

## Notes

Property is located in Section 24, T-6-S, R-3-E and Section 19, T-6-S, R-4-E  
 West End of Project: Latitude: 30°30'44.33"N Longitude: 90°51'38.61"W  
 East End of Project: Latitude: 30°30'26.11"N Longitude: 90°50'30.67"W

## Reference

Base map comprised of U.S.G.S. 7.5 minute topographic maps "Watson, LA", "Satsuma, LA", "Denham Springs, LA" and "Walker, LA".

## Livingston Parish Gravity Drainage District # 5

### Corbin Avenue East Ditch Project

## Vicinity Map

Livingston Parish, Louisiana



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Project No.: 12-2012-DOA

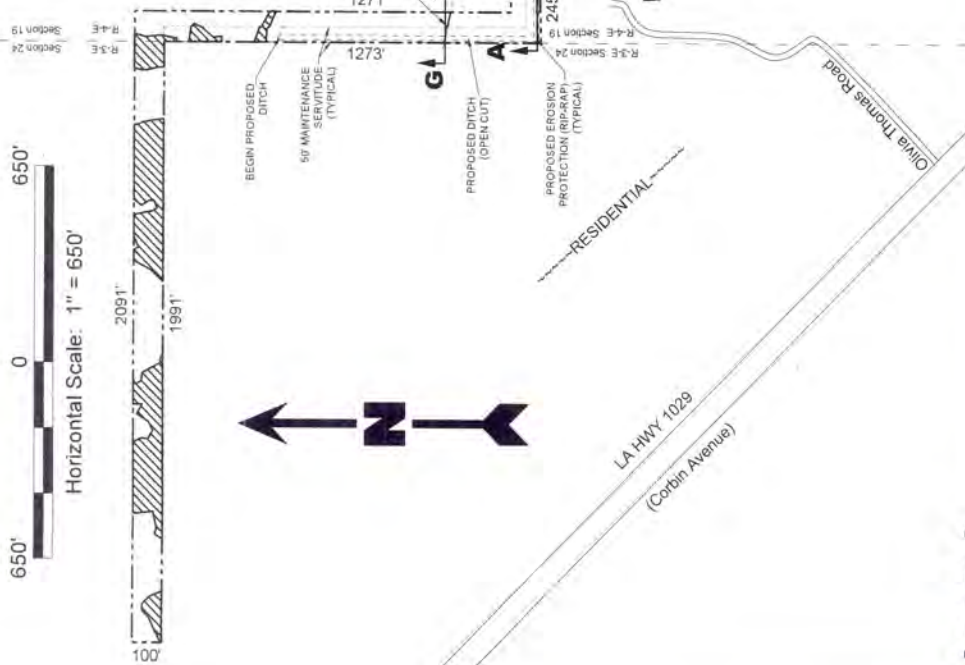
Date: 8-15-12

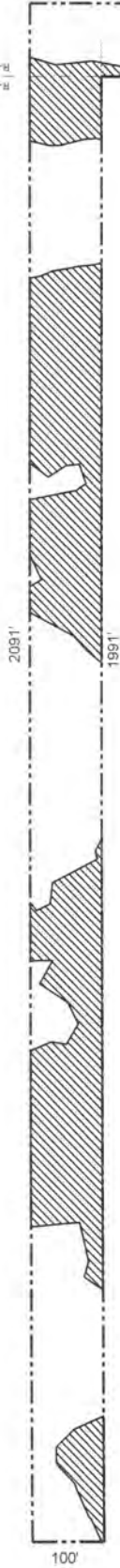
Figure No.: 1



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4. Wetland impacts shall consist of mechanized clearing of 1.56 acres, excavation of material as needed to install pipes and raised inlets. Wetland areas will not be permanently filled. Wetlands will be restored to pre-construction grades. Wetlands shall be kept clear of vegetation during dry periods to facilitate maintenance of drainage system.
5. Excess material will be hauled offsite to the maintenance yard for Livingston Parish Gravity Drainage District 5 located on Avants Road (See Vicinity Map).





## Total Proposed Fill

- Approximately 5112.21 Cubic Yards of Native Earthen Material.
- Approximately 78.32 Cubic Yards of Concrete.
- Approximately 1287.13 Cubic Yards of Bituminous Coated Corrugated Metal Pipe.
- Approximately 11.66 Cubic Yards of Limestone Rip-Rap.

