

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_BUCH 1B

3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

KAPITEL 3_BUCH 1B | 3D BESTANDSVERMESSUNG
UND FOTODOKUMENTATION

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Wissenschaftliche Bestandsanalyse des Wiener Ernst Happel Stadions

IMPRESSUM

Herausgeber

„Wissenschaftliche Bestandsanalyse – Das Wiener Praterstadion - Ernst Happel Stadion“:
Wiener Sportstätten Betriebsgesellschaft mbH, architektonische und technische Leitung
Mag. Georg Driendl
Wien, Jänner 2024

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INHALT:

Vorwort und Beschreibung der Bestandsanalyse - Zielsetzung, Methode, Dokumentation, Ausblick.

KAPITEL 1 historische Entwicklung

Vorwort - Beschreibende Kurzübersicht der ursprünglichen Zielsetzungen und der Nutzungsgeschichte

KAPITEL 2 Archivmaterial inkl. Quellen und Bezüge

Vorwort - Sammlung und Digitalisierung aller Pläne und Unterlagen aus dem Archiv der Wiener Sportstätten Betriebsgesellschaft mbH., Sport Wien und der Baubehörde. Eine Anfrage an das Südwestdeutsche Archiv für Architektur und Ingenieurbau bezüglich des Nachlass Otto Ernst Schweizers wurde verschickt, die Pläne sind digital nicht verfügbar.

KAPITEL 3 3D Bestandsvermessung und Fotodokumentation

Vorwort - Beschreibung der vermessungstechnischen Bestandserfassung mittels Laserscan

KAPITEL 4 Reverse Engineering (3D Modell)

Vorwort - Reverse Engineering; Beschreibung der Herstellung eines digitalen 3D Modells auf Basis der Ausführungspläne des Archivs der Wiener Sportstätten Betriebsgesellschaft mbH, Sport Wien sowie der Baubehörde und die zugehörige integrierte Verknüpfung (Navigation)

KAPITEL 5 Anpassung zur Fortnutzung/Instrumentarium "Digitaler Zwilling"

Vorwort - Beschreibung, wie anstehende Maßnahmen zur Instandhaltung und Kontrollüberprüfung, sowie Entwicklungspotentiale für künftige Nutzungen und Adaptierungen im Hypermodell, vorab erkannt, dargestellt, approbiert, visualisiert, berechnet und dann operativ ein und/oder umgesetzt werden können.

ANNEX Quellenangaben und Glossar

Auswahl und Auflistung der Bezugsquellen und verwendeten Programme; Glossar

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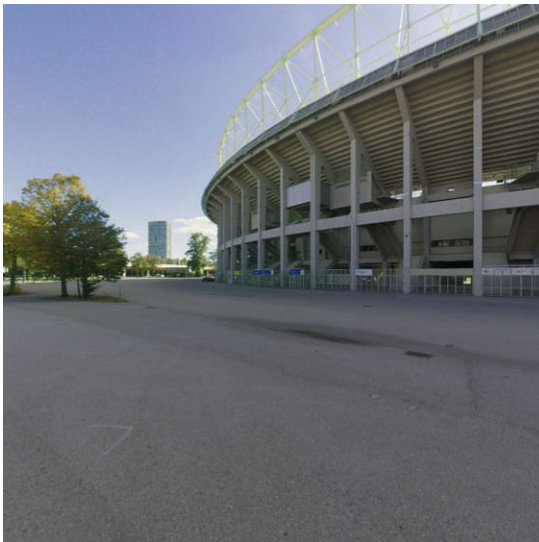
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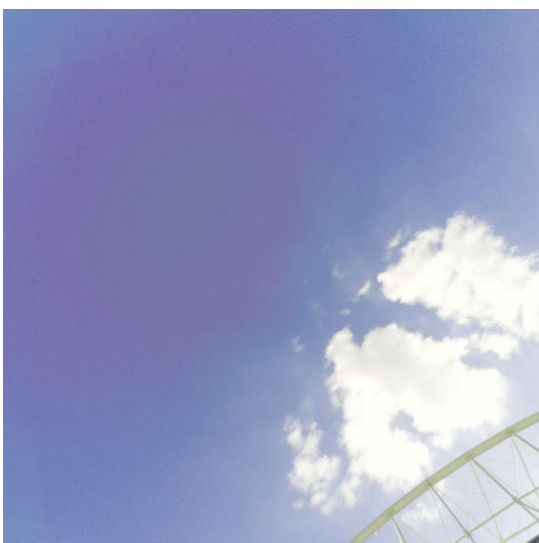
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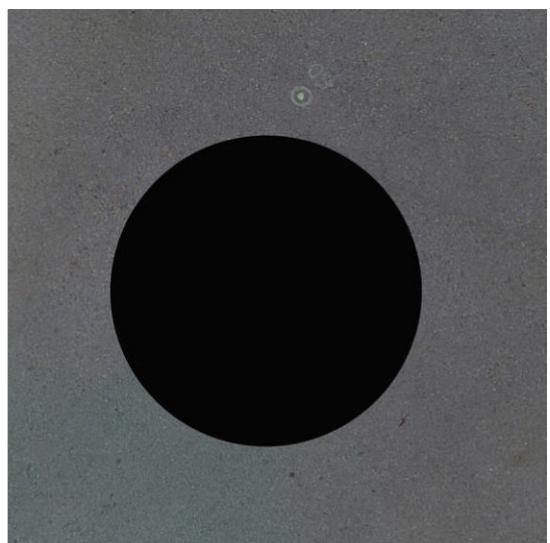
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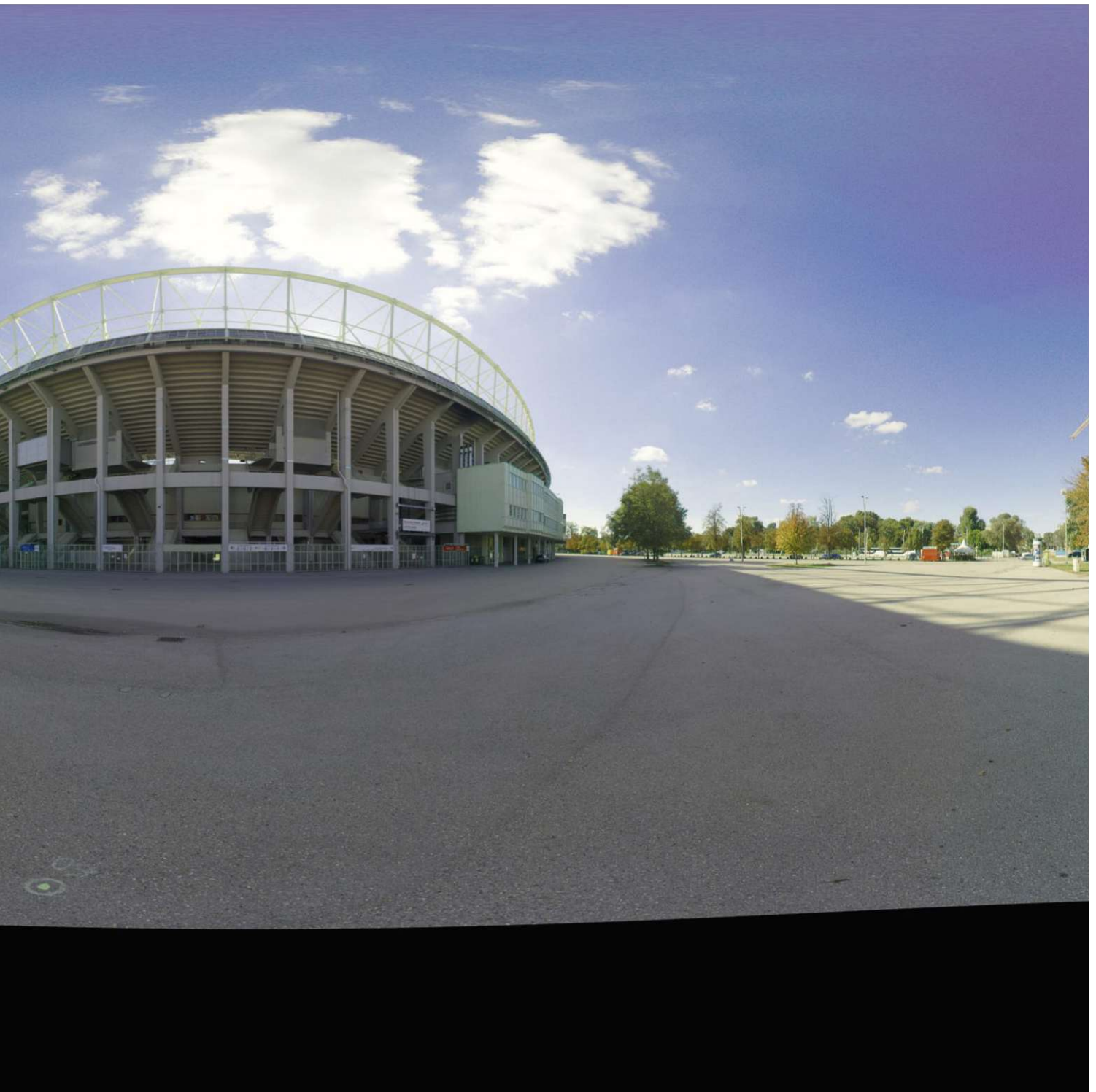
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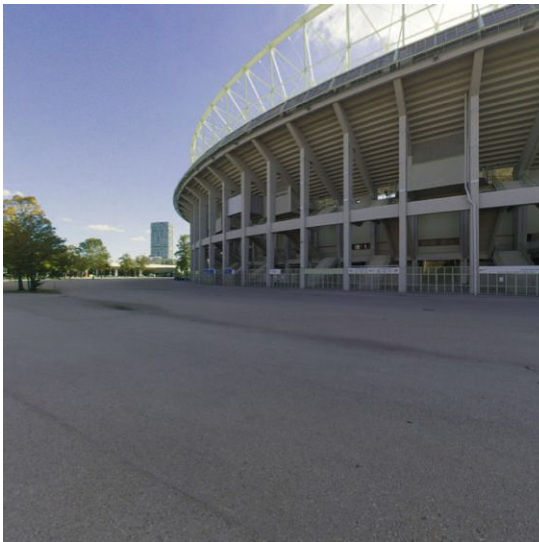
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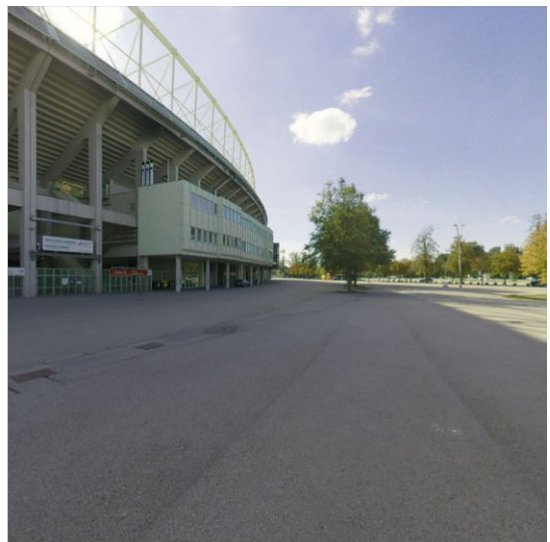
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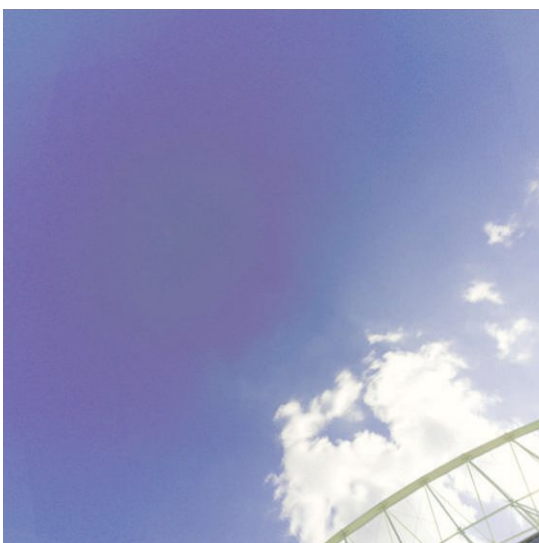
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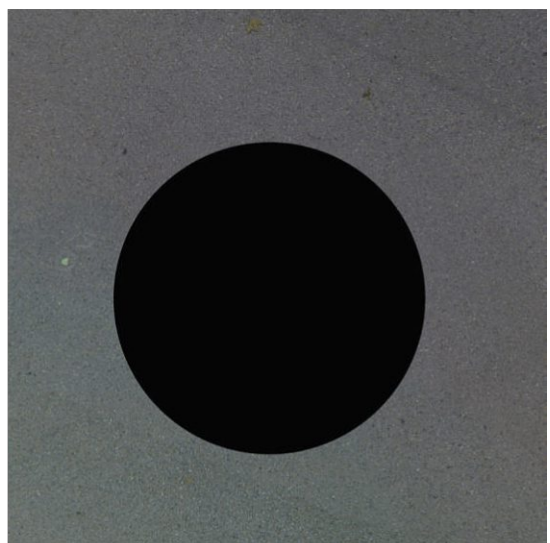
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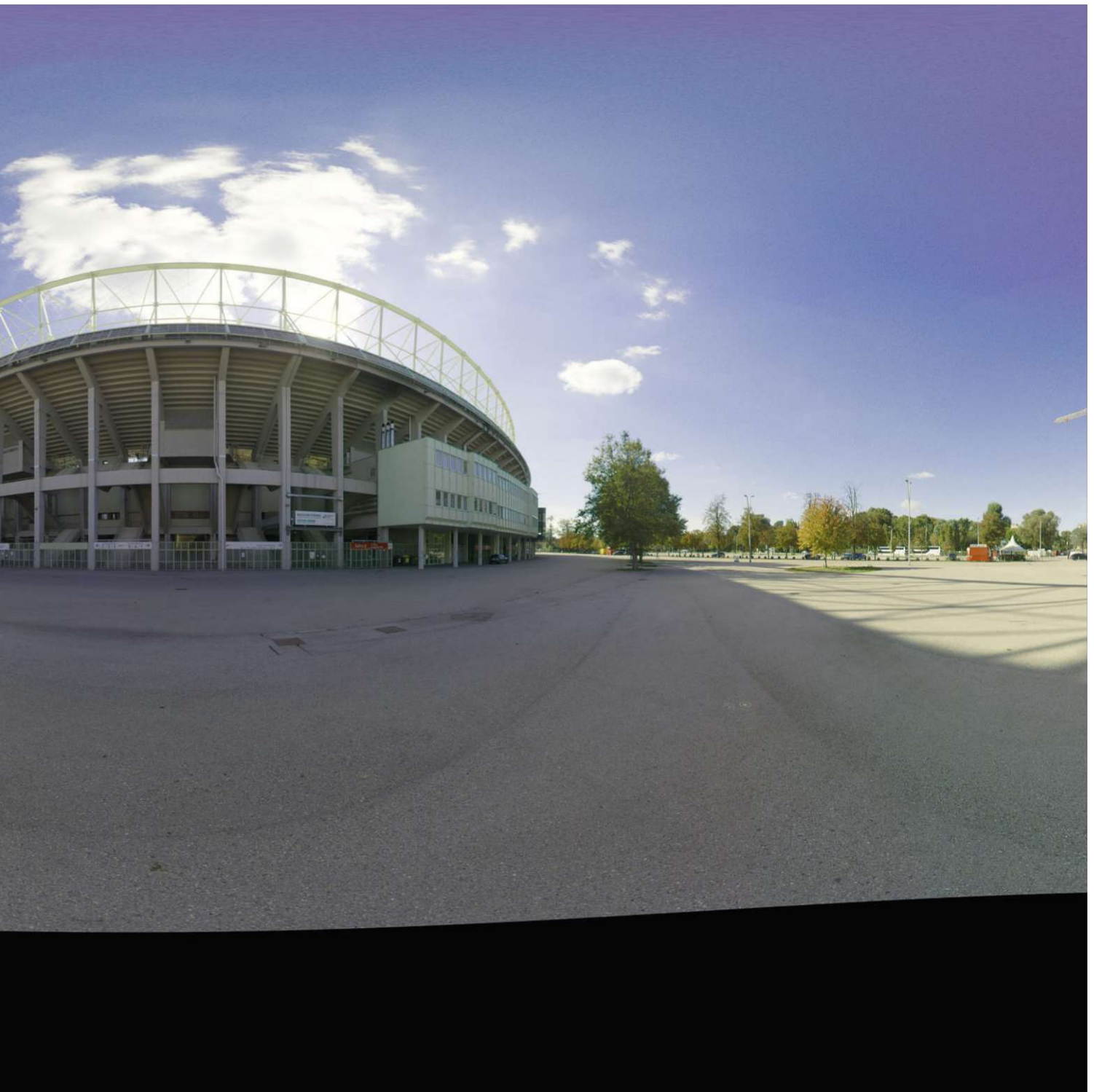
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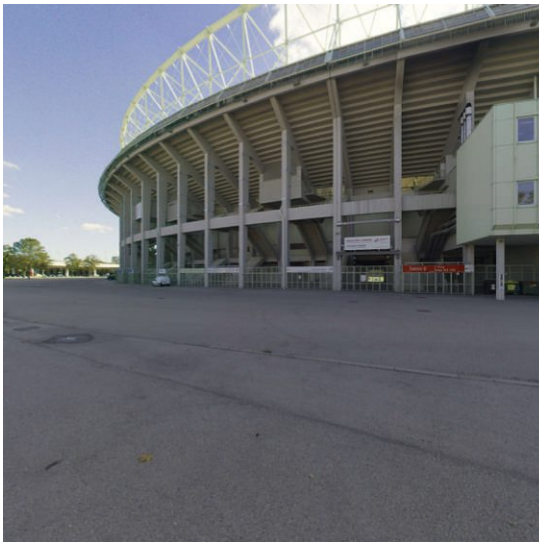
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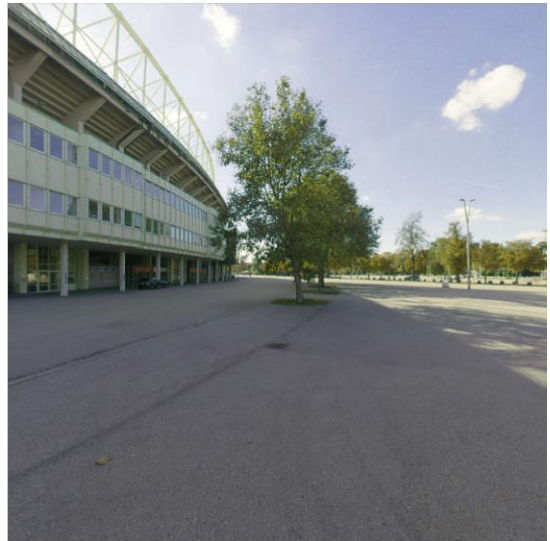
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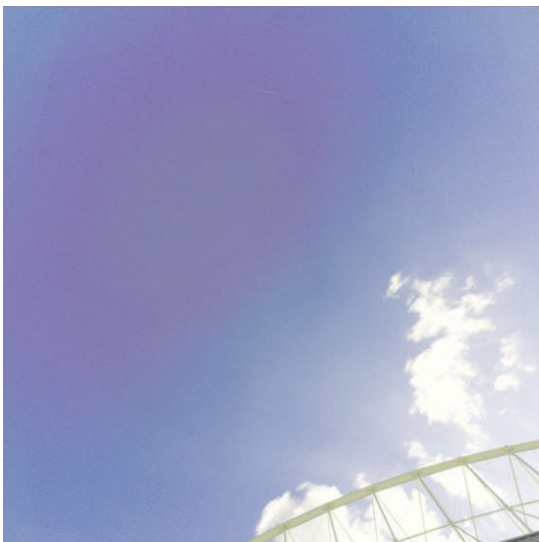
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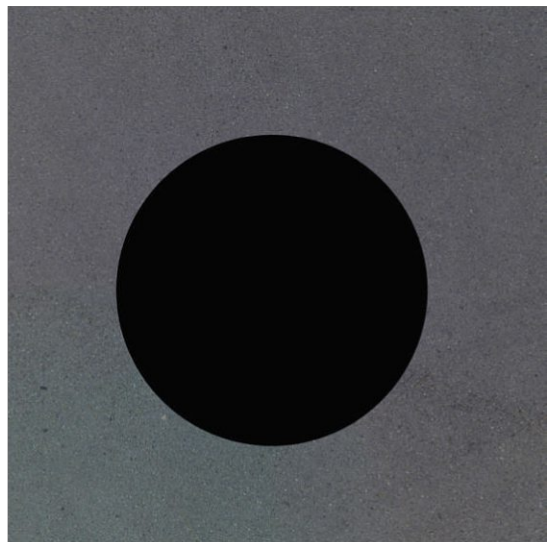
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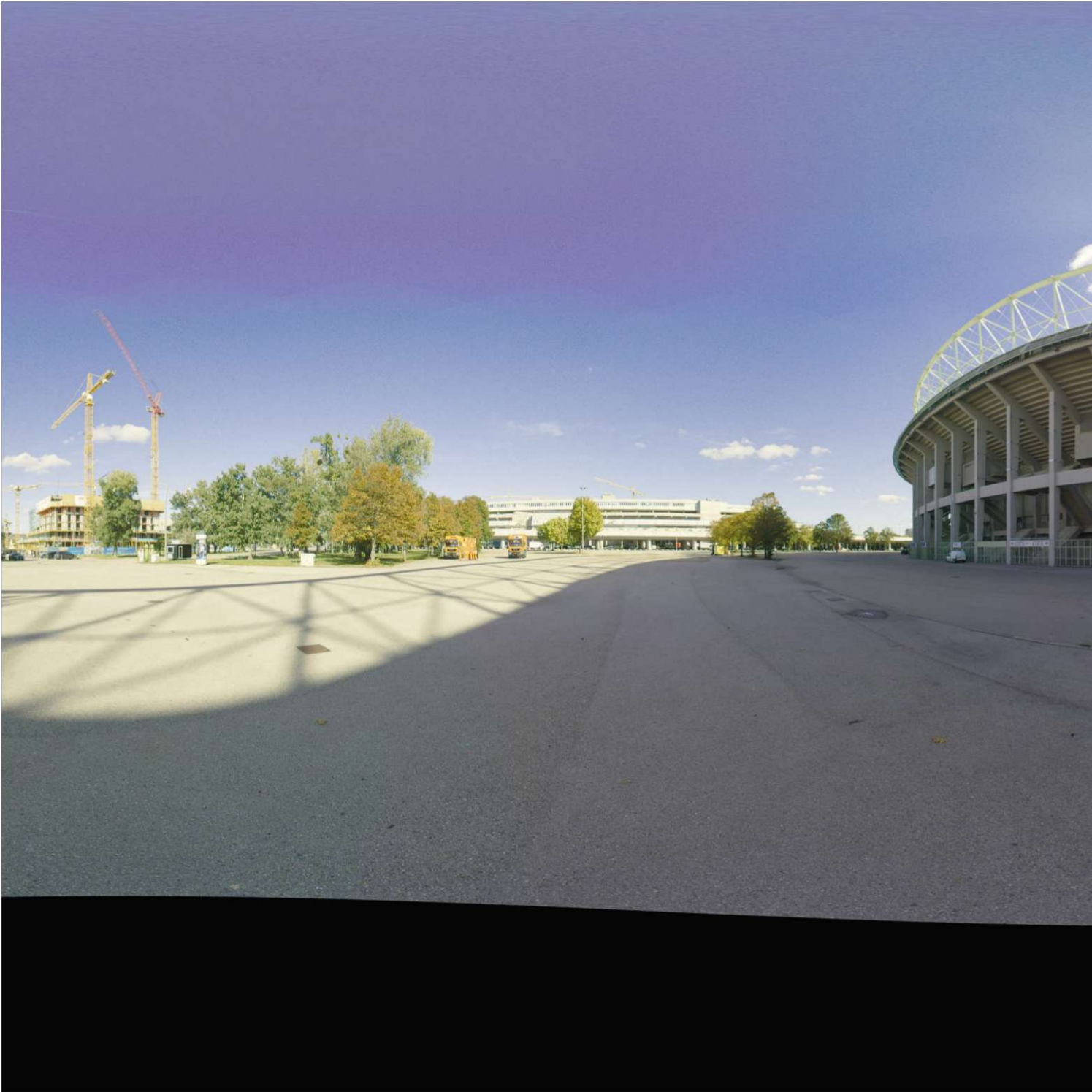


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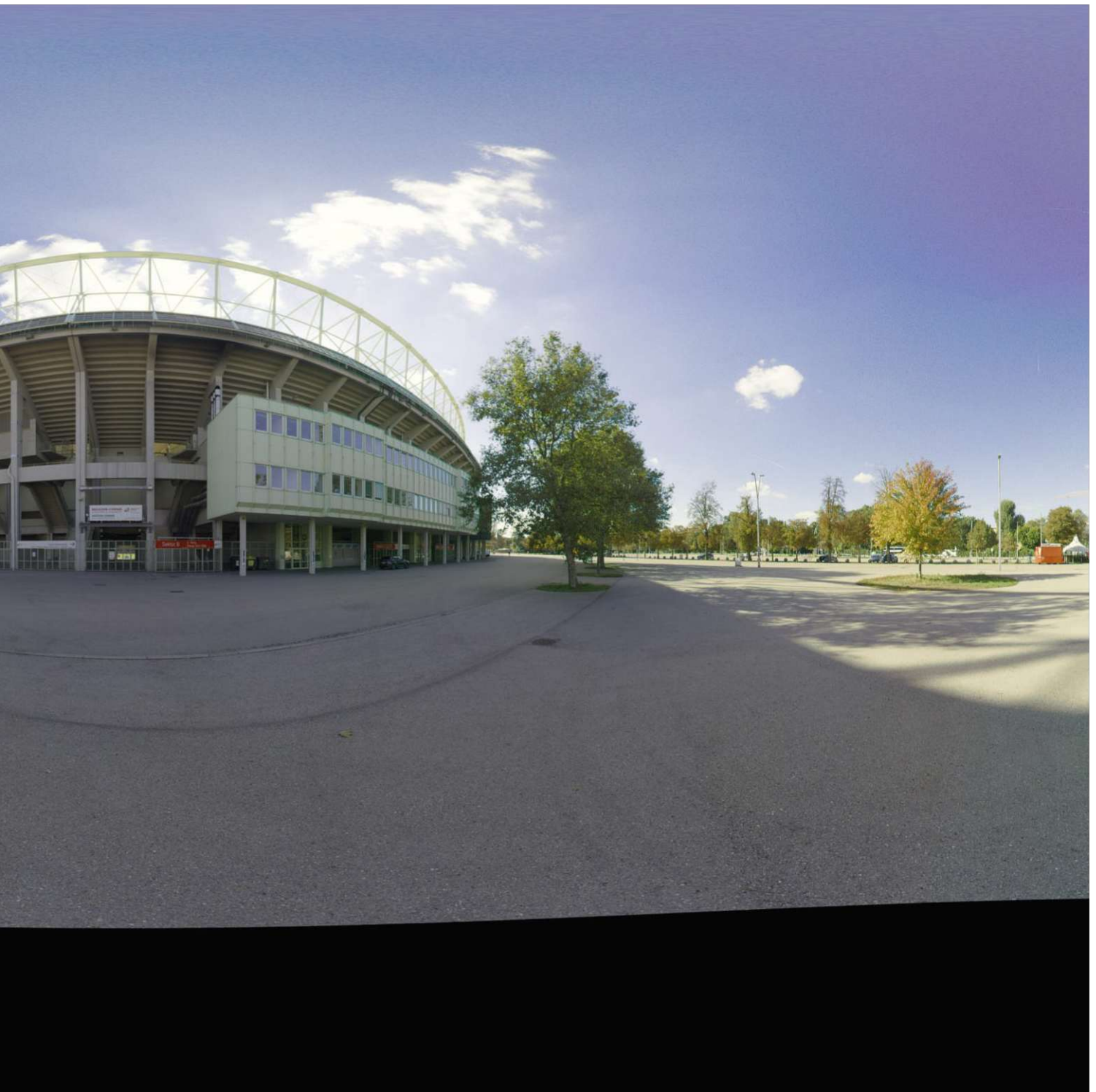
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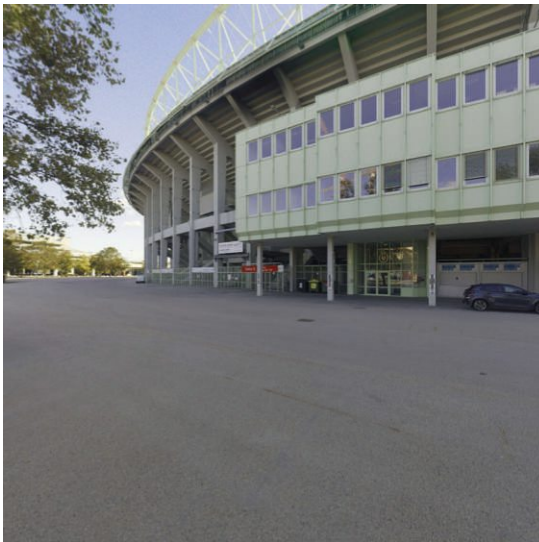
Standpunkt Messung | Koordinaten

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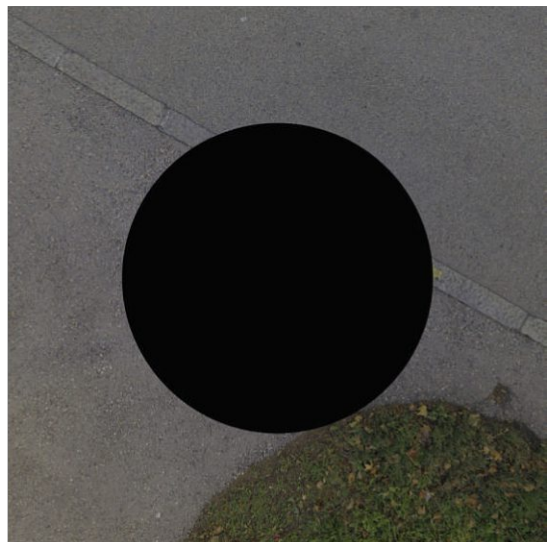
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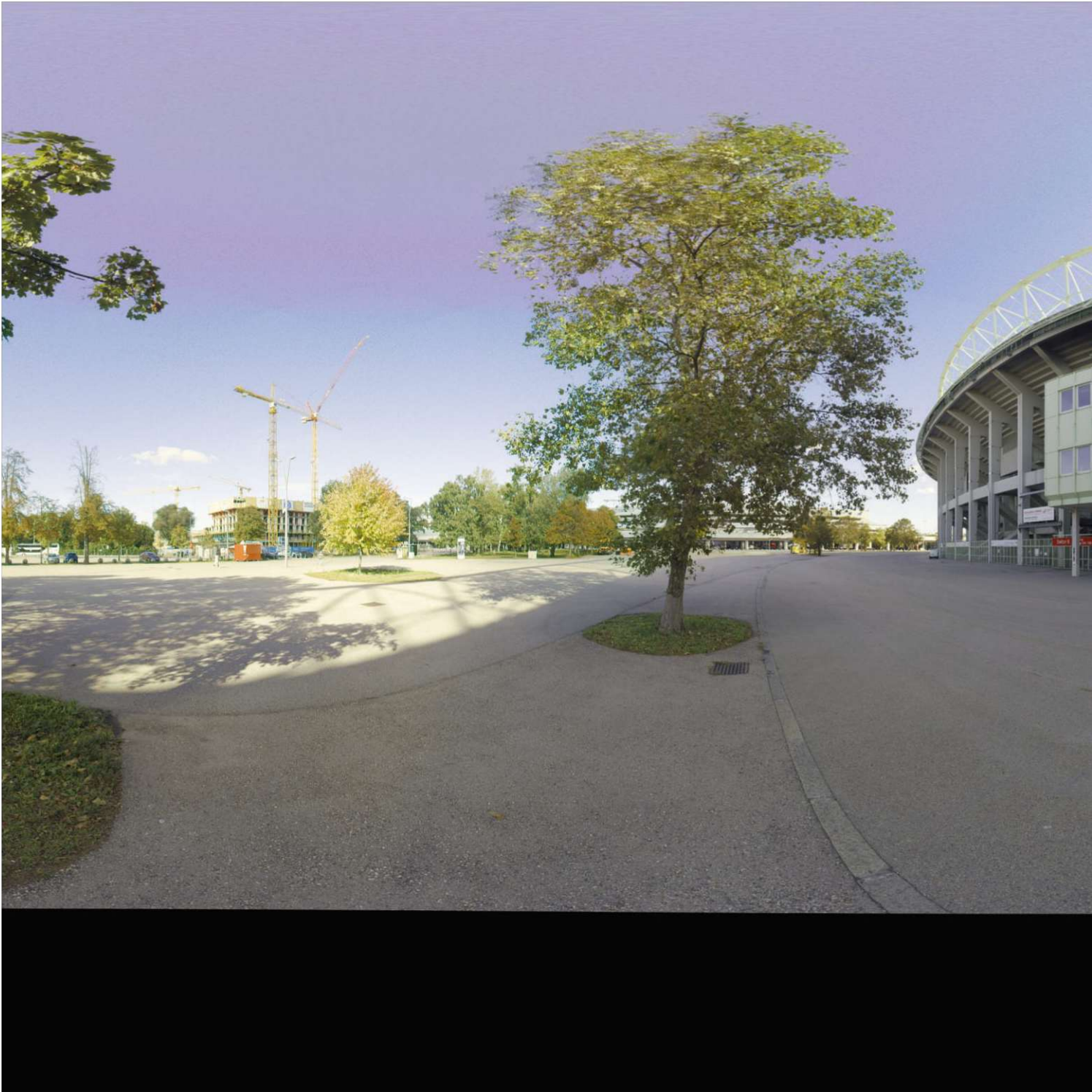


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Standpunkt Messung | Koordinaten

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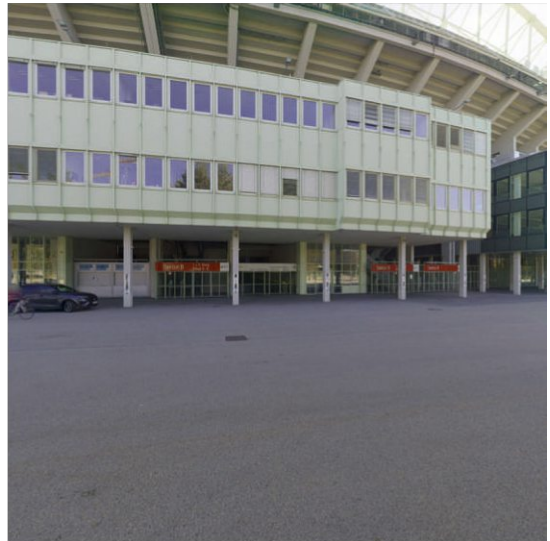
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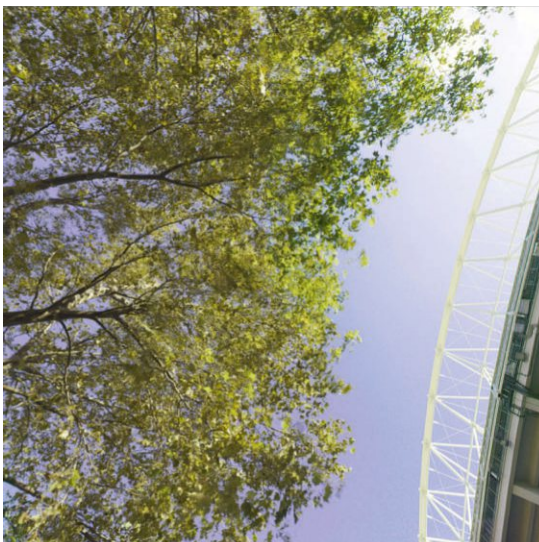
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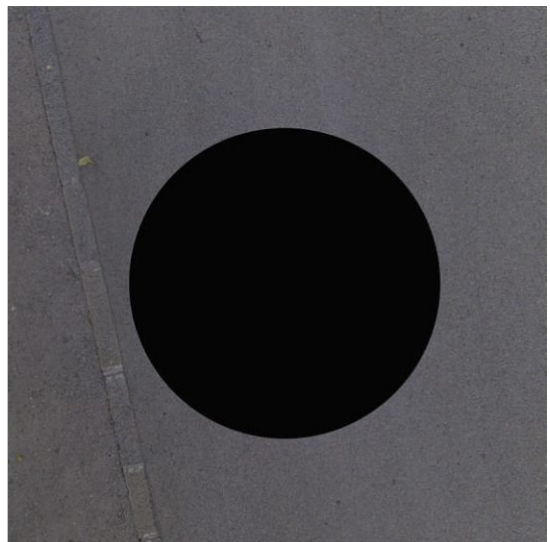
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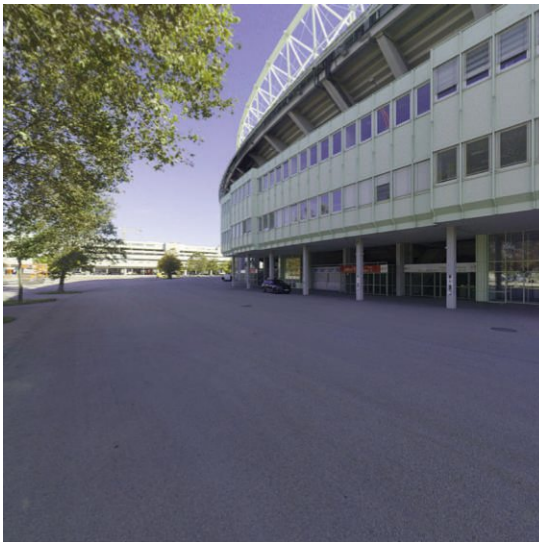
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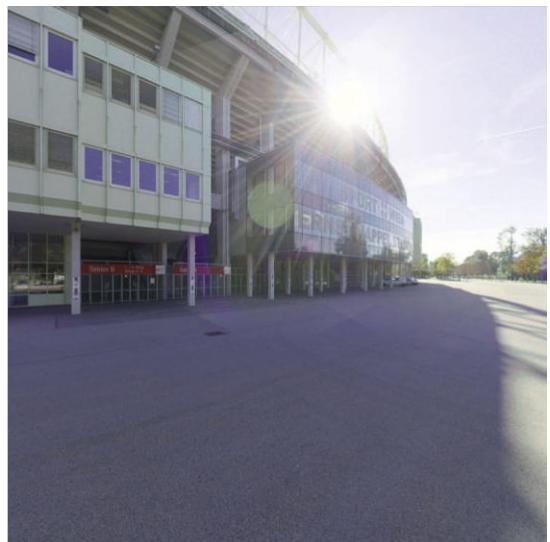
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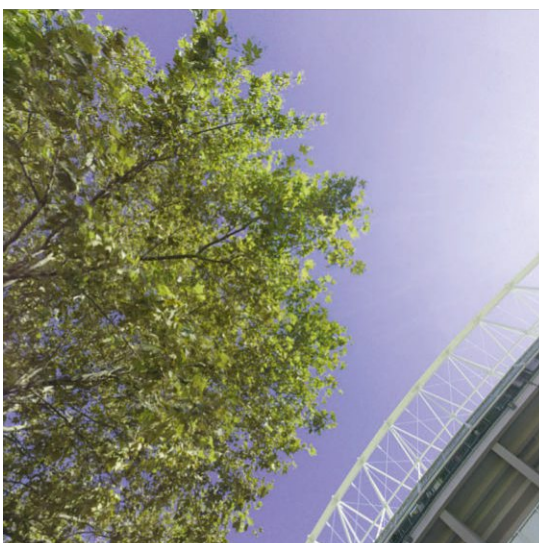
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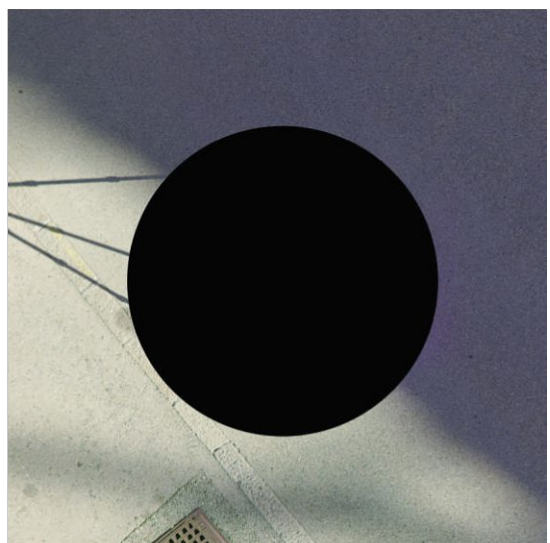
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Standpunkt Messung | Koordinaten

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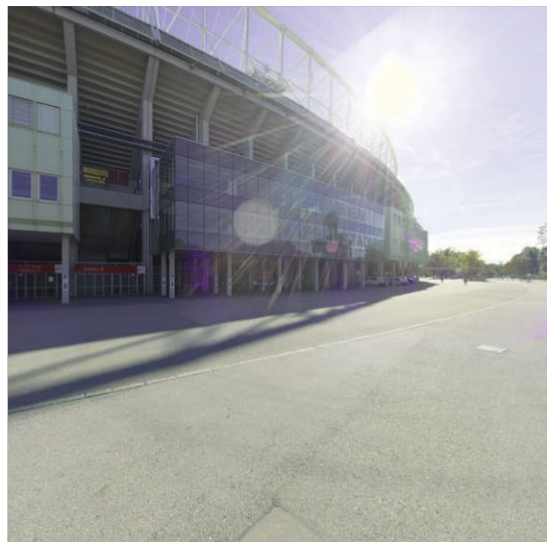
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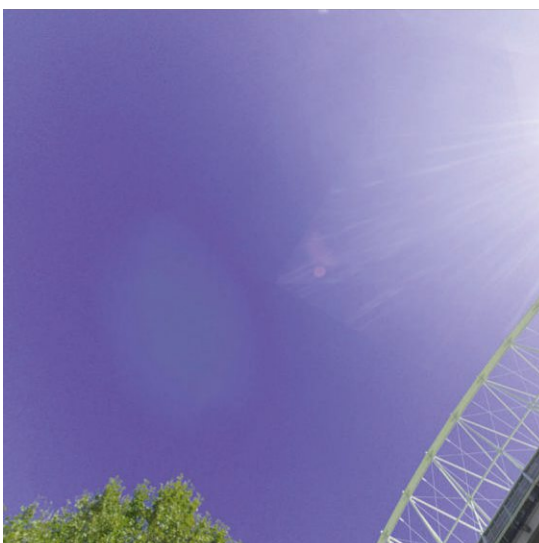
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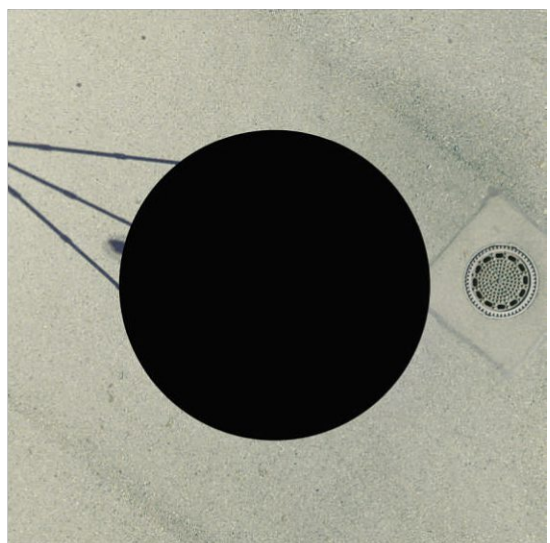
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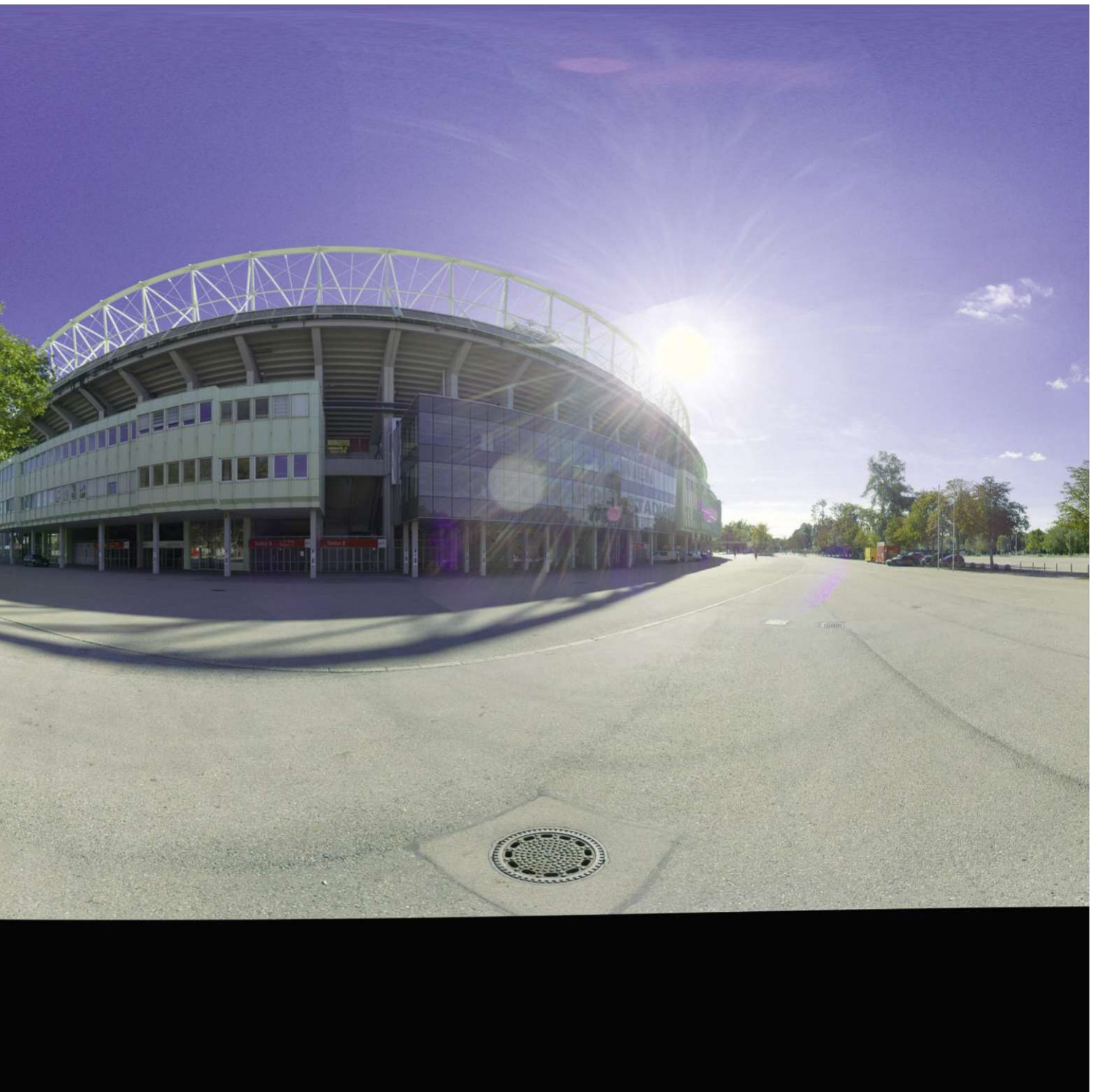
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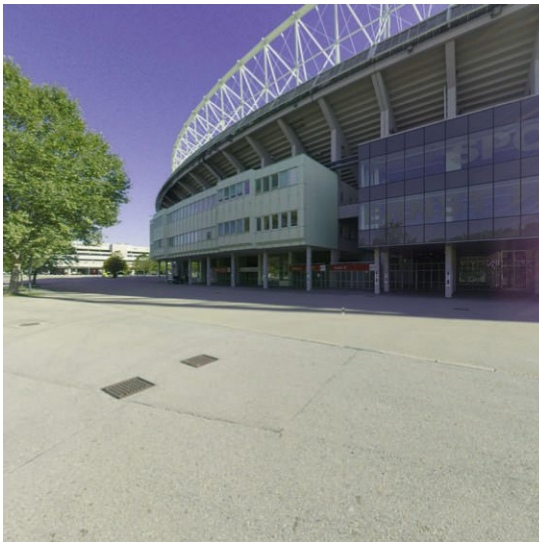
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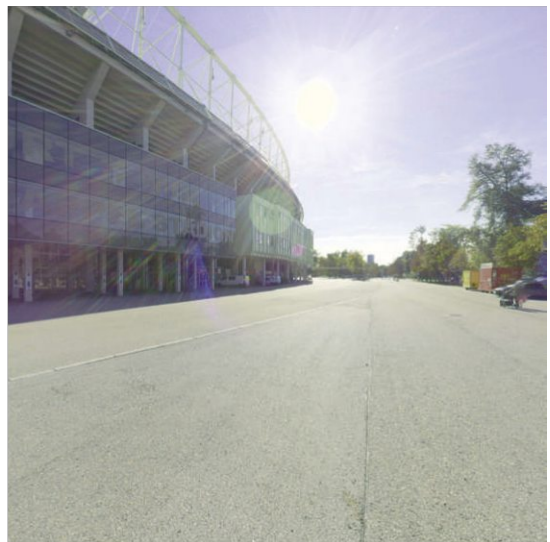
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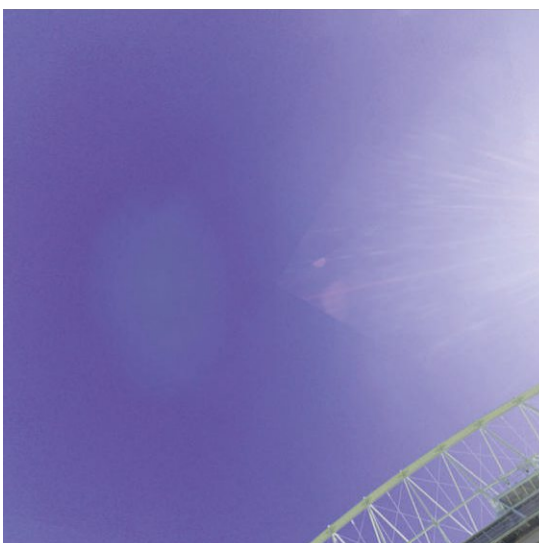
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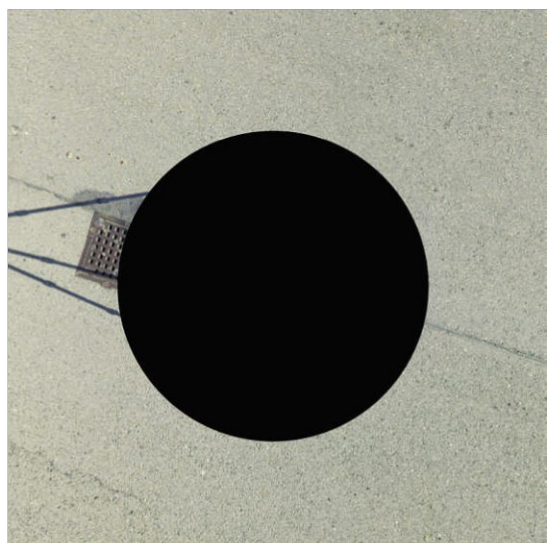
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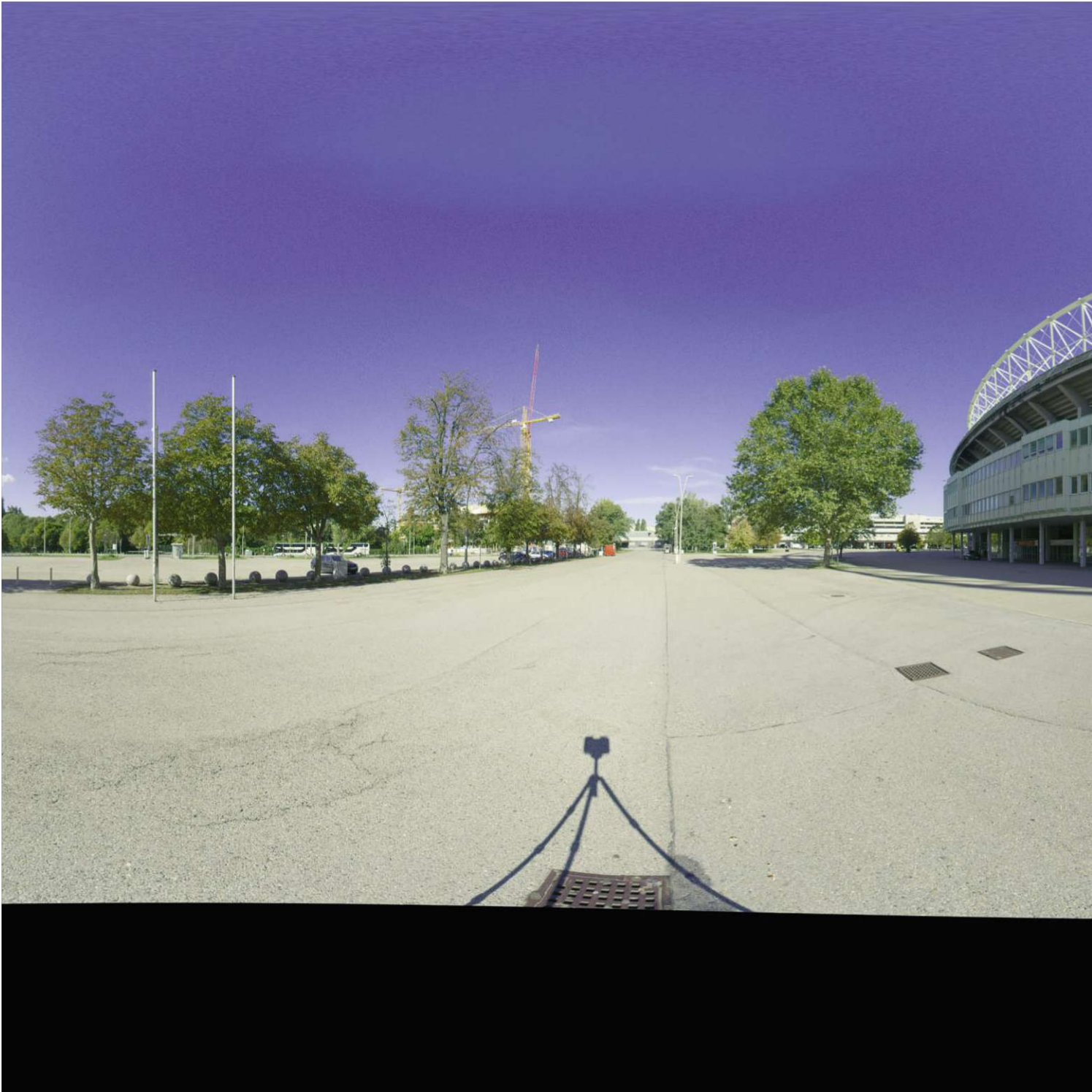


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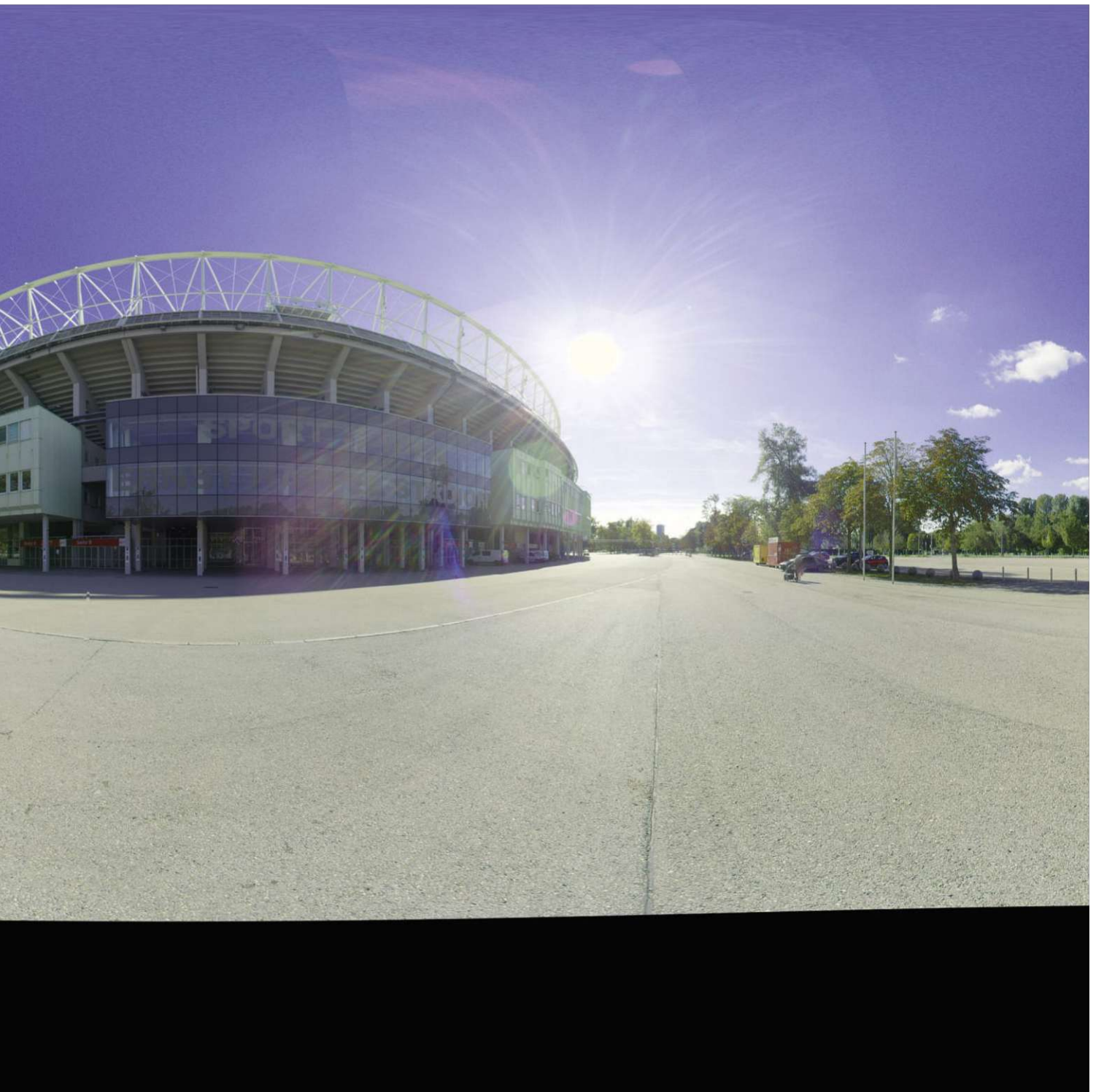
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Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

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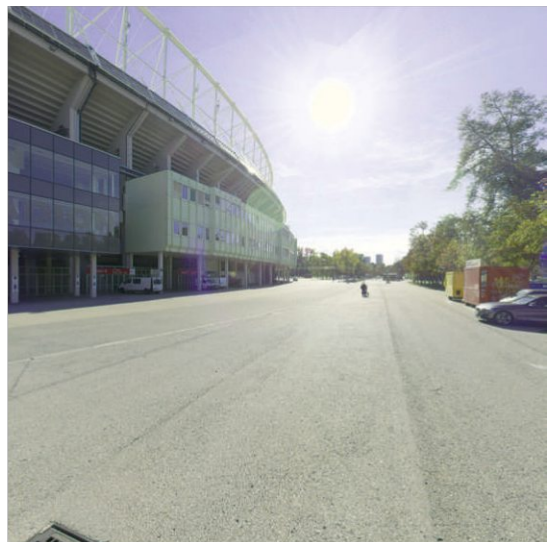
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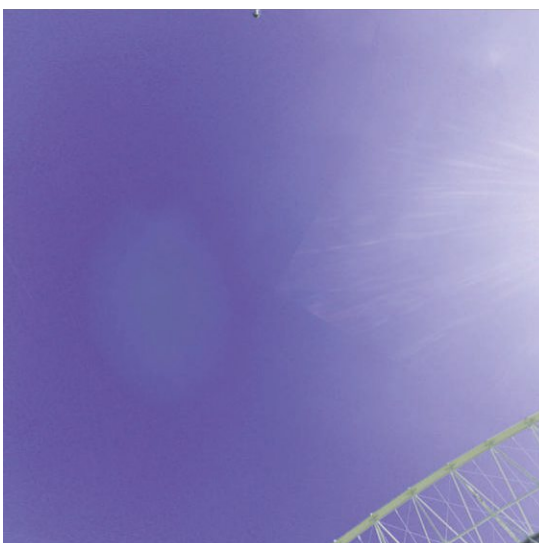
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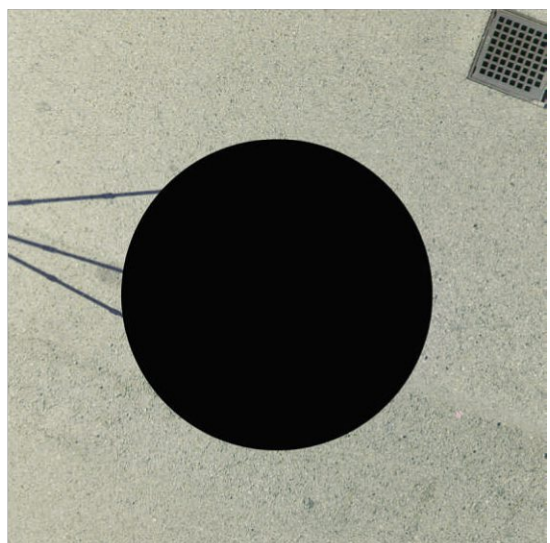
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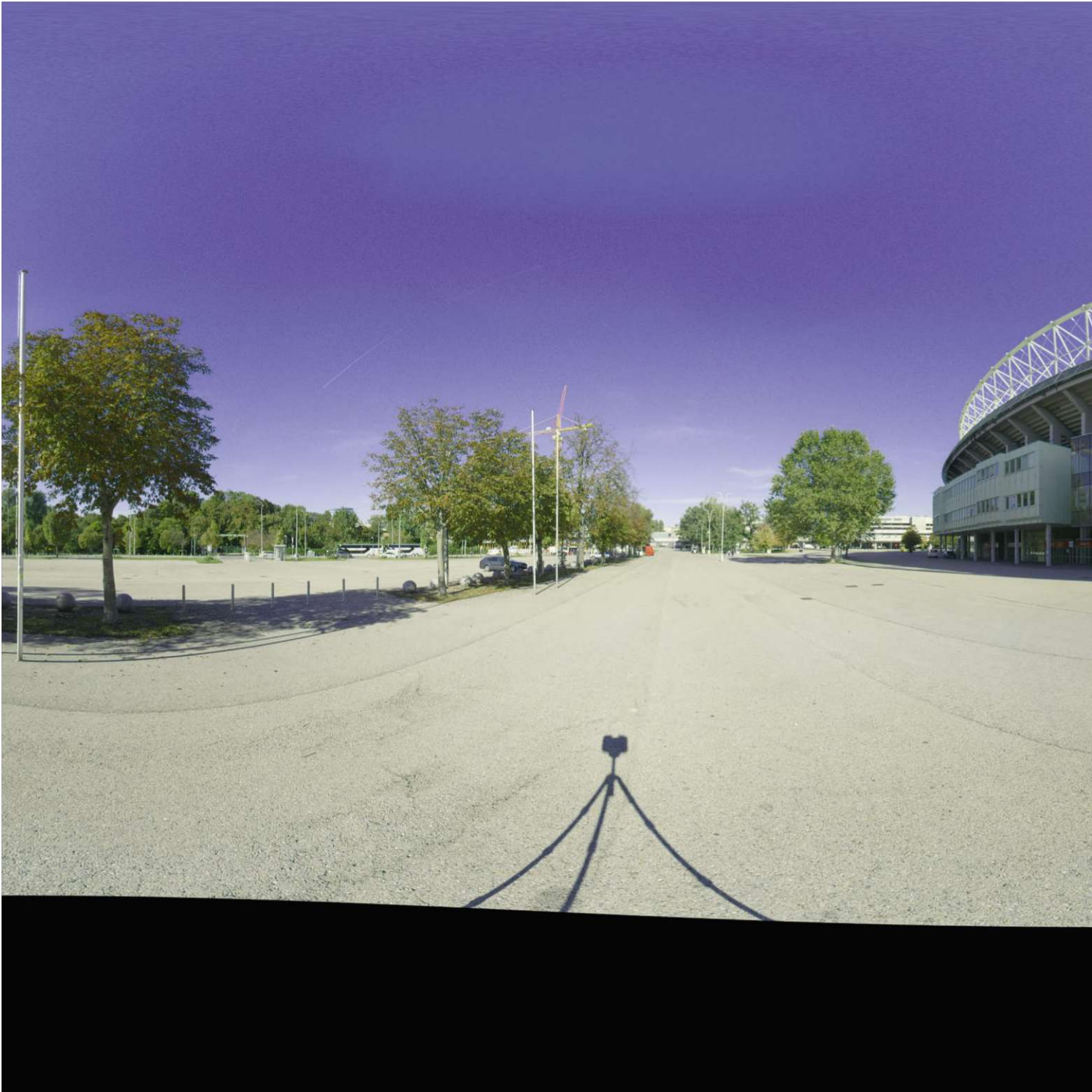


