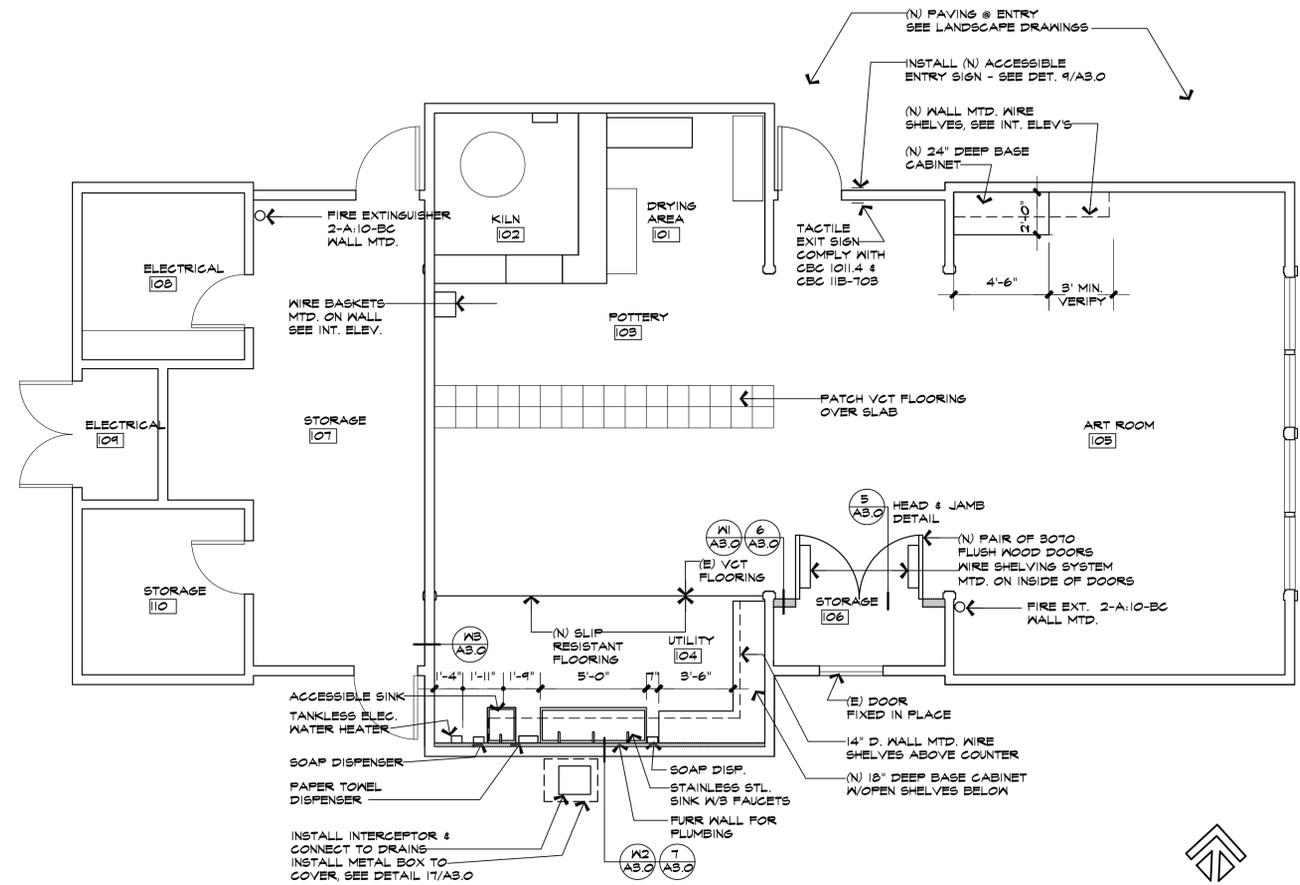


FURNITURE LAYOUT PLAN

1/4" = 1'-0"

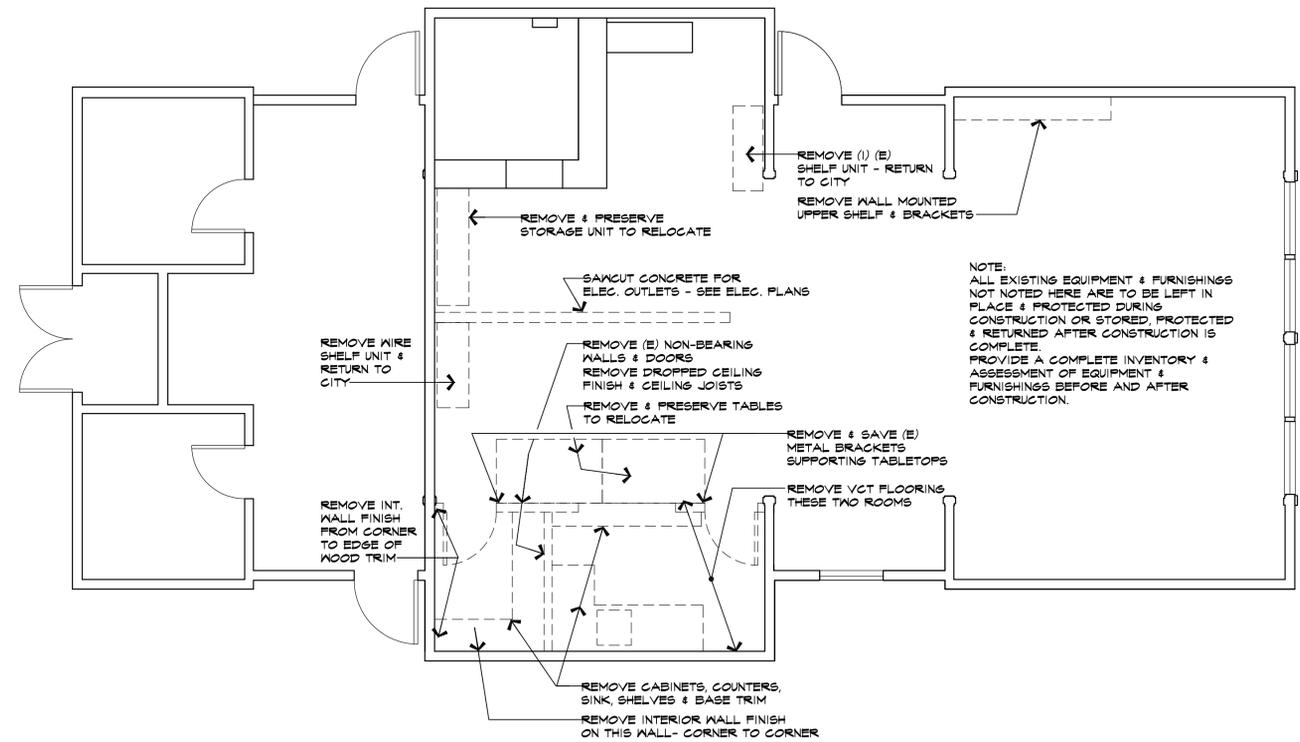


FLOOR PLAN

1/4" = 1'-0"

- DEMOLITION GENERAL NOTES**
1. VERIFY LOCATIONS OF ALL UTILITIES IN THE FIELD BEFORE PROCEEDING WITH DEMOLITION.
 2. ALL ITEMS, INCLUDING TREES AND PLANTS, NOT INDICATED AS DEMOLISHED TO BE PRESERVED AND PROTECTED.
 3. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE CALIFORNIA GREEN BUILDING CODE MANDATORY MEASURES.
 4. RECYCLE AND/OR SALVAGE FOR REUSE A MINIMUM OF 50% OF THE NONHAZARDOUS CONSTRUCTION AND DEMOLITION WASTE.
 5. SUBMIT A WASTE MANAGEMENT PLAN AS DIRECTED IN CAGBSC SECTION 4.408.
 6. DOCUMENT AND REPORT WASTE DIVERSION TO LOCAL ENFORCING AGENCY.
 7. 100% OF TREES, STUMPS, ROCKS & ASSOCIATED VEGETATION AND SOILS RESULTING FROM LAND CLEARING SHALL BE REUSED OR RECYCLED.
 8. DURING CONSTRUCTION, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PREVENTING THE LOSS OF SOIL THROUGH WIND OR WATER EROSION.
 9. INSTITUTE AN EFFECTIVE PLAN FOR POLLUTION CONTROL AND EROSION PREVENTION USING BEST MANAGEMENT PRACTICES.
 10. INSTALL TEMPORARY SEDIMENT CONTROL MEASURES AS NEEDED DURING DEMOLITION AND SITE WORK.

Room No.	Room Name	Area (sq. ft.)	Occ. Class.	OLF	No. of Occ's	No. of Exits Req'd	No. of Exits Provided
101	DRYING AREA	128	B	300	1		
102	KILN						
103	POTTERY						
104	UTILITY	858	B	20	43	1	
105	ART ROOM						
106	STORAGE	25		0	0		
TOTAL EAST SIDE OF BLDG. (NET)		1011			44	1	1
107	STORAGE	202	S-1	300	1		
108	ELECTRICAL	84		0	0		
109	ELECTRICAL	23		0	0		
110	STORAGE	60	S-1	300	0		
TOTAL WEST SIDE OF BLDG. (NET)		369			1	1	2
TOTAL BUILDING (NET)		1,380					
TOTAL BUILDING (GROSS)		1,465					



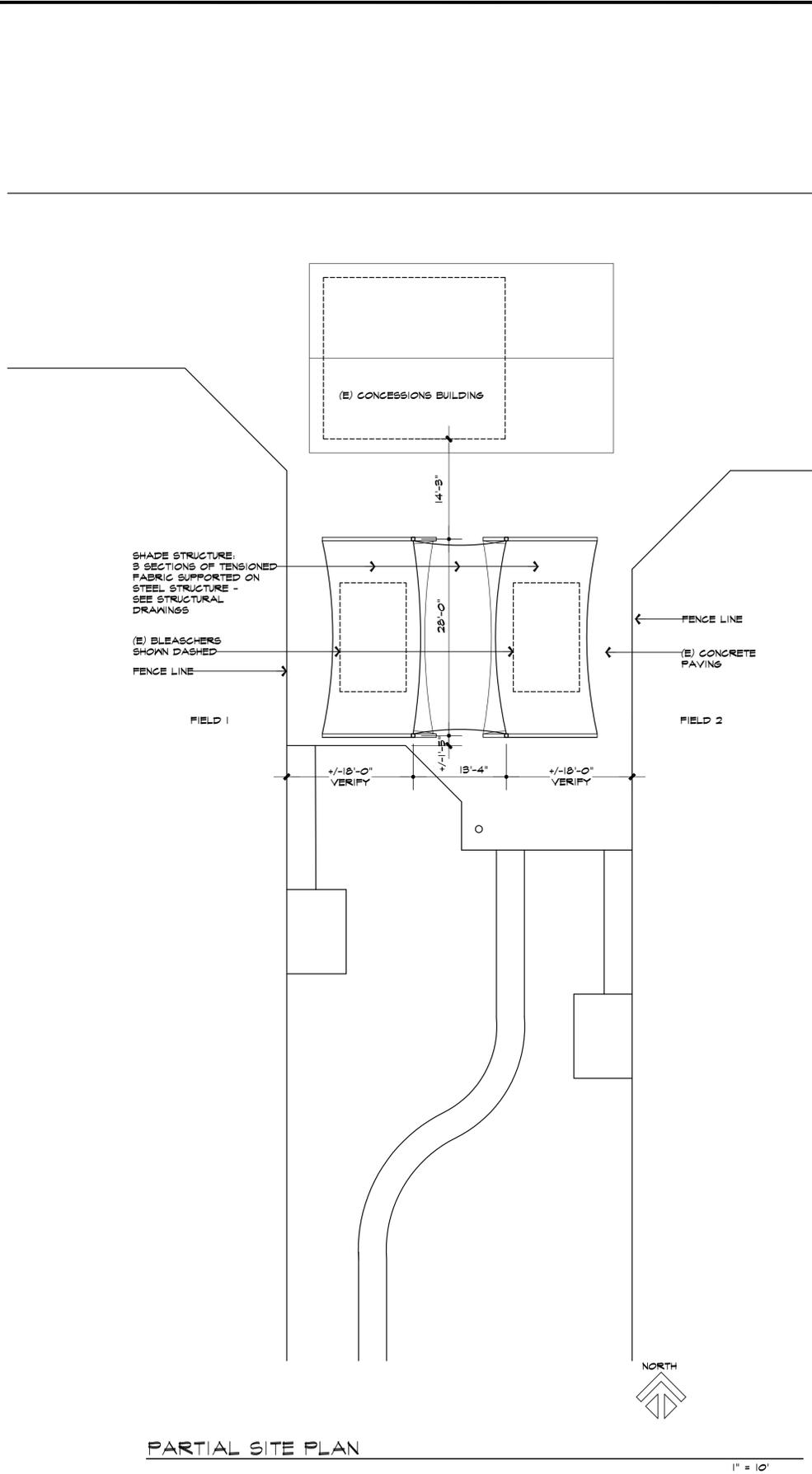
DEMOLITION PLAN

1/4" = 1'-0"

NO.	DATE/REVISION
01	10-15-15
02	11-15-15
03	12-15-15
04	01-16-15
05	01-16-15
06	01-16-15
07	01-16-15
08	01-16-15
09	01-16-15
10	01-16-15



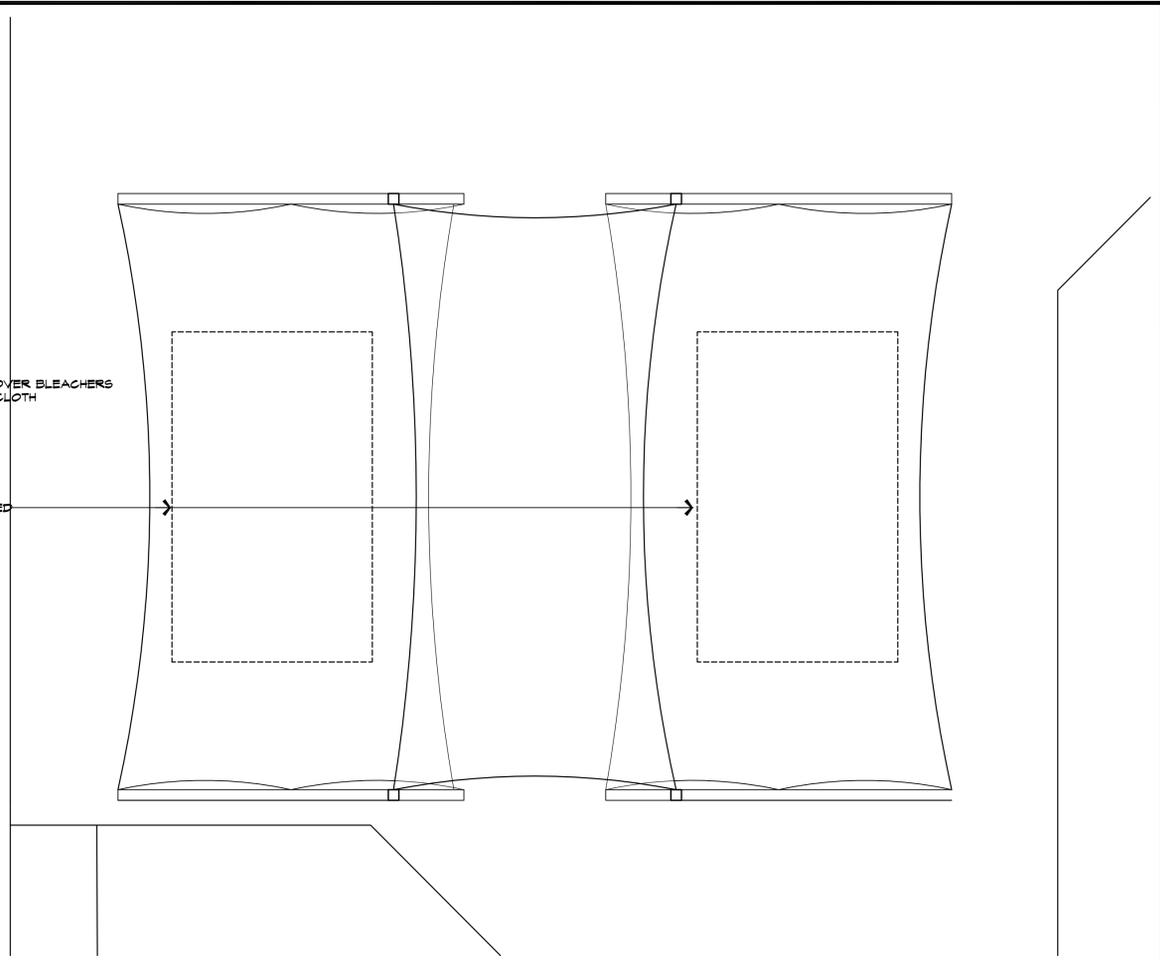
Floor Plans
 Occ. Chart
 Demo Notes
 CHECK BY:
 JOB NO. 1501



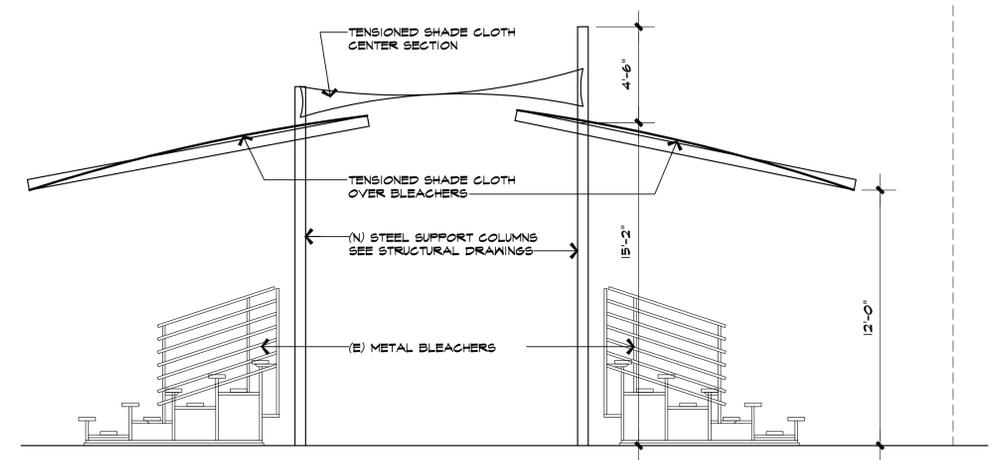
PARTIAL SITE PLAN

SHADE STRUCTURE:
4 STEEL POSTS
4 STEEL BEAMS WITH CANTILEVER OVER BLEACHERS
3 SECTIONS OF TENSIONED SHADE CLOTH
SEE SHADE STRUCTURE DRAWINGS

EXISTING BLEACHERS SHOWN DASHED



SHADE STRUCTURE ROOF PLAN



SHADE STRUCTURE ELEVATION

1/4" = 1'-0"

NO.	DATE	REVISION
1	7-30-15	Bid Set
2		
3		
4		
5		

Mandatory Requirements Checklist California Green Building Standards Code

ITEM NO.	CODE SECTION	REQUIREMENT	REFERENCE SHEET	COMMENTS
PLANNING AND DESIGN				
5.106.1		Storm water pollution prevention plan	NA	1.
5.106.4.1		Short term bicycle parking	NA	
5.106.4.2		Long term bicycle parking	NA	
5.106.5.2		Designated parking	No changes	
5.106.8		Light pollution prevention	NA	
5.106.10		Grading and paving	Landscape	2.
ENERGY EFFICIENCY				
NA				
WATER EFFICIENCY AND CONSERVATION				
5.303.1.1		Meters	NA	
5.303.1.2		Excess consumption	NA	
5.303.2		Water reduction	Plumbing	
5.303.3		Water conserving plumbing fixtures & fittings	Plumbing	
5.303.4		Wastewater reduction	Plumbing	
5.303.6		Standards for plumbing fixtures and fittings	Plumbing	
5.304.1		Water budget	Plumbing	
5.304.2		Outdoor potable water use	Landscape	
5.304.3		Irrigation controller	Landscape	
MATERIAL CONSERVATION & RESOURCE EFFICIENCY				
5.407.1		Weather protection	NA	6.
5.407.2.1		Sprinklers	Landscape	3.
5.407.2.2		Entries and openings	NA	7.
5.408.1		Construction waste diversion	A.I.O Demolition General Notes	
5.408.3		Excavated soil & land clearing debris	A.I.O Demolition General Notes	
5.408.4		Excavated soil and land clearing debris	A.I.O Demolition General Notes	
5.410.1		Recycling by occupants	A.I.O Demolition General Notes	
5.410.2		Commissioning for buildings > 10,000 sq. ft.	NA	
5.410.4		Testing and adjusting	NA	
ENVIRONMENTAL QUALITY				
5.503.1		Fireplace	NA	
5.503.1.1		Woodstove	NA	
5.504.3		Cover duct openings during construction	Green Building Notes	
5.504.4.1		Adhesives, sealants, caulks	Green Building Notes	
5.504.4.3		Paints and coatings	Green Building Notes	
5.504.4.3.1		Aerosol paints and coatings	Green Building Notes	
5.504.4.3.2		Verification	Green Building Notes	
5.504.4.3.4		Carpet systems	NA	
5.504.4.4.5		Composite wood products	Green Building Notes	
5.504.4.6		Resilient flooring systems	Specifications	
5.504.5.3		Filters	NA	
5.505.1		Indoor moisture control	NA	
5.506.1		Outdoor air delivery	NA	
5.506.2		Carbon dioxide monitoring	Electrical	
5.509.1		Ozone depletion/ global warming reduction	NA	

- COMMENTS**
- See landscape drawings and specifications.
 - The existing site area surrounding the building slopes away from the building. New paving slopes away from the building. See landscape drawings.
 - Adjust sprinklers or verify they will not spray on the building.
 - No changes in parking are needed or proposed.
 - Additions to the building are not in the scope of work. Alterations are limited to interior work and paving.
 - There are no changes to the building exterior.
 - The existing main entry door is protected with a compliant overhang.

GREEN BUILDING NOTES AND REQUIREMENTS

The General Contractor is responsible for complying with the California Green Building Standards Code (CA GBSC) Mandatory Measures.

DURABILITY AND MAINTENANCE

Rodent proofing:
Annular spaces around pipes, electric cables, conduits or other opening in sole/bottom plates at exterior walls shall be protected against the passage of rodents by closing such opening with cement mortar, concrete masonry or a similar method acceptable to the enforcing agency.

CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING

The General Contractor is responsible for complying with the California Green Building Code Mandatory Measures.

See Demolition General Notes, Sht. A.I.O for recycling and reuse requirements.

MAINTENANCE & OPERATION

Provide readily accessible areas on the site for depositing, storage and collection of non-hazardous materials for recycling.

POLLUTANT CONTROL

- Adhesives, sealants and caulks: Use only those products that comply with VOC limits.
- Paints, sealers and coatings must comply with CA GBSC VOC limits.
- Composite wood products, including plywood, particleboard and MDF board must meet formaldehyde limits as specified in the CA GBSC.
- Provide verification to building official for 1-3 above.
- Cover duct openings during demolition and construction to prevent dust and particles from entering the HVAC system.

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	BASE		WALLS		CEILING		HT.	NOTES
		FM	CM	FM	CM	FM	CM			
101	DRYING AREA	F1		B1		W1		C1		VARIABLES
102	KILN	F1		B1		W1		C1		VARIABLES
103	POTTERY	F1, F2		B1, B3		W1, W4		C1		VARIABLES
104	UTILITY	F3		B2		W1, W2, W3		C1, C2		VARIABLES
105	ART ROOM	F1		B1		W1, W4, W5		C1		VARIABLES
106	STORAGE	F1		B1, B3		W1		C1		VARIABLES

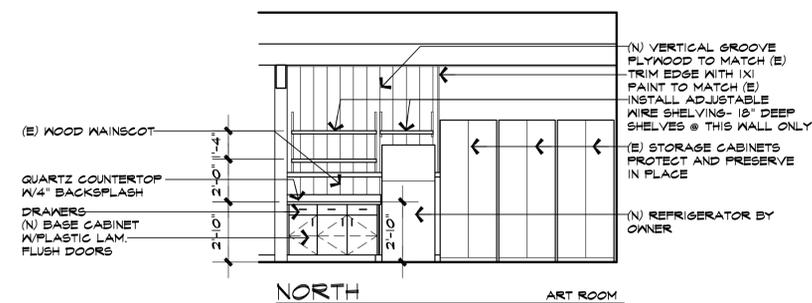
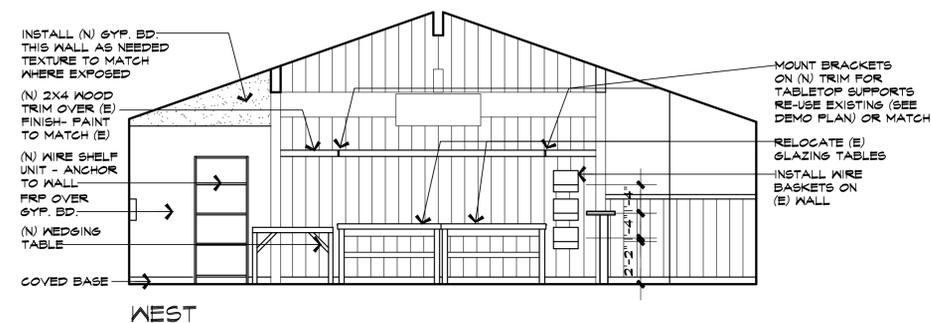
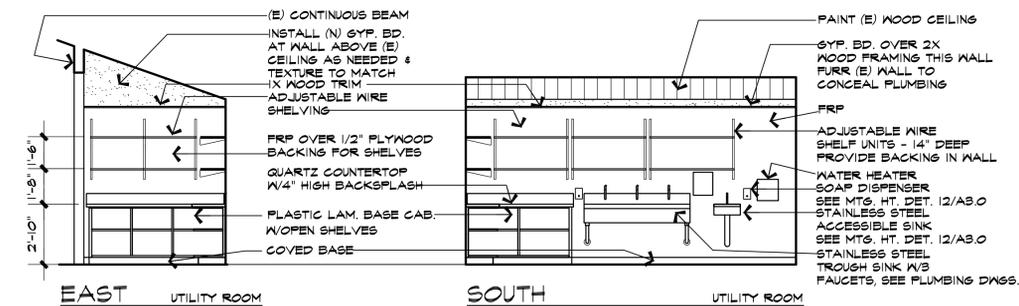
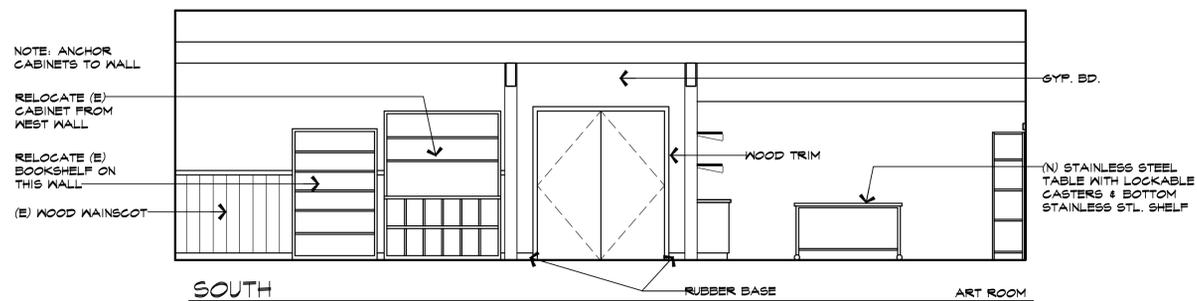
FINISH MATERIALS AND COLORS:
SHEET FLOORING: ALTRO MAXIS UNITY ROCK UBI2504

PLASTIC LAMINATE CABINETS: WILSONART KENSINGTON MAPLE 10776-60

QUARTZ COUNTERTOP AND BACKSPLASH: SILESTONE 'TIGRIS SAND' 6006-L

FINISH SCHEDULE ABBREVIATION KEY

F1	EXISTING VCT	B1	(E) TOPSET BASE	W1	(E) GYP. BD.	C1	(E) T & S WOOD EGGSHELL PAINT
F2	NEW VCT AS INDICATED ON PLAN MATCH EXISTING COLOR	B2	(N) RES. COVED BASE	W2	(N) GYP. BD., FINISH W/ EGGSHELL PAINT	C2	(N) WOOD- PATCH AS NEEDED EGGSHELL PAINT
F3	NEW SHEET FLOORING ALTRO MAXIS UNITY OR EQUAL	B3	(N) TOPSET BASE	W3	(N) FRP		
				W4	(E) WOOD PANELING		
				W5	(N) WOOD PANELING EGGSHELL PAINT		



INTERIOR ELEVATIONS

1/4" = 1'-0"

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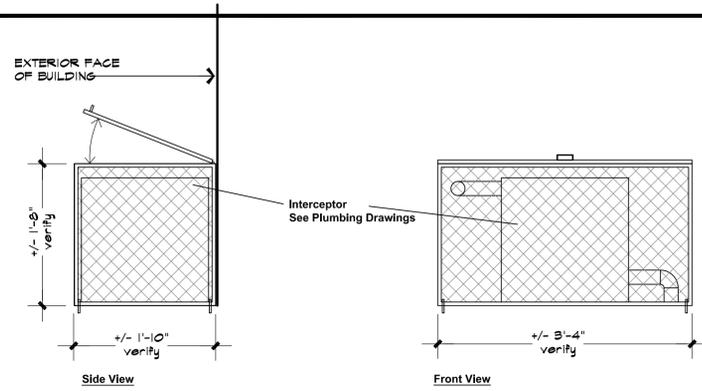
NO.	DATE	REVISION
1	05/15/15	Submittal
2	06/15/15	Submittal
3	07/15/15	Submittal
4	07/15/15	Submittal

WILSON PARK RENOVATIONS
Recreation Building and
Baseball Park Improvements
Wilson Park
Cupertino, CA



Int. Elev's
Finish Sched.
Green Bldg. Notes
CHECK BY:
JOB NO: 1501

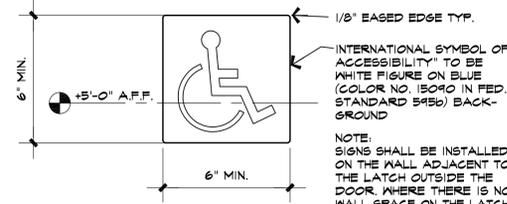
A2.0



1. Metal cage to be constructed with angle steel and expanded mesh sides, welded to be structurally sound. Frame shall be min 1" x 1/2" angle steel. Finished product shall be powder coated, color to match building.
2. Bolt to concrete paving at each corner, inside of cage.
3. Four sides shall have expanded mesh, with the bottom and back (building) sides open. Expanded mesh shall be 1/2" x 30 gauge.
4. The top shall be hinged to open min 90° and lockable with hasp type lock.
5. Provide handle at top for opening. Install bracket above cage on face of building to align with handle when door is open so the door can be locked open while the unit is serviced.
6. Shall be installed 1/2" off of the existing building.
7. Verify piping sizes in and out, and submit shop drawings for approval.

