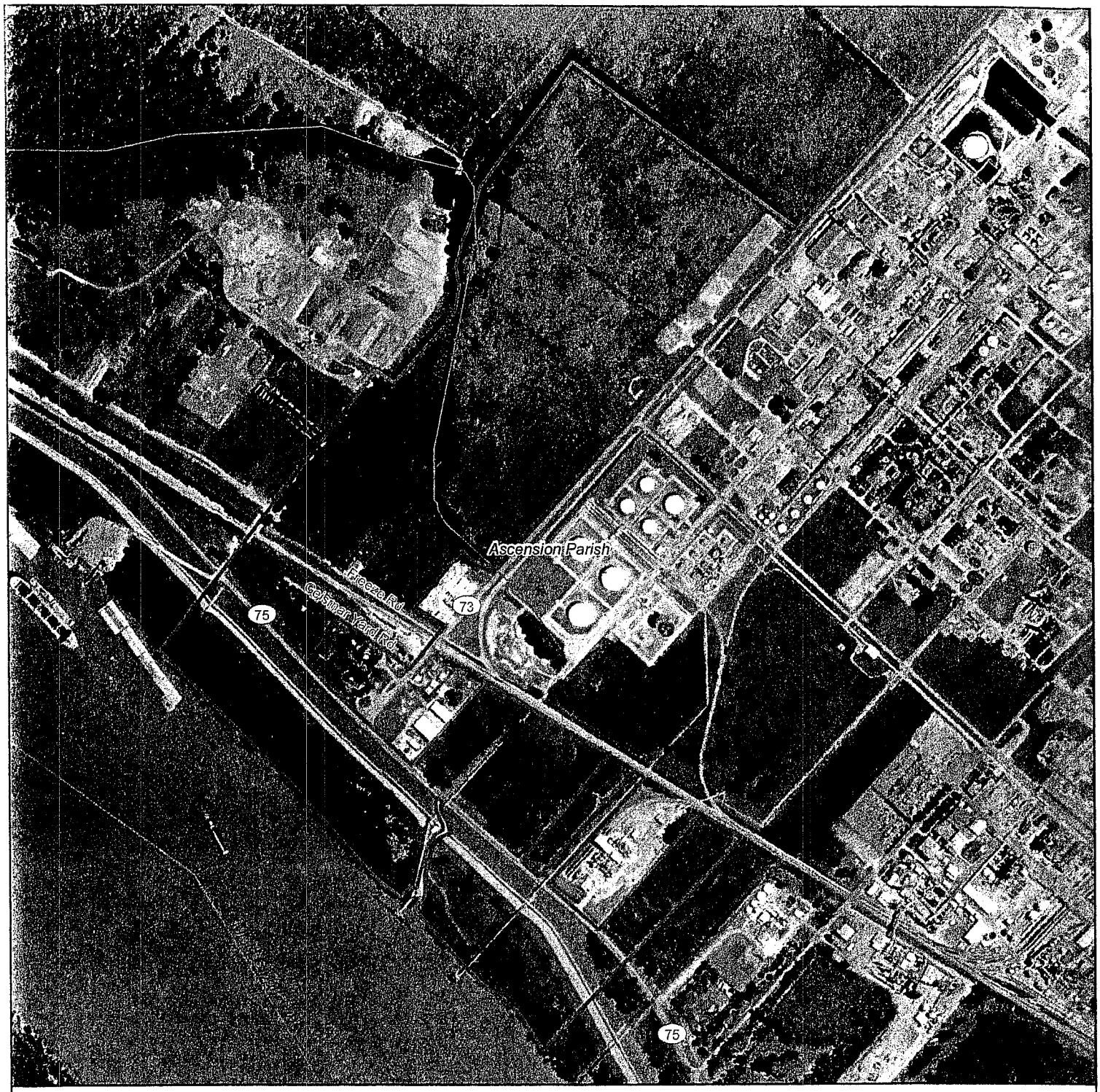
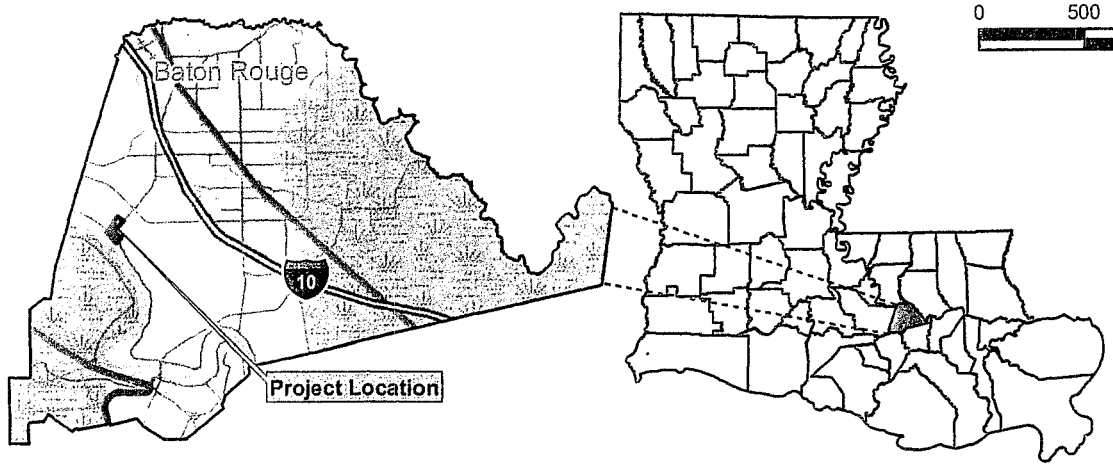




