



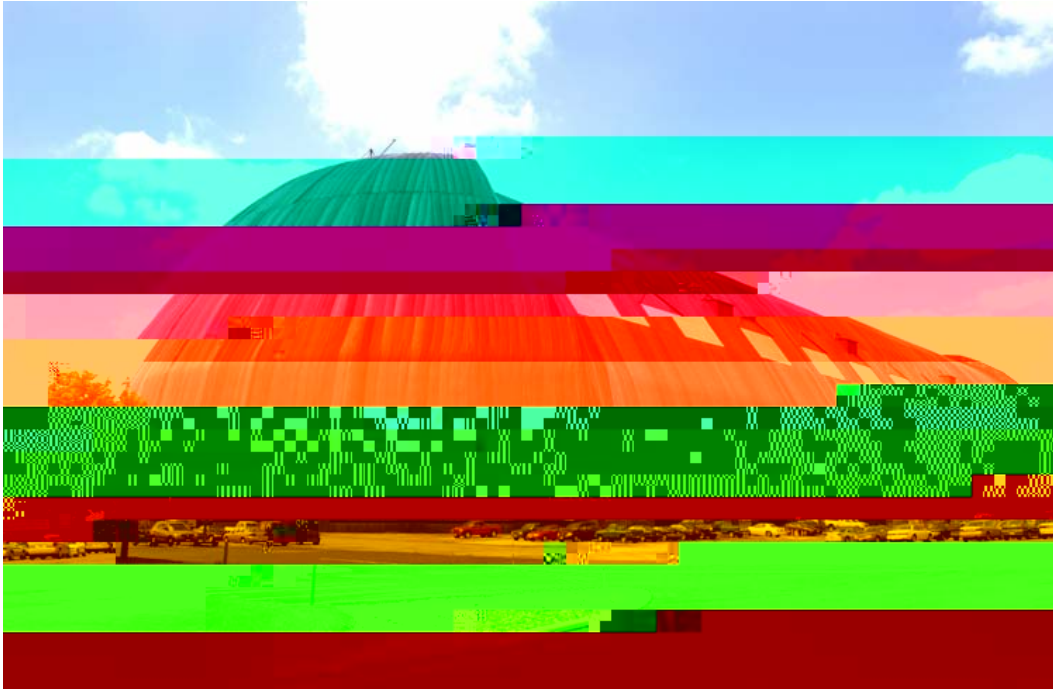
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# Airdock Exterior Remediation Plan and Schedule



Lockheed Martin Corporation  
June 08, 2005



A description of the field sampling efforts and the results are provided in Attachment 1.

### **3. Future Remedial Plan Elements**

The remediation strategy for the exterior of the Airdock and the surrounding areas is to encapsulate or remove siding materials coating that may contain PCBs. Once this is accomplished final cleanup of the grounds

helium compressor (fire pump house) building and the electrical substation building will be replaced because these materials also are RPM. The new siding will be corrugated painted metal and the translucent panels will be replaced with the same material.

A detailed bid proposal and specification packages are being developed for the demolition

August 2005. Relevant cleanup standards such as 25 mg/kg and 1 mg/kg will be applied as appropriate. This plan will detail what standards will be applied for the specific soil removal areas.

All analytical data will be provided to EPA as part of the approval application for soil remediation. This application will include the post-remediation confirmation sample strategy.

### **3.6 Concrete Removal and Disposal**

The concrete tarmac surrounding the Airdock has been subject to several rounds of sampling, with the average PCB concentration being less than 1 mg/kg and the highest result being 1.9 mg/kg. Lockheed Martin believes that the preponderance of data justifies (1) leaving the concrete in place with no further management or disposal regulations, and (2) allowing the on-site or off-site disposal of any removed concrete as non-PCB waste or as clean fill.

Lockheed Martin plans to request a risk-based disposal approval in accordance with 40 CFR 761.61(b) for these actions by August 2005.

### **3.7 Storm Drain Cleaning**









Once the north Airdock doors and rear lips of all four doors are covered with the rubber membrane and all of the Airdock and outbuilding vertical siding has been replaced, the storm drain system will be cleaned. This effort will include all catch basins and drain lines that originate at or proximate to the Airdock and end at the outfall to Haley's Ditch. The plan is to use high-pressure water to scour the catch basins and drain pipes. The wash water and sediments will be collected at certain manholes and brought to a central segregation system on Lockheed Martin property. The system will segregate the sediments from the water. The water will be tested and discharged to the local sewer system in accordance with TSCA regulations and subject to appropriate approvals of the City of Akron. The sediment will be tested and properly disposed.

Once the details of the storm drain sewer repair and cleaning are finalized, application for a risk-based disposal approval under 40 CFR 761(c) will be submitted, focusing primarily on use of a visual or measurement-based standard for any pipe remaining in use or disposed of. It is anticipated that this application will be submitted mid-2006.

### **3.8 Storm Drain Repair**

All of the storm water from the Airdock and surrounding area discharges to Haley's ditch just beyond Triplet Boulevard approximately 1 mile north of the Airdock. The end of the City of Akron storm drain system is immediately north of Triplet Boulevard. At some time in the past, an apparently unauthorized extension of the storm drain system was installed on private property immediately north of Triplet Boulevard. This segment is approximately 200 feet long and ends near a parcel of property owned by Lockheed

Martin. The land surface above the storm drain extension was paved and currently serves as a parking lot. The materials used and

ID		Task Name	Duration	Start
1		Soil Sample Plan Preparation	11 days?	Tue 2/1/05
2		Soil Sample Draft Plan	1 day?	Wed 2/16/05
3		Final Soi Sample Plan Preparation	8 days?	Thu 2/17/05
4		Final Soil Sampling Plan	1 day?	Tue 3/1/05
5		Soil Sample Plan approval and funding	44 days?	Wed 3/2/05
6		Soil sample collection and analysis	19 days?	Tue 5/3/05
7		Soil Sample Report Preparation	10 days?	Mon 5/30/05
8		Final Soil Sample Report	1 day?	Mon 6/13/05
9		Soil Excavation Plan Preparation	11 days?	Tue 2/1/05