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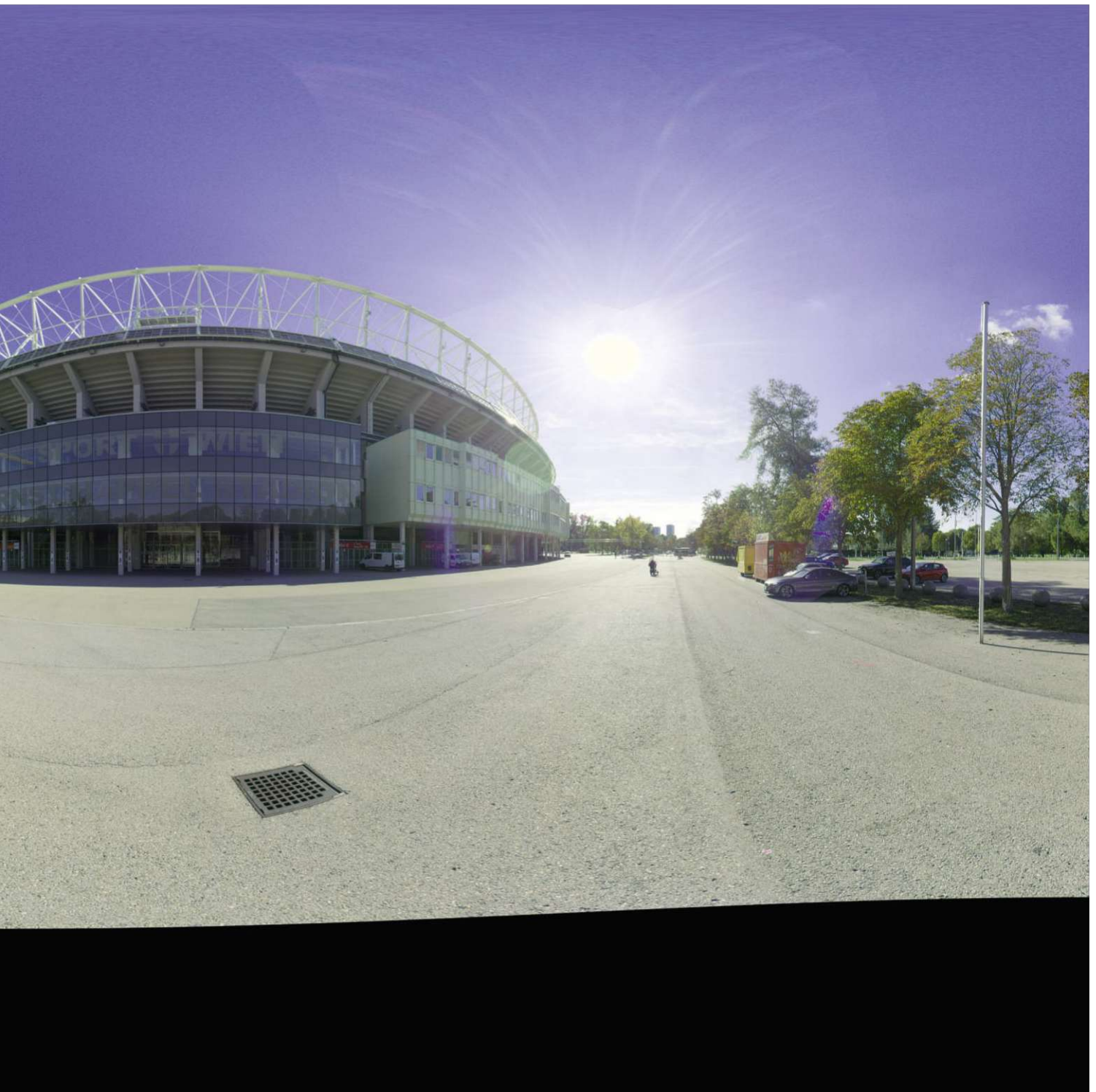
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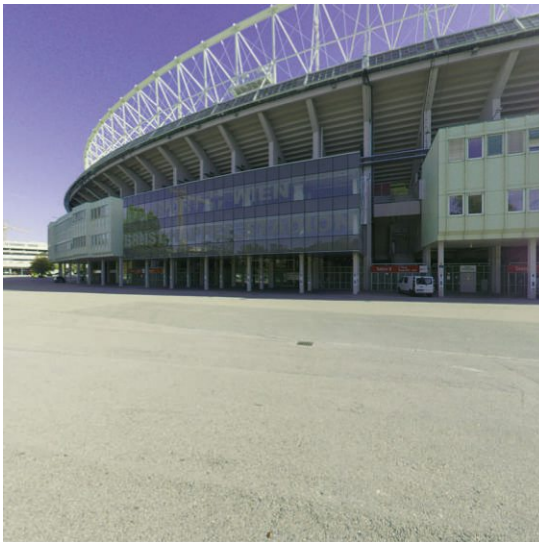
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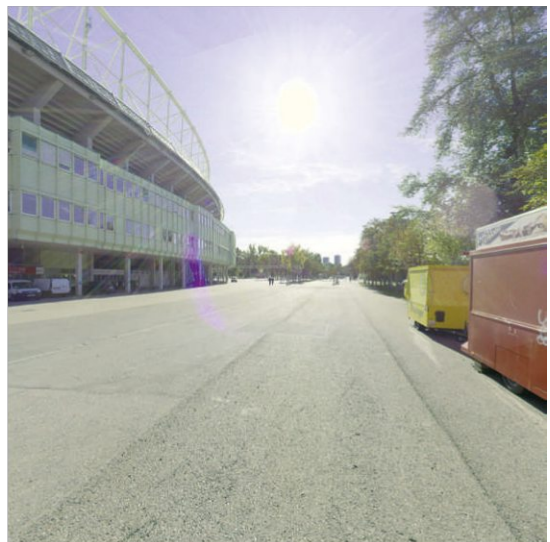
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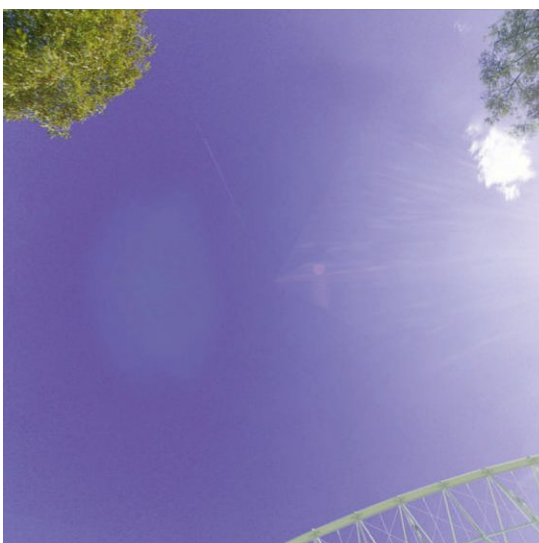
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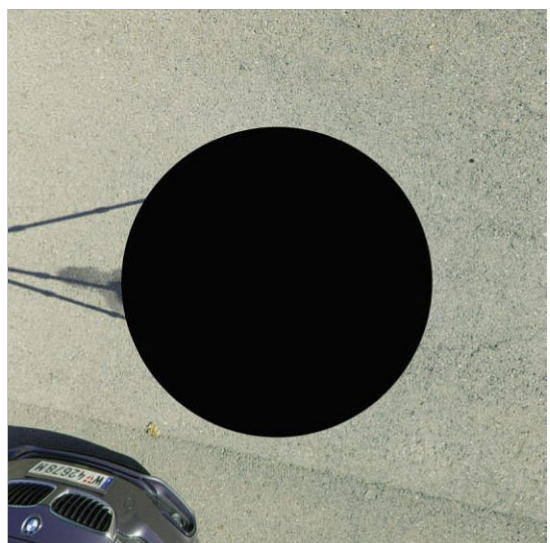
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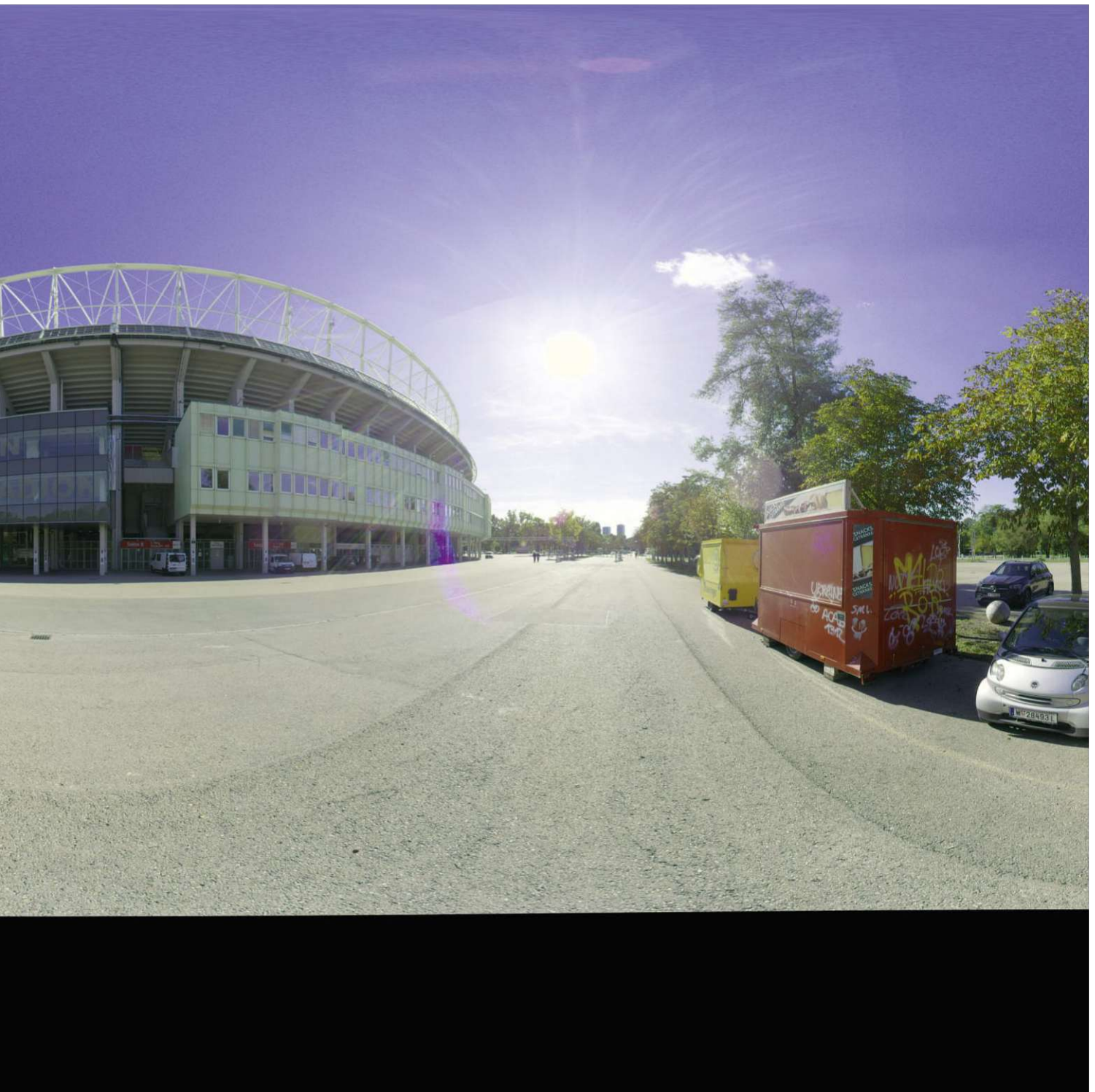
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EHS_AUSSEN



01_EHS_AUSSEN_101.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

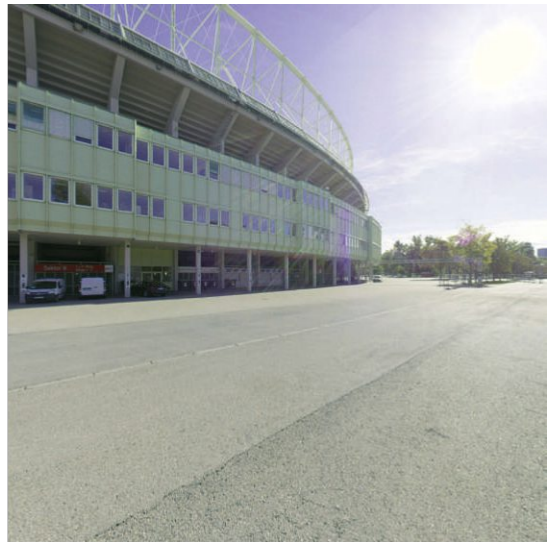
$X = -121757.8539$

$Y = -81521.40162$

$Z = 1753.40963$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_102_0.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_102_1.jpeg



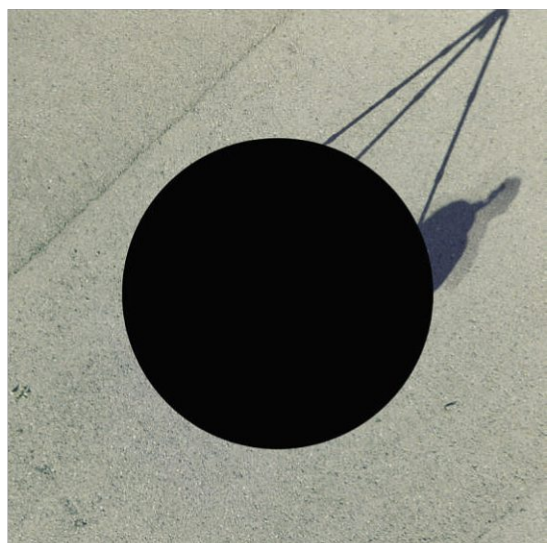
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_102_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_102_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_102_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_102_5.jpeg

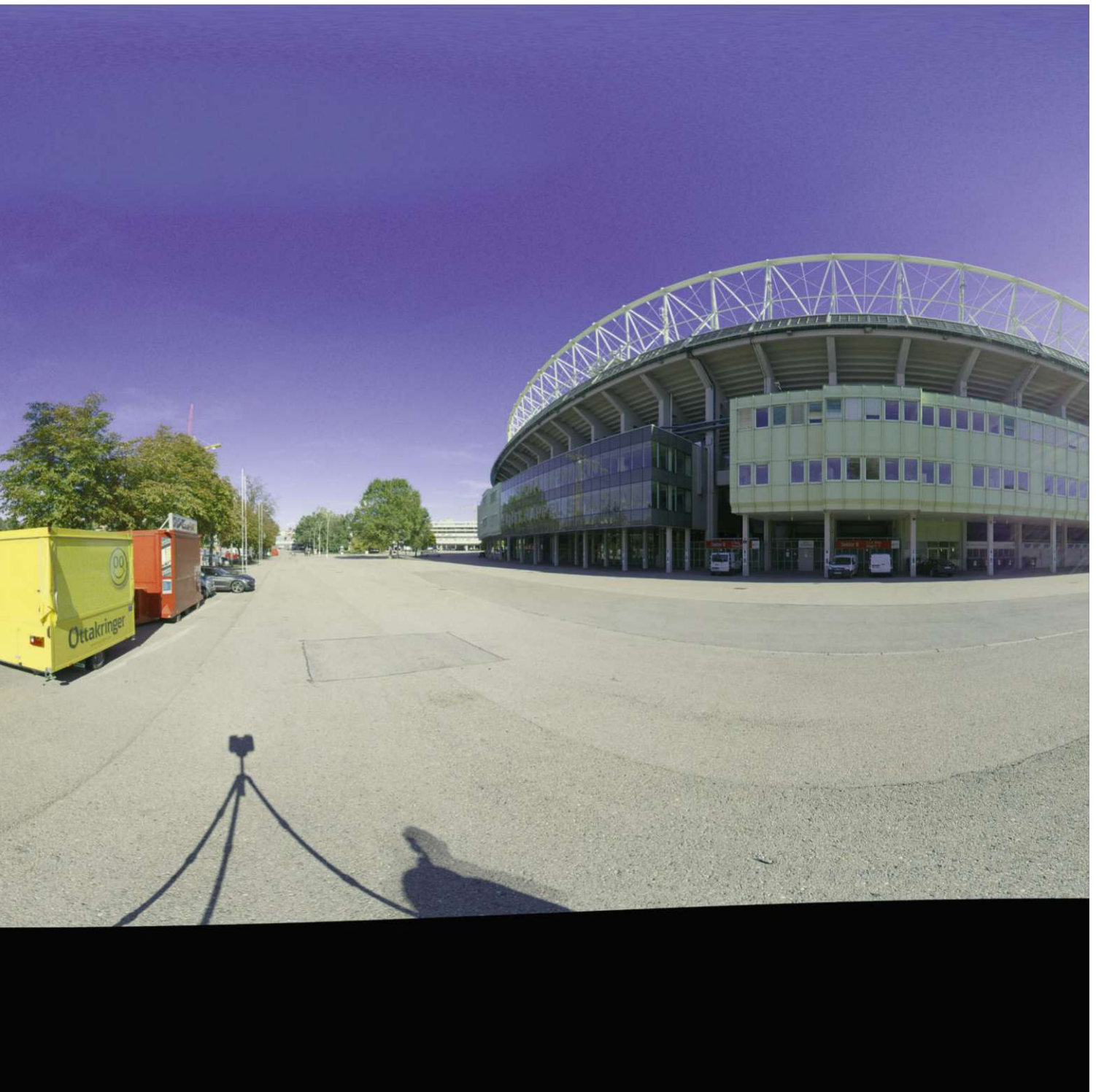
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_102.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -106024.57059

Y = -77973.56183

Z = 1760.03609



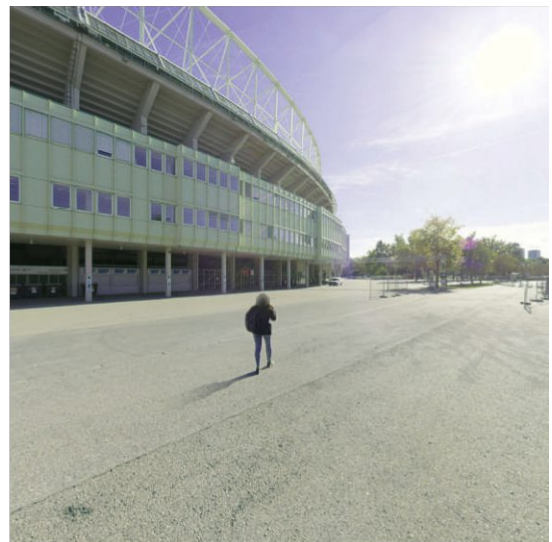
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_103_0.jpeg



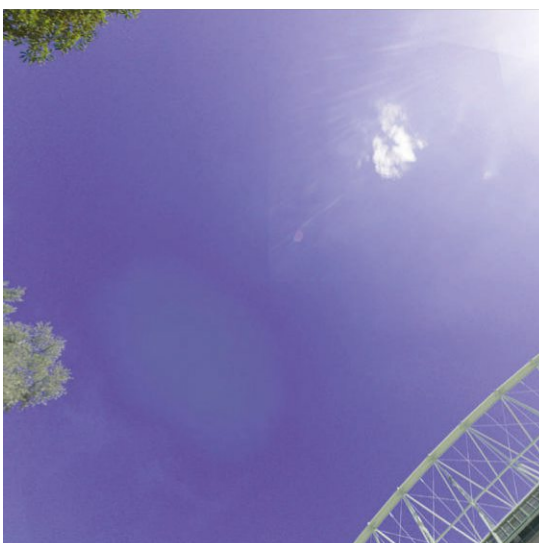
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_103_1.jpeg



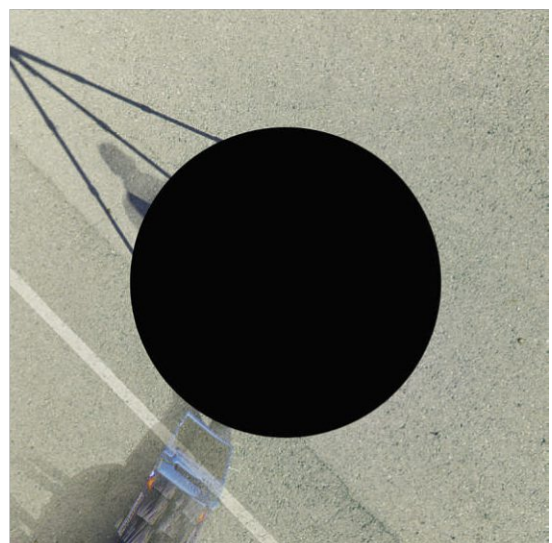
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_103_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_103_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_103_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_103_5.jpeg

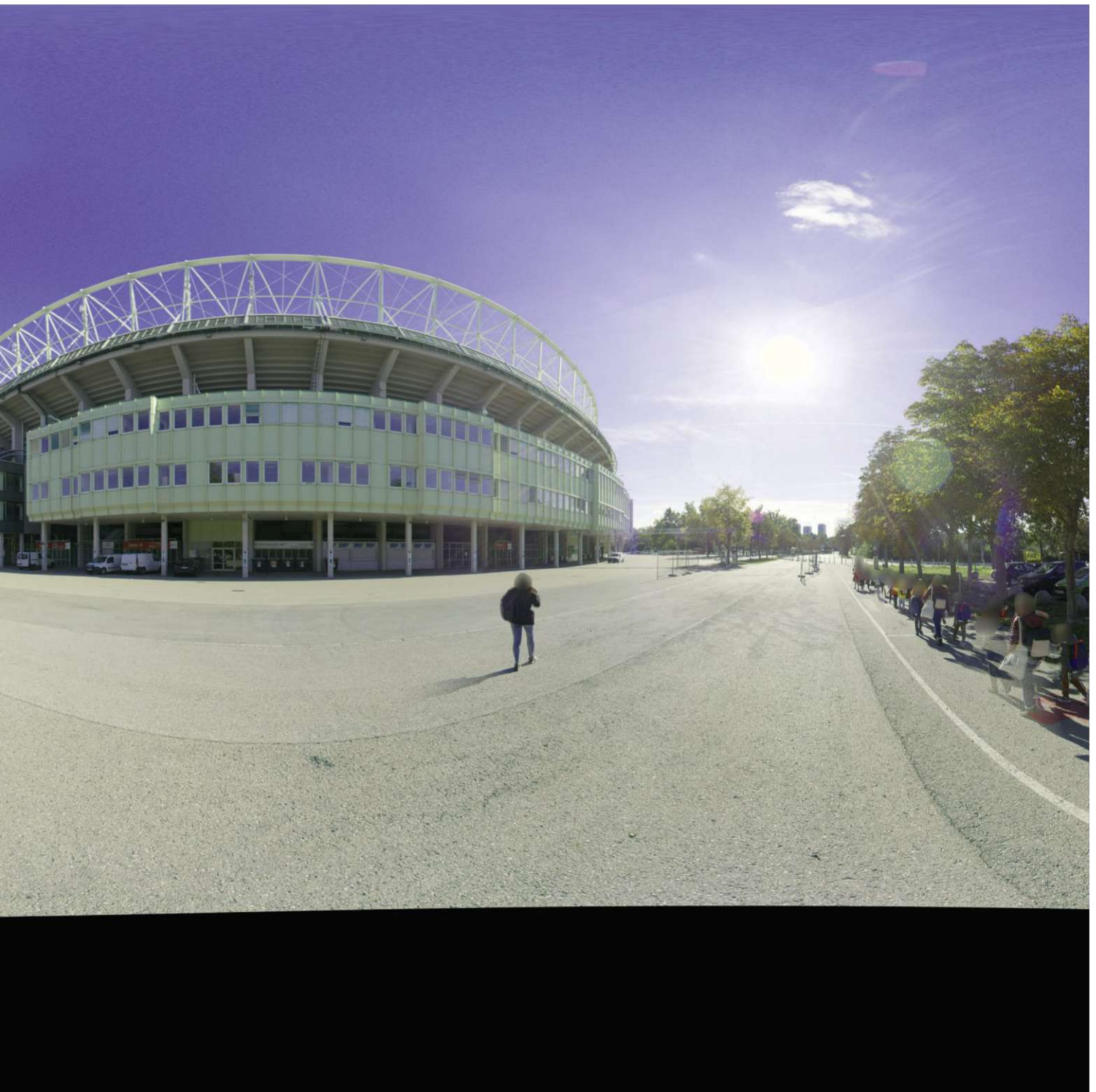
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_103.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -90202.40798

Y = -72221.80873

Z = 1793.93977



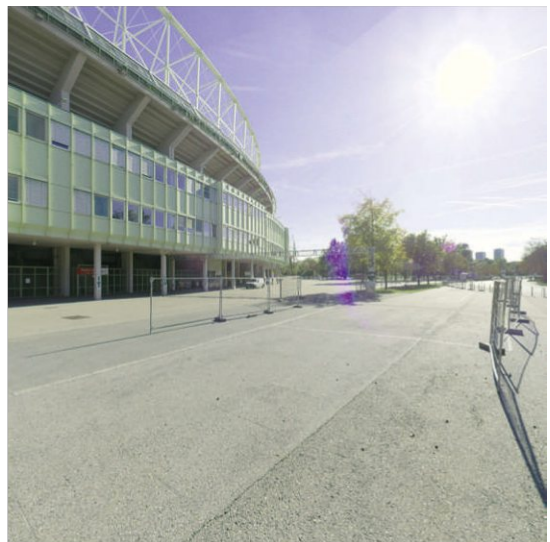
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_104_0.jpeg



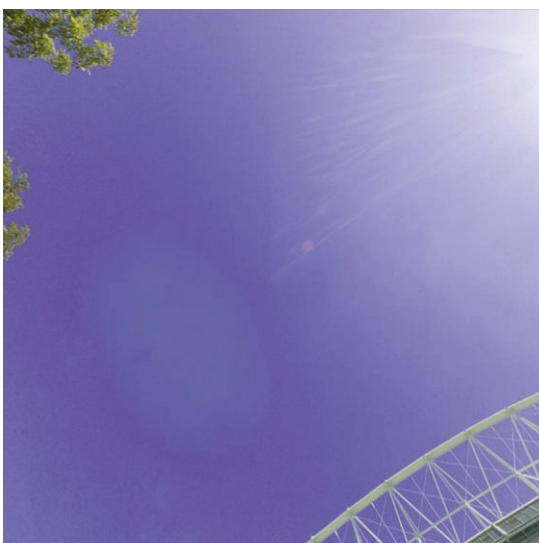
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_104_1.jpeg



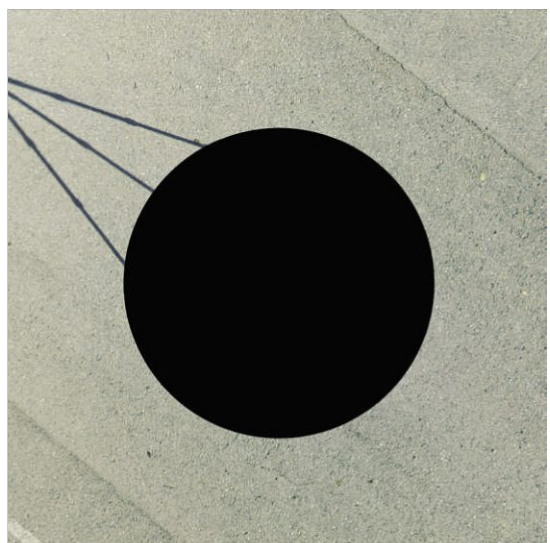
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_104_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_104_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_104_4.jpeg

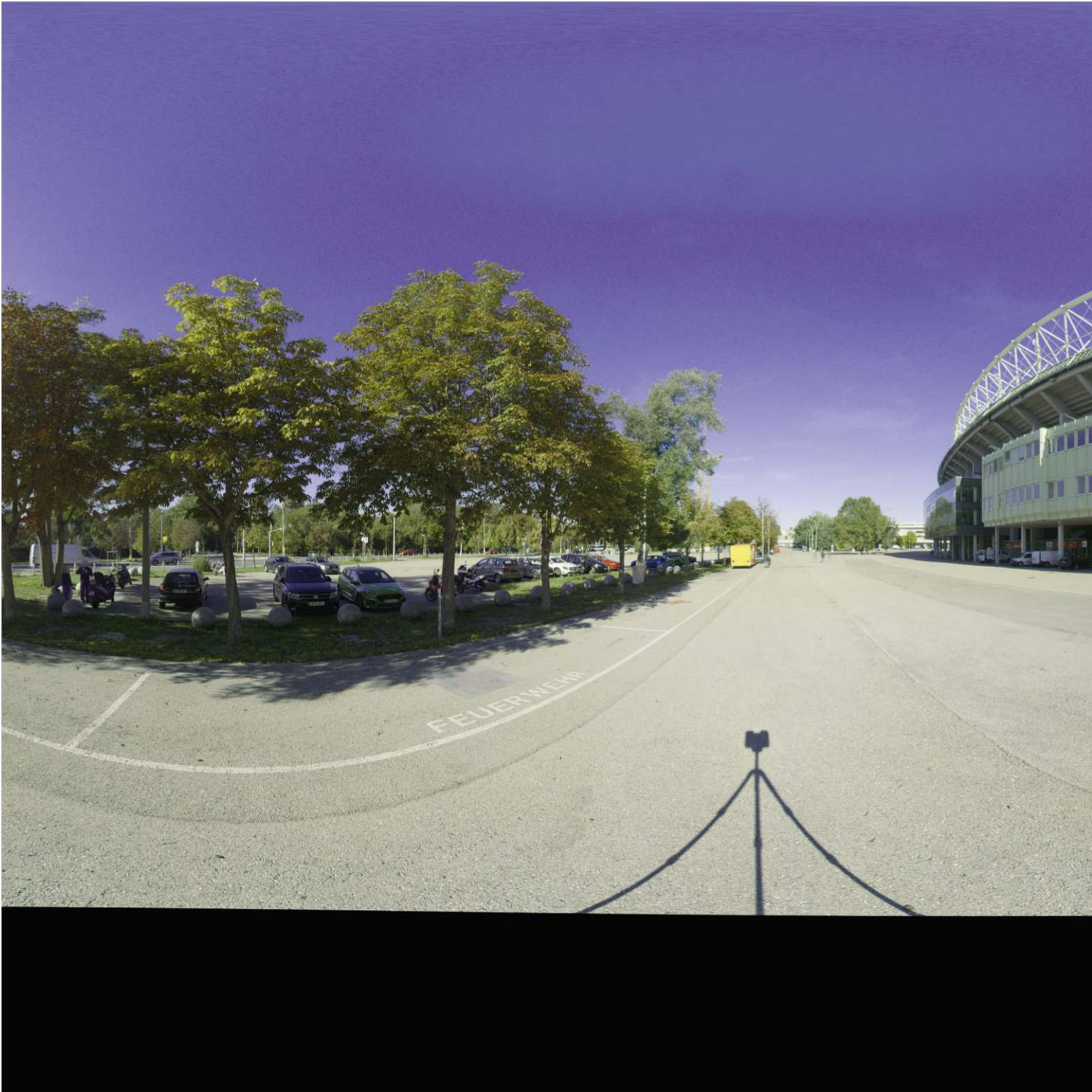


X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_104_5.jpeg

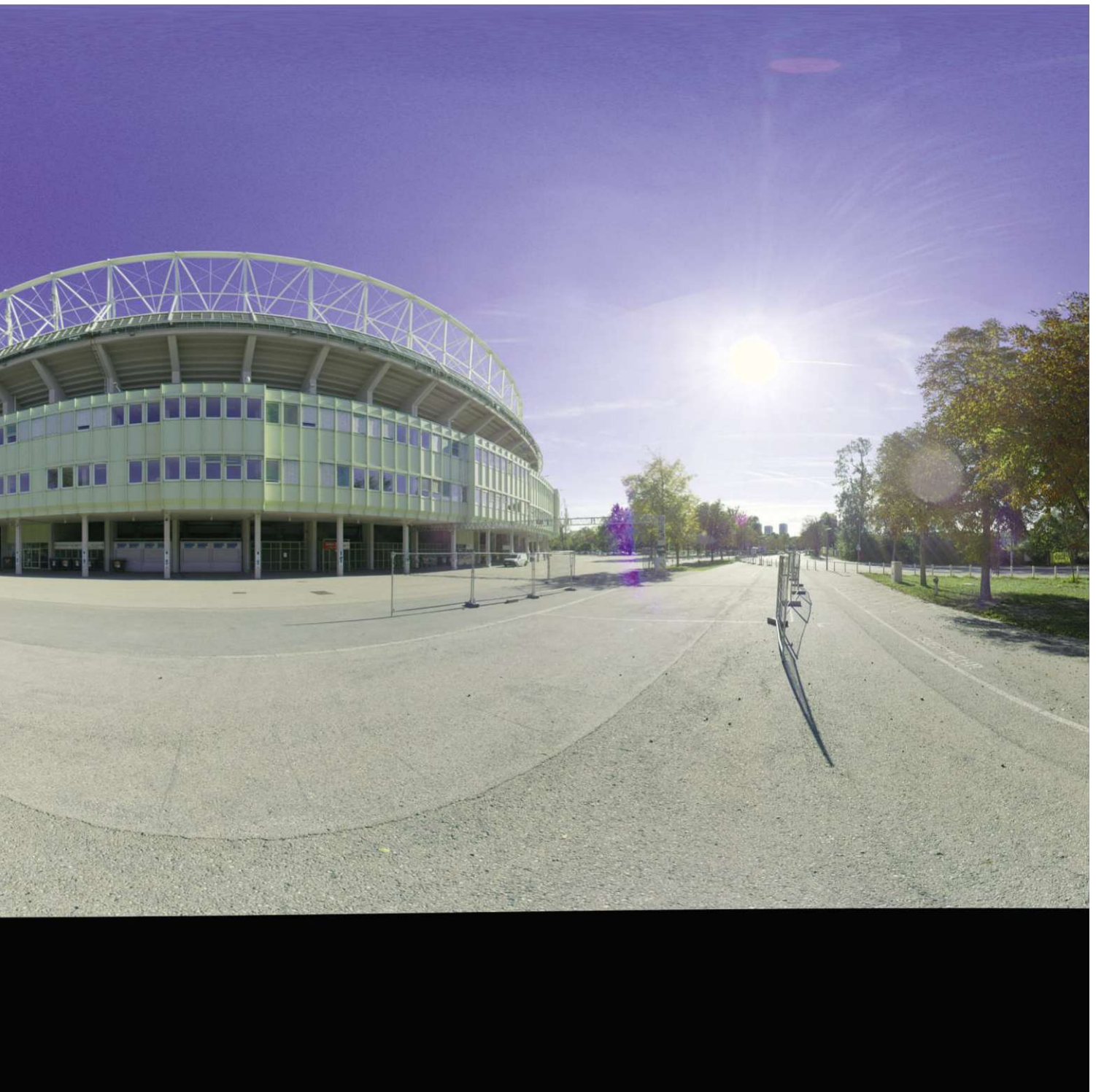
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_104.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -73394.71507$

$Y = -66553.67238$

$Z = 1813.24535$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_105_0.jpeg



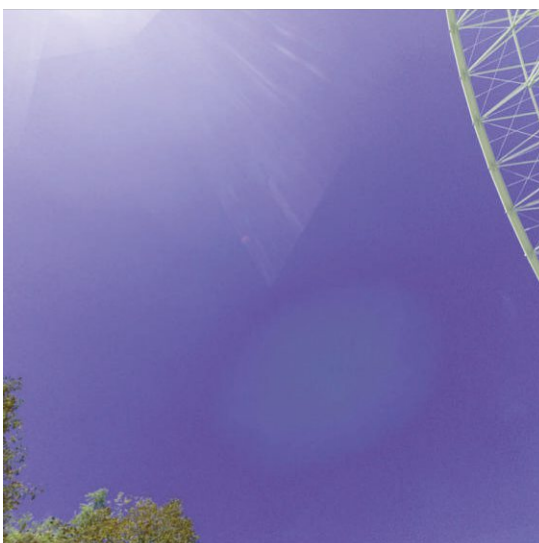
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_105_1.jpeg



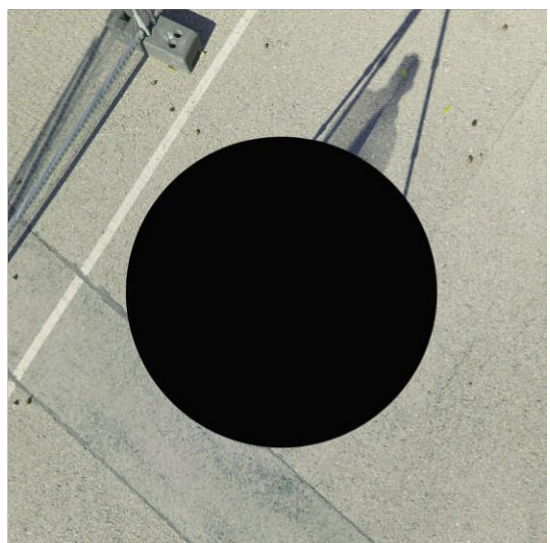
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_105_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_105_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_105_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_105_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_105.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -61443.32615$

$Y = -63661.71906$

$Z = 1847.16579$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_106_0.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_106_1.jpeg



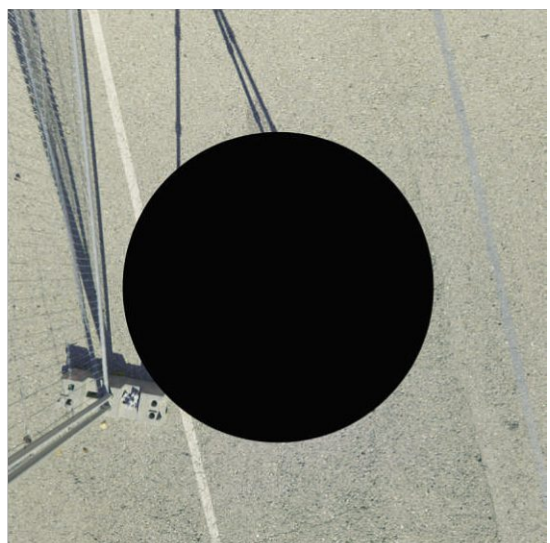
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_106_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_106_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_106_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_106_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_106.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -55738.32459$

$Y = -46157.41524$

$Z = 1756.0459$



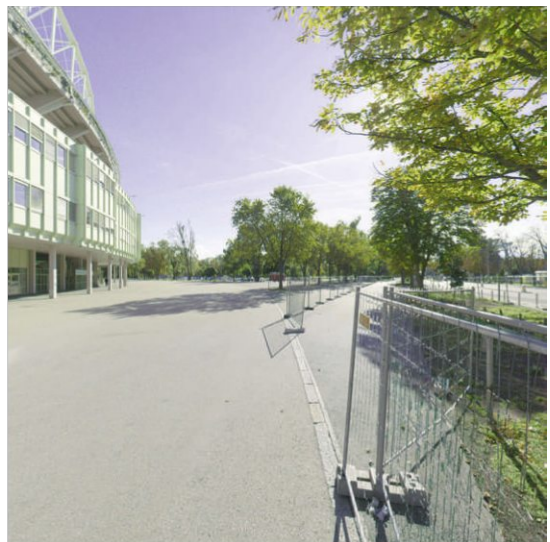
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_107_0.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_107_1.jpeg



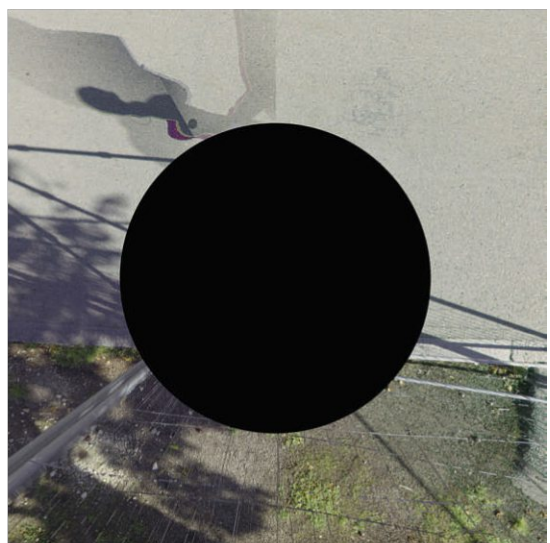
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_107_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_107_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_107_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_107_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_107.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

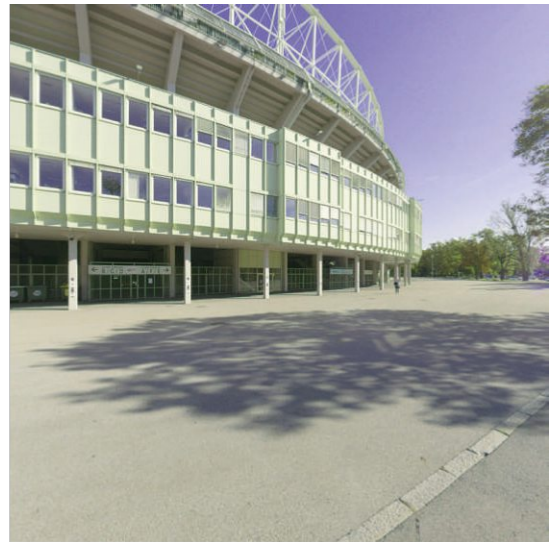
$X = -42300.22727$

$Y = -38040.94334$

$Z = 1922.74215$



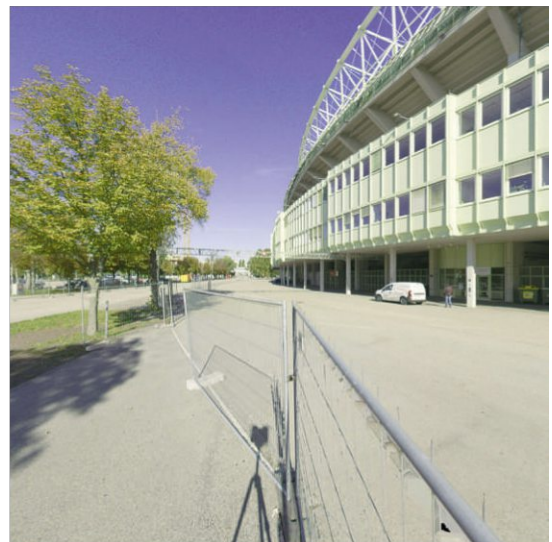
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_108_0.jpeg



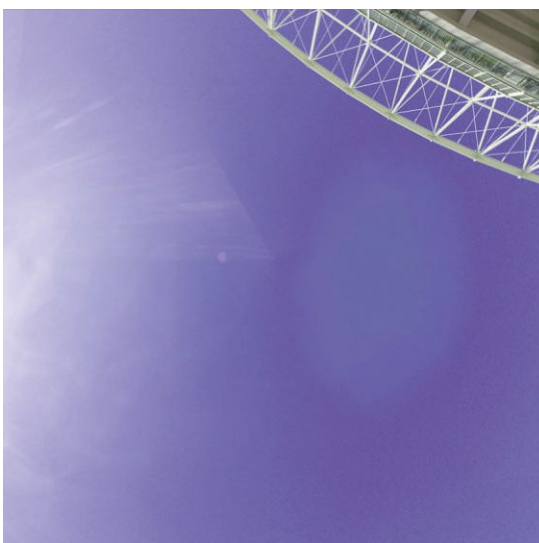
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_108_1.jpeg



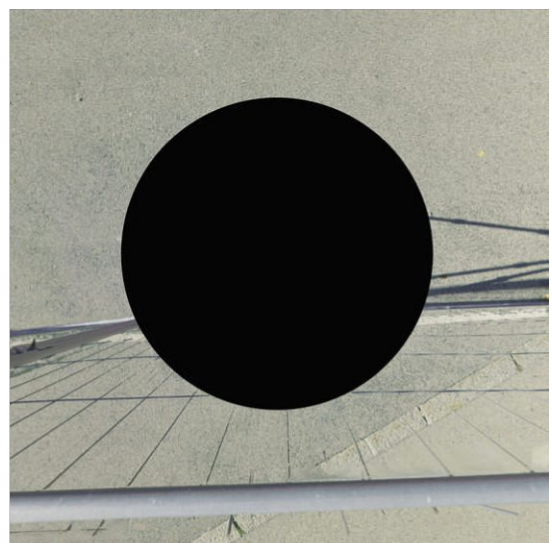
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_108_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_108_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_108_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_108_5.jpeg

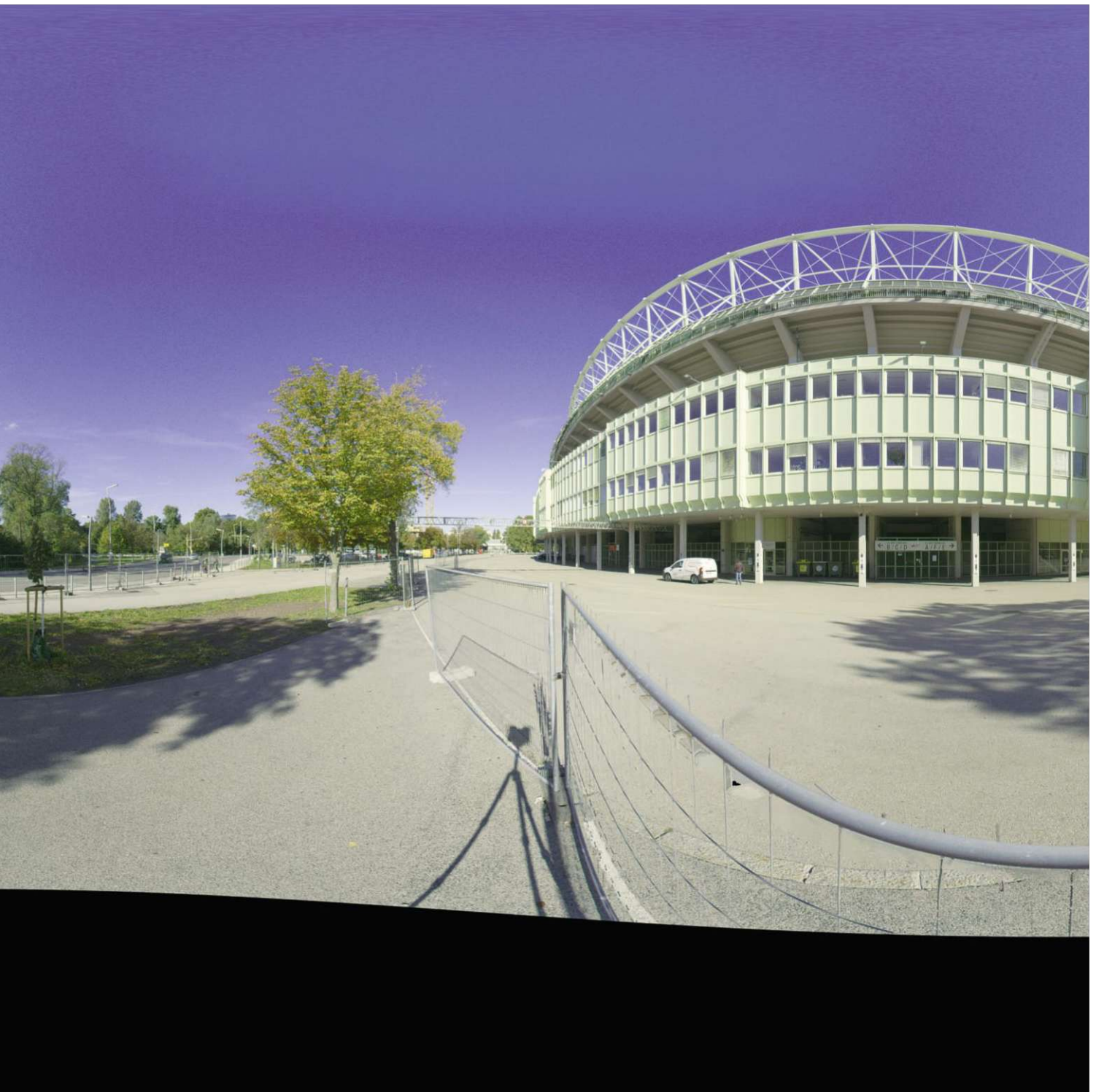
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_108.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -38379.63371$

$Y = -41844.36762$

$Z = 1643.25025$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_109_0.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_109_1.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_109_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_109_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_109_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_109_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_109.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

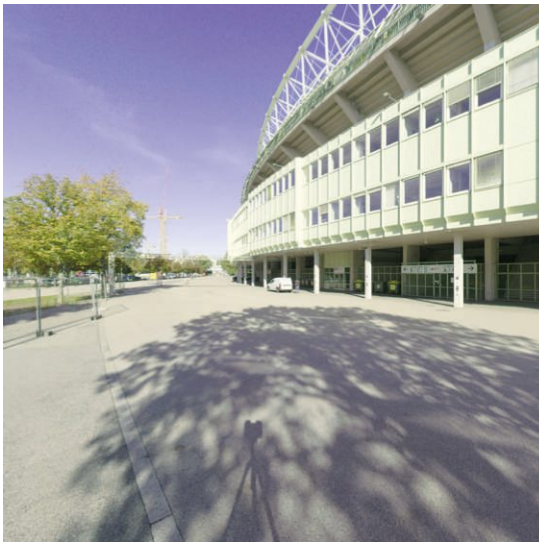
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -33498.93552$

$Y = -28244.59862$

$Z = 1835.17361$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_110_0.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_110_1.jpeg



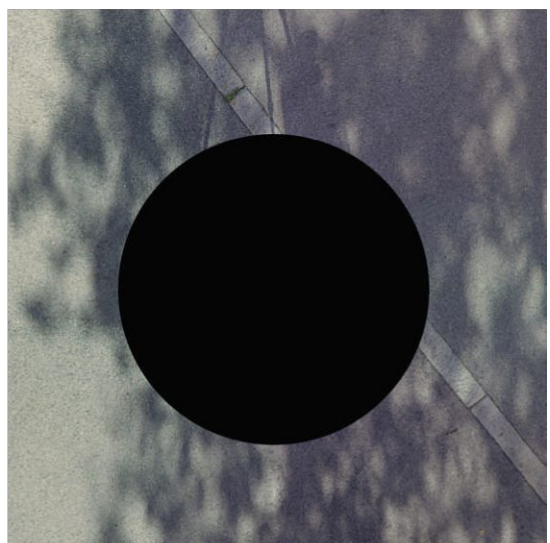
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_110_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_110_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_110_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_110_5.jpeg

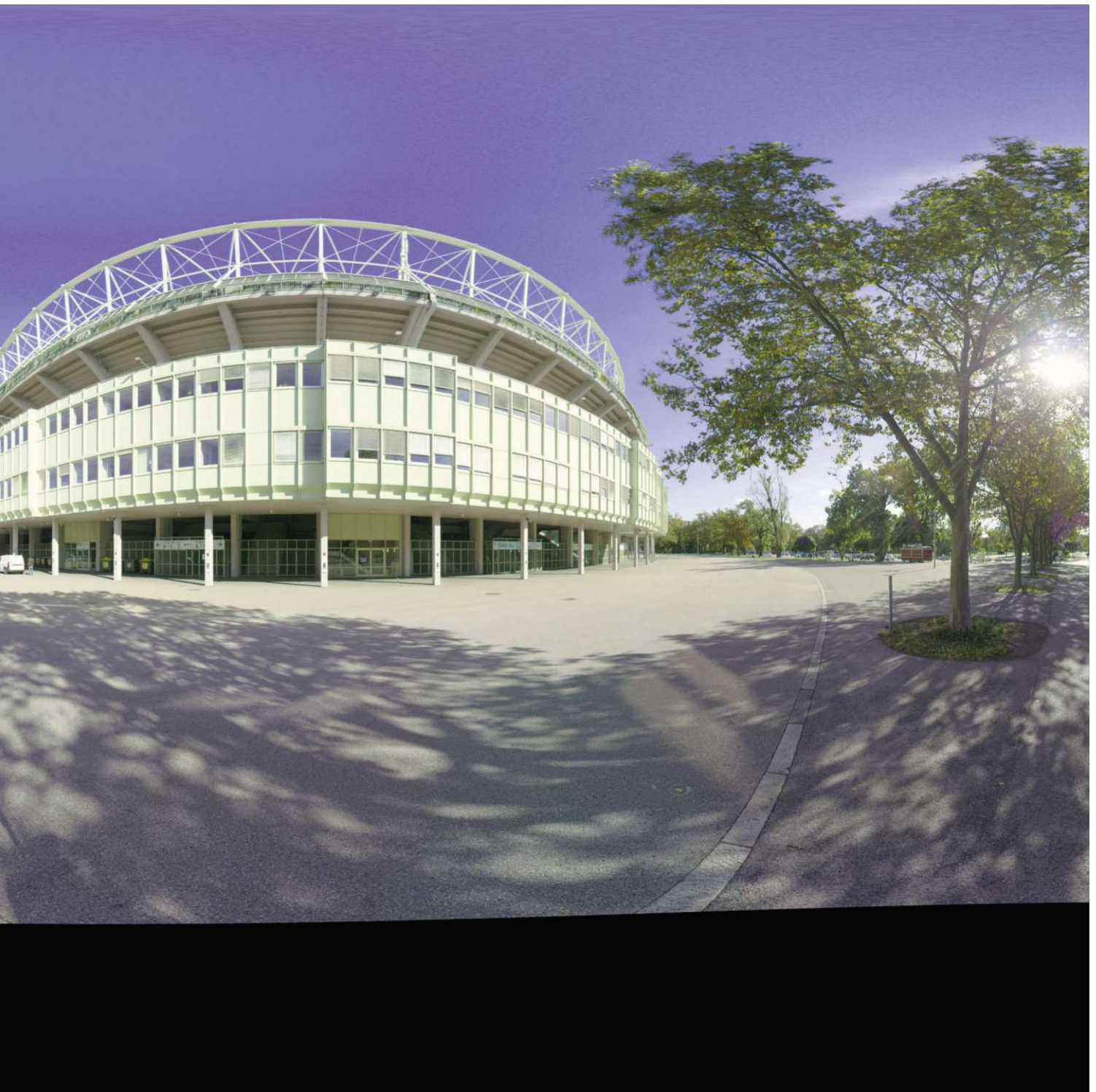
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_110.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

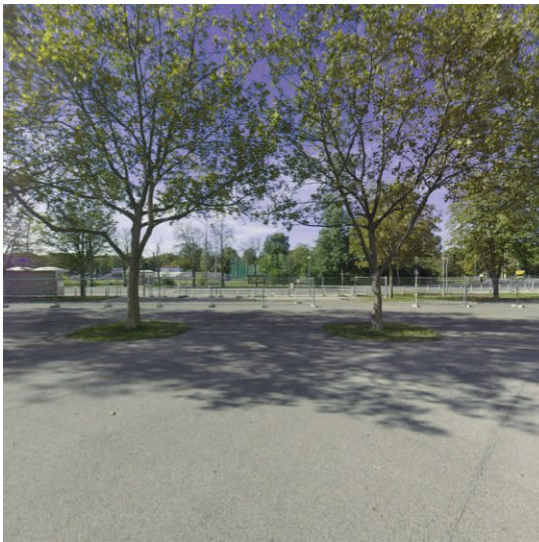
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -16099.43724

Y = -11907.23217

Z = 1957.47145



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_111_0.jpeg



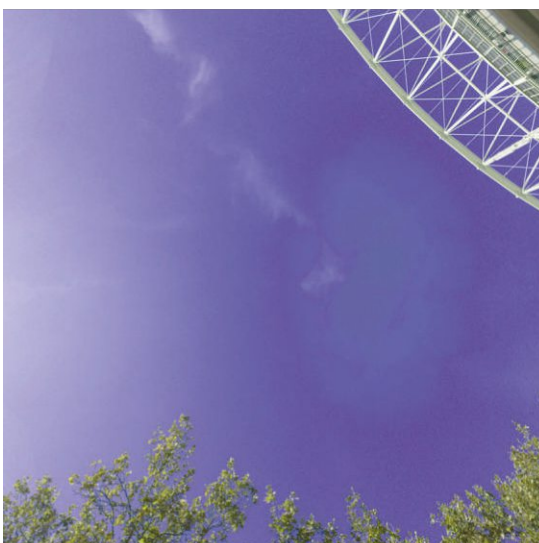
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_111_1.jpeg



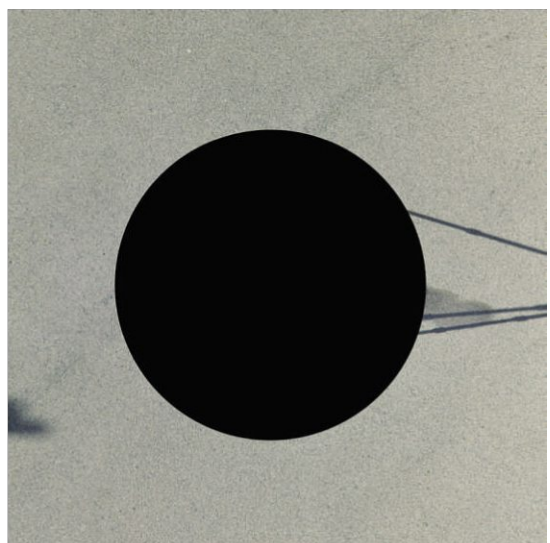
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_111_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_111_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_111_4.jpeg