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## Legend

- Property Boundary (19.32 Acres)
- Non-Wetlands (12.67 Acres)
- Total Jurisdictional Wetlands (5.51 Acres)
- Jurisdictional Wetlands Not To Be Impacted (3.95 Acres)
- Jurisdictional Wetlands To Be Cleared/Impacted (1.56 Acres)
- Total Other Waters Of The US (1.14 Acres)
- Other Waters Of The US To Be Impacted By Construction (0.80 Acres)
- Other Waters Of the US Not To Be Impacted (0.34 Acres)



## Livingston Parish Gravity Drainage District # 5

Corbin Avenue East Ditch Project

## Proposed Plan View

Livingston Parish, Louisiana

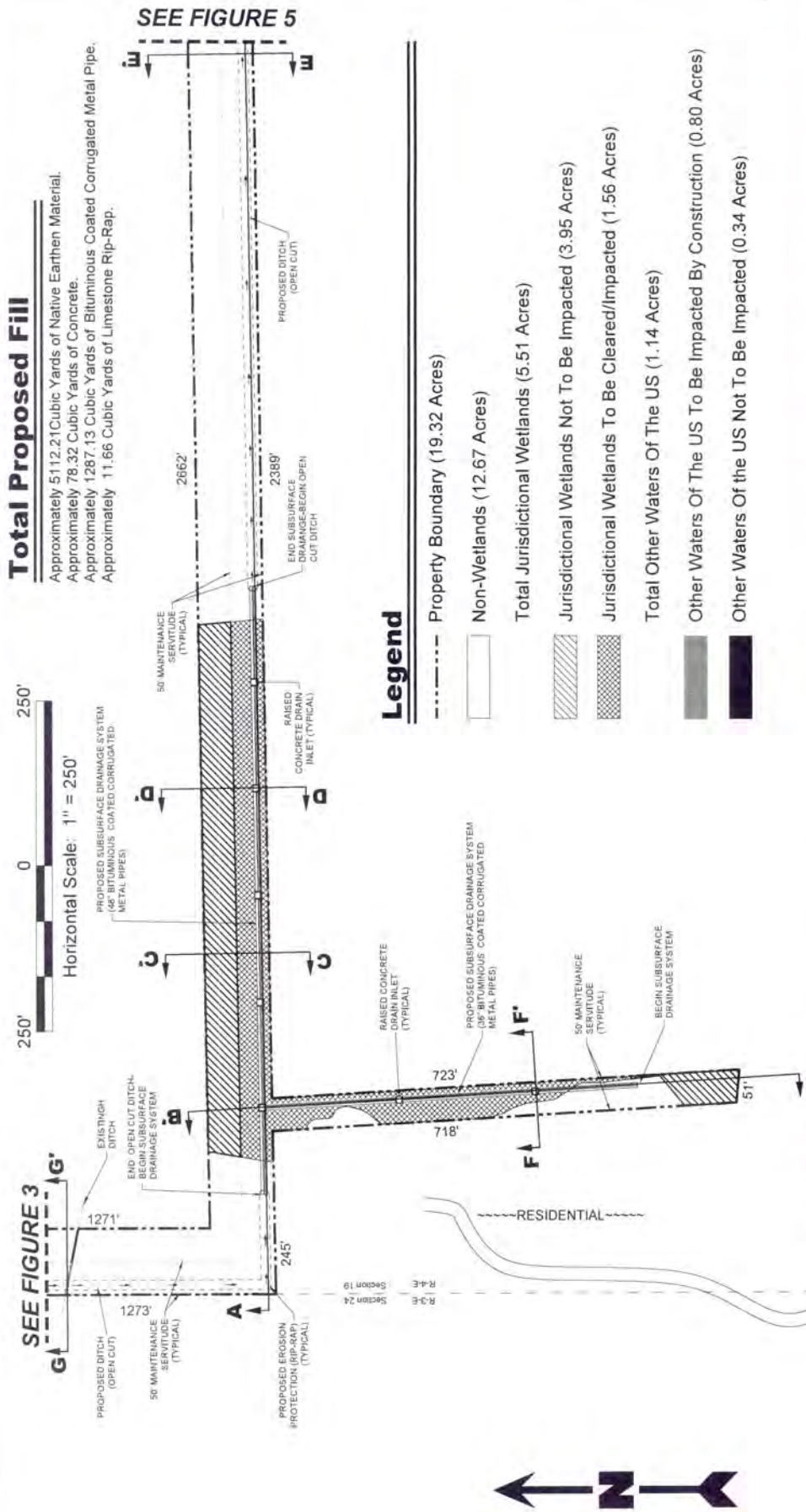




Horizontal Scale: 1" = 250'

250' 0 250'

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----- Property Boundary (19.32 Acres)

Non-Wetlands (12.67 Acres)

Total Jurisdictional Wetlands (5.51 Acres)

**Jurisdictional Wetlands Not To Be Impacted (3.95 Acres)**

**Jurisdictional Wetlands To Be Cleared/Impacted (1.56 Acres)**

Total Other Waters Of The US (1.14 Acres)

