

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_BUCH 3A

3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

KAPITEL 3_BUCH 3A | 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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Abbildungen und Messpunkte:

Messpunkte Gruppen Arkaden:

02_EHS_ARKADEN_PANO

02_EHS_ARKADEN_SEPARATED

Standpunkt Messung | Koordinaten

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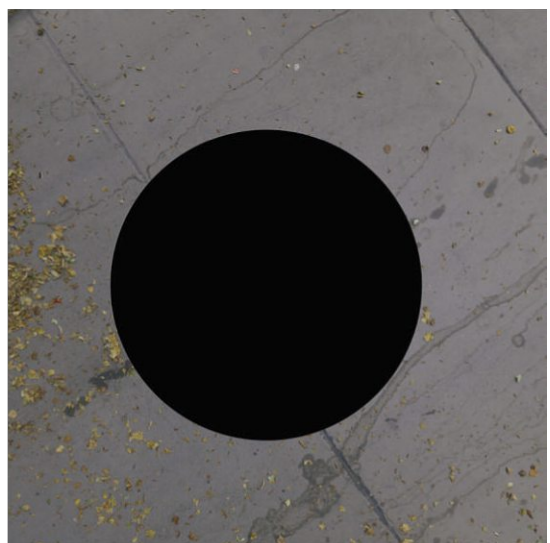
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X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_001_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_001_5.jpeg

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02_EHS_ARKADEN_001.jpg



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EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

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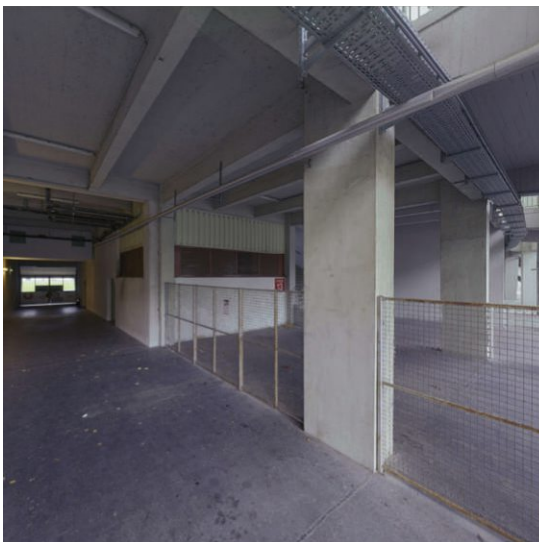
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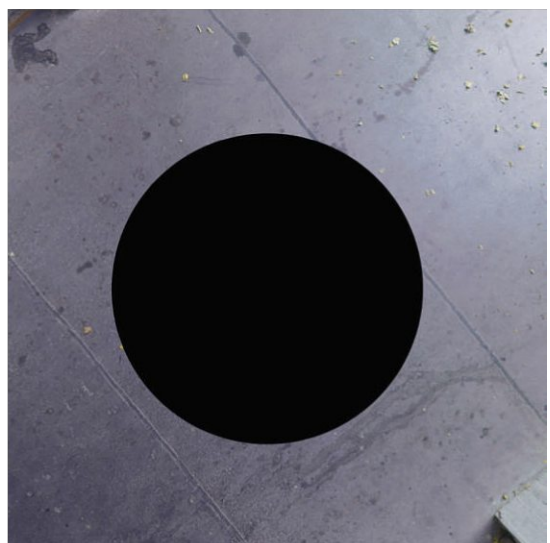
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X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_002_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_002_5.jpeg

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KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

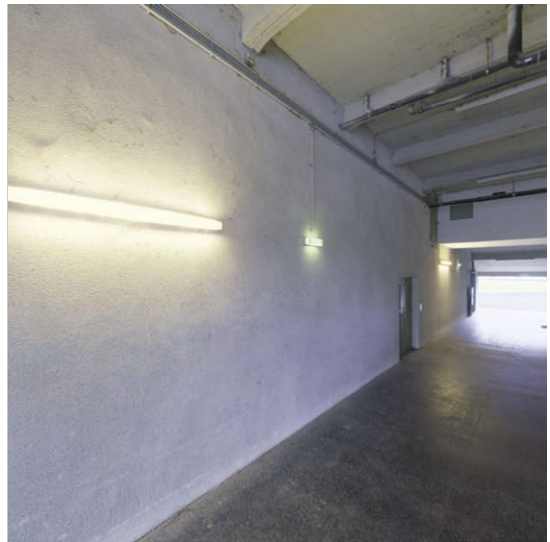
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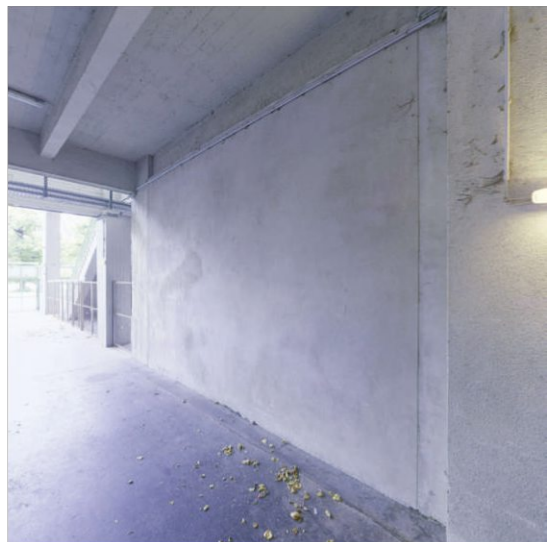
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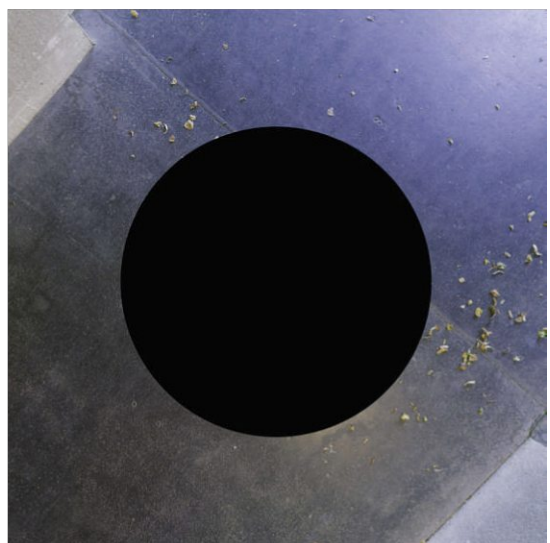
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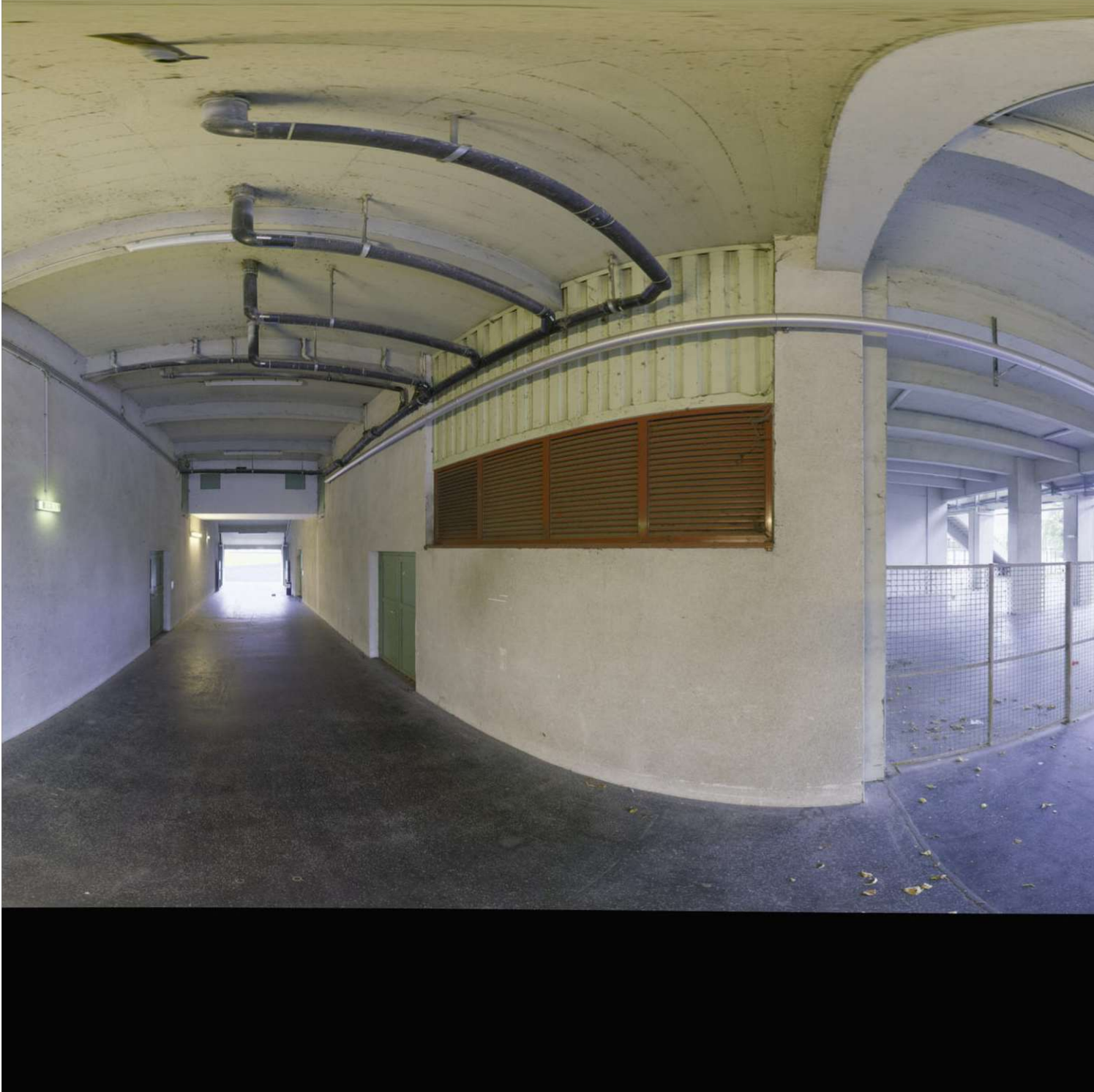


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DAS WIENER ERNST HAPPEL STADION

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EHS_ARKADEN

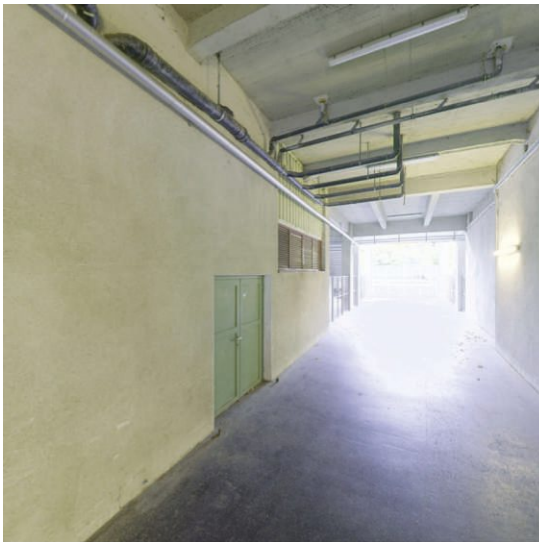
Standpunkt Messung | Koordinaten

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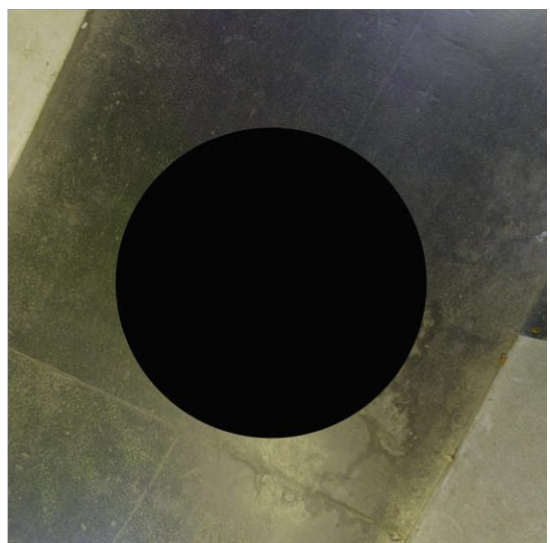
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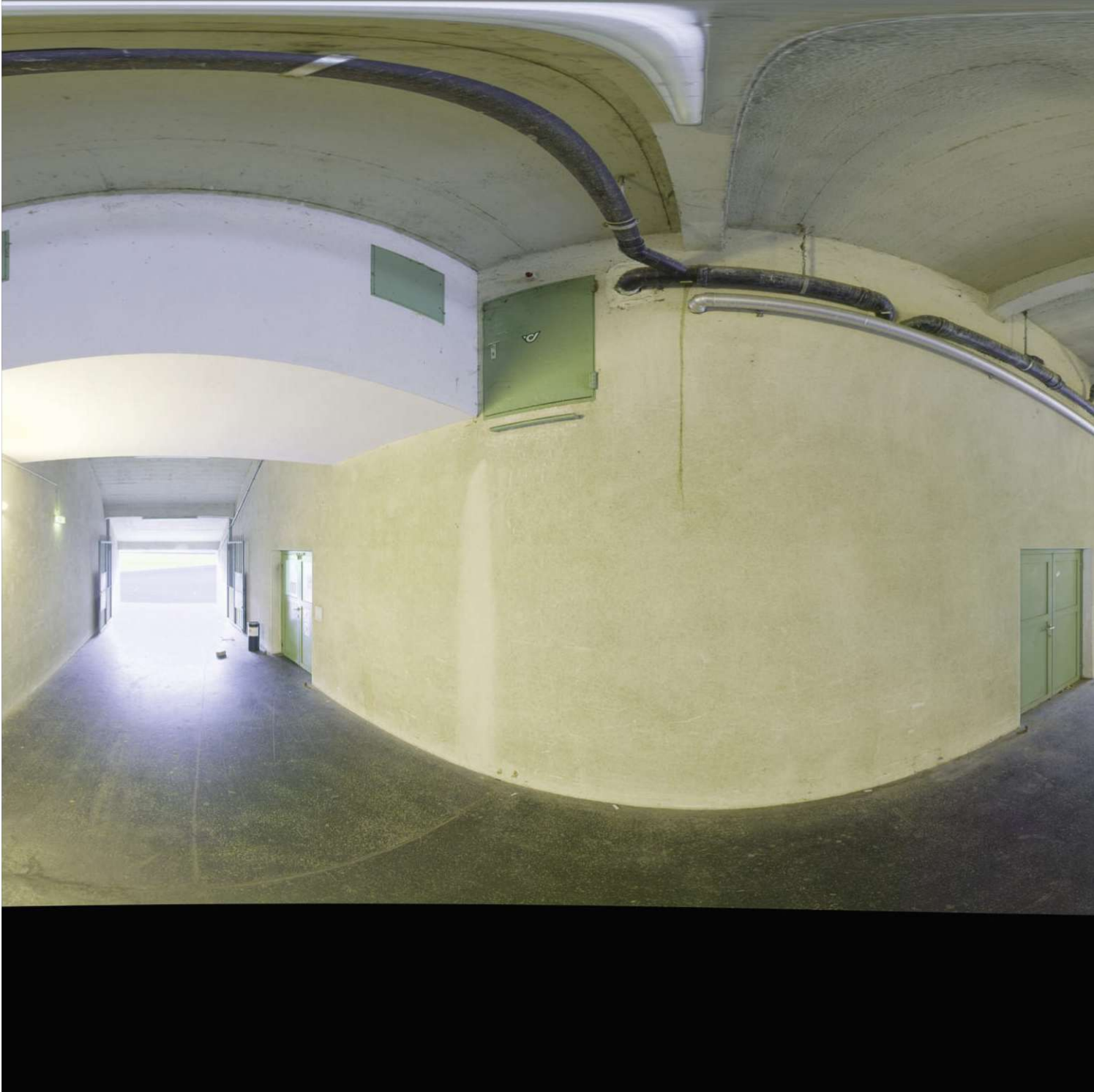


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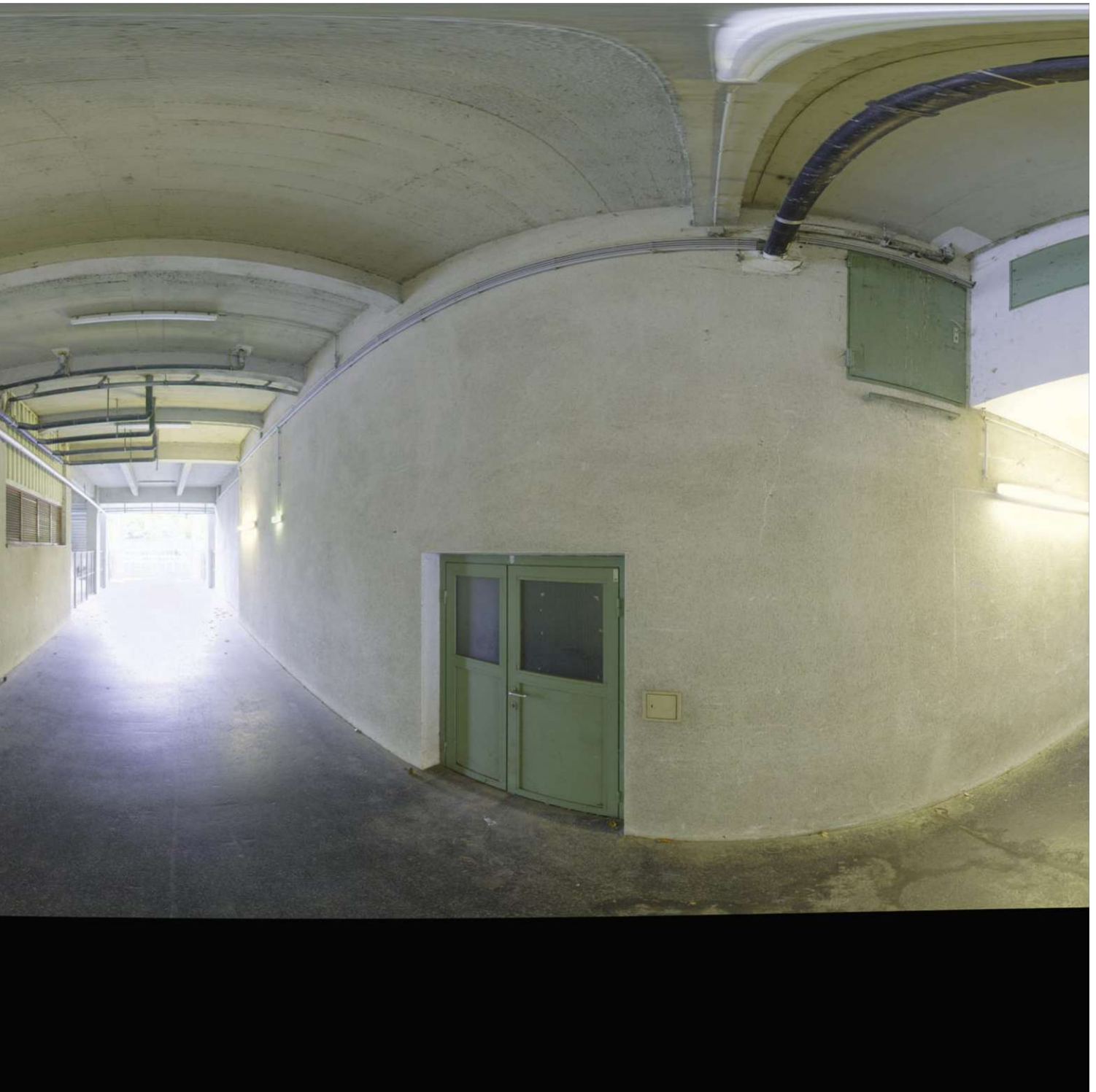
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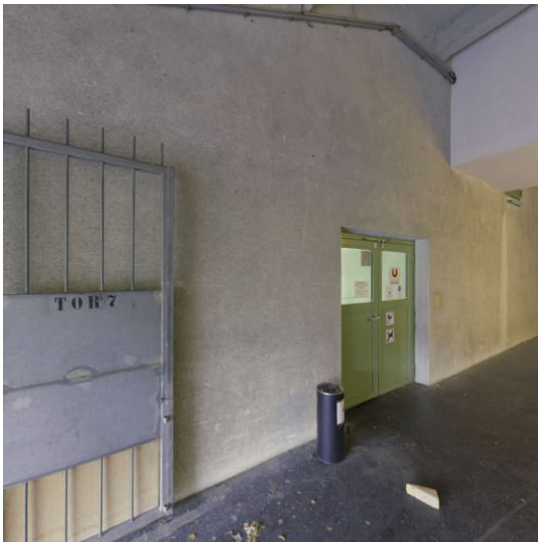
Standpunkt Messung | Koordinaten

