

HVS-A & Safety Lab Site Design Update

Presented to: Airport Pavement Working Group

By: Murphy Flynn

Date: April 16, 2013



Federal Aviation
Administration



•Award of Site Design

- **Award Design Contract Later than Anticipated**

- RFP sent June 11, 2012
- Technical Center Fire June 21, 2012
- All available A/E manpower was shifted to support of post fire activities
- All available FAA Facilities Engineers shifted to post fire support activities
- Response to RFP received July 23
- Clarifications and final RFP received August 13

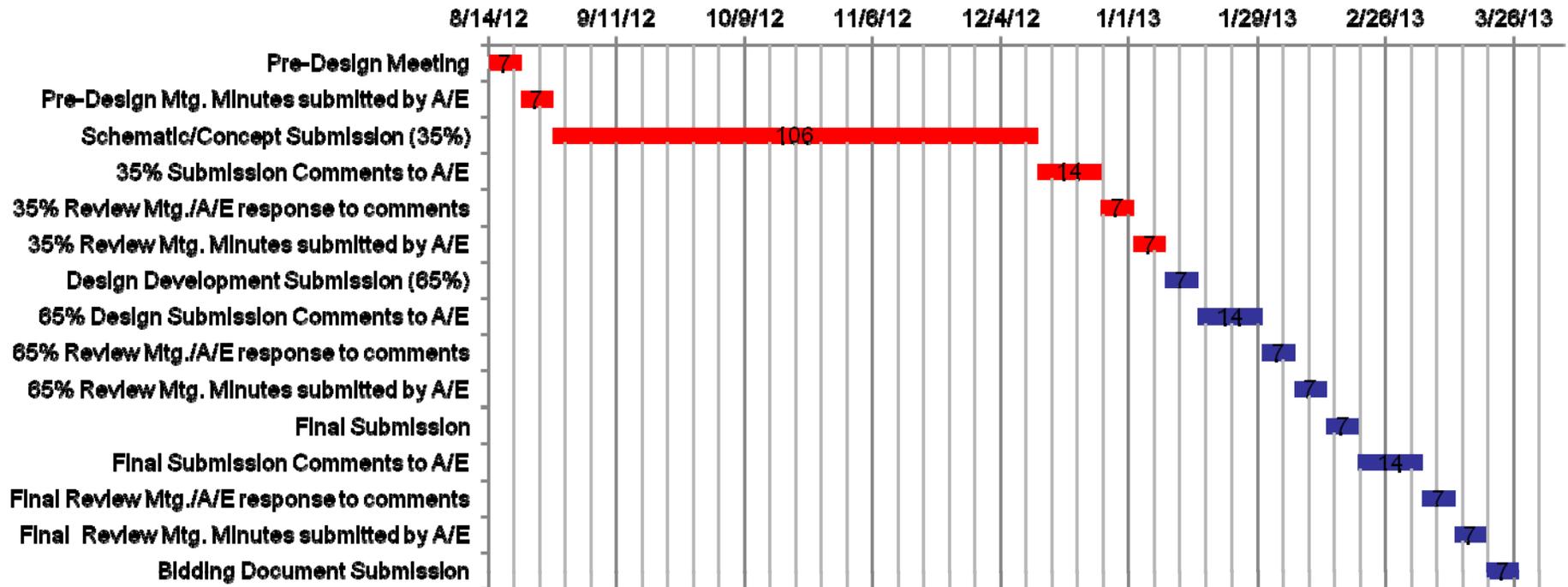
- **Site design awarded August 14**

Timeline

- Dec. 2010 – Submitted to MPSB
- Feb. 2011 – Received MPSB Acceptance
- Jun. 2011 – Requested SOW for EA
- Dec. 2011- EA SOW completed
- Mar. 2012 – Awarded EA
- May 2012 - SOW Engineering & Site Design
 - Includes Building, Storm Water & Soil Conservation Plans
- June 2012 - RFP for Site Design
- Aug. 2012 – Complete EA – Signed February 25, 2013
- August 2012 – Award Eng. & Site Design – Awarded 8/14/12
- April 2013 – Complete Site Design
- June 2013 – Award Construction



