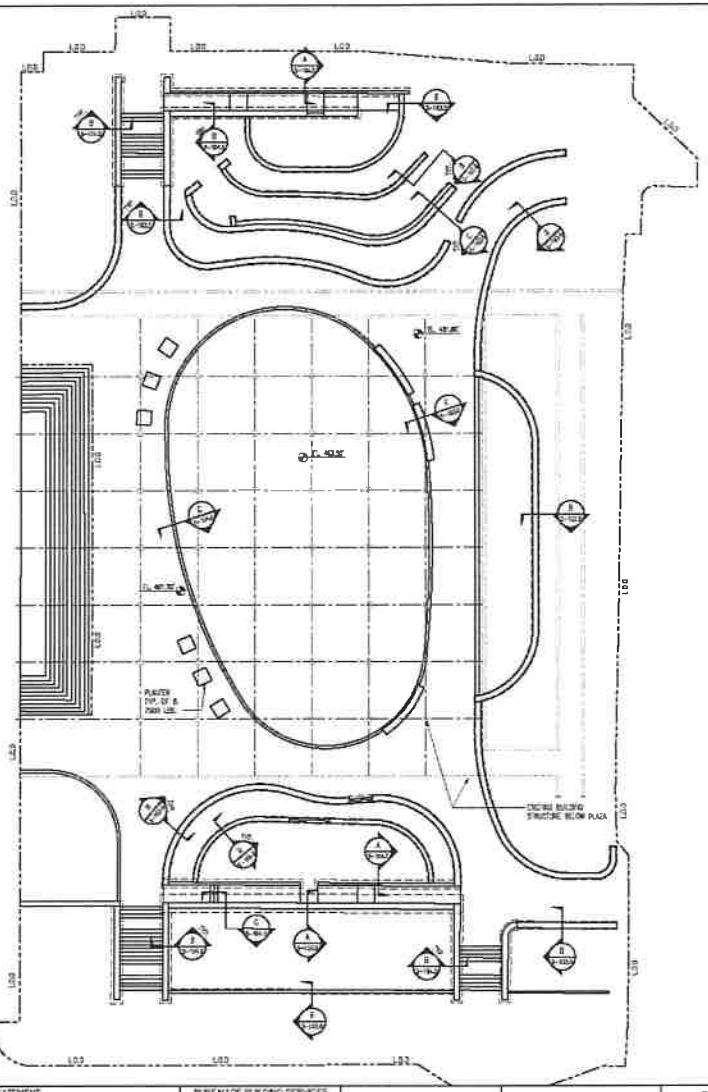


PLAZA PLAN

NOTES:

1.) HIGH POINT OF TOP OF EXISTING STRUCTURAL SLAB BELOW PLAZA IS AT ELEVATION 430.83' (CONFORMS OF STRUCTURE). SLAB SLOPES DOWNWARDS TO EXTERIOR WALLS. LOW POINT OF EXISTING SLAB AT NORTH AND SOUTH WALLS IS AT ELEVATION 430.00'

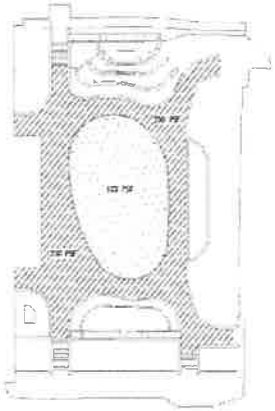
2.) FINAL GRADES SHOWN ON DRAWINGS L-105 DATED 8/8/2017 SHOULD NOT BE EXCEEDED WITHOUT PRIOR APPROVAL OF COLUMBIA ENGINEERING.

3.) REFER TO LIVE LOADING KEY PLAN FOR MAX ALLOWED LIVE LOAD ON EXISTING BUILDING STRUCTURE. THIS INCLUDES DURING CONSTRUCTION.

4.) ALL PRE-CAST RETAINING WALLS AND OTHER PRE-CAST SITE STRUCTURES ARE TO BE DESIGNED BY THE MANUFACTURER. THIS INCLUDES CONNECTIONS TO CIP CONCRETE FOOTINGS. THE MANUFACTURER MUST SUBMIT DRAWINGS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN MARYLAND FOR REVIEW.

5.) ⊕— DENOTES FINISH ELEVATIONS OF SITE

6.) REFER TO CIVIL DRAWINGS FOR FINAL LOCATIONS OF ALL ELEMENTS.



LIVE LOADING KEY PLAN

ENGINEER CERTIFICATION STATEMENT

I certify that these documents were prepared or approved by me, and that I am a duly licensed engineer under the laws of the State of Maryland, license number 14679, expiration date 6/30/2018

BUREAU OF BUILDING SERVICES

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REVISION	DATE	BY	P.W.A. NO.	KEY SHEETS	PLOT/SCAN SHEETS	DRAWING SCALE
						PLAN: PROFILE:

