

ELOS
environmental

43177 East Pleasant Ridge Road
Hammond, Louisiana 70403
P. 985-662-5501, F. 985-662-5504

0 1,250 2,500 5,000 Feet



Legend:


 Proposed Site

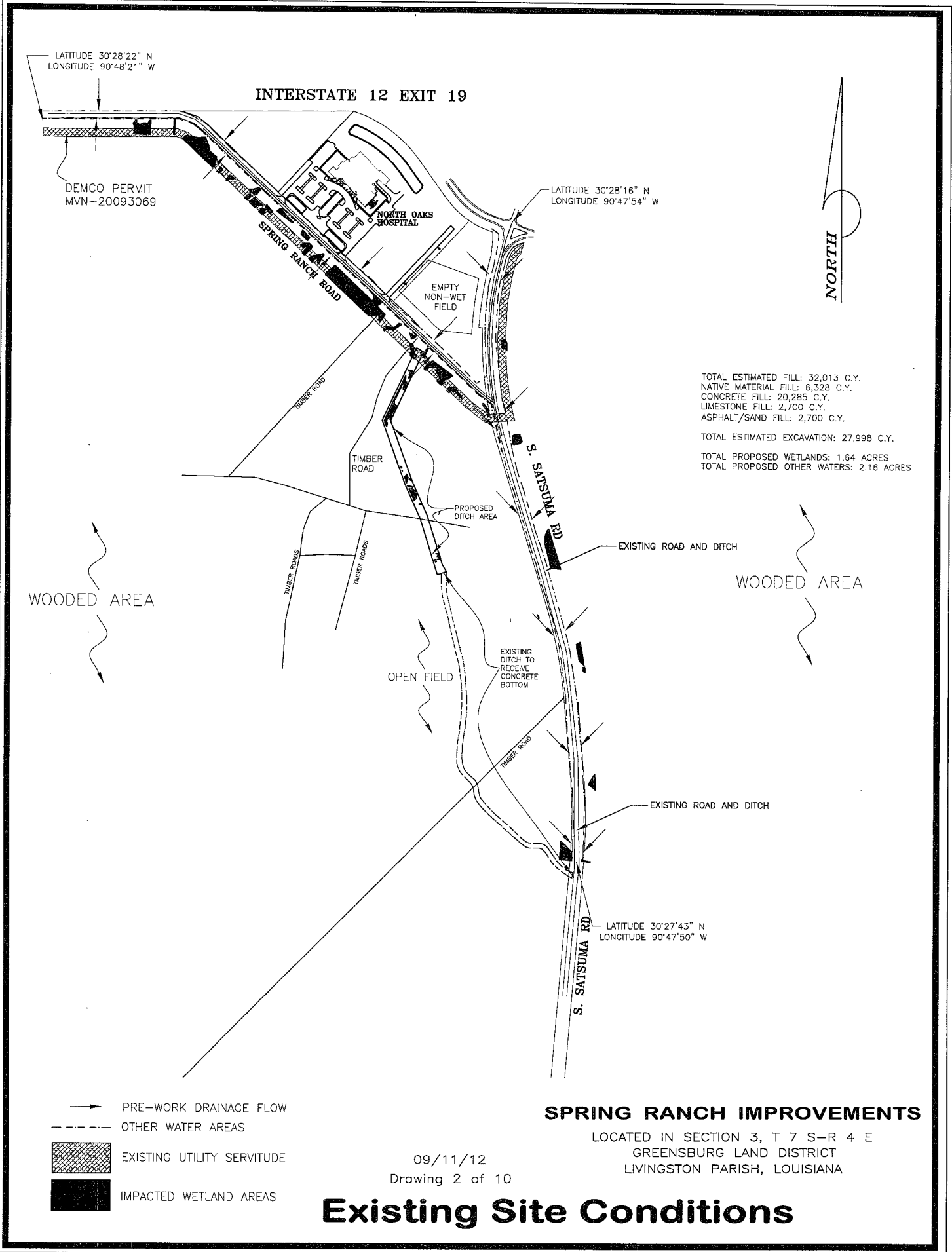
Figure 1: Topo-Vicinity Map

09-04-12

Drawing 1 of 10

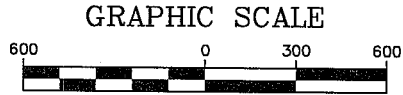
Spring Ranch Road

Map prepared from public and proprietary spatial data. Elos Environmental, LLC does not warrant its accuracy or completeness. This map should not be used to establish legal boundaries or specific locations.