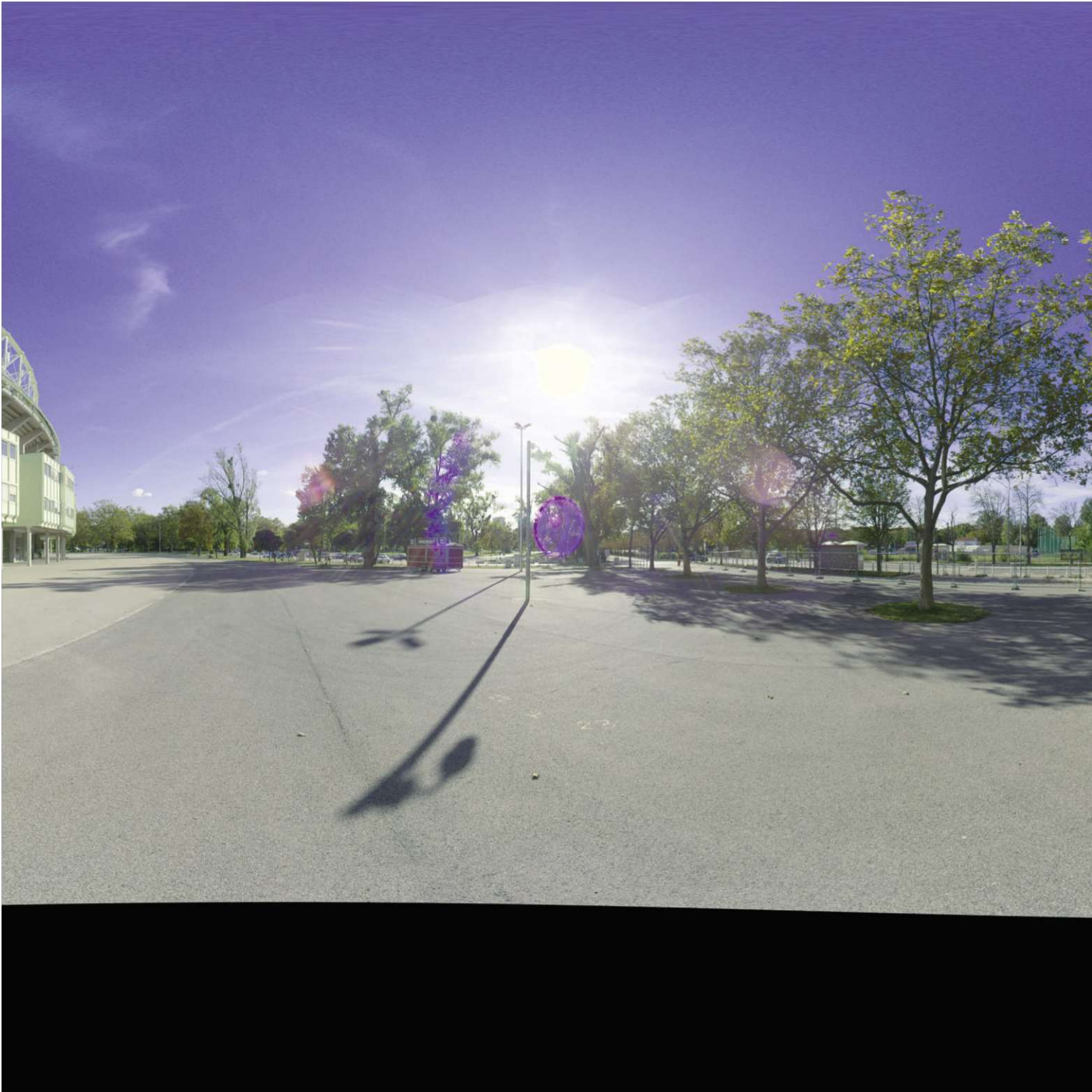


X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_111_5.jpeg

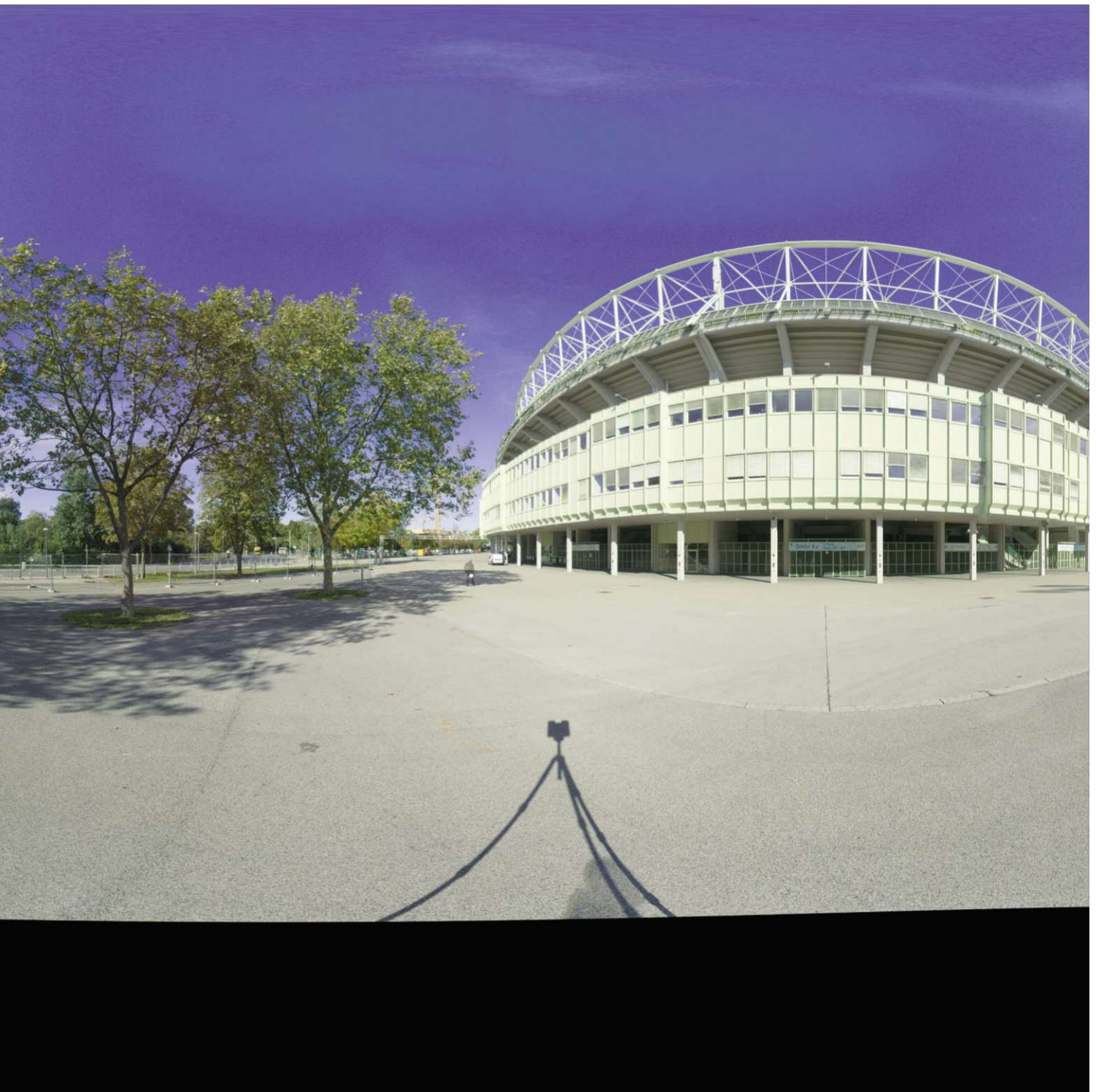
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_111.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -5261.62694$

$Y = 252.72614$

$Z = 2015.50875$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_112_0.jpeg



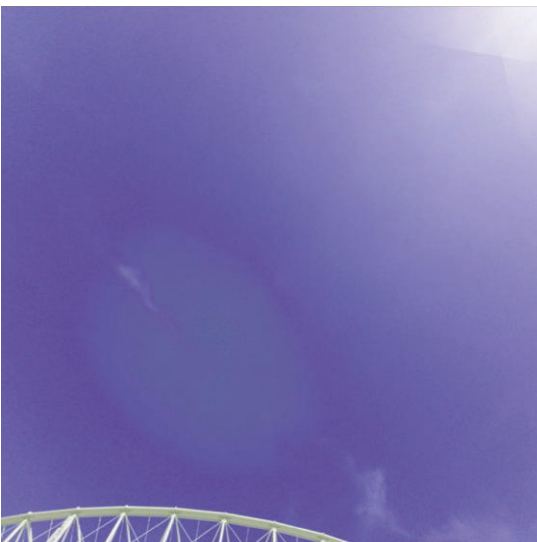
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_112_1.jpeg



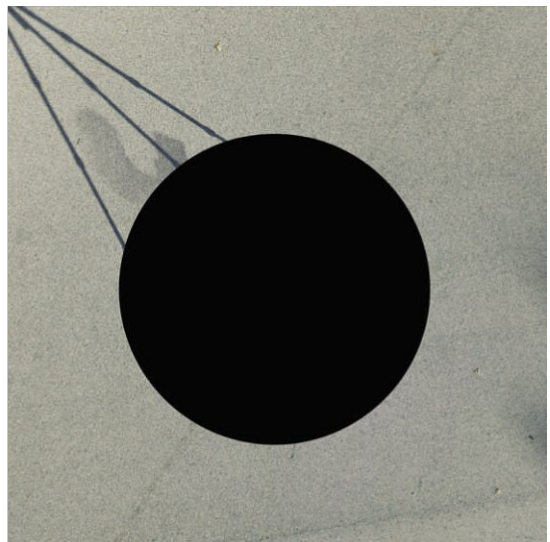
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_112_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_112_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_112_4.jpeg

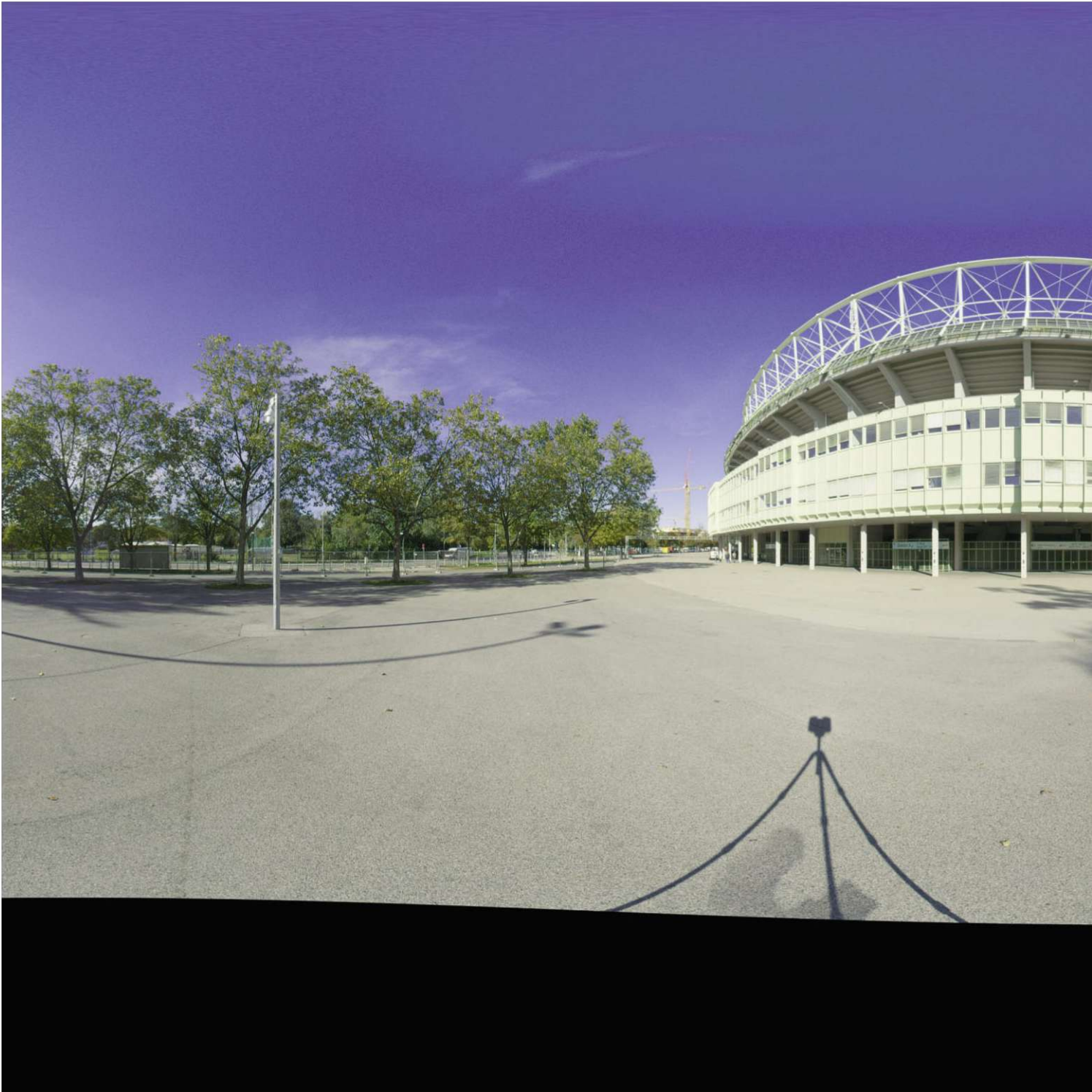


X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_112_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_112.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = 3735.06529$

$Y = 14153.64773$

$Z = 1965.14904$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_113_0.jpeg



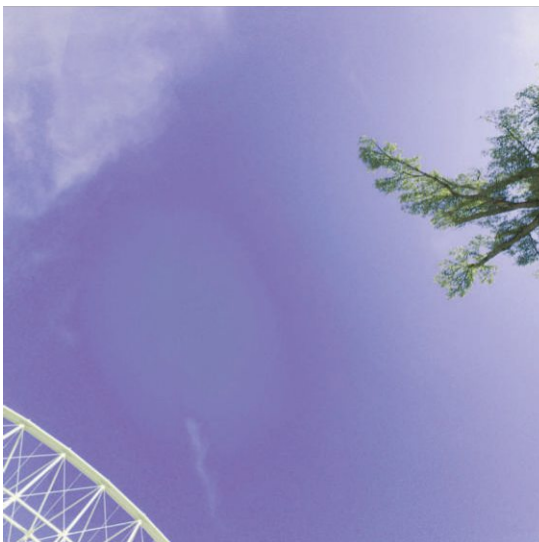
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_113_1.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_113_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_113_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_113_4.jpeg

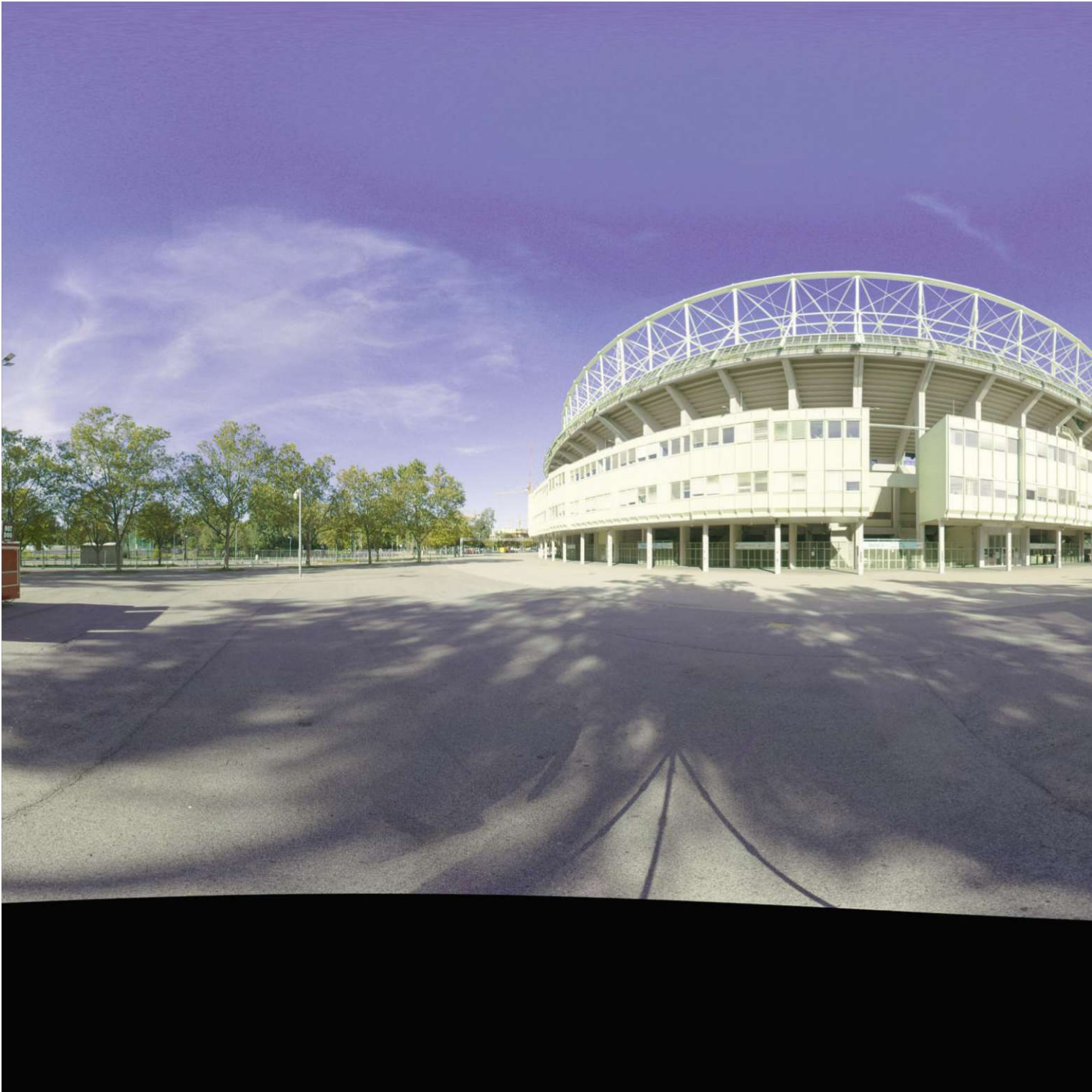


X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_113_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_113.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

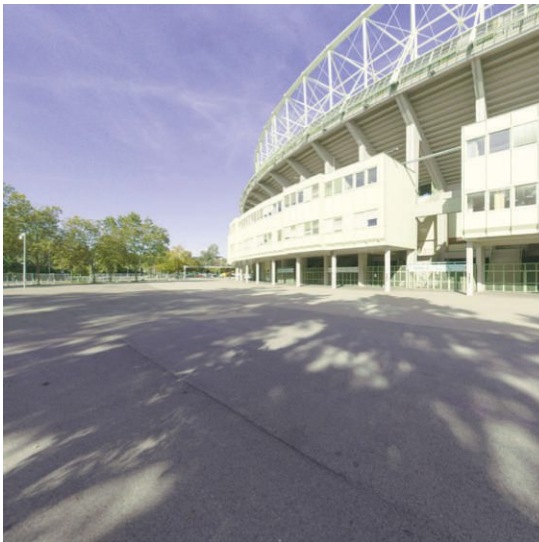
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = 7313.73024$

$Y = 30167.6708$

$Z = 1587.13576$



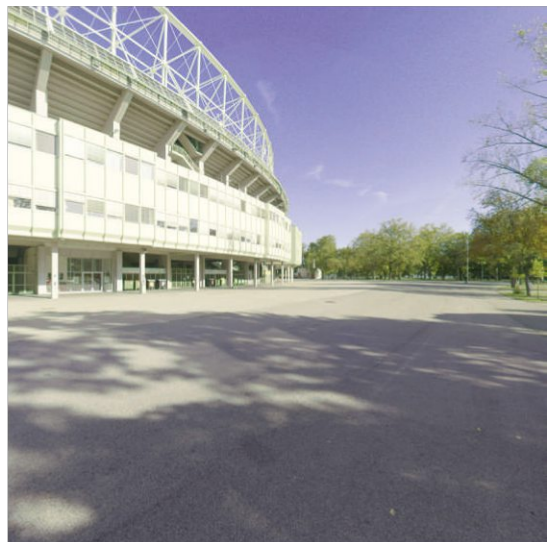
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_114_0.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_114_1.jpeg



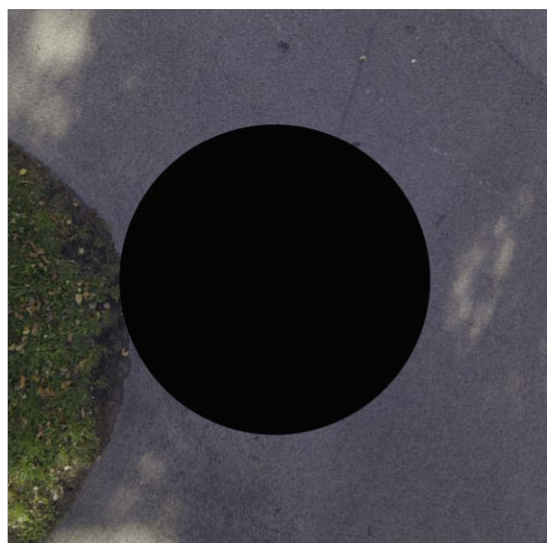
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_114_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_114_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_114_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_114_5.jpeg

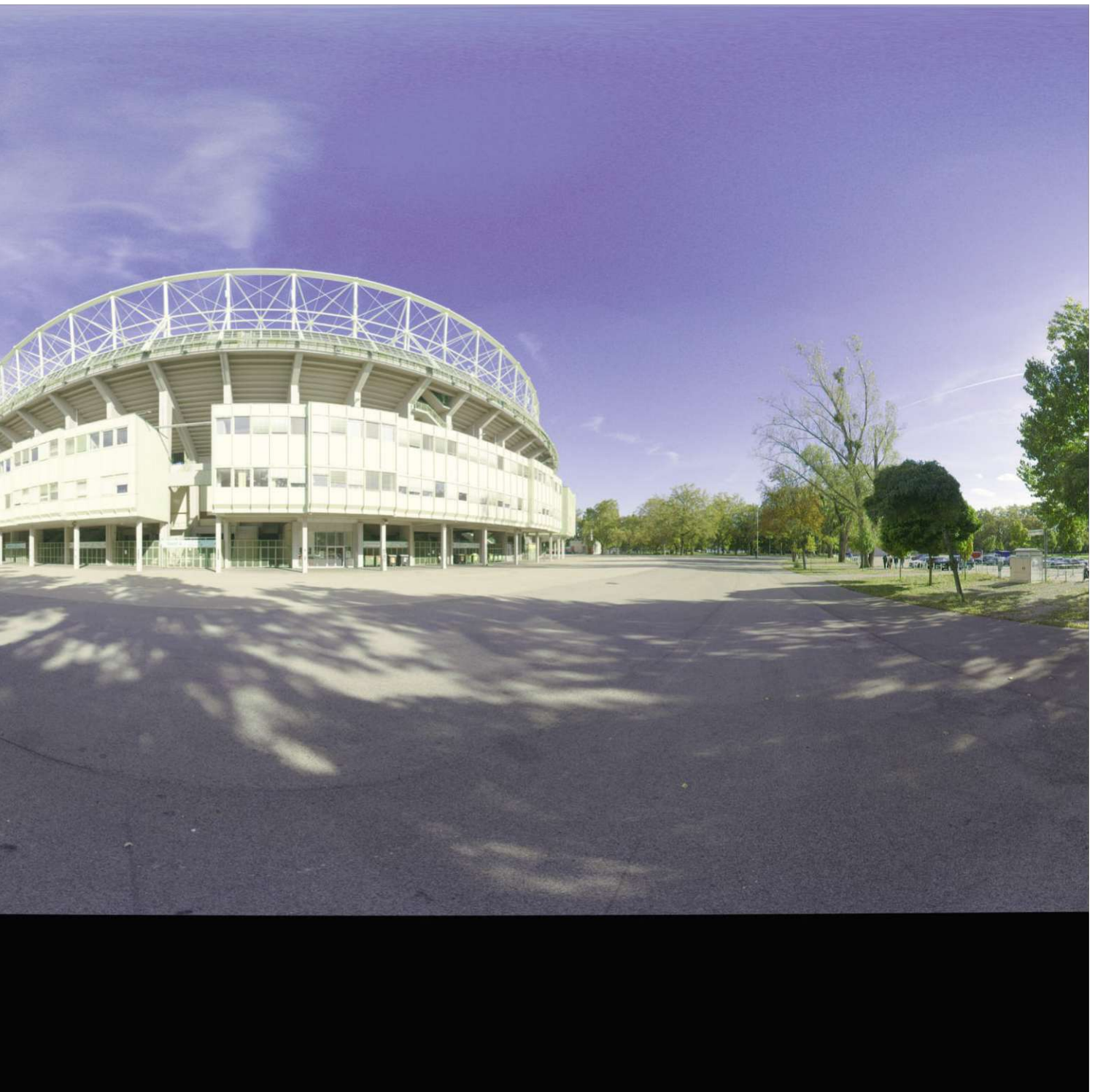
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_114.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

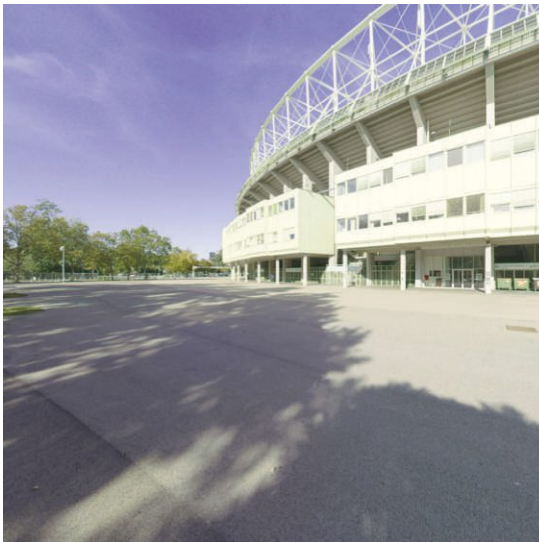
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = 11922.24021$

$Y = 46571.1609$

$Z = 1448.1611$



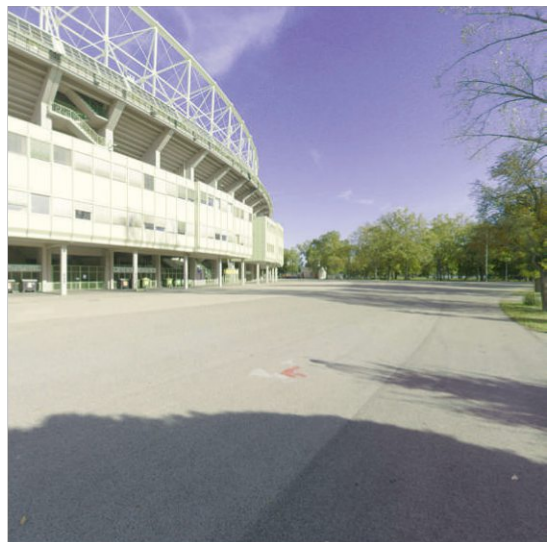
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_115_0.jpeg



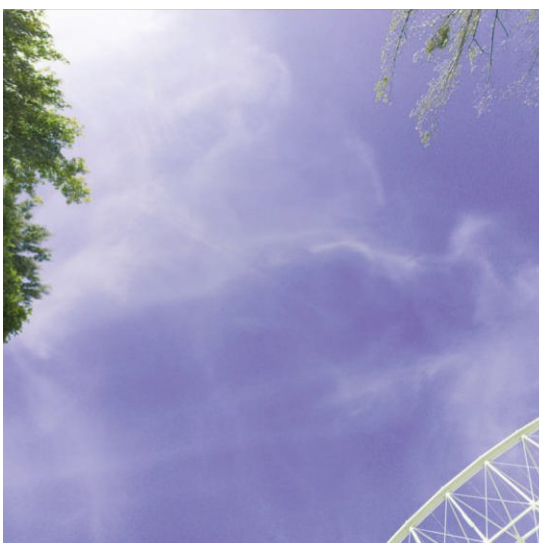
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_115_1.jpeg



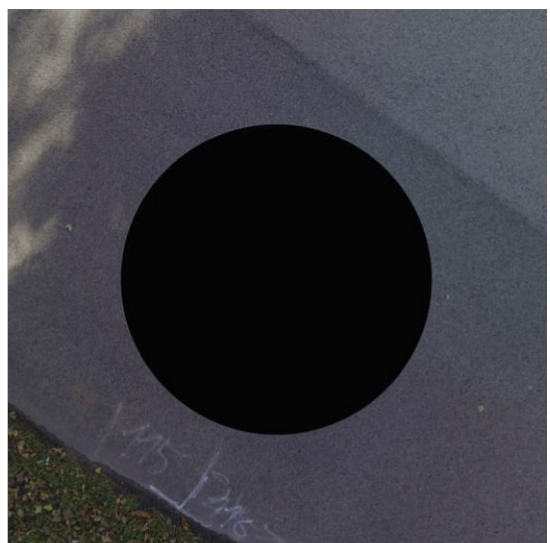
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_115_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_115_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_115_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_115_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_115.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -46033.04029$

$Y = -23967.49342$

$Z = 1721.33126$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_116_0.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_116_1.jpeg



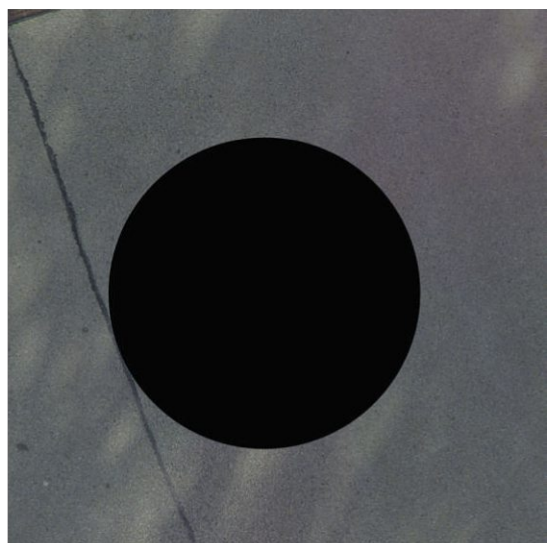
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_116_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_116_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_116_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_116_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_116.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -57730.38595$

$Y = -36730.45511$

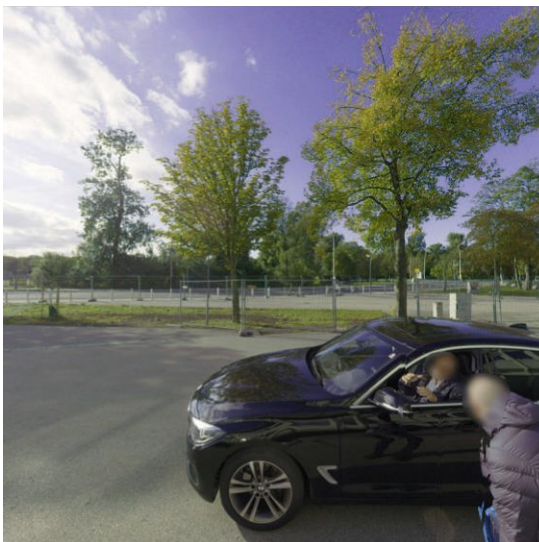
$Z = 1757.21419$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_117_0.jpeg



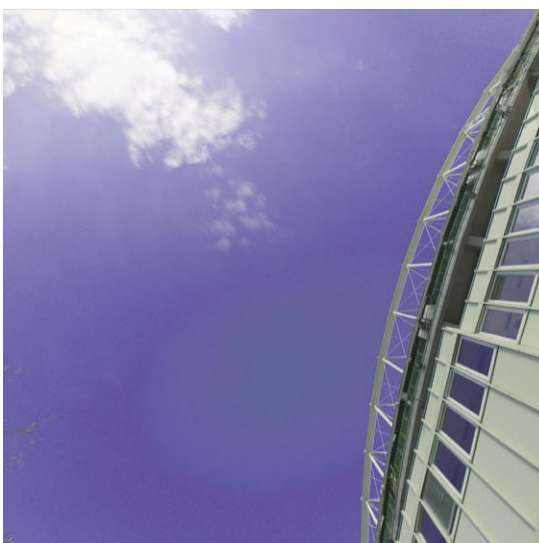
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_117_1.jpeg



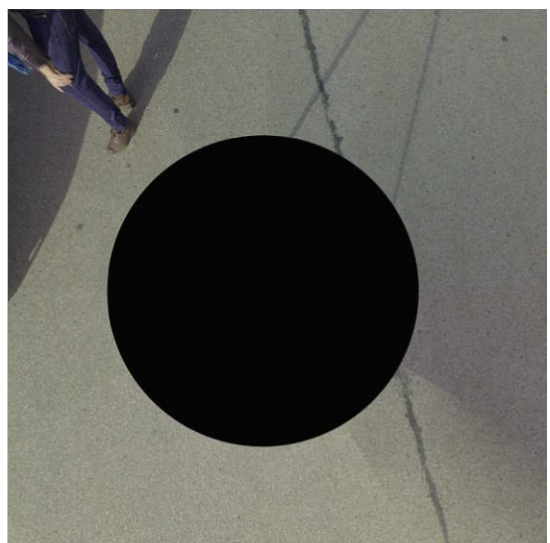
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_117_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_117_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_117_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_117_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_117.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -76217.18473$

$Y = -50426.9946$

$Z = 1792.34554$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_118_0.jpeg



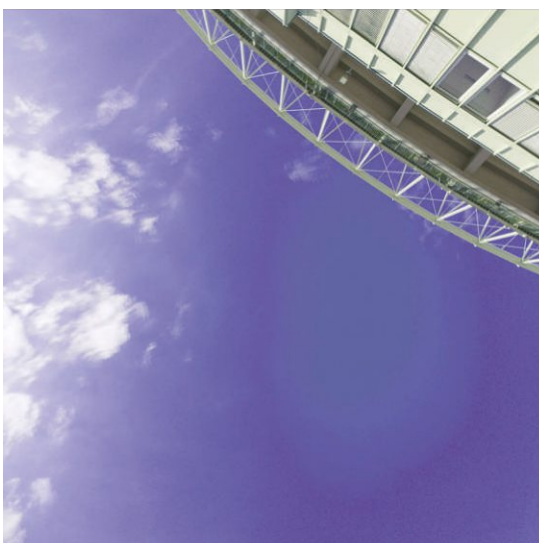
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_118_1.jpeg



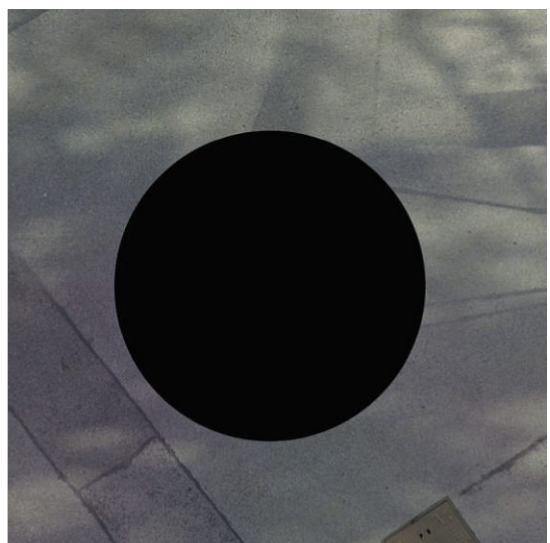
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_118_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_118_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_118_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_118_5.jpeg

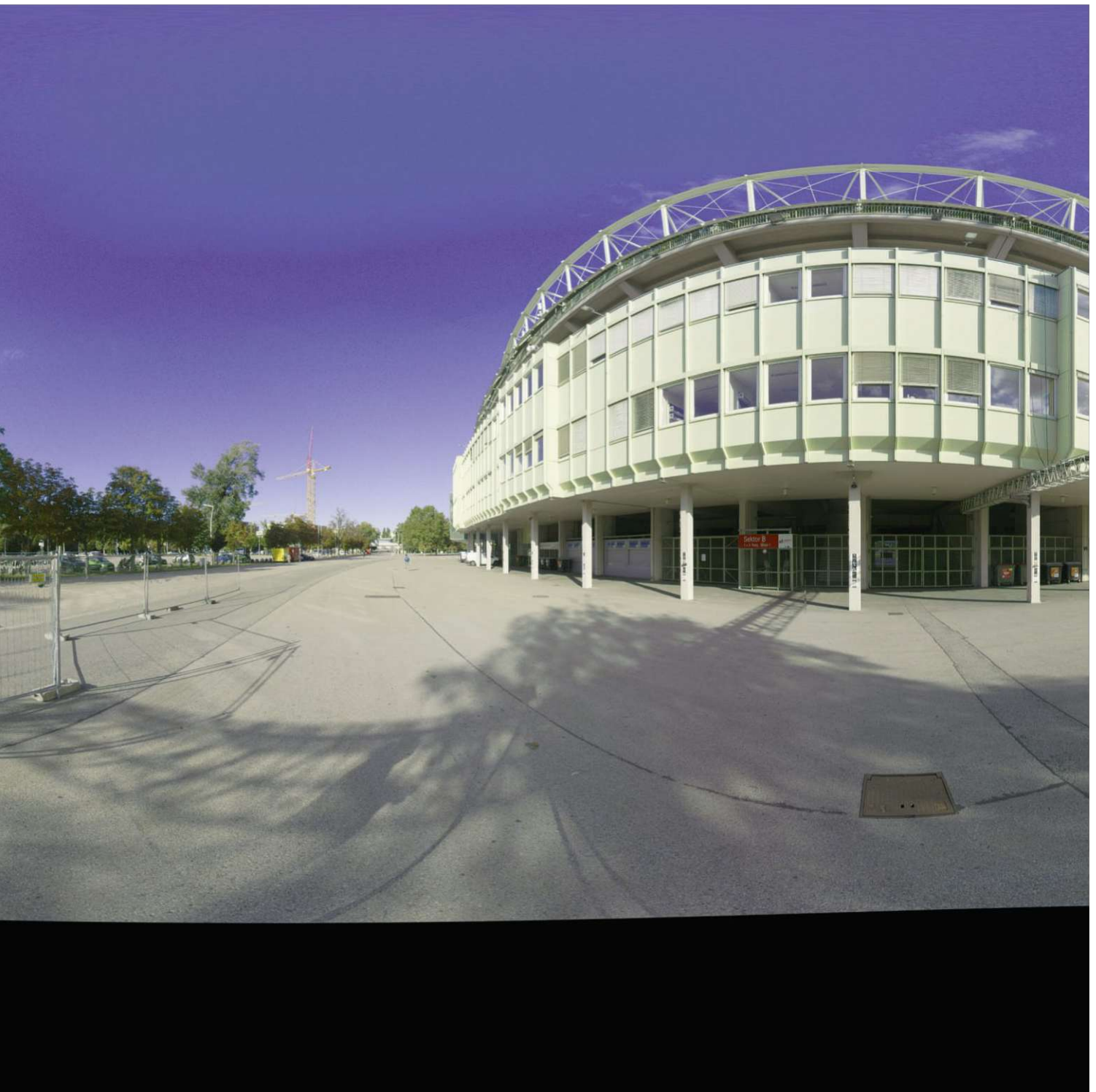
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_118.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -101644.10985$

$Y = -59330.69283$

$Z = 1769.06035$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_119_0.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_119_1.jpeg



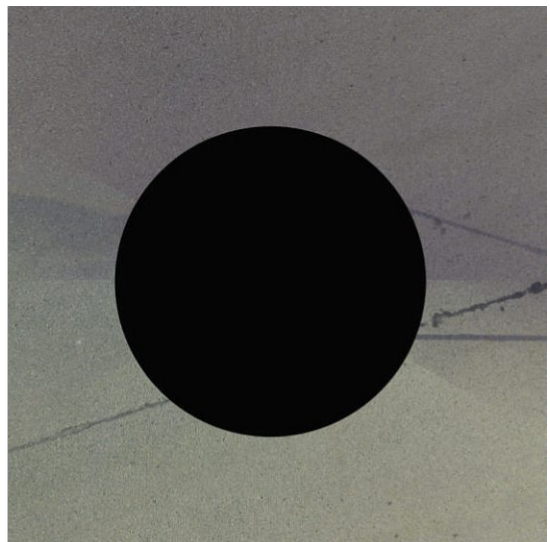
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_119_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_119_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_119_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_119_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_119.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

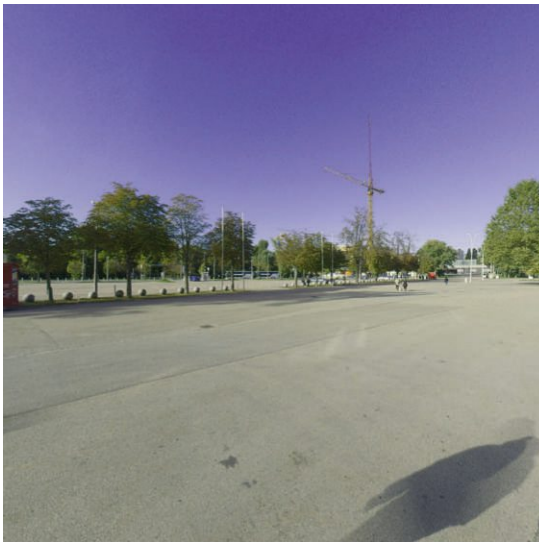
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -137177.03327$

$Y = -66547.58193$

$Z = 1741.41638$



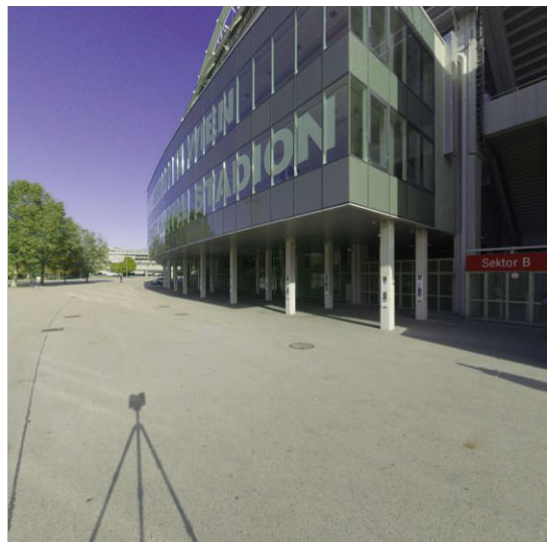
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_120_0.jpeg



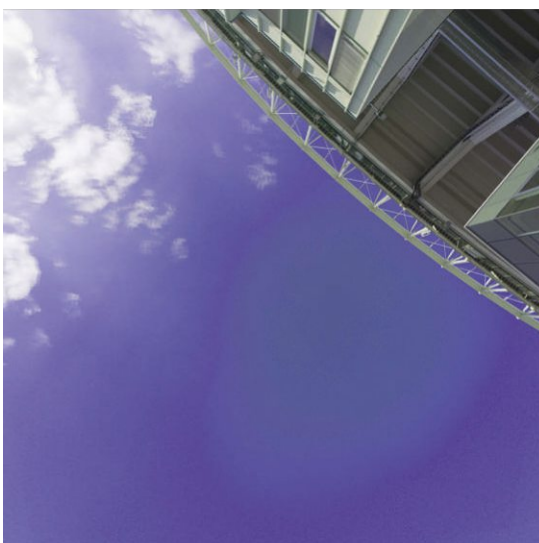
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_120_1.jpeg



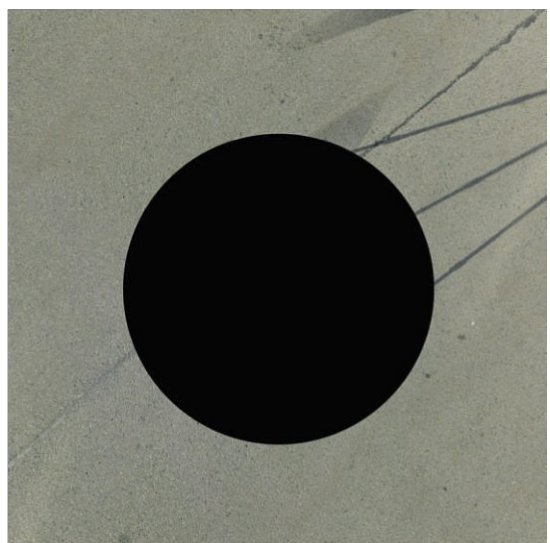
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_120_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_120_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_120_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_120_5.jpeg

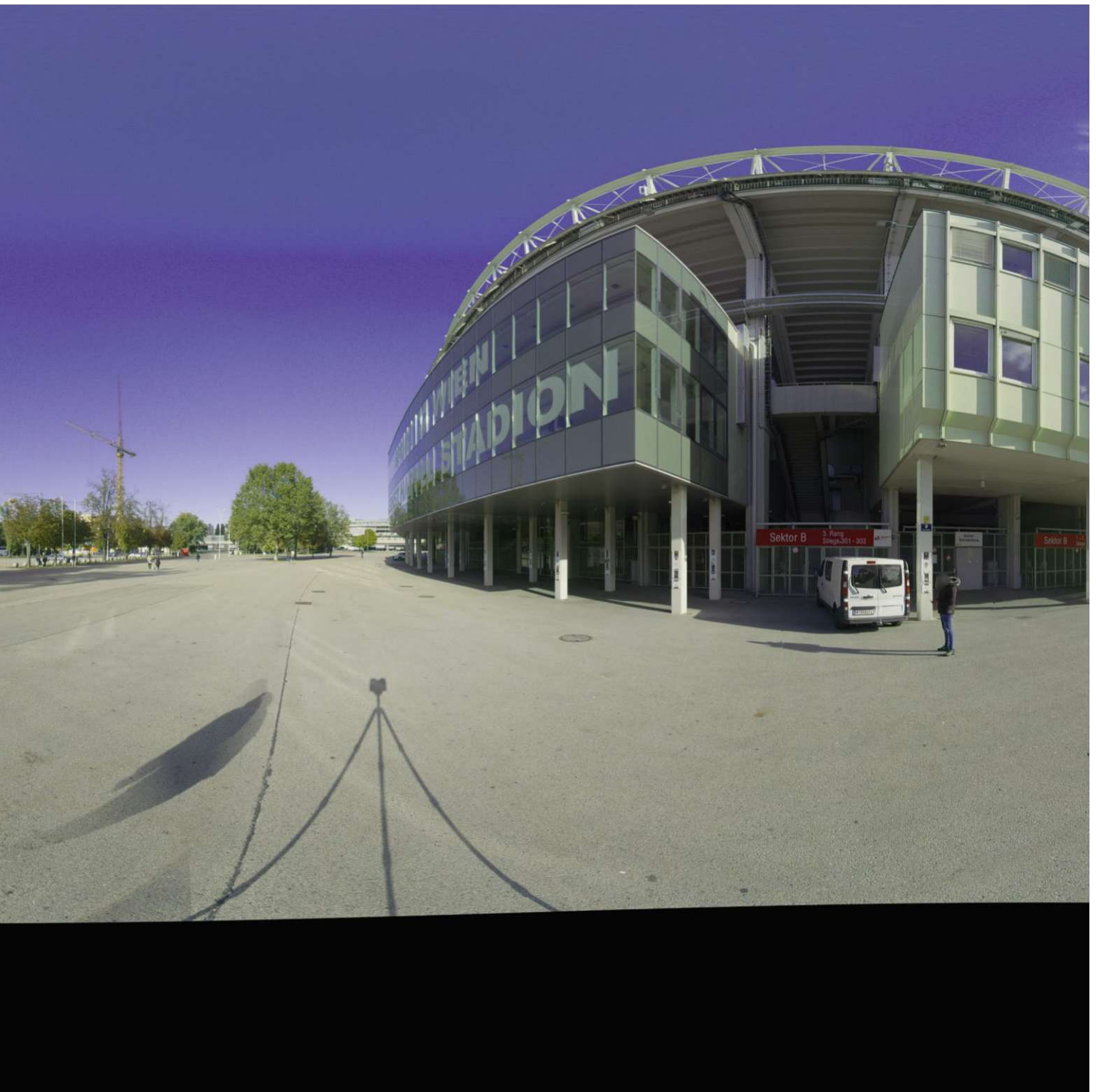
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_120.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -178028.78867$

$Y = -69545.39271$

$Z = 1775.13711$



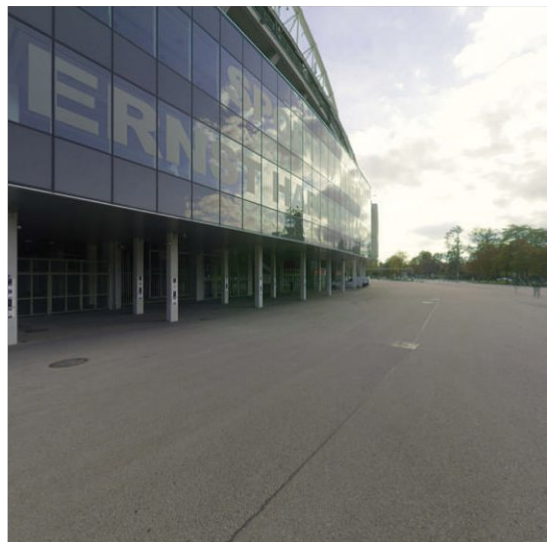
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_121_0.jpeg



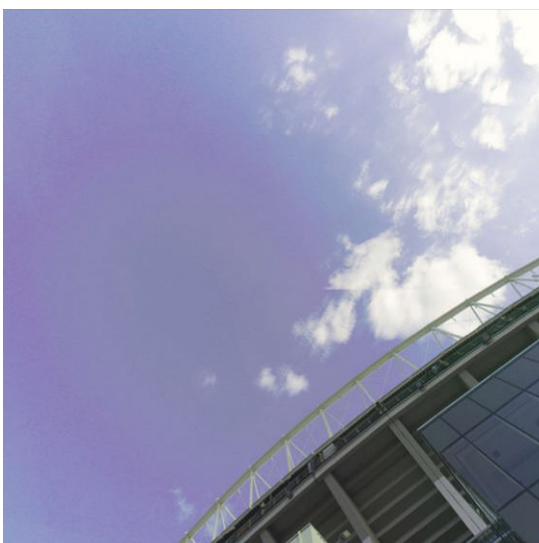
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_121_1.jpeg



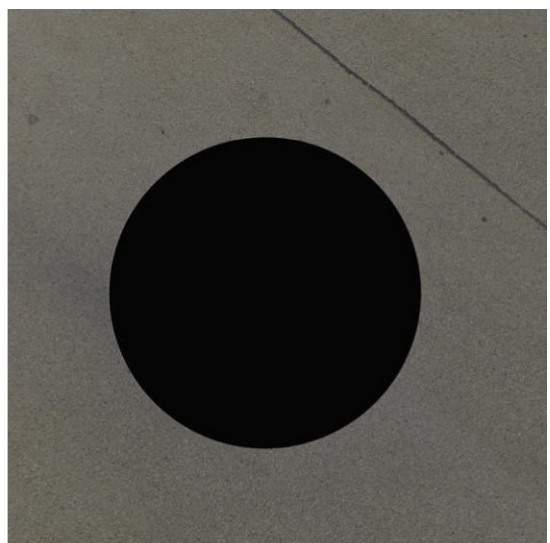
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_121_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_121_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_121_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_121_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_121.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

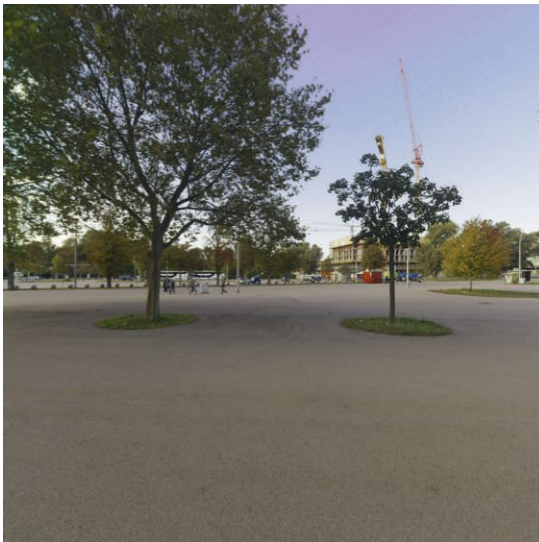
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -214551.90891$

$Y = -62747.29115$

$Z = 1755.53693$



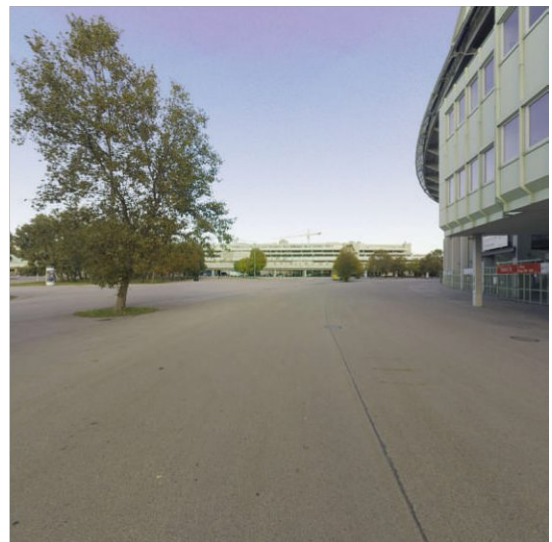
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_122_0.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_122_1.jpeg



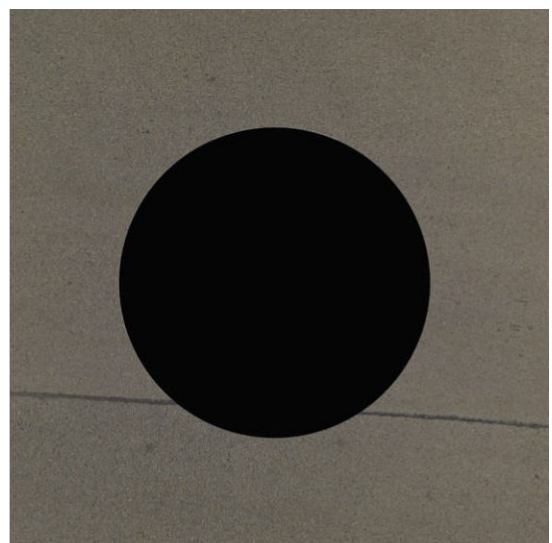
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_122_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_122_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_122_4.jpeg

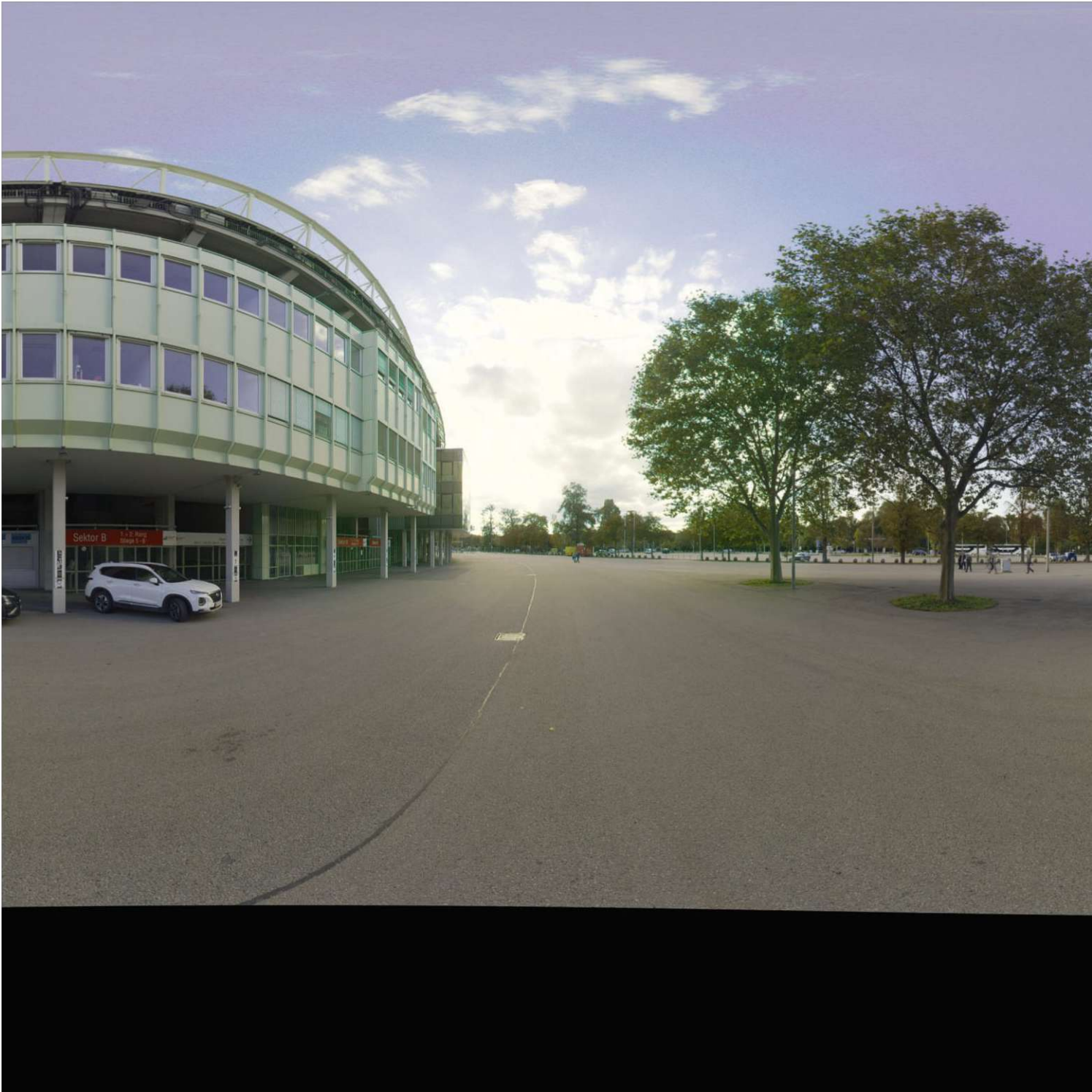


X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_122_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_122.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -240132.43781$

$Y = -52758.04195$

$Z = 1754.42306$



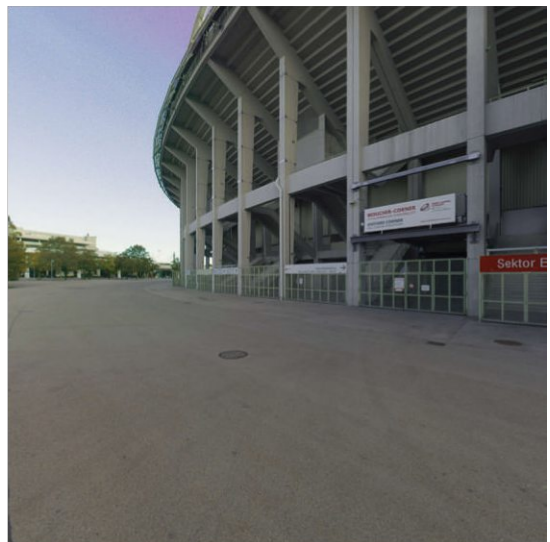
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_123_0.jpeg



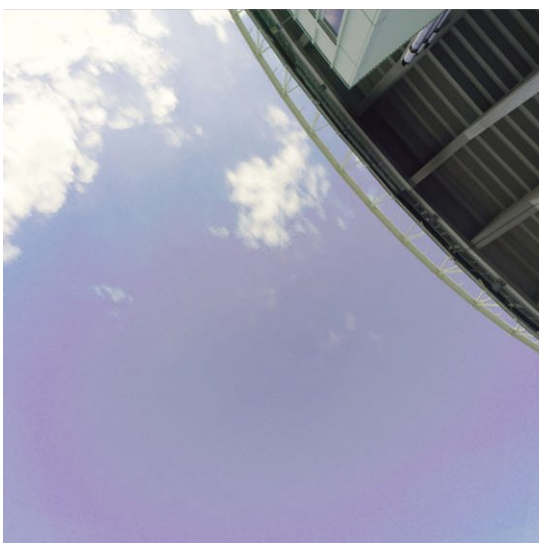
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_123_1.jpeg



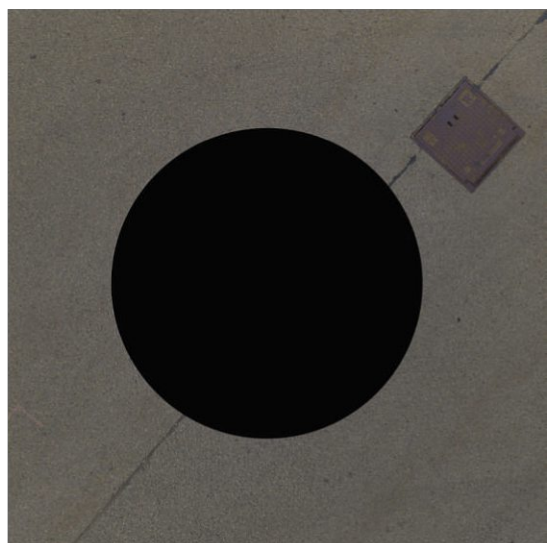
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_123_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_123_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_123_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_123_5.jpeg

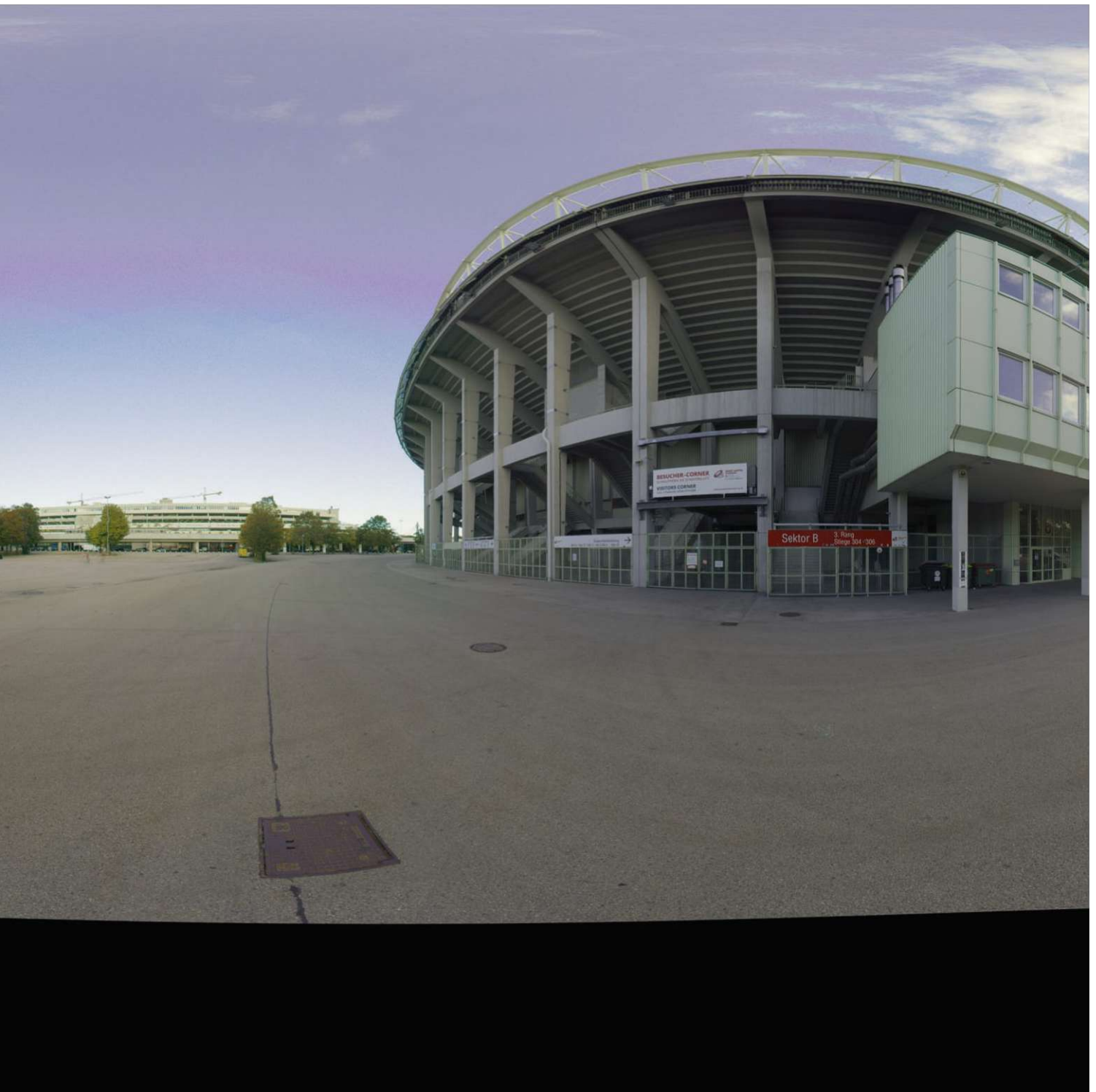
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_123.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -265114.66236$

