NOTES

1. CONCRETE DEMOLITION TO OCCUR AT EXISTING JOINTS WHEN POSSIBLE. WHEN NON-JOINT DEMOLITION REQUIRES CUTTING CONCRETE AND WHEN CUTTING ASPHALT, ALL CUTS TO BE SAW CUT.

2. CALL FOR ALL TYPES OF UTILITY LOCATES PRIOR TO ANY EXCAVATION.

3. CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION, HAULING, AND DISPOSAL. OWNER WILL PROVIDE NONE OF THESE UNLESS SPECIFICALLY NOTED IN THESE DRAWINGS.

4. CONTRACTOR TO PROTECT ALL PORTIONS OF THE SITE TO REMAIN, INCLUDING IRRIGATION. PROTECT UTILITY POLE AND STORAGE SHED TO REMAIN.

5. CONTRACTOR TO REPAIR AND REPLACE ANY DAMAGE TO EXISTING SITE CONDITIONS CAUSED BY CONSTRUCTION INCLUDING BUT NOT LIMITED TO TURF, ASPHALT, FENCING, IRRIGATION, STRUCTURES, TREES, ETC. TO MEET OR EXCEED EXISTING CONDITIONS AND TO THE OWNER'S SATISFACTION.

6. THE CONTRACTOR SHALL PROVIDE FOR UNINTERRUPTED LANDSCAPE WATERING/IRRIGATION THROUGHOUT THE CONSTRUCTION PERIOD UNTIL SITE IS TRANSFERRED TO THE OWNER AND PER WRITTEN SPECIFICATION 01625.

7. SALVAGE HANDRAIL AND PAINTED JUNGLE GYM. CONTACT OWNER FOR DISPOSITION INSTRUCTIONS.

ITEMS/AREAS TO DEMOLISH (DEMO)

- DEMO ALL PLAY EQUIPMENT
- DEMO 3 BACKSTOPS
- DEMO 3 STONES OF WALK FOR NEW MOUNTABLE CURB
- DEMO 4 TETHERBALL POLES AND 2 BASKETBALL UNITS
- DEMO PLANTER
- DEMO SANDPIT
- DEMO PLAY EQUIPMENT
- DEMO SANDPIT
- DEMO BIKE RACK

ITEMS TO SALVAGE

- SALVAGE HANDRAIL
- SALVAGE JUNGLE GYM

ITEMS TO SALVAGE (DEMOLISH)

- SALVAGE AND RE-INSTALL 4 BASKETBALL UNITS
- SALVAGE AND RE-INSTALL 4 TETHERBALL POLES
- SALVAGE AND RE-INSTALL 5 TETHERBALL POLES AND 2 BASKETBALL UNITS

NOTE TO CONTRACTOR:

ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE BASED ON THE BEST AVAILABLE INFORMATION AND FIELD OBSERVATIONS. THE ACTUAL LOCATION OF THESE UTILITIES MUST BE VERIFIED IN THE FIELD PRIOR TO ANY CONSTRUCTION SINCE THE ACTUAL LOCATIONS MAY VARY FROM WHERE SHOWN ON THESE PLANS. CONTRACTOR RESPONSIBLE FOR UTILITY LOCATE.
1. REF: CIVIL FOR GRADING AND DRAINAGE.

2. ALL NEW ASPHALT AND CONCRETE TO DRAIN AND MAINTAIN POSITIVE DRAINAGE AWAY FROM BUILDING.

3. ALL SOFTSCAPE GARDEN AREAS TO DRAIN AND MAINTAIN POSITIVE DRAINAGE AWAY FROM BUILDING AND WALLS.

4. CONTRACTOR TO COORDINATE ALL ASPHALT AND CONCRETE TESTING PER THE WRITTEN SPECIFICATIONS.

5. ALL NECESSARY ASPHALT AND CONCRETE CUTS SHALL BE SAW CUTS.

6. REF: ________ FOR JOINT PLAN.

7. PROVIDE RECESSED AND CAULKED EXPANSION JOINTS PER WRITTEN SPECIFICATIONS WHERE CONCRETE FLATWORK MEETS VERTICAL STRUCTURES SUCH AS WALLS, RAMPS, CURBS, STEPS, AND BUILDING ELEMENTS.

