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DENVER PUBLIC SCHOOLS
DEPARTMENT OF FACILITIES MANAGEMENT

DENVER, CO SCHOOL DISTRICT NO. 1 SCHOOL NO. 266 SITE NO. 067

DENVER PUBLIC SCHOOLS
DEPARTMENT OF FACILITIES MANAGEMENT

PIONEER CHARTER SCHOOL
PARENT PROJECT NO. 8977

SCALE: CHECKED BY: DESIGNED BY:
DRAWN BY: DATE:

DENVER, CO 80026
303-551-8910 | 303-551-8940 fax
www.BrownCivilEngineering.com

APPROVED CONTRACT DOCUMENT
8/13/10
PROJECT RECORD COPY
CIVIL GENERAL NOTES
CONTRACTION JOINT
TRANSVERSE
FILL WITH T/4 WIDTH OF SAWBLADE 1/4"

CONCRETE PAVEMENT JOINTS

(Note: asphaltic concrete surface and base course mixes, laboratory based upon the materials that the contractor shall determine by a testing asphalt cement to be added to the mixture, and the specifying the grade and the exact percentage of materials and construction methods shall meet the requirements of CDOT standard specifications.

PROJECT RECORD COPY

CONSTRUCTION DRAINAGE

5" CONCRETE PAVEMENT

4" ASPHALT PAVEMENT

SIDEWALK CHASE DRAIN – DETACHED WALK

SOIL RIPRAP

EXPANSION JOINT

SEALANT FILLER

6'-0" 1/4" MIN.

EXPANSION JOINTS

7'-3" 1/2" MIN.
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**12" & 15" DRAIN BASIN & INLINE DRAIN**

**12" & 15" DRAIN BASIN & INLINE DRAIN COVERS**

**NOTES:**
1. Trench min. - Min. = Pipe O.D. PLUS 4"; Max. = Pipe O.D. PLUS 7-1/2".
2. Gravel bedding shall be as indicated in the specifications.
3. Pipe shall be adjusted and/or sloped as necessary for the safety of workers and to prevent overflow of other utilities in accordance with applicable state and federal regulations.
4. Geotextile filter fabric shall be as specified.

**PROJECT RECORD COPY**

**DENVER PUBLIC SCHOOLS**

DEPARTMENT OF FACILITY MANAGEMENT

PIONEER CHARTER SCHOOL

PARENT PROJECT NO. 8977

320 N. 30th, Denver, CO 80205

CIVIL SITE DETAILS

DENVER, CO 80026

303-551-8910 | 303-551-8940 fax

www.BrownCivilEngineering.com
24" DRAIN BASIN INSTALLATION DETAIL

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<td>1/8&quot;</td>
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1: 5/16-18 ZINC GOLD HEX BOLT 1" LG
2: 5/16-18 ZINC GOLD HEX BOLT 1 1/2" LG

- SEE NOTE 1
- SEE NOTE 2

24" DRAIN BASIN COVERS

- SEE NOTE 1
- SEE NOTE 2

CONCRETE SIDEWALK JOINT DETAILS

- CONTRACTION JOINT
- CONSTRUCTION JOINT
- EXPANSION JOINT

NOTES:
1. MARK ATTACHING EMBEDDED BARS WITH POINTED SHEETЕ METAL PATTERN.
2. LOCATION OF CONTROL & EXPANSION JOINTS SHOWN ON PLAN OR WHERE SHOWN OTHERWISE.
3. USE 1/2" SOCKET TO REMOVE, 2 PLACES.
4. USE 1/2" SOCKET TO REMOVE, 2 PLACES.

DEPARTMENT OF FACILITIES MANAGEMENT
PIONEER CHARTER SCHOOL
PARENT PROJECT NO. 8977
3225 E. 20th Ave., Denver, CO 80206

CIVIL SITE DETAILS

PROJECT RECORD COPY

DENVER PUBLIC SCHOOLS
DEPARTMENT OF FACILITIES MANAGEMENT

34 OF: 8
DENVER PUBLIC SCHOOLS
DEPARTMENT OF
FACILITIES MANAGEMENT

DENVER, CO
SCHOOL DISTRICT NO. 1
SCHOOL NO. 266
SITE NO. 067

DEPARTMENT OF FACILITY MANAGEMENT

PIONEER CHARTER SCHOOL
PARENT PROJECT NO. 8977

SCALE:
CHECKED BY:
DESIGNED BY:
DRAWN BY:
DATE:

