

# Colette Highlands Park

Park Station Blvd & Scotsglen Road  
 Orland Park, Illinois  
**Park Development**



## Village of Orland Park

### Client Information

#### Village of Orland Park

14700 Ravinia Avenue  
 Orland Park, IL 60462  
 Phone: (708) 403-6100

#### Parks & Recreation Committee

Patricia A. Gira, Chariman  
 Brad S. O'Halloran, Trustee  
 James V. Dodge, Trustee  
 David P. Maher, Village Clerk

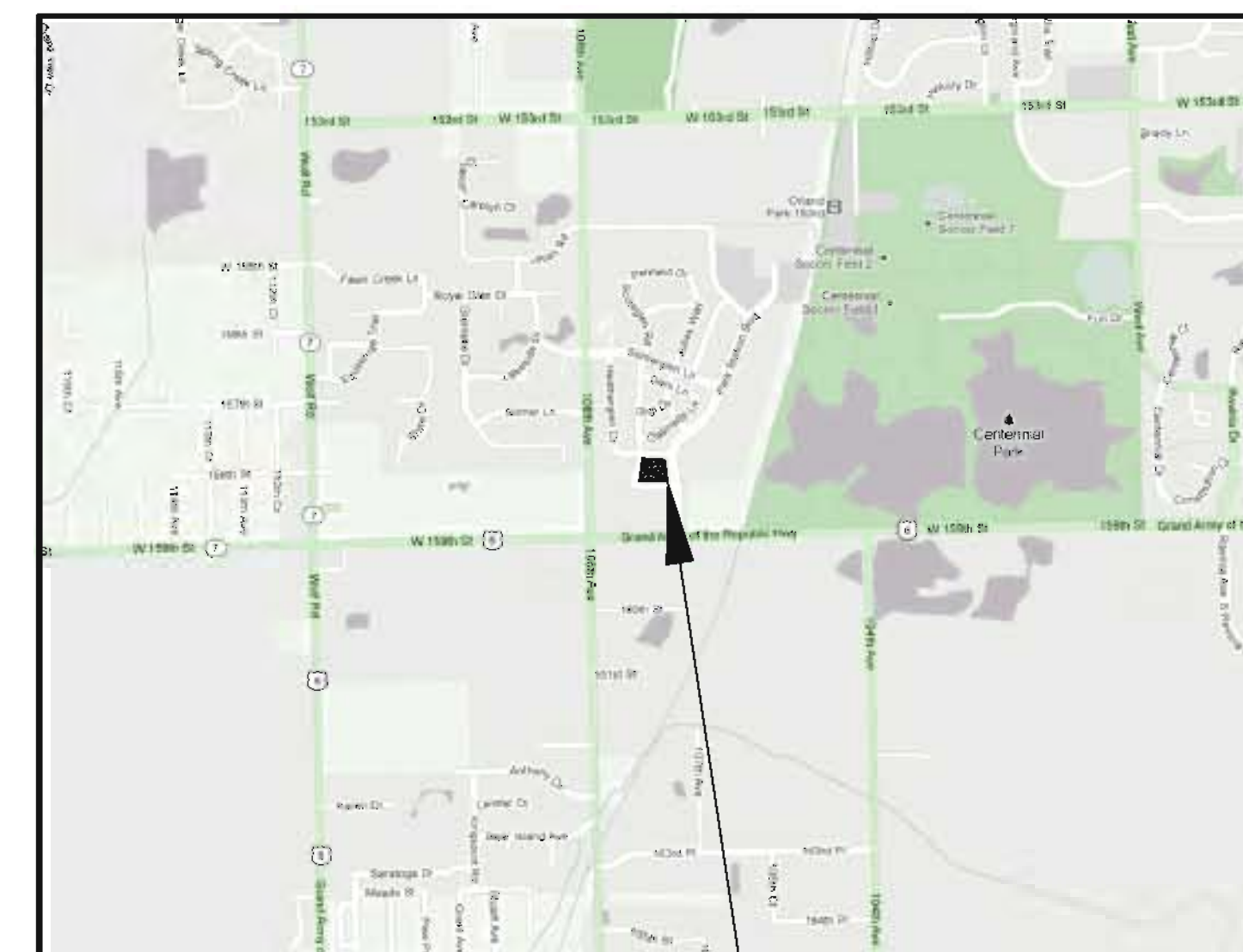
#### Administrative Staff

Frank Stec, Director of Parks & Buildings  
 Nancy A. Flores, Director of Recreation

#### Recreation Advisory Board

Jim Amedeo, Member  
 Gino Gentile, Member  
 Beth McElroy-Kirkwood, Member  
 Dan McMillan, Member  
 Thomas McSharry, Member  
 Bob Smith, Member  
 Jeffrey Withgott, Member

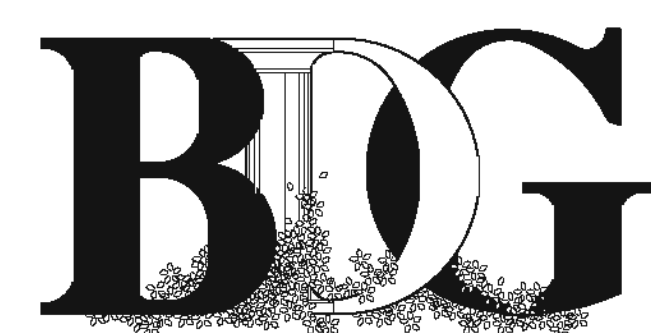
### Project Site Location Map



Park Site

### Index of Drawings

| # | Sheet Title                                 |
|---|---|
| 1 | Existing Conditions Plan                    |
| 2 | Site Construction Plan                      |
| 3 | Layout & Dimension Plan                     |
| 4 | Playground Area Construction & Grading Plan |
| 5 | Landscape & Restoration Plan                |
| 6 | Details                                     |
| 7 | Details                                     |

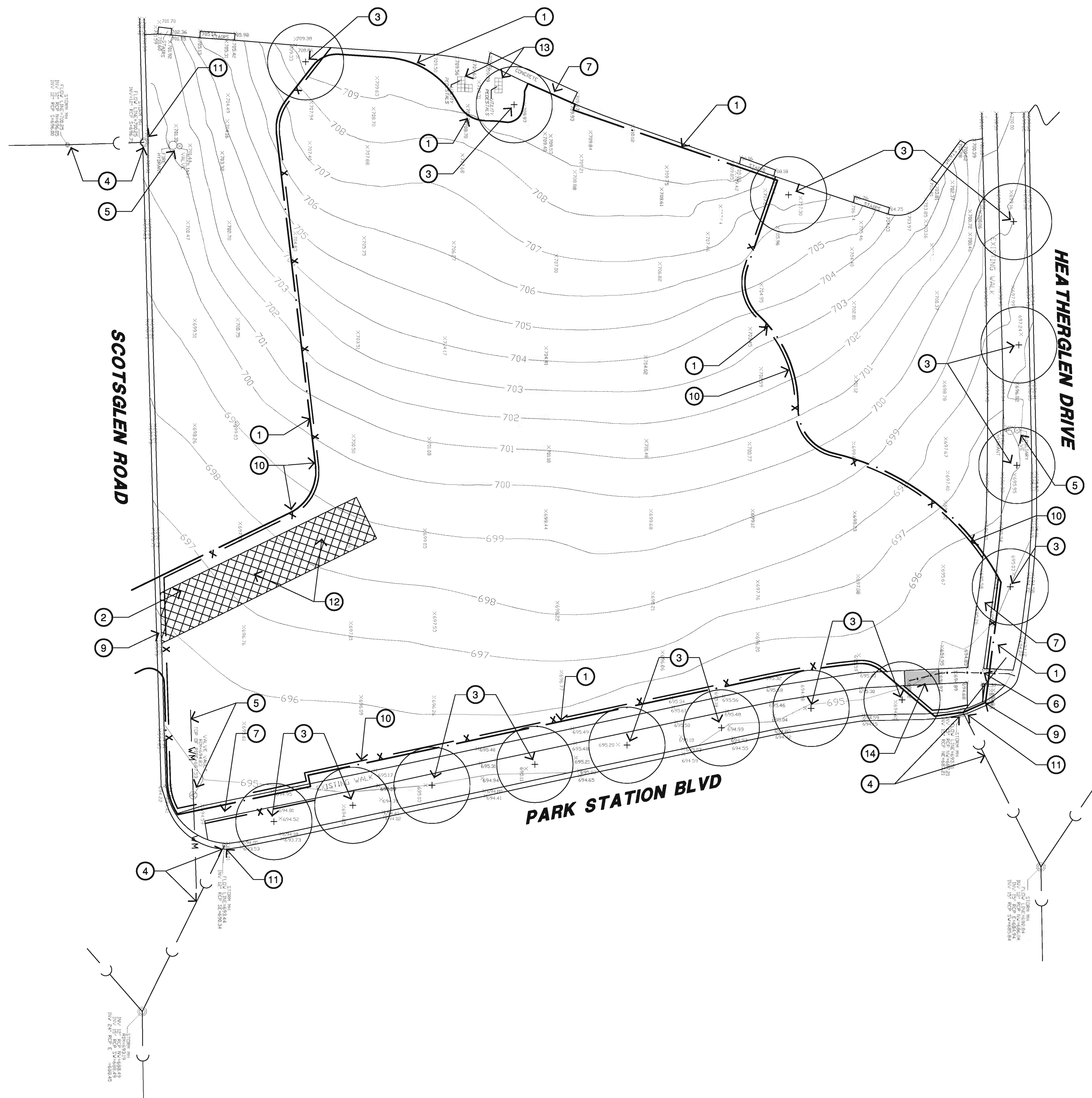


### Brusseau Design Group, LLC

Landscape Architecture \* Land Planning \* Recreational Planning & Design

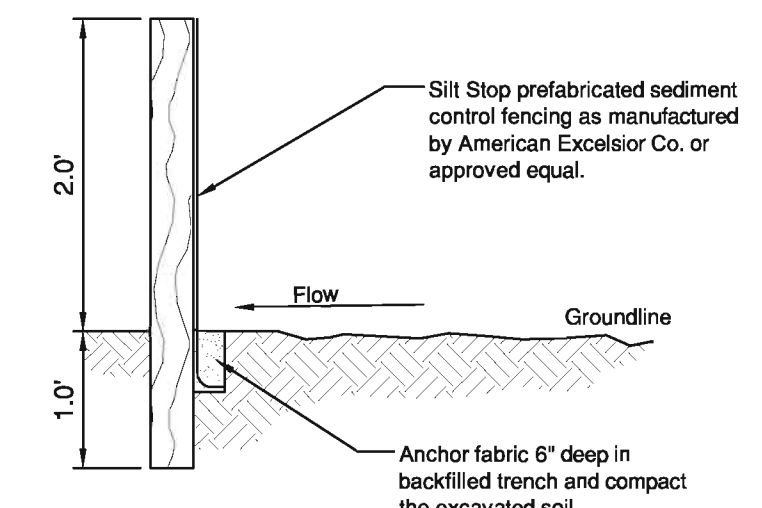
2675 Pratum Ave, Hoffman Estates, IL 60192

(224) 293-6470 (224) 293-6477 Fax



**Notes**

1. Denotes the Limits of Construction. Any damage to areas outside of the Limit of Construction line will be repaired or replaced by the Contractor at no additional cost to the Owner. Turf repairs will be made with sod.
2. Denotes Construction Access Point. No other access will be permitted to the work area. Protect existing pavements, curbs and walks during Construction. Any damage to existing pavements, curbs or walks will be repaired or replaced by the Contractor at no additional cost to the Owner.
3. Existing tree or vegetation to remain. Protect during Construction. Any damage to existing trees will result in back-charge to the Contract of \$100 per Caliper inch. Any damage to existing vegetation will be replaced with plant material of equal size and type.
4. Existing storm sewer drainage line and structure to remain. Protect during Construction. Any damage to existing storm sewer drainage line or structure will be repaired or replaced by the Contractor at no additional cost to the Owner.
5. Existing water service line, hydrant and valve vault to remain. Protect during Construction. Any damage to existing service line, hydrant or valve vault will be repaired or replaced by the Contractor at no additional cost to the Owner.
6. Existing gas line to remain. Protect during Construction. Any damage to existing gas line will be repaired or replaced by the Contractor at no additional cost to the Owner.
7. Existing concrete walk to remain. Protect during Construction. Any damage to existing concrete walk will be repaired or replaced by the Contractor at no additional cost to the Owner.
8. Existing asphalt pavement to remain. Protect during Construction. Any damage to existing asphalt pavement will be repaired or replaced by the Contractor at no additional cost to the Owner.
9. Existing concrete curb to remain. Protect during Construction. Any damage to existing concrete curb will be repaired or replaced by the Contractor at no additional cost to the Owner.
10. Furnish and install erosion control silt fencing. Silt fencing to be installed as shown prior to the start of construction and shall be maintained for the entire duration of construction. (See Detail)
11. Furnish and install Catch-All Filter Basket erosion control inlet protection. Catch-All Filter Basket manufactured by Marathon Materials, Inc. Inlet protection to be installed prior to the start of construction and shall be maintained for the entire duration of construction. Contact Marathon Materials, Inc. at (800) 983-9483.
12. Furnish and install stabilized construction entrance. Entrance to be constructed of 2" stone or recycled concrete, thickness not less than 8". The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment into public rights of way. This may require periodic top dressing with additional stone as conditions demand and repair and or clean out of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked in public rights of way must be removed immediately.
13. Existing utility pedestal to remain. Protect during Construction. Any damage to existing utility pedestals will be repaired or replaced by the Contractor at no additional expense to the Owner.
14. Saw cut and remove existing concrete walk including aggregate base material as necessary to install new underdrainage line. Haul concrete & aggregate material from the site.

