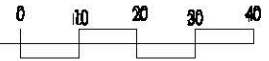


**TECH WORKS! EAST ELEVATION EXISTING**

PREPARED BY BUCHER/BORGES GROUP PLLC

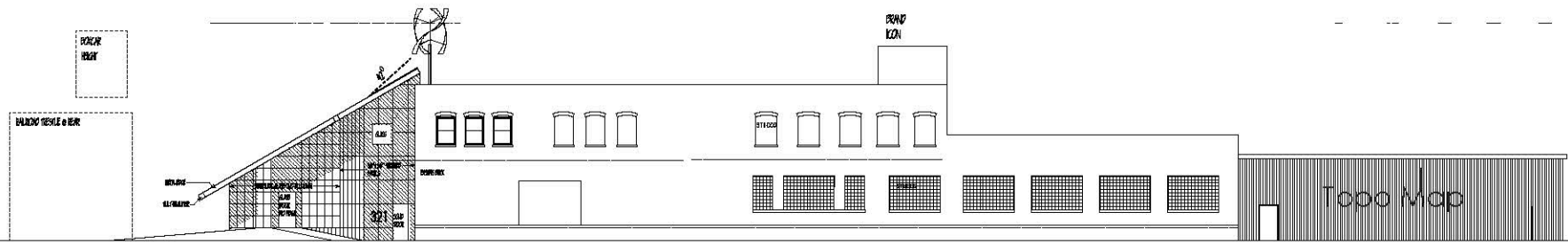
Copyright June 27, 2012



South Wing

Central Block

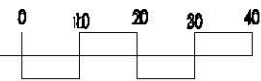
North Wing



**TECH WORKS! EAST ELEVATION CONCEPT**

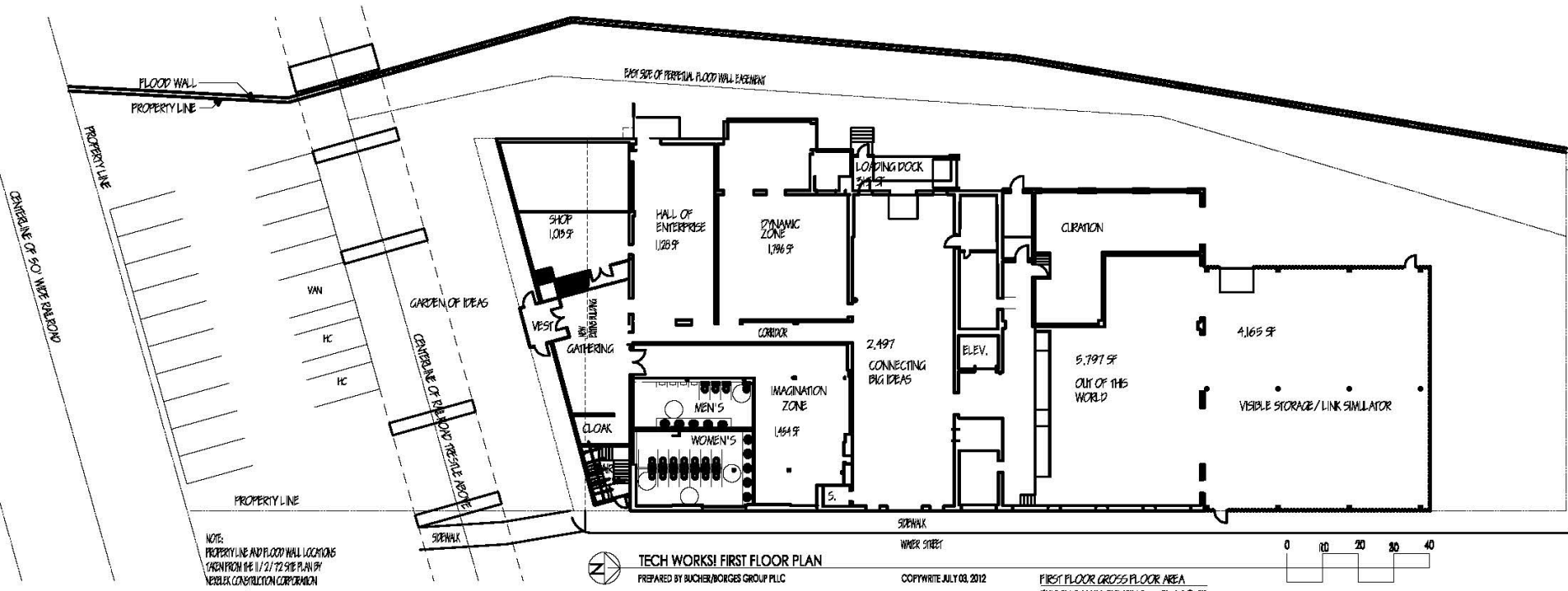
PREPARED BY BUCHER/BORGES GROUP PLLC

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Looking north from TechWorks! Central Block roof