17 METAL CAGE AT INTERCEPTOR

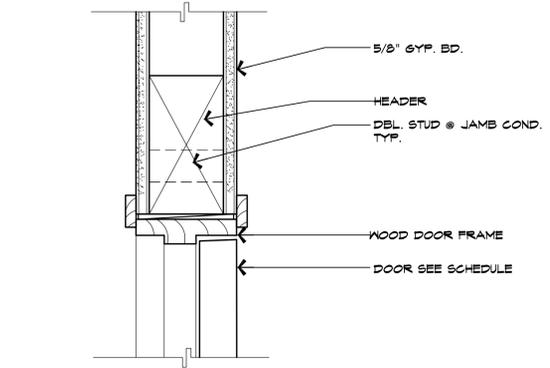
1 1/2" = 1' - 0"
DET-014



NOTE: SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH OUTSIDE THE DOOR, WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT DOUBLE LEAF DOORS. SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. MOUNTING SHALL BE DETERMINED SO THAT A PERSON MAY APPROACH WITHIN 3' OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF THE DOOR.

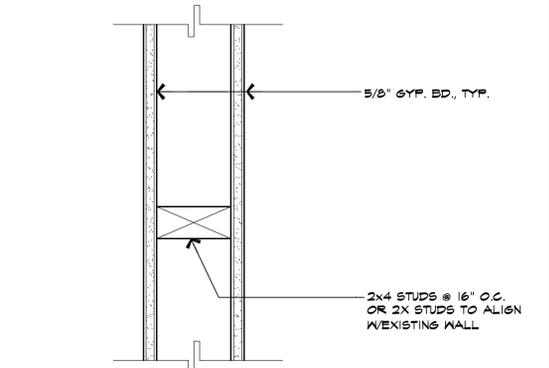
9 ENTRANCE SIGN

N. T. S.
DET-005



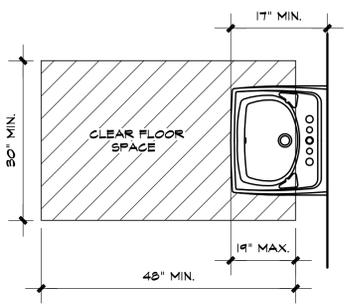
5 HEAD/JAMB @ INTERIOR DR.

DET-005



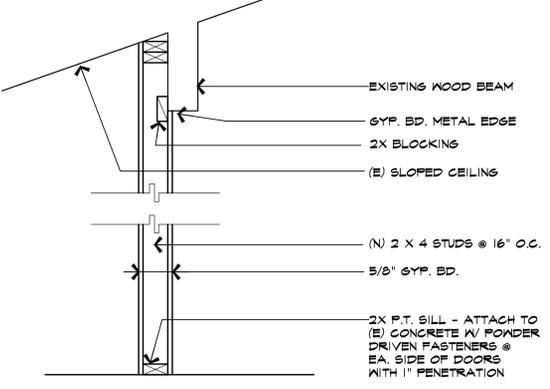
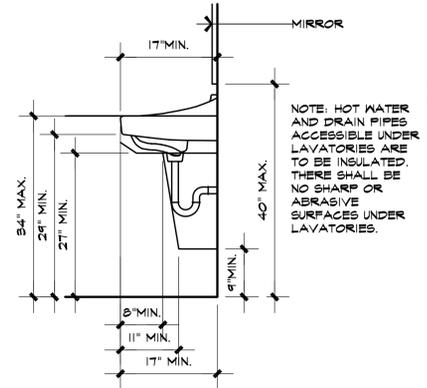
W1 INTERIOR WALL

PLAN SECTION
3" = 1' - 0"
WT-01



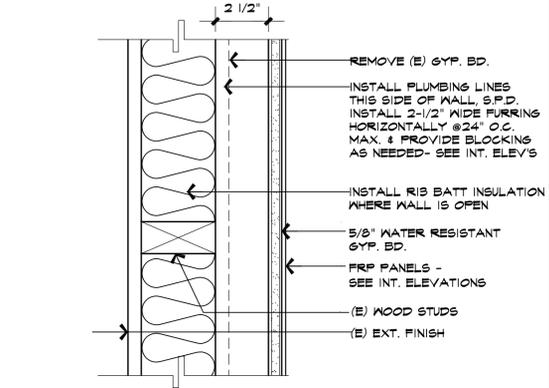
11 ACCESSIBLE LAVATORY

3/4" = 1' - 0"
DET-08



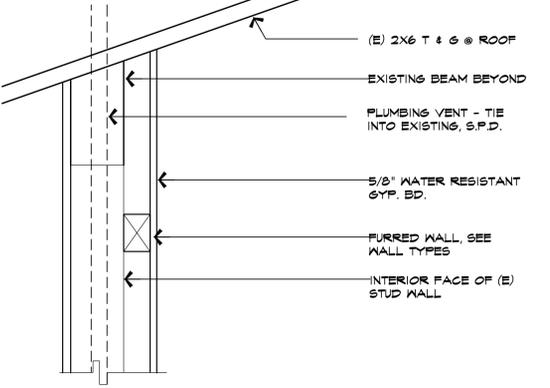
6 WALL DETAIL

DET-011



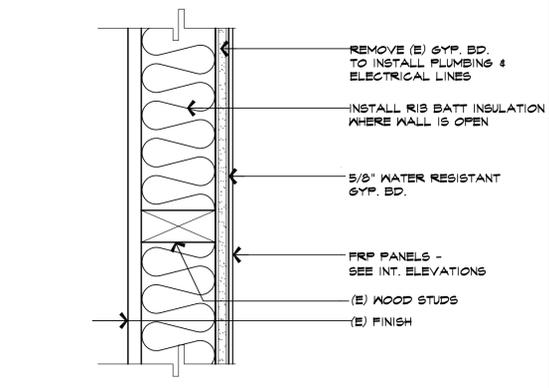
W2 EXTERIOR WALL

PLAN SECTION
3" = 1' - 0"
WT-02



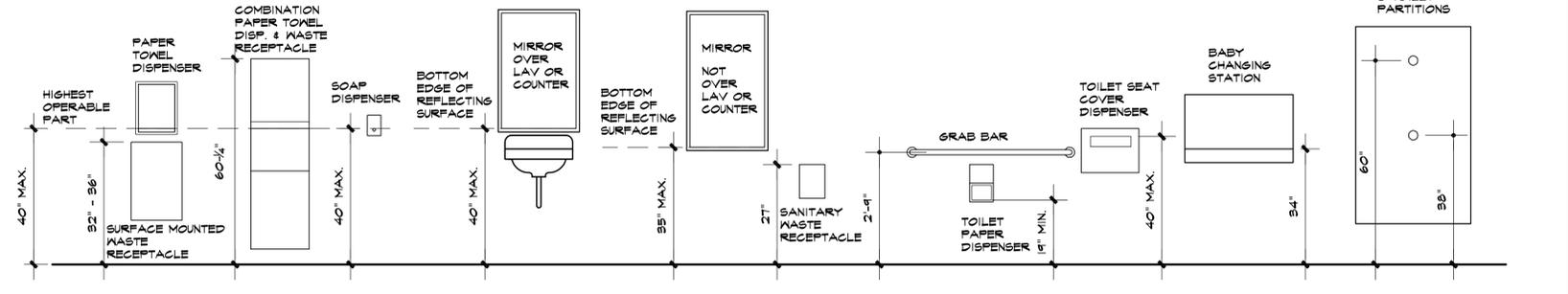
7 VENT @ EXT. WALL

DET-007



W3 EXISTING WALL

PLAN SECTION
3" = 1' - 0"
WT-03



12 ACCESSIBLE ACCESSORIES MOUNTING HEIGHTS

1/2" = 1' - 0"
DET-012

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NO.	DATE	REVISION
1	5-12-15	CD Submittal
2	7-20-15	Bid Set

WILSON PARK RENOVATIONS
Recreation Building and
Baseball Park Improvements
Wilson Park
Cupertino, CA



Details
CHECK BY:
JOB NO: 1501

A3.0

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 bayslands.

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 shall be unlawful to discharge, or cause, allow, or permit to be discharged into any storm drain or natural outlet or channel all waste, including but not restricted to, sewage, industrial wastes, petroleum products, coal tar or any refuse substance arising from the manufacture of gas from coal or petroleum, chemicals, detergents, solvents, paints, contaminated or chlorinated swimming pool water, pesticides, herbicides and fertilizers.

9.18.070 Accidental Discharge

All persons shall notify the Director of Public Works by telephone immediately upon accidentally discharging wastes to enable countermeasures to be taken by the City to minimize damage to storm drains and the receiving waters. This notification shall be followed, within ten (10) 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 further occurrences. Such notifications 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 violations of Section 5650 of 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 of Cupertino 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 flow 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.

- 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.)

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 of the source. Cover exposed 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.
- Keep pollutants off exposed surfaces. Place trash cans and recycling receptacles around the site to minimize litter.
- 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 totes. 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.
- Landscaping contractors should take clippings and pruning waste to a landfill that composts yard waste (BFFs 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 algacides should never be discharged to storm drains. These chemicals are toxic to aquatic life.

Pool/Fountain/Spa Maintenance

Draining pools or spas. When its 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 algacides. 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.



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.

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 Clean-up

- 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 tributyltin must be disposed of as hazardous waste. 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 dearing 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. Show cut 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.



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 on-site cleaning.
- Cover exposed fifth wheel hitch and other oily or greasy equipment during rain events.
- Spill Clean up
 - 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.

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.



UPDATED JANUARY 2011

APPROVED BY:
TIMM BORDEN, RCE 45512 12/31/12
DIRECTOR OF PUBLIC WORKS

1/26/2011
DATE

CONSTRUCTION BEST MANAGEMENT PRACTICES

CITY OF CUPERTINO
DEPARTMENT OF PUBLIC WORKS

SHEET:

OF SHEETS

FILE:

GENERAL

- ALL CONSTRUCTION SHALL COMPLY WITH THE PROVISIONS OF THE 2013 CALIFORNIA BUILDING CODE (CBC), TITLE 24, PART 2, VOLUMES 1-2 (2012 INTERNATIONAL BUILDING CODE (IBC) WITH 2013 CALIFORNIA AMENDMENTS).
- ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR DIRECTION PRIOR TO PROCEEDING.
- DO NOT SCALE DRAWINGS FOR DIMENSIONAL INFORMATION.
- SHORING, TEMPORARY BRACING AND OTHER METHODS AND MEANS OF CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR, AND IS NOT INCLUDED IN THE SCOPE OF THE STRUCTURAL DRAWINGS.
- THE FOLLOWING NOTES ARE FOR GENERAL MATERIAL GRADES AND PROCEDURES. SEE SPECIFICATIONS AND REMAINDER OF DRAWINGS FOR COMPLETE REQUIREMENTS. ITEMS NOTED IN PLANS, SECTIONS AND DETAILS TAKE PRECEDENCE OVER GENERAL NOTES.
- LOADS:
 - LIVE: ROOF: 20 PSF (REDUCIBLE)
 - WIND: EXPOSURE C, 110 MPH BASIC WIND SPEED DIRECTIONAL PROCEDURE
 - SEISMIC: BUILDING RISK CATEGORY II EQUIVALENT LATERAL FORCE PROCEDURE (ASCE 7-10 SECTION 12.8) LATITUDE: 37.3188, LONGITUDE: -122.0210 SEISMIC DESIGN CATEGORY (SDC) D SITE CLASS D $S_s=1.780$, $S_1=0.680$, $F_a=1.000$, $F_v=1.500$; $S_{D1}=1.780$, $S_{D2}=1.020$; $S_{D3}=1.187$, $S_{D4}=0.680$ IMPORTANCE FACTOR: $I_p=1.00$ $R=1.25$ FOR OTHER SELF-SUPPORTING STRUCTURES $C_s=0.287$ (STRENGTH), 0.205 (ALLOWABLE STRESS) $C_v=0.237$ (STRENGTH), 0.170 (ALLOWABLE STRESS).
- LOAD COMBINATIONS FOR DESIGN: CONCRETE: PER CBC SECTION 1605.2 FOR STRENGTH DESIGN. FOUNDATIONS: PER CBC SECTION 1605.3.2 FOR ALLOWABLE STRESS DESIGN. ALL OTHERS: PER CBC SECTION 1605.3.1 FOR ALLOWABLE STRESS DESIGN.

GEOTECHNICAL & FOUNDATIONS

- GEOTECHNICAL CRITERIA USED FOR FOUNDATION DESIGN:
 - GEOTECHNICAL REPORT BY NINYO & MOORE, SAN JOSE, CALIFORNIA. REPORT NO. 402583001, DATED 07-16-2015. GEOTECHNICAL REPORT SHALL BE CONSIDERED PART OF CONSTRUCTION DOCUMENTS. ALL RECOMMENDATIONS DESCRIBED THEREIN SHALL BE IMPLEMENTED IN PROJECT'S CONSTRUCTION, INCLUDING GRADING, STRIPPING OF EXISTING MATERIAL, LOCATION, TYPE AND INSTALLATION OF FILL MATERIAL, AND COMPACTION.
 - CAST-IN-DRILLED-HOLE PIER FOOTING DESIGN CRITERIA: MINIMUM PIER DIAMETER: 12" (AT FENCES), 18" (AT SHADE STRUCTURE) MINIMUM PIER DEPTH: 3'-0" ALLOW. SKIN FRICTION DOWNWARD: 70 PSF DEAD + LIVE ALLOW. SKIN FRICTION UPLIFT: 47 PSF ALLOW. LATERAL PASSIVE PRESSURE: 300 PSF/FT. ** (WITH NO 1/3 INCREASE) ** FOR STRUCTURES THAT CAN TOLERATE 1/2" LATERAL MOTION AT GROUND SURFACE DUE TO SHORT-TERM SEISMIC OR WIND LOADING. TOP SOIL DEPTH TO IGNORE: SOIL AT GROUND SURFACE: 1'-0" CONCRETE PAVING AT GROUND SURFACE: 0'-0" MIN. PIER SPACING: THREE TIMES PIER DIAMETER, CENTER-TO-CENTER

CONCRETE

- ALL CONCRETE WORK SHALL CONFORM TO CHAPTER 19 OF THE 2013 CALIFORNIA BUILDING CODE (CBC) AND 2011 ACI STANDARD 318 AND ASTM C94, SPECIFICATION FOR READY-MIX CONCRETE. CEMENT SHALL BE PORTLAND CEMENT TYPE II AND SHALL COMPLY WITH ASTM C150. CALCIUM CHLORIDE SHALL NOT BE USED. COARSE AND FINE AGGREGATE SHALL COMPLY WITH ASTM C33. CONCRETE MIX DESIGNS SHALL BE SUBMITTED TO AND APPROVED BY TESTING AGENCY PRIOR TO ORDERING CONCRETE.
- ALL STRUCTURAL CONCRETE MIXES SHALL HAVE MIN. 5 SACKS CEMENT PER CU. YARD AND MAX. WATER-TO-CEMENT RATIO OF 0.60. CONCRETE CONCRETE MIX PROPERTIES SHALL BE AS FOLLOWS:
 - INTERIOR SLAB-ON-GRADE: 28-DAY COMP. STRENGTH: 3,000 PSI LARGE AGGREGATE SIZE: 3/4" - 1" MAX. SLUMP: 4" DENSITY: 150 PCF (NORMAL WEIGHT) NON-STRUCTURAL CONCRETE - SPECIAL INSPECTION NOT REQUIRED.
 - PIER FOOTINGS: 28-DAY COMP. STRENGTH: 3,000 PSI LARGE AGGREGATE SIZE: 3/4" - 1" MAX. SLUMP: 5" DENSITY: 150 PCF (NORMAL WEIGHT) STRUCTURAL CONCRETE - SPECIAL INSPECTION REQUIRED.
- STEEL REINFORCING BARS SHALL CONFORM TO ASTM A615-40 FOR #4 AND SMALLER BARS, ASTM A615-60 FOR #5 AND LARGER BARS.
- WELDING OF REINFORCING SHALL NOT BE ALLOWED.
- MAINTAIN THE FOLLOWING MINIMUM CONCRETE COVER FOR REBAR: WHERE CONC. IS PLACED AGAINST EARTH = 3" WHERE CONCRETE IS FORMED AND EXPOSED TO EARTH OR WEATHER = 2" WHERE CONCRETE IS NOT EXPOSED TO EARTH OR WEATHER = 1-1/2" SLABS ON GRADE = 3/4"
- NOTIFY STRUCTURAL ENGINEER AT LEAST 48 HOURS BEFORE ANY CONCRETE IS TO BE PLACED OR FORMS CLOSED TO ALLOW FOR HIS INSPECTION OF EXCAVATIONS AND REINFORCING PLACEMENT. SEE ALSO SPECIAL INSPECTION REQUIREMENTS.
- IF LOADING OF CONCRETE ELEMENTS PRIOR TO 28-DAY AGE IS ANTICIPATED, CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO SUBMITTAL OF CONCRETE MIX DESIGNS IN ORDER TO ALLOW SPECIFYING OF PROVISIONS FOR SUCH. PROVISIONS MAY INCLUDE COMPRESSION TEST CYLINDERS BE FIELD-CURED IN CONDITIONS MATCHING SUBJECT CONCRETE ELEMENTS, PLUS USE OF CEMENT TYPES AND/OR ADMIXTURES IN MIX DESIGNS TO PROVIDE THE REQUIRED COMPRESSIVE STRENGTHS AT ANTICIPATED AGES LESS THAN 28 DAYS. LOADING OF CONCRETE ELEMENTS BEFORE CURING FOR 28 DAYS WILL NOT BE APPROVED WITHOUT THESE PROVISIONS BEING SPECIFIED, AND MET BY CONTRACTOR.
- ADHESIVE FOR REBAR DOWELS IN SLAB SHALL BE ONE OF THE FOLLOWING:
 - HILTI "HIT-RE 500-SD" ADHESIVE ANCHOR SYSTEM (ESR-2322).
 - SIMPSON "SET-XP" ADHESIVE ANCHOR SYSTEM (ESR-2508).
 NOTE: SLAB DOWELS ARE NON-STRUCTURAL AND DO NOT REQUIRE SPECIAL INSPECTION.

STEEL FENCE POSTS

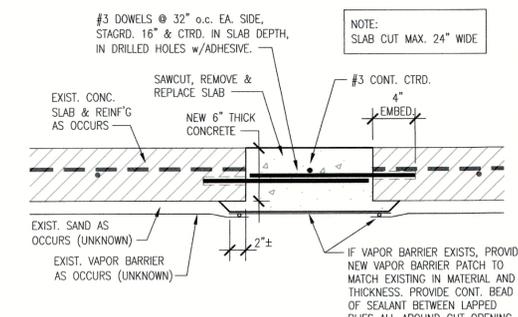
- STEEL MATERIAL SHALL BE AS FOLLOWS: PIPES: ASTM A53 GRADE B, Fy=35 KSI, ROUND TUBES (HSS): ASTM A500 GRADE B, Fy=42 KSI,
- STEEL FENCE POSTS SHALL BE HOT-DIPPED GALVANIZED.

WOOD FRAMING

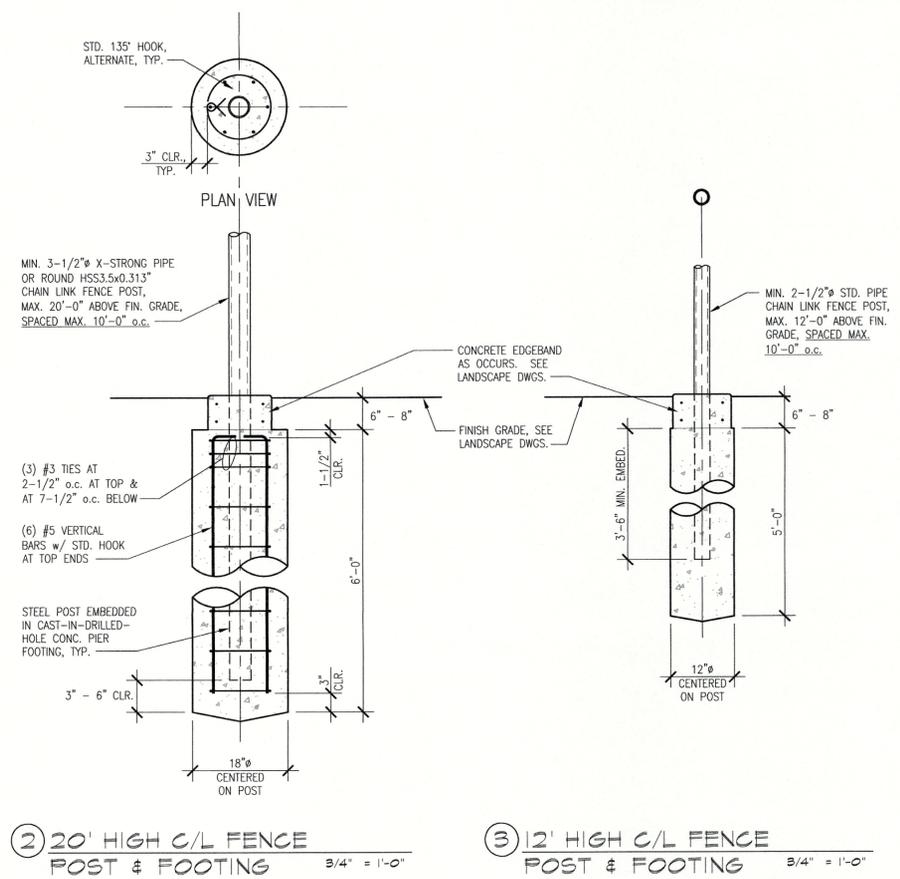
- ALL WOOD CONSTRUCTION SHALL COMPLY WITH REQUIREMENTS OF CBC SECTION 2308, CONVENTIONAL LIGHT-FRAME CONSTRUCTION.
- NEW LUMBER SHALL BE DOUGLAS FIR. WALL STUDS SHALL BE CONSTRUCTION GRADE OR BETTER. ALL OTHER WOOD SHALL BE NO. 2 GRADE OR BETTER.
- NEW WOOD SOLE PLATES ON CONCRETE SHALL BE PRESSURE-TREATED D.F. NO. 2 OR BETTER.
- NAILS SHALL BE COMMON WIRE TYPE NAILS, AND SHALL BE HOT-DIP GALVANIZED WHERE EXPOSED TO WEATHER OR IN CONTACT WITH PRESSURE TREATED LUMBER.
- SHEET METAL STRAPS, FRAMING CLIPS, ETC. SHALL BE AS MANUFACTURED BY SIMPSON STRONG-TIE, AND SHALL BE INSTALLED WITH NUMBER, TYPE AND SIZE OF NAILS AS SPECIFIED BY MFR.

TESTING AND SPECIAL INSPECTIONS

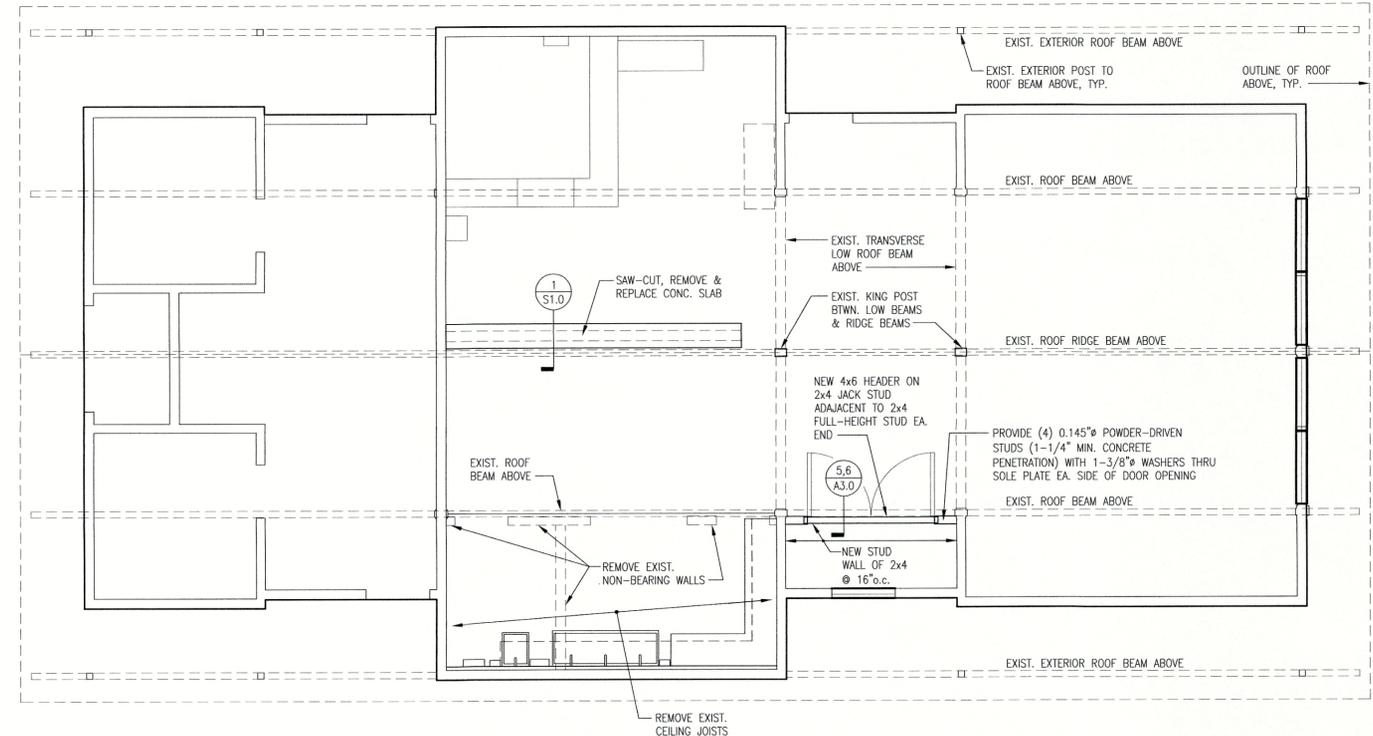
- GENERAL
 - ALL TESTS AND SPECIAL INSPECTIONS SHALL CONFORM TO APPLICABLE REQUIREMENTS OF 2013 CALIFORNIA BUILDING CODE (CBC) SECTION 1701.
 - THE CITY SHALL EMPLOY AND PAY THE INSPECTION/TESTING LABORATORY. COSTS OF RE-TESTING MAY BE BACK-CHARGED TO THE CONTRACTOR.
 - COPIES OF ALL TEST/INSPECTION REPORTS SHALL BE SUBMITTED TO ARCHITECT, STRUCTURAL ENGINEER AND CITY.
- CAST-IN-DRILLED-HOLE PIER FOUNDATIONS:
 - NOTIFY ENGINEER 48 HOURS BEFORE CONCRETE IS TO BE PLACED OR FORMS CLOSED TO ALLOW FOR INSPECTION OF EXCAVATIONS AND REINFORCING PLACEMENT.
 - SPECIAL INSPECTION IS REQUIRED.
 - THE TESTING AGENCY SHALL PERFORM THE FOLLOWING:
 - REVIEW CONCRETE MIX DESIGNS. ALL DESIGNS SHALL BE SUBMITTED TO AND APPROVED BY TESTING AGENCY PRIOR TO ORDERING CONCRETE.
 - FOR EACH CONCRETE MIX PLACED, AGENCY SHALL CAST (4) TEST CYLINDERS IN ACCORDANCE WITH ASTM C31 FOR EACH 50 CUBIC YARDS OR 2000 SQUARE FEET, OR FRACTION THEREOF, OF CONCRETE PLACED EACH DAY, AND TRANSPORT CYLINDERS TO LAB. TEST CYLINDERS IN ACCORDANCE WITH ASTM C39. TEST (1) CYLINDER AT 7 DAYS AND (2) CYLINDERS AT 28 DAYS. HOLD LAST TEST CYLINDER FOR 60 DAYS.
 - INSPECT FINAL PLACEMENT OF ALL REINFORCING AND STEEL EMBEDS AS INDICATED ON DETAILS PRIOR TO CONCRETE PLACEMENT.
 - CONTINUOUS INSPECTION OF CONCRETE PLACEMENT FOR ALL DRILLED PIER FOOTINGS.
- POST-INSTALLED ANCHORS IN CONCRETE SLAB: ANCHORS ARE NON-STRUCTURAL AND DO NOT REQUIRE SPECIAL INSPECTION OR TESTING.
- INSPECTIONS BY GEOTECHNICAL ENGINEER:
 - PROVIDE PERIODIC INSPECTION OF SITE PREPARATION & GRADING - STRIPPING OR DISCING OPERATIONS. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.
 - PROVIDE CONTINUOUS INSPECTION OF ENGINEERED FILL OPERATIONS. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.
 - PROVIDE CONTINUOUS INSPECTION OF EXCAVATIONS FOR DRILLED PIER FOOTINGS. VERIFY PLACEMENT LOCATIONS, PLUMBNESS, DIAMETERS AND LENGTHS. RECORD CONCRETE VOLUMES.