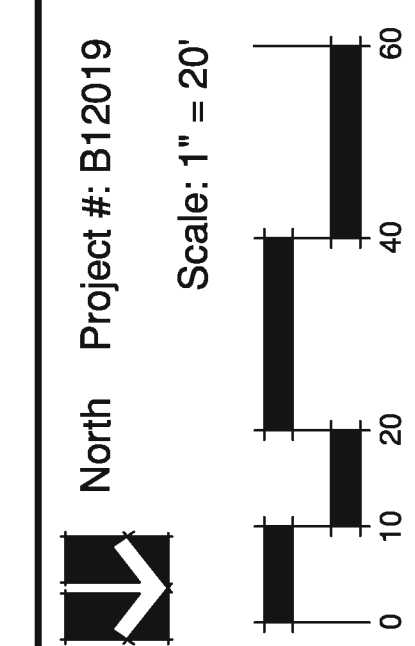


1 Erosion Control Silt Fence Not to Scale

| Issues & Revisions |          |               |
|--------------------|----------|---------------|
| #                  | Date     | Description   |
| 1                  | 10/02/12 | Issue for Bid |
|                    |          |               |
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|                    |          |               |

Sheet Title  
**Existing Conditions & Erosion Control Plan**

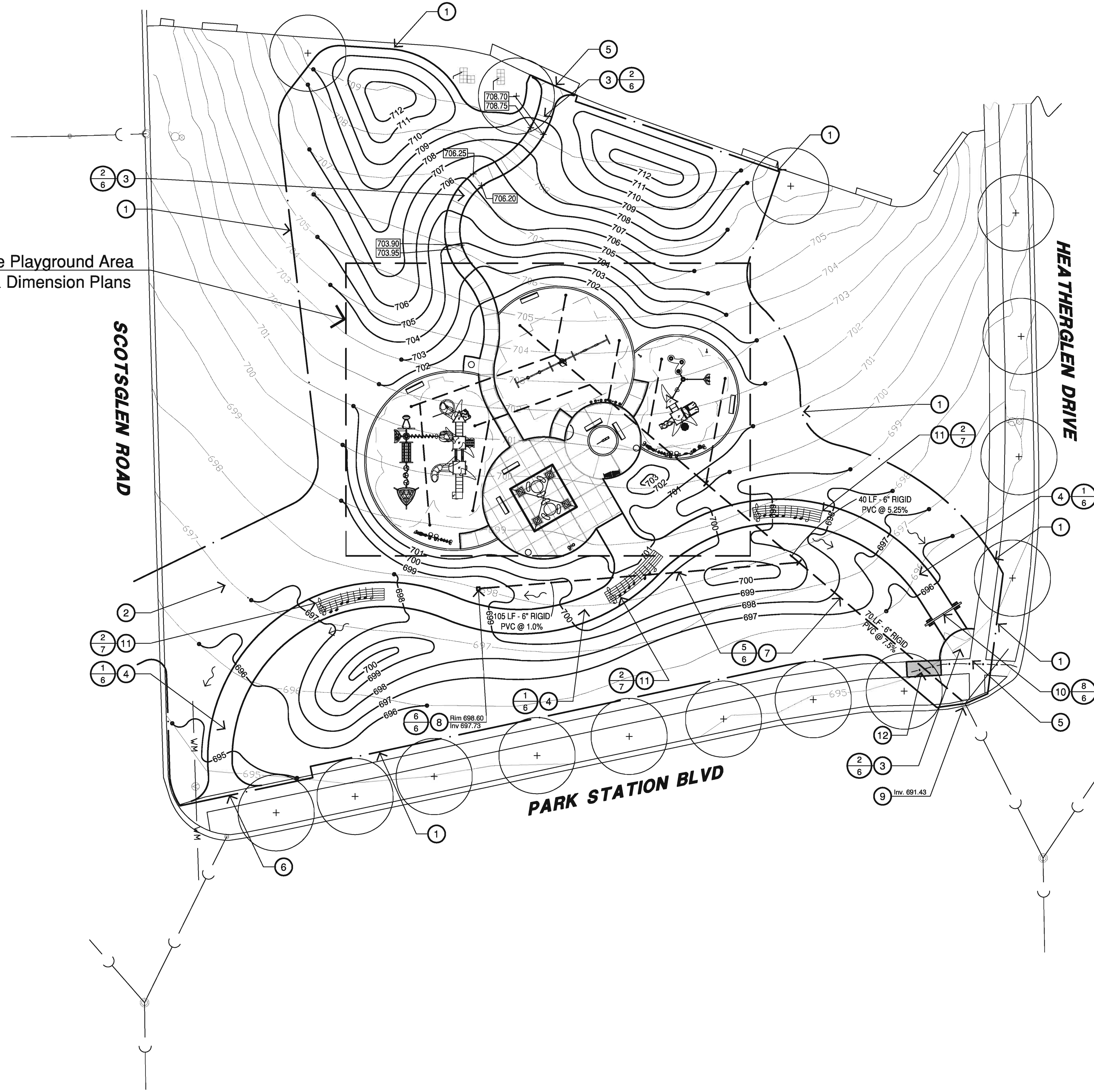
Sheet #  
**1**



Project & Client Name  
**Colette Highlands Park  
 Park Development  
 Village of Orland Park**

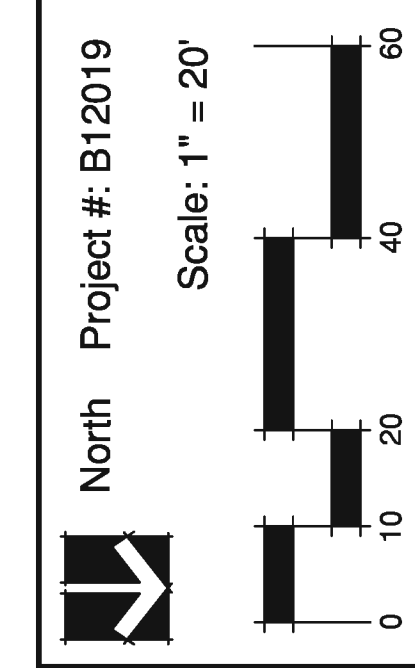
**BDS**  
**Brusseau Design Group, LLC**  
 Landscape Architecture • Land Planning • Recreational Planning & Design  
 2875 Pratum Avenue, Hoffman Estates, IL 60192  
 (224) 293-6470 (224) 293-6477 Fax

See Sheets 3&4 for the Playground Area Construction, Layout & Dimension Plans

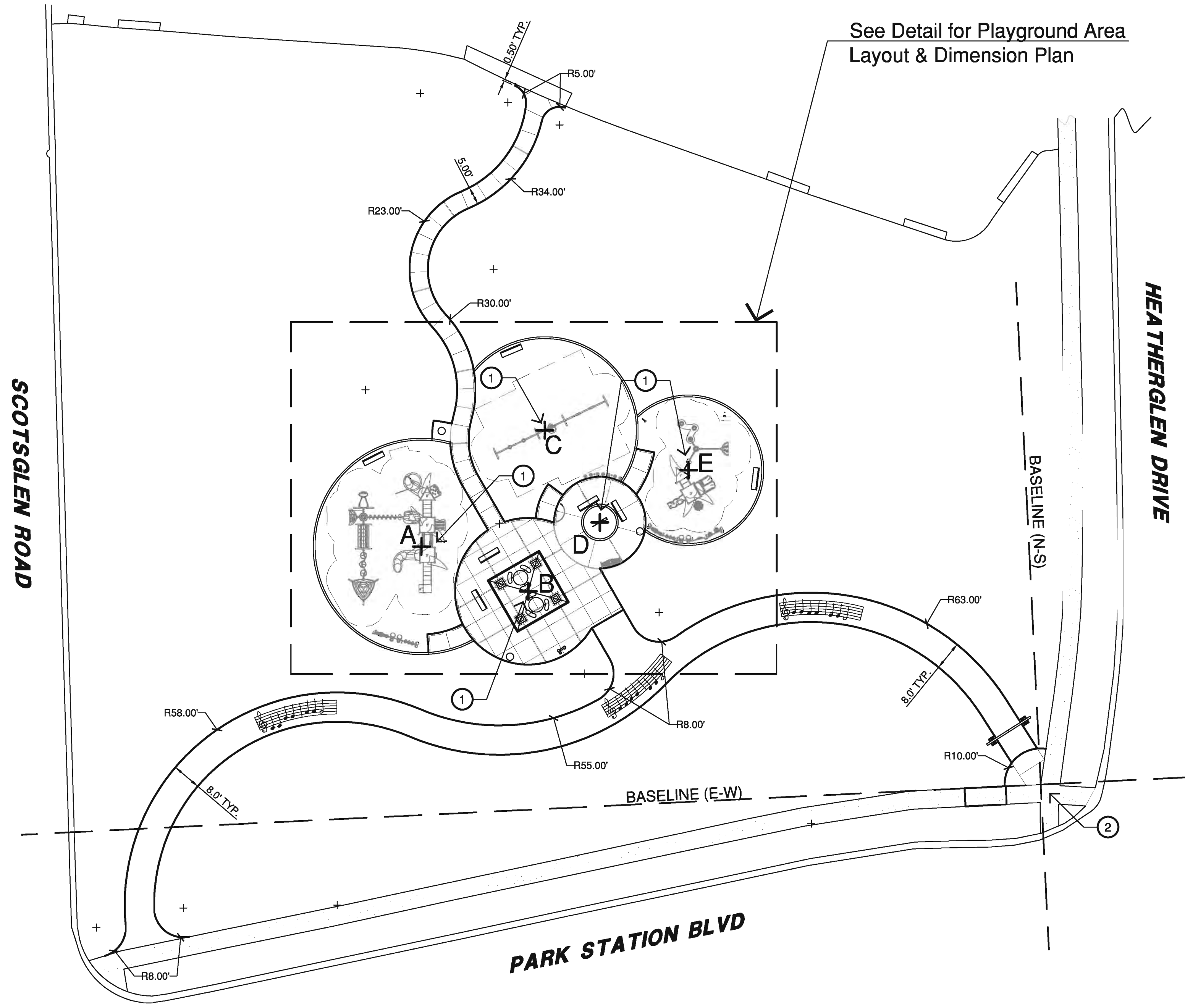


**Notes**

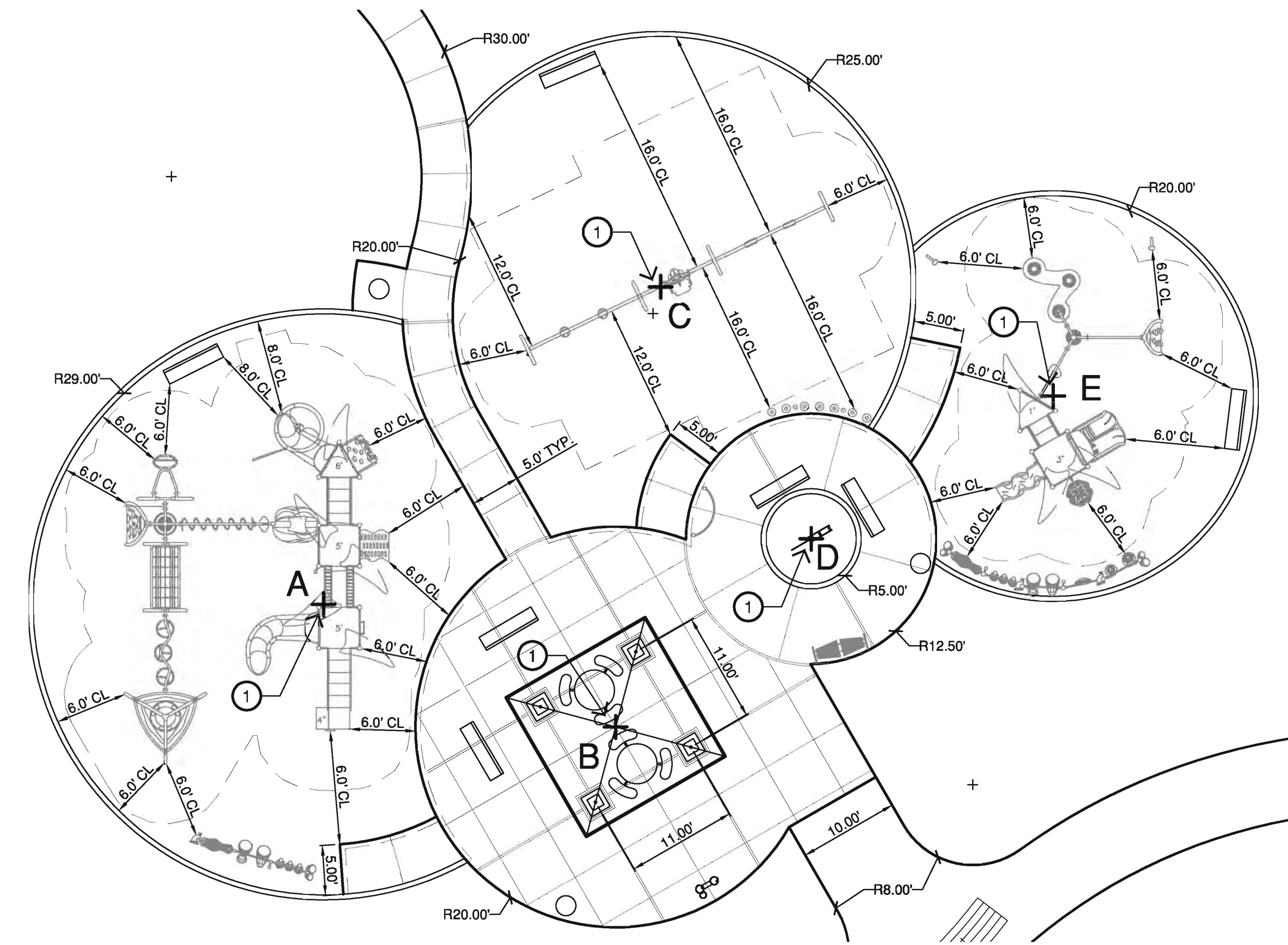
1. Limit of Construction. Any damage to areas outside of the Limit of Construction line will be repaired or replaced by the Contractor at no additional expense to the Owner. Turf repairs will be made with sod.
2. Denotes Construction Access Point. No other access will be permitted to the work area. Protect existing curbs and walks. Any damage to existing curbs and walks will be repaired or replaced by the Contractor at no additional expense to the Owner.
3. Excavate and grade area as necessary to establish sub-grade for new concrete walk. Import clean, compactable clay fill material as necessary to establish sub-grade elevation. Furnish and install aggregate base and reinforced concrete surface. Install walk to elevations shown on the plan. Provide toolted scoring joints and 1/2" expansion joints where shown and noted on plan. Pitch walks a minimum of 1% or as shown on the plan. Longitudinal grade of walk shall not exceed 1:20 or 5%, cross pitch shall not exceed 2%. Backfill walk with 6" minimum topsoil material and blend into surrounding grade. Import clean topsoil material as necessary to fulfill requirements. (See Detail)
4. Excavate and grade area as necessary to establish sub-grade for new asphalt walk. Import clean, compactable clay fill material as necessary to establish sub-grade elevation. **Aggregate base and asphalt surface to be furnished and installed by Others.** Install walk to elevations shown on the plan. Pitch walks a minimum of 1% or as shown on the plan. Longitudinal grade of walk shall not exceed 1:20 or 5%, cross pitch shall not exceed 2%. Backfill walk with 6" minimum topsoil material and blend into surrounding grade. Import clean topsoil material as necessary to fulfill requirements. (See Detail)
5. Furnish and install 1/2" expansion joint and meet grade of existing concrete pavement with finish grade of proposed concrete walk.
6. Meet grade of existing concrete walk with finish grade of proposed asphalt walk.
7. Furnish and install playground under drainage system. Install compacted aggregate material under pavements. (See Detail)
8. Furnish and install 12" NDS catch basin. (See Detail)
9. Underdrainage Connection Point. Excavate as necessary and core drill into existing storm structure to connect to drainage system. Mortar solid around new pipe both inside and outside of structure.
10. **12" wide entry arch to be furnished and installed by the Owner,** as manufactured by ICON Shelter Systems, Inc. Contact Parkreation at (847) 419-7744. Follow manufacturer's installation instructions. (See Detail)
11. Furnish and install musical theme pavement striping. (See Detail)
12. Furnish and install 1/2" expansion joints at both ends and patch concrete walk with similar cross-section to existing walk.



