



**sliderule**  
engineering works, llc

December 6, 2022

Mr. Kevin Steiner  
President – The Allsports Team  
Post Office Box 1834  
Auburn, Washington 98071  
Phone: (206) 795-4445  
E-Mail: kevin@allsports-us.com

**THE APPROVED CONSTRUCTION PLANS  
AND ALL ENGINEERING DOCUMENTS MUST  
BE POSTED ON THE JOB AT ALL  
INSPECTIONS IN A VISIBLE AND READILY  
ACCESSIBLE LOCATION.**

**Re: New Level 360, 3500 South Meridian, Unit 950, Puyallup. Washington 98373  
New Field and Batting Cage Nets, Connection to Existing Roof Framing**

Mr. Steiner,

We met with you on December 2, 2022 to review the installed field and batting cage netting installation for the New Level 360 facility at 3500 South Meridian, Unit 950, Puyallup, Washington.

The building was previously a department store shopping area (Area B) and automotive center (Area A).

The shopping area (Area B) had a hard drop ceiling that was supported by the existing roof structure. The drop ceiling weight was 5 pounds per square foot (psf). The automotive area (Area A) had numerous ducts and mechanical unit supported by the existing roof framing. Our observation on September 12<sup>th</sup> would place the uniform load from the equipment at 2 psf. In both areas the mechanical equipment and hard ceiling have been removed. See attached breakdown of spaces.

Area B has a total of 19,952 square feet (sqft), 17,940 sqft is supporting netting. The total netting in Area B weighs 2601 pounds. We observed the installation of the netting and it is uniformly supported by the roof framing. The uniform load is 2601 pounds / 17,940 sqft = 0.145 psf which is less than the original drop ceiling weight of 5 psf. The existing roof is adequate to support the netting.

Area A has a total of 14905 sqft, 10,002 sqft is supporting netting. The total netting weight in Area A weighs 689 pounds. We observed the installation of the netting and it is uniformly supported by the roof framing. The uniform load is 689 pounds / 10,002 sqft = 0.069 psf which is less than the original mechanical and ducting weight of 2 psf. The existing roof is adequate to support the netting.

Further neither of the areas exceed the previous deadload supported by the roof and will not increase the seismic force the building was originally designed to resist. There is no increase to the lateral force resisting system of the original building.

We believe the installation of the netting will not be detrimental to the existing roof framing or the lateral performance of the concrete wall panels.

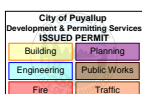
Please call, (206) 380-0732, if you have questions.

Sincerely,  
Sliderule Engineering Works, llc

Andrew L. Herrick, P.E.



