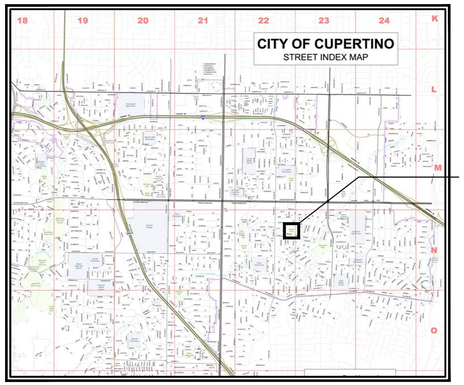
Attachment D

WILSON PARK BASKETBALL COURT

CITY OF CUPERTINO

CUPERTINO, CA

PROJECT NO. 2022-11



LOCATION MAP

ABBREVIATIONS:

AD	Area Drain	HP	High Point
BC	Begin Curve	INV	Invert
BO	Blowoff Valve	LAT	Lateral
BW	Bottom of Wall	LIP	Lip of Gutter
B/W	Back Of Walk	LP	Low Point
C&G	Curb & Gutter	Lt, Rt	Left, Right
CB	Catch Basin	PUE	Public Utility Easement
CL	Centerline	PSE	Public Service Easement
CMP	Corrugated Metal Pipe	PVC	Polyvinyl Chloride
CR	Curb Ramp	RCP	Reinforced Concrete Pipe
DI	Drain Inlet	RW, R/W	Right Of Way
DIP	Ductile Iron Pipe	SS	Sanitary Sewer
EASE	Easement	SSCO	Sanitary Sewer Clean Out
EP	Edge Of Pavement	SDMH	Storm Drain Manhole
EC	End Curve	SSMH	Sanitary Sewer Manhole
ECL	Existing Center Line	SSLat	Sanitary Sewer Lateral
ETW	Edge Of Traveled Way	SW	Sidewalk
EG	Existing Grade	TC	Top Of Curb
FG	Finish Grade	VCP	Vitrified Clay Pipe
FH	Fire Hydrant	VIF	Verify In Field
FL	Flow Line	WM	Water Meter
FS	Fire Service	WS	Water Service
GB	Grade Break	WV	Water Valve
		XING	Crossing

LEGEND

SD SD	EXISTING STORM DRAIN
W W	EXISTING WATER
E(O/H) E(O/H)	EXISTING ELECTRIC (OVERHEAD)
SD SD	NEW STORM DRAIN
BD BD	NEW BACK DRAIN
UD UD	NEW UNDER DRAIN
100	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
100	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	PROPERTY LINE
	GRADE BREAK
	FLOW LINE
	VEGETATION DRIPLINE
	SURVEY CONTROL POINT
	BORING HOLE/BENCHMARK
	TREE
	TREE REMOVAL
	FIRE HYDRANT
	WATER VALVE
D	STORM DRAIN MANHOLE
S	SANITARY SEWER MANHOLE

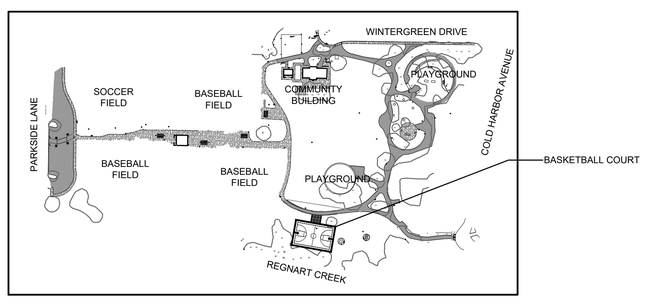
CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY THAT MAY BE AFFECTED BY THE CONSTRUCTION WORK. THE CONTRACTOR SHALL BE LIABLE FOR ALL VIOLATIONS OF LABOR LAWS AND SAFETY REGULATIONS. CONTRACTOR AGREES TO INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

CIVIL SHEET INDEX

C0.0	COVER SHEET
C0.1	BEST MANAGEMENT PRACTICES
C1.0	SITE PLAN
C1.1	DEMOLITION PLAN
C2.0	PROFILES
C2.1	PROFILES
C3.0	DETAILS
C3.1	DETAILS
T1	TOPOGRAPHIC SURVEY
T2	TOPOGRAPHIC SURVEY
T3	TOPOGRAPHIC SURVEY
T4	TOPOGRAPHIC SURVEY

BID ALTERNATE

1 LIME TREAT 24" MIN OF EXISTING MATERIAL BELOW BASKETBALL COURT AND CONCRETE WALKWAY AND RECOMPACT. EXCAVATE THE SWALE AND BACKFILL BY CONTOUR GRADING THE GRASSY MOUND. REDUCE THE BACKFILL DEPTH AS NEEDED TO BALANCE.



SITE MAP

BASIS OF BREARINGS:
ASSUMED N 80°58'34" W FROM POINT #9 (HMH #310) TO POINT #10 (HMH #324) BASED ON REGNART CREEK TRAIL IMPROVEMENT PLANS AND POINT COORDINATE DATA PROVIDED BY HMH

BASIS OF ELEVATION:
ASSUMED ELEVATION AT HMH #342 AS 211.74 FEET PER HMH DATA

CITY ENGINEER'S SIGNATURE

APPROVED BY: CHAD MOSLEY, PUBLIC WORKS — RCE 66077 — DATE 11/02/22

CITY OF CUPERTINO GENERAL NOTES

1. All work shall be in accordance with the State of California Department of Transportation Standard Specifications (latest edition, as amended), and Standard Plans (latest edition, as amended), and City of Cupertino Standard Details. The Contractor shall perform the work described in the specification, and as shown on the drawings, and to the satisfaction of the City Engineer.
2. It shall be the responsibility of the Contractor to ensure the approved plans or the latest revised plans are furnished to its subcontractors, and to ensure the latest approved plans are onsite at all times during construction.
3. The Contractor shall notify the City two (2) working days prior to requiring an inspection.
4. Contractor shall provide traffic control at location where traffic is impacted prior to beginning of work.
5. The Contractor shall locate underground utilities in the area of work. The Contractor shall contact Underground Service Alert (USA) at 811 two (2) working days in advance of any work for location of the underground utilities.
6. Storm drain lines installed as part of the work on these plans shall be cleared of all debris and obstructions prior to final acceptance.
7. All trench backfill, fill areas, and base material shall attain a minimum 95% relative compaction. For typical trench sections, except for sanitary sewers, refer to the City Standard Details.
8. In the case of live tree roots from City trees, Contractor shall contact the City for field observation prior to removing tree roots.
9. Existing pavement that is removed or damaged shall be replaced as required by the City Engineer at the expense of the Contractor.
10. Manhole frames and covers shall be brought to finish grade prior to final signoff.
11. Concrete used in all concrete structures shall conform to California Department of Transportation Standard Specifications Section 90. Drop inlets, sidewalks, curbs and gutters shall contain 590 lbs. of cement per cubic yard and shall attain a minimum strength of 3,000 psi in 28 days.
12. One pound of dispersing black shall be mixed with each cubic yard of concrete at the batch plant.
13. New City standard street monuments and other permanent monuments disturbed during construction shall be replaced before acceptance of the improvements by the City Engineer. Attention is directed to Section 8771 of the California Business and Professions Code for the requirements concerning survey monuments. Existing survey monuments shall be located and referenced by or under the direction of a licensed land surveyor or registered civil engineer prior to construction operations, and a corner record or record of survey shall be filed with the County Surveyor of the County of Santa Clara. Existing survey monuments shall be reset to finish grade, and a corner record or record of survey shall be filed with the County Surveyor of the County of Santa Clara prior to the recording of the certificate of completion for the project.
14. Construction survey stakes or marks (control stakes) to establish lines and grades shall be set by the Contractor's surveyor or engineer.
15. Notify the City two (2) working days in advance of requiring services for checking field staking. Three (3) copies of the cut sheets shall be furnished to the City.
16. Contractor is responsible for dust control and ensuring the area adjacent to the work is left in a clean condition.
17. Contractor shall review City Detail 6-4 on tree protection prior to accomplishing any work or removing any trees.
18. Utilize Best Management Practices (BMP's), as required by the State Water Resources Control Board, for ANY activity, which disturbs the soil.
19. Contractor must provide a Construction and Demolition Debris Management Plan and register with Green Halo to track and upload waste generation tonnage information.
20. Project shall comply with the 2019 California Building Code (Base code 2018 IBC), 2019 CA Plumbing (2018 UPC), 2019 CA Green Building Code, and the Cupertino Municipal Code.

811 Know what's below. Call before you dig.

LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE ONLY APPROXIMATE. THE EXISTING UTILITIES SHOWN WERE PLOTTED USING INCOMPLETE AND IMPRECISE RECORDS. IT SHOULD BE EXPRESSLY UNDERSTOOD THIS INFORMATION DOES NOT NECESSARILY REPRESENT ACTUAL OR COMPLETE SITE CONDITIONS OR SHOW DETAILS OF EXACT LOCATION, DEPTH OR OTHER CONSTRUCTION FEATURES OF THESE UTILITIES. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, AS TO THE COMPLETENESS OR ACCURACY OF THIS INFORMATION IS SET FORTH HEREIN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THIS INFORMATION WITH THE AFFECTED UTILITIES PRIOR TO EXCAVATION. THE CONTRACTOR SHALL CALL "UNDERGROUND SERVICE ALERT" AT 1-800-642-2444 OR 8-1-1 FOR THE MARKING OF UNDERGROUND FACILITIES AT LEAST 2 DAYS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL HAND DIG AND LOCATE ALL UTILITIES THAT MAY BE AFFECTED BY THE NEW FACILITIES IN THIS CONTRACT TO VERIFY ACTUAL DEPTH AND LOCATION OF UTILITIES AND REPORT POTENTIAL CONFLICTS TO THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES WHETHER SHOWN OR NOT AND IS RESPONSIBLE FOR ALL DAMAGES TO EXISTING UTILITIES.

MME
CIVIL•STRUCTURAL ENGINEERING
224 Walnut Ave, Suite B Santa Cruz, CA 95060
Phone (831) 426-3186

REGISTERED PROFESSIONAL ENGINEER RODNEY T. CAHILL No. 67728 CIVIL STATE OF CALIFORNIA

Date:	OCTOBER 13, 2022
Scale:	NTS
Designed:	RC
Drawn:	JP
Checked:	RC
Proj. Engr:	RC
File:	21143:P3

REVISIONS	DESIGN BY	DESIGN DATE	CITY APPR.	APPR. DATE

IMPROVEMENT PLANS FOR

WILSON PARK BASKETBALL COURT

CUPERTINO CALIFORNIA

FOR CITY OF CUPERTINO USE
PROJECT # 2022-11
PUBLIC WORKS INSPECTOR:
VOICE MAIL:
PROJECT ENGINEER
NAME DATE

EST. 1955

CITY OF CUPERTINO

SHEET C0.0

SHEET 1 OF 12

DATE MARCH 2015

In the Santa Clara Valley, storm drains flow directly to our local creeks, and on to San Francisco Bay, with no treatment.

Storm water pollution is a serious problem for wildlife dependent on our waterways and for the people who live near polluted streams or baylands.

Proper management of construction sites reduces pollution significantly.

This sheet summarizes the "Best Management Practices" (BMPs) for storm water pollution prevention.

ORDINANCE OF THE CITY OF CUPERTINO FOR STORM WATER POLLUTION PREVENTION & WATERCOURSE PROTECTION: Chapter 9.18

9.18.040 Discharge into the storm drain prohibited

It is unlawful to cause, allow, or permit to be discharged, any discharge not composed entirely of stormwater to the storm drain system or to surface waters or to any location where it would contact or eventually be transported to surface waters, including flood plain areas, unless specifically called out in the Municipal Regional Permit as an exempt or conditionally exempt discharge.

9.18.070 Accidental Discharge

All persons shall notify the Director of Public Works immediately upon accidentally discharging pollutants of concern to enable countermeasures to be taken by the City to minimize damage to storm drains and the receiving waters. Initial notification shall be followed, within five (5) business days of the date of occurrence, by a detailed written statement describing the causes of the accidental discharge and the measures being taken to prevent future occurrences. Such notification will not relieve persons of liability for violations of this chapter or for any fines imposed on the City on account thereof under Section 13350 of the California Water Code, or for violation of Section 5650 of the California Fish and Wildlife Code, or any other applicable provisions of State or Federal laws.

9.18.220 Violation*

Any person who violates any provision of this Chapter shall be guilty of a misdemeanor and upon conviction thereof shall be punished as provided in Chapter 1.12 of the City of Cupertino Municipal Code.

Chapter 1.12: General Penalty, Section 1.12.010, paragraph D, states*:

Unless otherwise specified by this code, an infraction is punishable by:

1. A fine not to exceed $100 for a first violation
2. A fine not to exceed $200 for a second violation
3. A fine not to exceed $500 for a third violation of the same chapter within one year.

9.18.240 Civil penalty for illicit discharges*

Any person who discharges pollutants, in violation of this Chapter, by the use of illicit connections shall be civilly liable to the City in a sum **not to exceed twenty-five thousand dollars per day per violation** for each day in which such violation occurs.

*Excerpts – For complete CODE language refer to the City ofCupertino Municipal Code.

