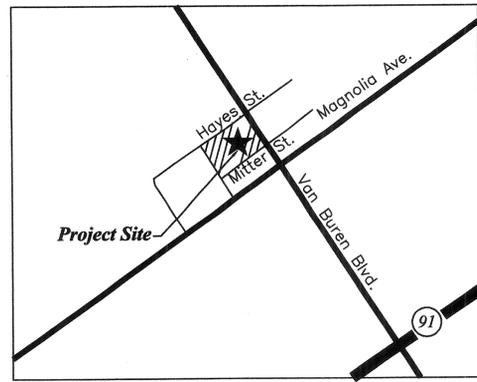


# CITY OF RIVERSIDE PARKS AND RECREATION DEPARTMENT CONSTRUCTION PLANS FOR PLAY AREA RENOVATIONS

## ARLINGTON PARK

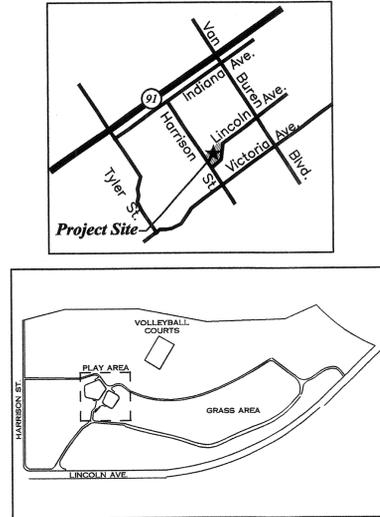


NOT TO SCALE



ARLINGTON PARK  
3860 VAN BUREN BLVD.  
RIVERSIDE, CALIFORNIA

## HARRISON PARK

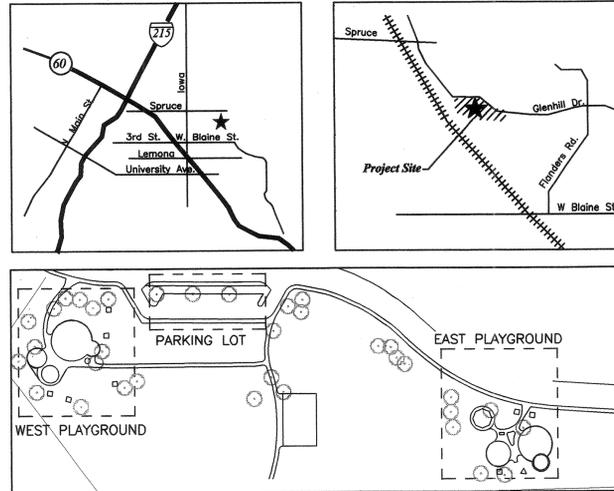


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HARRISON PARK  
HARRISON ST. AND  
LINCOLN AVE.  
RIVERSIDE, CALIFORNIA

## HIGHLAND PARK

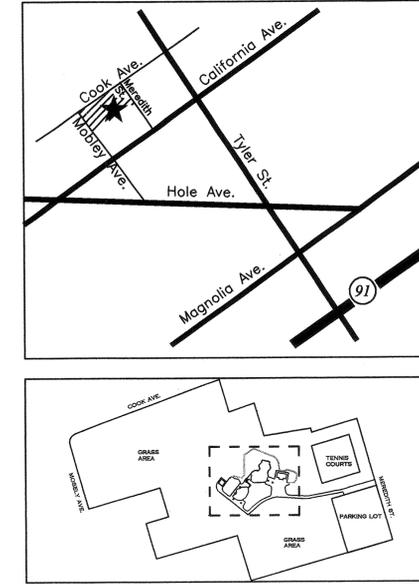


NOT TO SCALE



HIGHLAND PARK  
780 GLENHILL DR.  
RIVERSIDE, CALIFORNIA

## MYRA LINN PARK



NOT TO SCALE

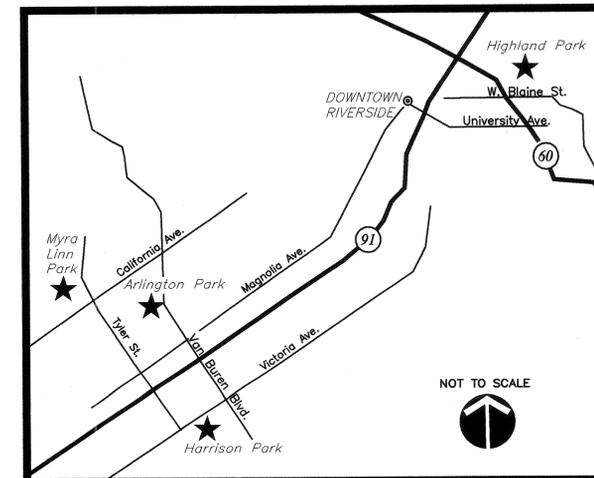


MYRA LINN PARK  
MOBLEY AVE. AND COOK AVE.  
RIVERSIDE, CALIFORNIA

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## GENERAL MAP



NOT TO SCALE



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CITY OF RIVERSIDE  
PLAY AREA RENOVATIONS



Date; 8-30-01  
Design; P. HIRSCH  
Job No; 0015

Description;

PACKAGE  
COVER  
SHEET

DRAWING

PR-CS

SHEET 1 OF 34

*Jerry Miller*  
PARK AND RECREATION DIRECTOR

8/22/01  
DATE:

*Dan Roberts*  
PARKS MAINTENANCE SUPERINTENDENT

8/22/01  
DATE:

# MYRA LINN PARK PLAY AREA RENOVATIONS

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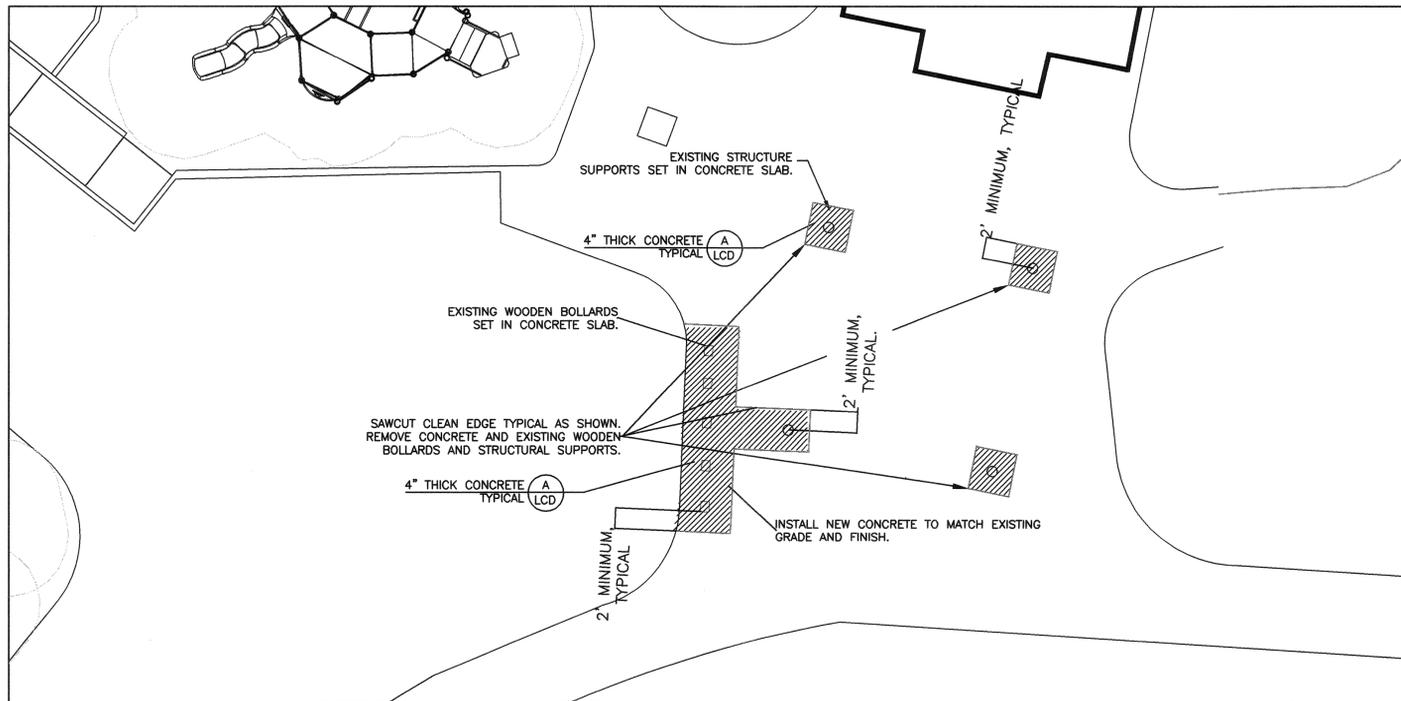
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Design; P. HIRSCH  
Job No; 0015

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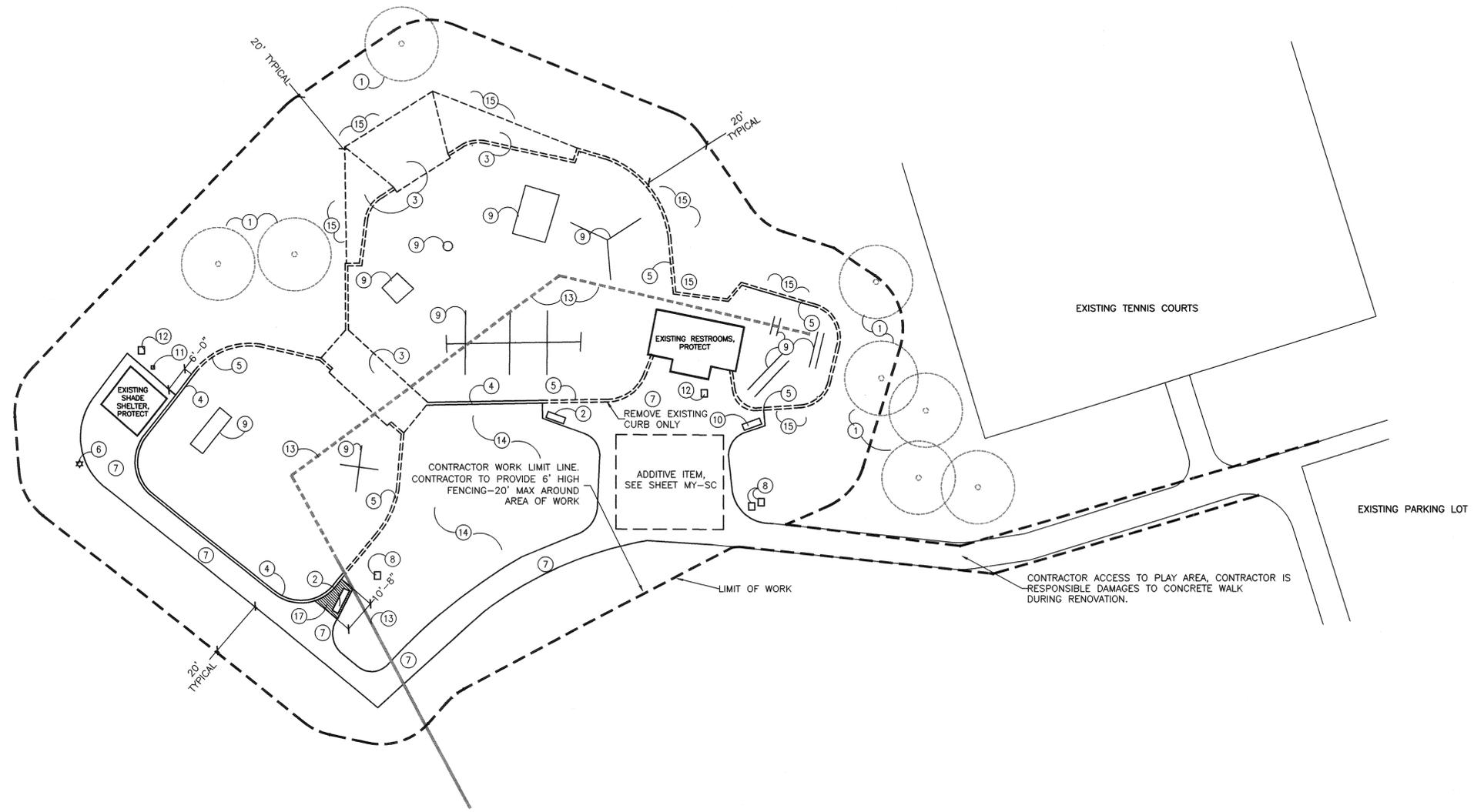
MYRA LINN  
COVER  
SHEET