$Y = -33512.94131$

$Z = 1683.71325$



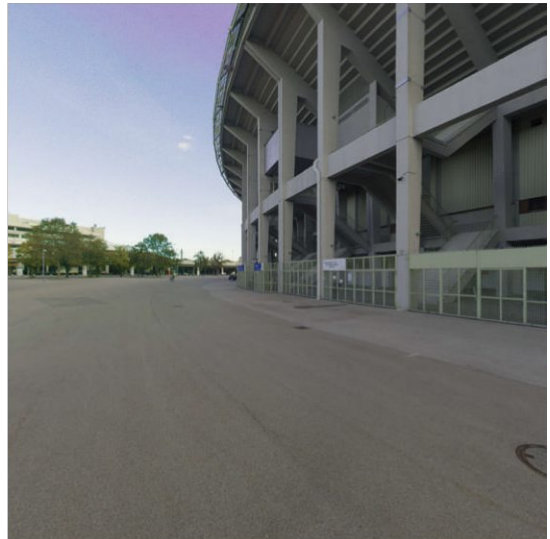
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_124_0.jpeg



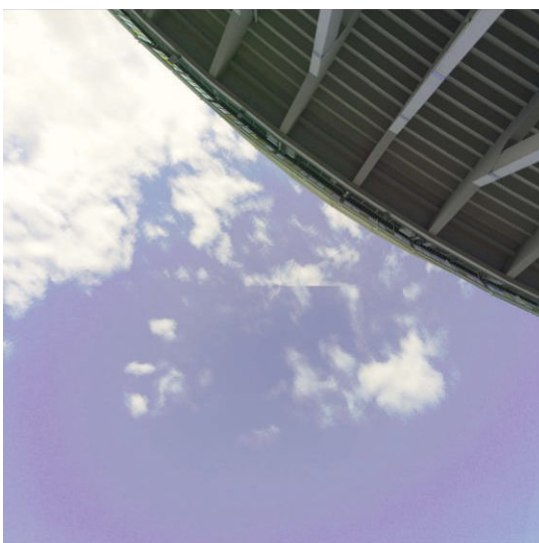
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_124_1.jpeg



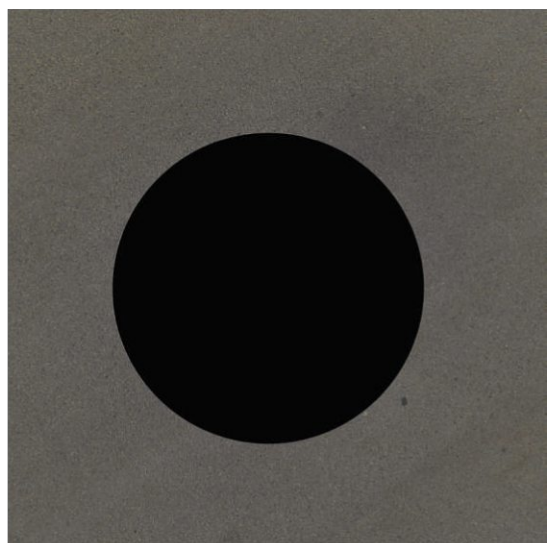
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_124_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_124_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_124_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_124_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_124.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -287954.30295

Y = -7520.62921

Z = 1690.60331



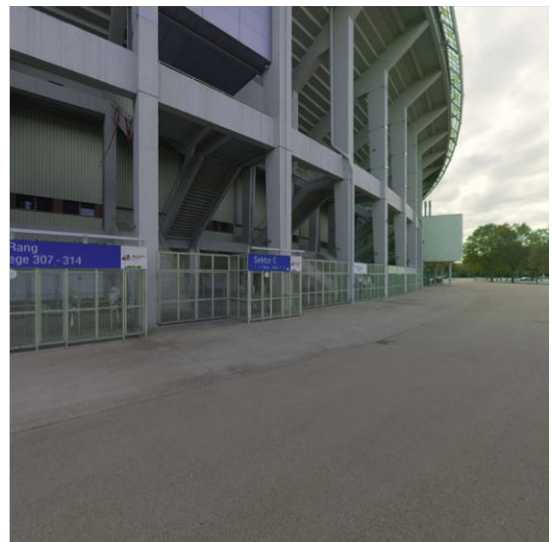
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_125_0.jpeg



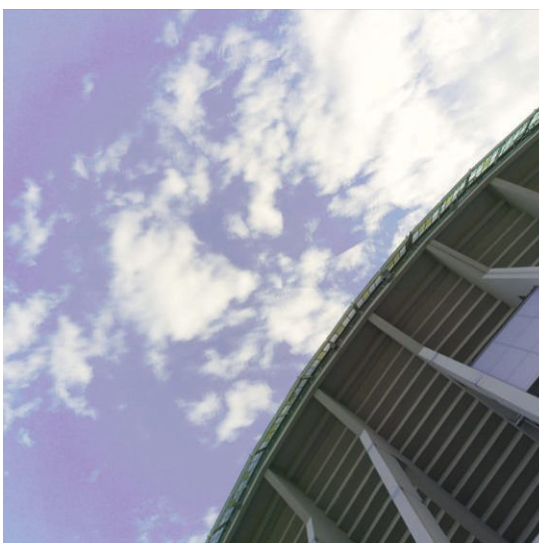
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_125_1.jpeg



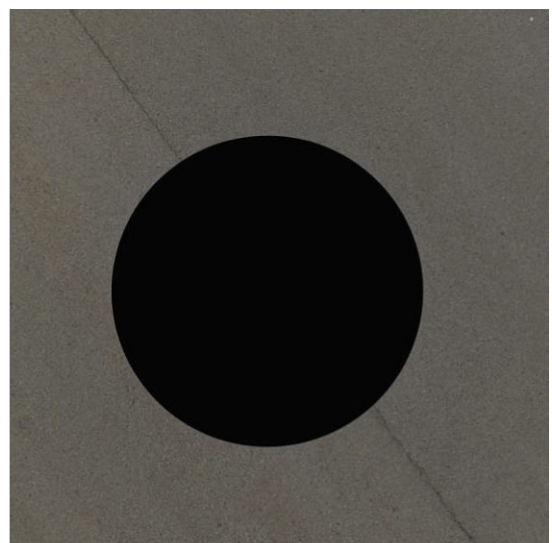
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_125_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_125_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_125_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_125_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_125.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

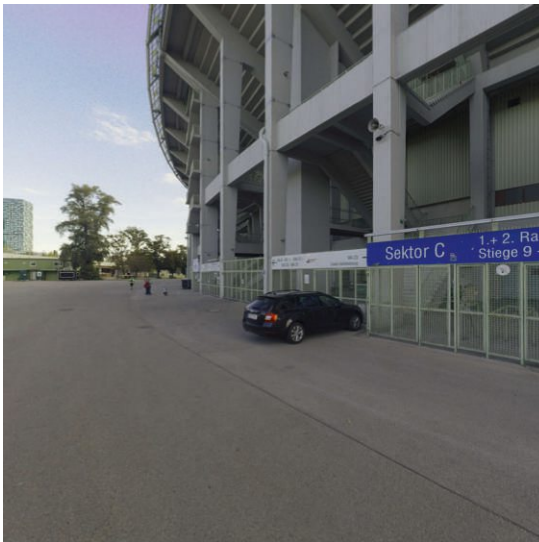
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -300846.61155$

$Y = 21789.88455$

$Z = 1660.48265$



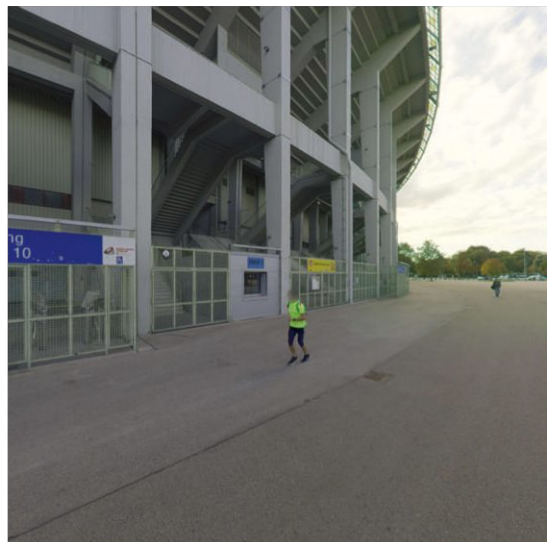
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_126_0.jpeg



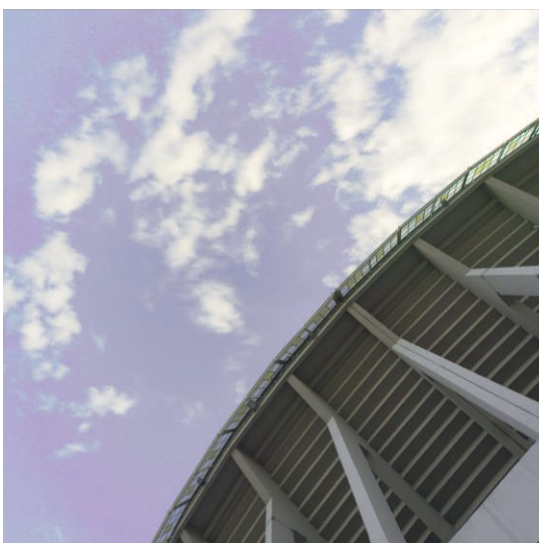
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_126_1.jpeg



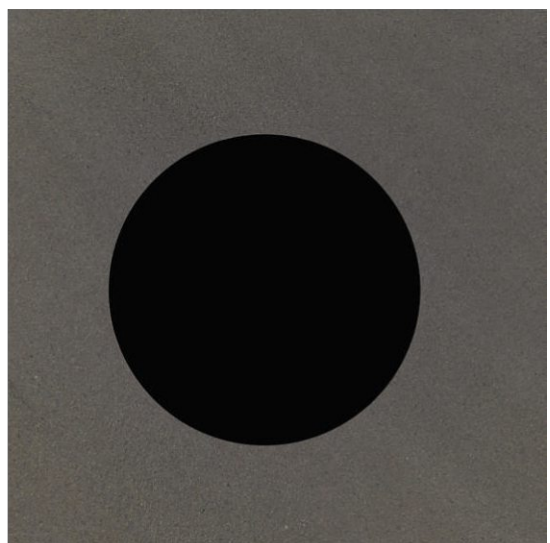
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_126_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_126_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_126_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_126_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_126.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

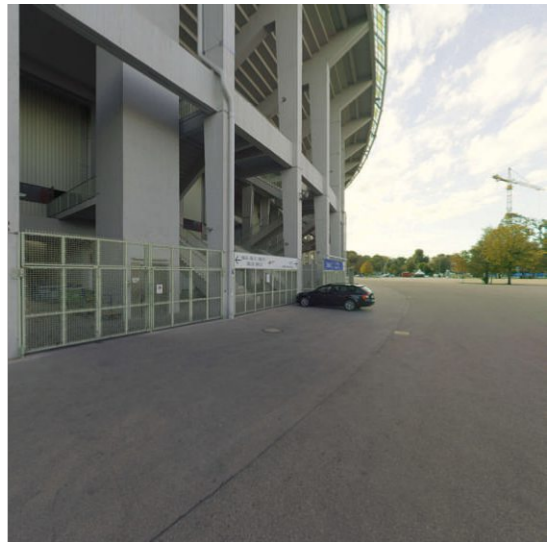
$X = -304803.38317$

$Y = 43555.46488$

$Z = 1650.35092$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_127_0.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_127_1.jpeg



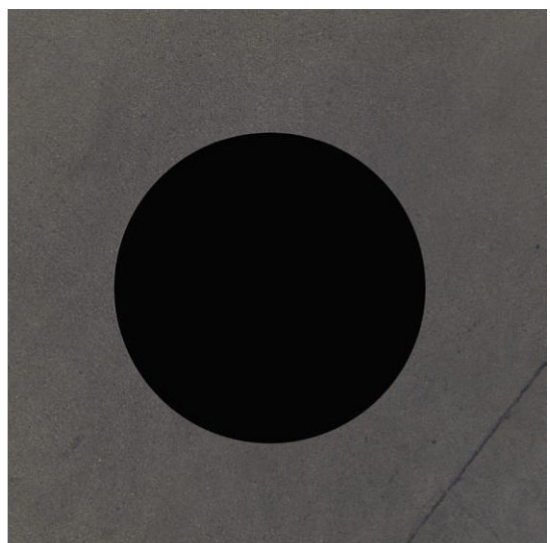
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_127_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_127_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_127_4.jpeg

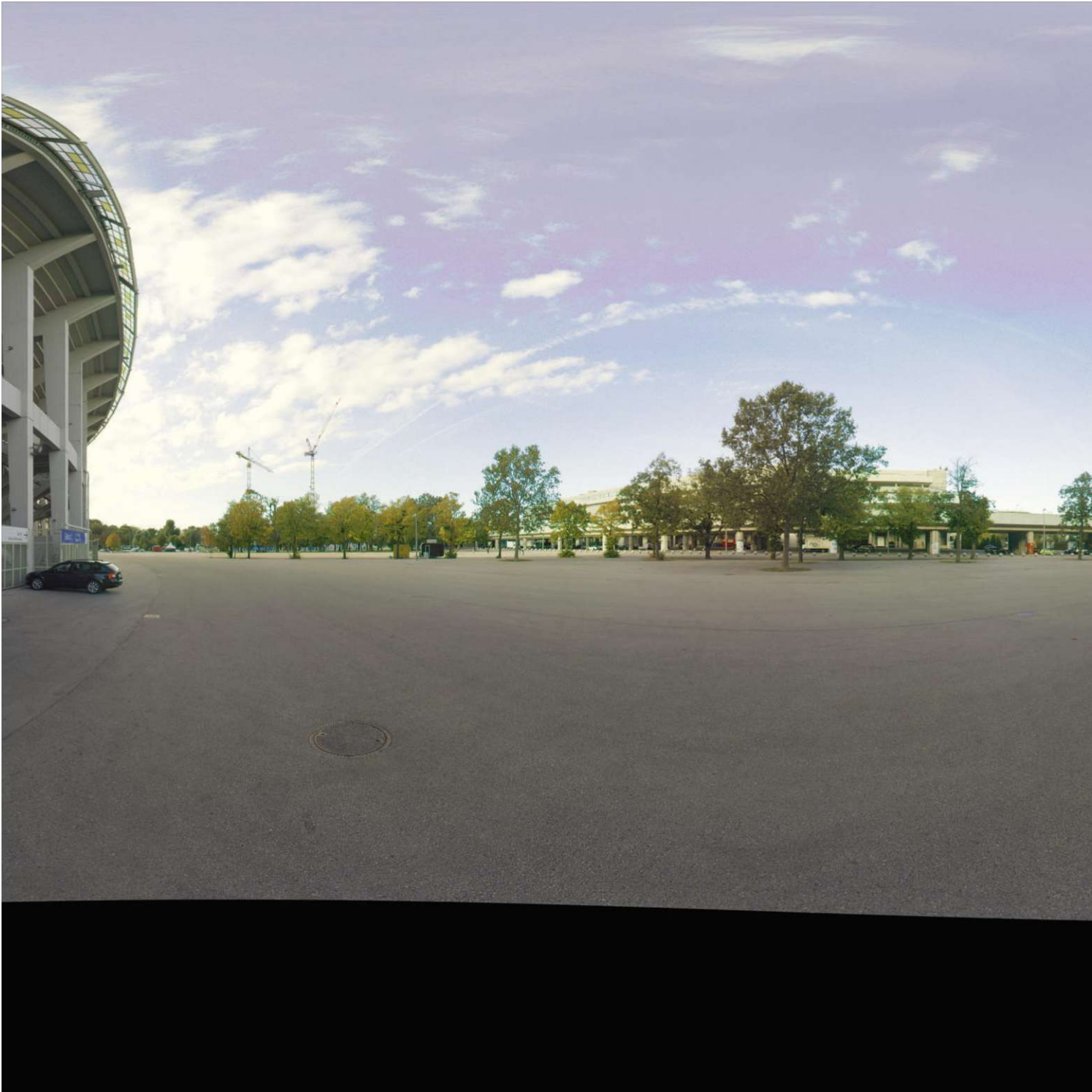


X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_127_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_127.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

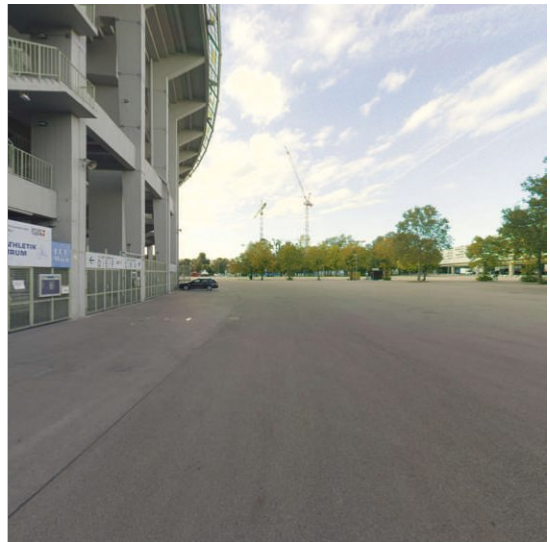
X = -305499.85618

Y = 62694.39888

Z = 1627.99304



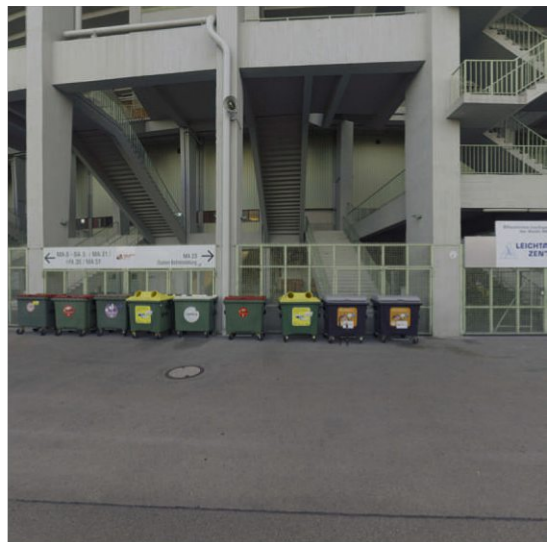
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_128_0.jpeg



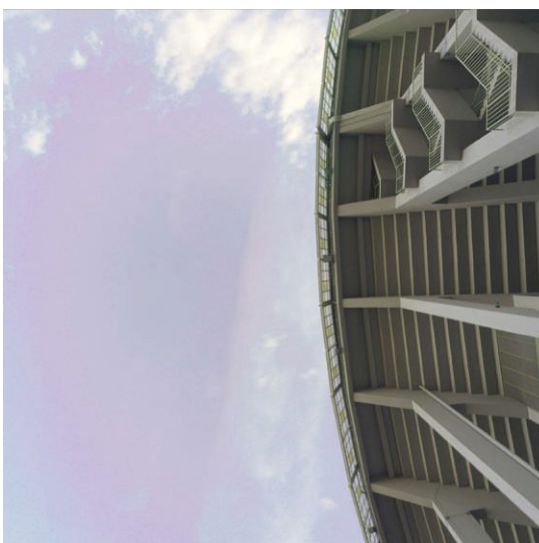
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_128_1.jpeg



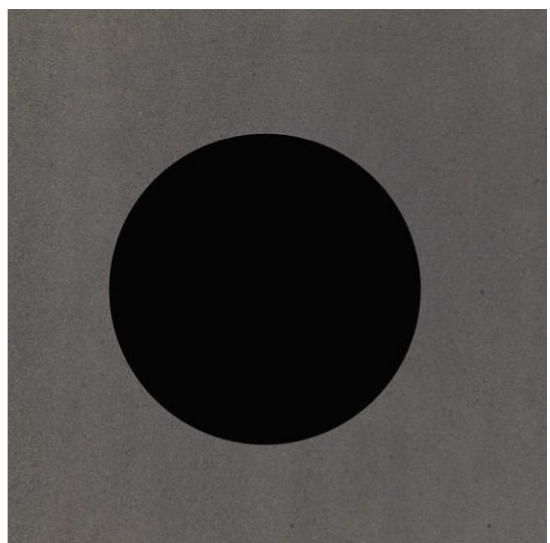
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_128_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_128_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_128_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_128_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_128.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

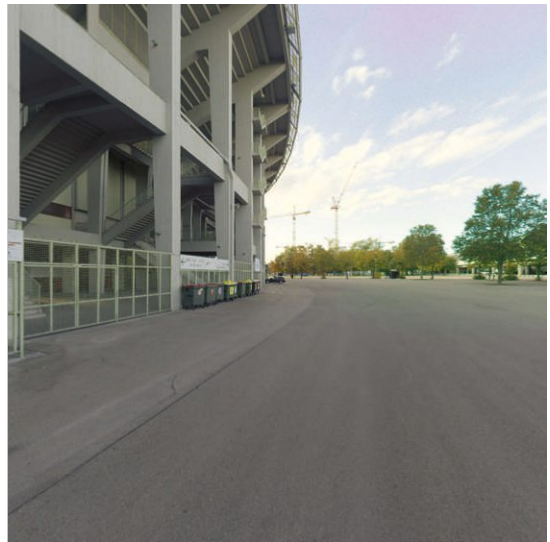
$X = -302291.14723$

$Y = 85123.58941$

$Z = 1609.644$



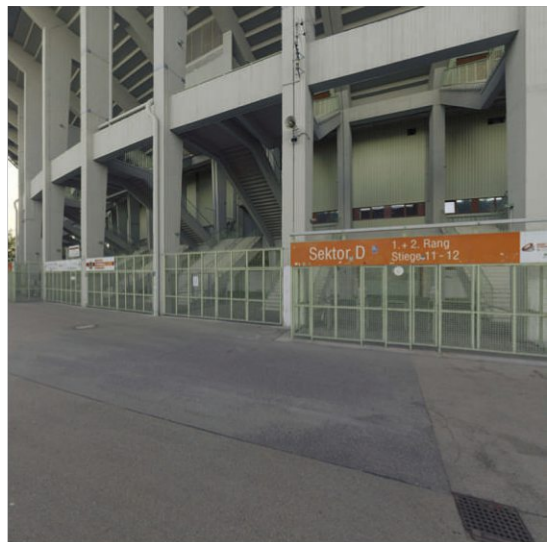
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_129_0.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_129_1.jpeg



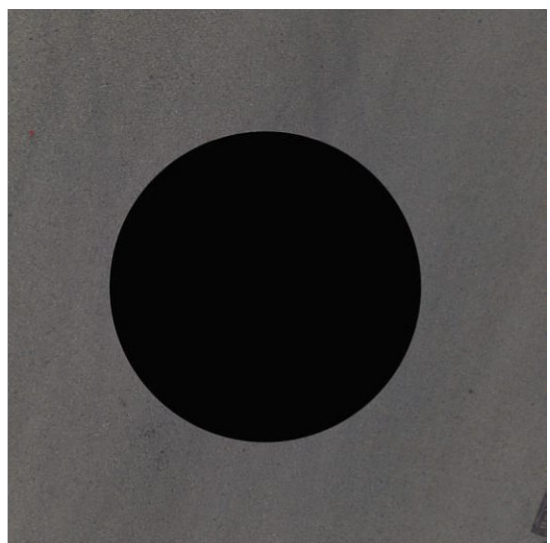
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_129_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_129_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_129_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_129_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_129.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

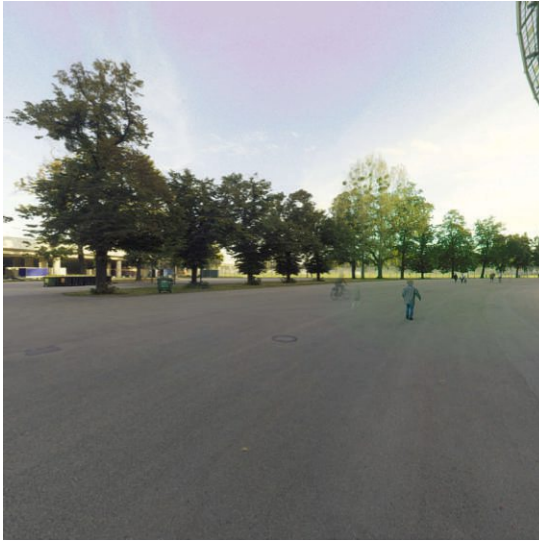
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

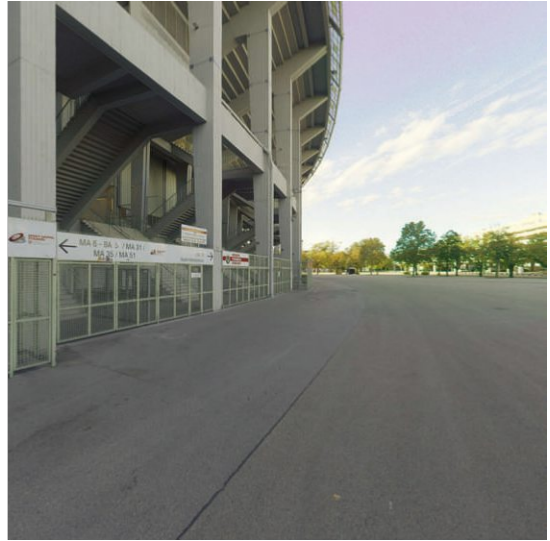
X = -288803.52764

Y = 112134.11699

Z = 1632.86852



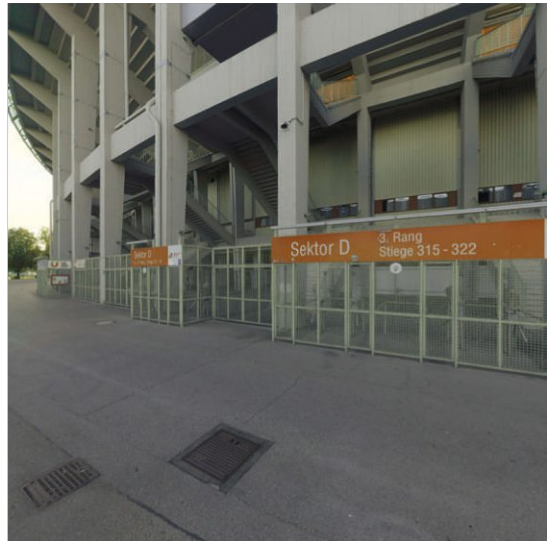
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_130_0.jpeg



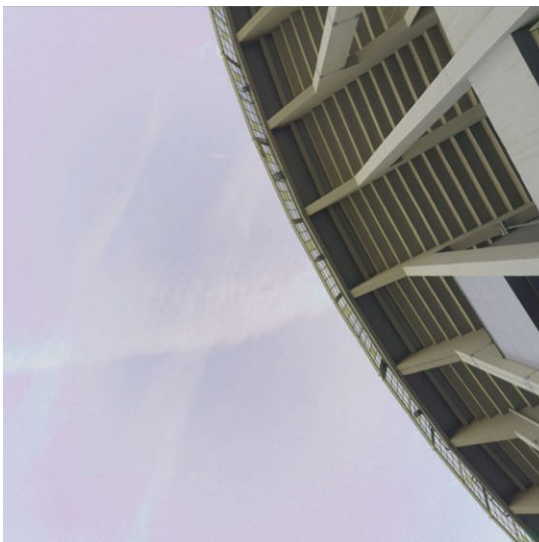
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_130_1.jpeg



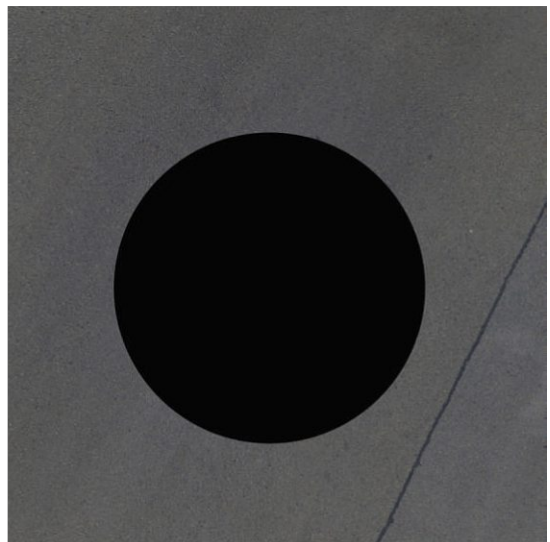
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_130_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_130_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_130_4.jpeg

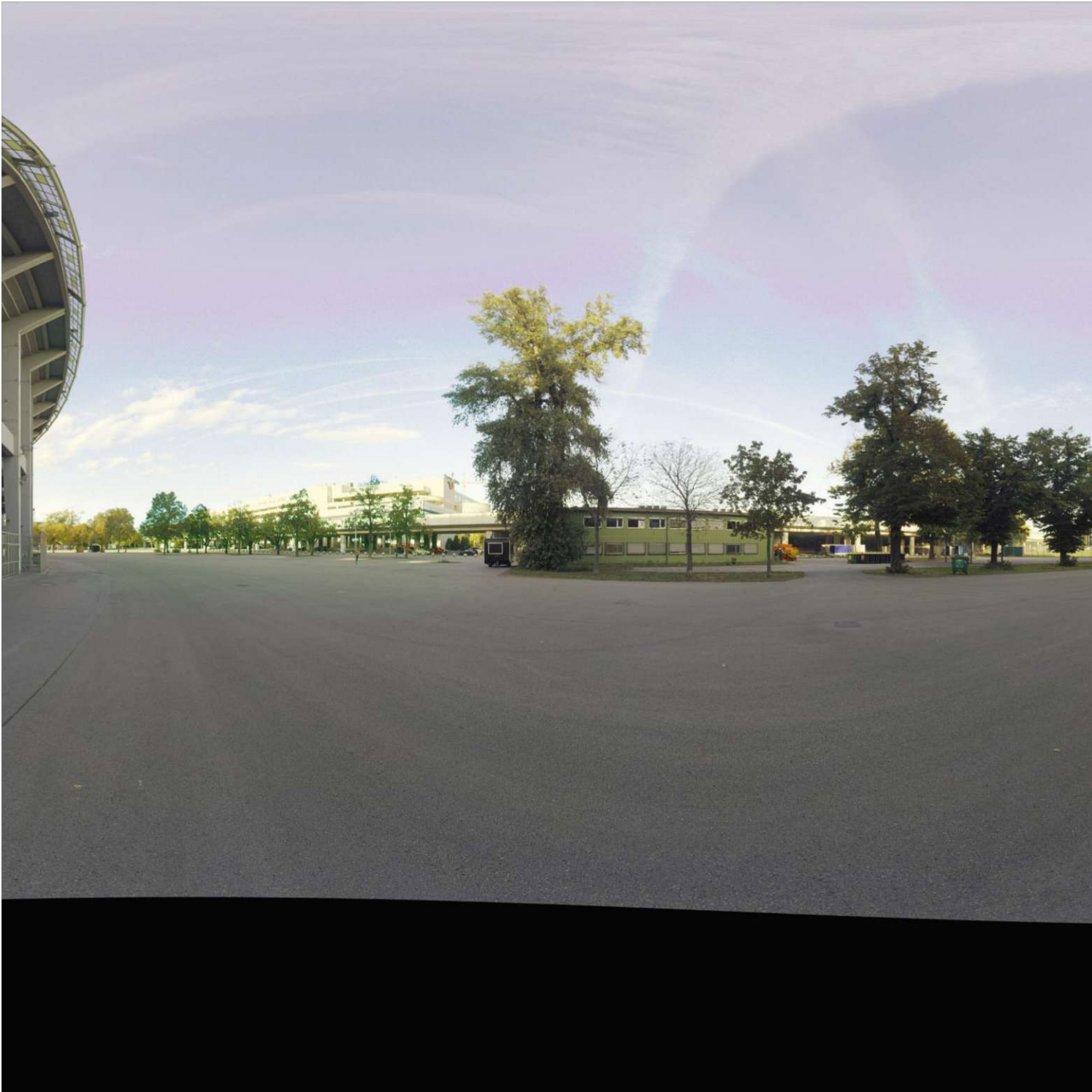


X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_130_5.jpeg

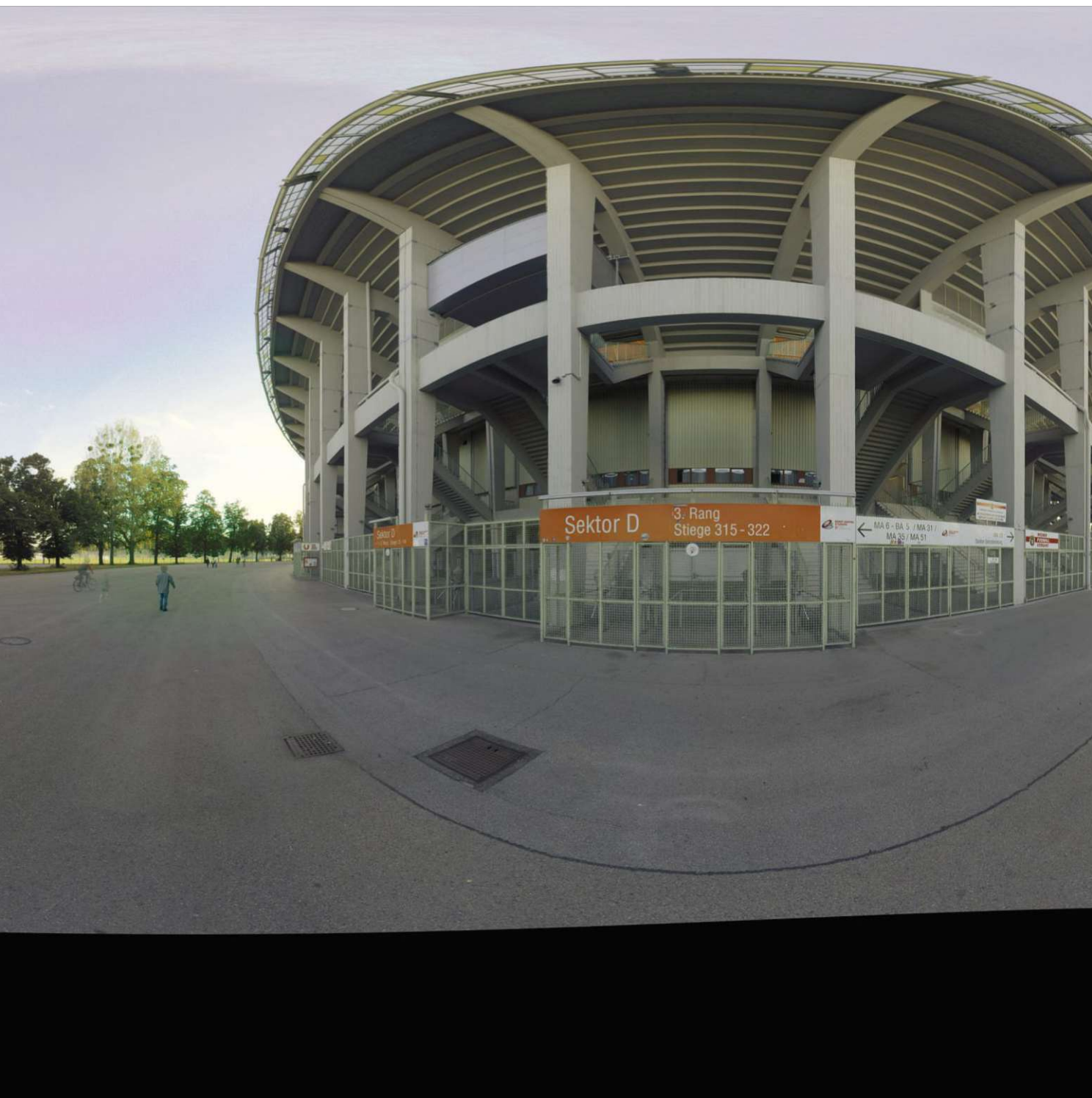
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_130.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

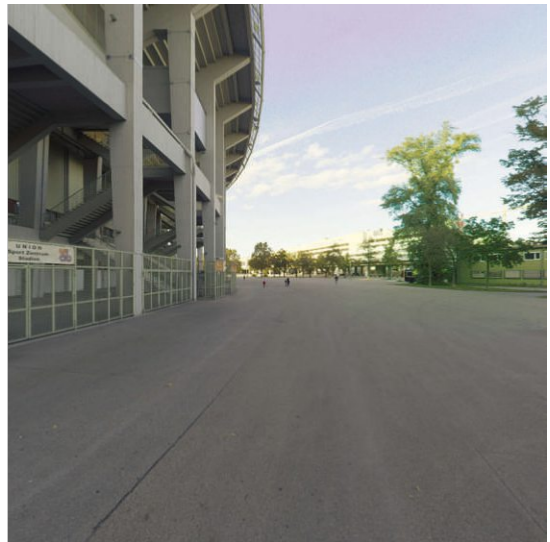
$X = -268367.50524$

$Y = 136286.7899$

$Z = 1651.87198$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_131_0.jpeg



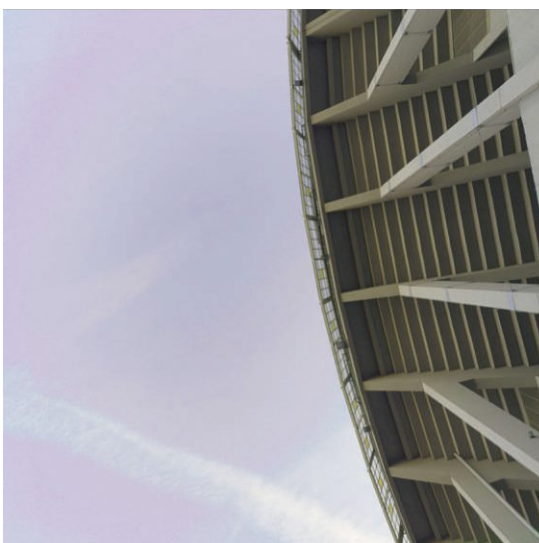
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_131_1.jpeg



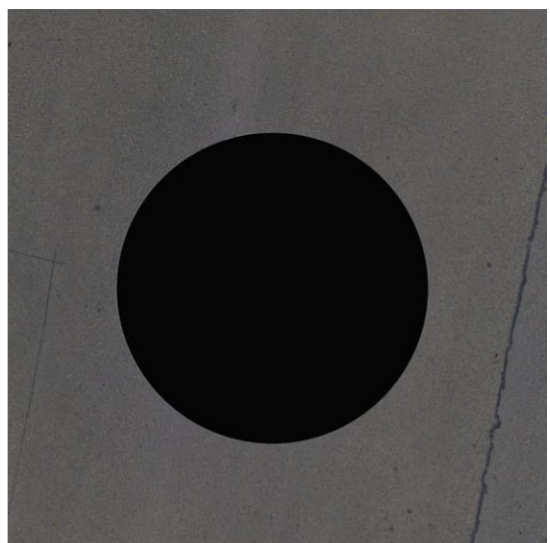
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_131_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_131_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_131_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_131_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_131.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

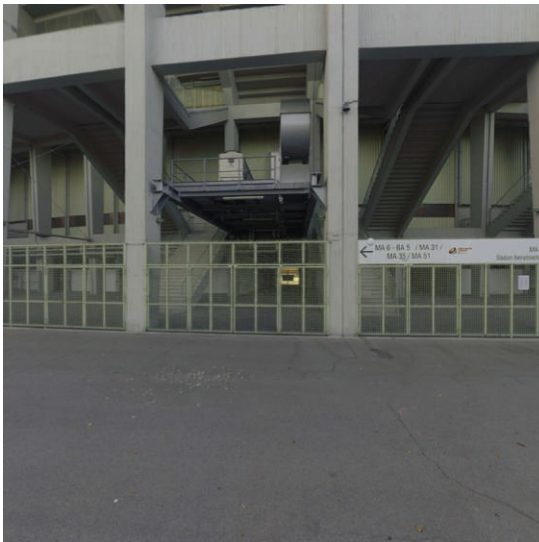
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -246888.75617

Y = 151761.38971

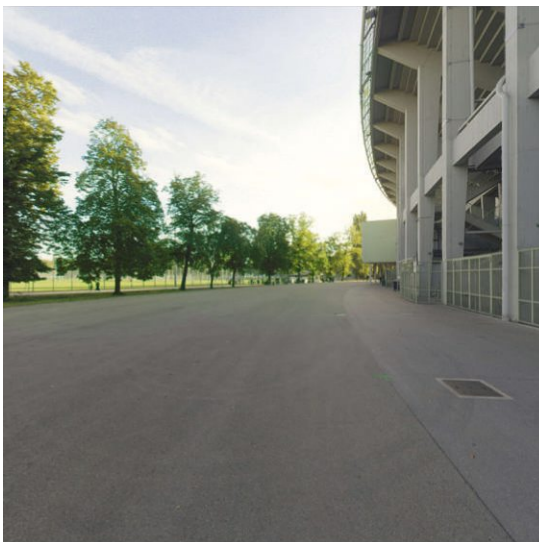
Z = 1611.2497



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_132_0.jpeg



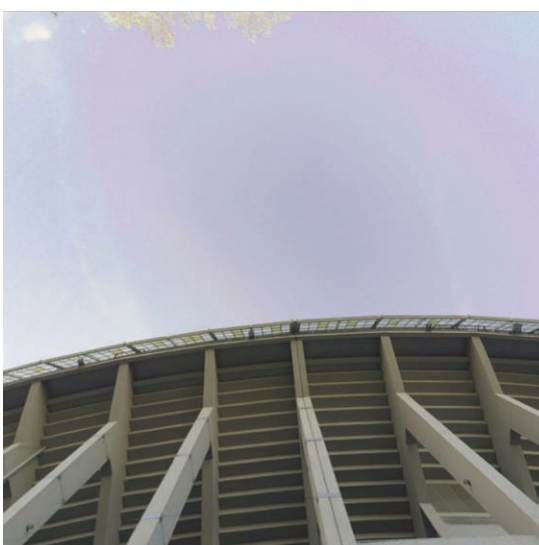
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_132_1.jpeg



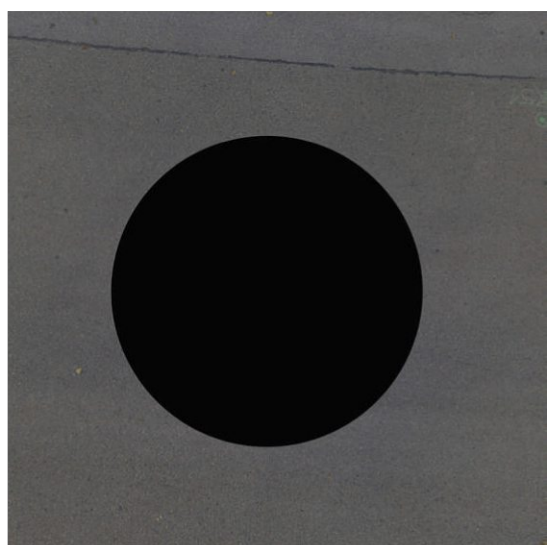
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_132_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_132_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_132_4.jpeg

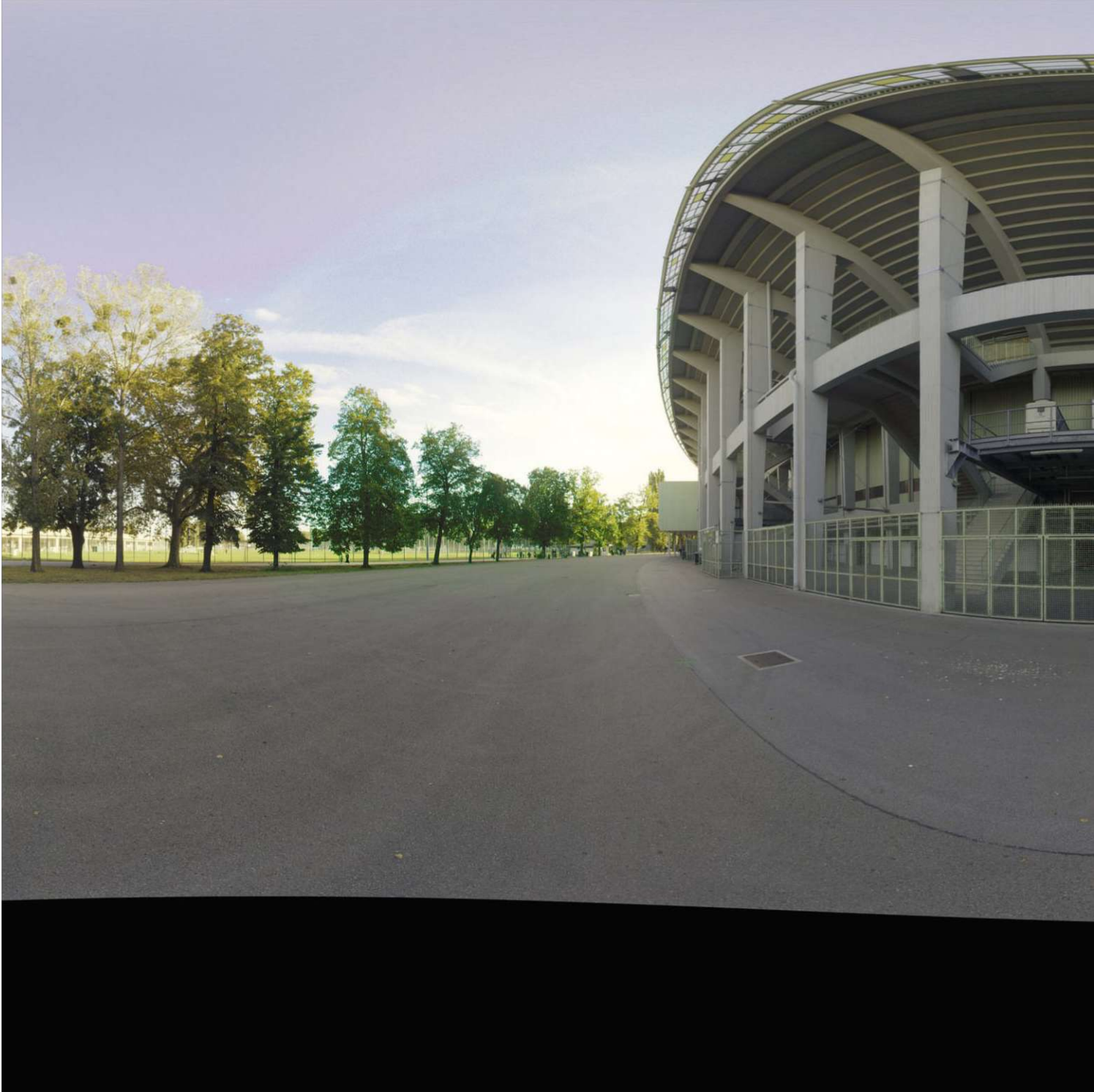


X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_132_5.jpeg

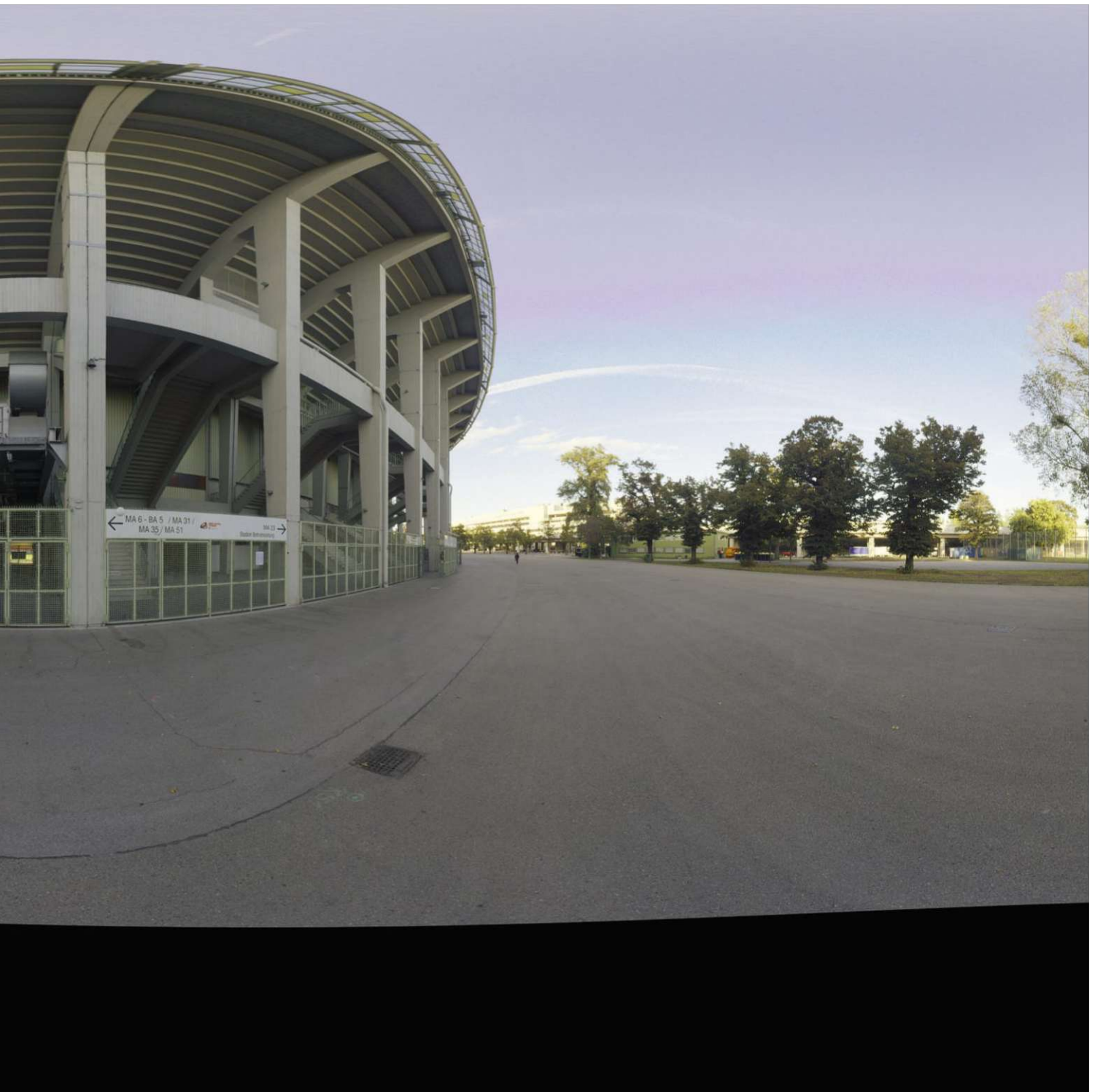
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_132.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

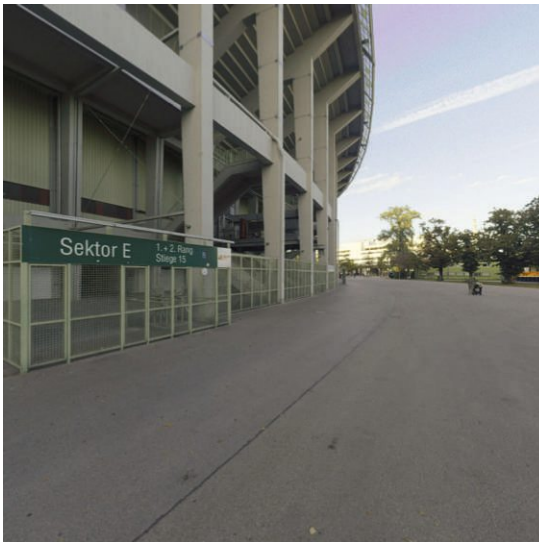
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -220519.2438

Y = 163750.09564

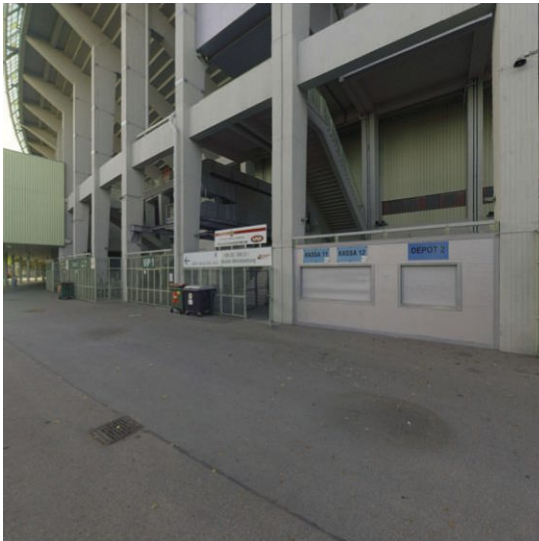
Z = 1630.28384



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_133_0.jpeg



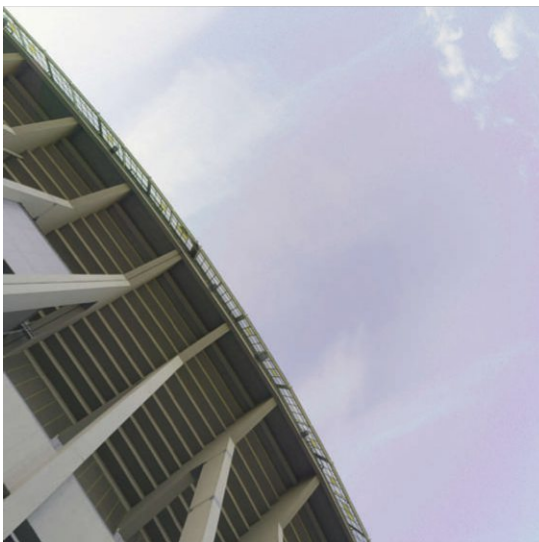
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_133_1.jpeg



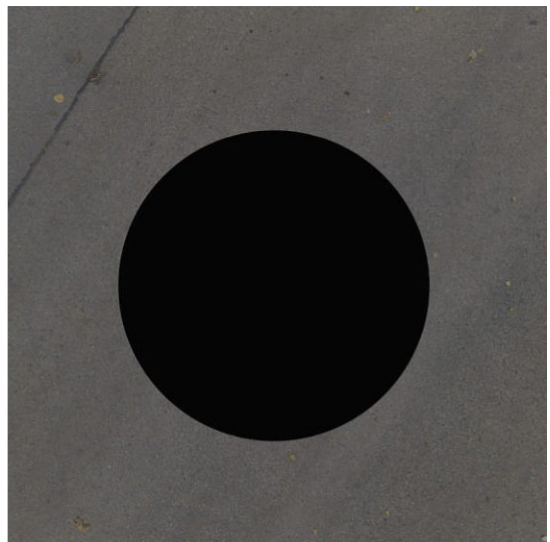
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_133_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_133_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_133_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_133_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_133.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

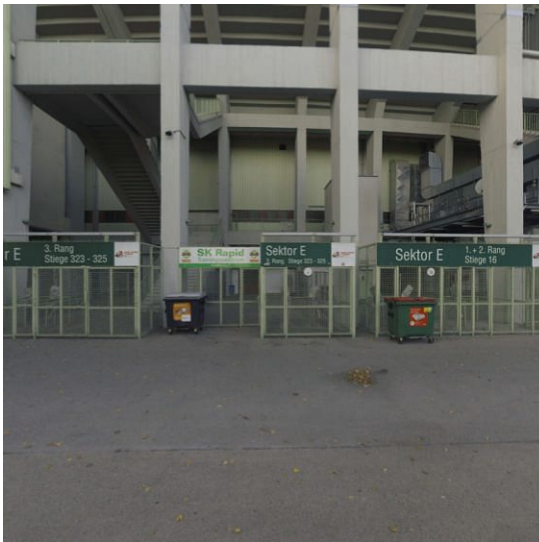
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -191849.88945$

$Y = 172100.53064$

$Z = 1653.75316$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_134_0.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_134_1.jpeg



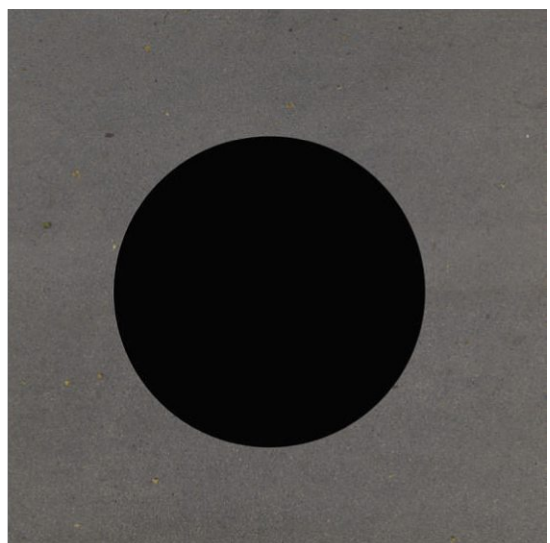
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_134_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_134_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_134_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_134_5.jpeg

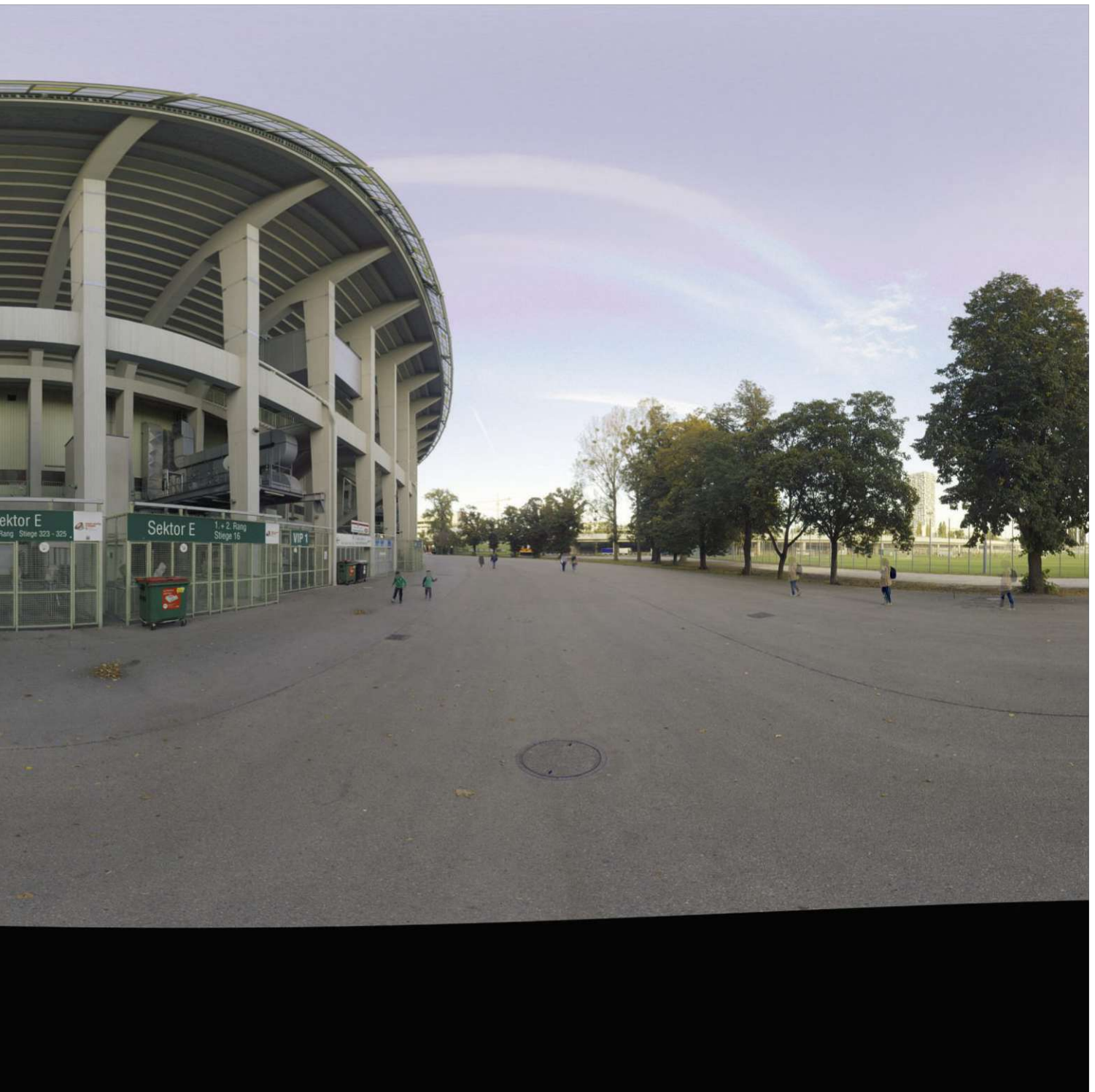
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_134.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -141247.63974$

$Y = 182462.86586$

$Z = 1527.11506$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_135_0.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_135_1.jpeg



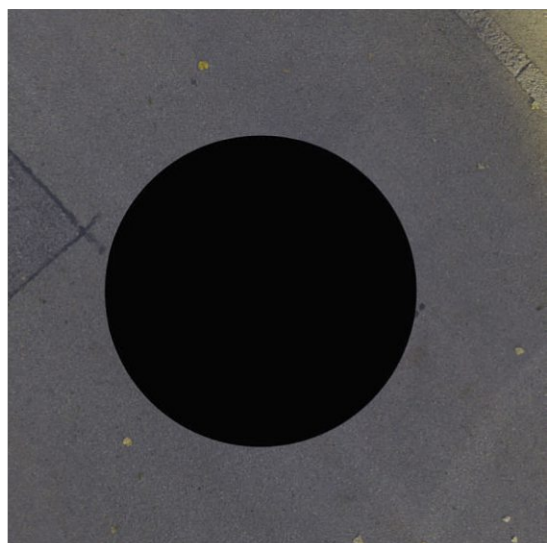
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_135_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_135_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_135_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_135_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_135.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -115684.34533

Y = 175562.88101

Z = 1568.58877



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_136_0.jpeg



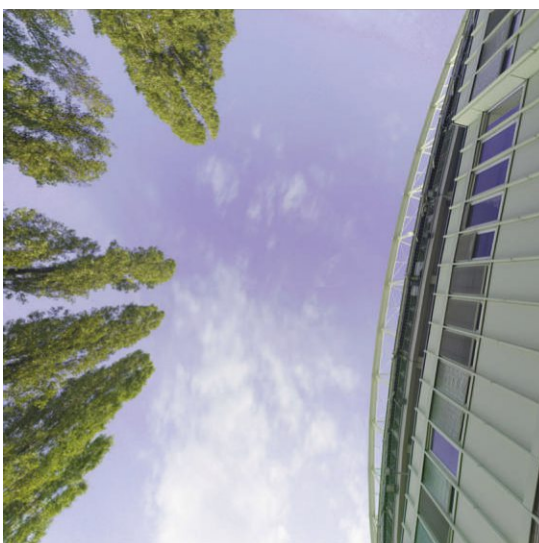
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_136_1.jpeg