Cupertino
Building Dept: 408-777-3228
Public Works Dept: 408-777-3354

Santa Clara County Recycling Hotline: 800-533-8414
www.reducewaste.org
www.recyclestuff.com
Small Business Hazardous Waste: 408-299-7300

Cupertino Sanitary Sewer Distr 408-253-7071

Santa Clara Valley Urban Runoff Pollution Prevention Prgm 800-794-2482

State Office of Emergency Services 1-800-852-7550 (24 hrs)

Report spills to 911

General Construction and Site Supervision

Storm Drain Pollution from Construction Activities

Construction sites are common sources of storm water pollution. Materials and wastes that blow or wash into a storm drain, gutter, or street have a direct impact on local creeks and the Bay.

As a contractor, or site supervisor, owner or operator of a site, you may be responsible for any environmental damage caused by your subcontractors or employees.

General Principles

- Keep an **orderly site** and ensure good housekeeping practices are used.
- **Maintain equipment** properly.
- **Cover** materials when they are not in use.
- Keep materials **away from streets**, storm drains and drainage channels.
- Ensure **dust control** water doesn't leave site or discharge to storm drains.

Advance Planning To Prevent Pollution

- **Schedule excavation and grading activities for dry weather periods.** To reduce soil erosion, plant temporary vegetation or place other erosion controls before rain begins. Use the *Erosion and Sediment Control Manual*, available from the Regional Water Quality Control Board, as a reference.
- **Control the amount of runoff** crossing your site (especially during excavation!) by using berms or temporary or permanent drainage ditches to divert water flow around the site. Reduce stormwater runoff velocities by constructing temporary check dams or berms where appropriate.
- **Train your employees and subcontractors.** The city can provide brochures about these issues for you to distribute to workers at your construction site. Inform your subcontractors about the stormwater requirements and their own responsibilities. Use *Blueprint for a Clean Bay*, a construction best management practices guide available at our Building Dept. counter.

Good Housekeeping Practices

- **Designate one area of the site** for auto parking, vehicle refueling, and routine equipment maintenance. The designated area should be well away from streams or storm drain inlets, bermed if necessary. Make major repairs off site.
- **To prevent off-site tracking of dirt,** provide entrances with stabilized aggregate surfaces. Or provide a tire wash area.
- **Keep materials out of the rain** – prevent runoff contamination at the source. Cover proposed piles of soil or construction materials with plastic sheeting or temporary roofs. Before it rains, sweep and remove materials from surfaces that drain to storm drains, creeks, or channels.
- **Contain all litter, food wrappers, bottles and cans** - Place lidded trash and recycling bins around the site.
- **Clean up leaks, drips and other spills** immediately so they do not contaminate soil or groundwater or leave residue on paved surfaces. Use dry cleanup methods whenever possible. If you must use water, use just enough to keep the dust down.
- **Cover and maintain dumpsters**. Place dumpsters under roofs or cover with tarps or plastic sheeting secured around the outside of the dumpster. Never clean out a dumpster by hosing it down on the construction site.
- **Place portable toilets** away from storm drains. Make sure portable toilets are in good working order. Check frequently for leaks.

Materials/Waste Handling

- **Practice Source Reduction** -- minimize waste when you order materials. Estimate carefully.
- **Recycle excess materials**, whenever possible, such as concrete, asphalt, scrap metal, solvents, degreasers, cleared vegetation, paper, rock, and vehicle maintenance materials such as used oil, antifreeze, batteries, and tires. www.reducewaste.org for info.
- **Dispose of all wastes properly**. Materials that cannot be recycled must be taken to an appropriate landfill or disposed of as hazardous waste. Never bury waste materials or leave them in the street or near a creek or stream bed.

Permits

- In addition to local grading and building permits, you will need to obtain coverage under the State's General Construction Activity Stormwater Permit if your construction **site's disturbed area totals 5 acres or more.** Information on the General Permit can be obtained from the Regional Water Quality Control Board. (This criteria will change to one acre as of Mar. 2003.)

Landscaping, Gardening, and Pool Maintenance

Landscaping/Garden Maintenance

- **Protect stockpiles** and landscaping materials **from wind and rain** by storing them under tarps or secured plastic sheeting.
- **Schedule** grading and excavation projects **during dry weather**.
- Use temporary **check dams or ditches** to divert runoff away from storm drains.
- **Protect storm drains with sandbags, gravel-filled bags, straw wattles,** or other sediment controls.
- **Re-vegetation** is an excellent form of erosion control for any site.
- **Store** pesticides, fertilizers, and other chemicals **indoors** or in a shed or storage cabinet.
- **Use pesticides sparingly**, according to instructions on the label. Rinse empty containers, and use rinsewater as product. Dispose of rinsed, empty containers in the trash. Dispose of unused pesticides as hazardous waste.
- In Cupertino, **residents** with curbside recycling can collect lawn, garden and tree trimmings in **yardwaste toters.** Yardwaste will be collected and composted by the city's contractors. Residents are encouraged to compost yardwaste on-site themselves. Or take yardwaste to a landfill where it will be composted.
- **Landscape contractors** should **take** clippings and pruning waste **to a landfill that composts yard waste** (BFI's Newby Island and Zanker Rd. landfill are the nearest).
- **Do not blow or rake leaves into the street.**

Storm Drain Pollution from Landscaping and Swimming Pool Maintenance

Many landscaping activities expose soils and increase the likelihood that earth and garden chemicals will run off into the storm drains during irrigation or when it rains.
Swimming pool water containing chlorine and copper-based algaecides should never be discharged to storm drains. These chemicals are toxic to aquatic life.

Pool/Fountain/Spa Maintenance

Draining pools or spas

When it's time to drain a pool, spa, or fountain, please be sure to call the Cupertino Sanitary District before you start for further guidance on flow rate restrictions, backflow prevention, and handling special cleaning waste (such as acid wash). Discharge flows should be kept to the low levels typically possible through a garden hose. Higher flow rates may be prohibited by local ordinance.

- **Never discharge pool or spa water to a street or storm drain; discharge to a sanitary sewer cleanout.**
- If possible, when emptying a pool or spa, let chlorine dissipate for a few days and then recycle/reuse water by **draining it gradually onto a landscaped area**.
- **Do not use copper-based algaecides.** Control algae with chlorine or other alternatives, such as sodium bromide.

Filter Cleaning

- **Never clean a filter in the street or near a storm drain.** Rinse cartridge and diatomaceous earth filters onto a dirt area, and spade filter residue into soil. Dispose of spent diatomaceous earth in the garbage.
- **If there is no suitable dirt area**, call Cupertino Sanitary for instructions on discharging filter backwash or rinsewater to the sanitary sewer.

Earth-Moving Activities

Storm Drain Pollution from Earth-Moving Activities

Soil excavation and grading operations loosen large amounts of soil that can flow or blow into storm drains when handled improperly. Sediments in runoff can clog storm drains, smother aquatic life, and destroy habitats in creeks and the Bay. Effective erosion control practices reduce the amount of runoff crossing a site *and* slow the flow with check dams or roughened ground surfaces.

Practices During Construction

- Remove existing vegetation only when absolutely necessary. **Plant temporary vegetation for erosion control** on slopes or where construction is not immediately planned.
- **Protect downslope drainage courses, streams, and storm drains** with wattles, or temporary drainage swales. Use check dams or ditches to **divert runoff around excavations**. Refer to the Regional Water Quality Control Board's *Erosion and Sediment Control Field Manual* for proper erosion and sediment control measures.
- **Cover stockpiles** and excavated soil with secured tarps or plastic sheeting.

Dewatering Operations

Storm Drain Pollution From Dewatering Activities

Be sure to call your city's storm water inspector at 408-472-9907 before discharging water to a street, gutter, or storm drain. Filtration or diversion through a basin, tank, and sediment trap may be required. Reuse water for dust control, irrigation or another on-site purpose to the greatest extent possible.

Check for Sediment or Toxic Pollutants

- Check for odors, discoloration, or an oily sheen on groundwater.
- Ask your city inspector whether the groundwater must be tested by a certified laboratory.
- Depending on the test results, you may be allowed to discharge pumped groundwater to the storm drain OR you may be required to discharge to the sanitary sewer or collect and haul the water off-site for treatment and disposal at an appropriate treatment facility.
- When discharging to a storm drain, protect the inlet using a barrier of burlap bags filled with drain rock, or cover inlet with filter fabric anchored under the grate.
- Contact Cupertino Sanitary District at 253-7071 prior to discharging to the sanitary sewer.

Heavy Equipment Operation

Stormwater Pollution from Heavy Equipment on Construction Sites

Poorly maintained vehicles and heavy equipment that leak fuel, oil, antifreeze or other fluids on the construction site are common sources of storm drain pollution. **Prevent spills and leaks** by isolating equipment from runoff channels, and by watching for leaks and other maintenance problems. Remove construction equipment from the site as soon as possible.

Site Planning and Preventive Vehicle Maintenance

- **Designate one area** of the construction site, well away from streams or storm drain inlets, for auto and equipment parking, refueling, and routine vehicle and equipment maintenance. Contain the area with berms, sand bags, or other barriers.
- **Maintain all vehicles** and heavy equipment. Inspect frequently for and repair leaks.
- **Perform** major **maintenance**, repair jobs, and vehicle and equipment washing **off-site**, where cleanup is easier.
- If you must drain and replace motor oil, radiator coolant, or other fluids on site, **use drip pans or drop cloths to catch drips and spills**. Collect all spent fluids, store in separate containers, and properly dispose as hazardous waste (recycle whenever possible).
- **Do not use diesel oil to lubricate** equipment parts, or clean equipment. Use only water for any onsite cleaning.
- **Cover exposed fifth wheel hitches** and other oily or greasy equipment during rain events.

Spill Cleanup

- **Clean up spills immediately**.
- **Never hose down** "dirty" pavement or impermeable surfaces where fluids have spilled. **Use dry cleanup methods** (absorbent materials, cat litter, and/or rags) whenever possible and properly dispose of absorbent materials.
- **Sweep up** spilled dry materials immediately. Never attempt to "wash them away" with water, or bury them.
- **Use as little water as possible** for dust control. Ensure water used doesn't leave silt or discharge to storm drains.
- **Clean up spills on dirt areas** by digging up and properly disposing of contaminated soil.
- **Call 911 for significant spills**.
- If the spill poses a **significant hazard** to human health and safety, property or the environment, you must also **report** it to the State Office of Emergency Services.

The property owner and the contractor share ultimate responsibility for the activities that occur on a construction site. You may be held responsible for any environmental damage caused by your subcontractors or employees.

Removal of BMP Facilities

The Project Contractor is responsible for removal of all BMP Facilities located within the Public Right of Way upon project final inspection.

Painting and Application of Solvents and Adhesives

Storm Drain Pollution from Paints, Solvents, and Adhesives

All paints, solvents, and adhesives contain chemicals that are harmful to wildlife in local creeks, San Francisco Bay, and the Pacific Ocean. Toxic chemicals may come from liquid or solid products or from cleaning residues or rags. Paint material and wastes, adhesives and cleaning fluids should be recycled when possible, or disposed of properly to prevent these materials from flowing into storm drains and watercourses.

Handling Paint Products

- **Keep all liquid paint products and wastes away from the gutter, street, and storm drains.**

Painting Cleanup

- **Never clean brushes or rinse paint containers into a street, gutter, storm drain, French drain, or creek.**
- For **water-based paints**, paint out brushes to the extent possible, and rinse into an inside sink drain that goes to the sanitary sewer.
- For **oil-based paints**, paint out brushes to the extent possible and clean with thinner or solvent. Filter and reuse thinners and solvents, where possible. Dispose of excess liquids and residue as hazardous waste.
- When thoroughly dry, empty paint cans, used brushes, rags, and drop cloths may be **disposed of as garbage**.

Paint Removal

- **Paint chips and dust from non-hazardous dry stripping and sand blasting** may be swept up or collected in plastic drop cloths and disposed of as trash.
- **Chemical paint stripping residue,** and chips and dust from **marine paints,** or **paints containing lead, mercury or tributyl tin** must be disposed of as hazardous wastes. Lead based paint removal requires a state-certified contractor.
- When stripping or cleaning **building exteriors** with high-pressure water, block storm drains. **Direct washwater onto a dirt area** and spade into soil. Or, check with Cupertino Sanitary District to find out if you can mop or vacuum the washwater and **dispose of it in a sanitary sewer drain**. Sampling of the washwater may be required.
- **Washwater from painted buildings constructed before 1978** can contain high amounts of **Lead,** even if paint chips are not present. Before you begin stripping paint or cleaning pre-1978 building exteriors with water under high pressure, test paint for lead by taking paint scrapings to a local laboratory. (See Yellow Pages for a state-certified laboratory.)
- If there is **loose paint** on the building, or if the **paint tests positive for lead**, block storm drains. Check with Cupertino Sanitary District to determine whether you may discharge water to the sanitary sewer, or if you must send it offsite for disposal as hazardous waste.

Paint Disposal, Return or Donation

- **Dispose of** unwanted liquid paint, thinners, solvents, glues, and cleaning fluids **as hazardous waste** (call the Small Business Hazardous Waste Prgm: 299-7300).
- Or **Return** to supplier. (Unopened cans of paint may be able to be returned. Check with the vendor regarding its "buy-back" policy.)
- **Donate** excess paint (call 299-7300 to donate.)