1 SLAB CUT & REPAIR 1-1/2" = 1'-0"



2 20' HIGH C/L FENCE POST & FOOTING 3/4" = 1'-0"
3 12' HIGH C/L FENCE POST & FOOTING 3/4" = 1'-0"



A RECREATION BUILDING - KEY STRUCTURAL PLAN 1/4" = 1'-0"

GENERAL STRUCTURAL NOTES

Prodix Associates Architects
991 West Hedding St. Ste 101 San Jose, CA 95128
Tel: 408.984.1377 Fax: 408.984.1380

akh STRUCTURAL ENGINEERS, INC.
1585 MERIDIAN AVE, SUITE B SAN JOSE, CALIFORNIA 95135
PHONE 408.972.9797 FAX 408.967.9799
WWW.AKHSE.COM AHI JOB #05265

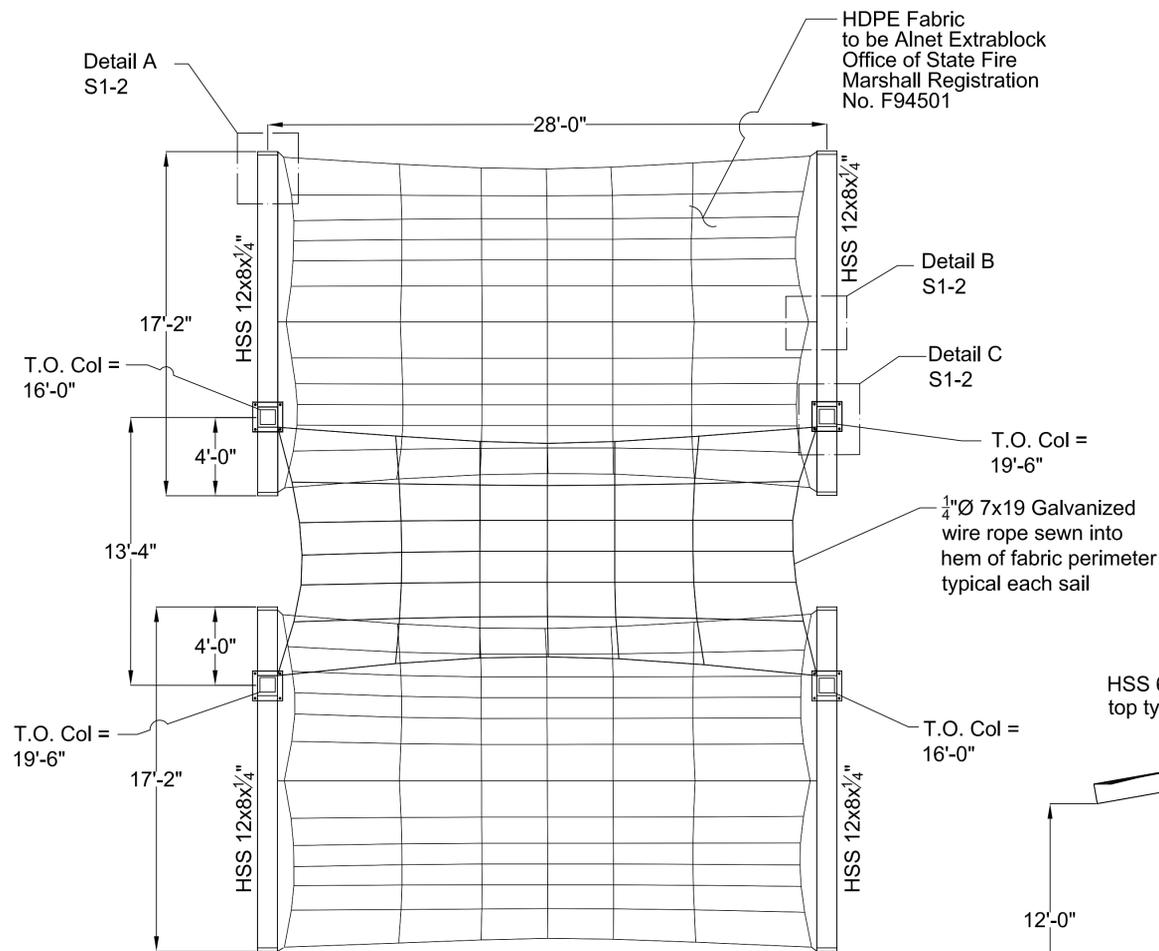
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CD	4-2-15	Submittal
BD	4-2-15	Submittal
AD	4-2-15	Submittal
1	6-16-15	Per Check Response
2	6-16-15	Per Check Response
3	7-20-15	Per Check Response

WILSON PARK RENOVATIONS
Recreation Building and Baseball Park Improvements
Wilson Park
Cupertino, CA

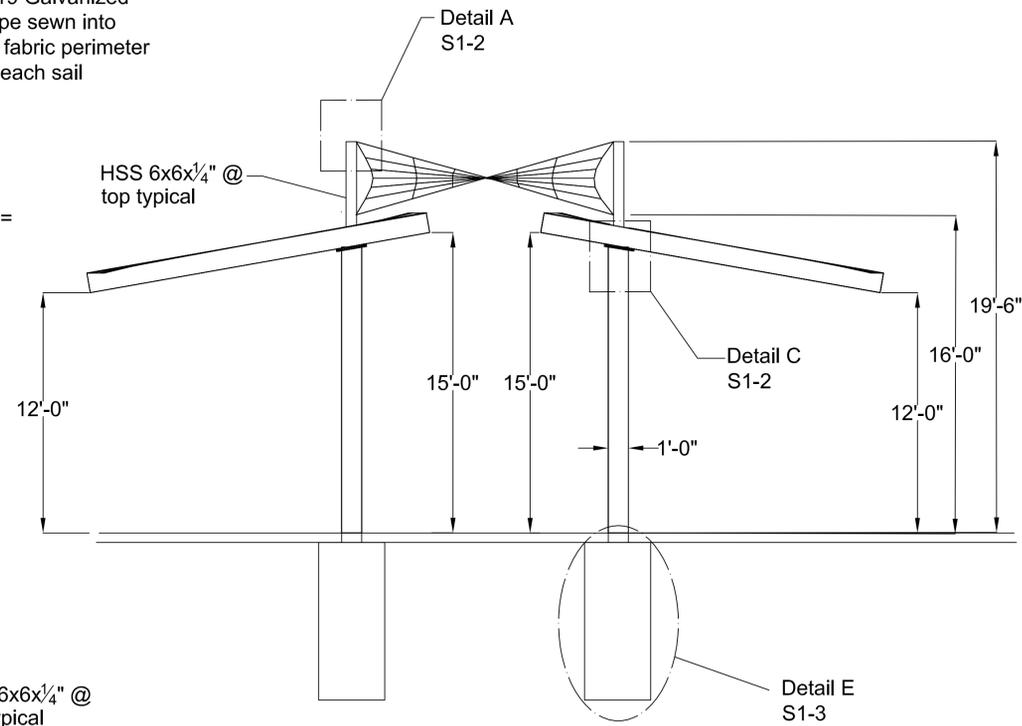
REGISTERED PROFESSIONAL ENGINEER
No. S2280
Exp. 3/31/17
Seal of the State of California
Structural Engineering

Floor Plans
CHECK BY:
JOB NO: 1501

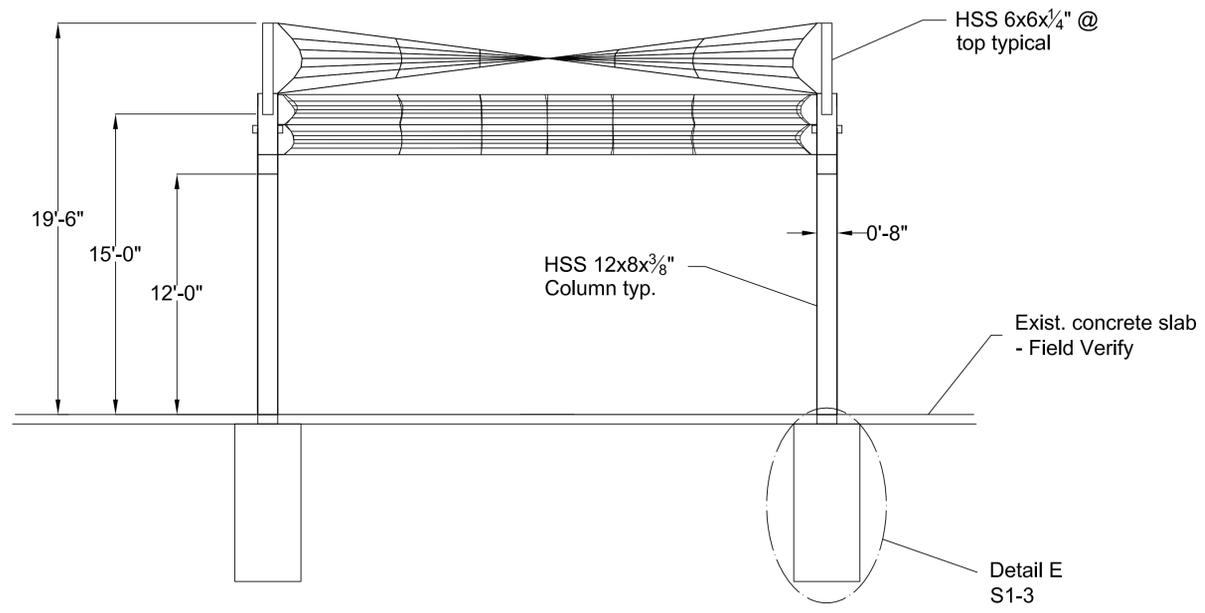
S1.0



PLAN VIEW



SIDE ELEVATION



FRONT ELEVATION

DESIGN CRITERIA
 Designed to conform to CBC 2013
 Live Load = Awning = 5.0 psf

Wind Criteria
 Exposure = C
 3 Sec. Gust V = 110 mph Ultimate
 Importance = 1.0
 GCpi = 0 (open structure)

Seismic Criteria
 Soil Site Class = D
 Lateral System = Cantilever Column
 R = 1.5
 Ss = 1.78, S1 = 0.68
 Fa = 1.0, Fv = 1.5
 Sds = 1.19g, Sd1 = 0.68g
 Importance Factor = 1.0

STEEL
 Structural steel shall conform to ASTM A36
 Machine bolts shall conform to A193-B8 Class I (S/S)
 HSS members shall conform to ASTM A500
 Grade B, Fy = 46.0 KSI
 Corrosion protection shall be provided for all steel as follows:
 -Turnbuckles, D-Shackles, and cable clamps to be T316 stainless steel (S/S) Fy = 30 ksi
 -Anchor bolts, nuts, washers and 7x19 wire rope to be hot-dip galvanized
 -All HSS Members, Baseplates, Gusset Plates & End plates to be primed (1.5 mil) with 2.0 mil Finish Coat

WELDING
 Welding shall be per AWS D1.1 and performed by structurally certified welders using E70xx
 City of Los Angeles Fabricator Cert. #FB00073
 NO FIELD WELDING

REINFORCEMENT
 Rebar shall conform to ASTM A 615
 Grade 60
 Clearance from soil shall be a minimum of 3"

FOOTINGS
 Concrete f'c = 2500 psi
 Coarse Aggregate - 1 $\frac{1}{2}$ " max.
 Slump = 4.0" + 1"
 W/C ratio = 0.45 max.
 Note: Square footing with width = diameter may be substituted

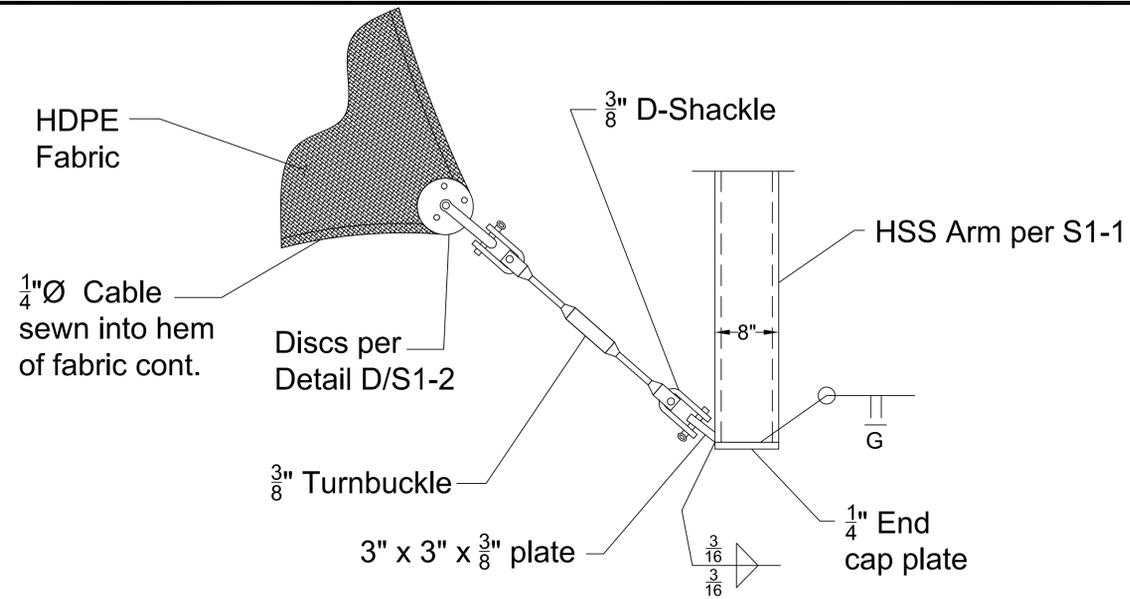
SOIL CAPACITY
 Allowable End Bearing Bressure 1500 psf (CBC Chpt 18)
 Skin Friction for Downward Load = 70.0 psf/ft
 Skin Friction for Uplift = 47.0 psf/ft
 Neglect top 1'-0" bury
 Allowable Lateral Bearing = 300.0 psf/ft
 Report by Ninyo & Moore
 Project No. 402583001, July 16, 2015

CLEARANCE FROM OTHER STRUCTURES
 Canopies shall be at least 6" away from any other structure which may be damaged due to deflection.

SPECIAL INSPECTION
 NO Special Inspection Required - Minor Structure per CBC Chapter 17

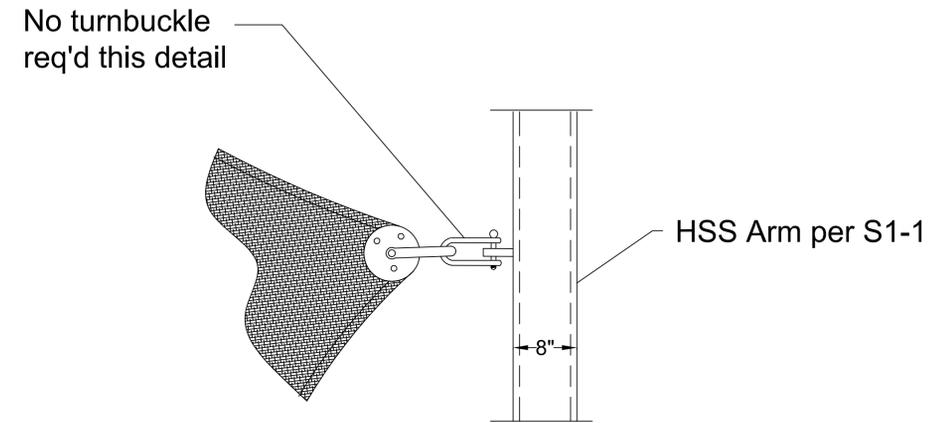
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JOB NO:	1501



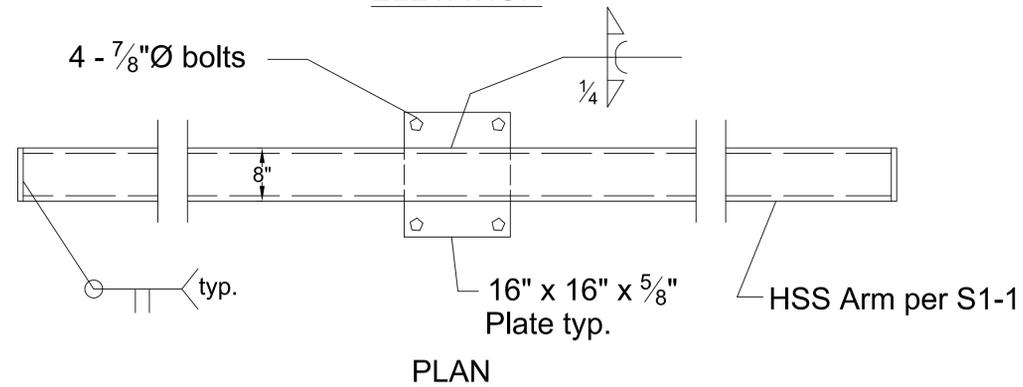
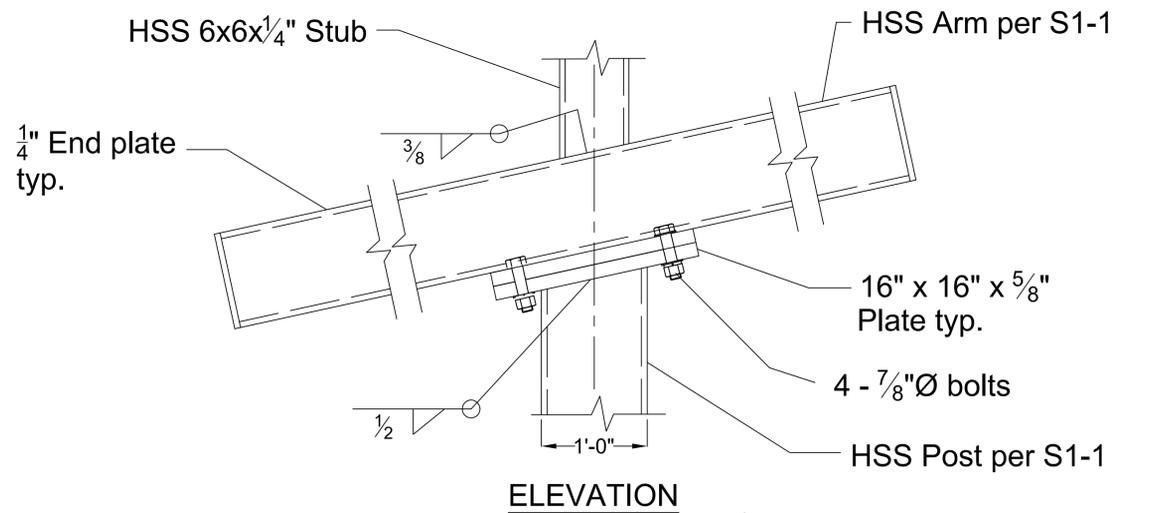
Note - All connection hardware this detail shall be S/Steel u.n.o.

Detail A - End of Frame Sail Connx.

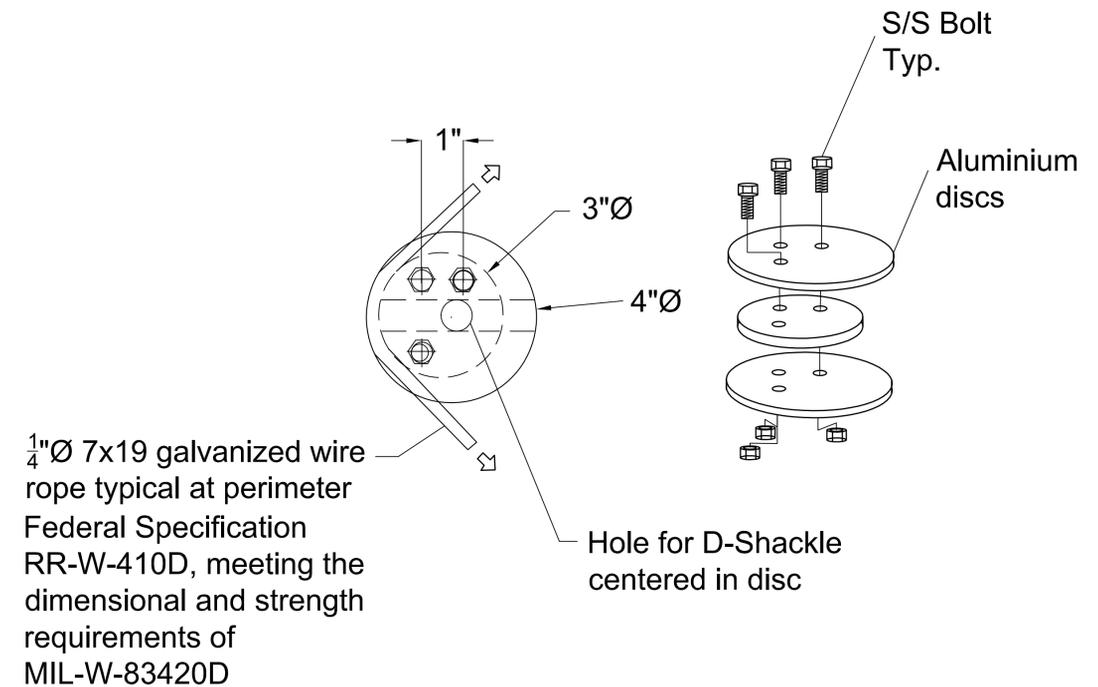


Note - Refer to Detail A/S1-2 for Info. not shown this detail

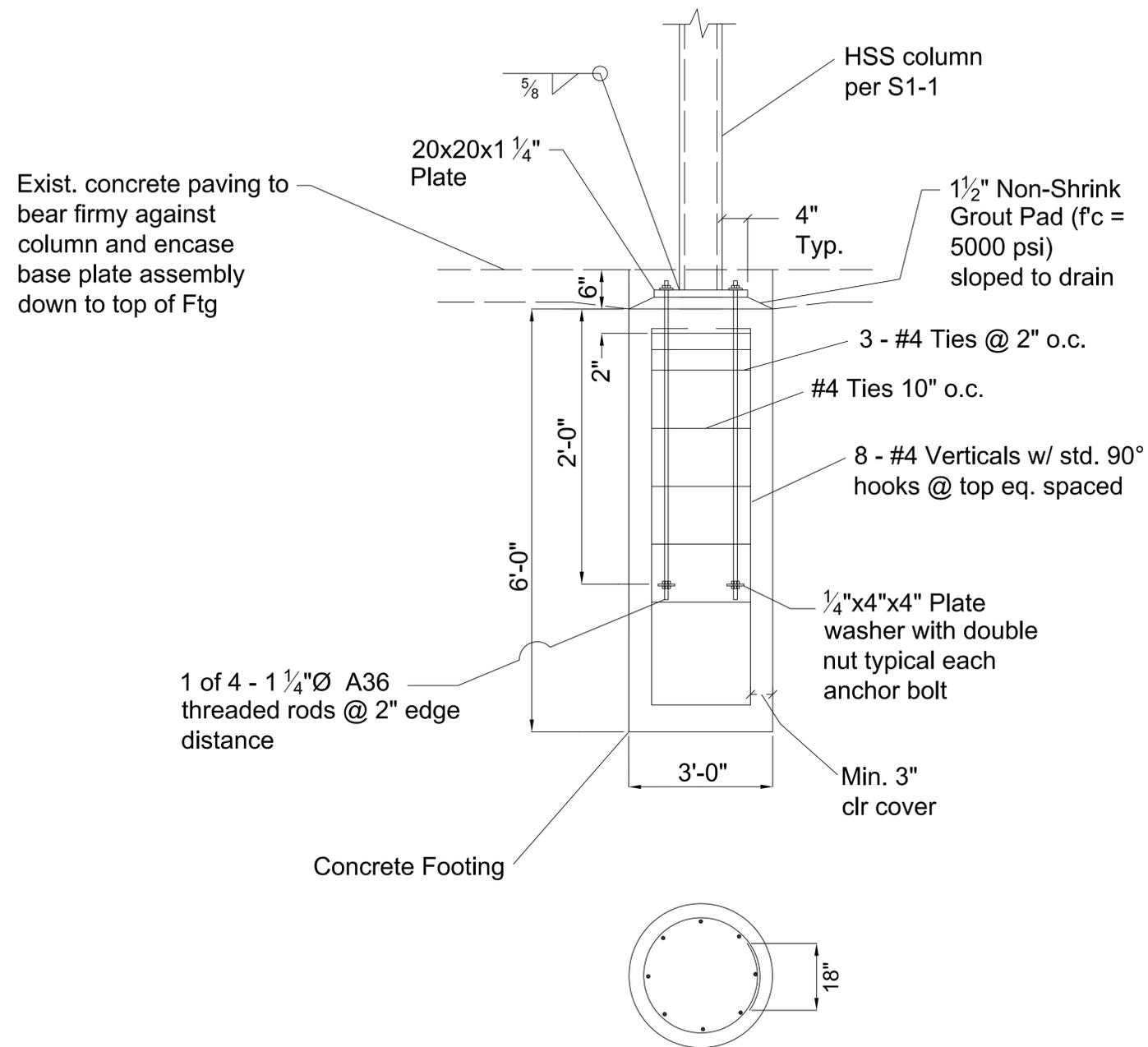
Detail B - Typ. East End



Detail C - Typical Beam/Column Connx.



Detail D
Cable and fabric clamp detail



Detail E
 Foundation Detail at HSS Column

- NOTE:**
- Baseplate bolt hole \varnothing shall not exceed anchor bolt $\varnothing + \frac{1}{8}$ "
 - Provide std. hardened washer for each anchor bolt @ baseplate level

NO.	DATE/REVISION

CHECK BY:	
JOB NO:	1501

PLUMBING SPECIFICATION

15000 - GENERAL

1.1 SCOPE OF WORK

- A. PROVIDE ALL LABOR, APPARATUS AND MATERIALS THAT ARE REQUIRED TO PROVIDE A COMPLETE INSTALLATION AS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS, INCLUDING THAT REASONABLY INFERRED FOR PROPER EXECUTION OF THIS DIVISION.
- B. PROVIDE CUTTING AND PATCHING AS REQUIRED FOR EXECUTION OF WORK PERFORMED UNDER THIS DIVISION AND NOT PROVIDED UNDER OTHER SECTIONS. FRAMING AND BLOCKING SHALL BE INSTALLED UNDER ANOTHER DIVISION.
- C. TRIM NOT SPECIFICALLY INDICATED BUT REQUIRED FOR PROPER FUNCTIONING OF THE EQUIPMENT SHALL BE FURNISHED AND INSTALLED BY THE CRAFT FURNISHING THE EQUIPMENT.
- D. COORDINATE ALL UTILITY REQUIREMENTS FOR EQUIPMENT FURNISHED BY THE PLUMBING SECTIONS. ROUGH-IN REQUIRED SYSTEMS.

1.2 ABBREVIATIONS AND SYMBOLS

- A. WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE RULES AND REGULATIONS OF THE FOLLOWING:
 - 1. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)
 - 2. STATE FIRE MARSHAL AND LOCAL FIRE MARSHAL.
 - 3. 2013 CALIFORNIA BUILDING, MECHANICAL, PLUMBING AND FIRE CODES, ALL VOLUMES.
 - 4. NATIONAL ELECTRICAL CODE.
 - 5. NATIONAL FIRE CODES PUBLISHED BY THE NATIONAL FIRE PROTECTION ASSOC. (NFPA).
 - 6. ANY OTHER APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.
- B. IT IS THE CONTRACTORS RESPONSIBILITY TO INSTALL ALL WORK TO MEET OR EXCEED MINIMUM REQUIREMENTS STIPULATED IN CURRENT ISSUES OF APPLICABLE STANDARDS, CODES, OR REGULATIONS. WHERE DRAWINGS OR SPECIFICATIONS PRESCRIBE REQUIREMENTS EXCEEDING THOSE MINIMUMS, THE WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE DRAWINGS OR SPECIFICATIONS REQUIREMENTS. PARTICULAR ATTENTION IS DIRECTED TO THE FOLLOWING: THIS LIST DOES NOT INCLUDE ALL STANDARDS, CODES, AND REGULATIONS WHICH MAY BE APPLICABLE; OTHER FEDERAL, STATE, AND LOCAL REGULATIONS MAY APPLY.
 - 1. SHEET METAL & AIR CONDITIONING CONTRACTOR'S NATIONAL ASSOCIATION, INC. (SMACNA) - GUIDELINES FOR SEISMIC RESTRAINTS FOR MECHANICAL SYSTEMS.
 - 2. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) - NATIONAL ELECTRIC CODES (NEC) AND NATIONAL FIRE CODES.
 - 3. CITY OF CUPERTINO REGULATIONS AND CODES.
 - 4. LOCAL AND STATE FIRE MARSHAL.

15400 - PLUMBING

1.1 GENERAL

- A. PROVIDE PLUMBING PIPE, FIXTURES, EQUIPMENT, SERVICES AND ACCESSORIES AS INDICATED HEREIN AND ON THE DRAWINGS.
- B. PROVIDE ROUGH PLUMBING TO ALL EQUIPMENT REQUIRING PLUMBING SERVICE WHETHER EQUIPMENT IS FURNISHED UNDER THIS SECTION OR NOT.
- C. REMOVE ALL DEBRIS AND CLEAN UP ALL EQUIPMENT BEFORE FINAL ACCEPTANCE BY OWNER.
- D. CONNECTIONS TO EXISTING SYSTEMS SHALL BE DONE AT TIME AGREEABLE TO THE OWNER PRIOR TO INTERRUPTING ANY EXISTING SYSTEMS; NOTIFY THE OWNER IN ADVANCE SO HE CAN DETERMINE THE EXACT TIME OF INTERRUPTION.
- E. VERIFY VISUALLY THE INVERT ELEVATION, SIZE AND LOCATION OF POINT OF CONNECTION TO ALL EXISTING SYSTEMS AS INDICATED ON THE DRAWINGS.
- F. PROVIDE CORE DRILLED HOLES OR CANS FOR ALL PIPING PASSING THROUGH CONCRETE.

15410 - PIPE MATERIAL APPLICATION

- 1.1 DOMESTIC COLD WATER, AND HOT WATER PIPING SHALL BE TYPE L HARD DRAWN COPPER TUBING ABOVE GRADE PER ASTM B-88, PLAIN ENDS WITH WROUGHT COPPER SOLDER TYPE FITTINGS PER ANSI STANDARD B 16.22. JOINTS SHALL BE SOLDERED USING 95% TIN, 5% ANTIMONY SOLDER AND NON-CORROSIVE FLUX.
- 1.2 SANITARY SEWER AND WASTE PIPING SHALL BE CAST IRON SOIL PIPE AND FITTINGS, HUBLESS PER CAST IRON SOIL PIPE INSTITUTE STANDARD 301. FOR ABOVE FINISH FLOOR, USE NEOPRENE GASKET WITH STAINLESS STEEL BANDS PER ASTM STADARD C1277 AND CISPI 310-2 SCREW PATTERN. FOR BELOW GRADE, USE NEOPRENE GASKET WITH STAINLESS STEEL BANDS PER ASTM STANDARD C 1277 AND CISPI 310-4 BOLT PATTERN.
- 1.3 VENT PIPING SHALL BE CAST IRON SOIL PIPE AND FITTINGS BELOW SLAB. FOR ABOVE GRADE, USE CAST IRON SOIL PIPE AND FITTINGS. CONTRACTOR'S OPTION, USE DWV COPPER TUBING WITH SOLDERED DRAINAGE FITTINGS.

15420 - VALVES

- 1.1 WATER: HAND THROUGH 2", NIBCO T-685-80-IF LEAD FREE BALL VALVE.

15425 - CLEANOUTS

- 1.1 ZURN, WITH BRASS COUNTERSUNK PLUGS WITH LEAD SEAL FOR SANITARY/WASTE LINES.
- 1.2 FURNISH TEE HANDLE WRENCH TO SUIT PLUGS.
- 1.3 INSTALL AS SHOWN ON DRAWINGS AND WHERE REQUIRED BY CODE.

15426 - FIXTURES AND EQUIPMENT INSTALLATION

- 1.1 EQUIP ALL SERVICES WITH LEAD-FREE STOPS AT FIXTURES AND AT EQUIPMENT. LOCATE FOR EASY ACCESS.
- 1.2 USE MANUFACTURER'S ROUGH-IN DATA FOR SIZING CONNECTIONS UNLESS OTHERWISE NOTED.
- 1.3 VERIFY ROUGH-IN AND CONNECTION REQUIREMENTS OF ITEMS FURNISHED BY OTHERS.
- 1.4 INSTALL UNION ON ALL CONNECTIONS TO FACILITATE REMOVAL OF EQUIPMENT.

