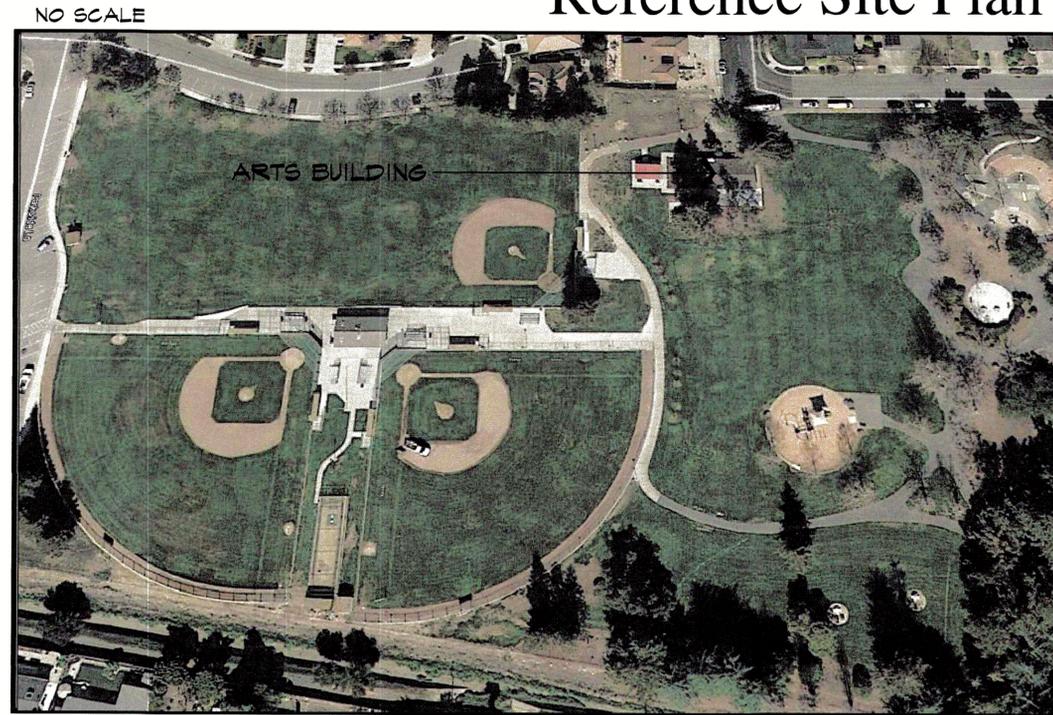


Abbreviations

| | | | |
|----------|---------------------------|---------|--------------------------|
| 4 | AND | JT. | JOINT |
| 4 | AT | LAM. | LAMINATED |
| 4 | CENTERLINE | LT. | LIGHT |
| 4 | DIAMETER OR ROUND | MAX. | MAXIMUM |
| 4 | FOUND OR NUMBER | M.C. | MEDICAL CABINET |
| (E) | EXISTING | MECH. | MECHANICAL |
| ADJ. | ADJUSTABLE | MFR. | MANUFACTURER |
| AGGR. | AGGREGATE | MH. | MANHOLE |
| ALUM. | ALUMINUM | MTL. | METAL |
| APPROX. | APPROXIMATE | MIN. | MINIMUM |
| ARCH. | ARCHITECTURAL | MISC. | MISCELLANEOUS |
| A.B. | ANCHOR BOLT | MTD. | MOUNTED |
| A.C. | ASPHALT CONCRETE | N.I.C. | NOT IN CONTRACT |
| BD. | BOARD | NO./# | NUMBER |
| BLDG. | BUILDING | N.T.S. | NOT TO SCALE |
| BLK. | BLOCK | O. | OVER |
| BLKS. | BLOCKING | O.C. | ON CENTER |
| BM. | BEAM | O.F.S. | OUTSIDE FACE OF STUD |
| C. | CARPET | OPNG. | OPENING |
| CAB. | CABINET | PTN. | PARTITION |
| C.B. | CATCH BASIN | PRCST. | PRE-CAST |
| C.I. | CAST IRON | PL. | PLATE |
| C.J. | CONSTRUCTION JOINT | PLYWD. | PLYWOOD |
| CLS. | CEILING | FR. | FAIR |
| CLD. | CLOSET | PT. | POINT |
| CLR. | CLEAR | PTD. | PAPER TONEL DISPENSER |
| COL. | COLUMN | RAD/R. | RADIUS |
| CONC. | CONCRETE | R.D. | ROOF DRAIN |
| C.J. | CONSTRUCTION JOINT | REINF. | REINFORCED |
| CONT. | CONTIGUOUS | REQ. | REQUIRED |
| CTR. | CENTER | RESIL. | RESILIENT |
| C.T. | CERAMIC TILE | RM. | ROOM |
| D. | DRYER | R.O. | ROUGH OPENING |
| DBL. | DOUBLE | RWD. | REINWOOD |
| DET. | DETAIL | R.W.L. | RAIN WATER LEADER |
| D.F. | DOUGLAS FIR | S.C. | SOLID CORE |
| D.B. | DROPPED BEAM | SCHED. | SCHEDULE |
| DR. | DOOR | SD. | SOAP DISPENSER |
| D.S. | DRAINSPUT | SECT. | SECTION |
| D.W. | DISHWASHER | SHR. | SHOWER |
| DWG. | DRAWING | SHT. | SHEET |
| DWR. | DRAWER | SIM. | SIMILAR |
| EA. | EACH | SL. | SLIDE |
| E.J. | EXPANSION JOINT | SN. | SANITARY NAPKIN DISPOSAL |
| ELEV. | ELEVATION | SNV. | SANITARY NAPKIN VENDING |
| ELEC. | ELECTRICAL | S.P.D. | SEE PLUMBING DRAWINGS |
| EQ. | EQUAL | SPEC. | SPECIFICATION |
| EXIST. | EXISTING | SG./# | SQUARE |
| EXP. | EXPANSION | S.S.D. | SEE STRUCTURAL DRAWINGS |
| EXT. | EXTERIOR | S.E.D. | SEE ELECTRICAL DRAWINGS |
| F.D. | FLOOR DRAIN | S.M.D. | SEE MECHANICAL DRAWINGS |
| FDN. | FOUNDATION | STD. | STANDARD |
| FE. | FIRE EXTINGUISHER | STL. | STAINLESS STEEL |
| F.E.C. | FIRE EXTINGUISHER CABINET | STR. | STEEL |
| F.F. | FINISH FLOOR | STR. | STORAGE |
| F.G. | FINISH GRADE | STRUCT. | STRUCTURAL |
| FIN. | FINISH | SUSP. | SUSPENDED |
| F./FLR. | FLOOR | SYM. | SYMMETRICAL |
| FLSH. | FLASHING | TEMP. | TEMPERATURE |
| FLUOR. | FLUORESCENT | TEL. | TELEPHONE |
| F.O.C. | FACE OF CONCRETE | T.C. | TOP OF CURB |
| F.O.F. | FACE OF FINISH | T&S. | TONGUE AND GROOVE |
| F.O.S. | FACE OF STUD | THRSH. | THRESHOLD |
| FT. | FOOT OR FEET | T.O.P. | TOP OF PLATE |
| FTS. | FOOTING | T.O.W. | TOP OF WALL |
| GA. | GAUGE | TPD. | TOILET PAPER DISPENSER |
| GALV. | GALVANIZED | TSD. | TOILET SEAT DISPENSER |
| GL. | GLASS | TYE. | TYPICAL |
| GRD. | GROUND | U.N.O. | UNLESS NOTED OTHERWISE |
| G.S.M. | GALV. SHEET METAL | V. | VINYL |
| GYP. BD. | GYP. SHEET METAL | VERT. | VERTICAL |
| H.B. | HOSE BIBB | W. | WASHER |
| H.C. | HOLLOW CORE | W. | WITH |
| H.C. | HANDICAPPED | W.C. | WATER CLOSET |
| H.M. | HOLLOW METAL | WD. | WOOD |
| HORIZ. | HORIZONTAL | W/O | WITHOUT |
| HT. | HEIGHT | W.P. | WATERPROOF |
| INSUL. | INSULATION | WS. | WEATHERSTRIP |
| INT. | INTERIOR | WR. | WASTE RECEPTACLE |
| JST. | JOIST | | |

Reference Site Plan



Project Data

WILSON PARK RECREATION ARTS BUILDING
 WILSON PARK
 19784 WINTERGREEN DRIVE
 CUPERTINO, CA 95014
 APN 869-10-001
 OCCUPANCY CLASS: GROUP B TRAINING AND SKILLS DEVELOPMENT
 GROUP S-1 STORAGE (ATHLETIC EQUIPMENT)

NO CHANGES IN USE OR BUILDING AREA ARE PROPOSED.

CONSTRUCTION TYPE V-B
 THE BUILDING DOES NOT HAVE FIRE SPRINKLERS

| Building Area Summary | | |
|--------------------------------------|------------------------|------------------------|
| | Existing Building Area | Proposed Building Area |
| One-Story Building | 1,465 S.F. | 1,465 S.F. |
| Existing Classroom for Art & Pottery | | |

SCOPE OF WORK - ARTS BUILDING:

INTERIOR WORK INCLUDES NEW CONFIGURATION OF STORAGE AND UTILITY ROOMS, INCLUDING DEMOLITION OF INTERIOR NON-BEARING WALLS. THE UTILITY ROOM WILL HAVE NEW SINKS, CABINETS & SHELVING WITH NEW FINISHES AT WALLS, FLOOR AND BASE. ELECTRICAL WORK INCLUDES A NEW PANEL AND NEW LIGHTING ONLY AT THE UTILITY ROOM.

EXTERIOR WORK INCLUDES NEW PAVING TO PROVIDE AN ACCESSIBLE PATH TO THE EXISTING ENTRY DOOR, LANDSCAPING AROUND THE BUILDING AND OUTDOOR FURNITURE.

CONSTRUCTION MUST COMPLY WITH THE FOLLOWING:

2013 TITLE 24 CALIFORNIA BUILDING CODE
 2013 CALIFORNIA FIRE CODE
 2013 CALIFORNIA MECHANICAL CODE
 2013 CALIFORNIA ELECTRICAL CODE
 2013 CALIFORNIA PLUMBING CODE
 2013 CALIFORNIA GREEN BUILDING CODE

Drawing Index

| | NO. | SHEET TITLE | | |
|---------------|-------|--|------|---------------------------------|
| ARCHITECTURAL | A0 | TITLE SHEET: DRAWING INDEX, VICINITY MAP, REF. SITE PLAN, PROJECT DATA, SYMBOLS, ABBREVIATIONS | L1.1 | EXISTING CONDITIONS PLAN |
| | A1.0 | FLOOR PLANS, DEMOLITION NOTES, OCCUPANT LOAD TABLE | L2.1 | DEMOLITION PLAN |
| | A2.0 | INTERIOR ELEVATIONS, FINISH SCHEDULE GREEN BUILDING CODE NOTES & CHECKLIST | L3.1 | CONSTRUCTION AND GRADING PLAN |
| STRUCT. | A3.0 | ARCHITECTURAL DETAILS | L4.1 | CONSTRUCTION DETAILS |
| | S1.0 | STRUCTURAL PLAN, DETAILS & NOTES | L5.1 | IRRIGATION PLAN |
| | | | L6.1 | PLANTING PLAN |
| FLUMBING | | | L6.1 | IRRIGATION AND PLANTING DETAILS |
| | F.0 | LEGEND, EQUIPMENT SCHEDULE, INDEX OF DRAWINGS | | |
| | F.1 | PARTIAL SITE UTILITIES & ENLARGED BUILDING PLANS | | |
| ELECTRICAL | E-1.0 | GENERAL NOTES, LEGEND, ABBREVIATIONS, 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 | | |

Consultants

LANDSCAPE ARCHITECT

BPS LANDSCAPE ARCHITECTS
 425 PACIFIC ST.
 SUITE 201
 MONTEREY, CA 93940
 TEL: (831) 646-1888
 larry@bplsia.com

STRUCTURAL ENGINEER

AKH ENGINEERS
 1805 MERIDIAN AVE
 SAN JOSE, CA 95128
 TEL: (408) 978-1970 x14
 Email: hyde@akhse.com

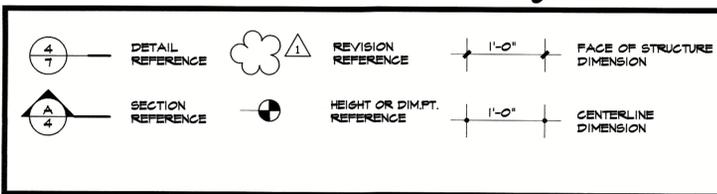
PLUMBING ENGINEER

YAO CONSULTING ENGINEERS
 1550 THE ALAMEDA
 SAN JOSE, CA 95126
 TEL: (408) 294-4200
 FAX: (408) 294-1900
 Email: kensyaocngineers.com

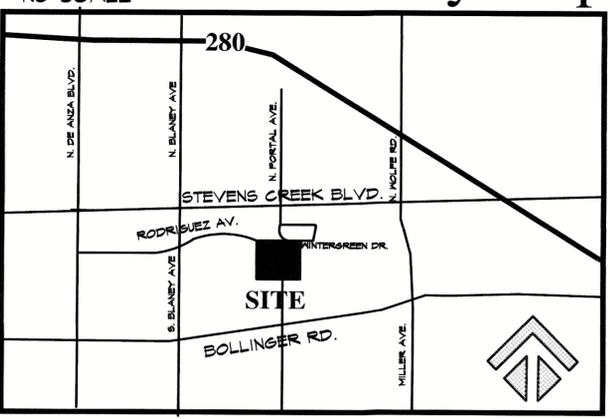
ELECTRICAL ENGINEER

MTH ENGINEERS
 3350 SCOTT BLVD.
 SANTA CLARA, CA 95054
 TEL: (408) 986-8558
 FAX: (408) 986-4627
 Email: julio@mtheng.com

Symbols



Vicinity Map



REVIEWED BY:

 ALEX ACENAS, AIA
 PUBLIC WORKS PROJECT MANAGER

5/26/15
 DATE

APPROVED BY:

