GENERAL NOTES:

1. The information on this drawing contains the dimensions, locations, and elevations of underground and other utilities that are not guaranteed to be accurate or complete. The contractor is responsible for the location of these utilities and is required to check for the location of all utilities prior to work on the project. It is the responsibility of the contractor to ensure that all underground and other utilities are accurately located.

2. The contractor shall provide for the protection of all existing underground and other utilities and shall not interfere with their proper operation.

3. The contractor shall be responsible for the protection of all existing underground and other utilities and shall not interfere with their proper operation.

4. The contractor shall be responsible for the protection of all existing underground and other utilities and shall not interfere with their proper operation.

5. The contractor shall be responsible for the protection of all existing underground and other utilities and shall not interfere with their proper operation.

6. Any construction related to existing utilities shall be done in a manner as to minimize disruption to existing utilities.

7. The contractor shall be responsible for the protection of all existing underground and other utilities and shall not interfere with their proper operation.

8. The contractor shall be responsible for the protection of all existing underground and other utilities and shall not interfere with their proper operation.

9. The contractor shall be responsible for the protection of all existing underground and other utilities and shall not interfere with their proper operation.

10. The contractor shall be responsible for the protection of all existing underground and other utilities and shall not interfere with their proper operation.

11. Any construction related to existing utilities shall be done in a manner as to minimize disruption to existing utilities.

12. The contractor shall be responsible for the protection of all existing underground and other utilities and shall not interfere with their proper operation.

13. Any construction related to existing utilities shall be done in a manner as to minimize disruption to existing utilities.

14. Any construction related to existing utilities shall be done in a manner as to minimize disruption to existing utilities.

15. Any construction related to existing utilities shall be done in a manner as to minimize disruption to existing utilities.
EROSION CONTROL NOTES

5. The Contractor and/or their authorized agents shall remove all sediment, mud, contractor debris, or other potential pollutants that may have been discharged to or accumulated in the roadway, storm drainage appurtenances, and public right-of-ways of the City and County of Denver as a result of construction activities associated with the site development or construction project. Said removal shall be conducted in a timely manner.

2. The Contractor Activities Stormwater Management Plan has been submitted to and is an application for a Construction Activities Stormwater Discharge Permit filed with the Water Resources Management Division of the City and County of Denver. I understand that additional erosion and sediment control measures may be required of the Contractor and his or her agents due to unforeseen erosion problems if the submitted plan does not function as intended. The requirements of this plan shall be the obligation of the Contractor and/or his successors or heirs until such time as the plan is properly completed, modified, or voided.

3. The Contractor shall prevent sediment, debris, and all other pollutants from entering into the storm sewer system during all demolition, excavation, trenching, bolting, grading, or any other construction operations that are part of this project.

4. A layer of suitable mulch shall be applied to all disturbed portions of the site within fourteen (14) days of the completion of all grading. Said mulch shall be applied at a rate of two (2) tons per acre and shall be planted or transplanted as approved method suitable for the type of mulch used. Rough-cut streets shall be mulched whenever a layer of aggregate road base or riprap pavement is to be applied to rough-cut streets while the 14 day period after completion of all grading.

5. The Contractor shall locate, install, and maintain all erosion control and water quality Best Management Practices as indicated in the approved Construction Activities Stormwater Management Plan. (Chapter 10, City and County of Denver, Department of Public Works, Rules and Regulations Governing Stormwater Charges, Fees and Management of Stormwater)

6. The General Contractor and/or their authorized agents shall ensure that all loads of cut and all material imported to or exported from the site shall be properly covered to prevent loss of the material during transport on public rights-of-ways. 

7. The use of rebar, steel strakes, or steel fence posts to stake down straw or hay bales or to support soil nailing used as an erosion control measure is prohibited.

8. Sods that will be stockpiled for more than 30 days shall be protected from wind and water erosion within fourteen (14) days of stockpile construction. Stabilization and protection of the stockpile may be accomplished by any of the following: Mulching/Temporary Permeable Vegetative Operations, Chemical Stabilization Application (requires WRC approval), or erosion control matting/Geotextiles. If stockpiles are located within 100 feet of a roadway, additional erosion controls such as temporary dikes or soft fence shall be required.

9. Approved erosion and sediment control Best Management Practices shall be maintained and kept in good repair for the duration of this project. At a minimum, the Contractor or his agents shall maintain and/or remove weekly erosion inspection records for all BMPs and other significant Best Management Practices. All necessary maintenance and repair shall be completed in a timely manner but no more than two (2) calendar days after the inspection. Maintenance of any other BMPs necessary to address erosion or sediment pollution shall be completed in a timely manner but no more than two (2) calendar days after the inspection. Maintenance of any other BMPs necessary to address erosion or sediment pollution shall be completed in a timely manner but no more than two (2) calendar days after the inspection. Maintenance of any other BMPs necessary to address erosion or sediment pollution shall be completed in a timely manner but no more than two (2) calendar days after the inspection. Maintenance of any other BMPs necessary to address erosion or sediment pollution shall be completed in a timely manner but no more than two (2) calendar days after the inspection.

10. Modification of an active Construction Activities Stormwater Discharge Permit by the Contractor or their authorized agents shall require timely notification of and approval by the Wastewater Management Division. Discharge Permit lapses if construction has not commenced within twelve (12) months of the issuance of the Management Permit. Termination of an active Construction Activities Stormwater Discharge Permit upon completion of the project requires notification of and approval by the Wastewater Management Division.

