City of Des Moines

Plans of Proposed Improvement for the

Evergreen Park Shelter and Playground Improvements

II-2022-003

The urban standard specifications for public improvements, plus current supplemental specifications and special provisions shall apply to construction work on this project.

OWNER
City of Des Moines

CONTACT: BRAD BROCKMAN, P.E.
400 Robert D Ray Dr
Des Moines, Iowa 50309
D: (515) 283-4070
C: (515) 577-5362
BBROCKMAN@DMGOV.ORG

ENGINEER/SURVEYOR
KIRKHAM MICHAEL
CONTACT: SCOTT ALMEIDA, P.E.
4360 114th Street
Urbandale, Iowa 50322
(515) 270-0848

SITE ADDRESS
Evergreen Park
2145 E Park Ave
Des Moines, Iowa 50320

PROPERTY DESCRIPTION
OUTLOT V, EVERGREEN PARK. AN OFFICIAL PLAT NOW INCLUDED IN AND FORMING PART OF THE CITY OF DES MOINES, POLK COUNTY, IOWA.

ZONING
P1

CONSTRUCTION SCHEDULE
SUMMER/ FALL 2022

PROPOSED USE
Public Recreation Area

SUBMITTAL DATE:

INDEX OF SHEETS

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<td>22</td>
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<td>23</td>
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</table>

SITE PLAN APPROVAL:
☑ APPROVED
☑ APPROVED WITH CONDITIONS —SEE EXHIBIT "A"
IN ACCORDANCE WITH SECTION 135-9, 2019 Des Moines Municipal Code, as amended.

NO CHANGES TO THIS PLAN UNLESS APPROVED IN WRITING FROM THE DEVELOPMENT SERVICES DIRECTOR.

DEVELOPMENT SERVICES DIRECTOR: ___________________________ DATE: ___________________________

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

SCOTT M. ALMEIDA, P.E. DATE: 5-7-2022

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

APPLICATION NO. 443-007

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

APPLICATION NO. 443-007

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

APPLICATION NO. 443-007
SITE ACCESS, STABILIZED CONSTRUCTION ENTRANCE, 6" THICK, 20' WIDE, 50' LONG, CRUSHED STONE BASE MATERIAL REFER TO SUDAS 6440.120

- SIDEWALK REMOVAL
- CURB REMOVAL
- SITE ACCESS
- TEMPORARY FENCE

DO NOT DISTURB FENCE
RELOCATE TELEPHONE PEDESTAL (BY OTHERS)

PAUSE
EVERGREEN PARK SHELTER AND PLAYGROUND IMPROVEMENTS

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA
(515) 283-4931

PROJECT ID: 643-003
DATE: 4/15/2022

LEGEND:

- 5" PCC SIDEWALK
- REINFORCED 5" PCC PAVEMENT
- 7" PCC PAVEMENT
- 12" ENGINEERED WOOD FIBER (BY OTHERS)
- 6" PCC SIDEWALK
- RAIN GARDEN
- STAGING AREA

SCALE IN FEET

DATE
SURVEY
DRAWN
DESIGNED
CHECKED
MARK

FILE NO.
SHEET
DIMENSION PLAN

E PARK AVE
SE 22ND AVE
INSTALL ELECTRIC SERVICE TO SHELTER (UNDERGROUND) - 1 LS

INSTALL ELECTRIC SERVICE TO FUTSAL COURT (UNDERGROUND) - 1 LS

ALL ELECTRICAL TO BE IN STRUCTURAL TUBE OF SHELTER.
INSTALL (2) EA SHELTER LIGHTS INSIDE SHELTER & (1) EA RECEPTACLE PER SHELTER POST.

INSTALL (2) EA SHELTER LIGHTS INSIDE SHELTER & (1) EA RECEPTACLE PER SHELTER POST.

STUB AND CAP SERVICE FOR USE BY OTHERS

FUTURE LED LIGHT FOR FUTSAL COURT

NEW SERVICE AND METER (BY MID-AMERICAN ENERGY)

E PARK AVE

SE 2ND AVE

SCALE IN FEET

0 20 40

0 20 40

1 0" S

ELECTRICAL PLAN

11-2022-003 4/15/2022

FILE NO. 643-009

DATE 4/15/2022

MARK 1.0

ACTIVITY ELECTRICAL PLAN

SHEET 9

DRAWN BY

DESIGNED BY

CHECKED BY

SURVEY BY

PROJECT BY

I.D.