Roadwork and Paving

General Business Practices

- Develop and implement **erosion/sediment control plans** for roadway embankments.
- Schedule excavation and grading work during **dry weather.**
- Check for and **repair leaking equipment**.
- Perform **major equipment repairs** at designated areas in your maintenance yard, where cleanup is easier. Avoid performing equipment repairs at construction sites.
- When **refueling** or when vehicle/equipment maintenance must be done on site, designate a location away from storm drains and creeks.
- **Do not use diesel oil to lubricate** equipment parts or clean equipment.
- **Recycle** used oil, concrete, broken asphalt, etc. whenever possible, or dispose of properly. (www.recyclestuff.com for list of recycling companies.)

Asphalt/Concrete Removal

- Avoid creating excess **dust** when breaking asphalt or concrete.
- After breaking up old pavement, be sure to **remove all chunks and pieces**. Make sure broken pavement does not come in contact with rainfall or runoff.
- When making **saw cuts**, use as little water as possible. Shovel or vacuum saw-cut slurry and remove from the site. Cover or protect storm drain inlets during saw-cutting. Sweep up, and properly dispose of, all residues.
- Sweep, **never hose down streets** to clean up tracked dirt. Use a street sweeper or vacuum truck. Do not dump vacuumed liquor in storm drains.

Storm Drain Pollution from Roadwork

Road paving, surfacing, and pavement removal happen right in the street, where there are numerous opportunities for asphalt, saw-cut slurry, or excavated material to illegally enter storm drains. Extra planning is required to store and dispose of materials properly and guard against pollution of storm drains, creeks, and the Bay.

During Construction

- **Avoid paving and seal coating in wet weather,** or when rain is forecast, to prevent fresh materials from contacting stormwater runoff.
- **Cover and seal catch basins and manholes** when applying seal coat, slurry seal, fog seal, or similar materials.
- **Protect drainage ways** by using earth dikes, sand bags, or other controls to divert or trap and filter runoff.
- Never wash excess material from **exposed-aggregate concrete** or similar treatments into a street or storm drain. Collect and recycle, or dispose to dirt area.
- **Cover stockpiles** (asphalt, sand, etc.) and other construction materials with plastic tarps. Protect from rainfall and prevent runoff with temporary roofs or plastic sheets and berms.
- Park **paving machines** over drip pans or absorbent material (cloth, rags, etc.) to catch drips when not in use.
- **Clean up all spills and leaks** using "dry" methods (with absorbent materials and/or rags), or dig up, remove, and properly dispose of contaminated soil.
- Collect and recycle or appropriately dispose of excess abrasive gravel or sand. ???
- Avoid over-application by **water trucks** for dust control.

Fresh Concrete and Mortar Application

Storm Drain Pollution from Fresh Concrete and Mortar Applications

Fresh concrete and cement-related mortars that wash into lakes, streams, or estuaries are toxic to fish and the aquatic environment. Disposing of these materials to the storm drains or creeks can block storm drains, causes serious problems, and is prohibited by law.

General Business Practices

- Wash out concrete mixers only in designated **washout areas** in your yard, away from storm drains and waterways, where the water will flow into a temporary waste pit in a dirt area. Let **water** percolate through soil and dispose of settled, hardened concrete as garbage. Whenever possible, recycle washout by pumping back into mixers for reuse.
- **Wash out chutes** onto dirt areas that do not flow to streets or drains.
- **Always store both dry and wet materials under cover,** protected from rainfall and runoff and away from storm drains or waterways. Protect dry materials from wind.
- **Secure bags of cement** after they are open. Be sure to keep wind-blown cement powder away from streets, gutters, storm drains, rainfall, and runoff.
- **Do not use diesel fuel as a lubricant** on concrete forms, tools, or trailers.

During Construction

- **Don't mix up more** fresh concrete or cement than you will use in a two-hour period.
- Set up and **operate small mixers on tarps** or heavy plastic drop cloths.
- When cleaning up after driveway or sidewalk construction, **wash fines onto dirt areas**, not down the driveway or into the street or storm drain.
- **Protect** applications of fresh concrete and mortar **from rainfall** and runoff until the material has dried.
- Wash down **exposed aggregate concrete** only when the washwater can (1) flow onto a dirt area, (2) drain onto a bermed surface from which it can be pumped and disposed of properly, or (3) be vacuumed from a catchment created by blocking a storm drain inlet. If necessary, divert runoff with temporary berms. Make sure runoff does not reach gutters or storm drains.
- When breaking up pavement, be sure to pick up all the pieces and **dispose of properly**. Recycle large chunks of broken concrete. See www.reducewaste.org for info on recyclers.
- **Never bury** waste material. Dispose of small amounts of excess dry concrete, grout, and mortar in the trash.
- Never dispose of **washout** into the street, storm drains, drainage ditches, or streams.

Small Business Hazardous Waste Disposal Prgm

Businesses that generate less than 27 gallons or 220 pounds of hazardous waste per month are eligible to use this program.

Call 408-299-7300 for a quote.

CITY OF CUPERTINO

Santa Clara Valley *Urban Runoff* Pollution Prevention Program

UPDATED SEPTEMBER 2016

APPROVED BY: TIMM BORDEN, RCE 45512, DIRECTOR OF PUBLIC WORKS — DATE 9/1/16

CONSTRUCTION BEST MANAGEMENT PRACTICES

CITY OF CUPERTINO
DEPARTMENT OF PUBLIC WORKS

SHEET: C0.1 OF 12 SHEETS

FILE:

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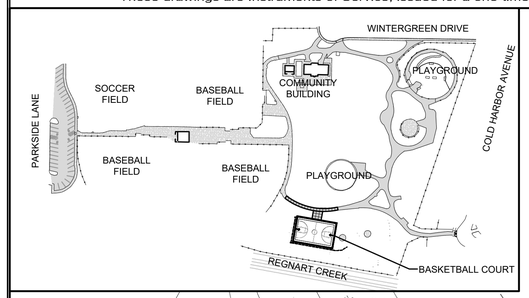


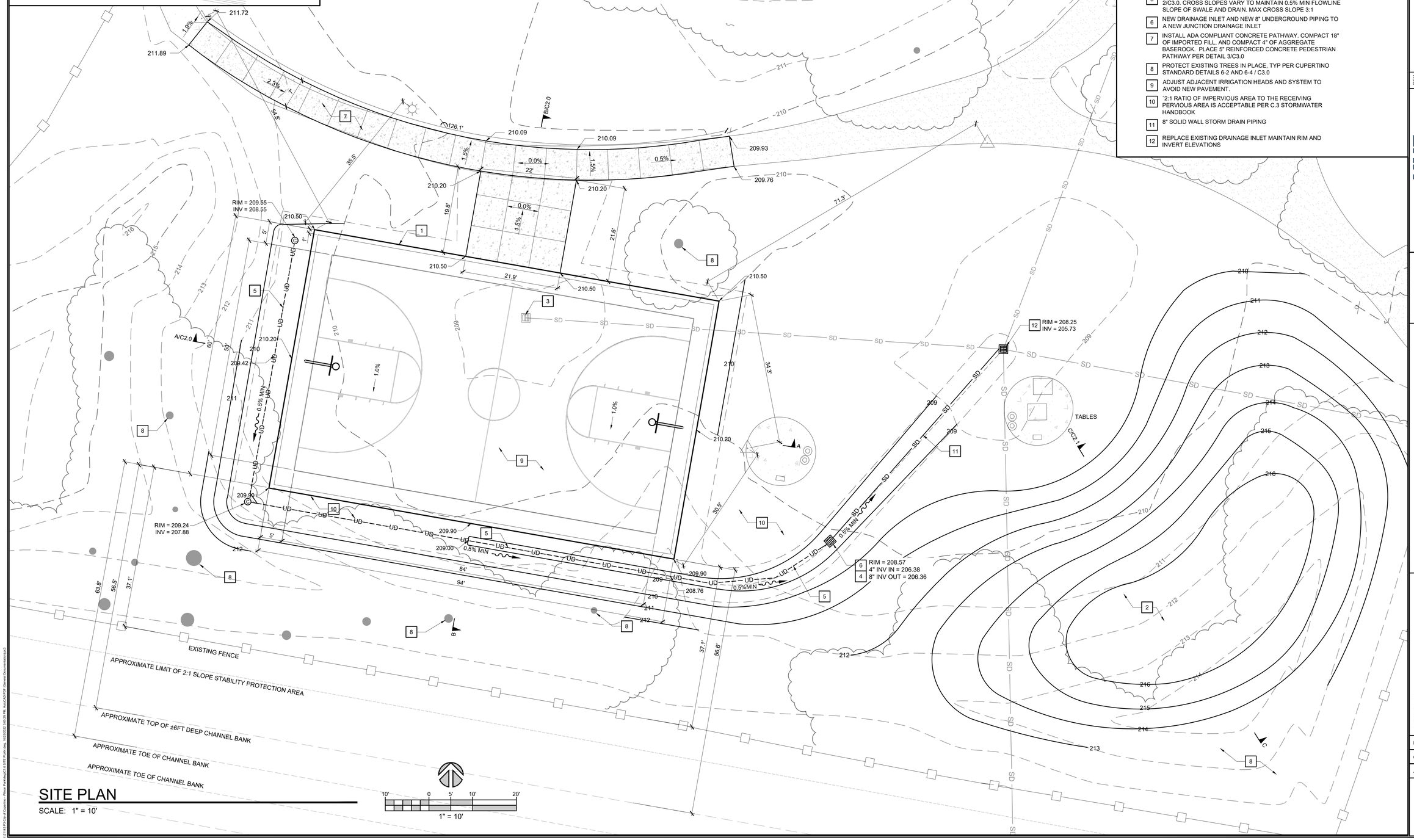
GRADING QUANTITY ESTIMATES

EXCAVATION, WALKWAY	175 CY
EXCAVATION, COURT	750 CY
CONTOUR GRADING BACKFILL, WALKWAY	175 CY
CONTOUR GRADING BACKFILL, COURT	750 CY

1. BALANCE ONSITE EXCAVATION AND BACKFILL BY CONTOUR GRADING THE GRASSY MOUND.
2. REDUCE MOUND SIZE UNDER BID ALTERNATE 1 TO SUIT VOLUME AND BALANCE ON-SITE EXCAVATION AND BACKFILL.
3. CONTOUR GRADING MAY BE ADJUSTED IN THE FIELD PER CITY DIRECTION TO PROTECT EXISTING TREES.

SHEET NOTES

1. BASKETBALL COURT PAD. REMOVE A MINIMUM OF 24" OF UNSUITABLE CLAY DOWN TO 206.5 AS SHOWN IN PROFILES SHT C2.0. PLACE AND COMPACT IMPORTED ENGINEERED FILL. PLACE AND COMPACT 6" OF AGGREGATE BASEROCK. PLACE 4" OF ASPHALT PAVEMENT TO APPROXIMATELY 12" ABOVE EXISTING GRADE AS SHOWN BY PLAN ELEVATIONS. INSTALL FULL SURFACE PAINT SYSTEM AND LINE MARKING NOVAPLAY DETAIL 4/C3.0
2. EXTEND GRASSY MOUND WITH EXCAVATED NATIVE MATERIAL FROM BELOW COURT AND WALKWAY. APPROXIMATE CONTOURS SHOWN FOR ILLUSTRATION PURPOSES. REDUCE MOUND SIZE TO ACCOMMODATE SWALE GRADING ONLY IF BID ALTERNATE 1 IS SELECTED BY CITY.
3. EXISTING DRAINAGE INLET. DRAINAGE FOR THIS AREA MAINTAINED BY NEW INLET AND SWALE WITH UNDERDRAIN
4. INSTALL NEW DRAINAGE INLET OUTSIDE OF COURT GRADING AREA
5. VEGETATED DRAINAGE SWALE WITH UNDERDRAIN DETAIL 2/C3.0. CROSS SLOPES VARY TO MAINTAIN 0.5% MIN FLOWLINE SLOPE OF SWALE AND DRAIN. MAX CROSS SLOPE 3:1
6. NEW DRAINAGE INLET AND NEW 8" UNDERGROUND PIPING TO A NEW JUNCTION DRAINAGE INLET
7. INSTALL ADA COMPLIANT CONCRETE PATHWAY. COMPACT 18" OF IMPORTED FILL, AND COMPACT 4" OF AGGREGATE BASEROCK. PLACE 5" REINFORCED CONCRETE PEDESTRIAN PATHWAY PER DETAIL 3/C3.0
8. PROTECT EXISTING TREES IN PLACE, TYP PER CUPERTINO STANDARD DETAILS 6-2 AND 6-4 / C3.0
9. ADJUST ADJACENT IRRIGATION HEADS AND SYSTEM TO AVOID NEW PAVEMENT.
10. ˆ2:1 RATIO OF IMPERVIOUS AREA TO THE RECEIVING PERVIOUS AREA IS ACCEPTABLE PER C.3 STORMWATER HANDBOOK
11. 8" SOLID WALL STORM DRAIN PIPING
12. REPLACE EXISTING DRAINAGE INLET MAINTAIN RIM AND INVERT ELEVATIONS



SITE PLAN

SCALE: 1" = 10'

REV.	DESCRIPTION	BY	DATE
1	BID SET	RC	10/13/2022
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WILSON PARK BASKETBALL COURT

PREPARED AT THE REQUEST OF
CITY OF CUPERTINO PUBLIC WORKS
10300 TORRE AVENUE
CUPERTINO, CA 95014-3202

SITE PLAN

DRAWN BY:	JP
CHECKED BY:	RC
JOB NUMBER:	21143-P3

SHEET

C1.0

21143-P3 City of Cupertino - Wilson Parking\C1.0 SITE PLAN.dwg 10/20/2022 3:09:39 PM by: AutoCAD PDF (Gimets Documentation).pc3