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**Livingston Parish Gravity Drainage  
District # 5**

# Corbin Avenue East Ditch Project

## Proposed Plan View

Livingston Parish, Louisiana

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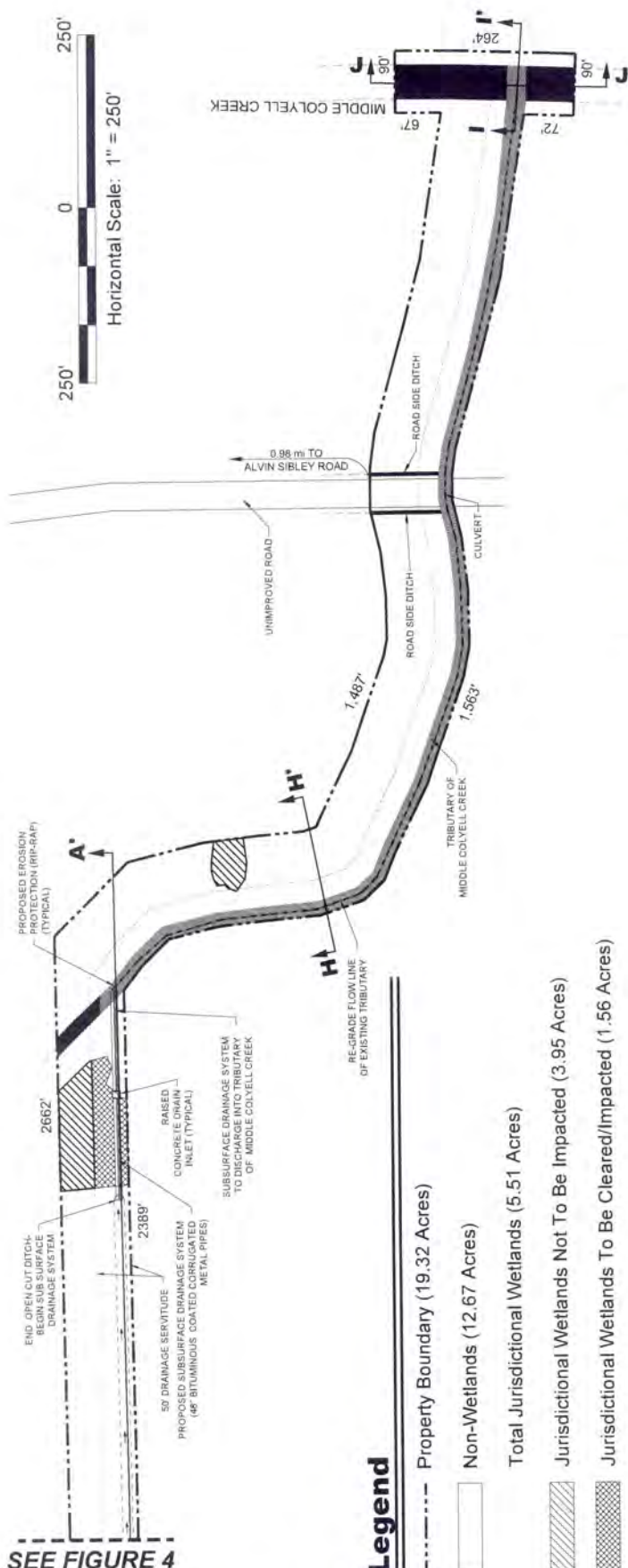


Project. No.:

12-2012-DOA

Date: 8-15-12

Figure No.: 4



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## Livingston Parish Gravity Drainage District # 5

