# Building Program Comparison

LEGATARCHITECTS
SUSTAINABILITY | PERFORMANCE | DESIGN

OWNER Oak Park & River Forest High School District 200
PROJECT TITLE **Proposed Natatorium**
PROJECT NUMBER 216018.00
DATE June 10, 2016

| AREA DESCRIPTION | FLOOR LEVEL | UNIT AREA | QTY | OPTION 1 (50m) APPROVED PROGRAM 9/24/15 | OPTION 1 (50m) APPROVED PLAN 1/13/16 | OPTION 1 (40m) FOR EQUITY COMPARISON | | OPTION 5B (40m) PRESENTED TO BOARD 5.17.16 | LOW RANGE OPTION 5B (40m) UPDATED 6.2.16 | HIGH RANGE OPTION 5B (40m) FOR EQUITY COMPARISON | COMMENTS FROM APPROVED PROGRAM 9/24/15 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **POOL** | | | | | | | | | | | |
| Water | Ground Level | 12,753 SF | 1 | 12,753 SF | 12,753 SF | 9,825 SF | | 9,825 SF | 10,041 SF | 10,041 SF | 3'-3" shallow to 14'-0" deep |
| Parapet | Ground Level | 680 SF | 1 | 680 SF | 680 SF | 587 SF | | 646 SF | 493 SF | 493 SF | (1) 30" parapet; (3) 14" gutters |
| Deck | Ground Level | 8,667 SF | 1 | 8,667 SF | 7,579 SF | 7,562 SF | | 5,798 SF | 5,695 SF | 5,695 SF | 16'/20' ends; 12'/16' sides |
| On-Deck Athlete Seating | Ground Level | 576 SF | 1 | 576 SF | 508 SF | 508 SF | | not included | 574 SF | 574 SF | (125) minimum |
| Athletic Toilet Rooms | Ground Level | 77 SF | 2 | 154 SF | 116 SF | 116 SF | | not included | not included | 116 SF | All gender |
| Scorekeeper | Ground Level | 220 SF | 1 | 220 SF | 147 SF | 147 SF | | 1,047 SF | not included | 147 SF | Shared w/Life Guard & First Aid |
| Spectator Seating - Permanent | Upper Level | 1,158 SF | 1 | 1,158 SF | 1,770 SF | 1,770 SF | | 2,656 SF | 4,965 SF | 4,965 SF | |
| Spectator Seating - Retractable | Upper Level | 2,496 SF | 1 | 2,496 SF | 534 SF | 534 SF | | not included | not included | 534 SF | (450) total capacity |
| | | | SUB-TOTAL | ***26,704 SF*** | ***24,087 SF*** | ***21,049 SF*** | | ***19,972 SF*** | ***21,768 SF*** | ***22,565 SF*** | |
| **LOCKER ROOMS** | | | | | | | | | | | |
| P.E. - Men's Locker Room | Ground Level | 758 SF | 1 | 758 SF | 718 SF | 718 SF | | 1,035 SF | 1,532 SF | 1,532 SF | (68) 2-tier lockers; 18"x18"x72" |
| P.E. - Women's Locker Room | Ground Level | 758 SF | 1 | 758 SF | 718 SF | 718 SF | | 1,074 SF | 1,532 SF | 1,532 SF | (68) single-tier lockers; 18"x18"x72" |
| P.E. - Showers | Ground Level | 630 SF | 2 | 1,260 SF | 1,122 SF | 1,122 SF | | 1,223 SF | included above | included above | (31) sh. Heads for each class of 40 |
| P.E. - Toilets | Ground Level | 193 SF | 2 | 386 SF | 360 SF | 360 SF | | included above | included above | included above | (4) water closets; (2) lavs each |
| Athletics - Men's Locker Room | Ground Level | 336 SF | 1 | 336 SF | 387 SF | 387 SF | | not included | included above | included above | (21) 2-tier lockers; 18"x18"x72" |
| Athletics - Women's Locker Room | Ground Level | 336 SF | 1 | 336 SF | 364 SF | 364 SF | | not included | included above | included above | (21) 2-tier lockers; 18"x18"x72" |
| Athletics - Showers | Ground Level | 228 SF | 2 | 456 SF | 402 SF | 402 SF | | not included | included above | included above | (31) shower heads for each |
| Athletics - Toilets | Ground Level | 132 SF | 2 | 264 SF | 232 SF | 232 SF | | not included | included above | included above | (3) water closets; (2) lavs each |
| Visiting Athletes - Locker Room | Ground Level | included above | | 0 SF | 0 SF | 0 SF | | 0 SF | 1,250 SF | 1,250 SF | Utilize PE Locker Rooms |