0 500 1,000 2,000 Feet

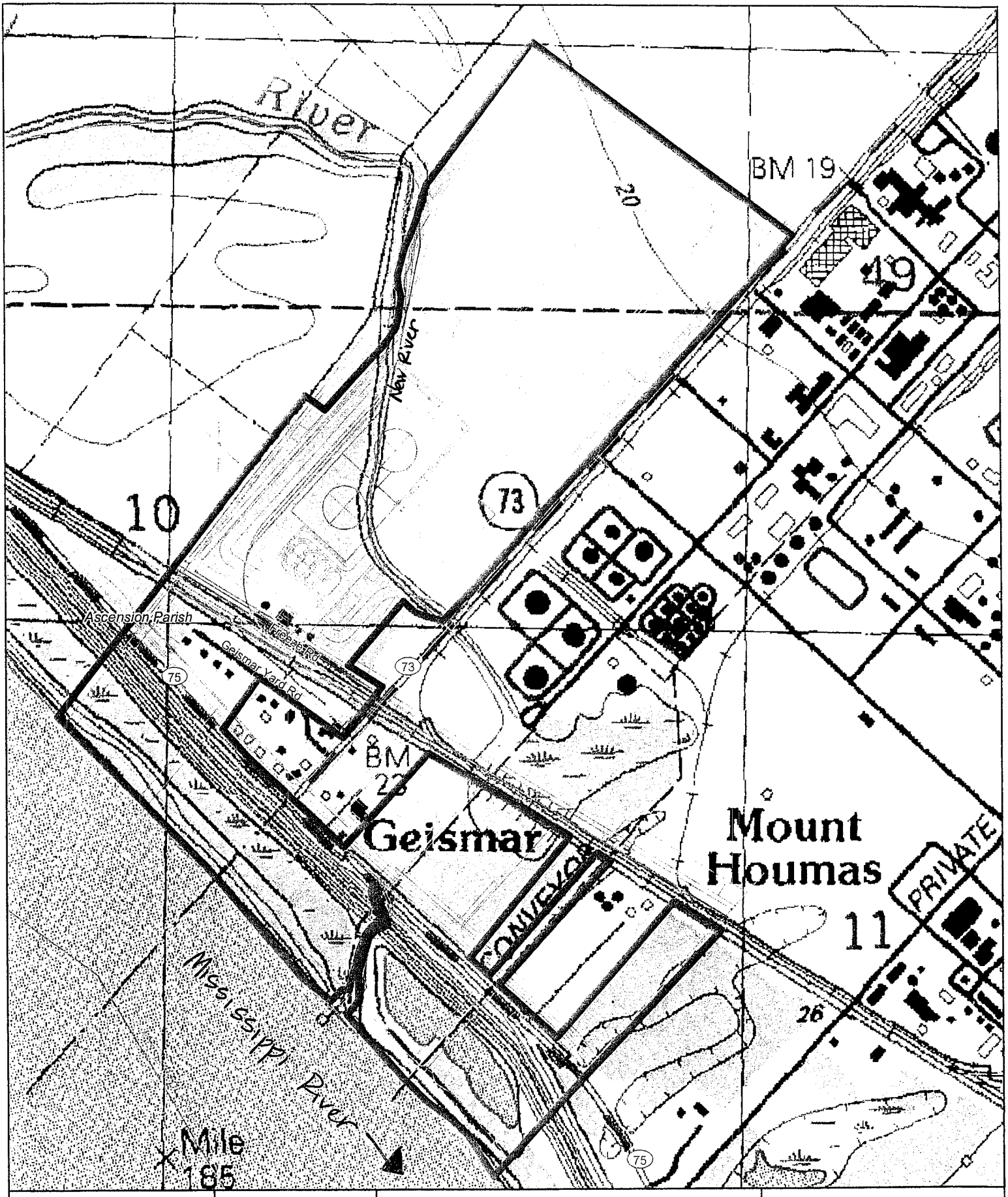
N
W E
S

Exhibit 1:
Project Location Map

Methanex USA

Ascension Parish, LA

SHEET 1 of 15



Methanex
Vicinity Map

Exhibit 2:
USGS Map

Legend

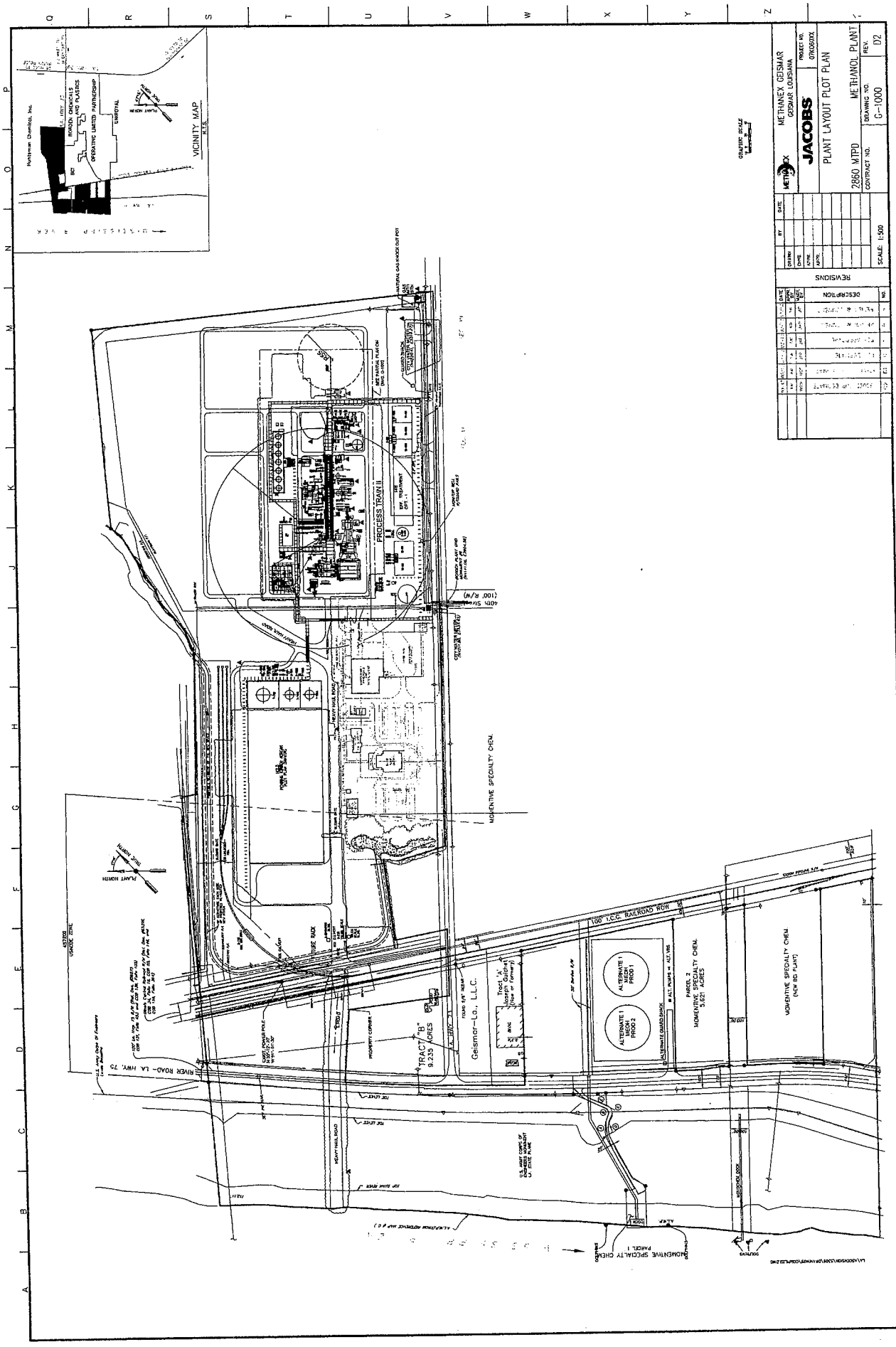
Property Boundary

Proposed Plant Layout

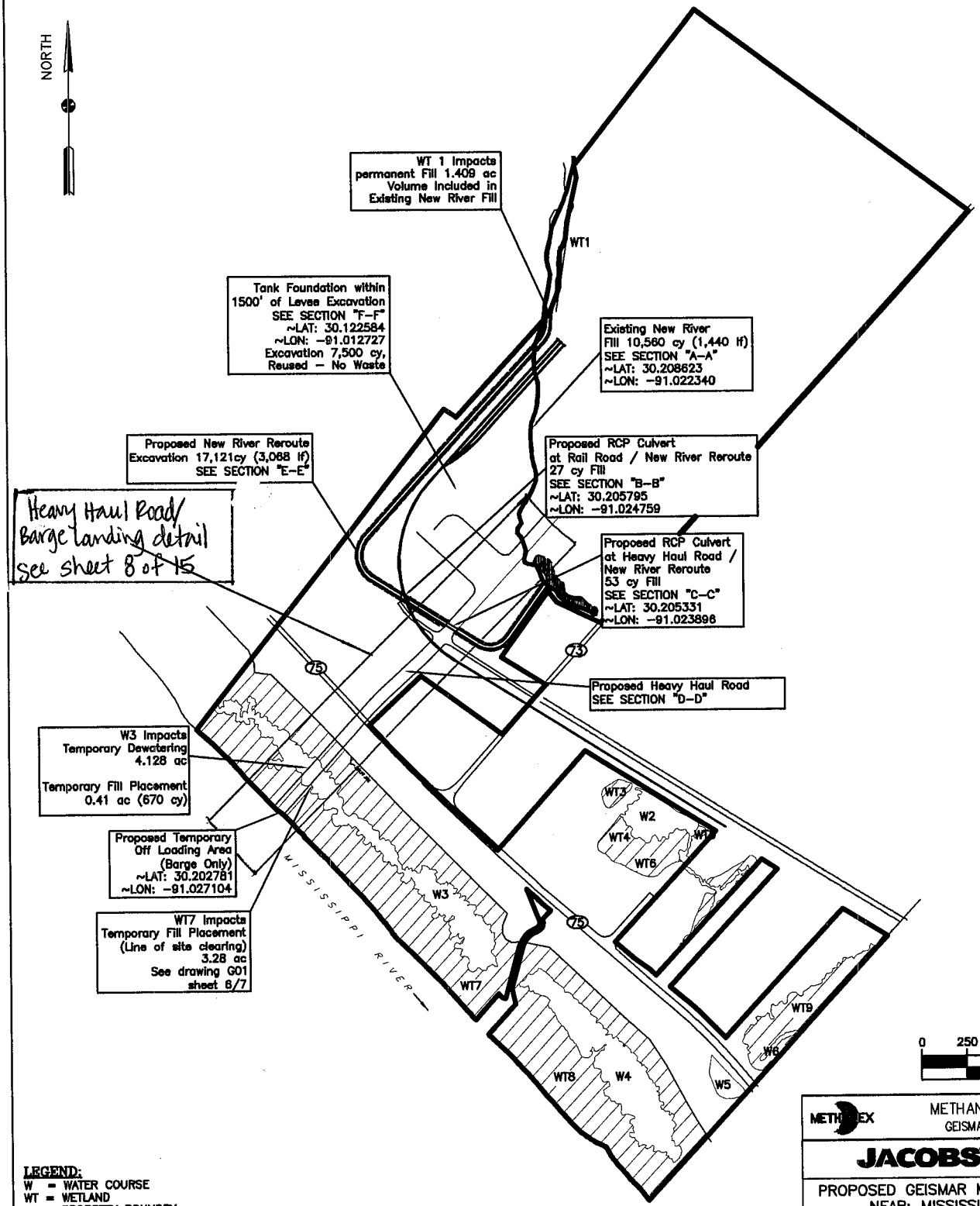
N
W E
S

0 250 500 1,000
Feet

SHEET 1 of 15


METHANEX GEISMAR
GEISMAR LOUISIANA
JACOBS
PLANT LAYOUT PLOT PLAN
2860 MTPD METHANOL PLANT
CONTRACT NO.
DRAWING NO. C-1000
REV. D2
SCALE: 1:500
REVISIONS
DESCRIPTION
VICINITY MAP
PROCESS TRAIN II
MOMENTIVE SPECIALTY CHEM.
TRACT "B" 9.235 ACRES
Geismar-La., L.L.C.
Tract 'A' Joseph Guichet (Now or Formerly)
PARCEL 2 MOMENTIVE SPECIALTY CHEM. 5.621 ACRES
MOMENTIVE SPECIALTY CHEM. (NEW BIG PLANT)
ALTERNATE I RESH PROD 1
ALTERNATE I RESH PROD 2
100' I.C.C. RAILROAD ROW
RIVER ROAD - LA. HWY. 75
PLANT NORTH
TRUE NORTH
PARCEL 1

SHEET 3 of 15



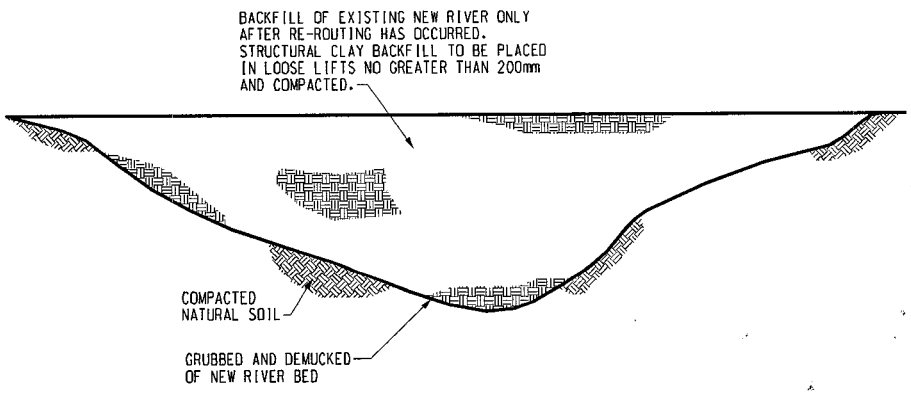
PLAN VIEW DRAWING

LEGEND:
W = WATER COURSE
WT = WETLAND
PROPERTY BOUNDRY

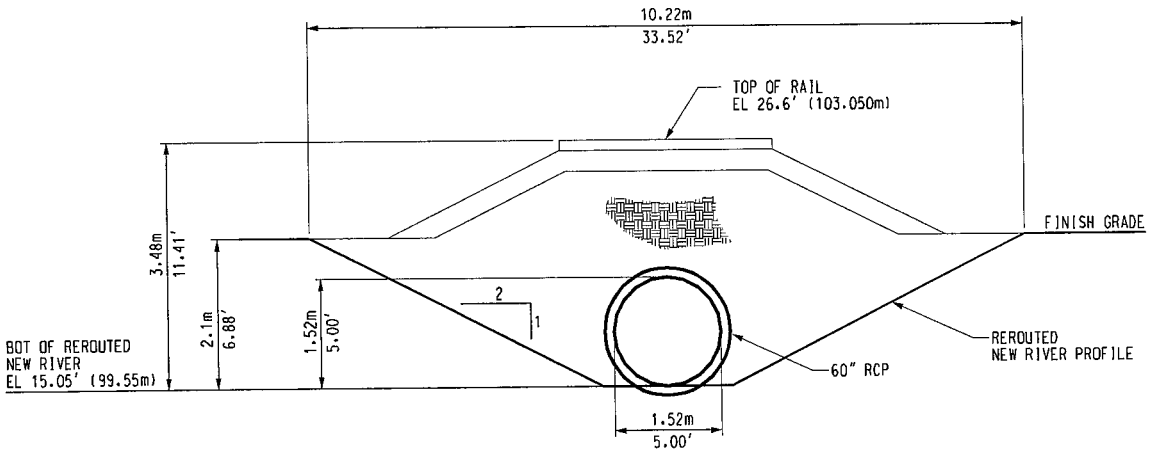
KEY:
WETLANDS NOT IMPACTED BY THE PROJECT INCLUDE WT-3, WT-4 WT-5, WT-6, WT-8 & WT-9
WATER COURSES NOT IMPACTED INCLUDE: W-2, W-4, W-5 & W-6

METHANEX	METHANEX GEISMAR GEISMAR LOUISIANA
JACOBS	PROJECT NO. 070K60
PROPOSED GEISMAR METHANOL PLANT NEAR: MISSISSIPPI RIVER PARISH OF ASCENSION PARISH STATE: LOUISIANA	
DATE 01/02/13	DRAWING NO. 1 OF 4
REV. C	