LATITUDE 30°28'22" N
LONGITUDE 90°48'21" W

INTERSTATE 12 EXIT 19



LATITUDE 30°28'16" N
LONGITUDE 90°47'54" W

TOTAL ESTIMATED FILL: 32,013 C.Y.
 NATIVE MATERIAL FILL: 6,328 C.Y.
 CONCRETE FILL: 20,285 C.Y.
 LIMESTONE FILL: 2,700 C.Y.
 ASPHALT/SAND FILL: 2,700 C.Y.
 TOTAL ESTIMATED EXCAVATION: 27,998 C.Y.
 TOTAL PROPOSED WETLANDS: 1.64 ACRES
 TOTAL PROPOSED OTHER WATERS: 2.16 ACRES

PROPOSED UTILITIES TO BE INSTALLED IN THE UTILITY R/W WILL BE BOTH ABOVE AND BELOWGROUND UTILITIES WHICH MAY INCLUDE BUT ARE NOT LIMITED TO GAS, SEWER, WATER, TELEPHONE, CABLE, AND GENERAL ELECTRICAL LINES.

PROPOSED UTILITIES WILL BE LOCATED WITHIN THE UTILITY SERVITUDE BUT NOT NECESSARILY THROUGHOUT THE ENTIRE SERVITUDE. ALSO, UTILITIES MAY BE LOCATED WITHIN THE ROAD R/W AS WELL.

FINAL LOCATION OF PROPOSED UNDERGROUND UTILITIES IS UNKNOWN AT THIS TIME BUT SHOULD ONLY REQUIRE ONE OR MORE SMALL TRENCHES TO BE LOCATED WITHIN THE BOUNDS OF THE UTILITY SERVITUDE. AS SUCH, IN AN ABUNDANCE OF CAUTION, THE ENTIRE SERVITUDE WAS DISPLAYED AS POSSIBLY BEING EXCAVATED AND FILLED. PLEASE NOTE THAT THIS SHALL NOT BE THE END RESULT.

WOODED AREA

WOODED AREA

OPEN FIELD

- POST-WORK DRAINAGE FLOW
- - - OTHER WATER AREAS
- EXISTING UTILITY SERVITUDE
- IMPACTED WETLAND AREAS
- EXCAVATION/FILL AREA
- EXCAVATION AREA
- SOIL DISPOSAL SITE

SPRING RANCH IMPROVEMENTS

LOCATED IN SECTION 3, T 7 S-R 4 E
 GREENSBURG LAND DISTRICT
 LIVINGSTON PARISH, LOUISIANA

09/11/12
 Drawing 3 of 10

PLAN VIEW

GRAPHIC SCALE



(IN FEET)

1 inch = 350 ft.

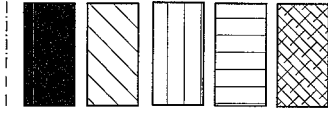
LATITUDE 30°28'22" N
LONGITUDE 90°48'21" W

