



Pivot Custom
601 McKinley Ave.
Joplin, MO 64081
800-949-2024

Design #8006
Rhinebeck Skatepark

Cost Quantity Breakdown
Site Plan View

February 14, 2023

PG. 1



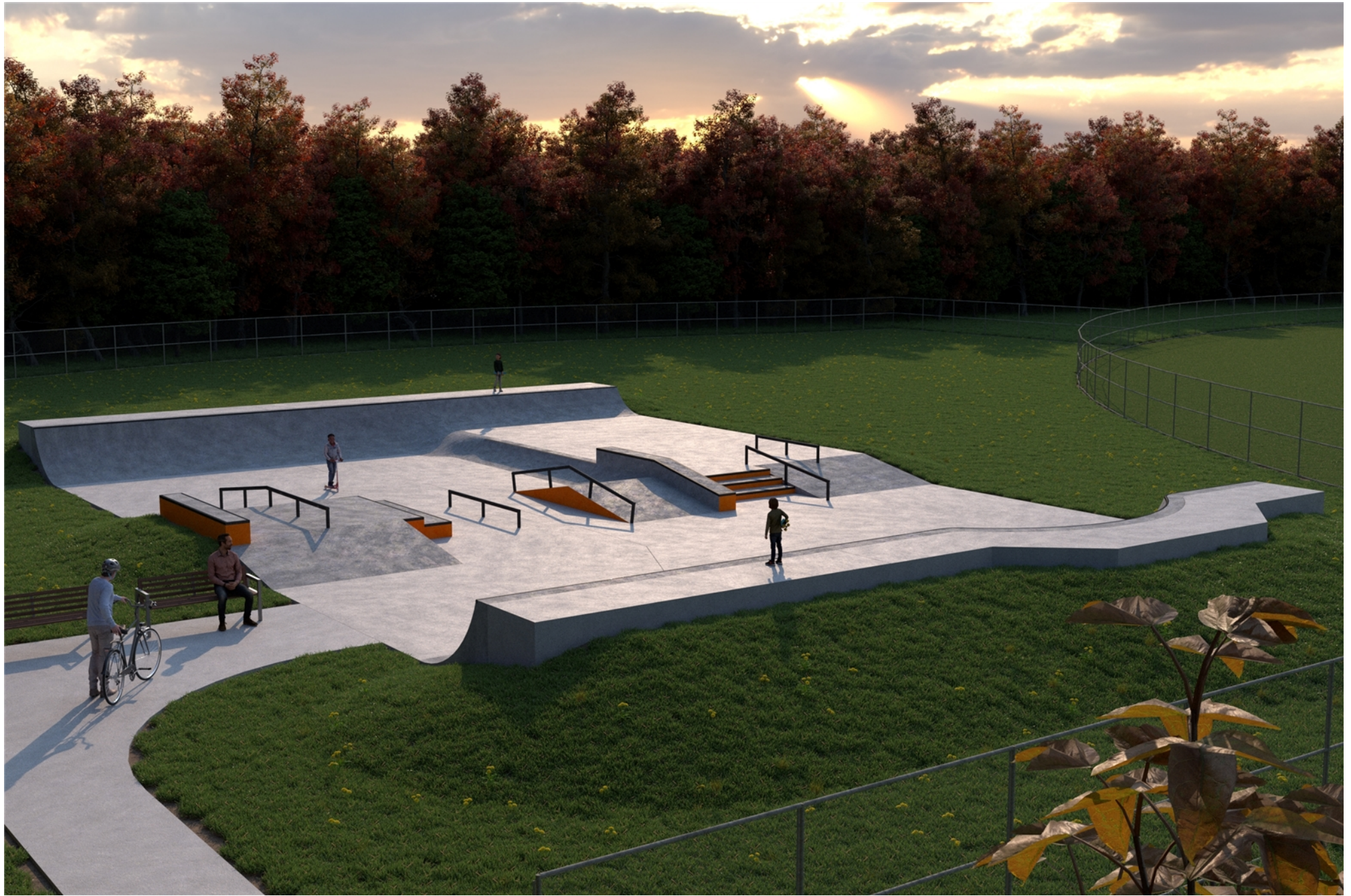
Pivot Custom
601 McKinley Ave.
Joplin, MO 64081
800-949-2024

