

# HERENA USA. E.LOMBARD STREET

## 1622-1634 E LOMARD STREET

### BALTIMORE, MARYLAND, 21212



**M.A Design Group LLC**  
Consulting Engineers  
1705 Chester Mill Road  
Silver Spring, MD 20906

MEP  
SiTo Engineering,  
1334 9th Street,  
NW Suite 206  
Washington DC, 20001

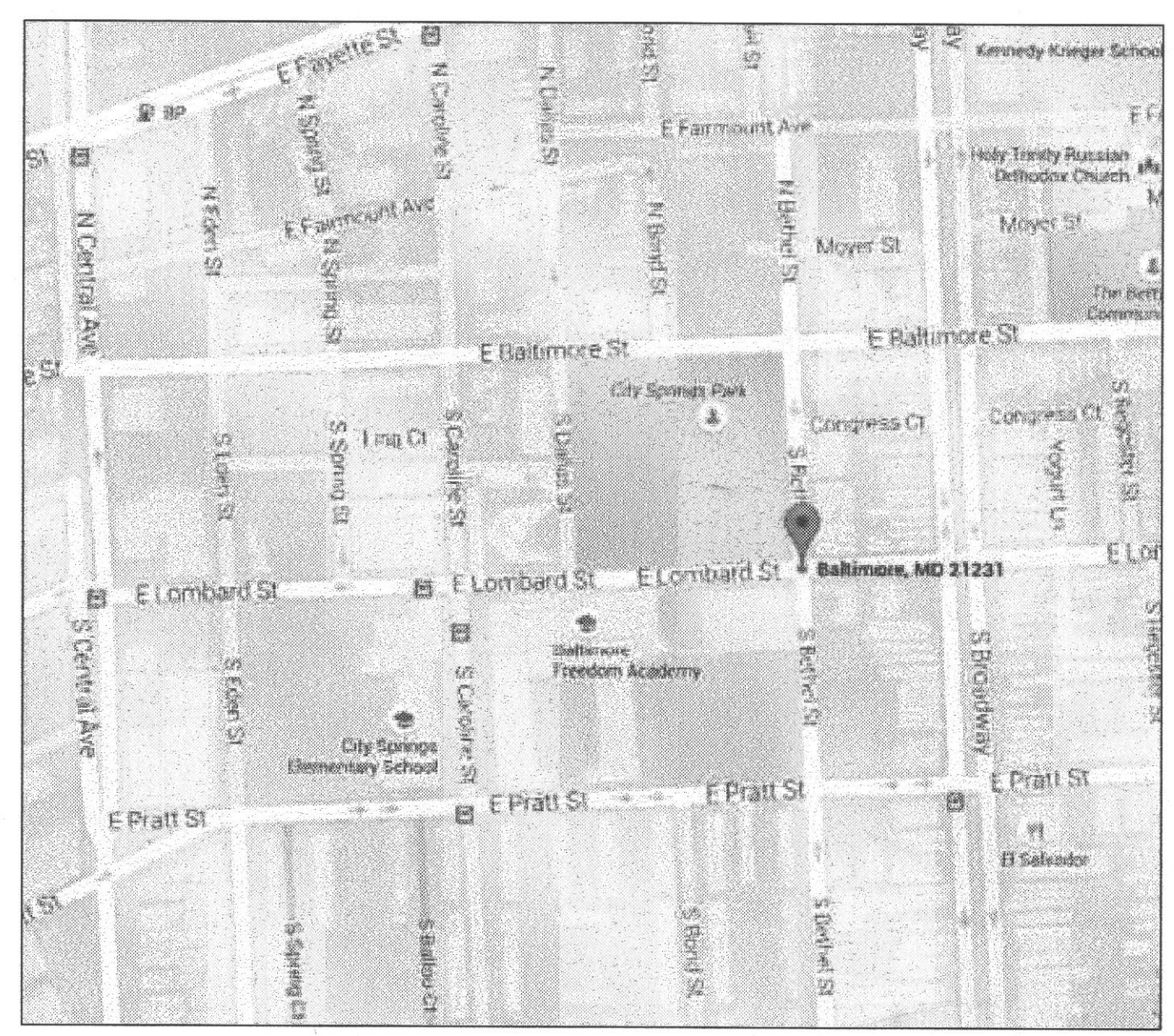
Owner / Client  
**Herena USA, LLC**  
210 E. Lexington Street  
Baltimore, Maryland 21202

Herena USA  
E. Lombard Street  
1622-1634 Lombard Street  
922 S. Bethel Street  
Baltimore, MD 21212

**PROJECT NARRATIVE**

THE PROJECT IS LOCATED AT E LOMBARD STREET. THE SITE CURRENTLY IS OCCUPIED BY AN ABANDONED WAREHOUSE. THE PROPOSED DEVELOPMENT CONSISTS OF THE CONSTRUCTION OF 23 TOWNHOUSE UNITS FRONTING BETHEL STREET AND IRON ALLEY.

