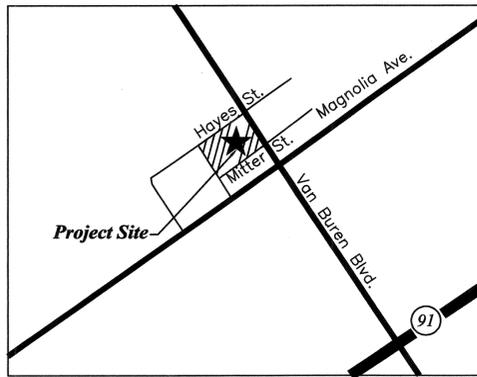


CITY OF RIVERSIDE PARKS AND RECREATION DEPARTMENT CONSTRUCTION PLANS FOR PLAY AREA RENOVATIONS

ARLINGTON PARK

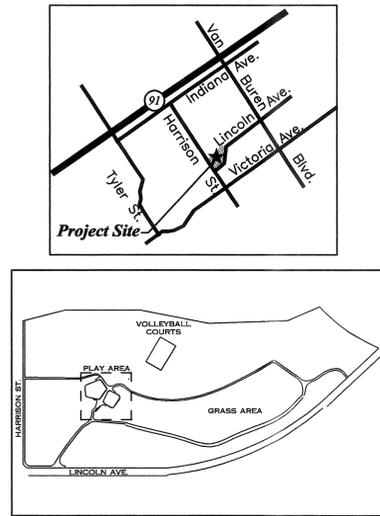


NOT TO SCALE



ARLINGTON PARK
3860 VAN BUREN BLVD.
RIVERSIDE, CALIFORNIA

HARRISON PARK

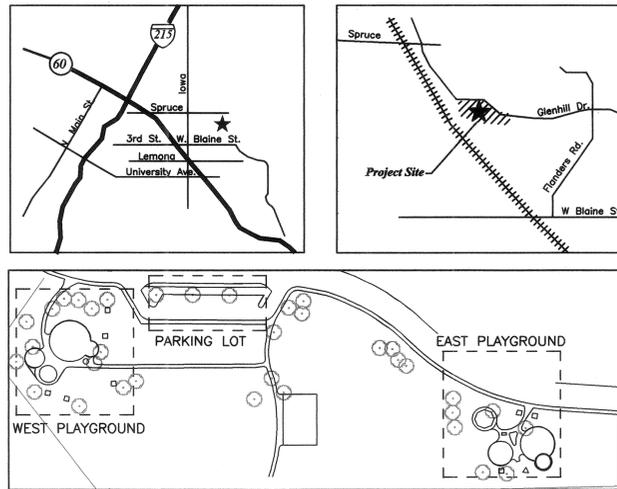


NOT TO SCALE



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

HIGHLAND PARK

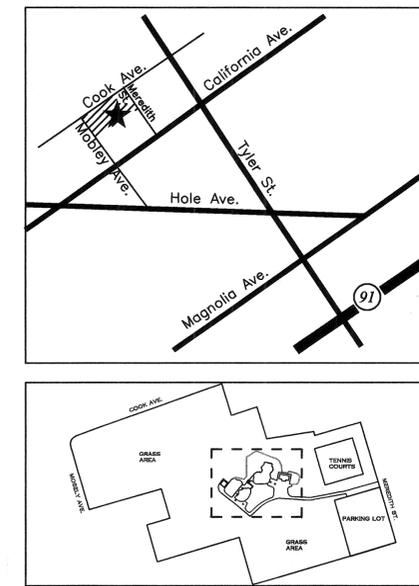


NOT TO SCALE



HIGHLAND PARK
780 GLENHILL DR.
RIVERSIDE, CALIFORNIA

MYRA LINN PARK



NOT TO SCALE

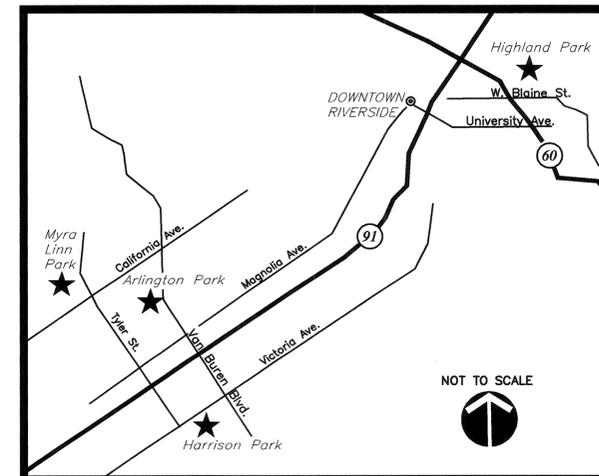


MYRA LINN PARK
MOBLEY AVE. AND COOK AVE.
RIVERSIDE, CALIFORNIA

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GENERAL MAP



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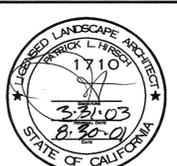
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Project;

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

Tom Nelson
PARK AND RECREATION DIRECTOR

8/22/01
DATE:

Dan Roberts
PARKS MAINTENANCE SUPERINTENDENT

8/22/01
DATE:

HIGHLAND PARK PLAY AREA RENOVATIONS

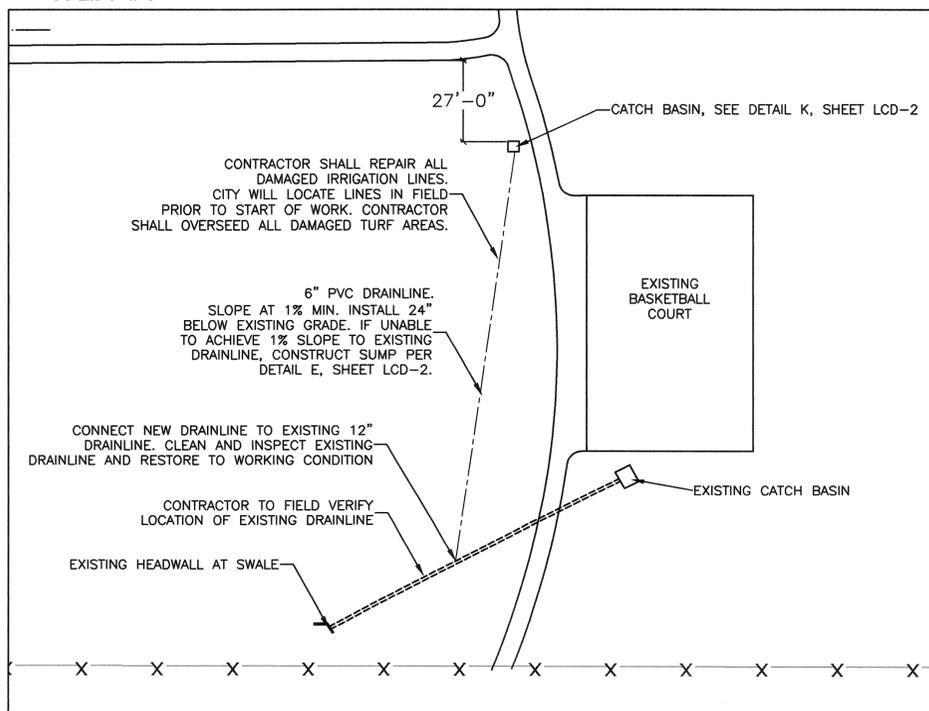
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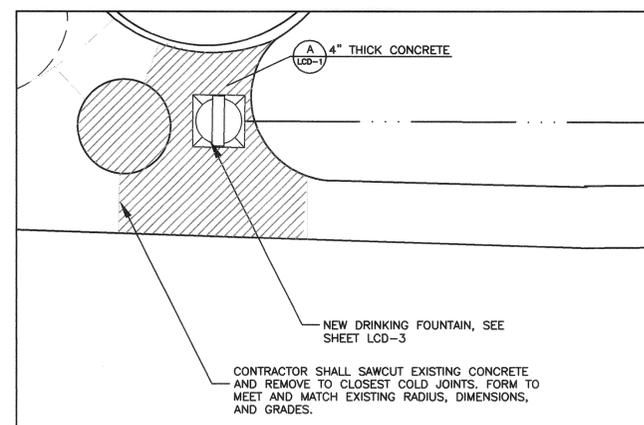
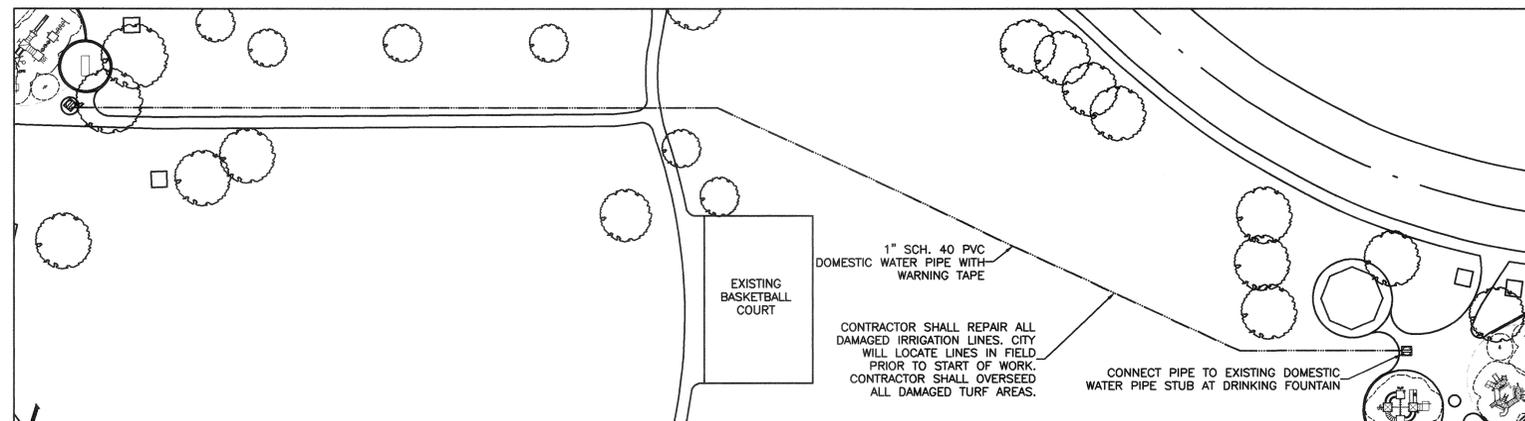
ADDITIVE ITEMS

ITEM #1



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

ITEM #2

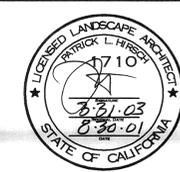


BLOW-UP

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

Project;