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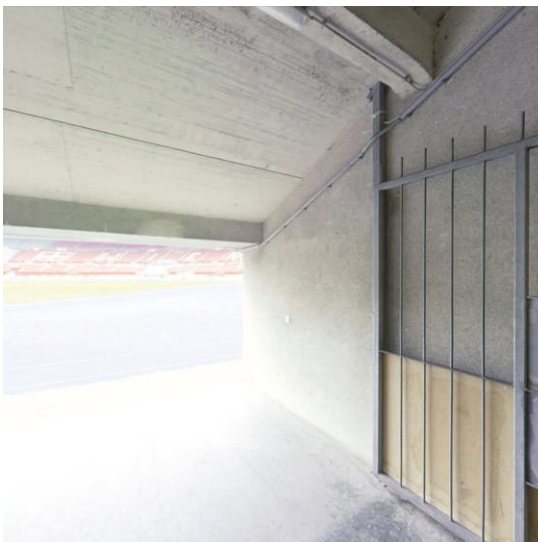
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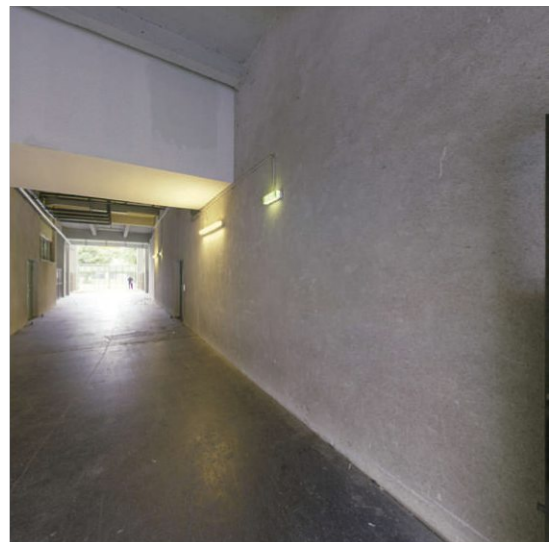
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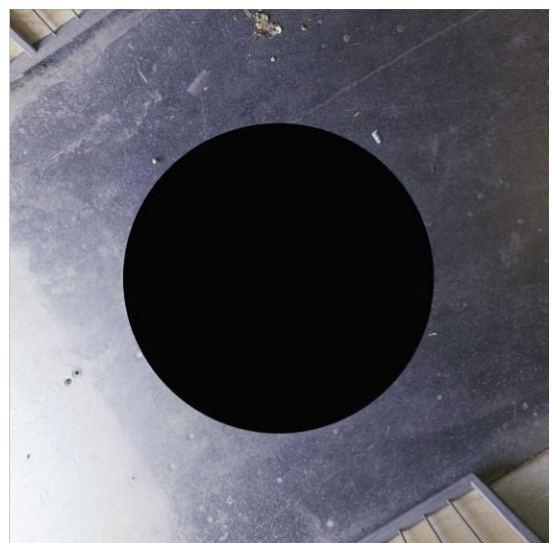
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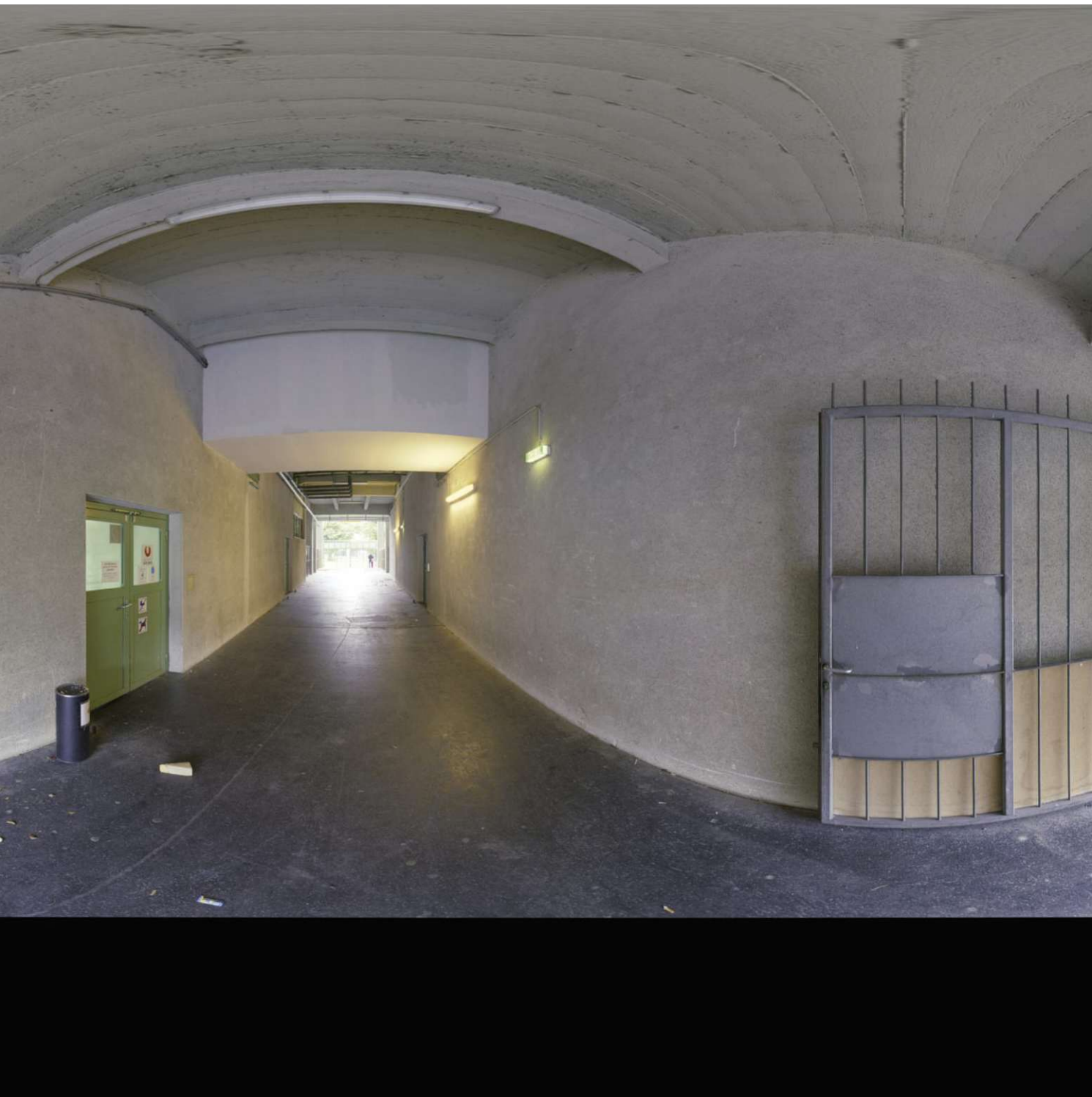
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Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

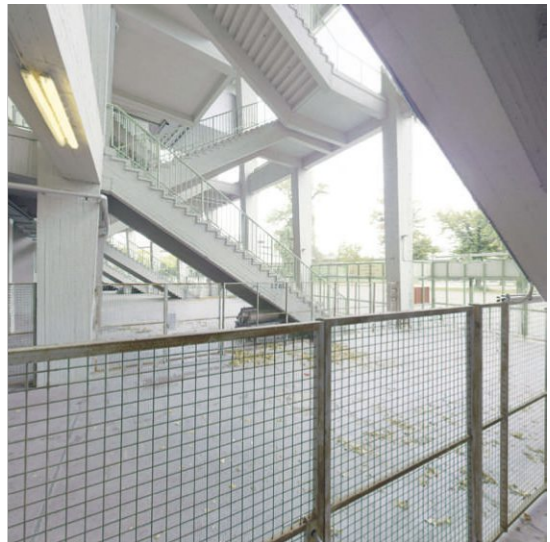
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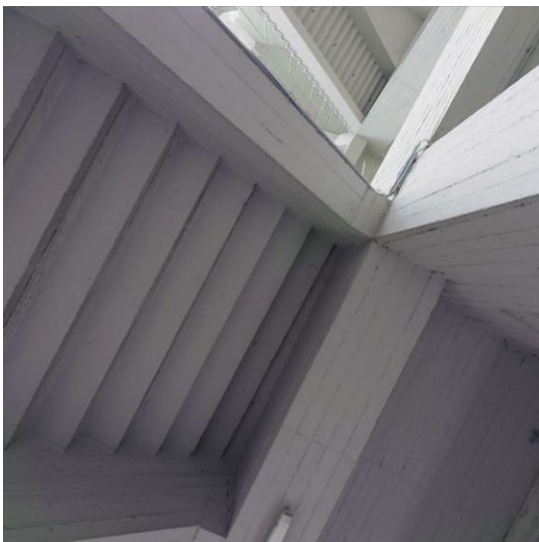
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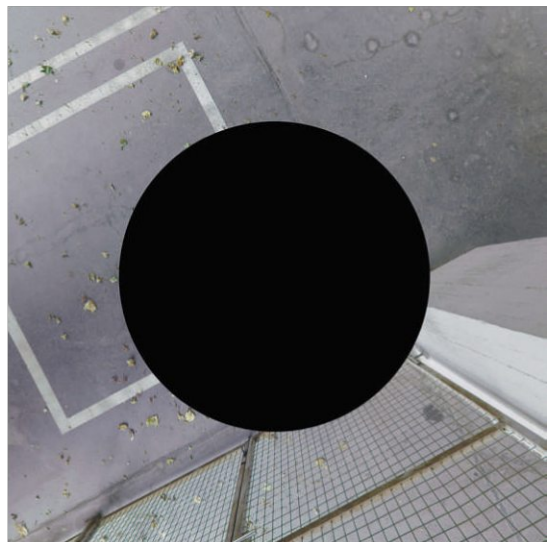
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02_EHS_ARKADEN_006.jpg



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Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

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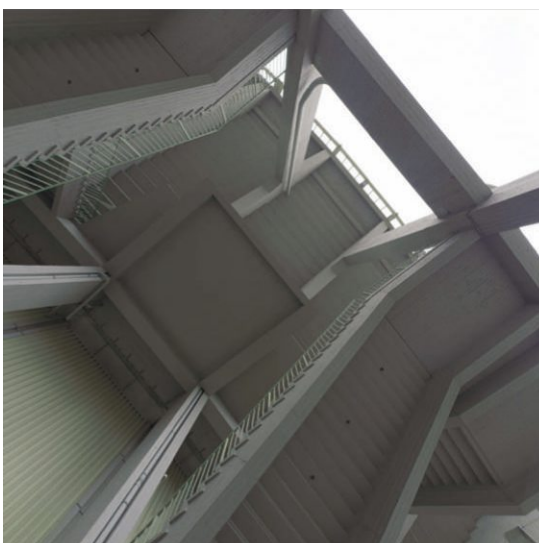
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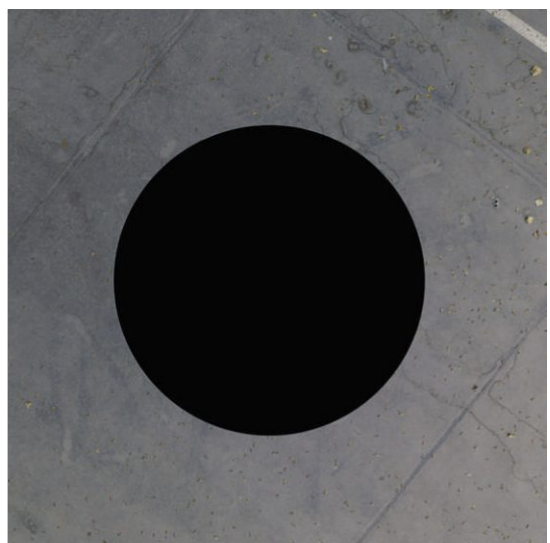
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02_EHS_ARKADEN_007.jpg



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KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

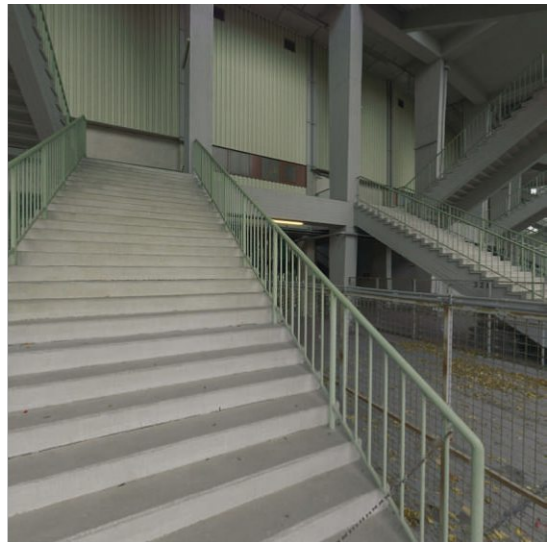
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KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

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02_EHS_ARKADEN_008.jpg



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KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

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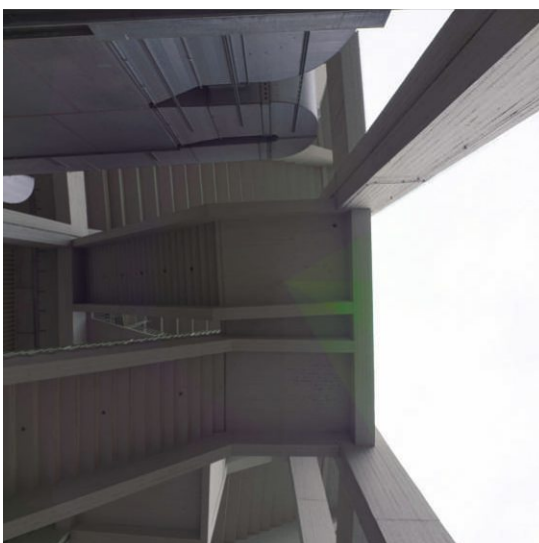
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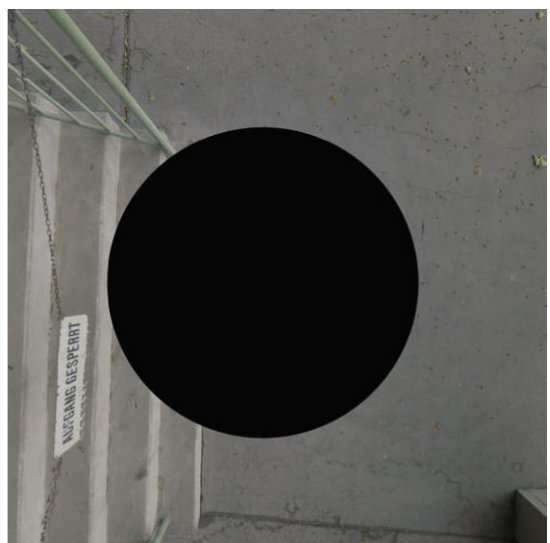
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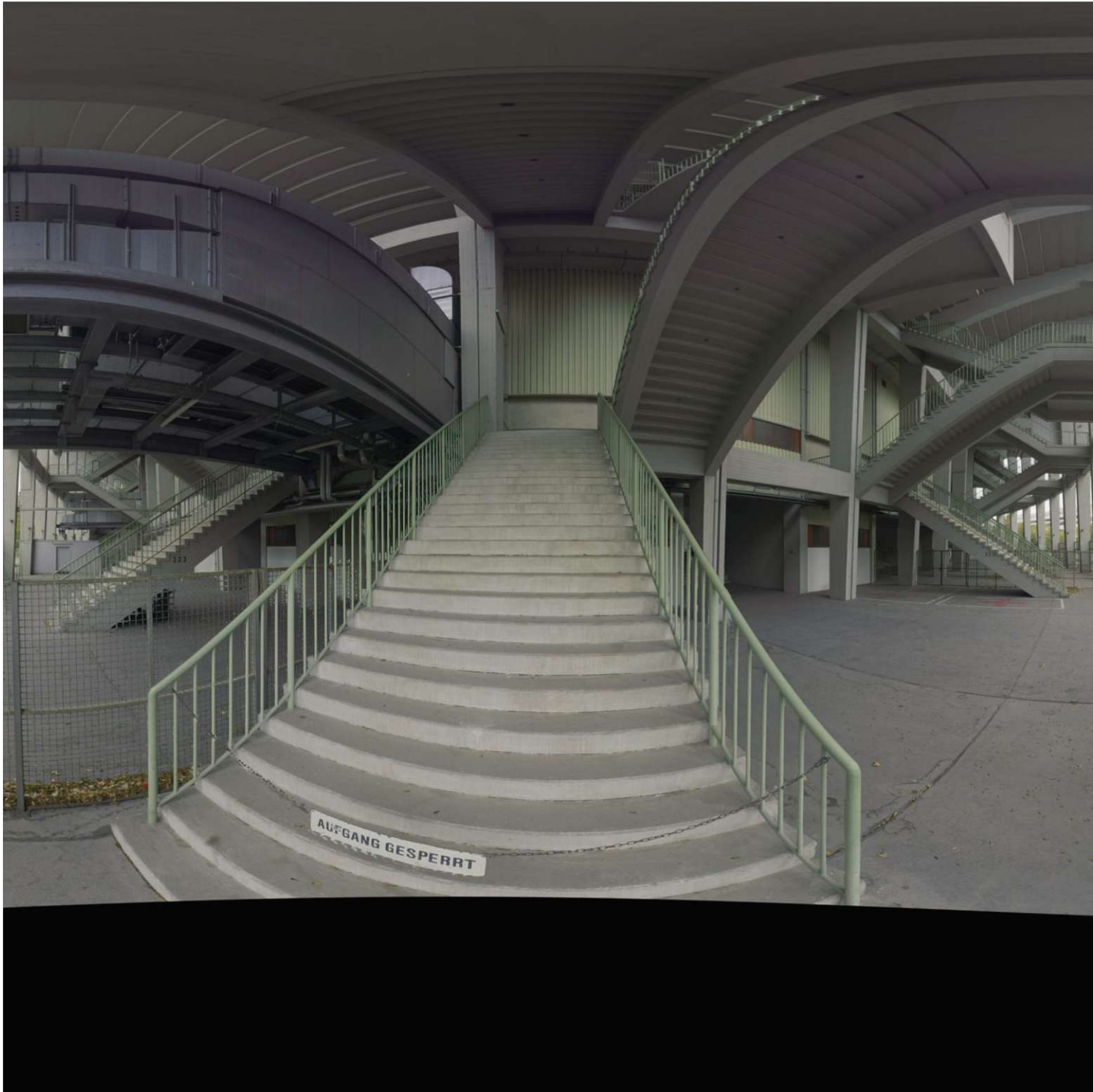


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DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

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02_EHS_ARKADEN_009.jpg



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KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

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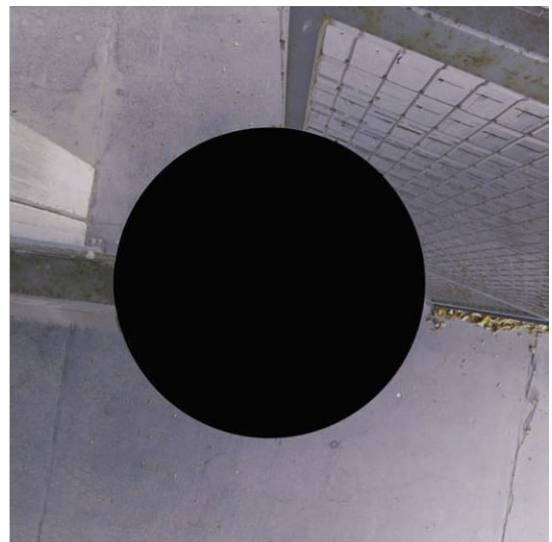
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DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

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02_EHS_ARKADEN_010.jpg



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KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

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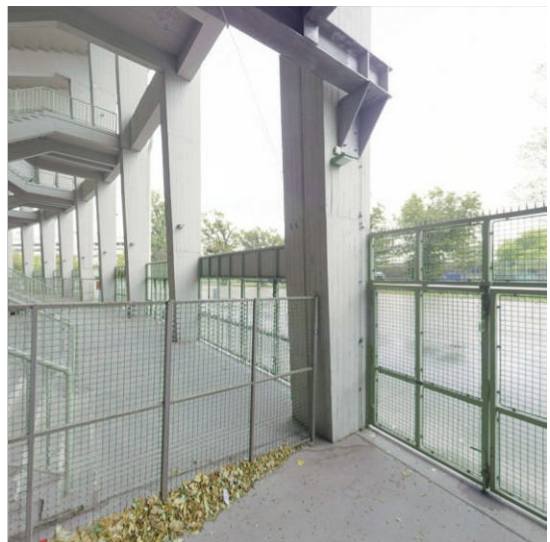
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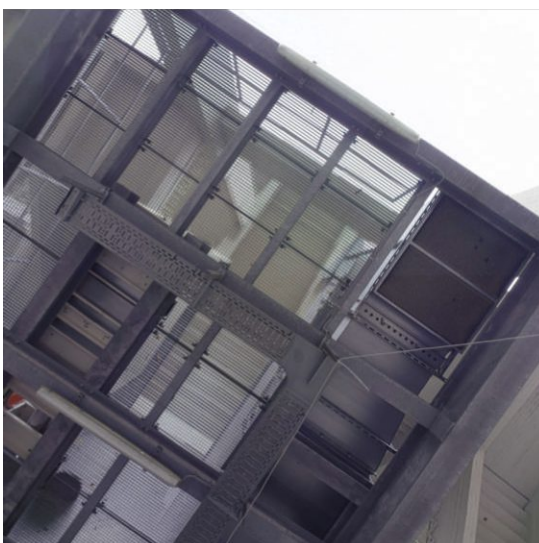
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X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_011_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_011_5.jpeg

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02_EHS_ARKADEN_011.jpg



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EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