SPRING RANCH IMPROVEMENTS

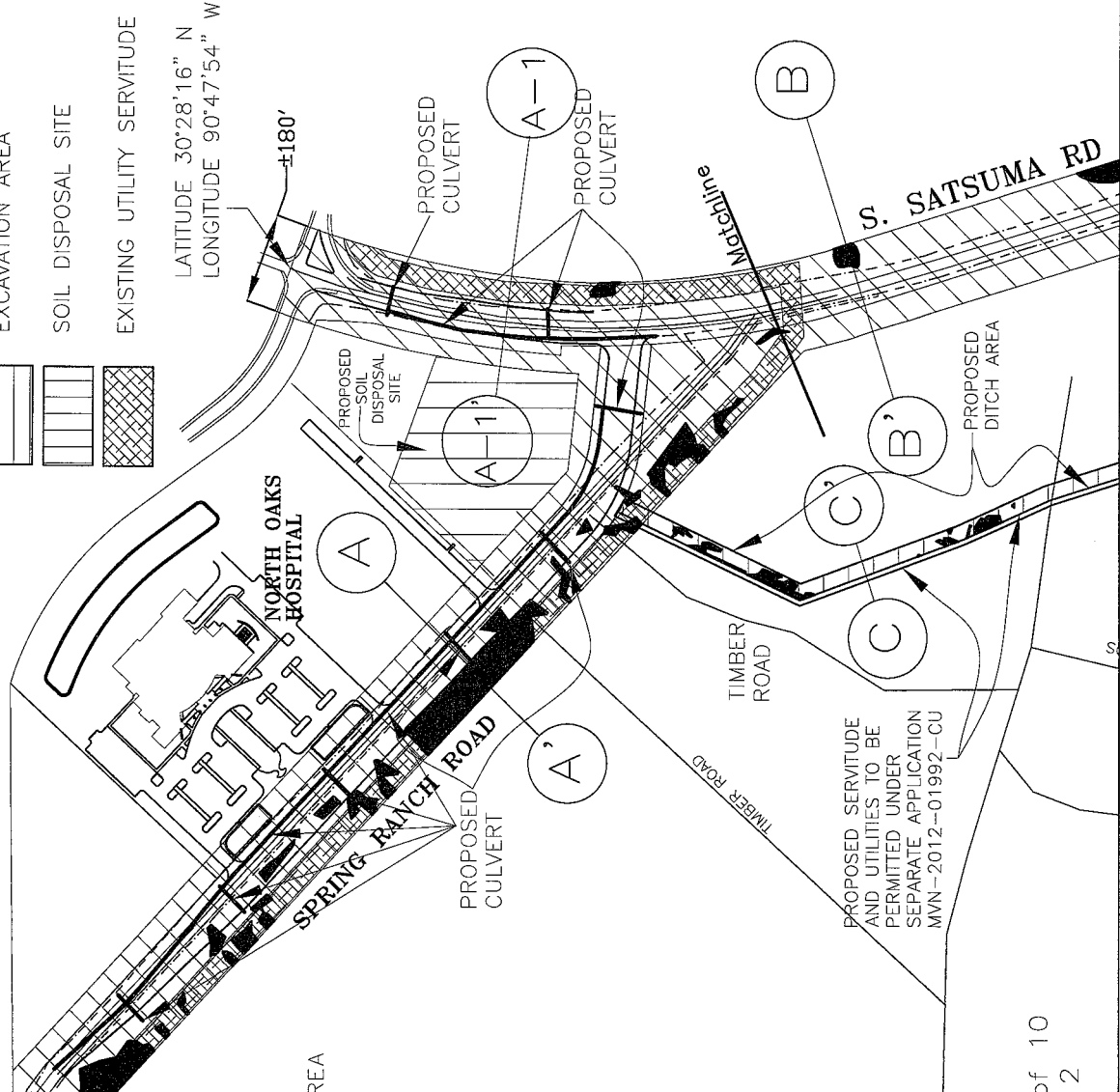
LOCATED IN SECTION 3, T 7 S-R 4 E
GREENSBURG LAND DISTRICT
LIVINGSTON PARISH, LOUISIANA

INTERSTATE 12 EXIT 19

- OTHER WATER AREAS
- IMPACTED WETLAND AREAS
- EXCAVATION/FILL AREA
- EXCAVATION AREA
- SOIL DISPOSAL SITE
- EXISTING UTILITY SERVIDUTE