Design Contract Schedule

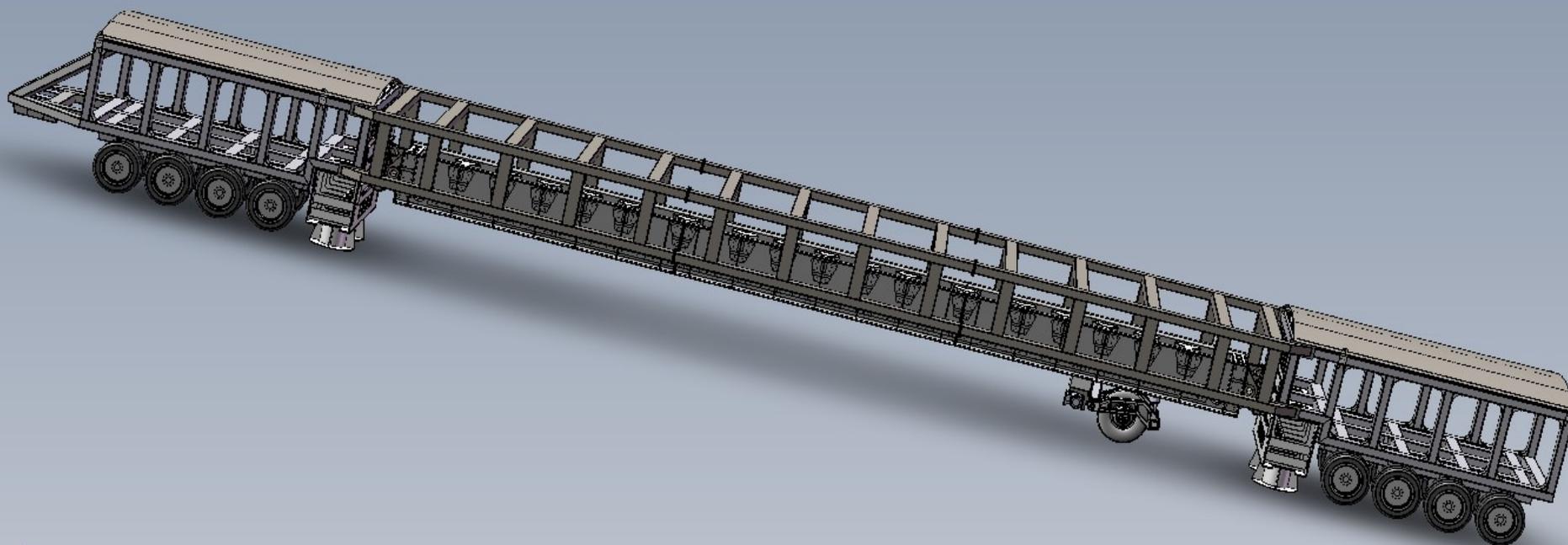
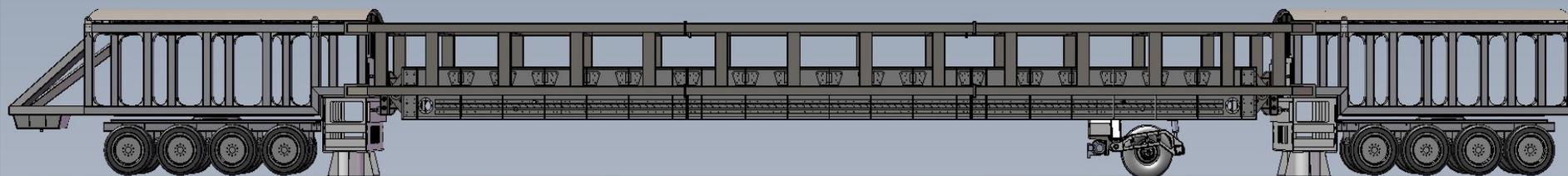


