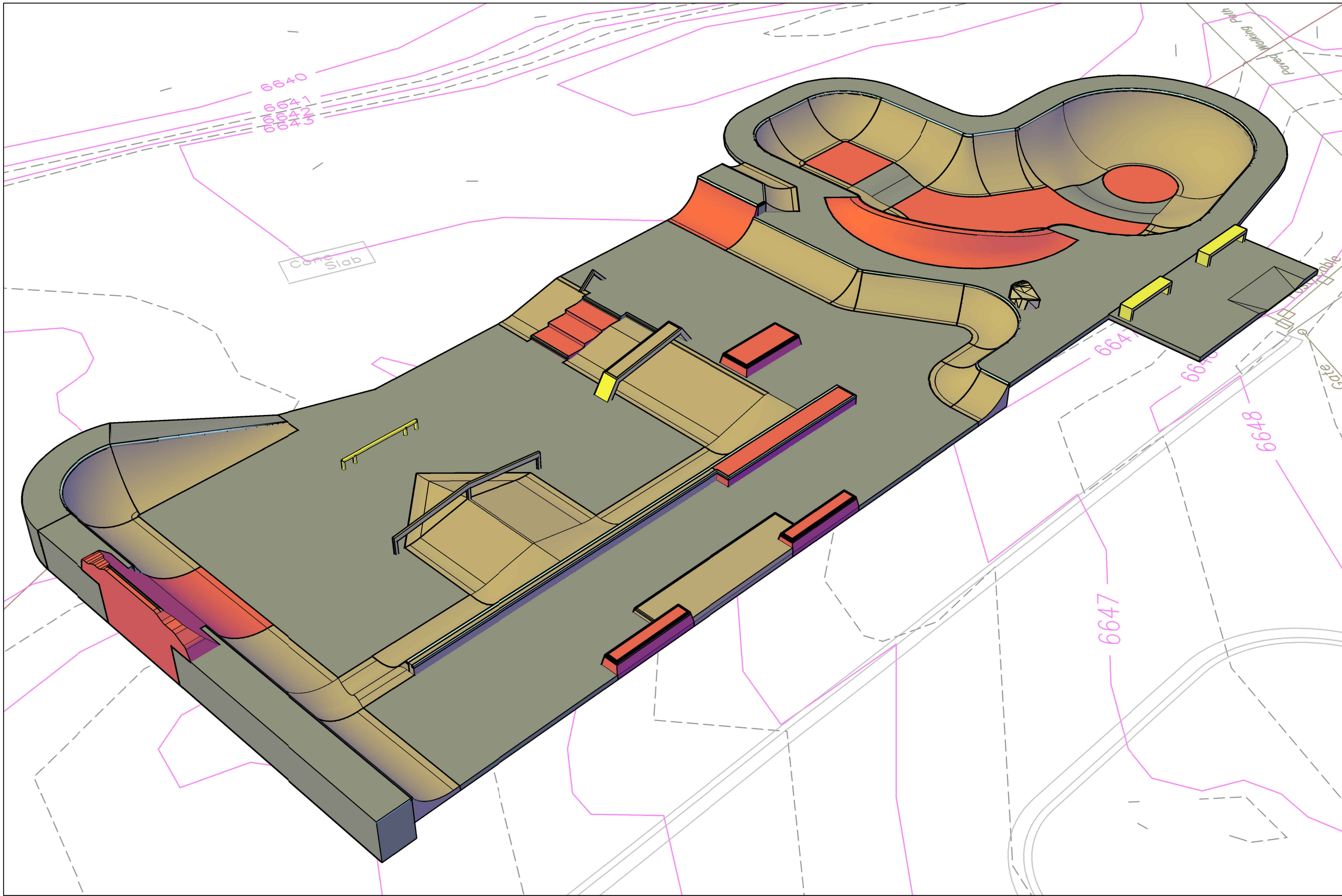
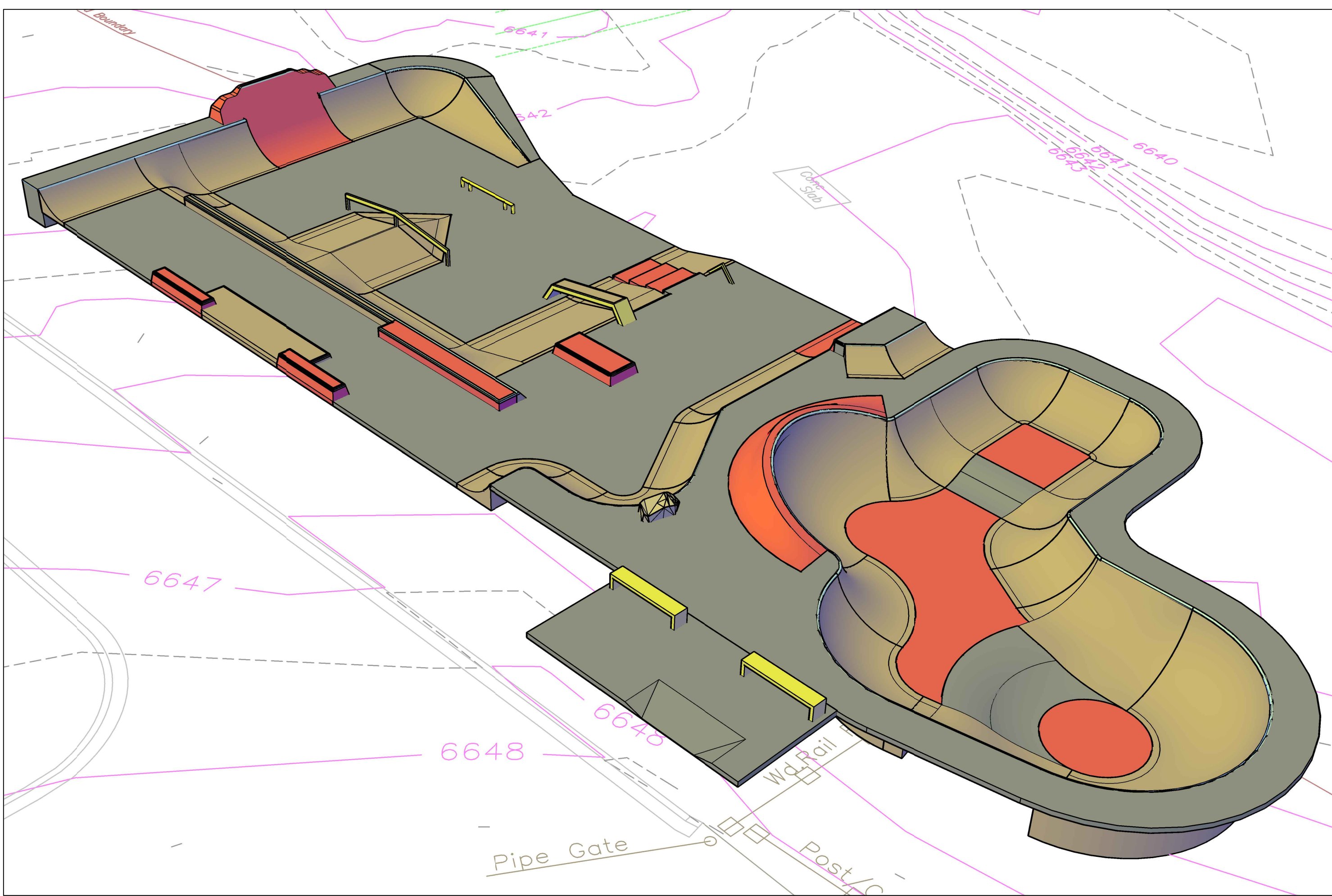