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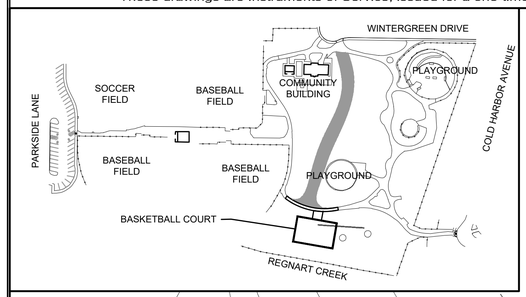

SHEET NOTES

1. TREE PROTECTION FENCE, SEE CITY NOTES 6-2 AND 6-4 / C3.0 FENCING MAY BE ADJUSTED IN THE FIELD PER CITY DIRECTION TO PROTECT EXISTING TREES
2. TEMPORARY CONSTRUCTION FENCE, CHAIN LINK FENCE PANELS WITH CONCRETE POST FEET, APPROXIMATE LOCATION SHOWN
3. REMOVE EXISTING DRAINAGE INLET
4. REMOVE EXISTING 8" DRAINAGE PIPING AND INSTALL NEW DRAINAGE INLET TO OUTSIDE OF COURT GRADING AREA AT DRAINAGE SWALE PER SITE PLAN
5. REMOVE EXISTING ASPHALT WALKWAY, NEATLY SAWCUT AT LIMITS FOR SMOOTH TRANSITIONS
6. CLEAR AND GRUB EXISTING GRASSED AREA. STRIP TOPSOIL, STOCKPILE AND COVER, AND RE-USE AS TOPSOIL ON MOUNDED FILL SLOPES.
7. REMOVE EXISTING PICNIC AREAS: TABLES, BBQ GRILLS, CONCRETE SLABS.
8. PROTECT EXISTING TREES IN PLACE, TYP. PRE-IRRIGATE ALL TREES BEFORE CONSTRUCTION AND MAINTAIN SOIL MOISTURE DURING CONSTRUCTION.
9. REMOVE EXISTING IRRIGATION VALVES, PIPING, HEADS, AND WIRING FROM CLEARING AND GRUBBING AREA AND INSTALL NEW IRRIGATION VALVES, PIPING, HEADS AND WIRING AFTER GRADING. ADJUST ADJACENT HEADS AND SYSTEM TO AVOID NEW PAVEMENT. PROTECT EXISTING SYSTEM IN PLACE OUTSIDE OF CLEARED AREA AND REPAIR ANY DAMAGE FROM CONSTRUCTION TRAFFIC OR WORK
10. HYDROSEED AND HYDROMULCH ALL DISTURBED AREAS AT THE PROJECT COMPLETION USING SEED MIX APPROVED BY THE CITY, INCLUDING AREAS DISTURBED BY CONSTRUCTION TRAFFIC

NOTE: CONTRACTOR SHALL SUBMIT (C8D) DEBRIS MANAGEMENT PLAN PER SPECIFICATIONS.

DEMOLITION PLAN

SCALE: 1" = 10'

10' 0 5' 10' 20'
1" = 10'

REV.	DESCRIPTION	BY	DATE
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WILSON PARK BASKETBALL COURT

PREPARED AT THE REQUEST OF
CITY OF CUPERTINO PUBLIC WORKS
10300 TORRE AVENUE
CUPERTINO, CA 95014-3202

DEMOLITION PLAN

DRAWN BY:	JP
CHECKED BY:	RC
JOB NUMBER:	21143-P3

SHEET
C1.1

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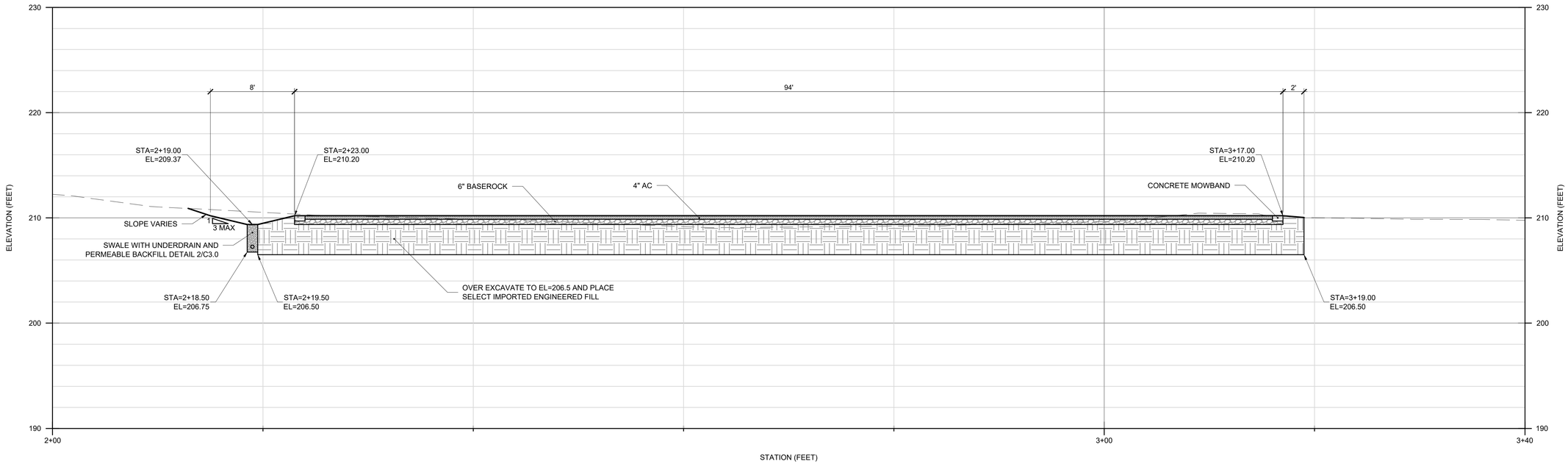
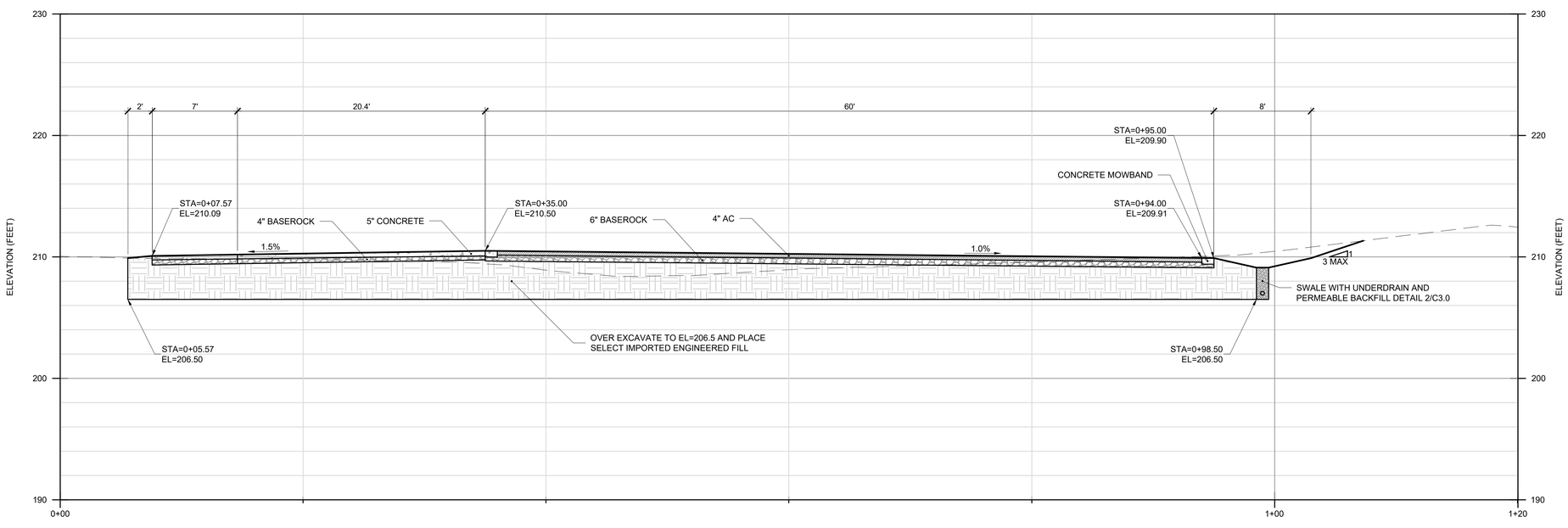


PROFILE A-A

SCALE: H:1" = 5' / V:1" = 5'



PROFILE B-B

SCALE: H:1" = 5' / V:1" = 5'

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WILSON PARK BASKETBALL COURT

PREPARED AT THE REQUEST OF
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10300 TORRE AVENUE
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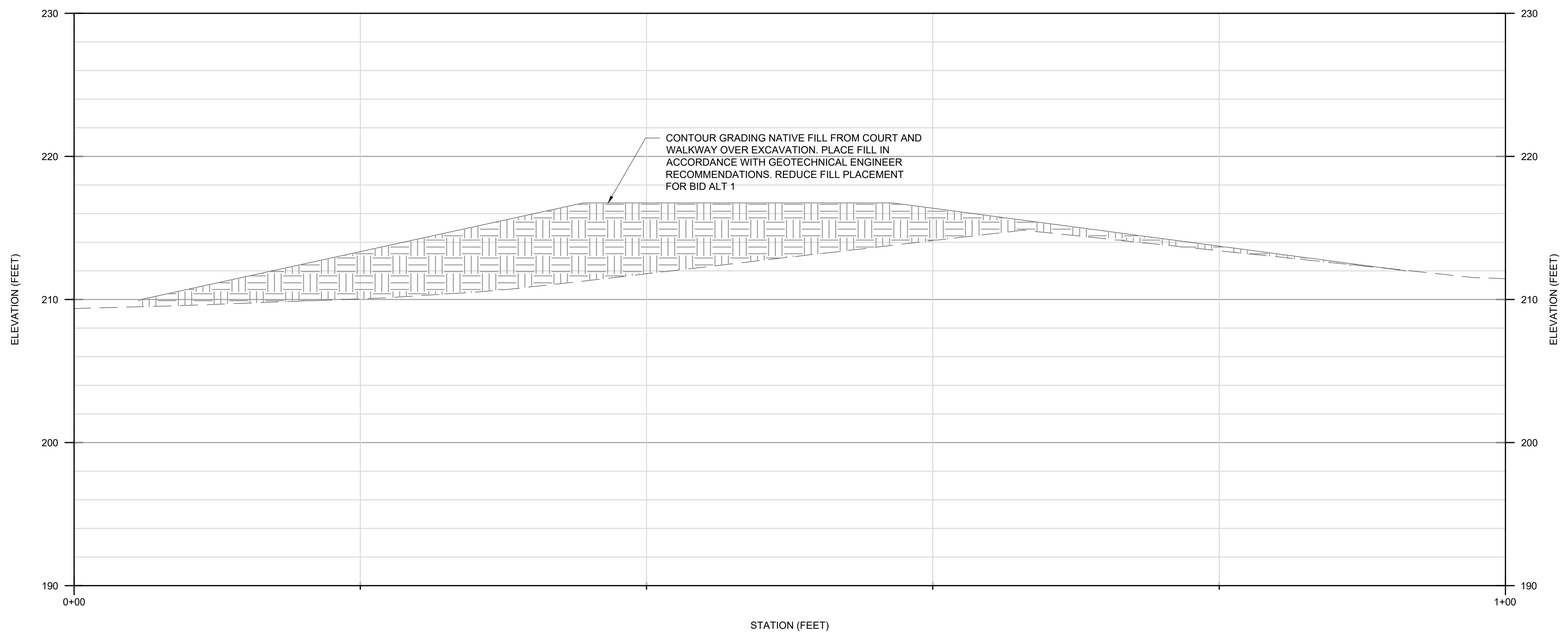

PROFILE C-C

SCALE: H:1" = 5' / V:1" = 5'

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STATE OF CALIFORNIA

WILSON PARK
BASKETBALL COURT

PREPARED AT THE REQUEST OF
CITY OF CUPERTINO PUBLIC WORKS
10300 TORRE AVENUE
CUPERTINO, CA 95014-3202

PROFILES

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CHECKED BY:	RC
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SHEET
C2.1