LATITUDE 30°28'16" N
LONGITUDE 90°47'54" W



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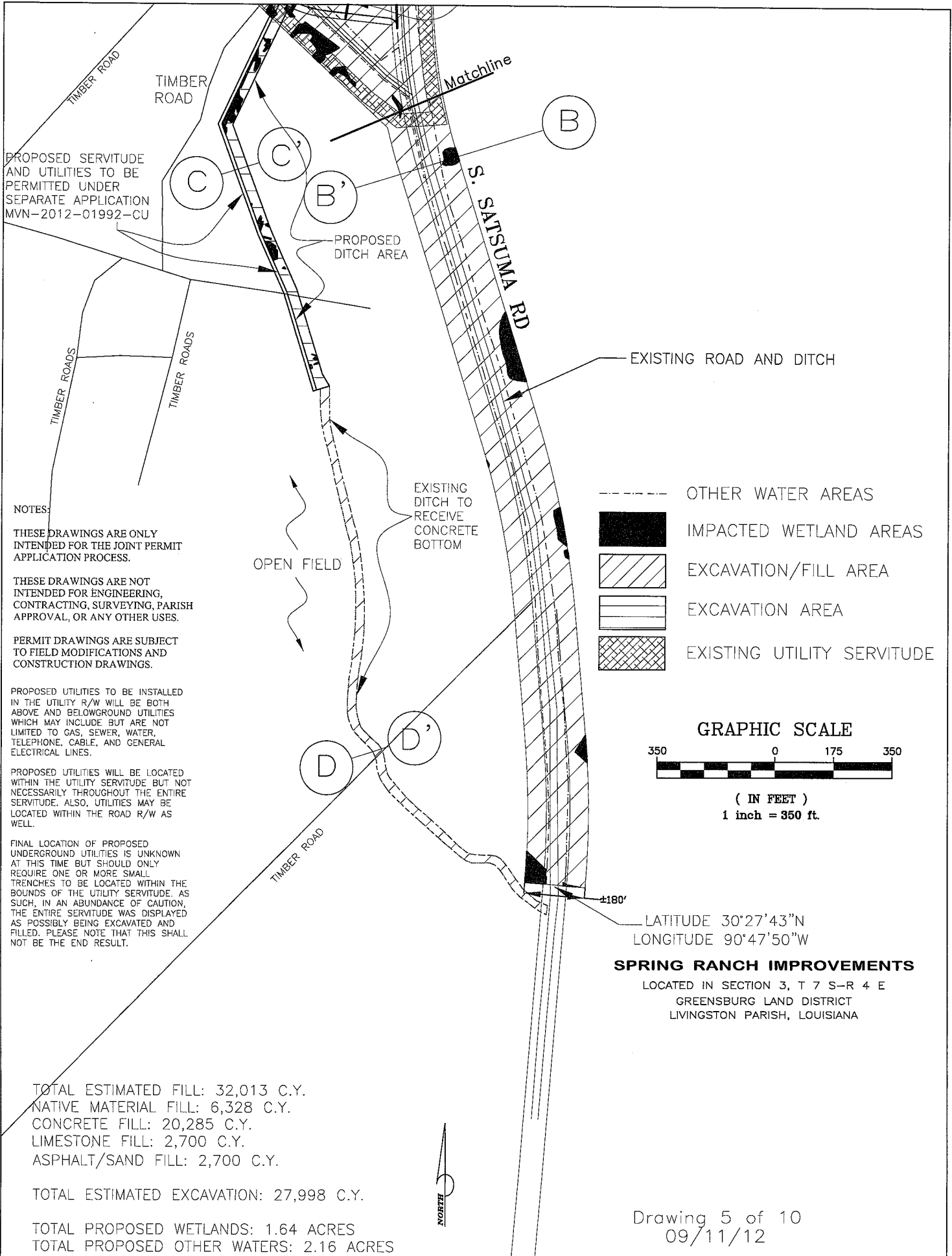
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PROPOSED SERVIDUTE AND UTILITIES TO BE PERMITTED UNDER SEPARATE APPLICATION MVN-2012-01992-CU

NOTES:
THESE DRAWINGS ARE ONLY INTENDED FOR THE JOINT PERMIT APPLICATION PROCESS.
THESE DRAWINGS ARE NOT INTENDED FOR ENGINEERING, CONTRACTING, SURVEYING, PARISH APPROVAL, OR ANY OTHER USES.
PERMIT DRAWINGS ARE SUBJECT TO FIELD MODIFICATIONS AND CONSTRUCTION DRAWINGS.