990 South Public Road, Suite 2B
Lafayette, Colorado 80026
303-551-8910 | 303-551-8940 fax
www.BrownCivilEngineering.com

APPROVED CONTRACT DOCUMENT
8/13/10 RECORD DOCUMENTS
PROJECT RECORD COPY

EROSION CONTROL GENERAL
NOTES

CE-001

34 OF
SHEET
DWG. NO.
DATE

DATE AUTHORITY MADE APPR'D
DESCRIPTION OF REVISION
NO.
Strength

We are shaped by every language and culture, drawn from every end of this Earth. We know that our patchwork heritage is a strength, not a weakness.
NOTES:
1) Socks will be used upgradient of inlet perpendicular to and flush with curb.
2) No less than two 10-inch diameter socks must be used in sequence, spaced no more than 24.0" apart, upgradient of inlet.
3) Incline at 30 degrees from perpendicular, opposite the direction of flow (see Detail 2).
4) Erosion control measures shall be maintained at all times as directed by the local jurisdiction.

DETAIL 2

FLOW VARIES SEE NOTE 2 BELOW

INLET

Detail 1

Detail 2

FLOW

朽脚

NOTE

1) Socks will be used upgradient of inlet perpendicular to and flush with curb.
2) No less than two 10-inch diameter socks must be used in sequence, spaced no more than 24.0" apart, upgradient of inlet.
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DETAIL 2

FLOW VARIES SEE NOTE 2 BELOW

INLET

Detail 1

Detail 2

FLOW

朽脚
PIONEER CHARTER SCHOOL

ENLARGED GRADING PLAN

SCALE: 1" = 10'-0"

PROJECT RECORD COPY

DENVER PUBLIC SCHOOLS
DEPARTMENT OF FACILITIES MANAGEMENT

PIONEER CHARTER SCHOOL
PARENT PROJECT NO. 13277
3280 East 39th Avenue, Denver, Colorado 80205

ENLARGED GRADING PLAN

SCALE: 1" = 10'-0"

VERIFIED: 285.30
37TH AVENUE

ENLARGED GRADING PLAN

SCALE: 1" = 10'-0"
PLANTING NOTES

CONTRACTOR SHALL WARRANTY AND MAINTAIN ALL PROPOSED PLANT MATERIAL FOR 24 MONTHS AFTER SUBSTANTIAL COMPLETION.

STAKE ALL TRUE LOCATION AND STEEL EDDING FOR PLANTING BED BORDERS UPON THESE PLANS, DEPENDING ON CONTRACTOR'S AND OWNER'S APPOINTMENT OF STAKED LOCATIONS PRIOR TO PLANTING AND DEMOLITION.

PLANT QUANTITIES ARE PROVIDED FOR CONTRACTOR'S CONSIDERATION ONLY, AND SHALL BE STATED BY CONTRACTOR IN RESPONSIVE PROPOSALS. PLANTING PLAN SYMBOLS AND DESIGNATION ON SEPARATE PLANT LIST.

GROUNDS CÖU'TUR QUANTITIES SHALL BE DETERMINED BY CONTRACTOR BASED ON DATA SHOWN ON PLANTING SPACING IN PLANT LIST AND PLANT MARKING DIAGRAM.

PLANT AND EDDING LAYOUT SHALL TAKE PREDOMINANT ROLE IN DETERMINING VALUE OF ROOFS. INTERAL AND EXTERNAL WINDS THAT EXIST WITH MODIFIED PLANT AND GROUNDS LAYOUT SHALL BE PROVIDED TO A LOCATION BEST RENAISSANCE PLANTS AS DETERMINED BY LANDSCAPE ARCHITECT, AT NO ADDITIONAL COST TO THE OWNER.

CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL PLANTS PLANTED, INCLUDING EXISTING PLANTS, SEPARATE FROM THIS PLANTING PLAN. ALL MAINTENANCE REQUIREMENTS, ANY DAMAGE TO PLANT MATERIAL RESULTING FROM THIS CONTRACT, SHALL BE ADVISED OR REPLACED AT THE CONTRACTOR'S Costs.

ALL TINUBIA ARE TO BE PREPARED AS CONTINUOUS BEDS.

CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING IRRIGATION SYSTEM, LANDSCAPE, AND HARDSCAPE THAT IS CAUSED BY CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.