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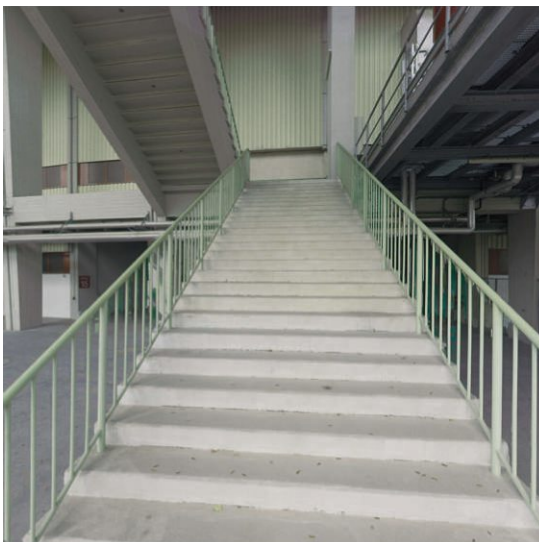
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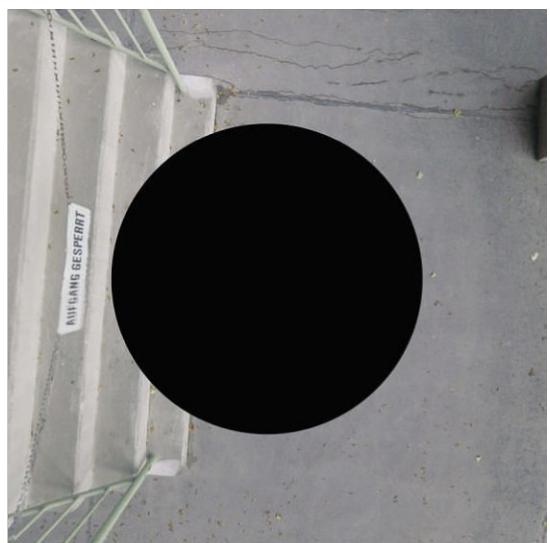
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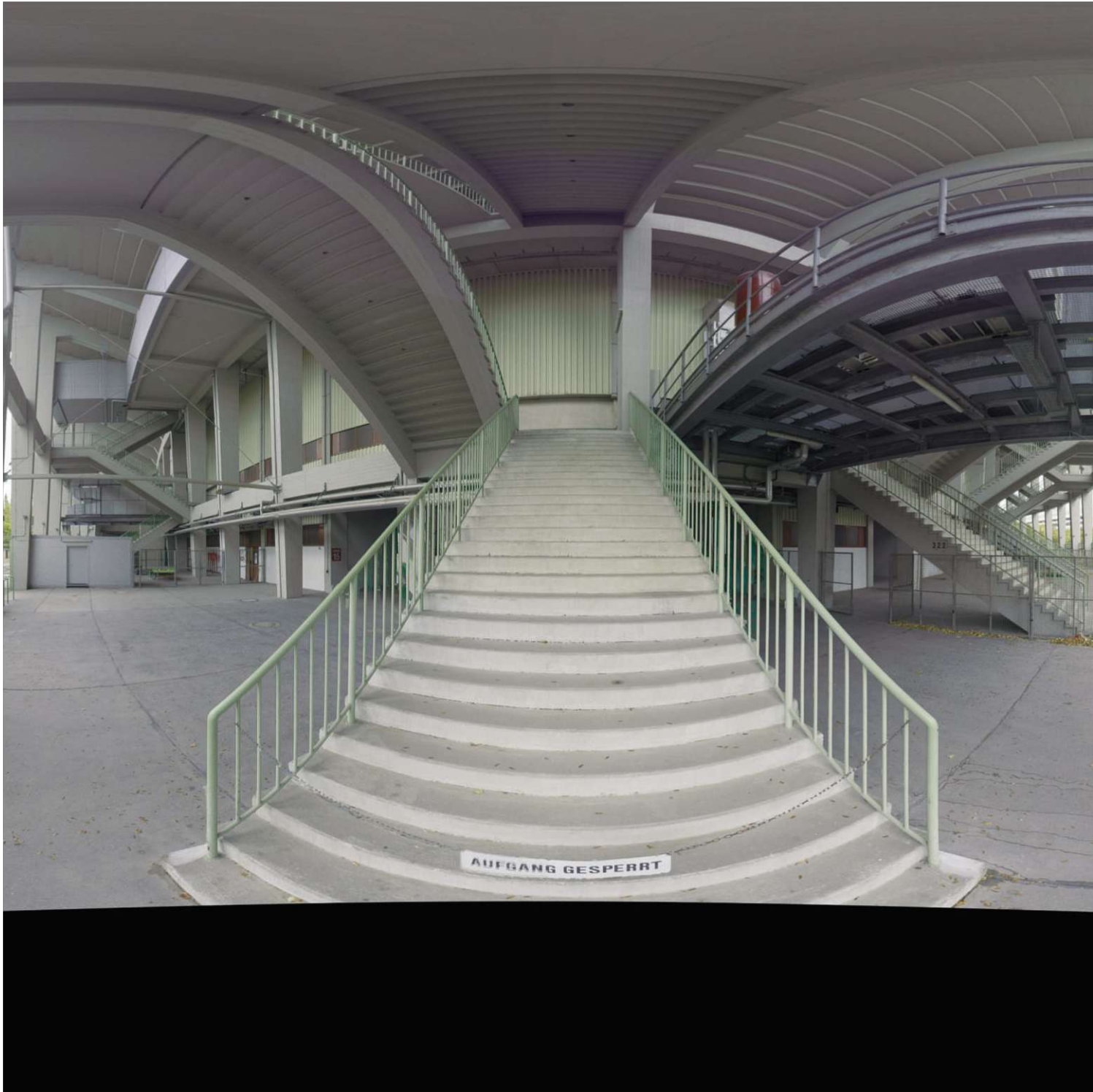


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DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

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DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

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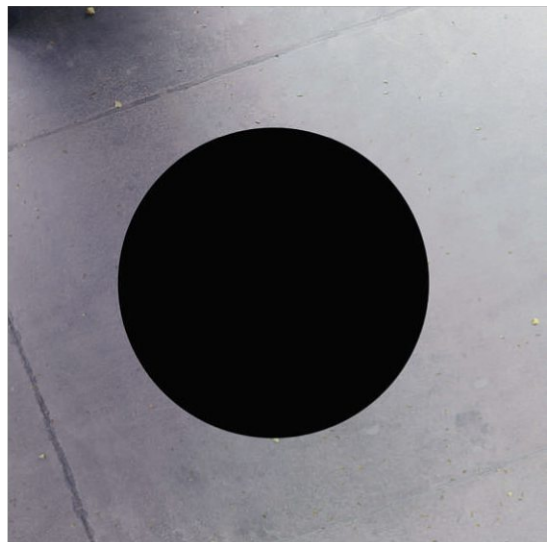
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X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_013_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_013_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_013.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -233901.16144$

$Y = 133885.88945$

$Z = 2080.10195$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_014_0.jpeg



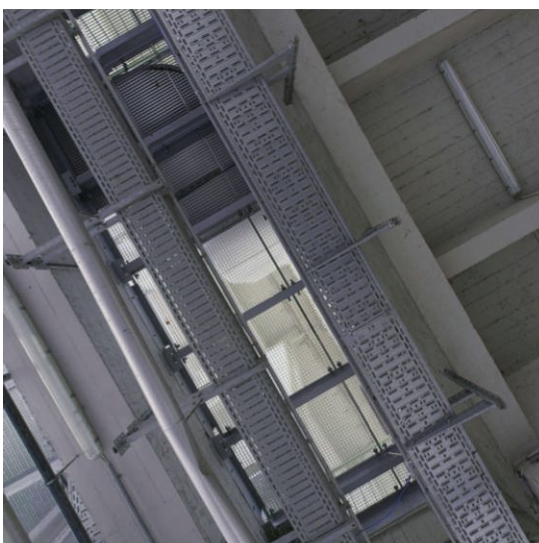
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_014_1.jpeg



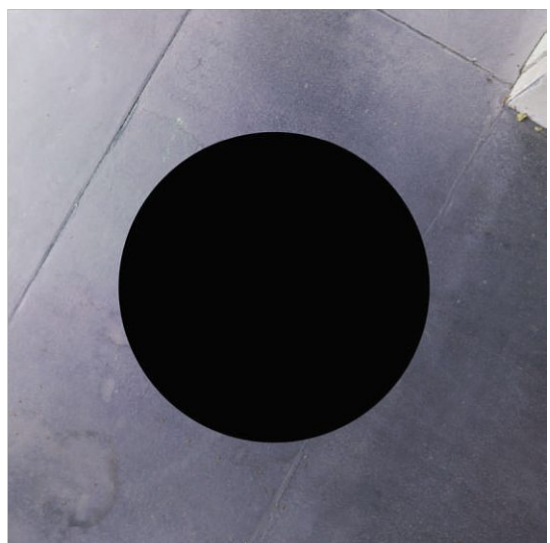
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_014_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_014_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_014_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_014_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_014.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

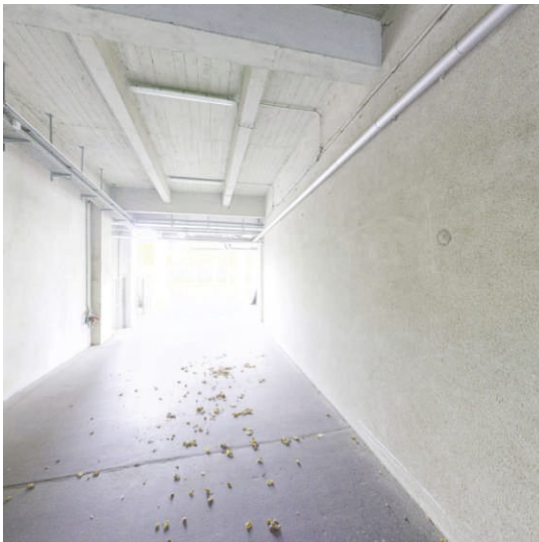
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -228394.16037

Y = 124201.97647

Z = 2039.90258



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_015_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_015_1.jpeg



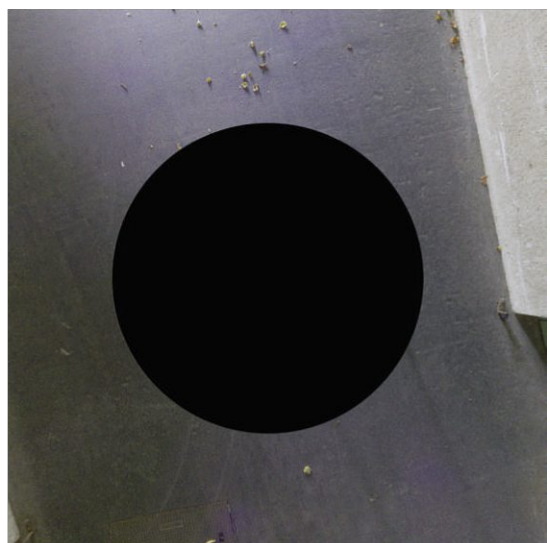
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_015_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_015_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_015_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_015_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_015.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

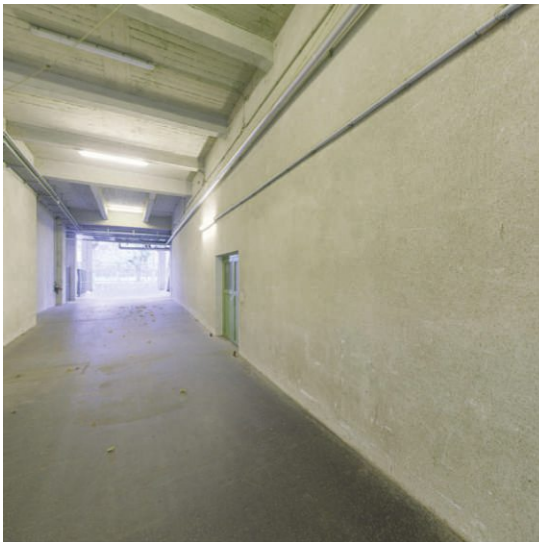
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -224741.01553$

$Y = 117422.77572$

$Z = 1454.82335$



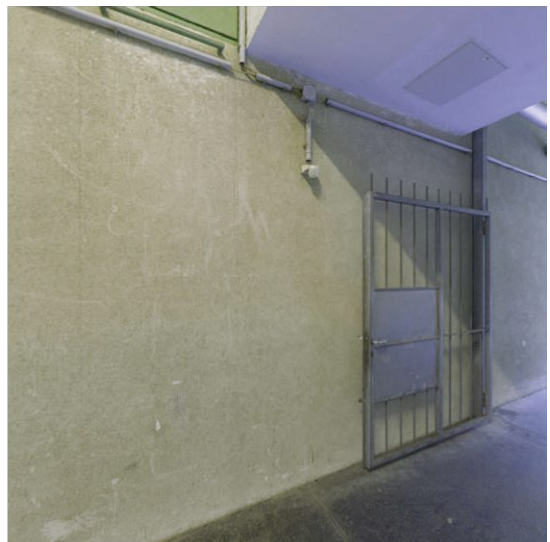
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_016_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_016_1.jpeg



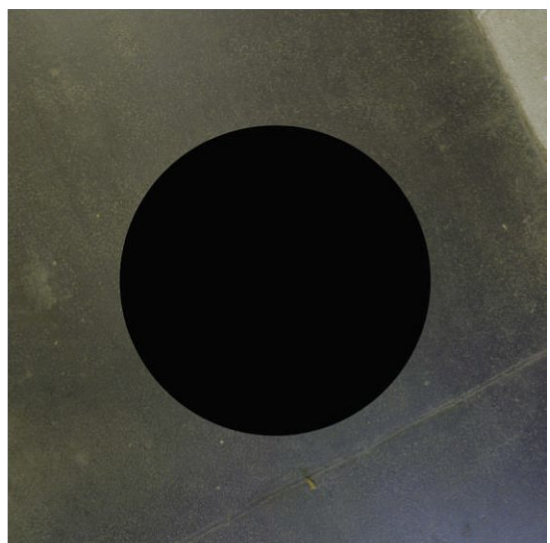
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_016_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_016_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_016_4.jpeg

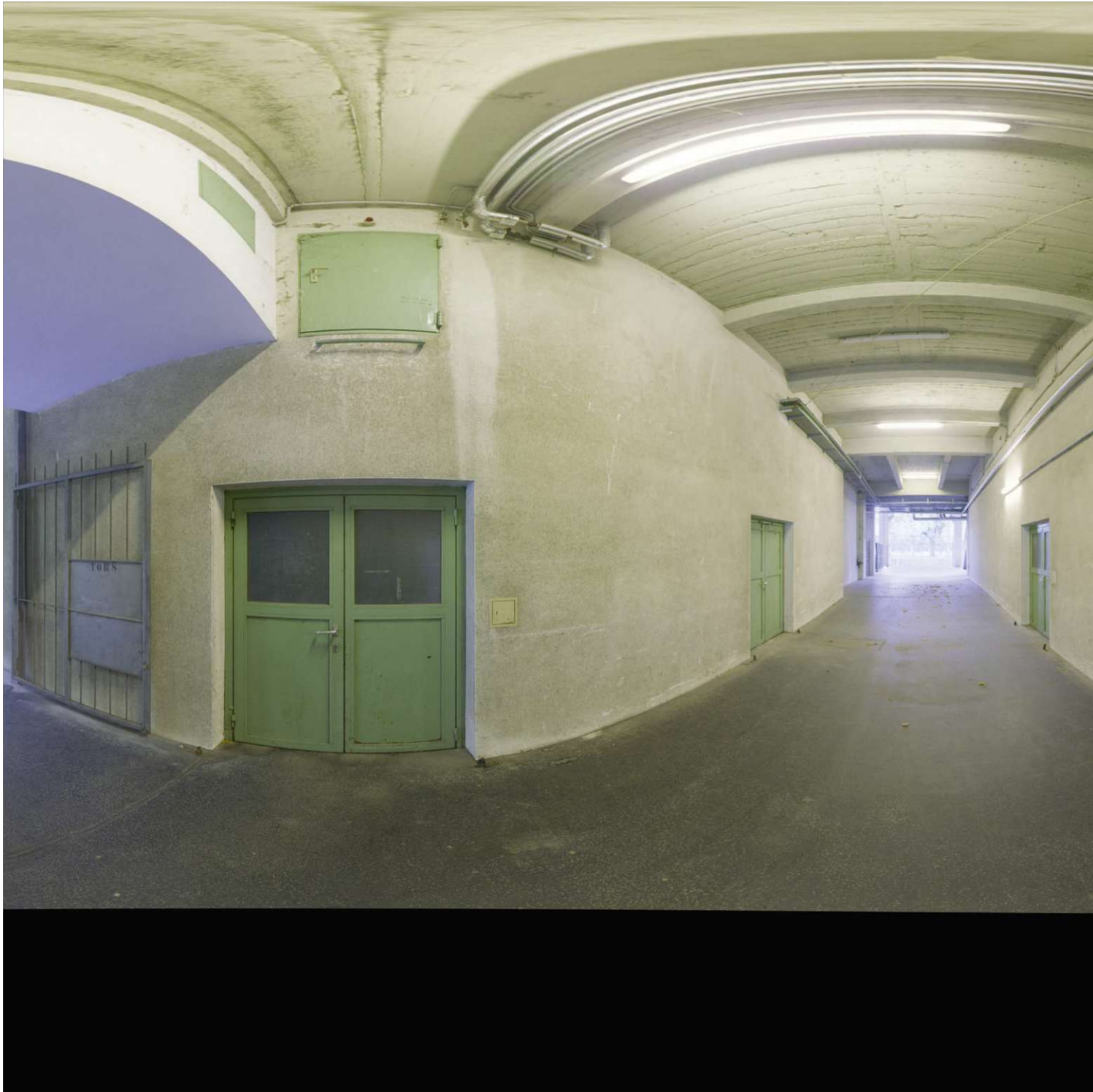


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_016_5.jpeg

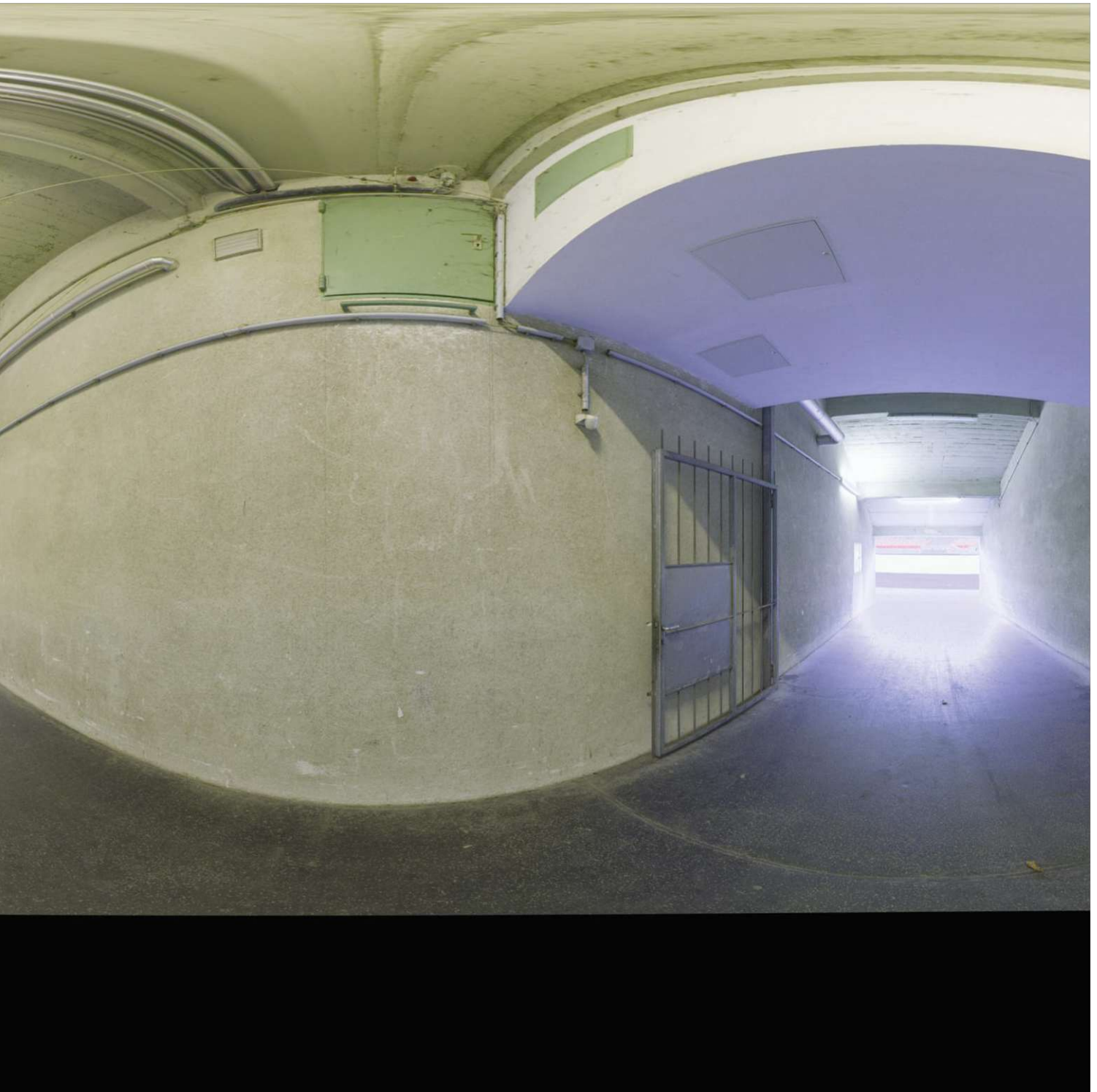
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_016.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -221118.54811

Y = 110843.10285

Z = 1416.31929



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_017_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_017_1.jpeg



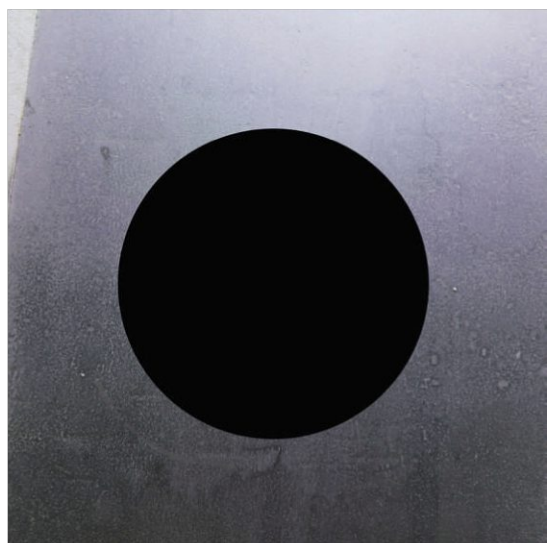
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_017_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_017_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_017_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_017_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_017.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -244575.89123$