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OFFICE (626) 330-8803 · FAX (626) 330-5503

PROJECT TITLE

GENOVEVA CHAVEZ SKATEPARK

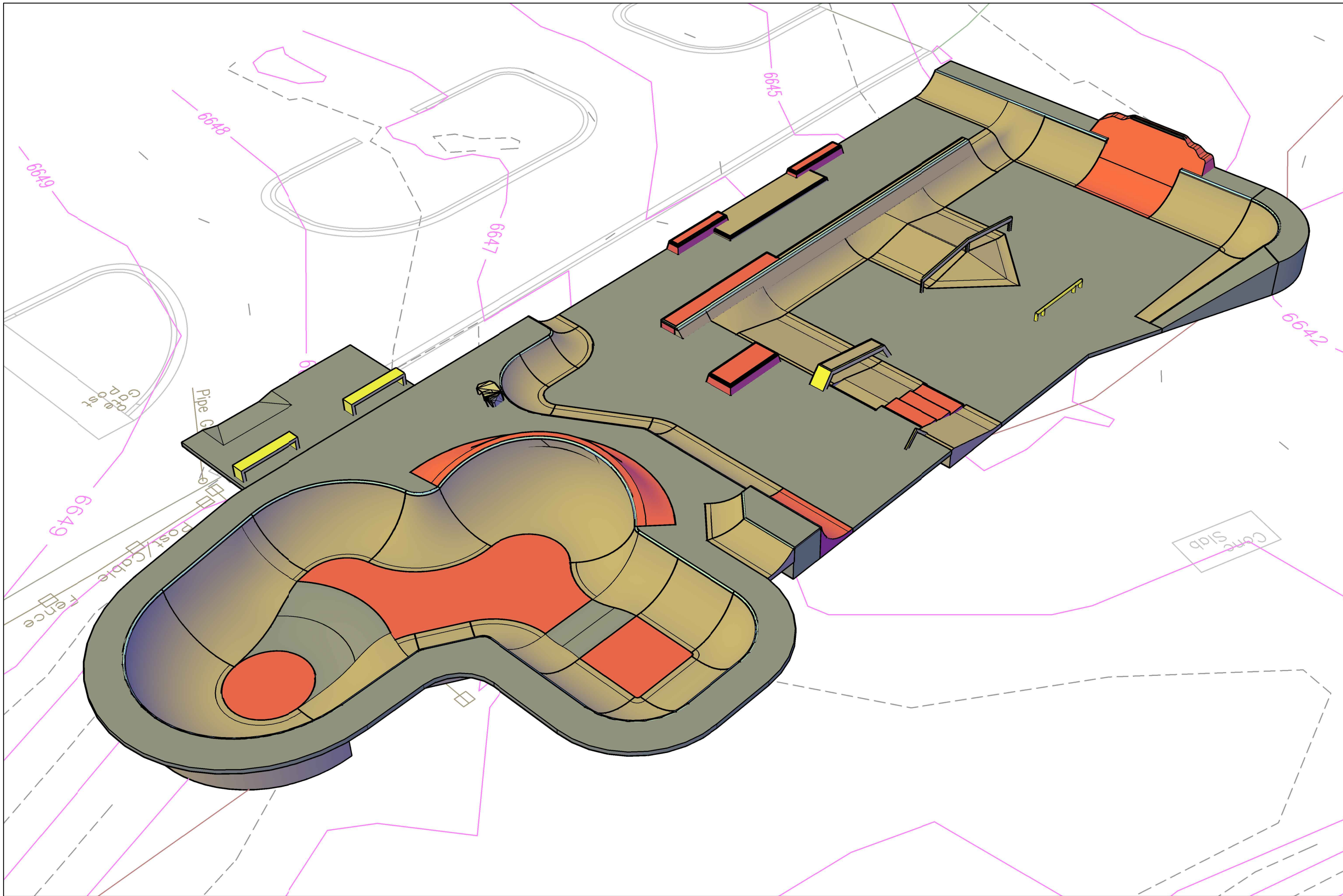
SHEET TITLE

3D PERSPECTIVE