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HIGHLAND PARK
780 GLENHILL DR.
RIVERSIDE, CALIFORNIA



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

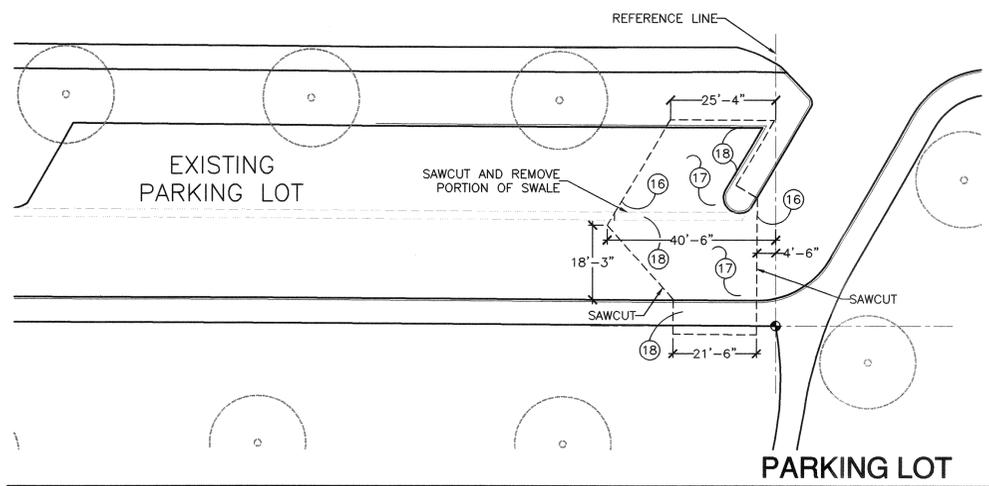
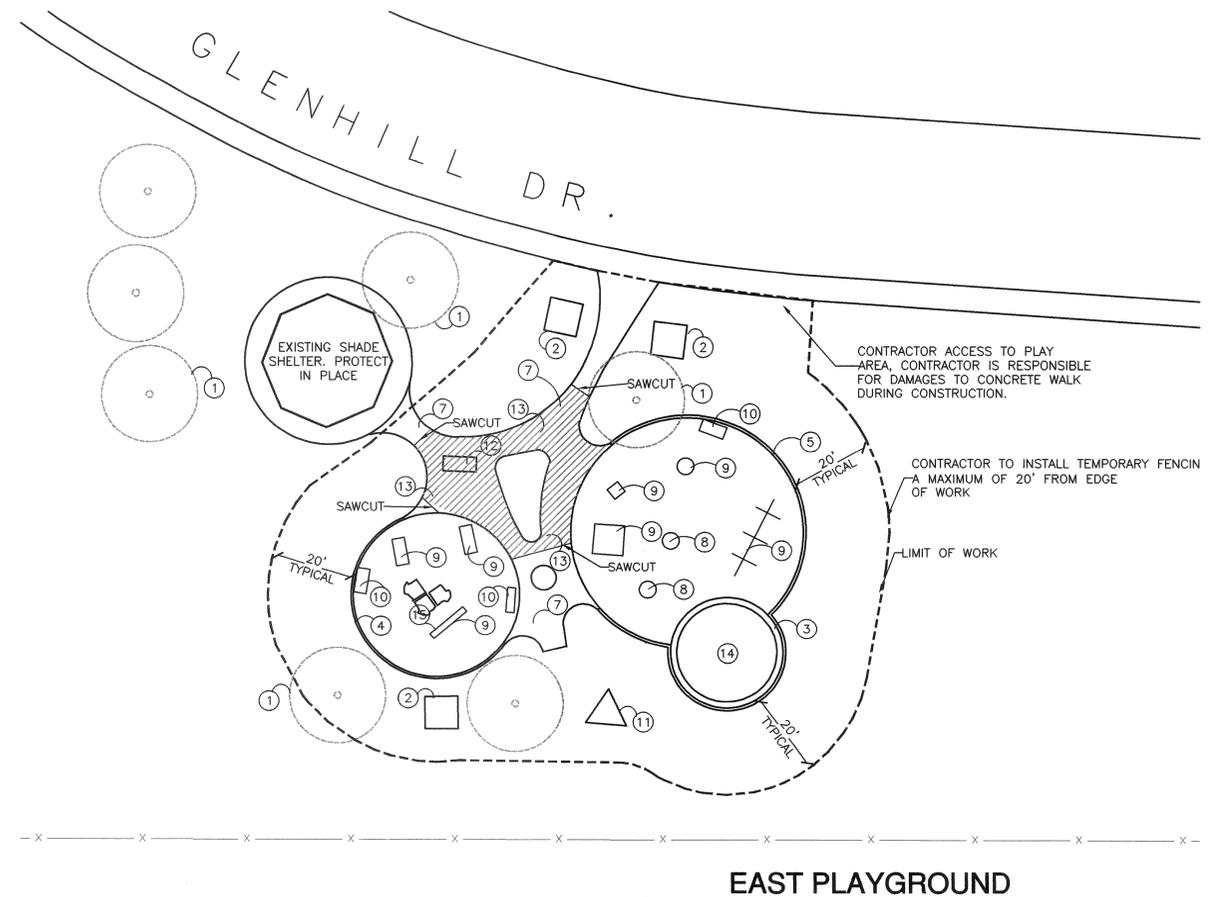
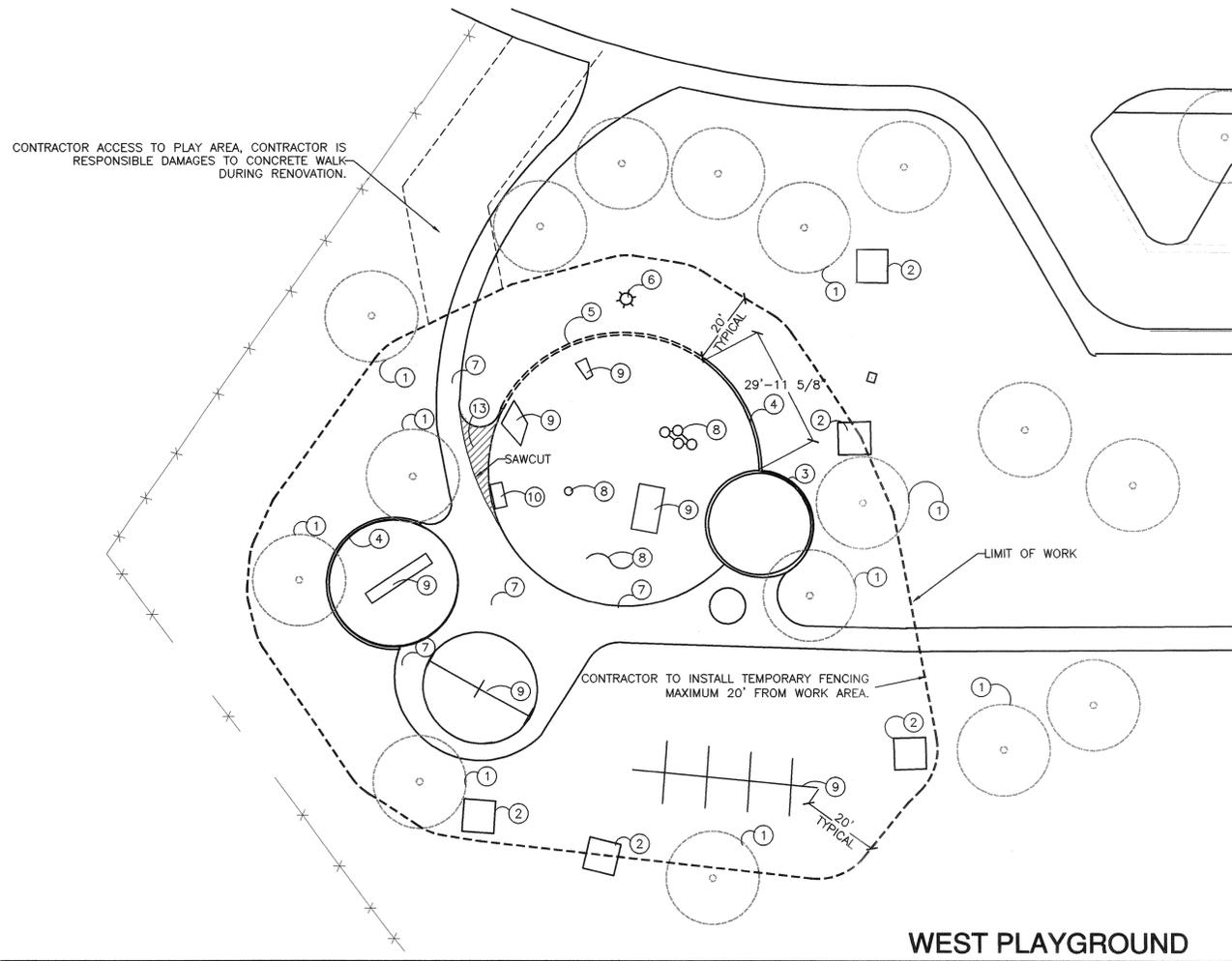
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HIGHLAND
COVER
SHEET

Drawing

HI-CS

Sheet 16 Of 34

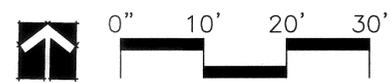


DEMOLITION CALL-OUTS

- ① EXISTING TREES, TO BE PROTECTED
- ② EXISTING PICNIC TABLES, TO BE PROTECTED.
- ③ RAISED CONCRETE SAND WALL, TO BE PROTECTED
- ④ EXISTING PORTION OF PLAY CURB TO BE PROTECTED IN PLACE. SEE CONSTRUCTION PLAN FOR EXACT PORTION.
- ⑤ EXISTING PLAY AREA CURB TO BE REMOVED
- ⑥ EXISTING LIGHT TO BE PROTECTED
- ⑦ EXISTING CONCRETE WALKWAY TO BE PROTECTED. CONTRACTOR NOT TO USE WALKWAY FOR HEAVY EQUIPMENT
- ⑧ EXISTING PLAY EQUIPMENT TO BE SALVAGED AND RE-USED. SEE SHEET HI-PA FOR PLACEMENT
- ⑨ EXISTING PLAY EQUIPMENT TO BE REMOVED.
- ⑩ EXISTING BENCH TO BE REMOVED
- ⑪ EXISTING BBQ, TO BE PROTECTED
- ⑫ REMOVE EXISTING CONCRETE TABLE AND DRINKING FOUNTAIN. CAP EXISTING DOMESTIC WATER PIPE.
- ⑬ REMOVE PORTION OF EXISTING CONCRETE WALKWAY.
- ⑭ REMOVE SAND AND DISPOSE
- ⑮ SALVAGE EXISTING METAL BEAR FIGURE AND PROTECT.
- ⑯ DASHED LINE REPRESENTS EXISTING A.C. PAVEMENT AREA TO BE REMOVED.
- ⑰ PROTECT EXISTING BASE MATERIAL. REGRADE AND COMPACT TO NEW SUBGRADE ELEVATIONS. ADD NEW MATERIAL AS NECESSARY TO ACHIEVE FINAL GRADES.
- ⑱ CONTRACTOR TO SAWCUT EXISTING CONCRETE SWALE, SIDEWALK, AND CURBING WHERE SHOWN, AND REMOVE.