 TIMM BORDEN, RCE #48512
 DIRECTOR OF PUBLIC WORKS

5/26/15
 DATE

WILSON PARK RENOVATIONS

RECREATION BUILDING AND BASEBALL PARK IMPROVEMENTS

WILSON PARK

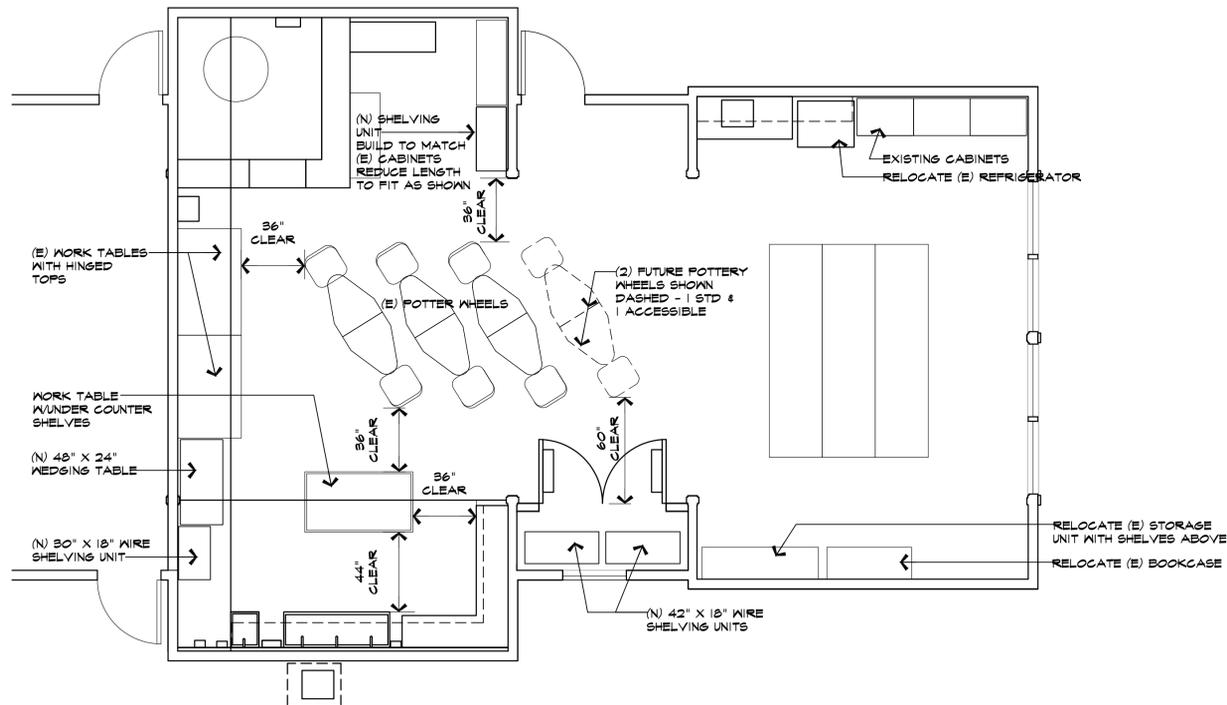
CUPERTINO, CALIFORNIA

Prodis Associates
 Architects



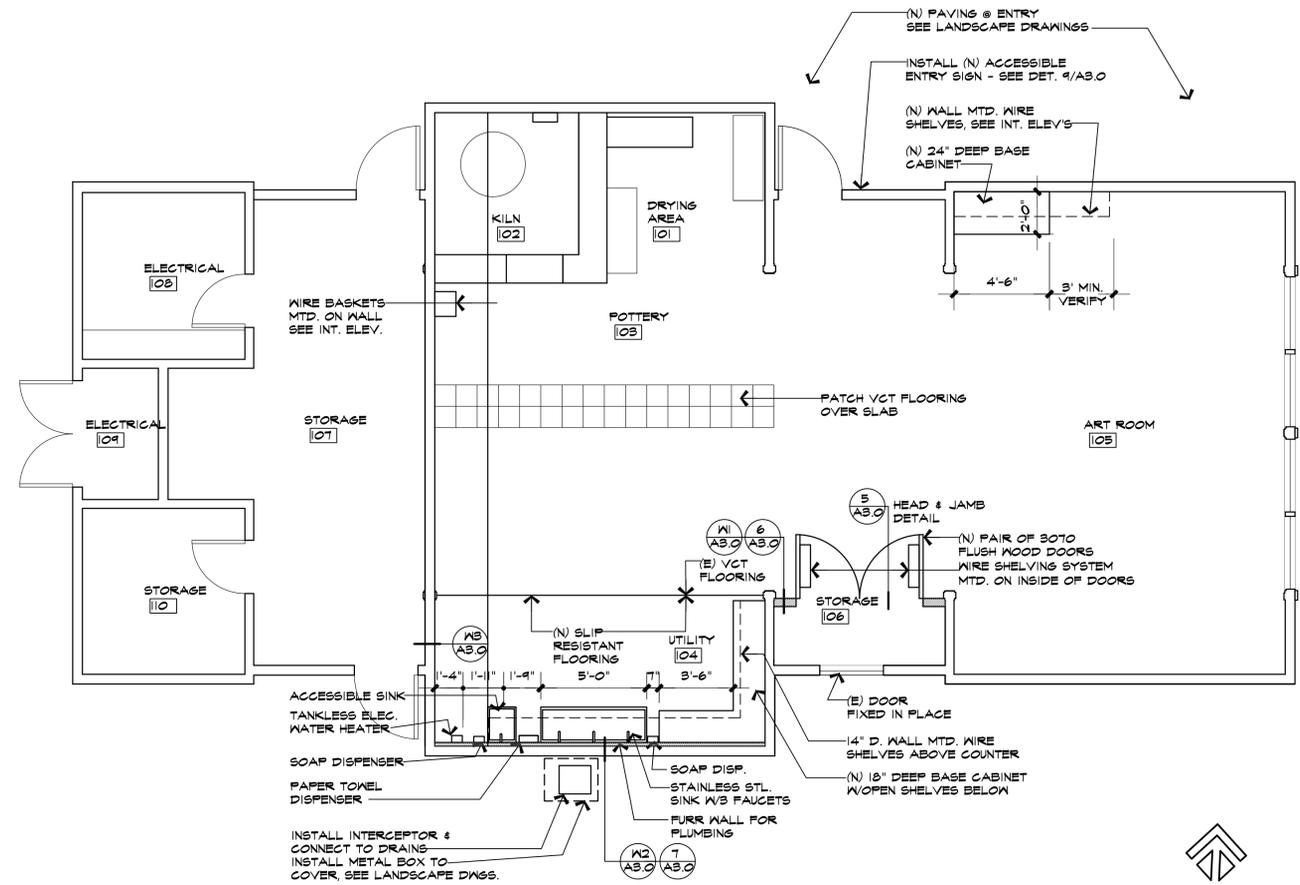
DD Submittal 4-2-15
 CD Submittal 5-12-15





FURNITURE LAYOUT PLAN

1/4" = 1'-0"

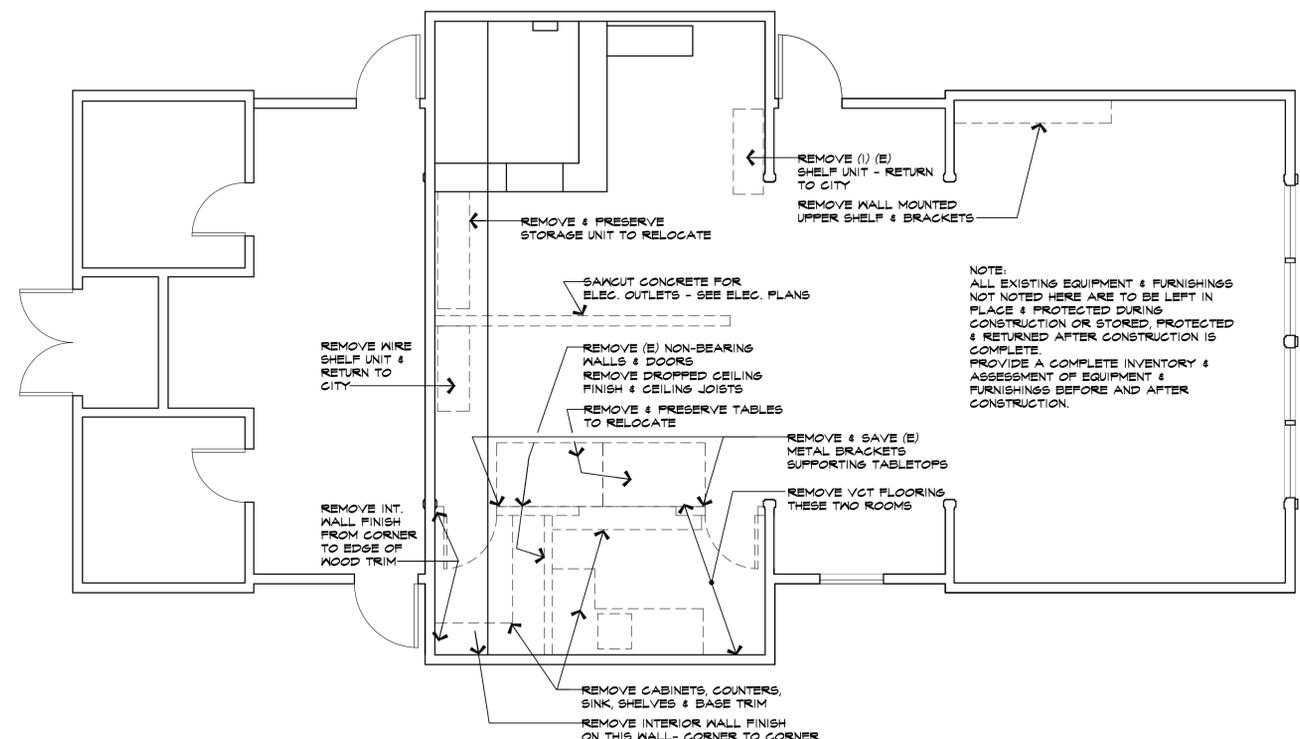


FLOOR PLAN

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 | 29 | | 0 | 0 | | |
| 110 | STORAGE | 60 | S-1 | 300 | 0 | | |
| TOTAL WEST SIDE OF BLDG. (NET) | | 364 | | | 1 | 1 | 2 |
| TOTAL BUILDING (NET) | | 1,380 | | | | | |
| TOTAL BUILDING (GROSS) | | 1,465 | | | | | |



DEMOLITION PLAN

1/4" = 1'-0"

| NO. | DATE/REVISION |
|-----|---------------|
| 1 | 10/15/15 |
| 2 | 11/12/15 |
| 3 | 11/12/15 |



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

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 | |
| 5.508.1 | | 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.

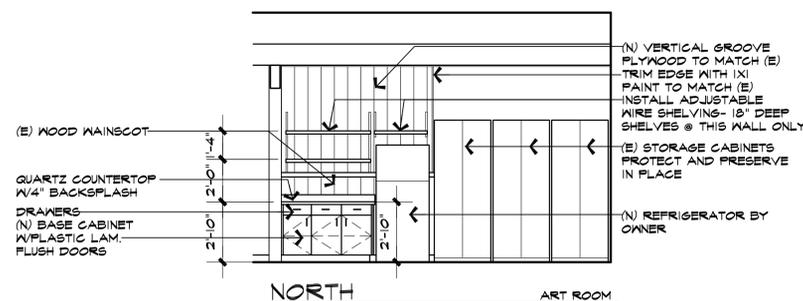
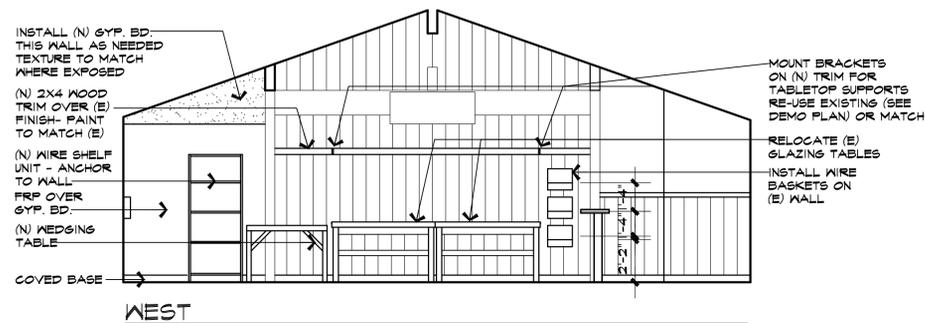
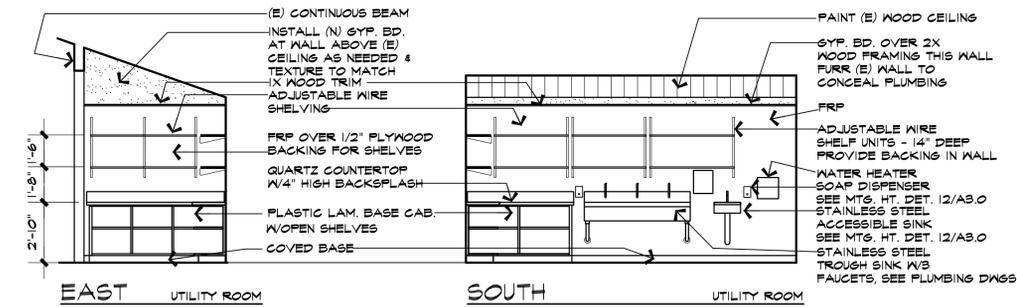
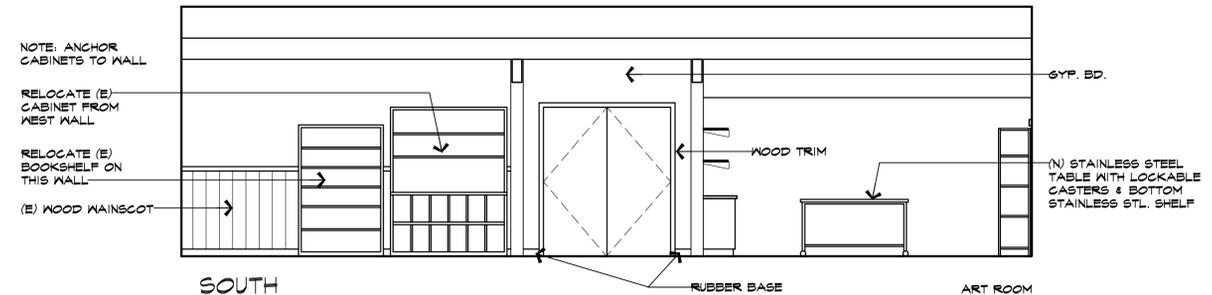
ROOM FINISH SCHEDULE

| ROOM NO. | ROOM NAME | FLOOR | | BASE | | WALLS | | CEILING | | HT. | NOTES |
|----------|-------------|--------|---------|--------|---------|------------|---------|---------|---------|-----|-----------|
| | | FM | COMMENT | FM | COMMENT | FM | COMMENT | FM | COMMENT | | |
| 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' UB12504
PLASTIC LAMINATE CABINETS: WILSONART KENSINGTON MAPLE '10T16-60'
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 & G WOOD EGGSHELL PAINT |
| F2 | NEW VCT AS INDICATED ON PLAN MATCH EXISTING COLOR | B2 | (N) RES. COVERED 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