SHEET NO.

X

OF XX



PROJECT TITLE

GENOVEVA CHAVEZ SKATEPARK

SHEET TITLE

3D PERSPECTIVE

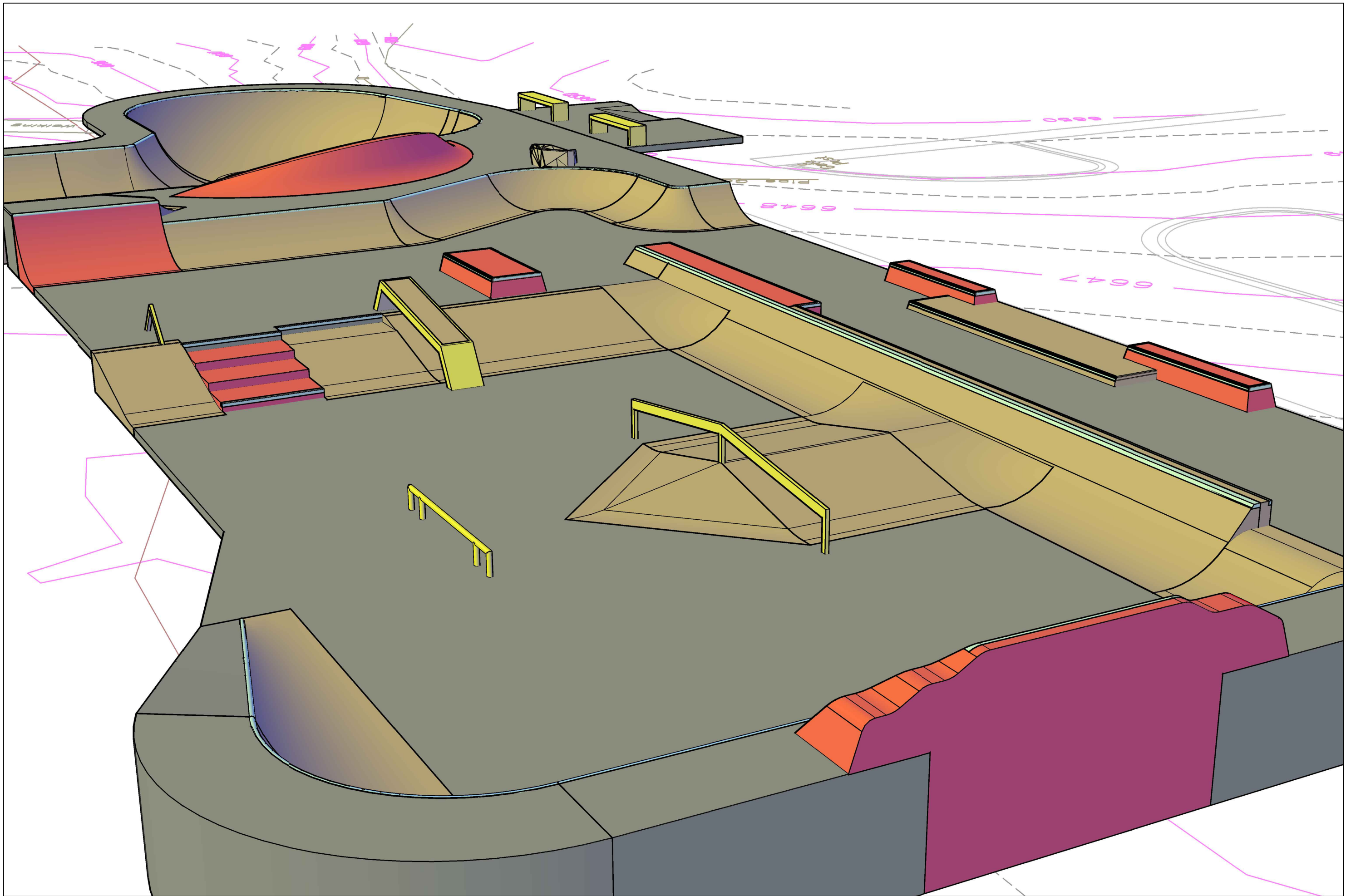
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OF XX