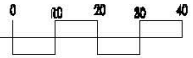
NOTE:  
PROPERTY LINE AND FLOOD WALL LOCATIONS  
TAKEN FROM THE 11/21/12 SITE PLAN BY  
VEBEX CONSTRUCTION CORPORATION



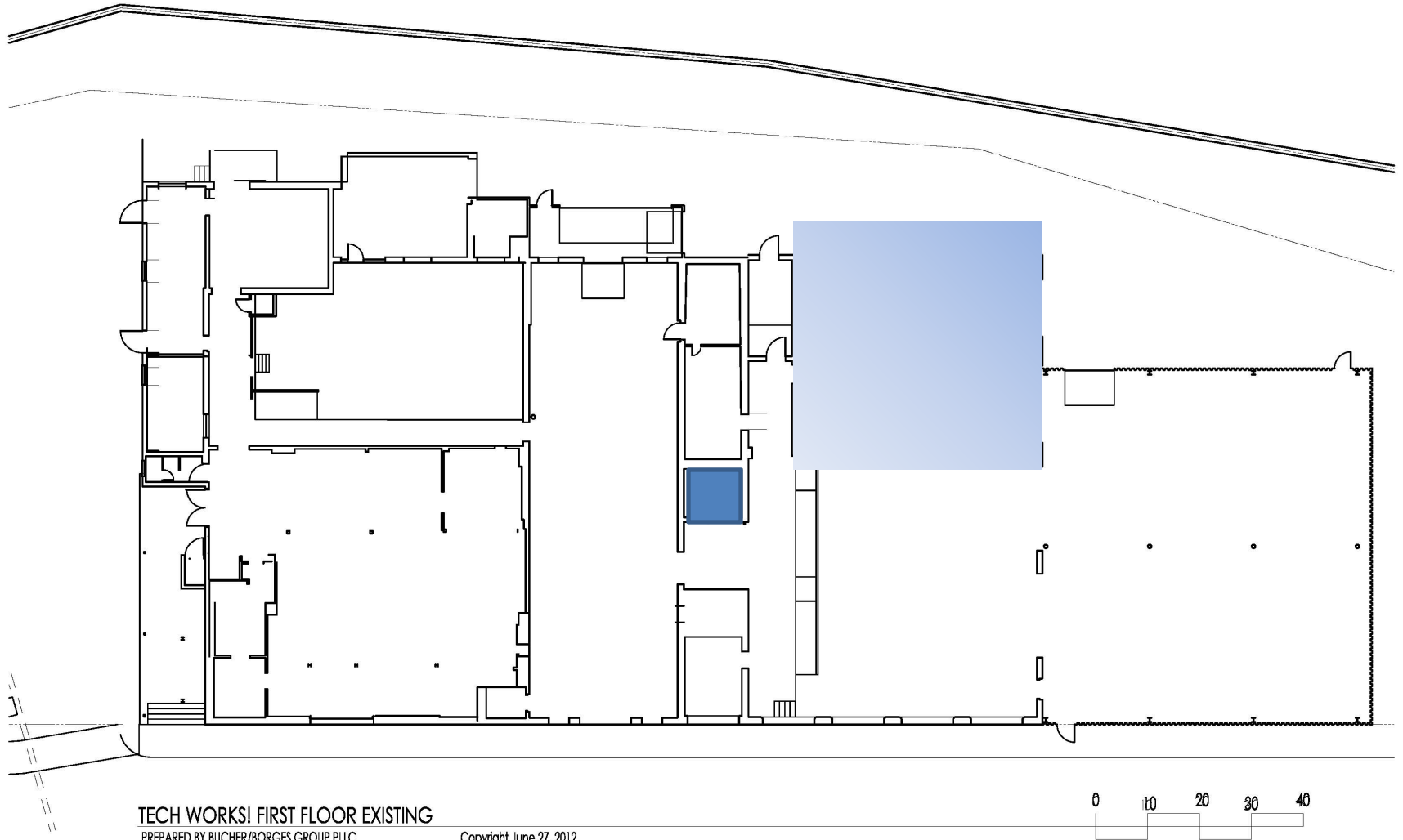
**TECH WORKS! FIRST FLOOR PLAN**  
PREPARED BY BUCHER/BOHGES GROUP PLC

COPYWRITE JULY 03, 2012