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Tel. 408.394.1377 Fax: 408.394.1380
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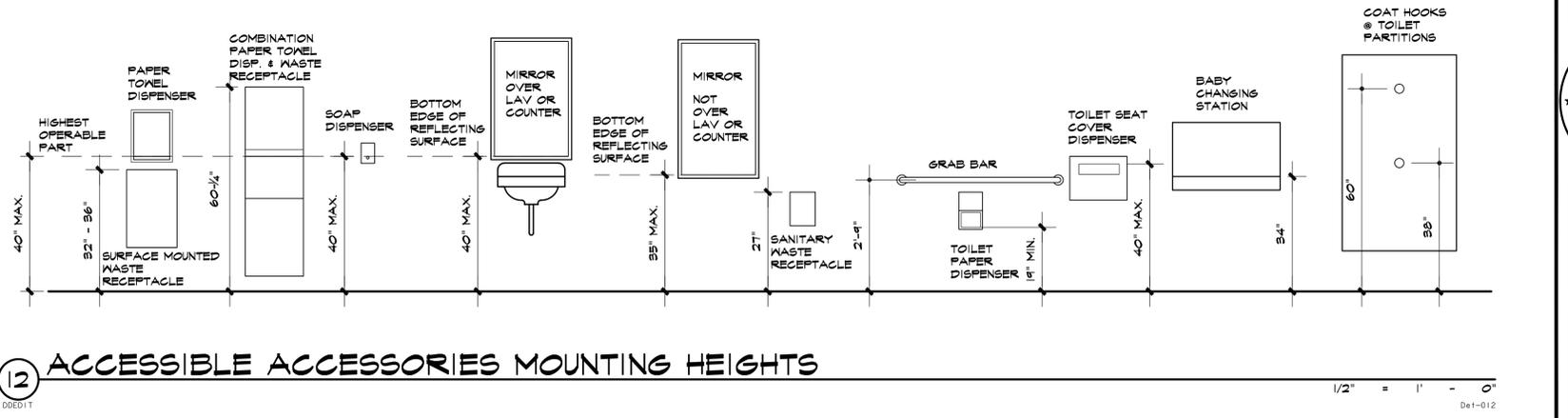
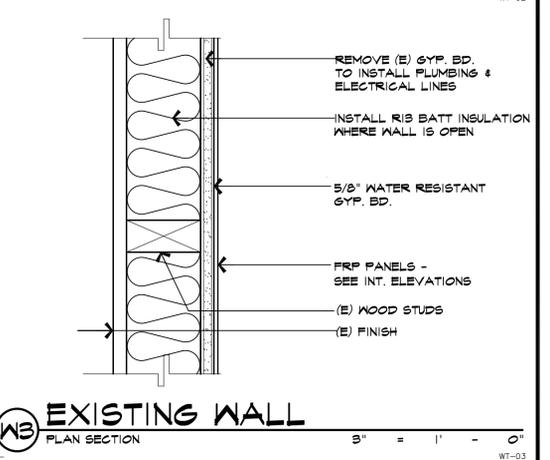
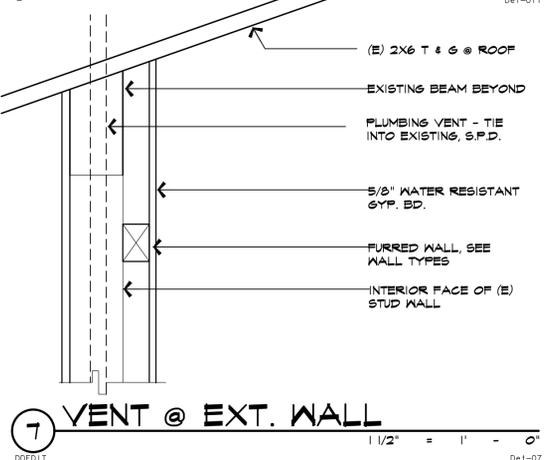
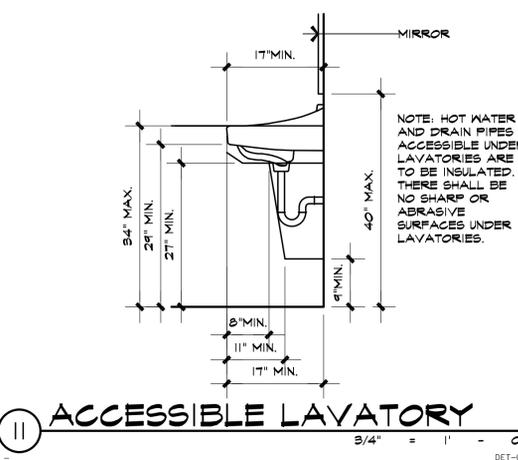
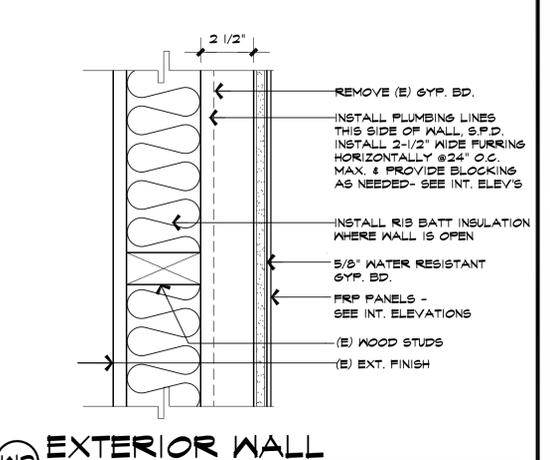
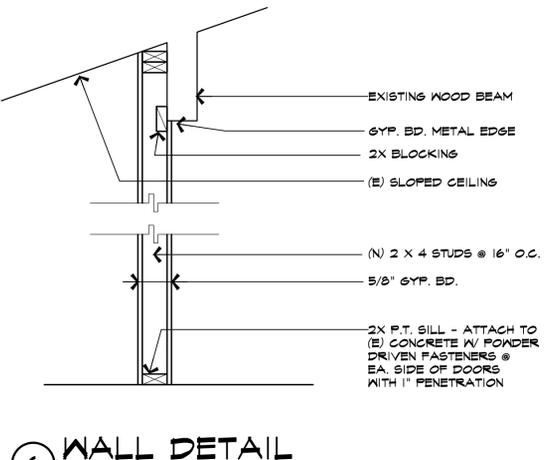
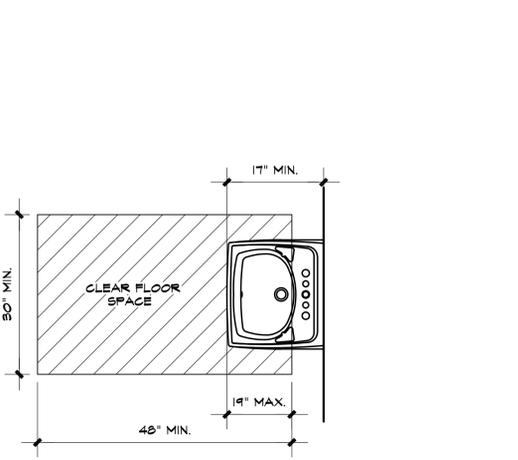
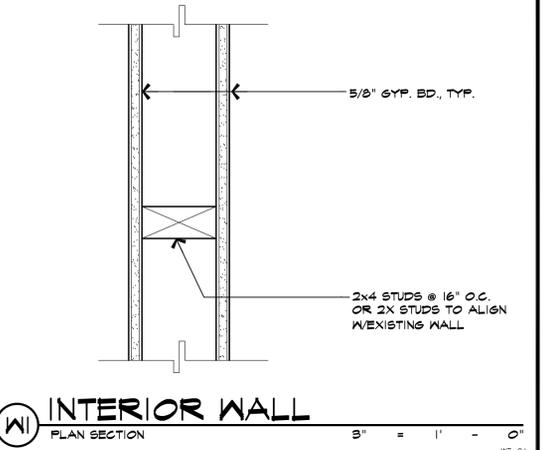
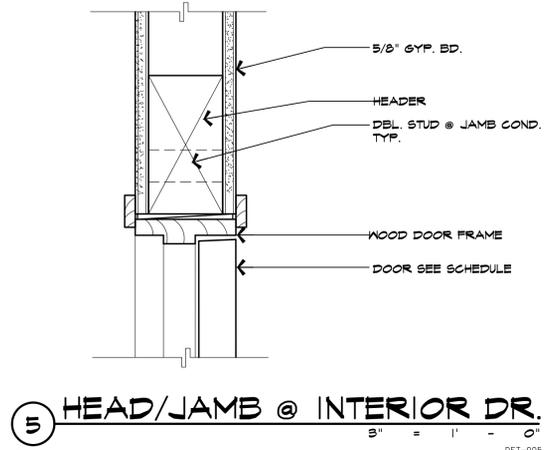
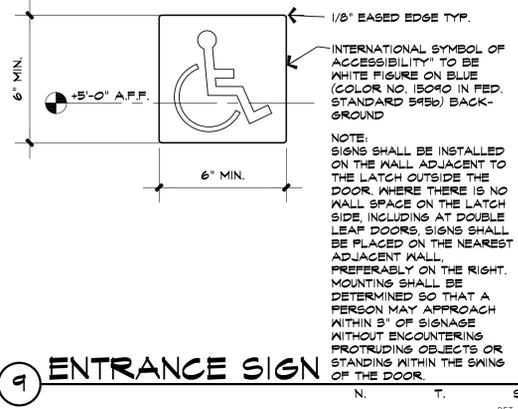
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|-----|---------------|
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| 2 | 10/15/15 |
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| 5 | 10/15/15 |
| 6 | 10/15/15 |
| 7 | 10/15/15 |
| 8 | 10/15/15 |
| 9 | 10/15/15 |
| 10 | 10/15/15 |

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



| NO. | DATE/REVISION |
|-----|-------------------|
| CD | Submittal 5-12-15 |

| NO. | DATE/REVISION |
|-----|---------------|
| | |



Details

| | |
|-----------|------|
| CHECK BY: | |
| JOB NO.: | 1501 |

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.)

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 Cleanups

- 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.

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 large 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.



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

Paint Disposal, Return or Donation

- Dispose of unwanted liquid paint, thinners, solvents, glues, and 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



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.

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.

Dewatering Operations

Storm Drain Pollution From Dewatering Activities

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

Check for Sediment or Toxic Pollutants

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

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

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: DATE: 1/26/2011
TIMM BORDEN, RCE 45512 12/31/12
DIRECTOR OF PUBLIC WORKS

CONSTRUCTION BEST MANAGEMENT PRACTICES

CITY OF CUPERTINO
DEPARTMENT OF PUBLIC WORKS

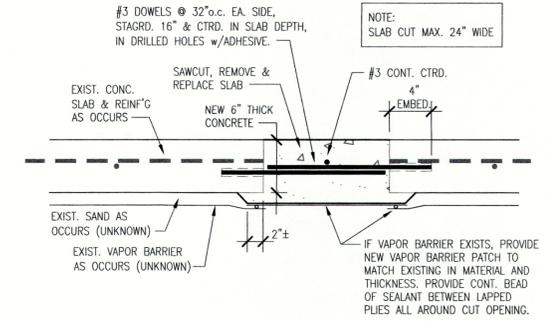
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OF SHEETS

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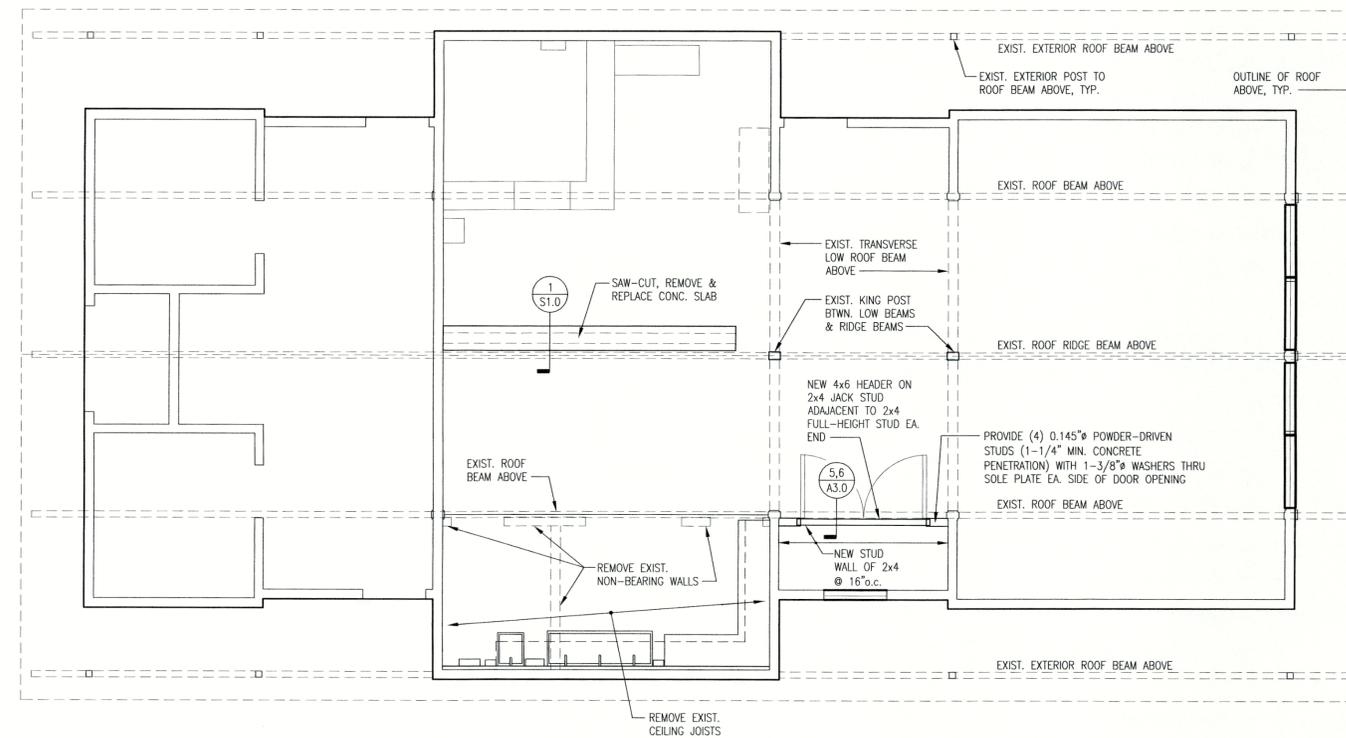
1. CONSTRUCTION SHALL BE IN COMPLIANCE WITH 2013 CALIFORNIA BUILDING CODE AS ADOPTED BY LOCAL JURISDICTION.
2. ALL CONCRETE WORK SHALL CONFORM TO CHAPTER 19 OF THE 2013 CBC, 2011 ACI STANDARD 318 AND ASTM C94. CEMENT SHALL BE PORTLAND CEMENT TYPE II AND SHALL COMPLY WITH ASTM C150.
3. CONCRETE SHALL BE 5-SACK MIX MINIMUM FOR 28-DAY COMP. STRENGTH OF 3,000 PSI, WITH MAXIMUM SLUMP OF 5" AT TIME OF INSTALLATION. CONCRETE SHALL BE THOROUGHLY MIXED AND CONSOLIDATED INTO PLACE. FINISH TO MATCH EXISTING ADJACENT SLAB. CONCRETE IS NON-STRUCTURAL AND DOES NOT REQUIRE SPECIAL INSPECTION.
4. REBAR SHALL BE DEFORMED BARS PER ASTM A615 GRADE 40 OR GRADE 60.
5. ADHESIVE FOR REBAR DOWELS SHALL BE ONE OF THE FOLLOWING:
A) HILTI "HIT-RE 500-SD" ADHESIVE ANCHOR SYSTEM (ESR-2322).
B) SIMPSON "SET-XP" ADHESIVE ANCHOR SYSTEM (ESR-2508).
6. ALL WOOD CONSTRUCTION SHALL COMPLY WITH REQUIREMENTS OF CBC SECTION 2308, CONVENTIONAL LIGHT-FRAME CONSTRUCTION.
7. NEW LUMBER SHALL BE DOUGLAS FIR. WALL STUDS SHALL BE CONSTRUCTION GRADE OR BETTER. ALL OTHER WOOD SHALL BE NO. 2 GRADE OR BETTER.
8. NEW WOOD SOLE PLATES ON CONCRETE SHALL BE PRESSURE-TREATED D.F. NO. 2 OR BETTER.
9. NAILS SHALL BE COMMON WIRE TYPE NAILS, AND SHALL BE HOT-DIP GALVANIZED WHERE EXPOSED TO WEATHER OR IN CONTACT WITH PRESSURE TREATED LUMBER.
10. 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.

GENERAL STRUCTURAL NOTES



① SLAB CUT & REPAIR

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



Ⓐ KEY STRUCTURAL PLAN

1/4" = 1'-0"

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

akb STRUCTURAL ENGINEERS, INC.
1004 WERTMAN AVE. SUITE 8
SAN JOSE, CALIFORNIA 95128
WEB SITE: WWW.AKBE.COM
PHONE: 408.947.9100
FAX: 408.947.7919
ART: JOB #45-023

| NO. | DATE/REVISION |
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| 00 | Submittal |
| 1-3 | 15 |
| 4-30 | 15 |

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



Floor Plans

CHECK BY:
JOB NO: 150

S1.0

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 |

VAO User: Kenny Xref Files: [A-STMP-SIGN] [A-LABEL] [105-BD] [105-BD]

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| NO. | DATE/REVISION |
|-----|--------------------------|
| 1 | Permit Submittal 5-12-15 |