DESIGN AND DRAWING BASED ON MARYLAND COORDINATE SYSTEM HORIZONTAL - NAD 83 VERTICAL - NAVD 88

1 INCH = 20 FEET

BALTIMORE COUNTY OFFICE OF BUDGET AND FINANCE - PROPERTY MANAGEMENT DIVISION

BALTIMORE COUNTY
PATRIOT PLAZA RENOVATIONS
401 BOSLEY AVENUE, TOWSON, MD 21204

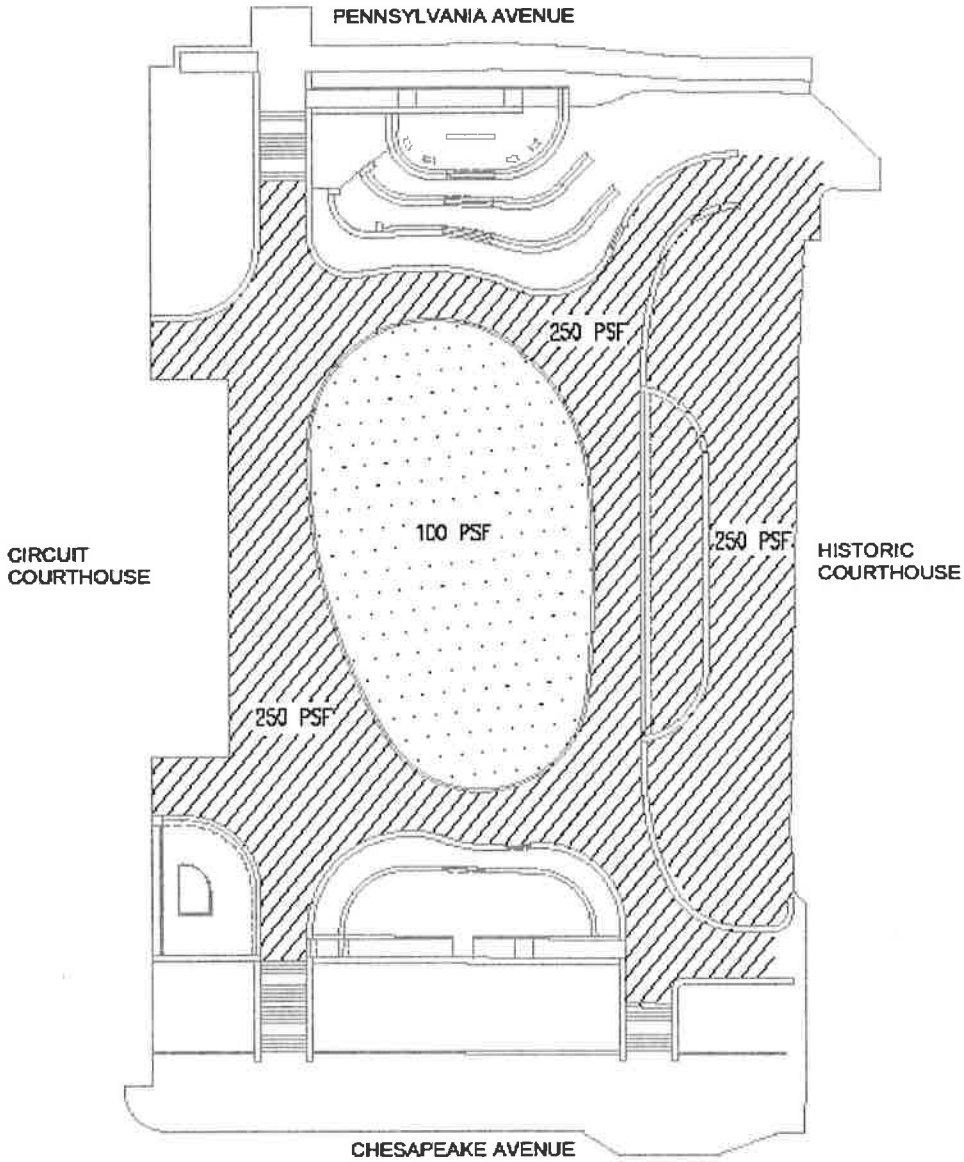
SUBDIVISION TOWSON

ELECT. DISTRICT NO. 9C5

PROPERTY MANAGEMENT DIVISION

SHEET DESIGNATION	CONTRACT NO.
S-102.0	
JOB ORDER NO.	
17-10298-001	
SHEET ___ OF ___	
DRAWING NO.	
FILE NO.	

PATRIOT PLAZA - BALTIMORE COUNTY



LIVE LOADING KEY PLAN

NOTE: This plan indicates the capacity of the framing to support live loads above the weight of the landscaping, waterproofing and topping slab that are installed. The loads shown are uniform loads only. The original framing was not designed for wheel loads. So a fire truck and any other type of truck must not be allowed to drive on to the plaza.

Table 3 – Preparation of Concrete Surfaces Using Water

Terminology/ Technique	Purpose/ Use	Typical Water Pressure (psi)	Typical Water Consumption (gpm)	Removal Capability
Low Pressure Washing/Hoses	Flushing of road salts	25 – 40	6-10	Loose sand and debris
Med. Pressure Washing Power Washer	Cleaning	2000 – 4000	10 (minimum)	Loose paint, sludge
High Pressure Washing Compressor*	Light surface preparation	5000 – 8000	18 (minimum)	Sealer, traffic topping, paint removal
Waterblasting*	Heavy surface preparation	8000 – 12000	18 (minimum)	Sealer, traffic topping, patch prep., everything

**High pressure washing and waterblasting are not typical maintenance items. Experienced contractors with an engineer's direction should perform these procedures.*