15427 - FIXTURES AND TRIM

- 1.1 GENERAL: PROVIDE IN ACCORDANCE WITH THE FIXTURE SCHEDULE, THE FIXTURE BROCHURE TO BE SUBMITTED SHALL CONTAIN CUTS OF ALL FIXTURES AND TRIM, ROUGH-IN DIMENSIONS SHEETS AND IN GENERAL, ALL TRIM FURNISHED. PROVIDE ALL MATERIALS NECESSARY TO INSTALL FIXTURES. PROVIDE ALL STANDARD TRIM NORMALLY FURNISHED WITH THE FIXTURE, UNLESS OTHERWISE SPECIFICALLY INDICATED.

15429 - INSULATION

- 1.1 DOMESTIC HOT WATER PIPING SHALL BE INSULATED WITH 1" THICK OWENS-CORNING FIBERGLASS HEAVY DENSITY, MOLDED SECTIONAL PIPE INSULATION, WRAPPED WITH A FACTORY APPLIED KRAFT REINFORCED FOIL/GLASS VAPOR BARRIER. ALL JOINTS SHALL BE SELF-SEALING LAP (SSL-II) WITH AN OPERATING TEMPERATURE RANGE 0° TO 850°F. THERMAL CONDUCTIVITY K-FACTOR IS 0.23 AT 75°F (APPENDIX A-1). IRREGULAR SHAPE 45 DEGREE AND 90 DEGREE FITTINGS WILL RECEIVE THERMAL FIBERGLASS WOOL OF THE SAME DENSITY AND THICKNESS AS ON THE ADJACENT PIPING, BEING FIELD FORMED, FULLY PACKED AND SECURED BY 16-GA.TIE WIRE. JACKETED BY A FOSTER SPEEDLINE FACTORY PREMOLDED PLUG FITTING COVER, HELD IN PLACE WITH STAINLESS STEEL TACKS AS RECOMMENDED BY THE MANUFACTURER. ALL FITTINGS ARE TO BE COATED WITH CHILDERS CP 10 (F-04) AT EXTERIOR OF FITTING TO PROVIDE NECESSARY VAPOR BARRIER.

15431 - PIPING PENETRATIONS THRU WALL

- 1.1 PROVIDE PROPER SEAL AT ALL WALL PENETRATIONS PER CPC, CFC AND LOCAL JURISDICTIONAL REQUIREMENTS.

15432 - PIPE INSTALLATION

- 1.1 SANITARY SEWER, ABOVE GRADE, SHALL SLOPE AT UNIFORM PITCH OF 1/4" PER FOOT UNLESS SPECIFICALLY BY THE BUILDING OFFICIAL.
- 1.2 VENTS SHALL PITCH TO DRAIN, COLLECT RISERS WHERE PRACTICAL, OFFSET TOWARD CENTER OF BUILDING AND EXTEND THROUGH ROOF. BEND ALL TRAPS.
- 1.3 WATER PIPING SHALL BE ARRANGED, PITCHED AND VALVED FOR COMPLETE DRAINAGE AND CONTROL OF EACH SYSTEM.

15433 - PIPE TESTING

- 1.1 TEST ALL PIPING AS NOTED BELOW WITH NO LEAKS OR LOSS IN PRESSURE. REPAIR OR REPLACE DEFECTIVE PIPING UNTIL TESTS ARE ACCOMPLISHED SUCCESSFULLY. THE USE OF OIL PUMPED AIR OR NITROGEN IS EXPRESSLY FORBIDDEN. ALL AIR AND NITROGEN USED FOR TESTING AND PURGING OPERATIONS MUST BE WATER PUMPED.

SYSTEM	TEST PRESSURE	TEST MEDIUM	TEST TIME
DOMESTIC HOT, COLD WATER	150 PSIG	WATER	4 HOURS
SANITARY SEWER, WASTE,	10 FT. OF HEAD	WATER	4 HOURS
VENTS	10 FT. OF HEAD	WATER	4 HOURS

15434 - PIPE CLEANING

- 1.1 AFTER COMPLETING DOMESTIC COLD AND HOT WATER SUPPLY AND RETURN SYSTEMS, DISINFECT IN ACCORDANCE WITH REQUIREMENTS OF U.S. PUBLIC HEALTH DEPARTMENT. USE 50 PARTS PER MILLION OF CHLORINE WITH 8 HOUR RETENTION AND FLUSH TO LEAVE A RESIDUE NO GREATER THAN SUPPLY SOURCE. SUBMIT WRITTEN CERTIFICATION OF DISINFECTION COMPLETION.

15439 - HANGERS AND SUPPORTS

- 1.1 HANGER RODS SHALL CONFORM TO TABLE 3-1 OF THE CPC, 1998 SHOWN ON THE DRAWINGS.

PIPE SIZE	MINIMUM ROD DIAMETER
1/2" TO 4"	3/8"
5" TO 8"	1/2"
10" TO 12"	5/8"

- 1.2 RODS SHALL BE ALL THREAD
- 1.3 HANGER SPACING SHALL BE PER TABLE 3-2 OF THE CPC. 2013

- 1.4 A PIPE SUPPORT SHALL BE PROVIDED ON EACH BRANCH REGARDLESS OF LENGTH.

PLUMBING FIXTURE/EQUIPMENT CONNECTION SCHEDULE

MARK	DESCRIPTION	S	V	CW	HW	REMARKS	S OR W FU	CW FU	HW FU
WMSHS-1	MULTI-STATION HAND SINK	2"	1 1/2"	1/2"	1/2"	ADVANCE TABCO MODEL 19-18-60, 16 GA. TYPE 304 STAINLESS STEEL CONSTRUCTION, 1 5/8" TUBULAR STAINLESS STEEL WALL BRACKETS. 10" HIGH BACKSPASH, 3-1 1/4"DIA. @4"O.C. FAUCET HOLES. 2-FAUCETS SHALL BE CHICAGO FAUCET MODEL 521-GN2AE1CP WALL MOUNTED TYPE WITH GN2A RIGID/SWING GOOSENECK SPOUT, 369 INDEX LEVER HANDLES. P-TRAP SHALL BE 1 1/2"x17 GA. C.P. BRASS, SUPPLIES SHALL BE PROFLO PFXAC32C 5/8"O.D. COMPR. x 3/8" O.D. COMPR. ANGLE STOP, 1/4-TURN. DIM: 60"L x 19 1/2"W x 8" DEEP. UNIT OPER. WT. - 70 LBS.	2	2	1.5
HS-1	HAND SINK	2"	1 1/2"	1/2"	1/2"	ADVANCE TABCO MODEL 7-PS-45 LARGE SIZE BOWL, 16-GA. TYPE 304 STAINLESS STEEL CONSTRUCTION, 8" HIGH BACKPLASH, 1 1/4" DIA. @4"O.C. FAUCET HOLES. FAUCET SHALL BE CHICAGO FAUCET MODEL 521-GN2AE1CP WALL MOUNTED TYPE WITH GN2A RIGID/SWING GOOSENECK SPOUT, 369 INDEX LEVER HANDLES P-TRAP SHALL BE 1 1/2" x 17 GA C.P. BRASS, SUPPLIES SHALL BE PROFLO PFXAC32C 5/8"O.D. COMPR. x 3/8" O.D. COMPR. ANGLE STOP, 1/4-TURN. DIM: 16"L x 20"W x 8" DEEP. FOR MOUNTING HEIGHT, SEE ARCH DRAWINGS. UNIT OPER. WT. - 31 LBS.	1	1	0.75
IHWH-1	INSTANTANEOUS HOT WATER HEATER	-	-	3/4"	3/4"	EEMAX 5P75-FL FLOW CONTROL ELECTRIC TANKLESS WATER HEATER. TOP WATER CONNECTIONS, FLEX CONNECTIONS, FLOW CAPACITY - 1 GPM @51°F TEMP. RISE. HEATING ELEMENT - 7.5 KW, 240V-1PH-60HZ. 32 AMPS.	-	-	-
PI-1	PLASTER INTERCEPTOR	2"	-	-	-	ZURN Z1181 SOLIDS INTERCEPTOR, LARGE CAPACITY, ACID RESISTANT COATED INTERIOR AND EXTERIOR FABRICATED STEEL SOLIDS INTERCEPTOR. REMOVABLE ACID RESISTANT COATED FABRICATED STEEL BUCKET REMOVABLE PRIMARY AND SECONDARY FLOW DIFFUSING / INTERCEPTING BRASS SCREENS, TOP ACCESS GASKETED SECURED COVER. UNIT OPER. WT. - 40 LBS.	-	-	-
HB-1	HOSE BIBB	-	-	1/2"	-	WOODFORD MODEL 24 ANTI-SIPHON WALL FAUCET, NIDEL MODEL 34HF VACUUM BREAKER, 1/2" MALE HOSE THREAD.	-	2.5	-
GCO-1	GRADE CLEANOUT	-	-	-	-	ZURN ZN-1454 ADJUSTABLE GRADE CLEANOUT, DURA-COATED CAST IRON BODY WITH GAS & WATER TIGHT ABS THREADED PLUG & ROUND SCORiated DURA COATED CAST IRON AND ADJUSTABLE TOP COMPLETE WITH MEMBRANE FLASHING FLANGE.	-	-	-

PLUMBING LEGEND

SYMBOL	ABBREVIATION	NOMENCLATURE
---	S OR W	SANITARY SEWER OR WASTE PIPE BELOW GRADE OR FINISH FLOOR
---	S OR W	SANITARY SEWER OR WASTE PIPE ABOVE FINISH FLOOR
-----	V	VENT
-----	CW	COLD WATER - POTABLE.
-----	HW	HOT WATER - POTABLE.
●	FCO	FLOOR CLEANOUT.
○	GCO	FLOOR CLEANOUT.
(E)	(E)	EXISTING
(N)	(N)	NEW
POC	POC	POINT-OF-CONNECT
BG	BG	BELOW GRADE
FU	FU	FIXTURE UNIT
VTR	VTR	VENT THRU ROOF
I.E.	I.E.	INVERT ELEVATION
RPBP	RPBP	REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER

INDEX OF DRAWING

SHEET NO.	DESCRIPTION
P.0	LEGEND, EQUIPMENT SCHEDULE, INDEX OF DRAWING.
P.1	PARTIAL SITE UTILITIES & ENLARGED BUILDING PLANS

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NO.	DATE/REVISION
1	Permit Submit
2	Final
3	Check
4	Check
5	Check
6	Check
7	Check
8	Check
9	Check
10	Check

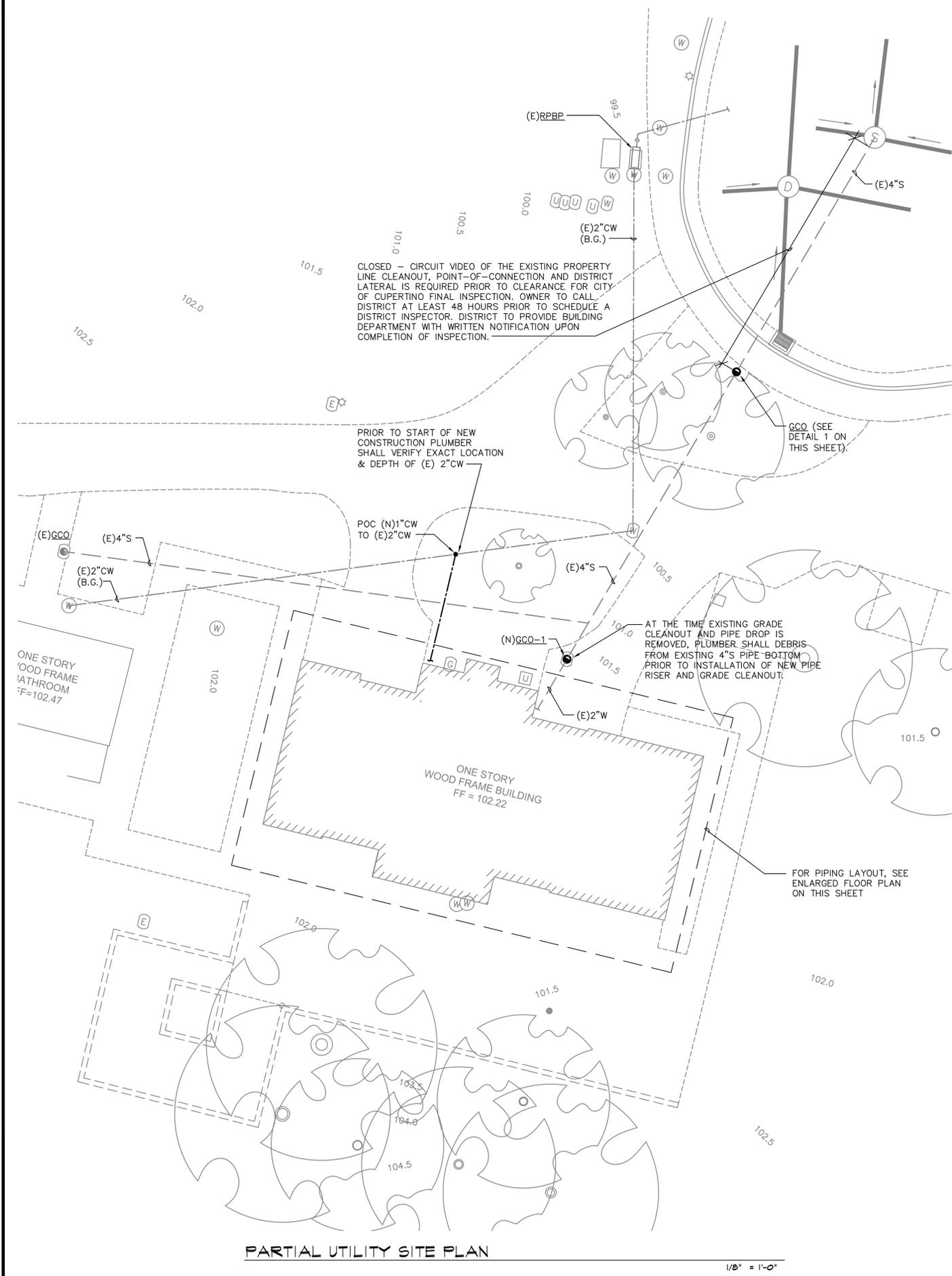
WILSON PARK RENOVATIONS
 Recreation Building and
 Baseball Park Improvements
 Wilson Park
 Cupertino, CA

REGISTERED PROFESSIONAL
 MECHANICAL ENGINEER
 STATE OF CALIFORNIA
 No. 20244
 Exp. 12-30-14

Plumbing
 Cover
 Sheet
 CHECK BY:
 JOB NO: 1501

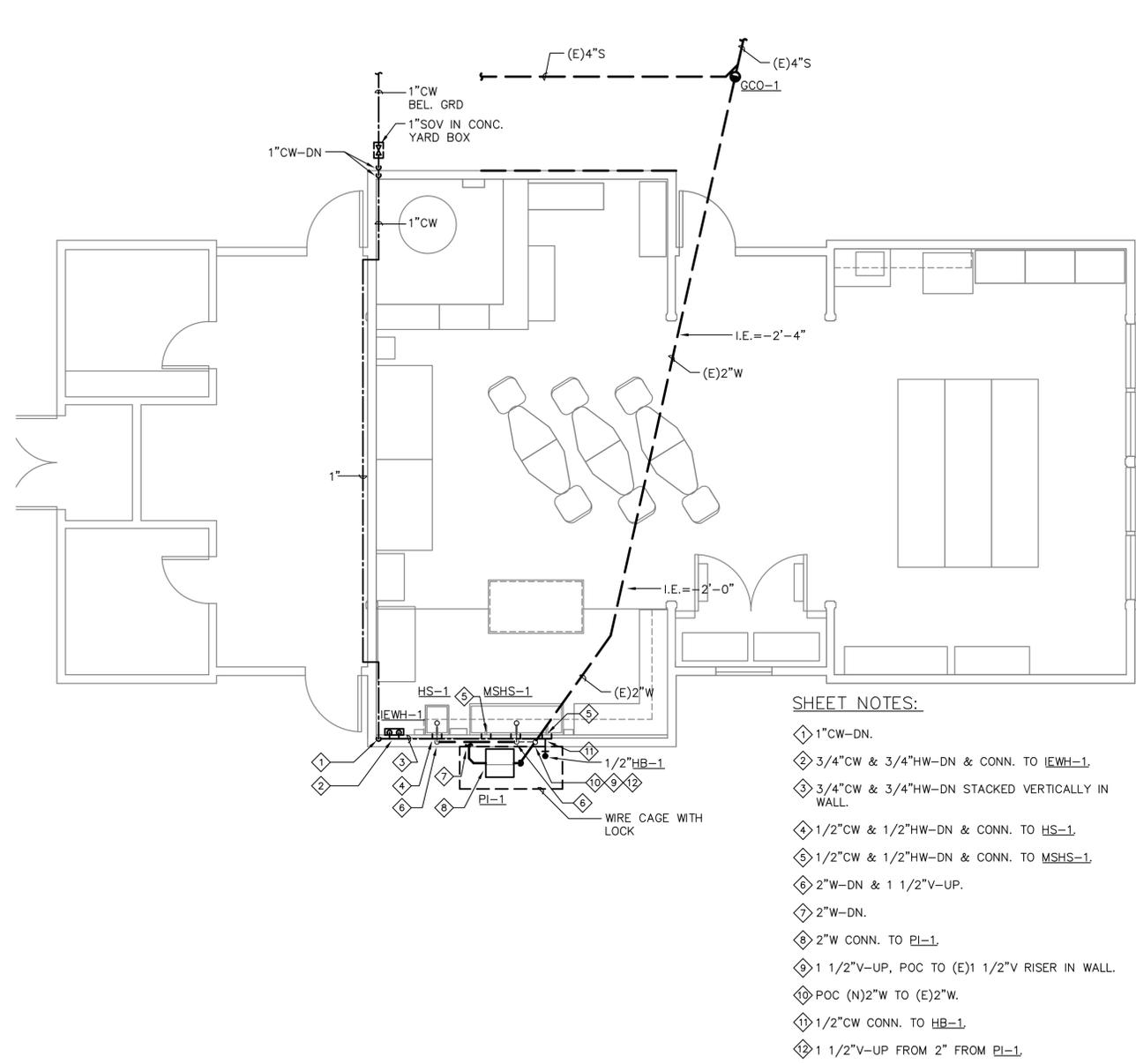
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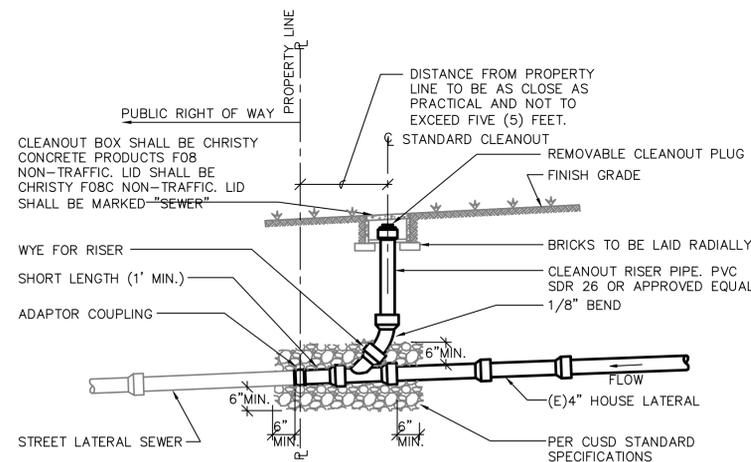
PARTIAL UTILITY SITE PLAN

1/8" = 1'-0"



ENLARGED BUILDING PLAN

1/4" = 1'-0"



SANITARY SEWER LATERAL CLEANOUT DETAIL

NOT TO SCALE

SHEET NOTES:

- 1 1" CW-DN.
- 2 3/4" CW & 3/4" HW-DN & CONN. TO IEWH-1.
- 3 3/4" CW & 3/4" HW-DN STACKED VERTICALLY IN WALL.
- 4 1/2" CW & 1/2" HW-DN & CONN. TO HS-1.
- 5 1/2" CW & 1/2" HW-DN & CONN. TO MSHS-1.
- 6 2" W-DN & 1 1/2" V-UP.
- 7 2" W-DN.
- 8 2" W CONN. TO PI-1.
- 9 1 1/2" V-UP, POC TO (E) 1 1/2" V RISER IN WALL.
- 10 POC (N) 2" W TO (E) 2" W.
- 11 1/2" CW CONN. TO HB-1.
- 12 1 1/2" V-UP FROM 2" FROM PI-1.

NOTES:

1. 2% MINIMUM PIPE SLOPE (TYPICAL).
2. LATERAL SEWER CLEANOUT TO BE SAME SIZE AS LATERAL SEWER.
3. AT LEAST 6-INCH CLEARANCE BETWEEN VALVE CAP AND INSIDE OF BOX.
4. CONNECT HOUSE LATERAL TO EXISTING STREET LATERAL WITH MISSION CLAY OR FERNCO "SHEAR-RING", "ARC SHIELDED" OR APPROVED EQUAL (TYPICAL).
5. STAMP OR GRIND FACE OF CURB WITH "S" WHERE LATERAL PASSES UNDER CURB, IF NOT PRESENT.
6. INSPECTION CONTACT
 - a. CONTACT DISTRICT OFFICE FOR LATERAL/CLEANOUT LOCATION AT (408)253-7071.
 - b. NOTIFY DISTRICT INSPECTOR 48 HOURS PRIOR TO CONSTRUCTION.
 - c. CONTACT DISTRICT INSPECTOR FOR VISUAL INSPECTION PRIOR TO BACKFILLING FOR FINAL APPROVAL.
 - d. FINAL INSPECTION CONSISTS OF CLOSED CIRCUIT VIDEO INSPECTION OF POINT OF CONNECTION AND LOWER LATERAL TO CONFIRM DEBRIS HAVE NOT ENTERED.

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WILSON PARK RENOVATIONS
Recreation Building and
Baseball Park Improvements
Wilson Park
Cupertino, CA

Floor Plans

CHECK BY: _____
JOB NO: 1501

P.1

File: M:\15595-02_Wilson_Park\01E1.0_Legend_Drawing_index.dwg, 7/24/2015 2:33 PM, Last saved: Vuong, PlotDate: 7/24/2015 3:09 PM By: Vuong Mei, Plot scale: 1:1, Plot Size: ARCH expand D (24.00 x 36.00 inches)
Xrefs: LABEL 02E-Board_Wilson

GENERAL NOTES

- THE COMPLETE ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE LATEST RULES AND REGULATIONS OF THE SAFETY ORDERS ISSUED BY THE DIVISION OF INDUSTRIAL SAFETY, THE NATIONAL FIRE PROTECTION ASSOCIATION AND ALL APPLICABLE STATE AND LOCAL CODES ISSUED BY AUTHORITIES HAVING JURISDICTION.
- THE CONTRACTOR, PRIOR TO BIDDING, SHALL VISIT THE JOB SITE TO BECOME ACQUAINTED WITH THE EXISTING INSTALLATION AND SYSTEMS RELATED TO HIS WORK AND SHALL INCLUDE IN THE BID PROPOSAL ALL LABOR AND MATERIALS REQUIRED FOR THE ELECTRICAL INSTALLATION TO BE COMPLETE AND OPERATIVE.
- THE CONTRACTOR SHALL CONSULT THE ARCHITECTURAL, MECHANICAL AND OTHER DRAWINGS RELATED TO THIS PROJECT FOR ADDITIONAL WORK TO BE PROVIDED.
- ALL FEEDER AND BRANCH CIRCUIT CONDUITS SHALL BE INSTALLED CONCEALED IN FINISHED AREA, UNLESS OTHERWISE NOTED.
- ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE LISTED BY UNDERWRITER'S LABORATORIES AND BEAR THEIR LABEL.
- WHERE PERMITTED, SURFACE TYPE RACEWAY SYSTEM SHALL BE INSTALLED PARALLEL TO, OR AT RIGHT ANGLES TO BUILDING LINES.
- CONDUIT ROUTING SHOWN IS ESSENTIALLY DIAGRAMMATIC. CONTRACTOR SHALL LAYOUT RUNS TO SUIT FIELD CONDITIONS AND THE COORDINATION REQUIREMENTS OF OTHER TRADES. ALL EXPOSED CONDUIT, BOXES, FITTINGS, SUPPORT, ETC. SHALL BE PAINTED TO MATCH ADJACENT SURFACES.
- UNLESS OTHERWISE INDICATED, THE MINIMUM SIZE OF CONDUCTORS SHALL BE #12 AWG THWN OR THHN COPPER ONLY.
- UNLESS OTHERWISE INDICATED, THE MINIMUM SIZE OF CONDUIT SHALL BE 3/4" EMT.
- GREEN INSULATED GROUND CONDUCTORS SHALL BE INSTALLED IN ALL FEEDER AND BRANCH CIRCUIT WIRING. A SHARED NEUTRAL CONDUCTOR OF ONE SIZE LARGER THAN THE PHASE CONDUCTORS SHOWN SHALL BE PROVIDED FOR RECEPTACLE CIRCUITS, U.O.N.
- THE CONTRACTOR SHALL BE HELD FULLY RESPONSIBLE FOR THE PROPER RESTORATION OF ALL EXISTING SURFACES REQUIRING PATCHING, PLASTERING PAINTING AND/OR OTHER REPAIRS DUE TO THE INSTALLATION OF ELECTRICAL WORK UNDER THIS CONTRACT. CLOSE ALL OPENINGS, REPAIR ALL SURFACES, ETC., AS REQUIRED. THIS SHALL INCLUDE ALL WALLS, CEILINGS, ROOFS, PAVEMENT PLANTERS, ETC.
- THE CONTRACTOR SHALL EMPLOY QUALIFIED AND EXPERIENCED WORKMEN FOR THIS WORK. ALL RESTORATION WORK SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND/OR OWNER.
- THE CONTRACTOR SHALL PROVIDE TYPEWRITTEN DIRECTORIES FOR ALL ELECTRICAL PANELS INVOLVED IN THIS PROJECT. THE PANEL DIRECTORIES SHALL REFLECT THE AS BUILT CIRCUITS. ONE COPY OF THE SCHEDULE SHALL BE TAPED TO THE INSIDE OF THE PANEL DOOR, AND ONE COPY SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE AS AN "AS-BUILT" DRAWING.
- ELECTRICAL EQUIPMENT AND FEEDERS SHALL BE SUPPORTED AND/OR ANCHORED IN ACCORDANCE WITH THE 2010 CBC SEISMIC REQUIREMENTS.
- THE CONTRACTOR SHALL MAINTAIN AT THE JOB SITE, AN UP TO DATE "AS-BUILT" DRAWING SET. THE "AS-BUILT" DRAWING SET SHALL REFLECT ALL APPROVED CHANGES TO THE DESIGN DRAWINGS. THE "AS-BUILT" DRAWING SET SHALL BE KEPT CLEAN AND IN GOOD CONDITION AND SHALL BE TURNED OVER TO THE OWNER AT THE COMPLETION OF THE PROJECT.
- UPON COMPLETION OF HIS WORK, THE CONTRACTOR SHALL SCHEDULE AND PERFORM A COMPLETE FUNCTIONAL TEST TO DEMONSTRATE TO THE OWNER THAT THE NEW INSTALLATION IS OPERATING AS INTENDED. ANY DEFECTS OR DEFICIENCIES IN THE MATERIALS OR WORK SHALL BE CORRECTED IMMEDIATELY BY AND AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL REQUIRED ELECTRICAL PERMIT AND INSPECTION.
- THE SUBMISSION OF A BID OR PROPOSAL SHALL BE CONSIDERED AS CONCLUSIVE EVIDENCE THAT THE CONTRACTOR IS THOROUGHLY FAMILIAR WITH THE INTENT OF THE CONTRACT DOCUMENTS, AND NO CHANGE ORDER WILL BE ISSUED FOR ANY ADDITIONAL LABOR OR MATERIAL REQUIRED TO RECTIFY ANY DISCREPANCY DISCOVERED OR REPORTED TO THE ENGINEER AFTER THE EXECUTION OF THE CONTRACT.