| Issues & Revisions |          |               |
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| #                  | Date     | Description   |
| 1                  | 10/02/12 | Issue for Bid |
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See Detail for Playground Area  
Layout & Dimension Plan



Playground Area Layout & Dimension Plan

Scale: 1" = 10'-0"

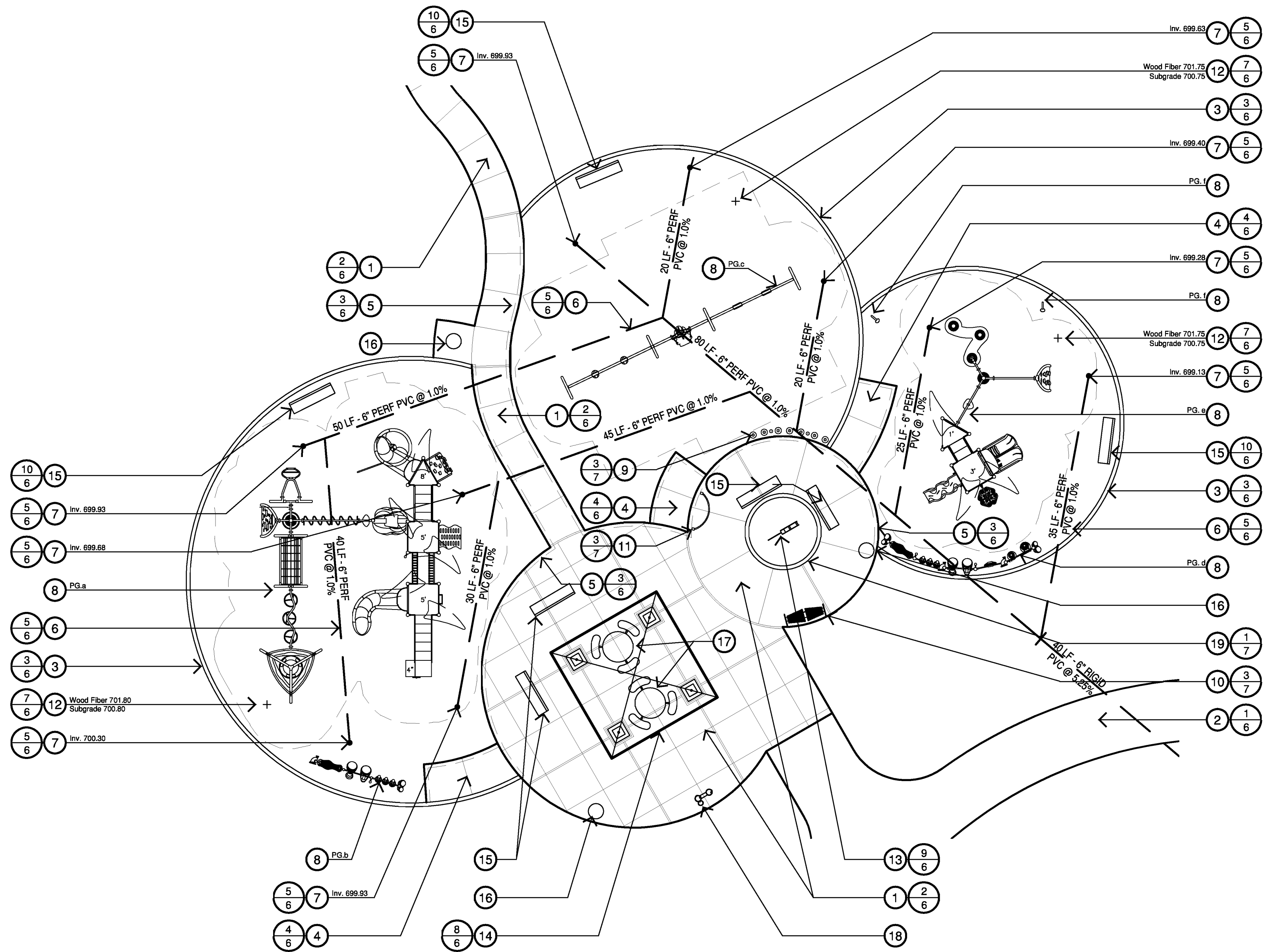
**Notes**

1. Denotes base point. (See Base Point Locations Table)
2. Site Improvements Layout origin. Use the southwest corner of the existing concrete sidewalk to establish Baselines as shown.

**Base Point Locations**

- |     |                    |   |
|-----|--------------------|---|
| (A) | S 165.5', W 73.2'  | Center Point of 5-12 Year Old Play Area |
| (B) | S 137.0', W 59.5'  | Center Point of Picnic Area             |
| (C) | S 130.3', W 103.2' | Center Point of Swing Play Area         |
| (D) | S 116.6', W 77.3'  | Center Point of Music Plaza             |
| (E) | S 91.7', W 90.4'   | Center Point of 2-5 Year Old Play Area  |

| Issues & Revisions # | Date     | Description | Issue for Bid |
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Playground Construction Plan



Playground Area Grading Plan

Play Apparatus Schedule

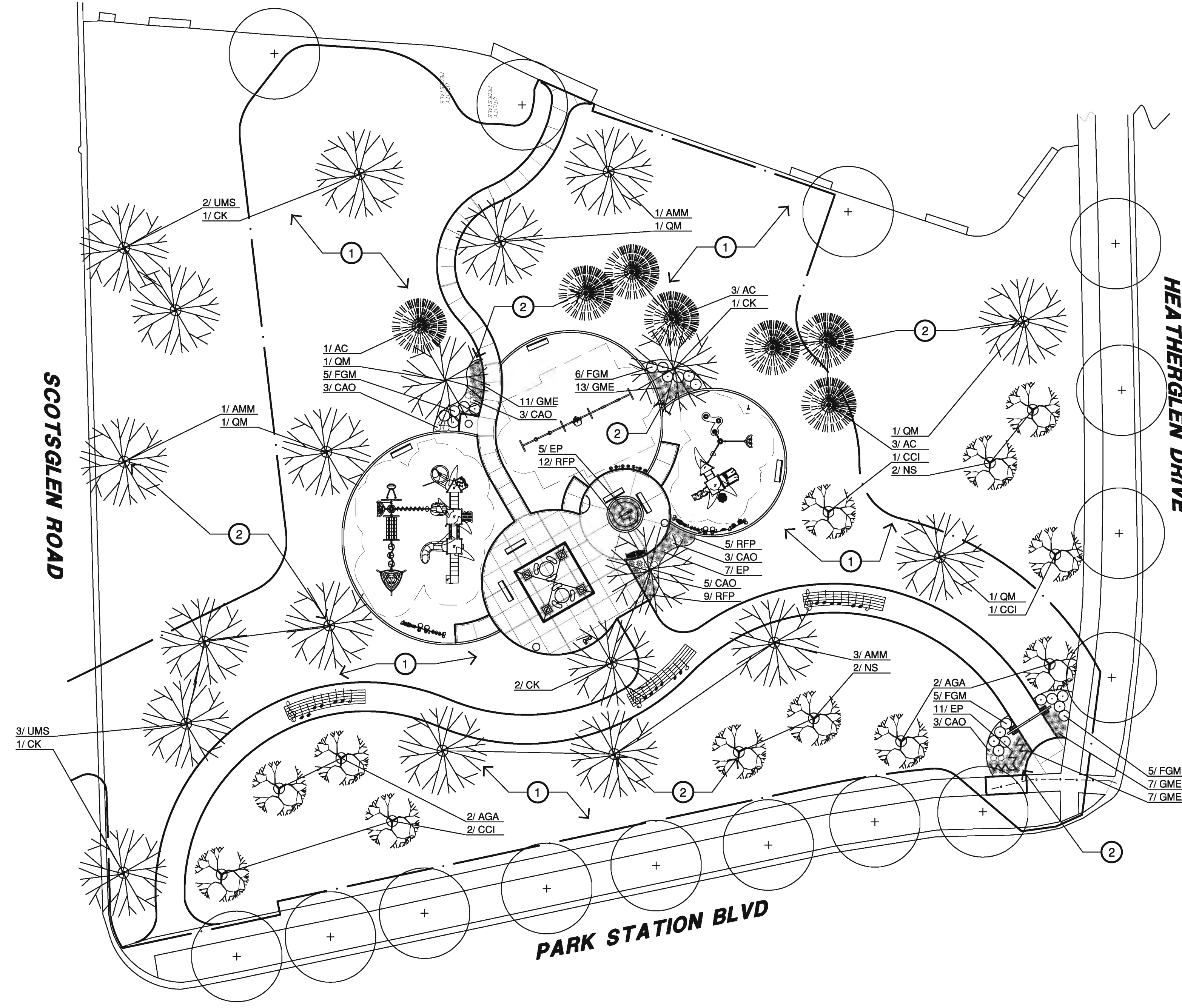
| Key  | Name                    | Quantity | Quote # | Manufacturer |
|------|-------------------------|----------|---------|--------------|
| PG.a | 5-12 Year Old Structure | 1        | 78000   | Game Time    |
| PG.b | Merry Musical           | 1        | 78000   | Game Time    |
| PG.c | Swings                  | 1        | 78000   | Game Time    |
| PG.d | Fun Semble              | 1        | 78000   | Game Time    |
| PG.e | 2-5 Year Old Structure  | 1        | 78000   | Game Time    |
| PG.f | Talk Tube               | 2        | 78000   | Game Time    |

Contact Cunningham Recreation at (800) 942-1062 for information on all Game Time play equipment.  
Play Apparatus is to be Furnished by the Owner and Assembled & Installed by the Contractor.