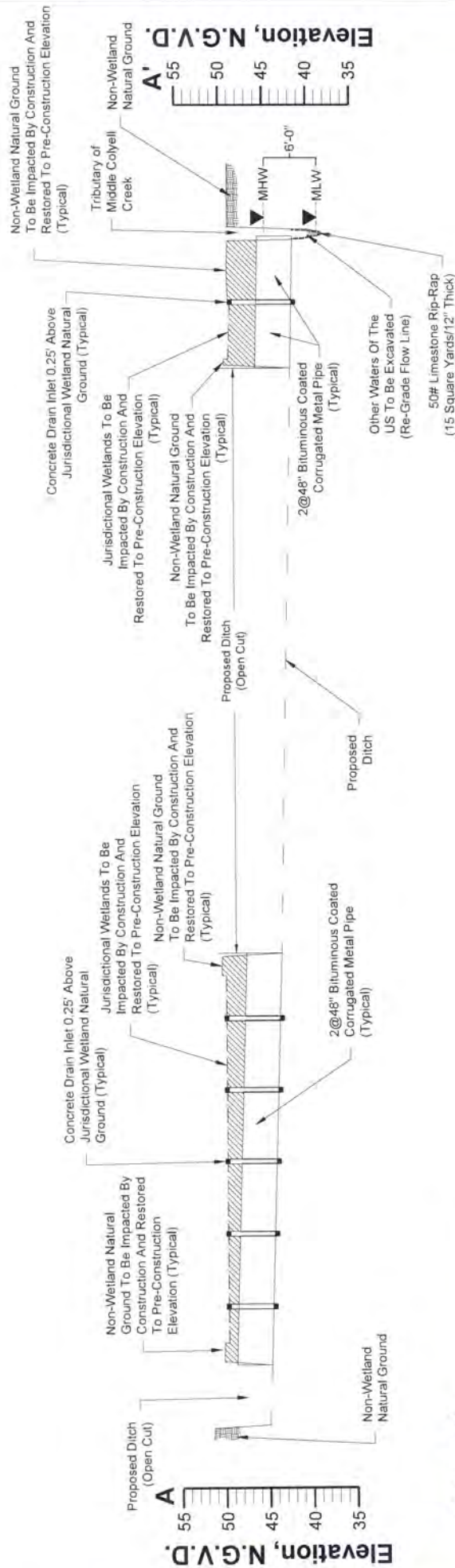
Corbin Avenue East Ditch Project

### Proposed Plan View

Livingston Parish, Louisiana







## Legend

Earthen Material (Native)

Concrete

MHW Mean High Water

MLW Mean Low Water

## Section A-A'

Horizontal Scale: 1" = 350'

Vertical Scale: 1" = 17.5'



Horizontal Scale: 1" = 350'

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## Livingston Parish Gravity Drainage District # 5

Corbin Avenue East Ditch Project

## Section View A-A'

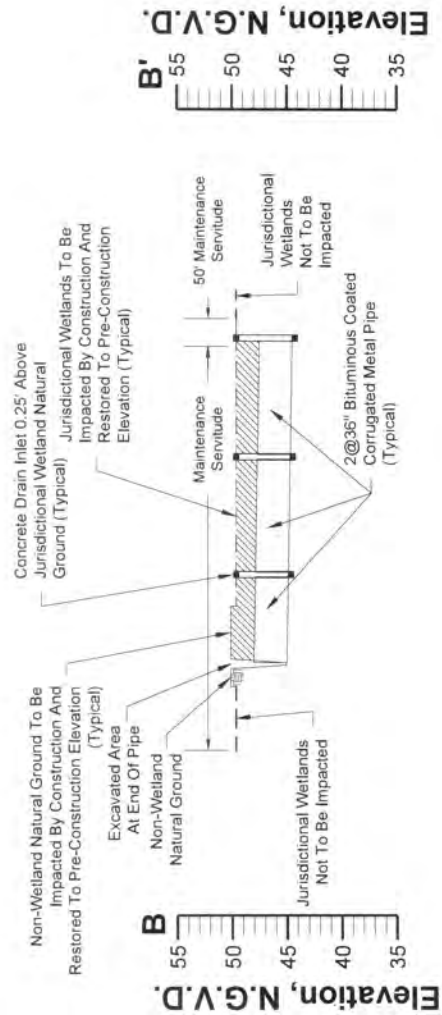
Livingston Parish, Louisiana





Project No.: 12-2012-DOA

Date: 8-15-12

Figure No.: 6



### Legend

-  Earthen Material (Native)
-  Concrete

### Section B-B'

Horizontal Scale: 1" = 350'  
Vertical Scale: 1" = 17.5'



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## Livingston Parish Gravity Drainage District # 5

Corbin Avenue East Ditch Project

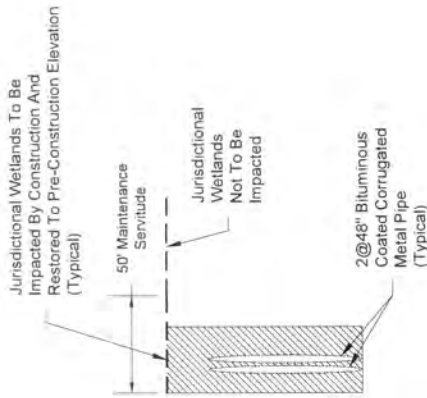
### Section View B-B'