Drawing  
**MY-SC**  
Sheet 24 Of 34

## ADDITIVE ITEM #1



SCALE: 1/8"=1'-0"



**DEMOLITION NOTES**

1. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
2. ALL ITEMS NOT DESIGNATED FOR REMOVAL SHALL BE PROTECTED IN PLACE BY CONTRACTOR.
3. ALL WORK WITHIN STREET RIGHT-OF-WAY WILL REQUIRE AN ENCROACHMENT PERMIT FROM CITY PUBLIC WORKS DEPARTMENT.
4. ALL ITEMS REMOVED MUST BE LEGALLY DISPOSED OF OFF-SITE AT A DISPOSAL FACILITY LICENSED AND AUTHORIZED TO ACCEPT MATERIAL.
5. ALL REMOVED CONCRETE AND ASPHALT PAVING MAY BE PROCESSED ON SITE AND USED AS BASE MATERIAL IF CONTRACTOR SO CHOOSES. ALL PROCESSED MATERIAL USED FOR CONSTRUCTION WILL REQUIRE LABORATORY CERTIFICATION THAT IT MEETS THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION FOR ITS INTENDED USE, PRIOR TO INSTALLATION.
6. CONTRACTOR IS RESPONSIBLE FOR COMPLETE REMOVAL FROM SITE OF ALL MATERIAL NOT SPECIFIED ON THESE PLANS TO BE STORED ON SITE OR TURNED OVER TO CITY. CONTRACTOR SHALL CLEAR SITE OF ANY REMAINING DEBRIS NOT IN STORAGE PRIOR TO BEGINNING NEW CONSTRUCTION.
7. CONTRACTOR IS RESPONSIBLE FOR INVESTIGATING AND LOCATING ALL EXISTING ON-SITE AND OFF-SITE UTILITIES PRIOR TO ANY DEMOLITION AND IS ALSO RESPONSIBLE FOR DAMAGE TO UTILITIES. LOCATION OF UTILITIES SHOWN ON PLANS ARE APPROXIMATE ONLY. CONTRACTOR TO CONTACT THE UNDERGROUND SERVICE ALERT AT 1-800-642-2444, AND CITY REPRESENTATIVE PRIOR TO PROCEEDING WITH DEMOLITION OPERATIONS.
8. CONTRACTOR SHALL PROTECT ALL EXISTING FACILITIES DURING DEMOLITION AND IS RESPONSIBLE FOR REPLACEMENT OR REPAIR OF ANY DAMAGED ITEMS NOT SPECIFIED FOR REMOVAL.
9. CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SITE AND REPORT ANY POTENTIAL PROBLEMS OR DISCREPANCIES TO THE CITY PRIOR TO COMMENCING WORK.
10. CONTRACTOR SHALL SECURE THE CONSTRUCTION SITE WITH 6' HIGH TEMPORARY CONSTRUCTION CHAIN LINK FENCE FOR THE LENGTH OF THE CONSTRUCTION PERIOD INCLUDING THE MAINTENANCE PERIOD.
11. CONTRACTOR IS RESPONSIBLE FOR ALL EROSION CONTROL OF THE CONSTRUCTION SITE DURING BOTH CONSTRUCTION AND MAINTENANCE PERIODS. CONTRACTOR SHALL SUBMIT EROSION CONTROL PLANS TO THE CITY FOR APPROVAL PRIOR TO ANY CONSTRUCTION.
12. CONTRACTOR TO RIP ALL AREAS IN WHICH DEMOLITION WORK HAS OCCURED TO A DEPTH OF 12" AND REMOVE ALL DEBRIS GENERATED BY CONTRACTOR.
13. REMOVE ALL VEGETATION WITHIN PROPOSED CONSTRUCTION AREAS TO A DEPTH OF 6" BELOW EXISTING SURFACE. GRUB AND REMOVE ALL TREE AND SHRUB ROOTS.
14. CONTRACTOR IS RESPONSIBLE FOR REMOVAL, EXCAVATION AND BACKFILL OF ALL ITEMS REQUIRING REMOVAL THAT ARE NOT SPECIFICALLY MENTIONED ON THE PLANS BUT ARE REQUIRED FOR PROPER EXECUTION OF PLANS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**DEMOLITION CALL-OUTS**

- |   |  |    |   |
|---|--|----|---|
| 1 | EXISTING TREES, TO BE PROTECTED  | 8  | EXISTING RCV TO BE PROTECTED  |
| 2 | EXISTING BENCH TO BE REMOVED   | 9  | EXISTING PLAY EQUIPMENT TO BE REMOVED.  |
| 3 | EXISTING CONCRETE SLIDE TO BE REMOVED  | 10 | EXISTING BENCH TO BE PROTECTED  |
| 4 | EXISTING PORTION OF PLAY CURB TO BE PROTECTED IN PLACE (SOLID). SEE CONSTRUCTION PLAN FOR EXACT PORTION. | 11 | EXISTING BBQ, TO BE PROTECTED   |
| 5 | EXISTING PLAY AREA CURB (DASHED) TO BE REMOVED   | 12 | EXISTING ELECTRICAL BOX, TO BE PROTECTED  |
| 6 | EXISTING LIGHT TO BE PROTECTED   | 13 | EXISTING 4" PERFORATED DRAINPIPE AND 6" ABS PIPE, TO BE PROTECTED, VERIFY LOCATION AND DEPTH.               |
| 7 | EXISTING CONCRETE WALKWAY TO BE PROTECTED. CONTRACTOR NOT TO USE WALKWAY FOR HEAVY EQUIPMENT             | 14 | ABANDON EXISTING IRRIGATION SYSTEM IN THIS AREA, REMOVE HEADS AND RETURN TO CITY. PROTECT RCV AND MAINLINE. |
|   |  | 15 | PROTECT EXISTING IRRIGATION SYSTEM AND HEADS.   |
|   |  | 16 | REMOVE HATCHED PORTION OF CONCRETE SLAB.  |



DIAL TOLL FREE  
1-800-422-4133  
AT LEAST TWO DAYS  
BEFORE YOU DIG

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

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MYRA LINN PARK  
MOBLEY AVE. AND COOK AVE.  
RIVERSIDE, CALIFORNIA



Date; 8-30-01  
Design; P. HIRSCH  
Job No; 0015

Description;

SITE  
DEMOLITION  
PLAN

DRAWING  
**MY-SD**  
SHEET 25 OF 34

## GRADING NOTES

- CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS, DIMENSIONS, LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES, PRIOR TO START OF WORK.
- CONTRACTOR SHALL PERFORM ALL EXCAVATION, COMPACTED BACKFILL, SOIL IMPORT AND GRADING WORK TO ESTABLISH ALL SUBGRADES AND FINISHED GRADES FOR ALL EARTHWORK, CONCRETE FLAT WORK, FOOTINGS, WALLS, DECKS, RAMPS, CURBING, AND WALKS AS INDICATED ON PLAN.
- REFER TO CONSTRUCTION PLAN FOR FURTHER INFORMATION.
- COMPACTION FOR ALL LANDSCAPED AREAS SHALL BE 80% RELATIVE COMPACTION. FOR FILL, USE CLASS A IMPORTED TOP SOIL.
- CONCRETE SLABS PROPOSED TO RECEIVE FILL SHALL BE SCARIFIED TO A DEPTH OF 6" AND COMPACTED TO 90% PRIOR TO PLACEMENT OF FILL. FOR FILL, USE CLASS II AGGREGATE BASE FOR UNDER SLABS, SWALE, AND SAND AREA.
- CONCRETE SLAB AND SWALE AREAS PROPOSED FOR CUTS SHALL BE SCARIFIED TO A DEPTH OF 6", AFTER EXCAVATION OF CUT MATERIAL, AND COMPACTED TO 90%.

## ABBREVIATIONS

CB	CATCH BASIN
TS	TOP OF STEP
BS	BOTTOM OF STEP
TC	TOP OF CURB
FS	FINISHED SURFACE
FG	FINISHED GRADE
FL	FLOW LINE
2%	PERCENT OF GRADE
S=.005	RATE OF GRADE
→	DIRECTION OF SWALE
-102	CONTOUR

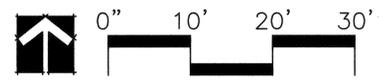
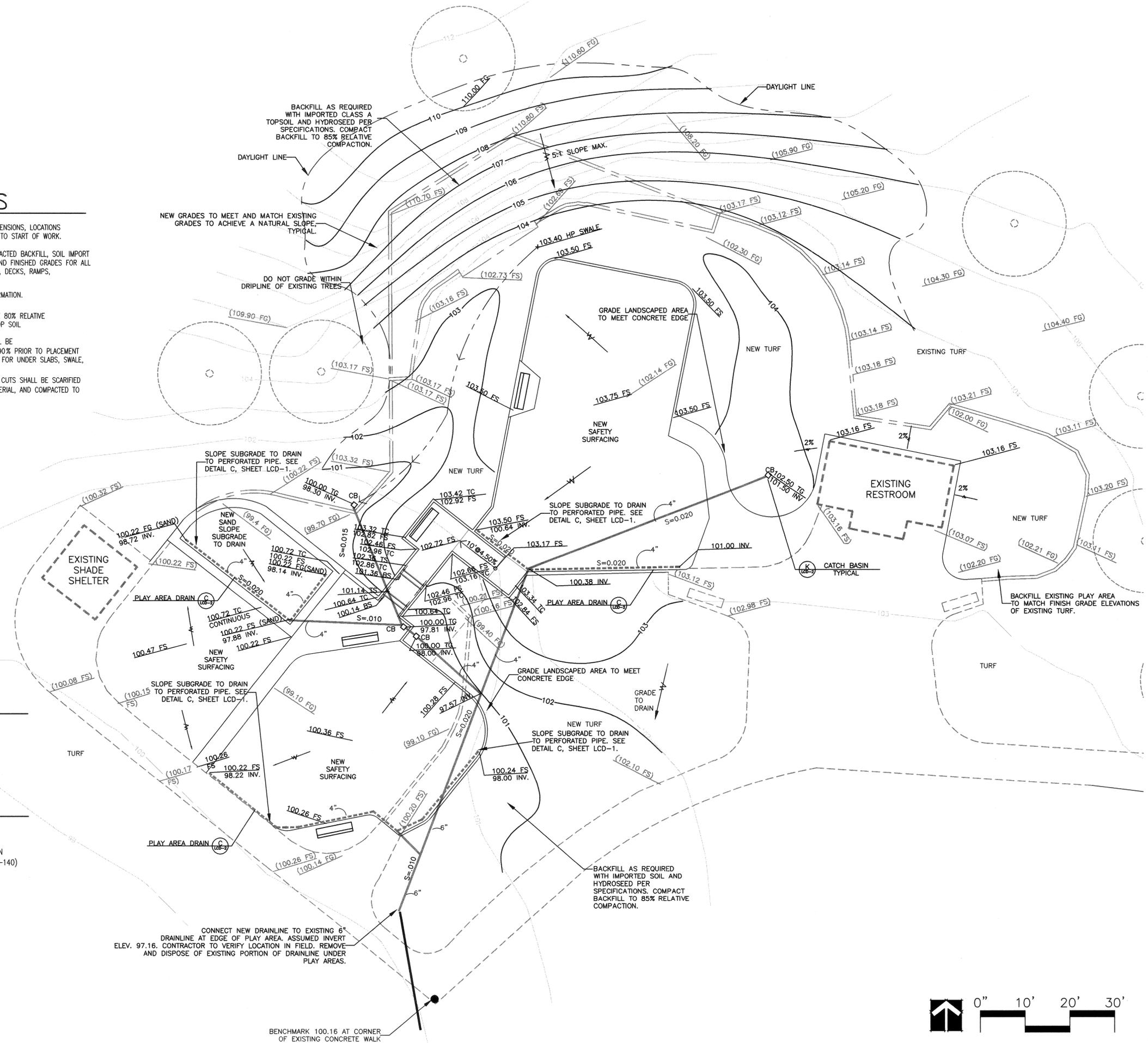
ALL EXISTING ELEVATIONS AND SITE WORK ARE INDICATED IN HALF-TONE.