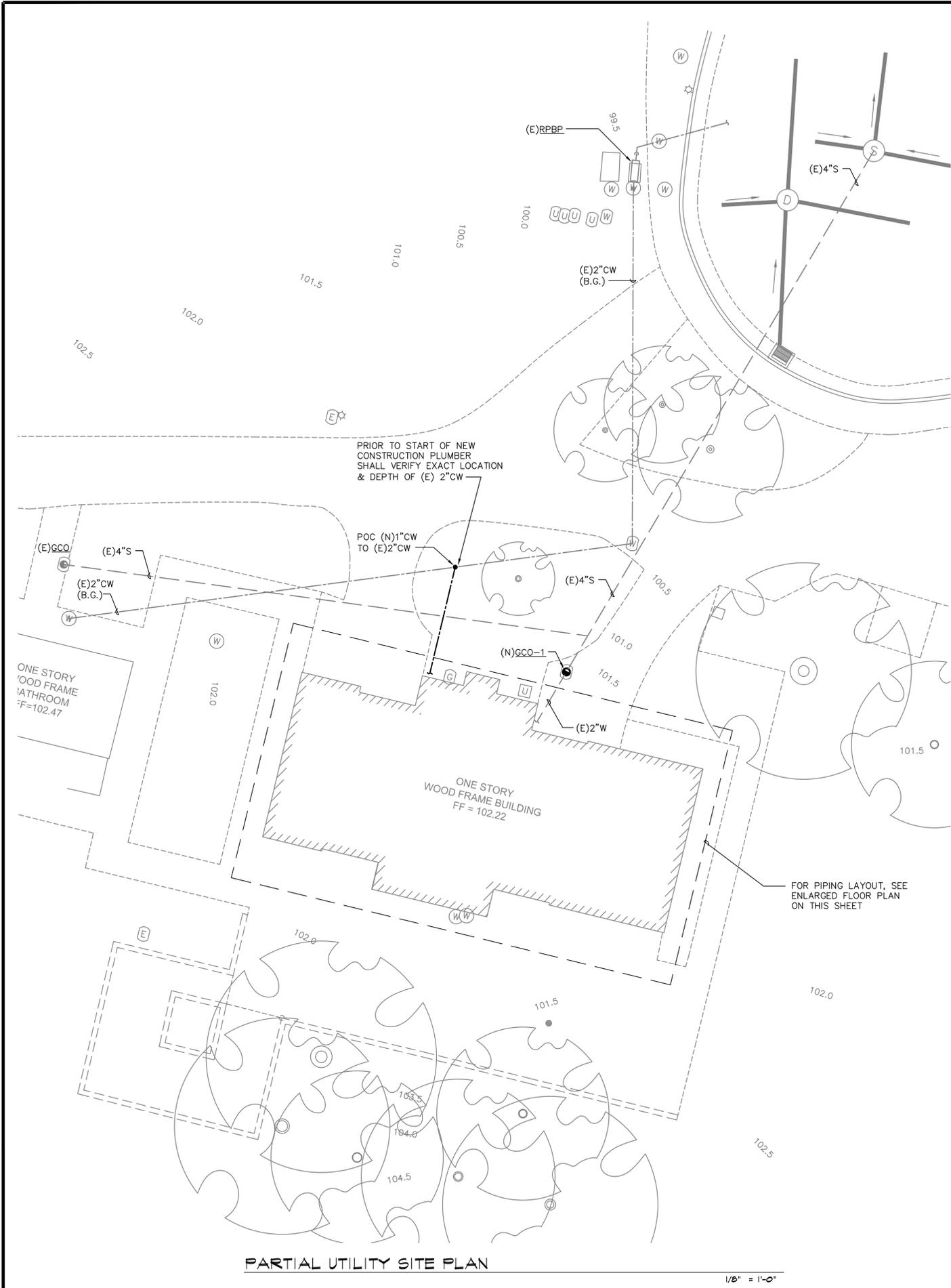
WILSON PARK RENOVATIONS
Recreation Building and
Baseball Park Improvements
Wilson Park
Cupertino, CA



Plumbing
Cover
Sheet
CHECK BY:
JOB NO: 1501

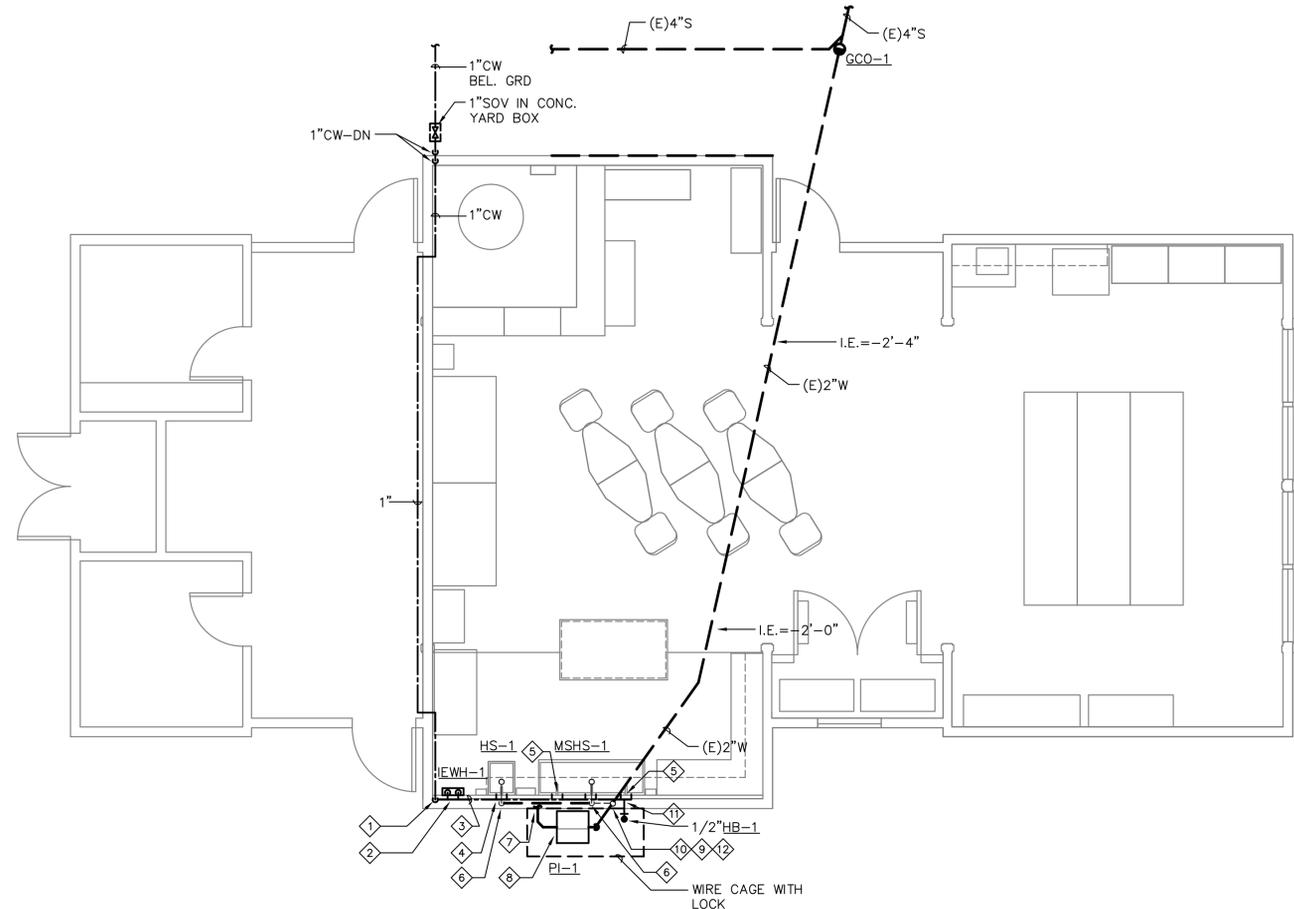
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PARTIAL UTILITY SITE PLAN

1/8" = 1'-0"



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.

ENLARGED BUILDING PLAN

1/4" = 1'-0"

| NO. | DATE/REVISION |
|-----|---------------|
| 1 | 11-2-15 |
| 2 | 11-2-15 |
| 3 | 11-2-15 |
| 4 | 11-2-15 |
| 5 | 11-2-15 |
| 6 | 11-2-15 |
| 7 | 11-2-15 |
| 8 | 11-2-15 |
| 9 | 11-2-15 |
| 10 | 11-2-15 |
| 11 | 11-2-15 |
| 12 | 11-2-15 |



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Xrefs: LABEL 02E-Board_Wilson

GENERAL NOTES

1. 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.
2. 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.
3. THE CONTRACTOR SHALL CONSULT THE ARCHITECTURAL, MECHANICAL AND OTHER DRAWINGS RELATED TO THIS PROJECT FOR ADDITIONAL WORK TO BE PROVIDED.
4. ALL FEEDER AND BRANCH CIRCUIT CONDUITS SHALL BE INSTALLED CONCEALED IN FINISHED AREA, UNLESS OTHERWISE NOTED.
5. ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE LISTED BY UNDERWRITER'S LABORATORIES AND BEAR THEIR LABEL.
6. WHERE PERMITTED, SURFACE TYPE RACEWAY SYSTEM SHALL BE INSTALLED PARALLEL TO, OR AT RIGHT ANGLES TO BUILDING LINES.
7. 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.
8. UNLESS OTHERWISE INDICATED, THE MINIMUM SIZE OF CONDUCTORS SHALL BE #12 AWG THWN OR THHN COPPER ONLY.
9. UNLESS OTHERWISE INDICATED, THE MINIMUM SIZE OF CONDUIT SHALL BE 3/4" EMT.
10. 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.
11. 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.
12. 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.
13. 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.
14. ELECTRICAL EQUIPMENT AND FEEDERS SHALL BE SUPPORTED AND/OR ANCHORED IN ACCORDANCE WITH THE 2010 CBC SEISMIC REQUIREMENTS.
15. 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.
16. 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.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL REQUIRED ELECTRICAL PERMIT AND INSPECTION.
18. 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

- GFCI
- 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.



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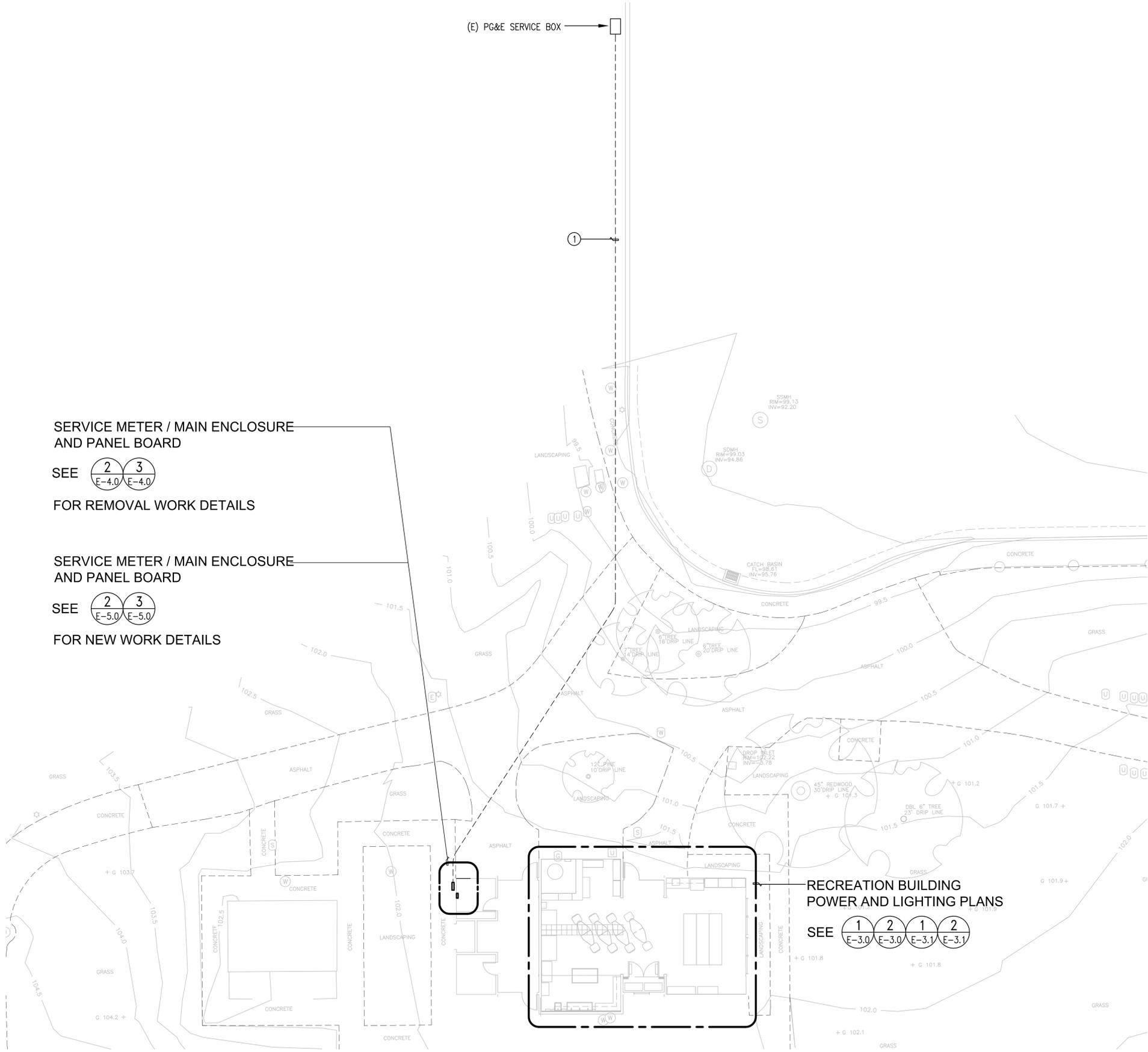
WILSON PARK RENOVATIONS
Recreation Building and
Baseball Park Improvements
Wilson Park
Cupertino, CA

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

E-1.0

SHEET NOTES:

- ① (E) 2".C. REMOVE EXISTING CONDUCTORS AND INSTALL (N) CONDUCTORS BY PG&E.



SERVICE METER / MAIN ENCLOSURE AND PANEL BOARD

SEE $\begin{matrix} 2 & 3 \\ \text{E-4.0} & \text{E-4.0} \end{matrix}$

FOR REMOVAL WORK DETAILS

SERVICE METER / MAIN ENCLOSURE AND PANEL BOARD

SEE $\begin{matrix} 2 & 3 \\ \text{E-5.0} & \text{E-5.0} \end{matrix}$

FOR NEW WORK DETAILS

RECREATION BUILDING POWER AND LIGHTING PLANS

SEE $\begin{matrix} 1 & 2 & 1 & 2 \\ \text{E-3.0} & \text{E-3.0} & \text{E-3.1} & \text{E-3.1} \end{matrix}$

1
-

ELECTRICAL - SITE PLAN

SCALE: 1" = 10'-0"



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Wilson Park
Cupertino, CA

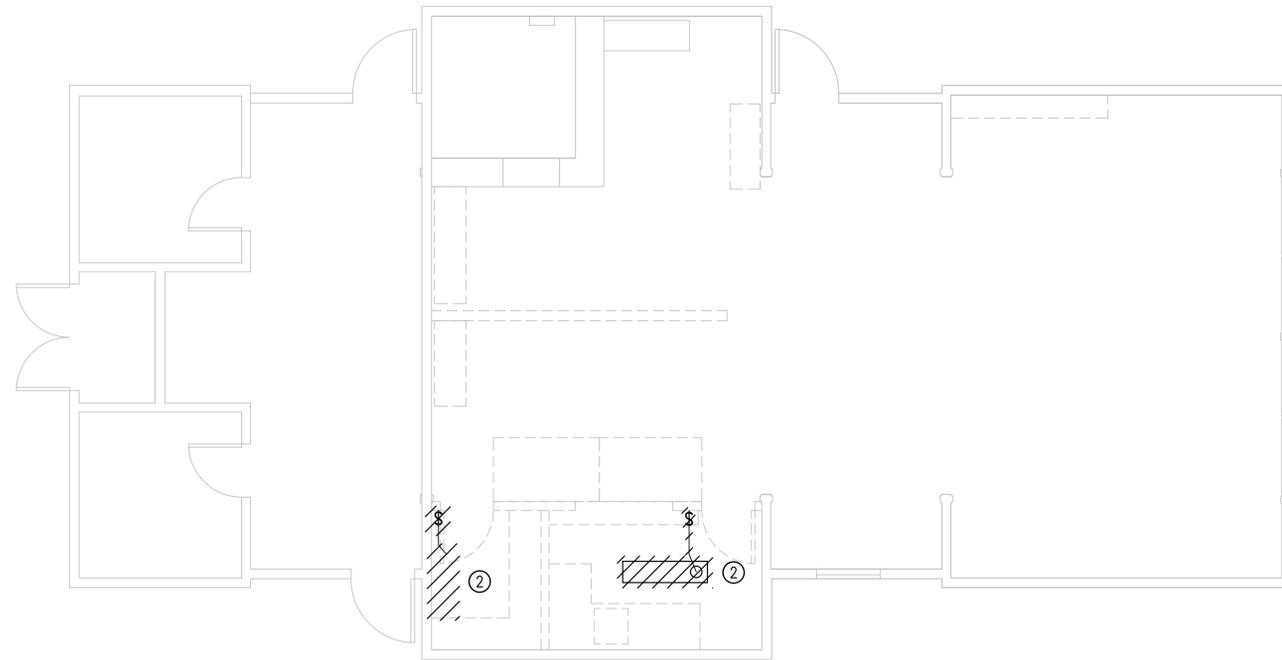
Electrical
Site Plan
CHECK BY:
JOB NO: 1501

E-2.0

File: M:\15595-02_Wilson_Park\01E3.0_Power-lighting-Demolition.dwg, 5/12/2015 12:01 PM, Last saved: Vuong, PlotDate: 5/13/2015 2:36 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 xpkm_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.