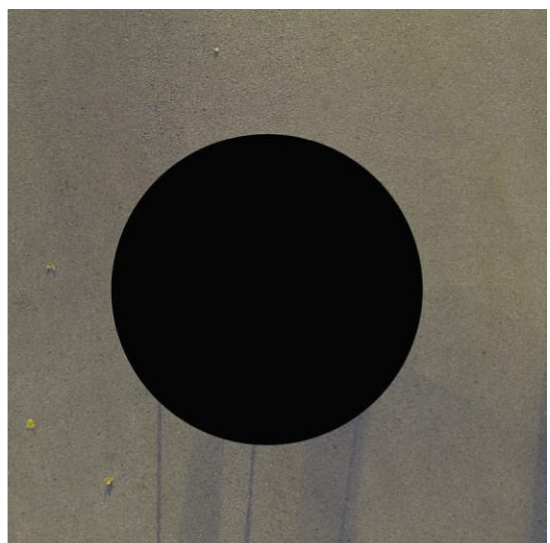
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_136_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_136_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_136_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_136_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_136.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

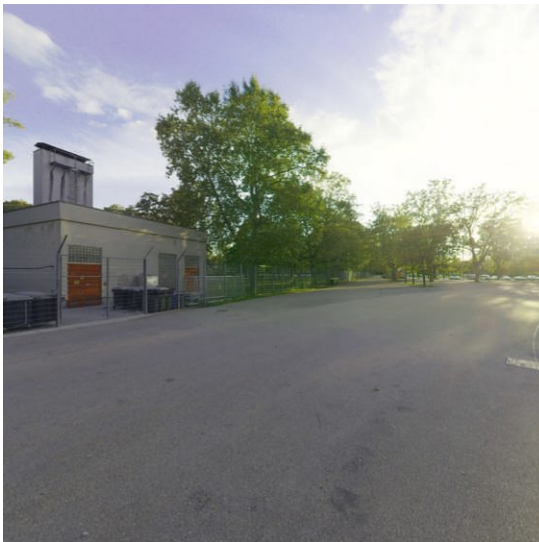
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -81108.42817

Y = 163979.03381

Z = 1721.9776



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_137_0.jpeg



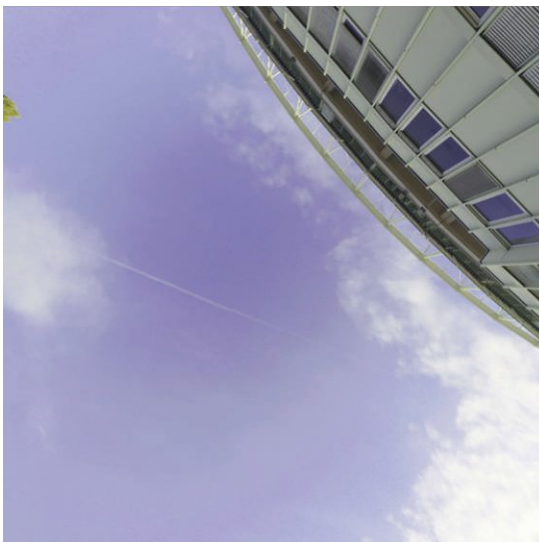
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_137_1.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_137_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_137_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_137_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_137_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_137.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -54232.51125$

$Y = 146234.92576$

$Z = 1686.11065$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_138_0.jpeg



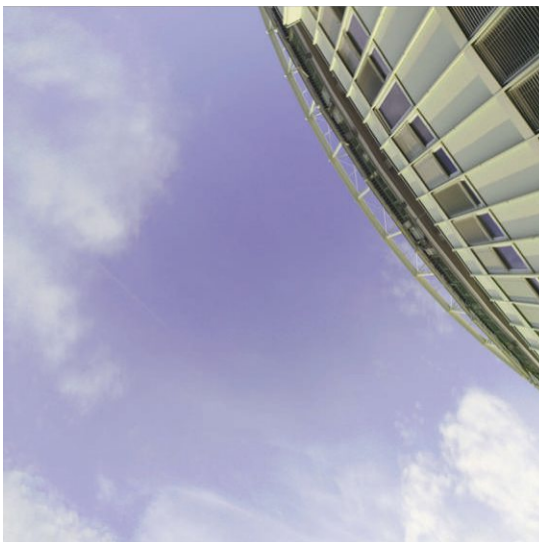
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_138_1.jpeg



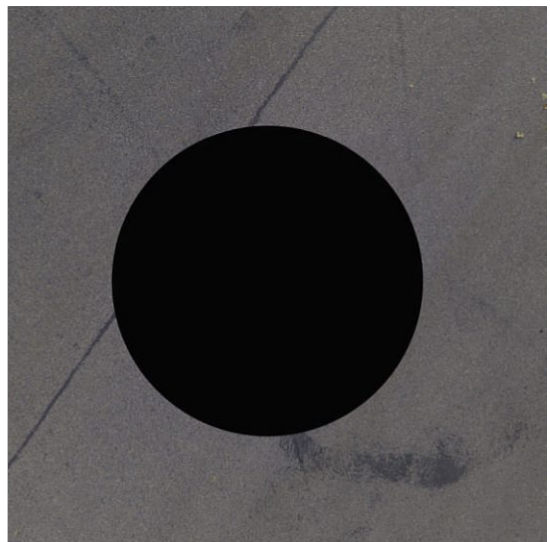
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_138_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_138_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_138_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_138_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_138.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -30817.57174$

$Y = 121902.893$

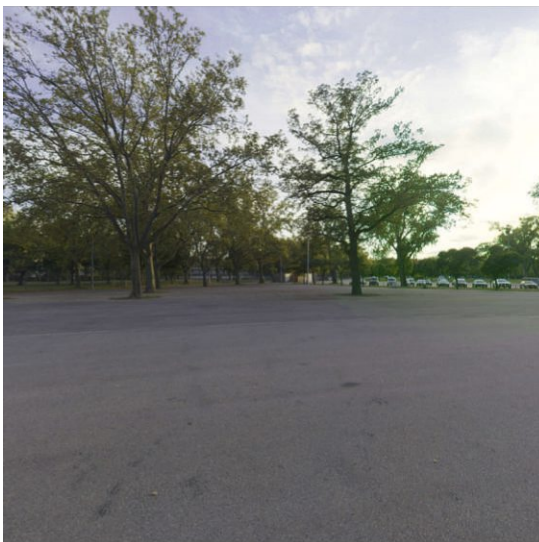
$Z = 1707.12109$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_139_0.jpeg



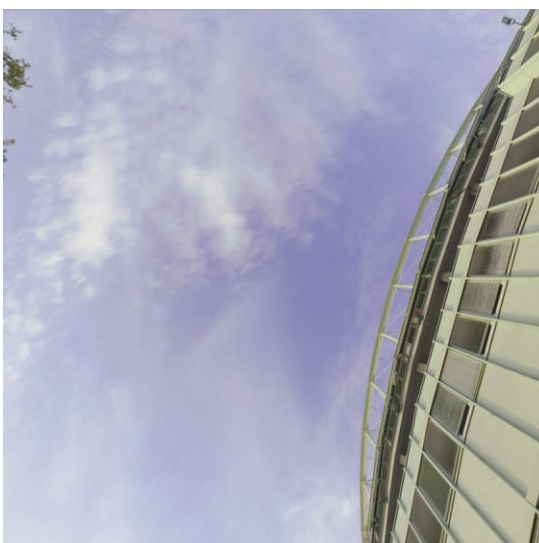
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_139_1.jpeg



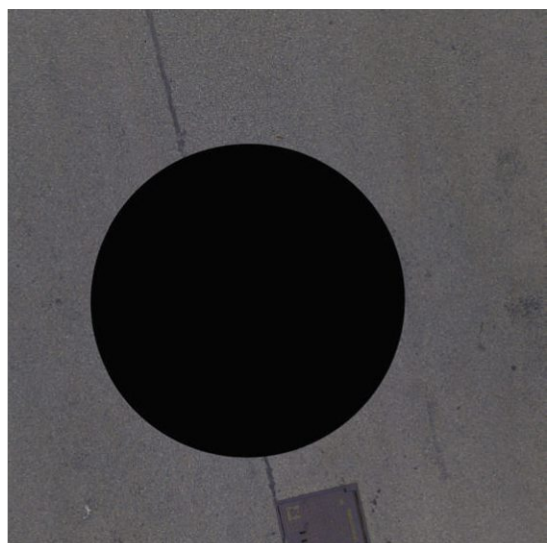
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_139_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_139_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_139_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_139_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN





DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -18381.84222$

$Y = 93167.98599$

$Z = 1672.78164$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_140_0.jpeg



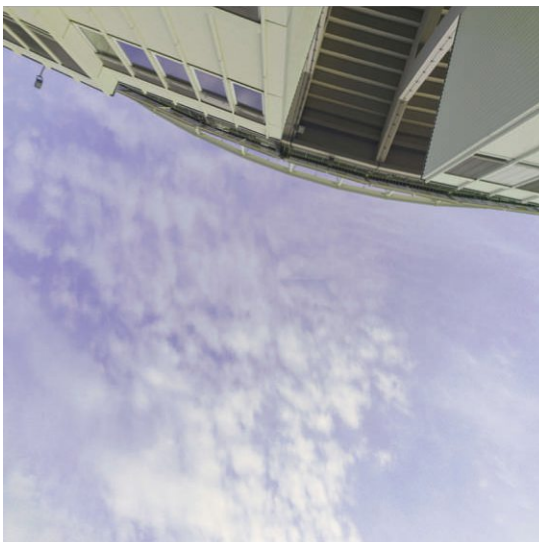
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_140_1.jpeg



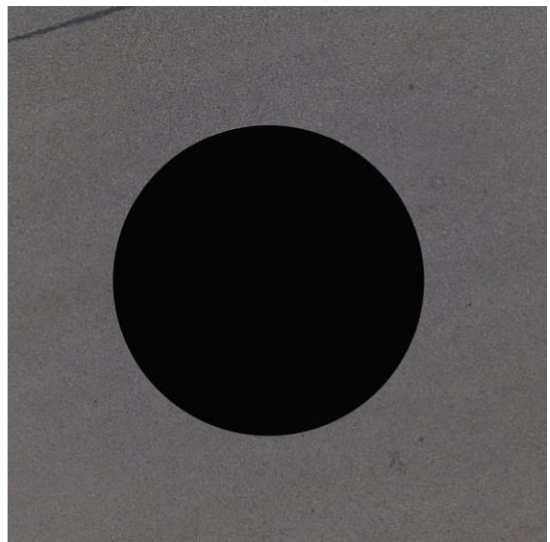
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_140_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_140_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_140_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_140_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_140.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -11022.47321

Y = 61453.20847

Z = 1674.67542



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_141_0.jpeg



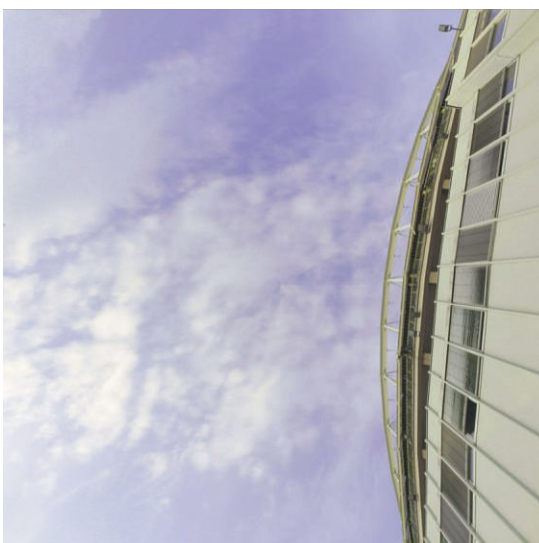
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_141_1.jpeg



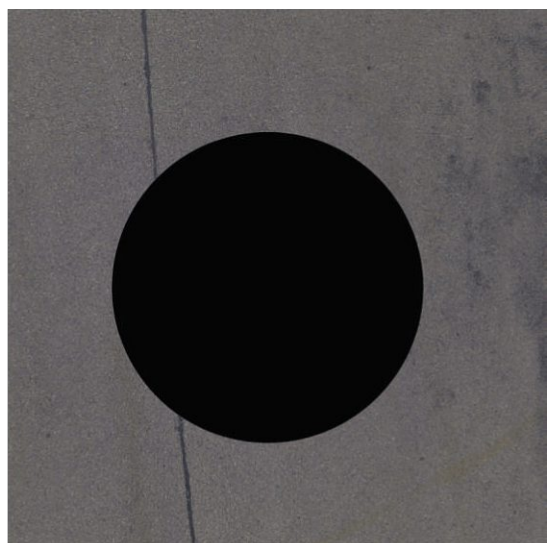
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_141_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_141_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_141_4.jpeg

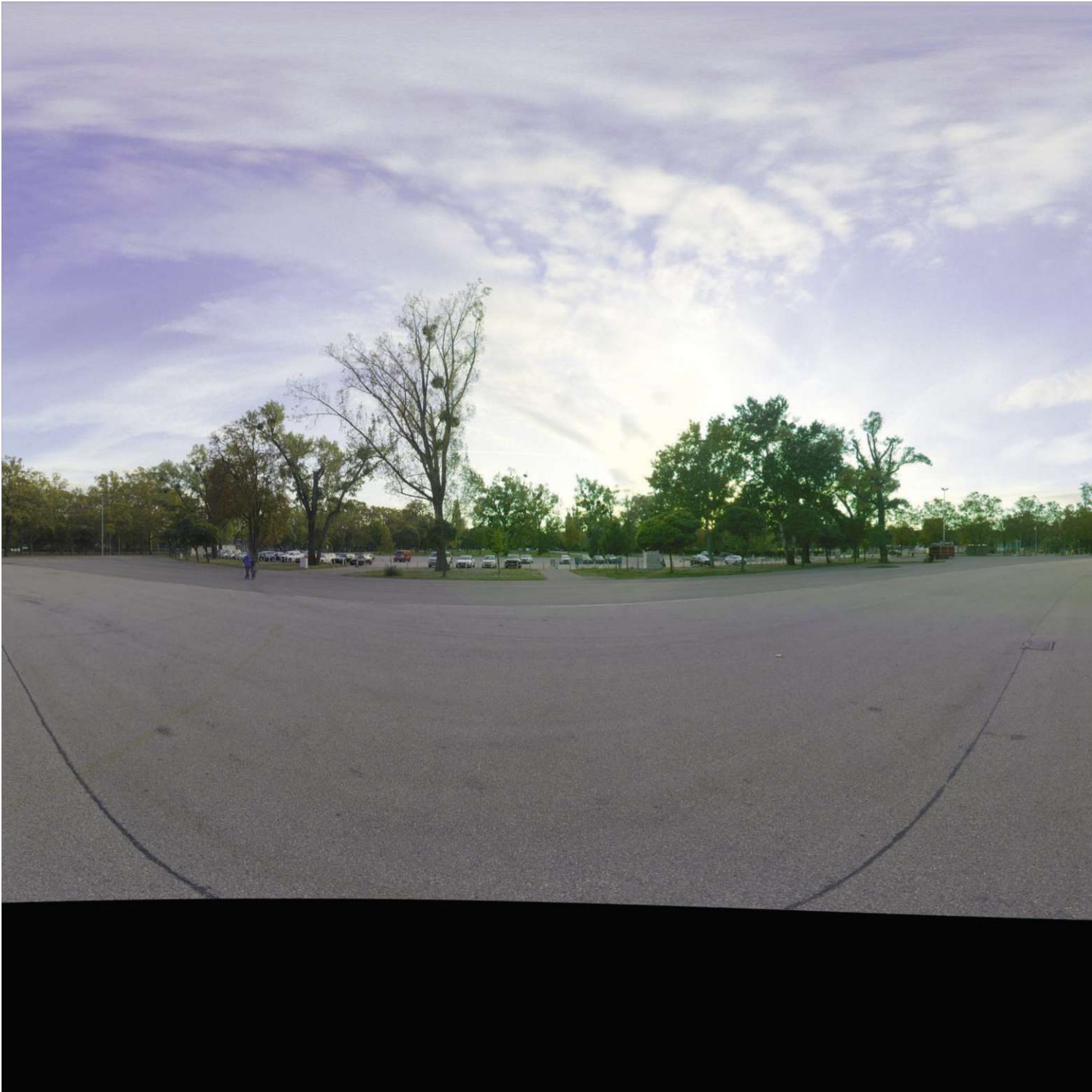


X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_141_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_141.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -18934.46324$

$Y = 29534.07472$

$Z = 1671.11973$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_142_0.jpeg



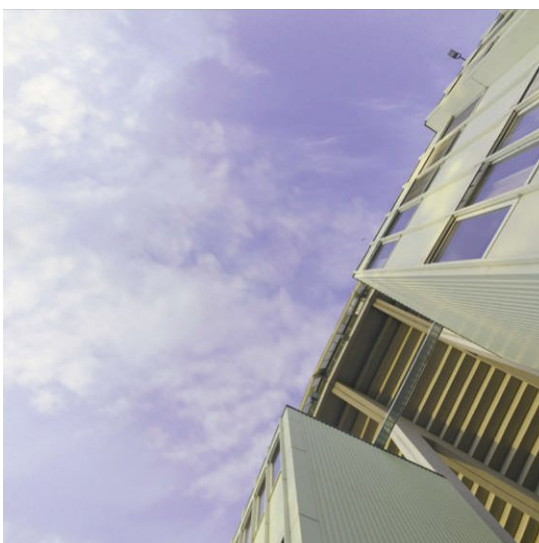
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_142_1.jpeg



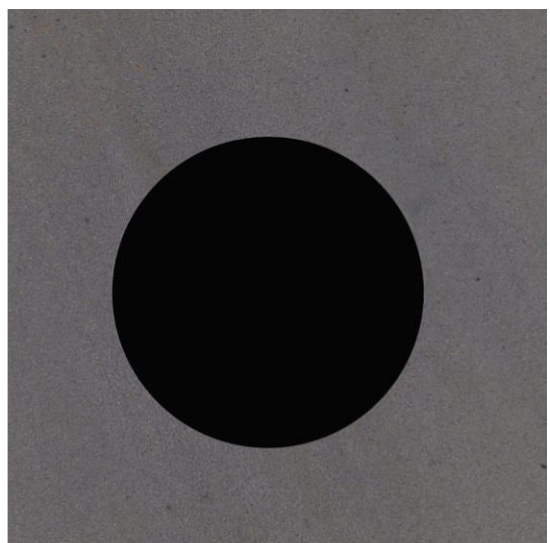
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_142_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_142_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_142_4.jpeg

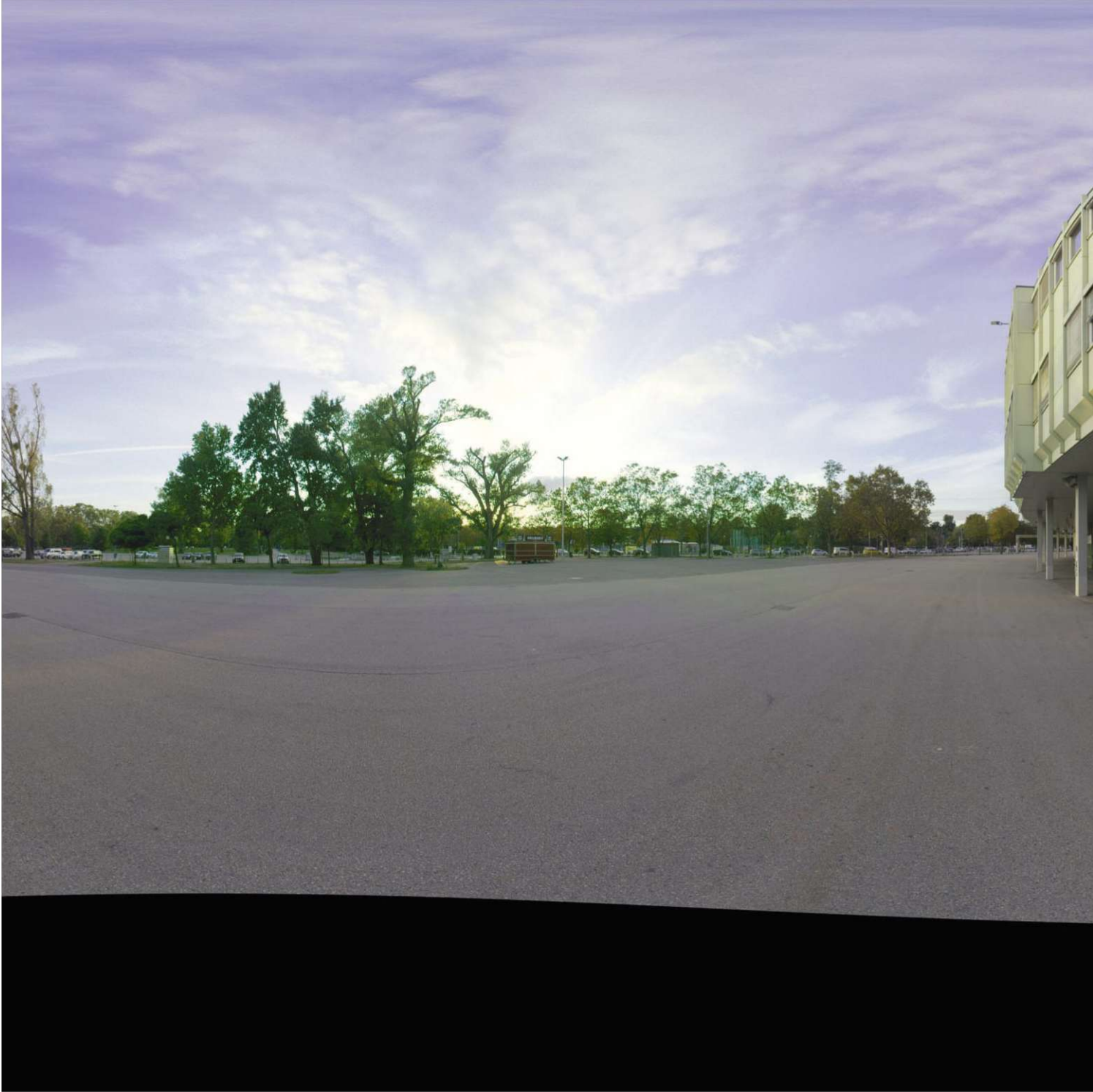


X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_142_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_142.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -26865.99905$

$Y = 748.9364$

$Z = 1703.7797$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_143_0.jpeg



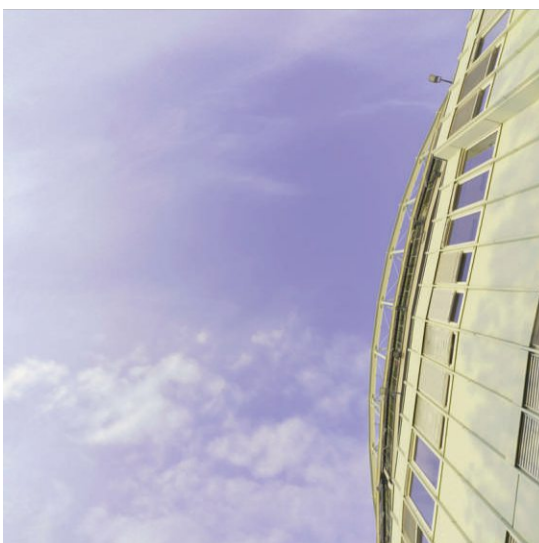
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_143_1.jpeg



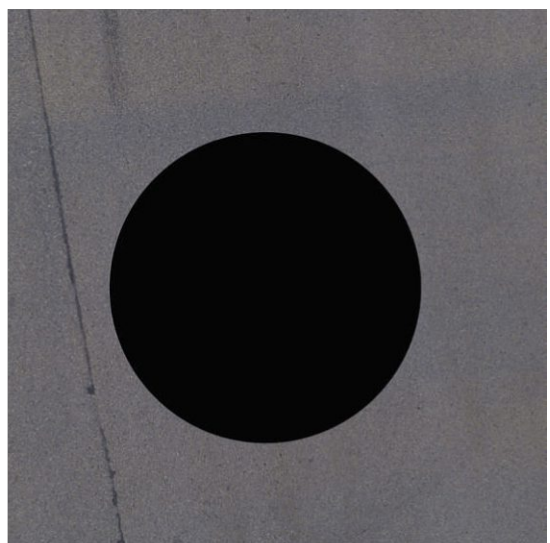
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_143_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_143_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_143_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_143_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_143.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -164271.08213$

$Y = 184257.77983$

$Z = 1713.79512$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_144_0.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_144_1.jpeg



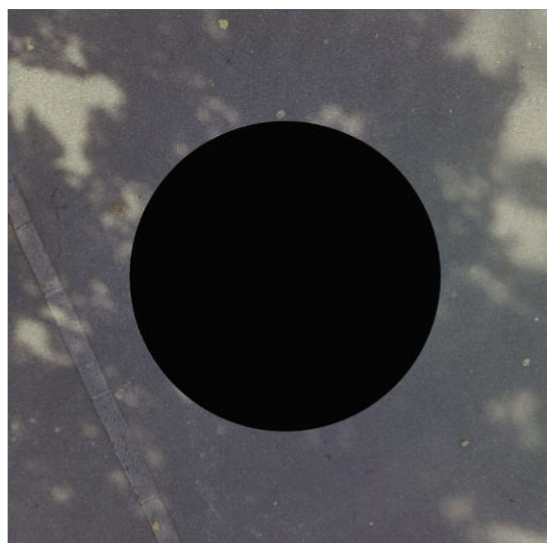
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_144_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_144_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_144_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_144_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_144.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -143600.63529$

$Y = 184639.40142$

$Z = 1687.12469$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_145_0.jpeg



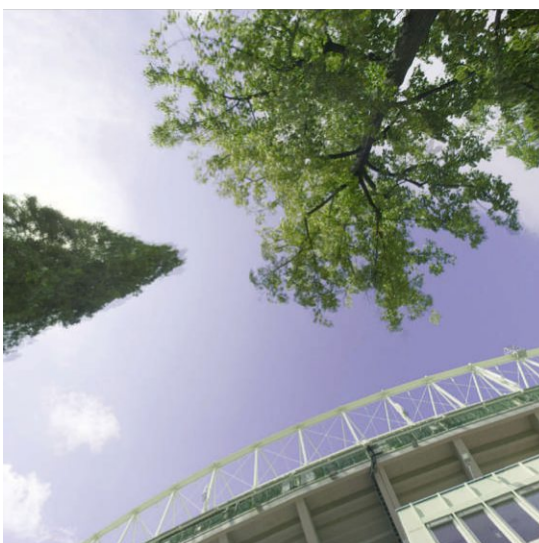
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_145_1.jpeg



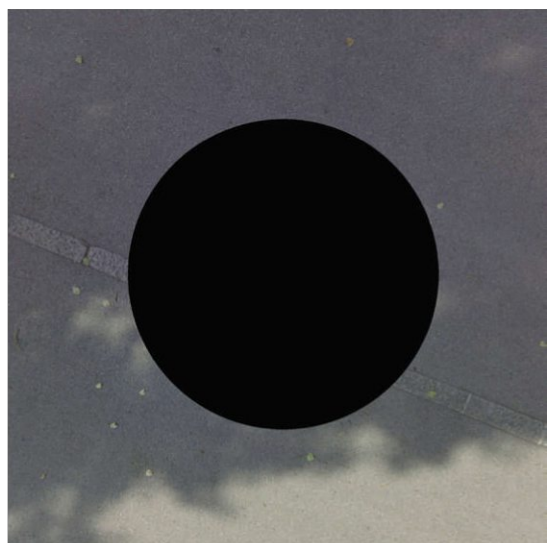
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_145_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_145_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_145_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_145_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_145.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -186071.90975$

$Y = 183435.51753$

$Z = 1731.55551$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_146_0.jpeg



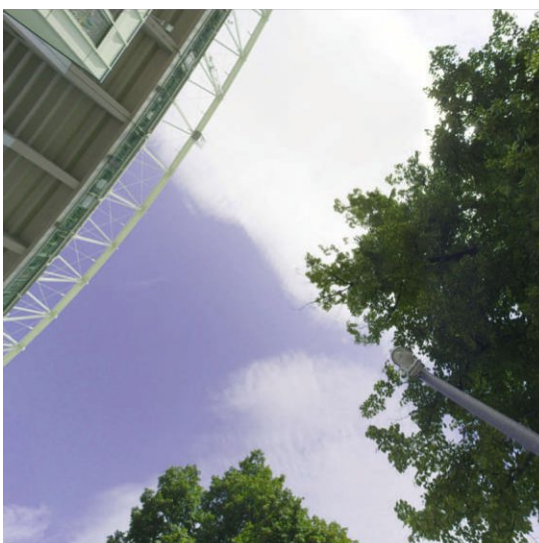
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_146_1.jpeg



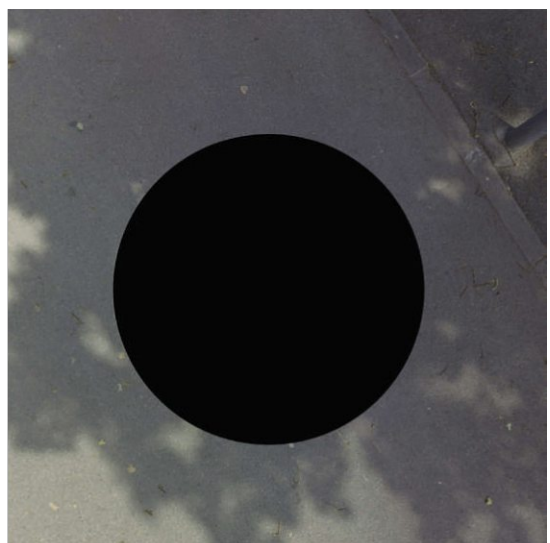
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_146_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_146_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_146_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_146_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_146.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -163537.81553$

$Y = 179272.99484$

$Z = 1750.71672$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_147_0.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_147_1.jpeg



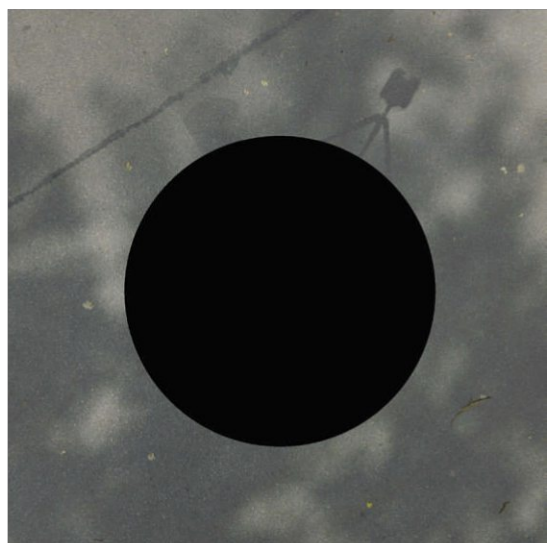
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_147_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_147_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_147_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_147_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_147.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -163728.90224$

$Y = 169833.66256$

$Z = 1698.27298$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_148_0.jpeg



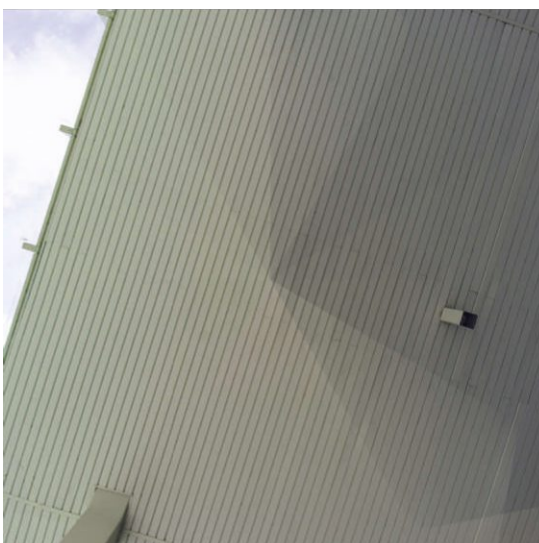
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_148_1.jpeg



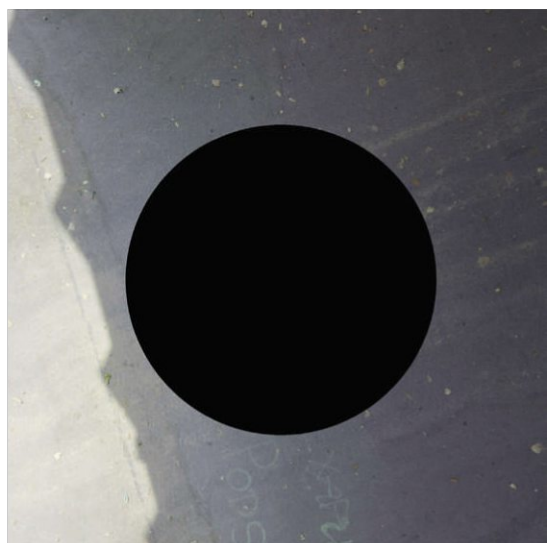
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_148_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_148_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_148_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_148_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_148.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -80068.88854$

$Y = -35611.26863$

$Z = 1764.47869$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_149_0.jpeg



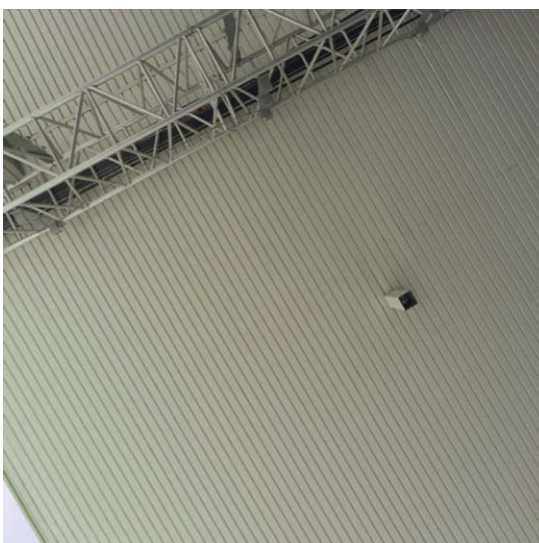
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_149_1.jpeg



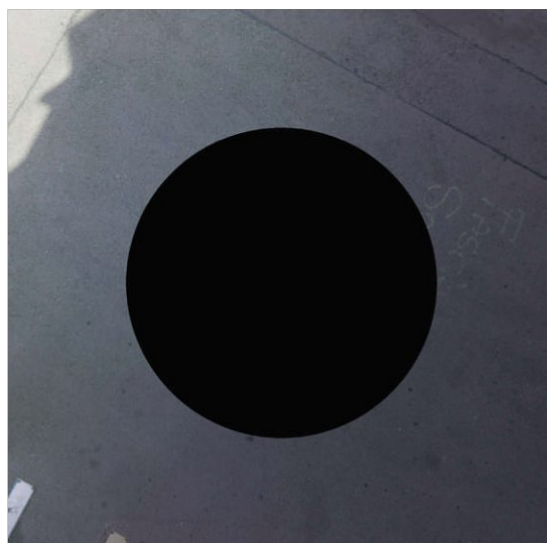
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_149_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_149_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_149_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_149_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_149.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -75244.49312$

$Y = -46961.05427$

$Z = 1862.33959$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_150_0.jpeg



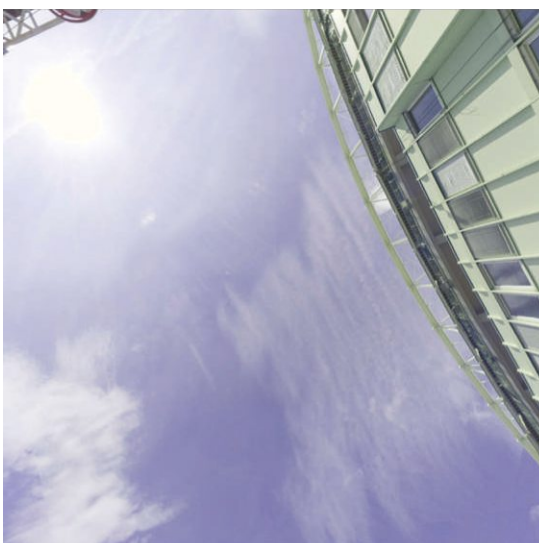
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_150_1.jpeg



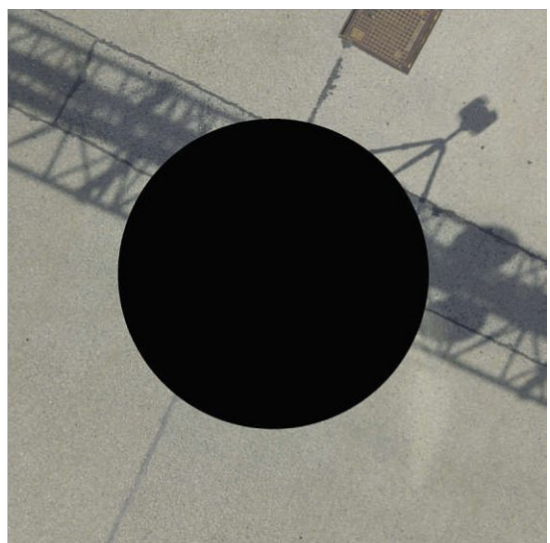
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_150_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_150_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_150_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_150_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_150.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -83500.35874$

$Y = -57150.75401$

$Z = 1782.21457$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_151_0.jpeg



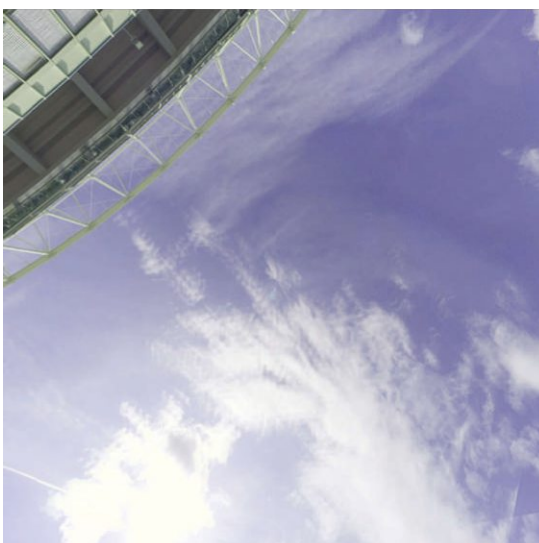
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_151_1.jpeg



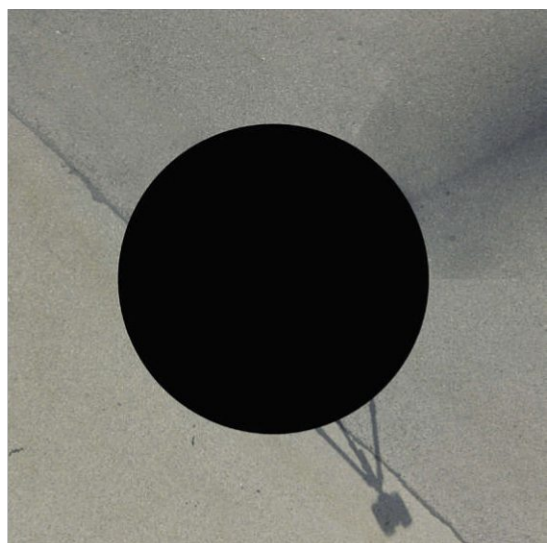
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_151_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_151_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_151_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_151_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_151.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -59382.35104$

$Y = -47558.57026$

$Z = 1689.00132$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_152_0.jpeg



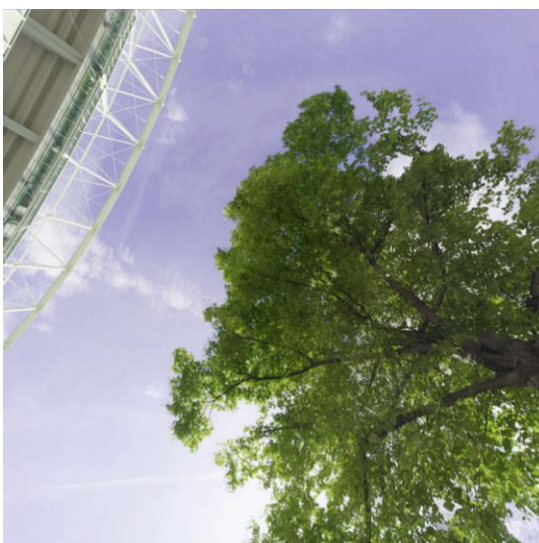
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_152_1.jpeg



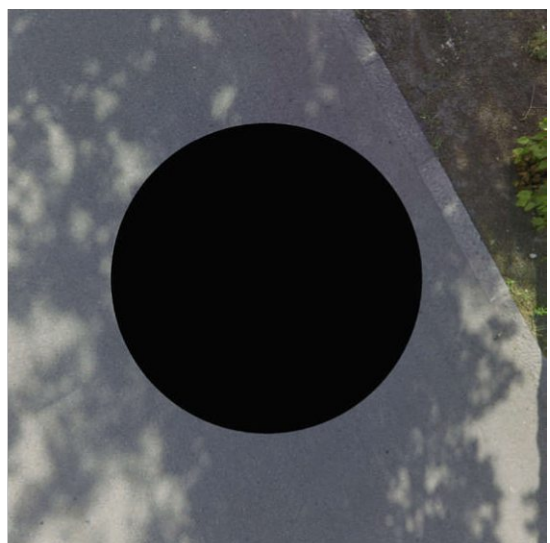
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_152_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_152_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_152_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_152_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_152.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -148564.75698$

$Y = 183684.06269$

$Z = 1751.20049$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_153_0.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_153_1.jpeg



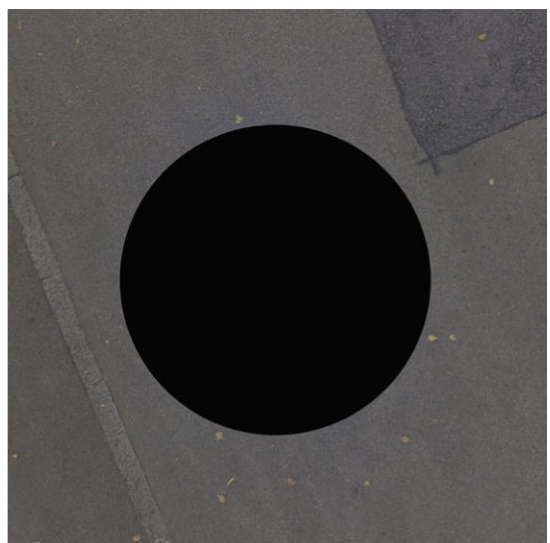
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_153_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_153_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_153_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_153_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_153.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -131493.43793$

$Y = 181391.45739$

$Z = 1774.24547$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_154_0.jpeg



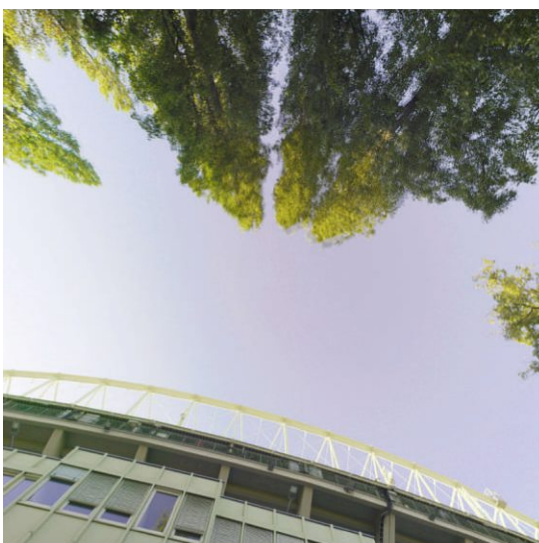
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_154_1.jpeg



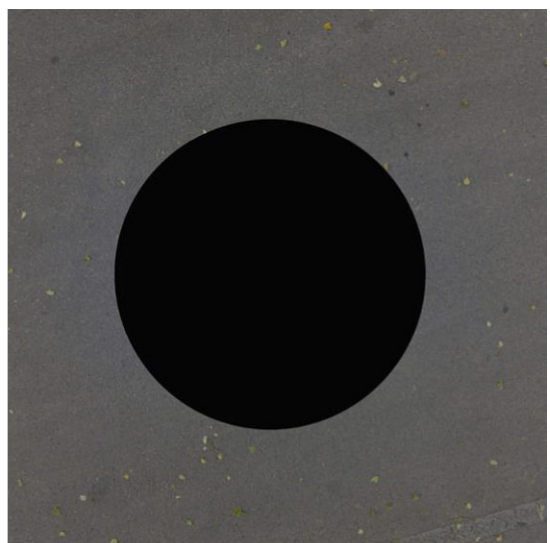
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_154_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_154_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_154_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_154_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_154.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -113563.68184$

$Y = 177783.18039$

$Z = 1804.2732$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_155_0.jpeg



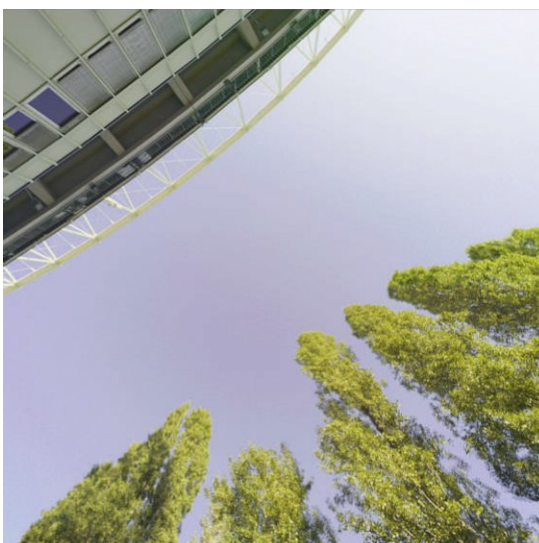
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_155_1.jpeg



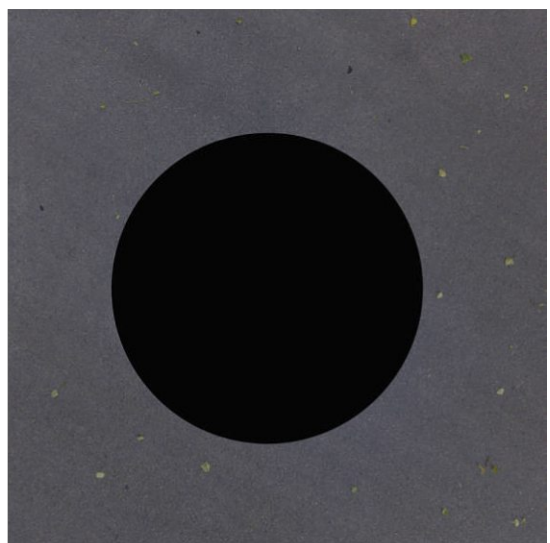
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_155_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_155_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_155_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_155_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_155.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -116050.49915

Y = 197170.12478

Z = 1324.57836



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_156_0.jpeg



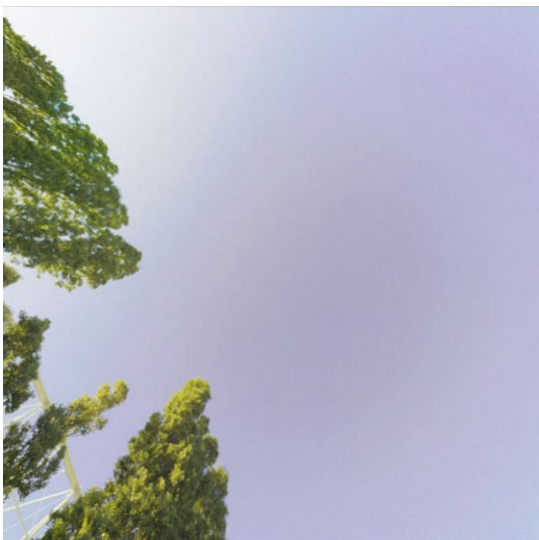
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_156_1.jpeg



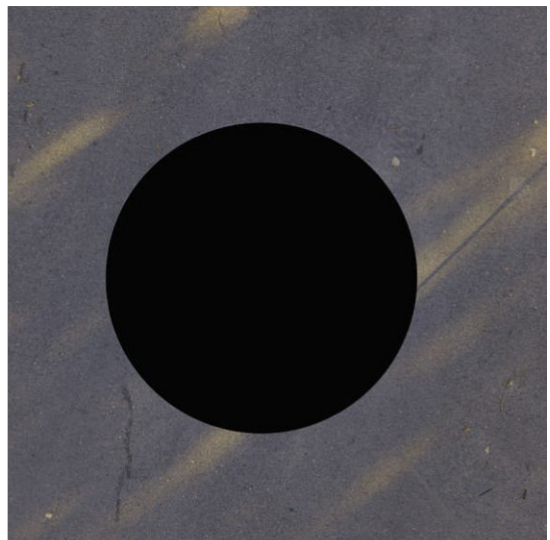
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_156_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_156_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_156_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_156_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_156.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

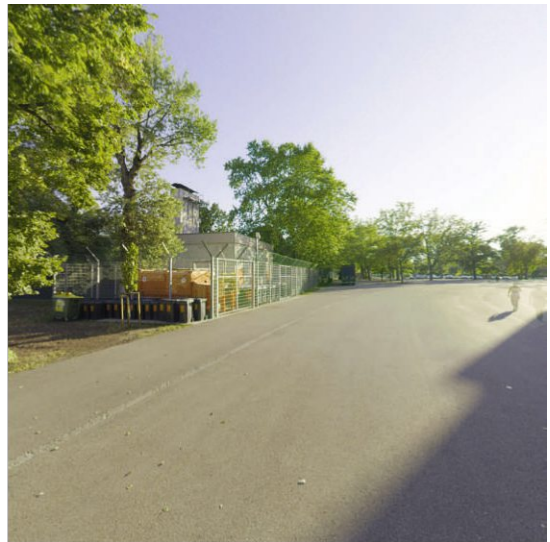
X = -95767.89047

Y = 173224.25946

Z = 1818.51075



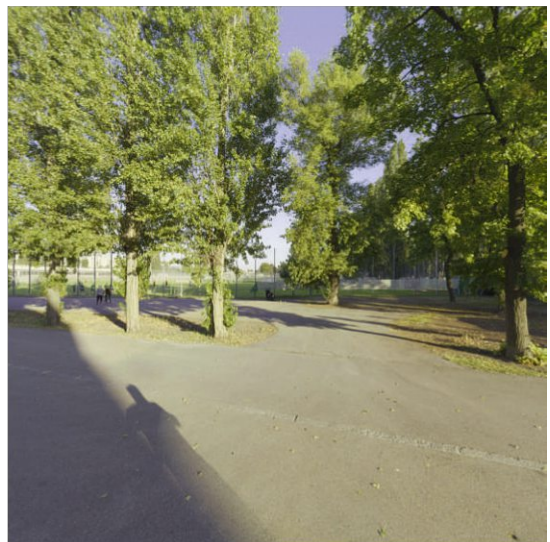
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_157_0.jpeg



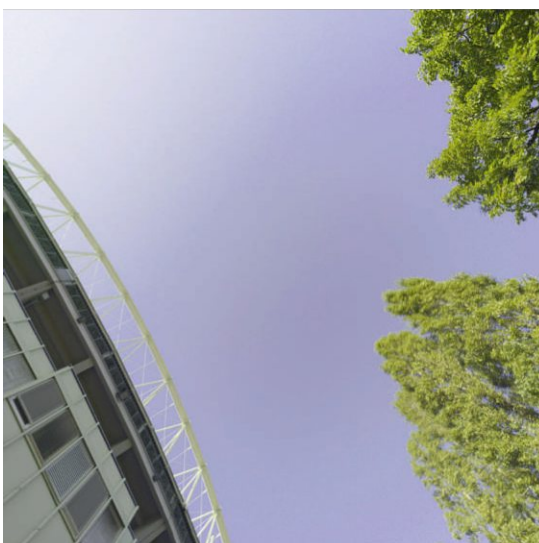
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_157_1.jpeg



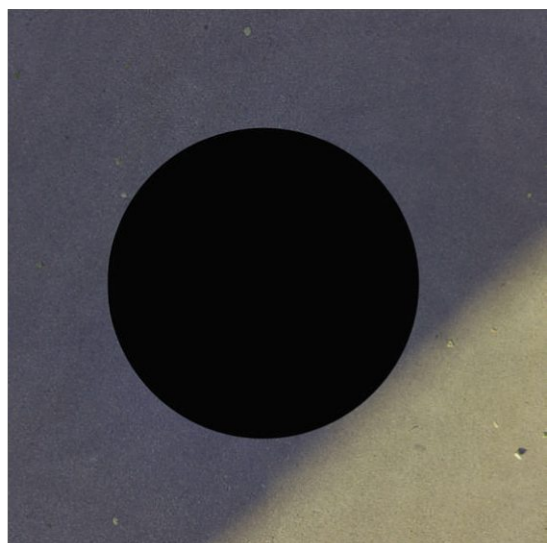
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_157_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_157_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_157_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_157_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_157.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -77991.86112

Y = 165747.88291

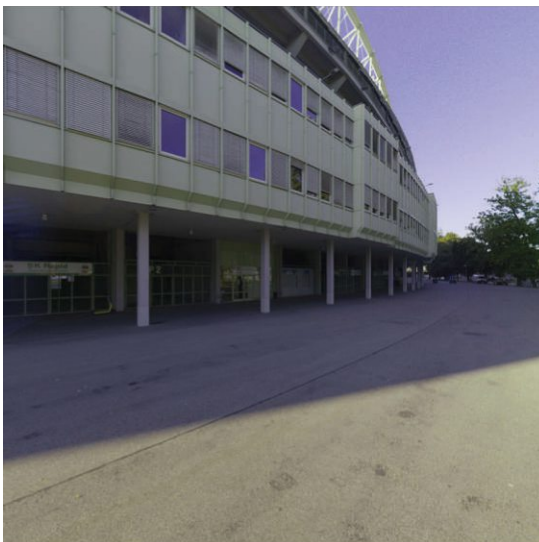
Z = 1859.24825



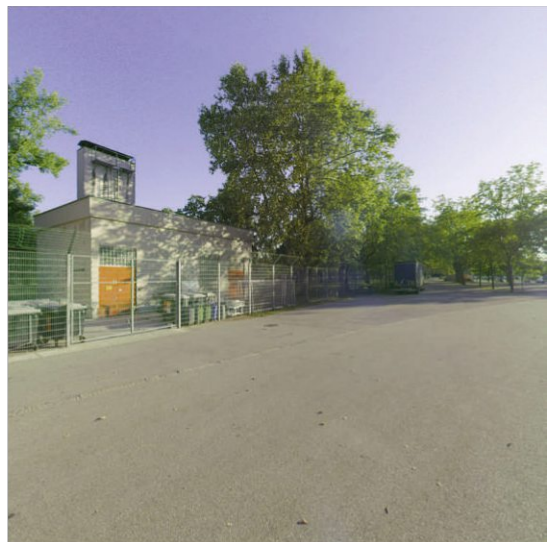
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_158_0.jpeg



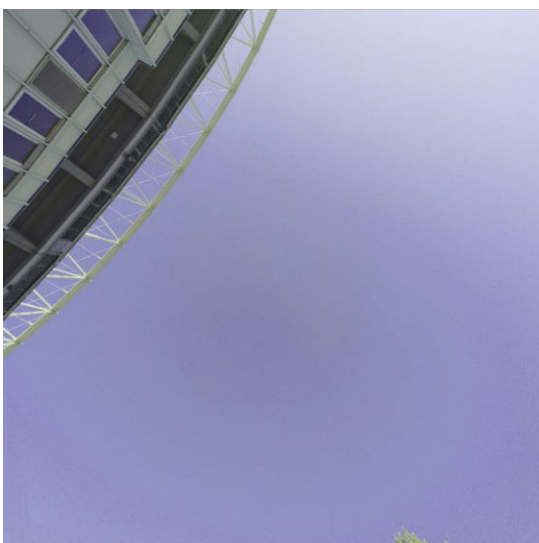
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_158_1.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_158_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_158_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_158_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_158_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_158.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

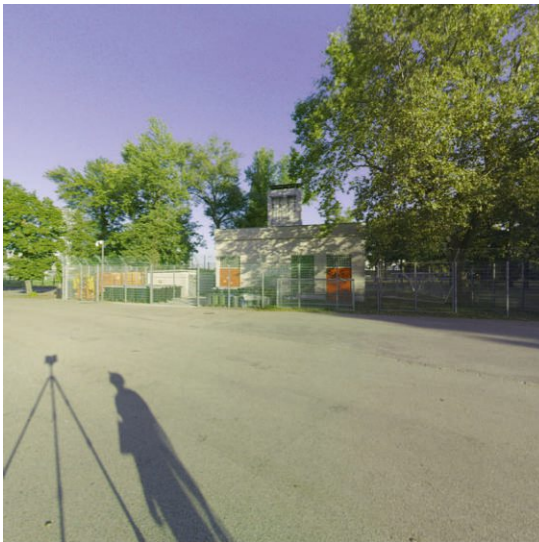
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -61277.9049

Y = 155944.72252

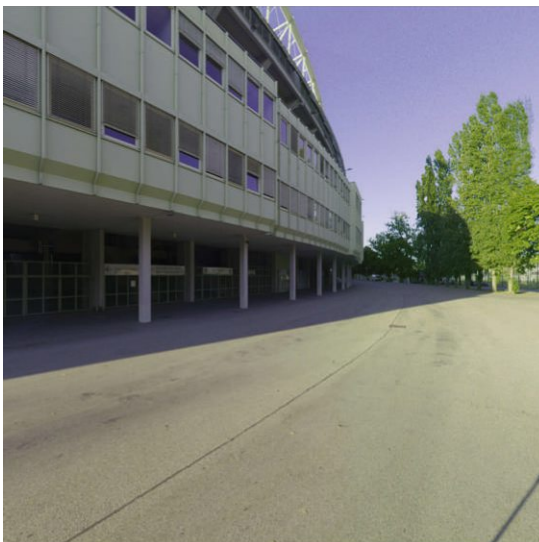
Z = 1861.7311



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_159_0.jpeg



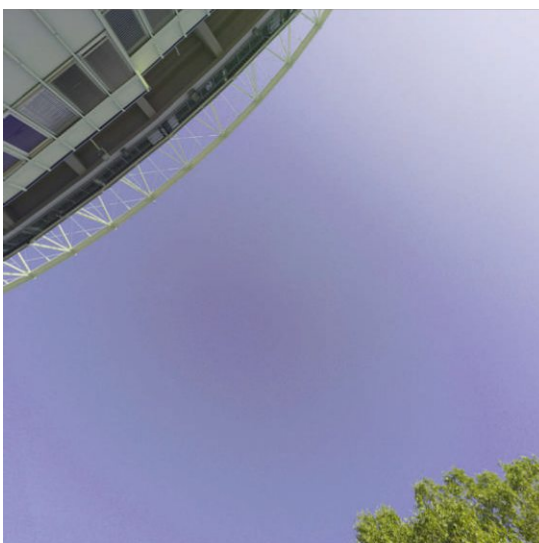
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_159_1.jpeg



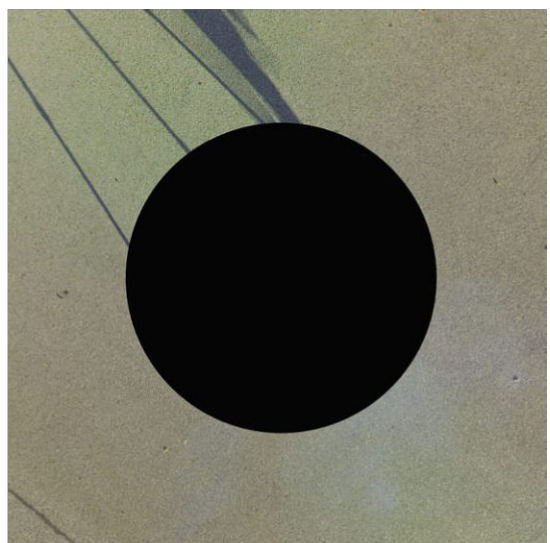
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_159_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_159_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_159_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_159_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_159.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -46575.23306

Y = 143845.27348

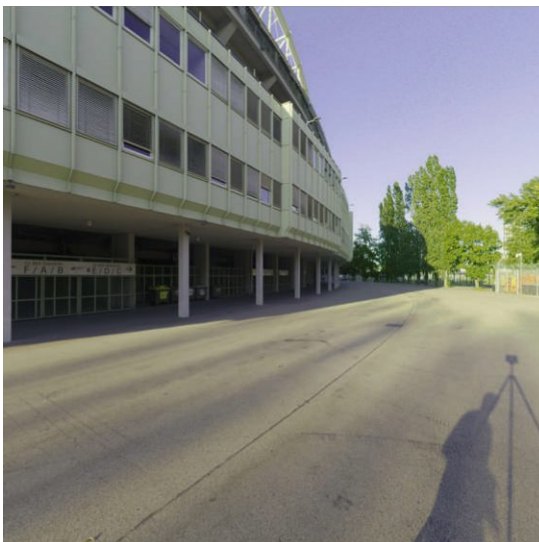
Z = 1851.23007



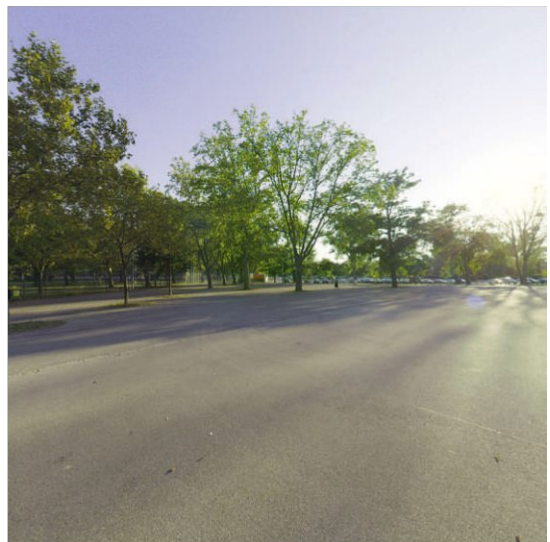
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_160_0.jpeg



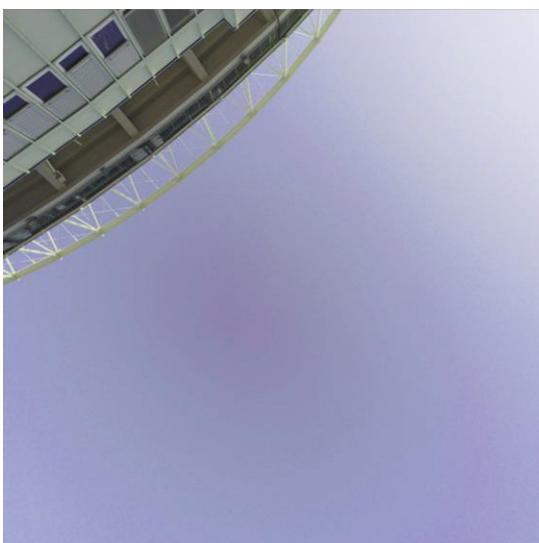
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_160_1.jpeg