ON ALL SLOPES STEEPER THAN 1:1, EXISTING CONCRETE PAVING SHALL BE USED ON ALL SLOPES. ADDRESSES TO SPECIFICATIONS FOR SPECIFIC REQUIREMENTS.

UTILITIES/PLANTING CONFLICTS MAY OCCUR. VERIFY LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO PLANTING. ALL CONFLICTS SHALL BE RESOLVED BY LANDSCAPE ARCHITECT.

DETAILS OF EXISTING LOCATIONS OF SHOVEL ON PLANT. INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS. ALL CURVED SECTIONS SHALL BE SMOOTH AND CONTINUOUSLY STRAIGHT DETAILS. USE PERPENDICULAR TO ADJACENT STRUCTURES AND STRAIGHT NO KINKS SHALL BE ACCEPTED.

OVERALL MULCH PULL IN ALL PLANTING BEDS AS NEEDED ON PLANT.

PLANTS PROVIDED BY BPM SHALL BE PLANTED BY A VOLUNTEER GROUP UNDER THE SUPERVISION OF THE CONTRACTOR. CONTRACTOR TO SUPPLY ALL LABOR AND MATERIAL TO PROVIDE A WARRANTY FOR BPM PLANTS AND MATERIALS SPECIFIED IN THIS NOTE.

PROGRESSIVE PLANTING

1. EVERGREEN TREE PLANTING
2. HAY LAYING
3. VARIED PLANTING
4. MAINTENANCE/REPLACEMENT PLANTING
5. MOW PATHS
6. RETAIL NODES
7. BOLLARD NODES

NOTE TO SHEET LA-1 FOR PLANT LIST.
NOTES:

- NO AUTOMATIC SPRINKLER COVERAGE PROVIDED IN SMALL CLOSETS LESS THAN 16 SQ FT PER ADMINISTRATIVE MODIFICATION 2005AM0138

(SEE "NO.A.S." DESIGNATION ON PLAN)

- ALL HORIZONTAL MAINS TO BE LOCATED BETWEEN 4" AND 12" BELOW THE DECK

- EC SIDEWALL HEADS IN CLASSROOMS: MAX SPACING = 16" ON CENTER

- CONCEALED SIDEWALL HEADS IN CORRIDORS: MAX SPACING = 14" ON CENTER

- ALL AREAS LIGHT HAZARD EXCEPT FOR AUDITORIUM PLATFORM AND MECHANICAL/STORAGE ROOMS

- SPRINKLER HEADS IN AREAS SUBJECT TO MECHANICAL DAMAGE TO BE PROTECTED WITH A WIRE HEAD GUARD
NOTES:

- ALL AUTOMATIC SPRINKLER SYSTEM PRODUCED IN SMALL CLOSETS LESS THAN 16 SQ FT FOR ADMINISTRATIVE ADDITION (2006-2016) (SEE "NO A. S." DESIGNATION ON PLAN)
- ALL HORIZONTAL PIPES TO BE LOCATED BETWEEN 4" AND 12" BELOW THE DECK
- EC SIDIWALL HEADS IN CLASSROOMS MAX SPACING = 16' ON CENTER
- CONCEALED SIDEWALL HEADS IN CORRIDORS MAX SPACING = 14' ON CENTER
- ALL AREAS LIGHT HAZARD EXCEPT FOR AUDITORIUM PLATFORM AND MECHANICAL/STORAGE ROOMS
- SPRINKLER HEADS IN AREAS SUBJECT TO MECHANICAL DAMAGE TO BE PROTECTED WITH A WIRE HEAD GUARD
NOTES:
- NO AUTOMATIC SPRINKLER COVERAGE PROVIDED IN SMALL CLOSETS LESS THAN 15 SQ FT PER ADMINISTRATIVE MODIFICATION 0005M013B
- SEE "NO A.S." DESIGNATION ON PLAN
- ALL HORIZONTAL MAINS TO BE LOCATED BETWEEN 4" AND 12" BELOW THE DECK
- EXCEPT SIDEWALL HEADS IN CLASSROOMS MAX SPACING = 15' ON CENTER
- CONCEALED SIDEWALL HEADS IN CORRIDORS MAX SPACING = 1' ON CENTER
- ALL AREAS LIGHT-HAZARD EXCEPT FOR AUDITORIUM PLATFORM AND MECHANICAL STORAGE ROOMS
- SPRINKLER HEADS IN AREAS SUBJECT TO MECHANICAL DAMAGE TO BE PROTECTED WITH A WIRE HEAD GUARD