Notes

- Excavate and grade area as necessary to establish sub-grade for new concrete walk. Import clean, compactable clay fill material as necessary to establish sub-grade elevation. Furnish and install aggregate base and reinforced concrete surface. Install walk to elevations shown on the plan. Provide tooled scoring joints and 1/2" expansion joints where shown and noted on plan. Pitch walks a minimum of 1% or as shown on the plan. Longitudinal grade of walk shall not exceed 1:20 or 5%, cross pitch shall not exceed 2%. Contractor to backfill walk with topsoil material and blend into surrounding grade. Import clean topsoil material as necessary to fulfill requirements. (See Detail)
- Excavate and grade area as necessary to establish sub-grade for new asphalt walk. Import clean, compactable clay fill material as necessary to establish sub-grade elevation. Aggregate base and asphalt pavement to be furnished and installed by Others. Install walk to elevations shown on the plan. Pitch walks a minimum of 1% or as shown on the plan. Longitudinal grade of walk shall not exceed 1:20 or 5%, cross pitch shall not exceed 2%. Contractor to backfill walk with topsoil material and blend into surrounding grade. Import clean topsoil material as necessary to fulfill requirements. (See Detail)
- Excavate as necessary and furnish and install 6" x 12" Concrete Curb. Provide 1/2" expansion joints with dowels and expansion caps where proposed concrete curb meets proposed concrete walk/curb face and as noted on detail. Provide saw cut control joints as noted on detail. Backfill curb with topsoil material where applicable and blend into surrounding grade. (See Detail)
- Furnish and install concrete access walk. (See Detail)
- Furnish and install curb faced concrete walk. (See Detail)
- Furnish and install playground underdrainage system. (See Detail)
- Furnish and install playground underdrainage system cleanout. (See Detail)
- Assemble and install Play Apparatus as shown on Play Apparatus Schedule. Play Apparatus to be furnished by the Owner. Installation must follow manufacturer's installation instructions. Installation must also conform to the current editions of ASTM F1487, Standard Consumer Safety Performance Specification for Playground Equipment for Public Use, by the American Society for Testing and Materials, and the Public Playground Safety Handbook by the Consumer Products Safety Commission. (See Play Apparatus Schedule)
- Contrabasso Chimes outdoor musical instrument to be furnished and installed by the Owner, as manufactured by Frenoles Harmony Park. Contact Parkreation at (847) 419-7744. Follow manufacturer's installation instructions. (See Detail)
- Metallophone outdoor musical instrument to be furnished and installed by the Owner, as manufactured by Frenoles Harmony Park. Contact Parkreation at (847) 419-7744. Follow manufacturer's installation instructions. (See Detail)
- Saturn's Chimes outdoor musical instrument to be furnished and installed by the Owner, as manufactured by Frenoles Harmony Park. Contact Parkreation at (847) 419-7744. Follow manufacturer's installation instructions. (See Detail)
- Excavate or fill area with compacted clay material to subgrade elevation shown. Subgrade area must pitch a minimum of 1% to nearest underdrainage trench. Wood fiber safety surfacing & filter fabric to be furnished and installed by the Owner. (See Detail)
- Music Note Sculpture to be furnished and installed by the Owner, as manufactured by ICON Shelter Systems, Inc. Contact Parkreation at (847) 419-7744. Follow manufacturer's installation instructions. (See Detail)
- Picnic Shelter to be furnished and installed by the Owner, as manufactured by ICON Shelter Systems, Inc. Contact Parkreation at (847) 419-7744. Follow manufacturer's installation instructions. (See Detail)
- Bench to be furnished and installed by the Owner.
- Litter Receptacle to be furnished and installed by the Owner.
- Picnic Table to be furnished and installed by the Owner.
- Drinking Fountain to be furnished and installed by the Owner.
- Excavate or fill area as necessary with compacted clay material to create subgrade for curbed planter area. Furnish and install concrete curb perimeter. Planting mix to be furnished and installed by the Owner. (See Detail)

| Issues & Revisions |          |               |
|--------------------|----------|---------------|
| #                  | Date     | Description   |
| 1                  | 10/02/12 | Issue for Bid |



**Notes**

1. Fine grade, fertilize, seed and blanket all disturbed areas. Furnish and install DS75 erosion control blanket and 6" Bio-stakes as manufactured by North American Green. Follow manufacturer's installation instructions. **Turf Restoration to be Completed by the Owner.** (See Specifications)
2. Furnish and install 3" layer of double shredded hardwood bark mulch in new planting beds. **Landscape Plantings & Planting Bed Mulch to be Completed by the Owner.** (See Specifications)

**Plant List & Key**

| Key                                  | Botanical Name<br>(Common Name)  | Size  | Quantity |
|--------------------------------------|--|-------|----------|
| <b>Shade Trees</b>                   |  |       |          |
| AMM                                  | <i>Acer miyabei</i> 'Morton'<br>(State Street Maple)   | 3"    | 5        |
| CK                                   | <i>Cladrastis kentuckea</i><br>(American Yellowwood)   | 3"    | 5        |
| OR                                   | <i>Quercus rubra</i><br>(Red Oak)  | 3"    | 5        |
| UMS                                  | <i>Ulmus x 'Morton Stalwart'</i><br>(Commendation Elm)                                       | 3"    | 5        |
| <b>Ornamental Trees</b>              |  |       |          |
| AGA                                  | <i>Amelanchier grandiflora</i> 'Autumn Brilliance'<br>(Autumn Brilliance Apple Serviceberry) | 6'    | 4        |
| CCI                                  | <i>Crataegus crusgalli v. inermis</i><br>(Thornless Cockspur Hawthorn)                       | 6'    | 4        |
| NS                                   | <i>Nyssa sylvatica</i><br>(Black Tupelo)   | 6'    | 4        |
| <b>Evergreen Trees</b>               |  |       |          |
| AC                                   | <i>Abies concolor</i><br>(Concolor Fir)  | 6'    | 7        |
| <b>Deciduous Shrubs</b>              |  |       |          |
| FGM                                  | <i>Fothergilla gardenii</i> 'M. Aity'<br>(M. Aity Fothergilla)                               | 24"   | 21       |
| <b>Perennials &amp; Groundcovers</b> |  |       |          |
| CAO                                  | <i>Calamagrostis acutifolia</i> 'Overdam'<br>(Overdam Reed Grass)                            | 1 GAL | 17       |
| EP                                   | <i>Echinacea purpurea</i> 'Kim's Knee High'<br>(Kim's Knee High Coneflower)                  | 1 GAL | 23       |
| GME                                  | <i>Geranium maculatum</i> 'Espresso'<br>(Espresso Cranesbill)                                | 1 GAL | 38       |
| RFP                                  | <i>Rudbeckia fulpida</i> 'Pot of Gold'<br>(Pot of Gold Black Eyed Susan)                     | 1 GAL | 26       |

**BIDG**  
**Brusseau Design Group, LLC**  
 Landscape Architecture • Land Planning • Recreational Planning & Design  
 2875 Pratum Avenue, Hoffman Estates, IL 60132  
 (824) 293-6470 (824) 293-6477 Fax

**Project & Client Name**  
**Colette Highlands Park**  
 Park Development  
 Village of Orland Park

**North**

**Project #:** B12019

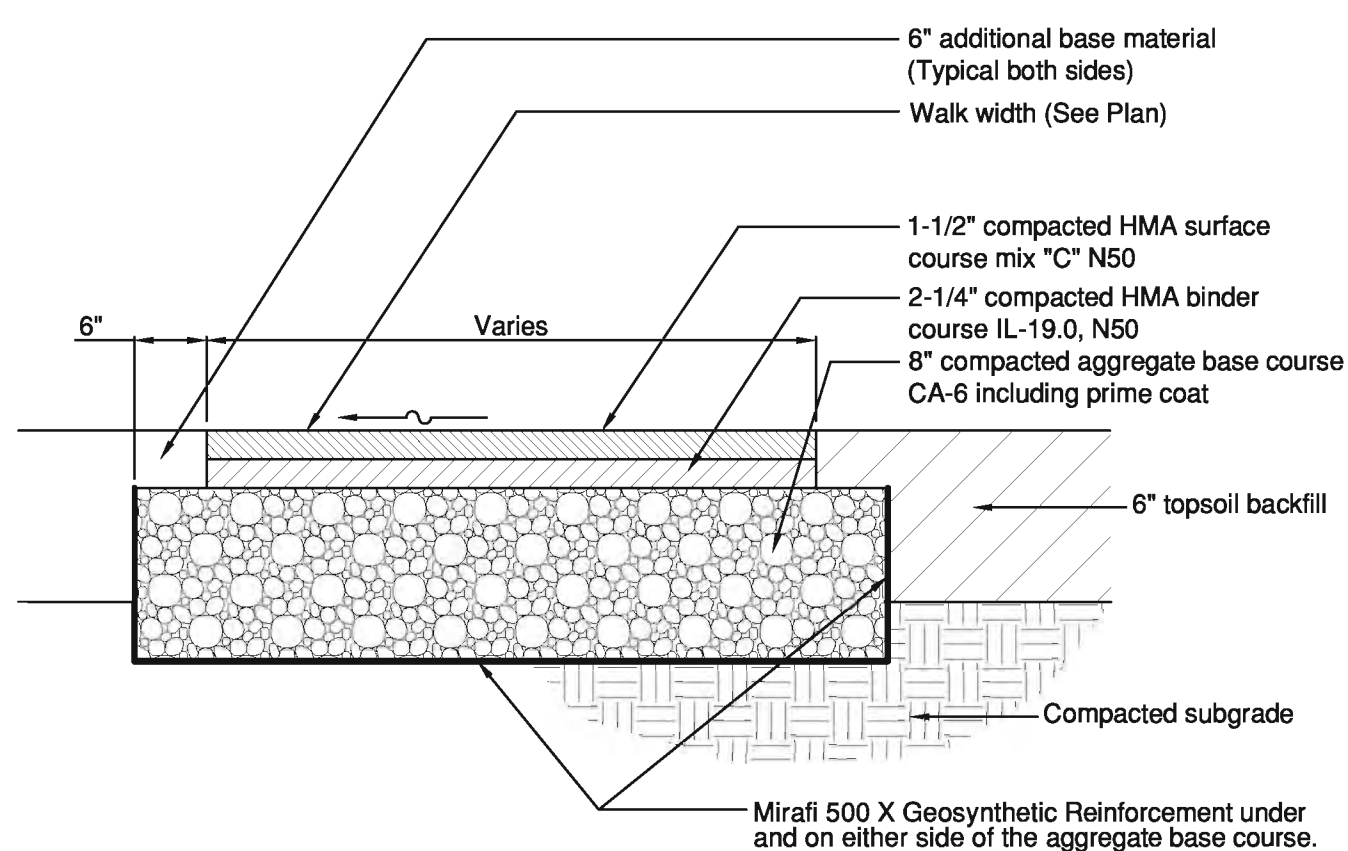
**Scale:** 1" = 20'

| Issues & Revisions |          |                             |
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| #                  | Date     | Description / Issue for Bid |
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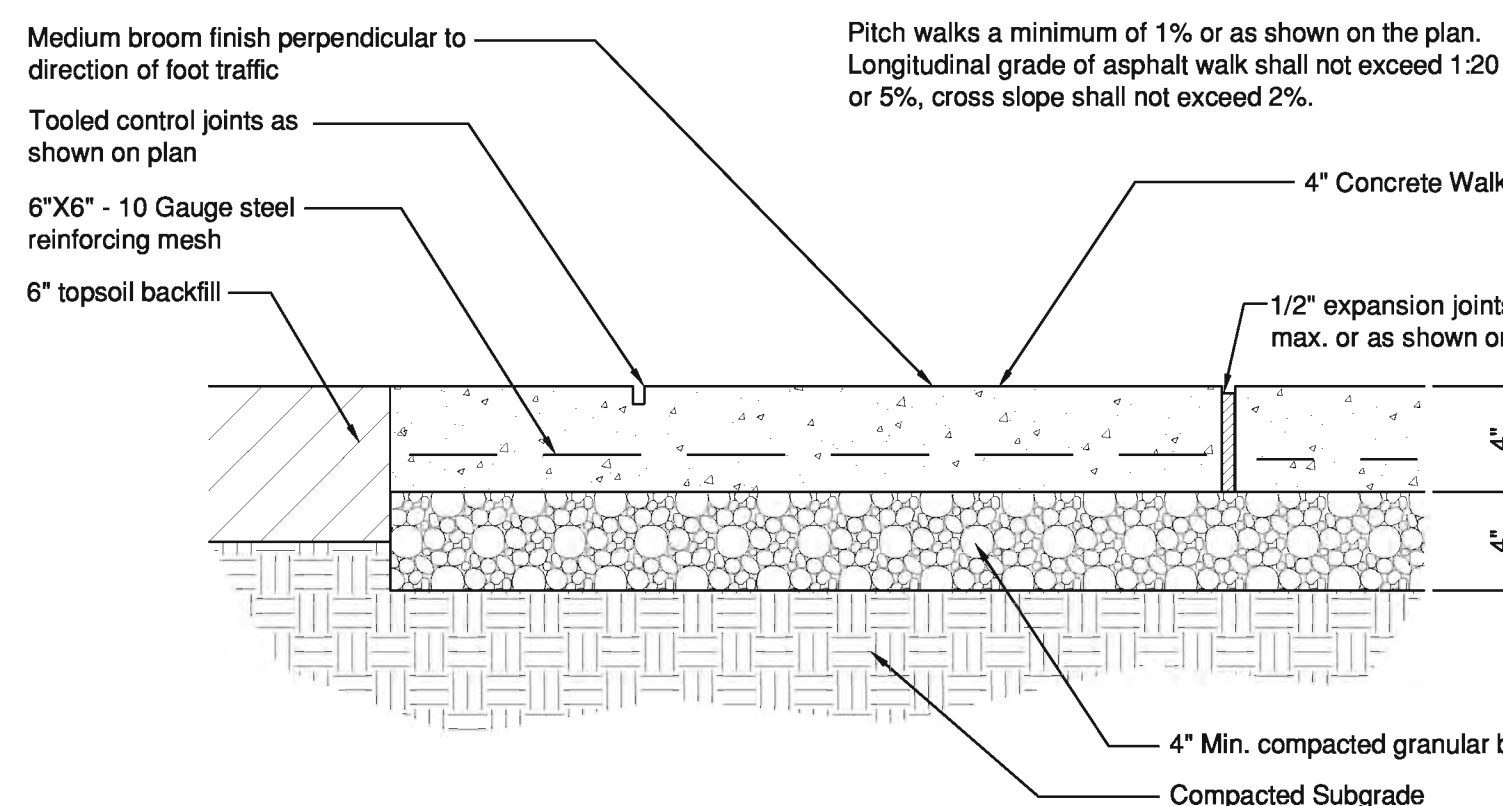
**Sheet Title**  
**Landscape & Turf**  
**Restoration Plan**  
**(By Owner)**