$Y = 127357.37482$

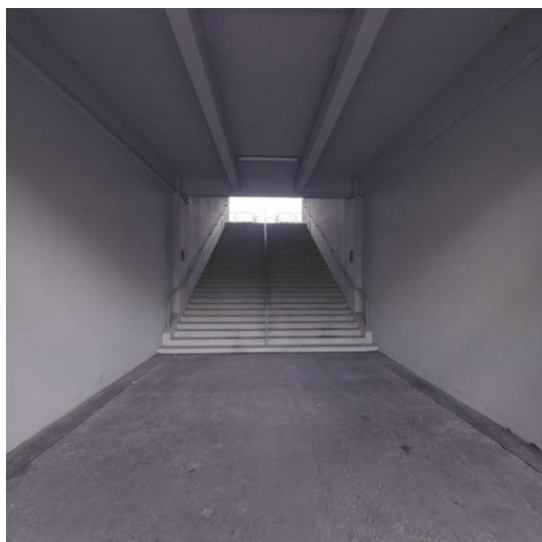
$Z = 1857.36376$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_018_0.jpeg



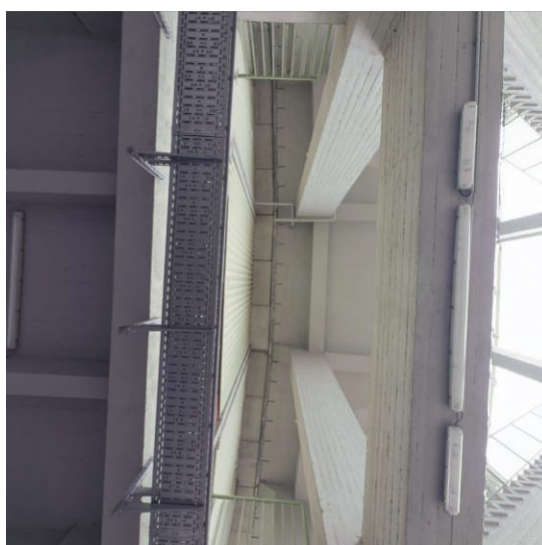
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_018_1.jpeg



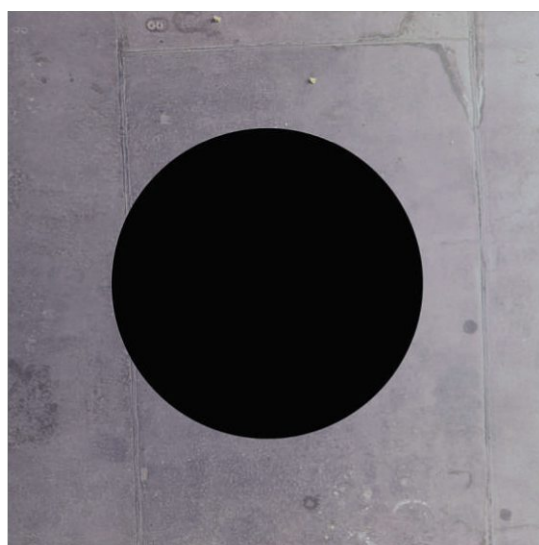
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_018_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_018_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_018_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_018_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_018.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

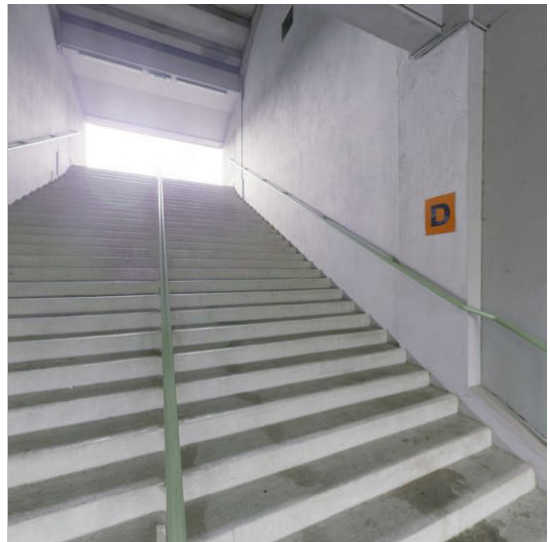
X = -240806.31964

Y = 122079.58806

Z = 1911.46272



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_019_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_019_1.jpeg



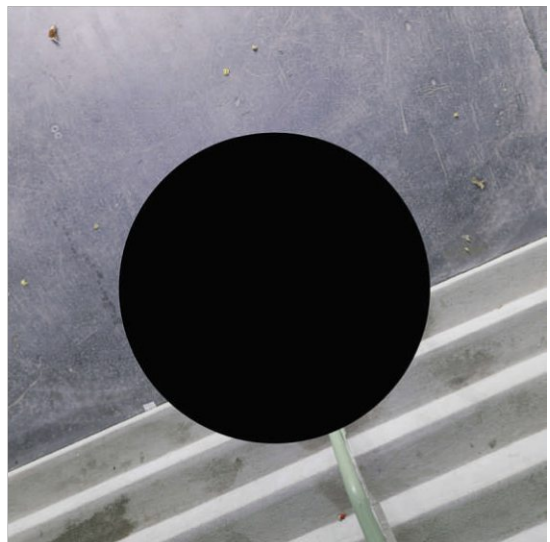
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_019_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_019_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_019_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_019_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_019.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

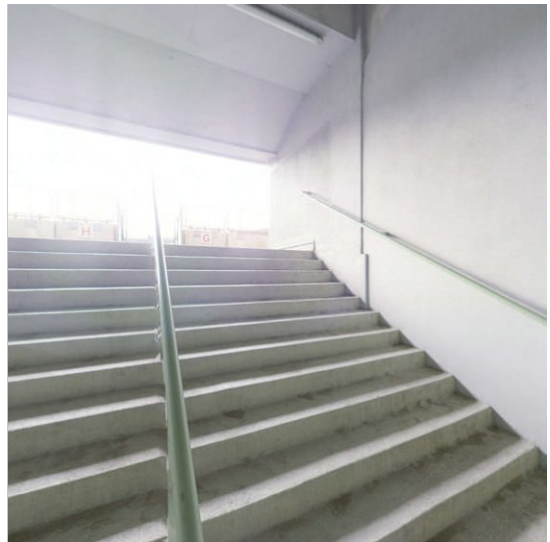
$X = -237325.74984$

$Y = 117342.66242$

$Z = 4765.60175$



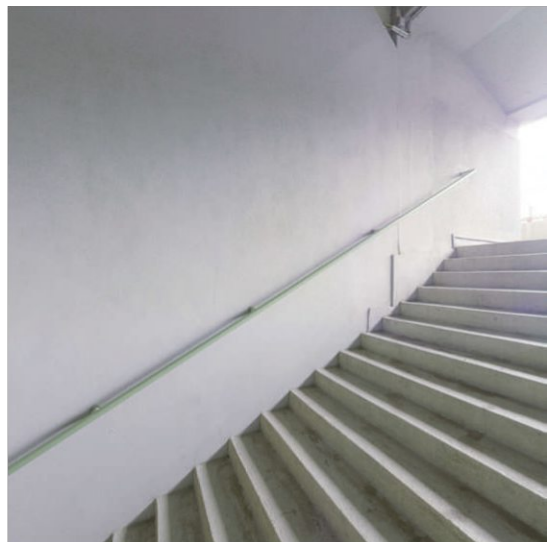
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_020_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_020_1.jpeg



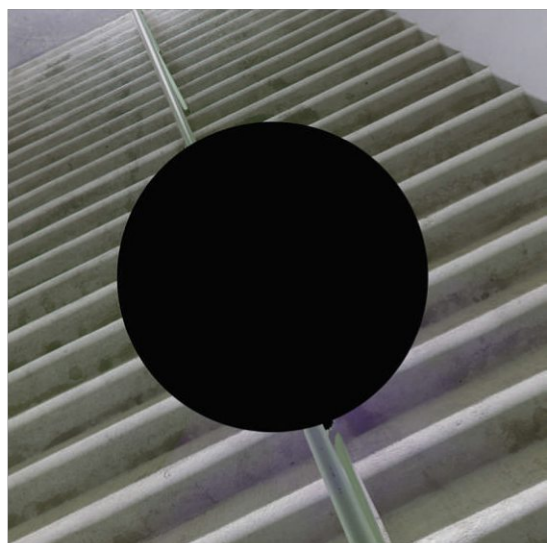
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_020_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_020_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_020_4.jpeg

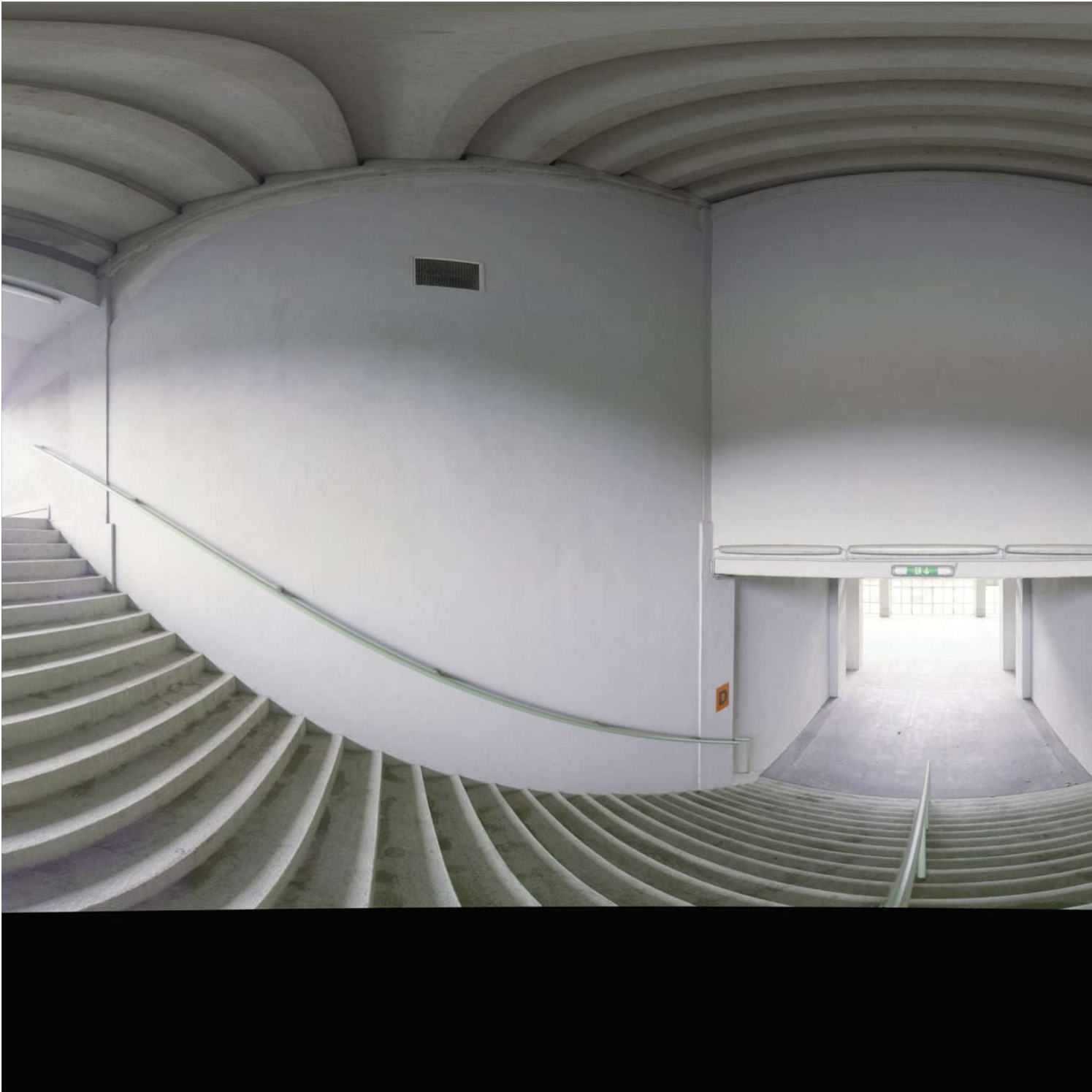


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_020_5.jpeg

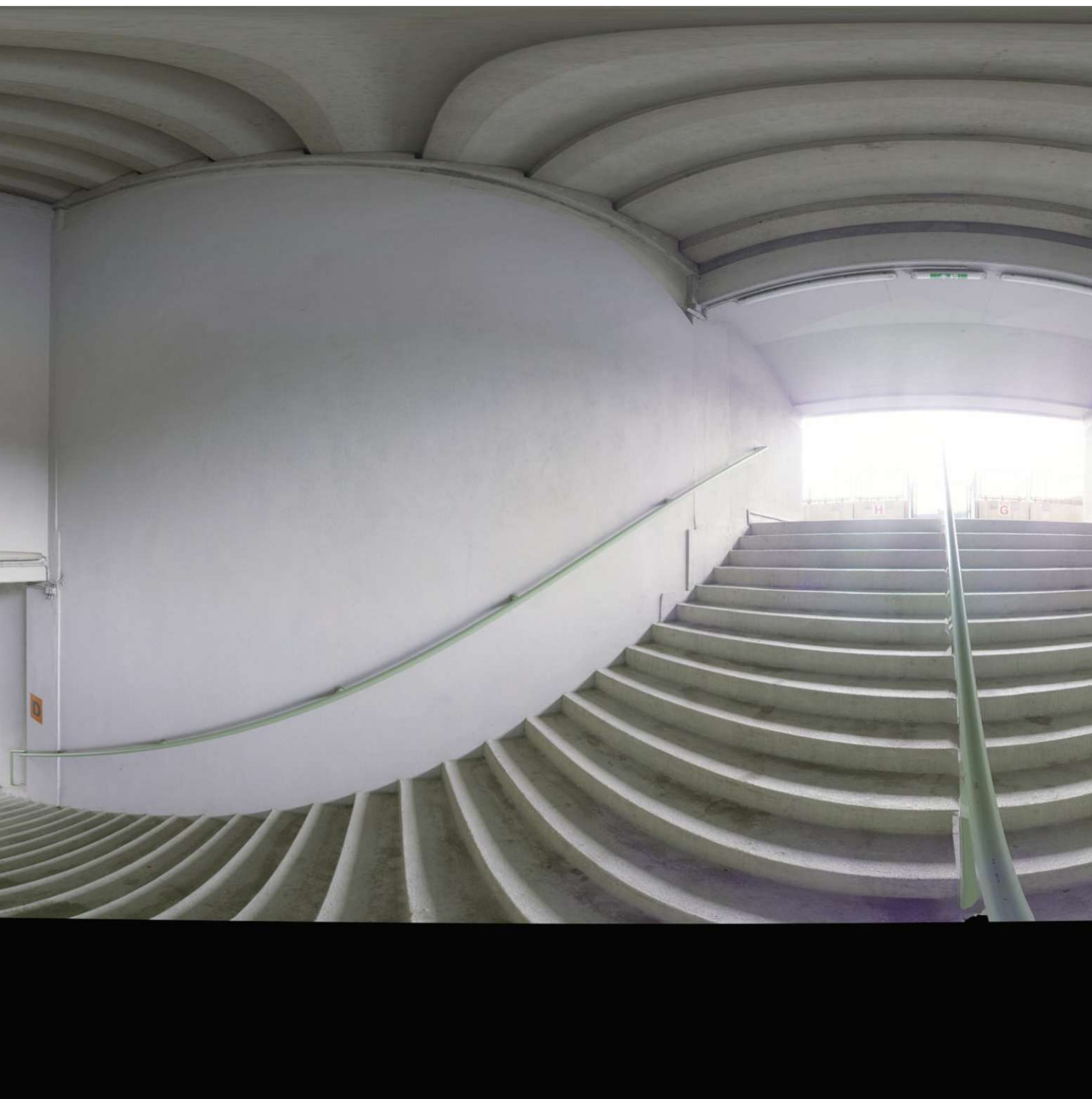
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_020.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -234052.03048

Y = 112792.23638

Z = 6749.69358



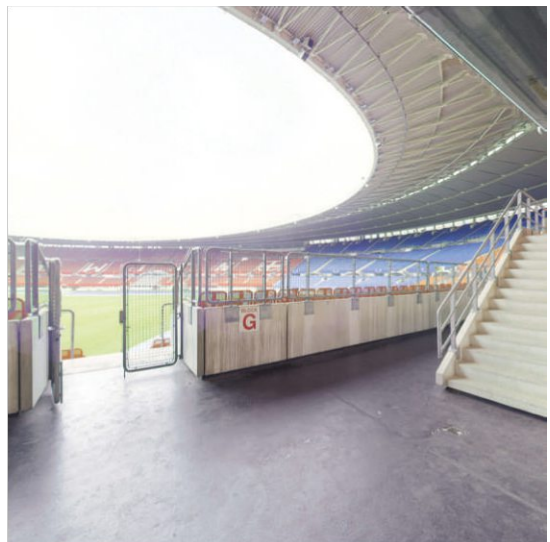
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_021_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_021_1.jpeg



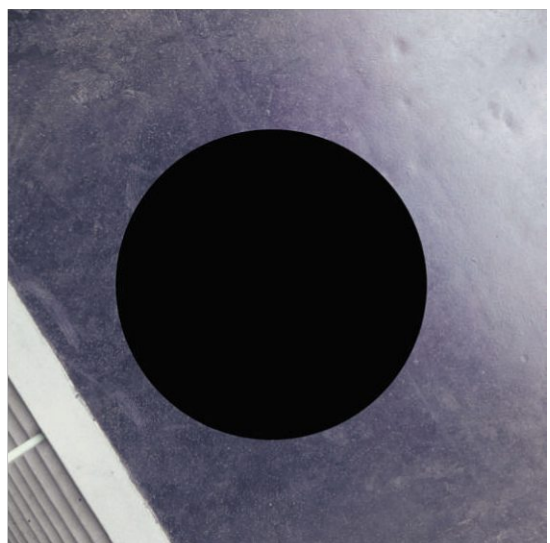
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_021_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_021_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_021_4.jpeg

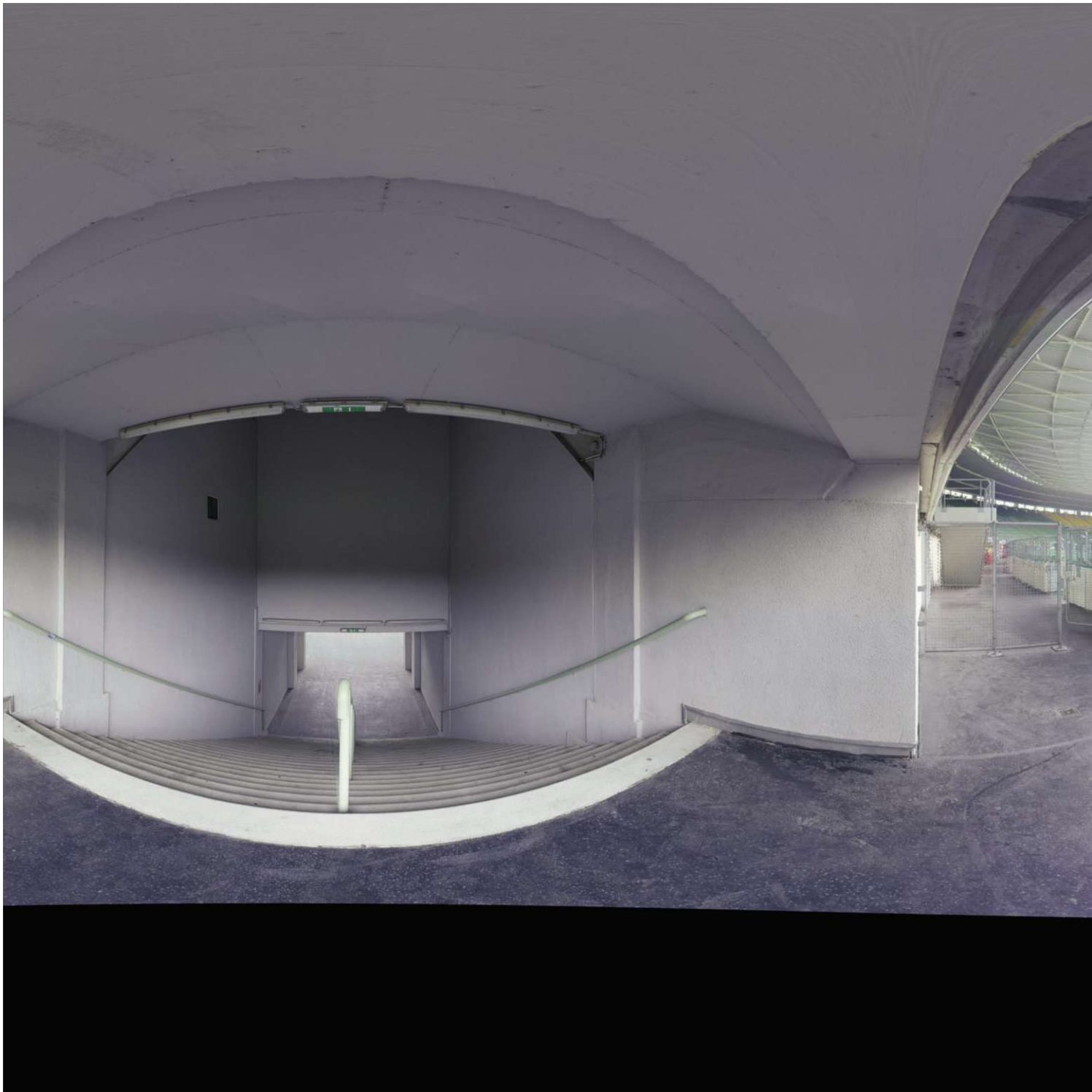


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_021_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_021.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -242951.38447

