



SW 60TH COURT

PROPOSED ARTIFICIAL TURF FIELD CONVERSION

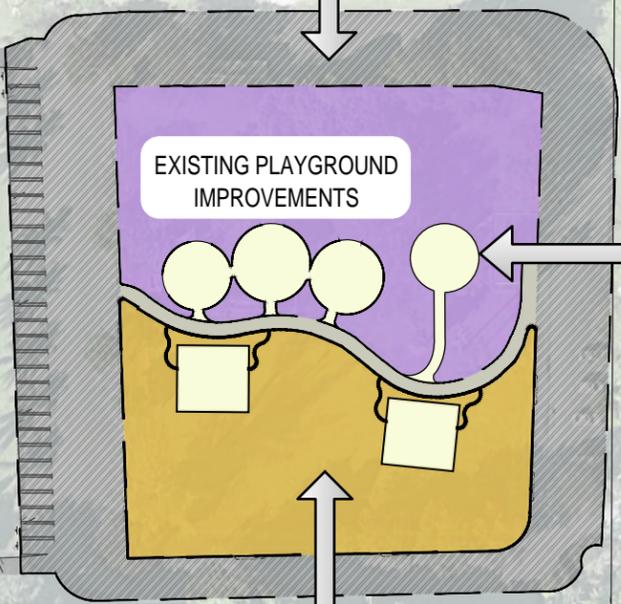
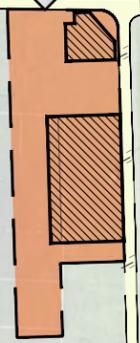
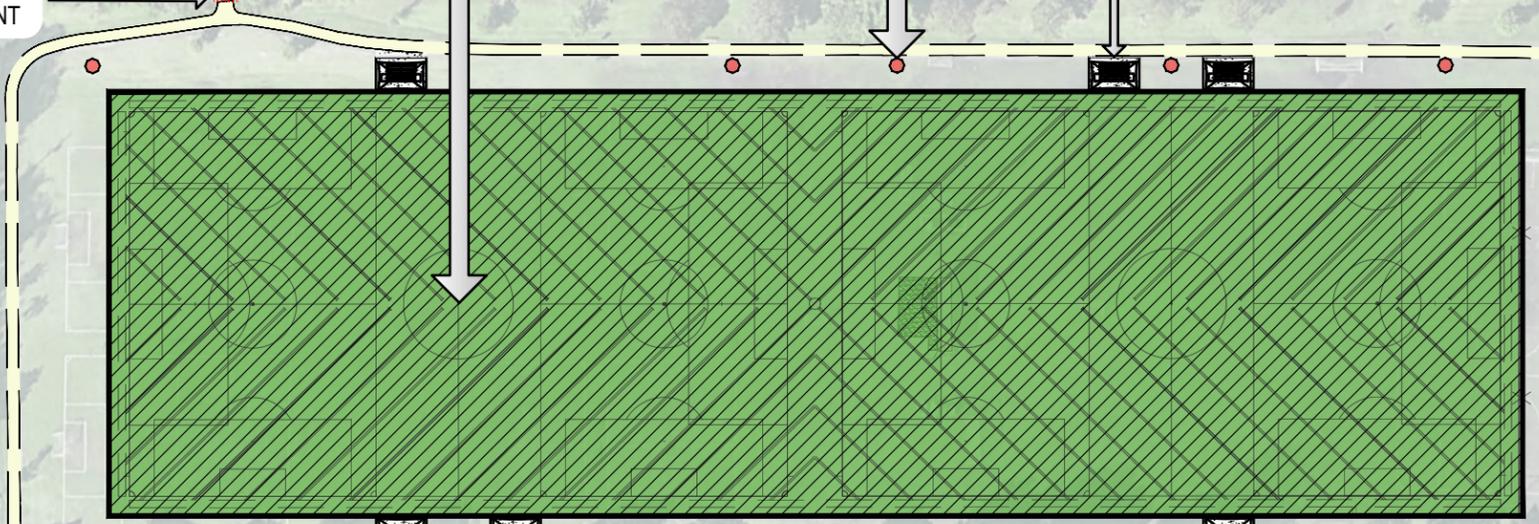
PROPOSED SPORTS LIGHTING IMPROVEMENTS