**Sheet #**  
**5**

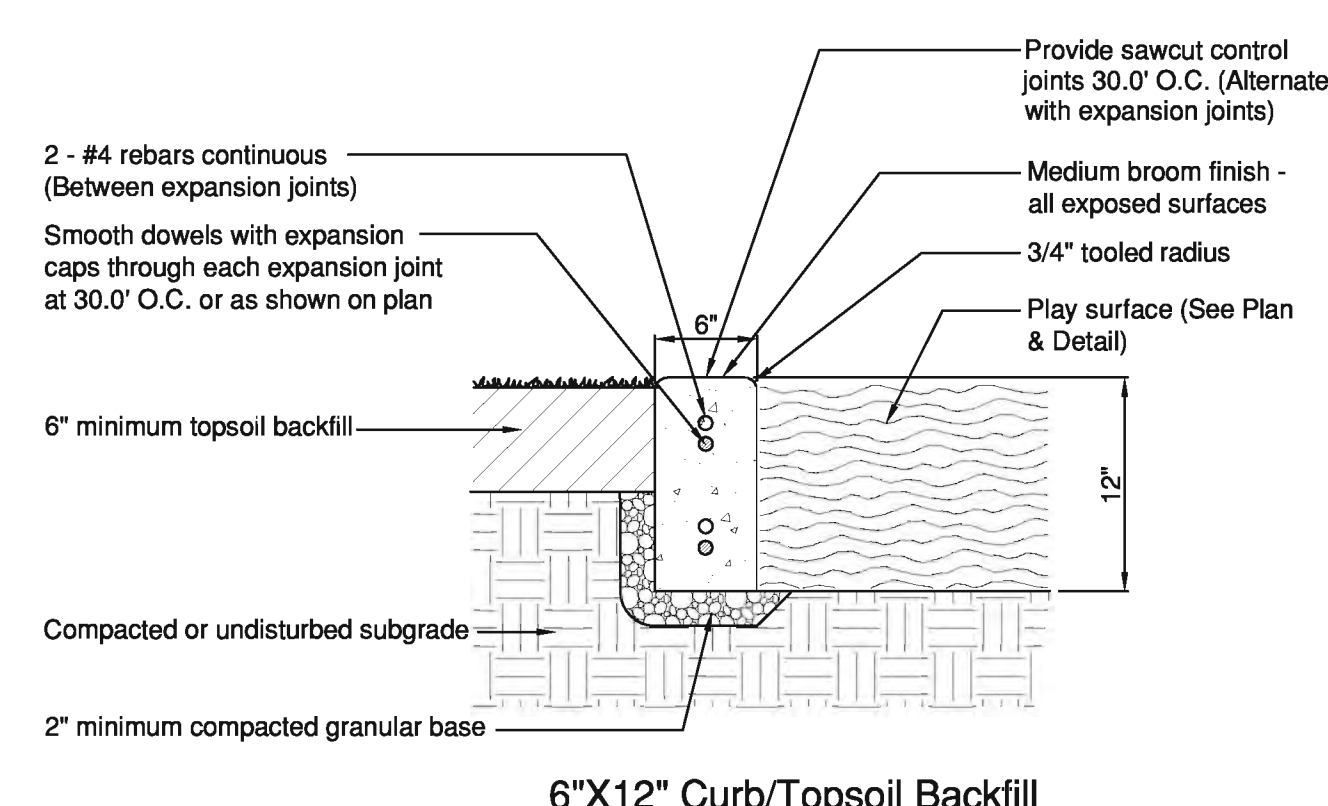
Pitch walks a minimum of 1% or as shown on the plan.  
Longitudinal grade of asphalt walk shall not exceed 1:20  
or 5%, cross slope shall not exceed 2%.



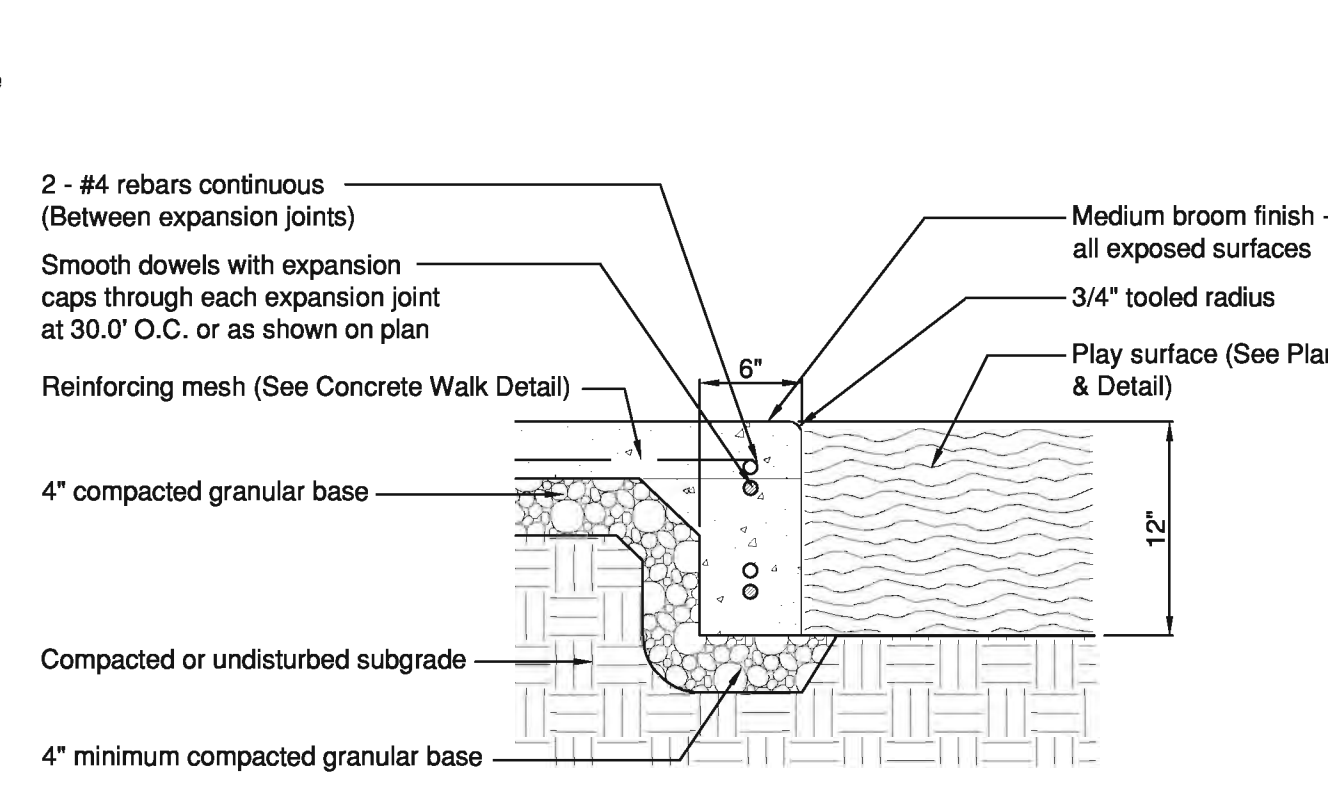
**1 Asphalt Walk**  
(By Others) Not to Scale