Y = 133609.19697

Z = 1409.29094



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_022_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_022_1.jpeg



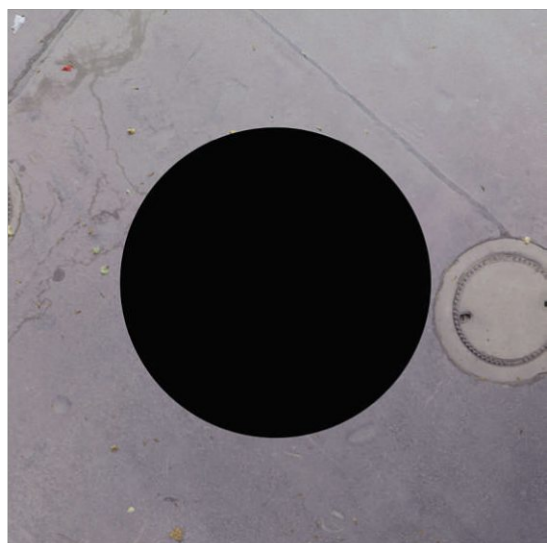
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_022_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_022_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_022_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_022_5.jpeg

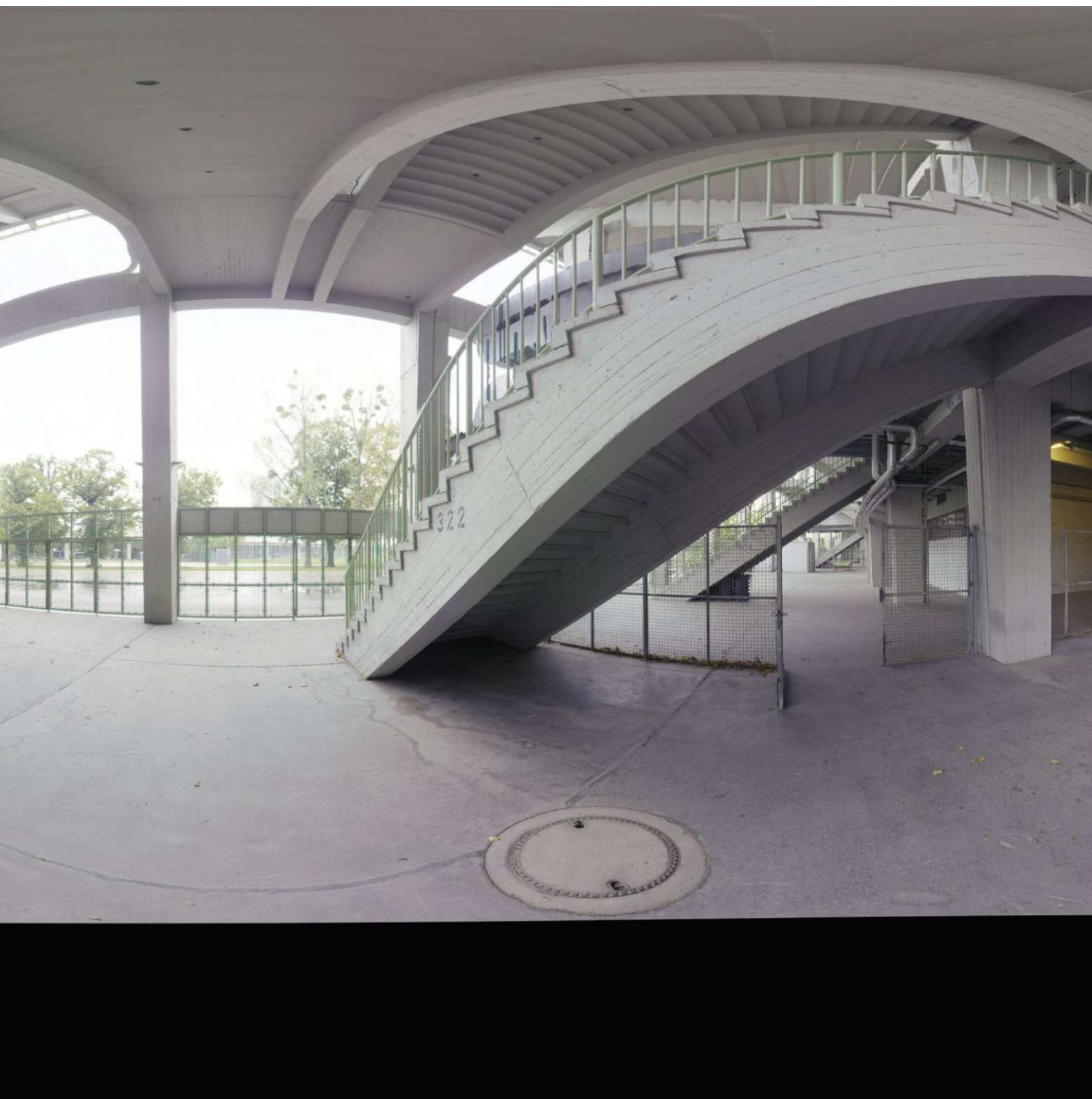
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_022.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -227444.50557

Y = 148297.4412

Z = 1725.76661



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_023_0.jpeg



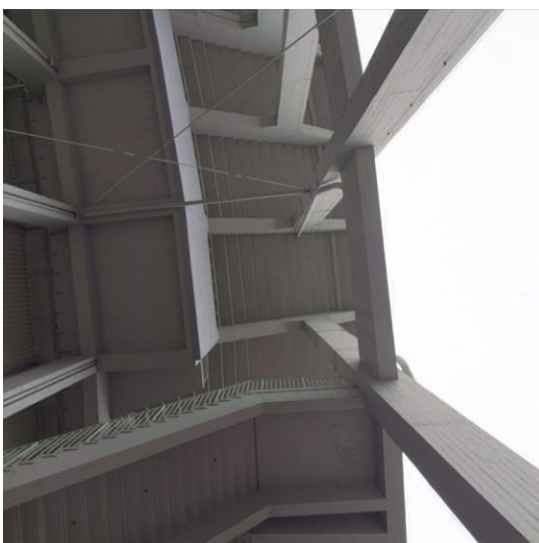
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_023_1.jpeg



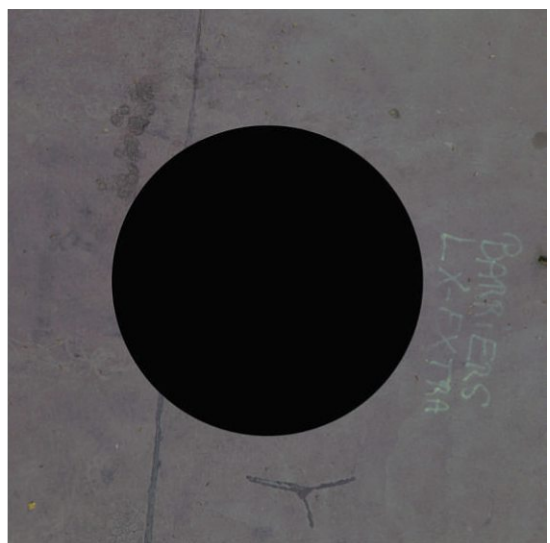
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_023_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_023_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_023_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_023_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_023.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

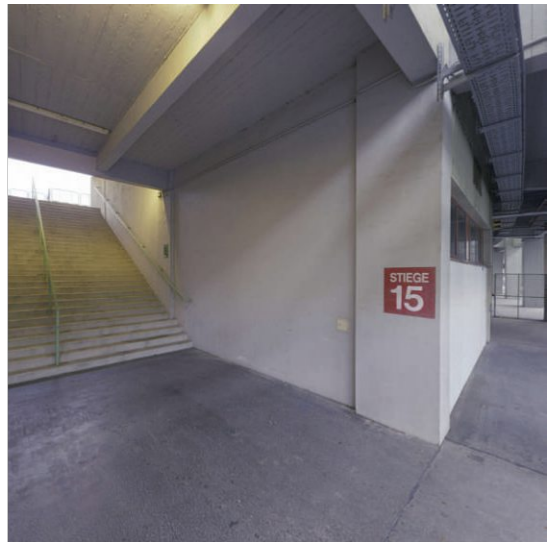
$X = -222581.56671$

$Y = 139378.3636$

$Z = 1852.75632$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_024_0.jpeg



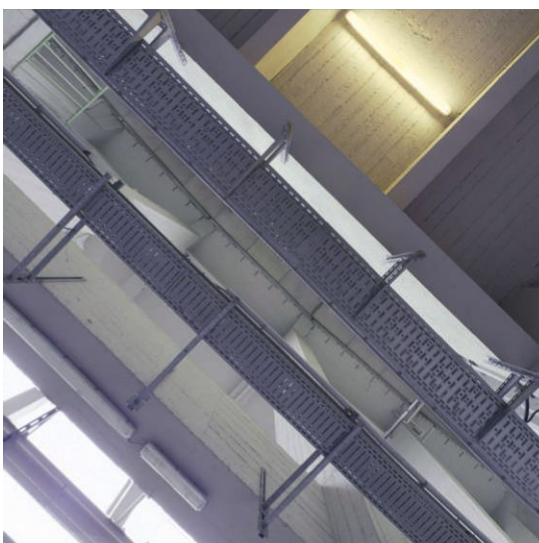
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_024_1.jpeg



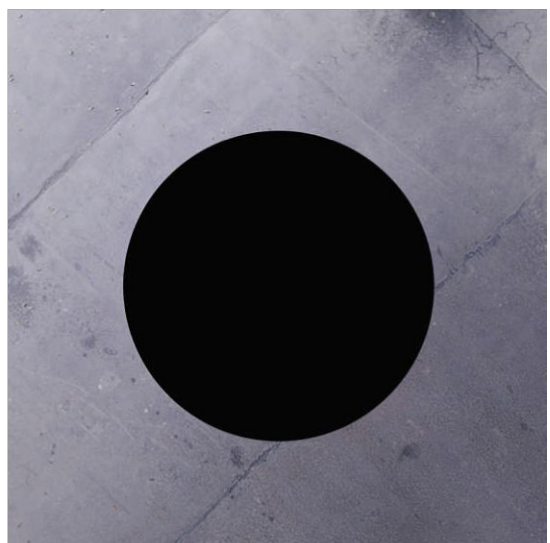
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_024_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_024_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_024_4.jpeg

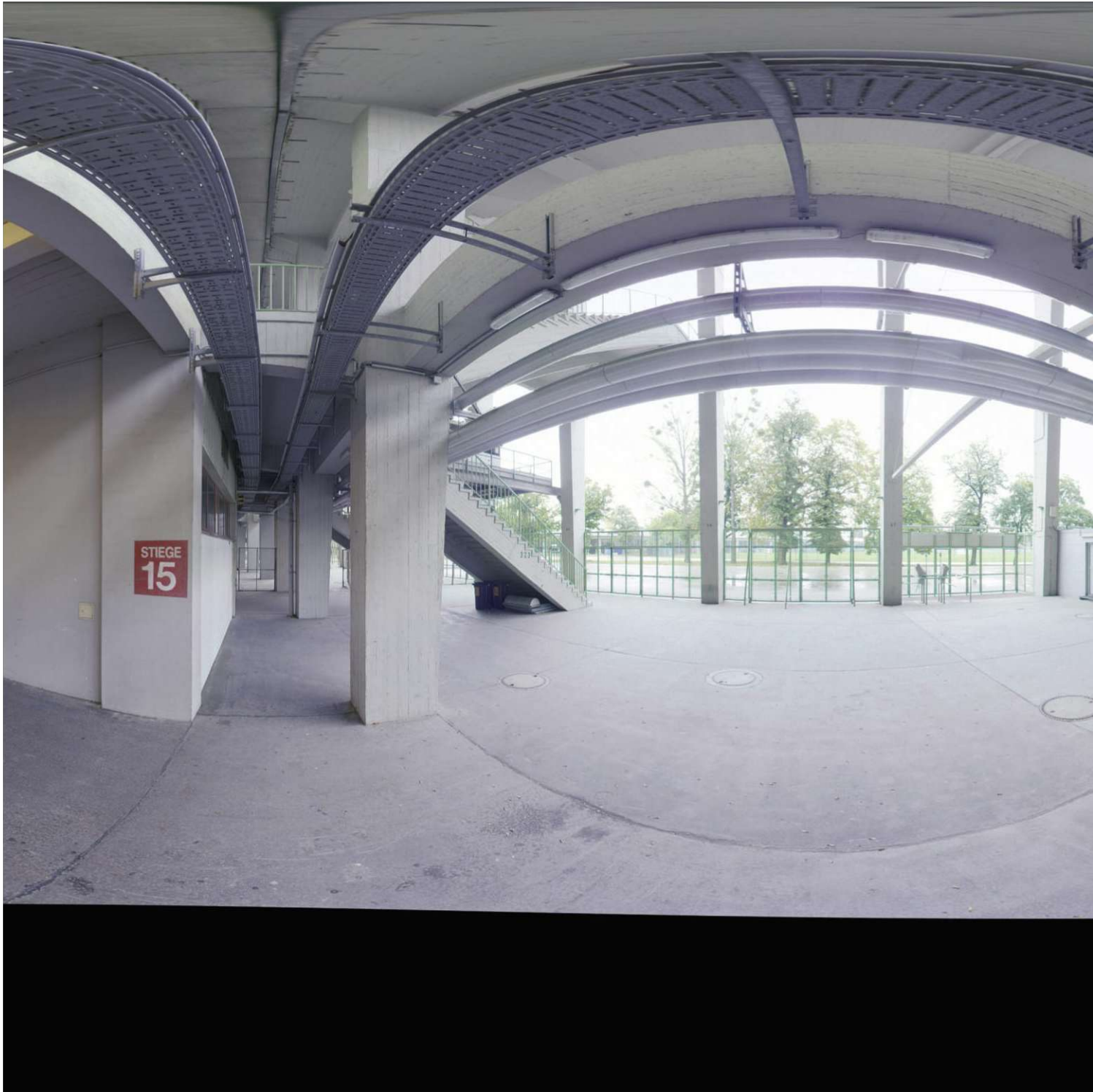


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_024_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_024.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

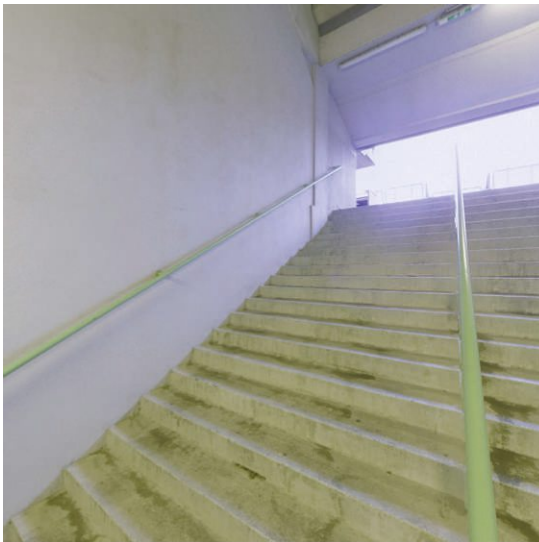
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -219274.20956

Y = 130085.76745

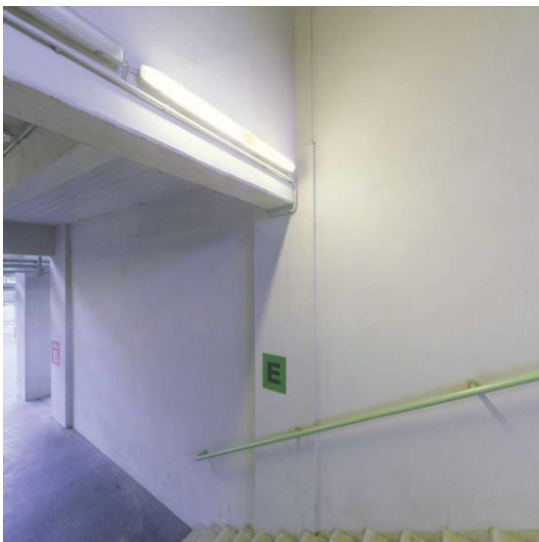
Z = 3652.26267



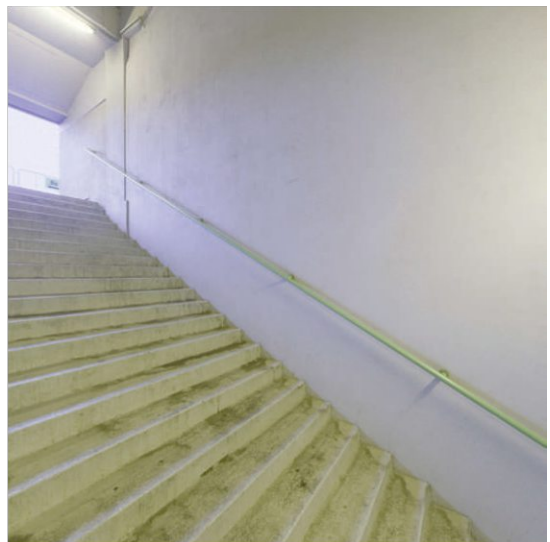
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_025_0.jpeg



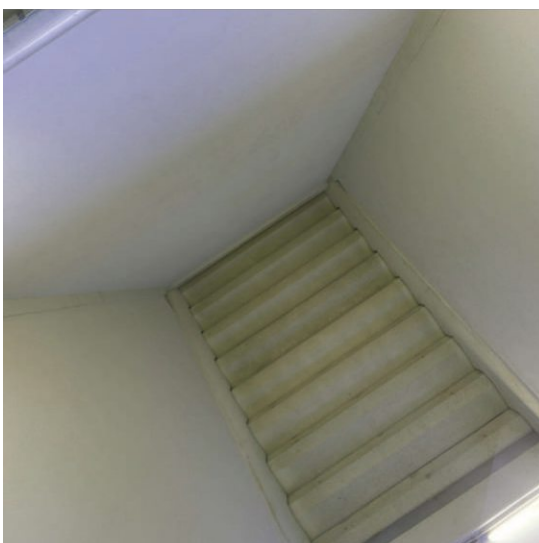
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_025_1.jpeg



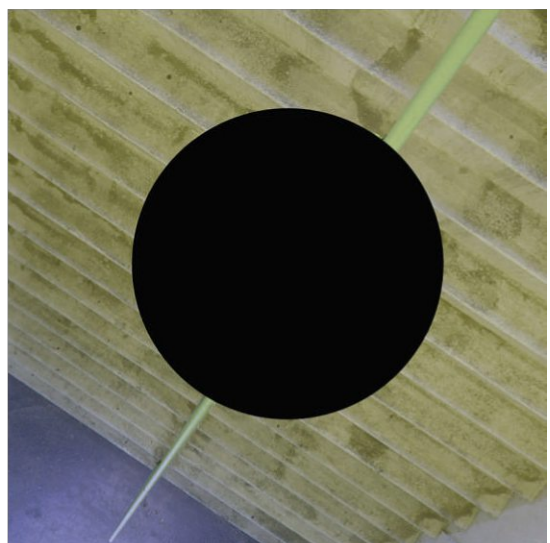
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_025_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_025_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_025_4.jpeg

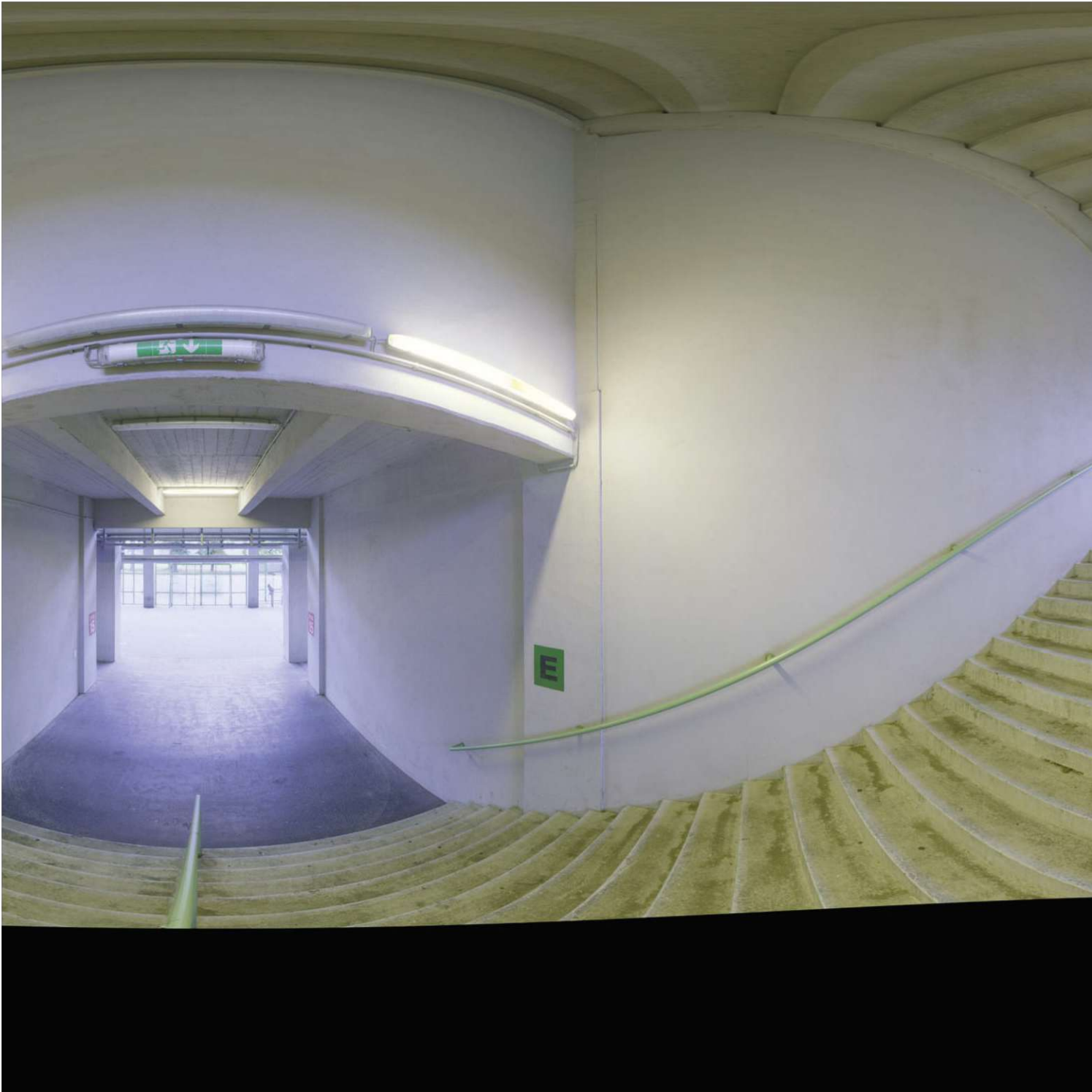


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_025_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_025.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -216236.19508$