CD SET (5/12/15)

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 991 West Hedding St. Ste. 101 San Jose, CA 95126
 Tel. 408.364.1377 Fax: 408.364.1380

Engineers, inc.
 3350 Scott Blvd., Bldg. 11
 San Jose, CA 95134
 (408) 986-8558
 FAX (408) 986-9627
 PROJECT NO. 15595-02

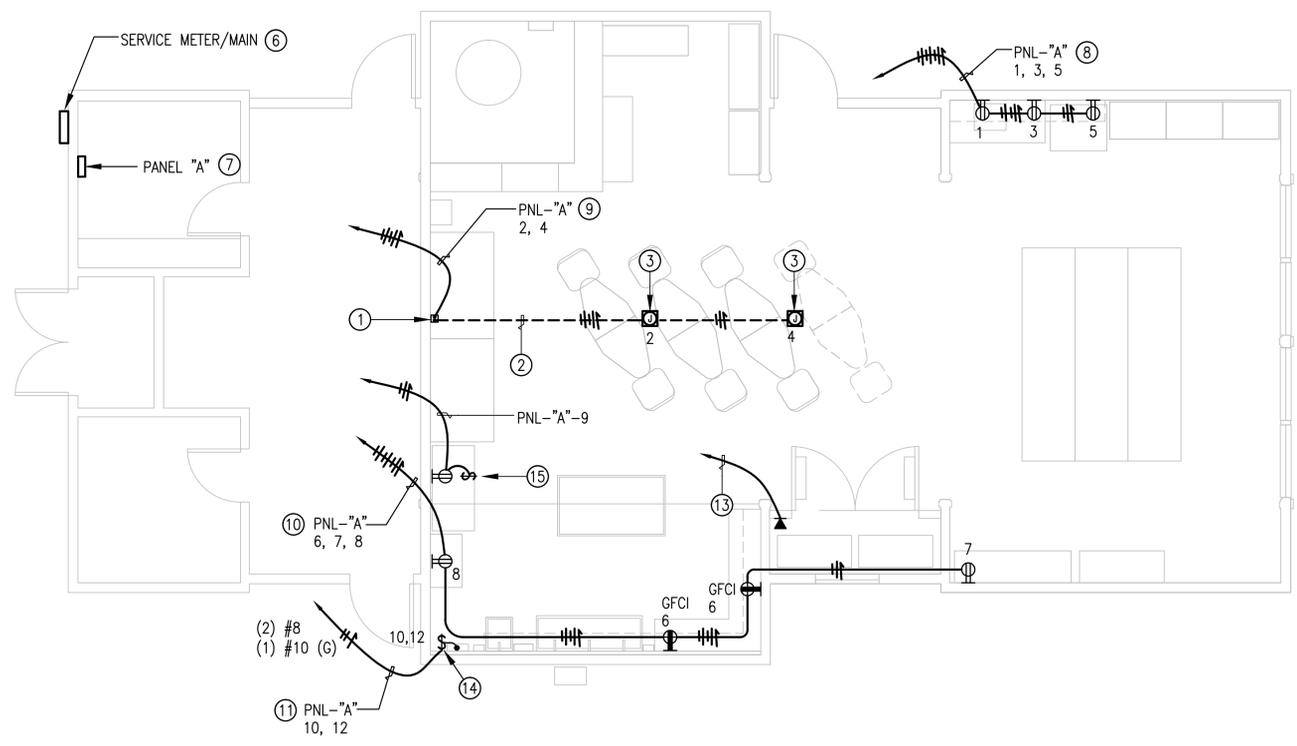
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WILSON PARK RENOVATIONS
 Recreation Building and
 Baseball Park Improvements
 Wilson Park
 Cupertino, CA

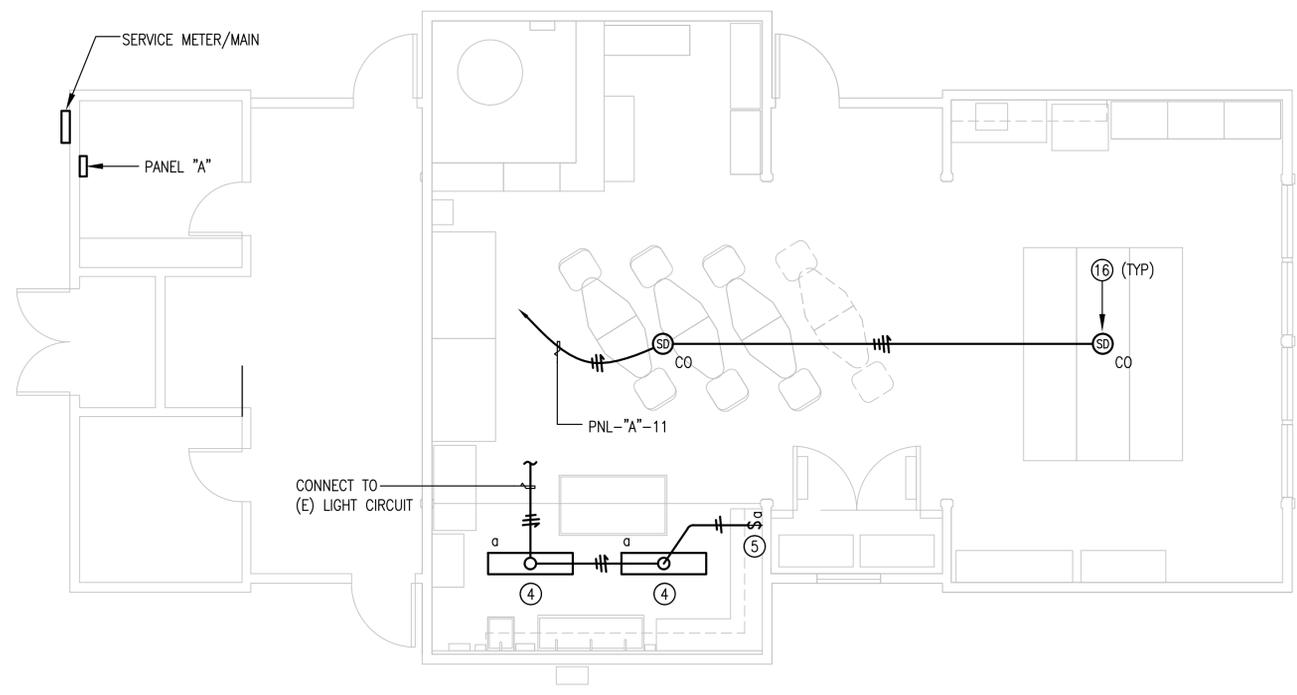
Power and
 Lighting Plans
 (Removal Work)
 CHECK BY:
 JOB NO: 1501

E-3.0

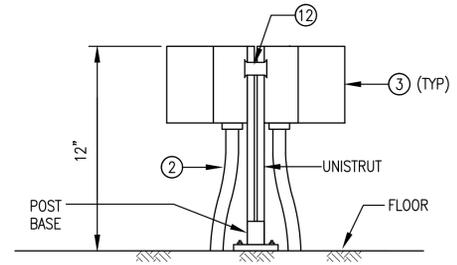
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 Xrefs: LABEL 02E-Board-Wilson xpkm_1501.wilson rec



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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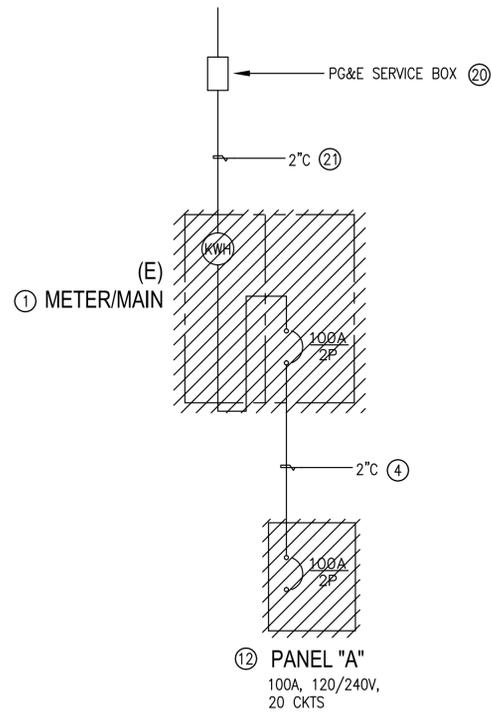
Engineers, inc.
 3350 Scott Blvd., Bldg. 11
 San Jose, CA 95134
 (408) 986-8558
 FAX (408) 986-9627
 PROJECT NO. 15595-02

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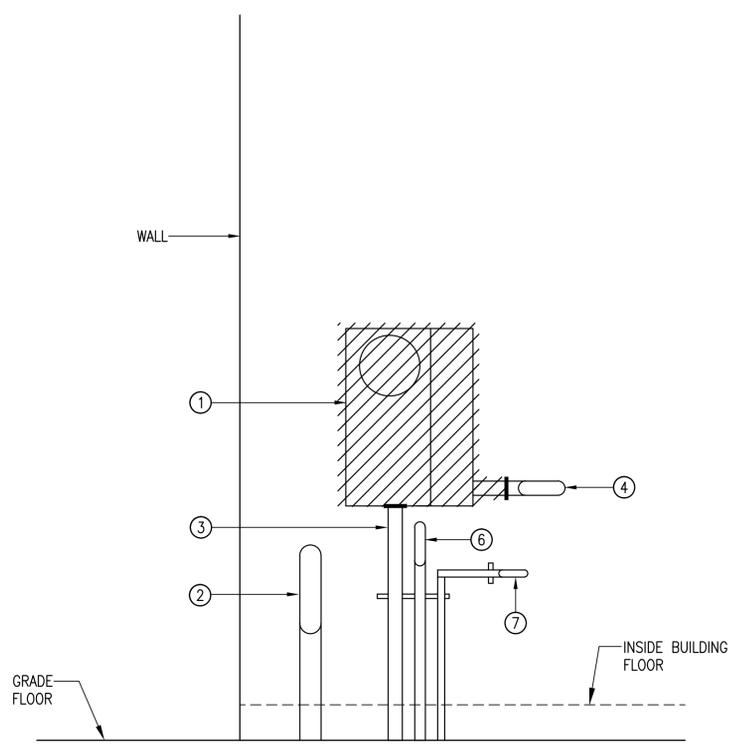
WILSON PARK RENOVATIONS
 Recreation Building and
 Baseball Park Improvements
 Wilson Park
 Cupertino, CA

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

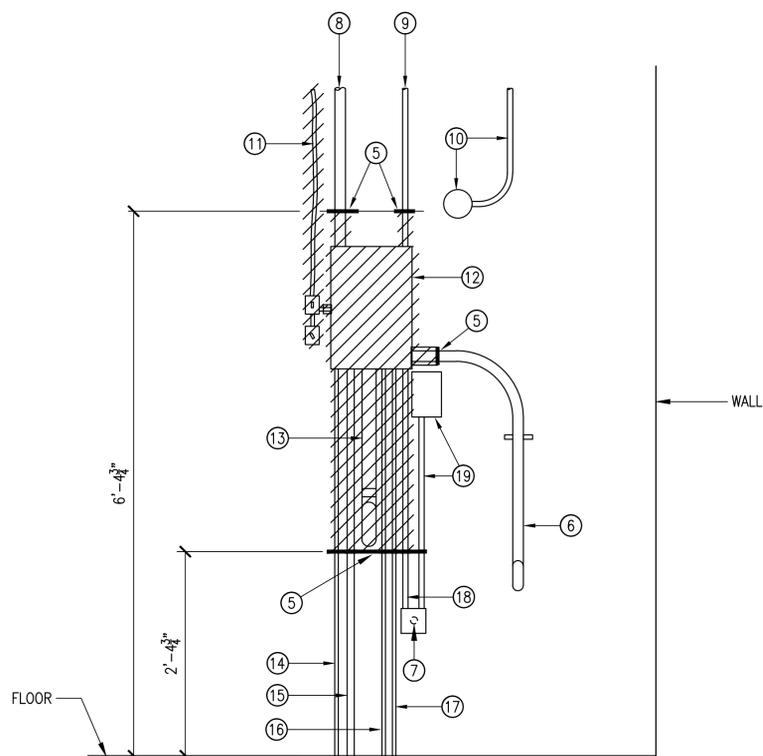
| DESCRIPTION | LOADS/VA | | BKR. POLE | CKT. NO. | PHASE | BKR. POLE | LOADS/VA | | DESCRIPTION |
|-------------|----------|---|-----------|----------|-------|-----------|----------|---|----------------|
| | A | B | | | | | A | B | |
| RECEPTACLES | - | - | 20/1 | 1 | A | 2 | 20/1 | - | LIGHTS CEILING |
| | - | - | 20/1 | 3 | A | 4 | 20/1 | - | |
| | - | - | 20/1 | 5 | A | 6 | 20/1 | - | LIGHTS |
| | - | - | 20/1 | 7 | A | 8 | 20/1 | - | LIGHTS |
| | - | - | 20/1 | 9 | A | 10 | 20/1 | - | 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"

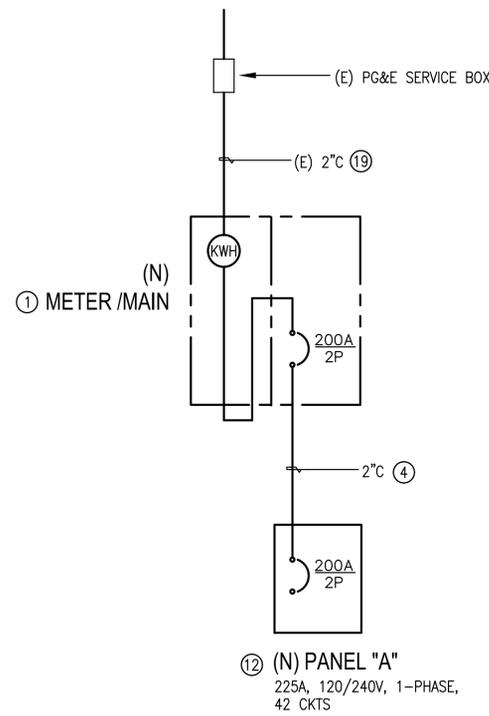
GENERAL NOTES:

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

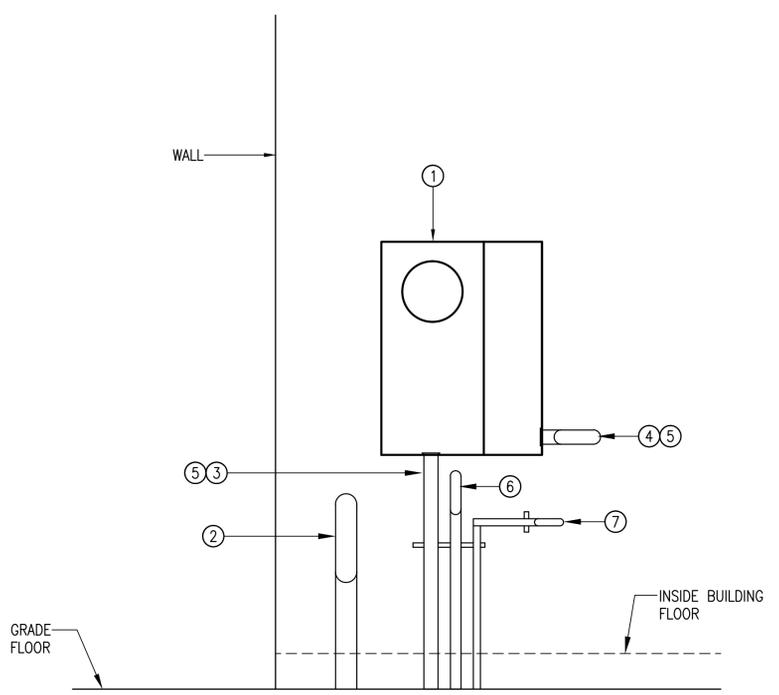
SHEET NOTES:

- 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.
- (E) 2". PG&E TO REMOVE CONDUCTORS. SEE DWG. E-5.0 FOR (N) CONDUCTORS INSTALLATION BY PG&E.