Revd 1/14/13

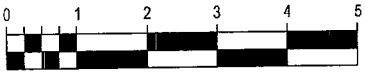


SECTION A-A
RIVER SECTION



SECTION B-B
R/R CROSSING

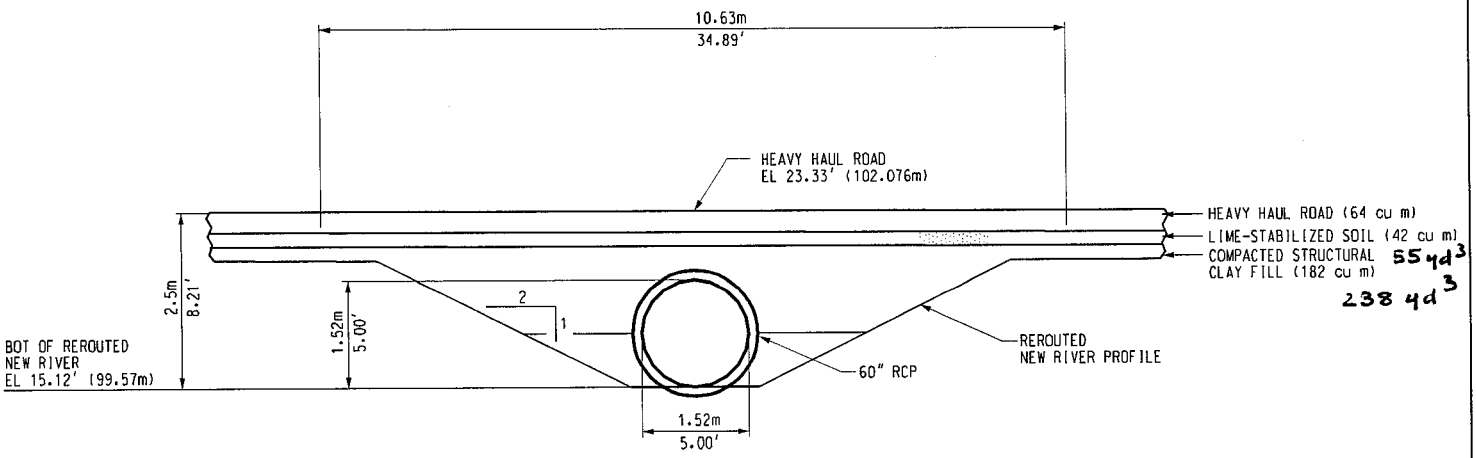
GRAPHIC SCALE IN FEET



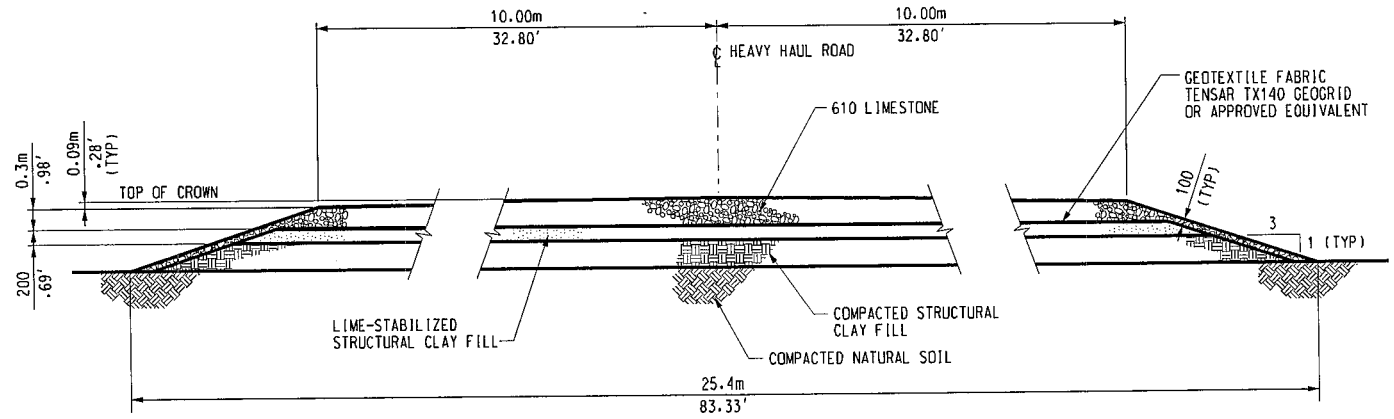
GRAPHIC SCALE IN METERS

SHEET 5 of 15

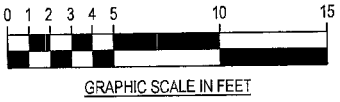
METHANEX	METHANEX GEISMAR GEISMAR LOUISIANA	
JACOBS		PROJECT NO. 070K60
PROPOSED GEISMAR METHANOL PLANT NEAR: MISSISSIPPI RIVER PARISH OF ASCENSION STATE: LOUISIANA		
DATE 11/28/12	DRAWING NO. 2 OF 4	REV. B



SECTION C-C
HEAVY HAUL ROAD



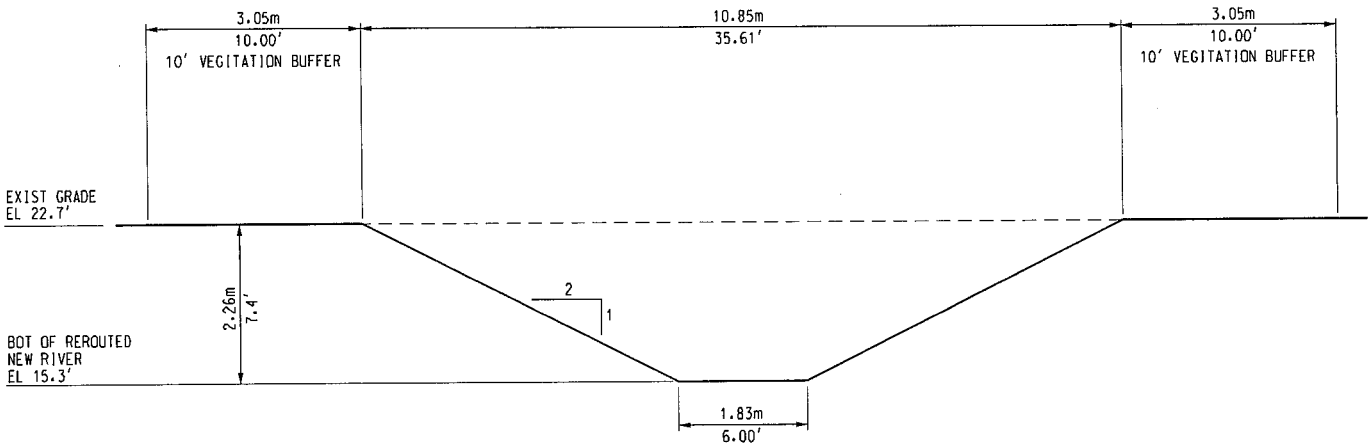
SECTION D-D
HEAVY HAUL ROAD



GRAPHIC SCALE IN FEET

GRAPHIC SCALE IN METERS

METHANEX GEISMAR GEISMAR LOUISIANA		
JACOBS		PROJECT NO. 070K60
PROPOSED GEISMAR METHANOL PLANT NEAR: MISSISSIPPI RIVER PARISH OF ASCENSION STATE: LOUISIANA		
DATE 11/28/12	DRAWING NO. 3 OF 4	REV. B



SECTION E-E

REROUTED NEW RIVER SECTION

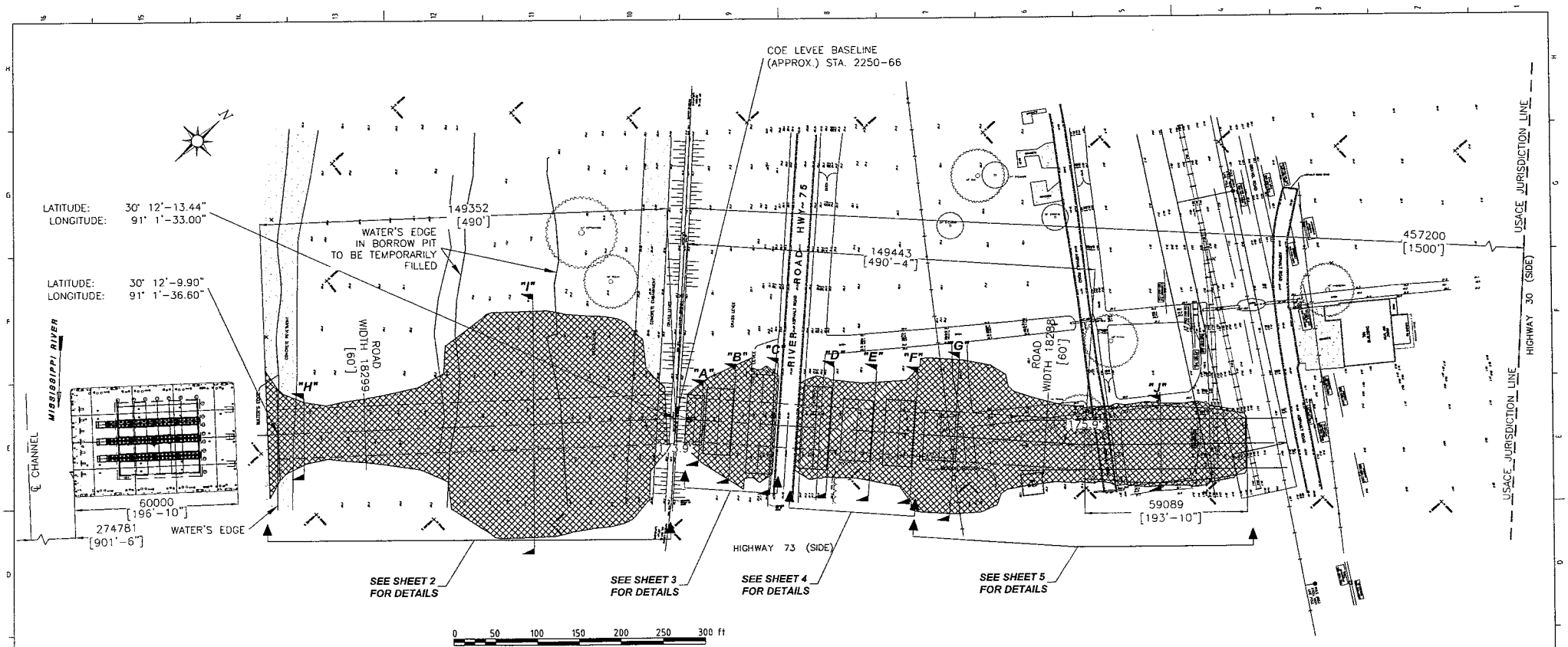
NEW RIVER RESTORATION PLAN

- GRASS WILL BE PLANTED 10' ON EITHER SIDES OF THE RIVER BANKS
- NATIVE TREES OR SHRUBS WILL BE PLANTED ON THE BANKS WHERE FEASABLE AND SPACED BETWEEN 9' AND 13'

GRAPHIC SCALE IN FEET

GRAPHIC SCALE IN METERS

METHANEX	METHANEX GEISMAR GEISMAR LOUISIANA	
JACOBS		PROJECT NO. 070K60
PROPOSED GEISMAR METHANOL PLANT NEAR: MISSISSIPPI RIVER PARISH OF ASCENSION STATE: LOUISIANA		
DATE 11/28/12	DRAWING NO. 4 OF 4	REV. B