Design #8006
Rhinebeck Skatepark

Cost Quantity Breakdown
3D Rendering Overview

February 14, 2023

PG. 2



Pivot Custom
601 McKinley Ave.
Joplin, MO 64081
800-949-2024

Design #8006
Rhinebeck Skatepark

Cost Quantity Breakdown
3D Rendering Overview

February 14, 2023

PG. 3



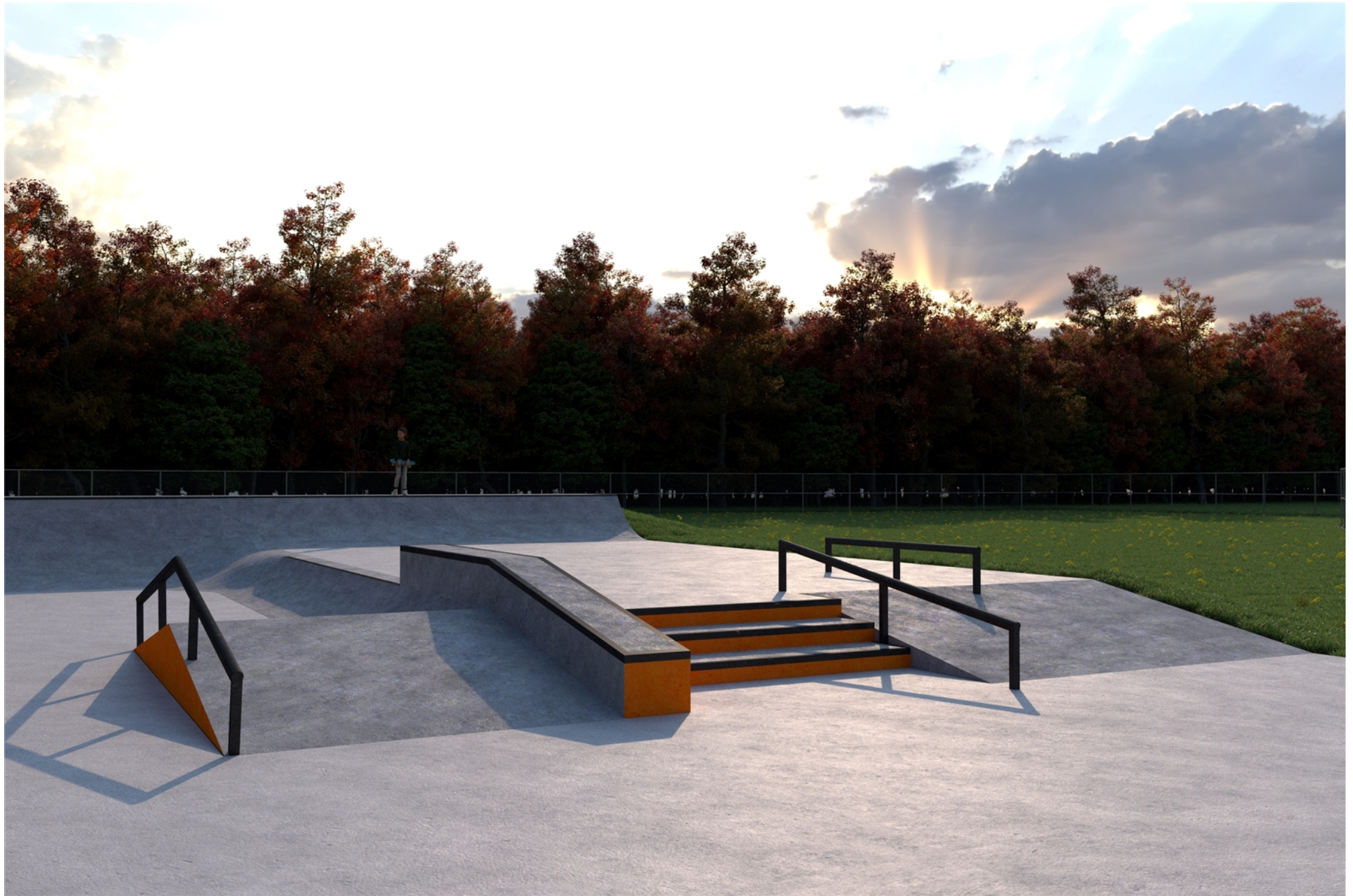
Pivot Custom
601 McKinley Ave.
Joplin, MO 64081
800-949-2024