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 OCCURRED 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.



UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

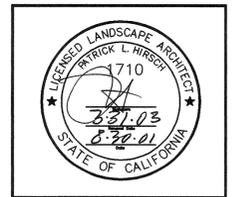
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HIGHLAND PARK
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RIVERSIDE, CALIFORNIA

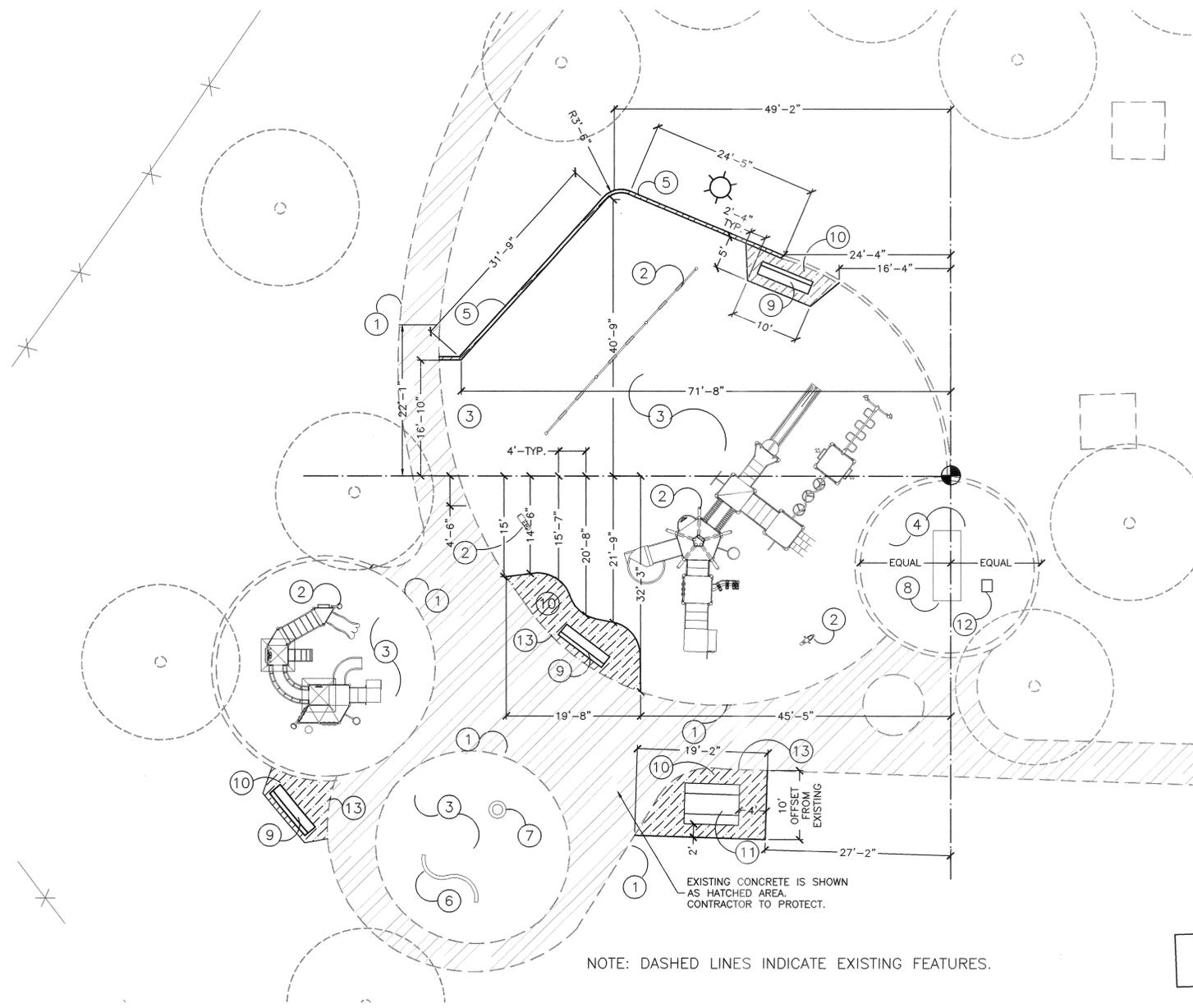


Date; 8-30-01
Design; P. HIRSCH
Job No; 0015

Description;

SITE
DEMOLITION
PLAN

DRAWING
HI-SD
SHEET 17 OF 34



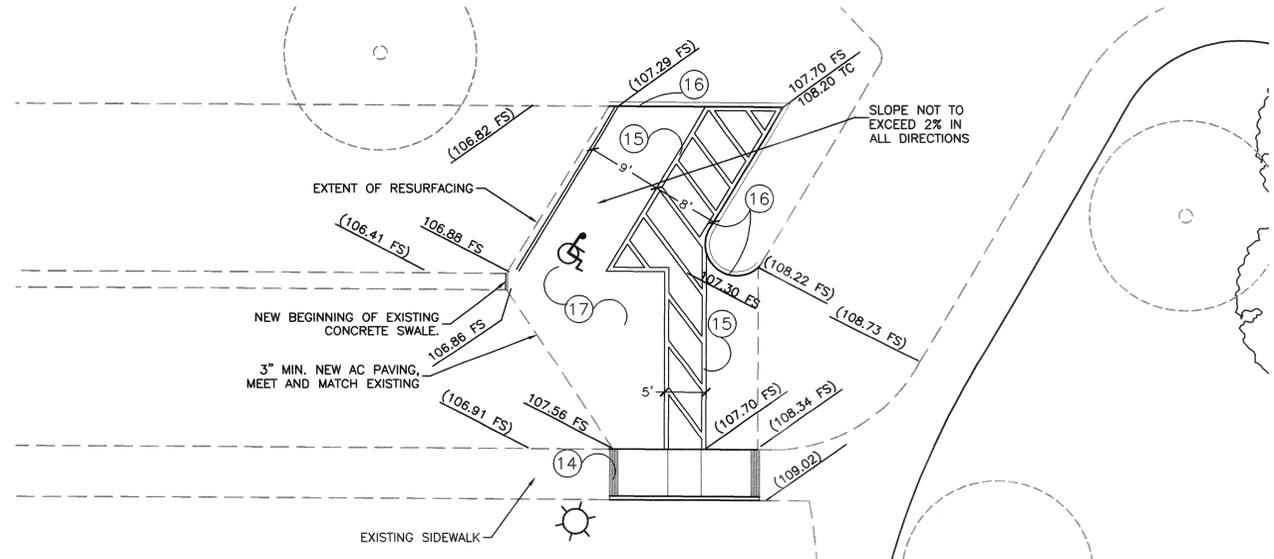
WEST PLAYGROUND

CONSTRUCTION CALL-OUTS

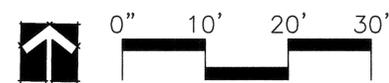
- ① EXISTING EDGE OF CONCRETE WALK, PROTECT
- ② NEW PLAYGROUND EQUIPMENT, SEE SHEET HI-PA
- ③ NEW PLAY AREA SURFACING, SEE SPECIFICATIONS
- ④ NEW SILICA SAND, SEE SPECIFICATIONS. EXCAVATE EXISTING SAND AND REMOVE.
- ⑤ NEW CONCRETE PLAY AREA CURB, SEE DETAIL K, SHEET LCD-1. MEET AND MATCH EXISTING WHERE APPLICABLE.
- ⑥ EXISTING CONCRETE SWISS CHEESE WALL STRUCTURE. TO BE SALVAGED AND RE-MOUNTED. EXCAVATE WITH FOOTING AND PLACE ON 6" THICK GRAVEL BASE. COMPACT TO 95%.
- ⑦ EXISTING CONCRETE TREE FORM STRUCTURE. TO BE SALVAGED AND RE-MOUNTED. EXCAVATE WITH FOOTING AND PLACE ON 6" THICK GRAVEL BASE. COMPACT TO 95%.
- ⑧ EXISTING CONCRETE CASTLE STRUCTURE. TO BE SALVAGED AND RE-MOUNTED. EXCAVATE WITH FOOTING AND PLACE ON 6" THICK GRAVEL BASE. COMPACT TO 95%.
- ⑨ NEW BENCH, SEE SPECIFICATIONS
- ⑩ NEW 4" THICK CONCRETE SLAB, SEE DETAIL A, SHEET LCD-1
- ⑪ NEW PICNIC TABLE, SEE SPECIFICATIONS.
- ⑫ SAND AREA SUMP, SEE DETAIL B, LCD-2.
- ⑬ DOWELED JOINT, SEE DETAIL F, LCD-1.
- ⑭ HANDICAP RAMP, SEE DETAIL G, SHEET LCD-1
- ⑮ HANDICAP PARKING STALL, SEE DETAIL J, SHEET LCD-1. SLOPE NOT TO EXCEED 2% IN ANY DIRECTION.
- ⑯ NEW PARKING LOT CURB, CONSTRUCT PER APWA STANDARD #120-1, TYPE A1-150.
- ⑰ INSTALL NEW ASPHALT PAVING, SEE DETAIL H, SHEET LCD-1, ADD AGGREGATE BASE MATERIAL TO MATCH EXISTING TO ACHIEVE PROPOSED ELEVATIONS. COMPACT TO 95%.