**1 4" Reinforced Concrete Walk**  
Not to Scale

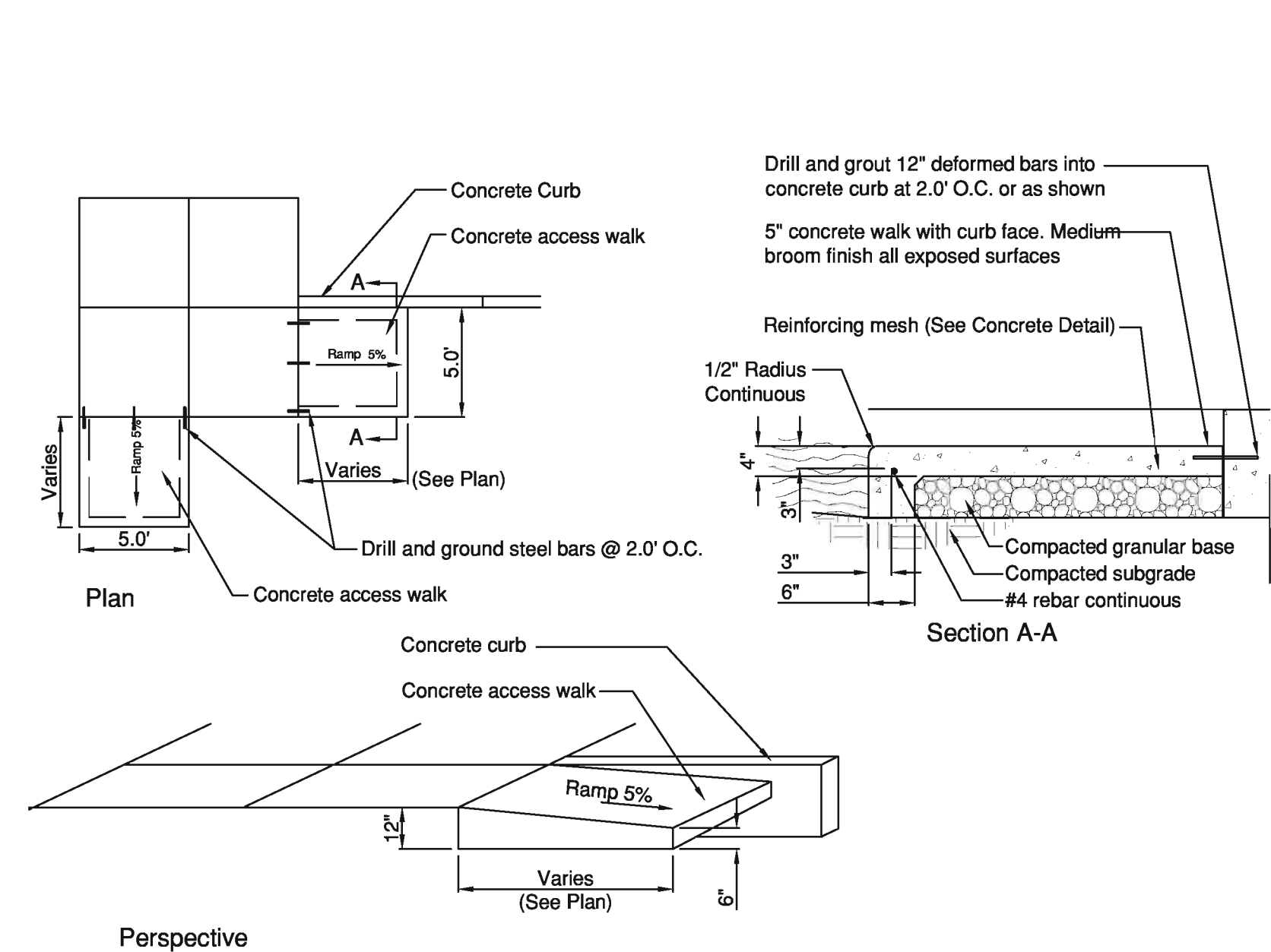


**2 6" x 12" Concrete Curb Variation**  
Not to Scale

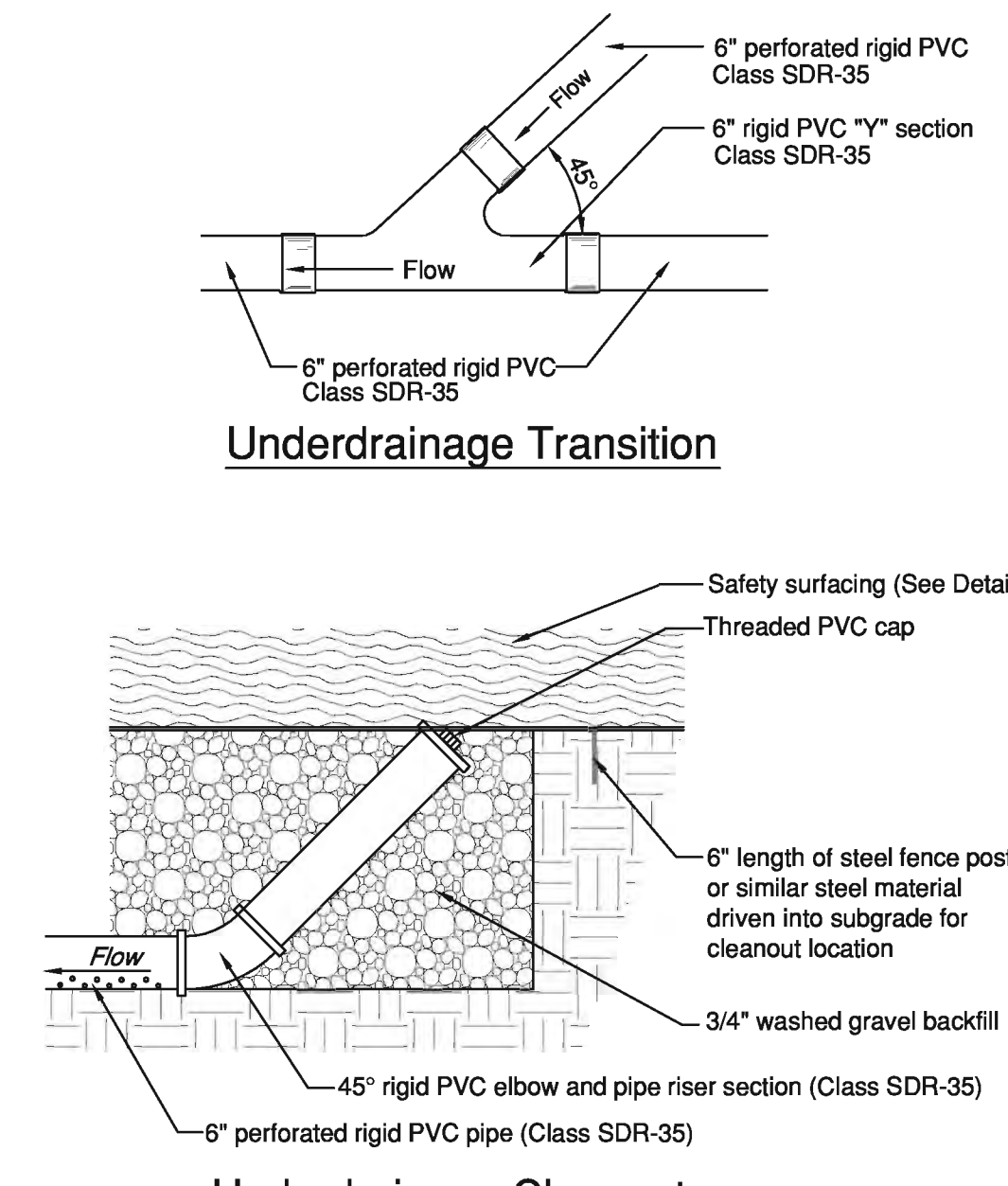


Curb Faced Walk

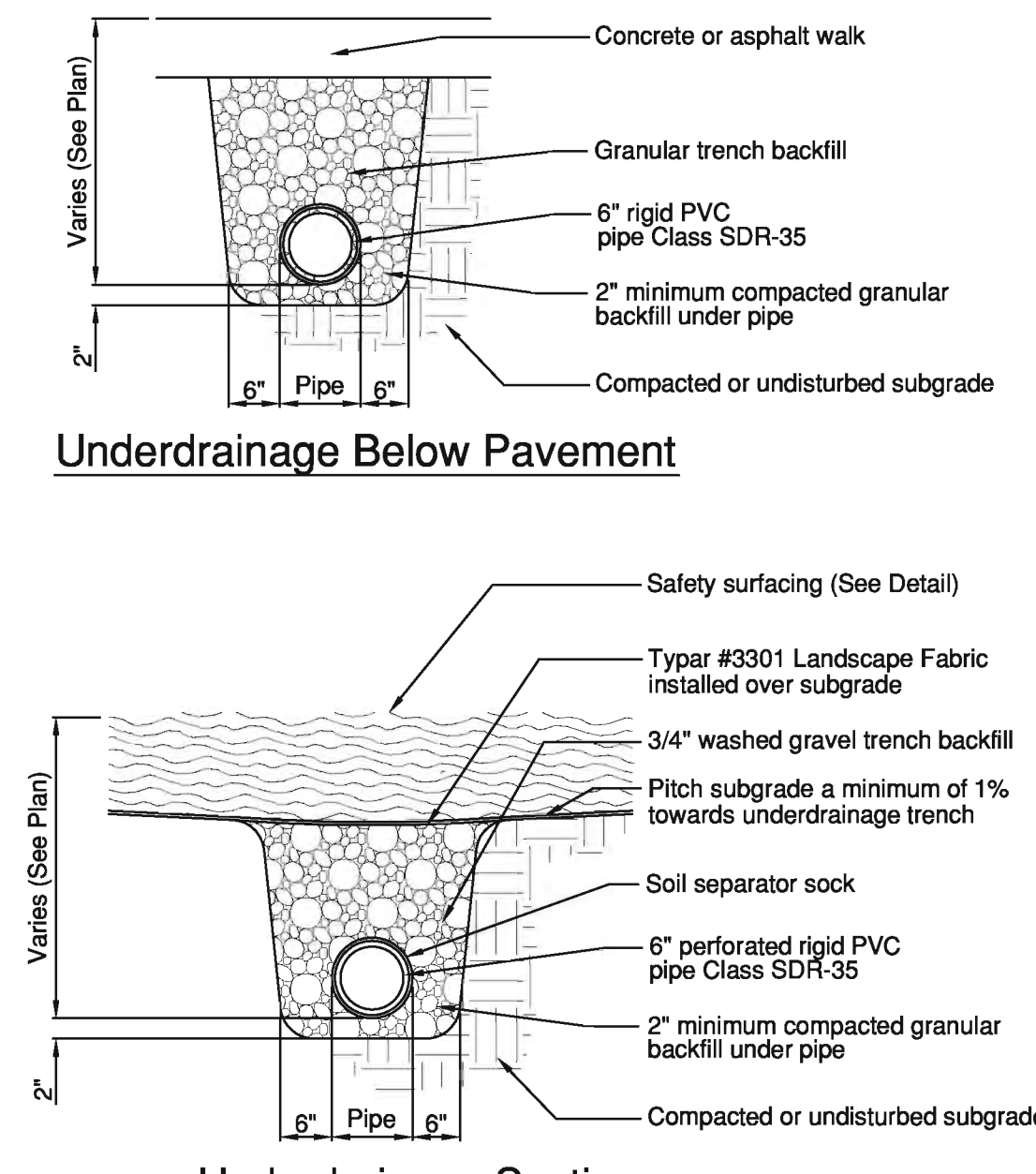
**2 Curb Faced Walk**  
Not to Scale



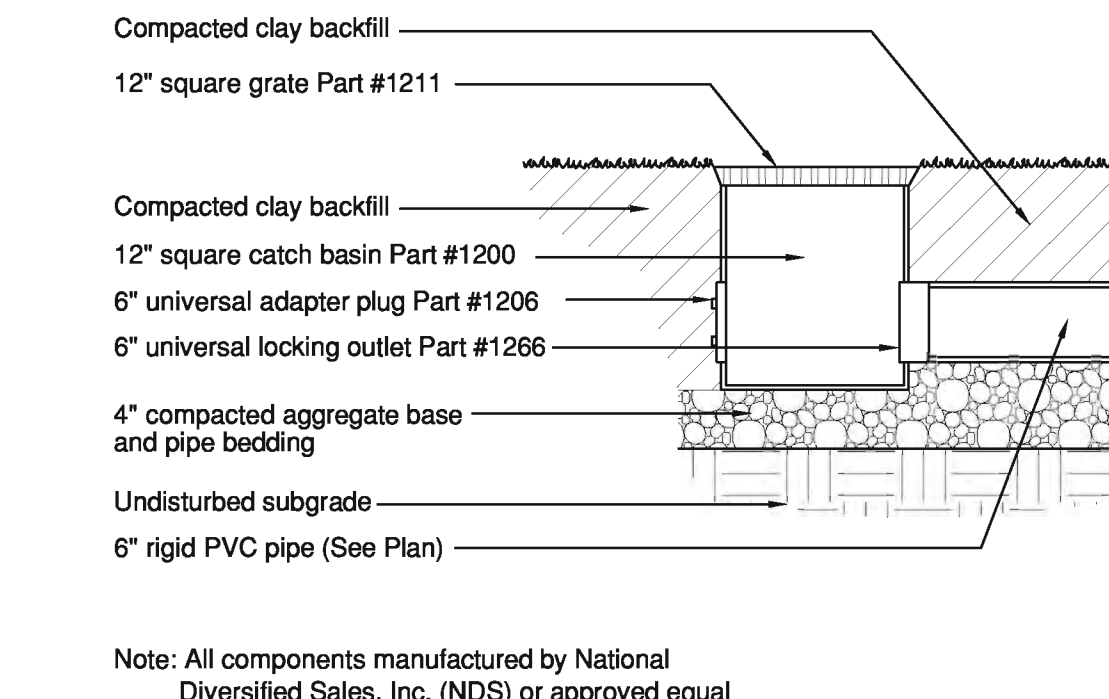
**4 Concrete Access Walk**  
Not to Scale