LEGEND

LIGHT FIXTURES

- WALL MOUNTED FLUORESCENT LIGHT FIXTURE
- CEILING MOUNTED FLUORESCENT LIGHT FIXTURE
- RECESSED ROUND DOWNLIGHT FIXTURE. (SHADED INDICATES FIXTURE WITH EMERGENCY BALLAST)
- EXTERIOR WALL MOUNTED FIXTURE
- POST TOP LUMINAIRE
- WALL SCONCE
- ILLUMINATED EXIT SIGN AND JUNCTION BOX, CEILING, WALL MOUNTED, SHADED PORTION INDICATES FACE(S) ON SIGN, ARROW INDICATES DIRECTIONAL ARROWS IN FACE.
- EMERGENCY LIGHTS
- AIRCRAFT CABLE SUSPENDED INDIRECT FLUORESCENT LIGHT FIXTURE
- 2' X 4' CEILING MOUNTED FLUORESCENT FIXTURE AND BOX
- 2' X 4' CEILING MOUNTED FLUORESCENT FIXTURE AND BOX
- 1'X4' FLUORESCENT LIGHT FIXTURE
- 2' X 2' FLUORESCENT LIGHT FIXTURE
- WALL MOUNTED FLUORESCENT FIXTURE AND BOX
- CEILING MOUNTED STRIPLIGHT AND BOX
- CEILING MOUNTED LIGHT FIXTURE AND BOX
- CEILING MOUNTED LIGHT FIXTURE AND BOX
- RECESSED MOUNTED LIGHT FIXTURE AND BOX
- DT-305 LOW VOLTAGE OCCUPANCY SENSOR

DEVICES AND EQUIPMENT

- DUPLEX RECEPTACLE, FLUSH MOUNTED, NEMA 5-20R, 20 AMP, 125V, +18" AFF UON. SUBSCRIPT "GFI" DENOTES WITH GROUND FAULT CIRCUIT INTERRUPTER WHERE INDICATED ON PLAN
- DUPLEX RECEPTACLE, FLUSH MOUNTED, NEMA 5-20R, 20 AMP, 125V, +18" AFF UON
- DUPLEX RECEPTACLE, FLUSH MOUNTED, NEMA 5-20R, 20 AMP, 125V, MOUNTED +4" ABOVE COUNTER BACK SPLASH.
- DUPLEX RECEPTACLE, CEILING MOUNTED, NEMA 5-20R, 20 AMP, 125V
- SIMPLEX RECEPTACLE, WALL MOUNTED, NEMA 5-20R, 20 AMP, 125V
- SIMPLEX RECEPTACLE, WALL MOUNTED, NEMA 5-50R, 50 AMP, 125V
- TWISTLOCK RECEPTACLE, FLUSH MOUNTED, NEMA L5-30, 30 AMP, +18" A.F.F. UON
- TWISTLOCK RECEPTACLE, FLUSH MOUNTED, NEMA L5-20, 20 AMP, +18" A.F.F. UON
- SURFACE MOUNTED PLUGHOLD
- TELEPHONE OUTLET, +18" A.F.F. UON
- DATA OUTLET, +18" A.F.F. UON
- JUNCTION BOX, LOCATE IN AN ACCESSIBLE LOCATION, CEILING MOUNTED, WALL MOUNTED +18" AFF UON
- MOTOR OUTLET AND CONNECTION, MOTOR FURNISHED BY OTHERS, CONNECTED BY ELECTRICAL.
- GROUND ROD
- HEAVY DUTY NON-FUSED DISCONNECT SWITCH, SEE DWGS FOR EXACT TYPE AND SIZE, HORSEPOWER RATED, +48" AFF UON
- HEAVY DUTY FUSED DISCONNECT SWITCH, SEE DWGS FOR EXACT TYPE AND SIZE. SIZE FUSES PER EQUIPMENT MANUFACTURERS NAMEPLATE, +48" AFF UON
- GROUND, SIZE PER NEC UON
- 120/208V ELECTRICAL PANELBOARD, FLUSH, 6"-6" TO TOP OF PANEL
- 120/240V ELECTRICAL PANEL BOARD, SURFACE, 1ø, 3W
- ELECTRICAL PANEL BOARD, 277/480V, 3ø, 4W
- EXTERIOR WALL MOUNTED FIXTURE AND BOX

LIGHT FIXTURE SWITCHING DEVICES

- SINGLE POLE SWITCH AND BOX, 20A/277V, LOWER CASE LETTER INDICATES CIRCUIT OR LAMPS CONTROLLED BY SWITCH, +48"
- THREE WAY SWITCH AND BOX, 20A/277V, +48"
- FOUR WAY SWITCH AND BOX, 20A/277V, +48"

LEGEND (CONTINUATION)

FIRE ALARM DEVICES AND EQUIPMENT

- FIRE ALARM CONTROL PANEL
- FIRE ALARM TERMINAL CABINET
- DUAL INTERFACE MODULE
- SINGLE INTERFACE MODULE
- DUCT SMOKE DETECTOR
- SMOKE DETECTOR
- COMBINATION HEAT/SMOKE DETECTION
- COMBINATION SMOKE DETECTOR AND CARBON MONOXIDE.
- MANUAL PULL STATION, +48" AFF
- MINI HORN, +90" AFF
- FIRE ALARM AUDIO UNIT (OUTDOOR HORN), +10'-0" AFF
- STROBE 15CD, UNLESS OTHERWISE NOTED, +80" AFF
- COMBINATION HORN/STROBE, +80" AFF
- COMBINATION HORN/STROBE, CEILING MOUNTED
- STROBE 15CD, UNLESS OTHERWISE NOTED, CEILING MOUNTED
- TAMPER SWITCH
- FLOW SWITCH
- FIRE ALARM BELL +90" AFF
- END OF LINE DEVICE
- END OF LINE RESISTOR
- FAN COIL UNIT NUMBER

SECURITY SYSTEM

- SECURITY MOTION SENSOR, CEILING MOUNTED
- SECURITY KEY PAD
- SECURITY SYSTEM PANEL

CONDUIT AND WIRING

- RACEWAYS AND DEVICES WITH HASH MARKS INDICATE ITEMS TO BE REMOVED.
- LIGHTED EXIT SIGN SYSTEM CONDUIT
- CONDUIT WITH WIRES, CONCEALED ABOVE CEILING OR IN WALL IN FINISHED AREA, EXPOSED IN UNFINISHED AREA UNLESS OTHERWISE NOTED.
- CONDUIT WITH WIRES, CONCEALED UNDERGROUND UON
- CONDUIT WITH #12 AWG WIRES (U.O.N.), HOMERUN TO PANELBOARD
- CIRCUIT IDENTIFICATION: IN THIS CASE, PANEL "A", CIRCUITS "1" AND "3"
- FLEXIBLE WIRING AND EQUIPMENT CONNECTION
- CONDUIT DOWN
- CONDUIT UP
- CONDUIT STUB OUT

IDENTIFICATION TAGS

- DETAIL IDENTIFICATION TAG, SEE DETAIL 1 OF DRAWING E-2.0
- SHEET NOTE IDENTIFICATION TAG, SEE SHEET NOTE 1
- MECHANICAL EQUIPMENT IDENTIFICATION TAG, SEE MECHANICAL DRAWINGS.

DRAWING INDEX

- E-1.0 GENERAL NOTES, LEGEND, ABBREVIATIONS AND DRAWING INDEX
- E-2.0 ELECTRICAL - SITE PLAN
- E-3.0 POWER AND LIGHTING PLANS (REMOVAL WORK)
- E-3.1 POWER AND LIGHTING PLANS (NEW WORK)
- E-4.0 REMOVAL WORK - DETAILS
- E-5.0 NEW WORK - DETAILS

ABBREVIATIONS

- | | | |
|----------|--------------------------------------|--------|
| A | AMP | AMPERE |
| AFF | ABOVE FINISHED FLOOR | |
| BRKR | BREAKER | |
| C | CONDUIT | |
| CBC | CALIFORNIA BUILDING CODE | |
| CEC | CALIFORNIA ELECTRICAL CODE | |
| CLG | CEILING | |
| CKT | CIRCUIT | |
| CO | CONDUIT ONLY WITH PULL ROPE | |
| DIA. | DIAMETER | |
| DISC | DISCONNECT | |
| DP | DISTRIBUTION PANEL | |
| (E) | EXISTING TO REMAIN | |
| (ER) | EXISTING TO BE RELOCATED | |
| FS | FLOW SWITCH | |
| (G), GND | GROUND | |
| GFCI | GROUND FAULT CIRCUIT INTERRUPTER | |
| HP | HORSEPOWER | |
| HT | HEIGHT | |
| IG | ISOLATED GROUND | |
| KVA | KILOVOLT-AMPERE | |
| KW | KILOWATT | |
| MAX | MAXIMUM | |
| MIN | MINIMUM | |
| (N) | NEW | |
| NL | NIGHT LIGHT | |
| NTS | NOT TO SCALE | |
| NEC | NATIONAL ELECTRICAL CODE | |
| NFPA | NATIONAL FIRE PROTECTION ASSOCIATION | |
| OS | OCCUPANCY SENSOR | |
| PH, ø | PHASE | |
| PNL | PANEL | |
| (R) | EXISTING TO BE REMOVED | |
| (RE) | RELOCATED EXISTING | |
| RSC | RIGID STEEL CONDUIT | |
| SWS | SMARTWIRED SWITCHING SYSTEM | |
| SWBD | SWITCHBOARD | |
| TS | TAMPER SWITCH | |
| TYP | TYPICAL | |
| UON | UNLESS OTHERWISE NOTED | |
| V | VOLT | |
| W | WATT | |
| WP | WEATHERPROOF | |
| XFMR | TRANSFORMER | |

NOTE:
SYMBOLS AND ABBREVIATIONS LISTED ARE FOR GENERAL USE. DISREGARD THOSE WHICH ARE NOT USED ON THE DRAWINGS.



BID SET (7/30/15)

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FAX (408) 986-9627
PROJECT NO. 15595-02

NO.	DATE/REVISION
1	07-30-15 BID SET

WILSON PARK RENOVATIONS
Recreation Building and
Baseball Park Improvements
Wilson Park
Cupertino, CA

GEN. NOTES,
LEGEND, ABB.
& DWG. INDEX
CHECK BY:
JOB NO: 1501

E-1.0

(E) PG&E SERVICE BOX

SHEET NOTES:

- ① FOR WORK IN THIS AREA, REFER TO PG&E DWG. 31159558. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH PG&E STANDARDS.
- ② (E) SERVICE BOX BEING REPLACED BY PG&E WITH (N) PULL BOX 24" x 36" x 26"D.
- ③ PROVIDE (N) SECONDARY SPLICE BOX 24" x 36" x 26"D.
- ④ PROVIDE (N) 4" PVC (SERVICE, 120/240V). CONDUCTORS BY PG&E.
- ⑤ PROVIDE (N) 3" PVC (SERVICE, 120/240V). CONDUCTORS BY PG&E.

SERVICE METER / MAIN ENCLOSURE AND PANEL BOARD

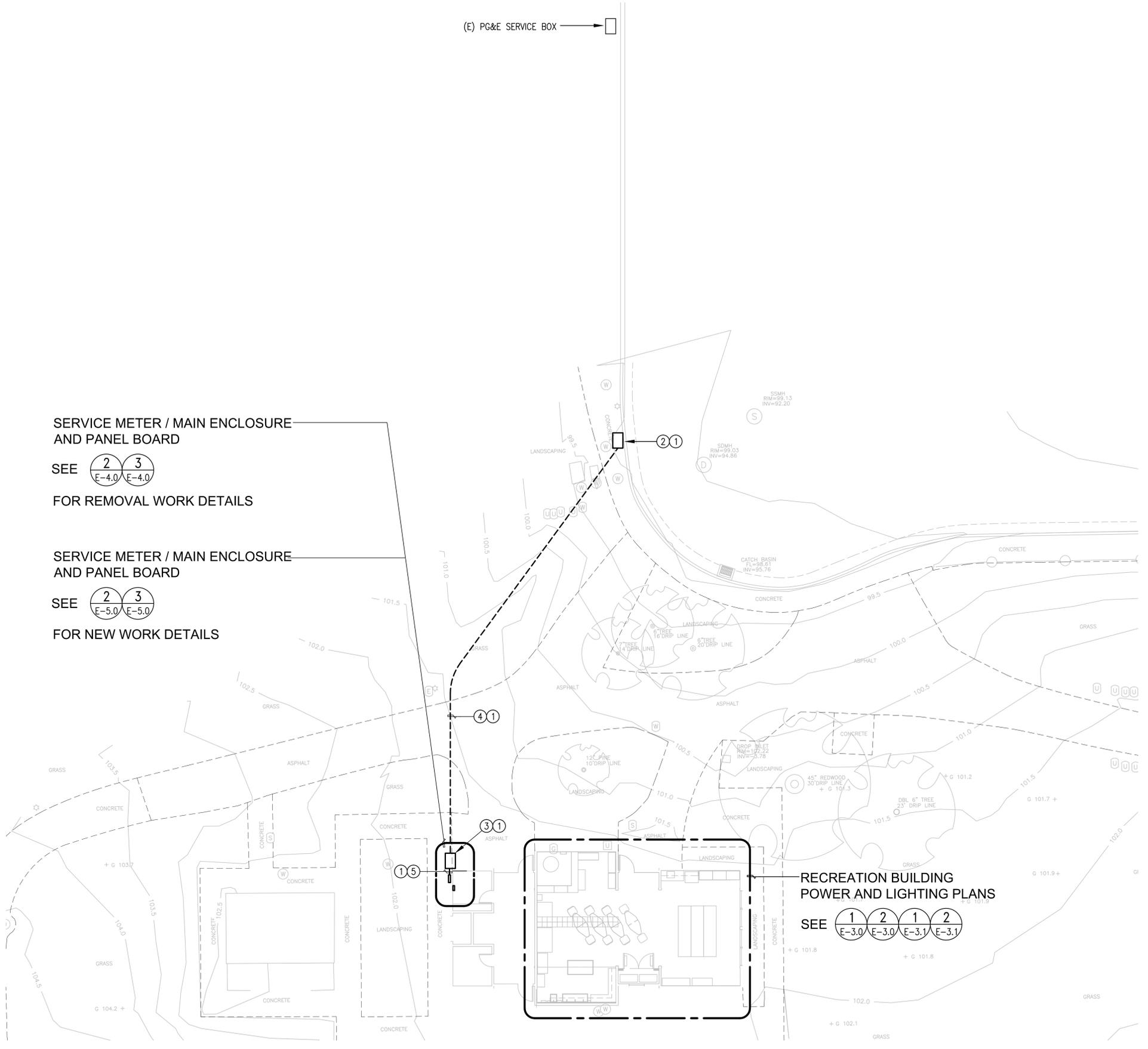
SEE $\frac{2}{E-4.0}$ $\frac{3}{E-4.0}$

FOR REMOVAL WORK DETAILS

SERVICE METER / MAIN ENCLOSURE AND PANEL BOARD

SEE $\frac{2}{E-5.0}$ $\frac{3}{E-5.0}$

FOR NEW WORK DETAILS



1
ELECTRICAL - SITE PLAN
SCALE: 1" = 10'-0"



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PROJECT NO. 15595-02

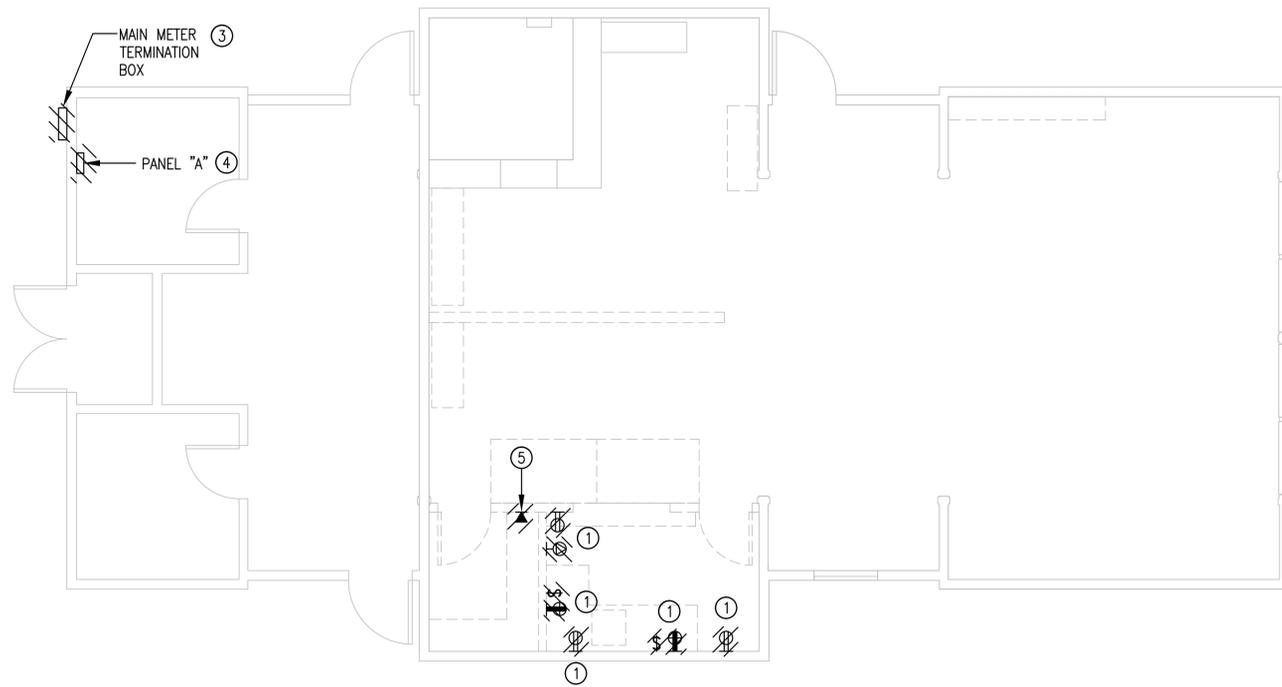
NO.	DATE/REVISION
02-16-15	APPENDIX #1

WILSON PARK RENOVATIONS
Recreation Building and
Baseball Park Improvements
Wilson Park
Cupertino, CA

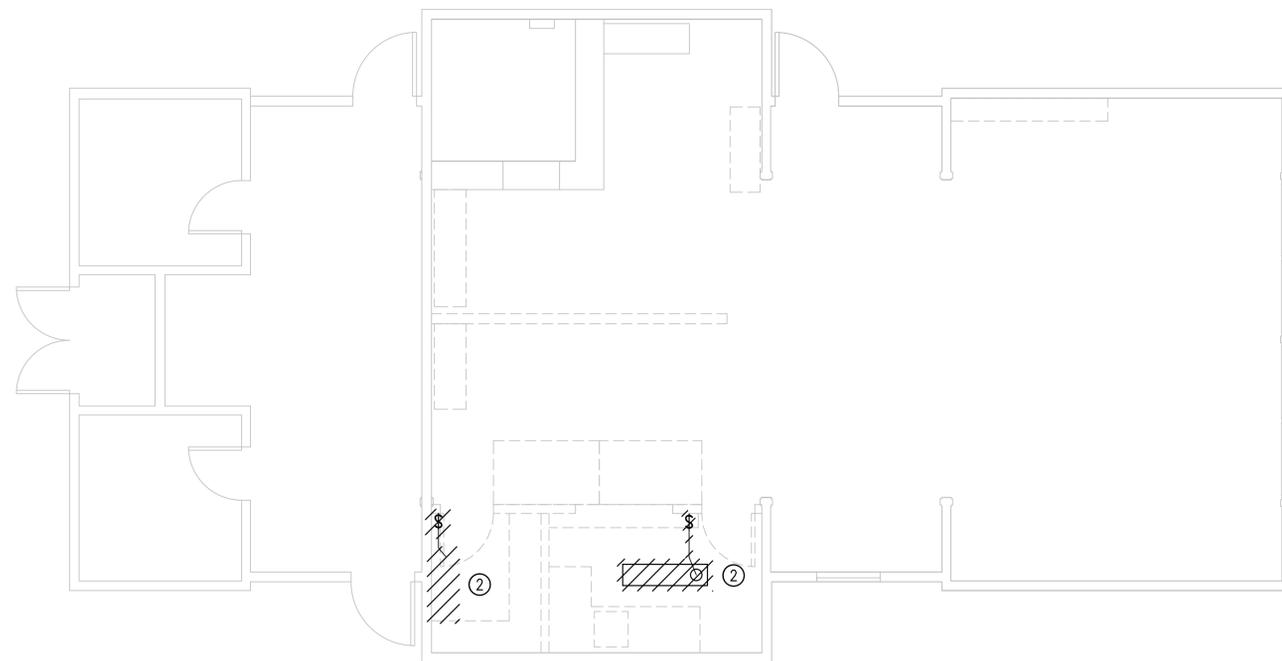
Electrical
Site Plan
CHECK BY:
JOB NO. 1501

E-2.0

File: M:\15595-02_Wilson_Park\01E3.0_Power-lighting-Demolition.dwg, 7/24/2015 2:33 PM, Last saved: Vuong, PlotDate: 7/24/2015 3:10 PM By: Vuong Mai, Plot scale: 1:1, Plot Size: ARCH expand D (24.00 x 36.00 Inches)
 Xrefs: LABEL 02E-02E-02E-Wilson xpalm_1501wilson rec



1
 POWER PLAN - REMOVAL WORK
 SCALE: 1/4" = 1'-0"



2
 LIGHTING PLAN - REMOVAL WORK
 SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. ALL ELECTRICAL ITEMS ARE EXISTING TO REMAIN, U.O.N.
2. DEMOLITION WORK SHALL BE PROVIDED AS REQUIRED TO ACCOMPLISH NEW WORK CALLED FOR AND AS NOTED. WORK SHALL BE PERFORMED CAREFULLY TO AVOID DAMAGE TO SURFACES, STRUCTURES, AND EQUIPMENT NOT BEING REMOVED. EXISTING EQUIPMENT AND/OR ELECTRICAL WIRING WHICH IS TO REMAIN, BUT HAS BEEN REMOVED TO FACILITATE THE INSTALLATION OF THE NEW EQUIPMENT, SHALL BE RESTORED TO ITS ORIGINAL OPERATING CONDITION.
3. THE CONTRACTOR SHALL REMOVE ALL ELECTRICAL ITEMS IN OR ON WALLS, AND CEILING WHICH WILL BE REMOVED FOR THE RENOVATION WORK OF THIS PROJECT. DISCONNECT COMPLETELY BEFORE START OF REMOVAL. PROVIDE BLANK COVERS WHEREVER DEVICE IS REMOVED AND OUTLET BOX REMAINS IN PLACE. WHERE EXISTING CONDUIT AND/OR CIRCUIT HAS BEEN INTERRUPTED BY REMOVAL OF AN OUTLET(S), WALL, OR PORTION OF THE CIRCUIT, THE REMAINING CONDUIT AND/OR CIRCUIT SHALL BE REROUTED, EXTENDED AND RECONNECTED AS REQUIRED TO PROVIDE CONTINUITY FOR THE CIRCUIT THAT IS TO REMAIN IN SERVICE.
4. WHERE OUTLETS ARE REMOVED AND/OR CONDUIT IS CUT OFF, ALL EXISTING CONDUCTORS SHALL BE REMOVED BACK TO THE NEXT OUTLET, JUNCTION BOX OR PANELBOARD THAT IS TO REMAIN.
5. CONTRACTOR SHALL CONFIRM CIRCUITS FEEDINGS ELECTRICAL DEVICES SHOWN ON THIS DRAWING. PROVIDE A MARKED-UP PRINT WITH CIRCUIT IDENTIFICATION TO THE CITY'S REPRESENTATIVE.

SHEET NOTES:

- ① DISCONNECT AND REMOVE ELECTRICAL DEVICE, INCLUDING CONDUIT AND WIRING BACK TO SOURCE OR NEAREST J-BOX OR RECEPTACLE THAT IS TO REMAIN IN PLACE.
- ② DISCONNECT AND REMOVE LIGHT FIXTURES, SWITCHES, AND WIRING IN THIS AREA. RETAIN (E) ELECTRICAL CIRCUITS TO THE EXTENT THEY CAN BE USED FOR THE NEW WORK. SEE DWG. E3.1 FOR NEW WORK.
- ③ (E) METER MAIN ENCLOSURE. SEE DETAIL 1/E-4.0 FOR REMOVAL WORK.
- ④ (E) ELECTRICAL PANEL. SEE DETAIL 2/E-4.0 FOR REMOVAL WORK.
- ⑤ TELEPHONE OUTLET. REMOVE WIRING BACK TO TELEPHONE BOX.



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 PROJECT NO. 15595-02

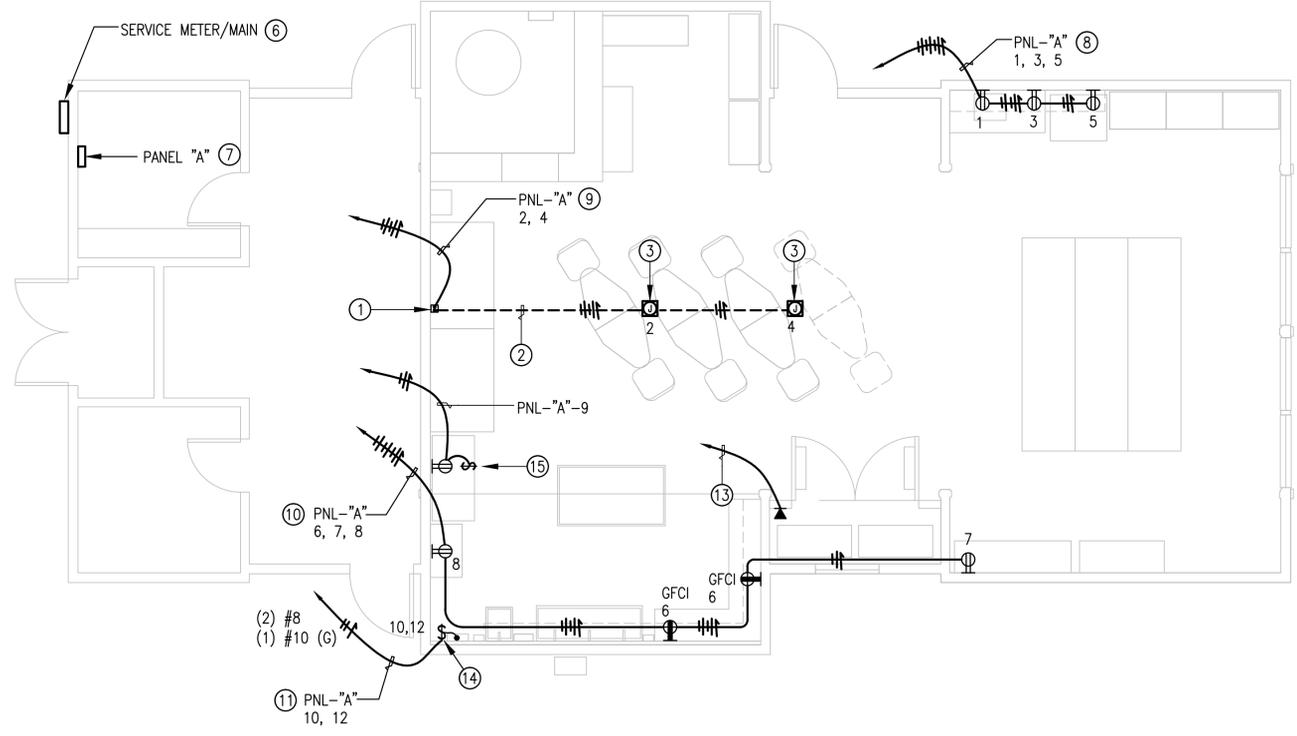
NO.	DATE/REVISION
1	07-30-15 BID SET

WILSON PARK RENOVATIONS
 Recreation Building and
 Baseball Park Improvements
 Wilson Park
 Cupertino, CA

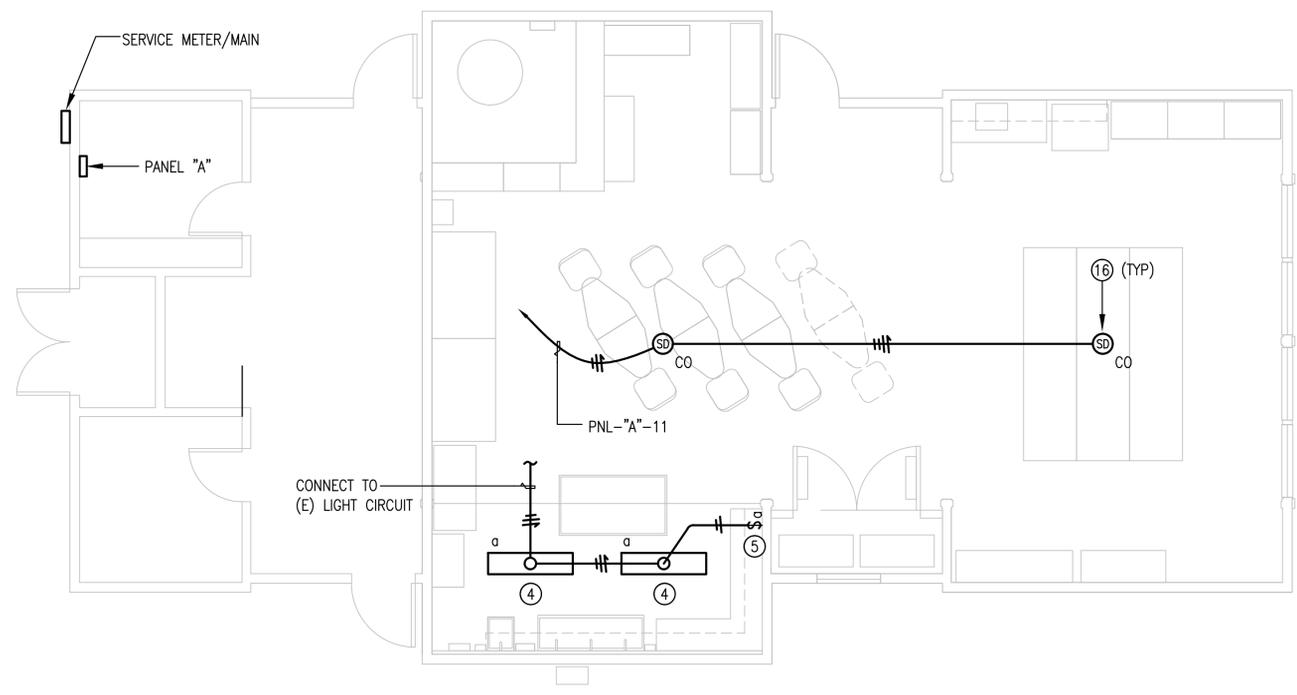
Power and
 Lighting Plans
 (Removal Work)
 CHECK BY:
 JOB NO: 1501

E-3.0

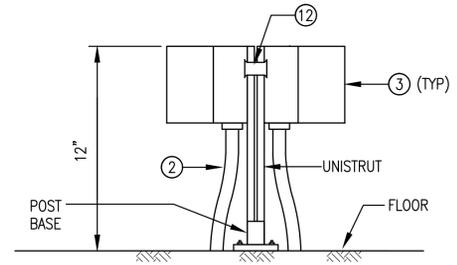
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 Xrefs: LABEL 02E-Board-Wilson xpkm_1501.wilson rec



1
 POWER PLAN - NEW WORK
 SCALE: 1/4" = 1'-0"



2
 LIGHTING PLAN - NEW WORK
 SCALE: 1/4" = 1'-0"



3
 RECEPTACLE STANCHION DETAILS
 N.T.S

GENERAL NOTES:

- REPAIR, PATCH AND PAINT ALL SURFACES DAMAGED BY THE INSTALLATION OF ALL CONCEALED OR SURFACE MOUNTED CONDUITS.

SHEET NOTES:

- PROVIDE (N) 4" SQUARE, WEATHER PROOF BOX WITH COVER.
- PROVIDE (N) 3/4" RSC 4 #10 (RECEPTACLE STANCHION) 1 #10 (G).
 SAW CUR 6" WIDE TRENCH AND INSTALL CONDUIT 12" BELOW FLOOR. SEE ARCHITECTURAL DRAWINGS FOR FLOOR REPAIR.
- PROVIDE (N) WEATHERPROOF, TWO GANG, 2" DEEP, 4 1/2" SQ. RECEPTACLE BOX MOUNTED ON P4101 UNISTRUT WITH END CAP AND 2 HOLE POST BASE. PROVIDE DUPLEX GFCI RECEPTACLE AND NON-METALLIC "WHILE-IN-USE COVER." ANCHOR UNISTRUT TO FLOOR WITH (2) 5/8" x 3" EXPANSION ANCHORS.
- PROVIDE (N) LIGHT FIXTURE, SURFACE MOUNT LIGHT FIXTURE: METALUX CAT. #WS-2-32-A-120V-EB8 CONTRACTOR TO VERIFY THE (E) LIGHTING CIRCUIT IN THIS ROOM AND RECONNECT TO THE (N) LIGHT FIXTURES.
- PROVIDE (N) LIGHT SWITCH FOR THIS ROOM AND CONNECT TO (N) LIGHT FIXTURES AS SHOWN ON PLAN.
- (N) SELF CONTAIN METER/MAIN. SEE DWG. E-5.0 FOR DETAILED INFORMATION.
- (N) ELECTRICAL PANEL "A". SEE DWG. E-5.0 FOR DETAILED INFORMATION.
- (N) HOMERUN WITH CKTS 1, 3, 5 TO THE (N) PANEL "A". SEE ALSO PANEL SCHEDULES ON DWG. E-5.0.
- (N) HOMERUN WITH CKTS 2, 4 TO THE (N) PANEL "A". SEE ALSO PANEL SCHEDULES ON DWG. E-5.0.
- (N) HOMERUN WITH CKTS 6, 7, 8 TO THE (N) PANEL "A". SEE ALSO PANEL SCHEDULES ON DWG. E-5.0.
- (N) HOMERUN WITH CKTS 10, 12 TO THE (N) PANEL "A". SEE ALSO PANEL SCHEDULES ON DWG. E-5.0.
- PROVIDE 3/4" NIPPLE.
- TELEPHONE BOX AND 1/2" EMT TO 12" BELOW CEILING.
- 40A/2P TOGGLE DISCONNECT SWITCH "LEVITON" CAT. No. MS402 IN 2-GANG BOX.
- PROVIDE (N) RECEPTACLE ADJACENT TO FAN (±10'-0") AND TOGGLE SWITCH AT +48" A.F.F. FOR FAN CONTROL.
- COMBINATION SMOKE DETECTOR AND CARBON MONOXIDE ALARM "KIDDE" MODEL KN-COSM-IBA, 120VAC INPUT WITH AA BATTERY BACKUP.