CONSTRUCTION NOTES

- 1. CONTRACTOR SHALL CONSTRUCT IN THEIR ENTIRETY ALL ITEMS OF WORK AS SHOWN ON PLANS AND DELINEATED IN SPECIFICATIONS.
- 2. 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.
- 3. ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE UNIFORM BUILDING CODES, SPECIFICATIONS, LOCAL ORDINANCES AND ADA REQUIREMENTS, AND "TITLE 24 ACCESSIBILITY REQUIREMENTS."
- 4. CONTRACTOR SHALL KEEP JOB SITE FREE OF DEBRIS AT ALL TIMES.
- 5. ALL CONCRETE SHALL BE 520-C-2500 (TYPE II, 520 LBS LBS CEMENT / CU. YDS., CLASS C AGGREGATE, 2500 LBS IN 28 DAYS). SEE SPECIFICATIONS FOR REQUIREMENTS.
- 6. ALL ANCHORS AND REINFORCEMENTS SHALL BE HELD IN PLACE, TIED AND OR SUPPORTED TO PRIOR PLACEMENT OF CONCRETE.
- 7. 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.
- 8. 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.
- 9. CONTRACTOR SHALL PROVIDE ALL SURVEY WORK NECESSARY FOR CONSTRUCTION. CONTRACTOR SHALL ESTABLISH ALL ELEVATIONS FOR CONSTRUCTION.
- 10. ALL LAYOUT AND FORMING OF CONSTRUCTION ITEMS MUST BE REVIEWED AND APPROVED BY CITY REPRESENTATIVE PRIOR TO CONSTRUCTION.
- 11. RADIUS ALL EXPOSED EDGES OF CONCRETE WITH 1/2" RADIUS FINISHING TOOL.
- 12. ALL CONCRETE FLAT WORK SHALL BE 4" THICK WITH A MEDIUM BROOM FINISH UNLESS SPECIFIED OTHERWISE.
- 13. ALL CONCRETE DRIVE APPROACHES AND CONCRETE SUBJECT TO VEHICULAR TRAFFIC SHALL BE 8" THICK WITH A MEDIUM BROOM FINISH UNLESS SPECIFIED OTHERWISE.
- 14. ALL WORK SHALL COMPLY WITH ALL REQUIREMENTS OF THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION.
- 15. ALL NEW CONSTRUCTION TO MEET AND MATCH EXISTING.



HANDICAP PARKING AT PARKING LOT



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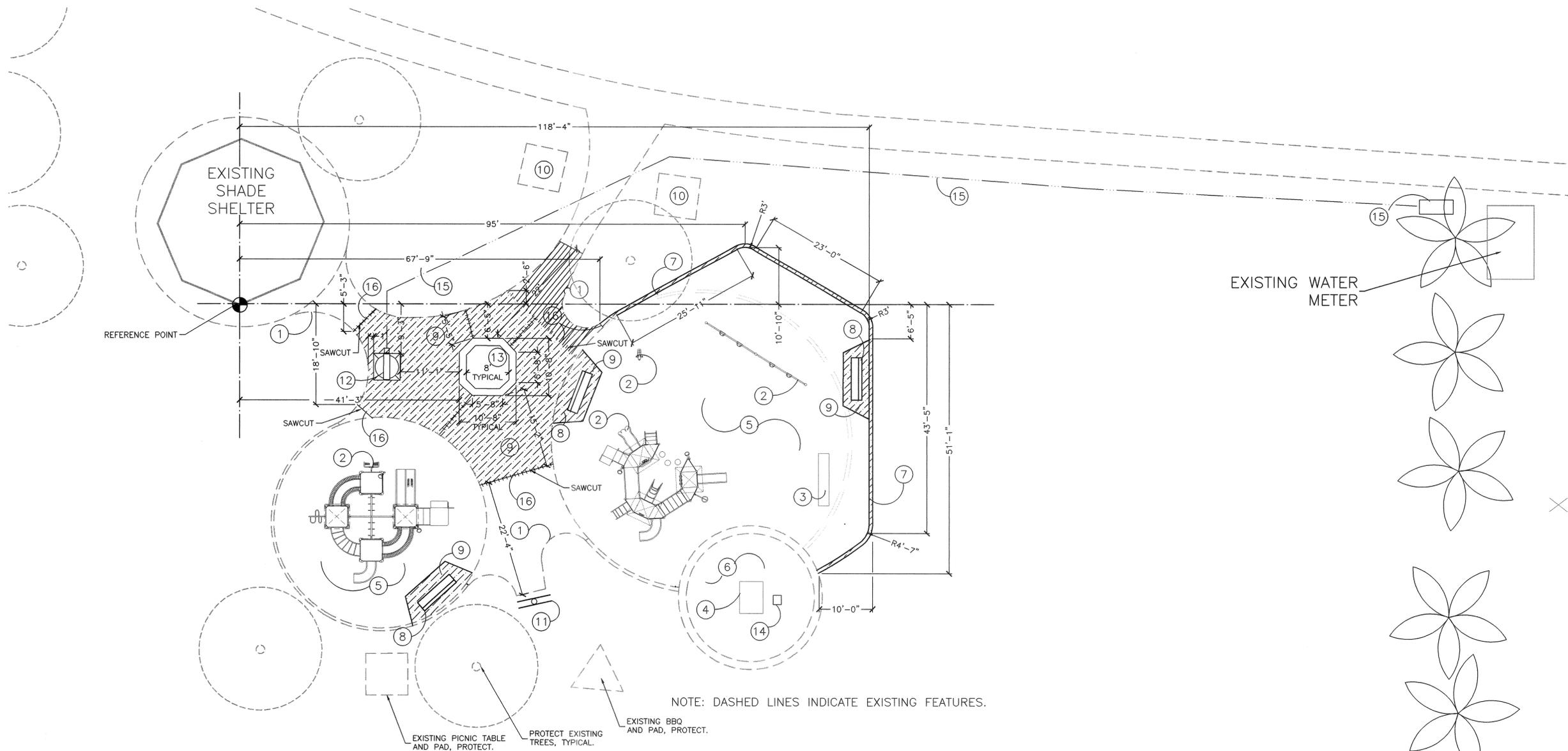
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**CITY OF RIVERSIDE
HIGHLAND PARK
780 GLENHILL DR.
RIVERSIDE, CALIFORNIA**



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

Description;
**SITE
CONSTRUCTION
PLAN**

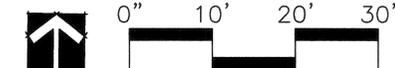
DRAWING
HI-SC-1
SHEET 19 OF 34



EAST PLAYGROUND

CONSTRUCTION CALL-OUTS

- | | |
|--|--|
| <p>① EXISTING EDGE OF CONCRETE WALK, PROTECT</p> <p>② NEW PLAYGROUND EQUIPMENT, SEE SHEET HI-PA</p> <p>③ EXISTING CONCRETE DOLPHIN PLAY STRUCTURE. TO BE SALVAGED AND RE-MOUNTED. EXCAVATE WITH FOOTING AND PLACE ON 6" THICK GRAVEL ROCK BASE. COMPACT TO 95%.</p> <p>④ EXISTING CONCRETE TURTLE PLAY STRUCTURE. TO BE SALVAGED AND RE-MOUNTED. EXCAVATE WITH FOOTING AND PLACE ON 6" THICK GRAVEL BASE. COMPACT TO 95%.</p> <p>⑤ NEW PLAY AREA SURFACING, SEE SPECIFICATIONS</p> <p>⑥ NEW SILICA SAND, SEE SPECIFICATIONS. EXCAVATE EXISTING SAND AND REMOVE.</p> <p>⑦ NEW CONCRETE PLAY AREA CURB, SEE DETAIL K, SHEET LCD-1. MEET AND MATCH EXISTING WHERE APPLICABLE.</p> | <p>⑧ NEW BENCH ON NEW 4" THICK CONCRETE SLAB, SEE SPECIFICATIONS.</p> <p>⑨ NEW 4" THICK CONCRETE SLAB, SEE DETAIL A, SHEET LCD-1</p> <p>⑩ NEW PICNIC TABLE ON EXISTING CONCRETE PAD. SEE SPECIFICATIONS.</p> <p>⑪ EXISTING SALVAGED SHEET METAL BEAR FIGURE, SEE DETAIL I, SHEET LCD-1 FOR INSTALLATION.</p> <p>⑫ DRINKING FOUNTAIN, SEE SHEET LCD-3</p> <p>⑬ RAISED PLANTER CONCRETE MASONRY BLOCK SEATWALL WITH BRICK WALL CAP. SEE DETAIL F, SHEET LCD-2.</p> <p>⑭ SAND AREA SUMP, SEE DETAIL B, LCD-2.</p> <p>⑮ 1" PVC DOMESTIC WATER LINE AND FEBCO MODEL 860 REDUCED PRESSURE BACKFLOW PREVENTER. CONNECT BACKFLOW TO MAINLINE DOWNLINE FROM EXISTING METER. SEE DETAIL I, SHEET PD-L1D</p> <p>⑯ DOWELED JOINT, SEE DETAIL F, SHEET LCD-1.</p> |
|--|--|



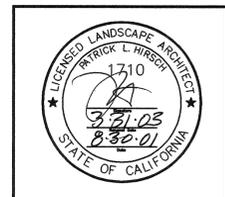
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RIVERSIDE, CALIFORNIA