UTILITIES WILL BE PROVIDE FROM BETHEL STREET AND IRON ALLEY. STORM WATER WILL BE CONVEYED THROUGH A SERIES OF MICRO BIORETENTION FACILITIES LOCATED IN THE COURTYARD OF THE DEVELOPMENT AND ULTIMATELY PIPED VIA 15 INCH RCP TO AN EXISTING INLET LOCATED AT THE INTERSECTION OF LOMBARD AND BETHEL STREET.



**VICINITY MAP**  
SCALE: 1"=300'

**SHEET INDEX**

- C-0.0 COVER SHEET
- C-0.10 STANDARD NOTES
- C-1.00 EXISTING CONDITION
- C-1.10 SUBDIVISION PLAN
- C-2.00 SITE/UTILITY PLAN
- C-2.10 SITE PAVING PLAN 1
- C-2.11 SITE PAVING PLAN 2
- C-2.115 SITE PAVING PROFILE AND DETAIL
- C-2.12 STORMDRAIN PROFILE
- C-2.13 SANITARY SEWER PROFILE
- C-2.14 SANITARY SEWER SERVICE PLAN & NOTES
- C-2.15 SITE DETAILS-1
- C-2.16 SITE DETAIL-2
- C-2.20 WATER SERVICE PLAN-1
- C-2.21 WATER SERVICE PLAN-2
- C-2.30 STORMWATER MANAGEMENT NOTES AND DETAILS
- C-2.31 STORMWATER MANAGEMENT NOTES AND SPECIFICATIONS
- C-3.00 INITIAL EROSION AND SEDIMENT CONTROL PLAN
- C-3.10 FINAL EROSION AND SEDIMENT CONTROL PLAN
- C-3.20 EROSION AND SEDIMENT CONTROL DETAILS
- C-3.30 EROSION AND SEDIMENT CONTROL DETAILS AND NOTES
- C-3.40 EROSION AND SEDIMENT CONTROL NOTES
- C-3.50 EROSION AND SEDIMENT CONTROL NOTES
- SWM-1 EXISTING CONDITION DRAINAGE AREA MAP
- SWM-2 PROPOSED CONDITION DRAINAGE AREA MAP
- SWM-3 WATER QUALITY DRAINAGE AREA MAP
- SWM-4 STORMWATER MANAGEMENT CALCULATIONS

Natural Resources Inventory							
Federal Regulated			State Regulated		Local Regulated		
Present? (Y/N)	Feature	Legend Symbology	Present? (Y/N)	Feature	Legend Symbology	Present? (Y/N)	Feature
N	Wetlands		N	Tidal and Nontidal Wetlands		N	Steep Slopes
N	Major Waterways		N	Wetlands of Special State Concern		N	Highly Erodible Soils
N	Floodplains		N	Wetland Buffers		N	Enhanced Stream Buffers
			N	Stream Buffers		N	Topography / Slopes
			N	Perennial Streams		N	Springs
			N	Floodplains		N	Seeps
			N	Forests		N	Intermittent Streams
			N	Forest Buffers		N	Vegetative Cover
			N	Critical Areas		N	Soils
						N	Bedrock/Geology
						N	Existing Drainage Area
						N	Existing SWM Facilities

Updated 3/1/2016

Soils Data Table					
Symbol	Soil Series	Slope	Hydric	Highly Erodible? (K)	Hydrologic Classification
44UC	Urban Land	0 to 15%	N/A	N/A	D

EROSION AND SEDIMENT CONTROL  
 STORMWATER MANAGEMENT  
**APPROVED**  
SEDIMENT CONTROL AND STORMWATER MANAGEMENT REPRESENTATIVE  
6/15/17  
DATE

REV	DESCRIPTION	DATE
4	SWM-ES	05/20/2017
3	SWM-ES	09/29/2016
2	SWM-ES	08/15/2016
1	BID-SET	02/5/2016

REVISION HISTORY



Date: 02/5/2016  
Project # 1501.01

CIVIL COVER SHEET

C-0.0.0

**ESD # 7121**

Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.  
License No. 21718, Expiration Date: 2017-09-16