Livingston Parish, Louisiana



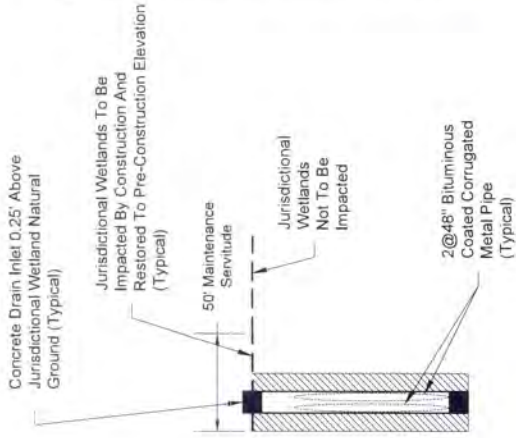
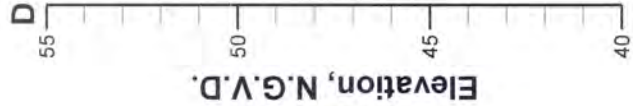
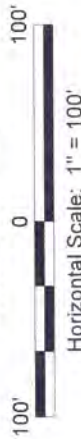

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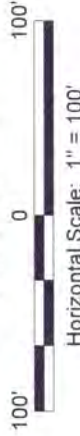
### Section C-C'

Horizontal Scale: 1" = 100'  
Vertical Scale: 1" = 5'



### Section D-D'

Horizontal Scale: 1" = 100'  
Vertical Scale: 1" = 5'



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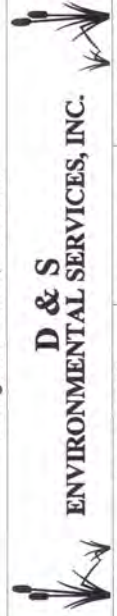
- Earthen Material (Native)
- Concrete

## Livingston Parish Gravity Drainage District # 5

Corbin Avenue East Ditch Project

### Section View C-C' And Section View D-D'

Livingston Parish, Louisiana



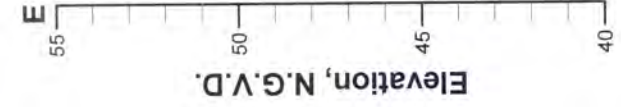
Project. No.:

12-2012-DOA

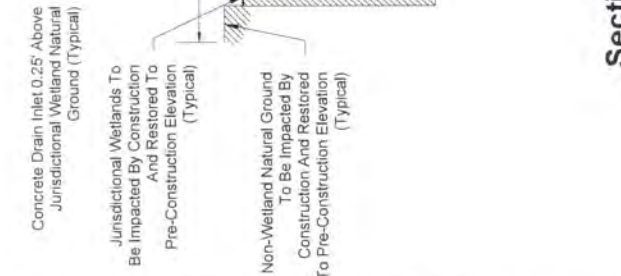
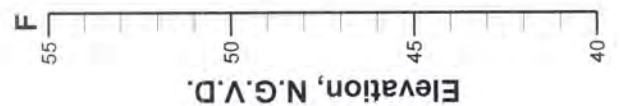
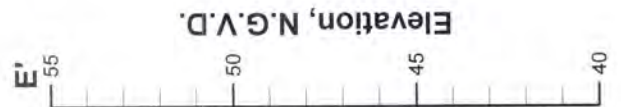
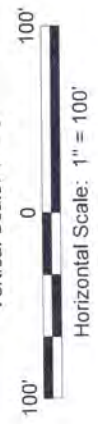
Date: 8-15-12

Figure No.: 8





**Section E-E'**  
Horizontal Scale: 1" = 100'  
Vertical Scale: 1" = 5'



**Section F-F'**  
Horizontal Scale: 1" = 100'  
Vertical Scale: 1" = 5'



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**Livingston Parish Gravity Drainage District # 5**


Corbin Avenue East Ditch Project

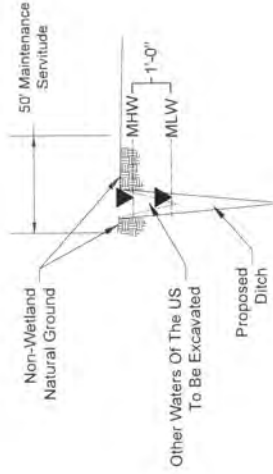
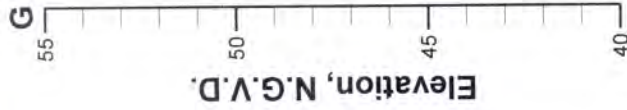
**Section View E-E'  
And Section View F-F'**

Livingston Parish, Louisiana



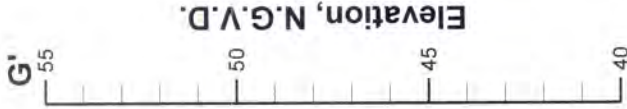
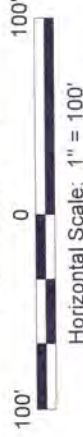
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**ENVIRONMENTAL SERVICES, INC.**