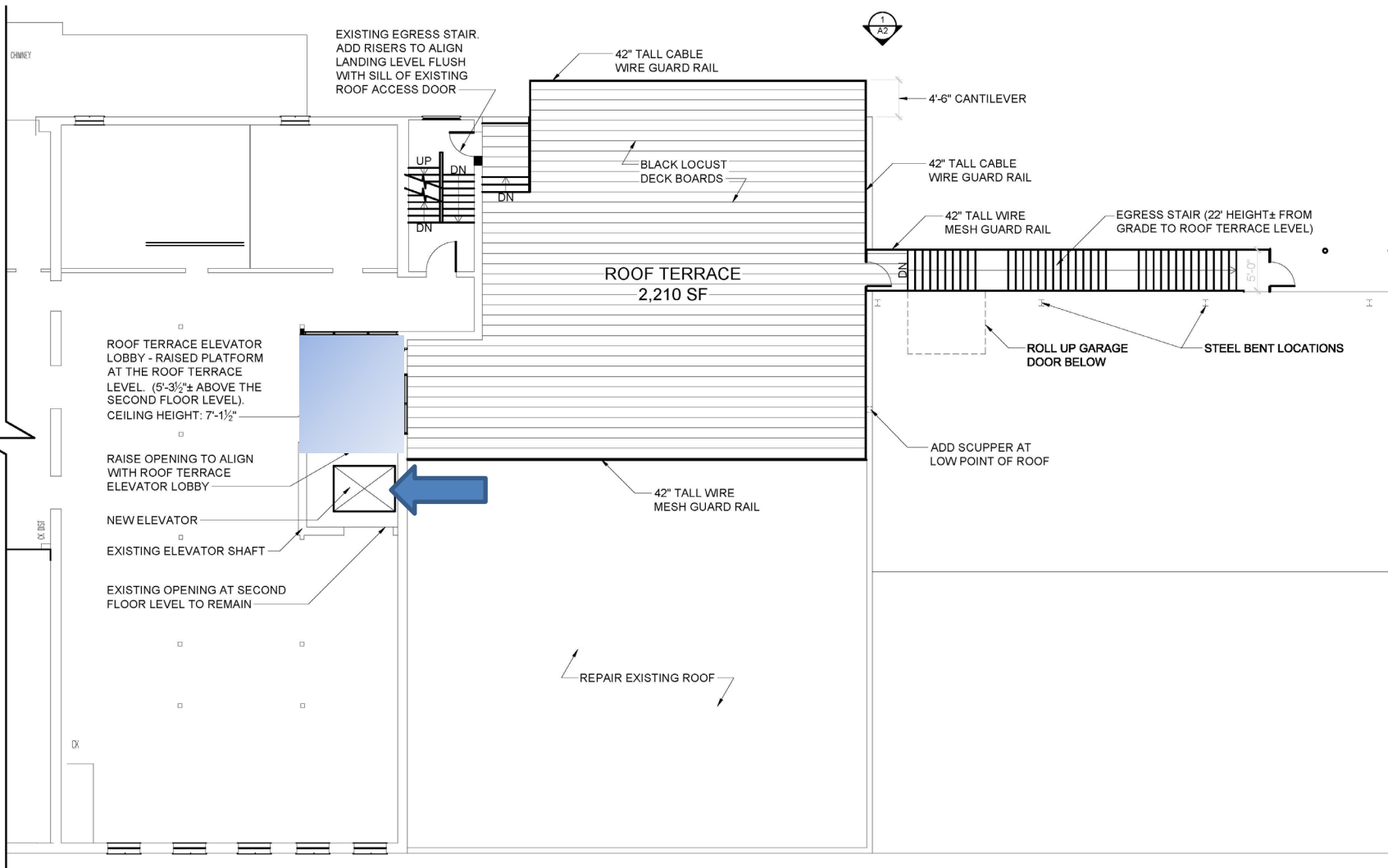
FIRST FLOOR GROSS FLOOR AREA	
EXISTING MAIN BUILDING	21,590 SF
EXISTING SHED	1,287 SF
TOTAL EXISTING	22,877 SF
MAIN BUILDING REMOVED	-1,282 SF
SHED REMOVED	-1,287 SF
NEW CONSTRUCTION	2,952 SF
TOTAL PROPOSED	22,825 SF
GARDEN OF IDEAS	5,700 SF
	22778




