SECTION 32 30 10 – SITE IMPROVEMENTS

PART 1 – GENERAL

1. Design Requirements:
   a. Trash and Recycling Receptacles:
      1) Design Intent: All receptacles to be placed in sets of three or more. Receptacles are labeled trash, mixed paper, and mixed containers. Install BigBelly in lieu of trash receptacle at heavy use areas as approved by Project Manager.
      2) Manufacturer: DuMor, Inc., P.O. Box 142, Mifflintown, PA 17059; 800-598-4018; www.dumor.com.
      4) Mounting: To be set on cobble base; see typical installation sketch included in this section.
      5) Alternate Receptacle (Big Belly)
         b. Model: BigBelly Single Station - WS-BB-SGL-5YR, with Message panel MSG PANEL.
         c. Mounting: Similar to DuMor.
   b. Benches:
      1) Design Intent: Wood and metal benches are to be used in traditional setting as determined by Project Manager. There is no design standard in non-traditional settings.
      2) Manufacturer: DuMor, Inc., P.O. Box 142, Mifflintown, PA 17059; 800-598-4018; www.dumor.com.
      3) Model: 6’-long Ipe Bench 57-60I.
      4) Mounting: To be set on cobble base; see typical installation sketch included in this section.
   c. Bike Racks:
      1) Design Intent: Minimum of 3 hoops per installation.
      2) Manufacturer: Dero Bike Racks, Inc. 2657 32nd Avenue S, Minneapolis, MN 55406; 888-337-6729; www.dero.com.
      4) Mounting: To be set on cobble base; see typical installation sketch included in this section.
   d. Bollards:
      1) Permanent bollards are to be made of granite.
      2) Removable bollards- Manufacturer: Mid-Atlantic Products, Inc., 7328 Church Hill Road, Chestertown, MD 21620, 410-778-1110.
3) Model: DG 4, Removable/Lockable, dimensions per drawing; standard color: powder-coated aluminum.
e. Emergency Telephones:
1) Locate as directed by Project Manager. Coordinate location with DPS and CIS.
2) Manufacturer: Ramtel, 115 Railroad Avenue, Johnston, RI 02919, 401-231-3340.
3) Model: PLC-8 11” Square, 1” Radius Corners.
4) Installation: Wire phone for future security camera. For camera specification, see security section.

f. Screening Fencing:
1) Design Intent: To be used to screen mechanical equipment, trash dumpsters, and other unsightly areas. Screening method may vary depending on context.
2) Wooden fence stained to blend with surrounding context. Screening fence should be planted with loosely spaced shrubs and/or small trees in order to de-emphasize the fencing by partially screening it.
3) Manufacturer: Walpole Woodworkers, 1350-A Bald Hill Road, Warwick, RI 02886; 401-823-7091; www.walpolewoodworkers.com
4) Model: “Essex” style fence. See detail in Part 4 of this section.

g. Cigarette Ash Receptacle:
1) Manufacturer: Forms + Surfaces; www.forms-surfaces.com
3) Mounting: Pole or wall mount.
RECEPTACLE CUT SHEET TYPE “TR”
RECEPTACLE CUT SHEET TYPE “MP”
RECEPTACLE INSTALLATION DETAIL

SECTION

PLAN

3' 0"

4" x 4" x 8" GRANITE COBBLES ON CONCRETE SLAB

CONCRETE PAVING

TRASH RECEPTACLES BY OWNER

6" COMPACTED GRAVEL

COMPACTED SUBGRADE

4" THICK REINFORCED CONCRETE SLAB

1" MORTAR SETTING BED

1/4" TO 1/2" MORTAR JOINTS

TRASH RECEPTACLE BY OWNER

LAWN ON TOPSOIL

4" x 4" x 8" GRANITE COBBLES ON CONCRETE SLAB
TRADITIONAL BENCH CUT SHEET

LENGTH OPTIONS
☐ 6' BENCH
☐ 8' BENCH

CUSTOM LETTERING (37 SPACES)

NOTES
1.) ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
2.) ALL WOOD MEMBERS TREATED W/ CLEAR PRESERVATIVE.
3.) 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED.
4.) CUSTOM LETTERING AVAILABLE FOR RECESSED SIDE PANELS (TOTAL OF 37 SPACES).

WOOD OPTIONS
☐ CLEAR ALL HEART REDWOOD S4S EE
☐ 'C' & BTR. DOUGLAS FIR KD S4S EE
☐ CLEAR WESTERN RED CEDAR S4S EE
☐ OTHER

DuMor, inc.
P.O. Box 142 Mifflintown, PA 17059-0142

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Site Improvements
TRADITIONAL BENCH INSTALLATION DETAIL

Bench to be Dumor S7 Series 6'-0" long ipe bench. Dumor Inc., P.O. Box 142 Mifflintown, PA 17059-0142. www.dumor.com.

4x4x8" granite cobbles on concrete slab with 1/4" to 1/2" mortar joints.