## TRENCH BACKFILL

- SOLID DRAIN LINE. SEE DETAIL I, SHEET LCD-2. SURFACE ZONE TO BE ON SITE SOIL. PIPE ZONE TO BE WASHED PLASTER SAND.
- PERFORATED PIPE. SEE DETAIL C, SHEET LCD-2. SURFACE AND PIPE ZONE TO BE 3/4" CRUSHED ROCK.

## PIPE LEGEND

- SCH. 40 PVC OR ABS SOLID DRAIN LINE
- - - SCH. 40 PVC OR ABS PERFORATED DRAIN LINE WITH FILTER FABRIC WRAP. (MIRIFI N-140)



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RIVERSIDE, CALIFORNIA



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Design; P. HIRSCH  
Job No; 0015

Description;  
**PRECISE  
GRADING  
PLAN**

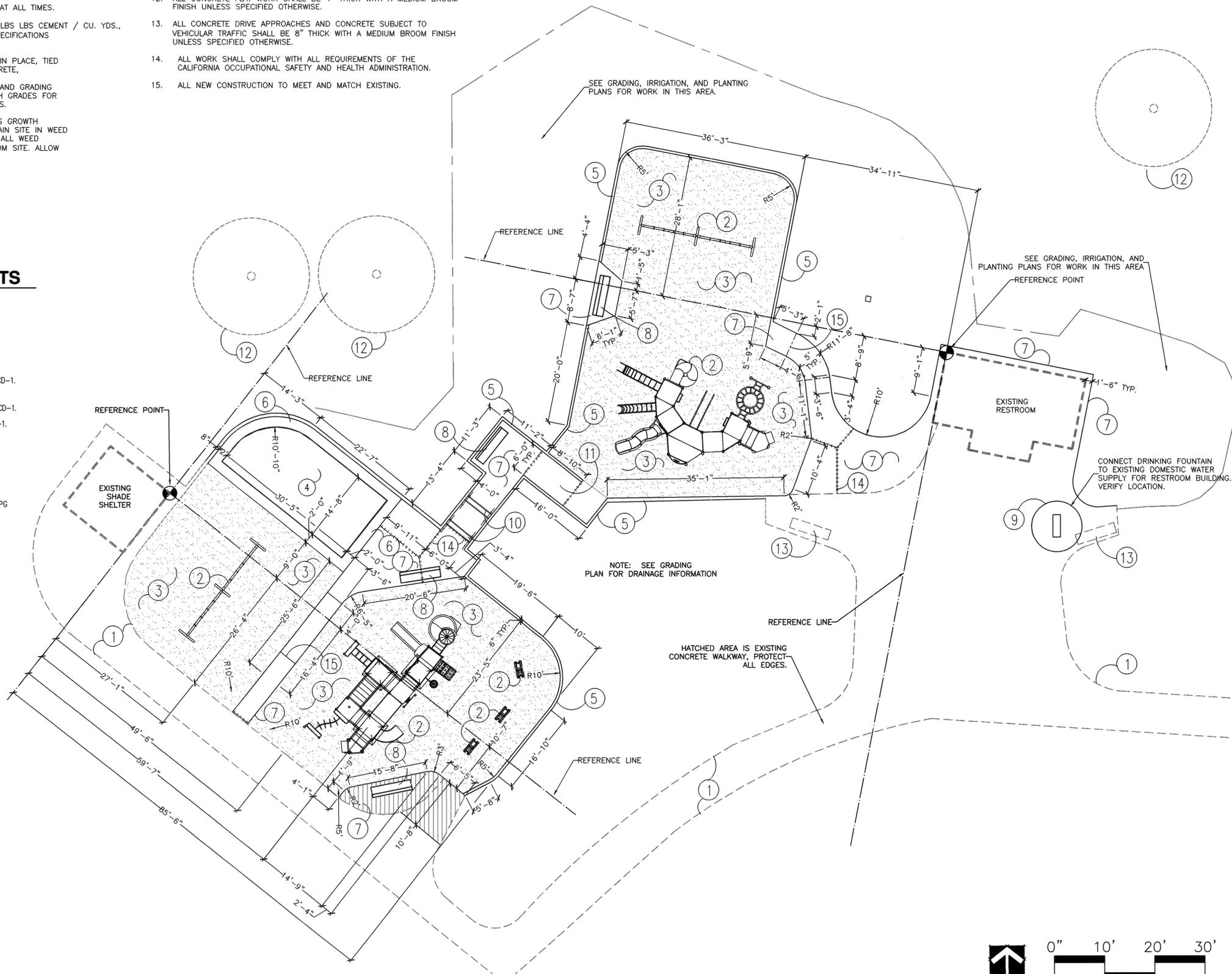
DRAWING  
**MY-PG**  
SHEET 26 OF 34

# CONSTRUCTION NOTES

- CONTRACTOR SHALL CONSTRUCT IN THEIR ENTIRETY ALL ITEMS OF WORK AS SHOWN ON PLANS AND DELINEATED IN SPECIFICATIONS.
- CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS, DIMENSIONS, LOCATIONS, AND DEPTHS OF ALL UNDERGROUND UTILITIES PRIOR TO START OF WORK. NOTIFY USA ALERT @ 800 422-4133 (48) HOURS PRIOR TO START OF WORK.
- ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE UNIFORM BUILDING CODES, SPECIFICATIONS, LOCAL ORDINANCES AND ADA REQUIREMENTS, AND "TITLE 24 ACCESSIBILITY REQUIREMENTS."
- CONTRACTOR SHALL KEEP JOB SITE FREE OF DEBRIS AT ALL TIMES.
- ALL CONCRETE SHALL BE 520-C-2500 (TYPE II 520 LBS CEMENT / CU. YDS., CLASS C AGGREGATE, 2500 LBS IN 28 DAYS). SEE SPECIFICATIONS FOR REQUIREMENTS.
- ALL ANCHORS AND REINFORCEMENTS SHALL BE HELD IN PLACE, TIED AND OR SUPPORTED TO PRIOR PLACEMENT OF CONCRETE.
- PERFORM ALL EXCAVATION, COMPACTED BACK FILLING AND GRADING OPERATION TO ESTABLISH ALL SUB GRADES AND FINISH GRADES FOR ALL ITEMS OF CONSTRUCTION AS INDICATED ON PLANS.
- CONTRACTOR TO CLEAR SITE OF ALL WEED AND GRASS GROWTH PRIOR TO START OF WORK. CONTRACTOR SHALL MAINTAIN SITE IN WEED FREE CONDITION DURING CONSTRUCTION BY SPRAYING ALL WEED GROWTH WITH "ROUNDUP" AND REMOVING GROWTH FROM SITE. ALLOW 10 DAYS BETWEEN SPRAYING AND REMOVAL.
- CONTRACTOR SHALL PROVIDE ALL SURVEY WORK NECESSARY FOR CONSTRUCTION. CONTRACTOR SHALL ESTABLISH ALL ELEVATIONS FOR CONSTRUCTION.
- ALL LAYOUT AND FORMING OF CONSTRUCTION ITEMS MUST BE REVIEWED AND APPROVED BY CITY REPRESENTATIVE PRIOR TO CONSTRUCTION.
- RADIUS ALL EXPOSED EDGES OF CONCRETE WITH 1/2" RADIUS FINISHING TOOL.
- ALL CONCRETE FLAT WORK SHALL BE 4" THICK WITH A MEDIUM BROOM FINISH UNLESS SPECIFIED OTHERWISE.
- ALL CONCRETE DRIVE APPROACHES AND CONCRETE SUBJECT TO VEHICULAR TRAFFIC SHALL BE 8" THICK WITH A MEDIUM BROOM FINISH UNLESS SPECIFIED OTHERWISE.
- ALL WORK SHALL COMPLY WITH ALL REQUIREMENTS OF THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION.
- ALL NEW CONSTRUCTION TO MEET AND MATCH EXISTING.

## CONSTRUCTION CALL-OUTS

- EXISTING EDGE OF CONCRETE WALK, PROTECT
- NEW PLAYGROUND EQUIPMENT, SEE SHEET MY-PA
- NEW PLAY AREA SURFACING, SEE SPECIFICATIONS
- NEW SILICA SAND, SEE SPECIFICATIONS.
- NEW CONCRETE PLAY AREA CURB, SEE DETAIL K, SHEET LCD-1. MEET AND MATCH EXISTING WALK WHERE APPLICABLE.
- NEW CONCRETE SAND AREA CURB, SEE DETAIL D, SHEET LCD-1.
- NEW 4" THICK CONCRETE SLAB, SEE DETAIL A, SHEET LCD-1. MEET AND MATCH ALL EXISTING WALKS
- NEW BENCH, SEE SPECIFICATIONS.
- NEW DRINKING FOUNTAIN, SEE SHEET LCD-3.
- NEW CONCRETE STAIRS, SEE DETAIL E, SHEET LCD-1.
- CONCRETE RAMP, SEE PRECISE GRADING PLAN, SHEET MY-PG
- EXISTING TREES, PROTECT
- EXISTING BENCH, PROTECT.
- EXPANSION JOINT, SEE DETAIL B, SHEET LCD-1.
- CONTROL JOINT, SEE DETAIL C, SHEET LCD-1.