| Visiting Athletes - Showers | Ground Level | included above | | 0 SF | 0 SF | 0 SF | | 0 SF | included above | included above | Utilize PE Locker Rooms |
| Visiting Athletes - Toilets | Ground Level | included above | | 0 SF | 0 SF | 0 SF | | 0 SF | included above | included above | Utilize PE Locker Rooms |
| Coaches - Office | Ground Level | 165 SF | 1 | 165 SF | 187 SF | 187 SF | | 561 SF | 398 SF | 187 SF | |
| Coaches - Locker Room | Ground Level | 292 SF | 2 | 584 SF | 632 SF | 632 SF | | not included | not included | 632 SF | (10) single-tier lockers; 18"x18"x72" |
| Coaches - Showers | Ground Level | included above | | included above | included above | included above | | not included | included below | included below | (2) shower heads for each |
| Coaches - Toilets | Ground Level | included above | | included above | included above | included above | | not included | 160 SF | 160 SF | (1) water closet; (1) lav each |
| Aquatic Director's Office | Ground Level | 165 SF | 1 | 165 SF | 289 SF | 289 SF | | not included | not included | 289 SF | (1) water closet; (1) lav each |
| Towel Distribution Room | Ground Level | 112 SF | 1 | 112 SF | 469 SF | 469 SF | | not included | 328 SF | 328 SF | |
| Towel Storage Room | Ground Level | 131 SF | 1 | 131 SF | included above | included above | | not included | included above | included above | |
| Laundry Room | Ground Level | 187 SF | 1 | 187 SF | included above | included above | | not included | included above | included above | Washer, dryer, utility sink |
| Custodial Room | Ground/Upper | 93 SF | 3 | 280 SF | 105 SF | 105 SF | | not included | 259 SF | 259 SF | |
| Family Changing | Ground Level | 590 SF | 1 | 590 SF | 665 SF | 665 SF | | 201 SF | 335 SF | 665 SF | (4) Stations w/ toilets, lavs, showers |
| | | | SUB-TOTAL | ***6,768 SF*** | ***6,650 SF*** | ***6,650 SF*** | | ***4,094 SF*** | ***5,794 SF*** | ***6,834 SF*** | |

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|---|---|---|---|---|---|---|---|---|---|---|
| **STORAGE** | | | | | | | | | | |
| Scorekeeper's Storage | Ground Level | 240 SF | 1 | 240 SF | included below | included below | not included | included below | included below | |
| B&G Storage | Ground Level | 192 SF | 1 | 192 SF | included below | included below | not included | 131 SF | 131 SF | |
| PE & Adaptive PE Storage | Ground Level | 789 SF | 1 | 789 SF | 1,133 SF | 1,133 SF | not included | included below | 77 SF | On deck storage for lane reels |
| Athletic Storage | Ground Level | included above | | 0 SF | included above | included above | not included | 443 SF | 443 SF | |
| Community Storage | Ground Level | 112 SF | 3 | 336 SF | included above | included above | not included | 326 SF | 326 SF | Tops, West Suburban, Park District |
| Dryland Storage | Ground Level | 110 SF | 1 | 110 SF | included below | included below | not included | included above | included above | |
| Concessions Storage | Ground Level | 87 SF | 1 | 87 SF | 135 SF | 135 SF | not included | 191 SF | 191 SF | |
| PE Storage | Ground Level | 288 SF | 1 | 288 SF | included above | included above | not included | 100 SF | 100 SF | |
| | | | SUB-TOTAL | ***2,042 SF*** | ***1,268 SF*** | ***1,268 SF*** | ***0 SF*** | ***1,191 SF*** | ***1,268 SF*** | |
| **SUPPORT** | | | | | | | | | | |
| Pool Filtration Room | Lower Level | 1,288 SF | 1 | 1,288 SF | 835 SF | 835 SF | 1,550 SF | 1,181 SF | 1,181 SF | Confirm filtration type |