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



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

(NEW)

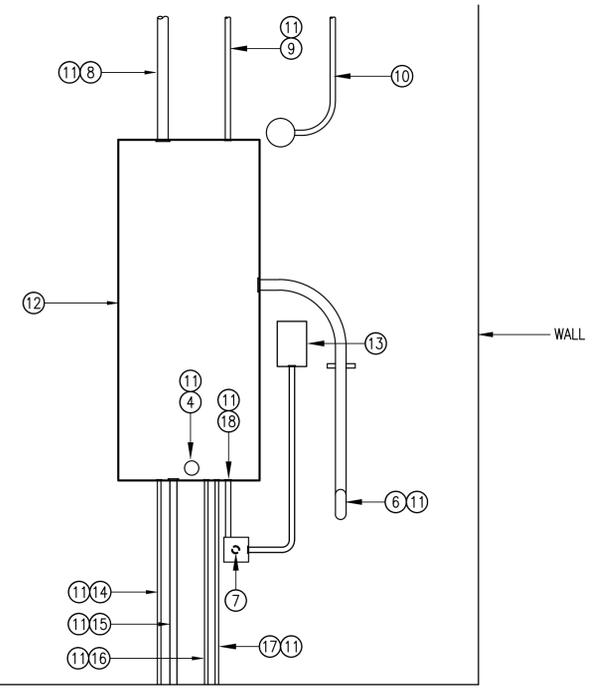
ENCLOSURE NEMA 1, INTERRUPTING DUTY 120/240 VOLT, 1 PHASE, 3 WIRE
MOUNTING SURFACE, BREAKER 22KAIC A, 200 A. MAIN BREAKER, 225 A. BUS

| DESCRIPTION | LOADS/VA | | BKR. POLE | CKT. NO. | PHASE | | BKR. POLE | LOADS/VA | DESCRIPTION |
|------------------------|----------|---|-----------|----------|-------|---|-----------|----------|------------------------|
| | A | B | | | A | B | | | |
| MICROWAVE | - | - | 20/1 | 1 | - | - | 30/1 | - | RECEPTACLE STANCHION |
| REFRIGERATOR | - | - | 20/1 | 3 | - | - | 30/1 | - | RECEPTACLE STANCHION |
| CONVENIENCE RECEPTACLE | - | - | 20/1 | 5 | - | - | 20/1 | - | KITCHEN COUNTER RECPTS |
| GRINDER RECEPTACLE | - | - | 20/1 | 7 | - | - | 20/1 | - | CONVENIENCE RECEPTACLE |
| FAN | - | - | - | 9 | - | - | 40 | - | ELECTRIC WATER HEAT |
| SMOKE DETECTORS POWER | - | - | - | 11 | - | - | 2 | - | ↓ |
| SPACE | - | - | - | 13 | - | - | 20/1 | - | SPARE |
| RECEPTACLES | - | - | 20/1 | 23 | - | - | 20/1 | - | LIGHTS CEILING |
| KILN | - | - | 80 | 35 | - | - | 2 | - | ↓ |
| RESTROOM | - | - | 20/1 | 39 | - | - | 60 | - | ↓ |
| PARK LIGHTS | - | - | 20/1 | 41 | - | - | 30/1 | - | ↓ |

TOTAL: - KVA PANEL # "A" FEEDER SIZE SEE SINGLE LINE DIAGRAM

NOTE 2

NOTE 2



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

GENERAL NOTES:

- REPAIR, PATCH AND PAINT ALL SURFACES DAMAGED BY THE INSTALLATION OF METER/MAIN AND PANEL.
- 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:

- PROVIDE (N) SELF-CONTAINED METER MAIN TERMINATION BOX, 200A, 240/120V, 22KAIC, BREAKER INSTALLED, RING TYPE. SIZE 22 3/4" x 30" x 6"D. MANUFACTURER: MILBANK CAT. #U224MTB/22.
- (E) 3" (IRRIGATION WIRES - NOT IN SERVICE).
- (E) 2" (SERVICE CONDUIT). CONDUCTORS BY PG&E.
- (E) 2" (200A SERVICE) WITH
(N) 2 #3/0 AWG
(N) 1 #3/0 AWG (NEUTRAL)
(N) 1 #6 AWG (G)
- TERMINATE (E) CONDUIT INTO (N) METER/MAIN.
- 1 1/2" (REST ROOM POWER PANEL).
- 1" (PARK LIGHTS).
- 1" (KILN PANEL).
- 3/4" (AC UNIT).
- EXISTING BOX AND CONDUIT.
- TERMINATE (E) CONDUIT INTO (N) PANELBOARD. INSTALL OR RECONNECT WIRES AS INDICATES IN PANEL SCHEDULE ON THIS DRAWING.
- PROVIDE (N) 225A, 120/240V, 1-PH PANELBOARD, 42 CKTS. NEMA TYPE 1 PANEL BOARD, EATON OR SQUARE D. TERMINATE (E) CONDUIT INTO (N) PANELBOARD. RECONNECT WIRES AS INDICATES IN PANEL SCHEDULE ON THIS DRAWING.
- RE-INSTALL THE TIMER AND ITS ASSOCIATED CONDUITS AND CIRCUITS.
- 1/2" AND 3/4" (BEHIND).
- 1" (NOT USED).
- 1/2" AND 3/4" (BEHIND).
- 1/2" AND 3/4" (BEHIND).
- 3/4" TO REMAIN.
- (E) 2" WITH NEW SERVICE CONDUCTORS BY PG&E.



CD SET (5/12/15)

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991 West Hedding St. Ste 101 San Jose, CA 95126
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Folsom, CA 95630
(408) 986-8558
FAX (408) 986-9627
PROJECT NO. 15595-02

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

New Work
Details
CHECK BY:
JOB NO. 1501

E-5.0

PROJECT BENCHMARK

ELEVATIONS SHOWN HEREON ARE BASED ON AN ASSUMED DATUM. A MAG NAIL WAS SET IN THE STREET IN FRONT OF THE SITE. ELEVATION 100.00'.

SURVEYOR'S STATEMENT

THIS TOPOGRAPHIC SURVEY WAS PERFORMED BY:

TKM Land Surveyors
2250 Bohannon Drive
Santa Clara, CA 95050
408.615.8855

NOTES

1. PHYSICAL ITEMS SHOWN ON THIS SURVEY ARE LIMITED TO THOSE SURFACE ITEMS VISIBLE AS OF THE DATE OF THIS SURVEY AND FROM AVAILABLE RECORD DATA. SUBSURFACE OBJECTS, IF ANY, MAY NOT BE SHOWN. SAID SUBSURFACE OBJECTS MAY INCLUDE, BUT ARE NOT LIMITED TO, UNDERGROUND UTILITY LINES, UTILITY VAULTS, CONCRETE FOOTINGS, SLABS, SHORING, STRUCTURAL PILES, PIPING, UNDERGROUND TANKS, AND ANY OTHER SUBSURFACE STRUCTURES NOT REVEALED BY A SURFACE INSPECTION.
2. DIMENSIONS SHOWN HEREON ARE GROUND DISTANCES IN FEET AND DECIMALS THEREOF.
3. NO PROPERTY CORNERS ARE PROPOSED TO BE SET BY THIS SURVEY.
4. TREE TRUNK LOCATIONS ARE APPROXIMATE. TREES THAT CROSS A PROPERTY LINE AT GROUND LEVEL SHOULD BE CONSIDERED TO BE JOINTLY OWNED BY THE RESPECTIVE PROPERTY OWNERS. CONSULT AN ARBORIST FOR DETAILS.

LEGEND

- FACE OF BUILDING LINE
- WOODEN FENCE
- CHAINLINK FENCE
- AIR CONDITIONER
- IRRIGATION BOX
- GAS METER
- WATER METER
- LANDSCAPE LIGHT
- SANITARY SEWER CLEANOUT
- SANITARY SEWER MANHOLE
- STORMDRAIN MANHOLE
- WATER VALVE
- ELECTRICAL BOX
- AREA DRAIN

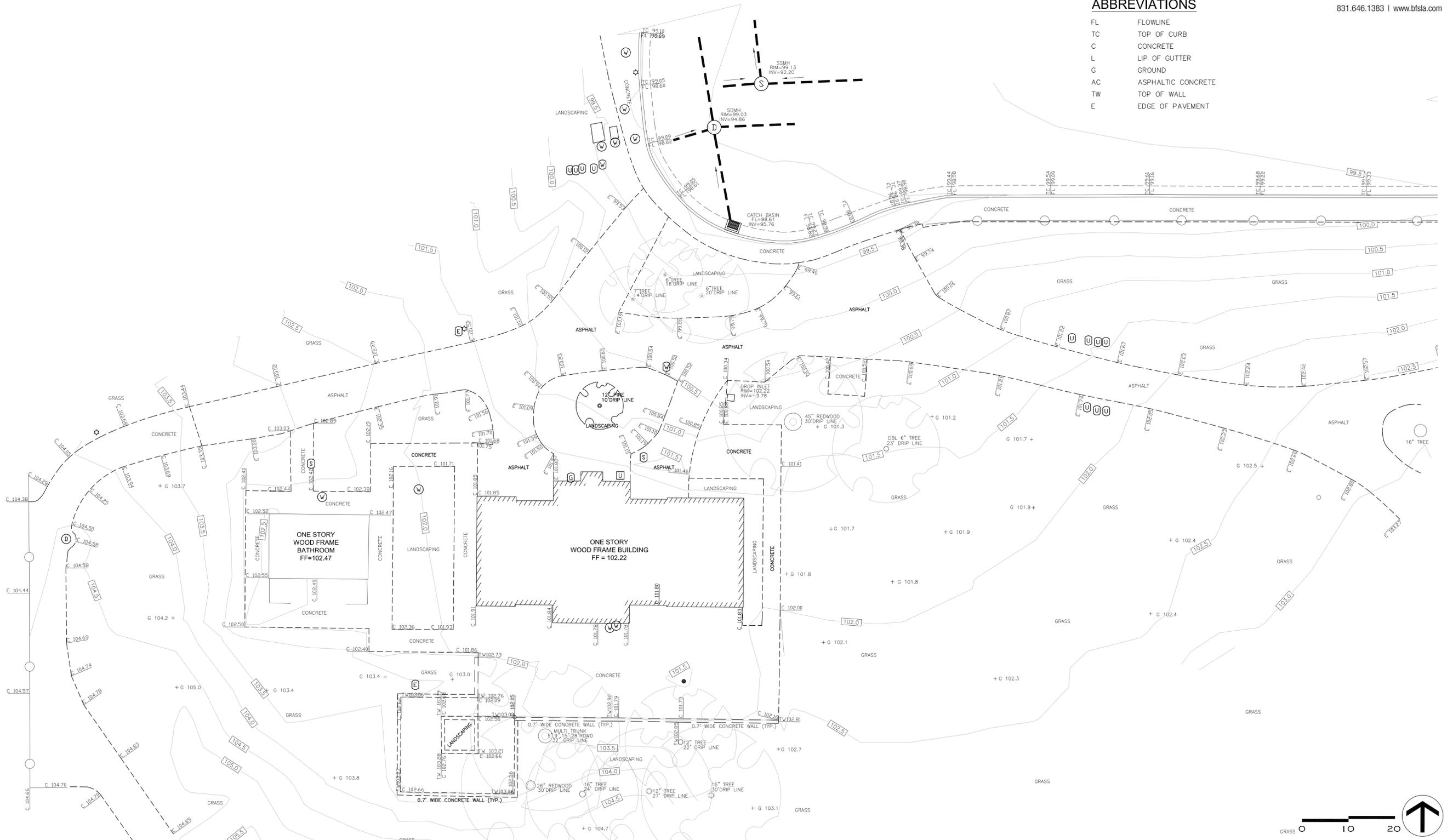
ABBREVIATIONS

- FL FLOWLINE
- TC TOP OF CURB
- C CONCRETE
- L LIP OF GUTTER
- G GROUND
- AC ASPHALTIC CONCRETE
- TW TOP OF WALL
- E EDGE OF PAVEMENT



LANDSCAPE ARCHITECTS

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



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

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

L-1.1

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

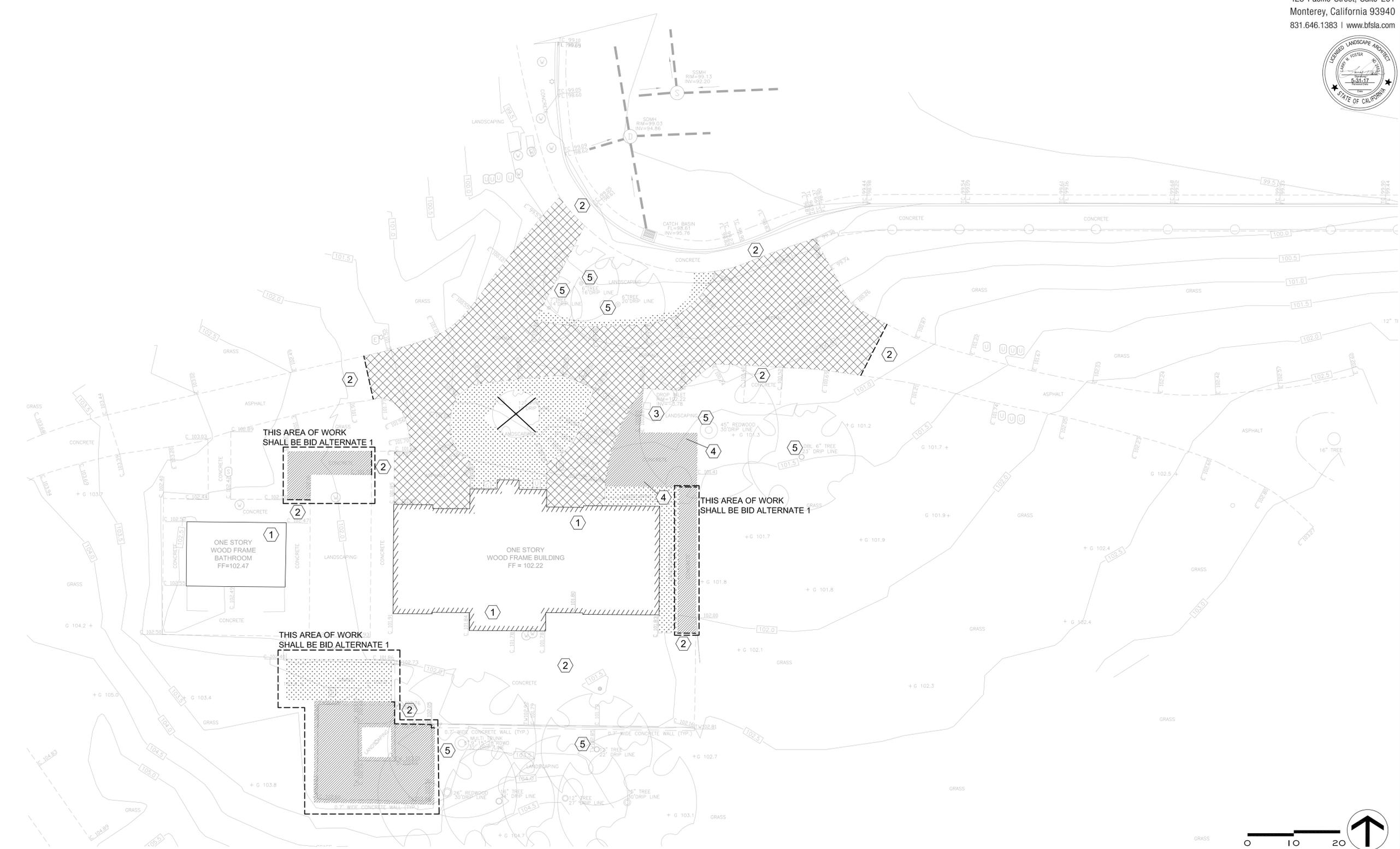
REFERENCE NOTES

-  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.