DATE

MARK

DEPARTMENT OF ENGINEERING CIVIL ENGINEERING

CITY OF DES MOINES, IOWA (515) 283-4931

ELECTRICAL PLAN

FILE NO. 643-009

DATE 4/15/2022

MARK 1.0

ACTIVITY ELECTRICAL PLAN

SHEET 9

DRAWN BY

DESIGNED BY

CHECKED BY

SURVEY BY

PROJECT BY

I.D.

DATE

MARK

DEPARTMENT OF ENGINEERING CIVIL ENGINEERING

CITY OF DES MOINES, IOWA (515) 283-4931
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<td>Tilia americana</td>
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<tr>
<td>American Linden</td>
<td>Tilia americana</td>
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</tbody>
</table>
INSTALL 187 LF 8" SUBDRAIN, PERFORATED

SUBDRAIN REMOVAL (SEE DEMOLITION PLAN)

CONNECT TO EXISTING MANHOLE

CONNECT TO EXISTING SUBDRAIN

INSTALL 11 LF 8" SUBDRAIN, PERFORATED

W/ 8" HDPE STAND-PIPE, RIM SHALL BE 1" BELOW OVERFLOW AT RAIN GARDEN, & CONNECT TO EXISTING SUBDRAIN

EXISTING MANHOLE

EXISTING SUBDRAIN

EXPLODED VIEW

SCALE IN FEET

E PARK AVE

SE 2ND AVE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA
(515) 283-4931

ARK DATE BY
DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA
(515) 283-4931

FILE NO. 643-011

DATE 4/15/2022

SURVEY BY

DRAWN BY

DESIGNED BY

CHECKED BY

MARK I.D.

ACTIVITY

STORM DETAILS SHEET

SHEET TITLE

PROJECT

EVERGREEN PARK SHELTER AND PLAYGROUND IMPROVEMENTS

11-2022-003

DATE 4/15/2022

P:\21\2112615\cadd\plans\Storm.dgn
NOTES:
1. LANE CLOSURE SHALL BE USED FOR CURB & GUTTER REMOVAL & 7" PCC PAVEMENT CONCRETE PLACEMENT ONLY, AND SHALL BE RESTRICTED TO DAYLIGHT HOURS.
2. 7-DAYS NOTICE SHALL BE GIVEN TO THE CITY AND OWNERS WITHIN THE CLOSURE.
1. This site shall be maintained in compliance with all City Code applicable on the date of Site Plan Approval.
2. Any amendments or changes to the project site that do not meet what is shown on the site plan need to be approved with the Permit and Development Center prior to installation/construction.
3. Lighting must be low glare cut off type fixtures to reduce the glare of light pollution on surrounding properties.
4. The required landscaping, both existing and proposed, shall be maintained for the life of the Certificate of Occupancy.
5. All disturbed areas should be restored by seeding or sodding.
6. All seeding is the responsibility of the contractor. All other landscaping by others.
7. Contact the Municipal Forestry Division prior to planting in the public R.O.W. at 515-283-4950.
8. All wire, twine, and burlap shall be removed from the rootball of street trees prior to planting.

Allendan Seed Company
1966 175th Lane
Winterset, IA 50237
allendan@allendanseed.com
515-462-1241

Wet Mix Seeding - Allendan Seed Company CP23
Standard Mesic mix or approved equal

Rain Garden - Typical Section
Bioretention
Soil Mix
Supplemental Specifications for Tree Protection

**NOTE 1:** Spacing as required to prevent sagging, 8' maximum

**CRR** = CRITICAL ROOT RADIUS IS THE DISTANCE IN FEET EQUAL TO THE DBH IN INCHES. THIS IS THE DESIRED DISTANCE FROM THE TREE TRUNK AT WHICH FENCING IS INSTALLED.