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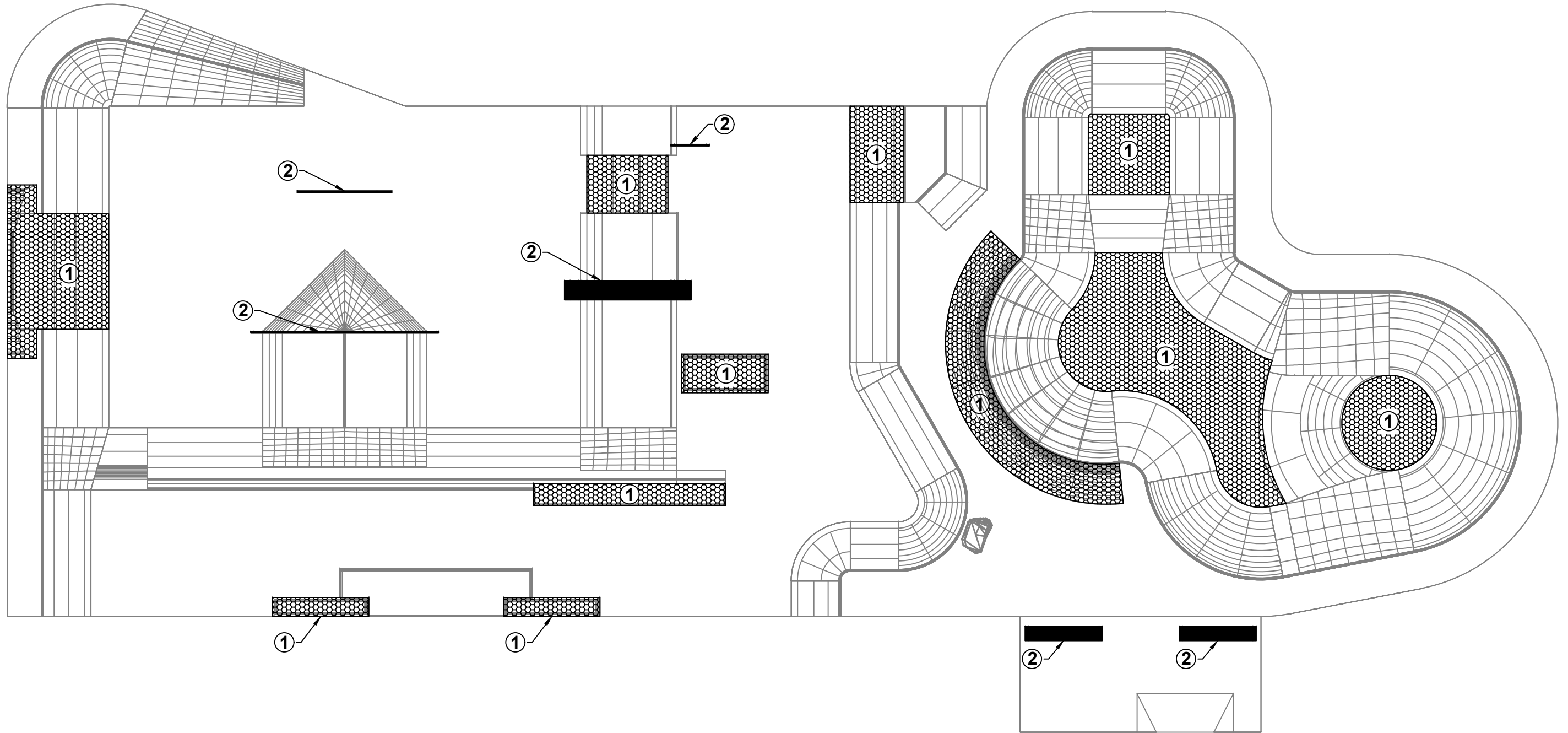
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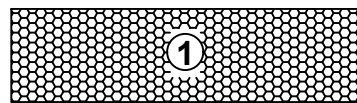
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GENOVEVA CHAVEZ SKATEPARK

SHEET TITLE
3D PERSPECTIVE

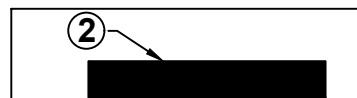
SHEET NO.
X
OF XX



COLOR LEGEND



COLORED POURED IN PLACE CONCRETE. COLOR TO BE DETERMINED. ALL OTHER POURED IN PLACE CONCRETE TO BE NATURAL GRAY CONCRETE. COLORED CONCRETE COLOR AVAILABLE FROM DAVIS COLORS 1-800-356-4848 OR SIMILAR.



POWDER COATED STEEL GRIND RAILS AND PAN STYLE LEDGES. COLOR TO BE DETERMINED. ALL OTHER STEEL TO BE NATURAL SILVER GALVANIZED.