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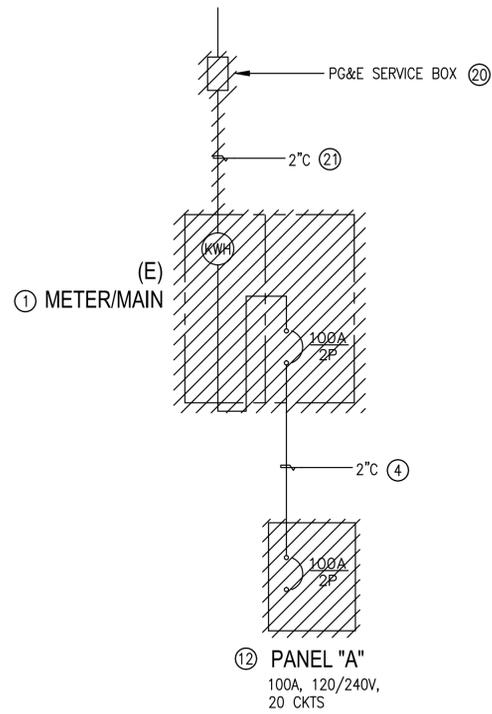
engineers, inc.
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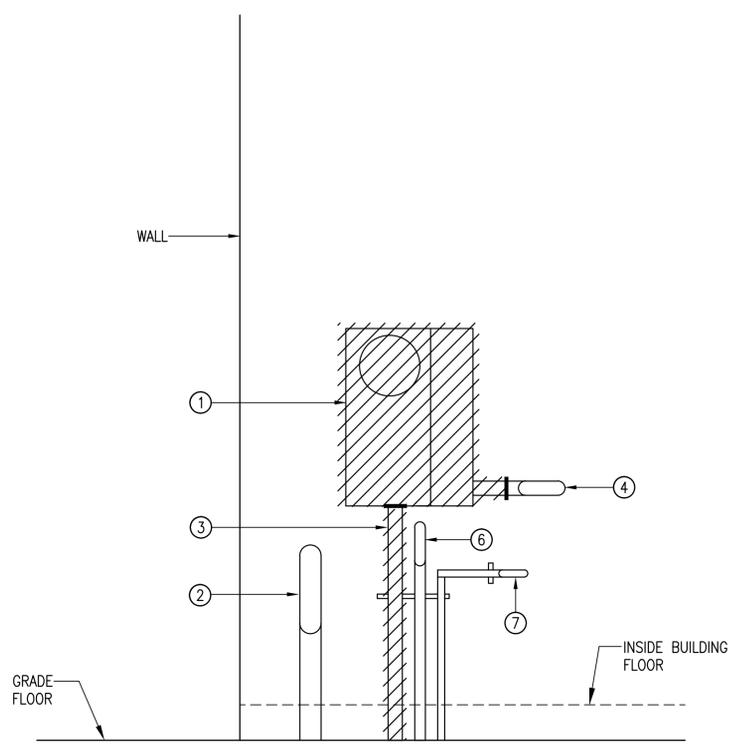
WILSON PARK RENOVATIONS
 Recreation Building and
 Baseball Park Improvements
 Wilson Park
 Cupertino, CA

Power and
 Lighting Plans
 (New Work)
 CHECK BY:
 JOB NO: 1501

E-3.1



1 SINGLE-LINE DIAGRAM - REMOVAL WORK
SCALE: 1" = 1'-0"



2 SERVICE METER/MAIN - REMOVAL WORK
SCALE: 1" = 1'-0"

(EXISTING)

ENCLOSURE NEMA 1, INTERRUPTING DUTY BREAKER 120/240 VOLT, 1 PHASE, 3 WIRE MOUNTING SURFACE, BREAKER - A, 100 A. MAIN BREAKER, 225 A. BUS

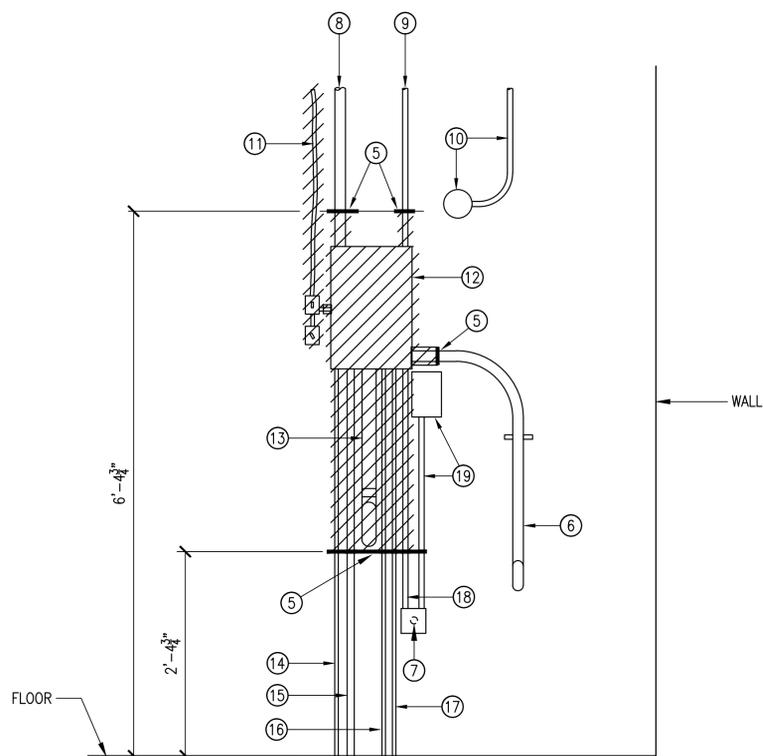
DESCRIPTION	LOADS/VA		BKR. POLE	CKT. NO.	PHASE	BKR. POLE	LOADS/VA		DESCRIPTION
	A	B					A	B	
RECEPTACLES	-	-	20/1	1	A	2	20/1	-	LIGHTS CEILING
	-	-	20/1	3	A	4	20/1	-	
	-	-	20/1	5	A	6	20/1	-	LIGHTS
	-	-	20/1	7	A	8	20/1	-	LIGHTS
	-	-	-	9	A	10	-	-	SPACE
KILN	-	-	80	11	A	12	20	-	AHU
	-	-	2	13	A	14	2	-	
RESTROOM	-	-	60	15	A	16	20/1	-	
	-	-	2	17	A	18	20/1	-	
SPARE	-	-	20/1	19	A	20	30/1	-	PARK LIGHTS
	-	-	-	21	A	22	-	-	
	-	-	-	23	A	24	-	-	
	-	-	-	25	A	26	-	-	
	-	-	-	27	A	28	-	-	
	-	-	-	29	A	30	-	-	
	-	-	-	31	A	32	-	-	
	-	-	-	33	A	34	-	-	
	-	-	-	35	A	36	-	-	
	-	-	-	37	A	38	-	-	
	-	-	-	39	A	40	-	-	
	-	-	-	41	A	42	-	-	

TOTAL: - KVA PANEL # "A" FEEDER SIZE WIRE SIZES

SEE ONE LINE DIAGRAM FOR CONDUIT & WIRE SIZES

NOTE 1

NOTE 1



3 ELECTRICAL PANEL - REMOVAL WORK
SCALE: 1" = 1'-0"

GENERAL NOTES:

- CONTRACTOR SHALL CONFIRM CIRCUITS FEEDINGS ELECTRICAL DEVICES SHOWN ON THIS DRAWING. PROVIDE A MARKED-UP PRINT WITH CIRCUIT IDENTIFICATION TO THE CITY'S REPRESENTATIVE.

SHEET NOTES:

- REMOVE EXISTING METER/MAIN. METER TO BE REMOVED BY PG&E. SEE DWG. E-5.0 FOR (N) METER/MAIN INSTALLATION.
- 3" CONDUIT TO REMAIN.
- 2" (SERVICE CONDUIT)
- 2" (SERVICE TO PANEL) TO REMAIN. REMOVE CONDUCTORS.
- REMOVE PORTION OF CONDUIT TO FACILITATE TERMINATION INTO (N) PANEL. RETAIN (E) CONDUCTORS AND PROTECT FROM DAMAGE.
- 1 1/2" (REST ROOM POWER PANEL) TO REMAIN.
- 1" (PARK LIGHTS) TO REMAIN.
- 1" (KILN PANEL) TO REMAIN.
- 3/4" (AC UNIT) TO REMAIN.
- EXISTING BOX AND CONDUIT TO REMAIN.
- REMOVE IDLE 1/2" WITH THERMOSTAT AND SWITCH. COORDINATING REMOVAL WITH CITY PERSONNEL.
- (E) ELECTRICAL PANEL. SEE DWG. E-5.0 FOR NEW PANEL INSTALLATION WORK.
- 2" (MAIN BREAKER). REMOVE WIRES, CONDUITS, AND LB. RETAIN CONDUIT THRU WALL FOR TERMINATION INTO (N) PANEL. SEE DWG. E-5.0 FOR THE NEW WORK INSTALLATION.
- 1/2" AND 3/4" (BEHIND) TO REMAIN.
- 1" (NOT USED) TO REMAIN.
- 1/2" AND 3/4" (BEHIND) TO REMAIN.
- 1/2" AND 3/4" (BEHIND) TO REMAIN.
- 3/4" TO REMAIN.
- RELOCATE THE TIMER AND ITS CONDUITS. SEE DWG. E-5.0 FOR THE NEW LOCATION.
- (E) PG&E SERVICE BOX TO BE REPLACE BY PG&E.
- (E) 2". PG&E TO REMOVE CONDUCTORS. SEE DWG. E-5.0 FOR (N) CONDUCTORS INSTALLATION BY PG&E.



BID SET (7/30/15)

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PROJECT NO. 15595-02

NO. DATE/REVISION
01-30-15
BID SET

WILSON PARK RENOVATIONS
Recreation Building and
Baseball Park Improvements
Wilson Park
Cupertino, CA

Removal Work
Details
CHECK BY:
JOB NO. 1501

E-4.0

NOTES

1. APPLICANT TO TRENCH ELEC ONLY
2. APPLICANT IS TO PROVIDE ALL ELECTRIC SUBSTRUCTURES AS SHOWN
3. APPLICANT IS TO PROVIDE MANDREL AND PERFORM MANDREL TEST WITH PG&E INSPECTOR STANDBY
4. THE TOTAL NUMBER OF BENDS INSTALLED IN ANY PRIMARY DUCT RUN SHALL NOT EXCEED 300 DEGREES. THE TOTAL NUMBER OF BENDS IN ANY SECONDARY DUCT RUN IN EXCESS OF 200 FEET SHALL NOT EXCEED 300 DEGREES. ANY SECONDARY DUCT RUN EQUAL TO OR LESS THAN 200 FEET IN LENGTH MAY CONTAIN UP TO A TOTAL OF 315 DEGREES IN BENDS.
5. APPLICANT IS RESPONSIBLE TO ENSURE TRENCHING AND SUBSTRUCTURE INSTALLATION MEET PG&E GREENBOOK STANDARDS. GREENBOOKS ARE AVAILABLE AT YOUR LOCAL PG&E HEADQUARTERS OR CAN BE FOUND ON THE INTERNET @ WWW.PGE.COM/GREENBOOK
6. FLAME RESISTANT (FR) CLOTHING IS REQUIRED WHEN WORKING ON OR AROUND PG&E FACILITIES AND EQUIPMENT. SEE PG&E GREENBOOK FOR ADDITIONAL DETAILS

10223

10233

NOTE: BOX TO BE REPLACED BY PG&E, COORDINATE TRENCHING WITH PG&E.

DEVELOPER NOTES

BEFORE BEGINNING SUBSTRUCTURE WORK, PLEASE CALL THE UNDERGROUND INSPECTOR AT LEAST 48 HOURS IN ADVANCE AT (408) 725-2202 OR FAX (408) 725-7773. (WORK NOT PROPERLY INSPECTED MAY BE REJECTED) IF THERE ARE ANY CONFLICTS BETWEEN SUBSTRUCTURES INSTALLATIONS AND LANDSCAPING CONTACT THE INSPECTOR PRIOR TO INSTALLATION.

LEGEND

- SV — (1) — 4" PVC SERVICE DUCT BY APPLICANT
- SV1 — (1) — 3" PVC SERVICE DUCT BY APPLICANT
- [3A] 24" X 36" X 26" IVT SECONDARY SPLICE BOX BY APPLICANT
- [3] 24" X 36" X 26" IVT SECONDARY SPLICE BOX BY PG&E
- [X] 13" X 24" X 18" IVT SECONDARY SPLICE BOX TO BE REMOVED BY PG&E

SAFETY

SAFETY PLEDGE

I ALWAYS PUT SAFETY FIRST.
I LOOK FOR AND ACT TO
RESOLVE UNSAFE SITUATIONS.
I HELP AND ENCOURAGE
OTHERS TO ACT SAFELY.



Underground Service Alert

Call: TOLL FREE

8 1 1

TWO WORKING DAYS BEFORE YOU DIG

PG&E GAS CONFLICTS IDENTIFIED FOR THIS PROJECT
GAS PLATS: Map# 3411-E3, 3411-E4

PG&E GAS FACILITIES IN CONFLICT WITH EXCAVATION AT LOC(S):
Loc # 1

PG&E GAS FACILITIES IN PROXIMITY WITH EXCAVATION AT LOC(S):
Loc. #

PROJECT CONDITIONS STAMP

Type(s) of Work:

New Business

PG&E Maintenance & Construction

Project Conditions:

NONE APPARENT (if project design changes, contact ADE) or

CONDITIONS APPLY:

PERMITS TAILBOARD OTHER

(Provide additional information on line below)

BY: _____
SIGNATURE, NAME, [CORPORATE ID], DATE

CO: _____

SD: _____

NOTIF.: 110374129

OTHER: _____

SHT: 1 OF 1 SHEETS

PM: 31159558 REV. _____

SUBSTRUCTURE DWG

CITY OF CUPERTINO
19784 WINTERGREEN DR
CUPERTINO

PACIFIC GAS AND ELECTRIC COMPANY

EST: I. ESTRADA

ADE: R. CHIU

SUPV: E. STRAUB

REP: S. PONCE

PLNR: _____

SCALE: 1"=30'

DATE: 6/24/15



LANDSCAPE ARCHITECTS

425 Pacific Street, Suite 201
Monterey, California 93940
831.646.1383 | www.bfsla.com

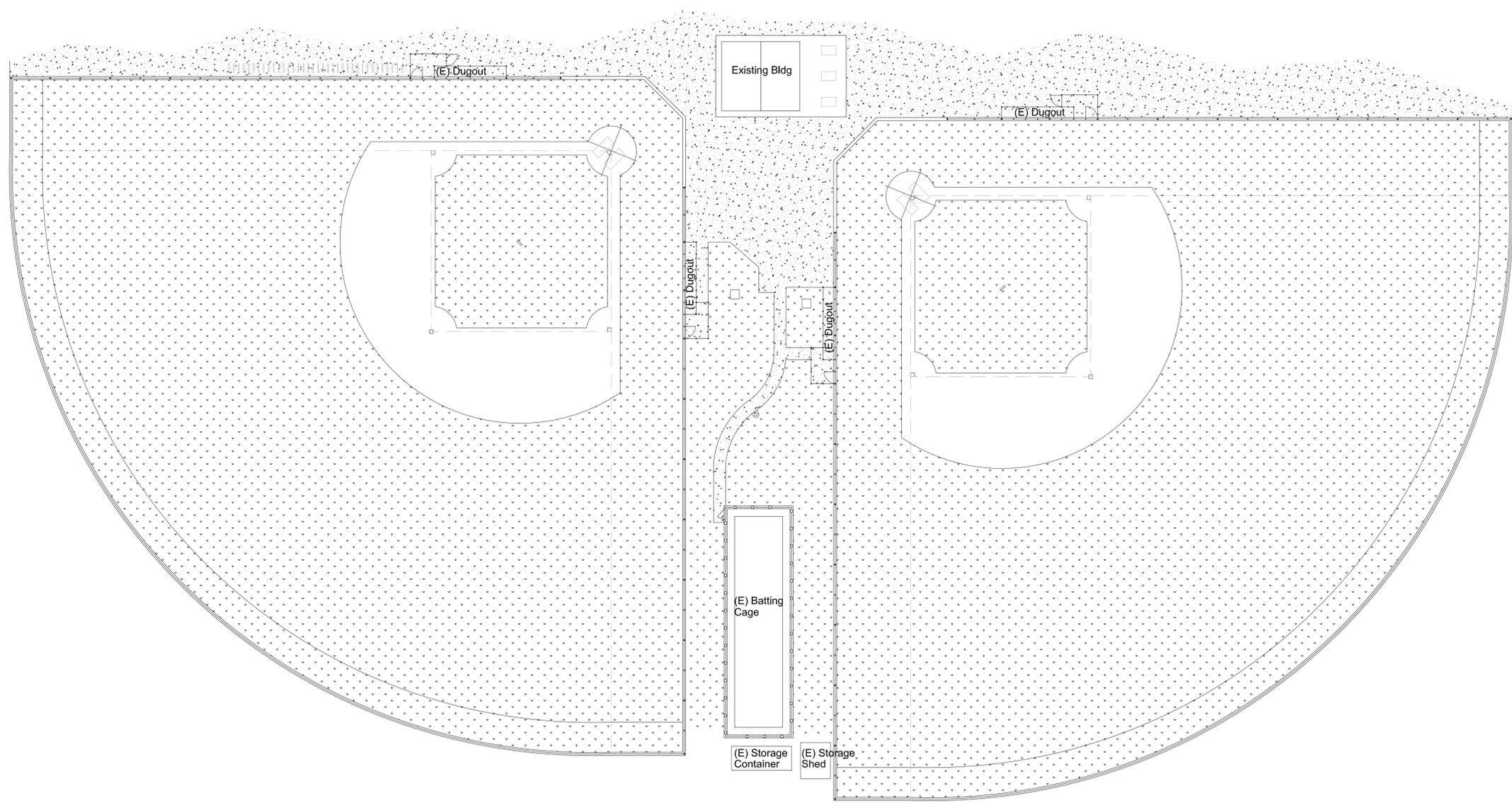
**Prodis Associates
Architects**
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GENERAL NOTES

1. Verify all existing conditions on site. Notify the Owner of any discrepancies.
2. **DISCLAIMER:** Existing conditions information has been compiled from as-built hardcopy plans and site visits. Consultant takes no responsibility for the accuracy of information shown, including any underground utilities. The Contractor is responsible for contacting utility companies prior to commencing construction, and requesting a visual verification of the locations of their underground utilities.

LEGEND

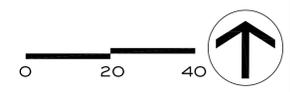
- Existing Concrete Paving
- Existing Lawn Area
- Existing Chainlink Fence and Conc Curb



NO.	DATE/REVISION
	BID SET: 7/30/15

WILSON PARK RENOVATIONS
Recreation Building and
Baseball Park Improvements
Wilson Park
Cupertino, CA

BFS Project #15.008
Existing
Conditions
Ballfields
CHECK BY:
JOB NO: 1501



L-1.2

GENERAL NOTES

1. Verify location of all utilities in field.
2. All items not indicated be demolished are to be preserved and protected. See Specs. Items include, but not limited to, trash cans, boulders, and signs.
3. See Irrigation Plan for trenching areas.

LEGEND

-  Asphalt paving and Base to be Demolished
-  Concrete Paving/Curbs and Base to be Demolished
-  Clear and Grub Planting
-  Sawcut AC / Concrete Paving
-  Demolish existing tree

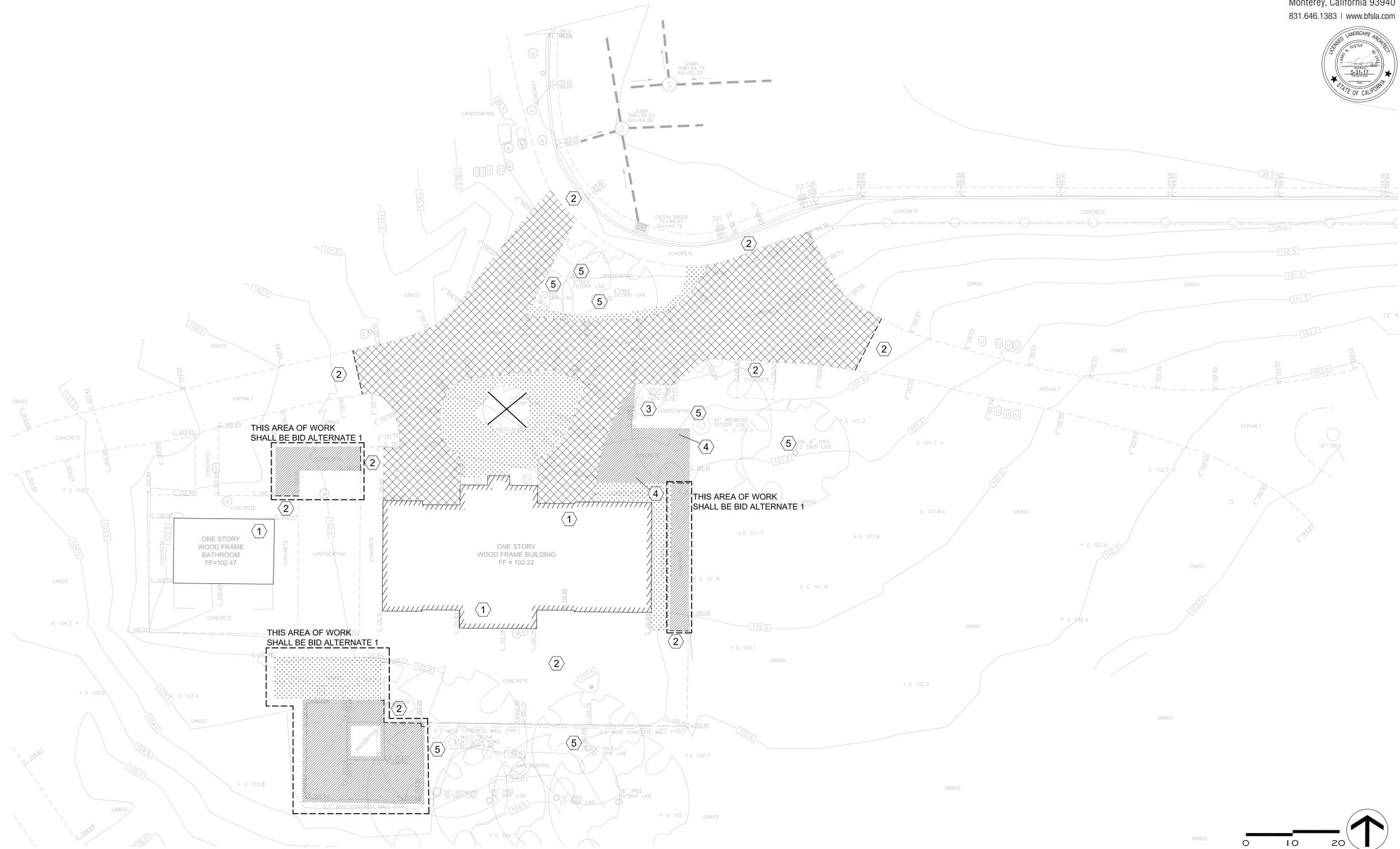
REFERENCE NOTES

-  1 Building and/or structure: Preserve and protect.
-  2 Existing paving: Preserve and protect.
-  3 Area drain / Curb drain: Preserve and protect.
-  4 Existing wood bench: Demolish.
-  5 Existing trees to remain: Preserve and protect.



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WILSON PARK RENOVATIONS
Recreation Building and
Baseball Park Improvements
Cupertino, CA
Wilson Park

BFS Project #15.008
Demolition Plan
Rec Building
CHECK BY:
JOB NO: 1501

L-2.1





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GENERAL NOTES

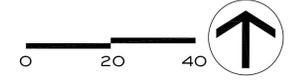
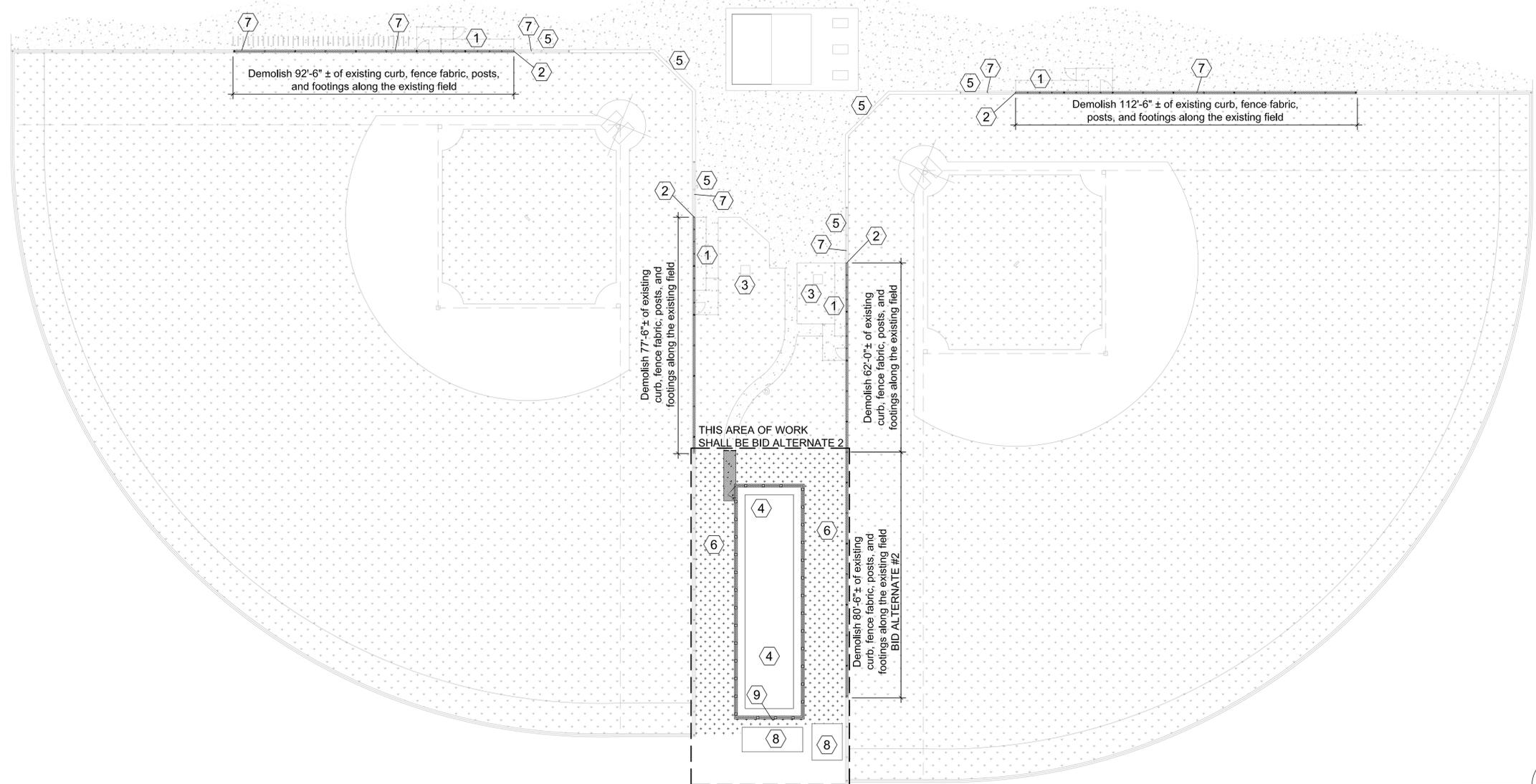
1. Verify location of all existing site items and utilities in field. Contractor shall notify the Owner of any discrepancies, prior to any demolition.
2. All items not indicated be demolished are to be preserved and protected. See Specifications for additional information.

LEGEND

- Existing concrete paving to remain: preserve and protect.
- Conc Paving and Base to be Demolished. BID ALTERNATE #2
- Clear and Grub Planting. BID ALTERNATE #2
- Conc Curb, Fence Fabric, Posts, and Footings to be Demolished
- Sawcut Concrete Paving. BID ALTERNATE #2

REFERENCE NOTES

- 1 Existing dugout: Preserve and protect roof, conc paving, fence posts and fabric on sides and back, and benches. See Construction Plan and Details for additional work.
- 2 Fence post: Preserve and protect.
- 3 Area drain: Preserve and protect.
- 4 Demolish existing batting cage, including chain link fencing, gates, netting, metal frame, curb, posts, and footings. BID ALTERNATE #2.
- 5 Existing backstop and 20' high side fence: Preserve and Protect.
- 6 Remove and Salvage any irrigation heads and valves within clear and grub area. Cap irrigation lines and valve risers as needed. See Construction Plan for additional work. BID ALTERNATE #2.
- 7 Existing curb drain conc structure, manhole, and outfall pipe: Preserve and Protect.
- 8 Relocate existing storage container and shed. See Construction Plan. BID ALTERNATE #2.
- 9 Demolish (E) duplex outlet, per all applicable electrical codes. See Construction Plan for new duplex outlet locations. BID ALTERNATE #2.



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 Baseball Park Improvements
 Wilson Park
 Cupertino, CA

BFS Project #15.008
Demolition Plan
 Ballfields
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GENERAL NOTES

1. Walking surfaces shall comply with CBC 11B-403 Walking Surfaces. Walkway slopes shall not exceed 4.9% in the direction of travel and 1.9% cross-slope.
2. Verify all existing utility lines and boxes are consistent with those shown on plan, prior to construction.