Design #8006
Rhinebeck Skatepark

Cost Quantity Breakdown
3D Rendering Zoom In

February 14, 2023

PG. 4



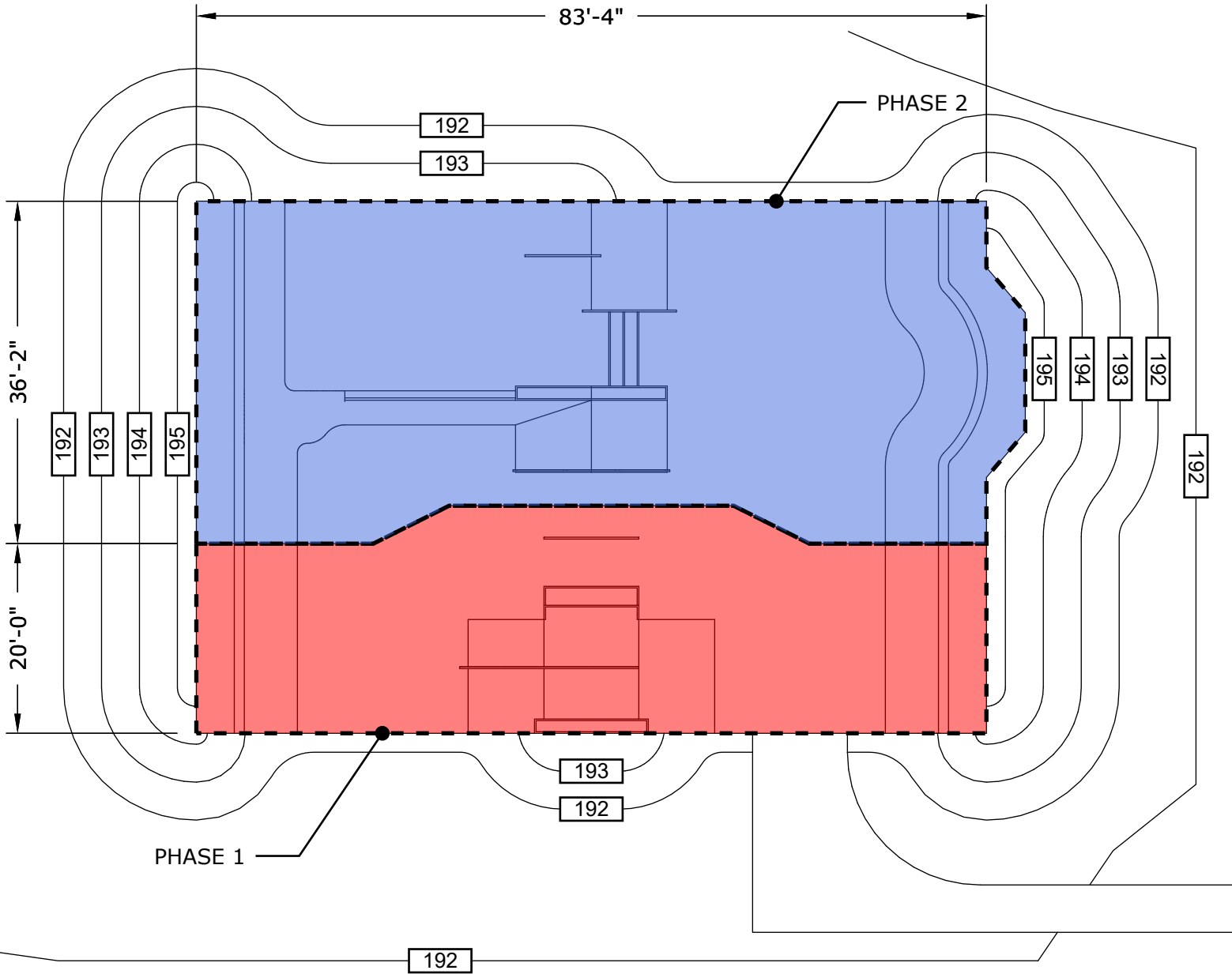
Pivot Custom
601 McKinley Ave.
Joplin, MO 64081
800-949-2024

Design #8006
Rhinebeck Skatepark

Cost Quantity Breakdown
3D Rendering Zoom In

February 14, 2023

PG. 5



Skatepark Engineer's Estimate Phase 1: \$130,000.00

Skatepark Engineer's Estimate Phase 2: 225,000.00

Engineer's Estimate is based on the following assumptions:

Site/Foundation:

- A. Grade area to 6" depth, grubbing, remove dirt, required fill.
- B. Native soil subgrade compacted to 95% standard proctor.
- C. Minimum of 4" thick aggregate base course compacted to 95% standard proctor.
- D. Structural Fill or EPS Foam (Geofoam) for lifts.