TOTAL FILL REQUIRED

FILL MATERIAL / VOLUMES	
-610 LIMESTONE	= 25,950 YD³ **
-SAND	= 18,260 YD³ ***
-CLAY	= 19,940 YD³ ***
-RIPRAP	= 500 YD³

***"NEAT (COMPACT)" VOLUME MULTIPLIED BY 2.0*
****"NEAT (COMPACT)" VOLUME MULTIPLIED BY 1.6*

GENERAL NOTES

1	GBP SHOWN BASED ON AVERAGE LINE LOADS OF REFORMER TRANSPORT, UNLESS NOTED OTHERWISE
2	BRIDGE AND HEAVY HAUL RD DESIGN BASED ON TRANSPORT WIDTH OF 50'
3	BRIDGE AND HEAVY HAUL RD SLOPE TRANSITIONS BASED ON 30 LINE SPMT (130')
4	ONE LAYER OF UNIAXIAL GEOGRID (TENSAR UX 1500 HS) TO BE USED AT GRADE UNDER ALL BRIDGE BENTS
5	ONE LAYER OF UNIAXIAL GEOGRID AND FILTER FABRIC TO BE USED AT BASE OF BORROW PIT
6	EQUIPMENT PRELIMINARY AND SUBJECT TO CHANGE
7	CLIENT TO VERIFY NO INTERFERENCES WITH LAYOUT
8	FILL VOLUMES BASED ON LOOSE / DRY MATERIAL / VOLUMES PRELIMINARY AND SUBJECT TO CHANGE
9	RIP RAP ROCK TO BE ADDED ON RIVER'S EDGE TO PREVENT WASH

REV.	DESCRIPTION:	DATE:	DRAWN:	CHECKED:
04	Add Dimension from Channel CL to Barge	1/03/12	ERam 940325	JLaw 940062
03	Reformer Weight Dropped / COG Updated	12/07/12	ERam 940325	JLaw 940062
02	Update Title Block	11/27/12	ERam 940325	JLaw 940062
01	General Revision	11/26/12	ERam 940325	JLaw 940062
00	For Information	11/16/12	ERam 940325	JLaw 940062

Without authorized signatures this document is uncontrolled, not binding and for indicative purposes only.

CLIENT: **JACOBS**

PROJECT: **PROPOSED GEISMAR METHANOL PLANT**

TITLE: **BRIDGE AND HEAVY HAUL RD NEAR MISSISSIPPI RIVER MILE MARKER 185 ASCENSION PARISH - GEISMAR, LA**

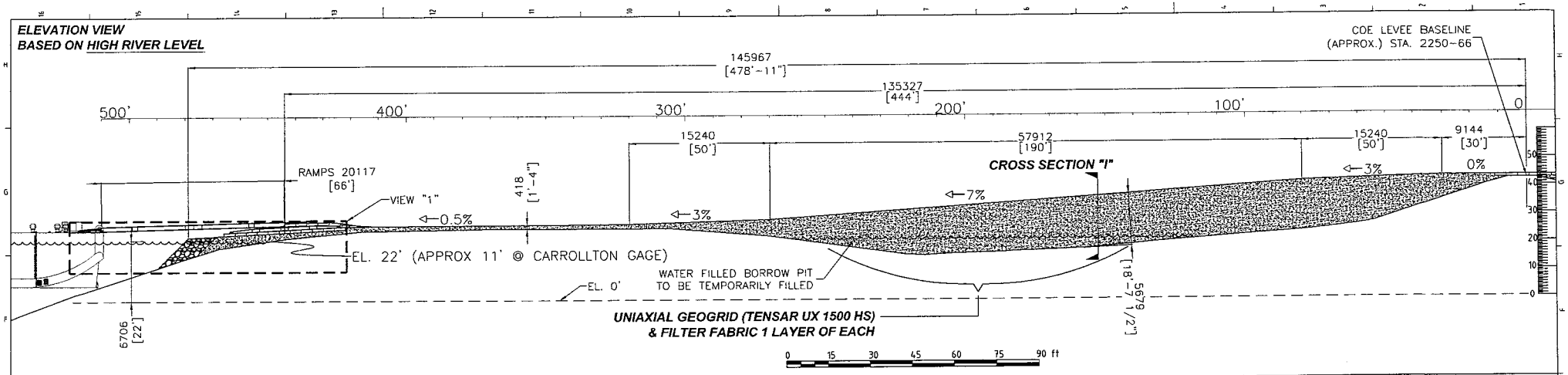
MAMMOET USA
20525 FM 521, Rosharon, TX 77583
Tel. +1 (281) 369-2200 / Fax. +1 (281) 369-2178
www.mammoet.com

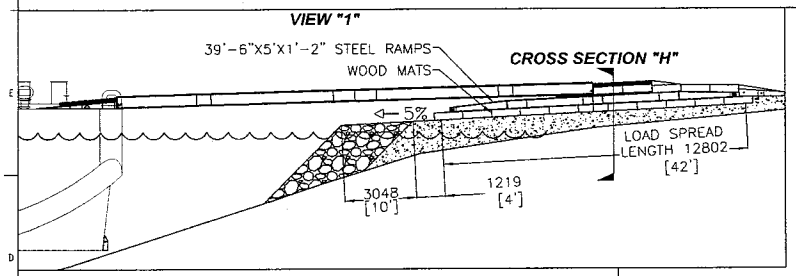
[CDSP-02-01-01]

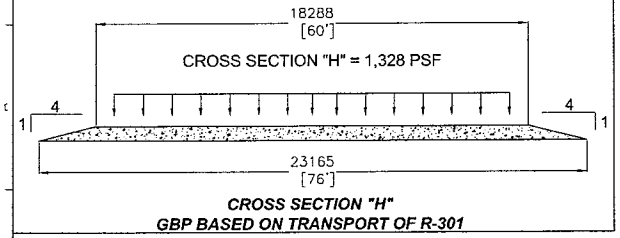
SCALE: NTS	SIZE: D	DRAWING NUMBER

SAP No:	PROJECT No:	SUB:	DOC:	PART:	SHT.	REV.
7000094530	0010065265	-P033	- D -	G01	- 1/7	-04

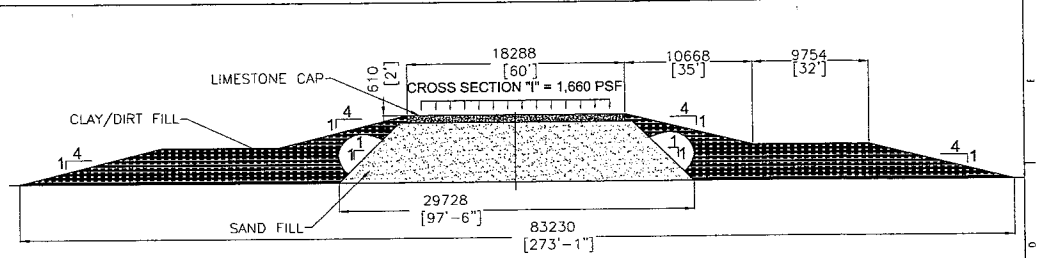
1/7/13







CROSS SECTION "H"
GBP BASED ON TRANSPORT OF R-301



CROSS SECTION "I"
GBP BASED ON WORST CASE
TRANSPORT TRAILER FOR REFORMER

BATTURE

FILL MATERIAL / VOLUMES	
-610 LIMESTONE	= 4,100 YD³ **
-SAND	= 18,260 YD³ ***
-CLAY	= 19,940 YD³ ***
-RIPRAP	= 500 YD³

* SEE SHEET 1 FOR TOTAL FILL REQUIRED
** "NEAT (COMPACT)" VOLUME MULTIPLIED BY 2.0
*** "NEAT (COMPACT)" VOLUME MULTIPLIED BY 1.6

LEGEND

- -610 LIMESTONE
- -SAND
- -CLAY / DIRT
- -RIP RAP ROCK

GENERAL NOTES

1	GBP SHOWN BASED ON AVERAGE LINE LOADS OF REFORMER TRANSPORT, UNLESS NOTED OTHERWISE
2	BRIDGE AND HEAVY HAUL RD DESIGN BASED ON TRANSPORT WIDTH OF 50'
3	BRIDGE AND HEAVY HAUL RD SLOPE TRANSITIONS BASED ON 30 LINE SPMT (130')
4	ONE LAYER OF UNIAXIAL GEOGRID (TENSAR UX 1500 HS) TO BE USED AT GRADE UNDER ALL BRIDGE BENTS
5	ONE LAYER OF UNIAXIAL GEOGRID AND FILTER FABRIC TO BE USED AT BASE OF BORROW PIT
6	EQUIPMENT PRELIMINARY AND SUBJECT TO CHANGE
7	CLIENT TO VERIFY NO INTERFERENCES WITH LAYOUT
8	FILL VOLUMES BASED ON LOOSE / DRY MATERIAL / VOLUMES PRELIMINARY AND SUBJECT TO CHANGE
9	RIP RAP ROCK TO BE ADDED ON RIVER'S EDGE TO PREVENT WASH

REV.	DESCRIPTION:	DATE:	DRAWN:	CHECKED:
04	Add Dimension from Channel CL to Barge	1/03/12	ERam 940325	JLaw 940063
03	Reformer Weight Dropped / COG Updated	12/07/12	ERam 940325	JLaw 940063
02	Update Title Block	11/27/12	ERam 940325	JLaw 940063
01	General Revision	11/26/12	ERam 940325	JLaw 940063
00	For Information	11/16/12	ERam 940325	JLaw 940063

Without authorized signatures this document is uncontrolled, not binding and for indicative purposes only.

CLIENT: JACOBS

PROJECT: PROPOSED GEISMAR METHANOL PLANT

TITLE: BRIDGE AND HEAVY HAUL RD
NEAR MISSISSIPPI RIVER MILE MARKER 185
ASCENSION PARISH - GEISMAR, LA

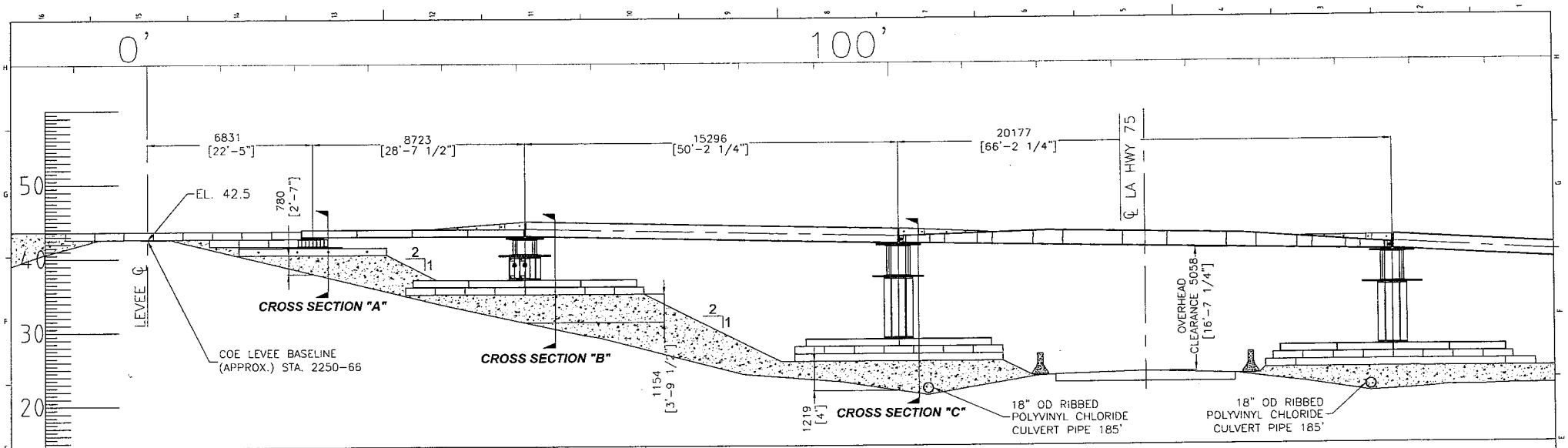
MAMMOET
MAMMOET USA
20525 FM 521, Rosharon, TX 77583
Tel. +1 (281) 369-2200 / Fax. +1 (281) 369-2176
www.mammoet.com