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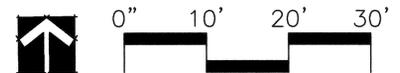


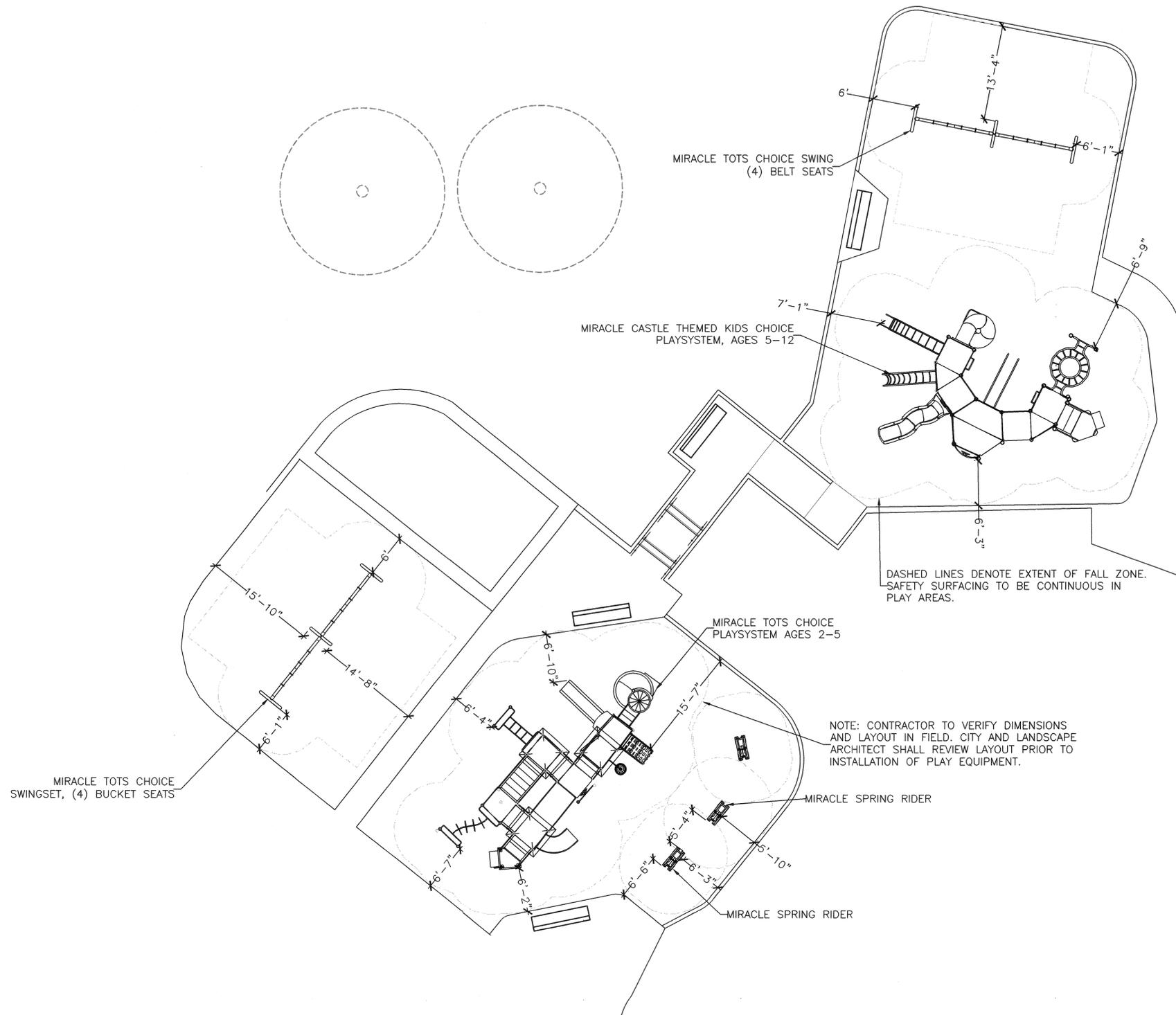
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Job No; 0015

Description;

SITE  
CONSTRUCTION  
PLAN

Drawing  
**MY-SC**  
SHEET 27 OF 34





**MYRA LINN PLAY AREAS**

NOTE: SEE SPECIFICATIONS FOR PLAY SET COMPONENT LIST. COLORS TO BE SELECTED BY CITY REPRESENTATIVE.

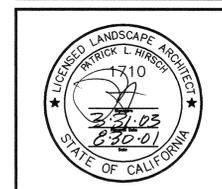
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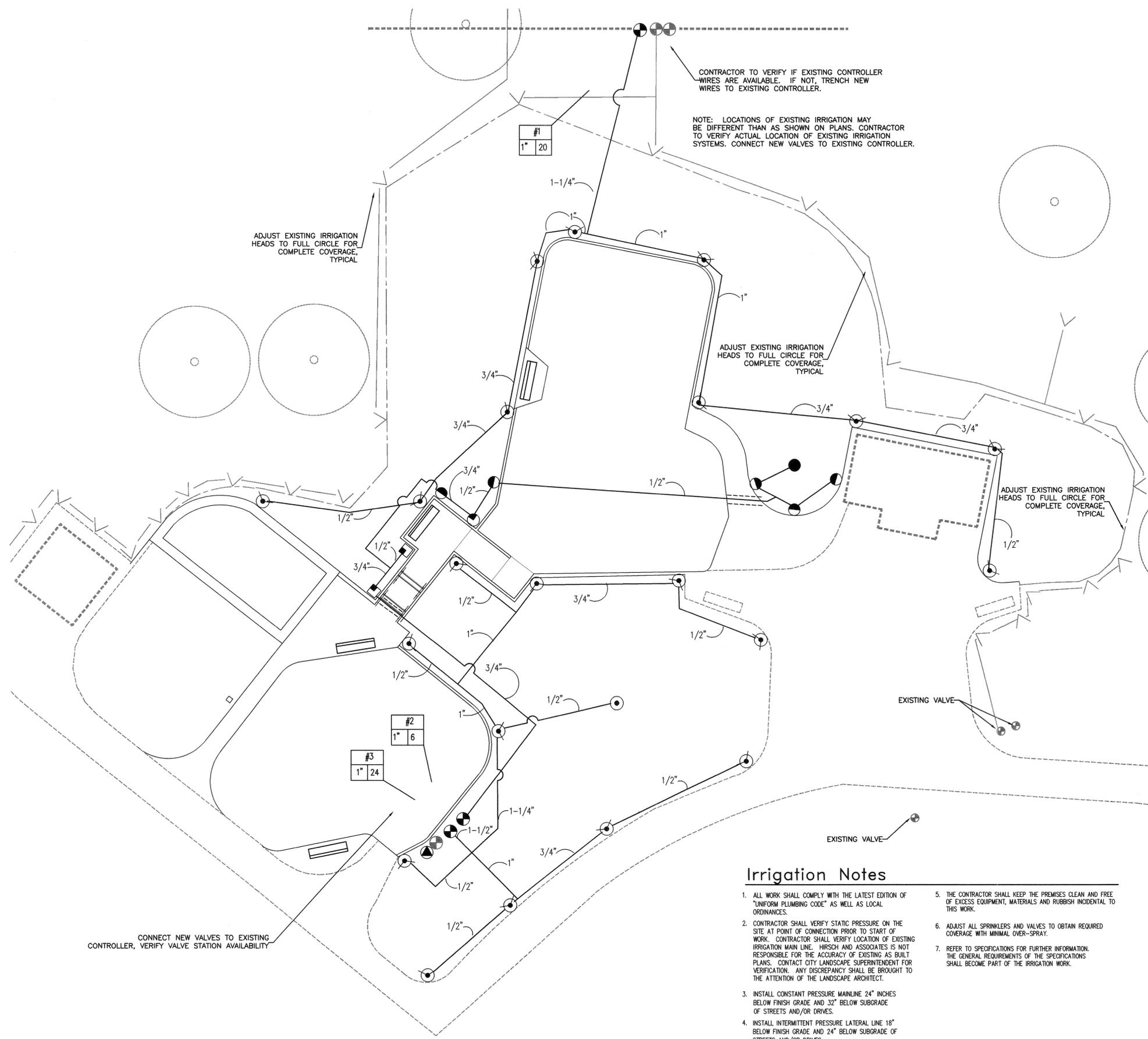
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RIVERSIDE, CALIFORNIA



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Design; P. HIRSCH  
Job No; 0015

Description;  
ENLARGED PLANS  
OF PLAY AREAS

DRAWING  
**MY-PA**  
SHEET 28 OF 34



CONTRACTOR TO VERIFY IF EXISTING CONTROLLER WIRES ARE AVAILABLE. IF NOT, TRENCH NEW WIRES TO EXISTING CONTROLLER.

NOTE: LOCATIONS OF EXISTING IRRIGATION MAY BE DIFFERENT THAN AS SHOWN ON PLANS. CONTRACTOR TO VERIFY ACTUAL LOCATION OF EXISTING IRRIGATION SYSTEMS. CONNECT NEW VALVES TO EXISTING CONTROLLER.

ADJUST EXISTING IRRIGATION HEADS TO FULL CIRCLE FOR COMPLETE COVERAGE, TYPICAL

ADJUST EXISTING IRRIGATION HEADS TO FULL CIRCLE FOR COMPLETE COVERAGE, TYPICAL

ADJUST EXISTING IRRIGATION HEADS TO FULL CIRCLE FOR COMPLETE COVERAGE, TYPICAL

CONNECT NEW VALVES TO EXISTING CONTROLLER, VERIFY VALVE STATION AVAILABILITY

**Irrigation Legend**

SYMBOL	DESCRIPTION	RADIUS	PSI	GPM	DETAIL
●	TORO-570Z-PRX-COM-10-Q-PC	10'	30	0.33	A/PD-LID
●	TORO-570Z-PRX-COM-10-H-PC	10'	30	0.66	A/PD-LID
●	TORO-570Z-PRX-COM-10-F-PC	10'	30	1.33	A/PD-LID
●	TORO-570Z-PRX-COM-12-Q-PC	12'	30	0.48	A/PD-LID
●	TORO-570Z-PRX-COM-12-H-PC	12'	30	0.96	A/PD-LID
○	TORO-V-1550-4-L-1.5	23'-37'	50	1.50	A/PD-LID
○	TORO-V-1550-4-L-1.5	23'-37'	50	1.50	A/PD-LID
⊕	GRISWOLD MODEL 2280 PRESSURE REDUCING BRASS REMOTE CONTROL VALVE, SEE PLAN FOR SIZE				B/PD-LID
▲	RAINBIRD 1" QUICK COUPLER MODEL 44LRC				D/PD-LID
—	CONSTANT PRESSURE MAIN LINE TO BE SCH. 40 PVC WITH SCH. 40 PVC SOLVENT WELD FITTINGS.				E/PD-LID
- - -	INTERMITTENT PRESSURE LATERAL LINE TO BE SCH. 40 PVC WITH SCH. 40 PVC SOLVENT WELD FITTINGS.				E/PD-LID
- - -	SLEEVING TO BE SCH. 40 PVC				E/PD-LID

NOTE: IRRIGATION PLAN IS DIAGRAMMATICAL. ALL MAIN LINE AND LATERAL LINE TO BE PLACED IN LANDSCAPE AREAS WHENEVER POSSIBLE. VALVES TO BE LOCATED IN SHRUB AREAS WHENEVER POSSIBLE.

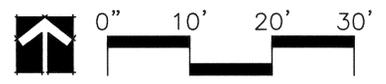
- CONTROLLER AND STATION NUMBER
- VALVE SIZE
- GPM OF SYSTEM

- EXISTING MAIN LINE
- EXISTING LATERAL LINE
- EXISTING REMOTE CONTROL VALVE
- EXISTING IRRIGATION HEAD

NOTE: ALL HALF-TONED INFORMATION IS EXISTING ALL FULL-TONED INFORMATION IS NEW

**Irrigation Notes**

1. ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF "UNIFORM PLUMBING CODE" AS WELL AS LOCAL ORDINANCES.
2. CONTRACTOR SHALL VERIFY STATIC PRESSURE ON THE SITE AT POINT OF CONNECTION PRIOR TO START OF WORK. CONTRACTOR SHALL VERIFY LOCATION OF EXISTING IRRIGATION MAIN LINE. HIRSCH AND ASSOCIATES IS NOT RESPONSIBLE FOR THE ACCURACY OF EXISTING AS BUILT PLANS. CONTACT CITY LANDSCAPE SUPERINTENDENT FOR VERIFICATION. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT.
3. INSTALL CONSTANT PRESSURE MAINLINE 24" INCHES BELOW FINISH GRADE AND 32" BELOW SUBGRADE OF STREETS AND/OR DRIVES.
4. INSTALL INTERMITTENT PRESSURE LATERAL LINE 18" BELOW FINISH GRADE AND 24" BELOW SUBGRADE OF STREETS AND/OR DRIVES.
5. THE CONTRACTOR SHALL KEEP THE PREMISES CLEAN AND FREE OF EXCESS EQUIPMENT, MATERIALS AND RUBBISH INCIDENTAL TO THIS WORK.
6. ADJUST ALL SPRINKLERS AND VALVES TO OBTAIN REQUIRED COVERAGE WITH MINIMAL OVER-SPRAY.
7. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION. THE GENERAL REQUIREMENTS OF THE SPECIFICATIONS SHALL BECOME PART OF THE IRRIGATION WORK.