$Y = 122845.09633$

$Z = 6813.36729$



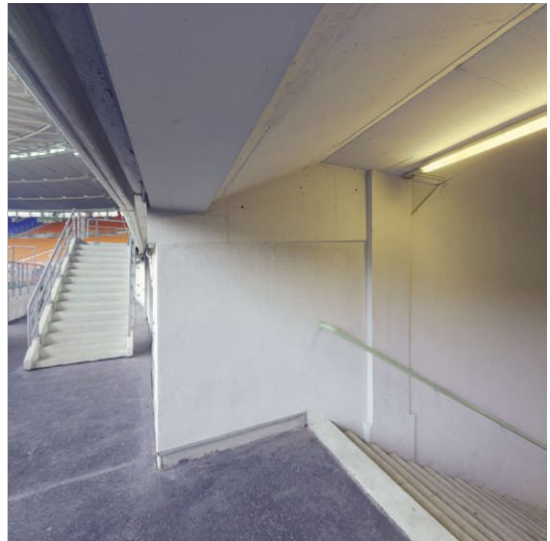
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_026_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_026_1.jpeg



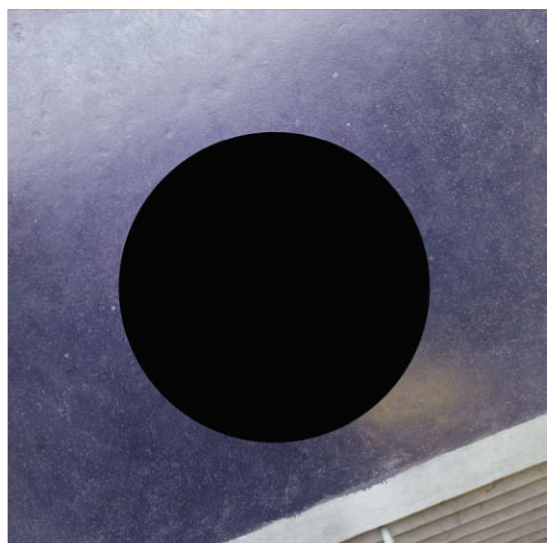
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_026_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_026_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_026_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_026_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_026.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -215281.46025$

$Y = 120704.9936$

$Z = 6802.49669$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_027_0.jpeg



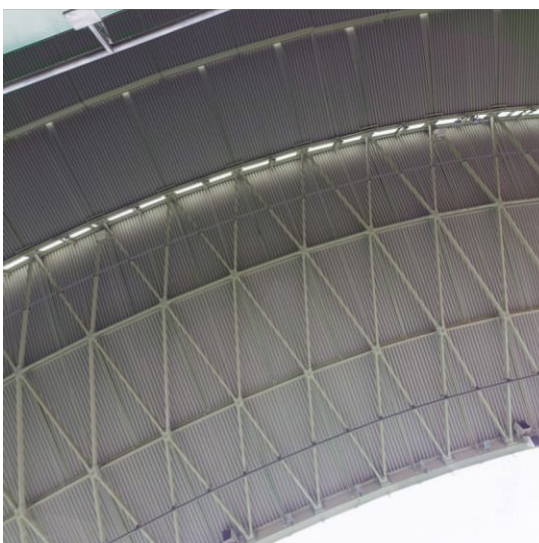
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_027_1.jpeg



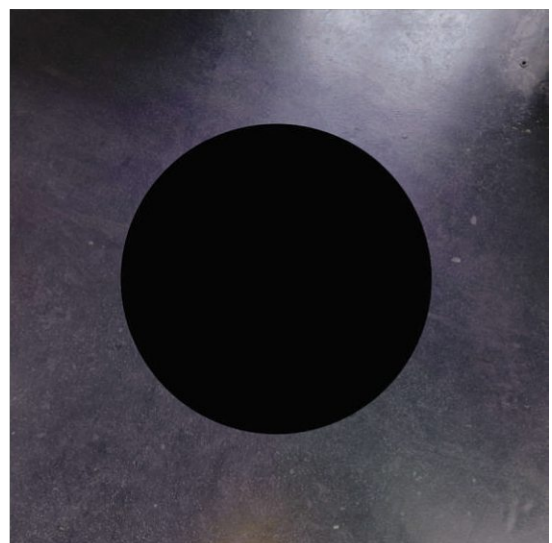
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_027_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_027_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_027_4.jpeg

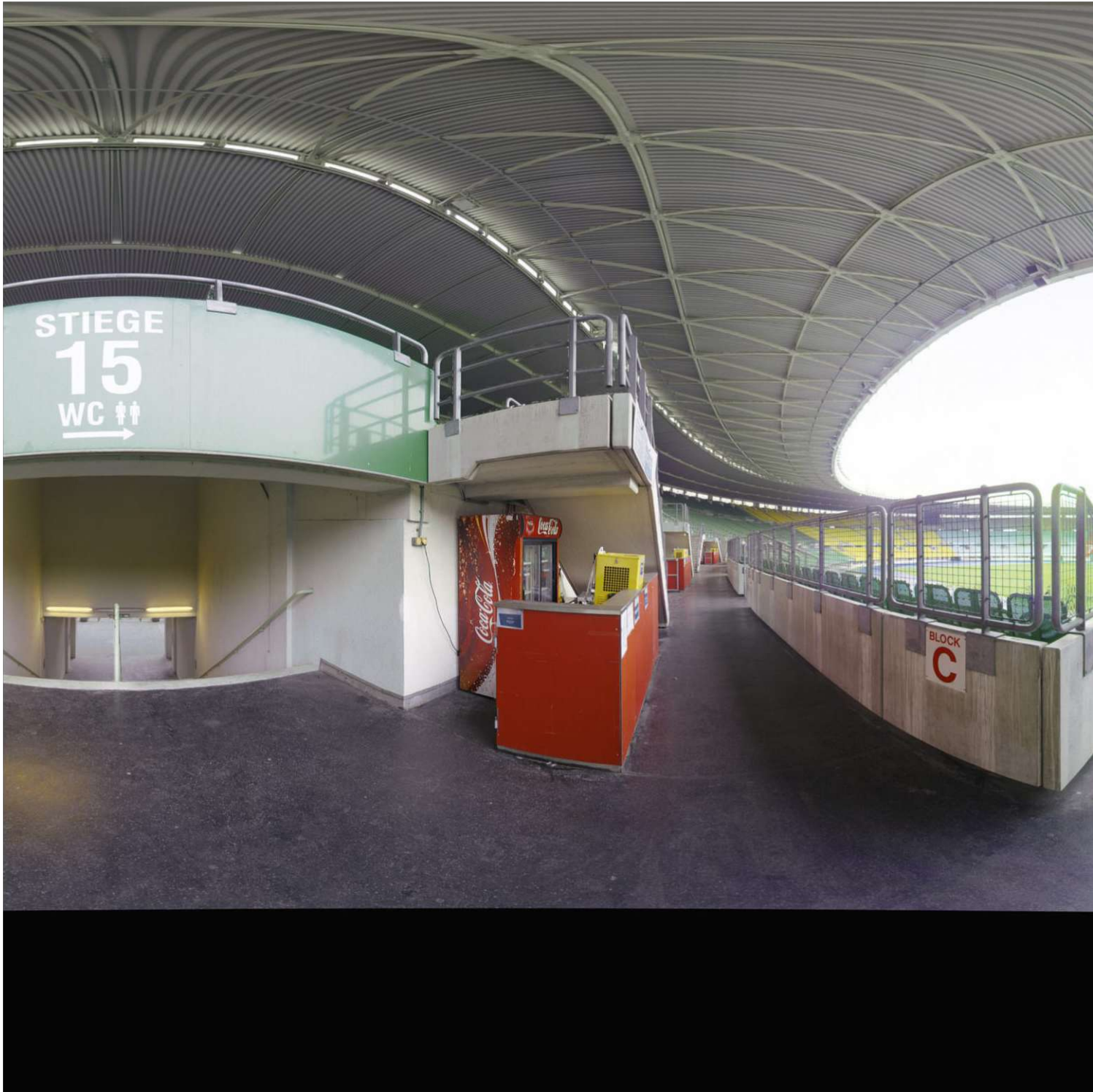


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_027_5.jpeg

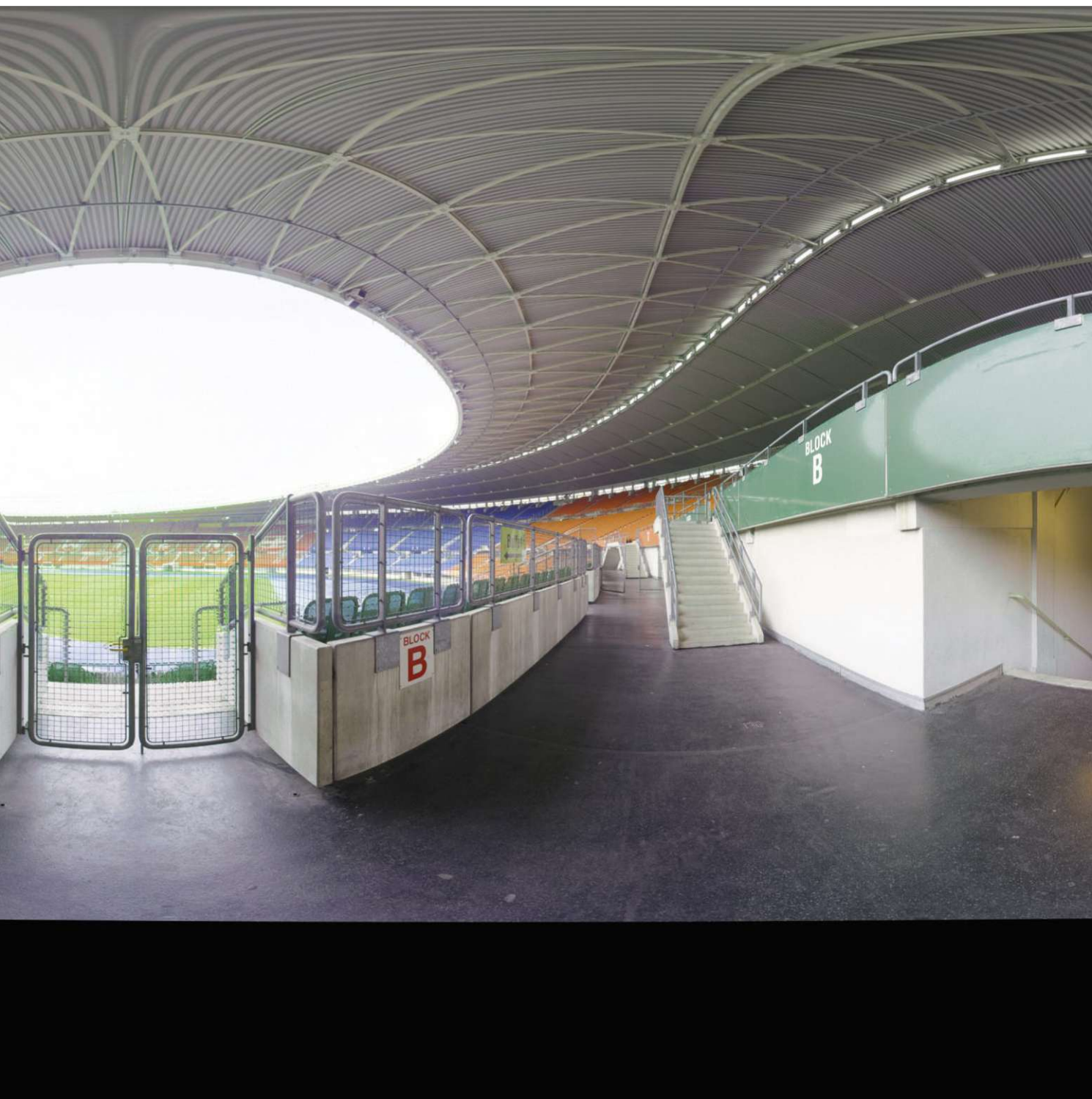
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_027.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

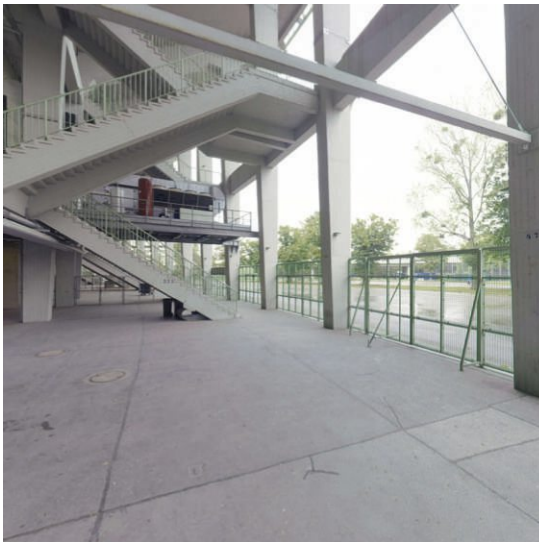
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -220067.83619

Y = 147070.57208

Z = 1986.44289



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_028_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_028_1.jpeg



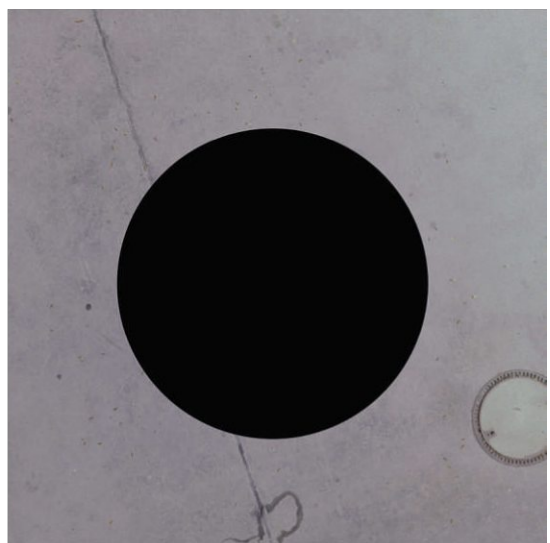
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_028_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_028_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_028_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_028_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_028.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -215887.19842$

$Y = 145289.26833$

$Z = 2016.89736$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_029_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_029_1.jpeg



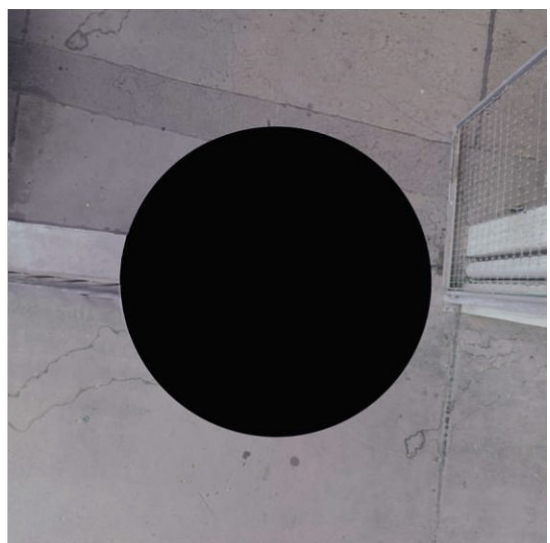
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_029_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_029_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_029_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_029_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_029.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -205221.1793

Y = 148393.70729

Z = 2021.0881



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_030_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_030_1.jpeg



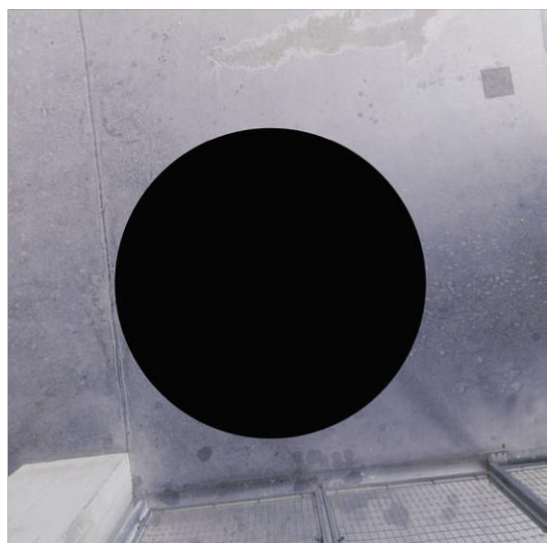
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_030_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_030_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_030_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_030_5.jpeg

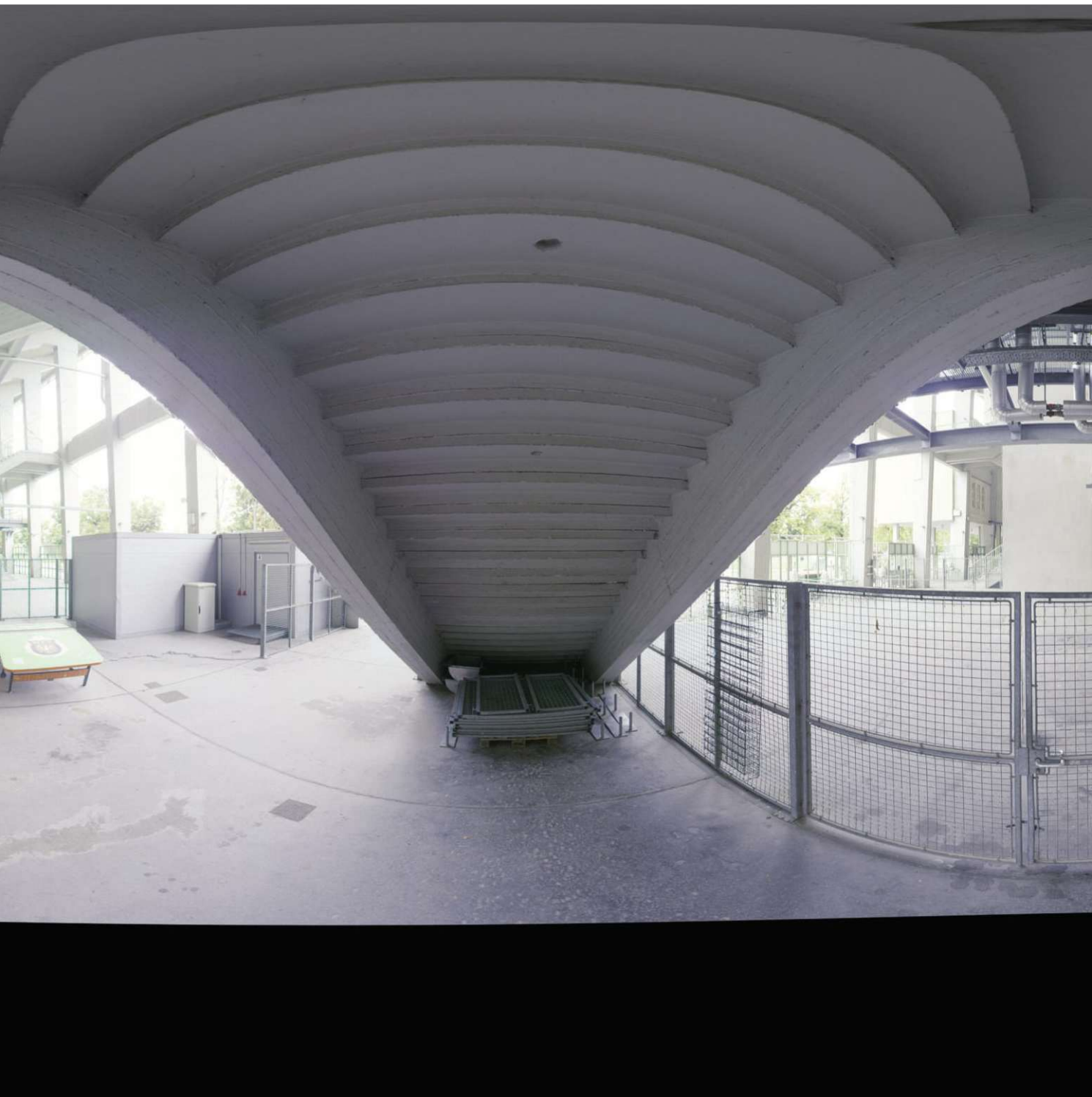
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_030.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -207020.93072

Y = 155697.16793

Z = 1937.07928



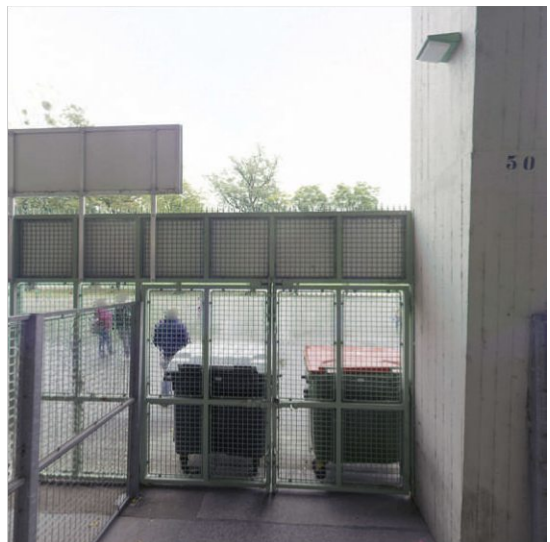
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_031_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_031_1.jpeg