First Floor - preliminary layout (2012)



First Floor view of Riverview Terrace project footprint




**1**  
**A1** **ROOF TERRACE FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"  
 ASSUMED

0 2' 4' 8' 12' 20'

OCCUPANT LOAD PER SECTION 1004.1.2	SQUARE FOOTAGE	LOAD FACTOR	OCCUPANT LOAD
ASSEMBLY WITHOUT FIXED SEATS (STANDING SPACE)	1,105 SF	5 NET	221 PEOPLE
ASSEMBLY WITHOUT FIXED SEATS (UNCONCENTRATED - TABLES & CHAIRS)	1,105 SF	15 NET	74 PEOPLE
<b>TOTAL</b>	<b>2,210 SF</b>		<b>295 PEOPLE</b>

**NUMBER OF EXITS PER SECTION 1006.3.1**

OCCUPANCY BETWEEN 1 & 500 PEOPLE = 2 EXITS MINIMUM

**MEANS OF EGRESS SIZING PER SECTION 1005.3**

295 OCCUPANTS x 0.3" CAPACITY FACTOR = 89" MINIMUM STAIR WIDTH (EXISTING 45" STAIR + PROPOSED 60" STAIR = 105" PROVIDED)

295 OCCUPANTS x 0.2" CAPACITY FACTOR = 59" MINIMUM DOOR WIDTH (36" STAIR DOOR + 36" GATE AT NEW STAIR = 72" PROVIDED)

**TECHWORKS!  
ROOF-TOP  
TERRACE**

321 WATER STREET  
BINGHAMTON, NY 13901

DESIGN TEAM

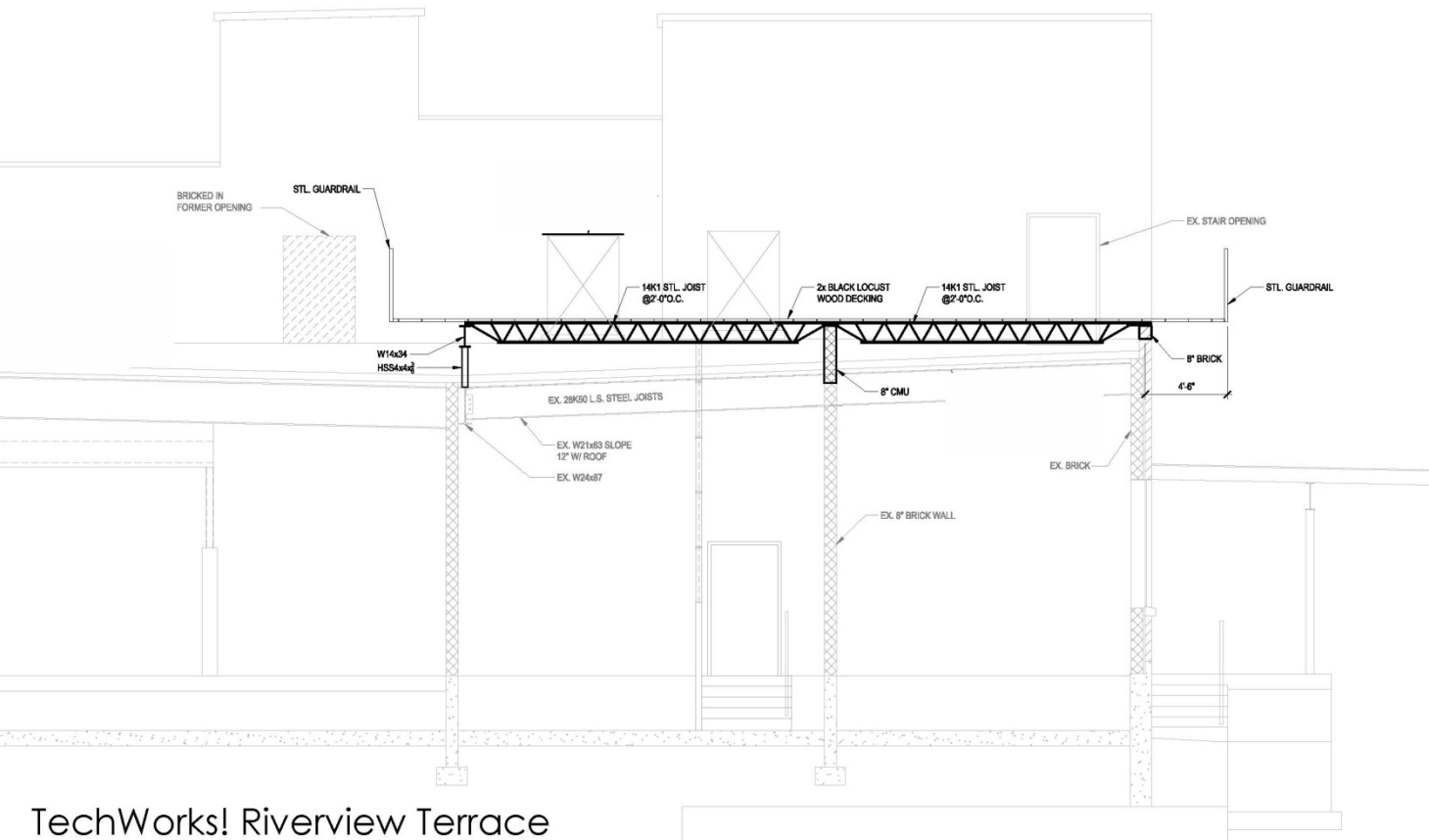
ARCHITECT  
**ENCORE  
SUSTAINABLE  
DESIGN**  
2822 SOLOMONS ISLAND RD  
SUITE 201  
ANNAPOLIS, MD 21037