12.06.22



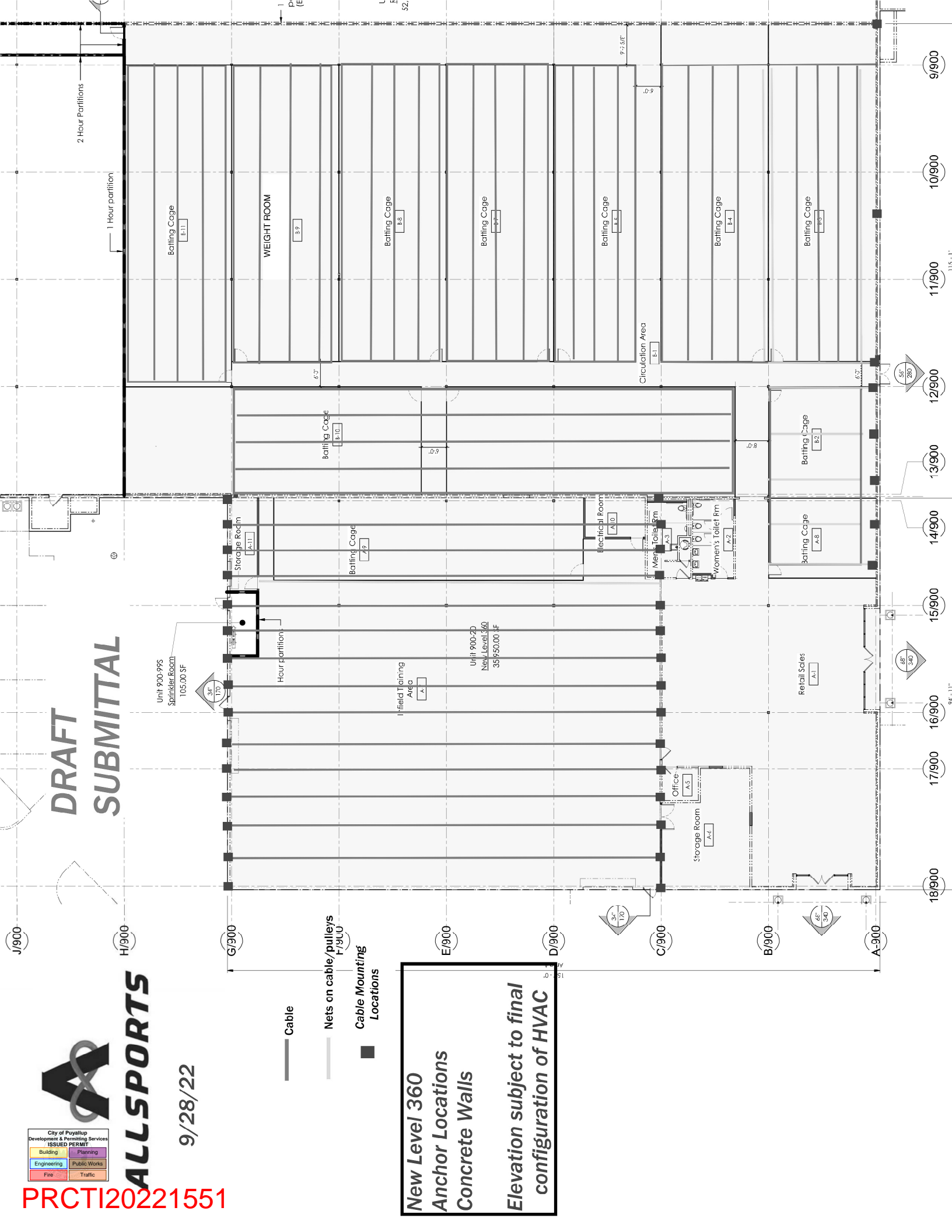
Complete Building Occupancy Schedule						
Number	Name	Area	Occupancy	Occupants per SF	Code Occupants	Posted Occupancy
A-1	Retail Sales	3,517.84 SF	Mercantile - Basement and grade floor areas	60	117	117
A-2	Women's Toilet Rm	204.23 SF	Business Areas	100	2	2
A-3	Men's Toilet Rm	198.28 SF	Business Areas	100	2	2
A-4	Janitor Closet	18.62 SF	Mercantile - Storage, Stock, shipping areas	300	0	0
A-5	Office	77.08 SF	Business Areas	100	1	1
A-6	Storage Room	568.36 SF	Mercantile - Storage, Stock, shipping areas	300	2	2
A-7	Infield Training Area	7,970.92 SF	Assembly - Limited Occupancy	50	159	159
A-8	Batting Cage	522.14 SF	Assembly - Limited Occupancy	50	10	3
A-9	Batting Cage	1,510.77 SF	Assembly - Limited Occupancy	50	30	3
A-10	Electrical Room	152.03 SF	Mercantile - Storage, Stock, shipping areas	300	1	1
A-11	Storage Room	165.61 SF	Mercantile - Storage, Stock, shipping areas	300	1	1
B-1	Circulation Area	2,010.31 SF	Business Areas	100	20	20
B-2	Batting Cage	731.25 SF	Assembly - Limited Occupancy	50	15	3
B-3	Batting Cage	2,214.00 SF	Assembly - Limited Occupancy	50	44	3
B-4	Batting Cage	2,132.00 SF	Assembly - Limited Occupancy	50	43	3
B-5	Batting Cage	1,426.50 SF	Assembly - Limited Occupancy	50	29	3
B-6	Batting Cage	1,865.52 SF	Assembly - Limited Occupancy	50	37	3
B-7	Batting Cage	1,872.00 SF	Assembly - Limited Occupancy	50	37	3
B-8	Batting Cage	1,872.00 SF	Assembly - Limited Occupancy	50	37	3
B-9	Batting Cage	1,872.00 SF	Assembly - Limited Occupancy	50	37	3
B-10	Batting Cage	1,928.63 SF	Assembly - Limited Occupancy	50	39	3
B-11	Batting Cage	2,028.00 SF	Assembly - Limited Occupancy	50	41	3
Grand total: 22					704	341