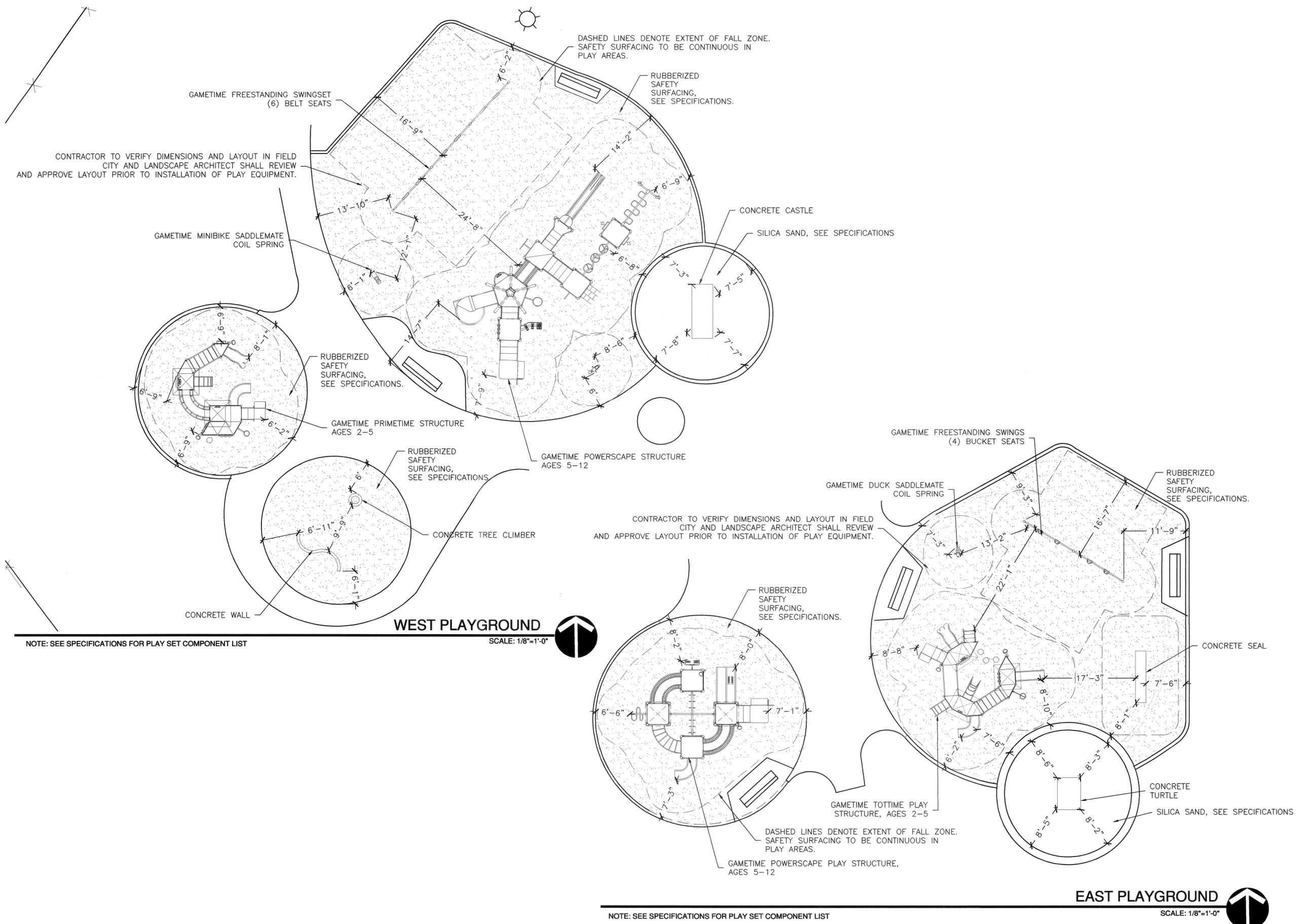


Date; 8-30-01
Design; P. HIRSCH
Job No; 0015

Description;

SITE
CONSTRUCTION
PLAN

DRAWING
HI-SC-2
SHEET 20 OF 34



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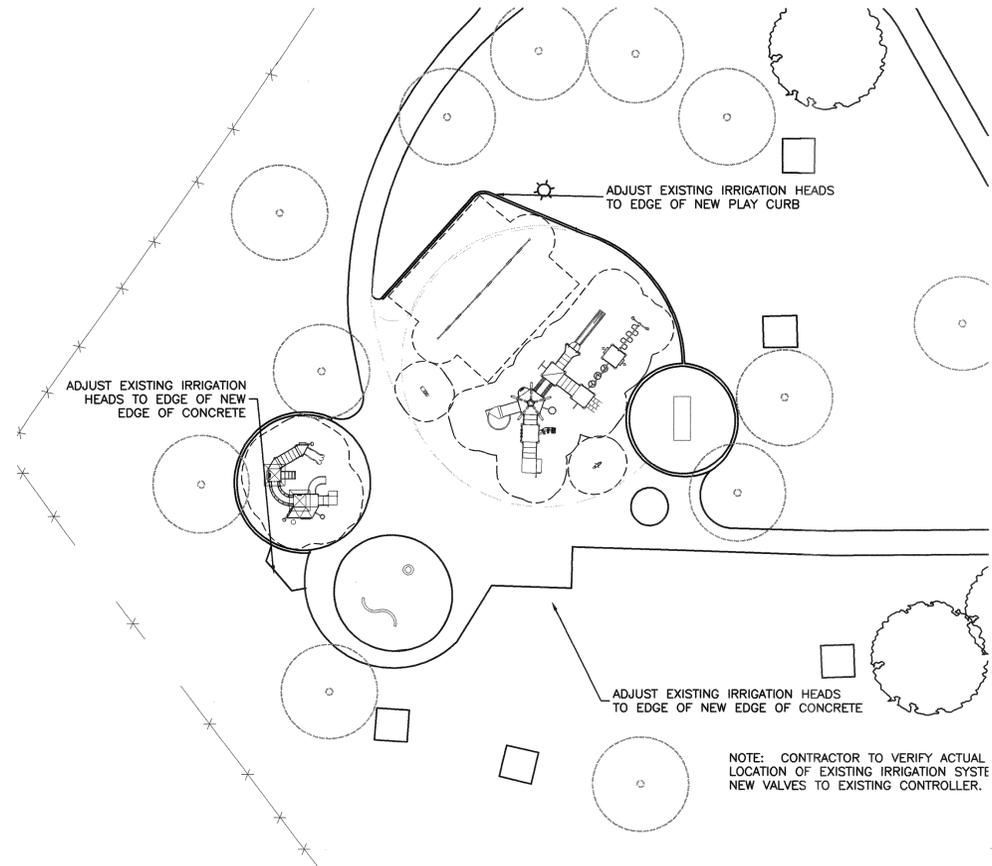
Project;
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HIGHLAND PARK
780 GLENHILL DR.
RIVERSIDE, CALIFORNIA



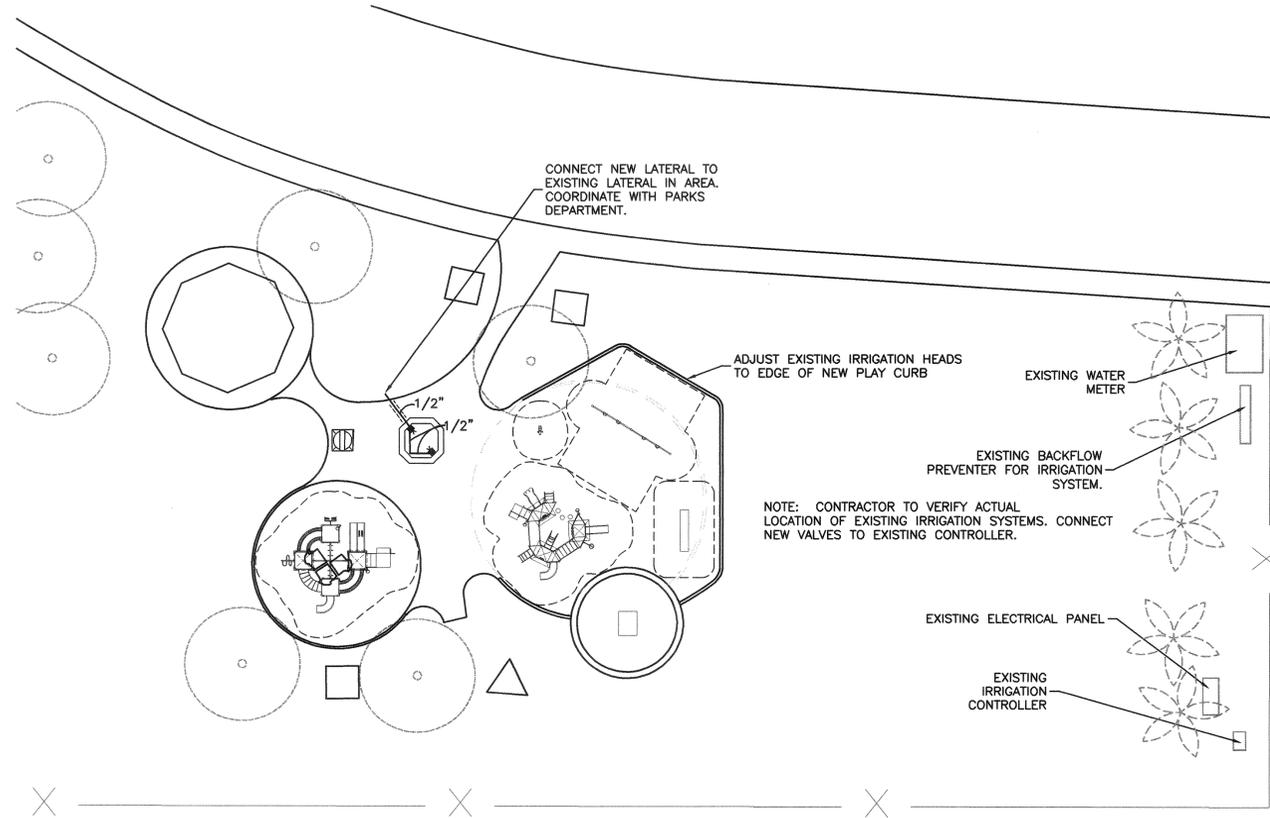
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Design; P. HIRSCH
Job No; 0015

Description;
ENLARGED PLANS
OF PLAY AREAS

Drawing
HI-PA
Sheet 21 Of 34



WEST PLAYGROUND



EAST PLAYGROUND

Irrigation Legend

SYMBOL	DESCRIPTION	RADIUS	PSI	GPM
	TORO 570Z-PRX-4P-E-8-H-PC POP-UP SPRAY	8'	30	.44
	INTERMITTENT PRESSURE LATERAL LINE TO BE SCH. 40 PVC WITH SC. 40 PVC SOLVENT WELD FITTINGS.			
	SLEEVING TO BE SCH. 40 PVC OR ABS			

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

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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RIVERSIDE, CALIFORNIA



Date; 8-30-01
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Job No; 0015

Description;
LANDSCAPE
IRRIGATION
PLAN

Drawing
HI-LI
Sheet 22 Of 34

Project;