**dbh** = DIAMETER AT BREAST HEIGHT, IN INCHES AT HEIGHT OF 4.5' ABOVE NATURAL GROUND.

**Fence Supports**

INSTALL SIGNS AS FOLLOWS:

- FOR INDIAN TREE PROTECTION LOCATIONS, INSTALL A SIGN AT EACH END OF THE TREE PROTECTION ZONE AND AT A MAXIMUM SPACING OF 50' ON CENTER.

- FOR LINEAR TREE PROTECTION LOCATIONS, INSTALL AT LEAST TWO SIGNS AT EACH LOCATION AND AT A MAXIMUM SPACING OF 16' ON CENTER.

MIN. SIGN DIMENSIONS:

- LAMINATED CARDBOARD - 11" x 17"
- METAL - 12" x 18"

BLACK LETTERS ON ORANGE BACKGROUND. UP TO $600 PENALTY FOR VIOLATION.

**Tree Trunk**

DISTANCE IN FEET EQUAL TO THE DBH IN INCHES. THIS IS THE DESIRED DISTANCE FROM THE TREE TRUNK AT WHICH FENCING IS INSTALLED.

**Elevations**

Distances below the tree trunk are designed based on the critical root radius (CRR) and the diameter at breast height (dbh). The fence should be installed at least 50 feet apart for individual tree protection and at 16 feet minimum spacing for linear tree protection locations.

**Sign Details**

- Institute signs as follows:
  - For individual tree protection locations, place a sign at each end of the tree protection zone and at a maximum spacing of 50 feet on center.
  - For linear tree protection locations, place at least two signs at each location and at a maximum spacing of 16 feet on center.

**Signs**

Black letters on orange background up to $600 penalty for violation.

**Tree Protection Zone**

- The distance from the tree trunk at which fencing is installed is equal to the diameter at breast height (dbh) in inches. This is the desired distance from the tree trunk at which fencing is installed.

**Fencing**

- Orange construction fence to protect trees or groups of trees.

**Supplementary Specifications**

- Engineered wood and fiber materials are used for playground surfacing and beam curbs.
- Epoxy-coated items are used for beams and curbs.
- Plywood or lumber is used for typical sections and details.

**Contacts**

- Department of Engineering, City of Des Moines, Iowa (515) 283-4931

**Signage**

Black letters on orange background up to $600 penalty for violation.

**Notes**

- Spacing as required to prevent sagging, 8' maximum.

**Dimensions**

- Epoxy-coated beams and curbs are used for playground surfacing and beam curbs.
- Typical sections and details provide guidelines for installing tree protection fencing and signs.
Curb Removal with Full Depth Saw Cut
BT-3 or BT-5 Joint

6" Subgrade Preparation

Existing Pavement
2" Thickened Edge

1.50% Slope as per plans

2'-6"

SEE PLAN SHEET 6 FOR ELEVATIONS FOR PCC RAMP
THICKENED EDGE OF SIDEWALK AND DOWEL TIE BAR SHALL BE INCIDENTAL TO THE SIDEWALK BID ITEM.

PLAYGROUND PCC CURB RAMP

OMEGA CLASSIC PANELS MOUNTED ON SQUARE POSTS (4' HEIGHT)
PANNEAUX OMEGA CLASSIC SUR POTEAUX CARRÉS (HAUTEUR DE 4')

Panel / Panneau 4'

FENCE DETAILS
2" SQ. X 1/4" WALL STL TUBE 24' LI S-2 SURFACE MOUNT 7/16" DIA. HOLES FOR 3/8" REBAR (BY INSTALLER)

NOTE:

1.) ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.

2.) 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED FOR OPTIONS S-2 & S-4.

BIKE RACK DETAILS
NOTES:
1.) ALL STL. MEMBERS COATED W/ ZINC RICH EPDXY THEN FINISHED W/ POLYESTER POWDER COATING.
2.) 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED FOR S-2.
3.) UPON COMPLETION OF ASSEMBLY SQUARE ALL COMPONENTS THEN TIGHTEN ALL HARDWARE.
4.) MOUNT AND ANCHOR AS SPECIFIED.