10
















ID  
39

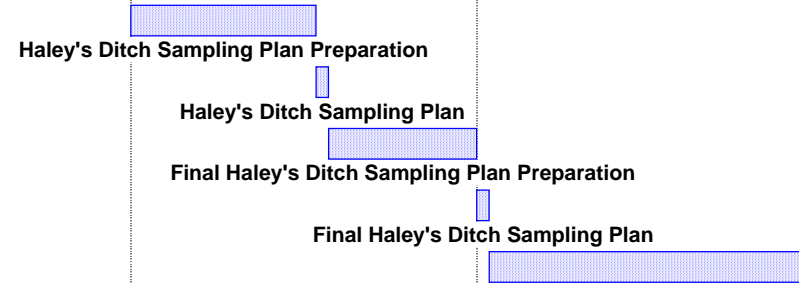


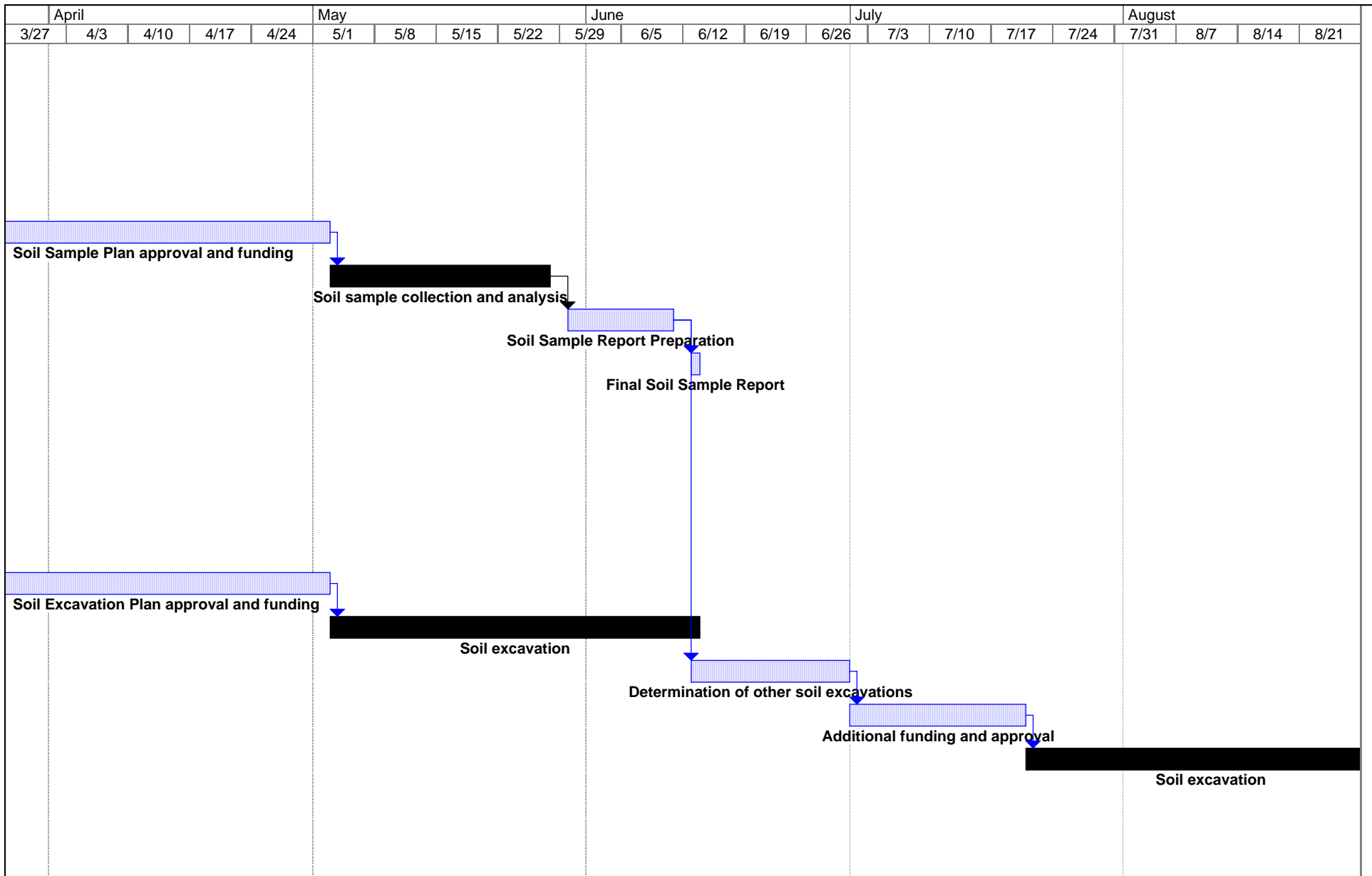
Task Name

Duration

Start

ID		Task Name	Duration	Start
58		Storm Drain Plan approval and funding	14 days	Thu 10/5/06
59		Final Storm Drain Cleaning	14 days	Wed 10/25/06
60		Haley's Ditch Sampling Plan Preparation	11 days?	Tue 2/1/05
61		Haley's Ditch Sampling Plan	1 day?	Wed 2/16/05
62		Final Haley's Ditch Sampling Plan Preparation	8 days?	Thu 2/17/05
63		Final Haley's Ditch Sampling Plan	1 day?	Tue 3/1/05
64		Haley's Ditch Sampling approval and funding	44 days?	Wed 3/2/05
65		Haley's Ditch Soil sample collection and analysis	19 days?	Tue 5/3/05
66		Haley's Ditch Soil Sample Report Preparation	10 days?	Mon 5/30/05
67		Final Haley's Ditch Soil Sample Report	1 day?	Mon 6/13/05
68		Determination of follow-on actions	14 days	Tue 6/14/05
69		Follow-on actions at Haley's Ditch	1 day?	Mon 7/4/05
70		Airdock Gutter Replacement	120 days?	Mon 5/9/05
71		North Door Covering - Door 1	75 days?	Mon 8/8/05
72		North Door Covering - Door 2	75 days?	Mon 8/7/06
73		Rear side covering of all four doors	75 days?	Mon 8/8/05