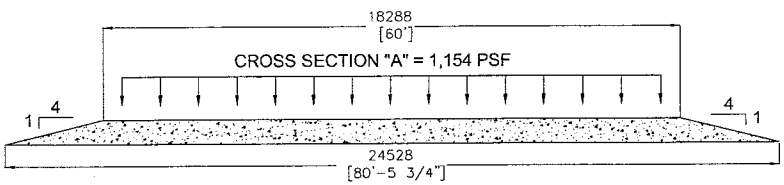
SCALE: NTS | SIZE: D | DRAWING NUMBER

SAP No: 7000094530 | PROJECT No: 0010065265 | SUB: | DOC: | PART: P033 | SHT: D | REV: G01 - 2/7 - 04

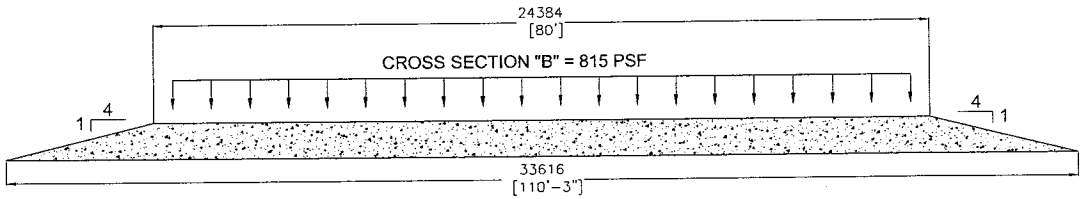
SHEET 9 of 15

1/7/13

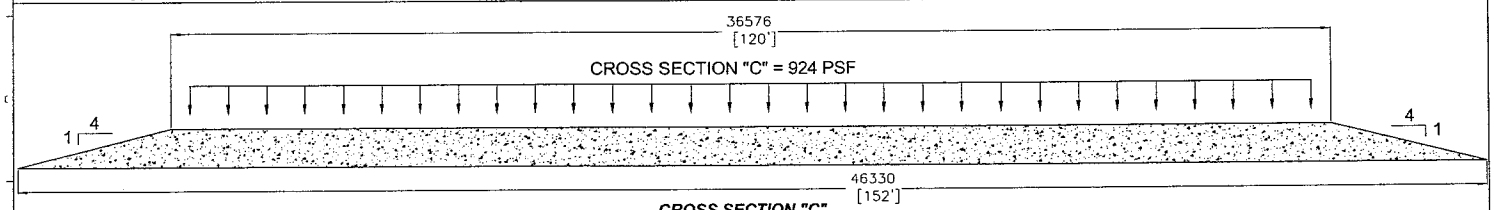




CROSS SECTION "A"
GBP BASED ON WORST CASE TRANSPORT TRAILER FOR REFORMER



CROSS SECTION "B"



CROSS SECTION "C"

LEVEE SLOPE

FILL MATERIAL / VOLUMES
-610 LIMESTONE = 3,150 YD³ **

* SEE SHEET 1 FOR TOTAL FILL REQUIRED
** "NEAT (COMPACT)" VOLUME MULTIPLIED BY 2.0

LEGEND
- -610 LIMESTONE
- -SAND
- -CLAY / DIRT
- -RIP RAP ROCK

GENERAL NOTES

1	GBP SHOWN BASED ON AVERAGE LINE LOADS OF REFORMER TRANSPORT, UNLESS NOTED OTHERWISE
2	BRIDGE AND HEAVY HAUL RD DESIGN BASED ON TRANSPORT WIDTH OF 50'
3	BRIDGE AND HEAVY HAUL RD SLOPE TRANSITIONS BASED ON 30 LINE SPMT (130')
4	ONE LAYER OF UNIAXIAL GEOGRID (TENSAR UX 1500 HS) TO BE USED AT GRADE UNDER ALL BRIDGE BENTS
5	ONE LAYER OF UNIAXIAL GEOGRID AND FILTER FABRIC TO BE USED AT BASE OF BORROW PIT
6	EQUIPMENT PRELIMINARY AND SUBJECT TO CHANGE
7	CLIENT TO VERIFY NO INTERFERENCES WITH LAYOUT
8	FILL VOLUMES BASED ON LOOSE / DRY MATERIAL / VOLUMES PRELIMINARY AND SUBJECT TO CHANGE
9	RIP RAP ROCK TO BE ADDED ON RIVER'S EDGE TO PREVENT WASH

REV.	DESCRIPTION:	DATE:	DRAWN:	CHECKED:
04	Add Dimension from Channel CL to Barge	1/03/12	ERam 940325	JLaw 940063
03	Reformer Weight Dropped / COG Updated	12/07/12	ERam 940325	JLaw 940063
02	Update Title Block	11/27/12	ERam 940325	JLaw 940063
01	General Revision	11/26/12	ERam 940325	JLaw 940063
00	For Information	11/16/12	ERam 940325	JLaw 940063

Without authorized signatures this document is uncontrolled, not binding and for indicative purposes only.

CLIENT: **JACOBS**

PROJECT: **PROPOSED GEISMAR METHANOL PLANT**

TITLE: **BRIDGE AND HEAVY HAUL RD**
NEAR MISSISSIPPI RIVER MILE MARKER 185
ASCENSION PARISH - GEISMAR, LA

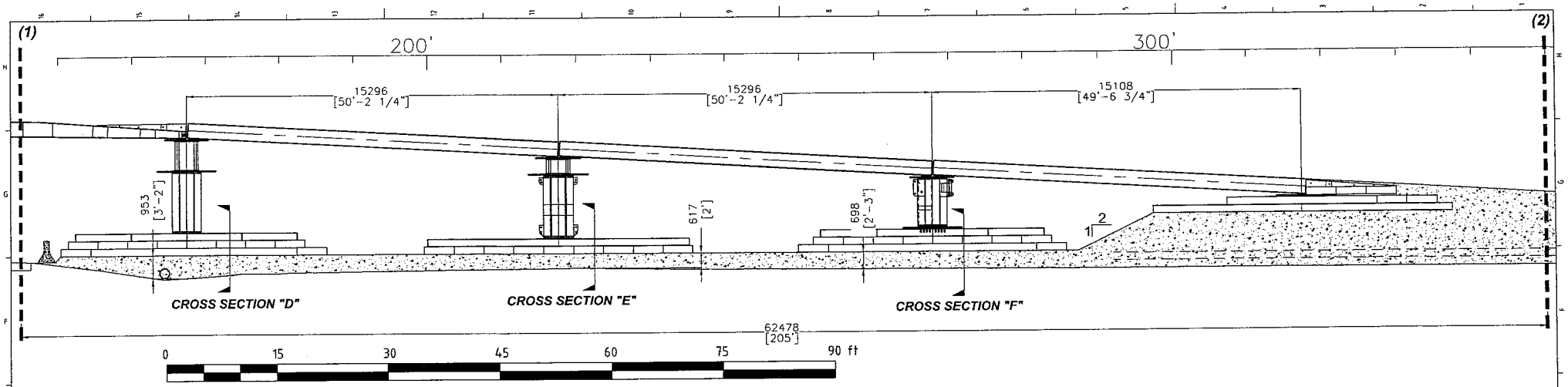
MAMMOET
MAMMOET USA
26525 I-10 S.I., Boerne, TX 77583
Tel. +1 (281) 369-2900 / Fax. +1 (281) 369-2178
www.mammoet.com

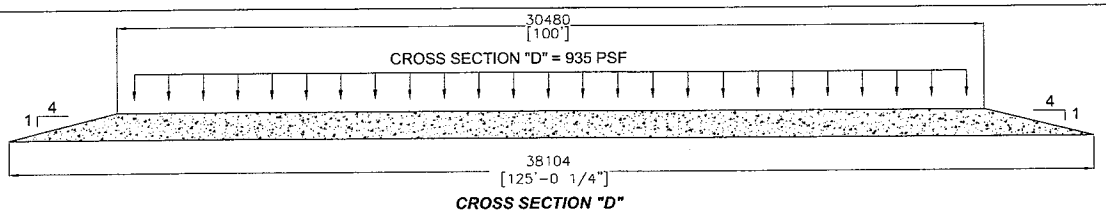
[CDSP-02-01-01]

SCALE: NTS	SIZE: D	DRAWING NUMBER
SAP No: 7000094530	PROJECT No: 0010065265	SUB: P033 - DOC: D - PART: G01 - SHT: 3/7 - REV: 04

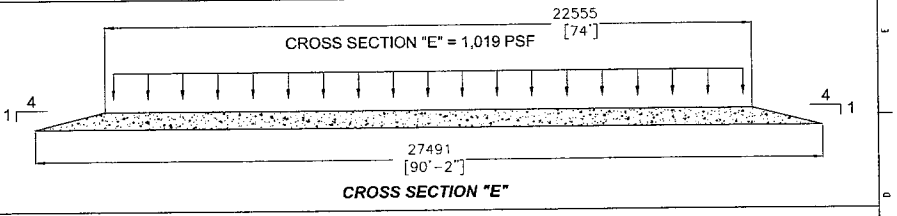
SHEET 10 of 15

1/7/13

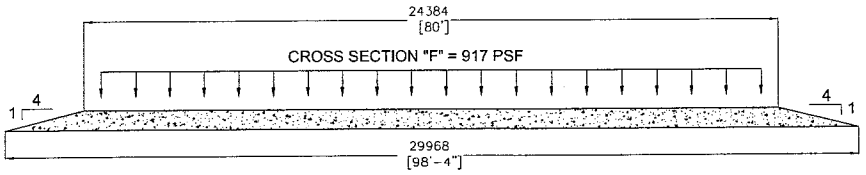




CROSS SECTION "D"



CROSS SECTION "E"



CROSS SECTION "F"

NORTH OF HWY 75 (MATCH LINE 1 & 2)

FILL MATERIAL / VOLUMES

-610 LIMESTONE = 9,120 YD³ **

* SEE SHEET 1 FOR TOTAL FILL REQUIRED

** "NEAT (COMPACT)" VOLUME MULTIPLIED BY 2.0

LEGEND

- -610 LIMESTONE
- -SAND
- -CLAY / DIRT
- -RIP RAP ROCK

GENERAL NOTES

1	GBP SHOWN BASED ON AVERAGE LINE LOADS OF REFORMER TRANSPORT, UNLESS NOTED OTHERWISE
2	BRIDGE AND HEAVY HAUL RD DESIGN BASED ON TRANSPORT WIDTH OF 50'
3	BRIDGE AND HEAVY HAUL RD SLOPE TRANSITIONS BASED ON 30 LINE SPMT (130')
4	ONE LAYER OF UNIAXIAL GEOGRID (TENSAR UX 1500 HS) TO BE USED AT GRADE UNDER ALL BRIDGE BENTS
5	ONE LAYER OF UNIAXIAL GEOGRID AND FILTER FABRIC TO BE USED AT BASE OF BORROW PIT
6	EQUIPMENT PRELIMINARY AND SUBJECT TO CHANGE
7	CLIENT TO VERIFY NO INTERFERENCES WITH LAYOUT
8	FILL VOLUMES BASED ON LOOSE / DRY MATERIAL / VOLUMES PRELIMINARY AND SUBJECT TO CHANGE
9	RIP RAP ROCK TO BE ADDED ON RIVER'S EDGE TO PREVENT WASH

REV.	DESCRIPTION:	DATE:	DRAWN:	CHECKED:
04	Add Dimension from Channel CL to Barge	1/03/12	ERam 940325	JLaw 940002
03	Reformer Weight Dropped / COG Updated	12/07/12	ERam 940325	JLaw 940002
02	Update Title Block	11/27/12	ERam 940325	JLaw 940002
01	General Revision	11/26/12	ERam 940325	JLaw 940002
00	For Information	11/16/12	ERam 940325	JLaw 940002

Without authorized signatures this document is uncontrolled, not binding and for indicative purposes only.