SHADED BLEACHERS

PROPOSED RESTROOM & CONCESSION ADDITION

PROPOSED PARKING IMPROVEMENTS

PROPOSED GATE IMPROVEMENT



EXISTING OUTDOOR FITNESS EQUIPMENT

EXISTING ASPHALT TRAIL

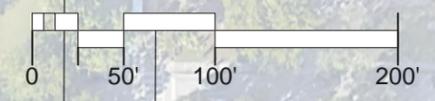
PROPOSED ADA-ACCESSIBLE PICNIC SHELTERS AND IMPROVEMENTS

PROPOSED GATE IMPROVEMENT

SW 58TH AVE



South Miami Park



PROPOSED PICNIC SHELTERS



West Pavilion



East Pavilion



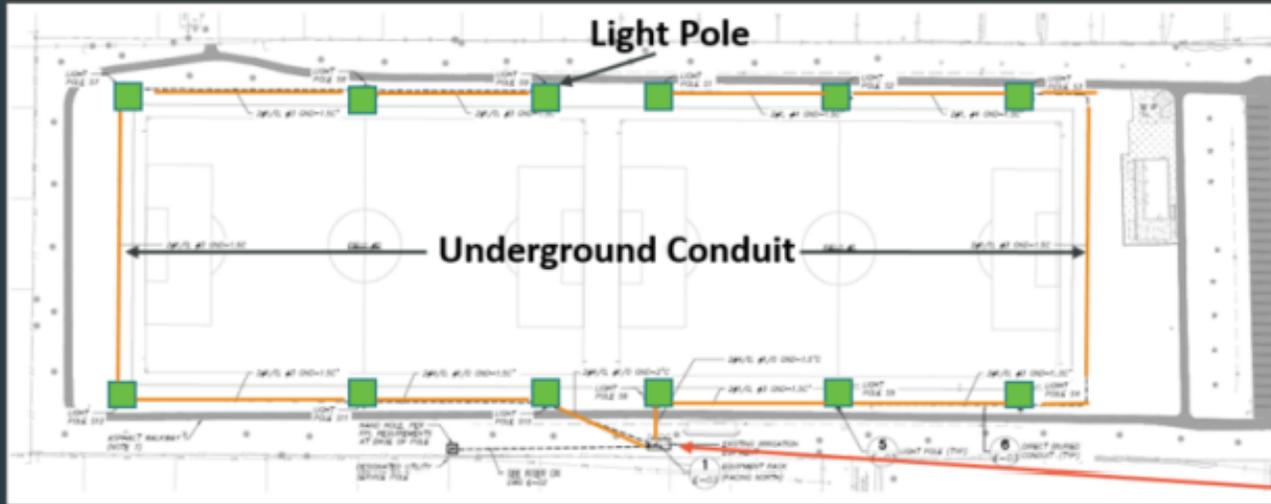
Dante Fascell



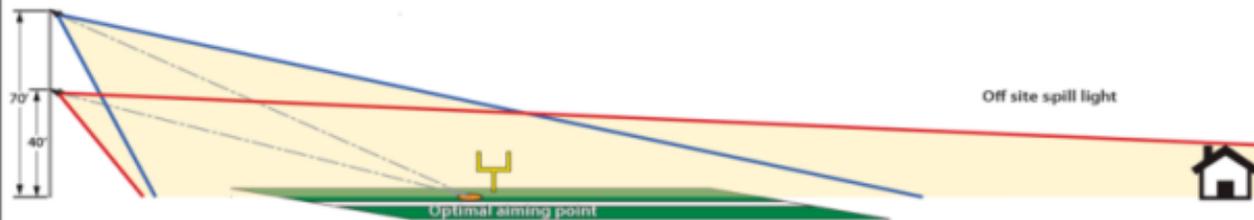
Restroom-Concession Facility



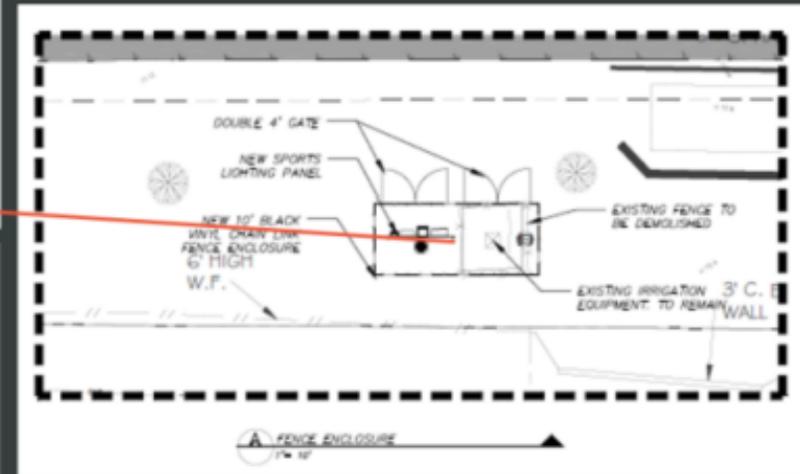
Sports Field Light Improvements



Pole height impacts aiming angles and the amount of spill light

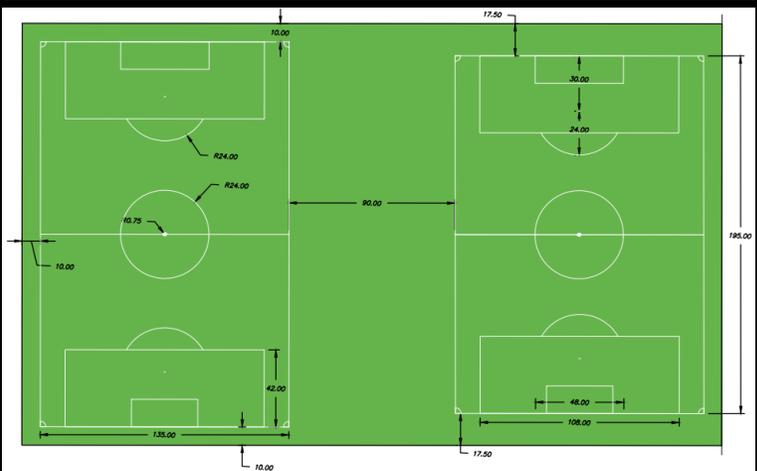
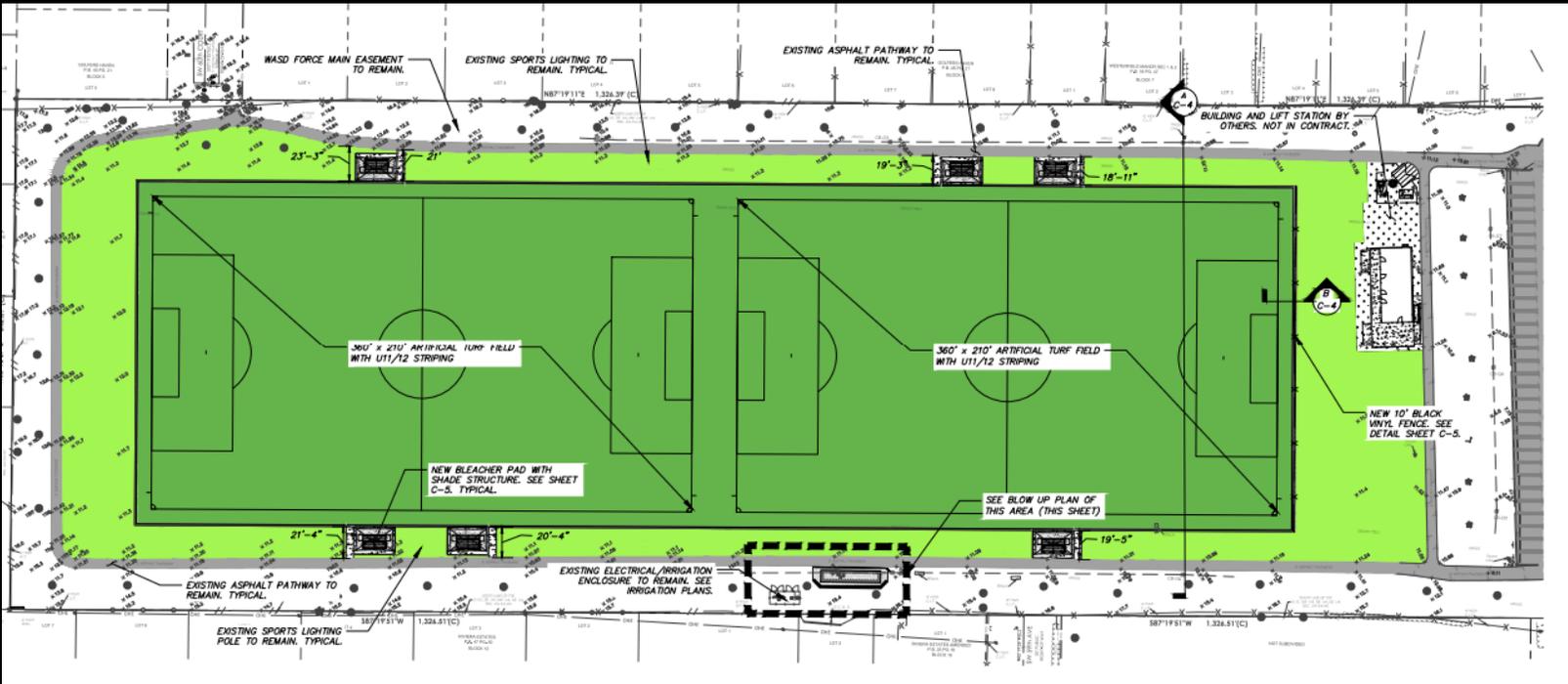