Project: Akron Exterior Remediation  
 Date: Fri 7/14/06

Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	



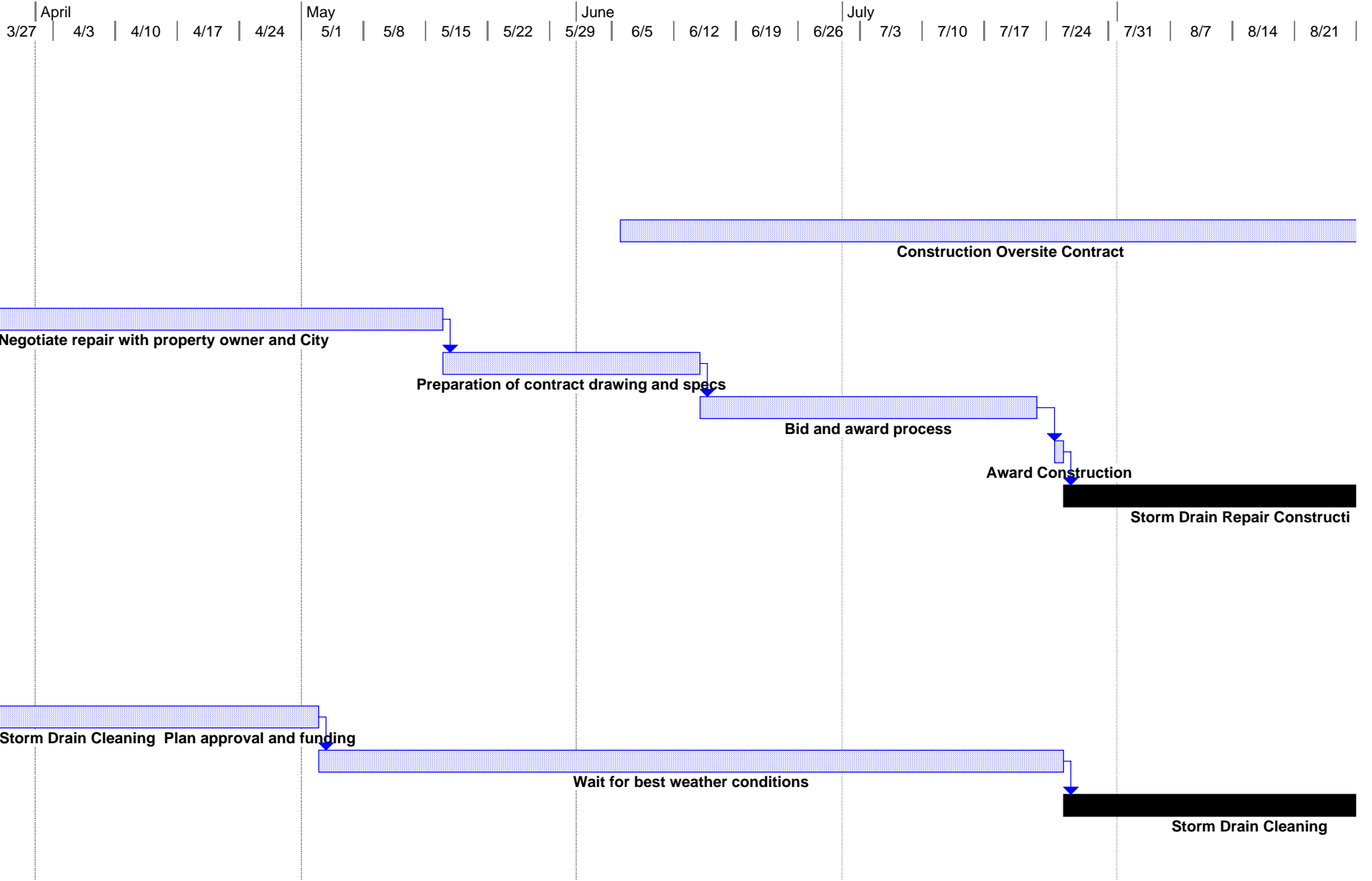
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April