### Section G-G'

Horizontal Scale: 1" = 100'  
Vertical Scale: 1" = 5'



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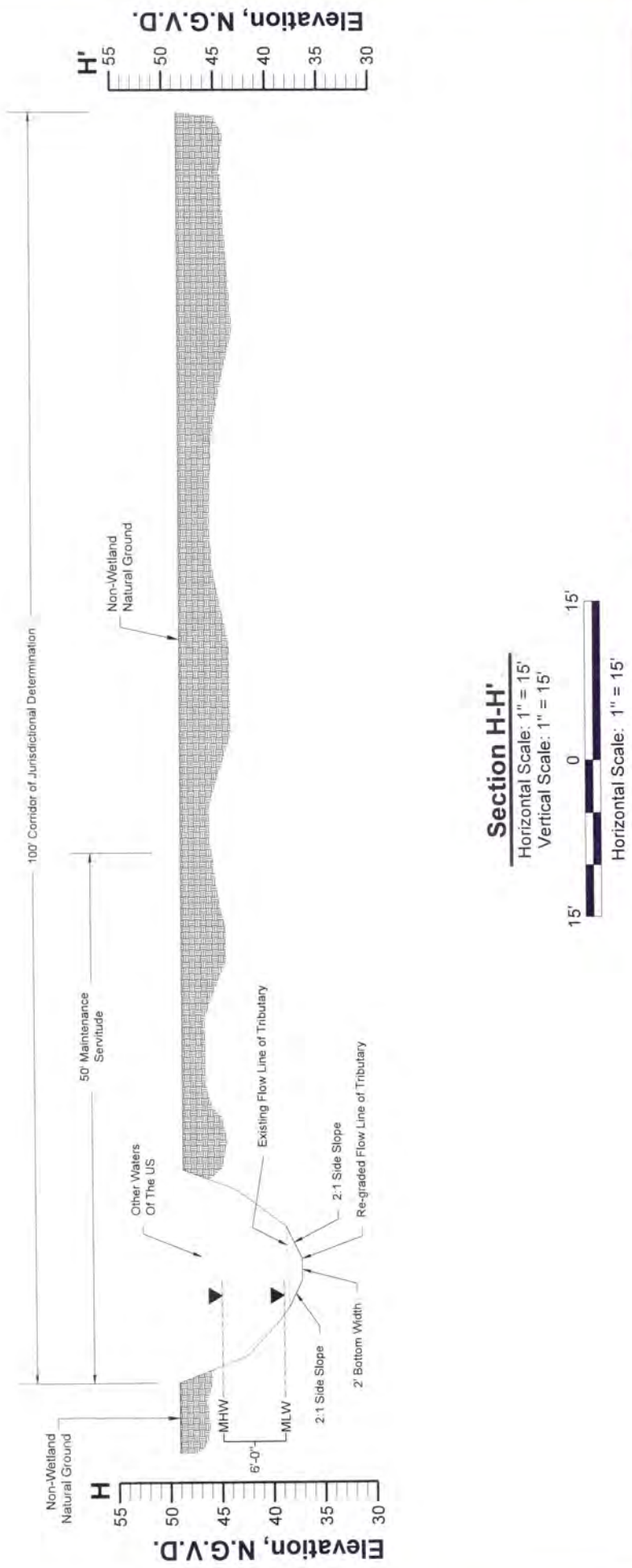
## Livingston Parish Gravity Drainage District # 5

Corbin Avenue East Ditch Project

### Section View G-G'

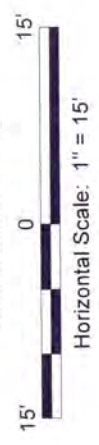
Livingston Parish, Louisiana





### Section H-H'

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### Legend

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**Livingston Parish Gravity Drainage District # 5**