Enclosed Lighting Panel

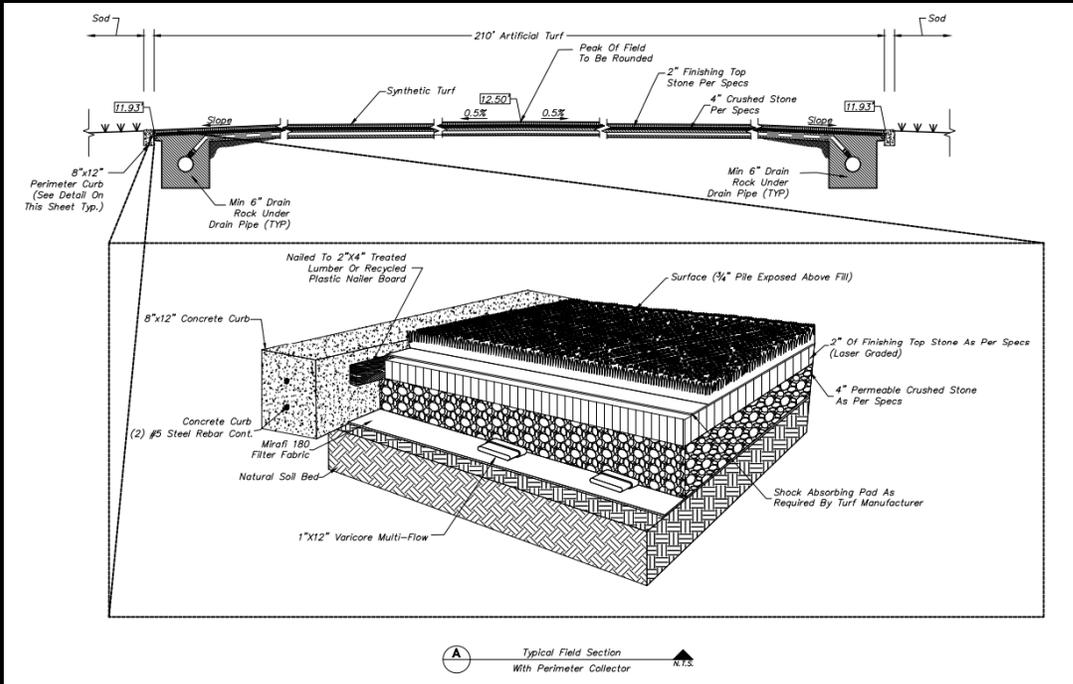


PROPOSED IMPROVEMENTS

- ❖ Relocation of current storage container
- ❖ Demo
- ❖ Drainage improvements (i.e., flat drains, French drains, yard drains)
- ❖ Two (2) standard size artificial turf soccer fields – 360'x210' each
 - ❑ Four (4) youth soccer fields for 7v7 and 9v9 competitions
 - ❑ Field striping for lacrosse and flag football play
- ❖ Fencing
- ❖ Bleachers w/ shade structure