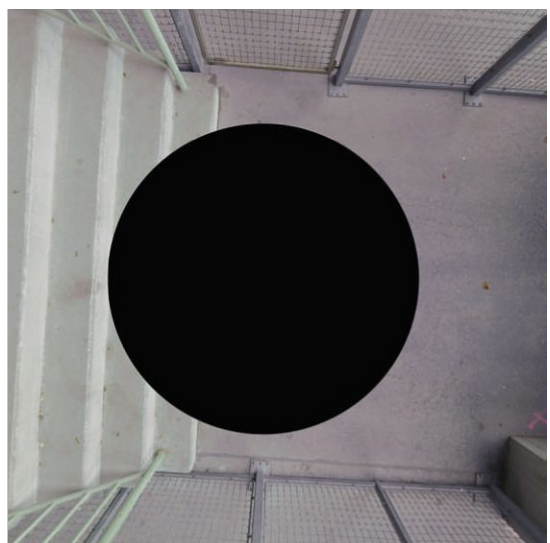
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_031_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_031_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_031_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_031_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_031.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -211299.05206$

$Y = 157546.78448$

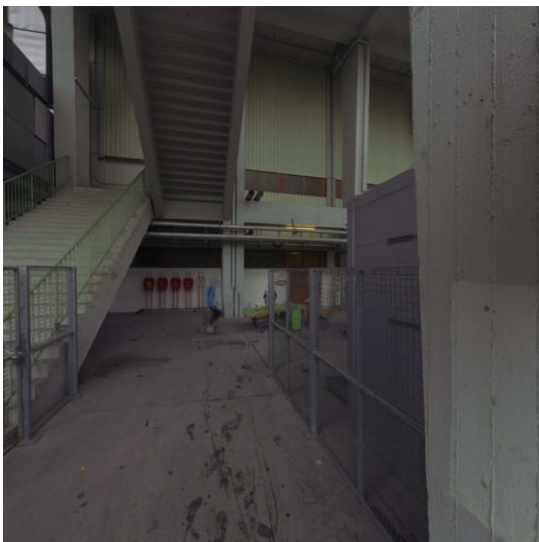
$Z = 1655.33915$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_032_0.jpeg



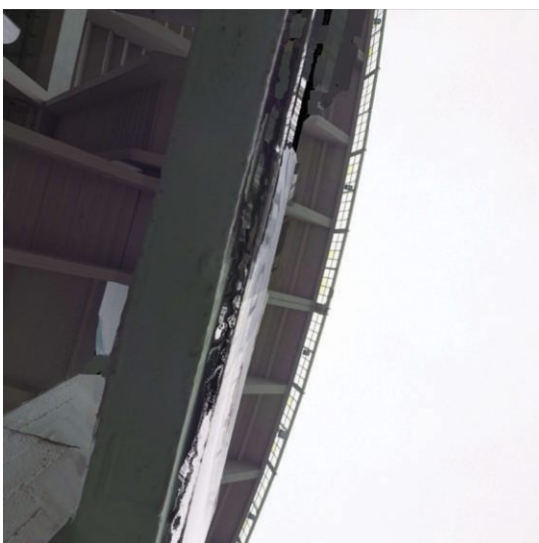
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_032_1.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_032_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_032_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_032_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_032_5.jpeg

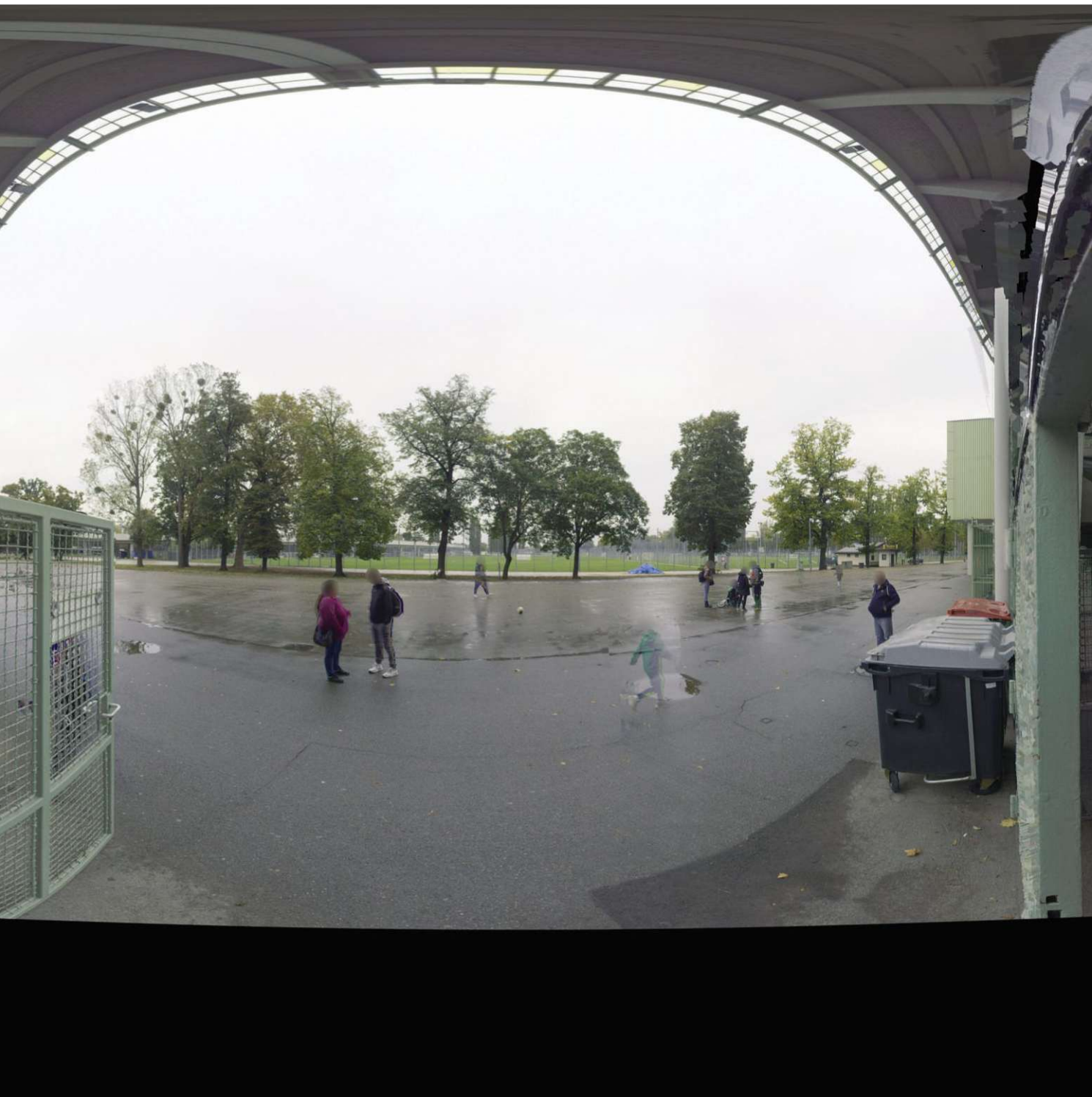
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_032.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

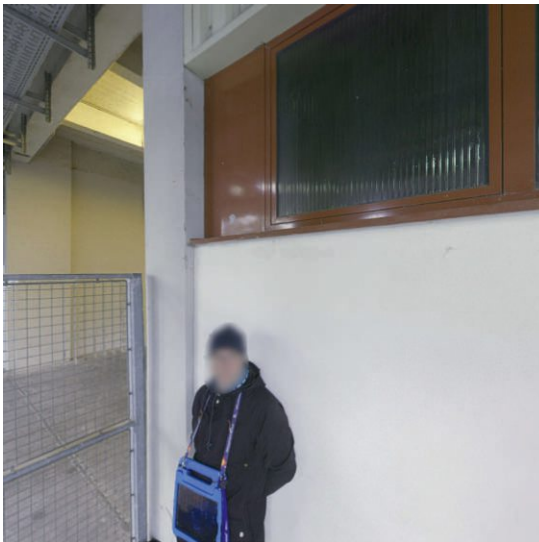
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

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Y = 145520.4628

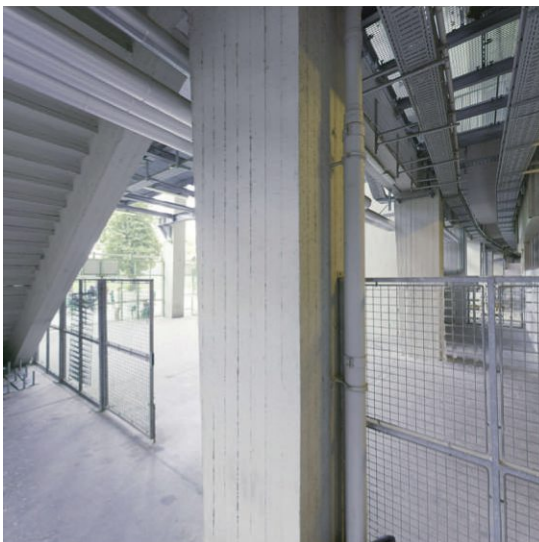
Z = 1866.00095



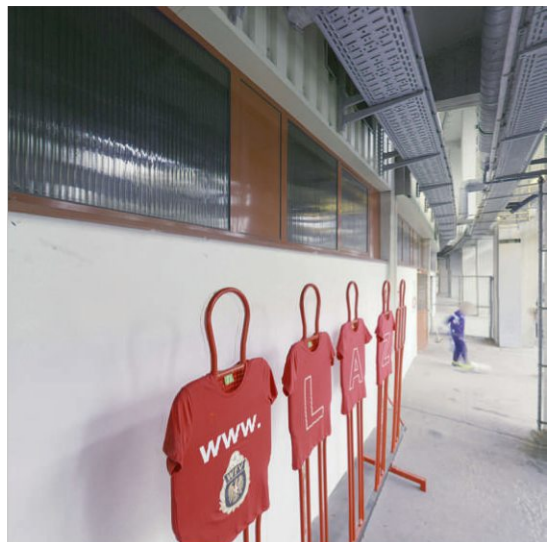
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_033_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_033_1.jpeg



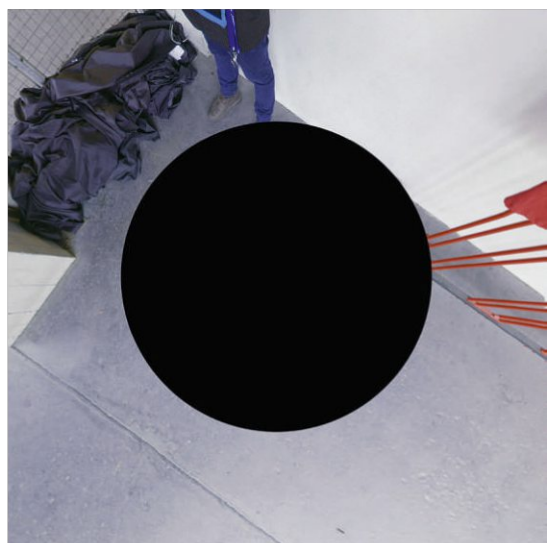
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_033_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_033_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_033_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_033_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_033.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

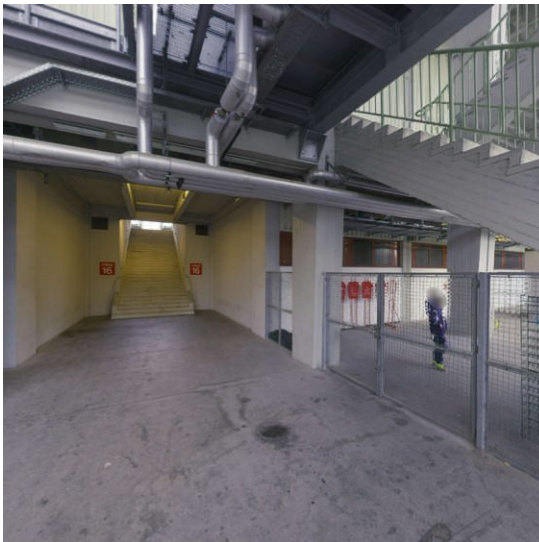
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -201051.53526

Y = 152862.1296

Z = 1803.76678



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_034_0.jpeg



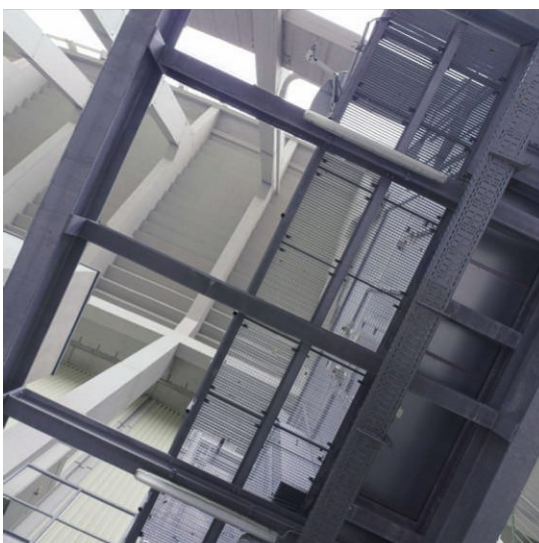
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_034_1.jpeg



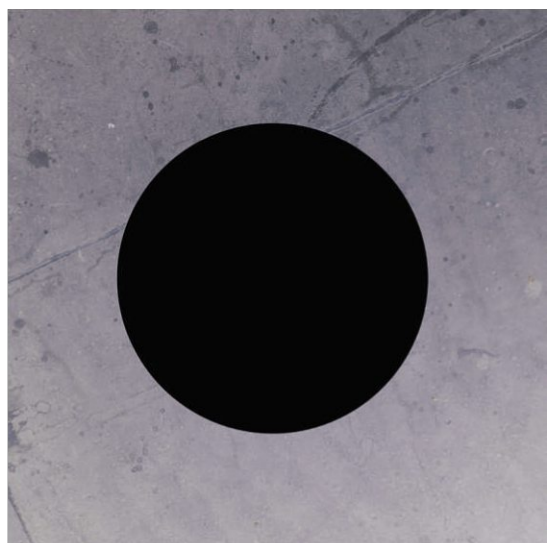
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_034_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_034_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_034_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_034_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_034.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -193168.89491$

$Y = 159274.52619$

$Z = 1963.82503$



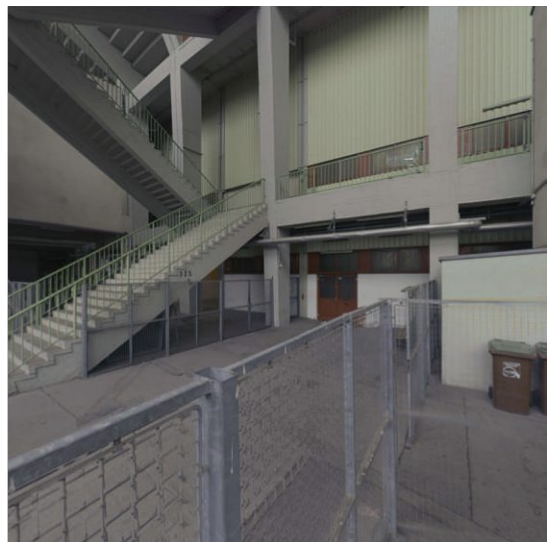
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_035_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_035_1.jpeg



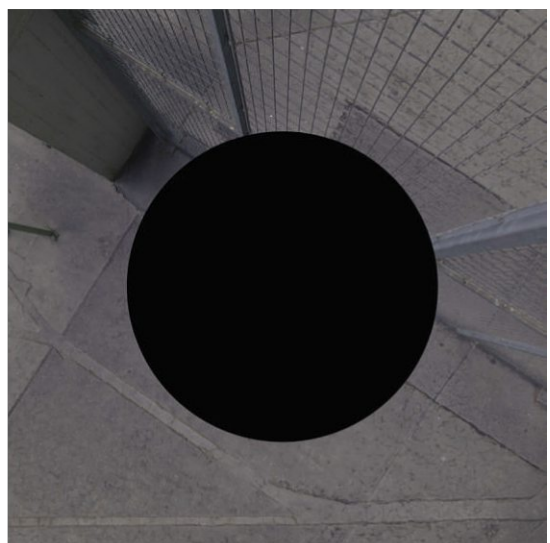
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_035_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_035_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_035_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_035_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_035.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -202676.22153

Y = 159048.37361

Z = 1912.93813



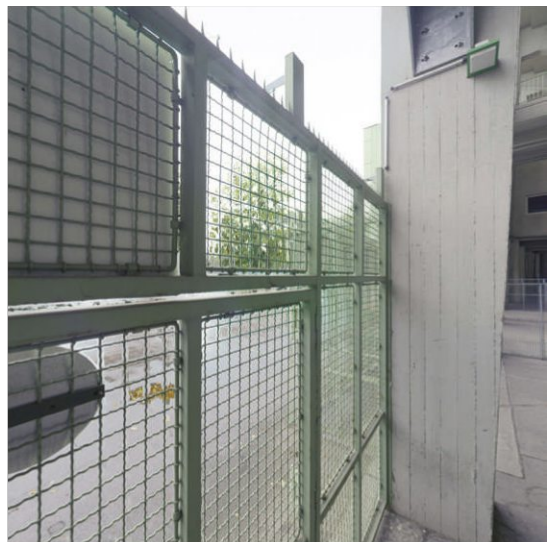
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_036_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_036_1.jpeg



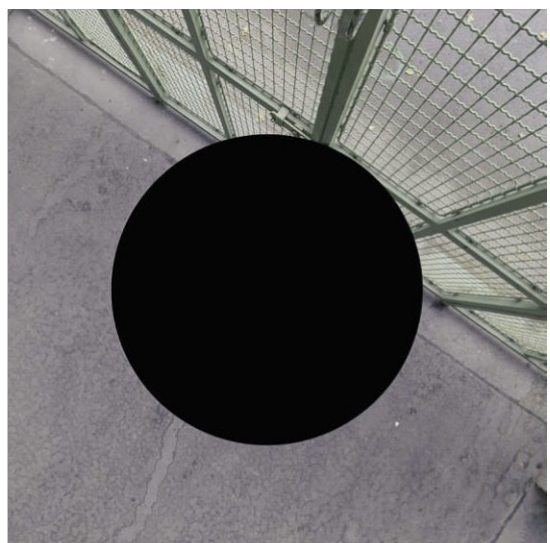
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_036_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_036_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_036_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_036_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_036.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

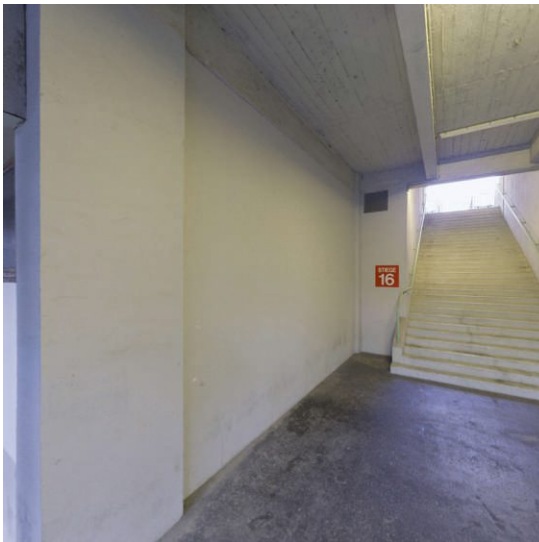
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -199097.2065

Y = 146486.04129

Z = 2112.22931



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_037_0.jpeg



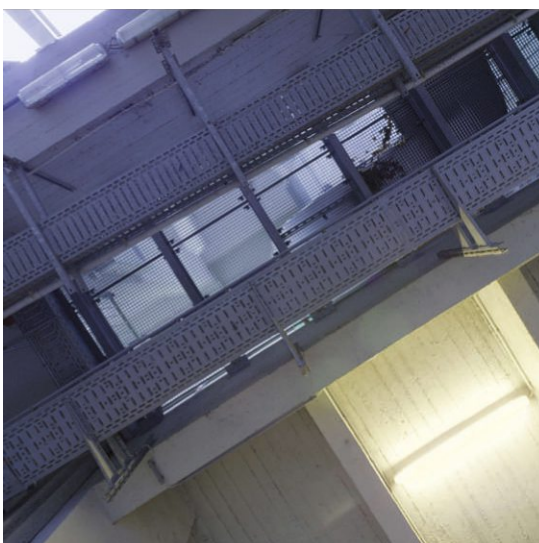
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_037_1.jpeg



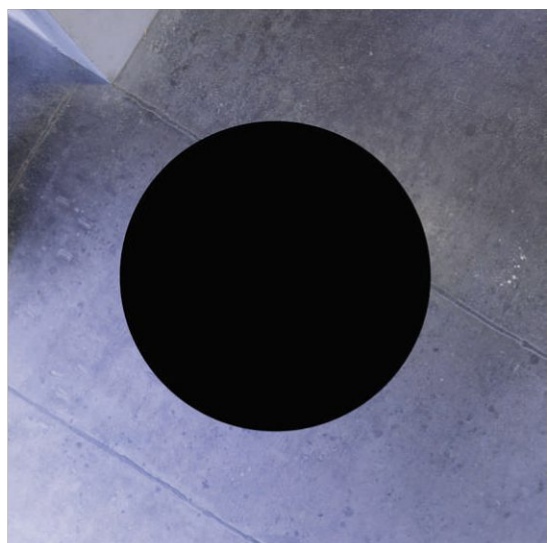
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_037_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_037_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_037_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_037_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_037.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