11. Water used in the cleaning of cement truck delivery chutes shall be discharged into a prefabricated, lined concrete containment area on the job site. The lined containment area is to be formed so that wash water is totally contained. Wash water discharged into the containment area shall be allowed to leach or evaporate. Dust control measures are required within the containment area and properly disposed of. Should a prefabricated lined containment area not be available due to the project size, any of the areas with a suitable ground surface for establishing a containment area, proper disposal of ready mix washout and rinse water at the job site shall conform to the approved techniques and practices as identified in the Colorado Department of Public Health and Environment’s training video entitled "Building for a Cleaner Environment: Ready Mix Washout Training," and its accompanying manual entitled "Ready Mix Washout Guidelines, Vehicle and Equipment Washout at Construction Sites." The indirect or direct discharge of water containing waste cement to the storm sewer system is prohibited. (Sec.58–102A, c; Revised Municipal Code, City and County of Denver).

12. The Contractor shall protect all storm sewer facilities adjacent to any location where pavement cutting operations involving wheel cutting, saw cutting, or abrasive water jet cutting are to take place. The Contractor shall remove and properly dispose of all wash water generated by said cutting operations on a daily basis. The discharge of any water contaminated with waste products from cutting operations to the storm sewer system is prohibited. (Sec.58–102A, c; Revised Municipal Code, City and County of Denver).

13. Paved surfaces which are adjacent to construction sites must be swept on a daily basis when sediments and other materials are tracked or discharged on to them. Effective sweeping by hand or use of Street Sweepers is acceptable. Street Sweepers using water while sweeping is preferred in order to minimize dust. Flushing off paved surfaces with water is prohibited. (Sec.58–102A, c; Revised Municipal Code, City and County of Denver).
LEGEND:
- Limits of Construction
- Property Line
- Existing Fencing
- Existing Trees
- Existing Vegetation
- Existing Planting
- Existing Trees
- EX. Manhole
- EX. Light Pole
- EX. Sign
- EX. Storm Selt
- EX. Concrete Pavement
- Concrete Pavement
- Asphalt Pavement
- Delineation

NOTES:
1. In spaces with buffered drainage lines, pavement should be placed at a grade of at least 0.5% for a vertical slope of at least 20 feet per mile. Slopes should be increased to 1% if a value of 0 or less than 2%.
2. Where drainage lines are not buffered, pavement should be placed at a grade of at least 0.5% for a vertical slope of at least 10 feet per mile. Slopes should be increased to 1% if a value of 0 or less than 1%.

PAVING SECTION

Point Table

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Curb Flowline Profile

Legend:
- Existing Trees
- Property Line
- Proposed Edge of Asphalt
- Proposed Contour
- EX. 2 Work-Strip
- Proposed Curb and Gutter
- Gate Line
- Existing Fence
- End Proposed Curb & Gutter at STA 11+42.16
- Existing Curb & Gutter to Remain
- SANUT Line Remove 1 foot of EX. ASPHALT ALONG EX. EDG.
- Existing Contour
- EX. FENCE TO REMAIN

DENVER PUBLIC SCHOOLS
DEPARTMENT OF FACILITY MANAGEMENT
MARRAMA ELEMENTARY
PROJECT NO. 4000
1000 EAST 40TH AVENUE
PARCING LOT LAYOUT & DETAILS

801
DENVER SCHOOL DISTRICT No. 1
SCHOOL No. 215
SCHOOL No. 174

Sun Engineering LLC

CP101

36

14

11/2009

REV

DRAWING SET

S. REYNOLDS

8-19-04

1/2009

SCHIFLER

SCALE 1"=20'-0"

1000 EAST 40TH AVENUE

DENVER PUBLIC SCHOOLS
DEPARTMENT OF FACILITY MANAGEMENT
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DRAWING SET

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SCHIFLER

SCALE 1"=20'-0"

1000 EAST 40TH AVENUE
1. DECORATIVE "COMPASS" PLAZA

2. RAILING

3. SHADE STRUCTURE

4. ADA ACCESSIBLE RAMP

ADA ACCESSIBLE TABLE

EXPANSION JOINT, TYP.

CONTROL JOINT, TYP.

LITHOSLATE STAIN ROLLER (BLACK) IN SANDBLASTED LETTERS — 12" HT., ARIAL FONT, TYP.

LINES OF COMPASS TO BE 2" WIDE, CONCRETE WITH LITHOSLATE STAIN ROLLER BLACK.

EXTEND HANDRAIL TO TOP OF RAMP

STAIRS & HANDRAIL
1. TYP. DECIDUOUS TREE PLANTING

2. TREE PROTECTION

3. BOULDER DETAIL

4. TYP. SHRUB PLANTING

LANDSCAPE NOTES:

1. All trees, shrubs, and groundcovers shall be planted in accordance with the specifications provided.
2. Any deviations from the specifications shall be approved in writing by the Architect and the Owner.
3. All plants shall be installed in accordance with the specifications provided.
4. All plants shall be watered and fertilized in accordance with the specifications provided.
5. Any changes to the plant list shall be approved in writing by the Architect and the Owner.

STEEL EDGER - ROLL TOP

PLANT LIST

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<td>Groundcover</td>
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NOTE:

1. TREES TO BE PROVIDED BY DPS AND PLANTED BY VOLUNTEER PROGRAM.