| Surge Tank | Lower Level | 594 SF | 1 | 594 SF | 450 SF | 450 SF | not included | not included | 450 SF | |
| Chemical Storage | Lower Level | 160 SF | 3 | 480 SF | 302 SF | 302 SF | not included | not included | 302 SF | Confirm chemicals to be used |
| Electrical Service Room | Ground Level | 168 SF | 1 | 168 SF | 281 SF | 281 SF | not included | 70 SF | 281 SF | |
| IDF/AV Room | Ground Level | 168 SF | 1 | 168 SF | 19 SF | 19 SF | not included | not included | 19 SF | |
| Mechanical Room: AHU East | Upper Level | 1,270 SF | 1 | 1,270 SF | 2,302 SF | 2,302 SF | not included | 1,075 SF | 2,302 SF | Confirm equipment layout |
| Mechanical Room: AHU West | Upper Level | 1,040 SF | 1 | 1,040 SF | 1,520 SF | 1,520 SF | not included | 1,483 SF | 1,483 SF | Confirm equipment layout |
| Mechanical Room: Boiler/Chiller | Ground Level | 1,745 SF | 1 | 1,745 SF | 897 SF | 897 SF | not included | not included | 897 SF | Confirm equipment layout |
| Rooftop Cooling Tower Enclosure | Upper Level | 912 SF | 1 | 912 SF | 912 SF | 912 SF | not included | not included | 912 SF | Confirm equipment layout |
| | | | SUB-TOTAL | ***7,665 SF*** | ***7,518 SF*** | ***7,518 SF*** | ***1,550 SF*** | ***3,809 SF*** | ***7,827 SF*** | |
| **COMMON AREAS** | | | | | | | | | | |
| Main Entrance Lobby | Ground Level | 668 SF | 1 | 668 SF | 616 SF | 616 SF | 1,036 SF | 124 SF | 616 SF | |
| Security Office | Ground Level | 144 SF | 1 | 144 SF | 165 SF | 165 SF | 160 SF | 103 SF | 103 SF | |
| Elevator - Freight | Lower/Gr/Upper | 100 SF | 3 | 300 SF | 276 SF | 276 SF | 160 SF | not included | 276 SF | |
| Elevator - Passenger | Ground/Upper | 100 SF | 2 | 200 SF | 140 SF | 140 SF | not included | 231 SF | 231 SF | |
| Elevator - Machine Rooms | Ground/Upper | | | 0 SF | 0 SF | 0 SF | not included | 68 SF | 68 SF | |
| Stairs | Lower/Gr/Upper | 144 SF | 5 | 720 SF | 1,909 SF | 1,909 SF | 932 SF | 1,838 SF | 1,838 SF | |
| Concessions | Upper Level | 200 SF | 1 | 200 SF | 218 SF | 218 SF | 593 SF | 182 SF | 182 SF | |
| Alumni Room | Upper Level | 1,187 SF | 1 | 1,187 SF | 1,335 SF | 1,335 SF | 3,255 SF | 729 SF | 1,335 SF | Classroom, Party Room |
| Dryland - 1st Floor | Ground Level | 473 SF | 1 | 473 SF | 648 SF | 648 SF | not included | 142 SF | 648 SF | |
| Dryland - 2nd Floor | Upper Level | not included | 0 | 0 SF | 1,188 SF | 1,188 SF | not included | not included | 1,188 SF | |
| Public Toilet Rooms | Upper Level | 320 SF | 2 | 640 SF | 473 SF | 473 SF | 174 SF | 288 SF | 473 SF | |
| Interior Corridor to Connect Bridge | Upper Level | not included | 0 | 0 SF | 0 SF | 0 SF | 0 SF | 0 SF | 0 SF | |
| Connecting Bridge to Building | Upper Level | not included | 0 | 0 SF | 0 SF | 0 SF | 0 SF | 0 SF | 0 SF | |
| | | | SUB-TOTAL | ***4,532 SF*** | ***6,968 SF*** | ***6,968 SF*** | ***6,310 SF*** | ***3,705 SF*** | ***6,958 SF*** | |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| Program Area Sub-Total | | NET BUILDING AREA | | ***47,711 SF*** | ***46,491 SF*** | ***43,453 SF*** | | ***31,926 SF*** | ***36,267 SF*** | ***45,452 SF*** | |
| Non-Program Area/Grossing Factor | | GROSS FACTOR | 20% | *9,542 SF* | *11,329 SF* | *11,298 SF* | | *7,906 SF* | *7,253 SF* | *9,090 SF* | |
| | | **Total Program Area** | | ***57,253 SF*** | ***57,820 SF*** | ***54,750 SF*** | | ***39,832 SF*** | ***47,042 SF*** LOW RANGE | ***54,542 SF*** HIGH RANGE | |