3/27 | 4/3 | 4/10 | 4/17 | 4/24

May

5/1 | 5/8 | 5/15 | 5/22

June

5/29 | 6/5 | 6/12 | 6/19 | 6/26

July

7/3 | 7/10 | 7/17 | 7/24

7/31 | 8/7 | 8/14 | 8/21



**Negotiate repair with property owner and City**



**Preparation of contract drawing and specs**



**Bid and award process**



**Award Construction**



**Storm Drain Repair Constructi**



**Storm Drain Cleaning Plan approval and funding**



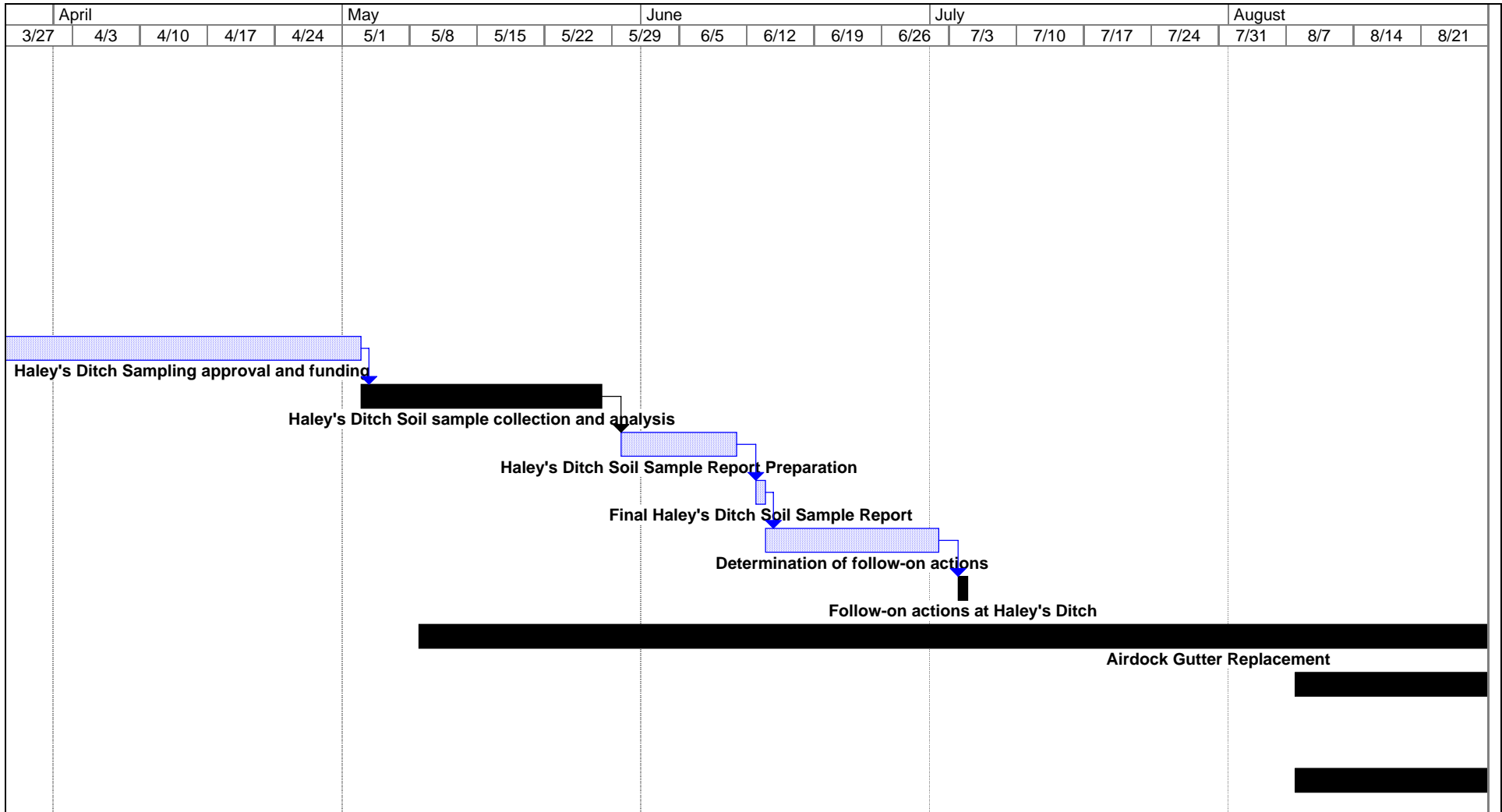
**Wait for best weather conditions**



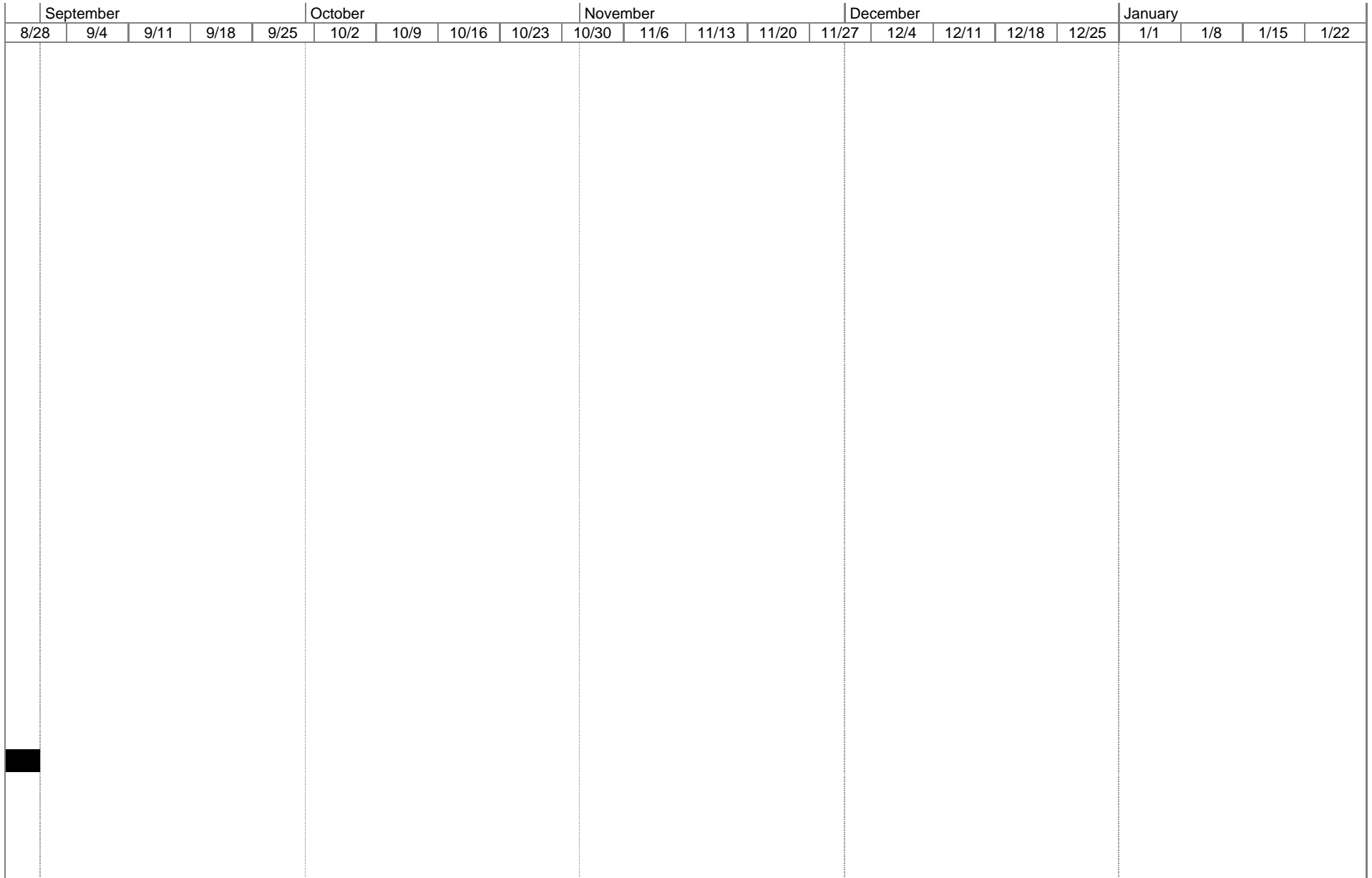
**Storm Drain Cleaning**

**Construction Oversight Contract**





Project: Akron Exterior Remediation Date: Fri 7/14/06	Task		Milestone		External Tasks	
	Split		Summary		External Milestone	
	Progress		Project Summary		Deadline	