**5 Underdrainage System**  
Not to Scale

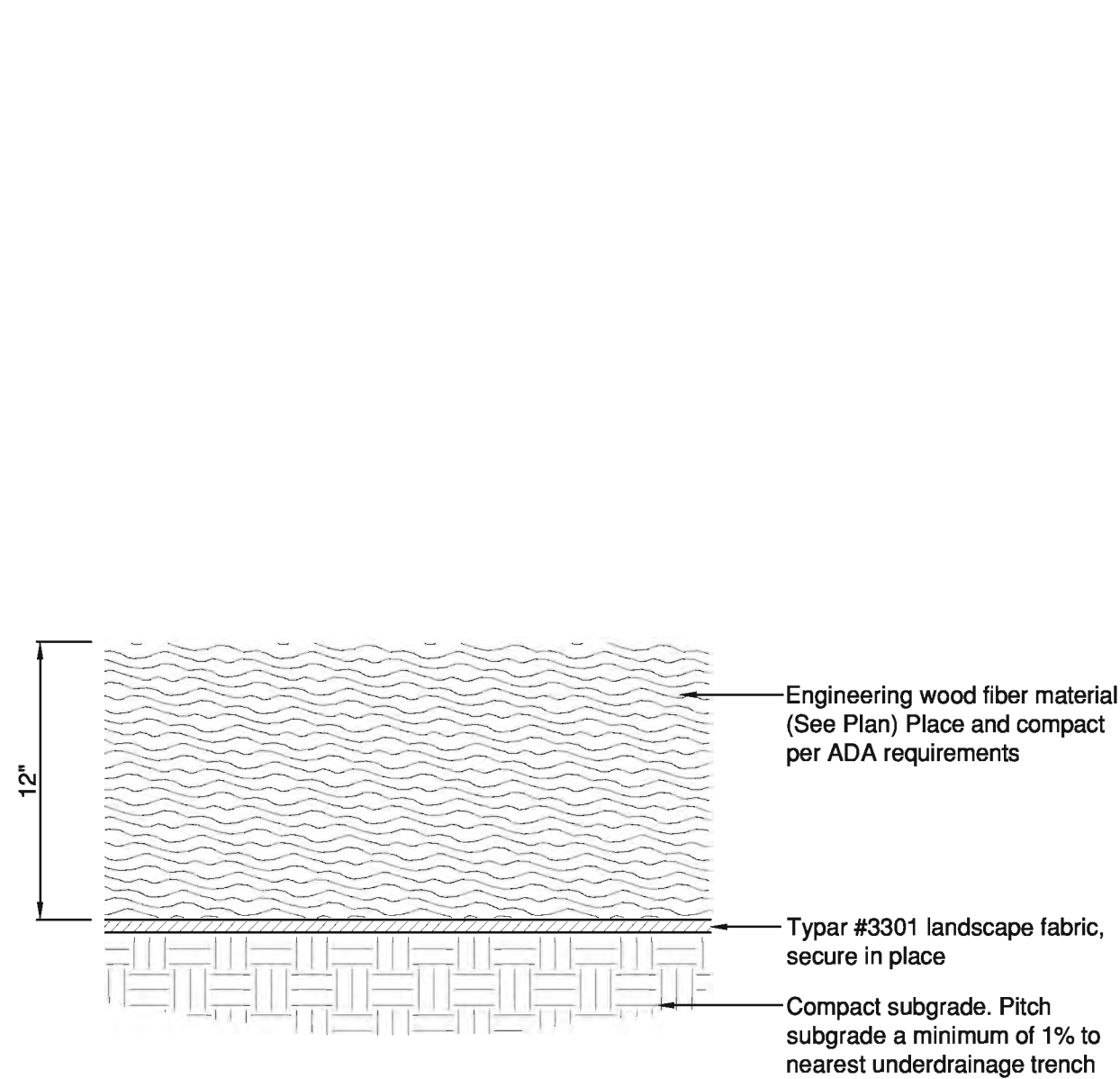


**5 Underdrainage Section**  
Not to Scale

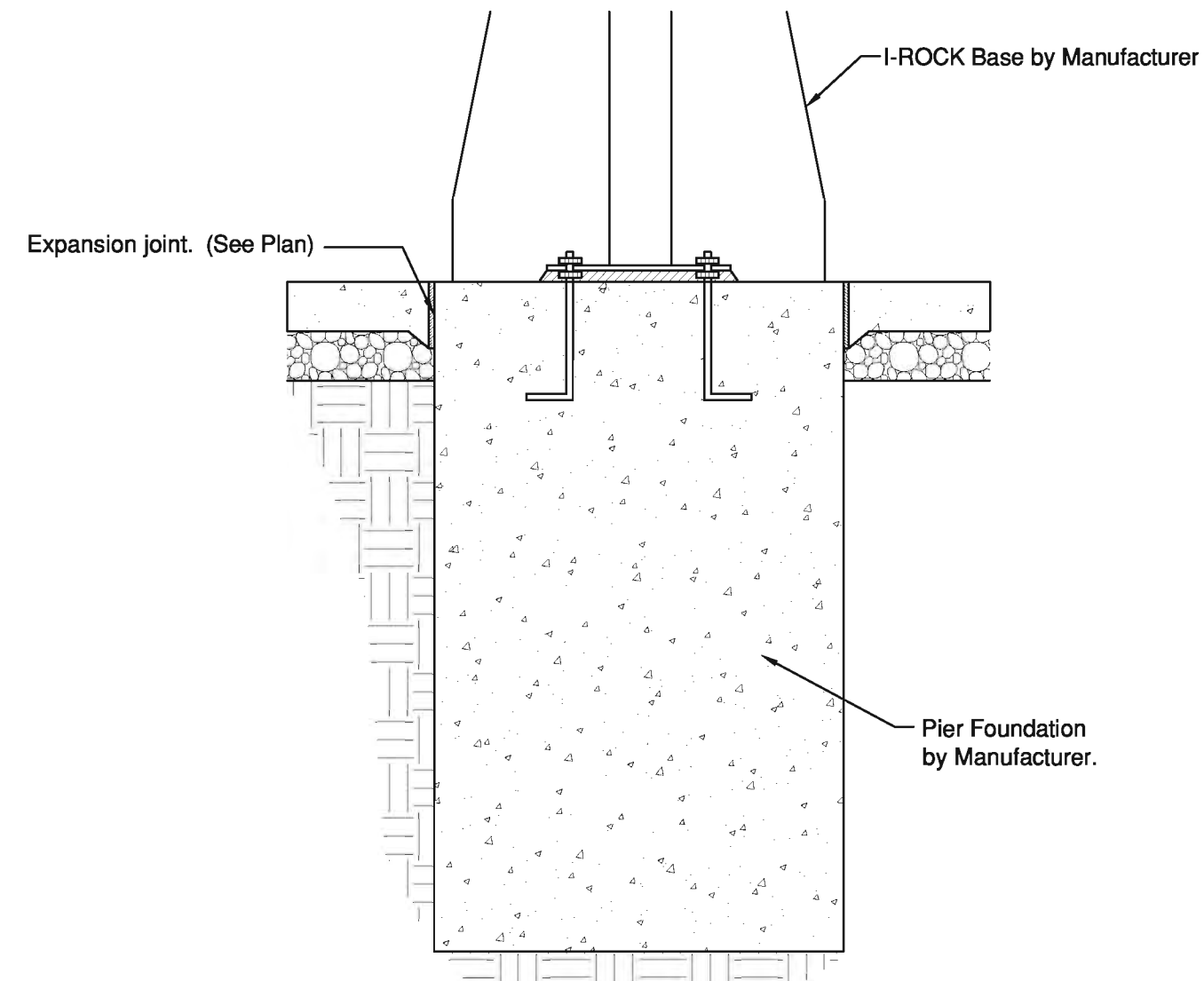


**6 12" Square Catch Basin**  
Not to Scale

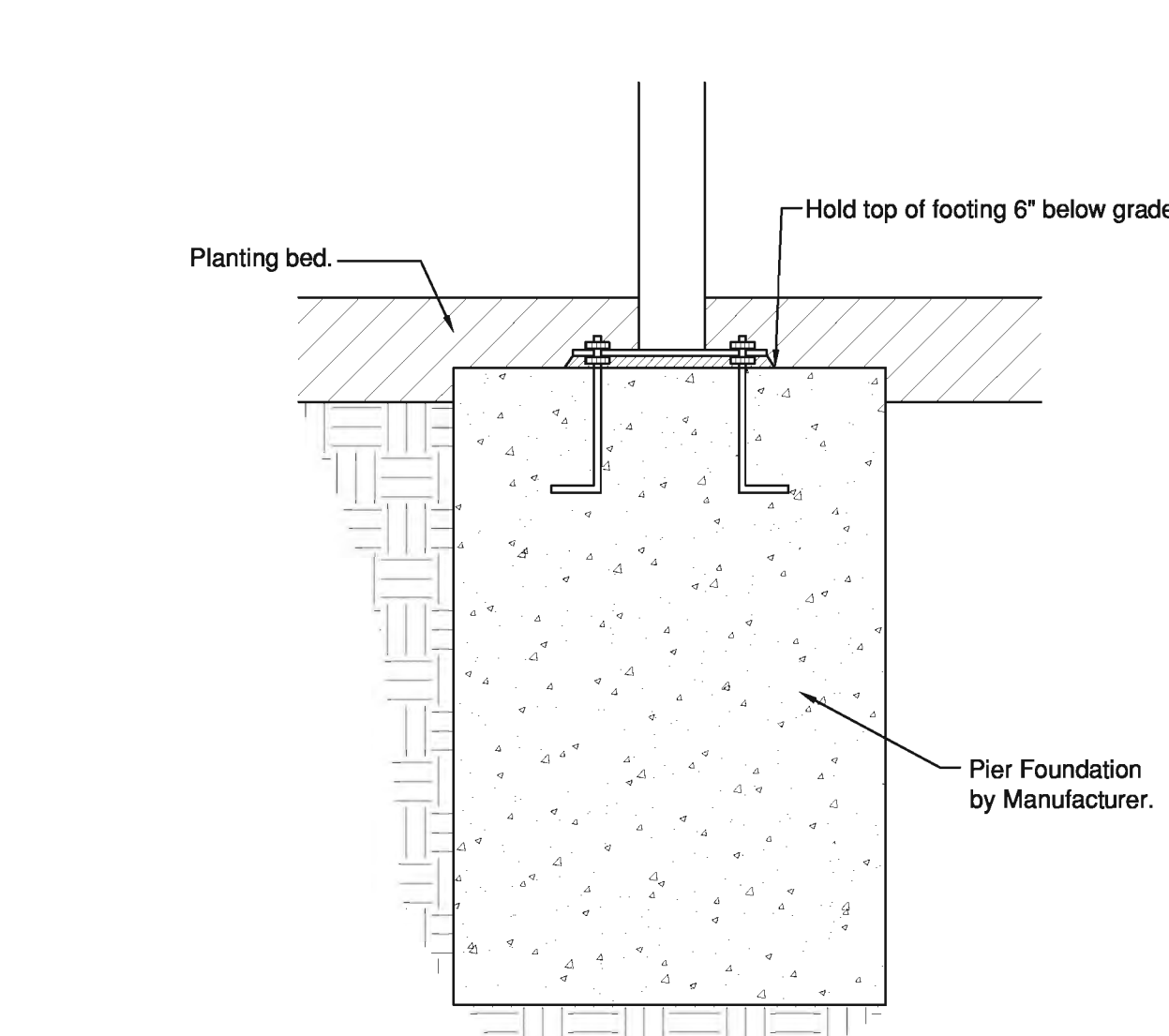
Note: All components manufactured by National Diversified Sales, Inc. (NDS) or approved equal



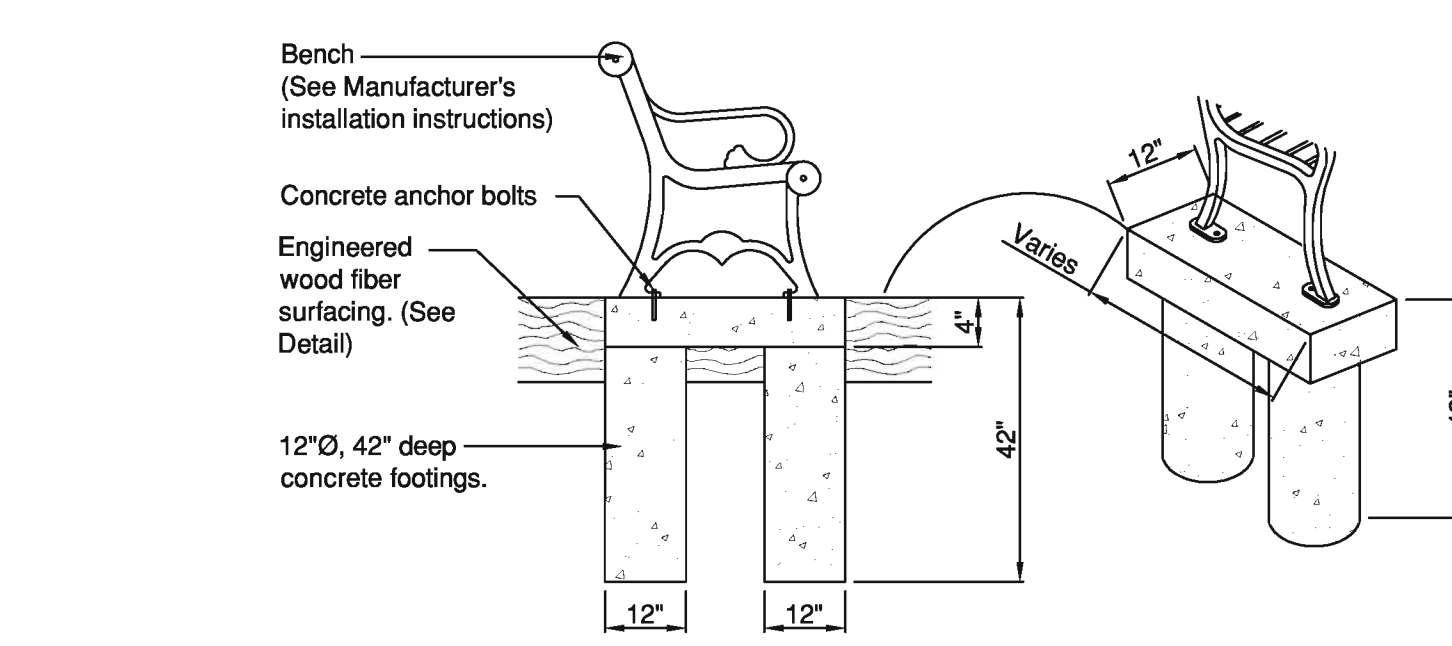
**7 Wood Fiber Safety Surfacing**  
(By Owner) Not to Scale



**8 Entry Feature & Shelter Footings**  
(By Owner) Not to Scale

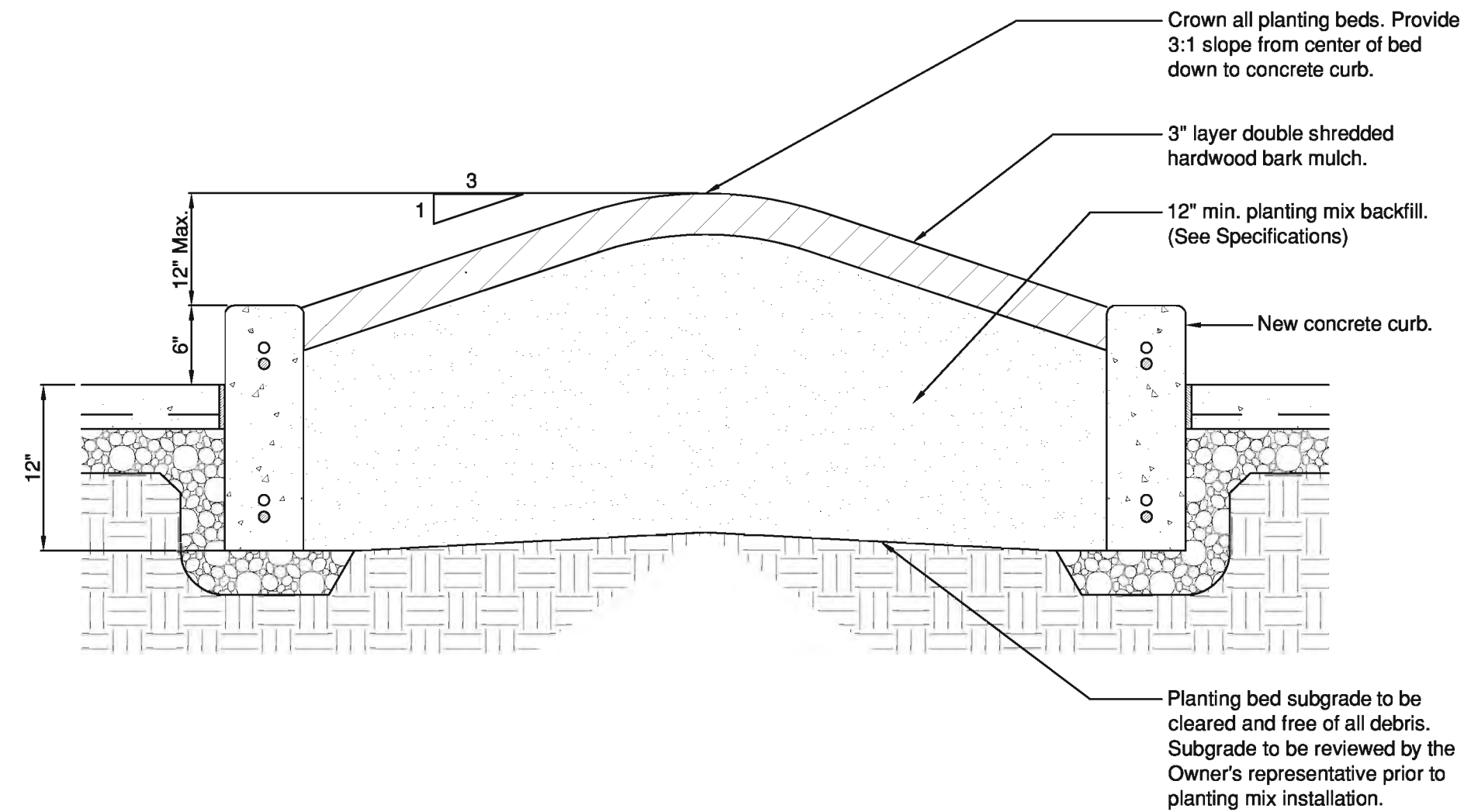


**9 Music Note Sculpture Footing**  
(By Owner) Not to Scale



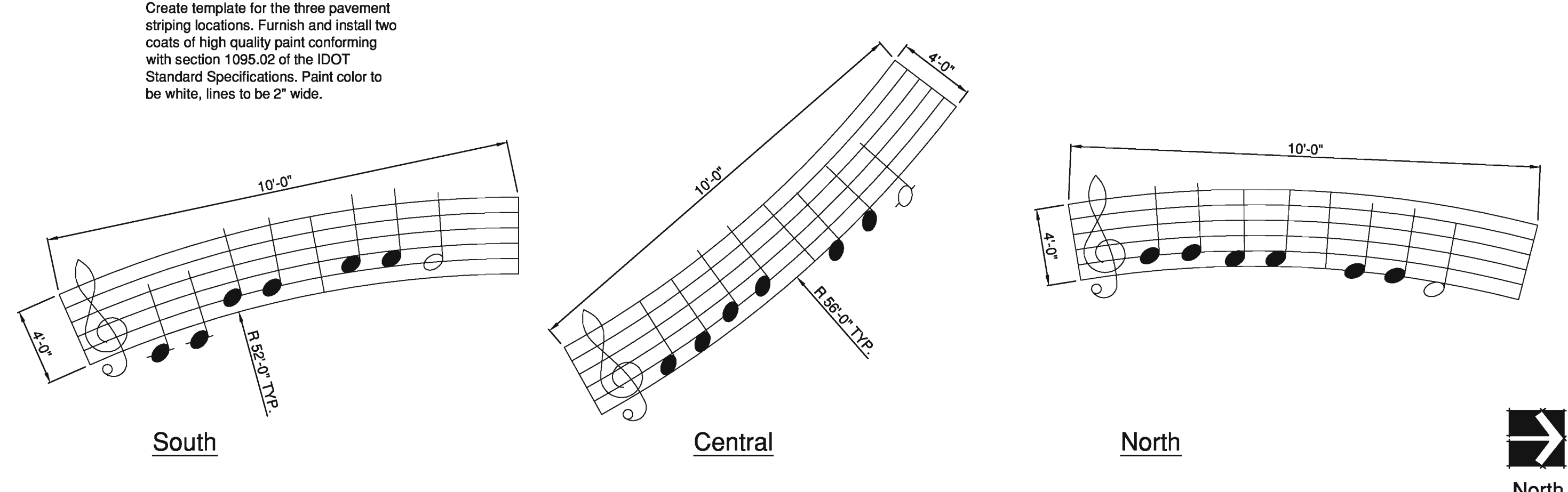
**10 Bench Installation in Play Area**  
(By Owner) Not to Scale

| Issues & Revisions | Date     | Description | Issue for Bid |
|--------------------|----------|-------------|---------------|
| 1                  | 10/02/12 |             |               |