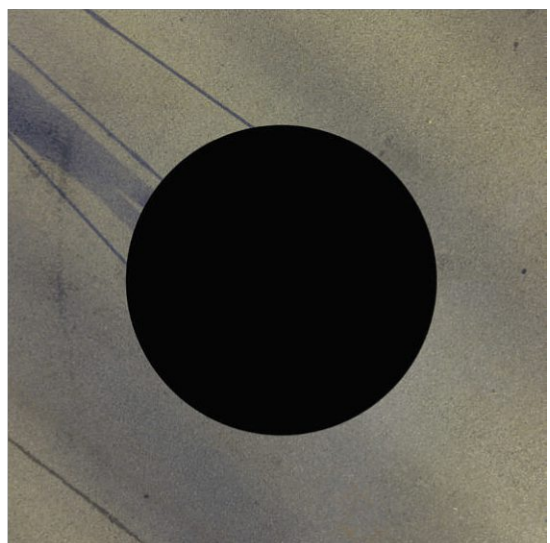
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_160_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_160_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_160_4.jpeg

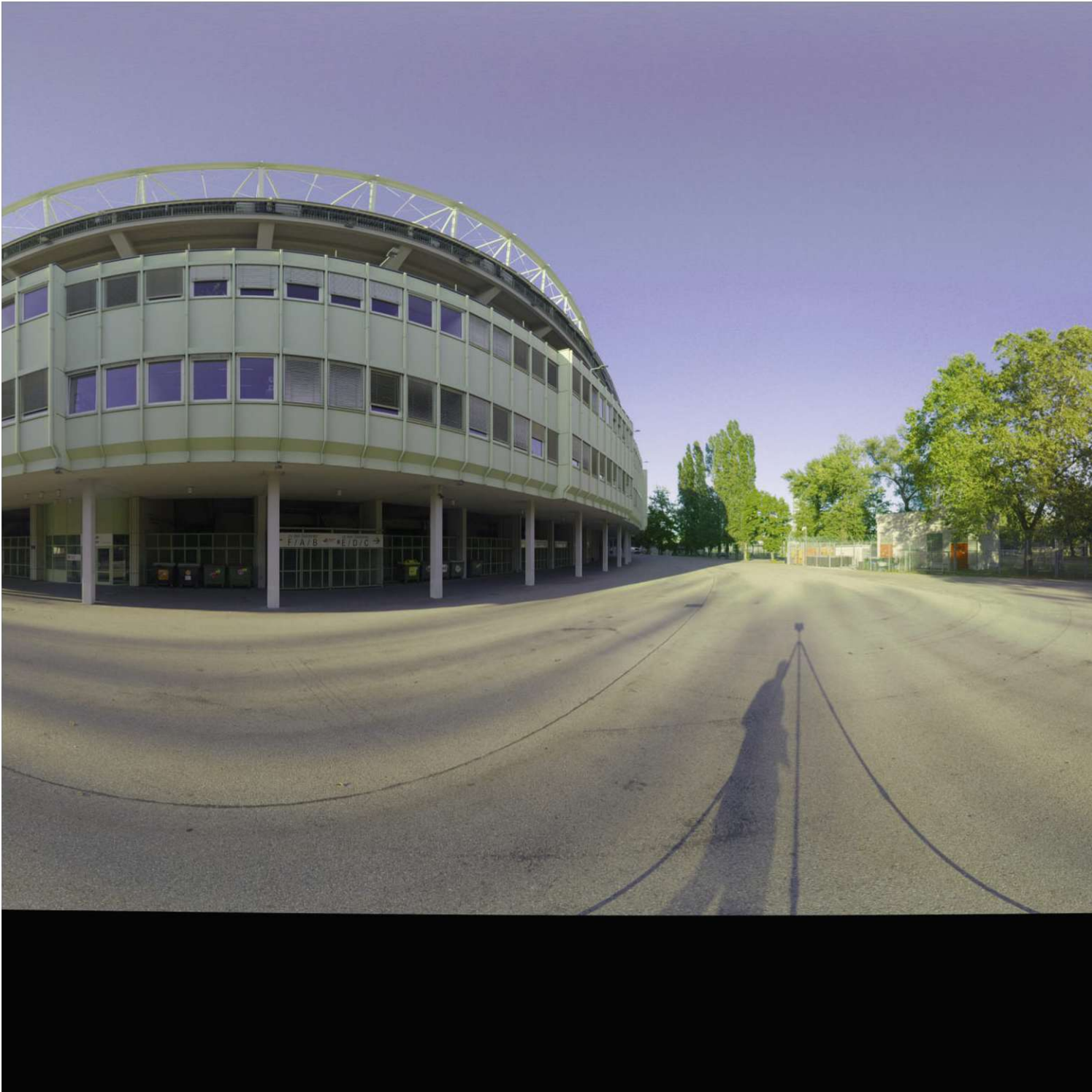


X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_160_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_160.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

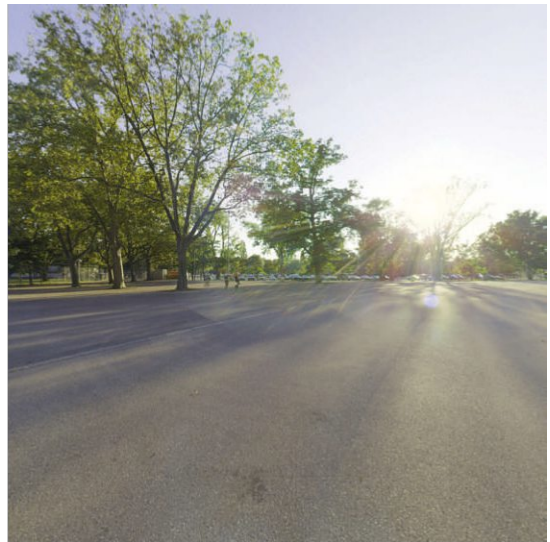
X = -37826.77086

Y = 138138.68701

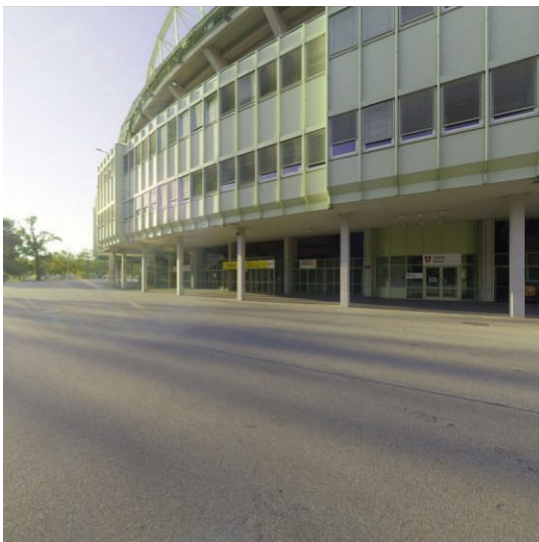
Z = 1276.79616



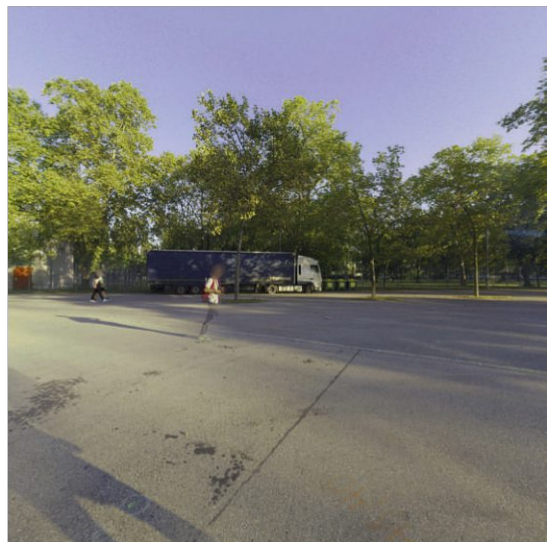
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_161_0.jpeg



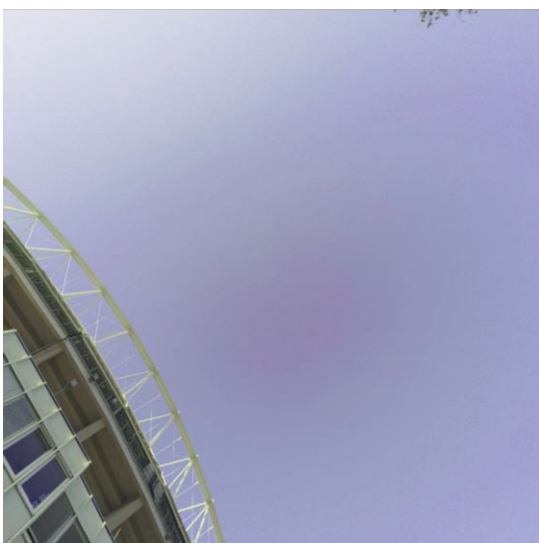
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_161_1.jpeg



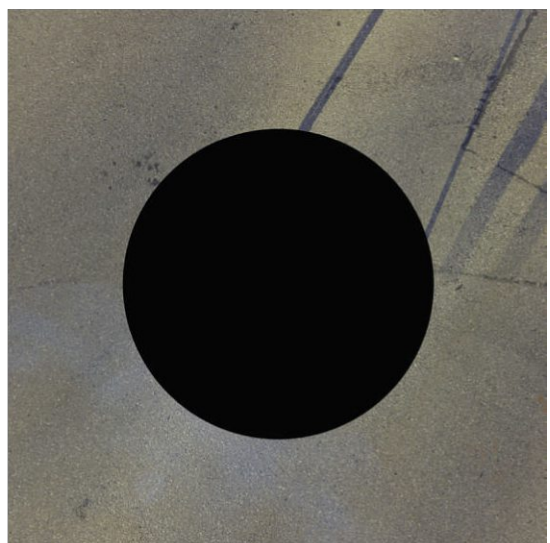
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_161_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_161_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_161_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_161_5.jpeg

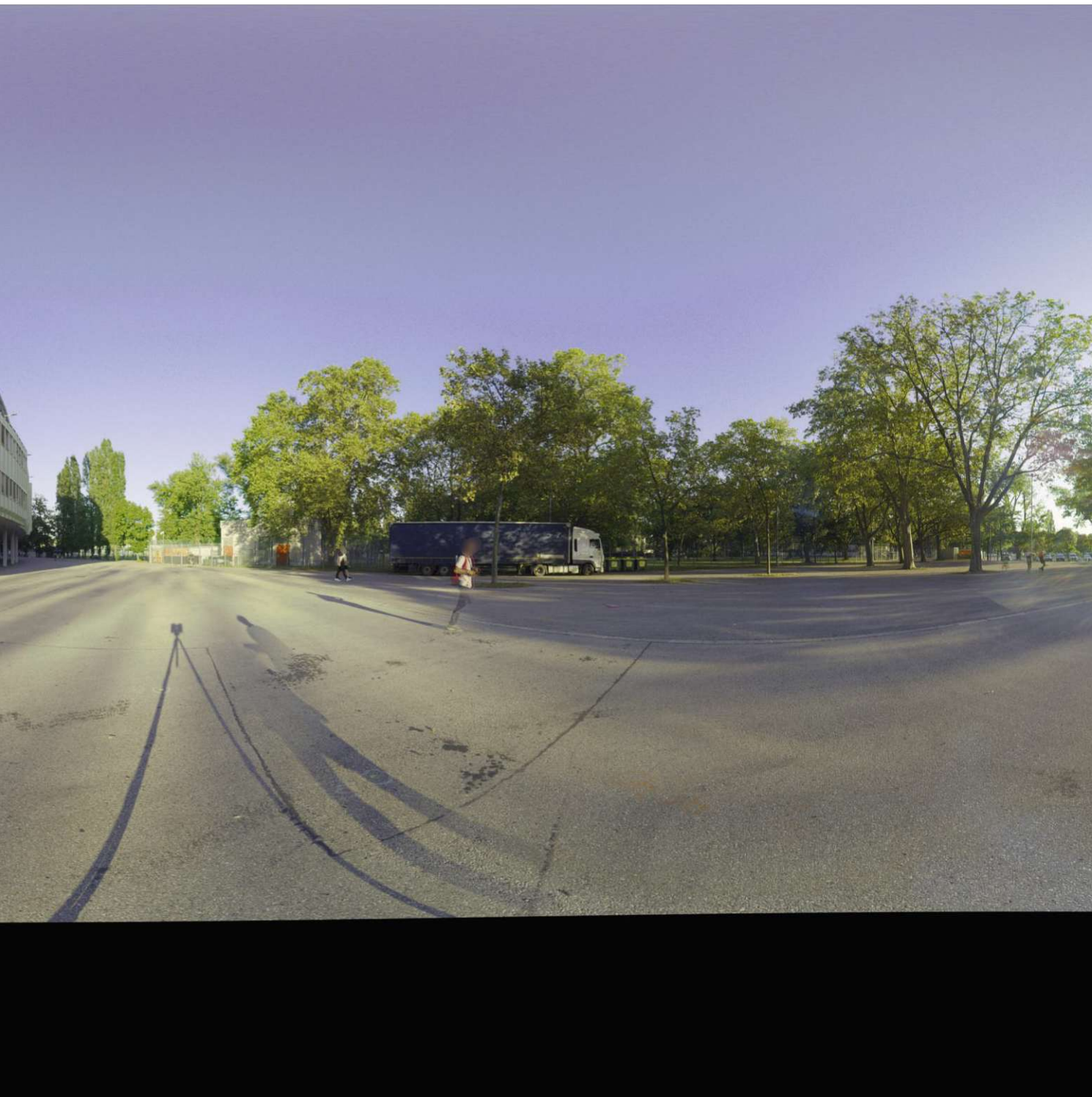
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_161.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -37992.0256$

$Y = 140801.69436$

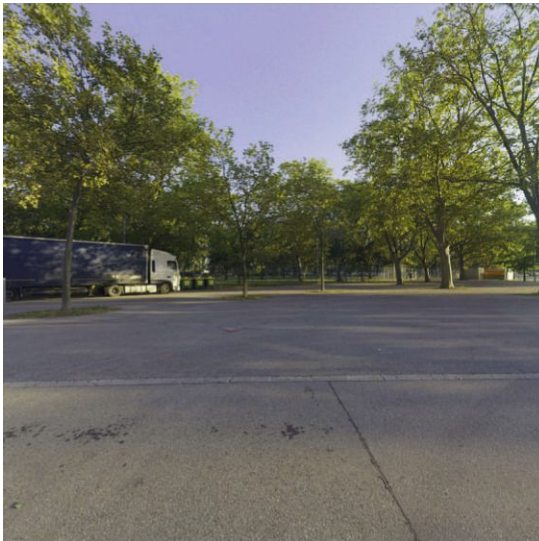
$Z = 1317.81574$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_162_0.jpeg



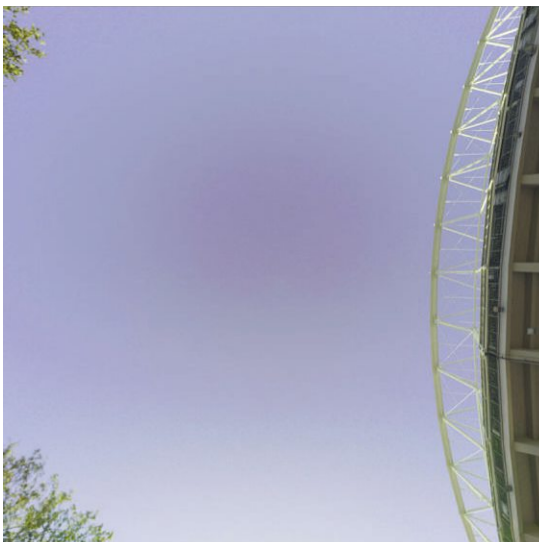
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_162_1.jpeg



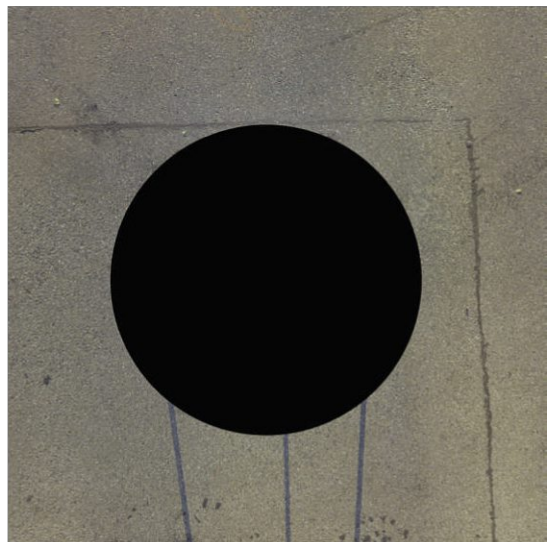
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_162_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_162_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_162_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_162_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_162.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -39672.93518

Y = 139224.68496

Z = 1266.18625



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_163_0.jpeg



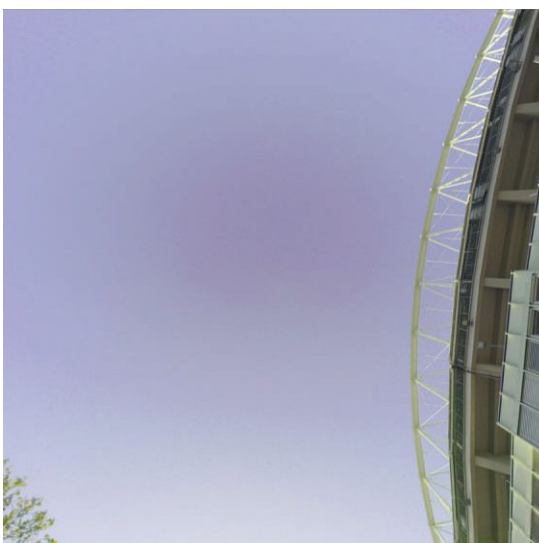
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_163_1.jpeg



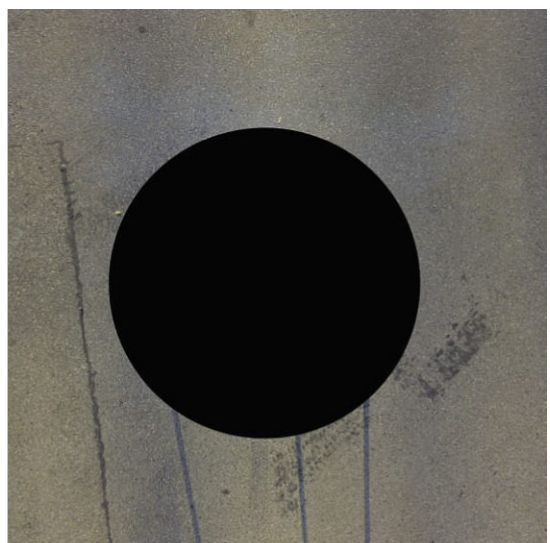
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_163_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_163_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_163_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_163_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_163.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -34166.90226$

$Y = 134309.11267$

$Z = 1727.98213$



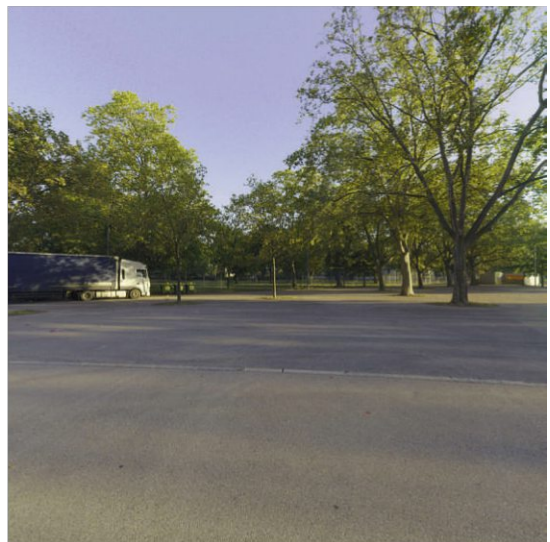
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_164_0.jpeg



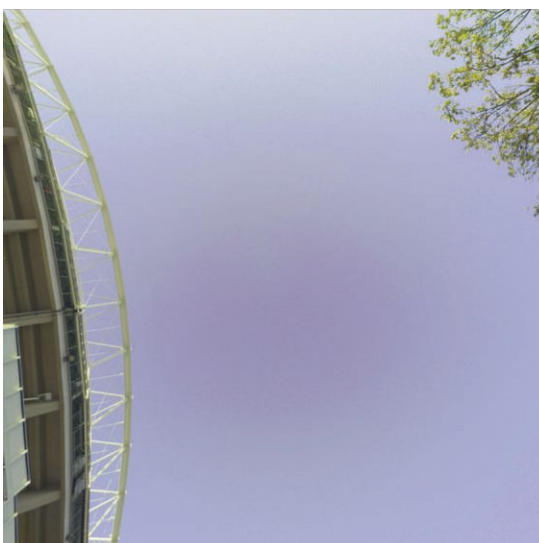
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_164_1.jpeg



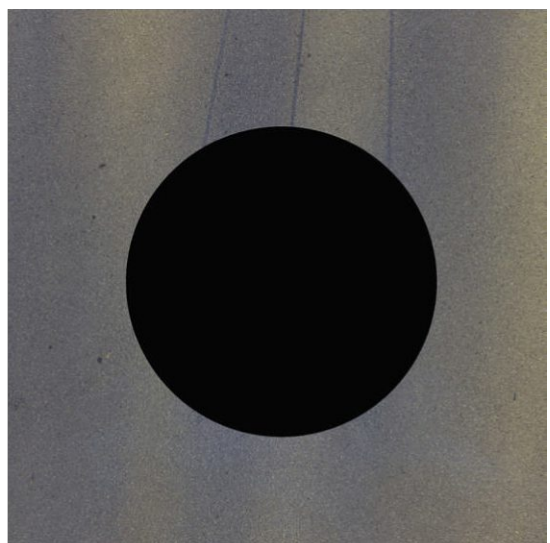
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_164_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_164_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_164_4.jpeg

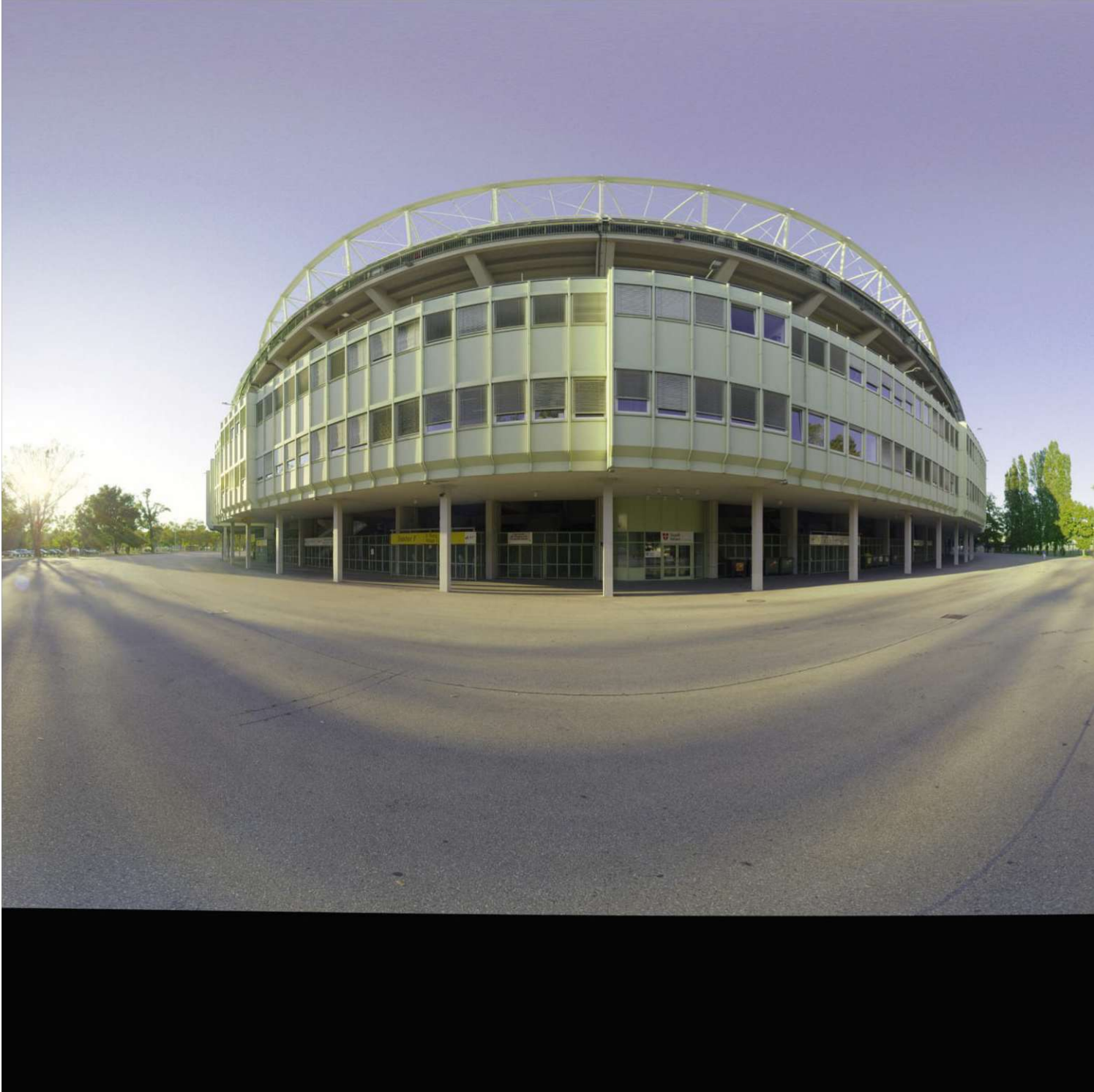


X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_164_5.jpeg

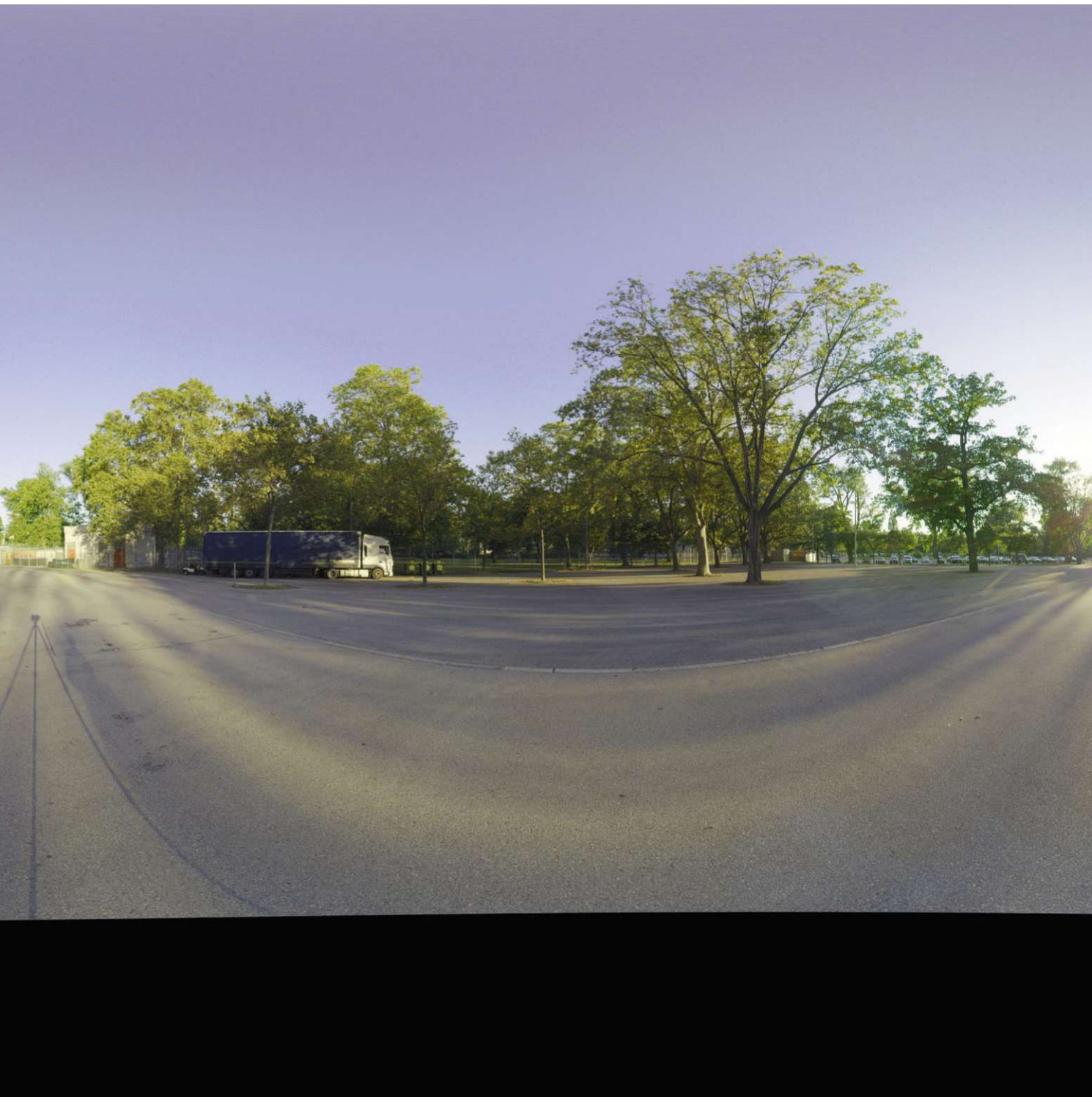
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_164.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

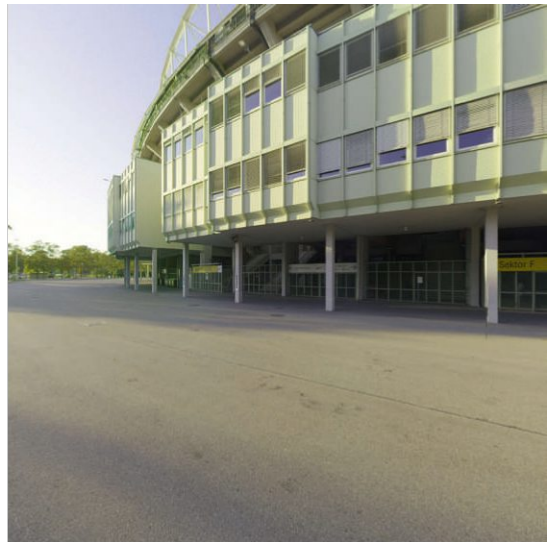
X = -22909.57887

Y = 119175.01646

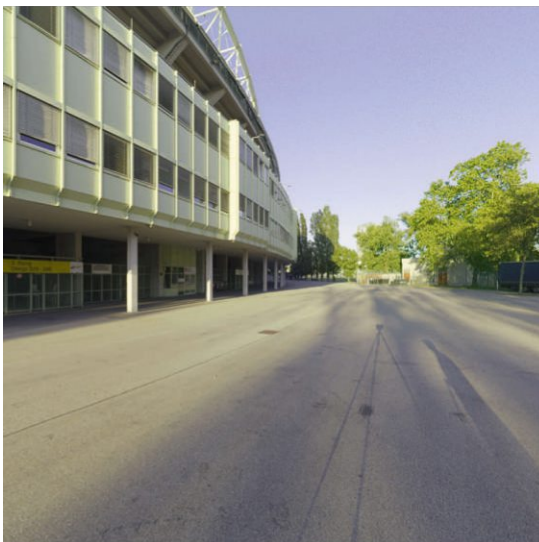
Z = 1747.61183



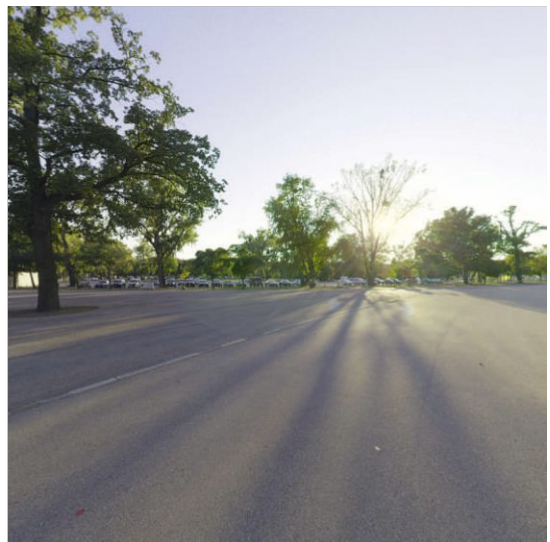
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_165_0.jpeg



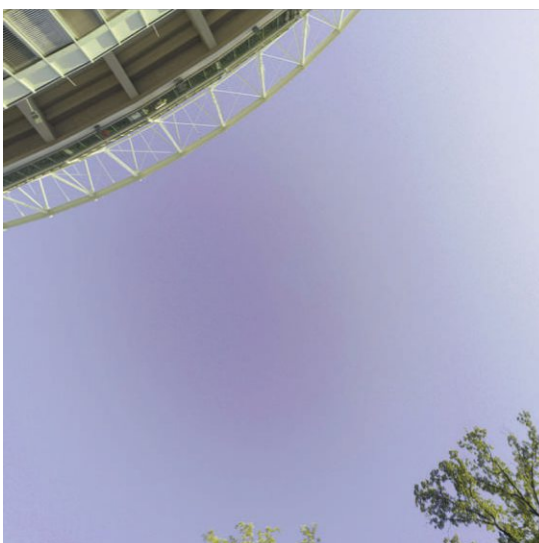
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_165_1.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_165_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_165_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_165_4.jpeg

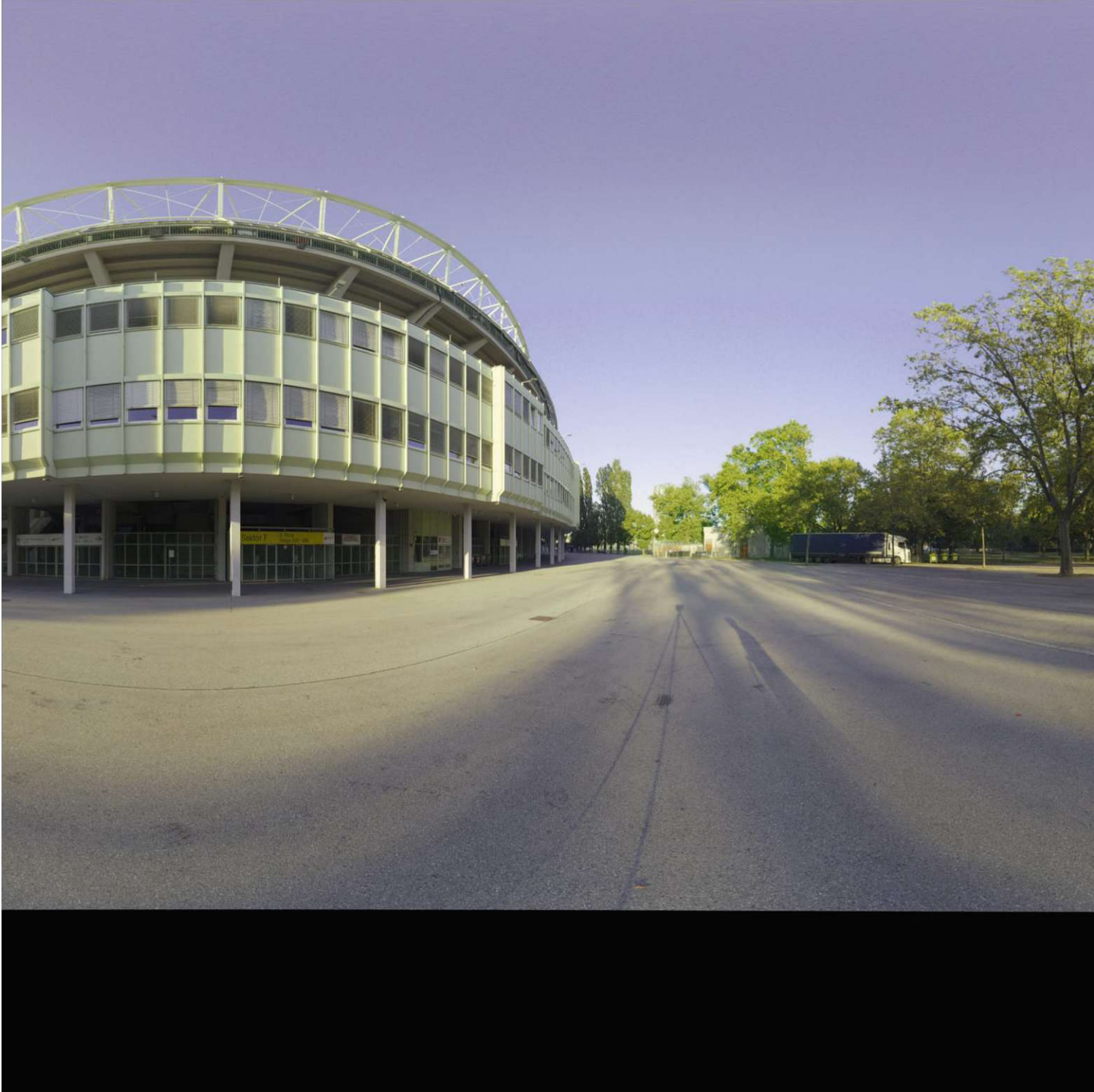


X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_165_5.jpeg

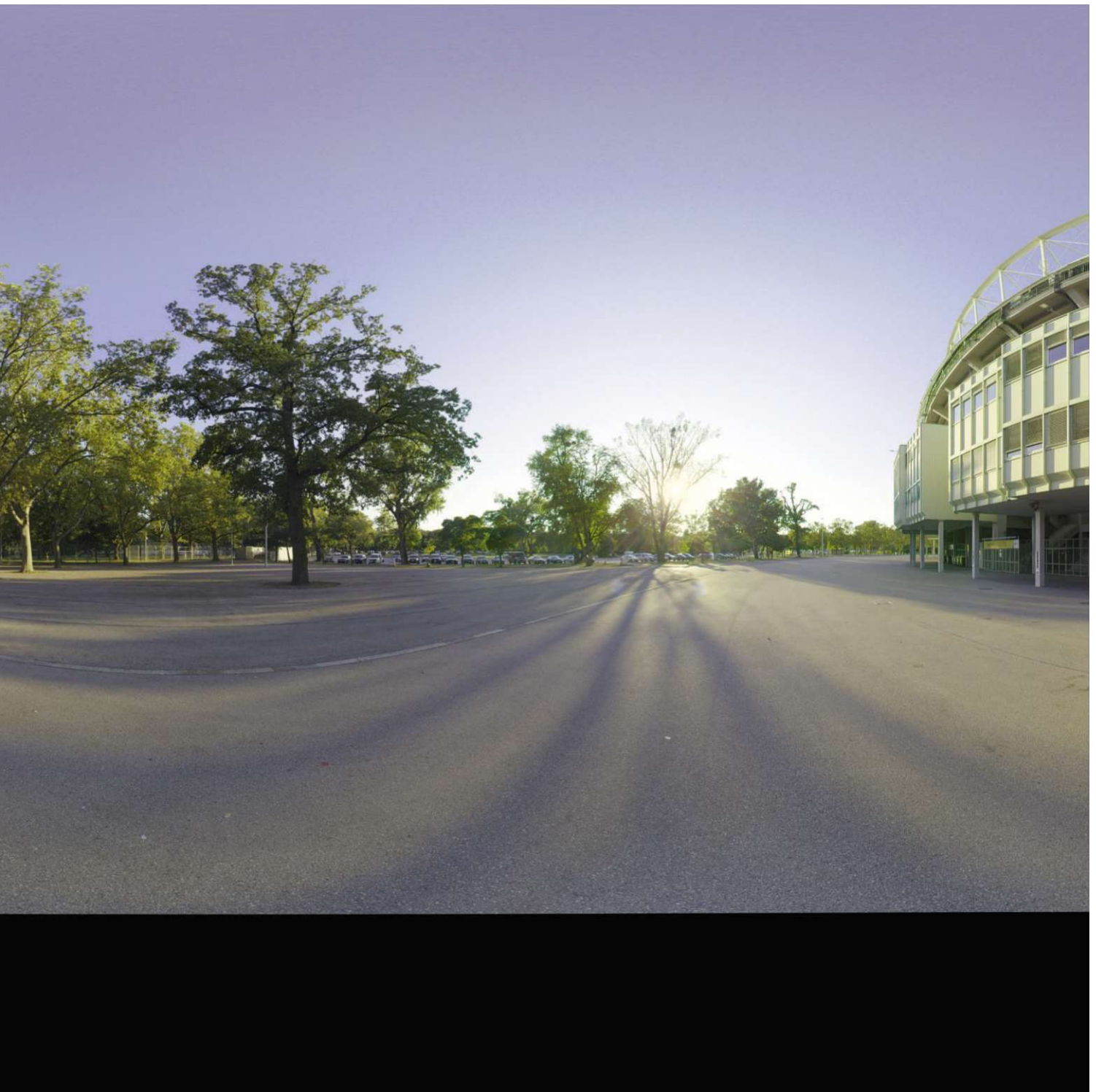
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_165.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -13928.96636$

$Y = 99823.22536$

$Z = 1725.74531$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_166_0.jpeg



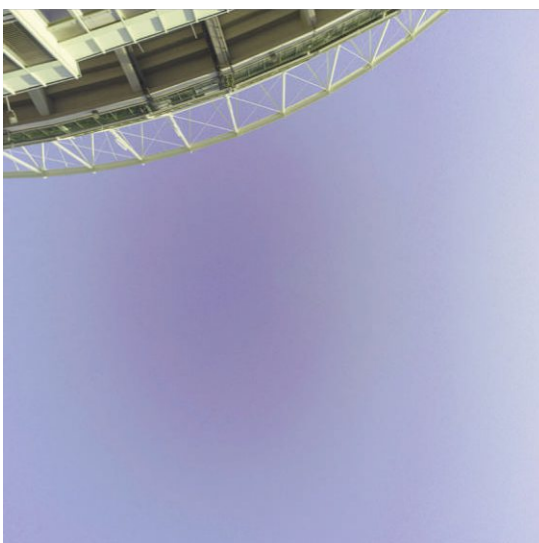
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_166_1.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_166_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_166_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_166_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_166_5.jpeg

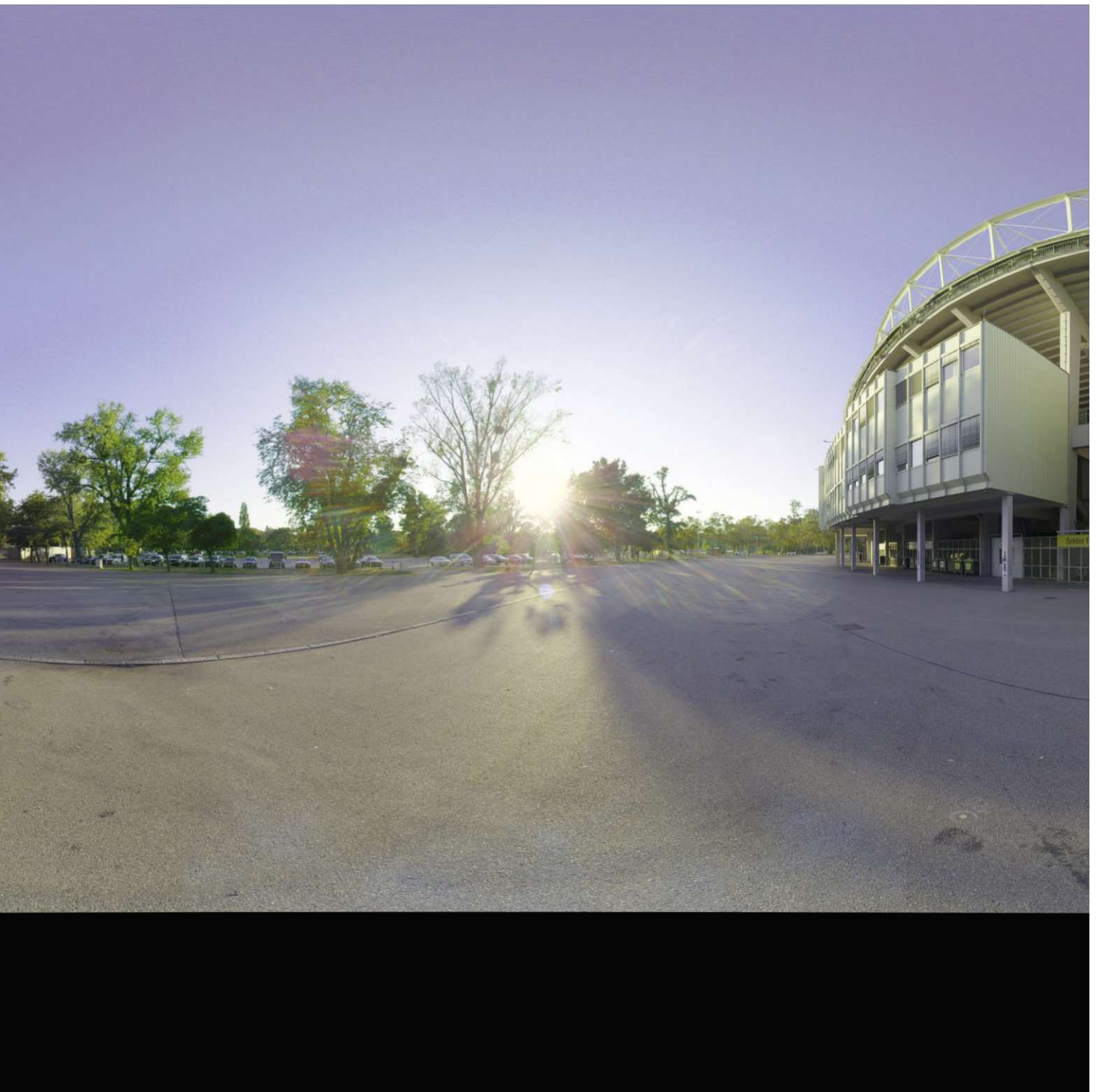
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_166.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -9050.38325

Y = 77447.16382

Z = 1670.13007



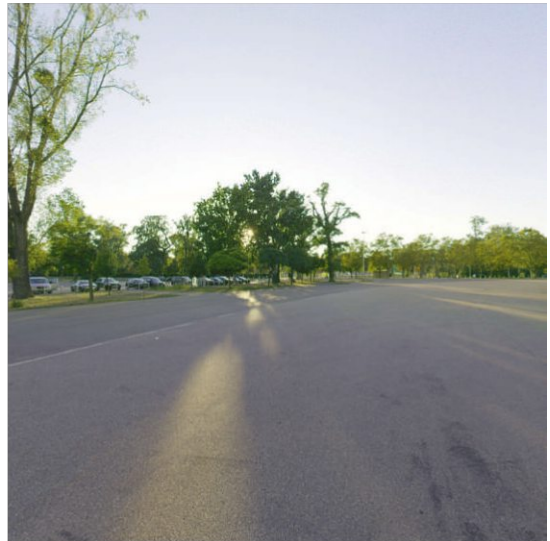
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_167_0.jpeg



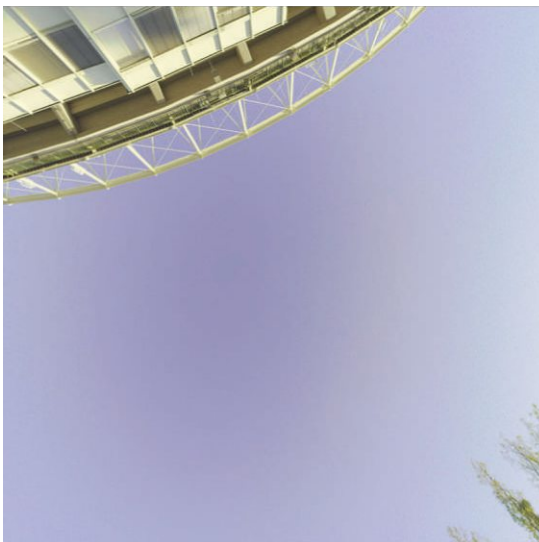
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_167_1.jpeg



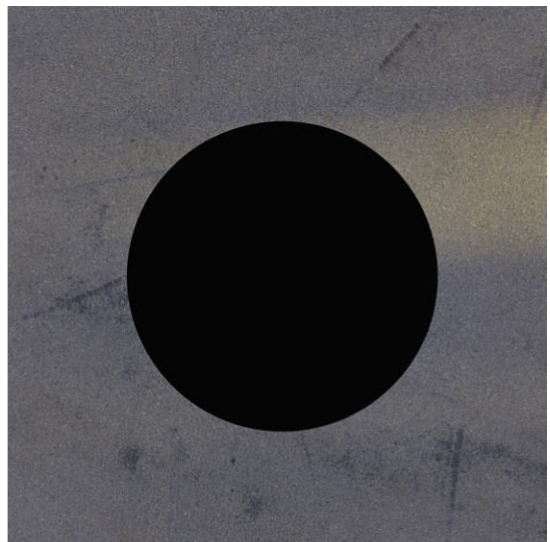
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_167_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_167_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_167_4.jpeg

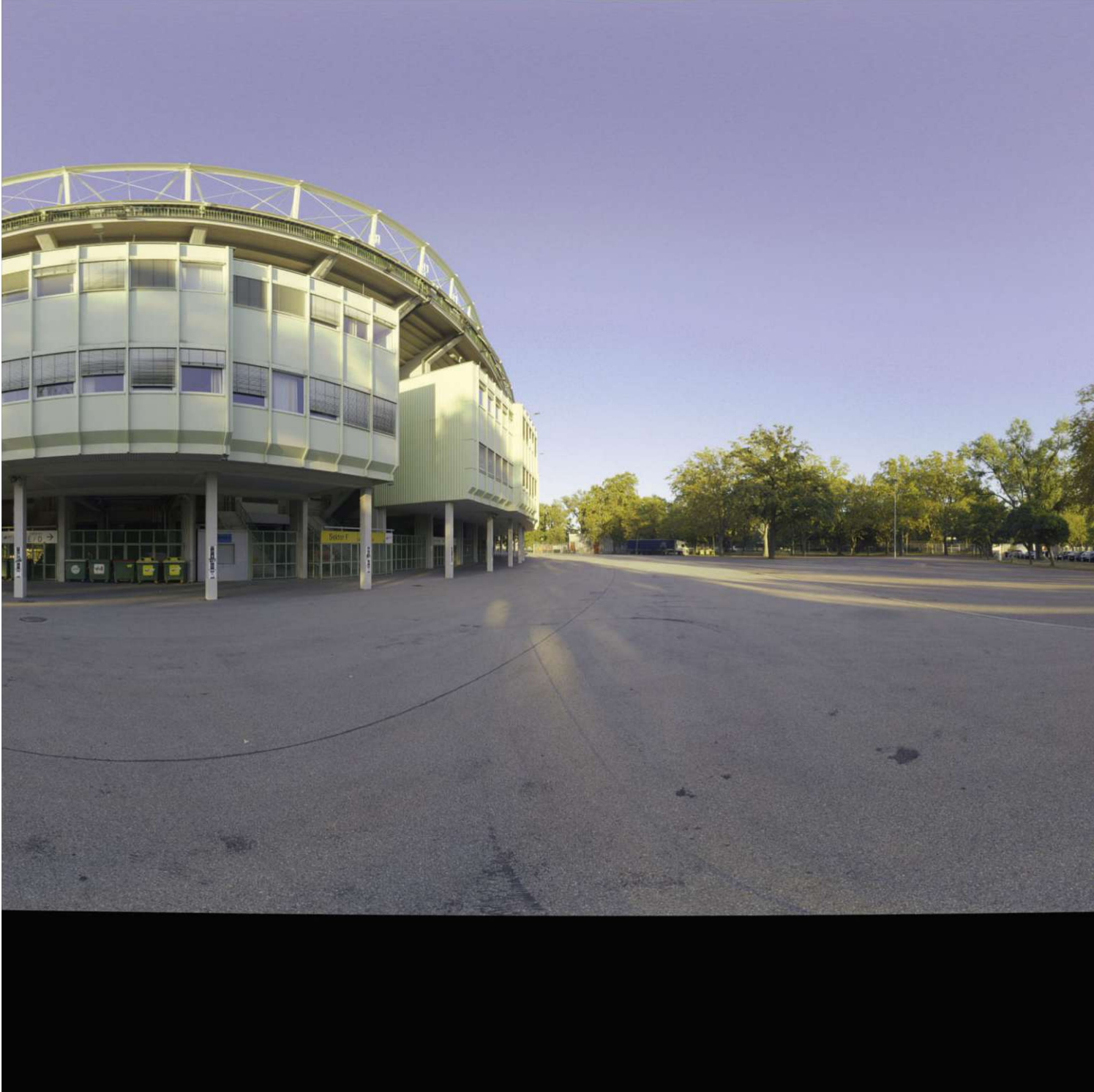


X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_167_5.jpeg

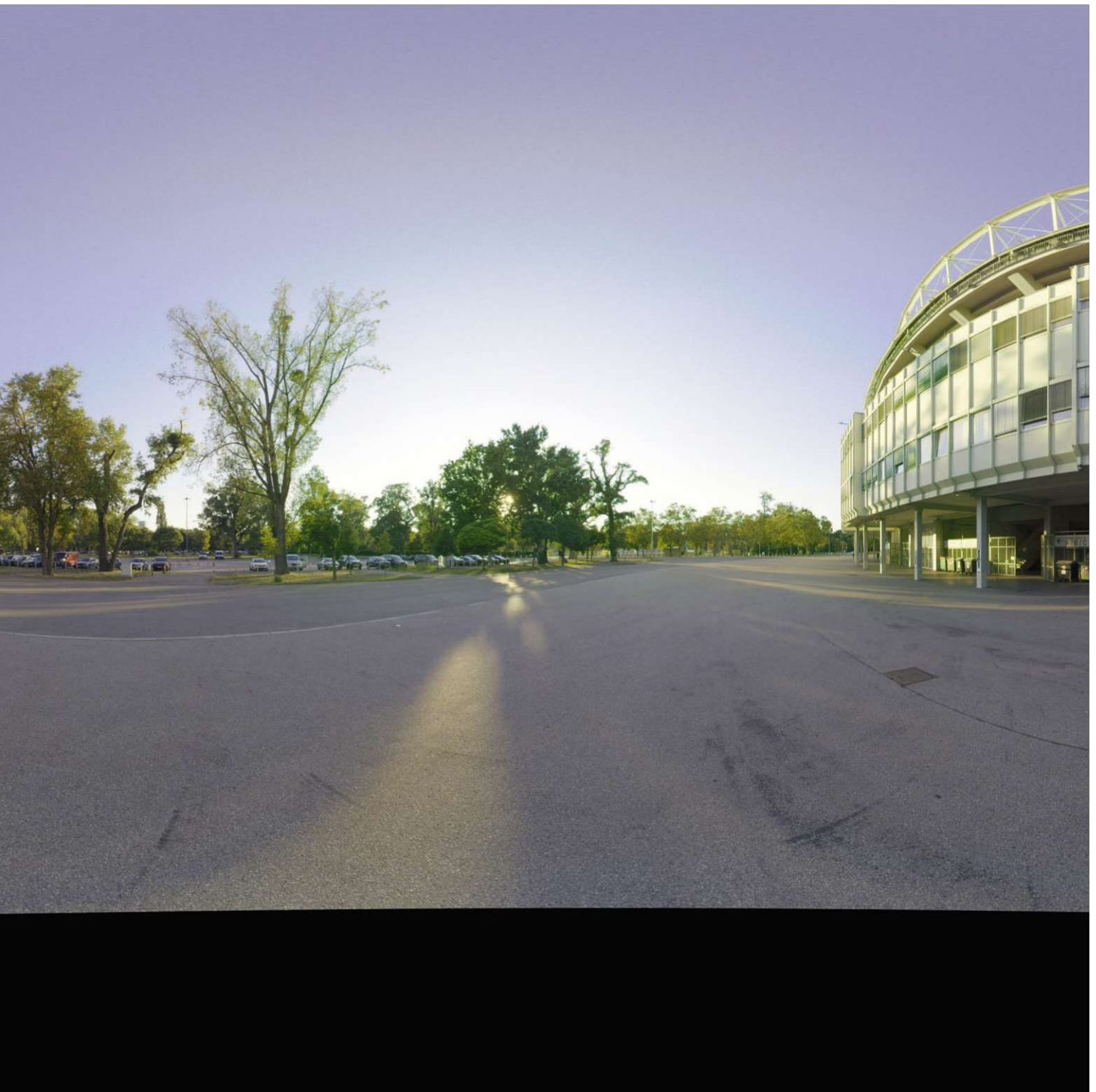
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_167.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -8185.39181$

$Y = 61052.6762$

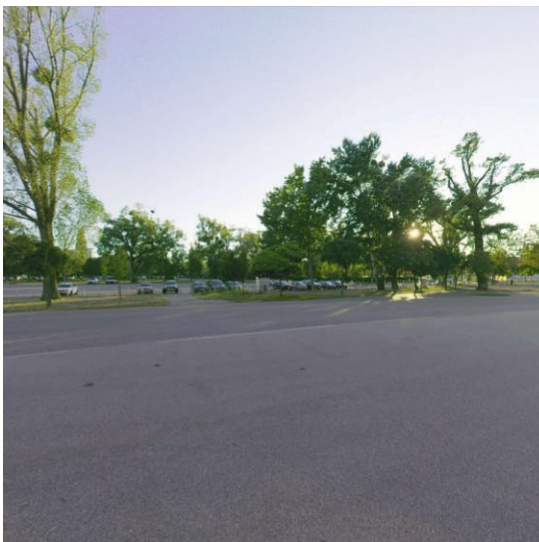
$Z = 1627.58407$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_168_0.jpeg



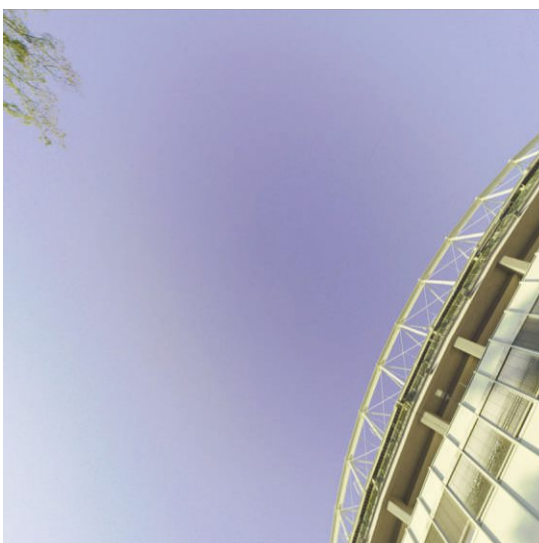
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_168_1.jpeg



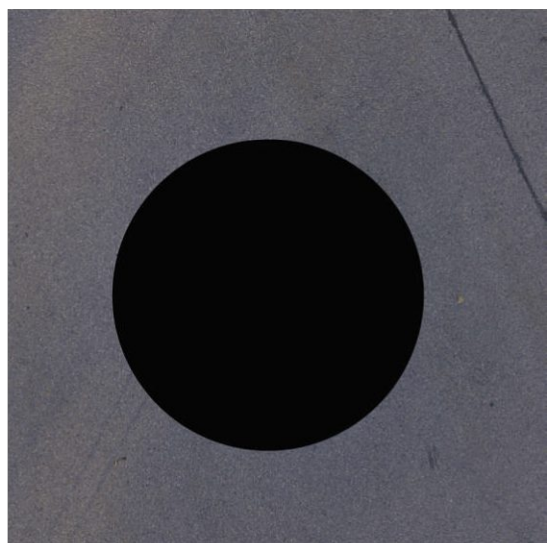
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_168_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_168_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_168_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_168_5.jpeg

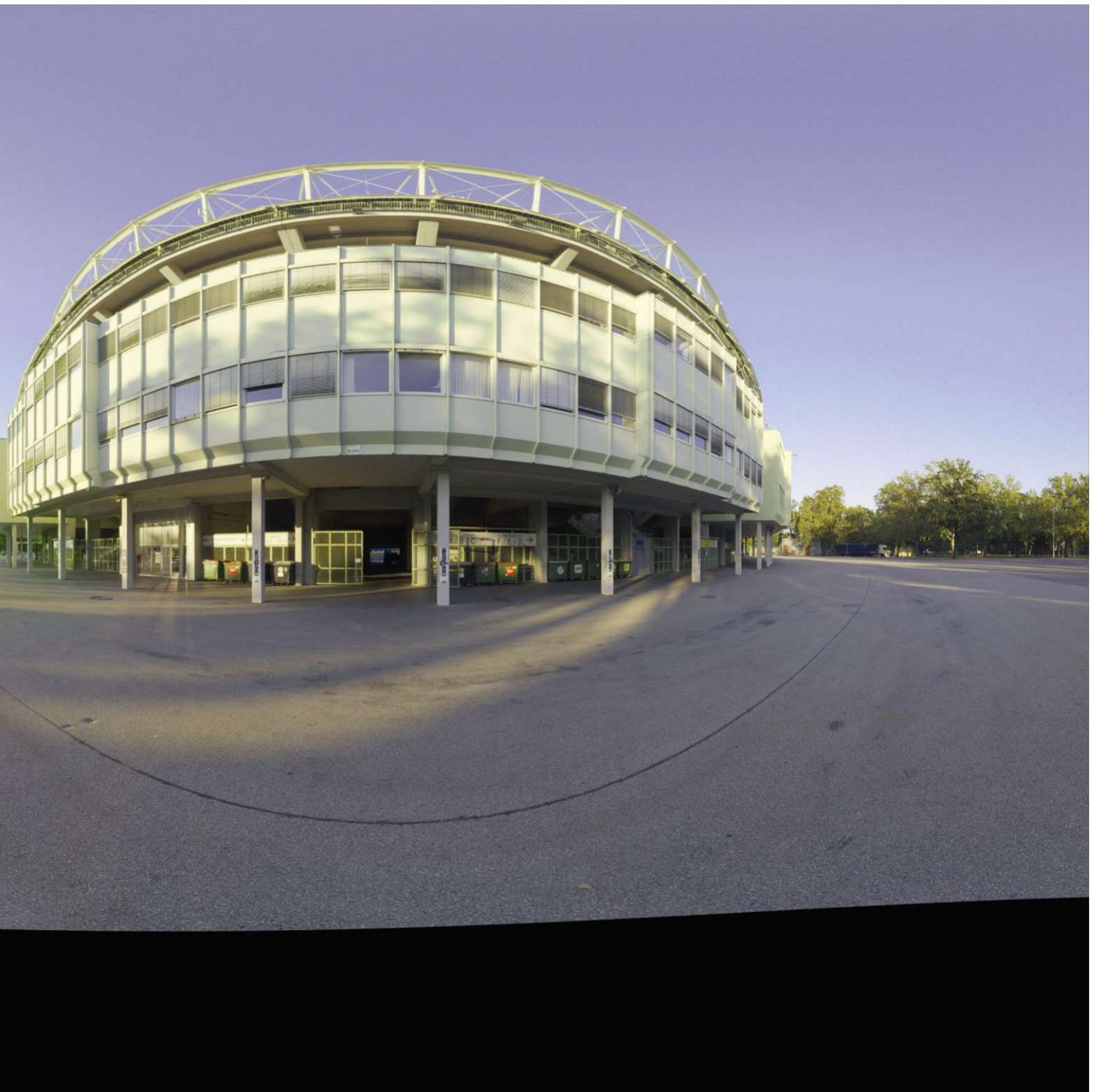
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_168.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -6936.35882$