LANDSCAPE ARCHITECTS

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

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

L-2.1

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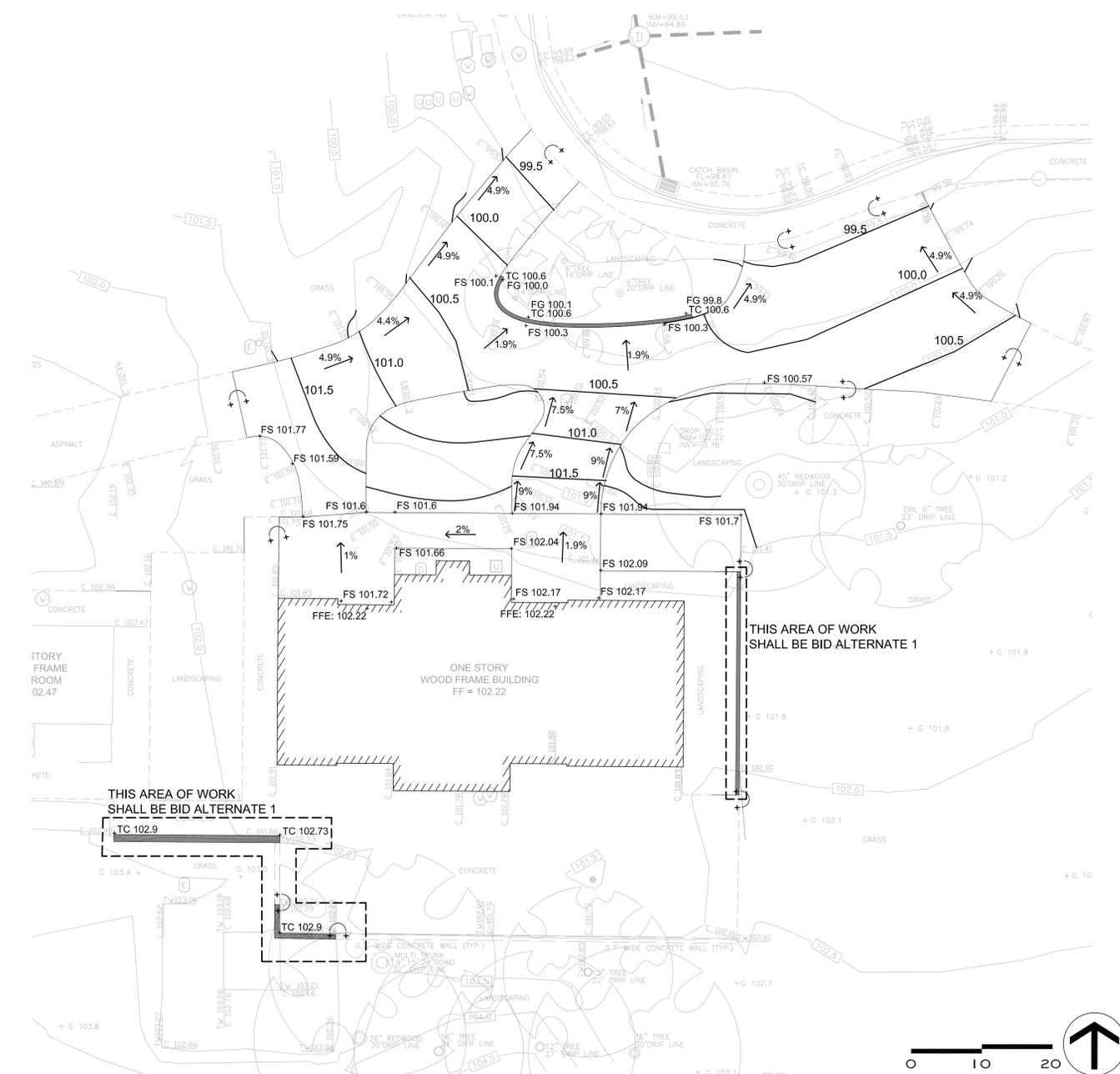
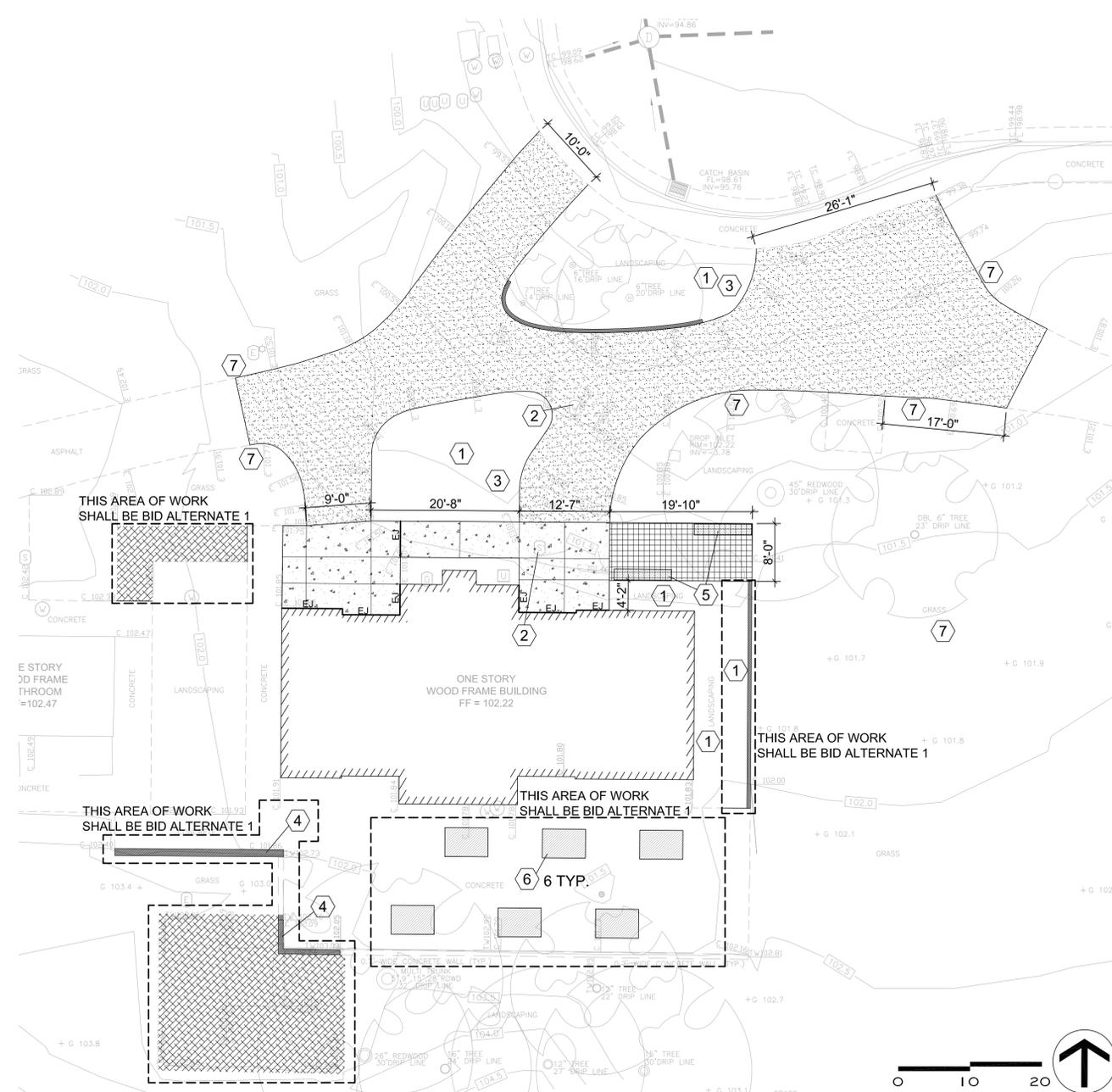
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WILSON PARK RENOVATIONS
Recreation Building and
Baseball Park Improvements
Wilson Park
Cupertino, CA

BFS Project #15.008
Construction and Grading Plans
Rec Building
CHECK BY:
JOB NO: 1501

L-3.1





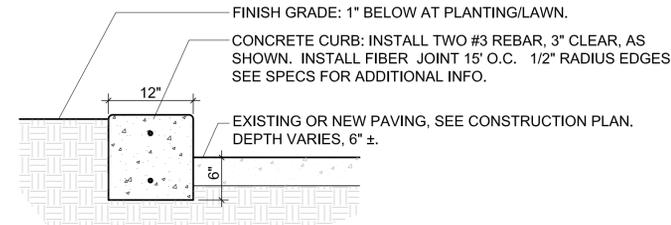
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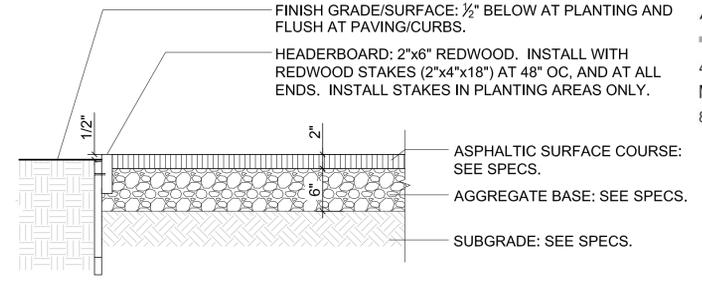


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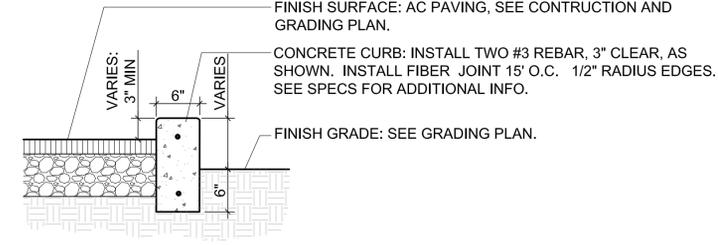
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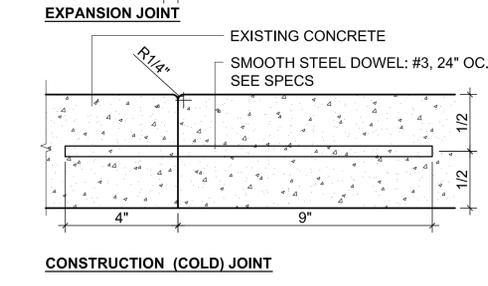
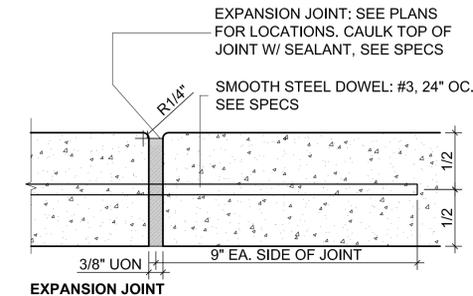
6 Concrete Curb - 12" Wide - BID ALTERNATE 1
1" = 1'-0"



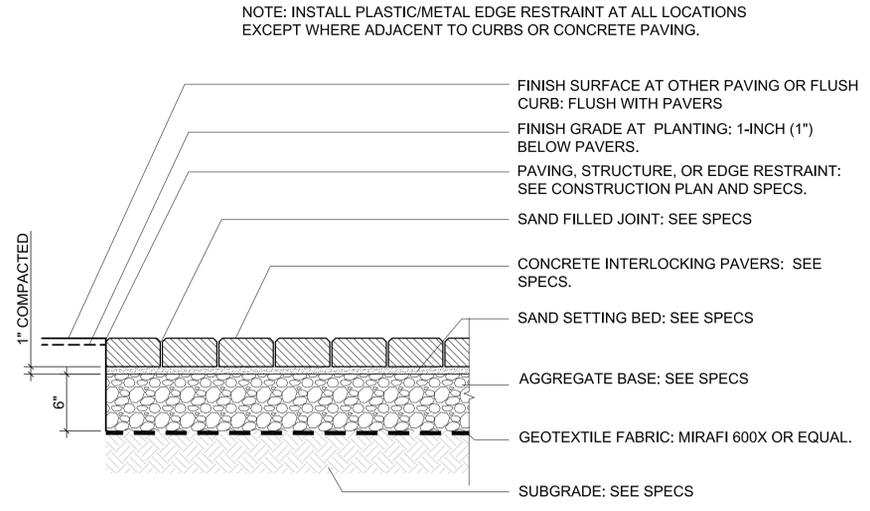
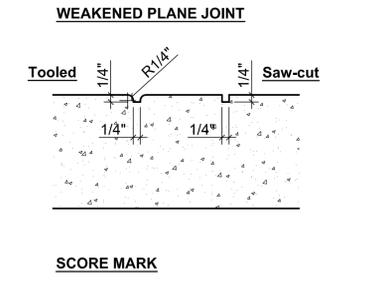
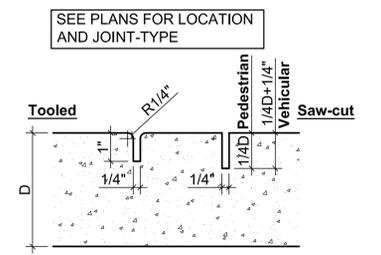
3 Asphalt Paving
1" = 1'-0"



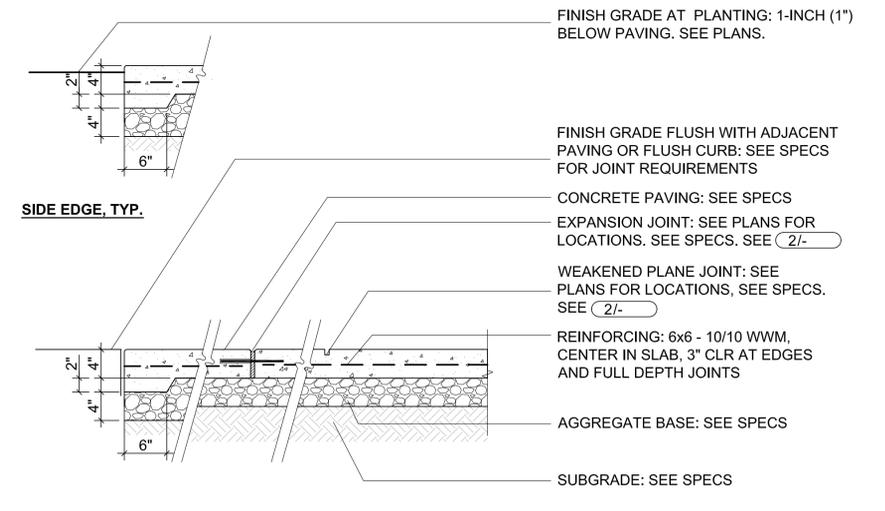
5 Concrete Curb - 6" Wide
1" = 1'-0"



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



4 Concrete Pavers
1" = 1'-0"



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

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

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

L-4.1

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.

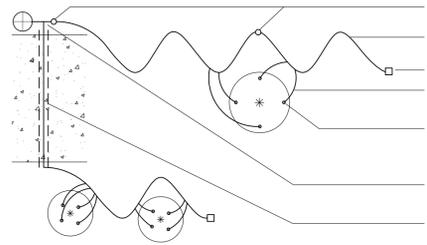
DRIP IRRIGATION TYPE-1 TYPICAL SCHEMATIC DIAGRAM

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 |

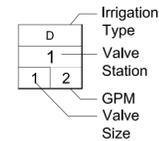
TYPICAL LAYOUT



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.