8. PROVIDE RECESSED AND CAULKED EXPANSION JOINTS BETWEEN SWING PIT CURBS AND EXISTING RETAINING WALL.

9. REF: SHEET____ FOR CONTROL AND EXPANSION JOINT DETAILS.

10. FLATWORK CONTROL JOINTS TO BE TOOLED.

11. PLAZA CONTROL JOINTS TO BE SAW CUT.

12. PLAY PIT WALL JOINTS TO BE SAW CUT.

13. CONCRETE FLATWORK TO HAVE BROOM FINISH PER WRITTEN SPECIFICATIONS.

14. COORDINATE CONCRETE COLOR SELECTION WITH LANDSCAPE ARCHITECT FROM STANDARD COLOR SELECTION CHART PROVIDED BY CONTRACTOR.

15. ALL TREE GRATES TO BE INSTALLED IN CONCRETE WITH METAL RING PER MANUFACTURER'S SPECIFICATIONS.

16. ALL SITE FURNISHINGS TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. IN-GROUND MOUNT IN ASPHALT AREAS; SURFACE MOUNT IN CONCRETE AREAS.

17. GARDEN AREAS TO HAVE PINNED LANDSCAPE FABRIC AND BARK MULCH. SEE LANDSCAPE DETAILS ______ SHEET ______.
CURVE TABLE

-\[ \begin{array}{ll}
A & 1671565.135 \ 3120448.770 \\
B & 1671467.965 \ 3120582.026 \\
C & 1671478.899 \ 3120588.536 \\
D & 1671458.394 \ 3120569.427 \\
E & 1671468.471 \ 3120573.424 \\
F & 1671454.280 \ 3120594.341 \\
G & 1671478.144 \ 3120577.856 \\
H & 1671388.380 \ 3120574.801 \\
I & 1671367.992 \ 3120572.110 \\
J & 1671371.857 \ 3120633.273 \\
K & 1671456.677 \ 3120768.264 \\
L & 1671456.677 \ 3120768.264 \\
M & 1671412.972 \ 3120778.598 \\
N & 1671391.976 \ 3120760.894 \\
O & 1671359.470 \ 3120909.213 \\
P & 1671365.889 \ 3120877.324 \\
Q & 1671456.801 \ 3120775.304 \\
R & 1671374.747 \ 3120803.906 \\
\end{array} \]

NOTE: LAYOUT TO BE COMPLETED AT 100% CD SET.