TRASH RECEPTACLE DETAILS

DuMarx, Inc.
RECEPTACLE

TOOL BOXED

0-502-00-06/S-2 SURFACE MOUNT FOOT PAD

1/4" X 1' STL BAR

12" SQ 23 3/4" SO

1 1/2' SO X 1 1/2 GA STL TUBE

9 1/4" 35/2"

46/4"

1/2" 0 HOLE

(RE -BAR BY INSTALLER)

MARK DATE BY DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA
(515) 283-4931

PROJECT
EVERGREEN PARK SHELTER AND PLAYGROUND IMPROVEMENTS

SHEET

DATE DRAWN 10/27/15
DRAWN BY JSB
DATE REV. 00/00/00
REV. BY XXX

DRAWING NUMBER

502-32PL-BT

SHEET 1 OF 2

DATE

NOTE

1.) DURING ASSEMBLY PROCEDURE; DO NOT COMPLETELY TIGHTEN HARDWARE.
2.) THE ACTUAL PARTS WILL NOT BE NUMBERED. NUMBERS ONLY APPLY TO DRAWING.
3.) UPON COMPLETION OF ASSEMBLY SQUARE ALL COMPONENTS THEN TIGHTEN ALL HARDWARE.
4.) MOUNT AND ANCHOR AS SPECIFIED.

ATTACH SURFACE MOUNT FOOT PADS.

ASSEMBLY INSTRUCTIONS

DATE DRAWN: 10/27/15
DRAWN BY JSB
DATE REV. 00/00/00
REV. BY XXX

REV.

DRAWING NUMBER

502-32PL-BT

SHEET

1 OF 2
**CNY LED**

**Canopy Lighting**

The CNY LED canopy luminaires are versatile energy-efficient solutions for surface-mounted applications. Available in two sides, they replace a wide range of existing canopy luminaires, offering up to 75% energy savings and color rendering index (CRI) 90+. The lightweight, durable design of these luminaires makes them suitable for wider ranges of applications than traditional halogen-based products.

**FEATURES**

- DLC Premium qualified
- Quick-mount feature eliminates the need to open luminaire for installation
- LED array that projects a wide, visually comfortable beam with a translucent acrylic lens for uniform light distribution
- Energy efficient—can save up to 130% when replacing metal halide fixtures

**CONTRACTOR SELECT**

**SPECIFICATIONS**

- **DIMENSIONS**
  - Width: 10"
  - Height: 4.5"
  - Depth: 4.5"

- **ELECTRICAL**
  - 120-277VAC input
  - Ballast drives: 0-10V, 1-10K PWM, 0-10K analog, relay, contact closure, external drivers

- **INSTALLATION**
  - The CNY LED canopy luminaires are designed for surface mounting or wall mounting. They can be fastened to the housing with three A'NPT conduit entry points, allowing for easy installation.

- **WARRANTY**
  - 5-year limited warranty
  - California Title 24 compliant

**CONTRACTOR SELECT**

**PROJECT**

**SHELTER LIGHT DETAILS**

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<thead>
<tr>
<th>Style No.</th>
<th>Description</th>
<th>Current (A)</th>
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<th>Watts (W)</th>
<th>CCT</th>
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<td>10&quot; Height</td>
<td>4.5&quot; Depth</td>
<td>1000</td>
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**NOTE:**

The CNY LED canopy luminaires are a versatile energy-efficient solution for surface-mounted applications. They feature a quick-mount feature that eliminates the need to open the luminaire for installation. The design includes a translucent acrylic lens that distributes light uniformly, providing a visually comfortable illumination. The product is energy efficient, saving up to 130% when replacing metal halide fixtures. The CNY LED canopy luminaires are ideal for use in a wide range of applications, including building entrances, walkways, loading docks, and covered parking areas.
STEP 1 - PEEL BACK ROPE/BURLAP/CAGE AND REMOVE SUFFICIENT SOIL TO EXPOSE ROOT FLARE.

STEP 2 - MEASURE FROM ROOT FLARE TO BOTTOM OF ROOT BALL.