$Y = 38211.55722$

$Z = 1701.02147$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_169_0.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_169_1.jpeg



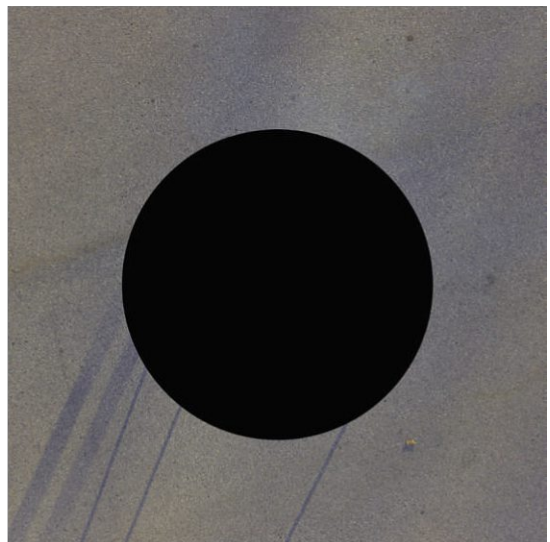
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_169_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_169_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_169_4.jpeg

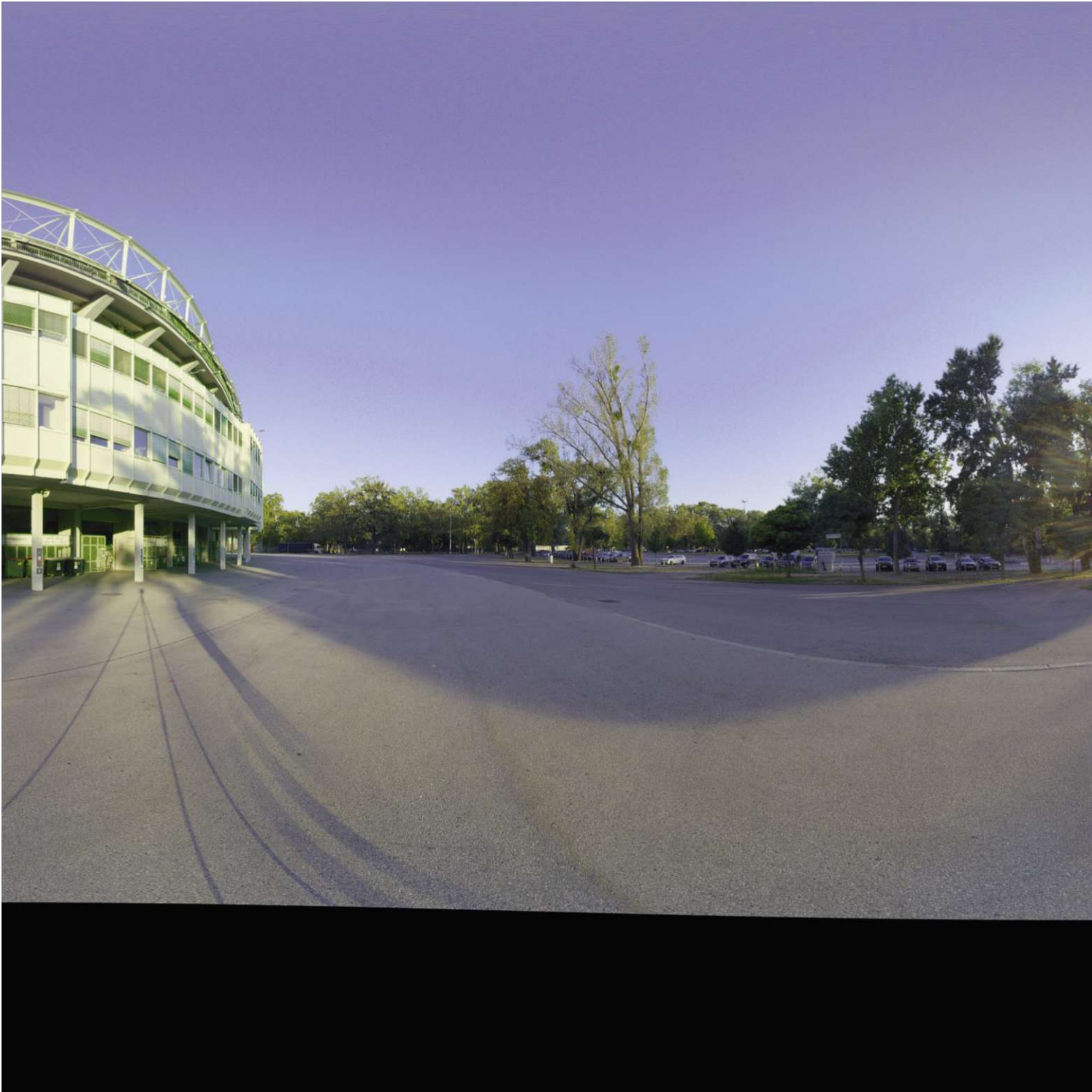


X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_169_5.jpeg

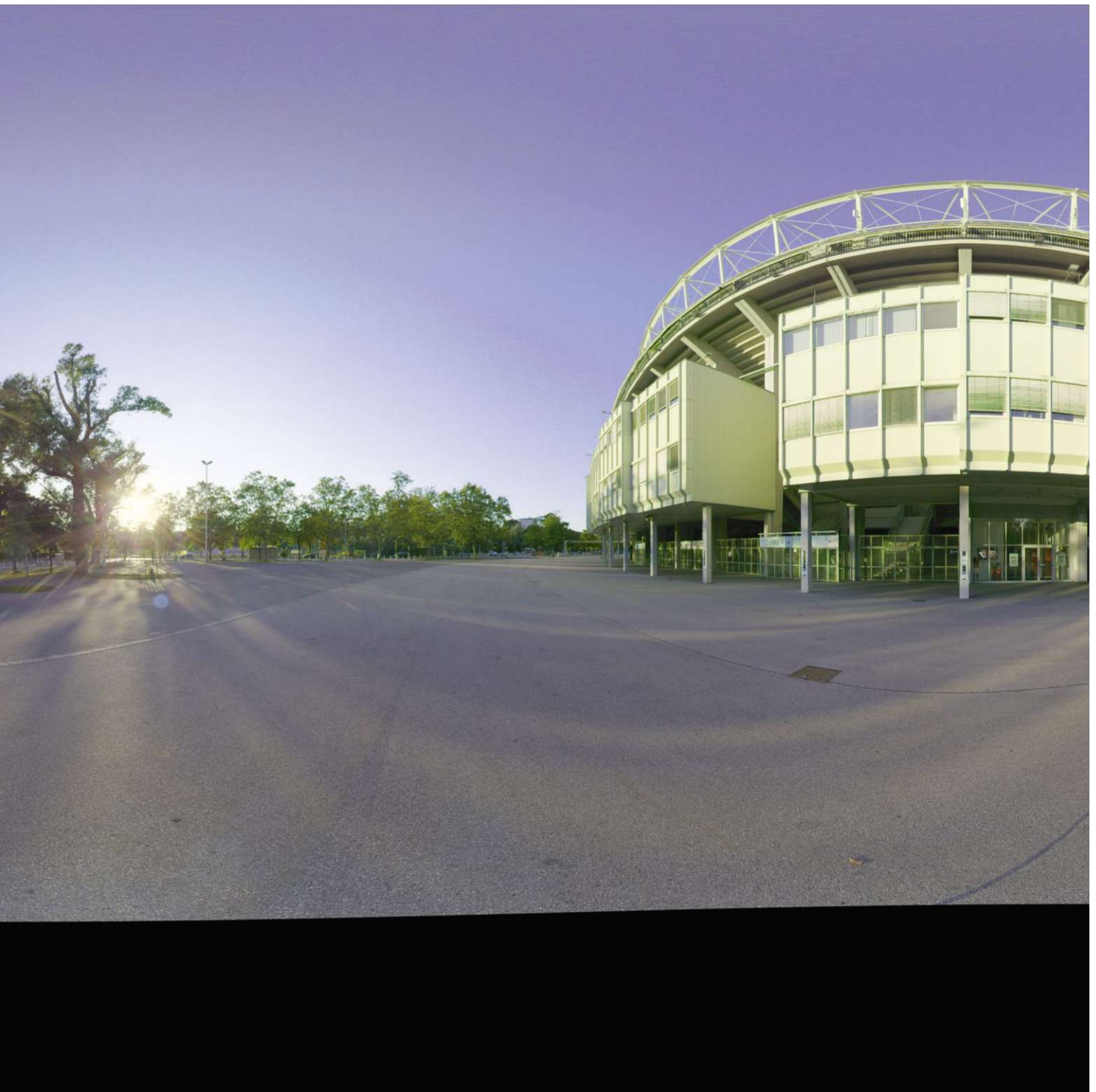
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_169.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

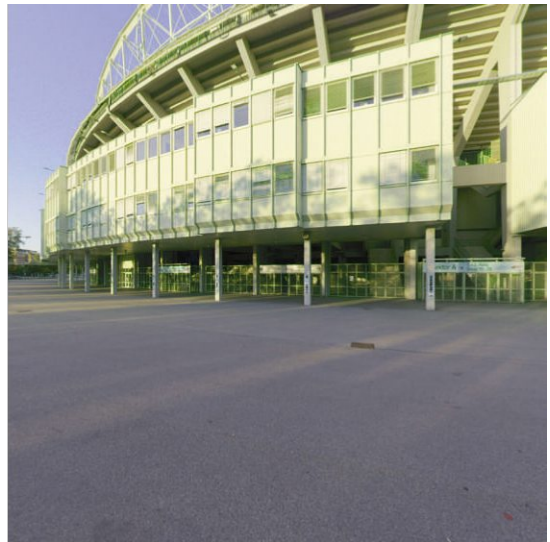
X = -9299.40011

Y = 16005.30827

Z = 1770.57202



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_170_0.jpeg



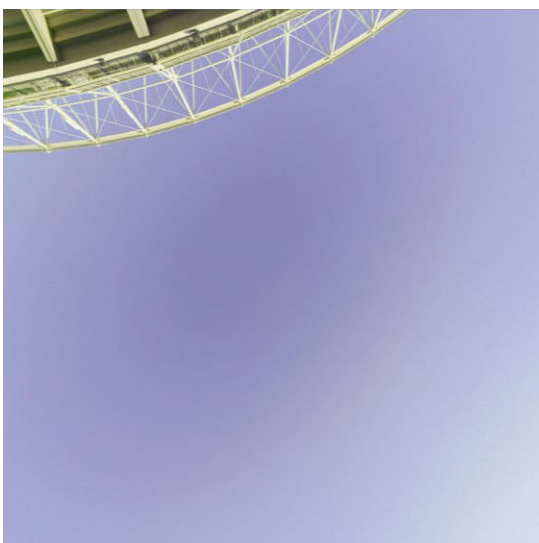
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_170_1.jpeg



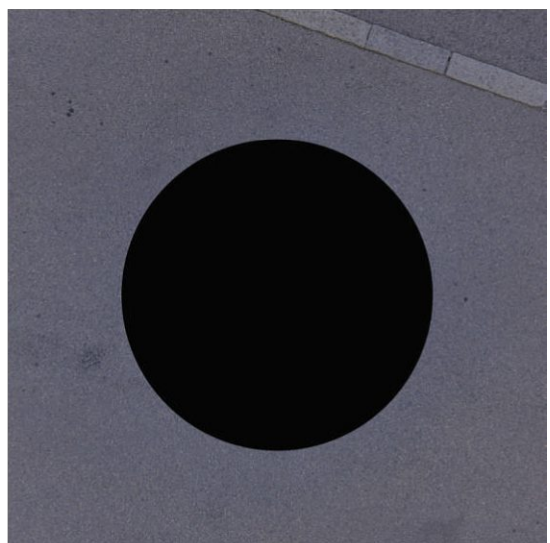
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_170_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_170_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_170_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_170_5.jpeg

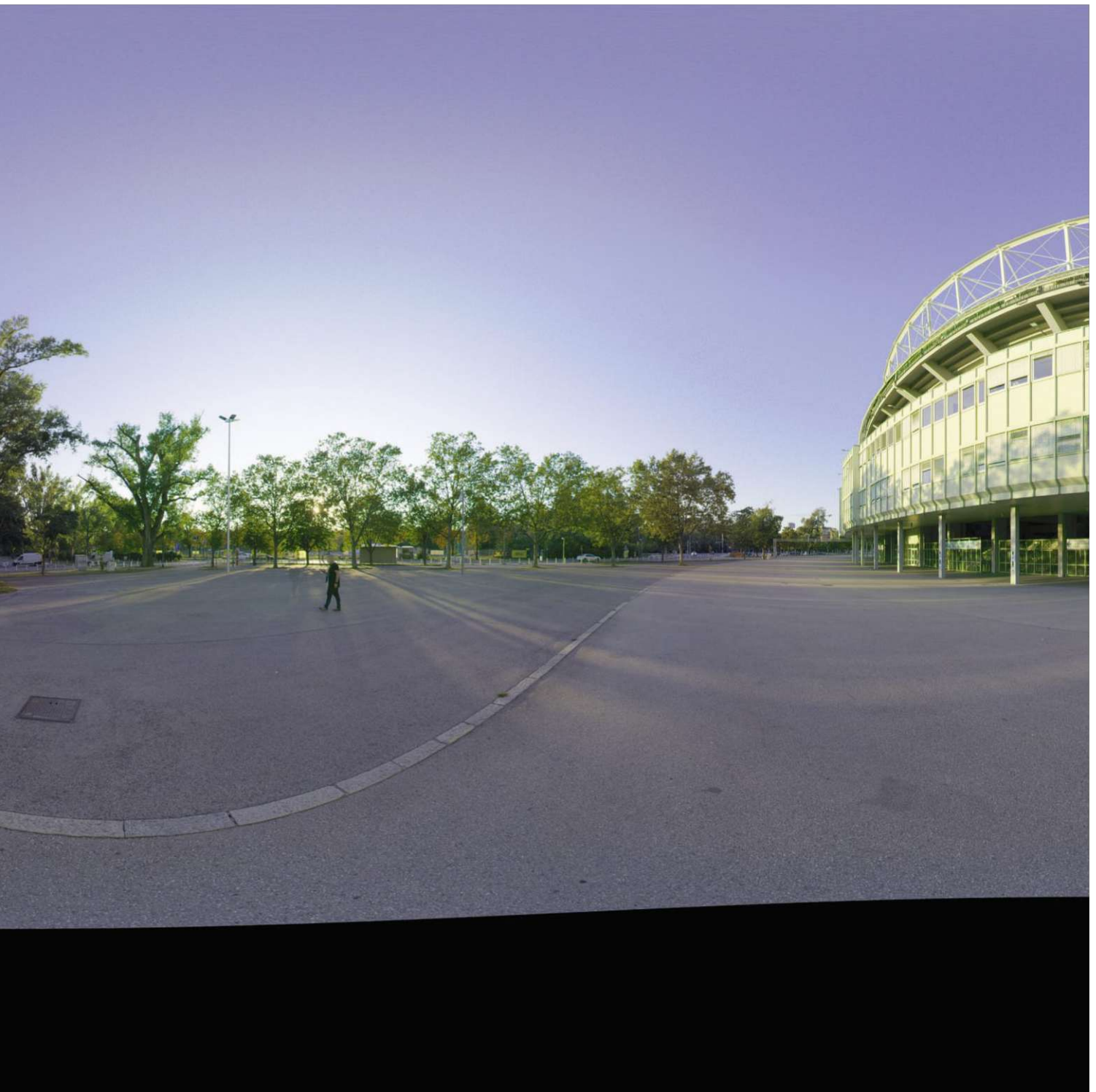
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_170.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -1733.14483$

$Y = -2183.26866$

$Z = 1939.75575$



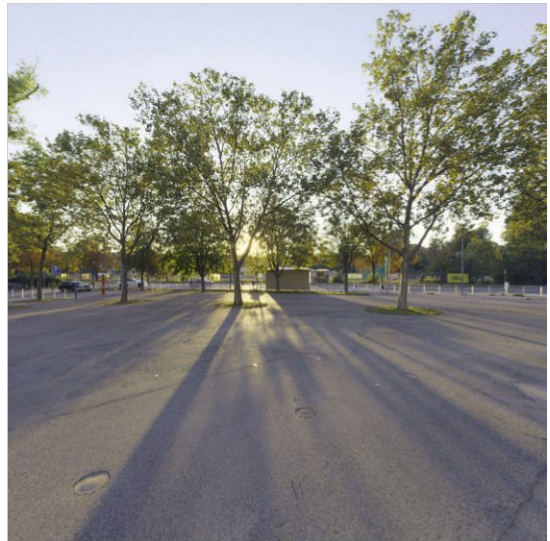
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_171_0.jpeg



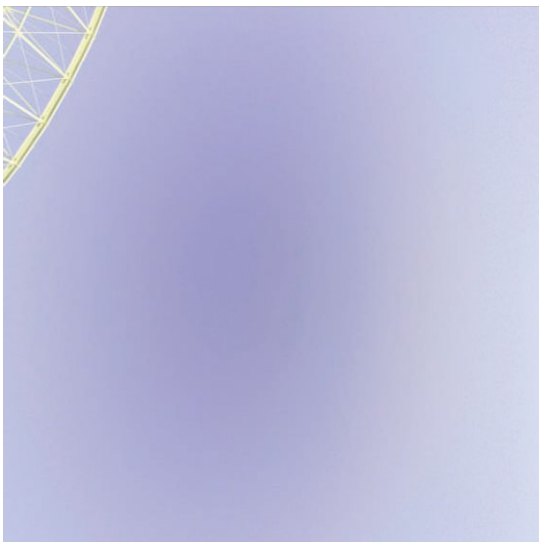
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_171_1.jpeg



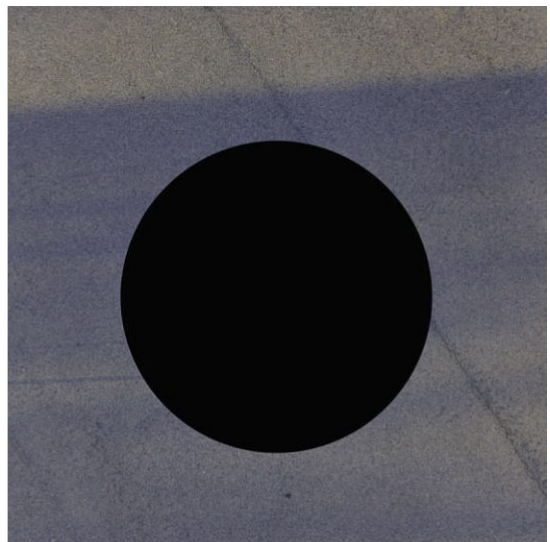
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_171_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_171_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_171_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_171_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_171.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = 676.8222$

$Y = -996.98918$

$Z = 1298.02979$



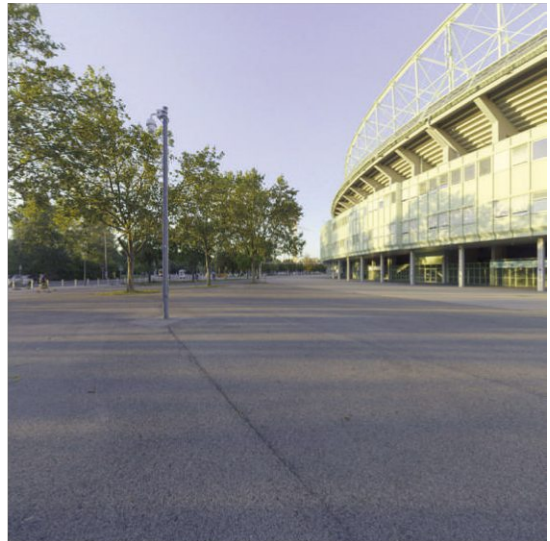
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_172_0.jpeg



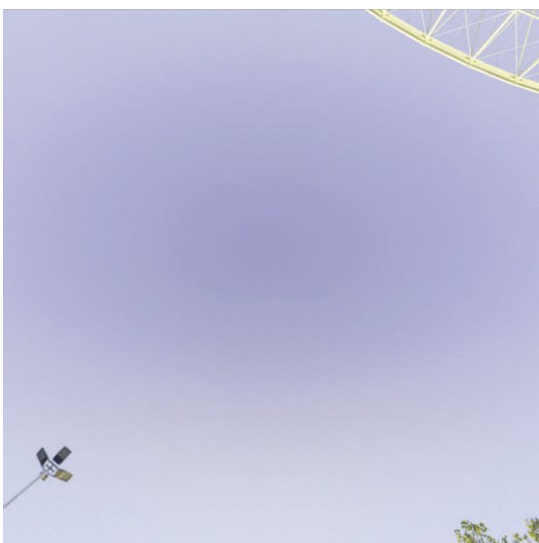
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_172_1.jpeg



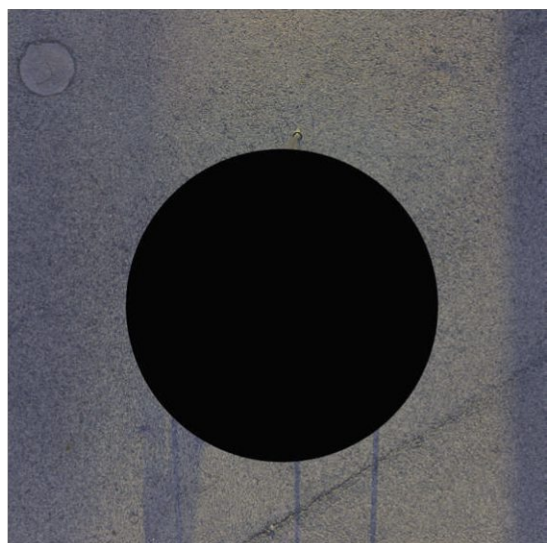
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_172_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_172_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_172_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_172_5.jpeg

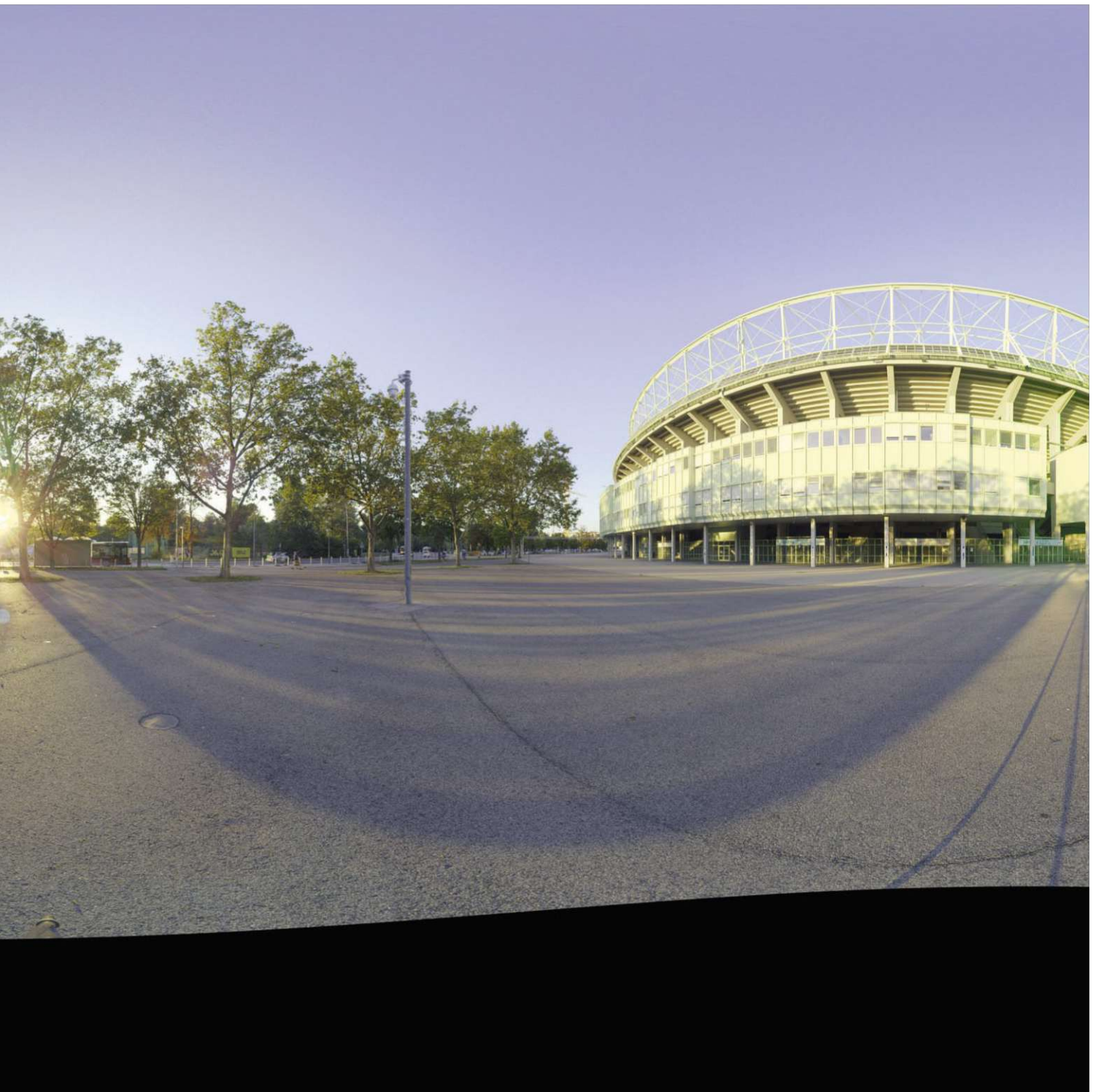
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_172.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -1501.02473$

$Y = 793.0382$

$Z = 1305.99153$



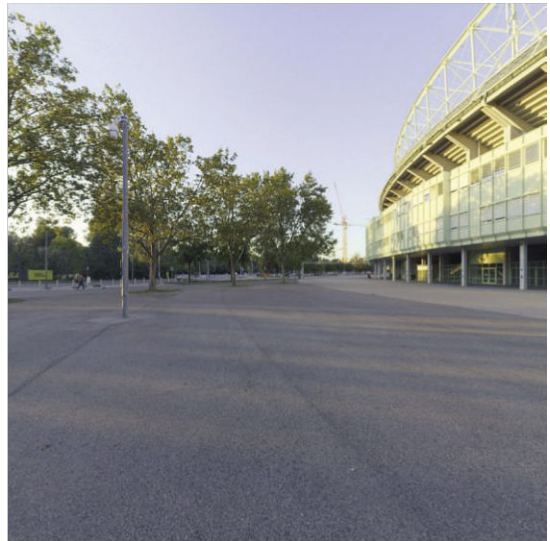
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_173_0.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_173_1.jpeg



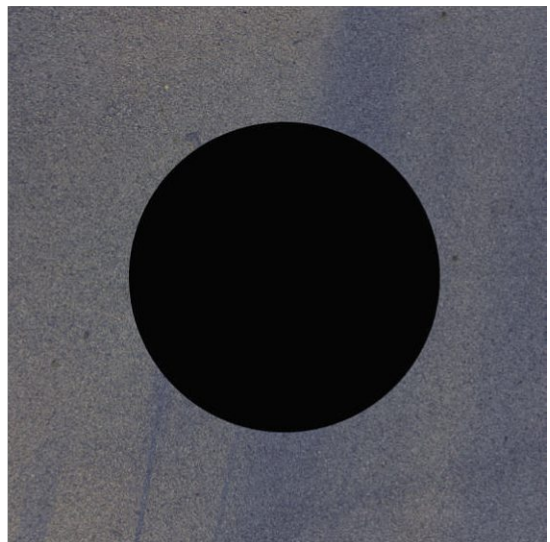
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_173_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_173_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_173_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_173_5.jpeg

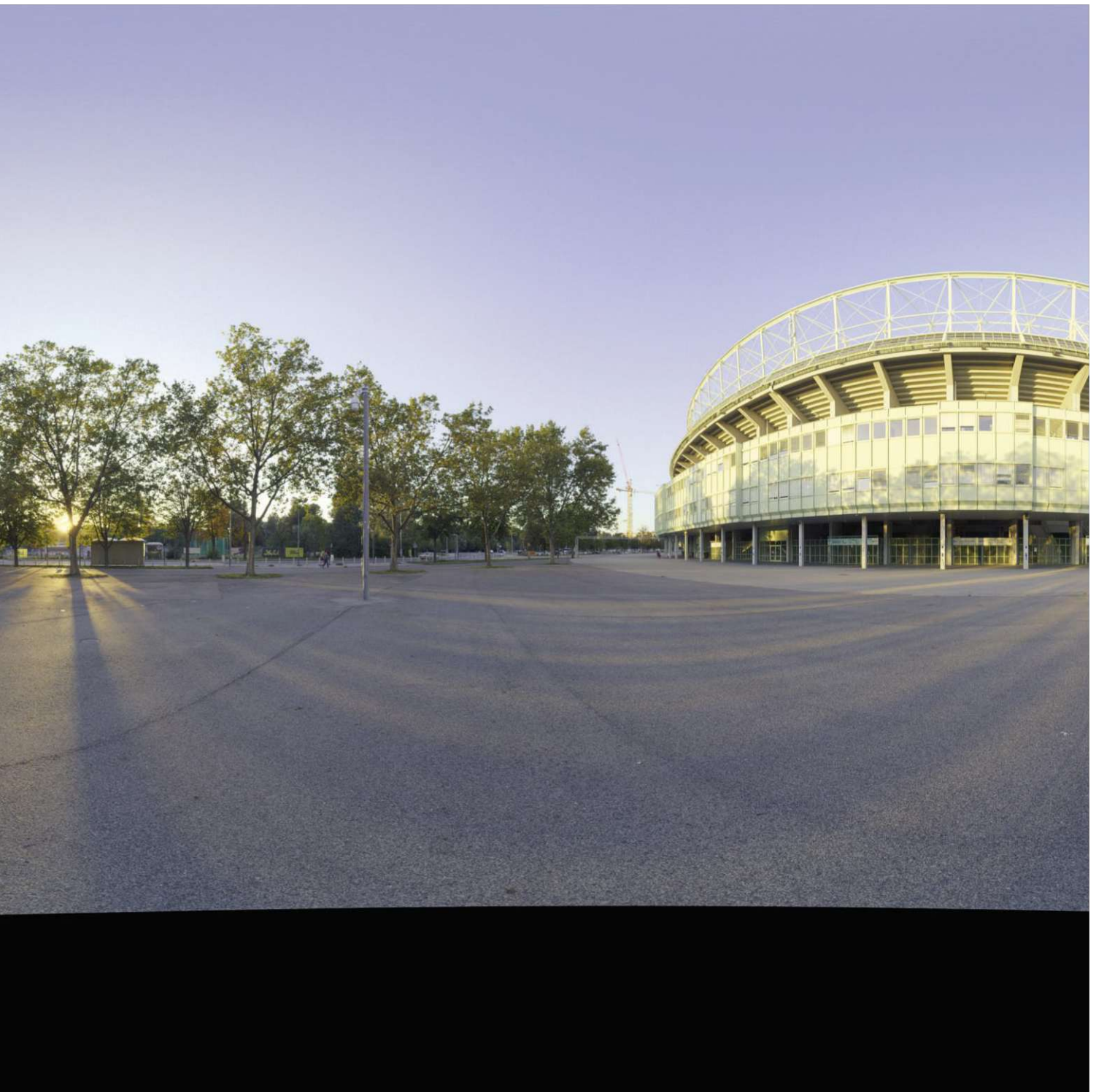
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_173.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -16361.72186

Y = -11434.40153

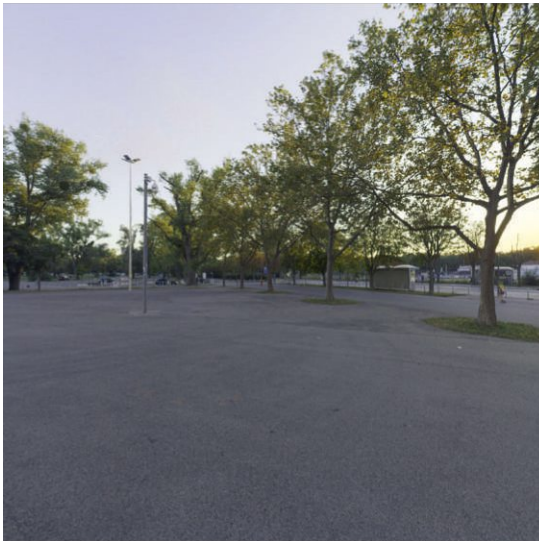
Z = 1739.57702



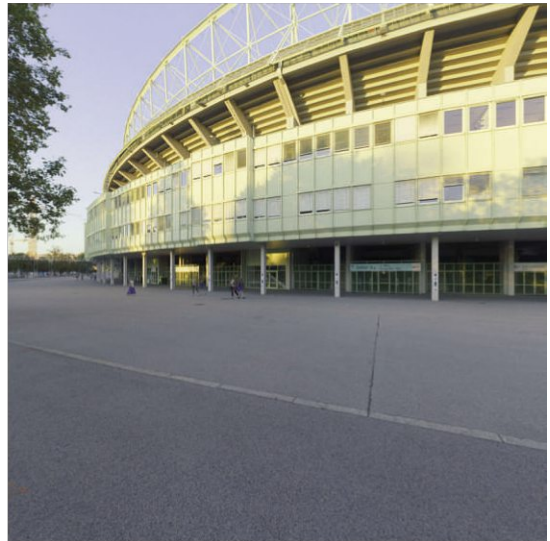
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_174_0.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_174_1.jpeg



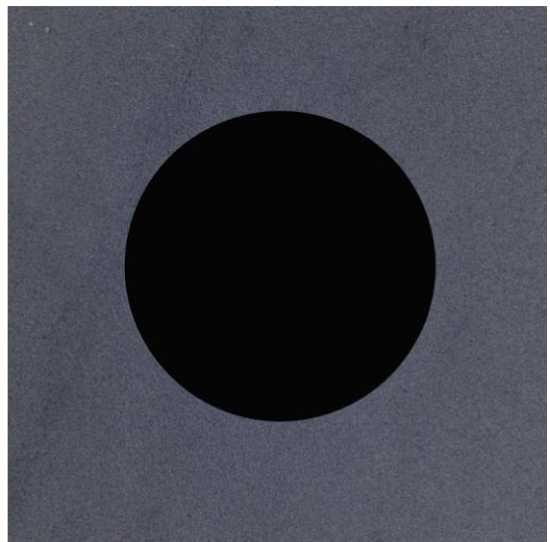
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_174_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_174_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_174_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_174_5.jpeg

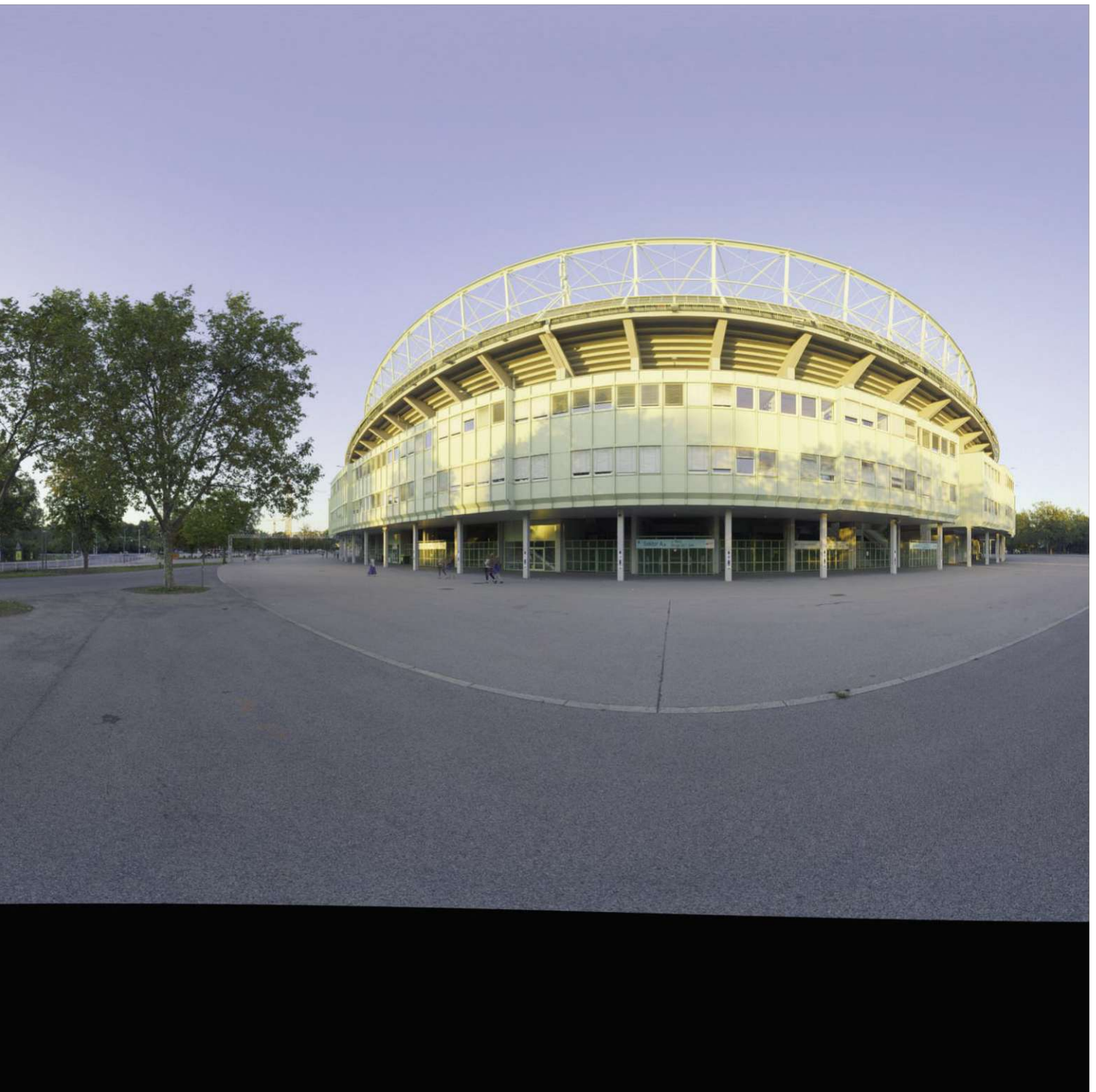
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_174.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -31651.69133$

$Y = -20551.68651$

$Z = 1626.07884$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_175_0.jpeg



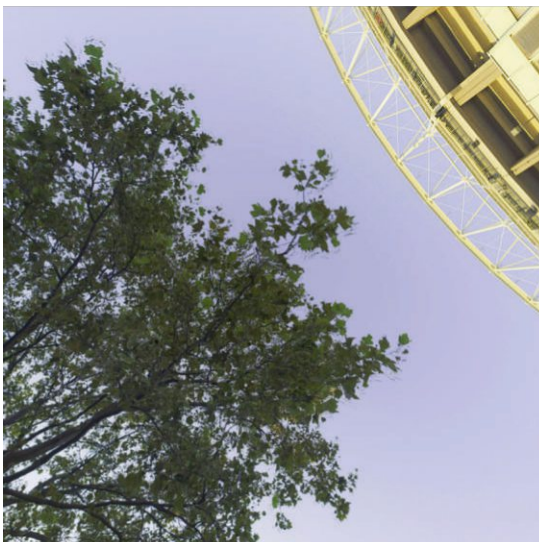
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_175_1.jpeg



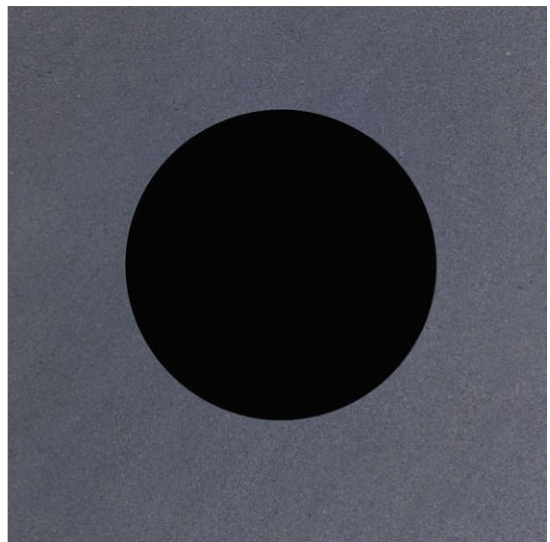
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_175_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_175_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_175_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_175_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_175.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -43234.10292$

$Y = -34875.14537$

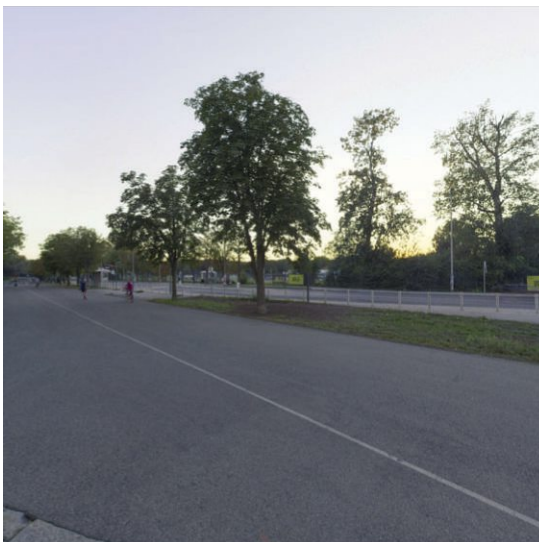
$Z = 1582.7301$



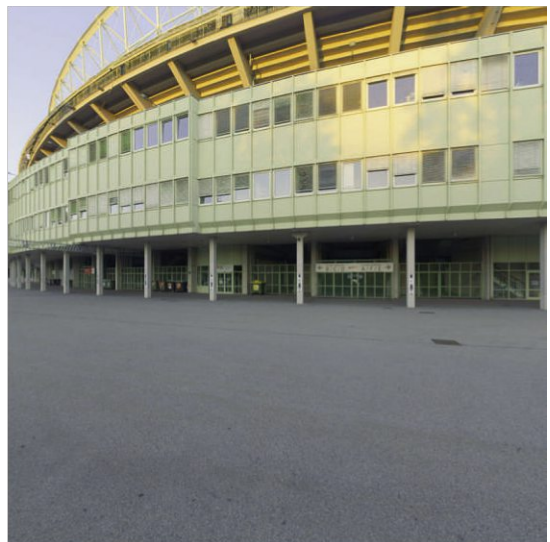
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_176_0.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_176_1.jpeg



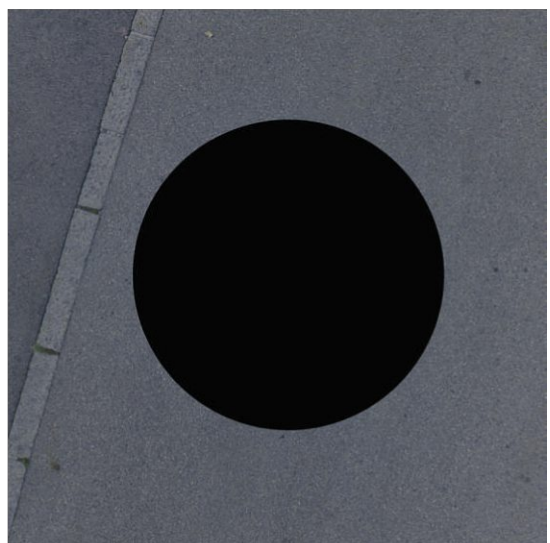
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_176_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_176_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_176_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_176_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_176.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

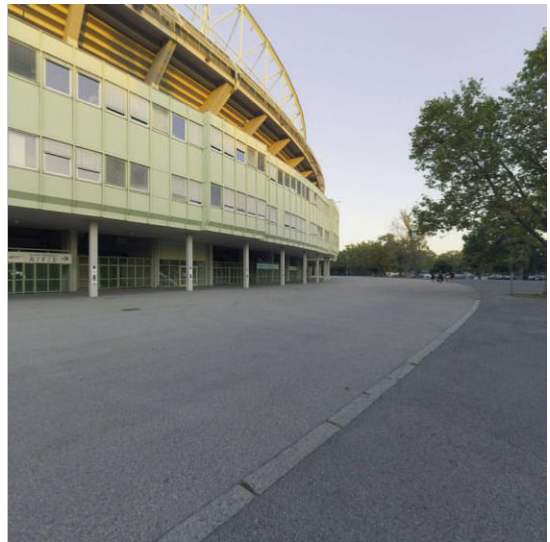
$X = -42298.42594$

$Y = -37710.71265$

$Z = 1091.10929$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_177_0.jpeg



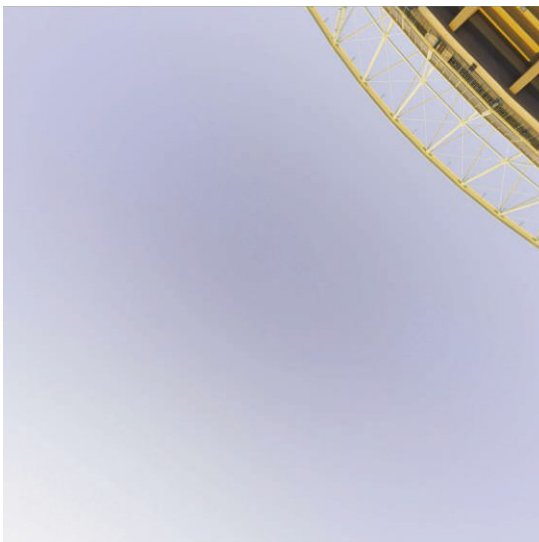
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_177_1.jpeg



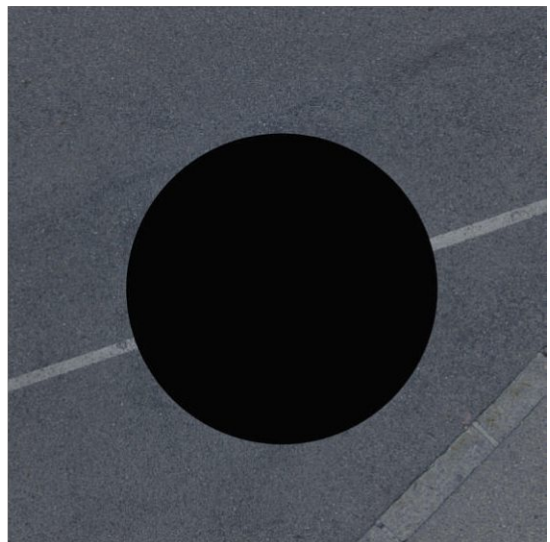
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_177_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_177_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_177_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_177_5.jpeg

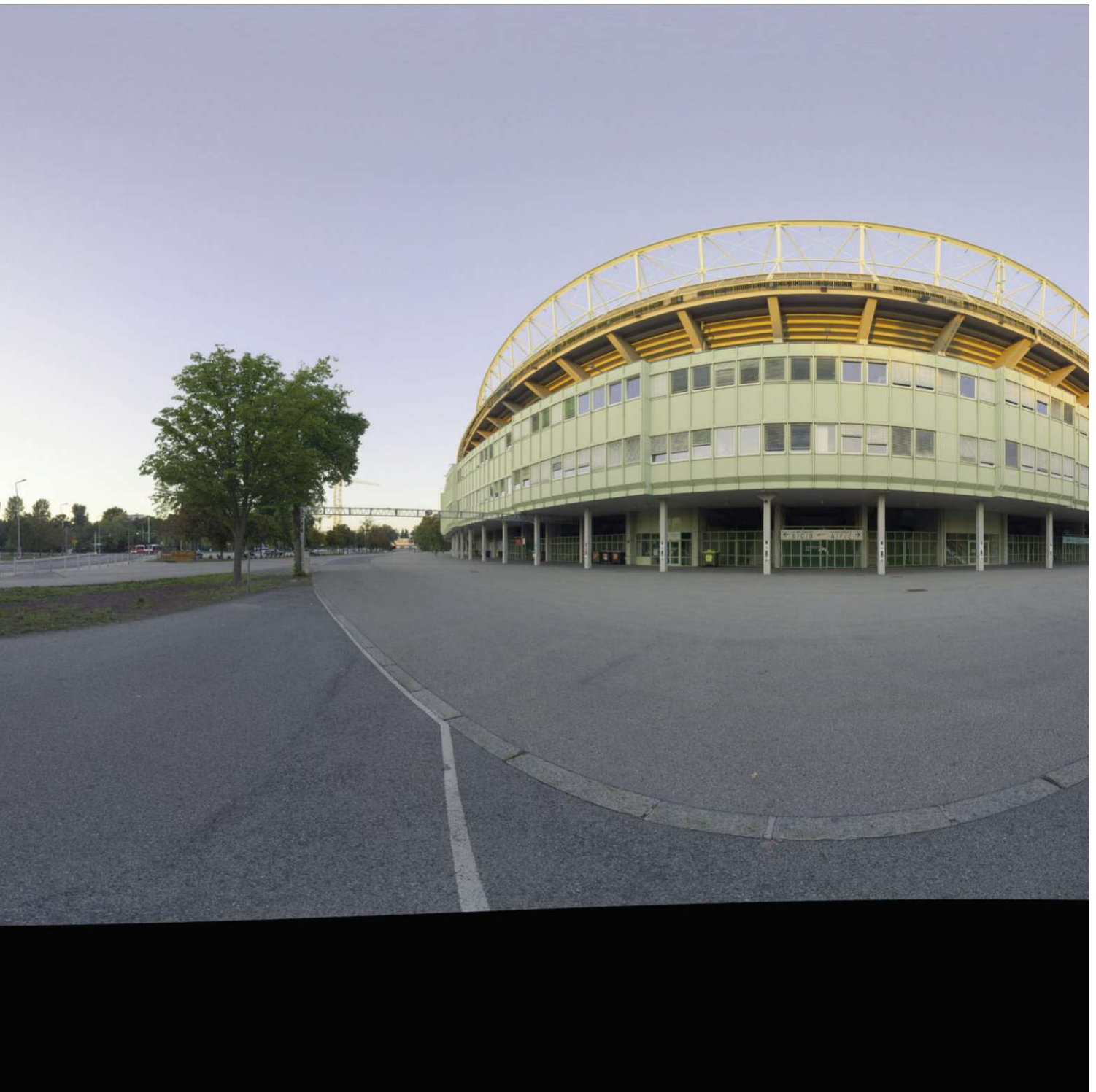
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_177.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -44754.03757

Y = -36968.76039

Z = 1111.88475



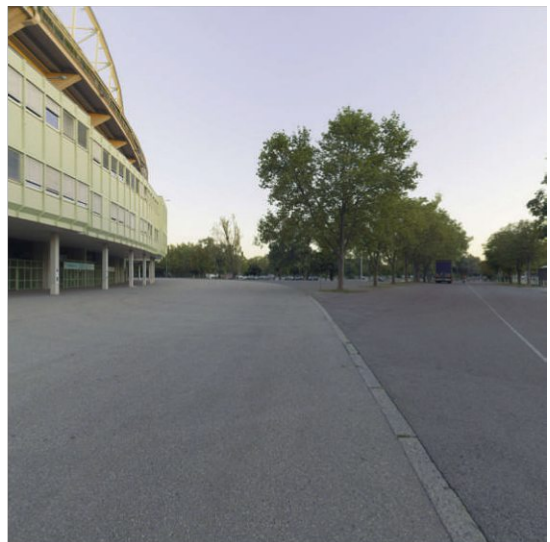
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_178_0.jpeg



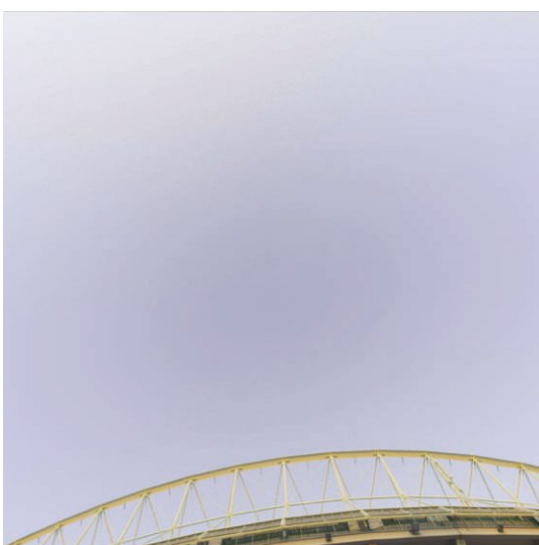
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_178_1.jpeg



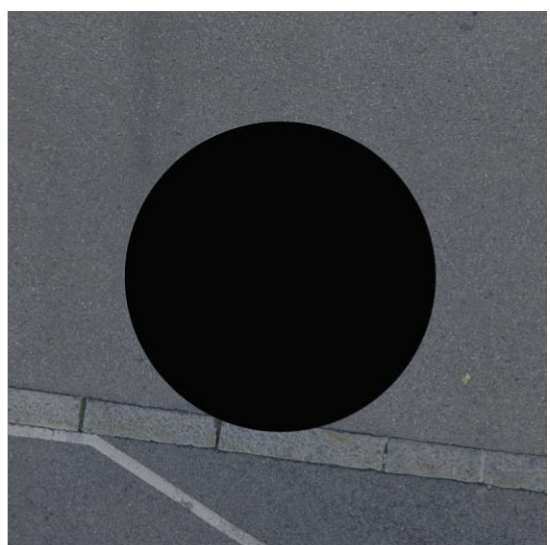
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_178_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_178_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_178_4.jpeg

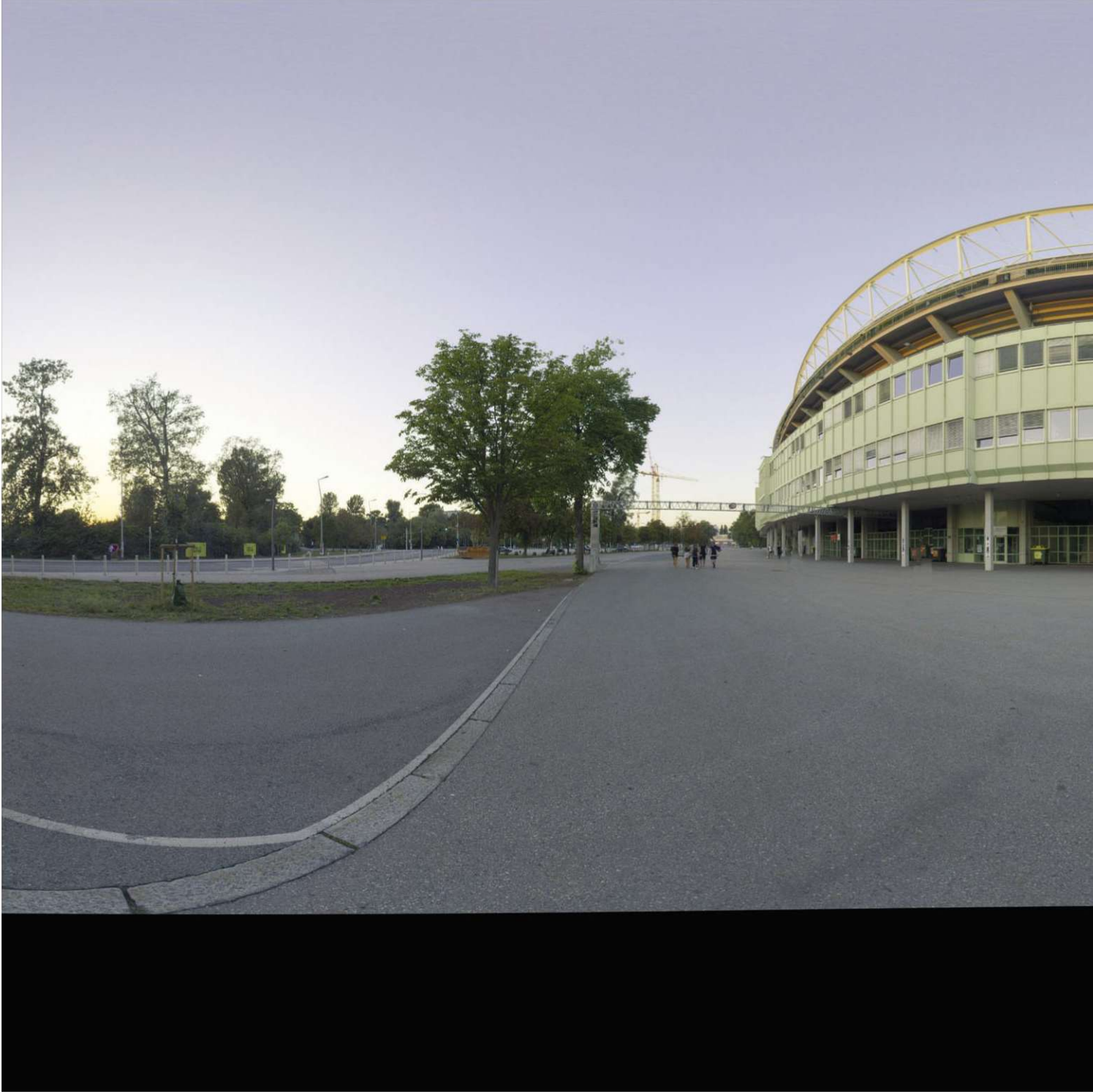


X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_178_5.jpeg

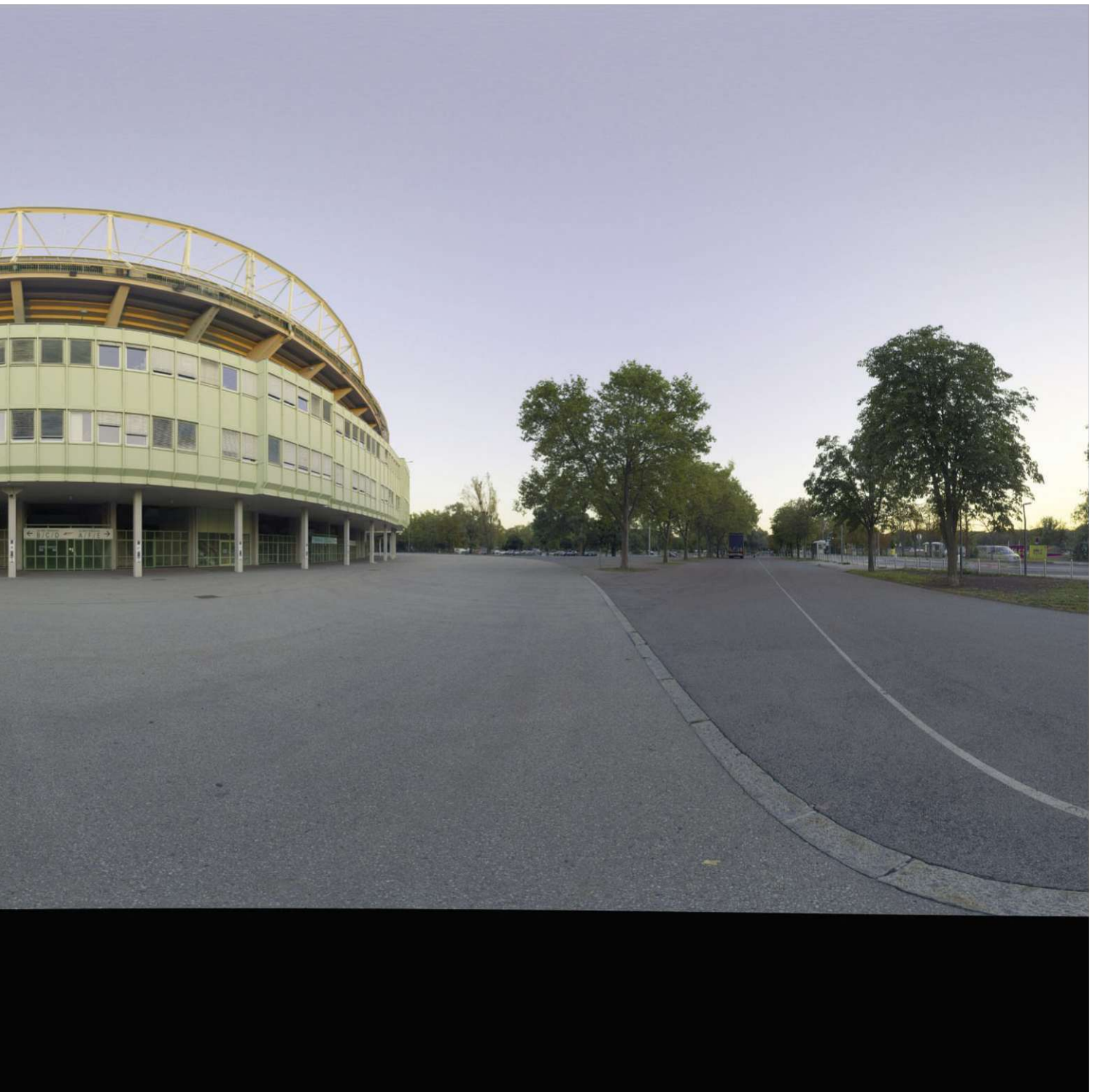
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_178.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -60682.27312$

$Y = -46966.23624$

$Z = 1592.5096$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_179_0.jpeg



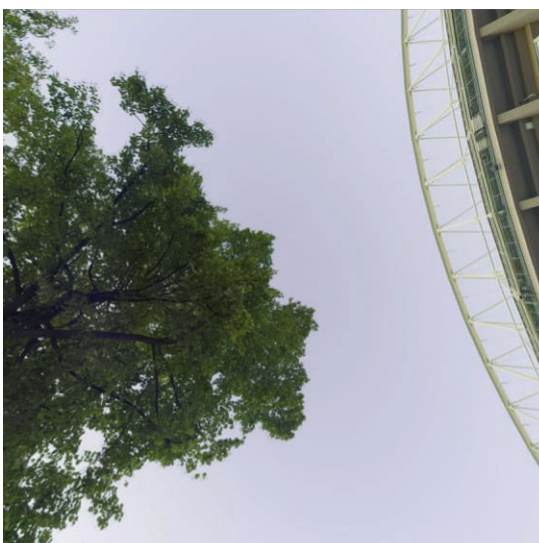
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_179_1.jpeg