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PROJECT TITLE

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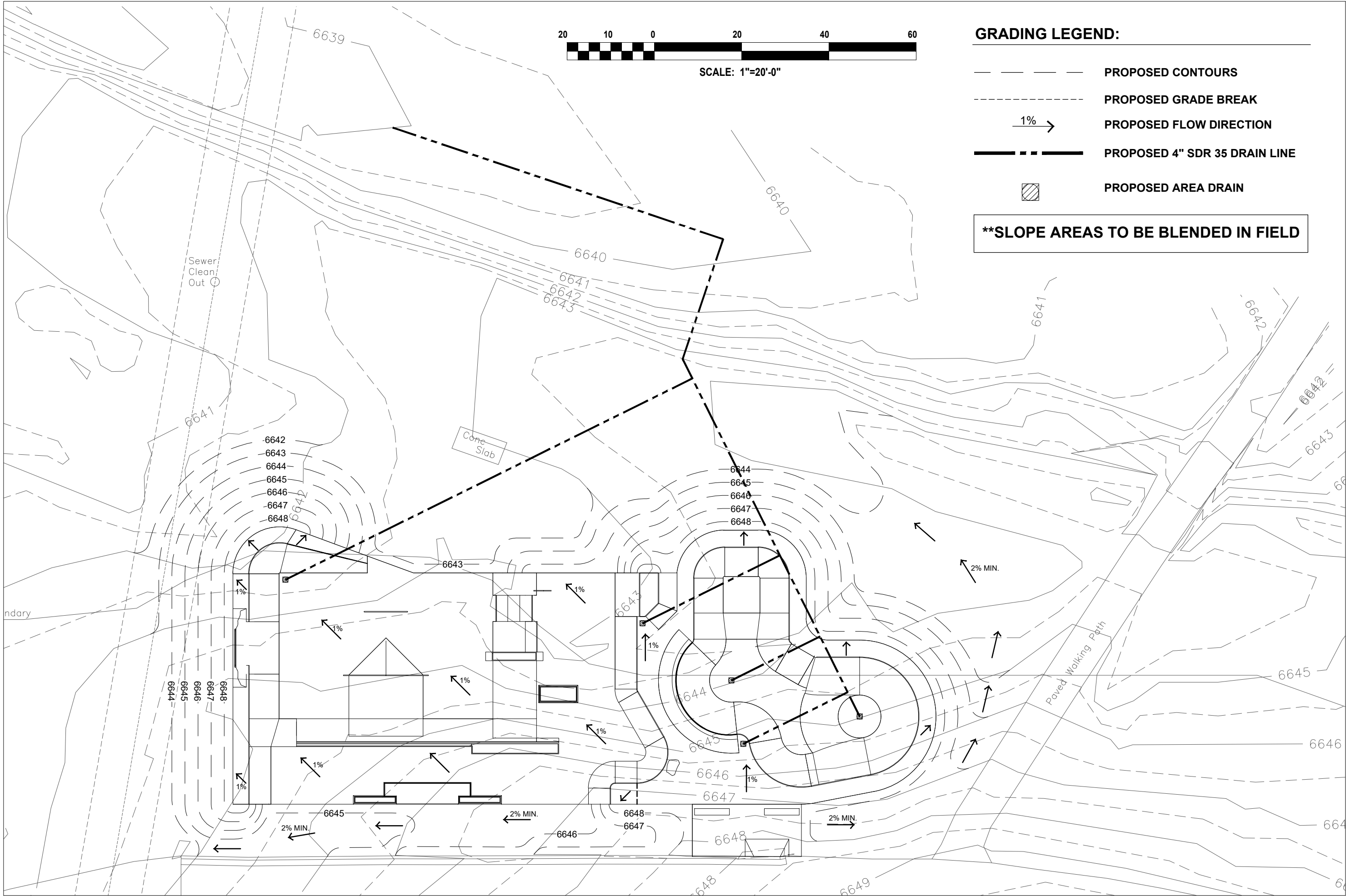
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COLOR PLAN

SHEET NO.