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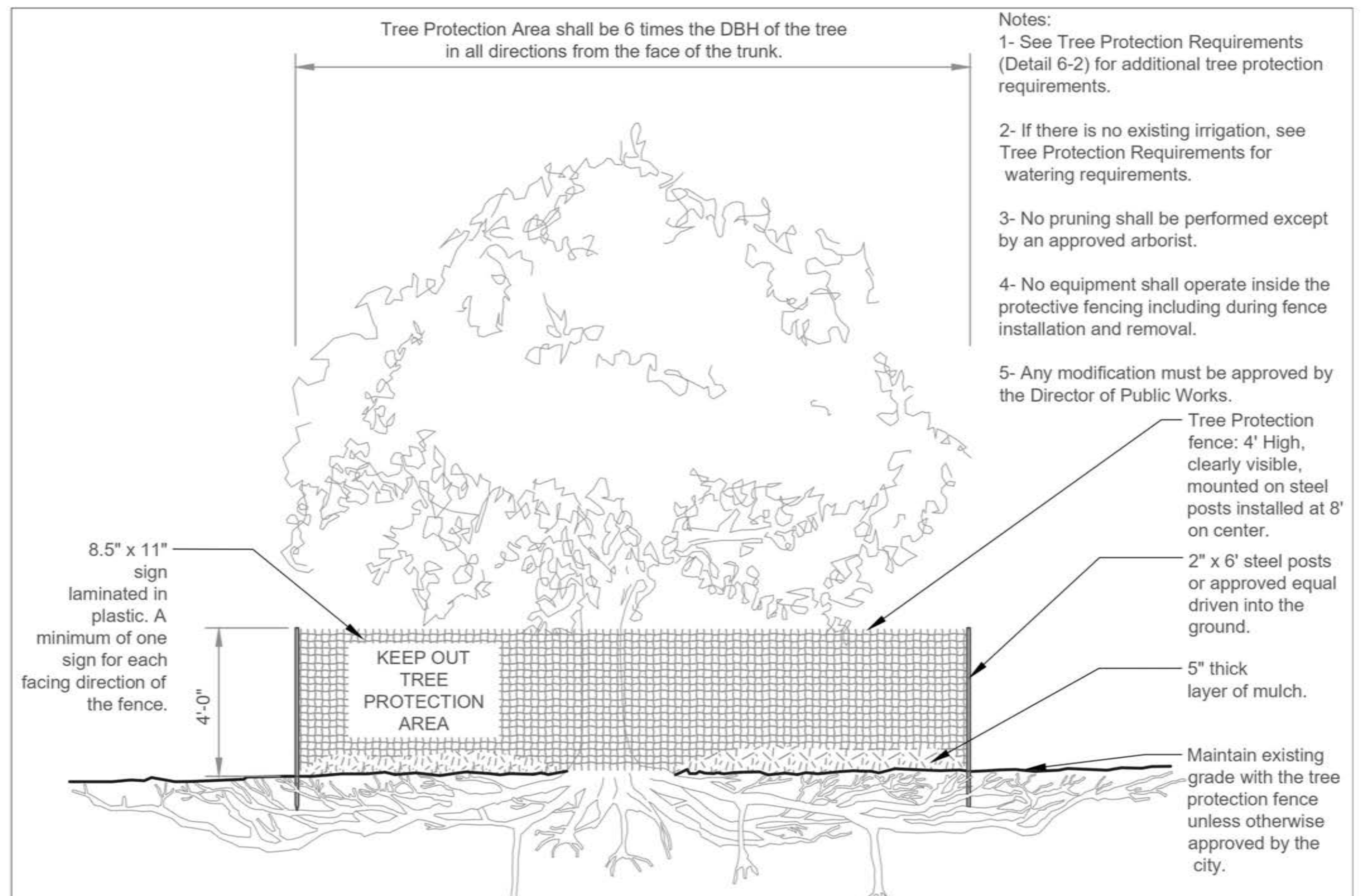


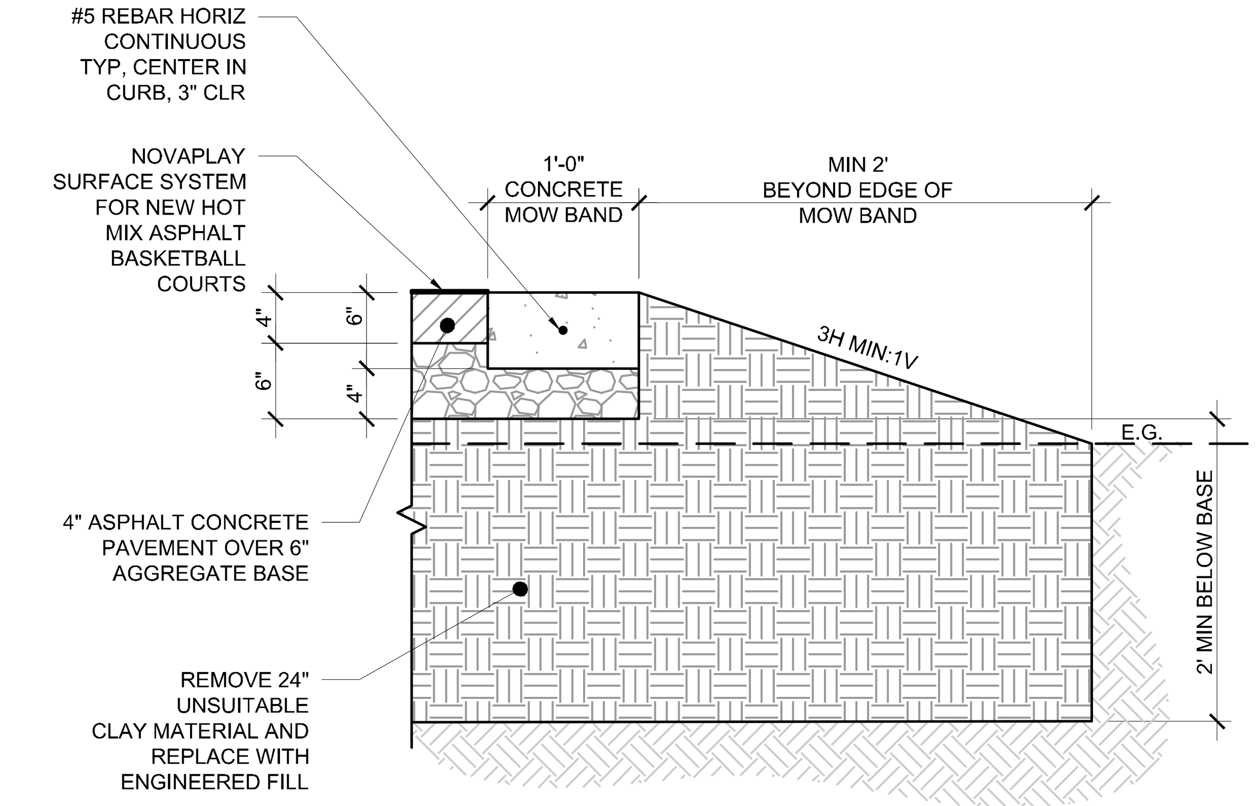
Notes:
1- See Tree Protection Requirements (Detail 6-2) for additional tree protection requirements.
2- If there is no existing irrigation, see Tree Protection Requirements for watering requirements.
3- No pruning shall be performed except by an approved arborist.
4- No equipment shall operate inside the protective fencing including during fence installation and removal.
5- Any modification must be approved by the Director of Public Works.

City of Cupertino Standard Detail	Approved By ________ City Engineer Date 5/27/2020	6-4

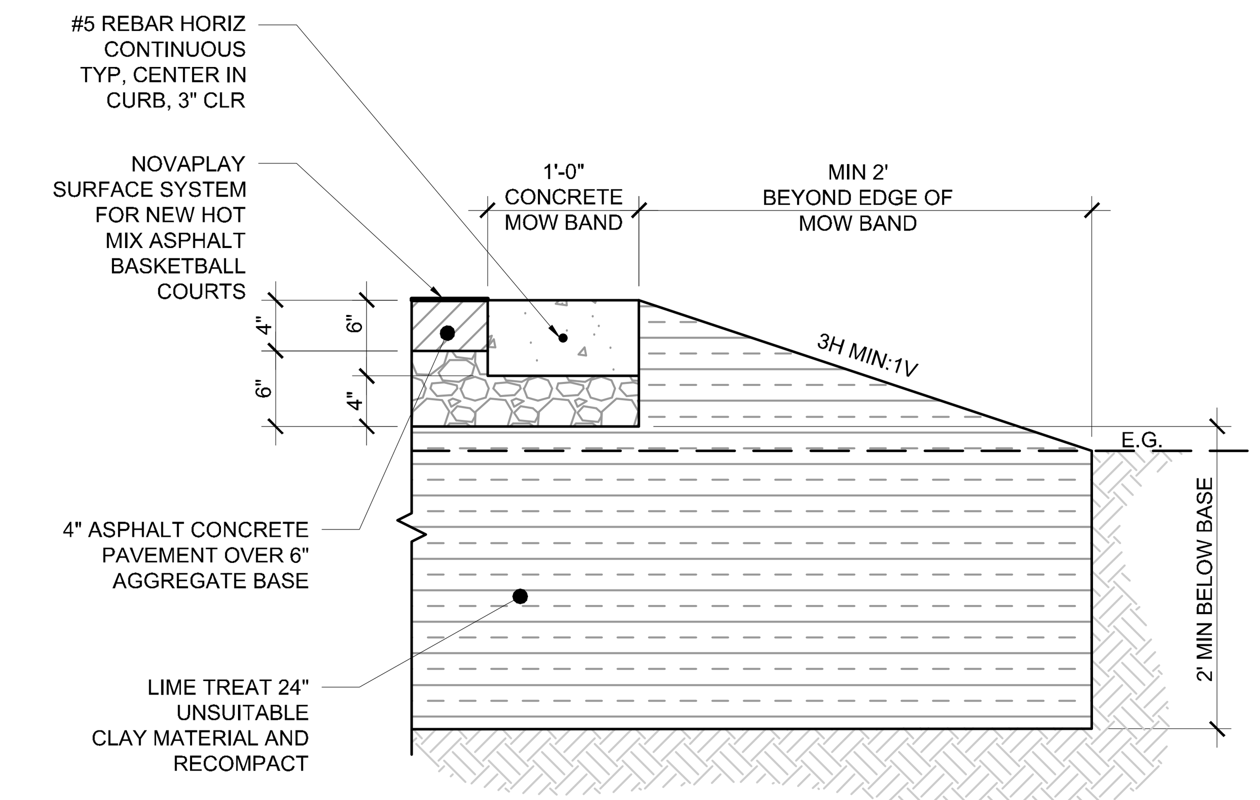
CITY OF CUPERTINO TREE PROTECTION REQUIREMENTS:

1. Prior to any construction operations contractor shall construct and maintain, for each protected tree on a construction site, protective fencing which encircles the outer limits of the Tree Protection Zone (TPZ). The TPZ is calculated to be a radius of 6 times the diameter of the tree's trunk measured 4.5 feet above the natural grade, or as otherwise approved by the Director of Public Works.
2. All protective fencing shall be in place prior to commencement of any site work and remain in place until all exterior construction activity at the site has been completed.
3. Protective fencing shall be at least four (4) feet high, clearly visible, affixed to 2 inch galvanized posts driven into the ground no less than 8' on center, and shall have a tree protection sign affixed to the fence every twenty (20) feet in such a manner to be clearly visible and legible to workers on the site at a distance of twenty-five (25) feet. The sign(s) shall read "Keep Out Tree Protection Zone".
4. Install a 5-inch layer of mulch within the TPZ to aid in retaining moisture
5. Trees shall be kept well watered, especially during dry summer months. A long, slow soak over the entire root zone is the preferred method of watering. Frequent, shallow watering should be avoided, and water should not be directed at or near the trunks of trees.
6. The Contractor shall cause the required fencing and signage to be installed and maintained for the duration of the construction.
7. In situations where a protected tree remains in the immediate area of intended construction and the tree may be in danger of being damaged by construction equipment or other activity, the contractor or subcontractor shall protect the tree with 2"x4" lumber encircled with wire or other means that do not damage the tree. The intent is to protect the trunk of the tree against incidental contact by large construction equipment.
8. Material Storage: No storage or placement of materials intended for use in construction or waste materials accumulated due to excavation or demolition shall be placed within the limits of the TPZ of any protected tree.
9. Equipment Cleaning/Liquid Disposal: No equipment shall be cleaned or other liquids, including, without limitation, paint, oil, solvents, asphalt, concrete, mortar or similar materials shall be deposited or allowed to flow into the TPZ of a protected tree.
10. Tree Attachments: No signs, wires or other attachments, other than those of a protective nature, shall be attached to any protected tree.
11. Vehicular Traffic: No vehicular and/or construction equipment traffic or parking shall take place within the TPZ of any protected tree other than on existing street pavement.
12. No heavy equipment, including but not limited to trucks, tractors, trailers, bulldozers, excavators, skid steer tractors, trenchers, compressors, and hoists, shall be allowed inside the TPZ of any protected tree on any construction site.
13. Grade Changes: No grade changes shall be allowed within the limits of the TPZ of any protected tree unless adequate protective construction methods are approved in advance in writing by the city.
14. Impervious Paving: No paving with asphalt, concrete or other impervious materials shall be placed within the limits of the TPZ of a protected tree.
15. Root Pruning: Any roots two inches or larger in diameter which are exposed as a result of trenching or other excavation and which are permitted to be cut shall be cut off square with a sharp medium tooth saw and covered with natural fiber burlap within two hours of initial exposure.
16. All public sidewalks shall remain open, free and clear for public access, unless closure is permitted by the Public Works Department.

CITY OF CUPERTINO STANDARD DETAILS	APPROVED BY: ________ City Engineer	DATE: 5/27/2020	6-2



BASKETBALL COURT
WITH ENGINEERED FILL SUB-BASE (1)
SCALE: 1" = 1'-0"

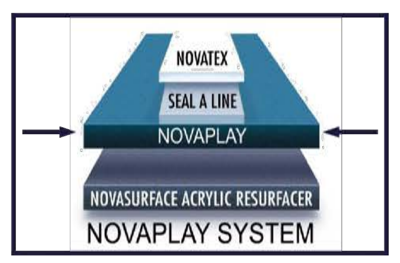


BASKETBALL COURT BID ALT 1
WITH LIME TREATED SUB-BASE (1.1)
SCALE: 1" = 1'-0"

NOVAPLAY

20

NOVAPLAY is a high performance, heavy duty, color coating system for pavements that are subjected to more wear than tennis courts. The appearance of Novaplay is very similar to that of a tennis court surface, however, it is formulated with a tougher acrylic emulsion so as to be able to stand up to abuse from street shoes, roller skates, skateboards, vehicular traffic and objects such as furniture legs, etc.