1" mortar setting bed.

4" thick reinforced concrete slab.

6" compacted gravel compacted subgrade.

Bolt to be 2" deep set min. in concrete slab.

Lawn on topsoil.

Section

Plan

Concrete paving.

Concrete paving.
BIKE RACK INSTALLATION DETAIL

TYPICAL BIKE RACK INSTALLATION PLAN

GRANITE CORNERS OR EXISTING PAVING

DERO BIKE RACK, TYP.
REMOVEABLE BOLLARD CUT SHEET

PLAN

TOP CAST IN BRONZE OR NICKEL BRONZE,
1/4" HOLE 3/8" DEEP FOR WRENCH

CAST ALUMINUM BOLLARD BODY
POWDER COAT COLOR

TYPICAL CASTING THICKNESS 1/2

1/2" ALL THREAD ROD

(2) 3/8" PLATES
3/8 REBAR - 4 PLACES

1/2" THREAD HOLES
1" PIPE INSIDE
1 1/4" PIPE OUTSIDE

FRONT ELEVATION
SIDE

URBAN ACCESSORIES 465 East 15th Street Tacoma, WA 98421 Ph (253) 572-1112 Fax (253) 572-1119
DG4 BOLLARD - REMOVABLE/LOCKABLE DRAWN BY: ADNAN SHEIKH DATE: 4/6/99

Site Improvements
EMERGENCY TELEPHONE CUT SHEET

FREE STANDING UNITS
RAMTEL COLUMNS are Fabricated in STAINLESS STEEL - A Lifetime Investment

Designs fit into both Traditional and Contemporary surroundings. The Engineering Design cannot be compared.

Options:
Finish:
Optional:
Labels:
Label Colors:

PLC-8
11" Square
1" Radius Corners

PLC-10
10" Square
1" Radius Corners

PLC-2
13" Triangle

PLC-11
11" Square
4" Radius Columns

Built-in Heater, Cellular, Solar, Camera Bracket, Covert Camera, Clear LEXAN door

Powder Coated - Standard Colors
Black, Charcoal Gray, Neutral Gray, Midnight Blue, Parade Blue, Architect Brown, Forest Green, Safety Red, Safety Yellow, White.

Custom Powder Coat Colors
Natural Stainless - Glass Bead Finish

Standard and Custom - EMERGENCY, COURTESY PHONE, ASSISTANCE, INFORMATION, HELP PHONE

Standard and Custom: White, Blue, Black, Maroon

ARCHITECT VERIFY OPTIONS.
EMERGENCY TELEPHONE CUT SHEET AND PHOTO

1. PRESS TO ACTIVATE
2. DIAL EXTENSION NUMBER
3. PRESS WHEN COMPLETED

WAIT 3 SECONDS BEFORE PLACING ANOTHER CALL

RED LIGHT PHONE ACTIVATED
GREEN LIGHT CALL ANSWERED

3 SMALL BUTTONS WORD BLK.
SHUTTLE, ESCORT & SAFEWALK
NON-EMERGENCY BROWN POLICE
EMERGENCY BROWN POLICE

PRESS BUTTON FOR ASSISTANCE

PHONE WILL AUTOMATICALLY DISCONNECT

RR734/3 EXISTING LAYOUT
SCREENING FENCE DETAIL

"ESSEX" STYLE CAP

2 5/8" WIDE ROUNDED PICKET
WITH FLAT TOP.

80% ROUND BACKING RAILS
SIDE WITH BACKING RAILS TO
FACE CHURCH.

5" DIAMETER PEELED POST
WITH CHAMFERED TOP;
6' O.C. TYP.

NOTES:
FENCE TO BE STAINED; COLOR
TO BE DETERMINED.

FENCE TO BE "ESSEX" STYLE
FENCE BY WALPOLE
WOODWORKERS. INSTALLATION
TO BE PER MANUFACTURERS
RECOMMENDATION.

WALPOLE WOODWORKERS
1350-a BALD HILL ROAD
WARWICK, RI

CONTACT: MATTHEW SIDLA
401-265-5808
ASH RECEPTACLE CUT SHEET

Buttler® Ash Receptacles acknowledge society's changing views towards smoking by offering an aesthetic and discreet solution for the disposal of cigarette butts. Unlike exposed sand containers, these Buttler® concealed discarded cigarettes, keeping the unsightliness well out of sight. Buttlers are made for easy servicing and include an internal垃圾 to inhibit smoking.

MATERIAL & CONSTRUCTION DETAILS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>OVERALL HEIGHT</th>
<th>OVERALL WIDTH</th>
<th>OVERALL DEPTH</th>
<th>OVERALL WEIGHT</th>
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<td>SUBU-100S</td>
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<td>9&quot; (153 mm)</td>
<td>7.5&quot; (183 mm)</td>
<td>11 lbs (5 kg)</td>
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<td>SUBU-600</td>
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END OF SECTION