X

OF XX

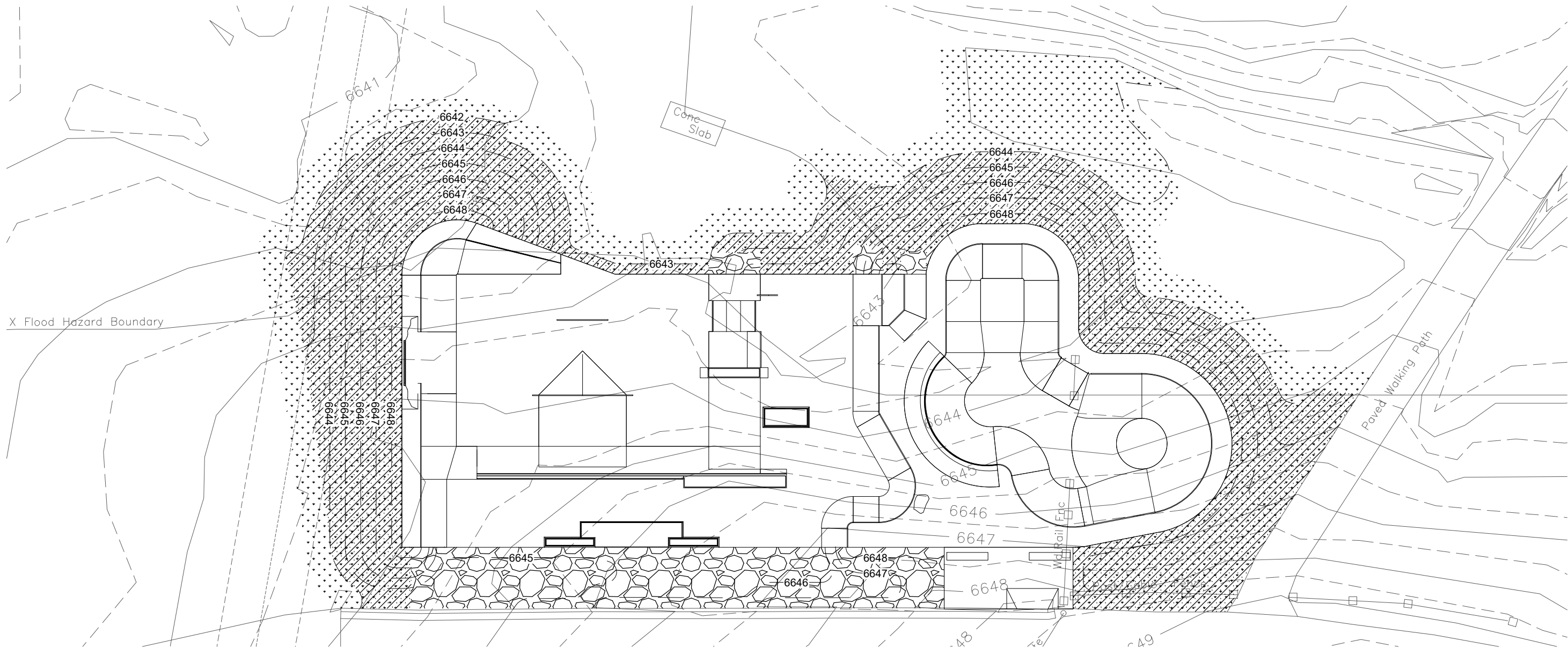


GRADING LEGEND:

- PROPOSED CONTOURS
- - - - PROPOSED GRADE BREAK
- 1% → PROPOSED FLOW DIRECTION
- . - . - PROPOSED 4" SDR 35 DRAIN LINE
- ▨ PROPOSED AREA DRAIN

****SLOPE AREAS TO BE BLENDED IN FIELD**

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LANDSCAPE LEGEND

- 1

TURF - SEED MIX TO BE: SANTA FE RE-VEGETATION BLEND
REFER TO GRADING PLAN FOR ELEVATIONS. SEE CITY STANDARD SEED MIX SPECIFICATIONS.
- 2

TURF ON SLOPE - SEED MIX TO BE: SANTA FE RE-VEGETATION BLEND
REFER TO GRADING PLAN FOR ELEVATIONS. COVER NEWLY LAID SEED WITH STRAW MULCH 1" THICK (AVERAGE). SEE THAT SEED IS TO REMAIN ON SLOPED BERMS.
SEE CITY STANDARD SEED MIX SPECIFICATIONS.
- 3

SANTA FE CLASSIC ROCK

— 6645 — PROPOSED CONTOURS

- NOTE:**
- A.

SEEDING OPERATIONS SHOULD BE PERFORMED DURING FAVORABLE WEATHER CONDITIONS.
- B.

WATER TREATED AREAS AFTER SEED AND STRAW MULCH ARE PLACED. DO NOT OVER WATER CAUSING RUNOFF THAT WILL WASH MATERIALS AWAY.
- C.

GENERAL CONTRACTOR SHALL CONSTRUCT BERMS FOR BUILDING & LANDSCAPE PREPARATION. CITY/OWNER SHALL BE RESPONSIBLE FOR ALL NEW IRRIGATION WITHIN THE PARK PERIMETER.



PROJECT TITLE

GENOVEVA CHAVEZ SKATEPARK

SHEET TITLE

PRELIMINARY LANDSCAPE PLAN

SHEET NO.