NOTES

1. MAP OF PLANTING PLAN SHEET LAYOUT OF TREES IN SOFT SURFACE.
2. COORDINATE PLANTED SITE FURNISHMENTS LOCATION WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
3. COORDINATE FINAL SITE FURNISHMENTS LOCATION WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
4. AUTOCAD LAYOUT FILE AVAILABLE TO THE CONTRACTOR PRIOR TO CONSTRUCTION IF DESIRED FOR DIRECT INPUT OF INFORMATION BY SURVEYOR.
5. PLAZA, WALL, AND STAIR LAYOUT
6. NORTHING & EASTINGS SHOW RELATIVE POSITIONS FROM FIXED SITE IMPROVEMENTS.
7. GENERAL: ENDS OF STRAIGHT SECTIONS AND BEGINNINGS OF RADII ARE INDICATED ON THIS PLAN BY CIRCLES.
8. TANGENT POINTS OF CURVES TO HAVE SMOOTH TRANSITION TO LINES OR CURVES OF ANOTHER RADIUS.
9. ALL PLAY PIT DIMENSIONS FROM PIT INTERIOR AS SHOWN. ALL INTERIOR PIT MEASUREMENTS TO BEGIN AT DRILL. PLAY PIT ABUT PAVING JULIE HORN.
10. ALL PLAY PITS DIMENSIONING FROM INTERIOR AS SHOWN. ALL INTERIOR PIT MEASUREMENTS TO BEGIN AT DRAIN. PLAY PIT ABUT PAVING JULIE HORN.
11. REFER TO CURVE TABLE FOR CURVE DATA.
12. CONTRACTOR IS RESPONSIBLE FOR REPORTING AND REPAIRING OF ANY DEFECTS IDENTIFIED ON THIS PLAN.
13. CONTRACTOR IS RESPONSIBLE FOR THE COST TO REPAIR UTILITIES, LANDSCAPE ELEMENTS, PUBLIC AND/OR PRIVATE PROPERTY THAT IS DAMAGED BY THE CONTRACTOR OR THEIR SUBCONTRACTOR DURING INSTALLATION OR DURING THE SPECIFIED MAINTENANCE PERIODS.
14. PROVIDER TO BRACKETS AND EXCAVATION JOINTS BETWEEN SHOWN AND FOR WRITING SPECIFICATIONS. PROVIDER PROVIDER SPECIFICATIONS AND WRITING SPECIFICATIONS. PROVIDER PROVIDER SPECIFICATIONS AND WRITING SPECIFICATIONS.
15. PROVIDER TO BE AS SHOWN.
16. CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF INSTRUMENT ACCORDING TO THE MANUFACTURER'S INSTRUCTION AND INSTALLATION.
17. CONTRACTOR IS RESPONSIBLE FOR THE COST TO REPAIR OF ANY DEFECTS IDENTIFIED ON THIS PLAN.
18. CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF INSTRUMENT ACCORDING TO THE MANUFACTURER'S INSTRUCTION AND INSTALLATION.
19. PROVIDER TO BRACKETS AND EXCAVATION JOINTS BETWEEN SHOWN AND FOR WRITING SPECIFICATIONS. PROVIDER PROVIDER SPECIFICATIONS AND WRITING SPECIFICATIONS. PROVIDER PROVIDER SPECIFICATIONS AND WRITING SPECIFICATIONS.
20. PROVIDER TO BE AS SHOWN.
DENVER PUBLIC SCHOOLS

ALL LINES TO BE 4" WIDE, COLOR WHITE. FIELD COLORS VARY.

3’ TYP.
8’ TYP.

ALL LINES TO BE 2" WIDE, COLOR WHITE. STRIPING PAINT TO BE ASPHALT PAINT PER WRITTEN SPECIFICATION.

R6’
R3’
R9’

NOTES
1. REF: CIVIL FOR PARKING LOT STRIPING.
2. REF: CIVIL AND WRITTEN SPECIFICATIONS FOR STRIPING PAINT MATERIAL.
3. WHITE STRIPING PAINT TO BE SURFACE LAYER OF STRIPING ON TOP OF COLORED PAINT.
4. COLORED FIELD PAINTING WITHIN GAMES TO BE SHOWN AT 100% CD.
5. DETAIL CALLOUTS THIS SHEET ARE TYPICAL FOR ALL STRIPED GAMES. FIELD PAINT COLORS ARE SHOWN IN PLAN VIEW AT LEFT.
6. DETAIL CALLOUTS THIS SHEET ARE TYPICAL FOR ALL STRIPED GAMES. FIELD PAINT COLORS ARE SHOWN IN PLAN VIEW AT LEFT.

NOTES: COLORED FIELD PAINTING WITHIN GAMES TO BE SHOWN ADDITIONAL SOUND WAVE STRIPING BY UCD PENDING.

