Reference Only
Not For Construction Purposes
Elevations have been Interpolated
4-9-14

Terry G. Thomas

CEMVK-OD-FE RVH-MVK-2013-1088

TERRY G. THOMAS

PRINCIPAL SPILLWAY SECTION			
U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE			
Designed	Date	Approved by	
Drawn		Site	
Checked		Drawn	
Reviewed		Checked	