Drawing 4 of 10
09/11/12



PROPOSED SERVITUDE AND UTILITIES TO BE PERMITTED UNDER SEPARATE APPLICATION MVN-2012-01992-CU

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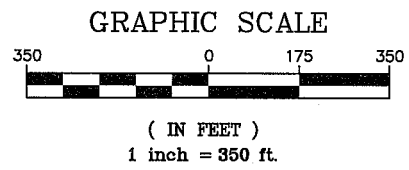
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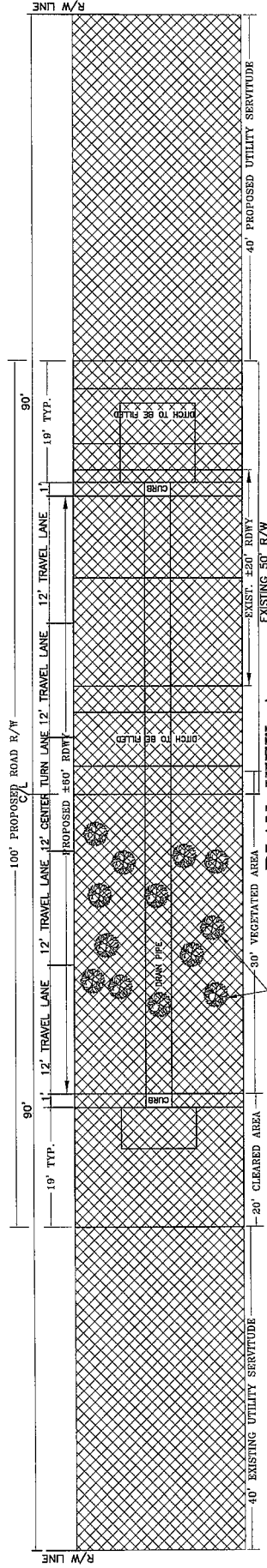
- OTHER WATER AREAS
- IMPACTED WETLAND AREAS
- EXCAVATION/FILL AREA
- EXCAVATION AREA
- EXISTING UTILITY SERVITUDE



LATITUDE 30°27'43"N
 LONGITUDE 90°47'50"W

SPRING RANCH IMPROVEMENTS
 LOCATED IN SECTION 3, T 7 S-R 4 E
 GREENSBURG LAND DISTRICT
 LIVINGSTON PARISH, LOUISIANA

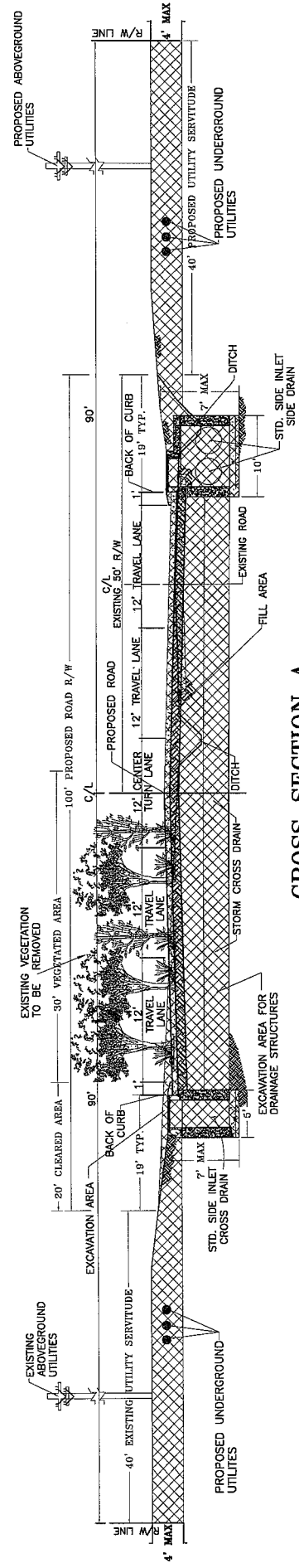
Drawing 5 of 10
 09/11/12



PLAN VIEW A

N.T.S.