Project: Akron Exterior Remediation

Task



Milestone



External Tasks



Split



Summary



External Milestone



Progress



Project Summary



Deadline



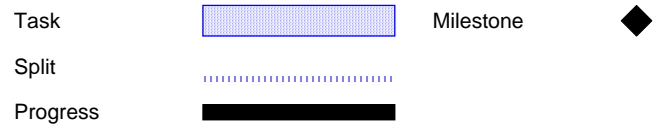
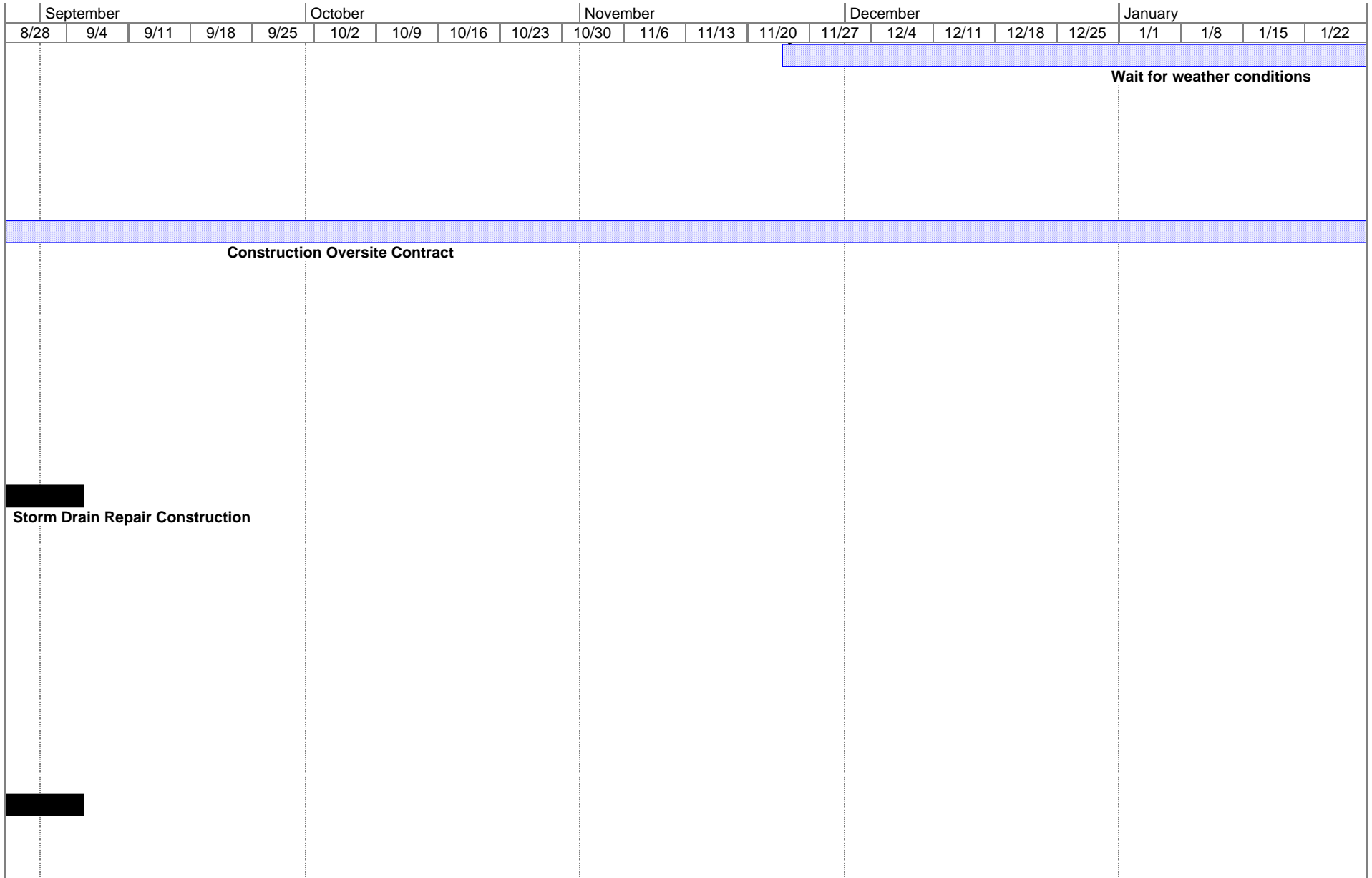


September					October				November					December				January			
8/28	9/4	9/11	9/18	9/25	10/2	10/9	10/16	10/23	10/30	11/6	11/13	11/20	11/27	12/4	12/11	12/18	12/25	1/1	1/8	1/15	1/22

**Siding Replacement - Part 1**

Project: Akron Exterior Remediation  
Date: Fri 7/14/06

Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	





February				March				April				May				June					
1/29	2/5	2/12	2/19	2/26	3/5	3/12	3/19	3/26	4/2	4/9	4/16	4/23	4/30	5/7	5/14	5/21	5/28	6/4	6/11	6/18	6/25

Task



Milestone



Split



Summary



Progress



February				March				April				May				June					
1/29	2/5	2/12	2/19	2/26	3/5	3/12	3/19	3/26	4/2	4/9	4/16	4/23	4/30	5/7	5/14	5/21	5/28	6/4	6/11	6/18	6/25

Task



Milestone



Split



Summary



Progress





February					April					May					June							
1/29	2/5	2/12	2/19	2/26	3/5	3/12	3/19	3/26	4/2	4/9	4/16	4/23	4/30	5/7	5/14	5/21	5/28	6/4	6/11	6/18	6/25	