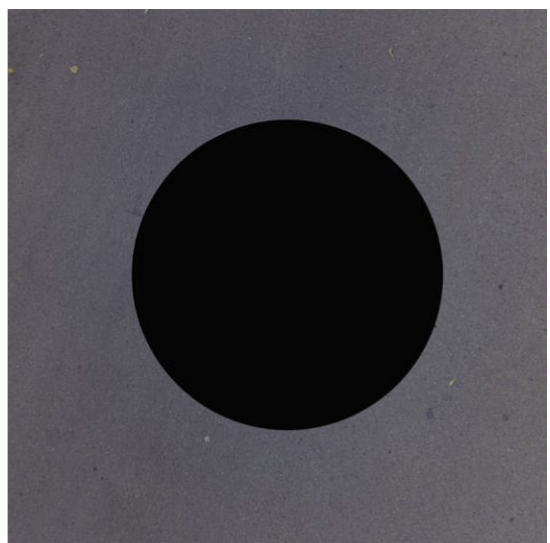
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_179_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_179_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_179_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_179_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_179.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

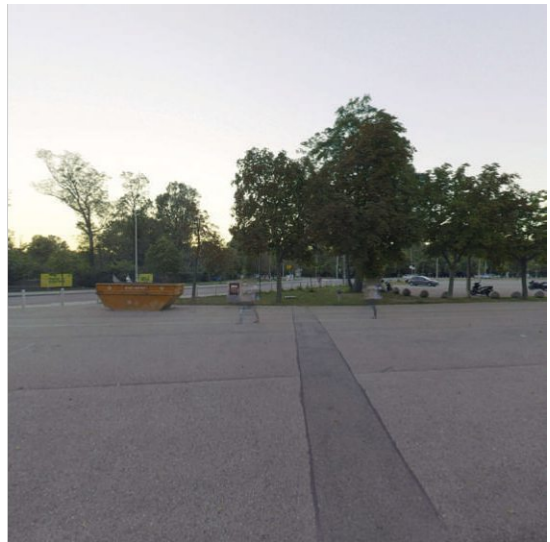
$X = -72166.81468$

$Y = -57076.29127$

$Z = 1500.22012$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_180_0.jpeg



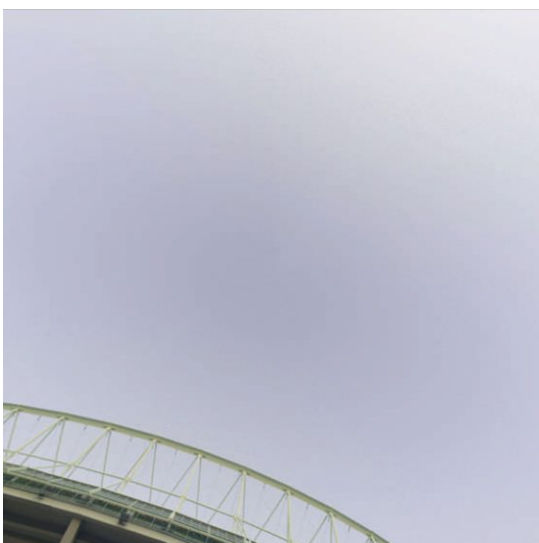
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_180_1.jpeg



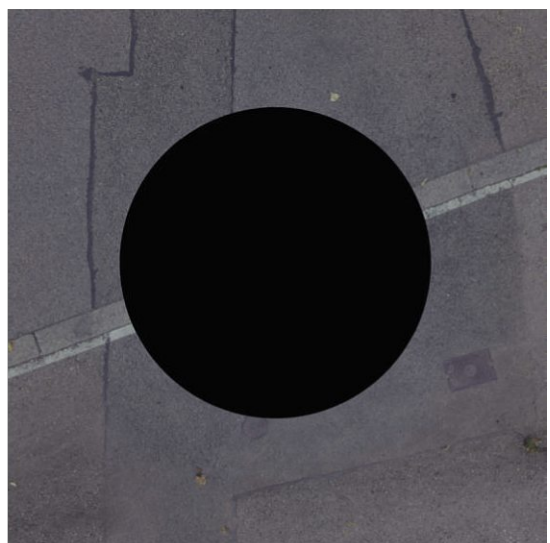
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_180_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_180_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_180_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_180_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_180.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -68953.67352$

$Y = -55733.63008$

$Z = 1022.41162$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_181_0.jpeg



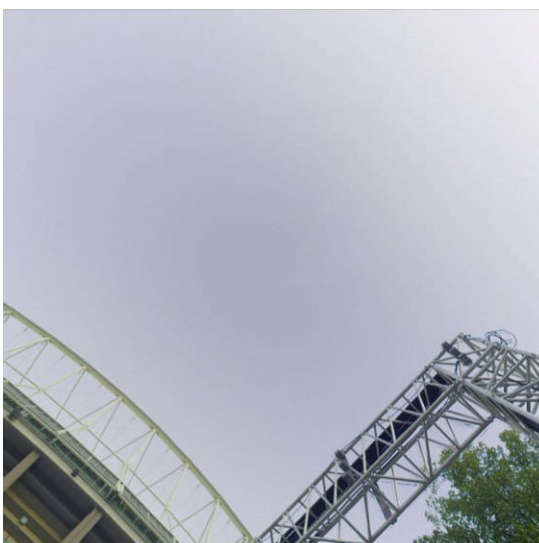
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_181_1.jpeg



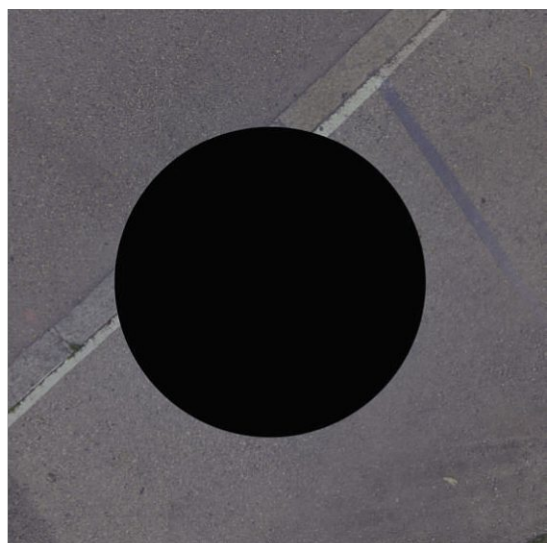
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_181_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_181_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_181_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_181_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_181.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -87801.91404$

$Y = -65039.19948$

$Z = 1862.36853$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_182_0.jpeg



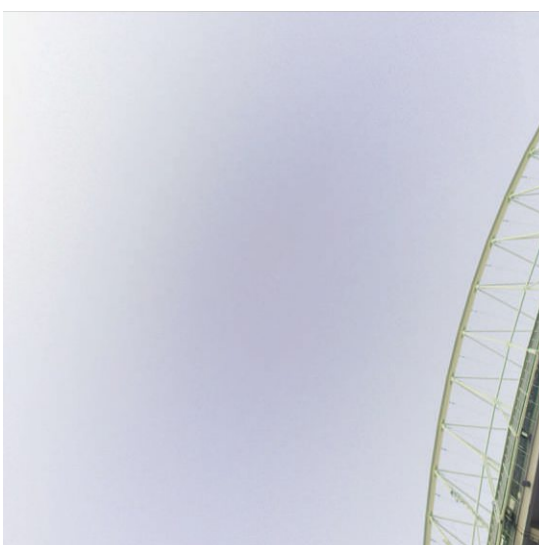
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_182_1.jpeg



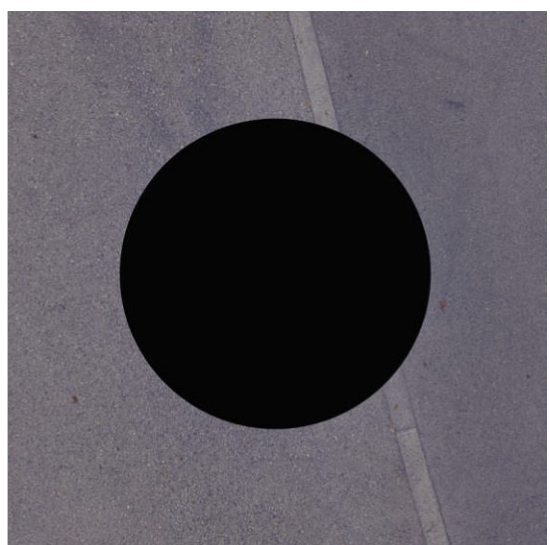
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_182_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_182_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_182_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_182_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_182.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

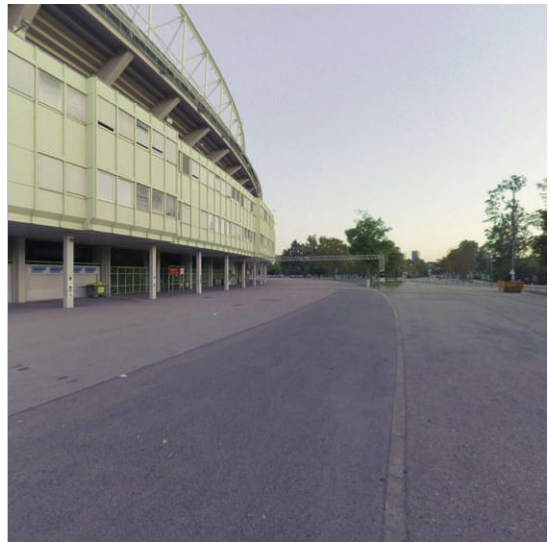
$X = -106622.83682$

$Y = -70714.16082$

$Z = 1891.44415$



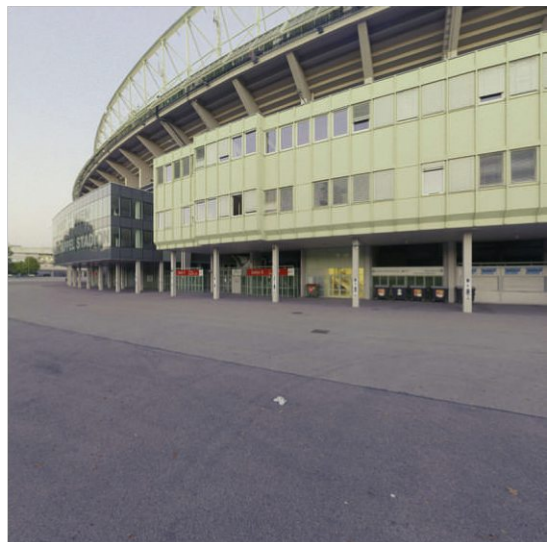
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_183_0.jpeg



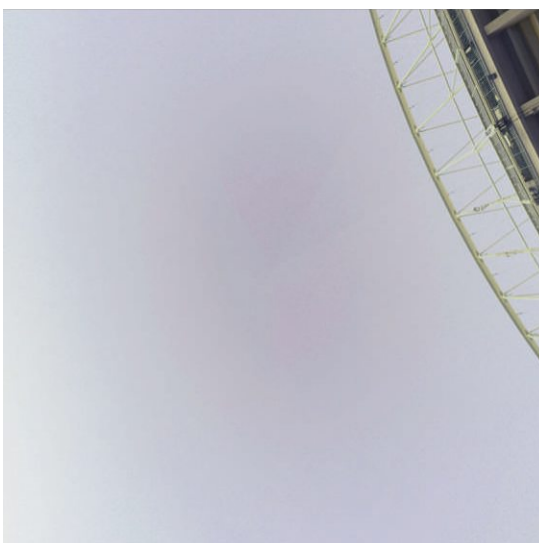
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_183_1.jpeg



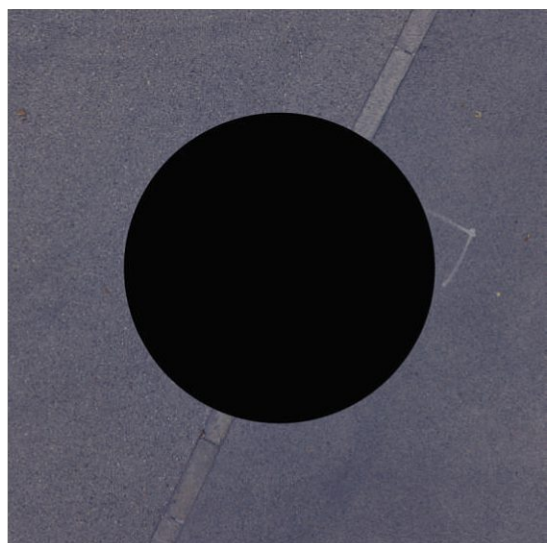
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_183_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_183_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_183_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_183_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_183.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -126298.80168

Y = -75176.54603

Z = 1748.16529



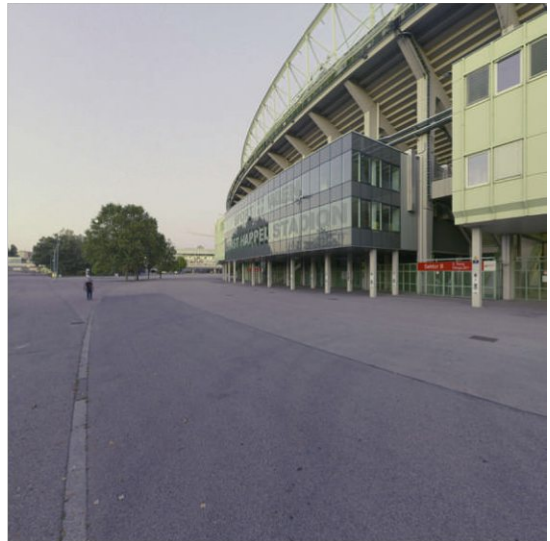
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_184_0.jpeg



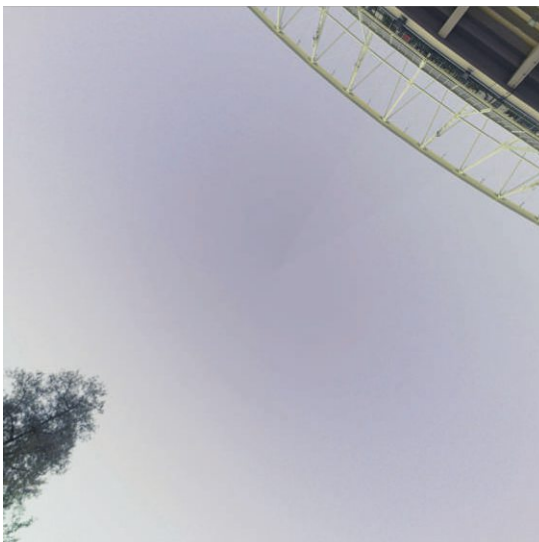
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_184_1.jpeg



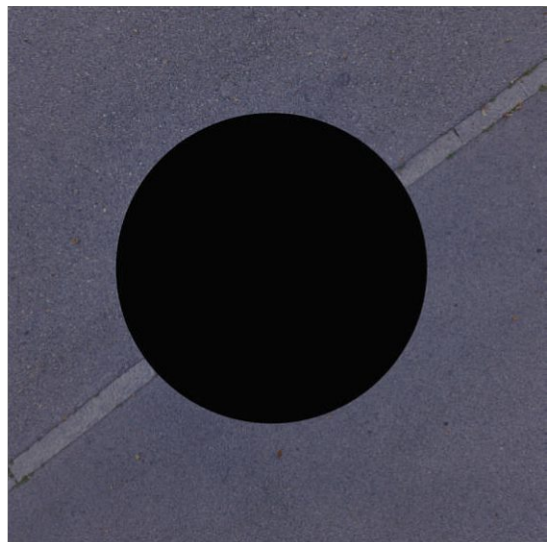
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_184_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_184_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_184_4.jpeg

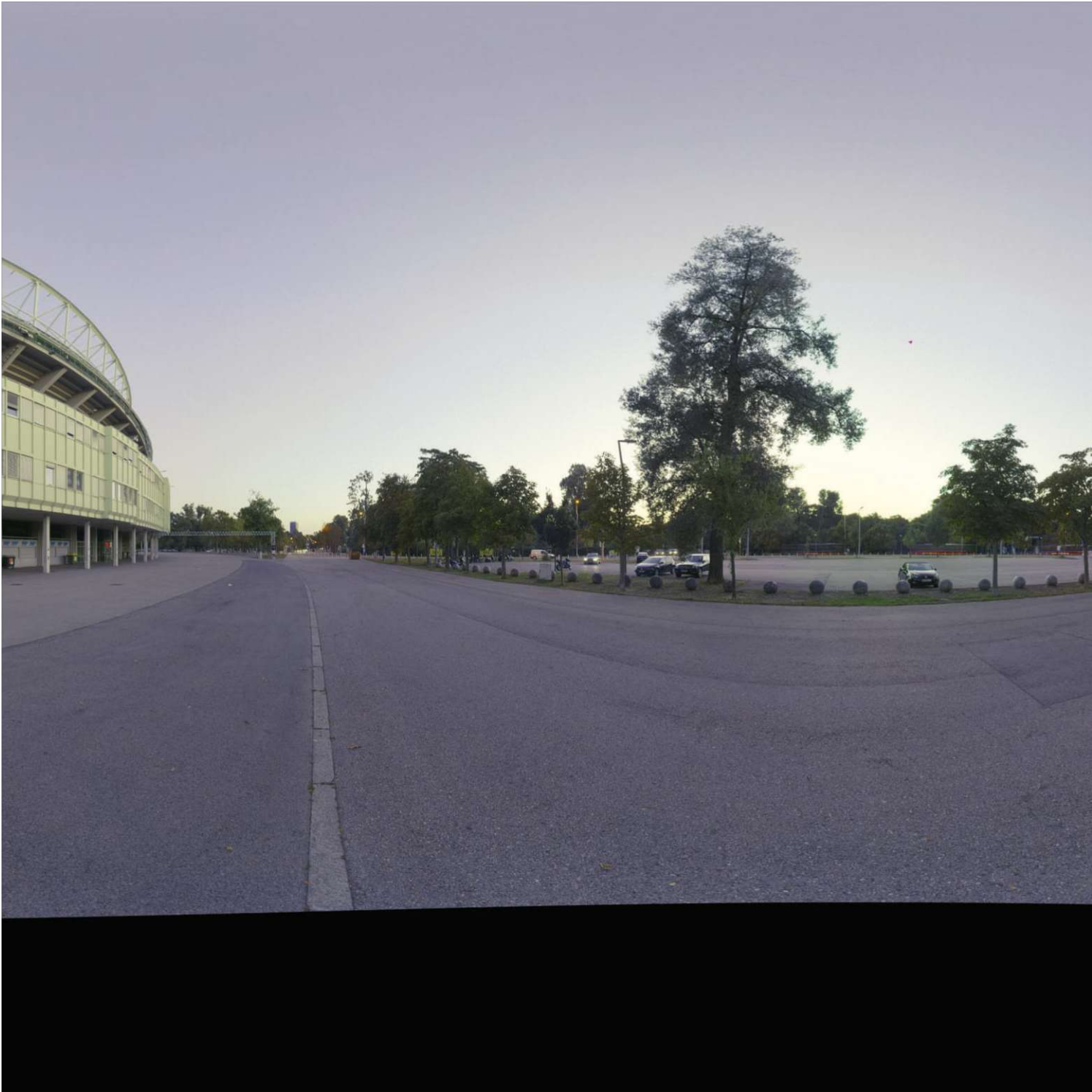


X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_184_5.jpeg

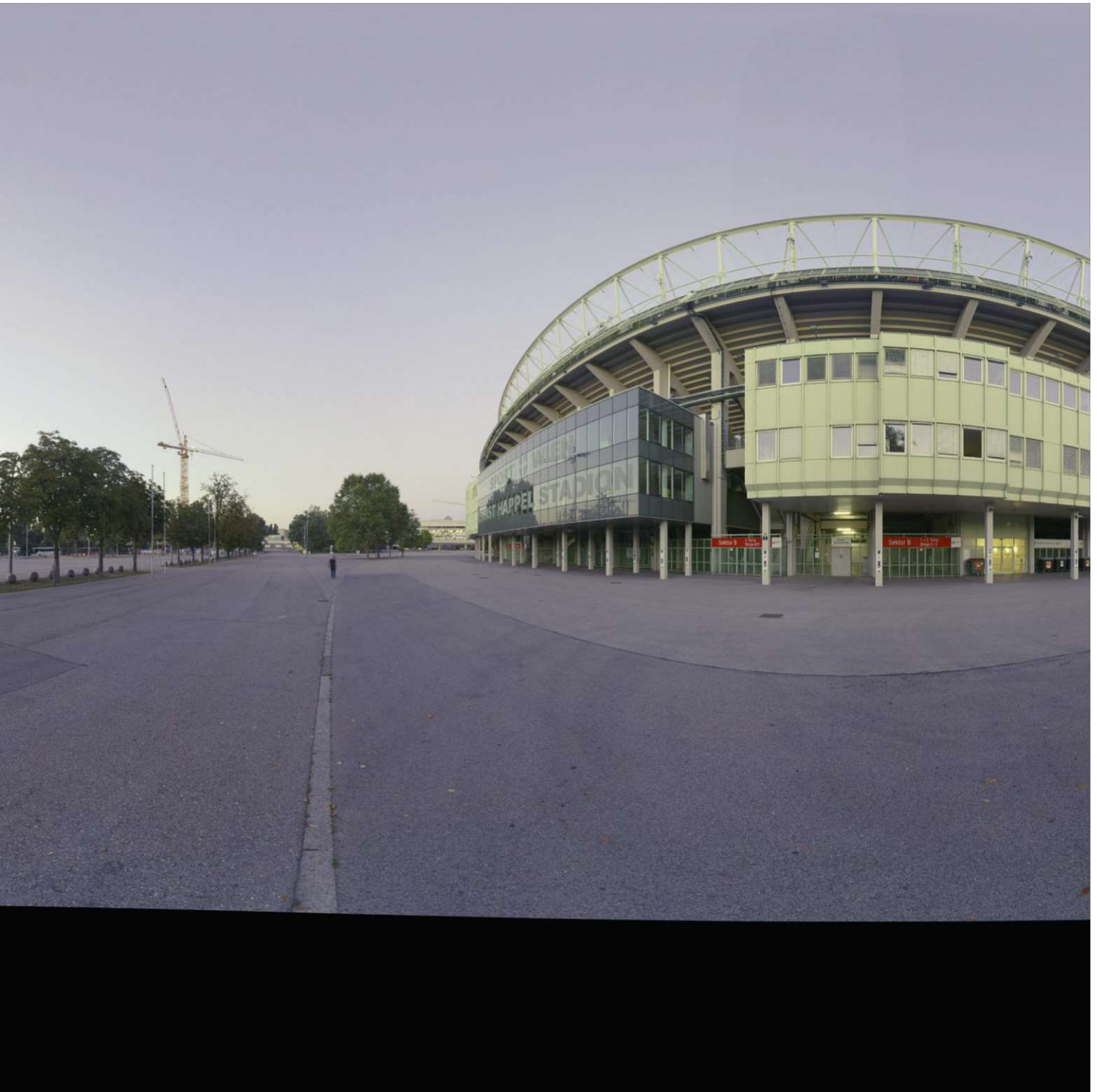
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_184.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

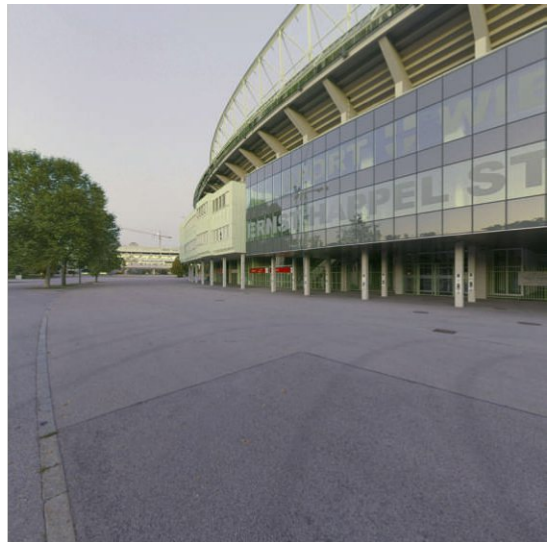
$X = -150615.22304$

$Y = -78283.47004$

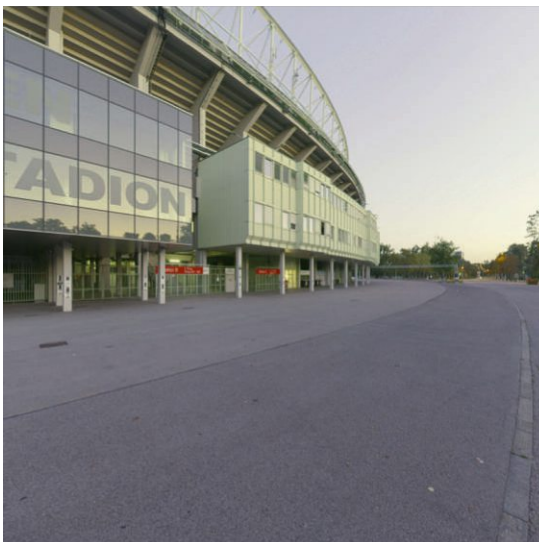
$Z = 1739.01386$



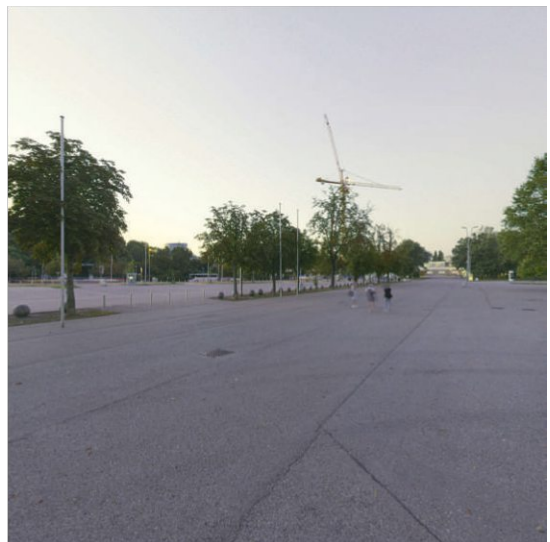
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_185_0.jpeg



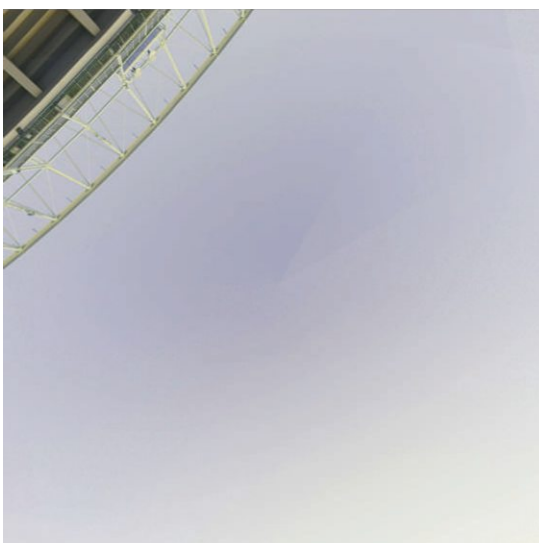
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_185_1.jpeg



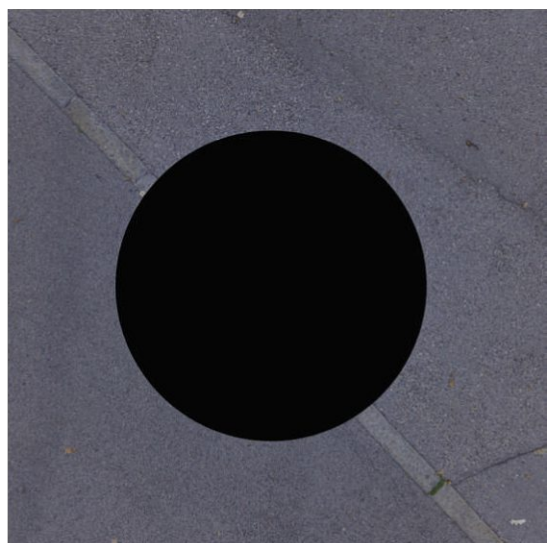
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_185_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_185_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_185_4.jpeg

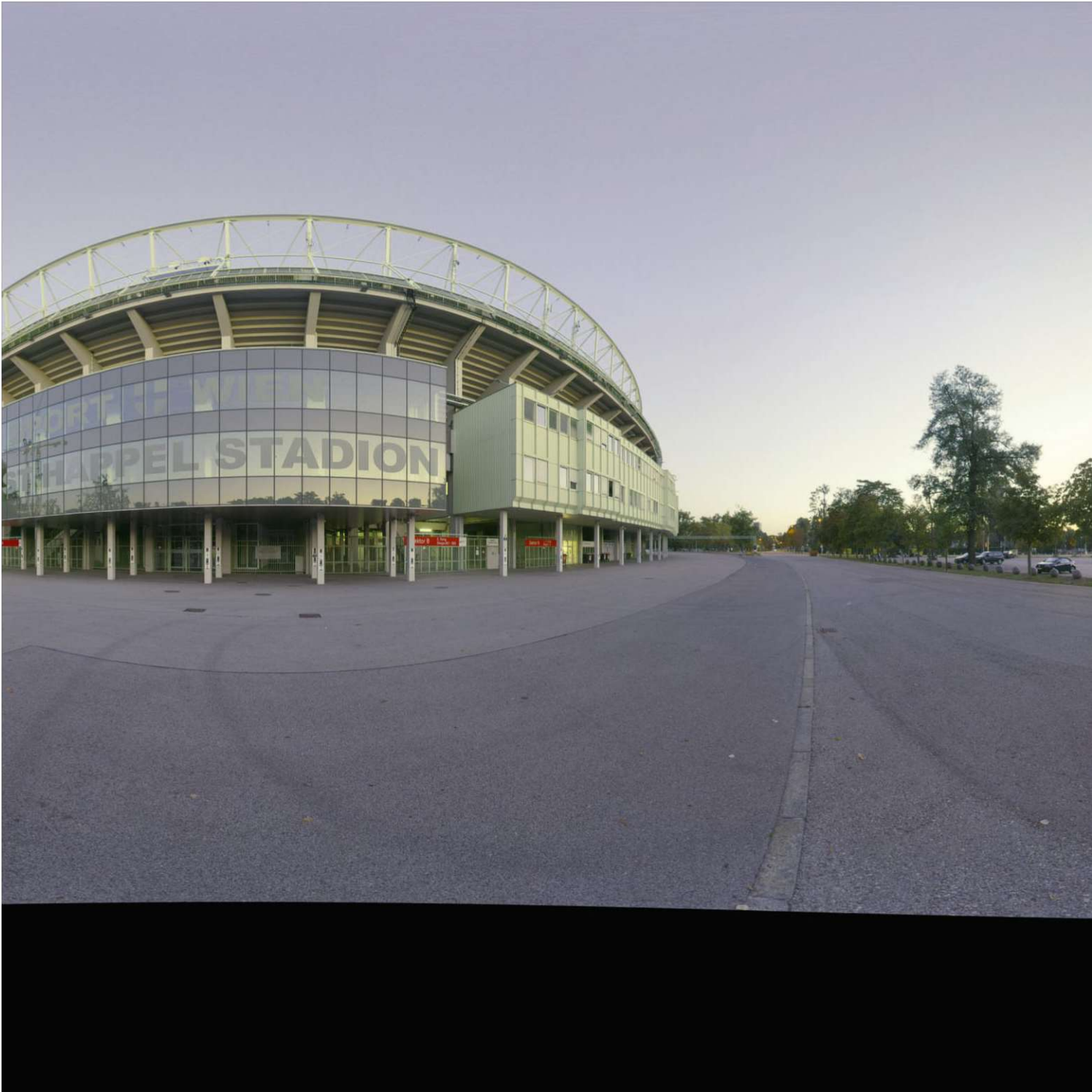


X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_185_5.jpeg

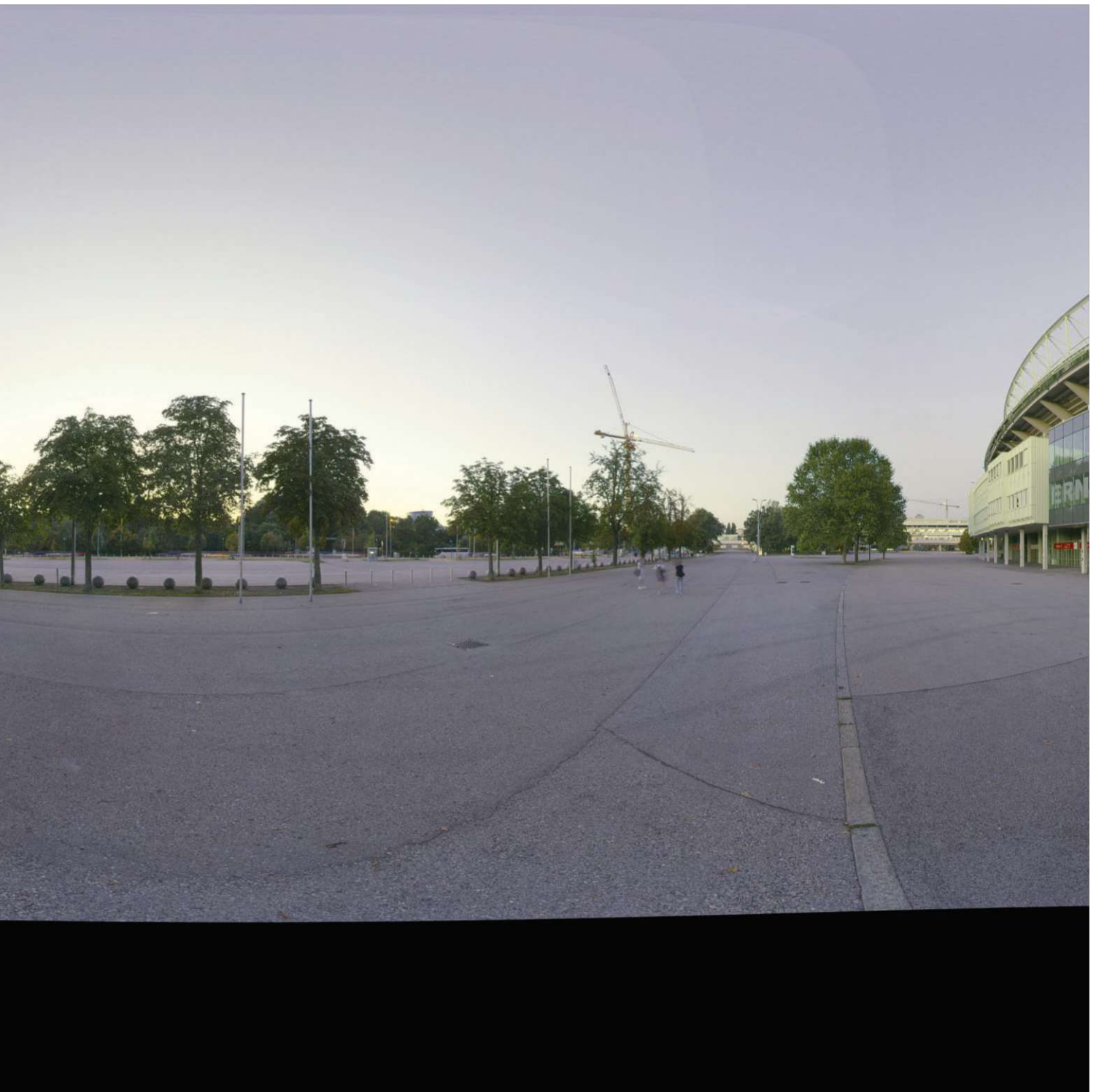
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_185.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

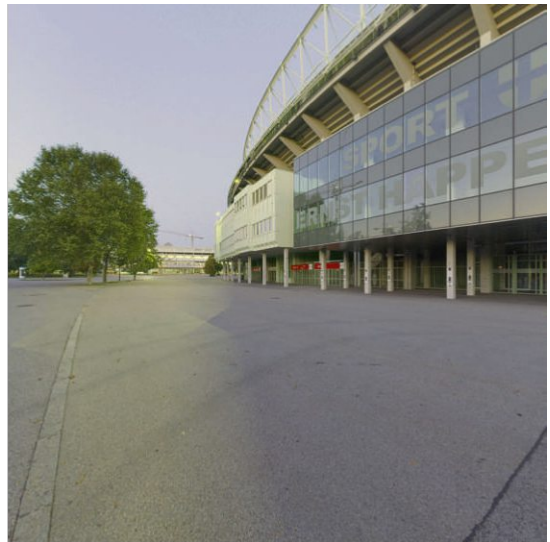
$X = -154710.661$

$Y = -78014.1884$

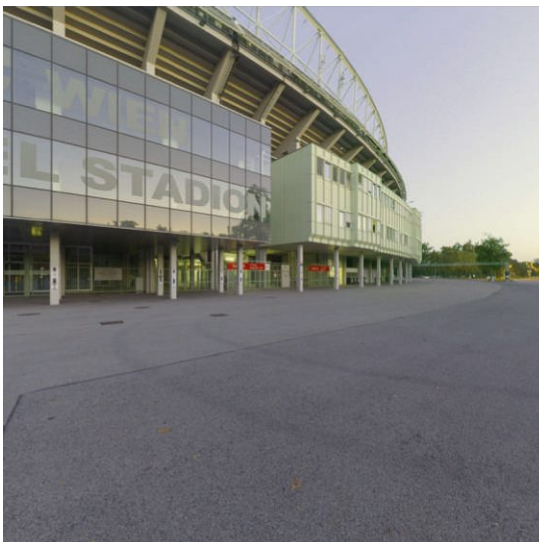
$Z = 1260.87926$



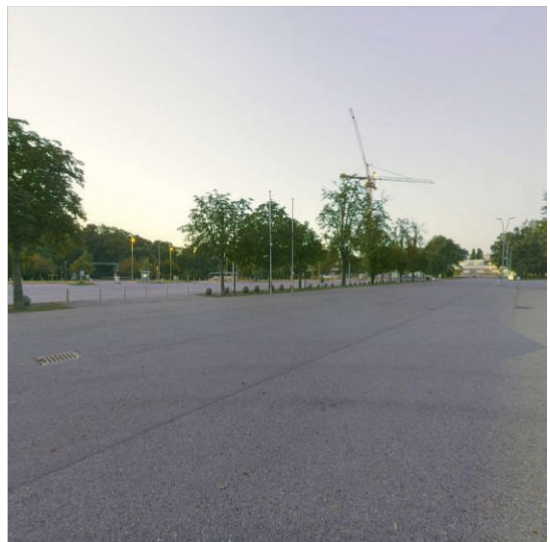
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_186_0.jpeg



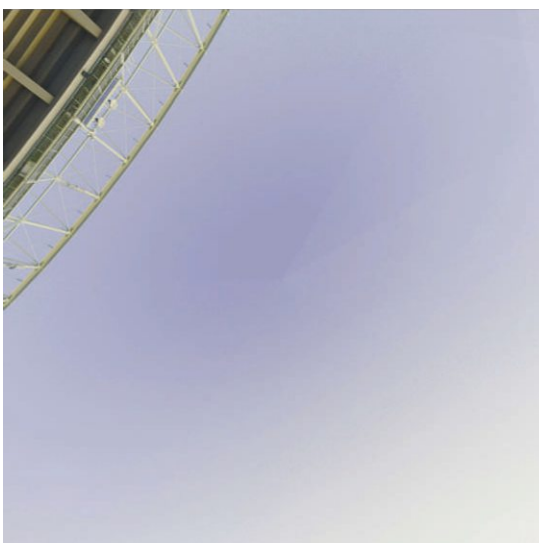
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_186_1.jpeg



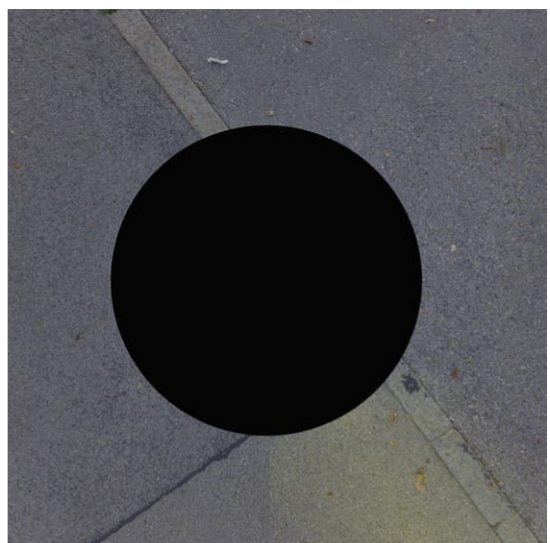
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_186_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_186_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_186_4.jpeg

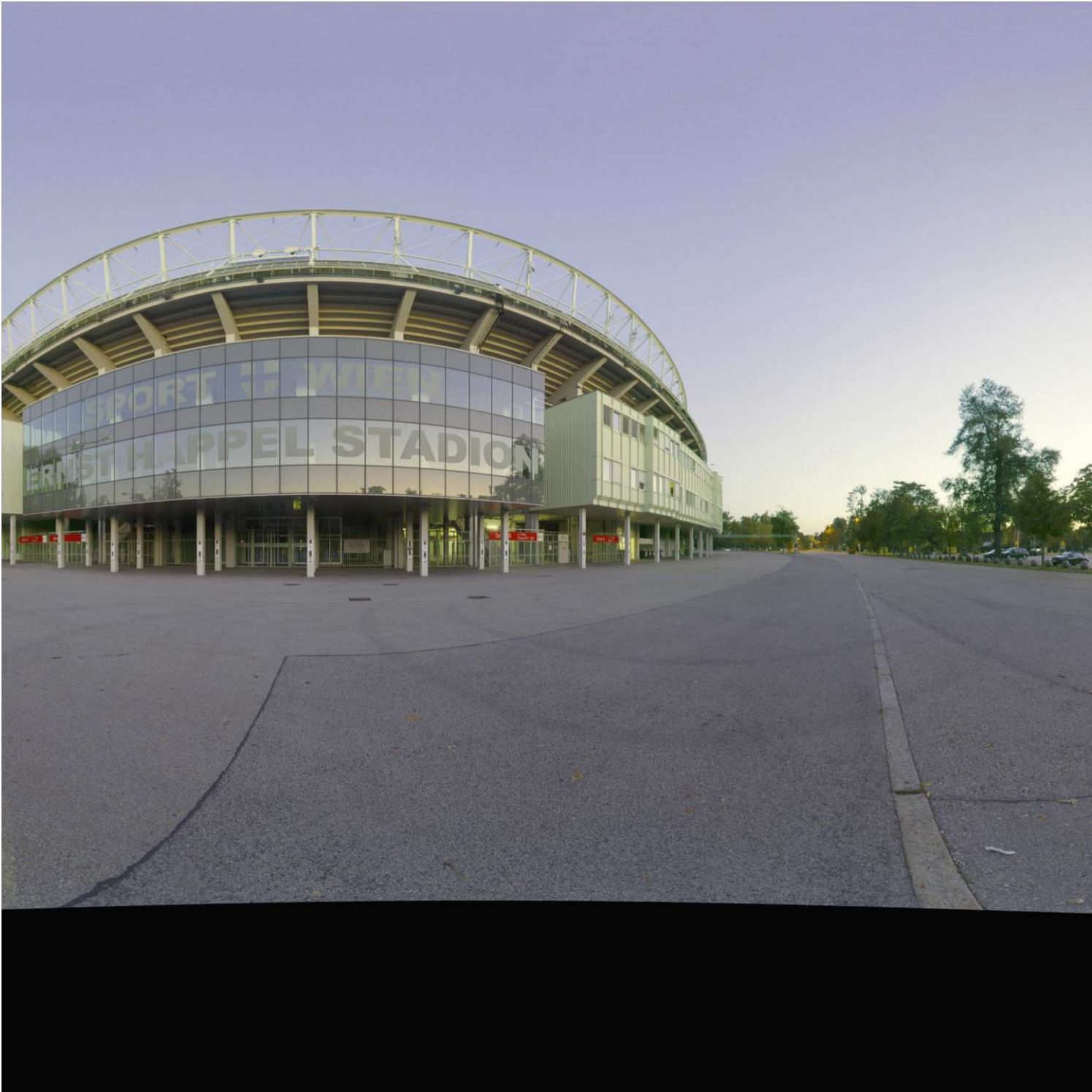


X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_186_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_186.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

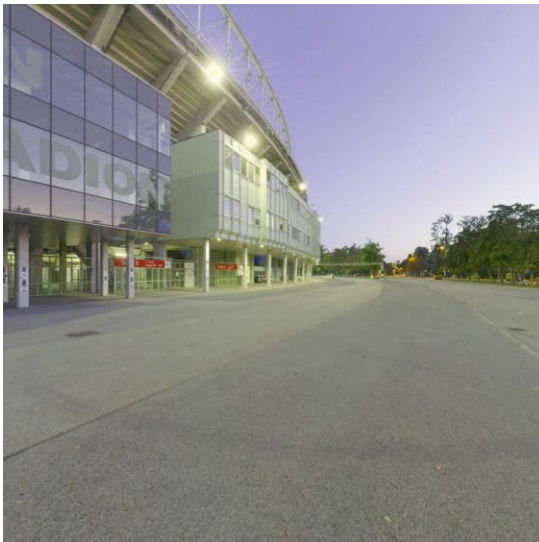
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

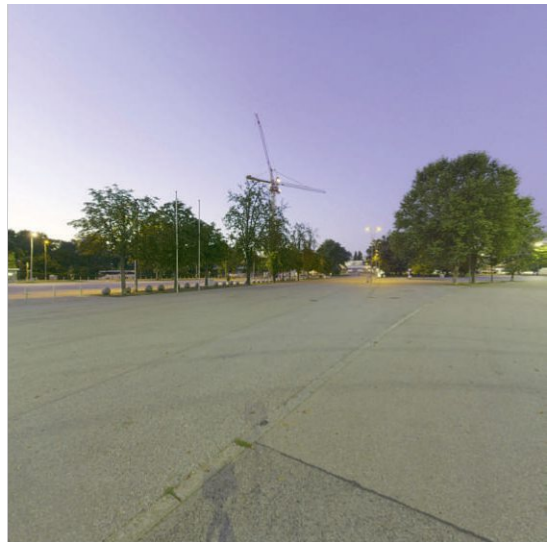
$X = -153288.16665$

$Y = -76377.83889$

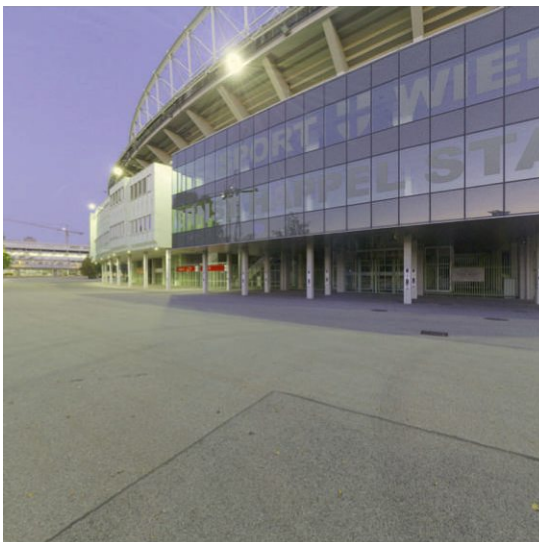
$Z = 1318.64326$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_187_0.jpeg



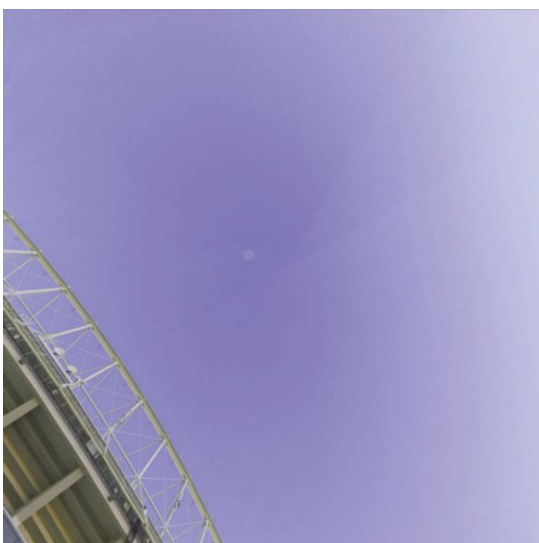
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_187_1.jpeg



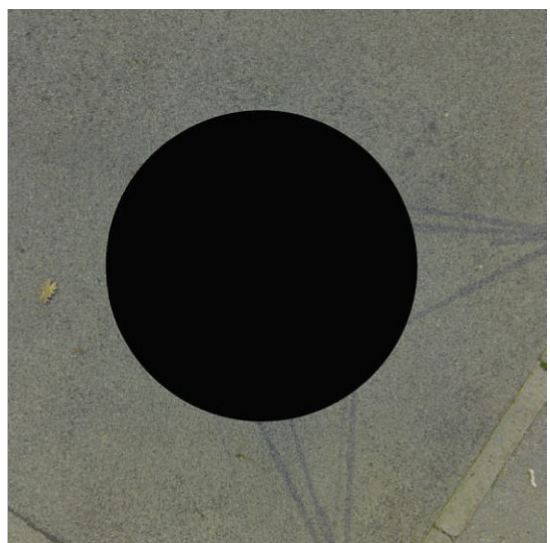
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_187_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_187_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_187_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_187_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_187.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -58824.27657$

$Y = -17116.57308$

$Z = 1305.9216$



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_188_0.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_188_1.jpeg



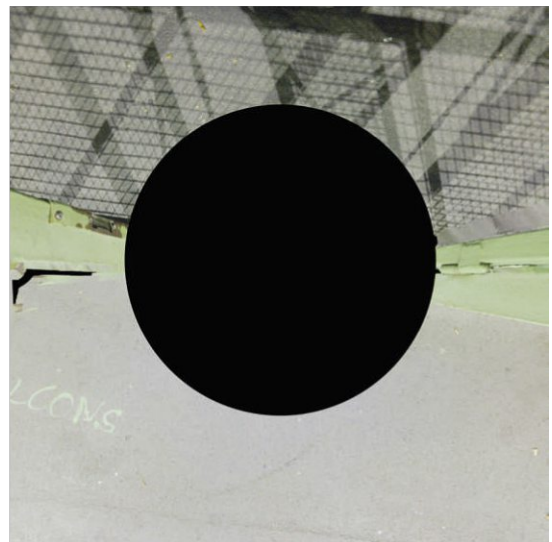
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_188_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_188_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_188_4.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_188_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_188.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

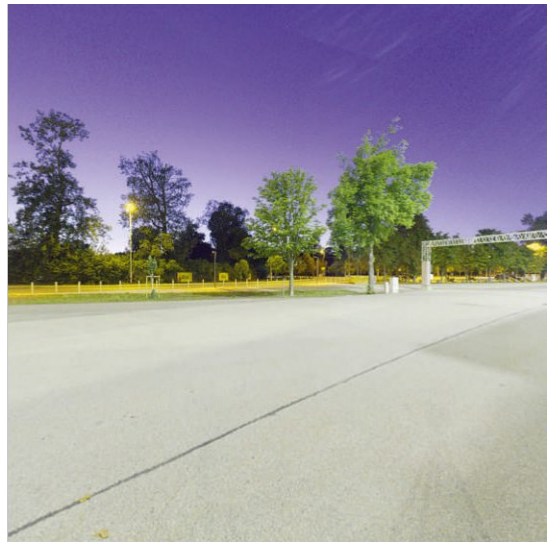
$X = -50420.23462$

$Y = -26702.03516$

$Z = 1314.59091$



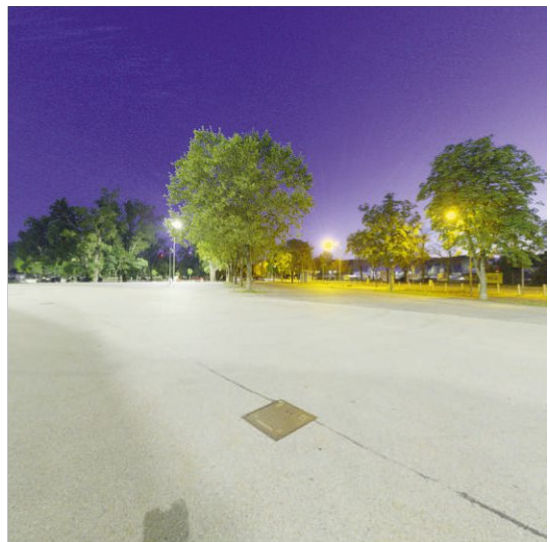
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_189_0.jpeg



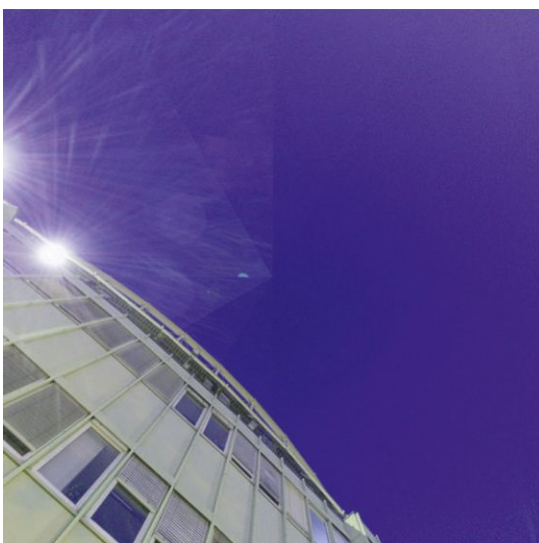
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_189_1.jpeg



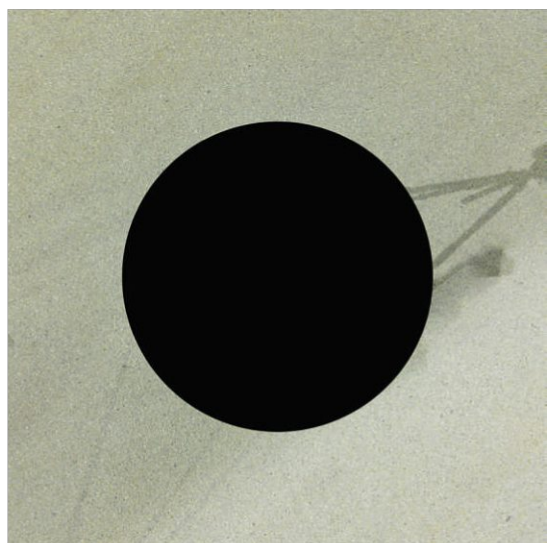
X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_189_2.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_189_3.jpeg



X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_189_4.jpeg

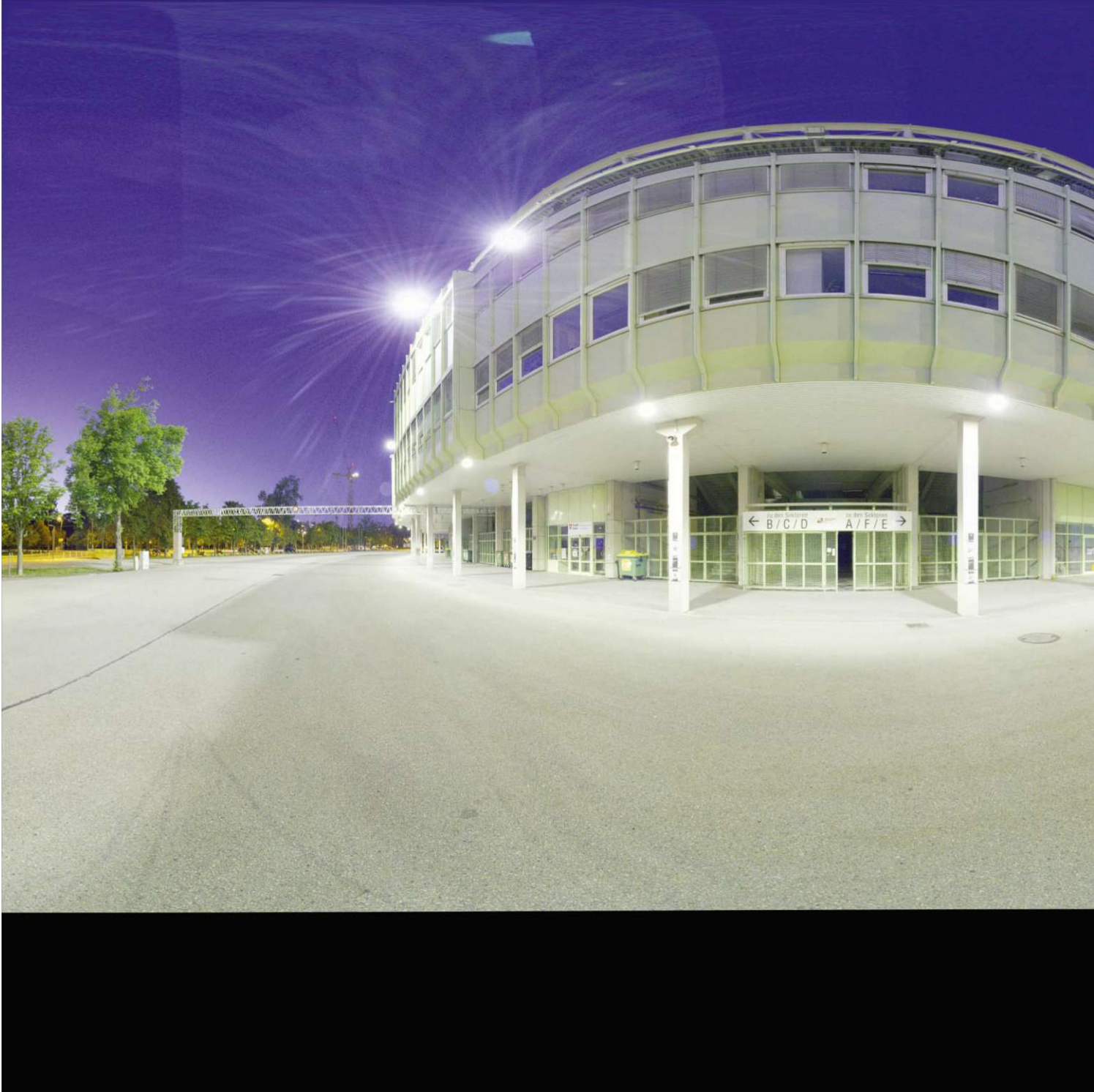


X_00_EHS_AUSSEN_18122023_01_EHS_AUSSEN_189_5.jpeg

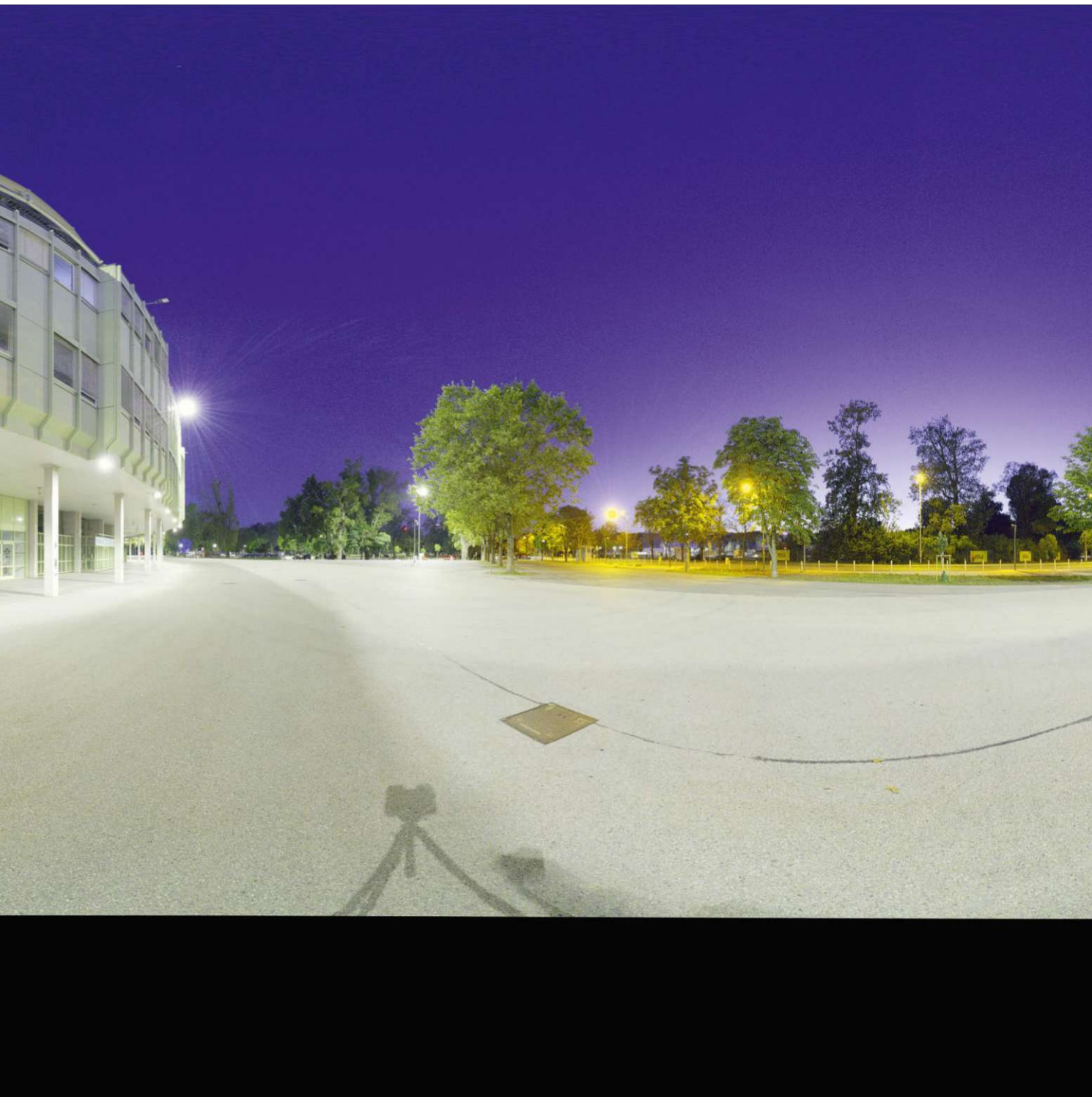
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN



01_EHS_AUSSEN_189.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 1b | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_AUSSEN