A'



CROSS SECTION A

N.T.S.

SPRING RANCH ROAD

PROPOSED FILL/EXCAVATION AREAS

PROPOSED UTILITIES TO BE INSTALLED IN THE UTILITY R/W WILL BE BOTH ABOVE AND BELOWGROUND UTILITIES WHICH MAY INCLUDE BUT NOT LIMITED TO GAS, SEWER, WATER, TELEPHONE, CABLE, AND GENERAL ELECTRICAL LINES.

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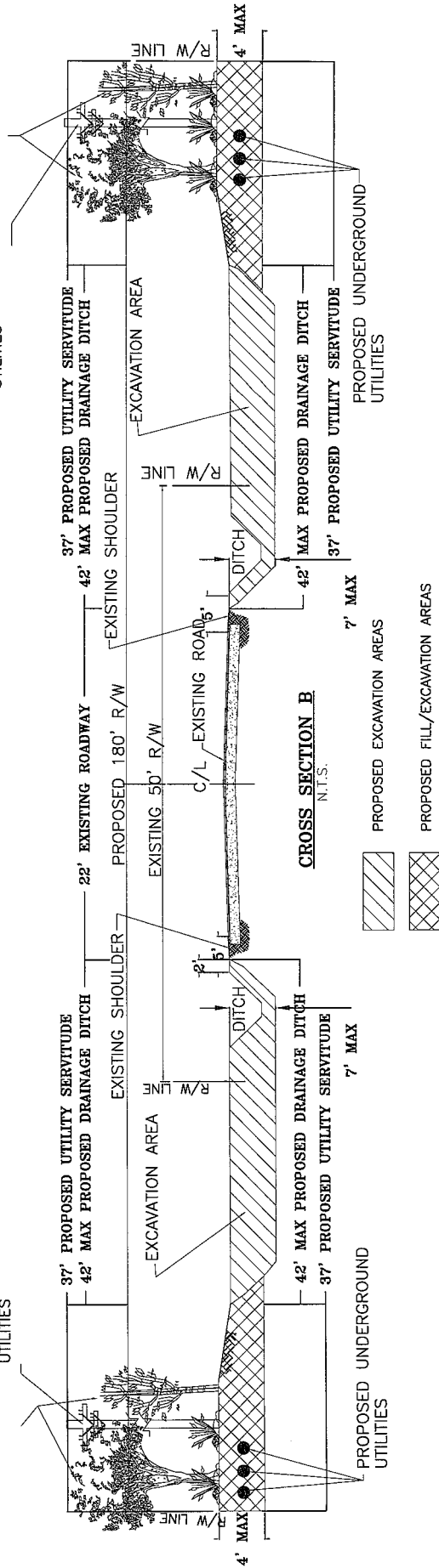
FINAL LOCATION OF PROPOSED UNDERGROUND UTILITIES IS UNKNOWN AT THIS TIME BUT SHOULD ONLY REQUIRE ONE OR MORE SMALL TRENCHES TO BE LOCATED WITHIN THE BOUNDS OF THE UTILITY SERVITUDE. AS SUCH, IN AN ABUNDANCE OF CAUTION, THE ENTIRE SERVITUDE SHOULD BE DISTURBED TO VERIFY SERVICE LOCATIONS AND FILLED. PLEASE NOTE THAT THIS SHALL NOT BE THE END RESULT.