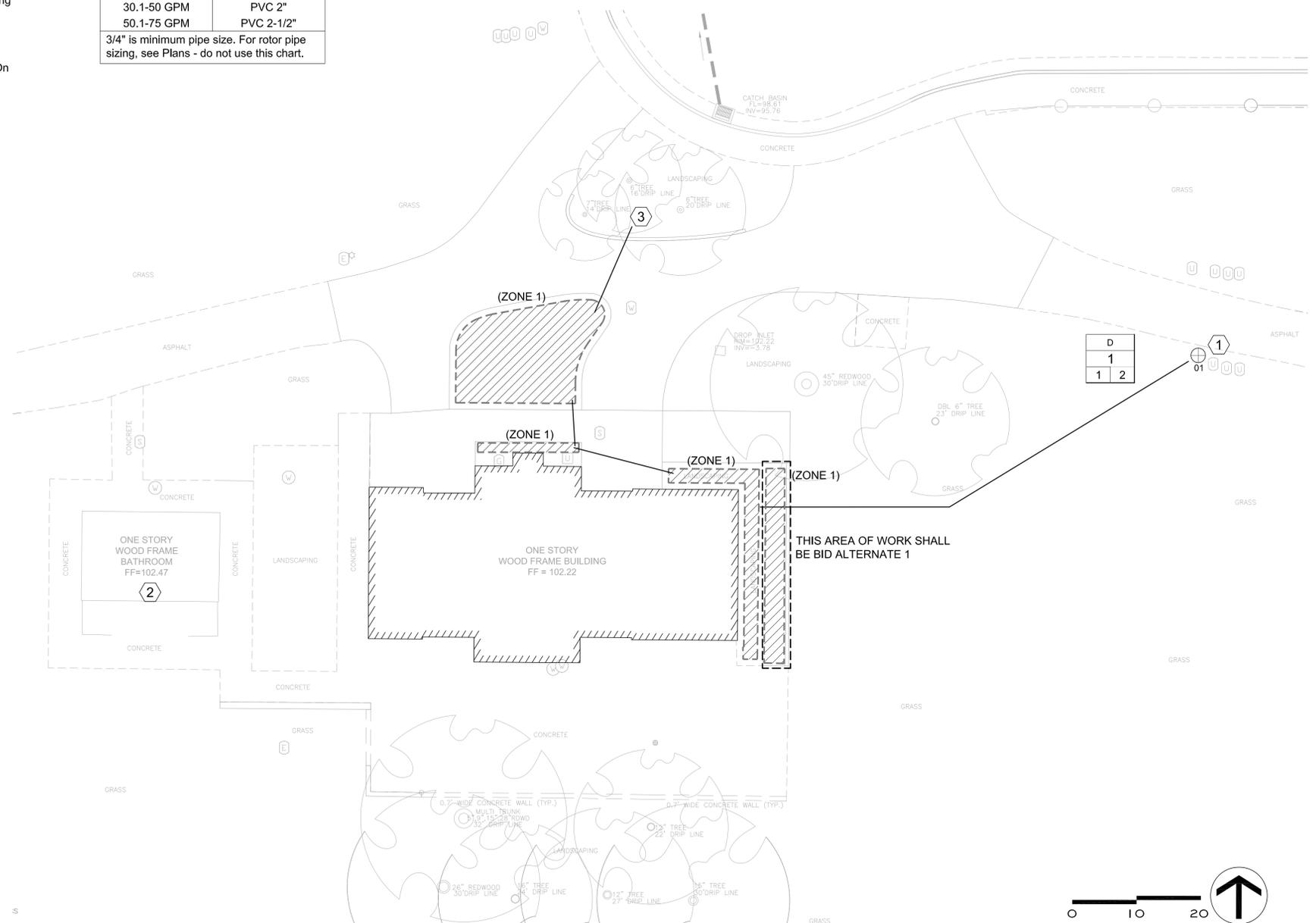


LEGEND

| SYMBOL | MANUFACTURER | DESCRIPTION |
|--------|---|--|
| | (ZONE 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) |
| | 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 | Rainbird XCZ-100 / 075-PRF Control Zone Kit. 100 > 4.5 GPM, 075 < 4.5gpm as required per zone |
| | | 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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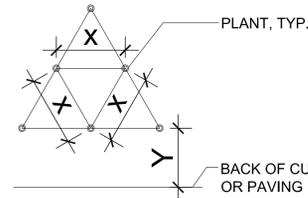
WILSON PARK RENOVATIONS
Recreation Building and
Baseball Park Improvements
Wilson Park
Cupertino, CA

BFS Project #15.008
Irrigation Plan
Rec Building
CHECK BY:
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L-5.1

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"

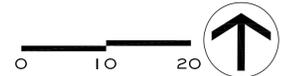
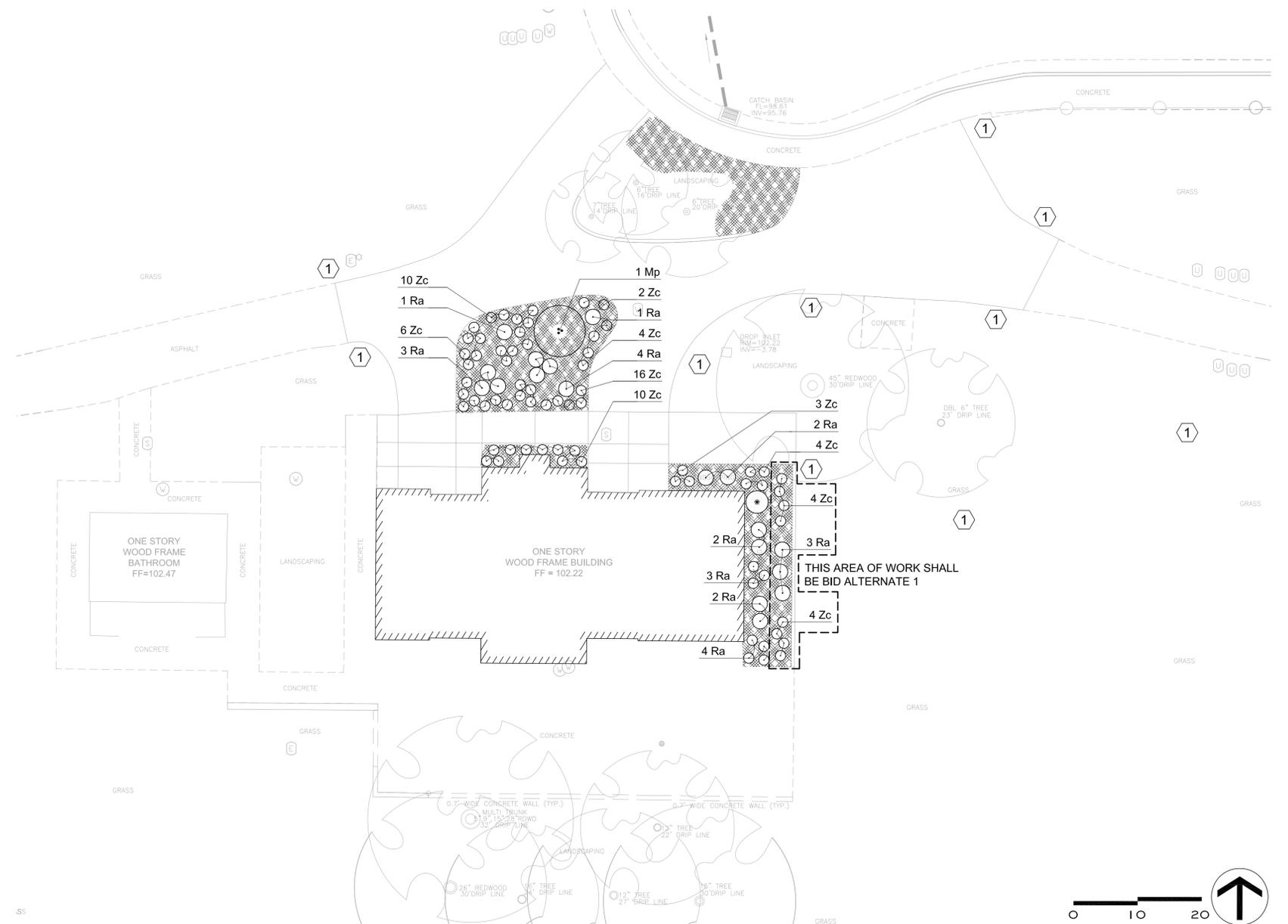
GROUNDCOVER SPACING AND PLANTING SETBACK DIAGRAM

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 edges of new walks, as required, to match existing. See planting specs.



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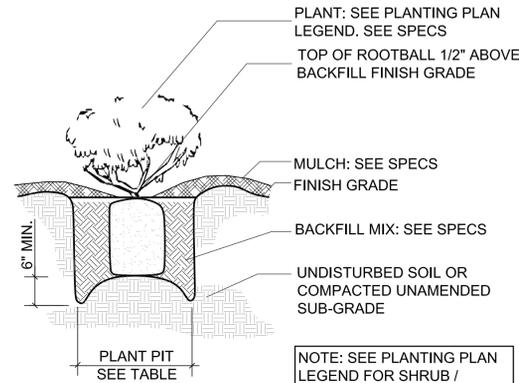
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WILSON PARK RENOVATIONS
Recreation Building and
Baseball Park Improvements
Cupertino, CA
Wilson Park

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 |

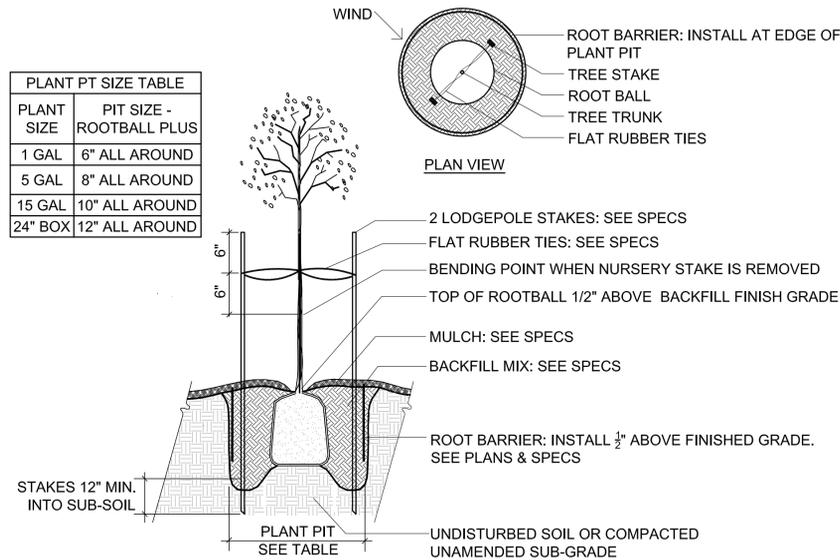


NOTE: SEE PLANTING PLAN LEGEND FOR SHRUB / GROUND COVER SPACING DIAGRAM.

6 Shrub / Groundcover Planting

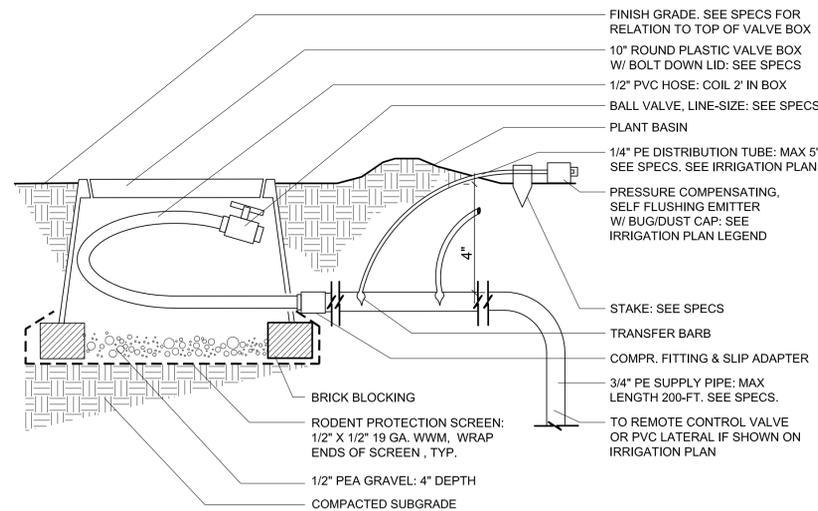
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| PLANT PIT SIZE TABLE | |
|----------------------|--------------------------|
| PLANT SIZE | PIT SIZE - ROOTBALL PLUS |
| 1 GAL | 6" ALL AROUND |
| 5 GAL | 8" ALL AROUND |
| 15 GAL | 10" ALL AROUND |
| 24" BOX | 12" ALL AROUND |



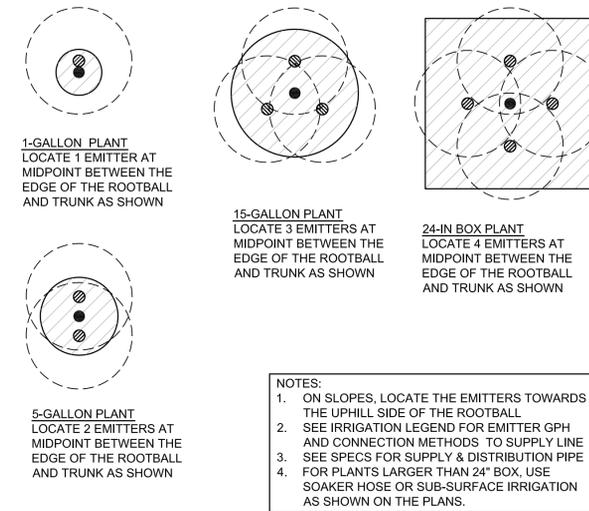
5 Tree Planting & Staking

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4 Drip Irrigation : PE Tube / Emitter / Flush Port

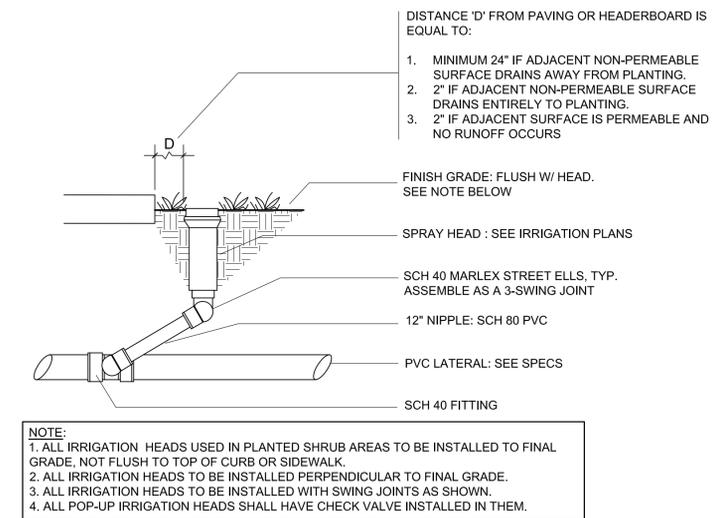
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NOTES:
 1. ON SLOPES, LOCATE THE EMITTERS TOWARDS THE UPHILL SIDE OF THE ROOTBALL
 2. SEE IRRIGATION LEGEND FOR EMITTER GPH AND CONNECTION METHODS TO SUPPLY LINE
 3. SEE SPECS FOR SUPPLY & DISTRIBUTION PIPE
 4. FOR PLANTS LARGER THAN 24" BOX, USE SOAKER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

3 Drip Irrigation : Emitter Layout

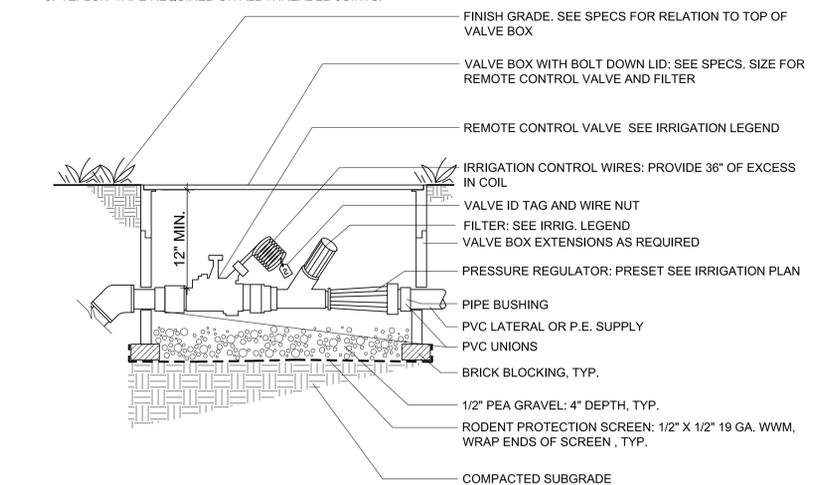
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2 Spray Pop Up

NTS

NOTE:
 1. ONE REMOTE CONTROL VALVE, FILTER, AND REGULATOR PER BOX.
 2. BOX SHALL NOT REST UPON OR TOUCH THE VALVE, FILTER OR ANY LATERAL AT ANY POINT.
 3. TEFLON TAPE REQUIRED ON ALL THREADED JOINTS.



1 Drip Irrigation : Valve Assembly

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