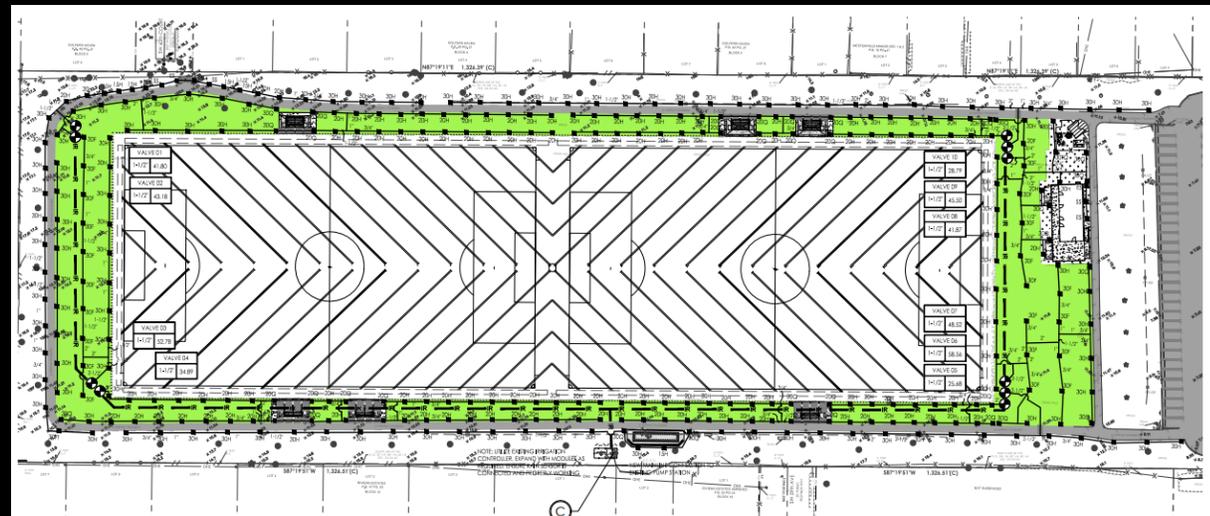


LAYERS BENEATH THE SURFACE



- ❖ Artificial turf
- ❖ Sand/Rubber Infill (or CoolPlay technology/Sand/Rubber)
- ❖ Backing system
- ❖ 2" finish top stone (laser graded)
- ❖ 4" compacted crushed stone
- ❖ Drain pipe (aggregate pipe bedding)
- ❖ Filter fabric
- ❖ Natural ground soil bed

SOD & IRRIGATION



- ❖ New sod (St. Augustine)
- ❖ Automatic irrigation system
- ❖ Rain sensor shutoff

BENEFITS OF ARTIFICIAL TURF OVER NATURAL GRASS FIELDS

- Turf can be used 3,000 hours a year (year-round use)
- Permit sports activities beyond soccer
- Rapidly draining (all-weather play)
- Turf surface is more uniform and consistent
- Water savings
- Most of the product is recyclable
- Cleaner player uniforms
- Low maintenance requirements and costs
 - No erosion, mud, soggy soil fields
 - Reduce mowing/edging (*fossil fuel consumption*)
 - No aerating, weeding, re-sodding and/or overseeding
 - No labor and materials required for bi-weekly field line painting
 - Eliminates use of fertilizers, herbicides and pesticides



<u>Maintenance Tasks</u>	<u>Natural Grass</u>	<u>Artificial Turf</u>
Water	\$1,500	\$750
Mowing/Edging	\$20,000	\$10,000
Fertilizer, pesticide, etc	\$3,000	\$0
Aerification, top-dressing, overseeding	\$5,000	\$0
New sod	\$1,200	\$0
Field painting materials	\$1,500	\$0
Irrigation control system repairs, etc.	\$2,000	\$1,000
Misc. expense	<u>\$1,500</u>	<u>\$1,500</u>
Estimated Annual Total (<i>excludes staff labor</i>)	\$35,700	\$13,250