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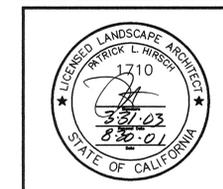


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Design; P. HIRSCH  
Job No; 0015

Description;  
LANDSCAPE  
IRRIGATION  
PLAN

DRAWING  
MY-LI  
SHEET 29 OF 34

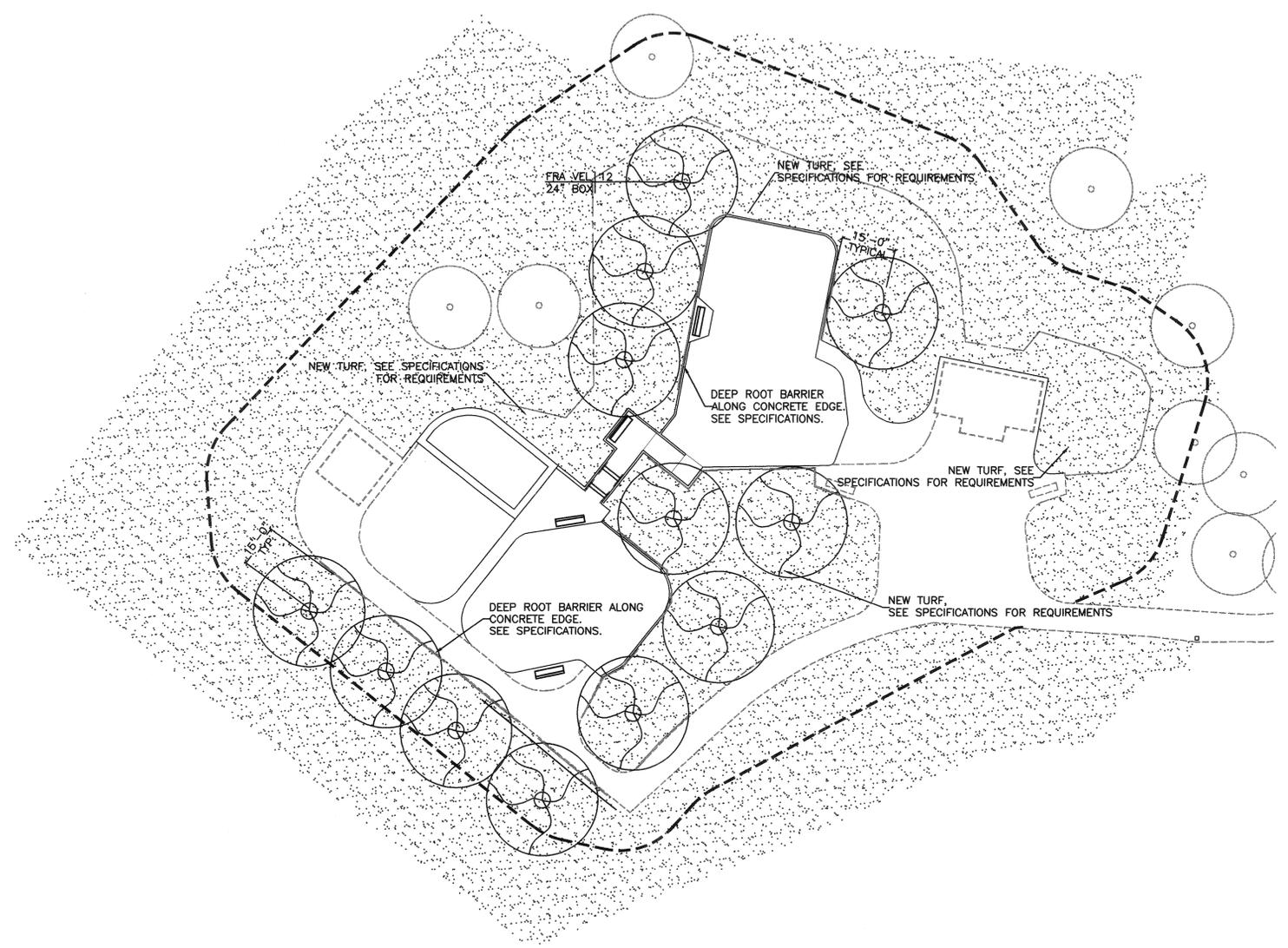
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Date; 8-30-01  
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Description;  
 LANDSCAPE  
 PLANTING  
 PLAN

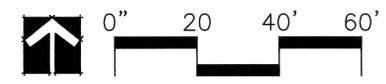
DRAWING  
 MY-LP  
 SHEET 30 OF 34

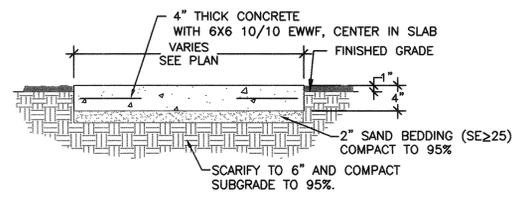


**Planting Notes**

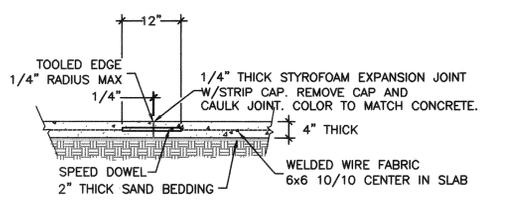
1. VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES PRIOR TO START OF WORK.
2. SPRAY ALL WEEDS AND UNWANTED GRASS AREAS WITH 'ROUND UP'. ALLOW 48 HOURS FOR KILL BEFORE REMOVING WEEDS AND GRASSES PROPERLY DISPOSE OF WASTE AT A LICENSED DUMP SITE.
3. LANDSCAPE ARCHITECT SHALL HAVE THE OPPORTUNITY TO INSPECT AND APPROVE ALL SPECIMEN AND BOX MATERIALS AT JOB SITE PRIOR TO PLANTING. ALL UNACCEPTABLE MATERIAL SHALL BE REMOVED FROM JOB SITE AND REPLACED WITH ACCEPTABLE MATERIAL AT CONTRACTOR'S EXPENSE.
4. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL THEFT OR DAMAGE TO PLANT MATERIAL ONCE PLANT MATERIAL IS DELIVERED TO JOB SITE.
5. UPON COMPLETION OF PLANTING, THE CONTRACTOR SHALL ARRANGE FOR A SUBSTANTIAL COMPLETION INSPECTION BY LANDSCAPE ARCHITECT. CONTRACTOR SHALL CORRECT ANY DISCREPANCIES FOUND PRIOR TO FINAL INSPECTION AND ACCEPTANCE OF THE PROJECT.
6. UPON FINAL ACCEPTANCE OF THE WORK, THE CONTRACTOR SHALL SUBMIT TO OWNER SIGNED ORIGINALS OF ALL MATERIAL AND LABOR RELEASES.
7. A REPRESENTATIVE SAMPLE OF THE BOTANICAL NAME TAGS, FURNISHED BY THE NURSERY STOCK SUPPLIER, SHALL REMAIN ATTACHED TO THE PLANTS UNTIL FINAL INSPECTION.
8. SEE SPECIFICATIONS FOR SOIL PREPARATION AND BACKFILL MIXTURE.

Planting Legend				
ABBREVIATION	BOTANICAL NAME	COMMON NAME	SIZE	DETAIL
TREES				
FRA VEL	FRAXINUS VELUTINA 'Rio Grande'	FAN-TEX ASH	24" BOX	DETAIL F, SHEET PD/LID
TURF				SEE SPECIFICATIONS FOR REQUIREMENTS.

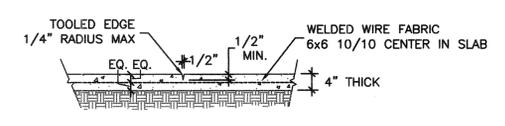




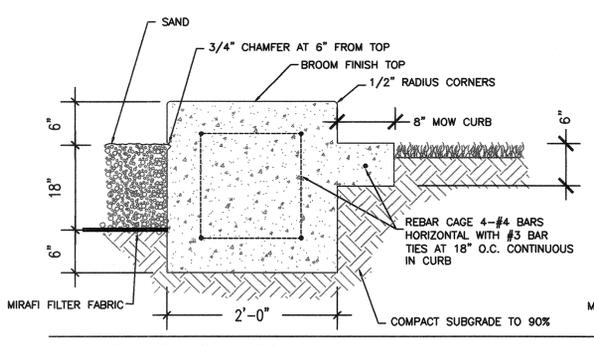
**4" THICK CONCRETE**  
NOT TO SCALE **A**



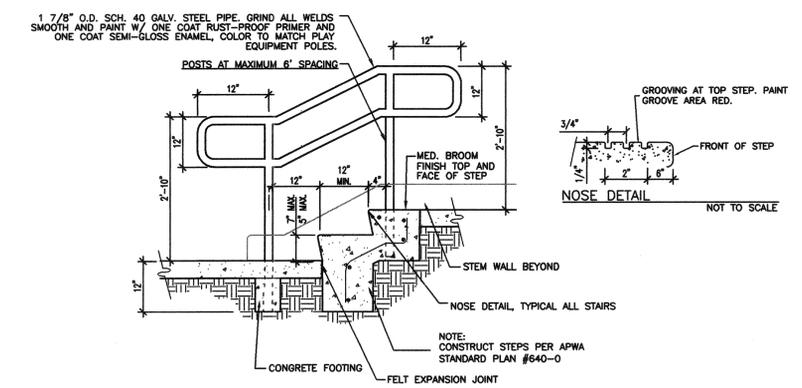
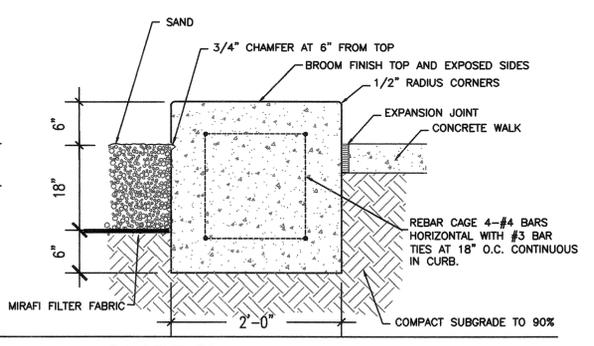
**EXPANSION JOINT**  
NOT TO SCALE **B**



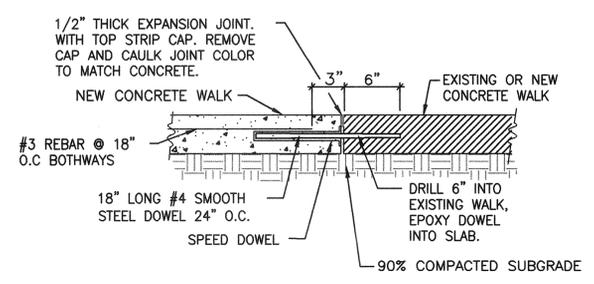
**CONTROL JOINT**  
NOT TO SCALE **C**



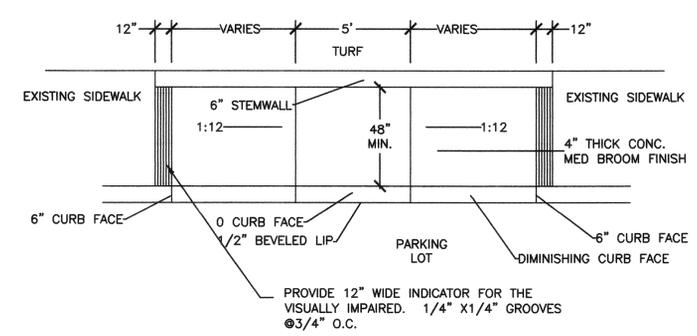
**SAND AREA CURB**  
NOT TO SCALE **D**



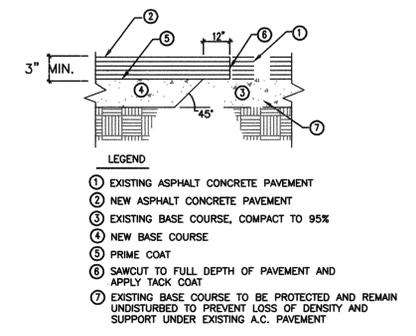
**CONCRETE STAIRS**  
NOT TO SCALE **E**