This textured, non-skid, heavy duty surface coating is ideally suited for use on basketball courts, playgrounds, walkways, wheelchair and handicap ramps, and all other pavements where there is a need for an attractive color surface that can stand up to a lot of abuse.

Novaplay is available in all the standard Novacrylic colors. We recommend two coats of undiluted Novaplay for maximum performance and best appearance.

DILUTION	Use NOVAPLAY undiluted
SPREADING RATE	0.064 - 0.069 gallons per sq. yd., per coat 130 - 140 sq. ft. per gallon per coat
COLOR	Black, Blue, Burgundy, Red, Classic Green, Grass Green, Nova Green, Sand Dune, Terra Cotta
PACKAGED QUANTITY	5 gallon pail or 30 gallon drum
WEIGHT	9.45 lbs per gallon

Minimum Application Temperature is 50°F and rising.
Application is with a neoprene rubber squeegee as described on page 7.
NOVAPLAY is not hazardous* and is free of lead, mercury, asbestos and formaldehyde.

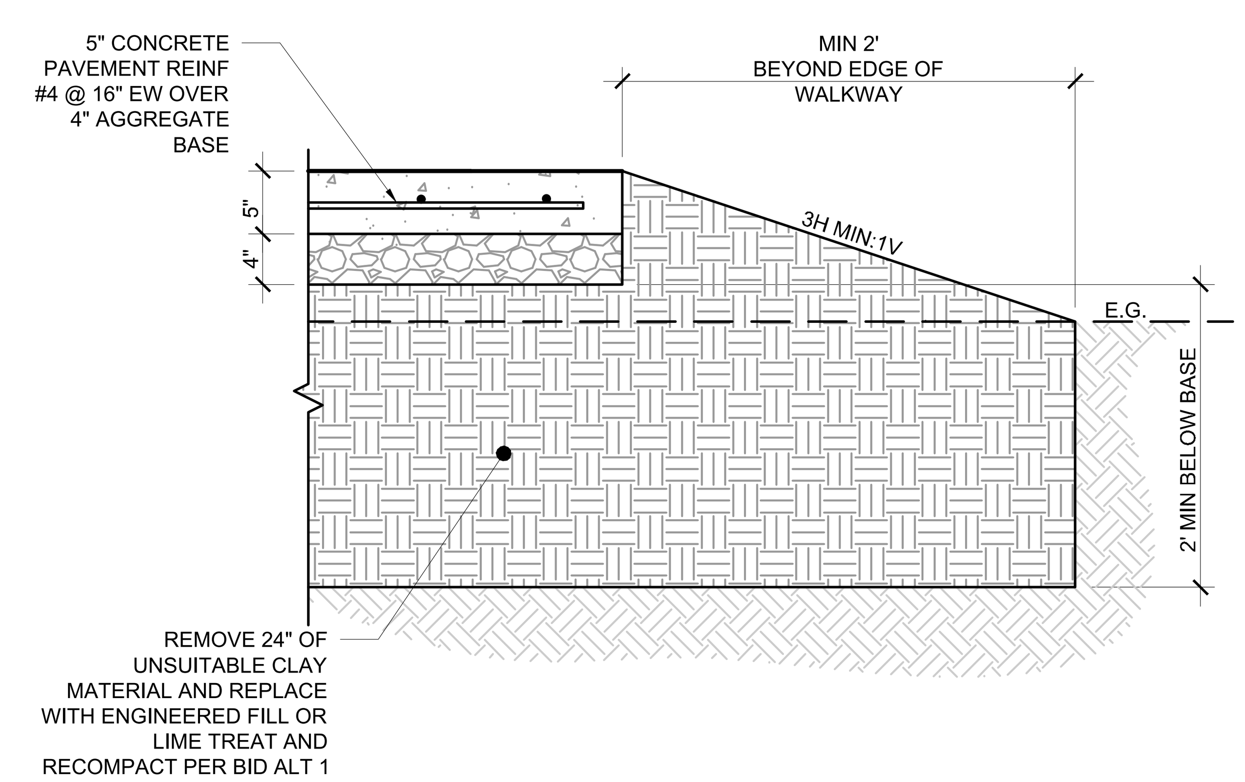
* According to standards in place at the time this document was created, this product is rated non-hazardous

© Nova Sports USA 2002

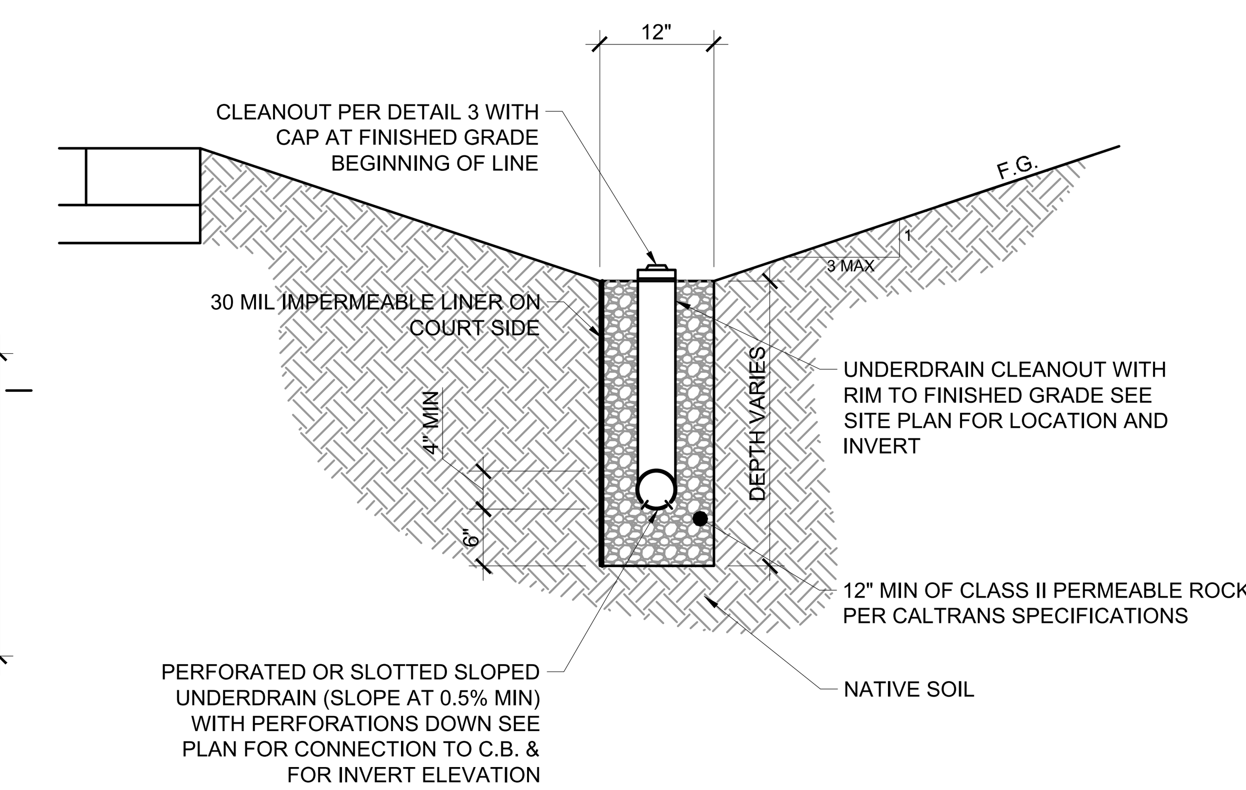
PROTECT FROM HEAT DO NOT FREEZE

www.novasports.com

NOVAPLAY SURFACE DATA SHEET (4)
SCALE: NA



CONCRETE WALKWAY DETAIL (3)
SCALE: 1" = 1'-0"



DRAINAGE SWALE (2)
SCALE: 3/4" = 1'-0"

REV.	DESCRIPTION	BY	DATE
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WILSON PARK
BASKETBALL COURT

PREPARED AT THE REQUEST OF
CITY OF CUPERTINO PUBLIC WORKS
10300 TORRE AVENUE
CUPERTINO, CA 95014-3202

DETAILS

DRAWN BY:	JP
CHECKED BY:	RC
JOB NUMBER:	21143-P3

SHEET
C3.0

I:\21143 P3 City of Cupertino - Wilson Park\dwg\C3.0 DETAILS.dwg, 10/25/2022 3:05:58 PM, AutoCAD PDF (General Documentation).pc3

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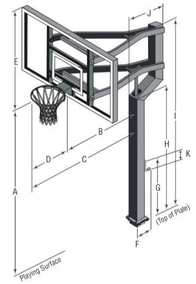
NOTE:
INSTALL GOALSETTER SYSTEMS INC. MVP SIGNATURE SERIES GOALPOST WITH 72" ACRYLIC BACKBOARD AND GOALSETTER HD BREAKAWAY BASKETBALL HOOP WITH NYLON NET.

SEE GOALSETTER INSTALLATION AND OWNERS INSTRUCTIONS FOR COMPLETE INSTALLATION GUIDLINES.

Goal Specifications

		MVP	~~Captain~~
Pole Size:		6"x6"	~~6"x6"~~
Backboard Size:		42"x72"	~~36"x60"~~
Weight w/Acrylic:		525 lbs.	~~410 lbs.~~
Weight w/Glass:		585 lbs.	~~550 lbs.~~
(A) Height Range:		6'-10"	~~6'-10"~~
(B) Extension Distance:	at 10'	51"	~~51"~~
	at 8'	54"	~~54"~~
	at 6'	48"	~~48"~~
(C) Maximum Overhang:		79"	~~79"~~
(D) Distance Rim to Backboard:		25"	~~25"~~
(E) Distance Rim to Top of Goal:		33 ¼"	~~29 ¼"~~
(F) Crank Distance:		11 ½"	~~11 ½"~~
(G) Crank Height:		36 ½"	~~36 ½"~~
(H) Offset Height:		7'-0"	~~7'-0"~~
(I) Pole Height:		10'-5"	~~10'-5"~~
(J) Offset Distance:		21"	~~21"~~
(K) Crank Turn Radius		8"	~~8"~~



Determine Installation Location

Consider the following to determine where to install your Goalsetter® Basketball Goal:

- When extended, will backboard overhang obstruct driveway or other important space? Maximum overhang: 79" (2 m) from the front of the pole to the front of the rim.
- Is there room so vehicles backing out of driveway do not strike backboard or rim?
- Will court markings be used?
- How much playing surface is needed?
- How much playing surface will be under the backboard? (Having the edge of the playing surface directly underneath the backboard can result in trip hazards and unpredictable ball action following a shot. Try to have as much playing surface as possible behind the backboard.)
- Other functions of playing surface (driveway, playground, etc.)
- Will the goal be at least 20 ft. (7 m) from any overhead power lines? (No overhead power lines should be within a 20 ft. (7 m) radius of the goal.)
- Will the ground anchor for the goal avoid underground power, gas, telephone, water and other utility lines? (See 811 One Call Warning box on page 2 for more information or call your local utility company.)

Required Tools and Materials:

- Spade
- Shovel
- Tape Measure
- Level
- Hoe
- Water
- Rubber Mallet
- Steel Punch
- Stepladder
- Wheelbarrow
- Cement Trowel
- Stir Rod
- Auger/Post Hole Digger (optional)
- 10-14, 60 lb Bags of Dry Concrete Mix (or ¼-½ yard of ready mix concrete)
- ½" Drive Torque Wrench
- Phillips Screwdriver
- 9/16" & ¾" Wrenches and Sockets

Ground Anchor Installation

Step 1: Locate and unpack a 6"ground anchor (G2660). Remove plastic plugs from bolt holes and ensure the threads are in good condition. **REPLACE THE PLUGS** – they will keep concrete and debris from the bolt holes during installation. Leave the hinge pin in place as well.

Step 2: Determine hole location. When installed, the edge of the ground anchor must be a minimum of 6" (15.2 cm) away from the playing surface. Follow One Call or your utility's recommendations as to how close you may dig to a marked utility.

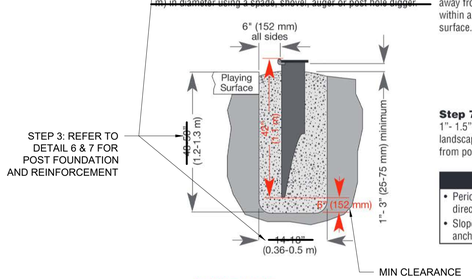
IMPORTANT

You **MUST** dig the anchor hole at least 48" (1.2 m) deep.

⚠ WARNING

Before digging for the ground anchor, check for underground power, gas, telephone, water and other utility lines. Failure to do so could result in serious injury. See 811 One Call Warning box on page 2 for more information or call your local utility company.

Step 3: Dig hole 48" to 50" (1.2 m – 1.3 m) deep and 18" (0.5 m) in diameter using a spade, shovel, auger or post hole digger.

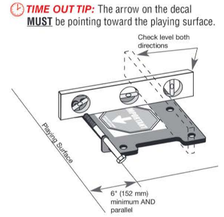


TIME OUT TIP: If you plan on mixing concrete in stages, work quickly to minimize time between batches.

Step 4: Mix concrete. Put cement in wheelbarrow. Add the amount of water recommended on the bag, and mix with hoe.