7

OF 7

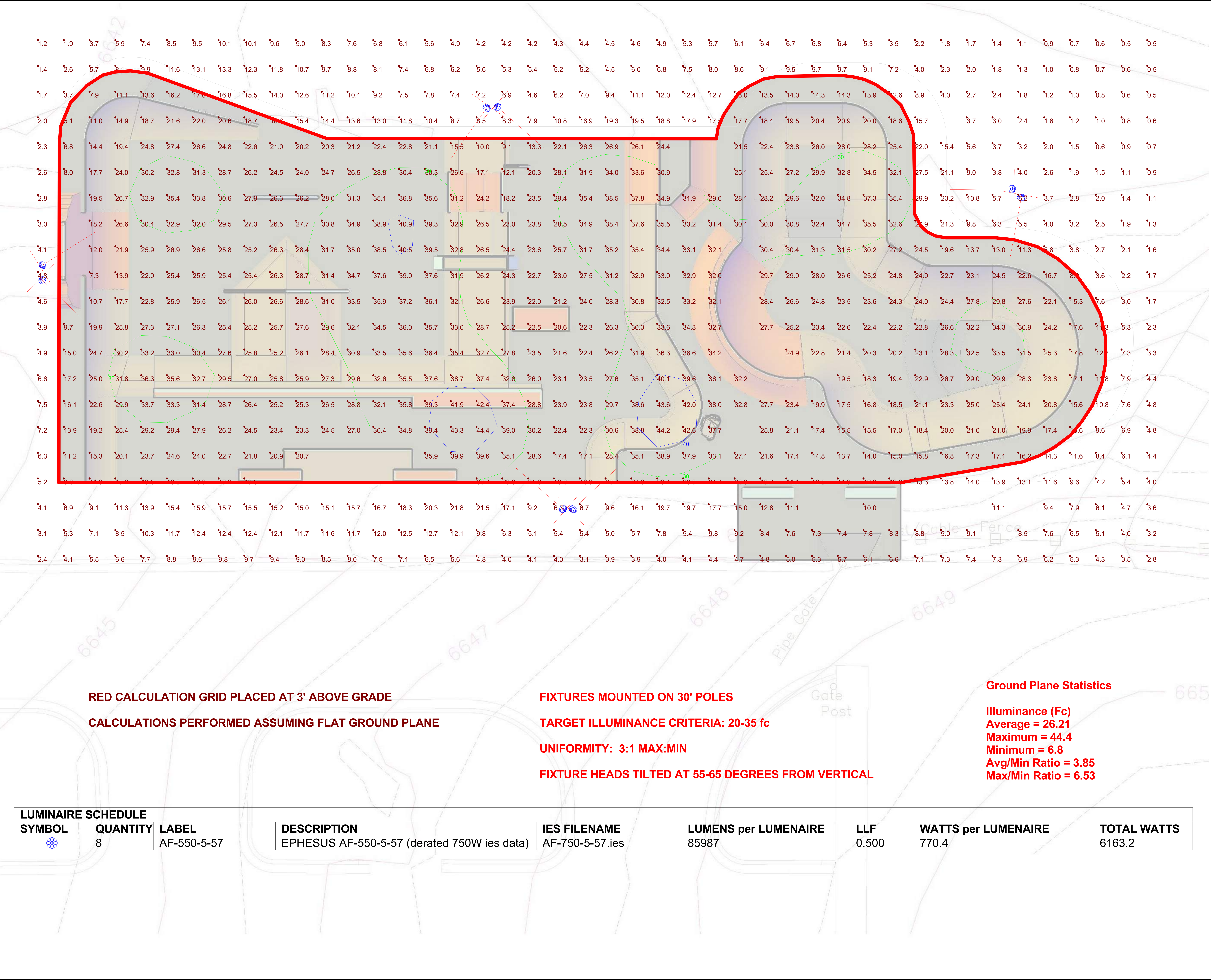
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RED CALCULATION GRID PLACED AT 3' ABOVE GRADE

CALCULATIONS PERFORMED ASSUMING FLAT GROUND PLANE

FIXTURES MOUNTED ON 30' POLES

TARGET ILLUMINANCE CRITERIA: 20-35 fc

UNIFORMITY: 3:1 MAX:MIN

FIXTURE HEADS TILTED AT 55-65 DEGREES FROM VERTICAL

Ground Plane Statistics

Illuminance (Fc)
Average = 26.21
Maximum = 44.4
Minimum = 6.8
Avg/Min Ratio = 3.85
Max/Min Ratio = 6.53

LUMINAIRE SCHEDULE

SYMBOL	QUANTITY	LABEL	DESCRIPTION	IES FILENAME	LUMENS per LUMENAIRE	LLF	WATTS per LUMENAIRE	TOTAL WATTS
	8	AF-550-5-57	EPHESUS AF-550-5-57 (derated 750W ies data)	AF-750-5-57.ies	85987	0.500	770.4	6163.2

DISCLAIMER: THESE CALCULATIONS ARE TO BE USED FOR PLANNING PURPOSES ONLY AND DO NOT CONSTITUTE SPECIFICATION, ORDERING OR CONSTRUCTION DOCUMENTS IN ANY WAY. THESE CALCULATIONS ARE BASED ON THE ASSUMPTIONS AND CONDITIONS LISTED ON THE PROJECT DATA SHEET. THERE MAY BE DIFFERENCES BETWEEN MEASURED VALUES AND CALCULATED VALUES. THE USER SHALL BE RESPONSIBLE FOR VERIFYING FIELD CONDITIONS DEVIATE FROM THE INPUT DATA. THESE CONDITIONS INCLUDE LUMINAIRE POSITIONS, SURFACE REFLECTANCES, ARCHITECTURAL EQUIPMENT TOLERANCES. ALL LAMPS USED IN THIS CALCULATION ARE PER LAMP MANUFACTURER'S PUBLISHED DATA.