STEP 3 - DIG HOLE TO DEPTH WHERE TOPMOST ROOTS ARE BURIED 1-2 INCHES AND THE ROOT FLARE SITS SLIGHTLY ABOVE GROUND LEVEL. DIG A HOLE 2-3 TIMES WIDER THAN THE DIAMETER OF THE ROOT BALL WITH SLOPING SIDES TO ALLOW FOR PROPER ROOT GROWTH.

STEP 4 - REMOVE LOWER THIRD OF WIRE CAGE.

STEP 5 - SET TREE IN HOLE, SUPPORT WITH SOME SOIL. ENSURE THAT IT'S STRAIGHT, THEN REMOVE ENTIRE WIRE CAGE AND TOP TWO-THIRDS OF BURLAP.

STEP 6 - BACKFILL WITH TWO-THIRDS OF LOOSE NATIVE SOIL (UNLESS IT'S ALL CLAY) AND USE WATER TO SETTLE. DO NOT TAMPER ON SOIL.

STEP 7 - BACKFILL BALANCE AND WATER AGAIN. EXCESS SOIL MAY BE USED TO CREATE A BERM/Saucer outside of root ball.

STEP 8 - ADD 2-4 INCHES OF WOOD MULCH, LEAVING A 1- TO 2-INCH CLEARANCE BETWEEN THE MULCH AND THE TRUNK.

STEP 9 - WATER A FINAL TIME.

STEP 10 - IF NECESSARY, PLACE TWO OPPOSING STEEL T-STAKES OUTSIDE THE ROOT BALL WITH ARBOR TIE SECURING TREE. TIES PREFERRED ON LOWER HALF OF TRUNK TO ALLOW MOVEMENT.
<table>
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<th>Item Code</th>
<th>Item Description</th>
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<td>17060-G</td>
<td>SCAFFOLDING, PCC</td>
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<td>20000-G</td>
<td>DETECTABLE WARNINGS</td>
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<td>20000-H</td>
<td>PAVEMENT, PCC, 7&quot;</td>
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<td>20001-F</td>
<td>REMOVAL OF CORP</td>
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<td>23</td>
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<td>PARK SHelter</td>
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<td>E Beat CORP</td>
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<td>25</td>
<td>21020-A</td>
<td>E TOPSIDING, REINFORCED PCC, 8 IN.</td>
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<td>ELECTRIC SERVICE - SHelter</td>
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<td>SUBBASE, PERFORATED, 2 IN.</td>
<td>EA</td>
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<td>REMOVAL OF SUBBASE</td>
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<td>21050-E</td>
<td>SHantee CLASSIC Fence</td>
<td>LF</td>
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<td>BEAM CORP</td>
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<td>31</td>
<td>23010-A</td>
<td>HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING</td>
<td>ACRE</td>
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<td>ACRE</td>
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<td>SUBBASE, OUTLETS AND CONNECTIONS, 6 IN.</td>
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<td>SHantee CLASSIC FENCE</td>
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<td>ELECTRIC SERVICE - FUTSAL</td>
<td>LS</td>
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### Estimate Reference Information