Conceptual Site Layout



35% Design Layout





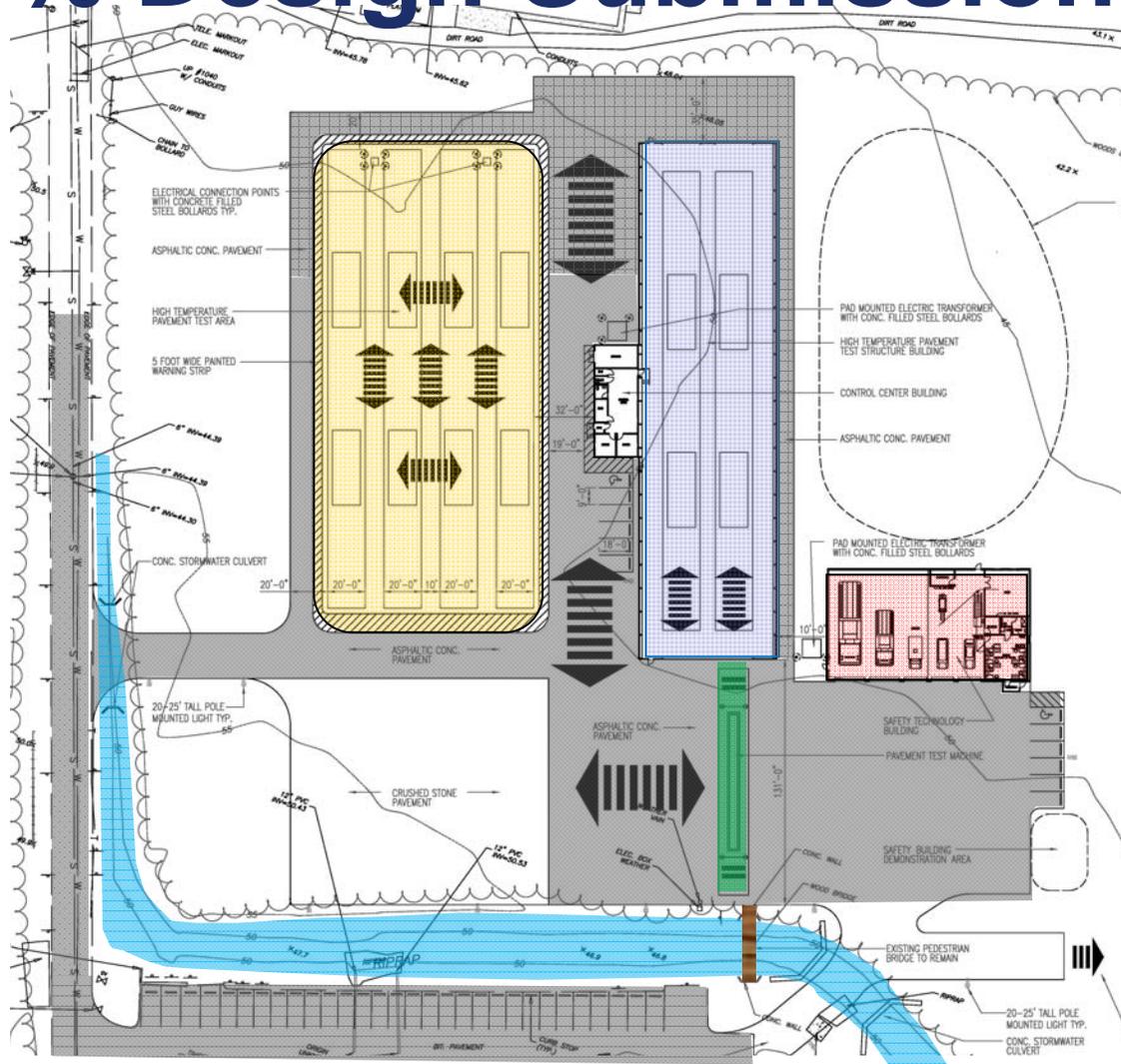
LENGTH: 121-feet

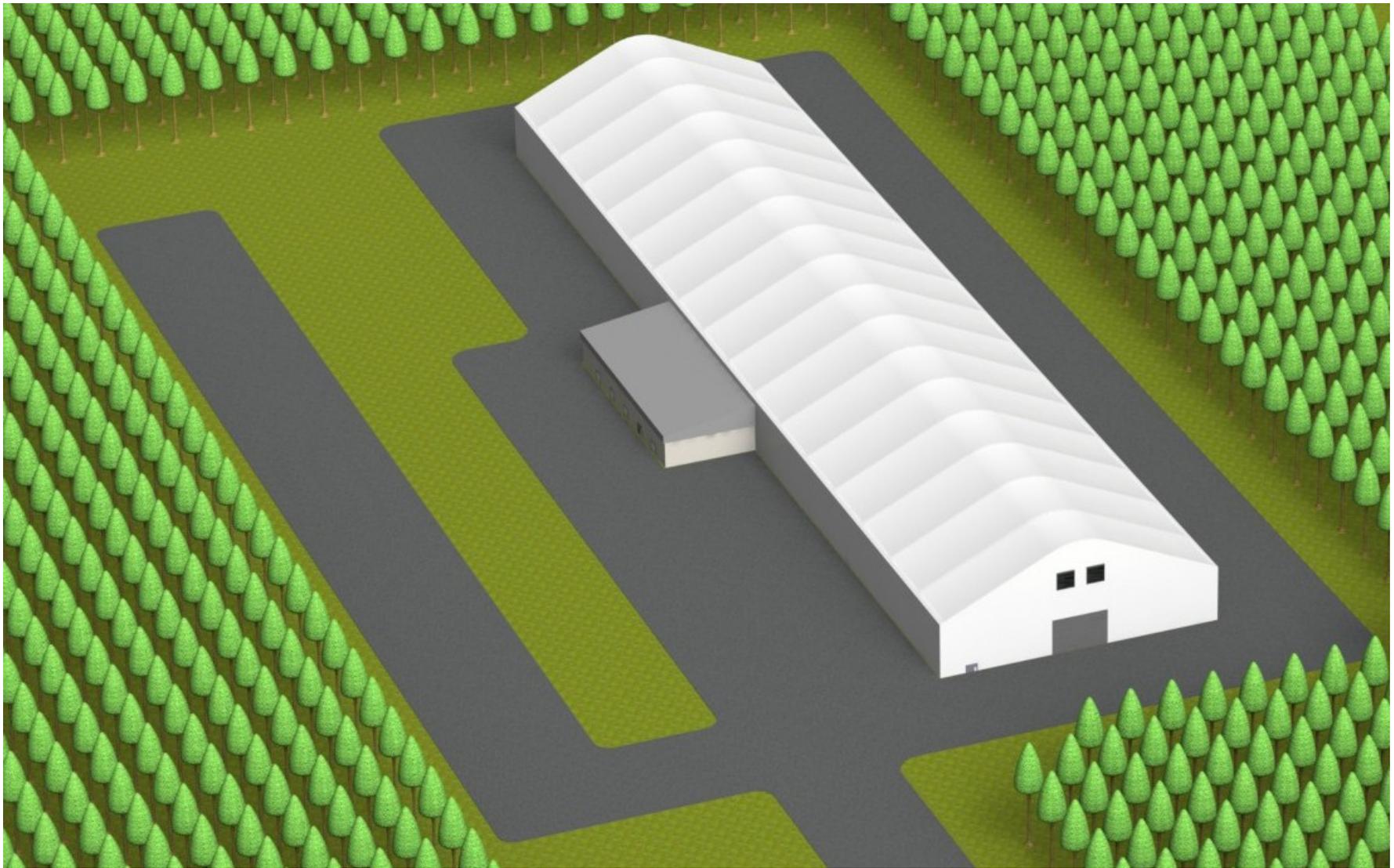
HEIGHT: 13-feet

WIDTH: 16-feet

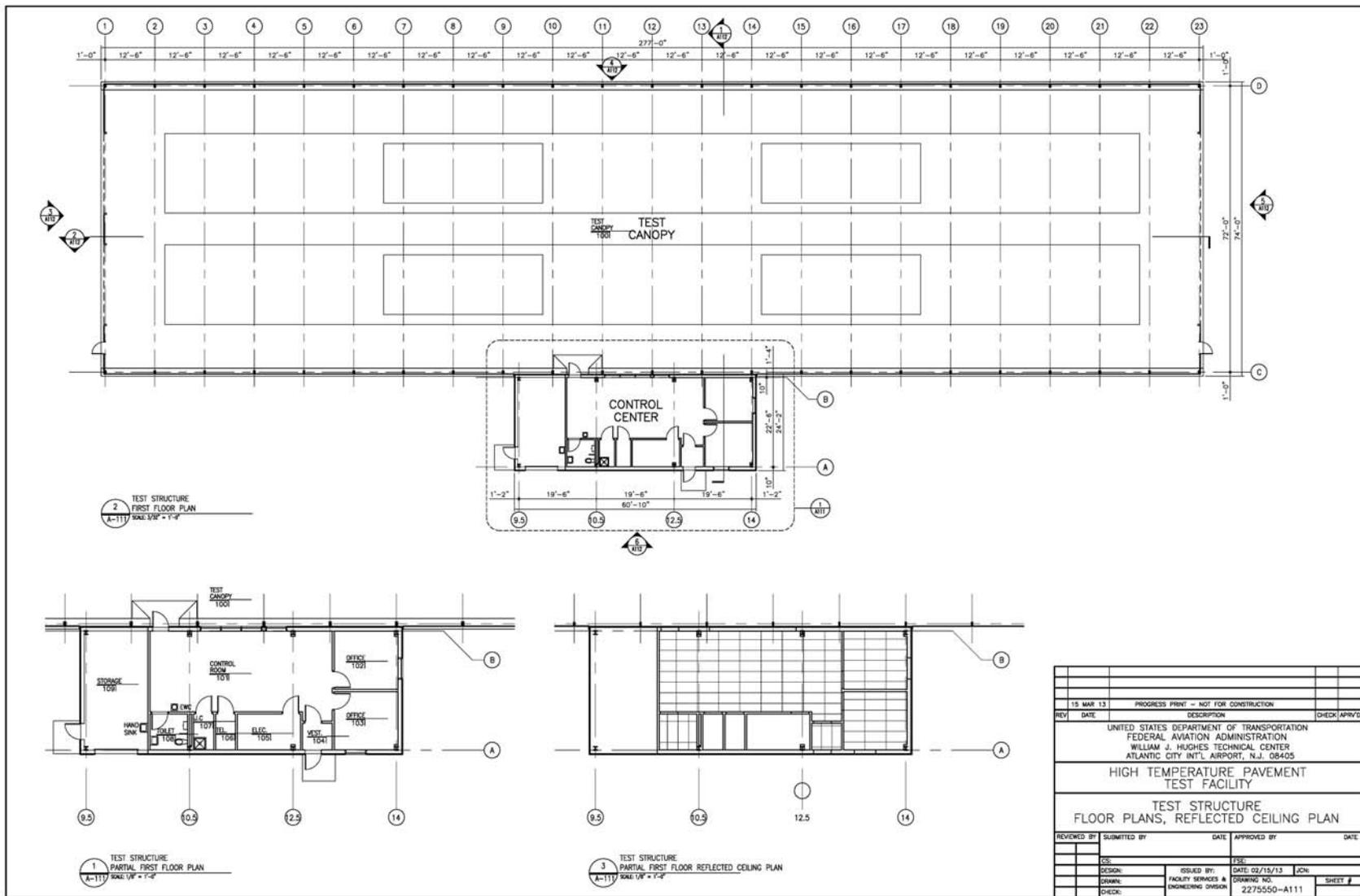
BEAM LENGTH: 67-feet

35% Design Submission Layout