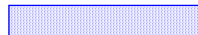
Task 

Split 

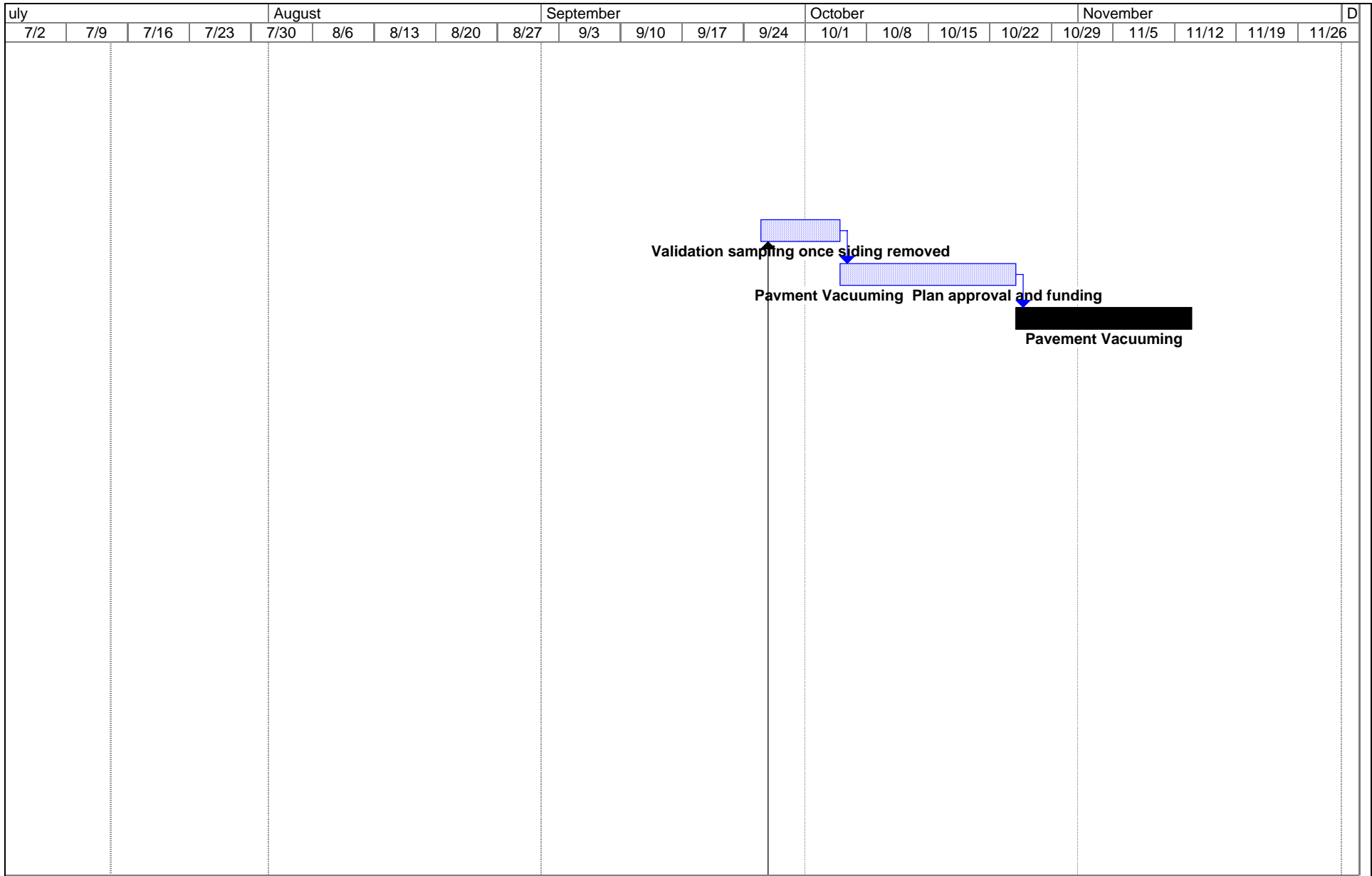
Progress 

July				August				September				October				November				D	
7/2	7/9	7/16	7/23	7/30	8/6	8/13	8/20	8/27	9/3	9/10	9/17	9/24	10/1	10/8	10/15	10/22	10/29	11/5	11/12	11/19	11/26