CITY OF RIVERSIDE
 HIGHLAND PARK
 780 GLENHILL DR.
 RIVERSIDE, CALIFORNIA

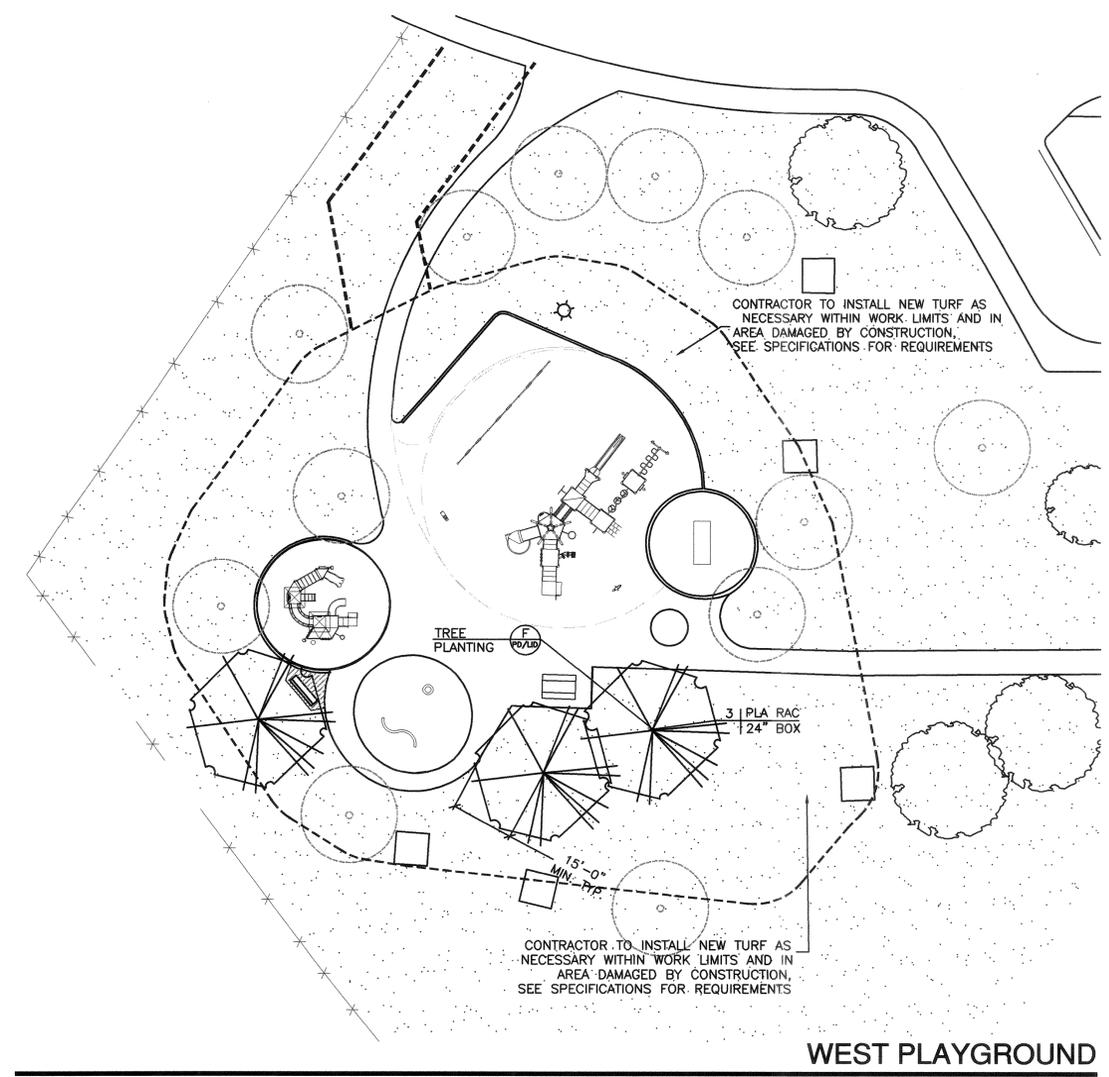


Date; 8-30-01
 Design; P. HIRSCH
 Job No; 0015

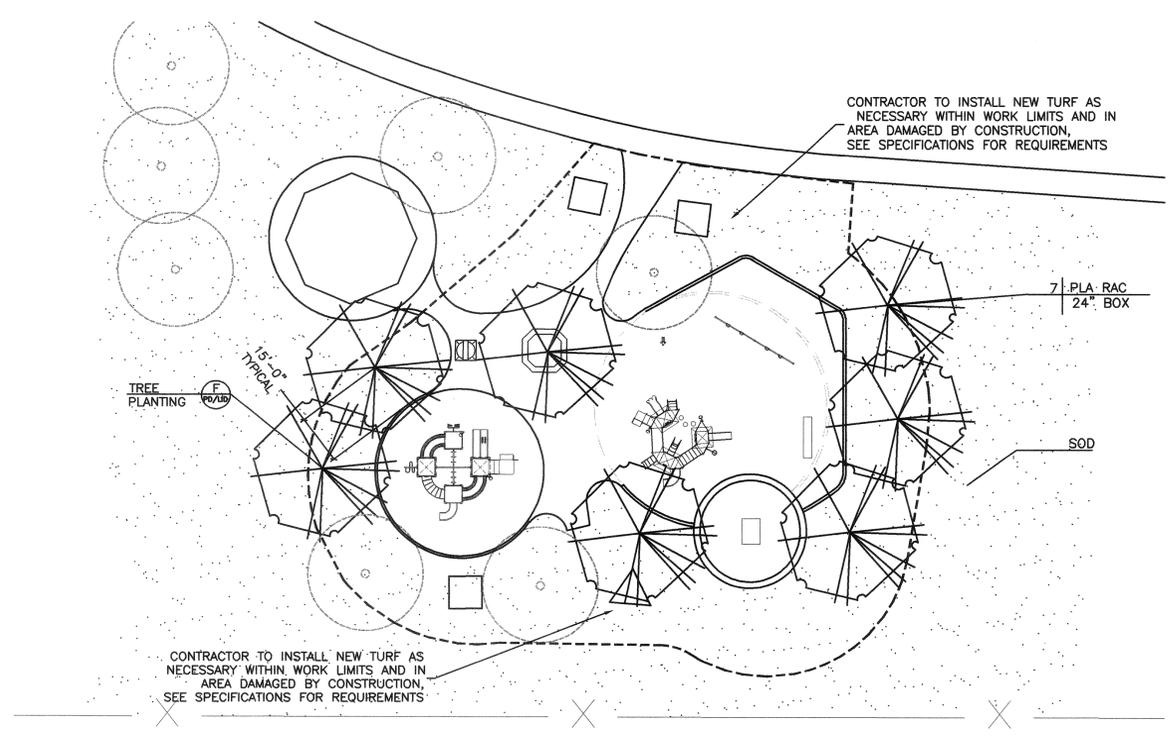
Description;

LANDSCAPE
 PLANTING
 PLAN

Drawing
 HI-LP
 Sheet 23 Of 34



WEST PLAYGROUND

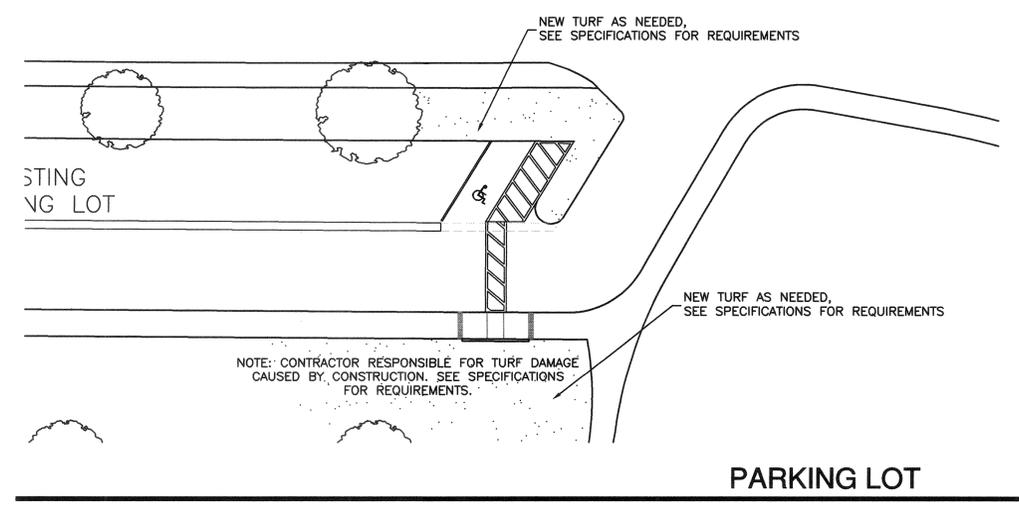


EAST PLAYGROUND

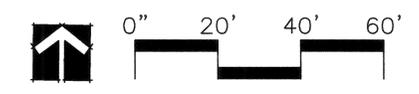
Planting Legend				
ABBREVIATION	BOTANICAL NAME	COMMON NAME	SIZE	DETAIL
TREES				
PLA RAC	PLATANUS RACEMOSA	CALIFORNIA SYCAMORE	24" BOX	F, SHEET PD/LID
TURF				
[Pattern]	Cynodon dactylon 'GN-1'	GN-1 Hybrid Bermuda	sod	

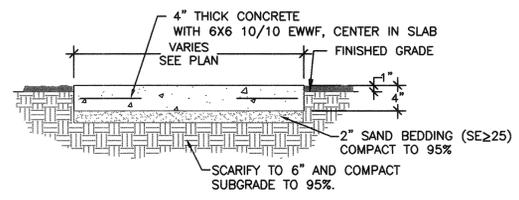
Planting Notes

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.