Occupancy Schedule - Area A						
Number	Name	Area	Occupancy	Occupants per SF	Code Occupants	Posted Occupancy
A-1	Retail Sales	3,517.84 SF	Mercantile - Basement and grade floor areas	60	117	117
A-2	Women's Toilet Rm	204.23 SF	Business Areas	100	2	2
A-3	Men's Toilet Rm	198.28 SF	Business Areas	100	2	2
A-4	Janitor Closet	18.62 SF	Mercantile - Storage, Stock, shipping areas	300	0	0
A-5	Office	77.08 SF	Business Areas	100	1	1
A-6	Storage Room	568.36 SF	Mercantile - Storage, Stock, shipping areas	300	2	2
A-7	Infield Training Area	7,970.92 SF	Assembly - Limited Occupancy	50	159	159
A-8	Batting Cage	522.14 SF	Assembly - Limited Occupancy	50	10	3
A-9	Batting Cage	1,510.77 SF	Assembly - Limited Occupancy	50	30	3
A-10	Electrical Room	152.03 SF	Mercantile - Storage, Stock, shipping areas	300	1	1
A-11	Storage Room	165.61 SF	Mercantile - Storage, Stock, shipping areas	300	1	1
Grand total: 11					325	290

Occupancy Schedule - Area B						
Number	Name	Area	Occupancy	Occupants per SF	Code Occupants	Posted Occupancy
B-1	Circulation Area	2,010.31 SF	Business Areas	100	20	20
B-2	Batting Cage	731.25 SF	Assembly - Limited Occupancy	50	15	3
B-3	Batting Cage	2,214.00 SF	Assembly - Limited Occupancy	50	44	3
B-4	Batting Cage	2,132.00 SF	Assembly - Limited Occupancy	50	43	3
B-5	Batting Cage	1,426.50 SF	Assembly - Limited Occupancy	50	29	3
B-6	Batting Cage	1,865.52 SF	Assembly - Limited Occupancy	50	37	3
B-7	Batting Cage	1,872.00 SF	Assembly - Limited Occupancy	50	37	3
B-8	Batting Cage	1,872.00 SF	Assembly - Limited Occupancy	50	37	3
B-9	Batting Cage	1,872.00 SF	Assembly - Limited Occupancy	50	37	3
B-10	Batting Cage	1,928.63 SF	Assembly - Limited Occupancy	50	39	3
B-11	Batting Cage	2,028.00 SF	Assembly - Limited Occupancy	50	41	3
Grand total: 11					379	50

9/28/22

**DRAFT  
SUBMITTAL**





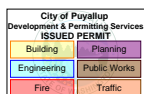
## New Level 360



11/28/2022

### Netting Weights by Area

LOCATION	Appx. Total Weight of Netting Ceiling, Sides, Ends - LBS	Number of supporting horizontal cables
Infield Area (Sears Auto Shop) Ceiling, Side Walls, End Walls	689	19
Pitching Area (East of and adjacent to N-S Concrete Wall) Ceiling, End Walls, Open Sides	225	6
Batting Cage #1 (Southernmost cage in room east of N-S concrete wall) Ceiling, Side Walls, End Walls, Divider Panels(s) Cages count up going South to North	309	6
Batting Cage #2 Ceiling, Side Walls, End Walls, Divider Panel	322	6
Batting Cage #3 Ceiling, Side Walls, End Walls, Divider Panel	365	6
Batting Cage #4 Ceiling, Side Walls, End Walls, Divider Panel	365	6
Batting Cage #5 Ceiling, Side Walls, End Walls, Divider Panel	395	6
Batting Cage #6 (Northernmost cage in room east of N-S concrete wall) Ceiling, Side Walls, End Walls, Divider Panels	620	11



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