1 6" x 18" Concrete Planter

Not to Scale

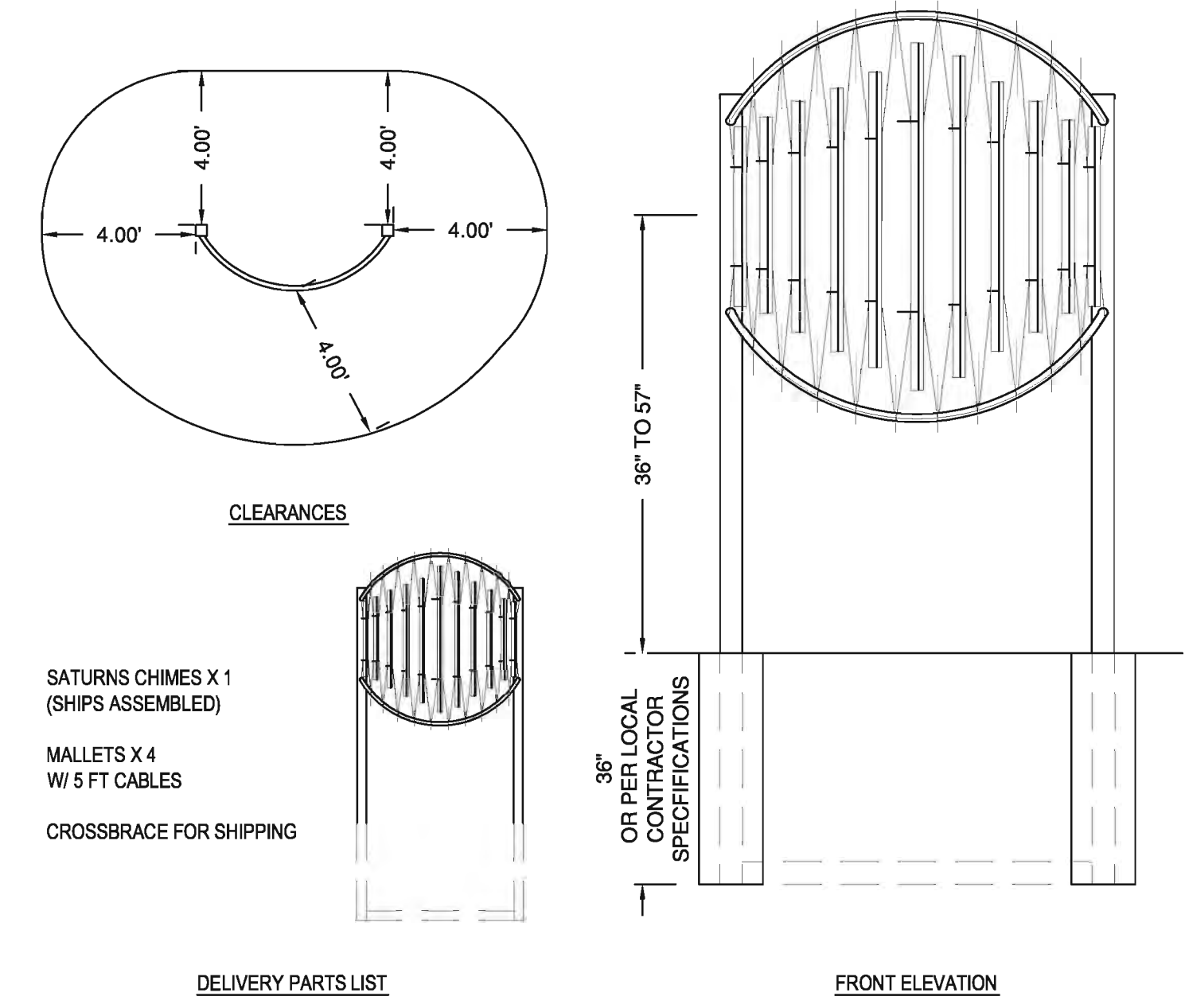


2 Pavement Striping

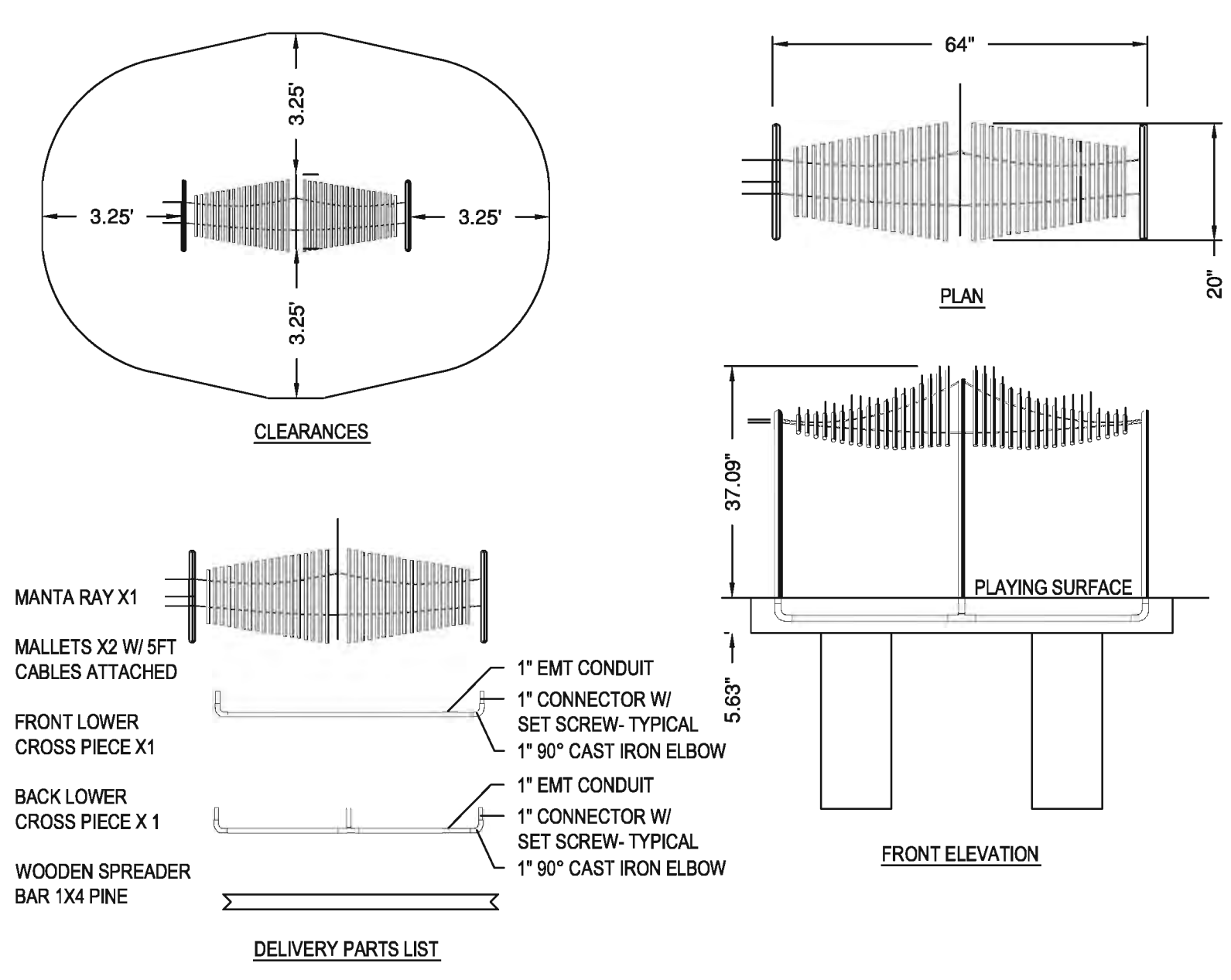
Not to Scale



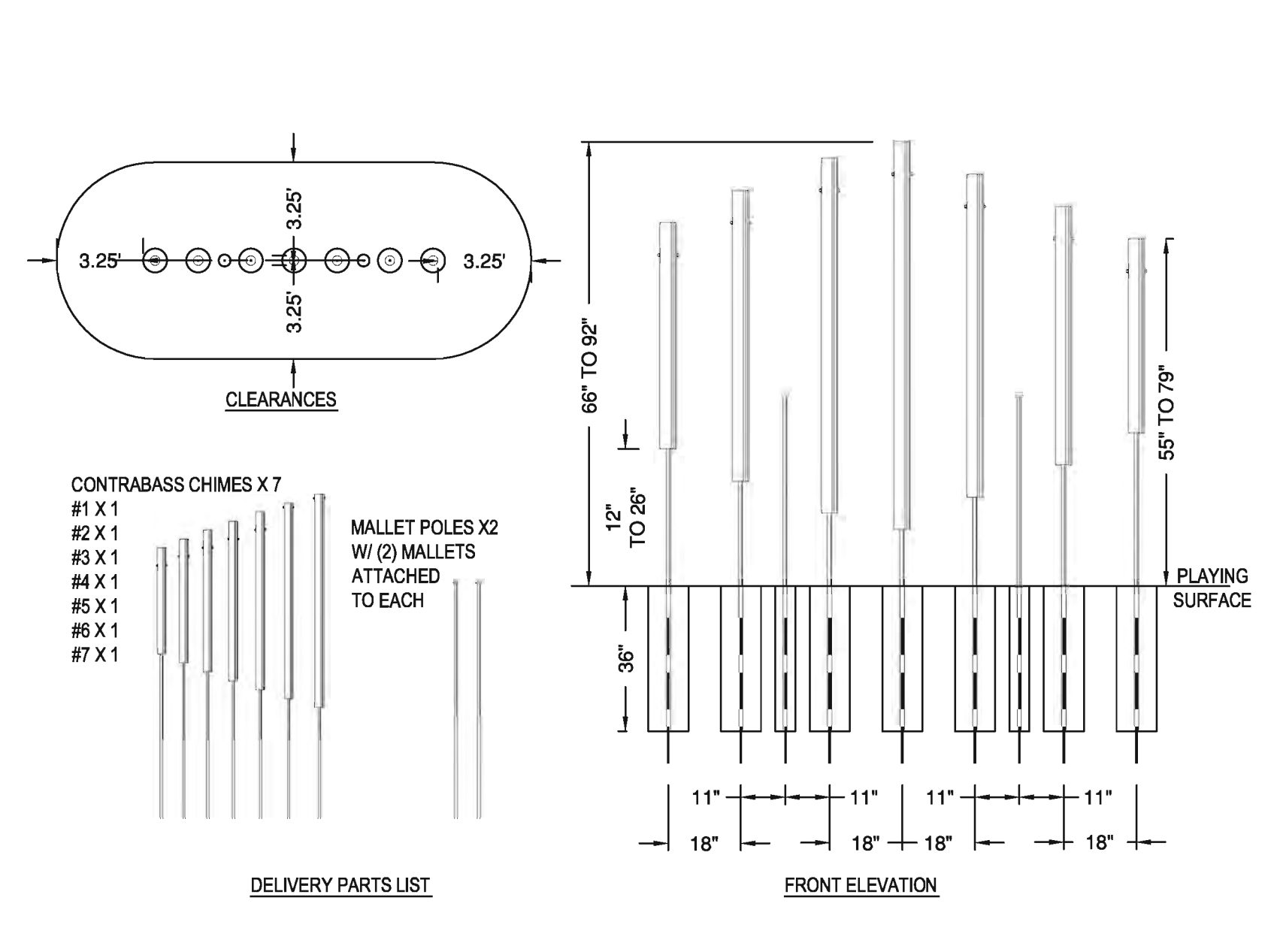
FREENOTES HARMONY PARK  
140 BAKER LANE  
DURANGO, CO 81303  
PHONE: (970) 375-7825  
FAX: (970) 247-0856  
www.freenotesharmony.com



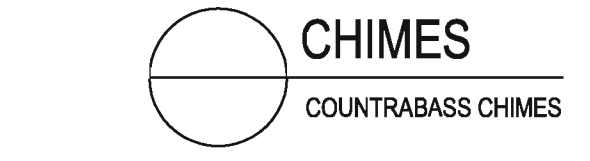
- DELIVERY PARTS LIST**
- SATURN'S CHIMES X 1 (SHIPS ASSEMBLED)
  - MALLETS X 4 W/ 5 FT CABLES
  - CROSSBRACE FOR SHIPPING
- FRONT ELEVATION**
- 36" TO 57"  
OR PER LOCAL CONTRACTOR SPECIFICATIONS



- DELIVERY PARTS LIST**
- MANTA RAY X 1
  - MALLETS X 2 W/ 5 FT CABLES ATTACHED
  - FRONT LOWER CROSS PIECE X 1
  - BACK LOWER CROSS PIECE X 1
  - WOODEN SPREADER BAR 1X4 PINE
  - 1" EMT CONDUIT
  - 1" CONNECTOR W/ SET SCREW-TYPICAL
  - 1" 90° CAST IRON ELBOW
- FRONT ELEVATION**
- 37.00"  
5.65"



- DELIVERY PARTS LIST**
- CONTRABASS CHIMES X 7
  - #1 X 1
  - #2 X 1
  - #3 X 1
  - #4 X 1
  - #5 X 1
  - #6 X 1
  - #7 X 1
  - MALLETS X 2 W/ (2) MALLETS ATTACHED TO EACH
- FRONT ELEVATION**
- 66" TO 92"  
12" TO 26"  
36"  
11" 11" 11" 11"  
18" 18" 18" 18"



3 Musical Instruments

Not to Scale

| Issues & Revisions | # | Date     | Description | Issue for Bid |
|--------------------|---|----------|-------------|---------------|
|                    | 1 | 10/02/12 |             |               |