Corbin Avenue East Ditch Project

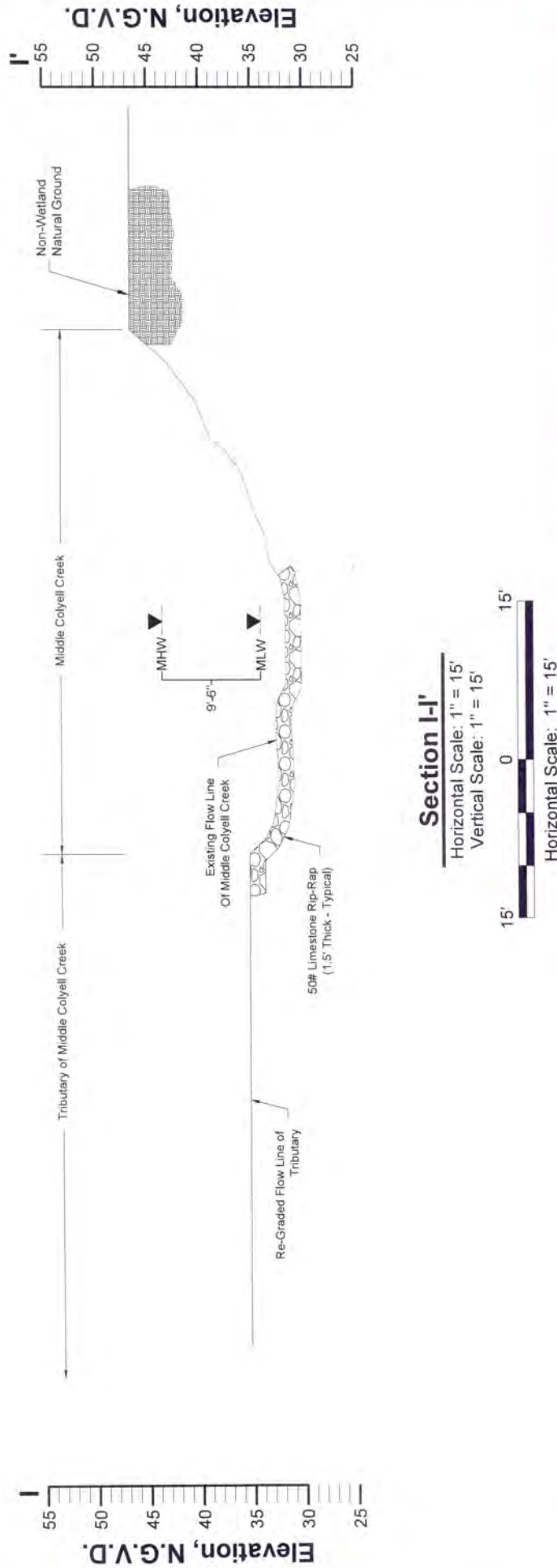
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Livingston Parish, Louisiana



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**ENVIRONMENTAL SERVICES, INC.**





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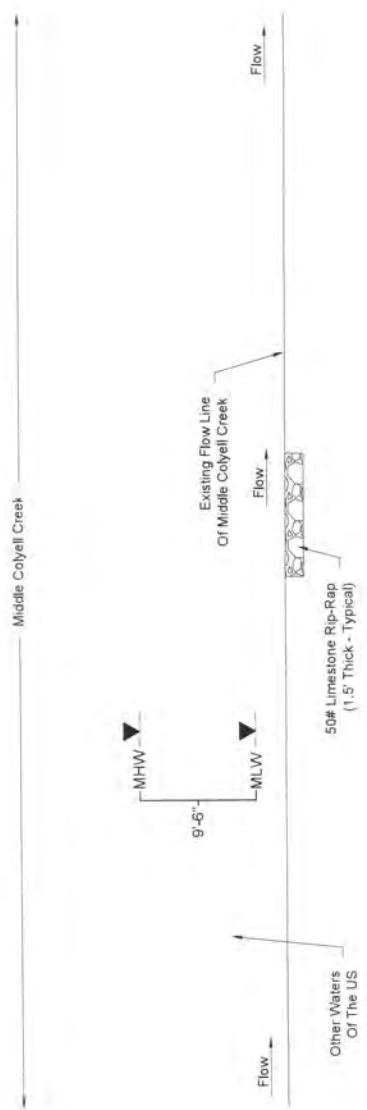
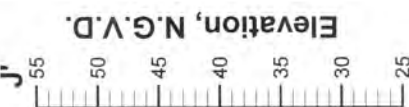
## Livingston Parish Gravity Drainage District #5

Corbin Avenue East Ditch Project

## Section View I-I'

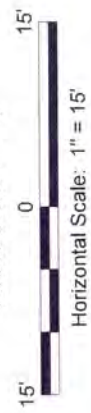
Livingston Parish, Louisiana





### Section J-J'

Horizontal Scale: 1" = 15'  
Vertical Scale: 1" = 15'



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Corbin Avenue East Ditch Project