SPRING RANCH IMPROVEMENTS
 LOCATED IN SECTION 3, T 7 S-R 4 E
 GREENSBURG LAND DISTRICT
 LIVINGSTON PARISH, LOUISIANA

08/24/12 Figure 6 of 10

B

EXISTING VEGETATION TO BE REMOVED
PROPOSED ABOVEGROUND UTILITIES



B

EXISTING VEGETATION TO BE REMOVED
PROPOSED ABOVEGROUND UTILITIES

37' PROPOSED UTILITY SERVITUDE
42' MAX PROPOSED DRAINAGE DITCH
EXISTING SHOULDER
EXCAVATION AREA
R/W LINE
EXISTING ROAD
C/L
EXISTING ROAD
DITCH
7' MAX
42' MAX PROPOSED DRAINAGE DITCH
37' PROPOSED UTILITY SERVITUDE

PROPOSED UNDERGROUND UTILITIES

CROSS SECTION B
N.T.S.

PROPOSED EXCAVATION AREAS

PROPOSED FILL/EXCAVATION AREAS

THE EXISTING ROADSIDE DITCH IS PROPOSED TO BE WIDENED AND DEEPEMED WHERE NEEDED. THE MAX DEPTH IS 7' IN LIMITED AREAS THAT WILL REQUIRE THIS DEPTH FOR PROPER FLOW. LIVINGSTON PARISH REGULATIONS REQUIRE A 1:3 SLOPE. THERE WILL ONLY BE A FEW AREAS WHERE THE DITCH IS EXCAVATED TO THE 7' DEPTH. IN THE FEW AREAS WHERE THE DITCH WILL BE 7' DEEP, THE WIDTH OF THE DITCH WILL BE 42' MAX TO MAINTAIN PARISH REQUIRED SLOPES. PLEASE NOTE THE DITCH WILL ONLY BE THIS DEEP AND THIS WIDE IN LIMITED AREAS.

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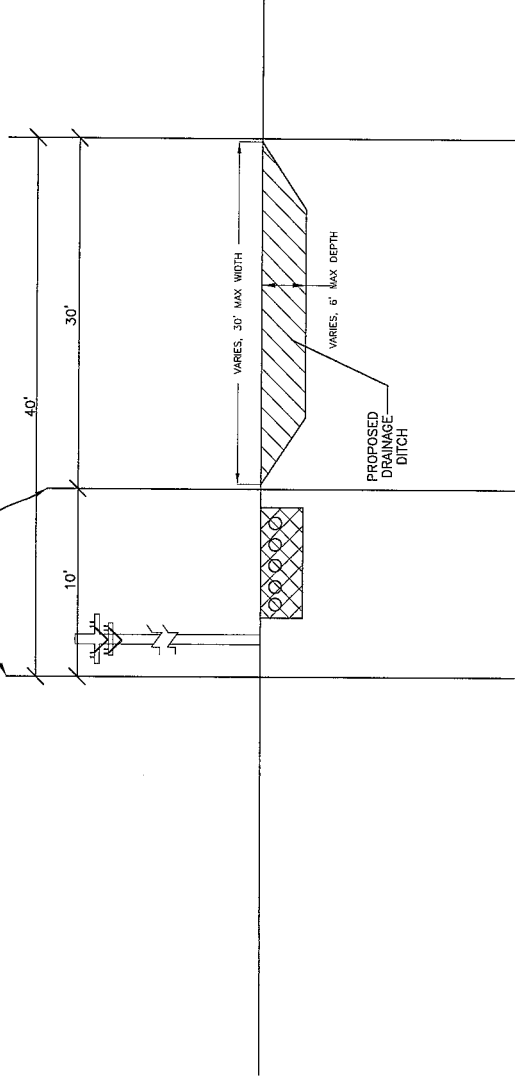
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SPRING RANCH IMPROVEMENTS