LEGEND
PAINTED AREAS
PARCEL_BOUNDARY
ROUND METAL TREE
EXPANSION JOINT
CONTROL JOINT

PRIMARY BASKETBALL BUCKET GAME
HOOP

WAVY HOPSCOTCH STRIPING
FOUR SQUARE STRIPING
HOPSCOTCH STRIPING
WAVY HOPSCOTCH STRIPING
FOUR SQUARE STRIPING
SALVAGED BASKETBALL UNIT WITH NEW STRIPING
SALVAGED TETHERBALL UNIT
NOTES
1. CITY MARKERS DETAILS ARE IN DEVELOPMENT AND NOT SHOWN HERE. SEE SHEET DETAILS D.
2. PLANTING DETAILS ARE NOT CALLED OUT ON THIS SHEET.
3. REINSTALL SALVAGED BASKETBALL AND TETHERBALL UNITS PER PLAN AND SPECIFICATIONS.

DETAIL CALLOUT
DETAIL SECTION

15 APRIL 2009

SAMUELS ELEMENTARY SCHOOL
3985 S. Vincennes Ct. Denver, CO 80237

LEARNING LANDSCAPE

NOTE: SITE FURNISHINGS TO BE SHOWN AT 100% CDS.
1. WALLS SHOWN HERE FOR REFINEMENT ONLY - SEE DETAIL 1, SHEET L1.9 FOR ACTUAL WALL CONSTRUCTION DETAIL.
2. ALL CONCRETE TO BE REINFORCED PER DRAWINGS AND WRITTEN SPECIFICATIONS.
3. ALL CONCRETE JOINTS TO BE PLACED PER WRITTEN SPECIFICATIONS.
4. WALL JOINTS TO BE SAW CUT ON 10' CENTERS.
5. CONCRETE PATCHING AND/OR SKIM COATING IS PROHIBITED.
6. SAW CUT JOINTS TO RECEIVE SLOPED RAMP PER PLAN. WILL BE PLACED ON SLOPE IF WALL SHOULDER IS INTERRUPTED FOR RAMP.
7. Masonry Joint Finishes to Receive 1" Bullnose Joint on Both Ends and Top of Wall.
8. Masonry Joint Finishes to Receive 1" Bullnose Joint on Both Ends and Top of Wall.
9. 2% SLOPE WITH OVERALL GRADE SLOPE PER GRADING PLAN.
10. CONCRETE CURB TO RECEIVED SLOPED RAMP PER PLAN. WILL BE PLACED ON SLOPE IF WALL SHOULDER IS INTERRUPTED FOR RAMP.
11. BAND JOINTS TO BE CHISEL DRY FINISH.
12. ALL EXPOSED VERTICAL CONCRETE TO HAVE CLASS 1 FINISH.
13. WALL JOINTS TO BE PLACED PER WRITTEN SPECIFICATIONS.
14. CONCRETE CURB TO RECEIVE SLOPED RAMP PER PLAN. WILL BE PLACED ON SLOPE IF WALL SHOULDER IS INTERRUPTED FOR RAMP.
15. CONCRETE WORK NOTES:
   1. ALL EXPOSED VERTICAL CONCRETE TO HAVE CLASS 1 FINISH.
   2. ALL CONCRETE TO BE REINFORCED PER DRAWINGS AND WRITTEN SPECIFICATIONS.
   3. ALL CONCRETE JOINTS TO BE PLACED PER WRITTEN SPECIFICATIONS.
   4. WALL JOINTS TO BE SAW CUT ON 10' CENTERS.
   5. CONCRETE PATCHING AND/OR SKIM COATING IS PROHIBITED.

DENVER PUBLIC SCHOOLS
SAMUELS ELEMENTARY SCHOOL:
LEARNING LANDSCAPE
3985 S Vincennes Ct. Denver, CO 80237

SPECIFICATIONS

SAW CUT CONTROL JOINTS 10' O.C., TO ALIGN WITH FLATWORK JOINTS

BROOM FINISH ELEVATIONS SIDES AND TOP OF WALL. JOINTS REF: CIVIL & NOTE:

2. SAW CUT 1/4" WIDTH CONTROL JOINTS EVERY TEN FEET. CONTROL JOINTS ON TOP OF WALL
   TO VARY WITH GRADE; REF: CIVIL.

PER WRITTEN SEALANT AS

2.25' MIN; VARIES:

SPECIFIED SPOT AND DOWN FACE. ALIGN SAW CUTS WITH SURROUNDING FLATWORK CONCRETE JOINTS.