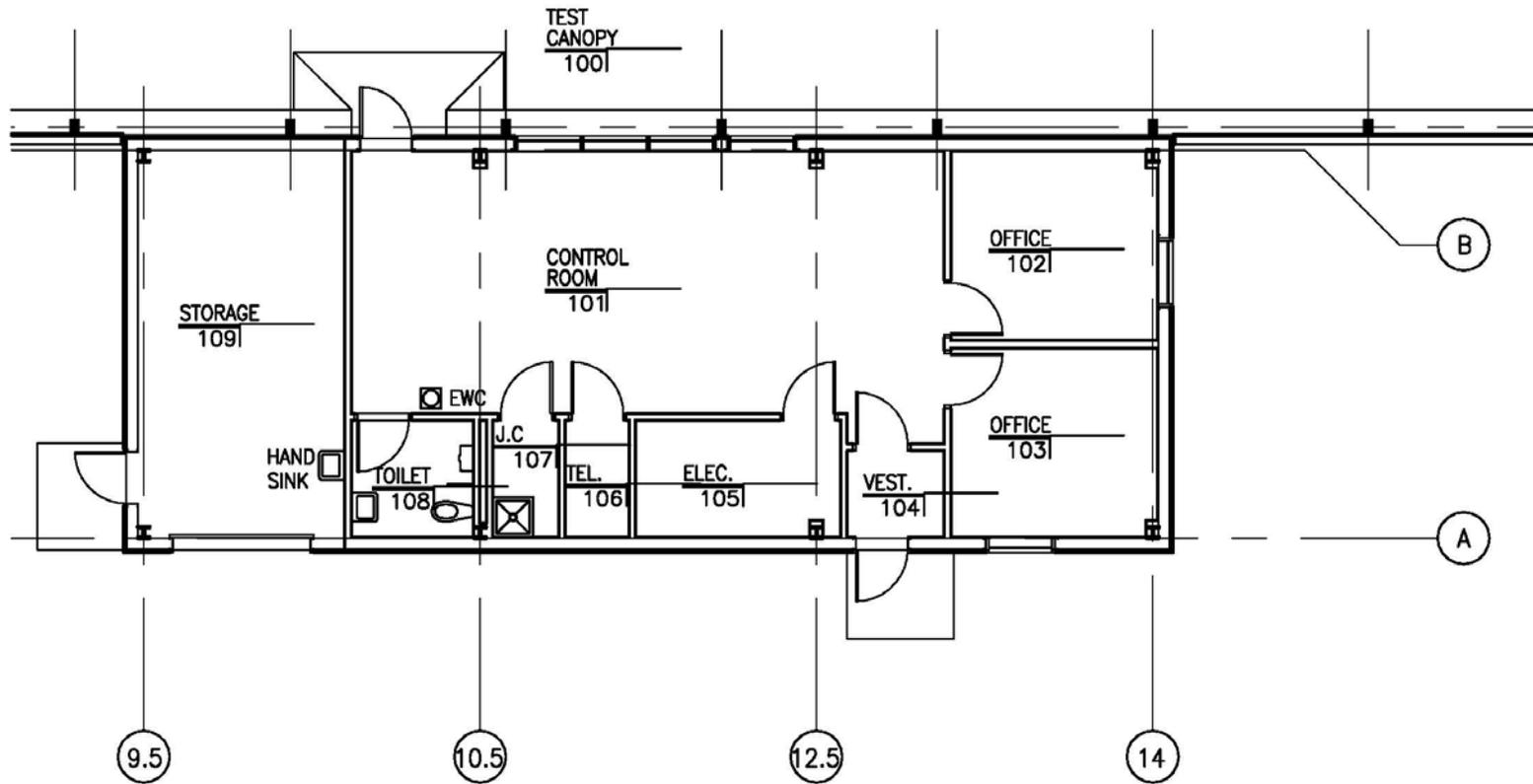






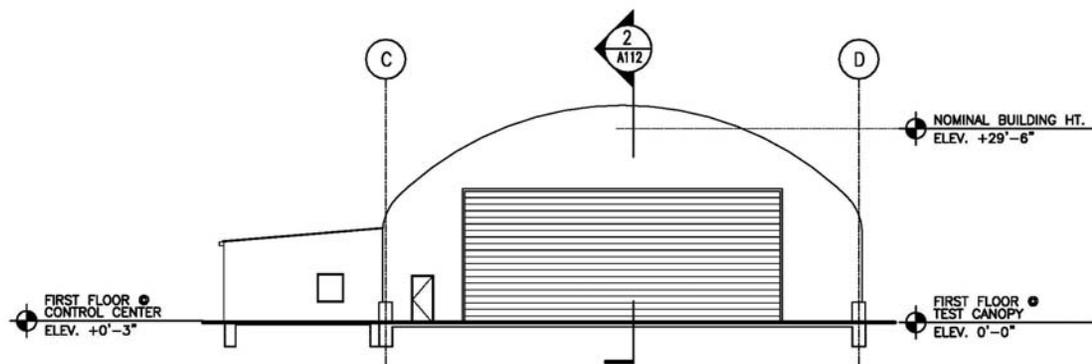
REV	DATE	DESCRIPTION	CHECK	APPROV
15 MAR 13		PROGRESS PRINT - NOT FOR CONSTRUCTION		
UNITED STATES DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION WILLIAM J. HUGHES TECHNICAL CENTER ATLANTIC CITY INT'L AIRPORT, N.J. 08405				
HIGH TEMPERATURE PAVEMENT TEST FACILITY				
TEST STRUCTURE FLOOR PLANS, REFLECTED CEILING PLAN				
REVIEWED BY	SUBMITTED BY	DATE	APPROVED BY	DATE
DESIGN	ISSUED BY	DATE: 02/15/12	JCN	
DRAWN	FACILITY SERVICES &	DRAWING NO.		SHEET #
CHECK	ENGINEERING DIVISION	2275550-A111		