LEGEND

-  Concrete Paving: See Specs. See (1/L-5.1) EJ = Expansion Joint. See Specs. Other joints are Weakened Plane Joints UON, See Specs.
-  AC Paving. See Specs. See (3/L-5.1)
-  Pavers. See Specs. See (4/L-5.1)
-  Concrete Curb: See Specs. See (5/L-5.1) (6/L-5.1)
-  Backfill demolished area with topsoil to match existing finish grades, and 1" below adjacent paving. See 'Soil Prep' spec. BID ALTERNATE 1
-  Existing Elevation
-  Existing Spot Elevation
-  Proposed Spot Elevation
-  Finish Surface (Paving or DG)
-  Finish Grade
-  Proposed Contour
-  Verify in Field
-  Slope
-  Flush

REFERENCE NOTES

- 1 Planting area: See Planting Plan.
- 2 Adjust existing utility box elevations to new finish grades.
- 3 Relocate boulders for new planting area limits.
- 4 New 12" wide curb, to match existing. See (6/L-5.1)
- 5 New benches, 2 total, see specs.
- 6 New tables, 6 total, see specs. BID ALTERNATE 1
- 7 See Planting Plan for sod patch areas.



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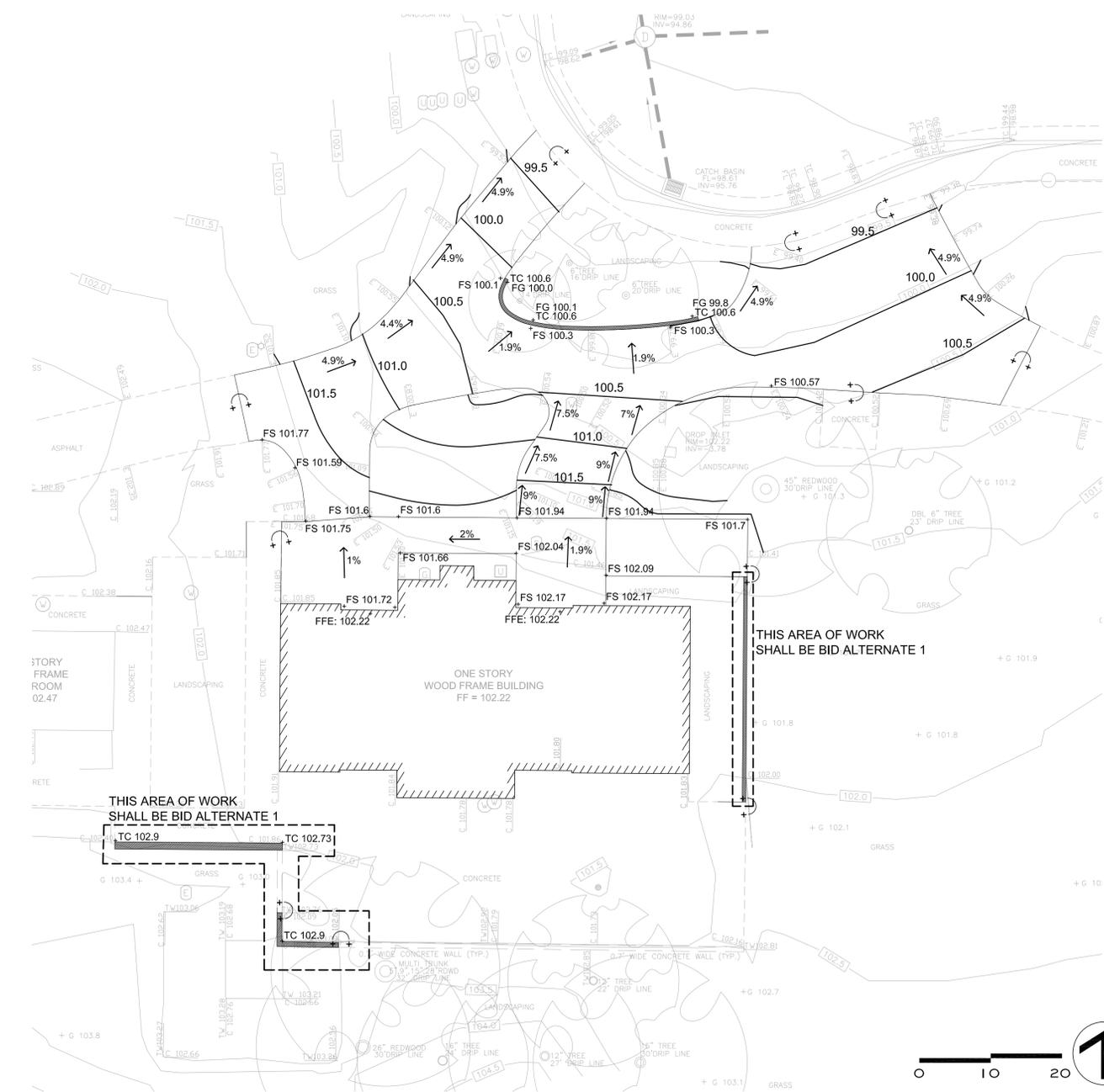
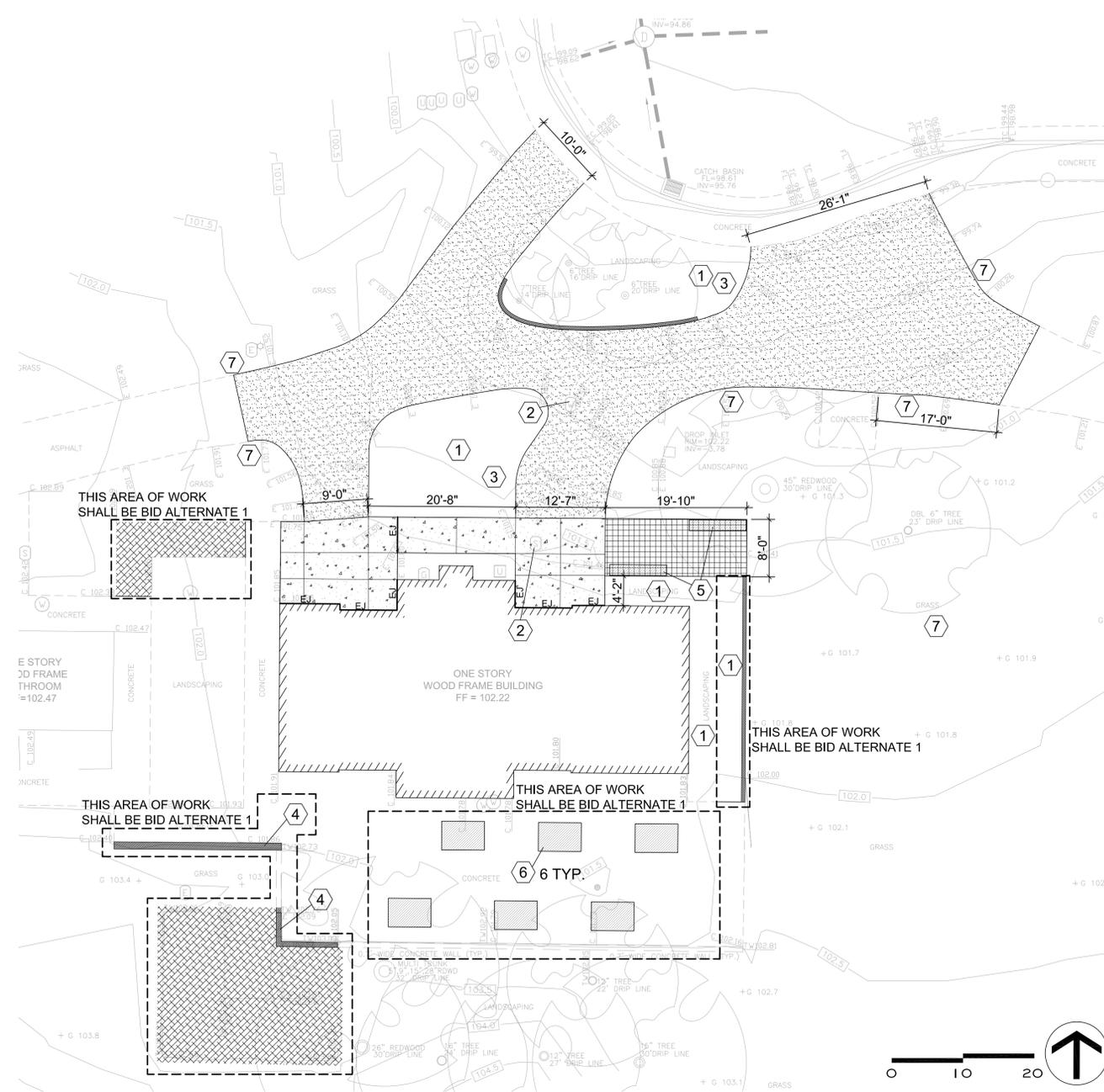
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GENERAL NOTES

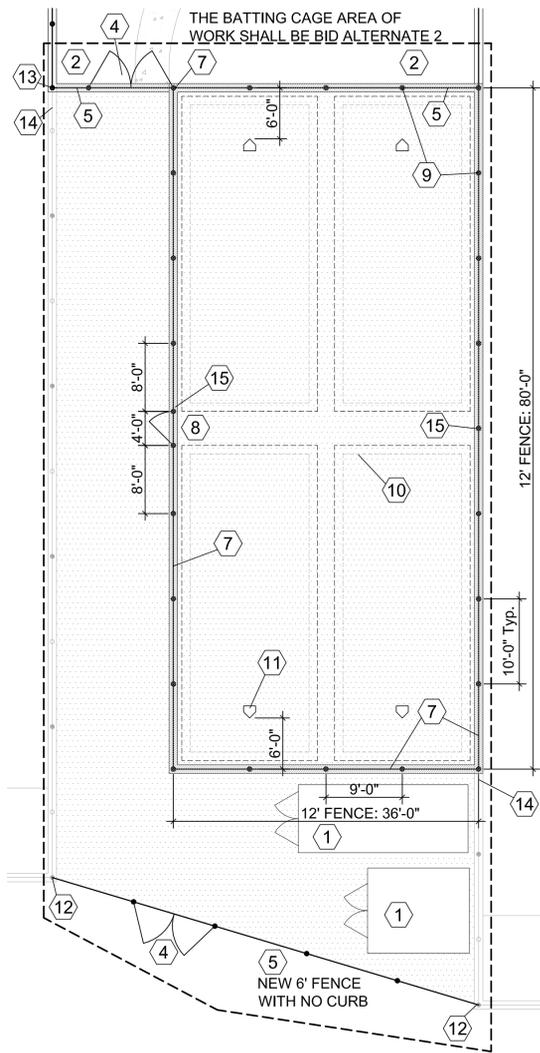
1. Adjust irrigation as needed for the revised lawn areas at the new batting cage and fence. Remove and salvage heads and valves as necessary for the new layout, and relocate as needed. Cut and cap lines as needed. All relocated spray heads shall be new equipment, to match existing (including MFG, GPM, precipitation, and radius). Install 90° spray heads at new corners. See Irrigation Plan for additional notes. Coordinate work with park maintenance personnel. BID ALTERNATE #2.
2. Sod patch areas shall match existing lawn type. See Soil Preparation and Landscape Planting specifications for additional information.

LEGEND

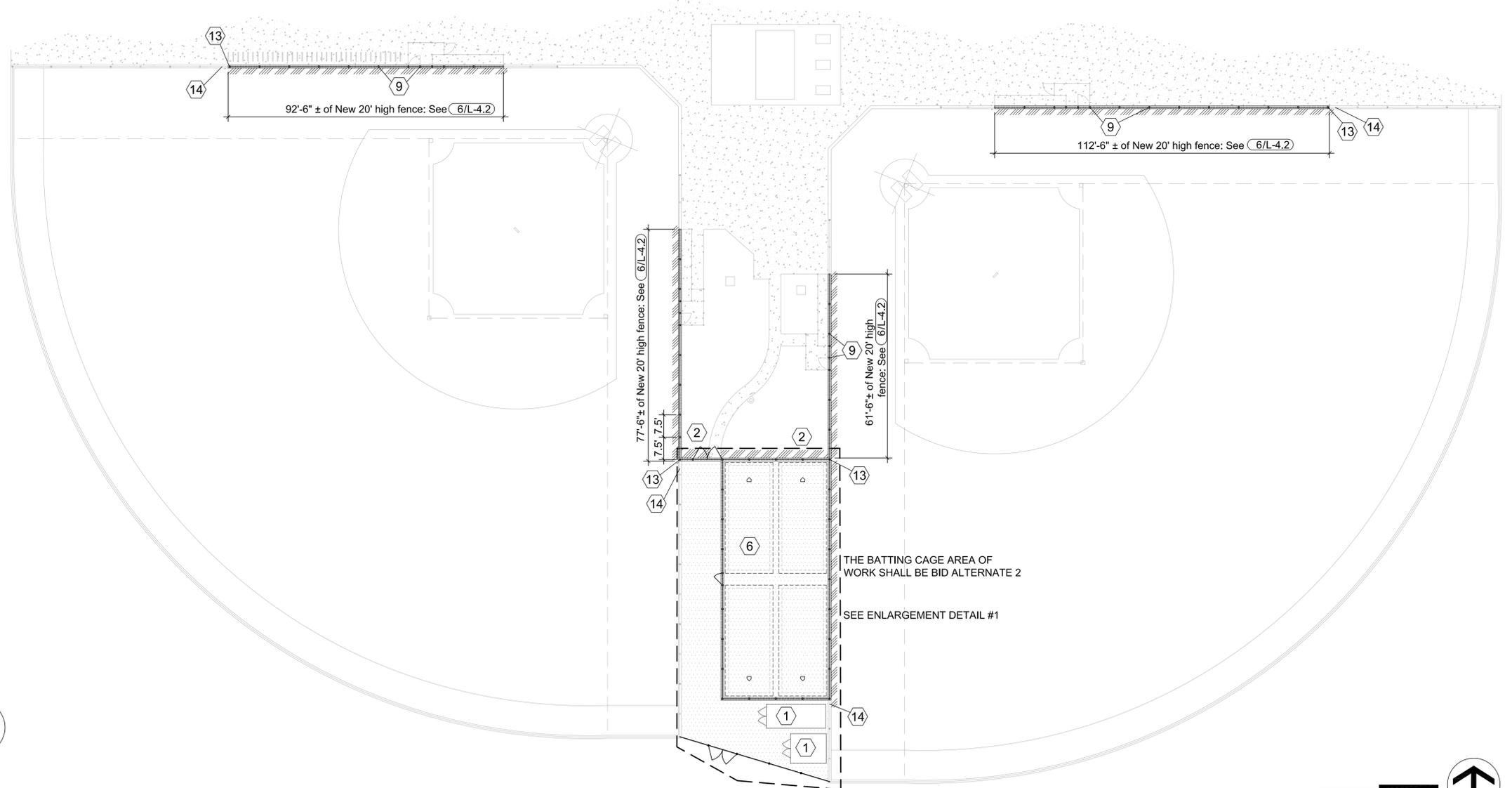
- Decomposed Granite Paving: See (7/L-4.1) BID ALTERNATE #2
- Chainlink fence and curb: See Plan and Details.
- Chainlink fence: See Plan and Details.
- Sod patch areas affected by Demolition and Construction. Width of new sod as needed per damage done. See General Notes.

REFERENCE NOTES

- 1 Relocated storage container and shed. BID ALTERNATE #2
- 2 Adjust irrigation at modified lawn areas. See General Notes. BID ALTERNATE #2.
- 3 Chainlink man gate: See (4/L-4.2) BID ALTERNATE #2
- 4 Chainlink double gate: See (3/L-4.2) BID ALTERNATE #2
- 5 6' high chainlink fence: See (2/L-4.2) BID ALTERNATE #2
- 6 Batting Cage: See Enlargement Detail #1 BID ALTERNATE #2
- 7 12' high batting cage fence: See (5/L-4.2) BID ALTERNATE #2
- 8 Batting cage man gate: See (4/L-4.2) BID ALTERNATE #2
- 9 Fence post, typical: See Details.
- 10 Batting cage netting systems: See Sports Equipment Specifications. BID ALTERNATE #2.
- 11 Home plate: See Sports Equipment Specifications. BID ALTERNATE #2.
- 12 Attach new fence fabric to existing post. BID ALTERNATE #2.
- 13 New 20' post: See (6/L-4.2)
- 14 Existing 6' high fence. Attached existing fabric to new posts.
- 15 New duplex outlet location, similar to existing. Confirm equipment loads and verify capacity of existing circuit or connect to new circuit if required. BID ALTERNATE #2.



1 Batting Cage Area Enlargement
1" = 10'-0"



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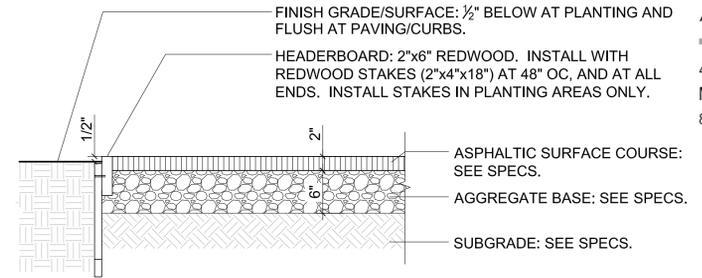
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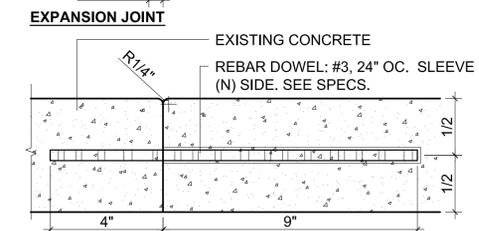
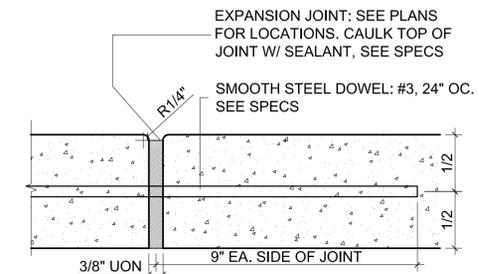
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Construction Details
Rec Building
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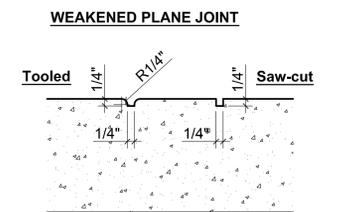
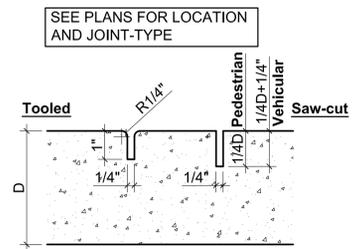
NOTE: INSTALL HEADERBOARD EDGE AT ALL LOCATIONS EXCEPT WHERE ADJACENT TO CURBS OR CONCRETE PAVING.



3 Asphalt Paving
1" = 1'-0"

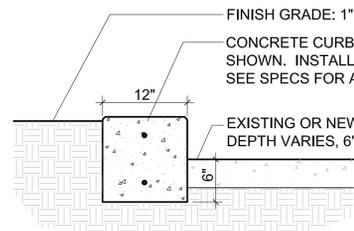


2 Concrete Joints, Typical
4" = 1'-0"



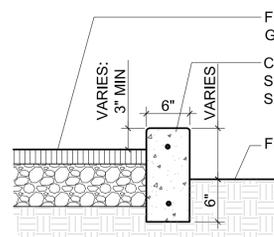
SCORE MARK

FINISH GRADE: 1" BELOW AT PLANTING/LAWN.
CONCRETE CURB: INSTALL TWO #3 REBAR, 3" CLEAR, AS SHOWN. INSTALL FIBER JOINT 15' O.C. 1/2" RADIUS EDGES. SEE SPECS FOR ADDITIONAL INFO.



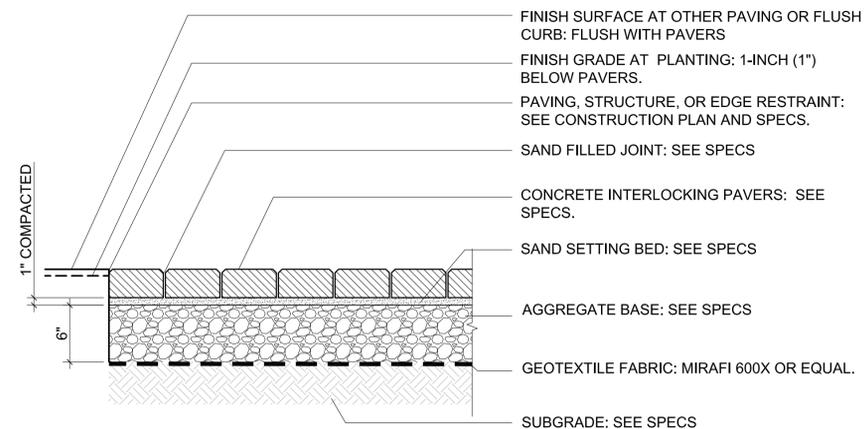
6 Concrete Curb - 12" Wide - BID ALTERNATE #1
1" = 1'-0"

FINISH SURFACE: AC PAVING, SEE CONSTRUCTION AND GRADING PLAN.
CONCRETE CURB: INSTALL TWO #3 REBAR, 3" CLEAR, AS SHOWN. INSTALL FIBER JOINT 15' O.C. 1/2" RADIUS EDGES. SEE SPECS FOR ADDITIONAL INFO.



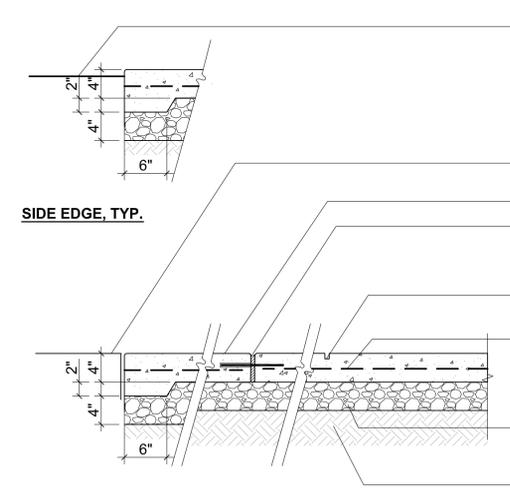
5 Concrete Curb - 6" Wide
1" = 1'-0"

NOTE: INSTALL PLASTIC/METAL EDGE RESTRAINT AT ALL LOCATIONS EXCEPT WHERE ADJACENT TO CURBS OR CONCRETE PAVING.

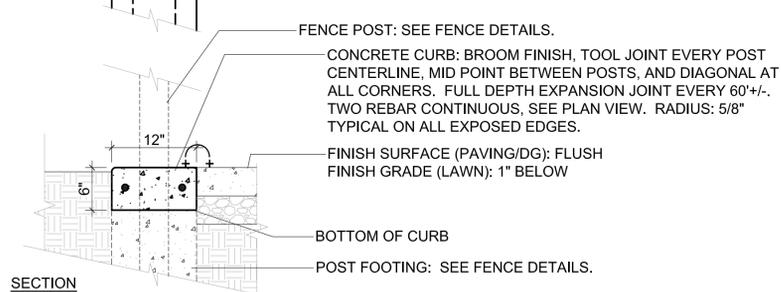
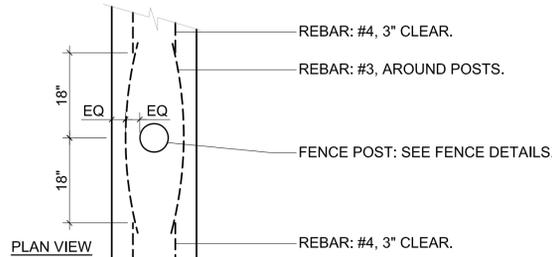


4 Concrete Pavers
1" = 1'-0"

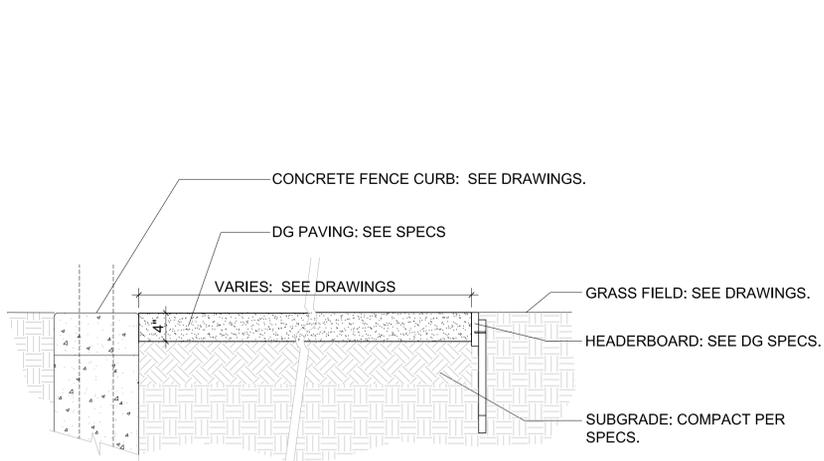
FINISH GRADE AT PLANTING: 1-INCH (1") BELOW PAVING. SEE PLANS.



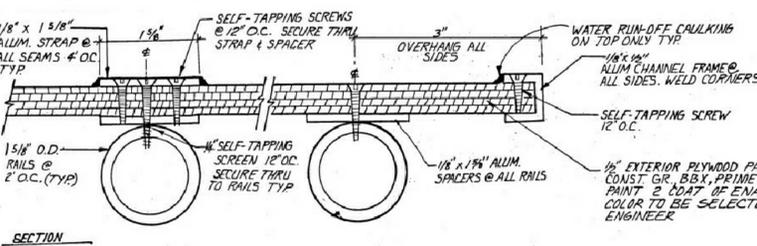
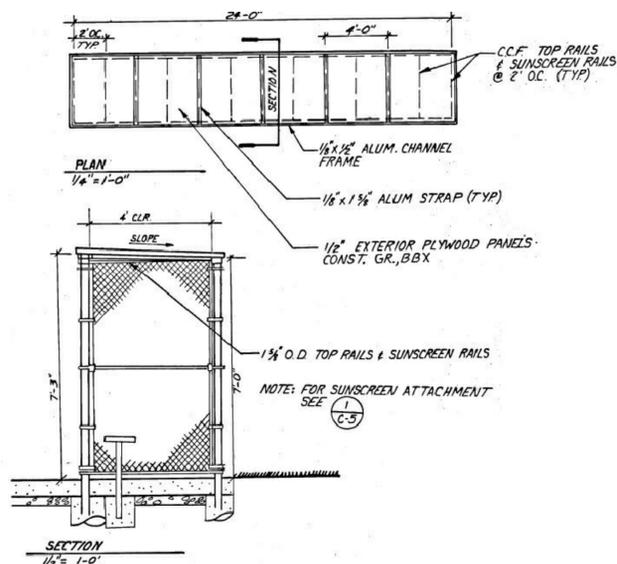
1 Pedestrian Concrete Paving
1" = 1'-0"



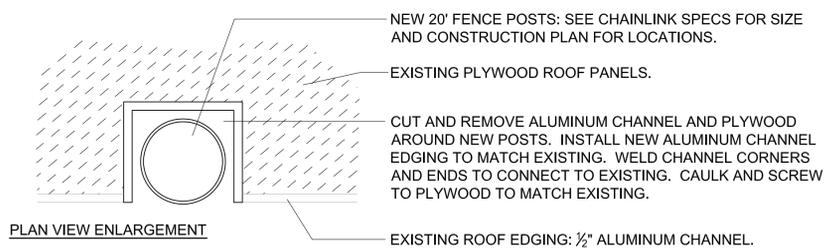
8 Concrete Fence Curb
1" = 1'-0"



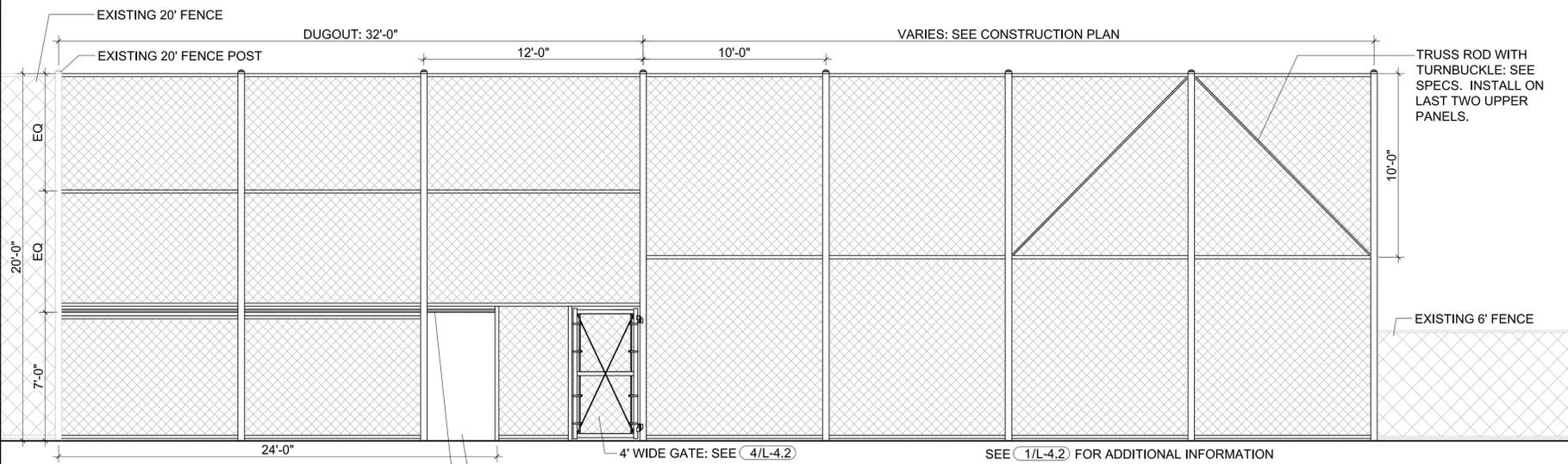
7 DG Paving - BID ALTERNATE #2
1" = 1'-0"



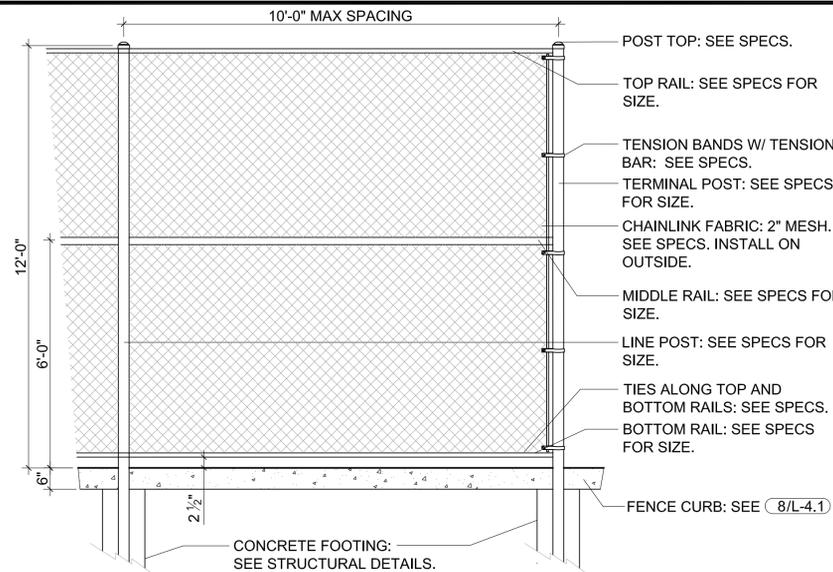
8 Existing Dugout As-built Details (For Reference Only)
NTS