Step 5: Begin adding concrete into hole until concrete is approximately 28"- 30" (.7 m – .8 m) deep.

TIME OUT TIP: The arrow on the decal **MUST** be pointing toward the playing surface.



Step 6: Position 6" ground anchor (G2660) in center of hole with hinge side toward and parallel with playing surface. Using a level, ensure the anchor is level front-to-back and left-to-right. All edges of the ground anchor must be 6" (15.2 cm) away from all sides of hole and the top of the ground anchor within a range of 1"- 3" (25-75 mm) above the level of the playing surface.

TIME OUT TIP: As you add concrete, occasionally insert a stir rod (such as a broomstick) into three or four places in the concrete and plunge up and down to help eliminate air bubbles.

Step 7: Continue adding concrete until concrete is within 1"- 1.5" (25-38 mm) of anchor plate bottom, or level with the landscape – whichever comes first. Slope top of concrete away from pole with trowel to create a smooth surface.

IMPORTANT

- Periodically re-check the level of the anchor plate in both directions as you add more concrete.
- Slope the top of the concrete fill away from the ground anchor in all directions to shed moisture away.

TIME OUT TIP: If you must adjust the height, be sure to re-check level and that the anchor is parallel with playing surface!

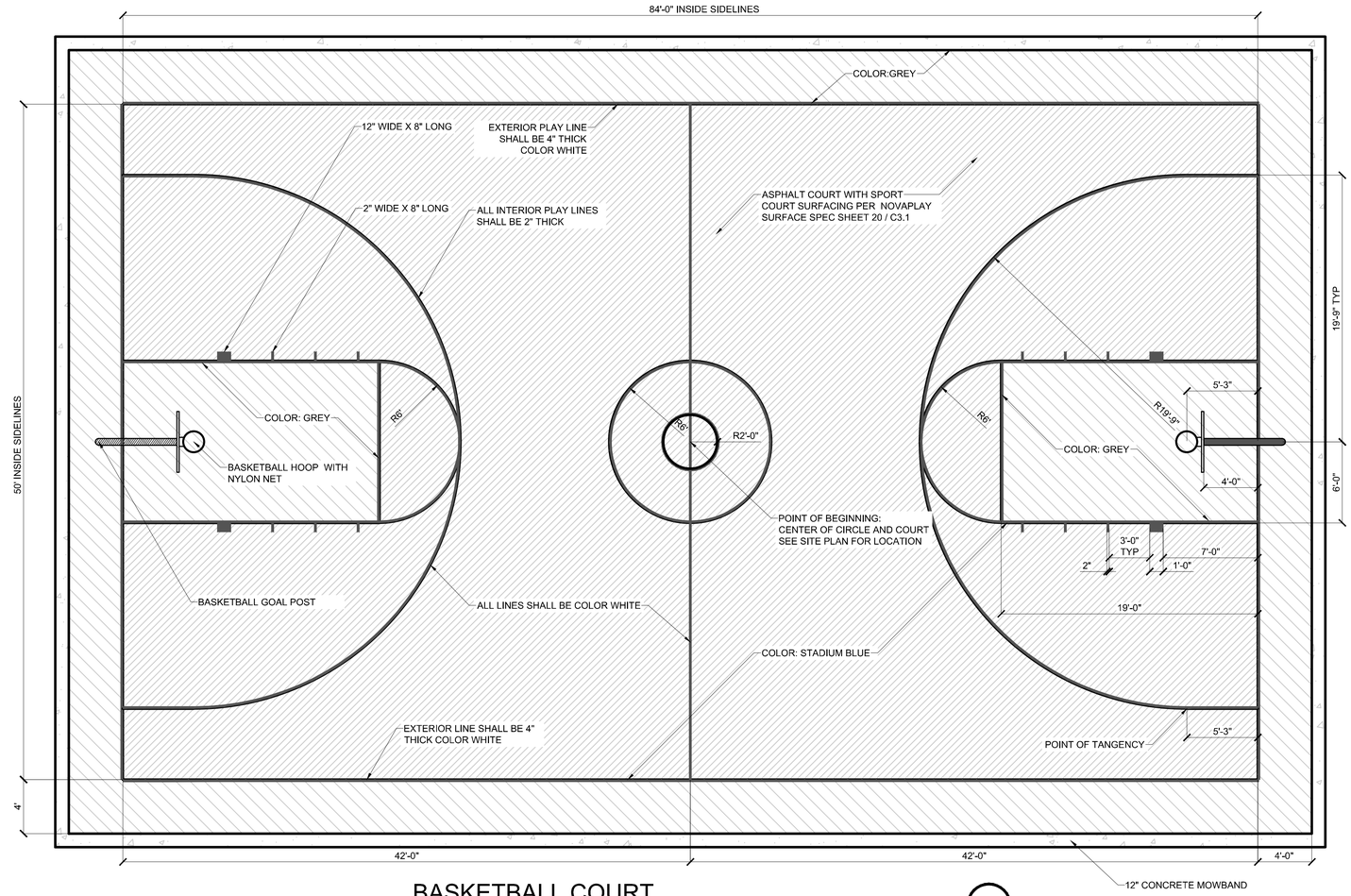
Step 8: If needed, adjust anchor plate height. The top of the ground anchor should be within a range of 1"- 3" (25-75 mm) above playing surface. Be sure to re-check level.

STOP! Allow 48 hours for concrete to cure

GOALSETTER GOAL POST DETAIL

SCALE: NA

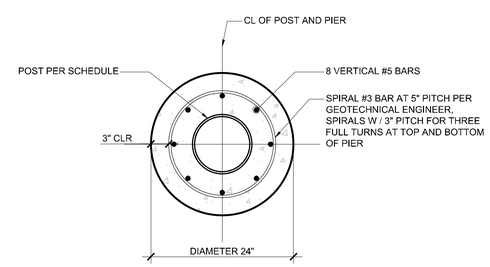
8



BASKETBALL COURT

SCALE: 1" = 5'

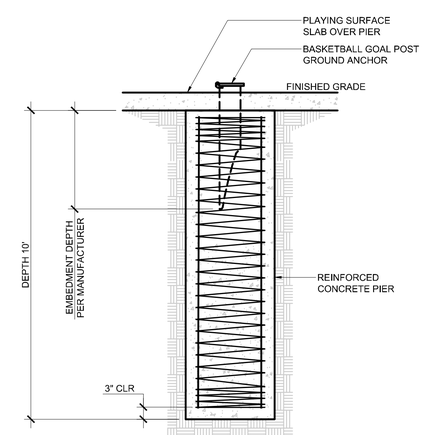
5



GOAL POST REINFORCEMENT

SCALE: NTS

6



GOAL POST FOUNDATION

SCALE: 1/2" = 1'-0"

7

REV.	DESCRIPTION	BY	DATE
1	BID SET	RC	10/13/2022
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CUPERTINO, CA 95014-3202

DETAILS

DRAWN BY:	JP
CHECKED BY:	RC
JOB NUMBER:	21143-P3
SHEET	C3.1

C:\21143 P3 City of Cupertino - Wilson Park\Dwg\C3.1 DETAILS.dwg, 10/20/2022 3:08:01 PM, AutoCAD PDF (General Documentation).pc3

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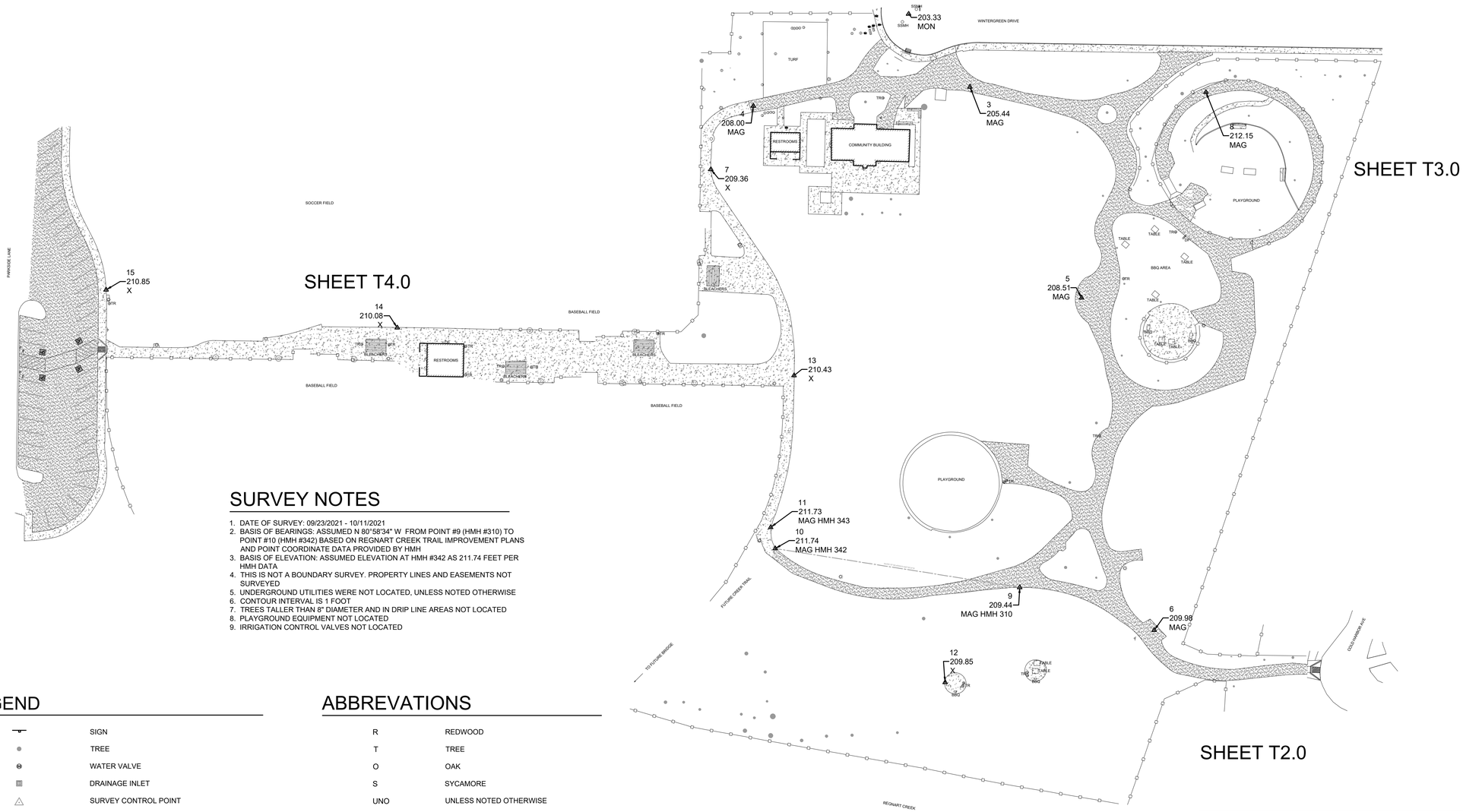

SURVEY NOTES

1. DATE OF SURVEY: 09/23/2021 - 10/11/2021
2. BASIS OF BEARINGS: ASSUMED N 80°58'34" W FROM POINT #9 (HMH #310) TO POINT #10 (HMH #342) BASED ON REGNART CREEK TRAIL IMPROVEMENT PLANS AND POINT COORDINATE DATA PROVIDED BY HMH
3. BASIS OF ELEVATION: ASSUMED ELEVATION AT HMH #342 AS 211.74 FEET PER HMH DATA
4. THIS IS NOT A BOUNDARY SURVEY. PROPERTY LINES AND EASEMENTS NOT SURVEYED
5. UNDERGROUND UTILITIES WERE NOT LOCATED, UNLESS NOTED OTHERWISE
6. CONTOUR INTERVAL IS 1 FOOT
7. TREES TALLER THAN 8" DIAMETER AND IN DRIP LINE AREAS NOT LOCATED
8. PLAYGROUND EQUIPMENT NOT LOCATED
9. IRRIGATION CONTROL VALVES NOT LOCATED

LEGEND

	SIGN
	TREE
	WATER VALVE
	DRAINAGE INLET
	SURVEY CONTROL POINT
DF	DRINKING FOUNTAIN
TR	TRASH RECEPTICLE
I	IRRIGATION CONTROL VALVE
	LIGHT
D	STORM DRAIN INLET COVER
C	SANITARY SEWER CLEANOUT
	BUILDING
	FENCE
720	EXISTING CONTOURS
SD	STORM DRAIN PIPE
75D	UNKNOWN STORM DRAIN
	DRIPLINE, APPROXIMATE

ABBREVATIONS

R	REDWOOD
T	TREE
O	OAK
S	SYCAMORE
UNO	UNLESS NOTED OTHERWISE
X	CHISLED "X"
SDMH	STORM DRAIN MANHOLE
SSMH	SEWER MANHOLE

LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE ONLY APPROXIMATE. THE EXISTING UTILITIES SHOWN WERE PLOTTED USING INCOMPLETE AND IMPRECISE RECORDS. IT SHOULD BE EXPRESSLY UNDERSTOOD THIS INFORMATION DOES NOT NECESSARILY REPRESENT ACTUAL OR COMPLETE SITE CONDITIONS OR SHOW DETAILS OF EXACT LOCATION, DEPTH OR OTHER CONSTRUCTION FEATURES OF THESE UTILITIES. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, AS TO THE COMPLETENESS OR ACCURACY OF THIS INFORMATION IS SET FORTH HEREIN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THIS INFORMATION WITH THE AFFECTED UTILITIES PRIOR TO EXCAVATION. THE CONTRACTOR SHALL CALL "UNDERGROUND SERVICE ALERT" AT 1-800-642-2444 OR 8-1-1 FOR THE MARKING OF UNDERGROUND FACILITIES AT LEAST 2 DAYS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL HAND DIG AND LOCATE ALL UTILITIES THAT MAY BE AFFECTED BY THE NEW FACILITIES IN THIS CONTRACT TO VERIFY ACTUAL DEPTH AND LOCATION OF UTILITIES AND REPORT POTENTIAL CONFLICTS TO THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES WHETHER SHOWN OR NOT AND IS RESPONSIBLE FOR ALL DAMAGES TO EXISTING UTILITIES.