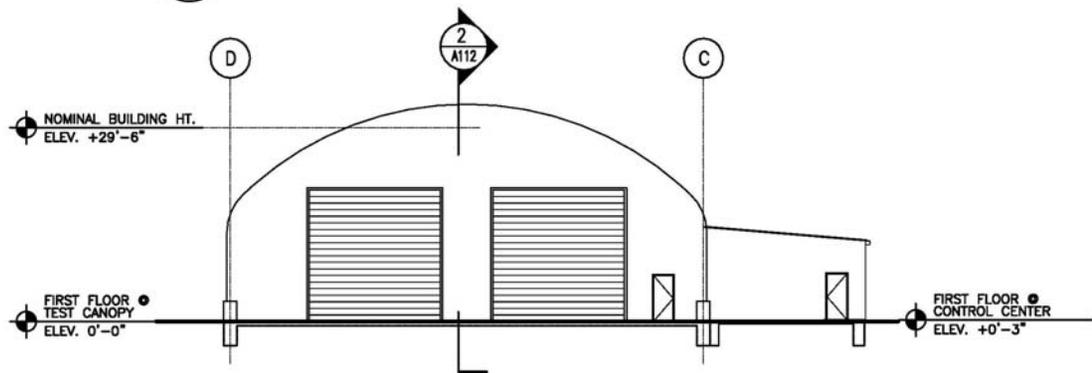


1 TEST STRUCTURE
 PARTIAL FIRST FLOOR PLAN
 A-111 SCALE: 1/8" = 1'-0"

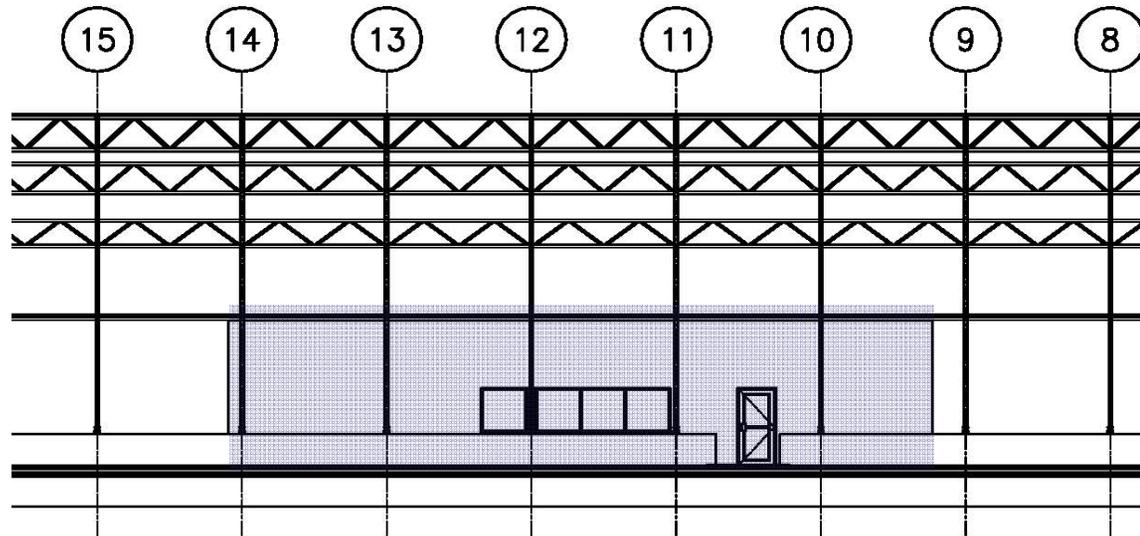
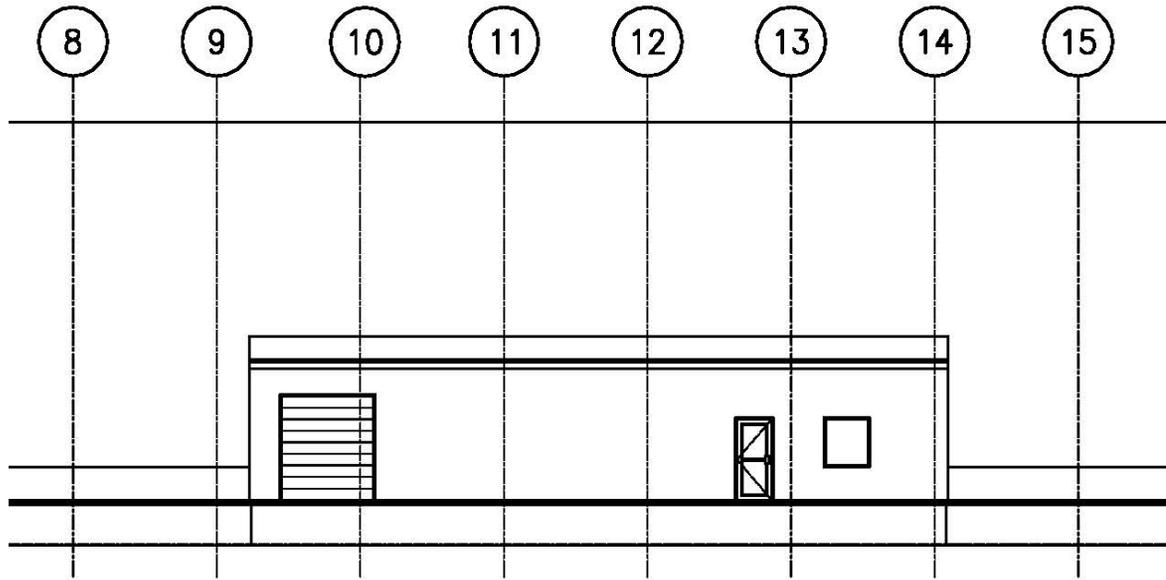