Task  
Split

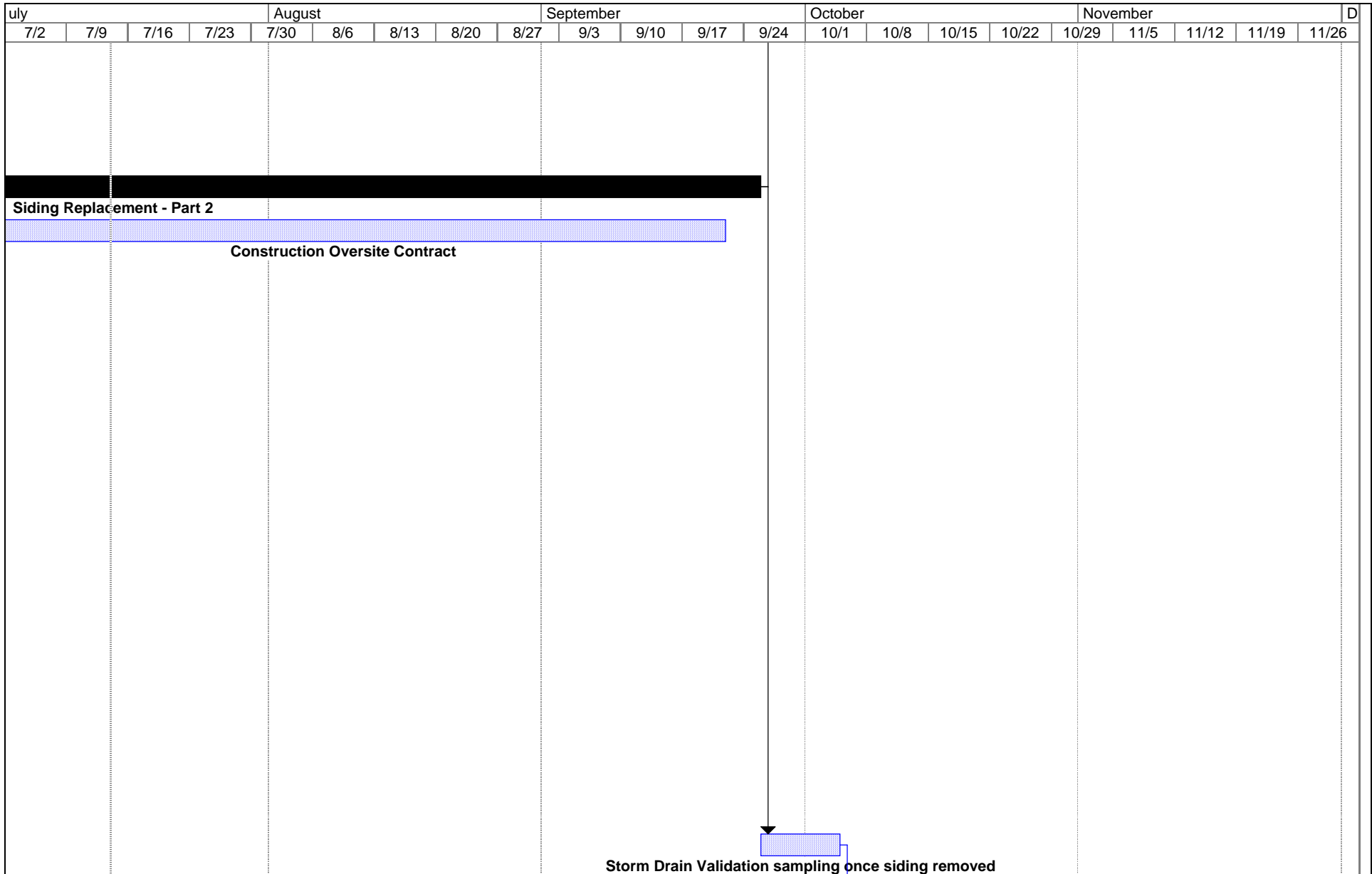






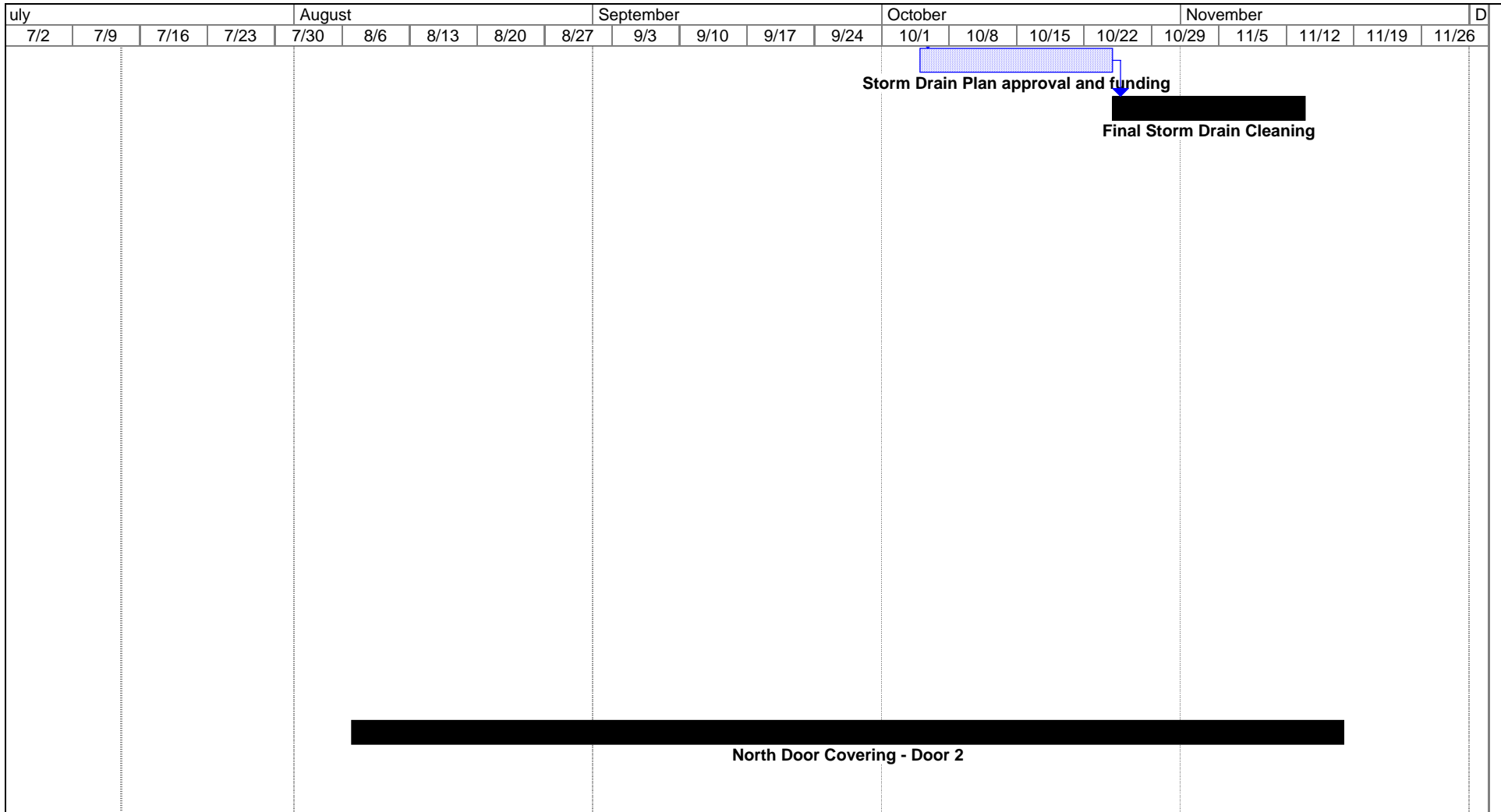
Project: Akron Exterior Remediation  
 Date: Fri 7/14/06

Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	




Project: Akron Exterior Remediation  
 Date: Fri 7/14/06

Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	



Project: Akron Exterior Remediation  
Date: Fri 7/14/06

Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	

June 09, 2005

Mr. Tony Martig  
Mailstop DT-8J  
U.S. EPA – Region 5  
77 West Jackson Boulevard  
Chicago, IL 60604-3590

Dear Mr. Martig,

The materials attached to this letter serves as Lockheed Martin Corporation's submission pursuant to Paragraph 68(a) of the Consent Agreement and Final Order between Lockheed Martin and the United States Environmental Protection Agency dated May 5, 2005. Included are the plans and schedule for remediation of the Airdock exterior and surrounding areas.

The attached plan and schedule represent a continuation of ongoing remediation efforts at the Airdock that began in 2003. Two copies are included for your convenience.

The exterior remediation activities will be coordinated by David Gunnarson. He can be reached at 330-796-8751. If you have any questions, please contact me at 330-796-8070.