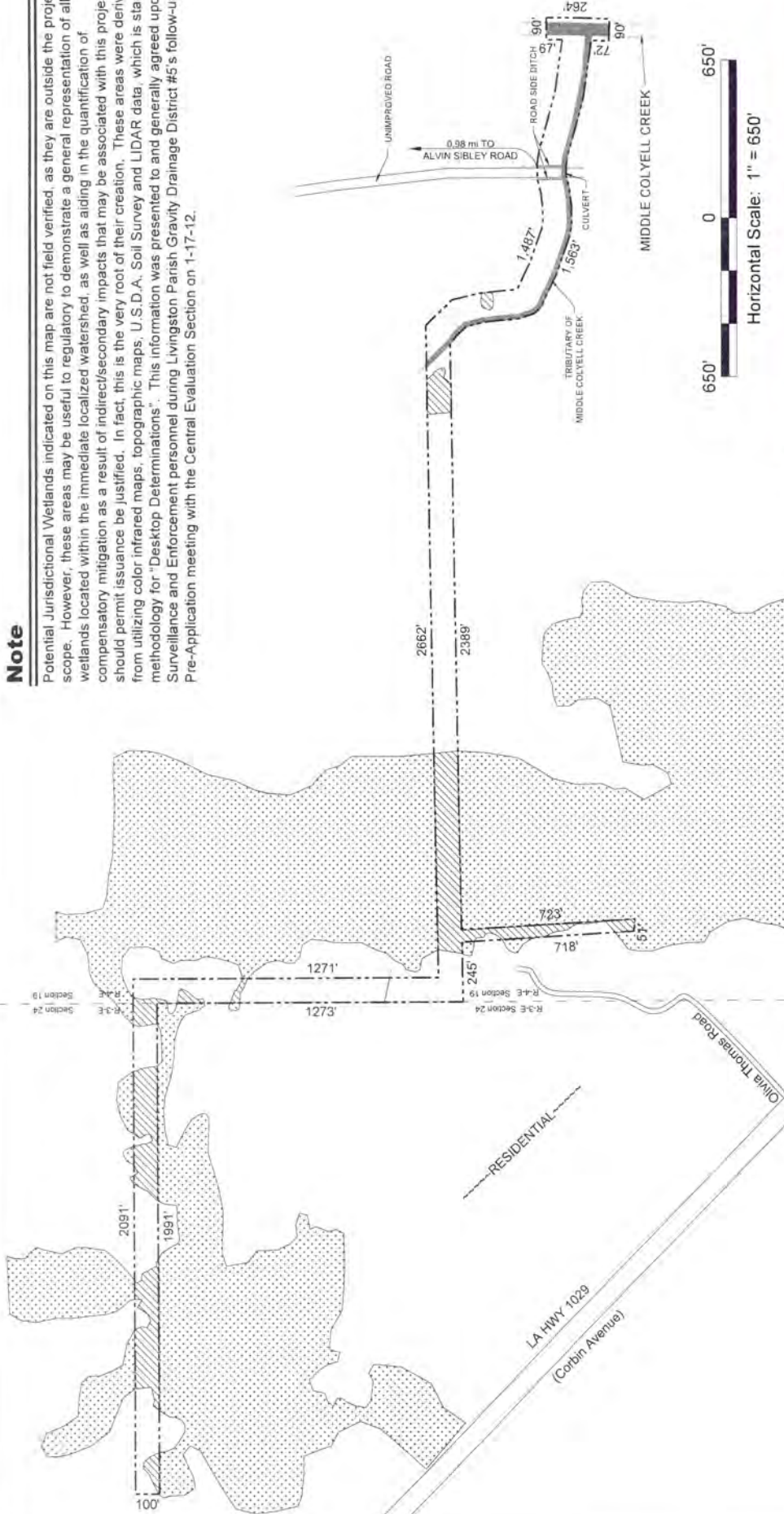
### Section View J-J'

Livingston Parish, Louisiana



## Note

Potential Jurisdictional Wetlands indicated on this map are not field verified, as they are outside the project's scope. However, these areas may be useful to regulatory to demonstrate a general representation of all wetlands located within the immediate localized watershed, as well as aiding in the quantification of compensatory mitigation as a result of indirect/secondary impacts that may be associated with this project should permit issuance be justified. In fact, this is the very root of their creation. These areas were derived from utilizing color infrared maps, topographic maps, U.S.D.A. Soil Survey and LIDAR data, which is standard methodology for "Desktop Determinations". This information was presented to and generally agreed upon by Surveillance and Enforcement personnel during Livingston Parish Gravity Drainage District #5's follow-up Pre-Application meeting with the Central Evaluation Section on 1-17-12.



## Legend

- Property Boundary (19.32 Acres)
- Non-Wetlands (12.67 Acres)
- ▨ Jurisdictional Wetlands (5.51 Acres)
- Other Waters Of the US (1.14 Acres)
- ▤ Potential Jurisdictional Wetlands (105.70 Acres)

## Livingston Parish Gravity Drainage District # 5

Corbin Avenue East Ditch Project

## Potential Jurisdictional Wetlands

Livingston Parish, Louisiana



Project No.: 12-2012-DOA

Date: 8-15-12

Figure No.: 14