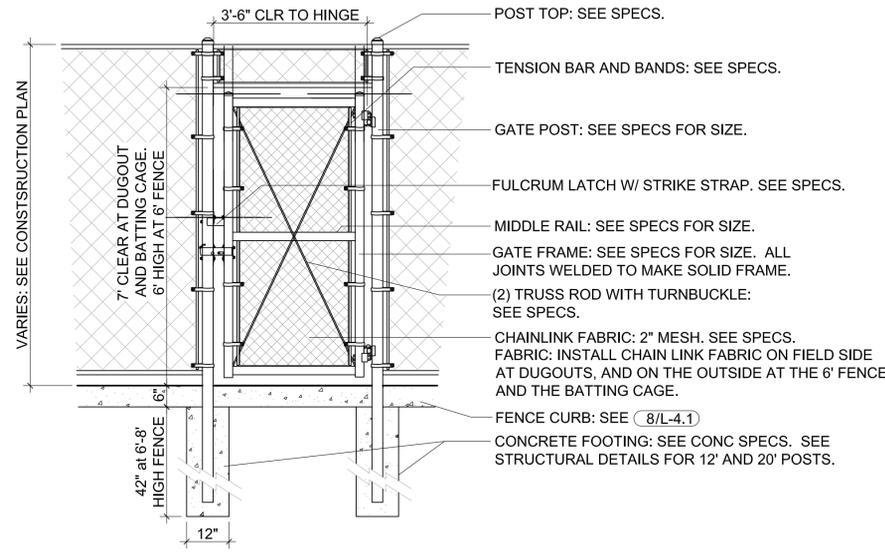
7 Dugout Roof Adjustment
NTS



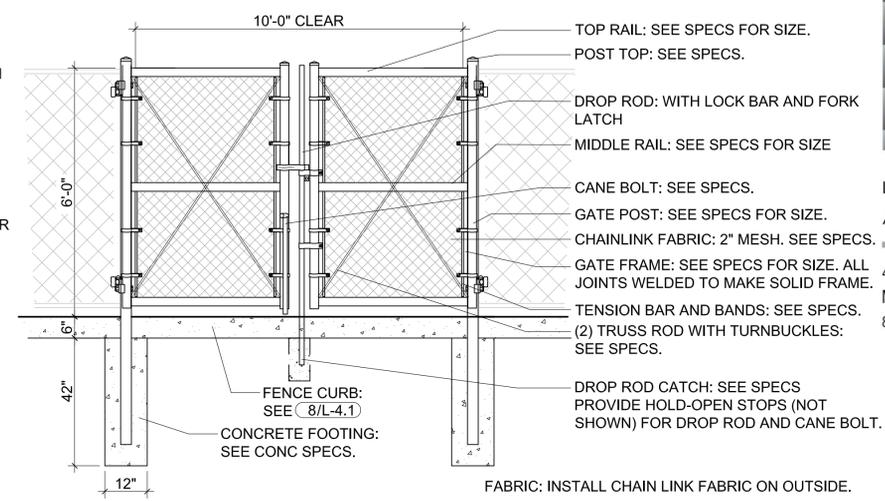
6 20' Fence Elevation (typical)
1/4" = 1'-0"



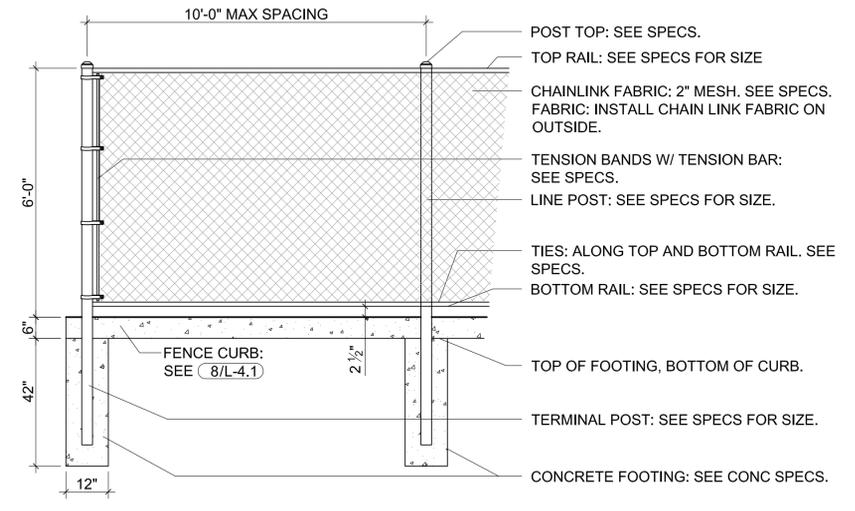
5 12' High Chainlink Batting Cage Fence - BID ALTERNATE #2
1/2" = 1'-0"



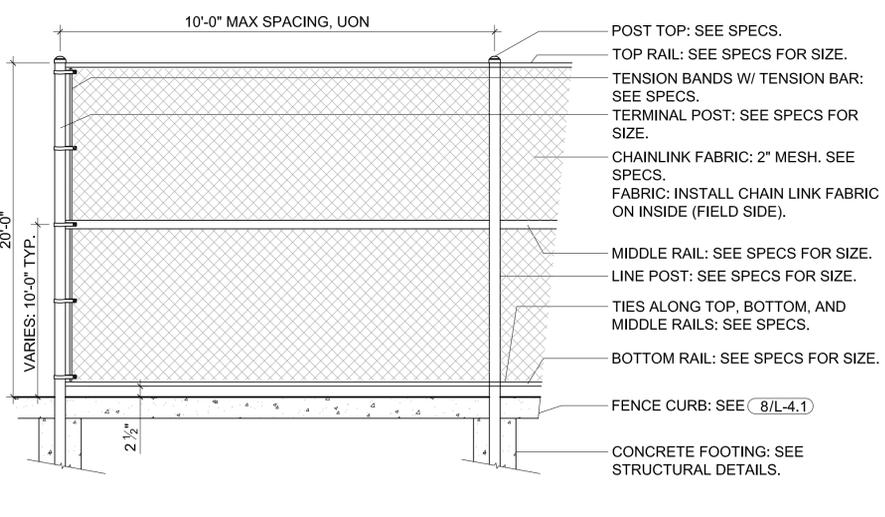
4 Chainlink Single Gate
NTS



3 6' High Chainlink Double Gate - BID ALTERNATE #2
NTS



2 6' High Chainlink Fence - BID ALTERNATE #2
1/2" = 1'-0"



1 20' High Chainlink Fence
NTS

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Recreation Building and
Baseball Park Improvements
Wilson Park
Cupertino, CA

BFS Project #15.008
Construction Details
Rec Building
CHECK BY:
JOB NO: 1501

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GENERAL NOTES

- 1. GUARANTEE:**
Guarantee the irrigation system for one year from date of acceptance.
- 2. VERIFICATION:**
For existing systems design is based on XX PSI available, and XX GPM allowable based on pipe size, at discharge outlet of point of connection. Verify same and notify Architect if such data adversely affects the operation of the system. Such notice shall be made in writing and prior to commencing any irrigation work.
- 3. UTILITIES:**
Verify location of all on-site utilities. Restoration of damaged utilities shall be made to the satisfaction of the Architect, and at no additional cost to the Owner.
- 4. SCHEMATIC:**
System features are shown schematically for graphic clarity. Install all piping and valves in common trenches where feasible and inside planting areas adjacent to walkways and inside medians whenever possible.
- 5. SPECIFICATIONS:**
See irrigation specifications for additional information.
- 6. CODES:**
Irrigation system shall be installed in accordance with all local codes and manufacturer's specifications. Notify Architect by telephone and in writing of any conflicts prior to installation.
- 7. CHECK VALVES:**
Install in-head check valves for sprinklers, and in-line check valves in drip irrigation supply lines, as required to minimize line drainage. Allow in bid price an amount sufficient to provide and install additional check valves to accommodate any necessary field changes.
- 8. SLEEVING:**
Adequately size Sch.40 PVC pipe for all wiring and irrigation lines installed under paving areas and that pass through drainage trenches with drain rock. Install (with ends clearly marked above grade) at the necessary depth prior to the construction of paving areas or field bases. Sleeving to extend 12" from edge of paving or drainage trench into adjacent subgrade. No unsleeved piping, angle-bends, 90-degree bends, or joints shall be allowed under paving.
- 9. DRIP IRRIGATION**
Sub-surface dripper line rows are shown for illustration only. Average no. of rows indicated. On slopes, increase row spacing by 25% for lowest 1/3 of zone. See Irrigation Details.
- 10. FLUSH (E) MAIN:**
Upon completion of connection to (E) main, allowing for solvent setup, flush main line and existing main by flushing nearest quick coupler downstream of P.O.C. on existing main.

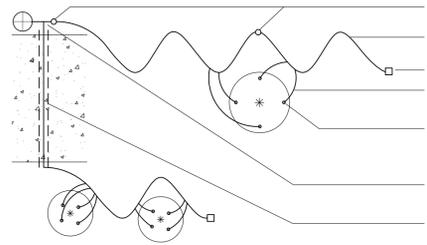
DRIP IRRIGATION TYPE-1 TYPICAL SCHEMATIC DIAGRAM

See planting plan for plant sizes and locations. Supply pipe spacing per planting. Place distribution pipes + emitters along supply pipe per planting and per the Emitter Schedule. Locate emitters to allow for additional ports to each plant for future needs. Place emitters towards the uphill side of plants on slopes.

EMITTER SCHEDULE

1 gal.	1
5 gal.	2
15 gal.	3
24" box	4

TYPICAL LAYOUT

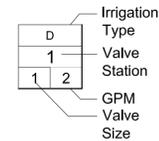


In-line Check Valve: See Specs (for sloped areas if present)
Supply Pipe: Max length 200-ft. See Specs
Flush Port, Typ: See Details
Distribution Pipe: Max length 5-ft. See Specs. See Details
Up to (4) emitters per plant. See Schedule above. See Specs. See Irrigation Details
Branch layout for different directions/areas as required
PVC pipe and sleeve under paving areas

PIPE SIZING CHART - SCHEDULE 40 DRIP IRRIGATION SUPPLY LINES

Zone / Partial Zone Flow	Pipe Size
0-8 GPM	PVC 3/4"
8.1-13 GPM	PVC 1"
13.1-22 GPM	PVC 1-1/4"
22.1-30 GPM	PVC 1-1/2"
30.1-50 GPM	PVC 2"
50.1-75 GPM	PVC 2-1/2"

3/4" is minimum pipe size. For rotor pipe sizing, see Plans - do not use this chart.

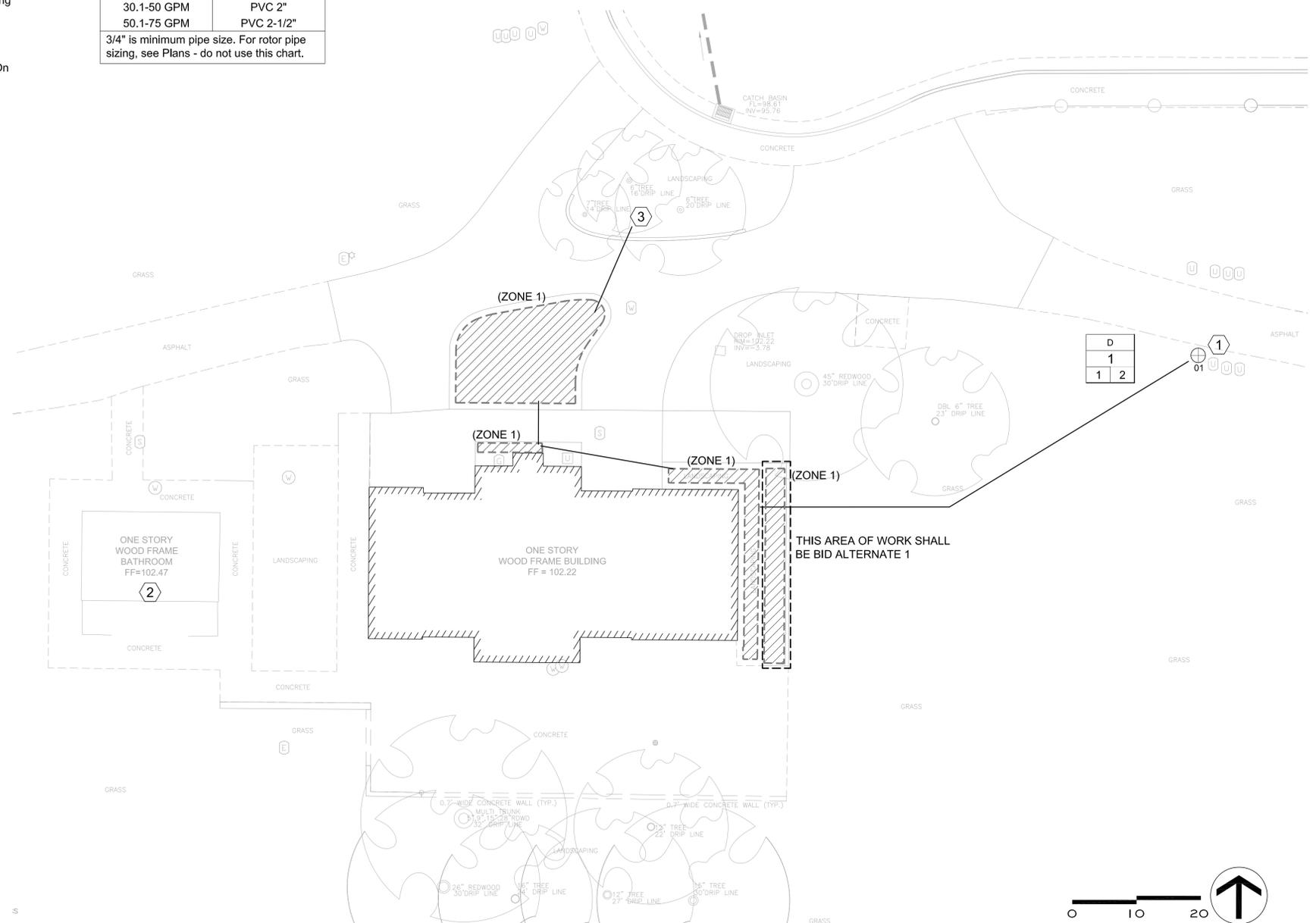


LEGEND

SYMBOL	MANUFACTURER	DESCRIPTION
(Zone designation) (ZONE 00)		TYPE-1 (Point-source): 3/4" PE supply pipe w/ flush ports & 1/4" PE distribution tubes. See drip irrigation typical layout below. See Specs. See Irrigation Details. Emitters: 0.5 GPH pressure compensating, Rainbird Xeri-Bug / Toro N.G.E. / Netafim WPC (w/ bug cap)
(Symbol)	Netafim / Rainbird / Toro Pre-assembled Kit	Netafim LVCZS8010075-HF / LF Control Zone Kit. HF > 4.5 GPM LF < 4.5 GPM as required per zone Rainbird XCZ-100 / 075-PRF Control Zone Kit. 100 > 4.5 GPM, 075 < 4.5gpm as required per zone
(Symbol)		Drip Irrigation Supply Line: 18" min. cover, 24" under paving. Sch/Class per Specs. See chart for size.

REFERENCE NOTES

- Point of connection at existing valves and mainline. Install new valve on existing mainline and wire to existing controller. Existing extra valve wires should be available in existing valve boxes.
- Existing controller location.
- Stub out 1" lateral line for future irrigation.



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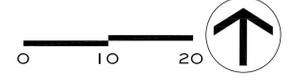
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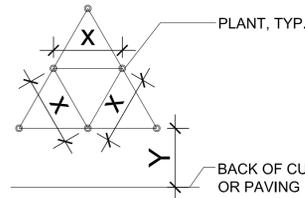
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GENERAL NOTES

1. All planting areas to receive pre-emergent herbicide. See Specifications.
2. Prepare, amend, and fertilize existing soil per Specifications. Import topsoil per Specifications.
3. Pre-mix amendments into soil before backfilling plant pits - do not mix inside pits. Break large clods into small pieces. See Specifications.
4. Weed mat to be placed under mulch. See Specifications
5. Install root barrier panels around trees planted within 5' of foundations, walls, and curbs, and in all planters in paved areas. See Specifications and Detail (7/L-7.1).
6. Landscape Architect to approve plant material BEFORE plant layout commences.
7. Landscape Architect to approve layout of all plants BEFORE Planting commences.
8. Plant shrubs and groundcover per detail (8/L-7.1). See Spacing Diagram.
9. Plant and stake trees per detail (7/L-7.1).
10. Install mulch to all planting areas. See Specifications for thickness.
11. See Specifications for Maintenance Period.



1. FOR SPACING 'X', SEE PLANTING PLAN LEGEND
2. $Y = 1/2X + 12"$

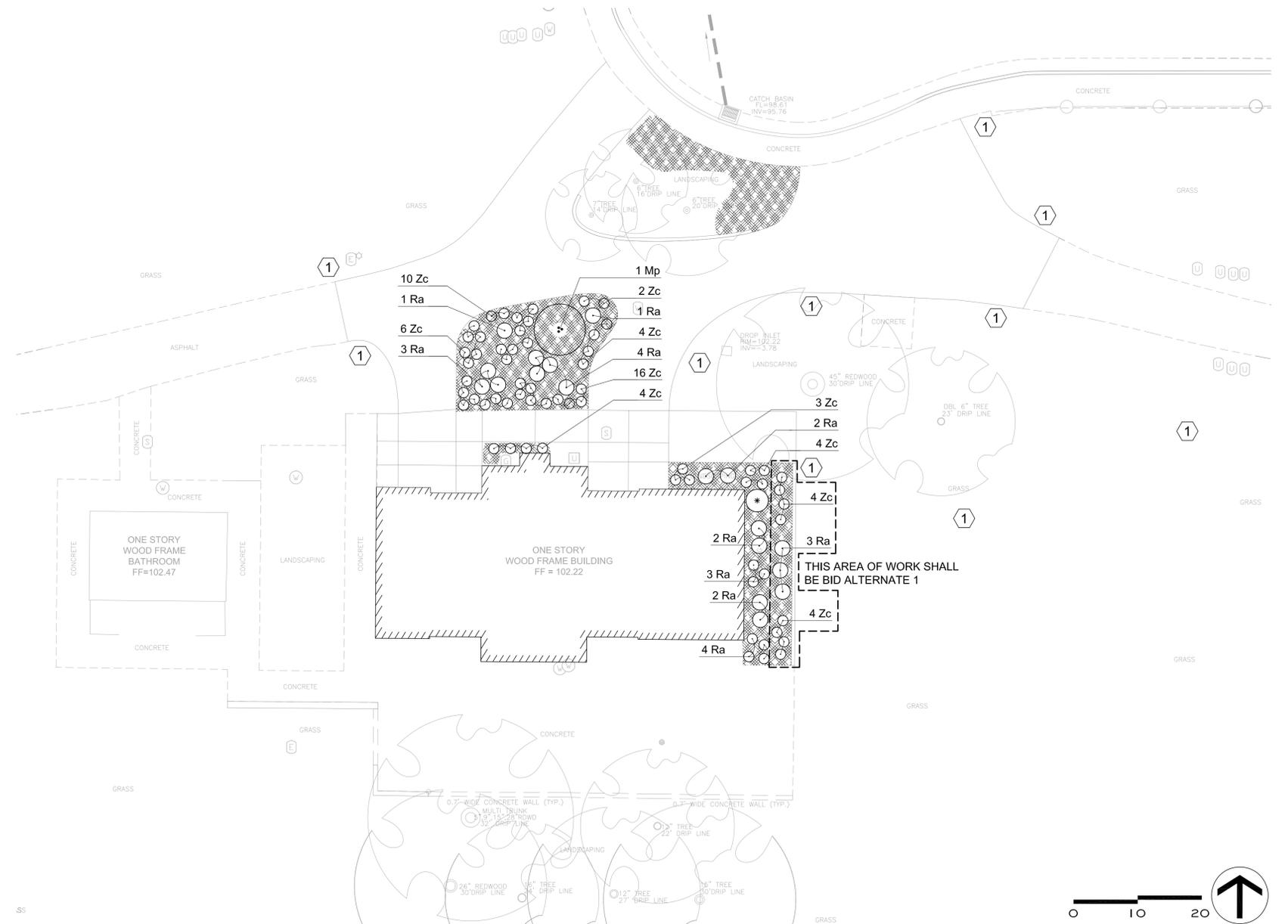
GROUNDCOVER SPACING AND PLANTING SETBACK DIAGRAM

PLANT LEGEND

*WUC	CODE	BOTANICAL NAME	COMMON NAME	SIZE	CHARACTER
Shrubs					
X	Mp	Magnolia (liliflora x sellata 'Pinkie')	Little Girl Hybrid	24" Box.	Multi Trunk
X	Ra	Ribes aureum var. gracillimum	Golden Currant	5 Gal.	
X	Zc	Zauschneria californica mexicana	California Fuschia	5 Gal.	
		[Hatched Box] Mulch: See Specs			
Existing Shrubs					
X	*	Nandina domestica	Heavenly Bamboo		

REFERENCE NOTES

1. Sod patch irrigation trenches and areas affected by demolition and construction. Exact amount of sod as needed per damage done. New sod shall match existing lawn. See Soil Preparation and Planting specs.



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	BID SET: 7/30/15

WILSON PARK RENOVATIONS
Recreation Building and
Baseball Park Improvements
Cupertino, CA
Wilson Park

BFS Project #15.008

Planting Plan

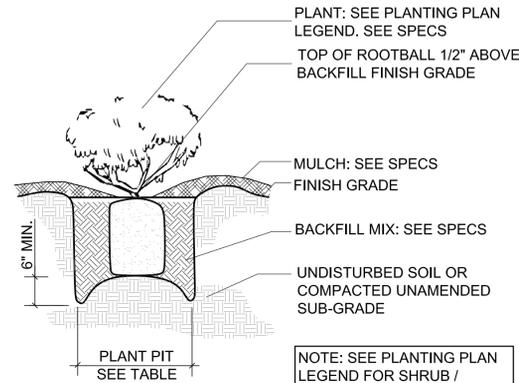
Rec Building

CHECK BY:

JOB NO: 1501

L-6.1

PLANT PIT SIZE TABLE	
PLANT SIZE	PIT SIZE - ROOTBALL PLUS
4" POT	3" ALL AROUND
1 GAL	6" ALL AROUND
5 GAL	8" ALL AROUND
15 GAL	10" ALL AROUND

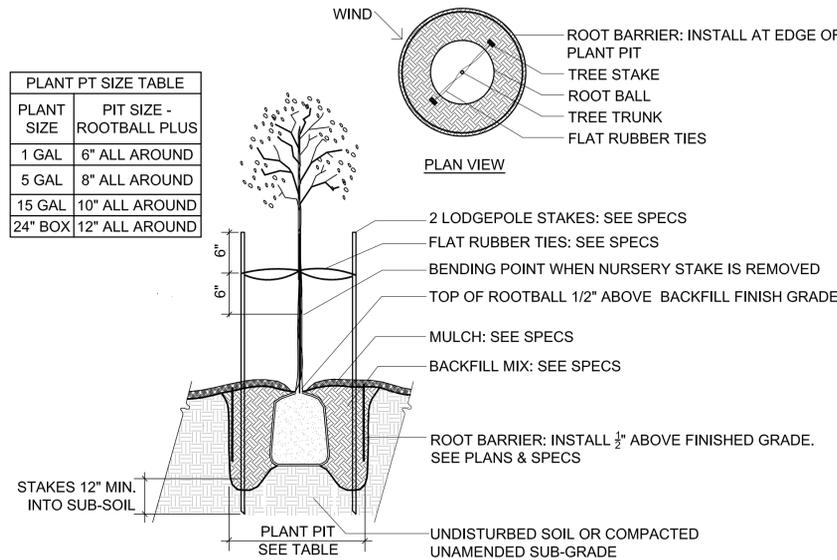


NOTE: SEE PLANTING PLAN LEGEND FOR SHRUB / GROUND COVER SPACING DIAGRAM.

6 Shrub / Groundcover Planting

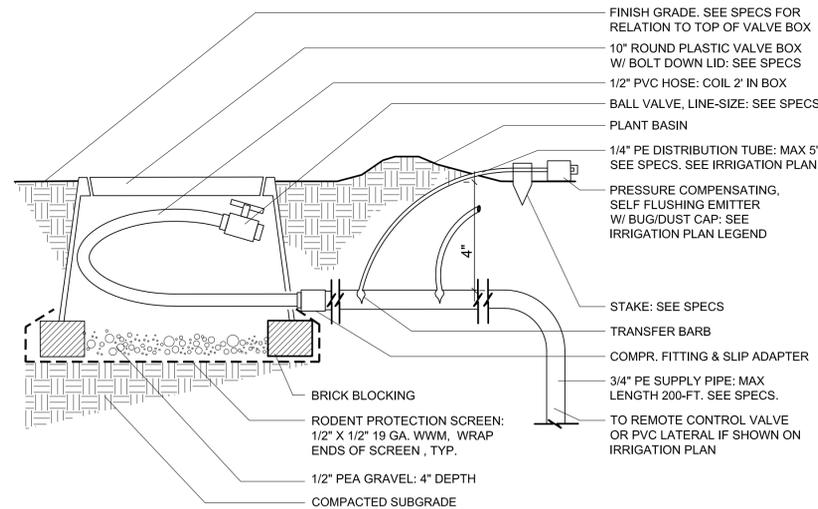
NTS

PLANT PIT SIZE TABLE	
PLANT SIZE	PIT SIZE - ROOTBALL PLUS
1 GAL	6" ALL AROUND
5 GAL	8" ALL AROUND
15 GAL	10" ALL AROUND
24" BOX	12" ALL AROUND



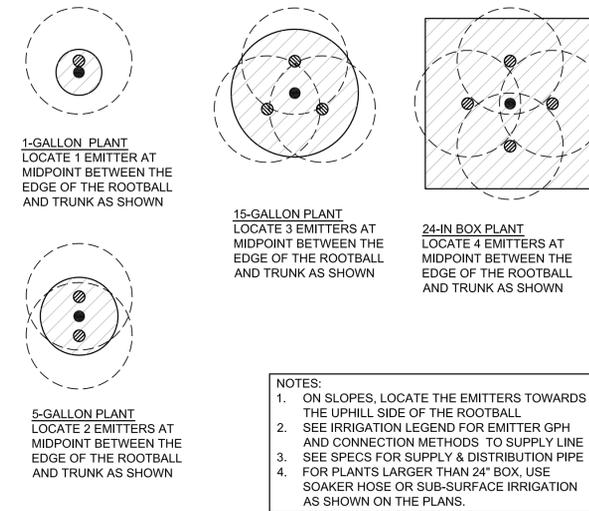
5 Tree Planting & Staking

NTS



4 Drip Irrigation : PE Tube / Emitter / Flush Port

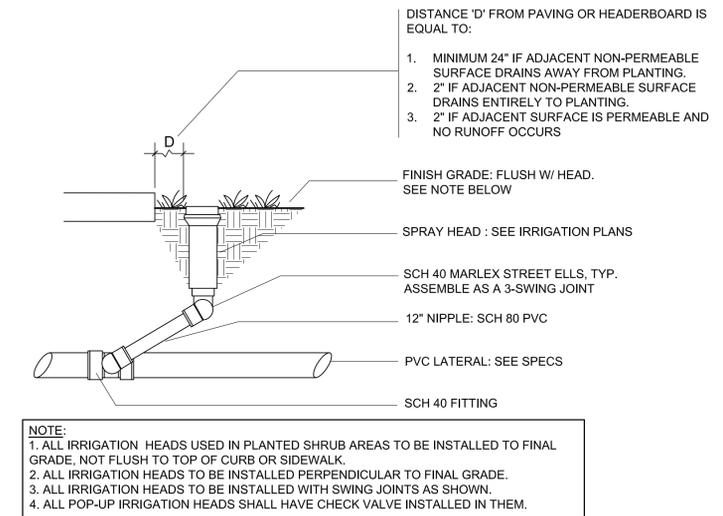
NTS



NOTES:
 1. ON SLOPES, LOCATE THE EMITTERS TOWARDS THE UPHILL SIDE OF THE ROOTBALL
 2. SEE IRRIGATION LEGEND FOR EMITTER GPH AND CONNECTION METHODS TO SUPPLY LINE
 3. SEE SPECS FOR SUPPLY & DISTRIBUTION PIPE
 4. FOR PLANTS LARGER THAN 24" BOX, USE SOAKER HOSE OR SUB-SURFACE IRRIGATION AS SHOWN ON THE PLANS.

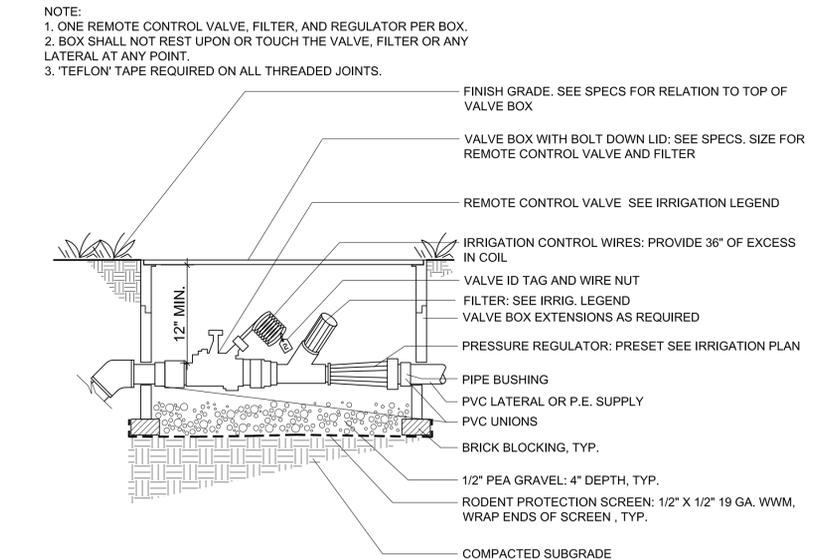
3 Drip Irrigation : Emitter Layout

NTS



2 Spray Pop Up

NTS



1 Drip Irrigation : Valve Assembly

NTS

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 Recreation Building and
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 Irrigation and Planting Details
 Rec Building
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L-7.1