1'-0" MIN. BURIED BOTH SIDES FINISH GRADE BOTTOM UNDISTURBED

2 - #4 TOP AND SUBGRADE TYPICAL 1/4" @ 8" C/C PREFORMED JOINT-FILLER BELOW TOP OF FINISH GRADE. SET BETWEEN 1/2" AND 1" STRIPS PER SPECIFICATIONS.

EQ. 6" TACK WELDS, BOTH SIDES 2 - 3/8" O.D. GALVANIZED, PAINTED TETHERBALL POST PER MANUFACTURER'S SPECS.

CONCRETE FOOTING, INSTALLED BUT TO 36" FOOTER DEPTH, MIN.

1/4" COMPACTED SUBGRADE, 95% SPD PREPARED SUBGRADE 95% SPD

1' SCHEDULE 40 PIPE STEEL SLEEVE COMPACTED SUBGRADE, R 1" BULLNOSE, TYP.

SPOT ELEVATIONS ABOVE TOP OF CURB (TOC) VARIES; SEE FINISH PER WRITTEN EXTERIOR CONCRETE BROOM SPECIFICATIONS (SEE PLAN FOR AREAS OF COLORED CONCRETE)

FIBER REINFORCED CONCRETE PER WRITTEN SPECIFICATION.

BACKFILL EXTERIOR WALL REF: STRUCTURAL FOR BOTTOM OF CURB (BOC) VARIES; SEE SPOT ELEVATIONS TOP OF MULCH (TOM) VARIES; SEE SPOT ELEVATIONS ABOVE ADJACENT PAVING SANDSTONE CUT 2" THICK WITH 1" OVERHANGS CAPSTONE.

VARIES Widths VARIES WITH GRADE; REF: CIVIL FOR SPOT ELEVATIONS

DIMENSION OF EXPOSED WALL VARIES GRADE; REF: CIVIL FOR SPOT ELEVATIONS

HEIGHT VARIES ON AMPHITHEATER SIDE.

1 SQUARE 12:1 SLOPE MAY VARY 5' OR 7'; SEE LAYOUT PLAN 8" OR 1 5' OR 7'; SEE LAYOUT PLAN

EXPOSED WALL SLOPED GRASS ENGINEERED WOOD FIBER (12" SETTLED DEPTH)

DRAINAGE AGGREGATE PER WRITTEN SPECIFICATIONS

DRAINAGE AGGREGATE PER WRITTEN SPECIFICATIONS

1. WALLS SHOWN HERE FOR REFERENCE ON LY - SEE DETAIL 1, SHEET L1.8 FOR ACTUAL WALL CONSTRUCTION DETAIL.

3. CONTRACTOR TO COORDINATE BOULDER SELECTION AND ORIENTATION WITH LANDSCAPE ARCHITECT.

6. SAW CUT CONTROL JOINTS 10' O.C. BOTH SIDES AND TOP OF WALL.
TREE WRAP TO FIRST BRANCH, STARTING FROM BOTTOM. FASTEN AT TOP AND BOTTOM AND AT 2' INTERVALS. OVERLAP 50%. APPLIES TO FALL/WINTER DECIDUOUS INSTALLATIONS ONLY.

4" DEPTH MULCH, SHREDDED CEDAR, MEDIUM TEXTURE

2X BALL DIA., MIN.