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Item Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>2010-A</td>
<td>Clearing and grubbing</td>
</tr>
<tr>
<td>2</td>
<td>2010-D</td>
<td>Trenching, on-site</td>
</tr>
<tr>
<td>3</td>
<td>2010-D</td>
<td>Quantity of trenching required has been calculated based on an average 2.5 ft. thickness reasonably over all areas within the grading limits.</td>
</tr>
<tr>
<td>4</td>
<td>2010-D</td>
<td>Connection with moisture and density control for placement of fill in the excavation is incidental to this item. The EIU quantities for this project are as follows:</td>
</tr>
<tr>
<td>5</td>
<td>2010-D</td>
<td>FILL: 8 ML CY</td>
</tr>
<tr>
<td>6</td>
<td>2010-D</td>
<td>THIS ITEM WILL BE PAID AS PLAN QUANTITY, REFER TO GRADING PLAN SHEET FOR EARTHWORK SUMMARY.</td>
</tr>
<tr>
<td>7</td>
<td>2010-A</td>
<td>Trenching, on-site</td>
</tr>
<tr>
<td>8</td>
<td>2010-A</td>
<td>Consequently, estimated in the following schedule.</td>
</tr>
<tr>
<td>9</td>
<td>2010-A</td>
<td>B101-A</td>
</tr>
<tr>
<td>10</td>
<td>2010-A</td>
<td>The contractor shall furnish all traffic control devices for the quantity of construction. Traffic Control shall comply with the manual on uniform traffic control devices (MUTCD). Controls shall be properly located, maintained, and kept clean and legible by the contractor at all times. REFER TO TRAFFIC CONTROL PLAN SHEET FOR LAYOUT.</td>
</tr>
<tr>
<td>11</td>
<td>2010-D</td>
<td>Special prov. storm water pollution prevention</td>
</tr>
<tr>
<td>12</td>
<td>2010-D</td>
<td>Reiter to special provision</td>
</tr>
<tr>
<td>13</td>
<td>2005-D</td>
<td>Filter sock, 12 in.</td>
</tr>
<tr>
<td>14</td>
<td>2005-D</td>
<td>See landscape plan sheet for placement locations. Filter sock that has lost more than one of its capacity shall be removed and replaced. Contractor will be paid contract unit price for replacing filter sock.</td>
</tr>
<tr>
<td>15</td>
<td>2005-D</td>
<td>Filter sock removal</td>
</tr>
<tr>
<td>16</td>
<td>2005-D</td>
<td>Removes all installed devices after final stabilization of any necessary for storm water pollution prevention plan (SWPP) maintenance. Measurement shall be per linear foot of control device removal and payment shall be the contract unit price for all devices are disposed of off-site.</td>
</tr>
<tr>
<td>17</td>
<td>2005-D</td>
<td>Sterilized construction entrance</td>
</tr>
<tr>
<td>18</td>
<td>2005-D</td>
<td>See demolition plan sheet for location.</td>
</tr>
<tr>
<td>19</td>
<td>2005-D</td>
<td>Storm sewer, orange plastic, 48 in.</td>
</tr>
<tr>
<td>20</td>
<td>2005-D</td>
<td>Furnish and install four (4) manholes to protect the manholes from the debris.</td>
</tr>
<tr>
<td>21</td>
<td>2005-D</td>
<td>Mobilization</td>
</tr>
<tr>
<td>22</td>
<td>2005-D</td>
<td>Concrete manholes</td>
</tr>
<tr>
<td>23</td>
<td>2005-D</td>
<td>Sump, splice, tree protection tubes</td>
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<tr>
<td>24</td>
<td>2005-D</td>
<td>See city supplemental specification.</td>
</tr>
<tr>
<td>25</td>
<td>2010-A</td>
<td>Stormwater retention ponds</td>
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<tr>
<td>26</td>
<td>2010-A</td>
<td>See city supplemental specification.</td>
</tr>
<tr>
<td>27</td>
<td>2010-A</td>
<td>Estimate ref. rain gardens</td>
</tr>
<tr>
<td>28</td>
<td>2010-A</td>
<td>The contractor shall include rain gardens for storm drainage and typical details in the details sheets.</td>
</tr>
<tr>
<td>29</td>
<td>2010-A</td>
<td>Over-irrigation of 7% of existing soil is included in this bid item. The contractor shall also furnish and include 15% C1 of the existing soil mix. Sizing of the rain gardens with 10% not sure are also included in this item. Measurement and payment shall be at the IRP unit price for each square yard in existing.</td>
</tr>
<tr>
<td>30</td>
<td>2010-A</td>
<td>Construction survey</td>
</tr>
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<td>31</td>
<td>2010-A</td>
<td>Sidewalk, PCC, 6&quot;</td>
</tr>
<tr>
<td>32</td>
<td>2010-A</td>
<td>Refer to site plan sheet for locations and geometry plan sheet. 6&quot; sidewalk shall be used for all curb ramps.</td>
</tr>
<tr>
<td>33</td>
<td>2010-A</td>
<td>Sidewalk, PCC, 8&quot;</td>
</tr>
<tr>
<td>34</td>
<td>2010-A</td>
<td>Refer to site plan sheet for locations and geometry plan sheet. 8&quot; sidewalk shall be used for all curb ramps.</td>
</tr>
</tbody>
</table>