STRUCTURAL ENGINEER  
**LINTON  
ENGINEERING**  
46090 LAKE CENTER PLAZA  
SUITE 309  
POTOMAC FALLS, VA 20165

DRAWING ISSUE DATES

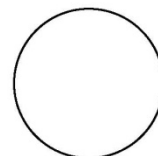
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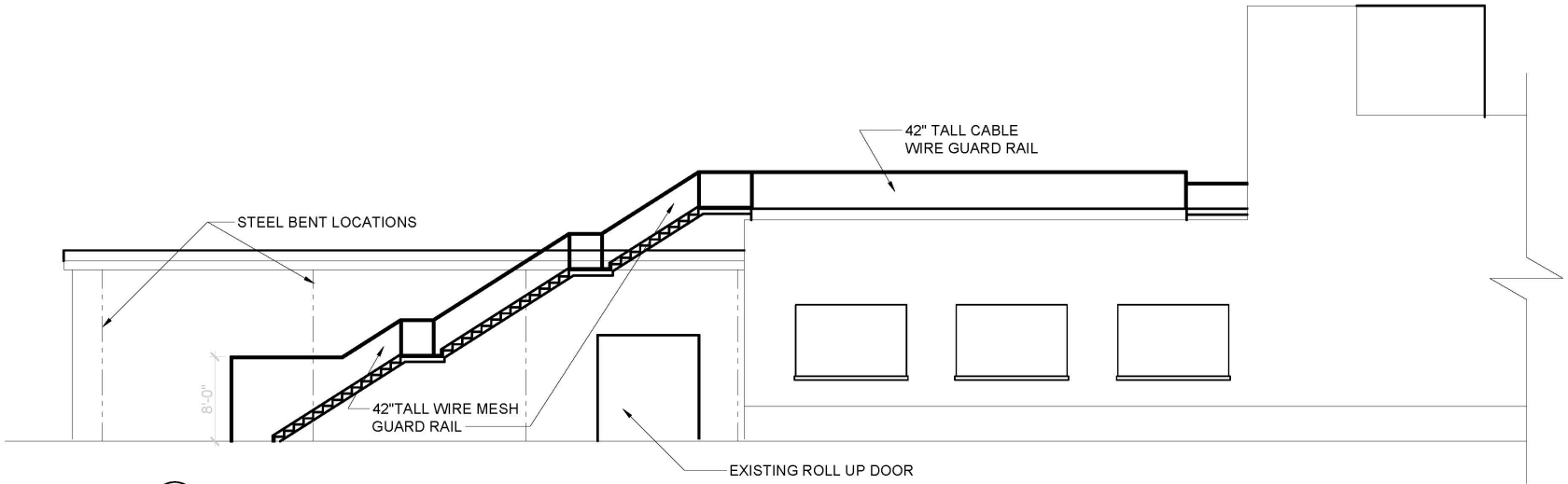
SCHEMATIC DESIGN



TechWorks! Riverview Terrace

1 WEST ELEVATION  
SCALE: 1/4"=1'-0"





1 WEST ELEVATION  
A2 SCALE: 1/8" = 1'-0"  
 0 2' 4' 8' 12' 20'



Looking north from TechWorks! Central Block roof