AMENDED BACKFILL PER WRITTEN SPECIFICATIONS

DO NOT DAMAGE OR PRUNE LEADER, PRUNE DAMAGED OR DEAD WOOD AND CO-DOMINANT LEADERS AT LANDSCAPE ARCHITECT’S DIRECTION ONLY

NOTES:
1. REMOVE ALL TWINE AND WIRE BASKET ENTIRELY. PULL BURLAP BACK 2 3 MINIMUM
2. ROOT BALL TO REMAIN INTACT. BROKEN OR CRUMBLING ROOT BALL WILL BE REJECTED. REMOVING THE WIRE WILL NOT BE AN EXCUSE FOR DAMAGED ROOT BALL.
3. SCARIFY EXCAVATION PIT WALLS
4. PLUMB AND ORIENT PLANTS FOR BEST APPEARANCE

TREE DENVER OK
MULCH SAUCER 48" DIAMETER AROUND TREE

GALVANIZED 12 GAUGE WIRE TIES, 1/2" DIA. WHITE PVC SLEEVE ENTIRE LENGTH OF WIRE PER WRITTEN SPECIFICATIONS

CROWN OF ROOTBALL TO BE 3" HIGHER THAN GRADE AT WHICH IT GREW

FINISH GRADE

WOOD STAKES
12" NYLON TREE STRAP

NEW EVERGREENS
NEW DECIDUOUS

STAKING DIAGRAM

2'0" MIN
SET SHRUB 1 IN. HIGHER THAN SHOULD BE PLANTED SO TOP OF ROOT MASS OCCURS AT CONCRETE CURB OR SIDEWALK

DIG PLANT PIT TWICE AS WIDE SPECIFIED MULCH 4" DEEP

SPECIFIED BACKFILL MIXTURE

LOOSEN SIDES OF PLANT PIT AND ROOTBALL HOLD GRADE 1 IN. BELOW EDGE REMOVE CONTAINER

THE GRADE AT WHICH IT GREW FINISH GRADE (ALL JUNIPER PLANTS)

NOTE:
1. ANY BROKEN OR CRUMBLING ROOTBALL WILL BE REJECTED. REMOVING THE CONTAINER WILL NOT BE AN EXCUSE FOR DAMAGED ROOTBALL.
2. PRUNE ALL DAMAGED OR DEAD WOOD IMMEDIATELY PRIOR TO PLANTING.
3. IN FRONT END PARKING SITUATIONS, PLANT SHRUBS MIN. 4'-0" BEHIND CURB.

SHADE STRUCTURE STEPS:
RISE 6", TREAD 2' DEPTH, TYPICAL

STAIRWAY STEPS:
RISE 5 5/8"; TREAD 15" DEPTH, TYPICAL

STAIRWAY STEPS:
RISE 5 5/8"; TREAD 15" DEPTH, TYPICAL

AMPHITHEATER BOULDER SEATING

LEVEL

L2.2
DENVER PUBLIC SCHOOLS

CL 6" SQUARE TUBULAR STEEL
2" SQUARE STEEL
ARE ALL AT THE SAME ELEVATION.

1/4" PLATE WITH CUTOUTS FOR "SAMUELS"

9' 2" WOVEN WIRE MESH
EXISTING FENCING

1 9/16" 1'-3" TYP. GATEWAY FOOTING

2' 1', MIN.

TOP OF FOOTING TO MATCH EXISTING FINISH GRADE

UNDISTURBED SUBGRADE

3" ANCHOR BOLTS AND TEMPLATE SUPPLIED BY CENTRAL DENVER IRONWORKS (EMBED 1' MINIMUM)

COMPACTED BACKFILL

BASE PLATE DONE BY OTHERS.

ACQUIRE ANCHOR BOLTS AND TEMPLATE FROM CENTRAL DENVER IRONWORKS

5-#3 TIES. 3@ TOP, 1@ BOTTOM, 1@ MID-HEIGHT

24" DIAMETER x 4' DEEP PIER AT COLUMNS

4-#4 VERTICALS

#3 TIES

NOTES
1. ALL STRUCTURES TWO COATS POWDER COAT PAINT AND CLEAR COAT, ANTI-GRAFITTI FINISH.
2. ALL ROUGH EDGES AND WELDS TO BE GROUND SMOOTH.