Reinforced Concrete Flatwork:

- A. 4" concrete slab
 - a. Min 4000 PSI compressive strength at 28 days.
 - b. #4 steel rebar at 16" O.C. grid unless otherwise specified or determined by geo-technical report.
 - c. All rebar shall be cold bent.
 - d. Air entrainment percentage of 4%-6% unless adjusted because of aggregate size or exposure as per ACI 301 and ASTM C 260.
 - e. 6"x12" perimeter downturn.
 - f. All exposed outside concrete corners shall receive a $\frac{3}{4}$ " chamfer or $\frac{1}{2}$ " tooled radius.
 - g. Concrete finish will be smooth resulting from 2-3 passes with power trowel.
 - h. Saw Cut Joints will be cut at approx. 8'-12' grid spacing day after pour.
 - i. Cold Joints to have waterstop placed prior to final pour of adjacent slab.
 - j. If no geo-technical report is provided, Pivot Custom assumes existing sub-grade has sufficient bearing capacity. If unsuitable soil is found additional costs for over excavation and import fill may apply.

- B. 6" concrete slab
 - a. Min 4000 PSI compressive strength at 28 days.
 - b. #4 steel rebar at 16" O.C. grid unless otherwise specified or determined by geo-technical report.
 - c. All rebar shall be cold bent
 - d. Air entrainment percentage of 4%-6% unless adjusted because of aggregate size or exposure as per ACI 301 and ASTM C 260.
 - e. All exposed outside concrete corners shall receive a $\frac{3}{4}$ " chamfer or $\frac{1}{2}$ " tooled radius.
 - f. Concrete finish will be smooth resulting from 2-3 passes with power trowel.
 - g. Saw Cut Joints will be at approx. 8'-12' grid spacing day after pour.
 - h. Cold Joints to have waterstop placed prior to final pour of adjacent slab.
 - i. If no geo-technical report is provided, Pivot Custom assumes existing sub-grade has sufficient bearing capacity. If unsuitable soil is found additional costs for over excavation and import fill may apply.

EXCLUDES*:

- A. Permits and fees: Any necessary permit(s) will be acquired by others.
- B. Site testing and inspections: concrete cylinders, engineering, surveying, density tests, or other testing services.
- C. Prevailing wages or bonding of any kind.
- D. Utility, mechanical, electrical, plumbing work, relocation or repairs of any kind.
- E. Professional services provided by Architects, Surveyors, Engineers (Civil, Architectural, Electrical, Geo-technical, Industrial, Structural, etc.)
- F. Location specific stamped drawings.
- G. Landscaping, drainage, or site restoration of any kind.
- H. Toxic or hazardous material handling or removal.
- I. Mass excavation or backfill, controlled fill, import or export fill material. Excavation for our scope of work is included.
- J. Pedestrian protection, walkways, dust protection, temporary enclosures, protection of work or adjacent items.
- K. Soil treatment, termite treatment, topsoil, reseeding, hydro seeding, or sod.
- L. Rock excavation, material that cannot be removed with standard shovel or rubber tire backhoe.
- M. Dewatering, silt fence, soil stabilization, erosion control, street cleaning, and traffic control.
- N. Waterproofing, damp-proofing, sealants, epoxies, caulking, hardeners, etc.
- O. Removal and/or replanting of any trees or shrubs.

Reinforced Sculptural Shotcrete:

- A. 6" concrete
 - a. Min 4000 PSI compressive strength.
 - b. #3 rebar steel reinforcing at 12" O.C. grid unless otherwise specified or determined by geo-technical report.
 - c. All rebar shall be cold bent
 - d. Air entrainment percentage of 4%-6% unless adjusted because of aggregate size or exposure as per ACI 301 and ASTM C 260.
 - e. All exposed outside concrete corners shall receive a $\frac{1}{2}$ " chamfer or $\frac{1}{2}$ " tooled radius.
 - f. Shotcrete finish will be smooth resulting from hand trowel unless otherwise noted.
 - g. Sawcuts will be cut at approx. 8'-12' spacing day after pour.
 - h. Cold Joints

CUSTOMER PROVIDES*:

- A. Sufficient water, light, and electrical power within 50 feet of work areas.
- B. Unobstructed, safe, and continuous access to work area with heavy equipment. All weather roads for heavy equipment.
- C. Site Security (any vandalism or destruction that should occur from insufficient security shall be the responsibility of the client.)
- D. Protection of underground utilities in the area of the construction.
- E. Any site specific information in a digital format (topography, drainage, structures, obstructions, etc.)
- F. Current field survey locating all above- and below- ground utilities, appurtenances, structures, and easements. If a current survey does not exist it shall be the responsibility of the Client to coordinate the on-site mapping and development of a topographic map showing site contour with spot elevations that do not exceed 1' elevation intervals in a DWG format or other AutoCAD usable format.