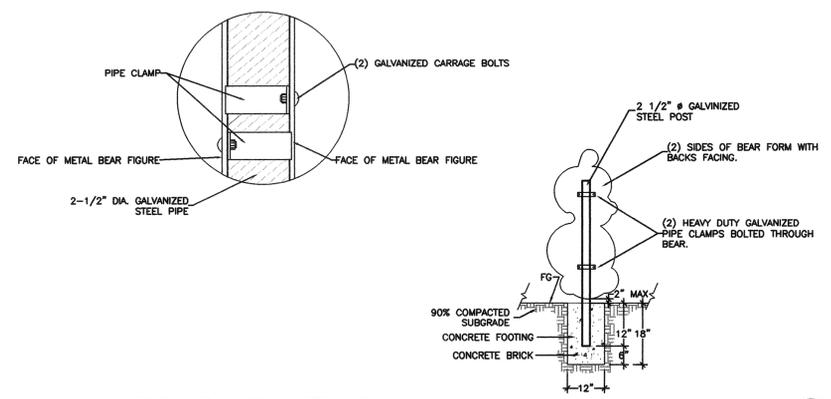
**DOWELED JOINT**  
NOT TO SCALE **F**



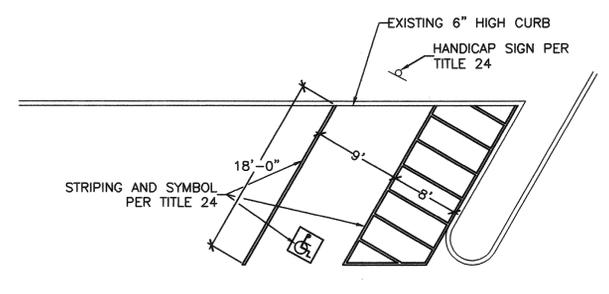
**HANDICAP RAMP**  
NOT TO SCALE **G**



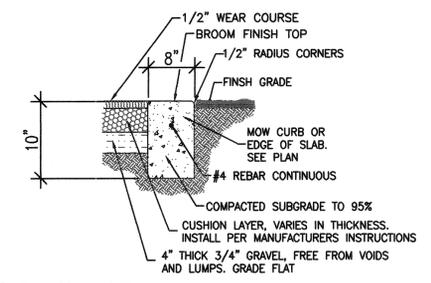
**ASPHALT PAVING**  
NOT TO SCALE **H**



**BEAR MOUNTING**  
NOT TO SCALE **I**



**HANDICAP PARKING STRIPING**  
NOT TO SCALE **J**



**PLAY AREA CURB**  
NOT TO SCALE **K**

Landscape Architecture  
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Project Management  
2221 E. WINSTON RD. SUITE A  
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**A S L A**

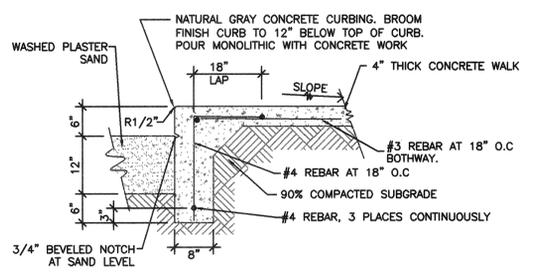
**Hirsch & Associates Inc.**  
Project;  
**CITY OF RIVERSIDE  
PLAY AREA RENOVATIONS**



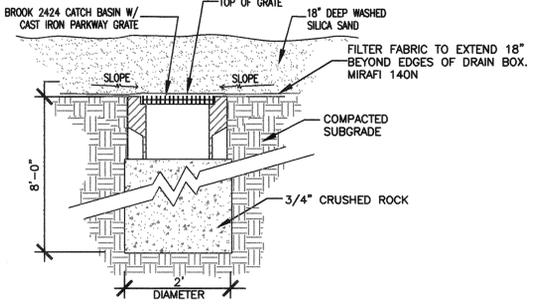
Date; 8-30-01  
Design; P. HIRSCH  
Job No; 0015

Description;  
**CONSTRUCTION  
DETAILS**

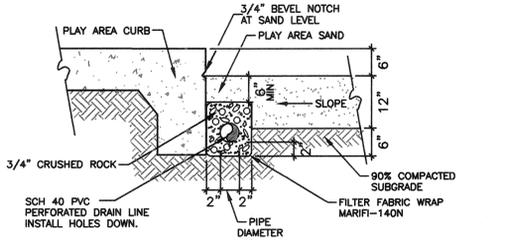
DRAWING  
**LCD-1**  
SHEET 31 OF 34



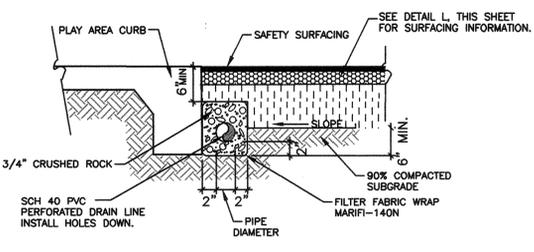
**SAND AREA CURB AT SIDEWALK** (A) NOT TO SCALE



**SAND PLAY AREA SUMP** (B) NOT TO SCALE

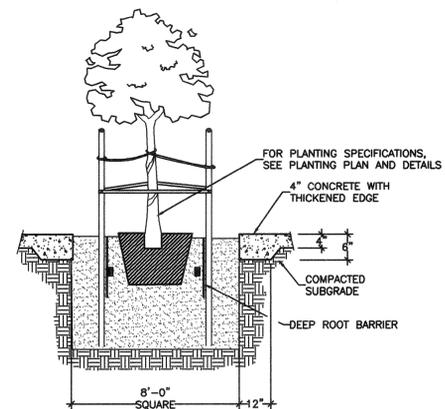


**DRAIN AT SAND AND PLAY AREAS** (C) NOT TO SCALE

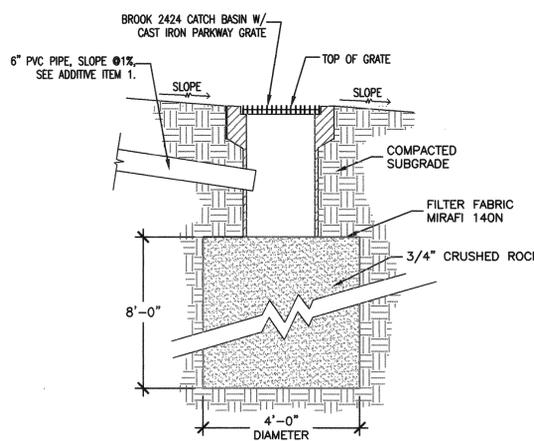


**IN SAND AREA** (C) NOT TO SCALE

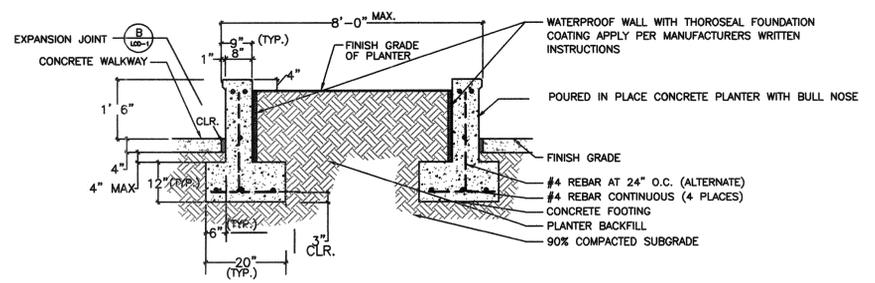
**IN PLAY AREA** (C) NOT TO SCALE



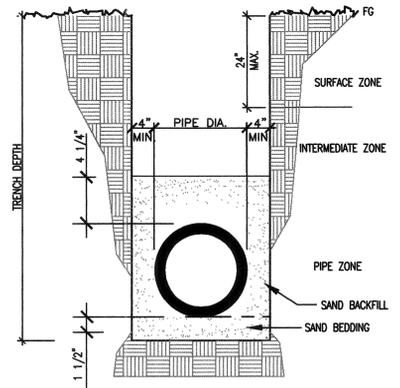
**THICKENED EDGE AT TREE WELL** (D) NOT TO SCALE



**SUMP-ADDITIVE ITEM #1** (E) NOT TO SCALE



**RAISED PLANTER SEAT WALL** (F) NOT TO SCALE



**DRAINLINE TRENCHING** (I) NOT TO SCALE

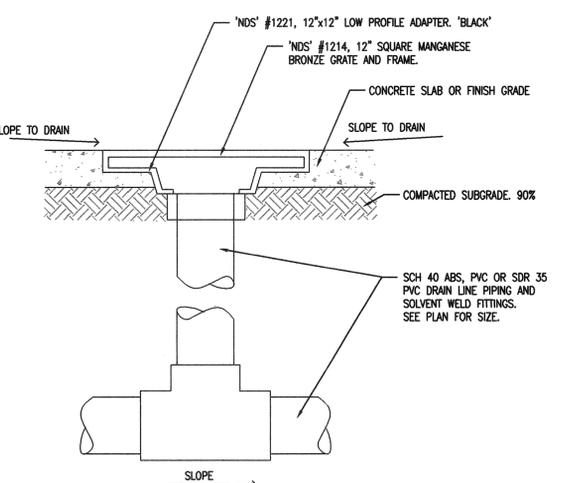
PIPE ZONE- THE PIPE SHALL BE BED ON A MINIMUM OF 4" OF SAND TO PROVIDE A FIRM AND UNIFORM BEARING THROUGHOUT THE ENTIRE LENGTH OF PIPE. THE REMAINING PORTION OF BACKFILL IN THIS ZONE SHALL BE OF SAND, FREE FROM LARGE STONES OR LUMPS, AND THOROUGHLY COMPACTED BY FLOODING OR TAMPING BEFORE ADDITIONAL BACKFILL IS PLACED THEREON.

INTERMEDIATE ZONE- AFTER COMPACTION OF THE PIPE ZONE, BACKFILLING MAY PROCEED IN LIFTS NOT TO EXCEED 6" IN HEIGHT. BACKFILL IN THIS ZONE SHALL BE FREE OF LUMPS AND CLODS, OR OTHER DELETERIOUS MATERIALS, AND COMPACTED BY FLOODING, JETTING OR MECHANICAL COMPACTION TO WITHIN 2" OF THE SURFACE TO A RELATIVE COMPACTION OF 90%.

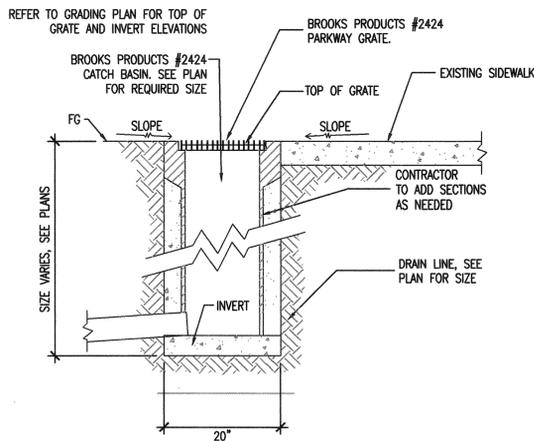
SURFACE ZONE- COMPACTION OF THIS ZONE SHALL BE PERFORMED BY MECHANICAL METHODS TO PROVIDE A RELATIVE COMPACTION OF 95% WHERE IT PASSES UNDER HARDSCAPE AND 90% IN LANDSCAPE AREAS.