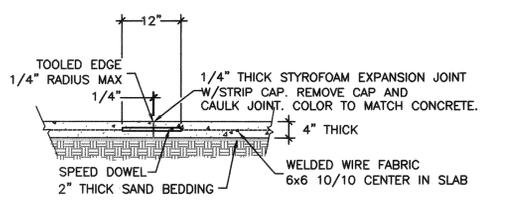


PARKING LOT

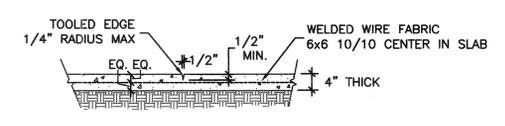




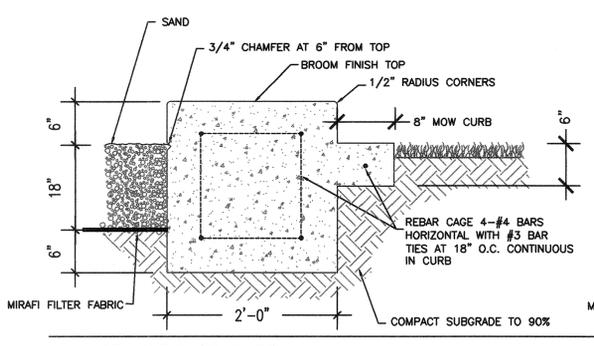
4" THICK CONCRETE
NOT TO SCALE **A**



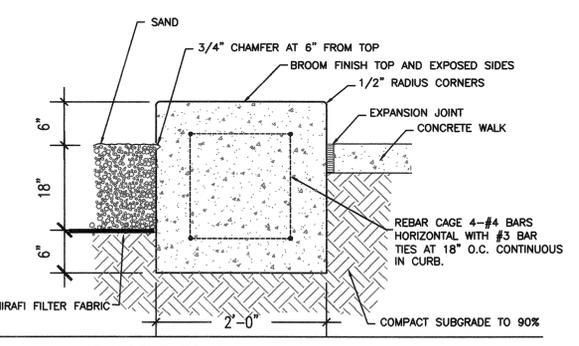
EXPANSION JOINT
NOT TO SCALE **B**



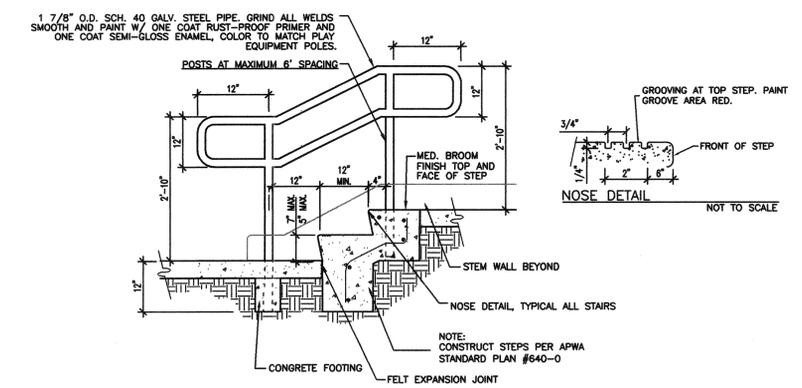
CONTROL JOINT
NOT TO SCALE **C**



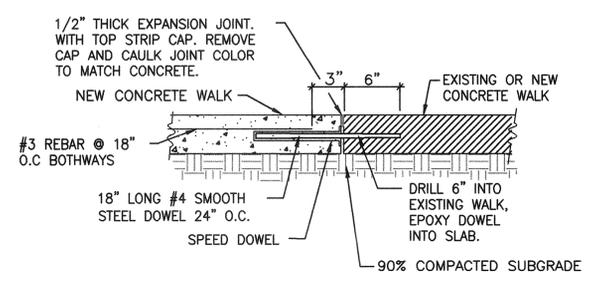
SAND AREA CURB
NOT TO SCALE **D**



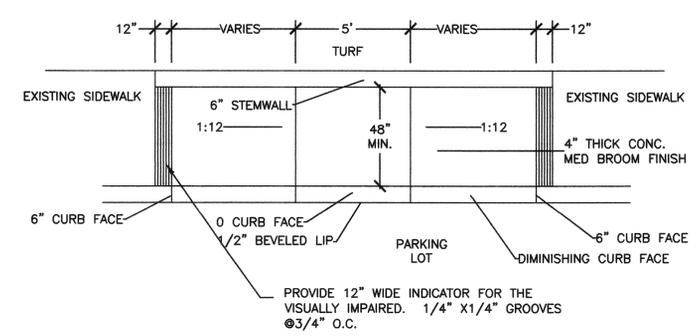
SAND AREA CURB
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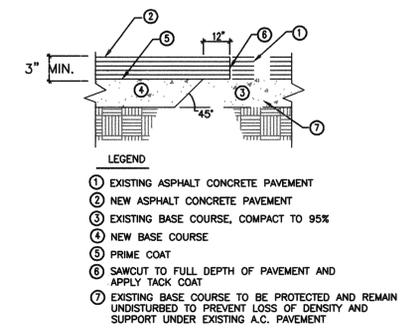
CONCRETE STAIRS
NOT TO SCALE **E**



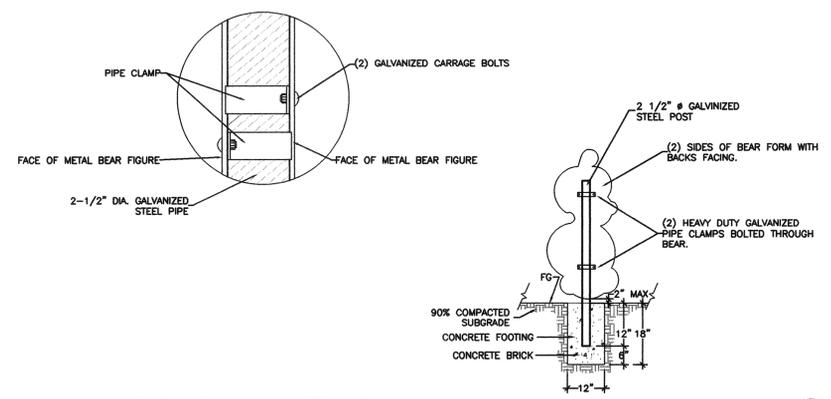
DOWELED JOINT
NOT TO SCALE **F**



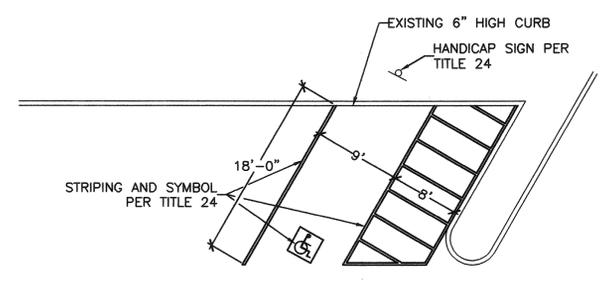
HANDICAP RAMP
NOT TO SCALE **G**



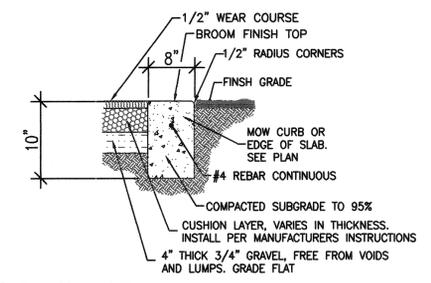
ASPHALT PAVING
NOT TO SCALE **H**



BEAR MOUNTING
NOT TO SCALE **I**



HANDICAP PARKING STRIPING
NOT TO SCALE **J**



PLAY AREA CURB
NOT TO SCALE **K**

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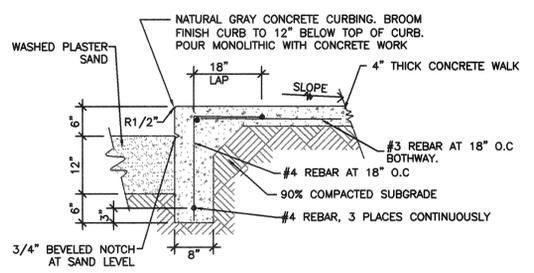
Project;
**CITY OF RIVERSIDE
PLAY AREA RENOVATIONS**



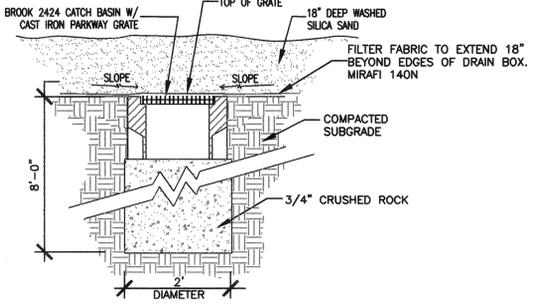
Date; 8-30-01
Design; P. HIRSCH
Job No; 0015

Description;
**CONSTRUCTION
DETAILS**

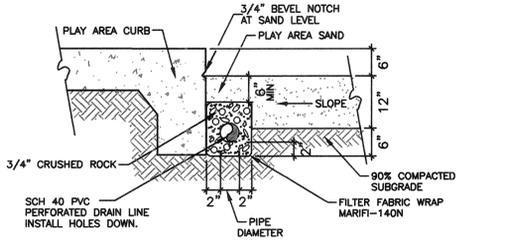
DRAWING
LCD-1
SHEET 31 OF 34



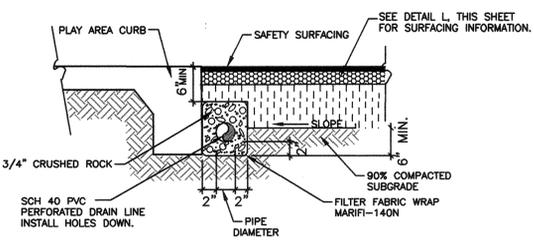
SAND AREA CURB AT SIDEWALK (A) NOT TO SCALE



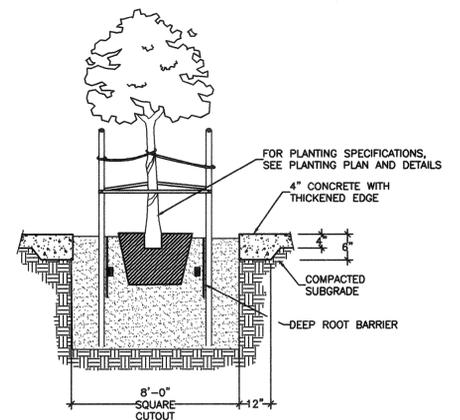
SAND PLAY AREA SUMP (B) NOT TO SCALE



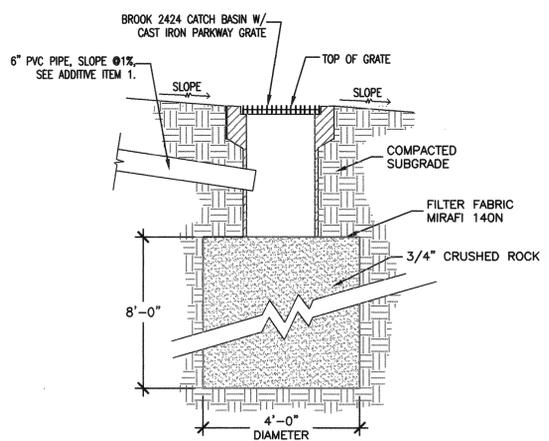
DRAIN AT SAND AND PLAY AREAS (C) NOT TO SCALE



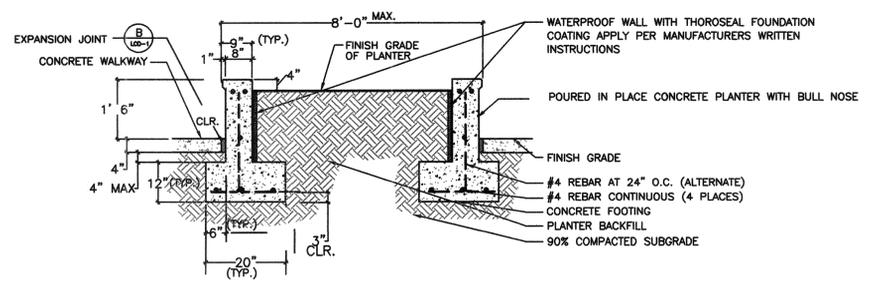
IN SAND AREA (C) NOT TO SCALE



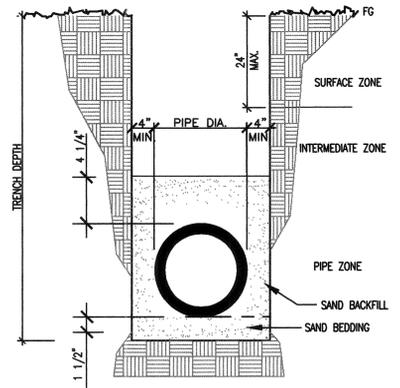
THICKENED EDGE AT TREE WELL (D) NOT TO SCALE