Sincerely,

Brad Heim

Attachments:

Airdock Remediation Plan and Schedule, June 08, 2005  
Airdock 2003-2004 Exterior Sampling Summary





**Attachments:**

Figure 1 – Concrete Apron Sample Results Map

Figure 2 – Soils Sample Results Map

Figure 3 – Concrete Area Soil Sample Results Map

Figure 4 – Catch Basin and Rain Gutter Soil Sample Results Map

Figure 5 – Haley's Ditch Soil Sample Results Map

Table 1 – Akron Airdock Exterior Sample Summary

## **Airdock 2003 – 2004 Exterior Sampling Summary**

The following information summarizes the collection and analysis of samples taken exterior to the Airdock from September 2003 through April 2004.

### 1. Sample Collection

A sample identification scheme was developed to assist in providing unique sample numbers to provide a relationship between the sample number and its media. A two place code was developed to describe the ty





**Attachments:**

Figure 1 – Concrete Apron Sample Results Map

Figure 2 – Soils Sample Results Map

Figure 3 – Concrete Area Soil Sample Results Map

Figure 4 – Catch Basin and Rain Gutter Soil Sample Results Map

Figure 5 – Haley’s Ditch Soil Sample Results Map

Table 1 – Akron Airdock Exterior Sample Summary

NOTES:

LEGEND:

BUILDING NUMBER AND OUTLINE

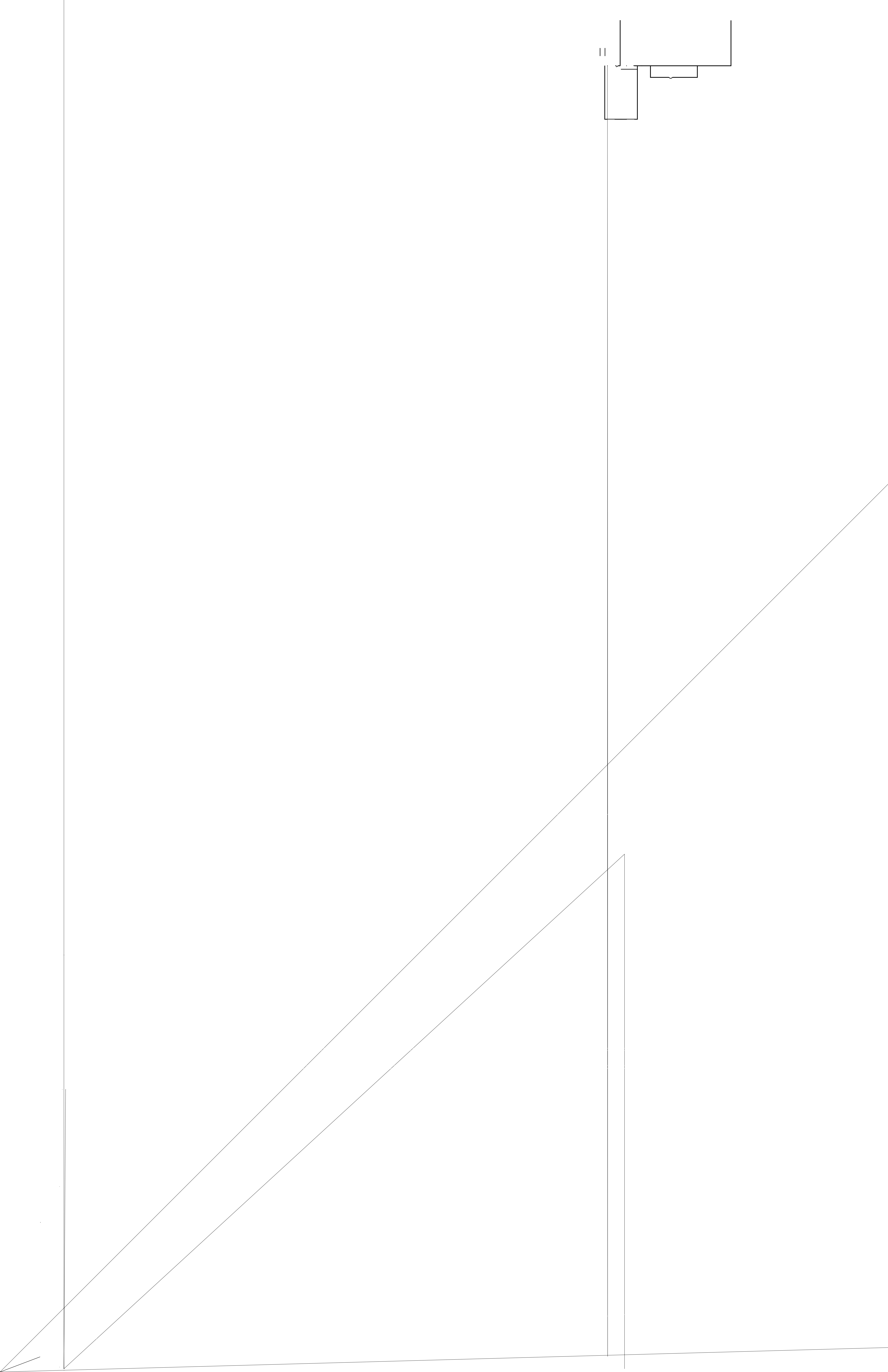
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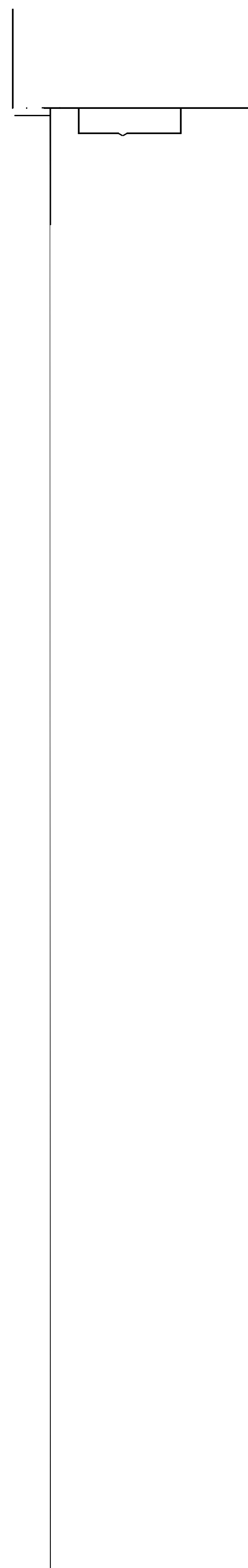
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ARCH LINE

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