CLIENT: **JACOBS**

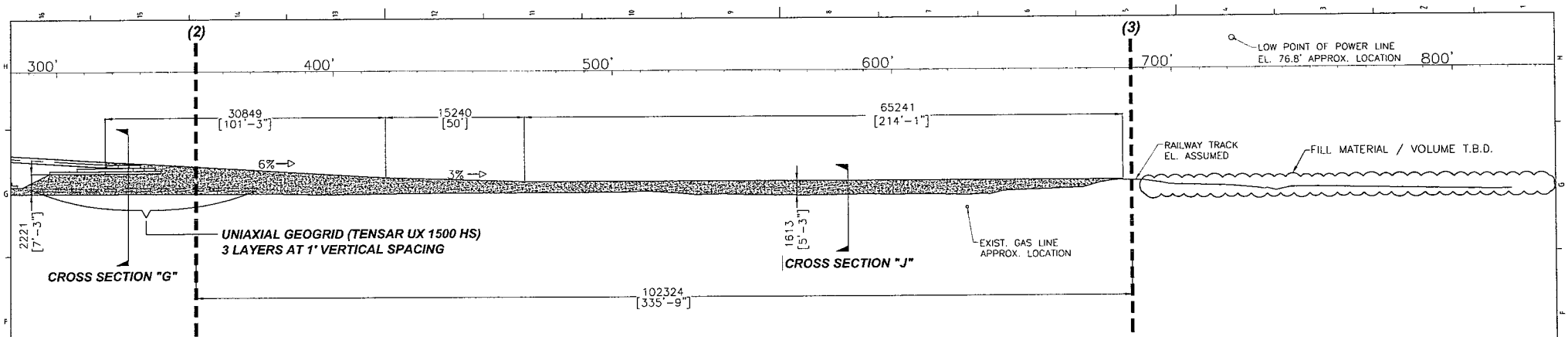
PROJECT: **PROPOSED GEISMAR METHANOL PLANT**

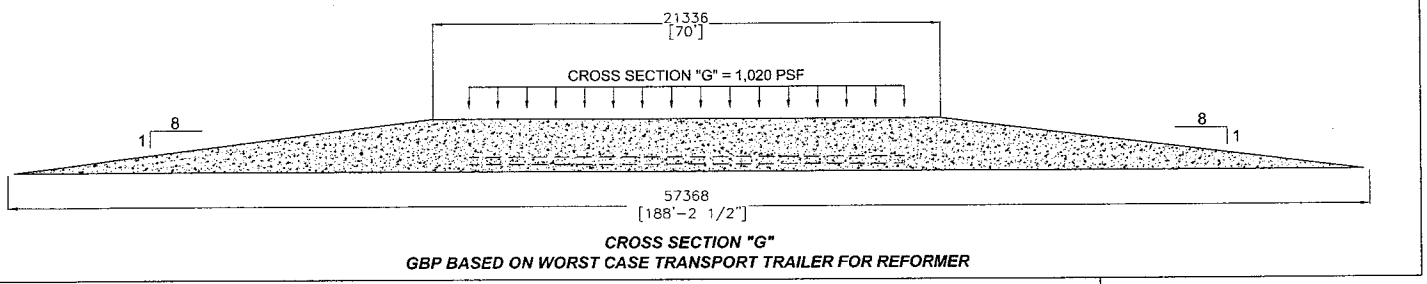
TITLE: **BRIDGE AND HEAVY HAUL RD NEAR MISSISSIPPI RIVER MILE MARKER 185 ASCENSION PARISH - GEISMAR, LA**

MAMMOET
MAMMOET USA
20525 FM 521, Brazoria, TX 77583
Tel. +1 (281) 369-2500 / Fax. +1 (281) 369-2178
www.mammoet.com

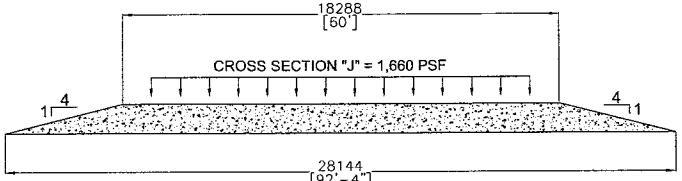
SCALE: NTS	SIZE: D	DRAWING NUMBER
SAP No: 7000094530	PROJECT No: 0010065265	SUB: -P033 - DOC: -D- PART: G01 SHT: -4/7- REV: -04

1/7/13





CROSS SECTION "G"
GBP BASED BASED ON WORST CASE TRANSPORT TRAILER FOR REFORMER



CROSS SECTION "J"
GBP BASED BASED ON WORST CASE TRANSPORT TRAILER FOR REFORMER

NORTH OF HWY 75 (MATCH LINE 2 & 3)

FILL MATERIAL / VOLUMES
-610 LIMESTONE = 9,580 YD³ **

*** SEE SHEET 1 FOR TOTAL FILL REQUIRED**
**** "NEAT (COMPACT)" VOLUME MULTIPLIED BY 2.0**

LEGEND

- -610 LIMESTONE
- -SAND
- -CLAY / DIRT
- -RIP RAP ROCK

GENERAL NOTES

1	GBP SHOWN BASED ON AVERAGE LINE LOADS OF REFORMER TRANSPORT, UNLESS NOTED OTHERWISE
2	BRIDGE AND HEAVY HAUL RD DESIGN BASED ON TRANSPORT WIDTH OF 50'
3	BRIDGE AND HEAVY HAUL RD SLOPE TRANSITIONS BASED ON 30 LINE SPMT (130')
4	ONE LAYER OF UNIAXIAL GEOGRID (TENSAR UX 1500 HS) TO BE USED AT GRADE UNDER ALL BRIDGE BENTS
5	ONE LAYER OF UNIAXIAL GEOGRID AND FILTER FABRIC TO BE USED AT BASE OF BORROW PIT
6	EQUIPMENT PRELIMINARY AND SUBJECT TO CHANGE
7	CLIENT TO VERIFY NO INTERFERENCES WITH LAYOUT
8	FILL VOLUMES BASED ON LOOSE / DRY MATERIAL / VOLUMES PRELIMINARY AND SUBJECT TO CHANGE
9	RIP RAP ROCK TO BE ADDED ON RIVER'S EDGE TO PREVENT WASH

REV.	DESCRIPTION:	DATE:	DRAWN:	CHECKED:
04	Add Dimension from Channel CL to Barge	1/03/12	ERam 940325	JLaw 940062
03	Reformer Weight Dropped / COG Updated	12/07/12	ERam 940325	JLaw 940062
02	Update Title Block	11/27/12	ERam 940325	JLaw 940062
01	General Revision	11/26/12	ERam 940325	JLaw 940062
00	For Information	11/16/12	ERam 940325	JLaw 940062

Without authorized signatures this document is uncontrolled, not binding and for indicative purposes only.

CLIENT: **JACOBS**

PROJECT: **PROPOSED GEISMAR METHANOL PLANT**

TITLE: **BRIDGE AND HEAVY HAUL RD**
NEAR MISSISSIPPI RIVER MILE MARKER 185
ASCENSION PARISH - GEISMAR, LA

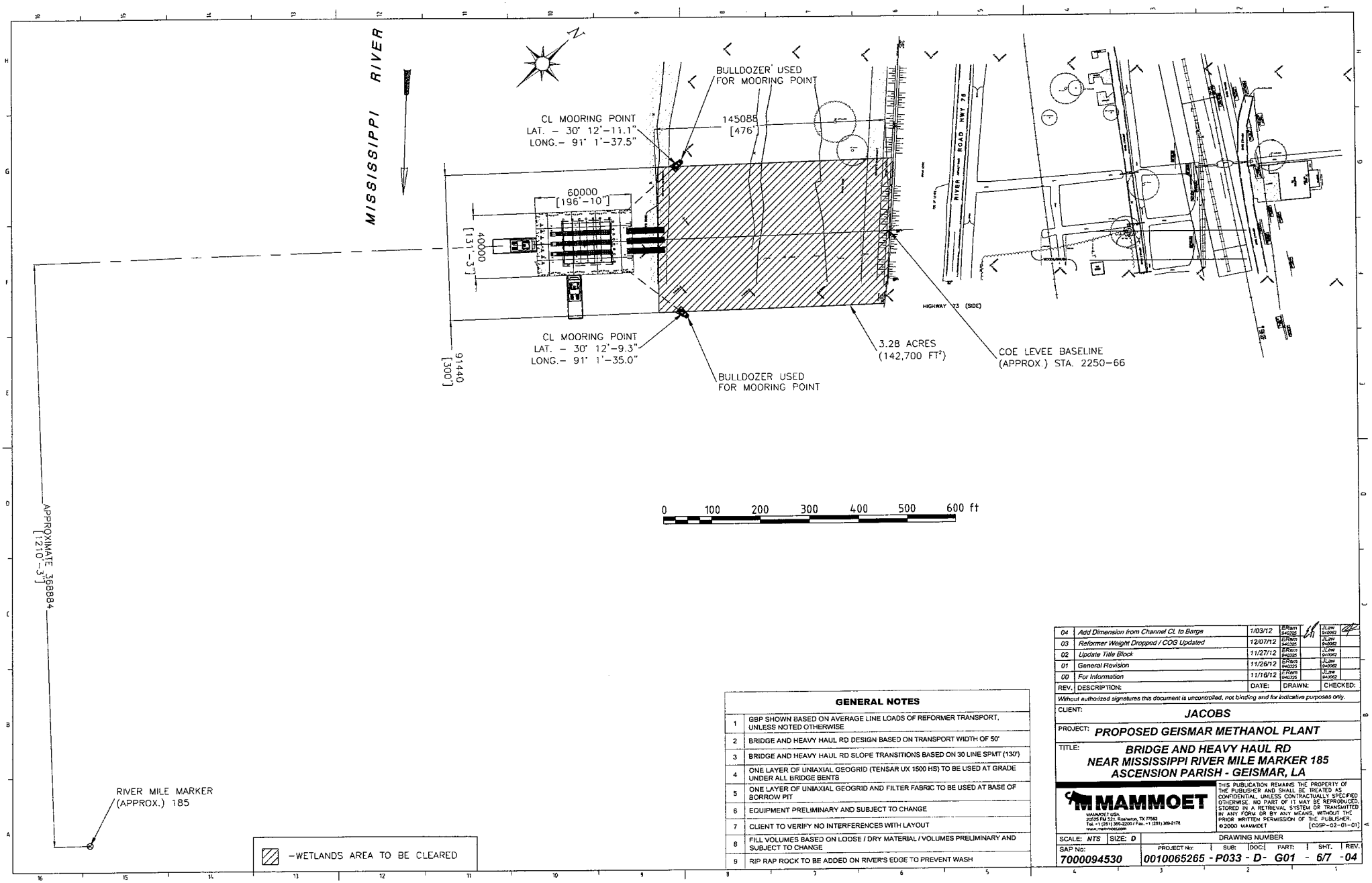
MAMMOET
MAMMOET USA
20525 FM 521, Rosharon, TX 77583
Tel. +1 (281) 369-2200 / Fax. +1 (281) 369-2178
www.mammoet.com