SANTA FE SKATE PARK
4-POLE / 18-HEAD DESIGN

Project Title:

SSI File #F18003

Date/Description:
2/13/2017 2 heads per pole

Revisions

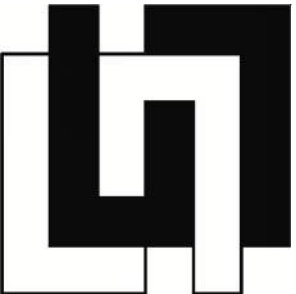
Version 6.0 (Ground Plane Stats)

Designed by: K. Ellington

Date: 2/13/2017

Scale: NTS

Page # 1 of 1

**SCHROEDER SALES**
215 Gold Street SW
Albuquerque, NM 87102
(505) 764-1850



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CONSTRUCTION COST ESTIMATE
GENOVEVA CHAVEZ SKATEPARK – CITY OF SANTA FE
FEBRUARY 13, 2017

ITEM	QUANTITY	ESTIMATED COST
DESIGN		
SITE SURVEY	1 (LUMP SUM)	\$3,100.00
GEOTECHNICAL INVESTIGATION	1 (LUMP SUM)	\$5,200.00
DESIGN WORKSHOPS, DESIGN DEVELOPMENT & CONSTRUCTION DOCUMENTS	1 (LUMP SUM)	\$20,000.00
ENGINEERING & LANDSCAPE ARCHITECTURE	1 (LUMP SUM)	\$10,000.00
GENERAL CONSTRUCTION REQUIREMENTS		
TOOL, EQUIPMENT & CREW MOBILIZATION	1 (LUMP SUM)	\$15,000.00
CREW LODGING	3 MONTHS	\$25,000.00
TEMP. CONSTRUCTION FENCE	700 LF	\$2,300.00
TEMP FACILITIES (RESTROOM, DUMPSTER, ETC.)	3 MONTHS	\$5,000.00
SITE STAKING & LAYOUT	1 (LUMP SUM)	\$1,800.00
EARTHWORK		
CLEARING, GRUBBING & DEMO	10,000 SF	\$5,000.00
SOIL REMEDIATION (1' OVER-EX, SCARIFY, MOISTURE-CONDITION & COMPACT)	10,000 SF	\$7,900.00
ROUGH GRADING	11,500 SF	\$12,535.00
BOWL EXCAVATION	1,800 SF	\$7,596.00
GRADING/SHAPING FOR >2.5' SKATE ELEMENTS	2,695 SF	\$11,450.00
GRADING/SHAPING FOR <2.5' SKATE ELEMENTS	538 SF	\$1,440.00
GRADING/SHAPING FOR BERMS	2,450 SF	\$3,675.00
DRAINAGE		
DRAIN LINE TRENCHING & SDR-35 DRAIN LINE	325 LF	\$8,125.00
5" ZURN FLOOR DRAIN	5	\$415.00
MISC. DRAINAGE FITTINGS & SUPPLIES	1 (LUMP SUM)	\$400.00
CONCRETE		
SHOTCRETE	2,695 SF	\$140,140.00
CONCRETE BANKS	463 SF	\$9,815.00
CONCRETE BENCHES, LEDGES & MANUAL PADS	178 CF	\$9,000.00
CONCRETE STAIRS	75 SF	\$4,250.00
CONCRETE TURNDOWN WALLS	76 SF	\$2,350.00
CONCRETE FLATWORK	5,125 SF	\$51,250.00
INTEGRAL COLOR	35 CY	\$6,825.00
SAW-CUT & EXPANSION JOINTS	800 LF	\$9,600.00
STEEL FABRICATION		
HOT-DIP GALVANIZED STEEL GRIND RAILS	2	\$2,200.00
HOT-DIP GALVANIZED STEEL 2-WAY POLE JAM	1	\$665.00
HOT-DIP GALVANIZED STEEL COPING	335 LF	\$13,182.00
HOT-DIP GALVANIZED STEEL EDGE PROTECTION	252 LF	\$9,828.00
FIELD WELDING	1 (LUMP SUM)	\$3,000.00
CNC-CUT SCREEDS	1 (LUMP SUM)	\$2,000.00
LIGHTING		
LIGHTS (EPHESUS ALL FIELD 550 LED)	8 LIGHTS	\$16,680.00
LIGHT POLES (SHAKESPEARE COMPOSITE DIRECT BURIAL POLES)	4 POLES	\$13,000.00
LIGHTING INSTALLATION	1 (LUMP SUM)	\$18,722.00
MISCELLANEOUS COMPONENTS – CONTROLLER, TIMER, SUB-PANEL, ETC.	1 (LUMP SUM)	\$8,310.00



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ITEM	QUANTITY	ESTIMATED COST
LANDSCAPING		
SANTA FE CLASSIC ROCK	1,200 SF	\$4,000.00
SANTA FE RE-VEGETATION SEED BLEND	5,500 SF	\$1,500.00
MISCELLANEOUS		
GROSS RECEIPTS TAX	1 (LUMP SUM)	\$40,000.00
PERFORMANCE/PAYMENT BOND	1 (LUMP SUM)	\$10,000.00
TOTAL ESTIMATED COST		\$522,253.00

ASSUMPTIONS:

- Owner to provide temporary access to water source within 150' of skatepark construction site
- Owner to deliver approximately 450 CY of fill material to the skatepark construction site
- Estimate does not include 3rd party testing
- Estimate does not include any work not expressly described above