**NOT USED** (G) NOT TO SCALE

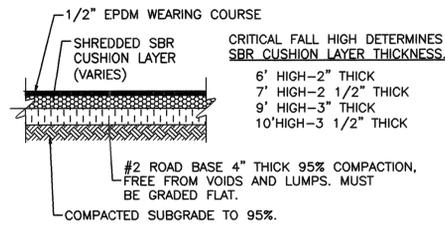
**NOT USED** (H) NOT TO SCALE



**AREA DRAIN** (J) NOT TO SCALE



**CATCH BASIN-HIGHLAND ADDITIVE #2** (K) NOT TO SCALE



**POUR IN PLACE SAFETY SURFACING** (L) NOT TO SCALE

Landscape Architecture  
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**Hirsch & Associates Inc.**

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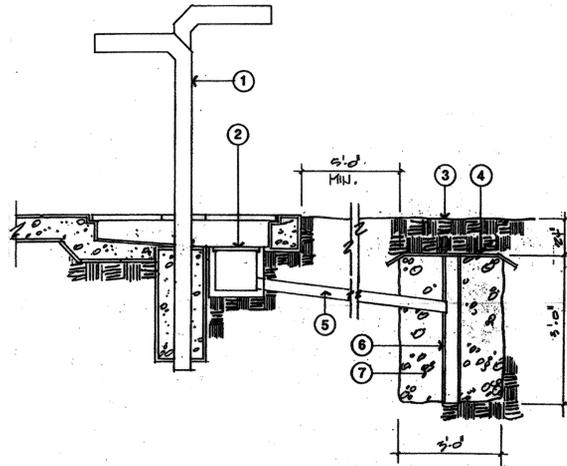
Project;  
CITY OF RIVERSIDE  
PLAY AREA RENOVATIONS



Date; 8-30-01  
Design; P. HIRSCH  
Job No; 0015

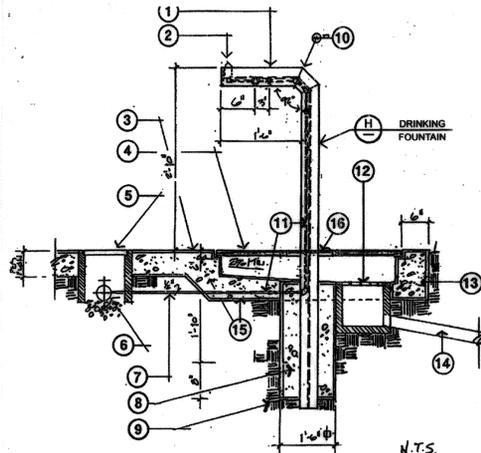
Description;  
CONSTRUCTION  
DETAILS

DRAWING  
**LCD-2**  
SHEET 32 OF 34



**LEGEND**

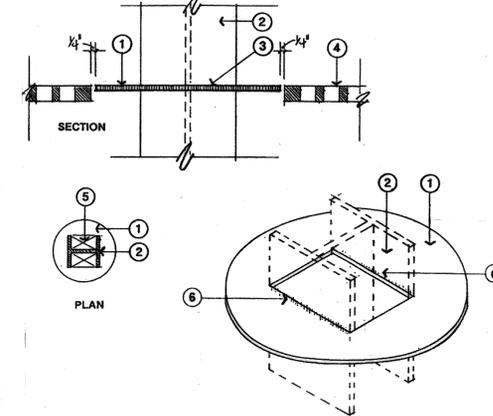
1. DRINKING FOUNTAIN PER DETAIL 'H', THIS SHEET.
2. CATCH BASIN PER SPECS. WITH PARKWAY GRATE.
3. FINISH GRADE.
4. TREVIRA SPUN BOUND FABRIC.
5. 3" DIAMETER SCH. 40 PVC DRAIN PIPE, SLOPE 2% TO SUMP.
6. 4" DIAMETER NON-METALLIC PERFORATED DRAIN PIPE.
7. 3/4" DIAMETER DRAIN ROCK SUMP, 1 CU.YD.



1. W8 "H" COLUMN - 15 LBS./FT. 6" DEPTH X 6" WIDTH - HOT DIP GALV. AFTER FABRICATION.
2. SEE DETAIL 'E', THIS SHEET FOR BUBBLER GUARD & PIPING.
3. CONCRETE PAVING PER PLAN.
4. INSTALL TREE GRATE PER DETAIL 'D' THIS SHEET.
5. SQUARE GATE VALVE BOX INSURISED "WATER" PER SPECS.
6. BALL VALVE PER SPECS.
7. 1/2" TYPE K COPPER PIPE.
8. CONCRETE FOOTING.
9. COMPACTED EARTH.
10. NOT USED.
11. 1/2" GALV. PIPE.
12. CATCH BASIN PER SPECS. WITH PARKWAY GRATE.
13. CONCRETE WALK. EXTEND DEPTH AS REQUIRED TO FORM BASIN AROUND CATCH BASIN.
14. 3" DIAMETER SCH. 40 PVC DRAIN PIPE TO SUMP. SLOPE 2% MIN.
15. THICKEN EDGE OF CONCRETE WALK AS REQUIRED & PROVIDE 3-1/2" THICK PAVED BOTTOM. SLOPE TO DRAIN TO CATCH BASIN.
16. STEEL COLLAR PER DETAIL 'F', THIS SHEET.

**NOTE**

1. ALL PIPE DOWNSTREAM OF GATE VALVE AND BELOW CONCRETE SHALL BE COPPER TYPE K. ALL EXPOSED PIPE SHALL BE GALV. PIPE.
2. GRIND ALL WELDS SMOOTH AND HOT DIP GALV. FRAME AFTER ALL FABRICATION.
3. SEE DETAIL 'G', THIS SHEET FOR PLAN VIEW.



**LEGEND**

1. 1/2" THICK ROUND STEEL PLATE COLLAR, 1/2" LESS IN DIAMETER THAN TREE GRATE OPENING LEVEL.
2. W8 "H" FOUNTAIN COLUMN.
3. CONTINUOUS FILLET WELD TOP AND BOTTOM, ALL SIDES.
4. TREE GRATE.
5. OPEN ON EACH SIDE OF "H" TO ALLOW DRAINAGE AND INSTALLATION OF PLUMBING.
6. WELD TOP AND BOTTOM.

NOT USED

NOT TO SCALE

**A**

DRINKING FOUNTAIN SUMP

NOT TO SCALE

**B**

DRINKING FOUNTAIN FABRICATION

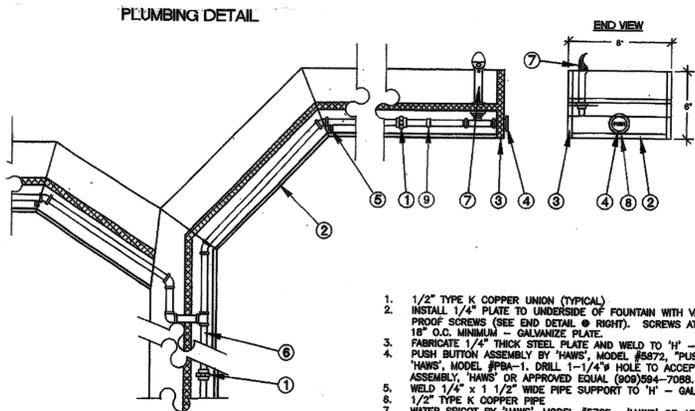
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**C**

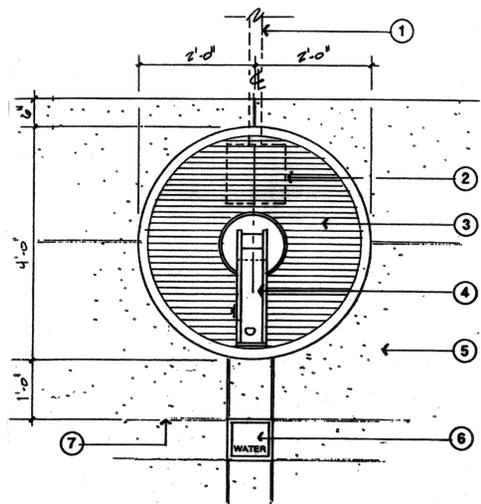
BASE COLLAR FABRICATION

NOT TO SCALE

**D**

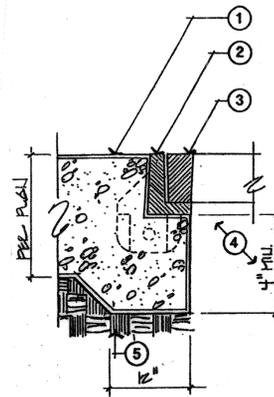


1. 1/2" TYPE K COPPER UNION (TYPICAL).
2. INSTALL 1/4" PLATE TO UNDERSIDE OF FOUNTAIN WITH VANDAL PROOF SCREWS (SEE END DETAIL @ RIGHT). SCREWS AT 16" O.C. MINIMUM - GALVANIZE PLATE.
3. FABRICATE 1/4" THICK STEEL PLATE AND WELD TO "H" - GALVANIZE PUSH BUTTON ASSEMBLY BY "HANS", MODEL #5672, "PUSH" BUTTON "HANS", MODEL #56A-1. DRILL 1-1/4" HOLE TO ACCEPT PUSH BU ASSEMBLY, "HANS" OR APPROVED EQUAL (909)594-7088.
4. WELD 1/4" x 1 1/2" WIDE PIPE SUPPORT TO "H" - GALVANIZED.
5. 1/2" TYPE K COPPER PIPE.
6. WATER SPIGOT BY "HANS", MODEL #5725, "HANS" OR APPROVED EQ. (909)594-7088.
7. CONTROL PUSH BUTTON & FLOW CONTROL SHALL BE MURDOCK SELF-CLOSING PUSH BUTTON WITH VANDAL GUARD @ PERCE & ASSOC. (800) 750-4442. BUTTON BODY, 1-1/4" DIAMETER HOLE, GUARD 2 NO. 25 PILOT HOLE & 1024" TAP IN FLANGE.
8. 1/2" INLINE FILTER W/ SHUTOFF & 150 MESH ELEMENT W/ FLUSH CAPABILITY. AGRIFIM MODEL IS 50, (800)688-8108. PROVIDE ALL NECESSARY ADAPTERS AND FITTINGS FOR COMPLETE INSTALLATION.



**LEGEND**

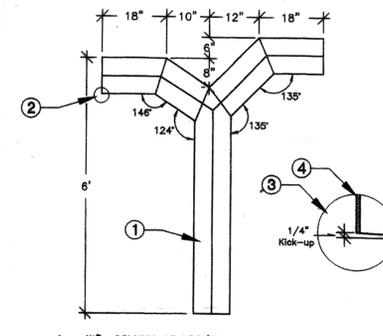
1. 3" DIAMETER PVC DRAIN PIPE TO SUMP, BELOW GRADE. (SEE DETAIL 'H', THIS SHEET).
2. CATCH BASIN PER SPECS. INSTALL PER DETAIL 'D' THIS SHEET.
3. TREE GRATE PER SPECIFICATIONS. INSTALL PER DETAIL 'L' THIS SHEET.
4. WATER FOUNTAIN.
5. CONCRETE PAVING PER PLAN.
6. BALL VALVE IN SQUARE VALVE BOX PER SPECS.
7. CRACK CONTROL JOINT PER PLAN.



**LEGEND**

1. CONCRETE PAVING PER PLANS. THICKEN EDGE @ TREE WELL LOCATIONS.
2. TREE GRATE ANGLE FRAME PER SPECS.
3. TREE GRATE PER SPECS.
4. TREE WELL OR FOUNTAIN WELL.
5. COMPACTED EARTH.