[COSP-02-01-01]

SCALE: NTS	SIZE: D	DRAWING NUMBER

SAP No:	PROJECT No:	SUB:	DOC.:	PART:	SHT.	REV.
7000094530	0010065265	P033	D-	G01	5/7	-04

1/7/13



GENERAL NOTES	
1	GBP SHOWN BASED ON AVERAGE LINE LOADS OF REFORMER TRANSPORT, UNLESS NOTED OTHERWISE
2	BRIDGE AND HEAVY HAUL RD DESIGN BASED ON TRANSPORT WIDTH OF 50'
3	BRIDGE AND HEAVY HAUL RD SLOPE TRANSITIONS BASED ON 30 LINE SPMT (130')
4	ONE LAYER OF UNIAXIAL GEOGRID (TENSAR UX 1500 HS) TO BE USED AT GRADE UNDER ALL BRIDGE BENTS
5	ONE LAYER OF UNIAXIAL GEOGRID AND FILTER FABRIC TO BE USED AT BASE OF BORROW PIT
6	EQUIPMENT PRELIMINARY AND SUBJECT TO CHANGE
7	CLIENT TO VERIFY NO INTERFERENCES WITH LAYOUT
8	FILL VOLUMES BASED ON LOOSE / DRY MATERIAL / VOLUMES PRELIMINARY AND SUBJECT TO CHANGE
9	RIP RAP ROCK TO BE ADDED ON RIVER'S EDGE TO PREVENT WASH

REV.	DESCRIPTION:	DATE:	DRAWN:	CHECKED:
04	Add Dimension from Channel CL to Barge	1/03/12	ERam 940725	JLaw 940062
03	Reformer Weight Dropped / COG Updated	12/07/12	ERam 940725	JLaw 940062
02	Update Title Block	11/27/12	ERam 940361	JLaw 940062
01	General Revision	11/26/12	ERam 940323	JLaw 940062
00	For Information	11/16/12	ERam 940725	JLaw 940062

Without authorized signatures this document is uncontrolled, not binding and for indicative purposes only.

CLIENT: JACOBS

PROJECT: PROPOSED GEISMAR METHANOL PLANT

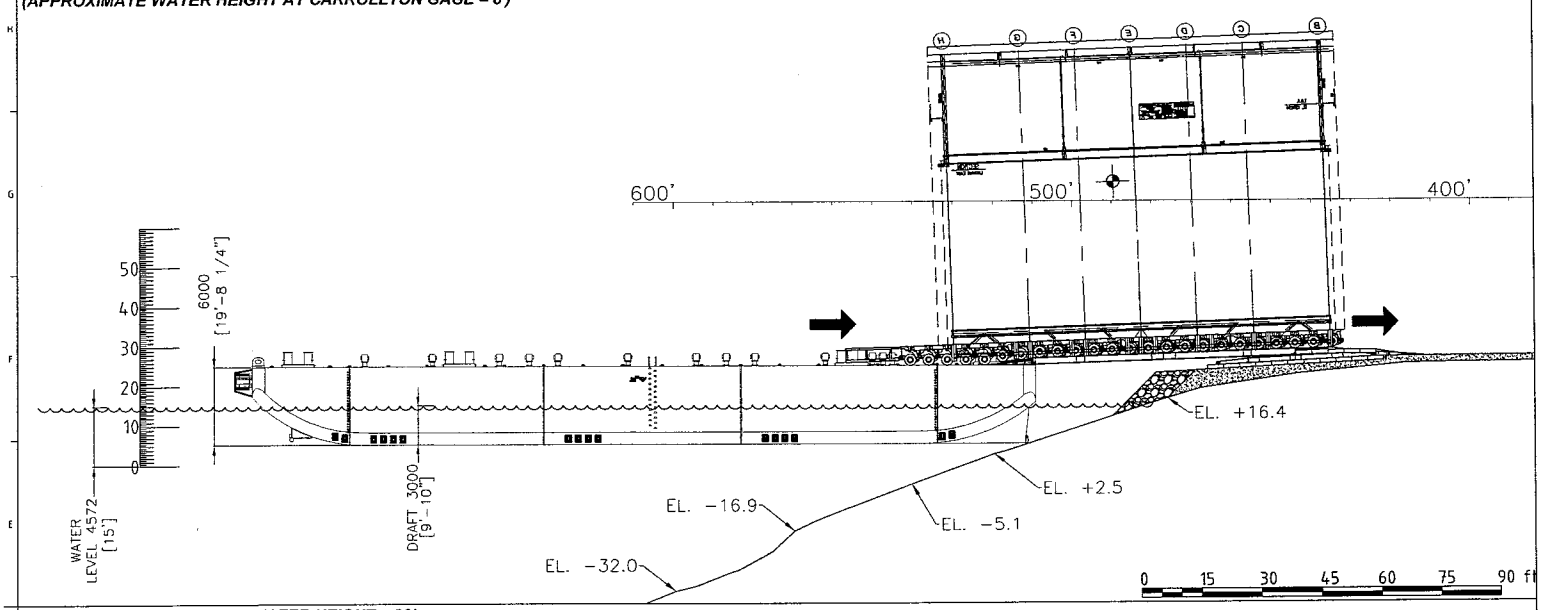
TITLE: BRIDGE AND HEAVY HAUL RD
NEAR MISSISSIPPI RIVER MILE MARKER 185
ASCENSION PARISH - GEISMAR, LA

MAMMOET
MAMMOET USA
20525 FM 521, Rosharon, TX 77583
Tel: +1 (281) 366-2200 / Fax: +1 (281) 369-2178
www.mammoet.com

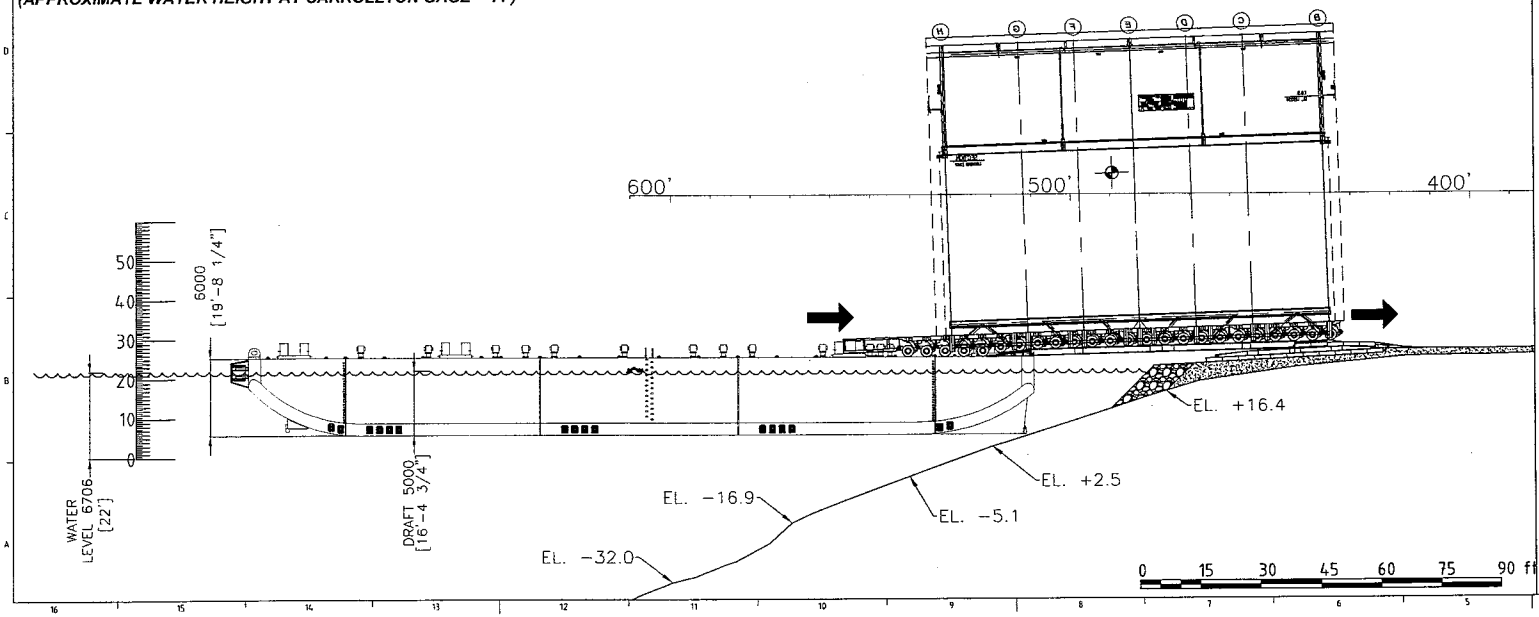
SCALE: NTS	SIZE: D	DRAWING NUMBER					
SAP No:	PROJECT No:	SUB:	DOC:	PART:	SHT.	REV.
7000094530	0010065265	- P033 -	D-	G01	- 6/7	-04

1/7/13

ROLLING OFF AT MINIMUM WATER HEIGHT = 15'
(APPROXIMATE WATER HEIGHT AT CARROLLTON GAGE = 8')



ROLLING OFF AT MAXIMUM WATER HEIGHT = 22'
(APPROXIMATE WATER HEIGHT AT CARROLLTON GAGE = 11')



GENERAL NOTES

1	GBP SHOWN BASED ON AVERAGE LINE LOADS OF REFORMER TRANSPORT, UNLESS NOTED OTHERWISE
2	BRIDGE AND HEAVY HAUL RD DESIGN BASED ON TRANSPORT WIDTH OF 50'
3	BRIDGE AND HEAVY HAUL RD SLOPE TRANSITIONS BASED ON 30 LINE SPMT (130')
4	ONE LAYER OF UNIAXIAL GEOGRID (TENSAR UX 1500 HS) TO BE USED AT GRADE UNDER ALL BRIDGE BENTS
5	ONE LAYER OF UNIAXIAL GEOGRID AND FILTER FABRIC TO BE USED AT BASE OF BORROW PIT
6	EQUIPMENT PRELIMINARY AND SUBJECT TO CHANGE
7	CLIENT TO VERIFY NO INTERFERENCES WITH LAYOUT
8	FILL VOLUMES BASED ON LOOSE / DRY MATERIAL / VOLUMES PRELIMINARY AND SUBJECT TO CHANGE
9	RIP RAP ROCK TO BE ADDED ON RIVER'S EDGE TO PREVENT WASH

REV.	DESCRIPTION:	DATE:	DRAWN:	CHECKED:
04	Add Dimension from Channel CL to Barge	1/03/12	ERam 840325	JLaw 840062
03	Reformer Weight Dropped / COG Updated	12/07/12	ERam 840325	JLaw 840062
02	Update Title Block	11/27/12	ERam 840325	JLaw 840062
01	General Revision	11/26/12	ERam 840325	JLaw 840062
00	For Information	11/16/12	ERam 840325	JLaw 840062

Without authorized signatures this document is uncontrolled, not binding and for indicative purposes only.