TOPOGRAPHIC SURVEY TITLE SHEET

SCALE: 1" = 40'

40' 0 20' 40' 80'

1" = 40'

Know what's below. Call before you dig.

REV.	DESCRIPTION	BY	DATE
1	BID SET	RC	10/13/2022
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TOPOGRAPHIC SURVEY TITLE SHEET

DRAWN BY:	JP
CHECKED BY:	RC
JOB NUMBER:	21143-P3
SHEET	T1.0

21143-P3 City of Cupertino - Wilson Parkway(P3) S:_TOPOGRAPHIC SURVEY.dwg, 10/25/2022 2:06:10 PM, AutoCAD PDF (General Documentation).pc3

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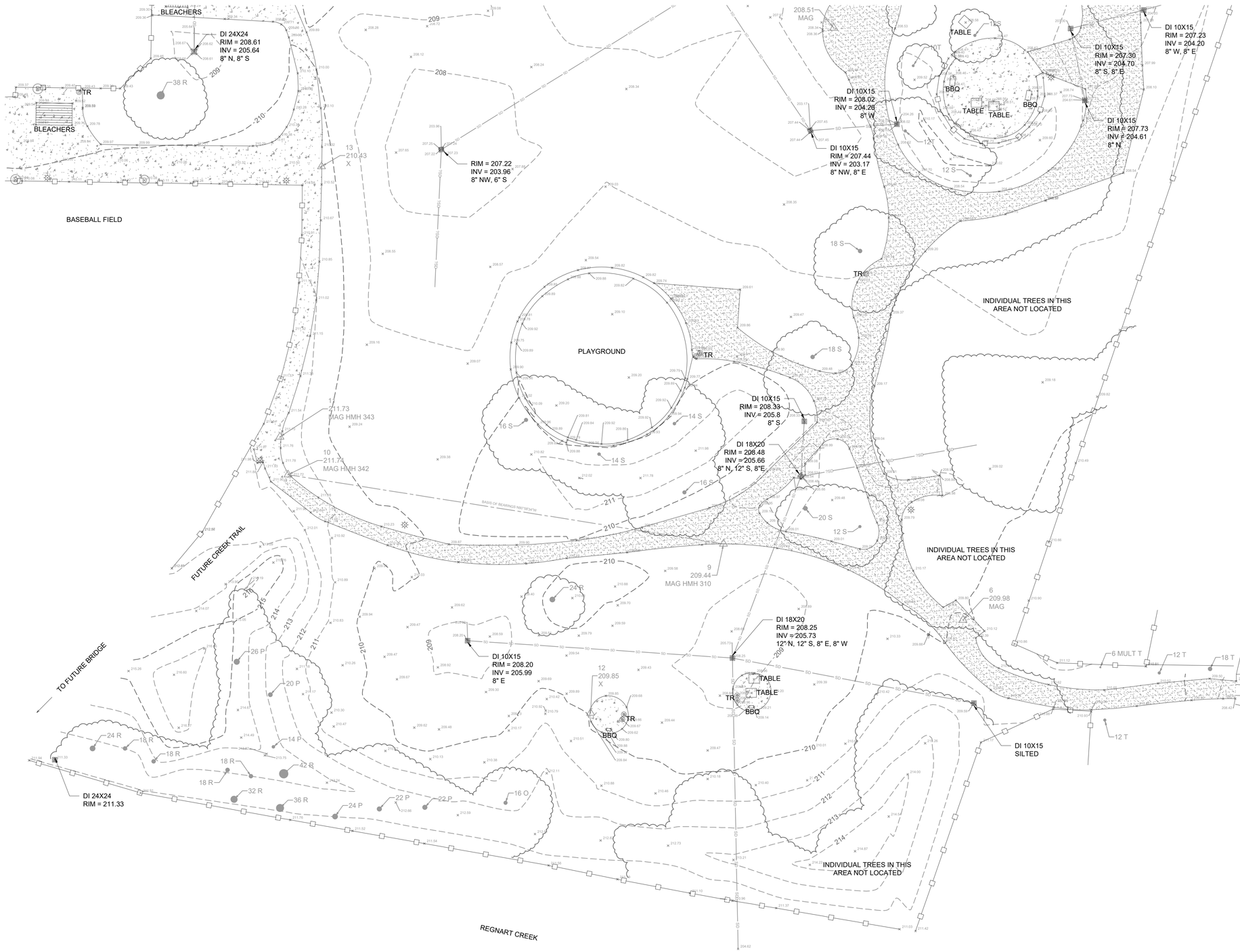

TOPOGRAPHIC SURVEY

SCALE: 1" = 20'

20' 0 10' 20' 40'

1" = 20'

REV.	DESCRIPTION	BY	DATE
1	BID SET	RC	10/13/2022
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JOB NUMBER:	21143-P3
SHEET	T2.0

21143 P3 City of Cupertino - Wilson Park.dwg(T2.0 - TOPOGRAPHIC SURVEY.dwg, 10/20/2022 3:06:13 PM, AutoCAD PDF (Global Documentation).pc3)

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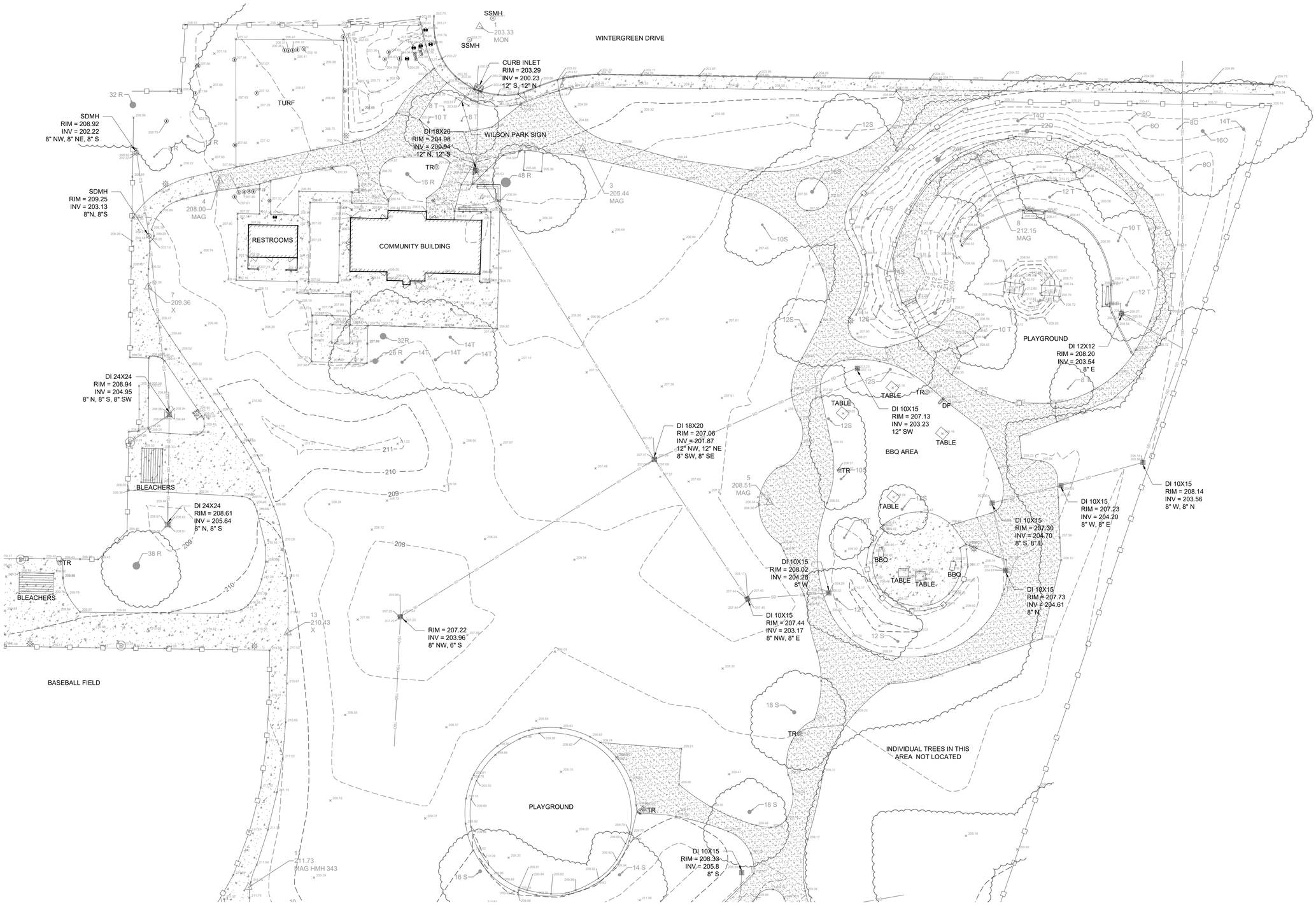

TOPOGRAPHIC SURVEY

SCALE: 1" = 20'

20' 0 10' 20' 40'

1" = 20'

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JOB NUMBER:	21143-P3

SHEET

T3.0

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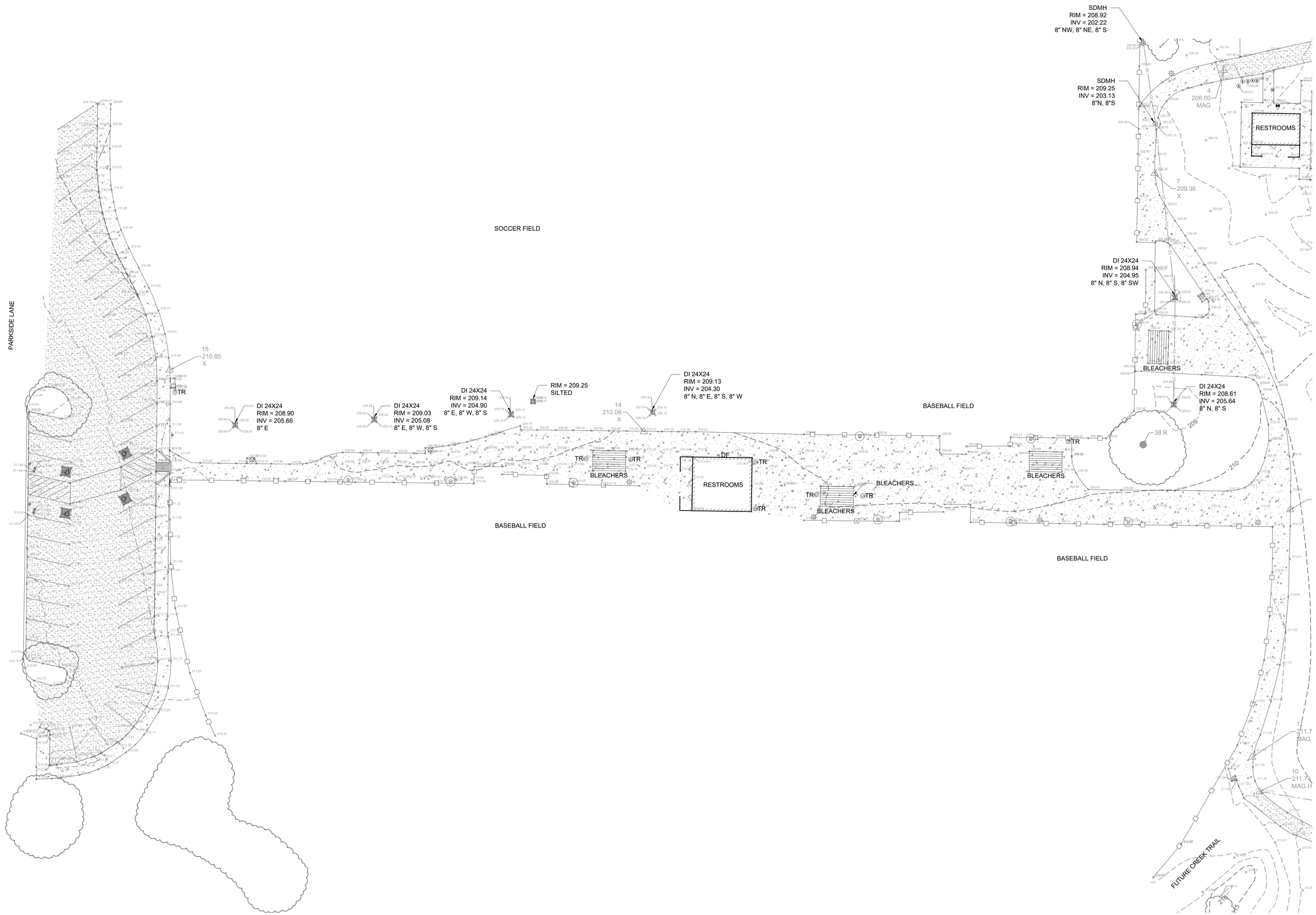

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1" = 20'

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