**FABRICATION**



1. W8 COLUMN 15 LBS./FT. GALVANIZED 6" HEIGHT X 6" WIDTH.
2. SEE ENLARGEMENT FOR KICK-UP DETAIL KICK-UP 1/4" DURING FABRICATION TO PROVIDE SLOPE FOR POSITIVE DRAINAGE TO SLUMP.
3. 1/4" KICK-UP.
4. 1/4" STEEL PLATE, WELD TO ENDS OF "H" CONSTRUCTION NOTES ARE TYPICAL FOR BOTH SIDES OF DRINKING FOUNTAIN.

PLUMBING DETAIL

NOT TO SCALE

**E**

PLAN VIEW

NOT TO SCALE

**F**

TREE GRATE

NOT TO SCALE

**G**

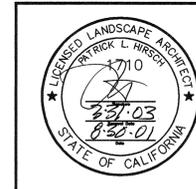
HI-LOW FABRICATION

NOT TO SCALE

**H**

Project;

CITY OF RIVERSIDE  
PLAY AREA RENOVATIONS



Date; 8-30-01  
Design; P. HIRSCH  
Job No; 0015

Description;

DRINKING  
FOUNTAIN  
FABRICATION

DRAWING

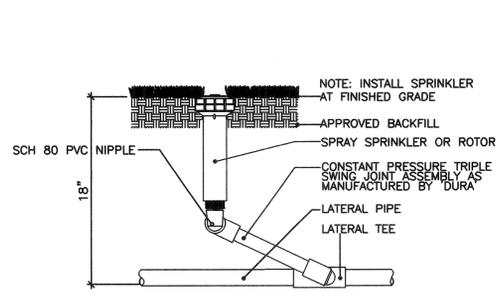
LCD-3

SHEET 33 OF 34

Landscape Architecture  
Park Planning & Design  
Project Management

**Hirsch**  
& Associates Inc.

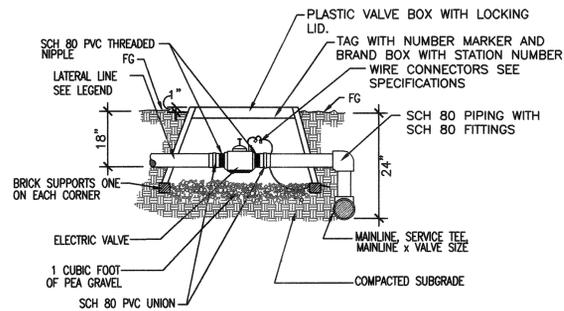
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ANAHEIM, CALIFORNIA 92806  
PHONE (714) 776-4340 FAX (714) 776-4395  
A S L A



**POP-UP SPRAY OR ROTOR**

**A**

NOT TO SCALE



**REMOTE CONTROL VALVE**

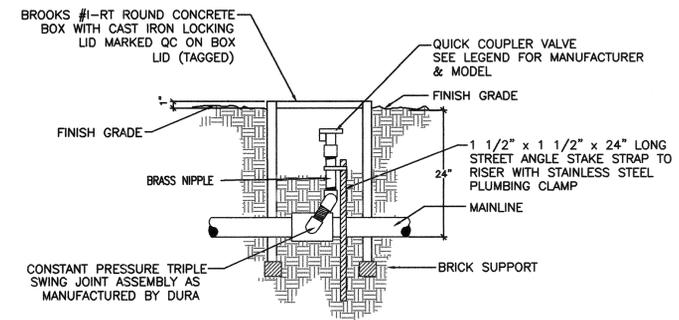
**B**

NOT TO SCALE

**NOT USED**

**C**

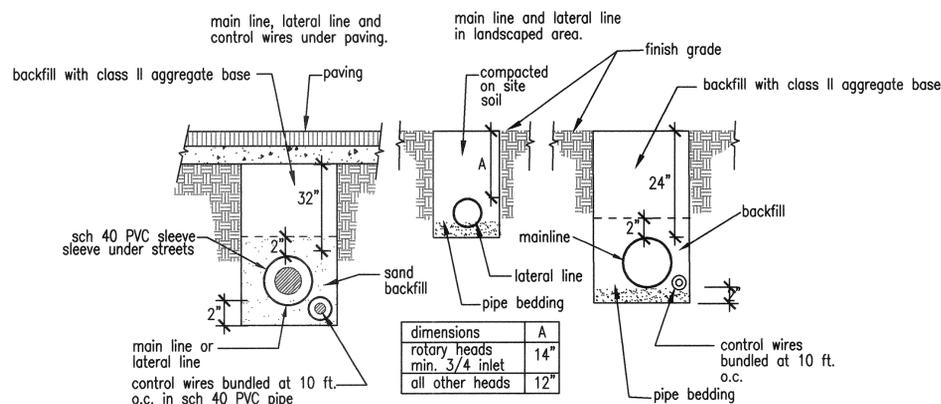
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**WIRING CONNECTION**

**D**

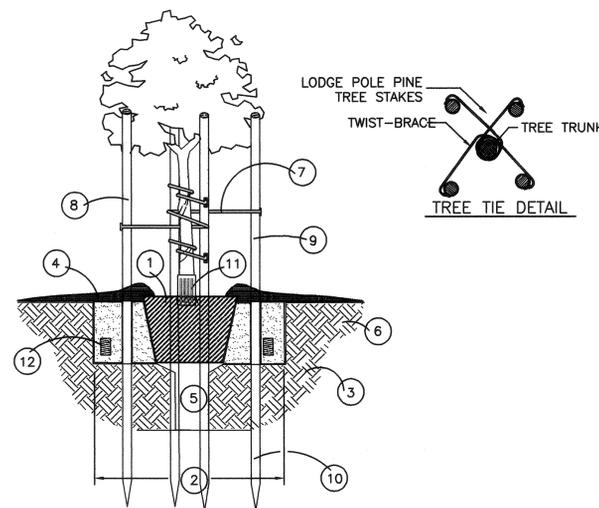
NOT TO SCALE



**TRENCHING DETAIL**

**E**

NOT TO SCALE



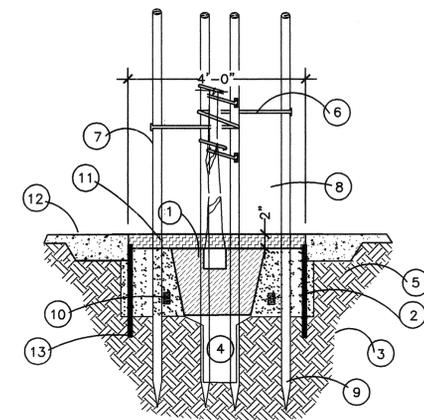
**TREE PLANTING GUIDELINES**

1. THE TOP OF THE ROOTBALL SHOULD BE AT OR SLIGHTLY ABOVE FINAL GRADE.
2. PLANTING PITS SHOULD BE AT LEAST TWICE THE DIAMETER OF THE ROOTBALL.
3. THE ROOTBALL SHOULD REST ON UNAMENDED SOIL.
4. CONSTRUCT THE WATER BERM ON THE INSIDE OF THE OUTER EDGE OF THE ROOTBALL. THIS WILL PERMIT WATER TO FLOW THROUGH THE ROOTBALL.
5. FOR POORLY DRAINING SOILS, AUGER A 4" MINIMUM DIAMETER HOLE 24-36" DEEP, OR TO A FREE DRAINING LAYER, AND FILL THE HOLE WITH WASHED PLASTER SAND. TAPER THE BOTTOM OF THE PLANTING PIT TO ALLOW GOOD WATER MOVEMENT.
6. BACKFILL MIX: SEE SPECIFICATIONS.
7. TWIST-BRACE, V.I.T. PRODUCTS
8. LODGE POLE PINE TREE STAKES (8' LONG)
9. 1x4 CROSS TIES
10. INSTALL STAKES BEYOND ROOTBALL
11. PLASTIC TREE GUARD TO PROTECT TREE FROM WEED-EATER. USE IN TURF AREAS ONLY.
12. AGRIFORM 21 GRAM PLANTING TABLET. SEE SPECIFICATIONS.

**TREE PLANTING DETAIL**

**F**

NOT TO SCALE



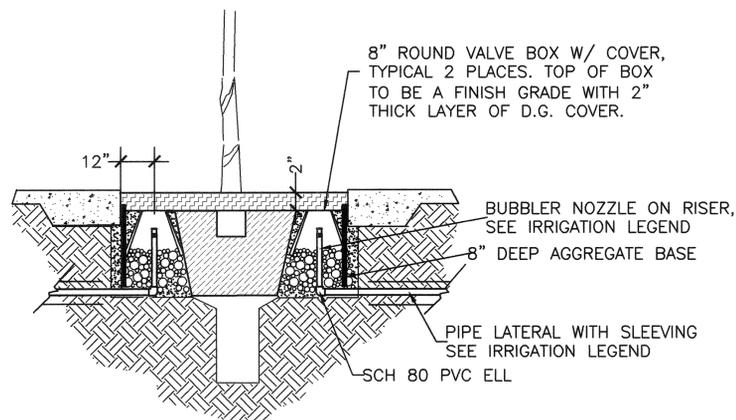
**TREE-WELL PLANTING GUIDELINES**

1. THE TOP OF THE ROOTBALL SHALL BE AT OR SLIGHTLY ABOVE FINAL GRADE.
2. PLANTING PITS SHALL BE TWICE THE DIAMETER OF THE ROOTBALL.
3. THE ROOTBALL SHALL REST ON UNAMENDED SOIL.
4. FOR POORLY DRAINING SOILS, AUGER A 4" MINIMUM DIAMETER HOLE 24-36" DEEP, OR TO A FREE DRAINING LAYER, AND FILL THE HOLE WITH WASHED PLASTER SAND. TAPER THE BOTTOM OF THE PLANTING PIT TO ALLOW GOOD WATER MOVEMENT.
5. BACKFILL MIX: SEE PLANTING SPECIFICATIONS.
6. TWIST-BRACE, V.I.T. PRODUCTS
7. LODGE POLE PINE TREE STAKES (8' LONG)
8. 1x4 CROSS TIES
9. INSTALL STAKES BEYOND ROOTBALL
10. AGRIFORM 21 GRAM PLANTING TABLET. SEE SPECIFICATIONS.
11. INSTALL 2" THICK LAYER OF DECOMPOSED GRANITE, 1/2" BELOW FINISH SURFACE.
12. SIDEWALK
13. INSTALL DEEP ROOT BARRIER BELOW FINISH GRADE OF DECOMPOSED GRANITE, AS PER MANUFACTURER'S RECOMMENDATIONS.

**TREE WELL PLANTING DETAIL**

**G**

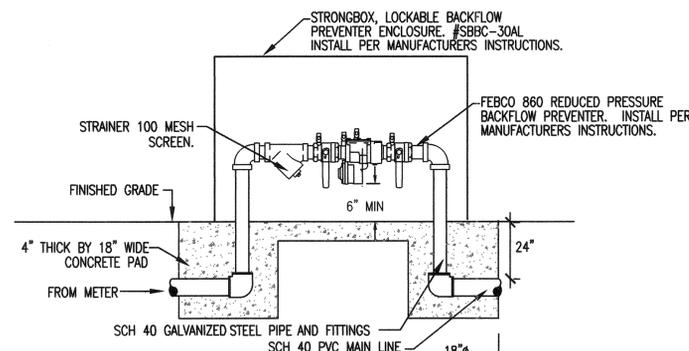
NOT TO SCALE



**IRRIGATION IN TREE WELL**

**H**

NOT TO SCALE



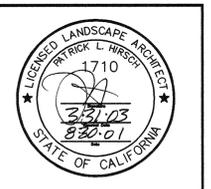
**REDUCED PRESSURE BACKFLOW PREVENTER**

**I**

NOT TO SCALE

Project;

MYRA LINN PARK  
MOBLEY AVE. & COOK AVE.  
CITY OF RIVERSIDE, CA 92505



Date; 8-30-01  
Design; P. HIRSCH  
Job No; 0015

Description;  
IRRIGATION  
AND  
PLANTING  
DETAILS

DRAWING

PD/LID

SHEET 34 OF 34