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



RAISED PLANTER SEAT WALL (F) NOT TO SCALE



DRAINLINE TRENCHING (I) NOT TO SCALE

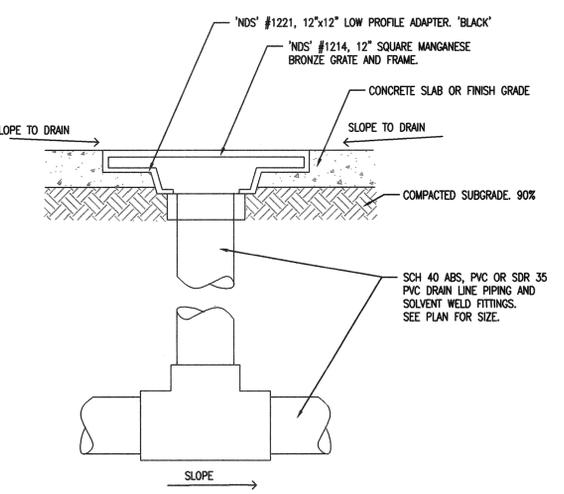
PIPE ZONE- THE PIPE SHALL BE BED ON A MINIMUM OF 4" OF SAND TO PROVIDE A FIRM AND UNIFORM BEARING THROUGHOUT THE ENTIRE LENGTH OF PIPE. THE REMAINING PORTION OF BACKFILL IN THIS ZONE SHALL BE OF SAND, FREE FROM LARGE STONES OR LUMPS, AND THOROUGHLY COMPACTED BY FLOODING OR TAMPING BEFORE ADDITIONAL BACKFILL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

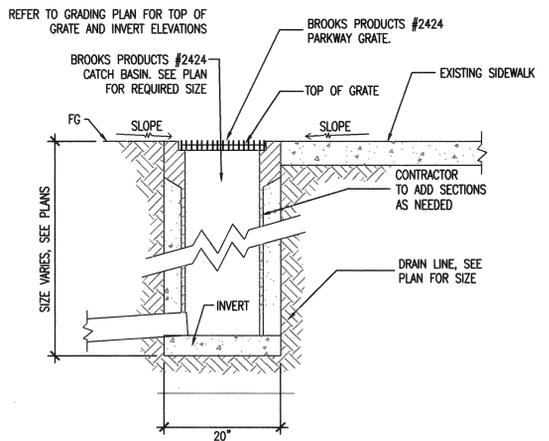
SURFACE ZONE- COMPACTION OF THIS ZONE SHALL BE PERFORMED BY MECHANICAL METHODS TO PROVIDE A RELATIVE COMPACTION OF 95% WHERE IT PASSES UNDER HARDSCAPE AND 90% IN LANDSCAPE AREAS.

NOT USED (G) NOT TO SCALE

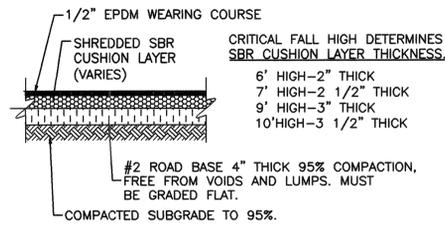
NOT USED (H) NOT TO SCALE



AREA DRAIN (J) NOT TO SCALE



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



POUR IN PLACE SAFETY SURFACING (L) NOT TO SCALE

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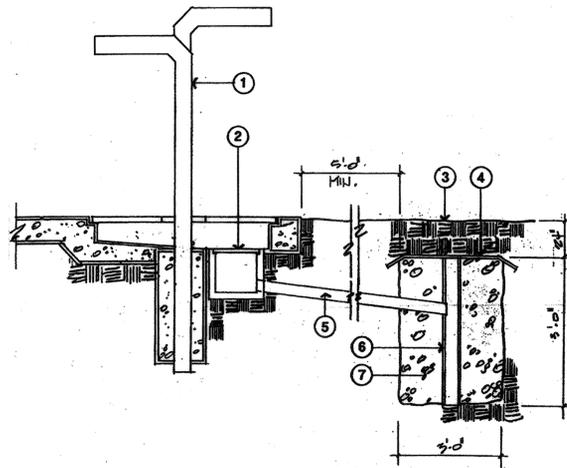
Project;
**CITY OF RIVERSIDE
PLAY AREA RENOVATIONS**



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

Description;
**CONSTRUCTION
DETAILS**

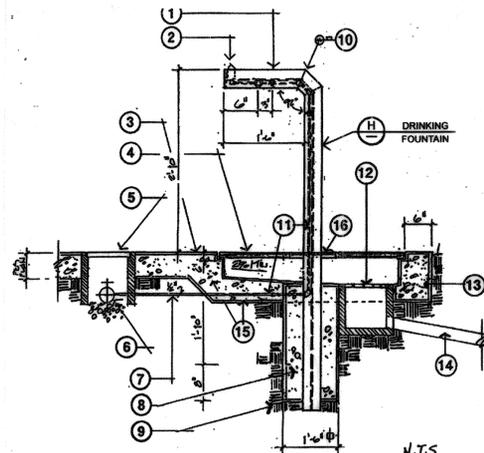
DRAWING
LCD-2
SHEET 32 OF 34



- 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.

DRINKING FOUNTAIN SUMP

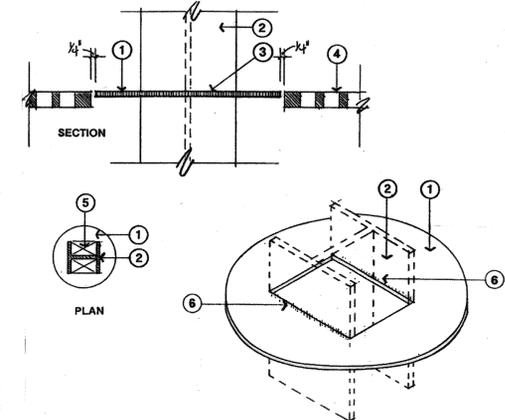
NOT TO SCALE **B**



- LEGEND**
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 INSURISHED "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.

DRINKING FOUNTAIN FABRICATION

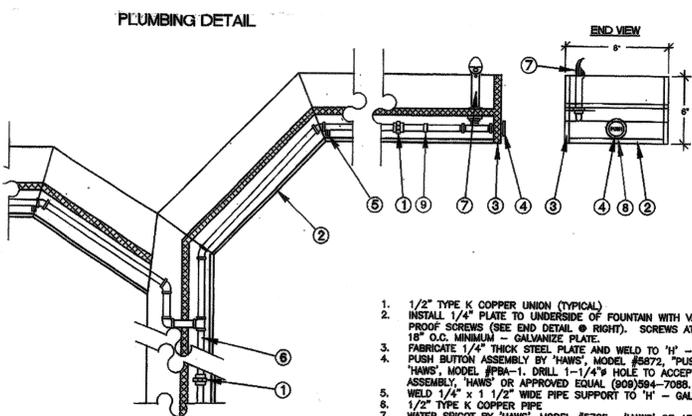
NOT TO SCALE **C**



- LEGEND**
1. 1/2" THICK ROUND STEEL PLATE COLLAR, 1/2" LESS IN DIAMETER THAN TREE GRATE OPENING. TOP OF PLATE SHALL MATCH TOP OF ADJACENT TREE GRATE ON HIGH SIDE. WELD PLATE 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.

BASE COLLAR FABRICATION

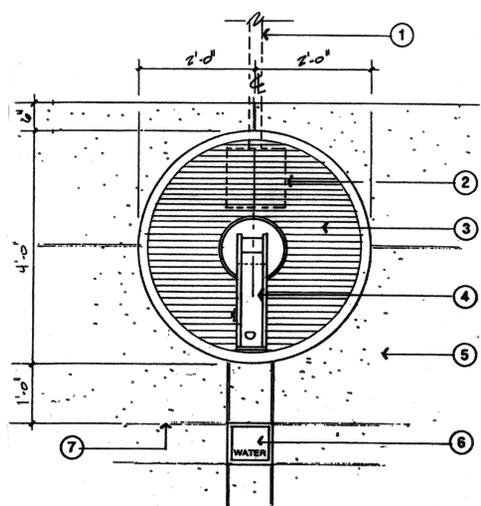
NOT TO SCALE **D**



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.
4. 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.
5. WELD 1/4" x 1 1/2" WIDE PIPE SUPPORT TO "H" - GALVANIZED.
6. 1/2" TYPE K COPPER PIPE.
7. WATER SPIGOT BY "HANS", MODEL #5725. "HANS" OR APPROVED EQ. (909)594-7088.
8. 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.
9. 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.

PLUMBING DETAIL

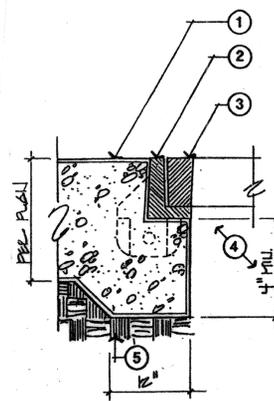
NOT TO SCALE **E**



- 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.

PLAN VIEW

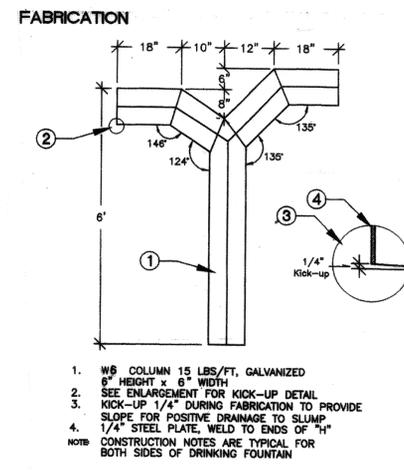
NOT TO SCALE **F**



- 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.

TREE GRATE

NOT TO SCALE **G**



- LEGEND**
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.

HI-LOW FABRICATION

NOT TO SCALE **H**

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A S L A

Project;
CITY OF RIVERSIDE
PLAY AREA RENOVATIONS



Date; 8-30-01
Design; P. HIRSCH
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Description;
DRINKING
FOUNTAIN
FABRICATION

DRAWING
LCD-3
SHEET 33 OF 34