CLIENT: JACOBS

PROJECT: PROPOSED GEISMAR METHANOL PLANT

TITLE: BRIDGE AND HEAVY HAUL RD
NEAR MISSISSIPPI RIVER MILE MARKER 185
ASCENSION PARISH - GEISMAR, LA

MAMMOET
MAMMOET USA
20525 FM 521, Rosharon, TX 77583
Tel.: +1 (281) 369-2200 / Fax: +1 (281) 369-2178
www.mammoet.com

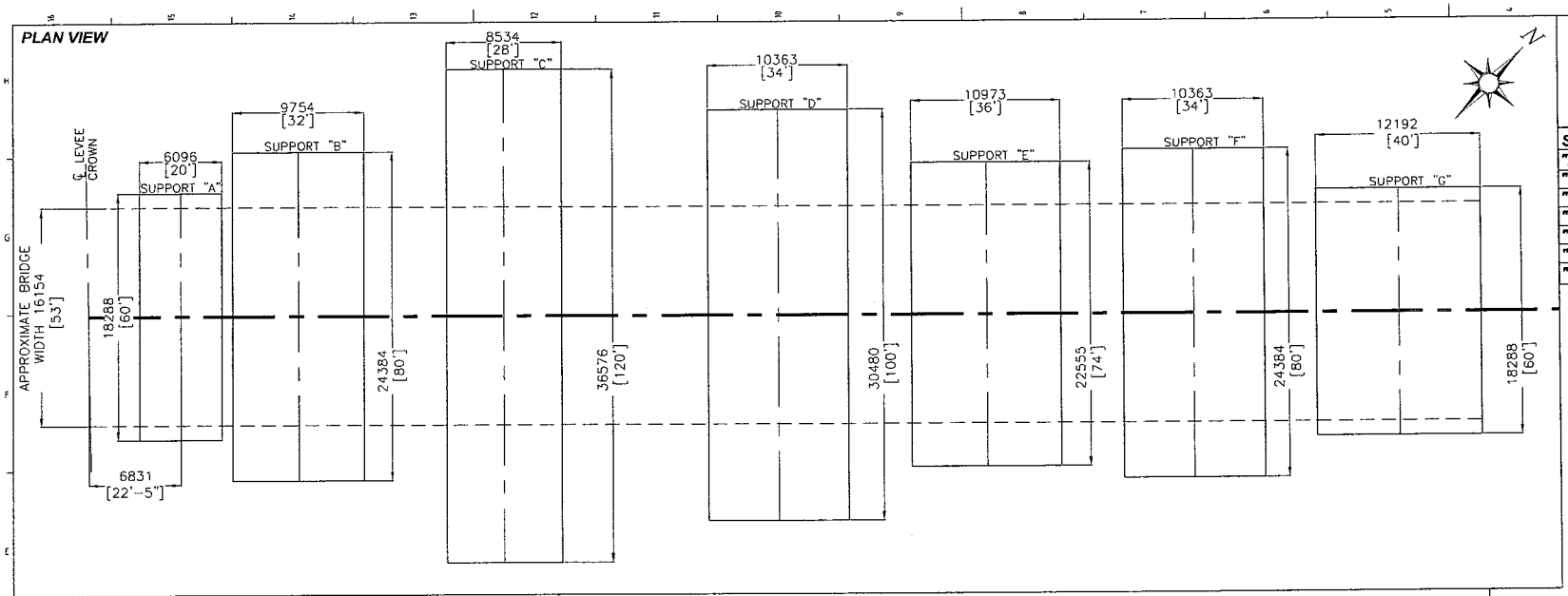
[COSP--02--01--01]

SCALE: NTS | SIZE: D | DRAWING NUMBER

SAP No:	PROJECT No:	SUB:	DOC:	PART:	SHT.	REV.
7000094530	0010065265	P033	D	G01	7/7	04

1/7/13

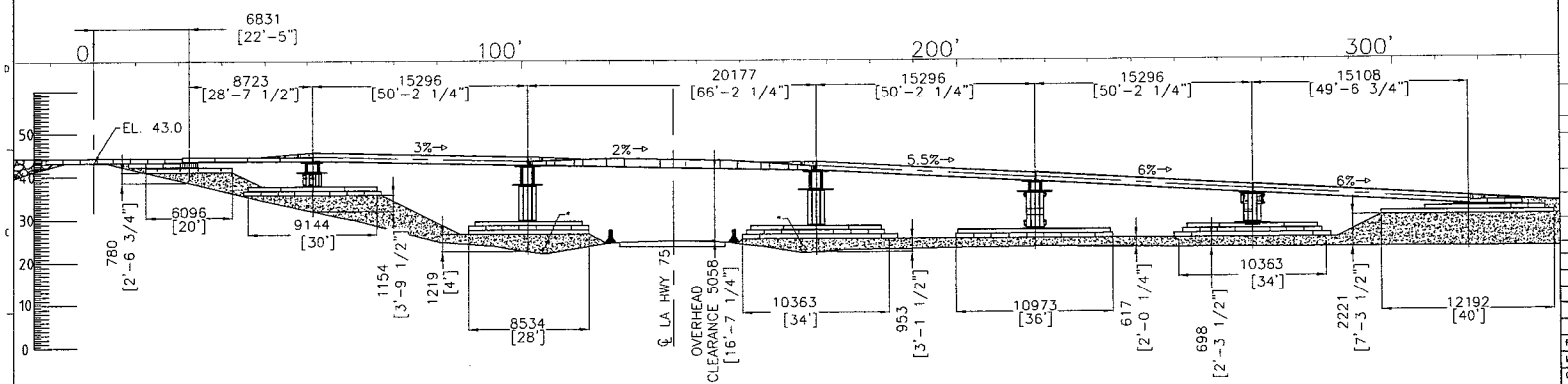
PLAN VIEW



SUPPORT	LOAD SPREAD AREA	GBP
"A" ***	60'X20' = 1,200 ft²	1,154 PSF
"B"	80'x32' = 2,560 ft²	764 PSF
"C"	120'x28' = 3,360 ft²	924 PSF
"D"	100'x34' = 3,400 ft²	935 PSF
"E"	74'x36' = 2,664 ft²	1,019 PSF
"F"	80'x34' = 2,720 ft²	917 PSF
"G" ***	60'x40' = 2,400 ft²	1,020 PSF

***BASED ON WORST CASE TRANSPORT TRAILER

ELEVATION VIEW



-LIMESTONE FILL

*18" OD RIBBED POLYVINYL CHLORIDE CULVERT PIPE
**BRIDGE MATS

SUPPORT "A"
(13) 30'x4'x1" STEEL MAT **
(3) 20'x4'x2" STEEL PLATE
(2) 30'x4'x1" STEEL MAT
(2) 30'x8'x2" STEEL PLATE
(15) 20'x4'x1" WOOD MAT

SUPPORT "B"
(12) 50' CONVENT MAT **
(3) 17'x6'x2" STEEL PLATE
(12) 3'-4"x4'x2" JACKSTAND
(3) 20'x5'x2" STEEL PLATE
(3) 75' BEAM (W36X300)
(20) 30'x4'x1" STEEL MAT
(32) 20'x4'x1" WOOD MAT

SUPPORT "C"
(10) 66' RAMP **
(3) 17'x6'x2" STEEL PLATE
(12) 3'-4"x4'x4" JACKSTAND
(3) 20'x5'x2" STEEL PLATE
(2) 122' KBR BEAM
(30) 25'x4'x1" STEEL MAT
(30) 28'x4'x1" WOOD MAT
(42) 20'x4'x1" WOOD MAT

SUPPORT "D"
(12) 50' CONVENT MAT **
(3) 17'x6'x2" STEEL PLATE
(12) 3'-4"x4'x4" JACKSTAND
(3) 20'x5'x2" STEEL PLATE
(2) 122' KBR BEAM
(25) 30'x4'x1" STEEL MAT
(25) 28'x4'x1" WOOD MAT
(50) 20'x4'x1" WOOD MAT

SUPPORT "E"
(12) 50' CONVENT MAT **
(3) 17'x6'x2" STEEL PLATE
(12) 3'-4"x4'x2" JACKSTAND
(3) 20'x5'x2" STEEL PLATE
(2) 99" BEAM (70')
(18) 35'x4'x1" STEEL MAT
(36) 20'x4'x1" WOOD MAT

SUPPORT "F"
(12) 50' CONVENT MAT **
(3) 17'x6'x2" STEEL PLATE
(3) 20'x5'x2" STEEL PLATE
(1) 30'x8'x2" STEEL PLATE
(2) 15'x8'x2" STEEL PLATE
(16) 30'x4'x1" STEEL MAT
(40) 20'x4'x1" WOOD MAT
(20) 28'x4'x1" WOOD MAT

SUPPORT "G"
(3) 20'x4'x2" STEEL PLATE
(29) 20'x4'x1" WOOD MAT
(15) 40'x4'x1" STEEL MAT

GENERAL NOTES

1. FOR INFORMATION ONLY
2. GBP SHOWN BASED ON AVERAGE LINE LOADS OF REFORMER TRANSPORT, UNLESS NOTED OTHERWISE
4. BRIDGE AND HEAVY HAUL RD DESIGN BASED ON TRANSPORT WIDTH OF 50'
5. BRIDGE AND HEAVY HAUL RD SLOPE TRANSITIONS BASED ON 30 LINE SPMT (130')
6. EQUIPMENT PRELIMINARY AND SUBJECT TO CHANGE

REV.	DESCRIPTION:	DATE:	DRAWN:	CHECKED:
04	Add Dimension in Plan View to Levee CL	1/03/12	ERam 940325	JLaw 940062
03	Reformer Weight Dropped	12/05/12	ERam 940325	JLaw 940062
02	Update Title Block	11/27/12	ERam 940325	JLaw 940062
01	General Revision	11/27/12	ERam 940325	JLaw 940062
00	For Information	10/31/12	ERam 940325	JLaw 940062

CLIENT: JACOBS

PROJECT: PROPOSED GEISMAR METHANOL PLANT

TITLE: LEVEE RAMP DETAILS
NEAR MISSISSIPPI RIVER MILE MARKER 185
ASCENSION PARISH - GEISMAR, LA

MAMMOET
MAMMOET USA
20525 FM 521, Rosharon, TX 77583
Tel. +1 (281) 369-2200 / Fax. +1 (281) 369-2178
www.mammoet.com

SCALE: NTS | SIZE: D | DRAWING NUMBER

SAP No: 7000094532 | PROJECT No: 0010065265 | SUB: | DOC: | PART: P033 | SHT: D | REV: G02 - 1/1 - 04

1/7/13