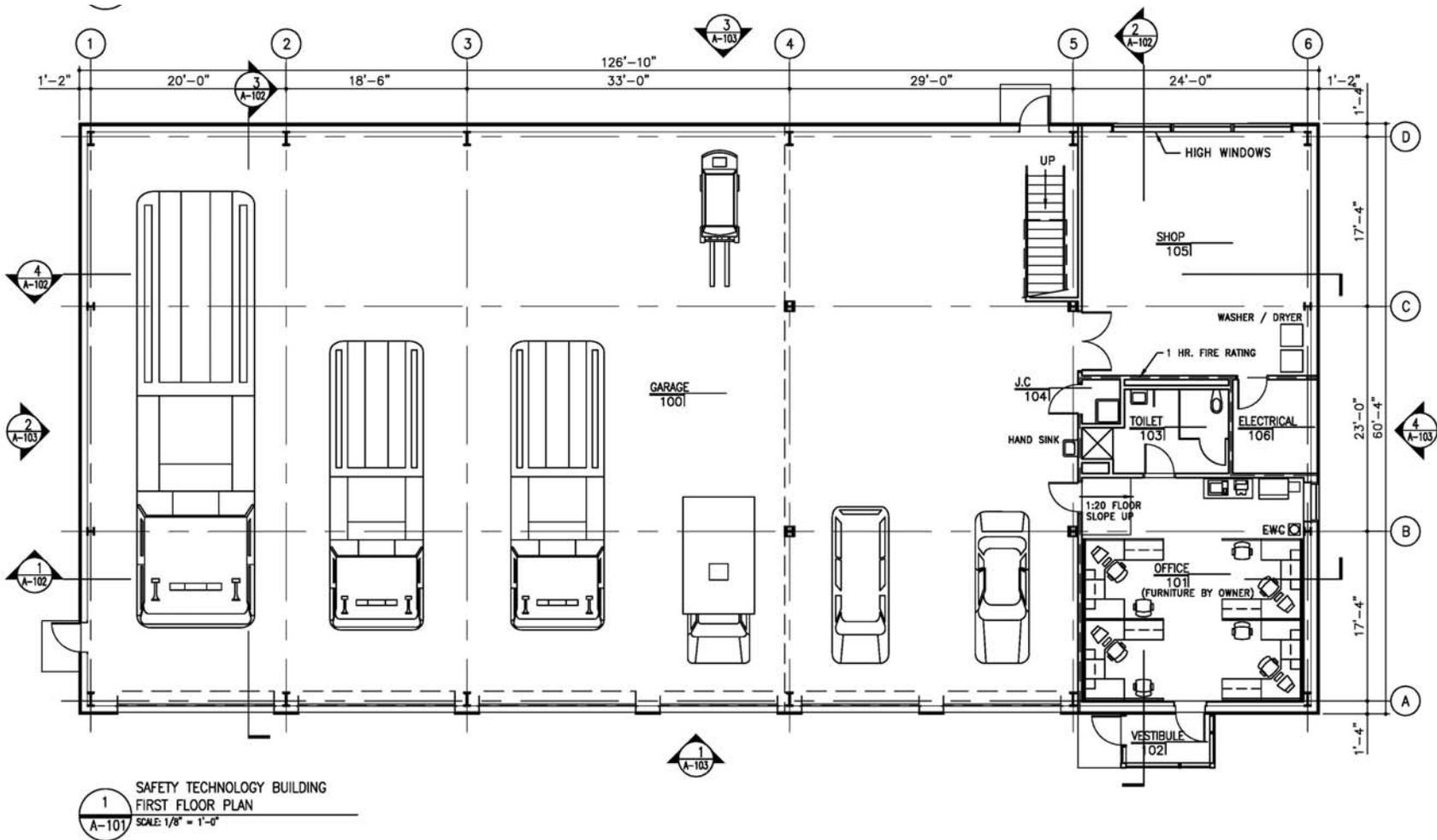


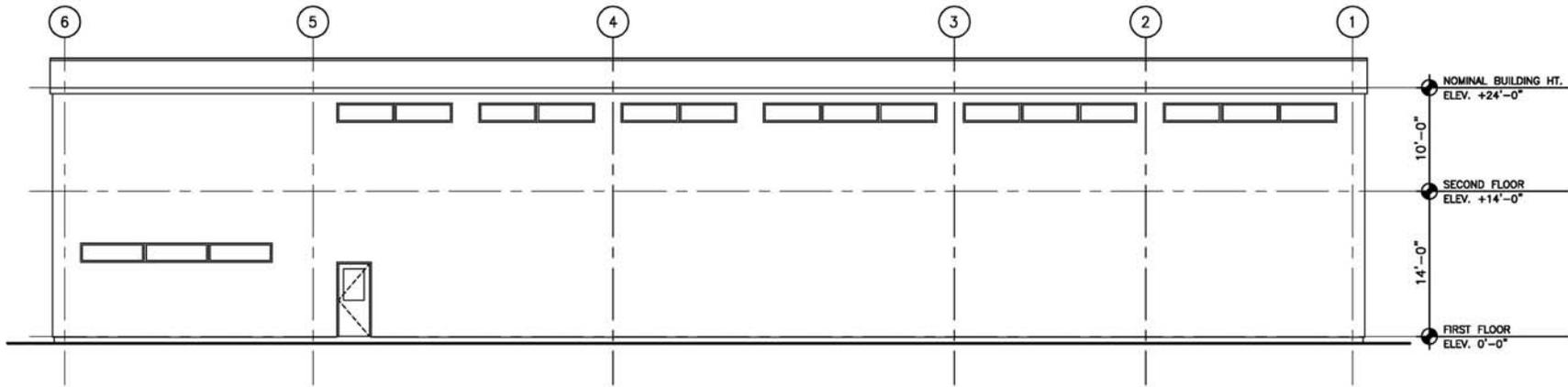
5 SOUTH ELEVATION
SCALE: 1/16" = 1'-0"



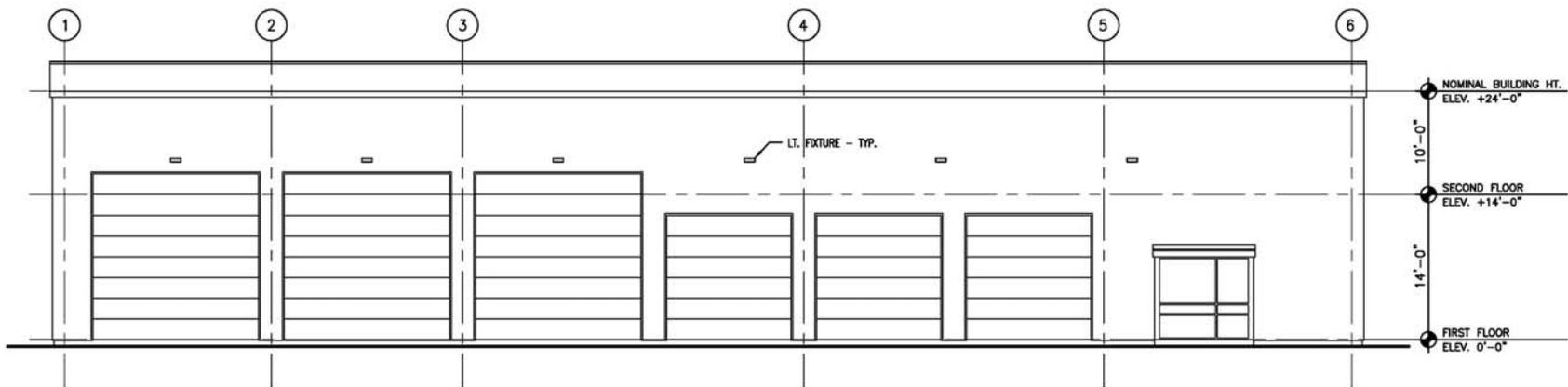
3 NORTH ELEVATION
SCALE: 1/16" = 1'-0"







3 REAR ELEVATION
 A103 SCALE: 1/8" = 1'-0"



1 FRONT ELEVATION
 A103 SCALE: 1/8" = 1'-0"

**Questions?
Comments?**

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