LOCATED IN SECTION 3, T 7 S-R 4 E
GREENSBURG LAND DISTRICT
LIVINGSTON PARISH, LOUISIANA

08/24/12 Figure 8 of 10

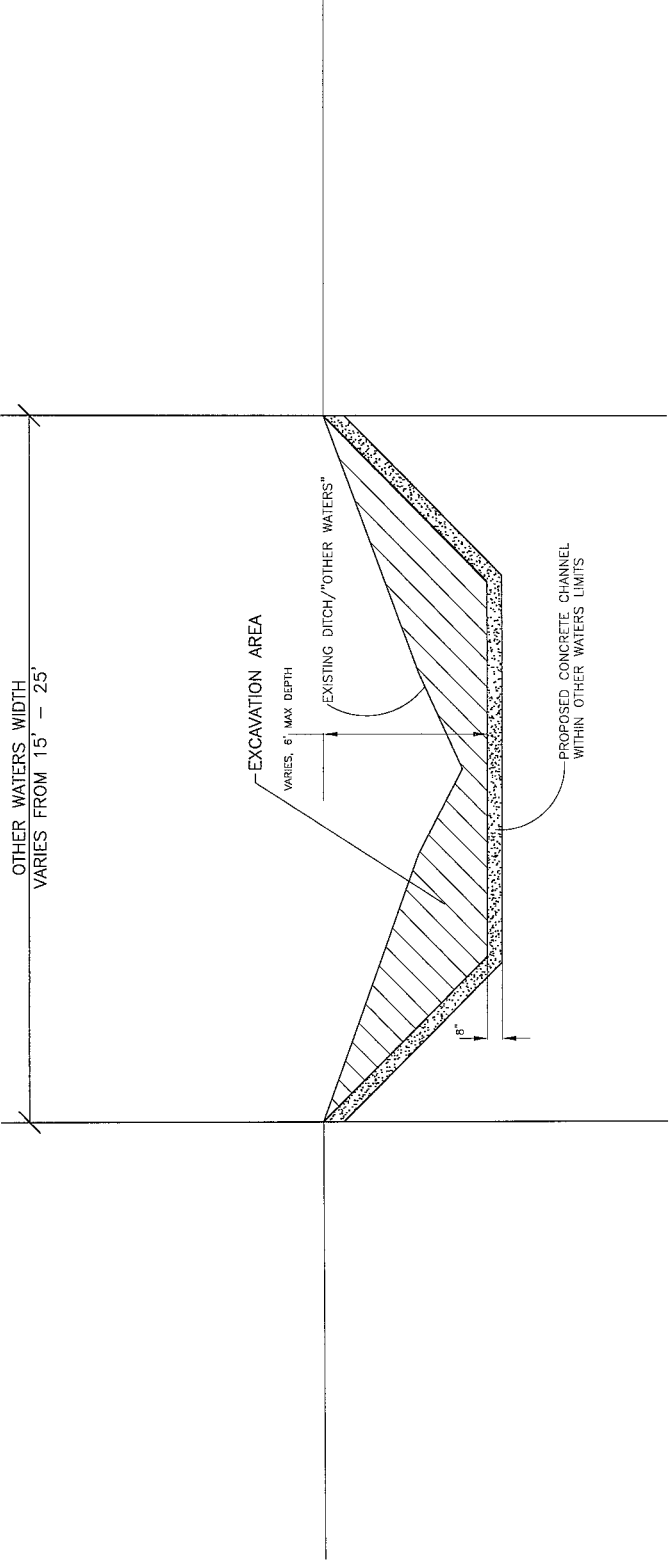
PROPOSED SERVITUDE AND UTILITIES ARE TO BE PERMITTED UNDER SEPARATE PERMIT APPLICATION MVN-2012-01992-CU



CROSS SECTION C
N.T.S.



-  PROPOSED EXCAVATION AREAS
-  PROPOSED FILL/EXCAVATION AREAS

SPRING RANCH IMPROVEMENTS
 LOCATED IN SECTION 3, T 7 S-R 4 E
 GREENSBURG LAND DISTRICT
 LIVINGSTON PARISH, LOUISIANA
 09/11/12 Figure 9 of 10



CROSS SECTION D
N.T.S.

SPRING RANCH IMPROVEMENTS
 LOCATED IN SECTION 3, T 7 S--R 4 E
 GREENSBURG LAND DISTRICT
 LIVINGSTON PARISH, LOUISIANA
 09/07/12 Figure 10 of 10

- 
 PROPOSED FILL AREAS
- 
 PROPOSED EXCAVATION AREAS