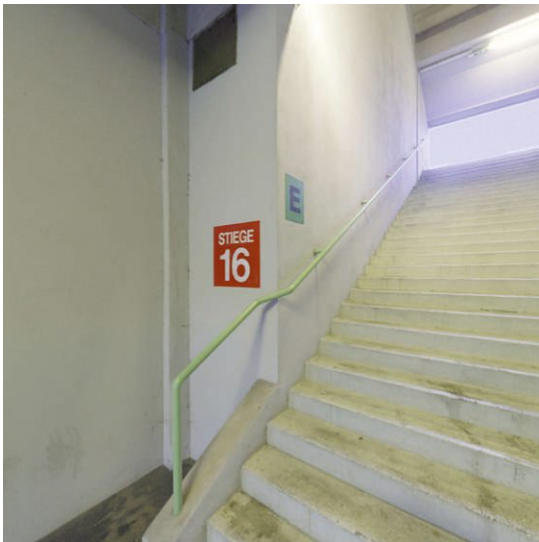
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -198197.38858

Y = 140476.08115

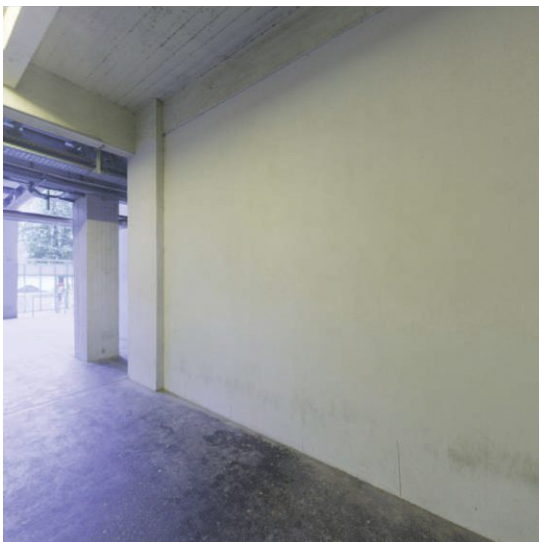
Z = 1876.16892



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_038_0.jpeg



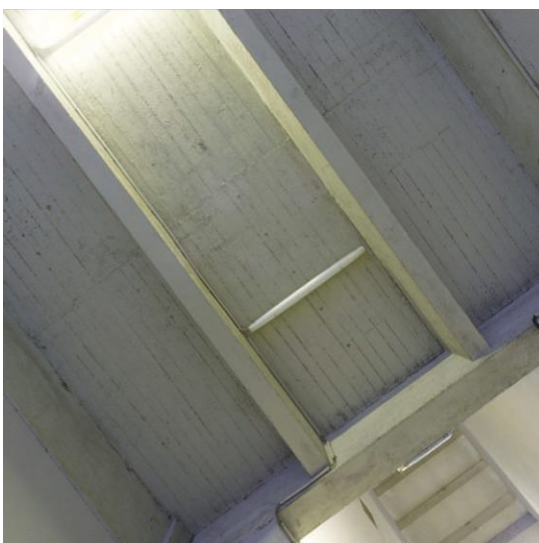
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_038_1.jpeg



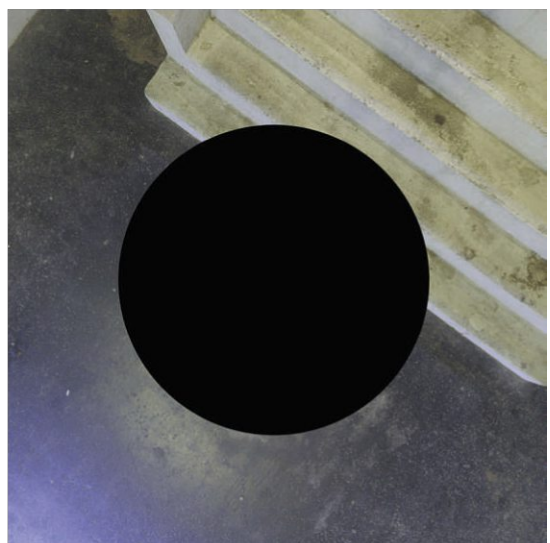
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_038_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_038_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_038_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_038_5.jpeg

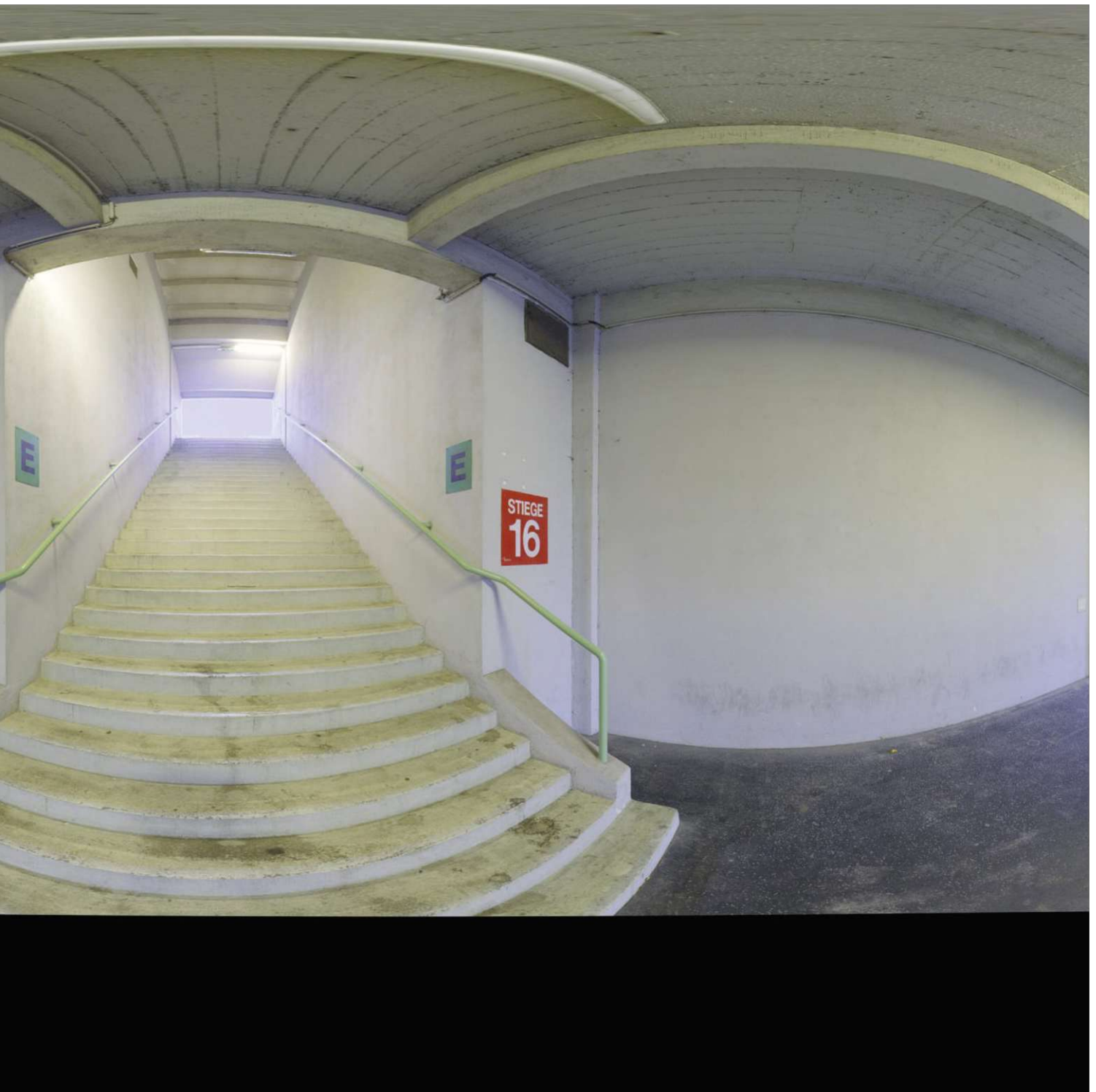
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_038.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

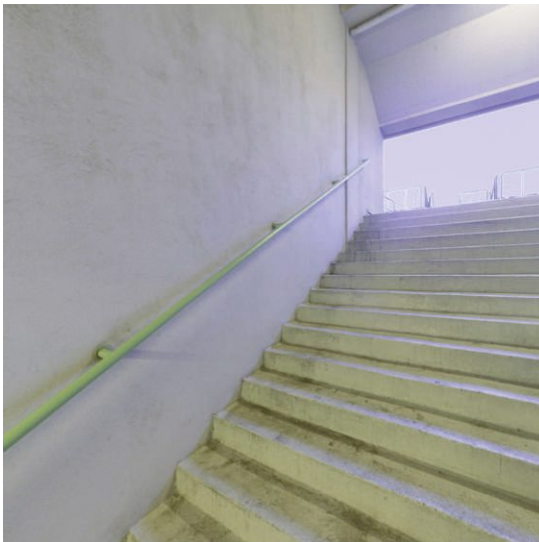
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -197163.0146$

$Y = 135721.75274$

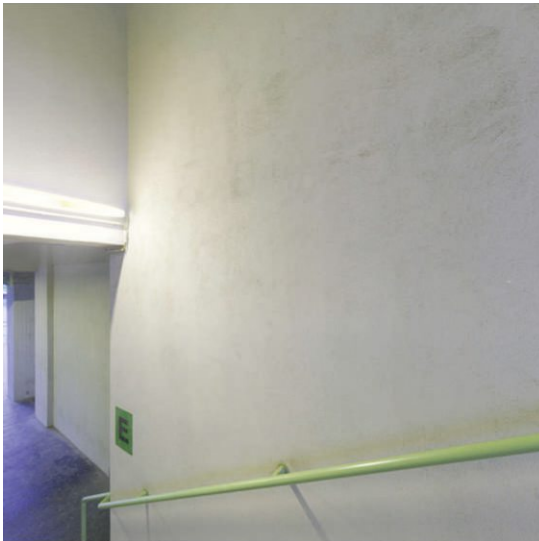
$Z = 4136.5781$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_039_0.jpeg



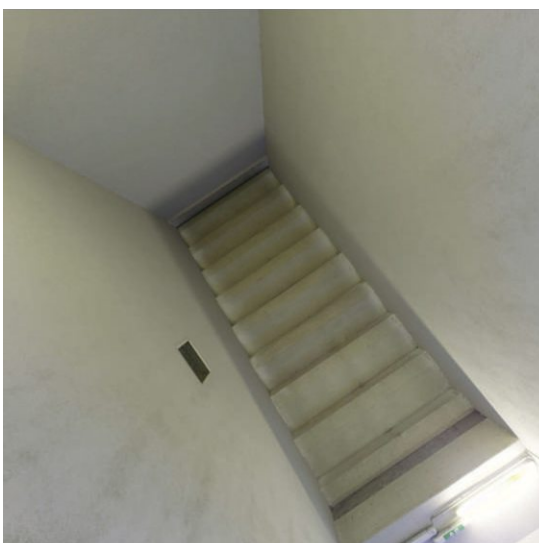
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_039_1.jpeg



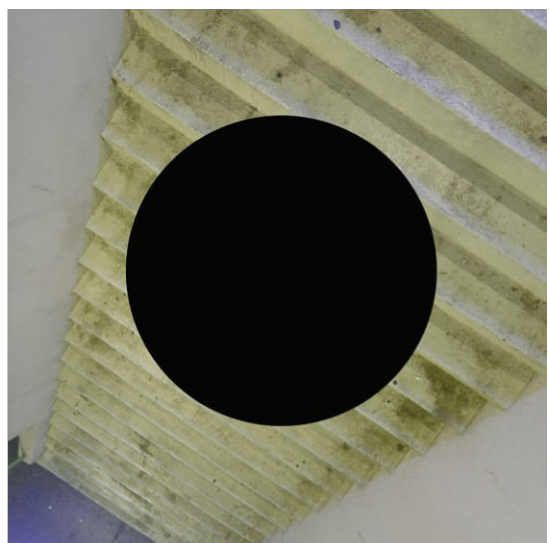
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_039_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_039_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_039_4.jpeg

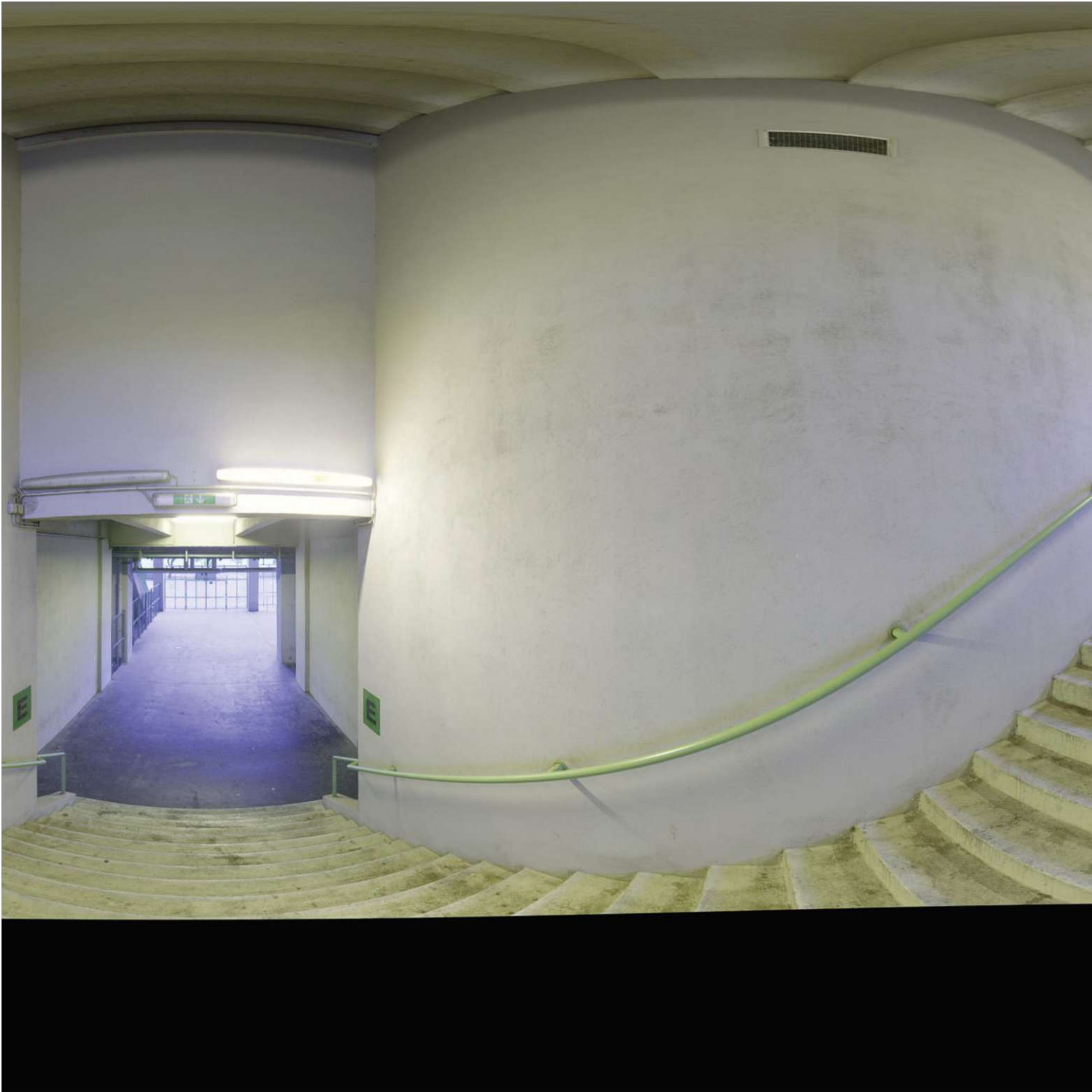


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_039_5.jpeg

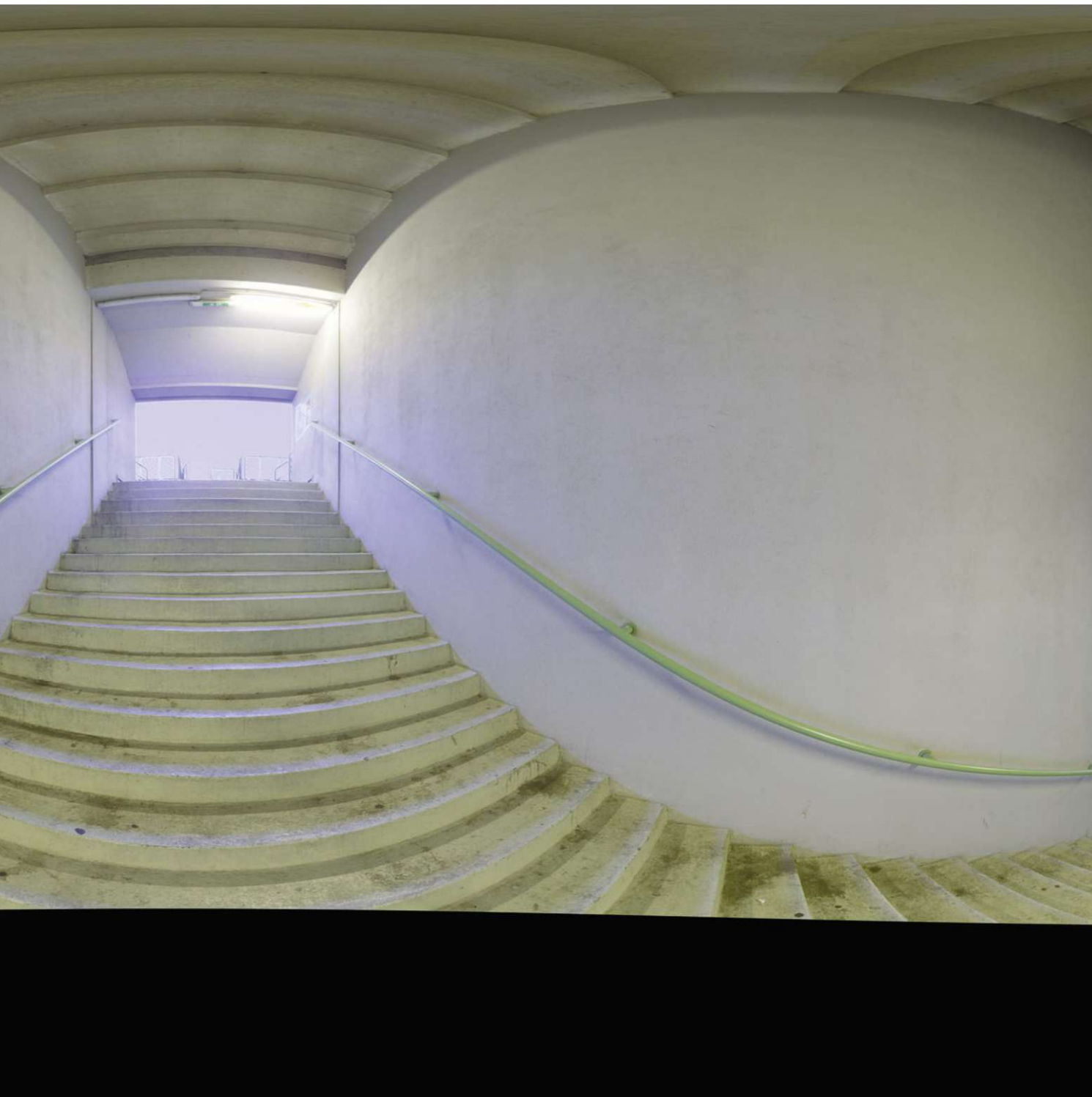
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_039.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -196114.15213

Y = 131003.19075

Z = 6542.82062



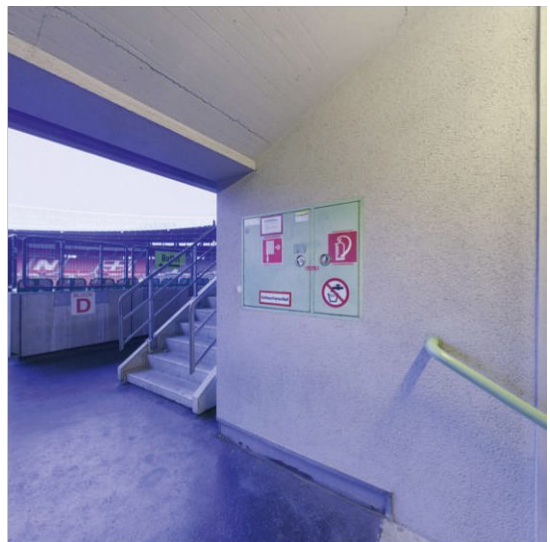
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_040_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_040_1.jpeg



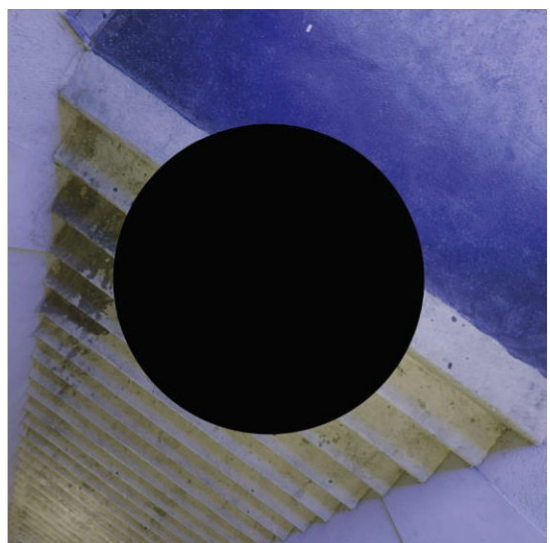
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_040_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_040_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_040_4.jpeg

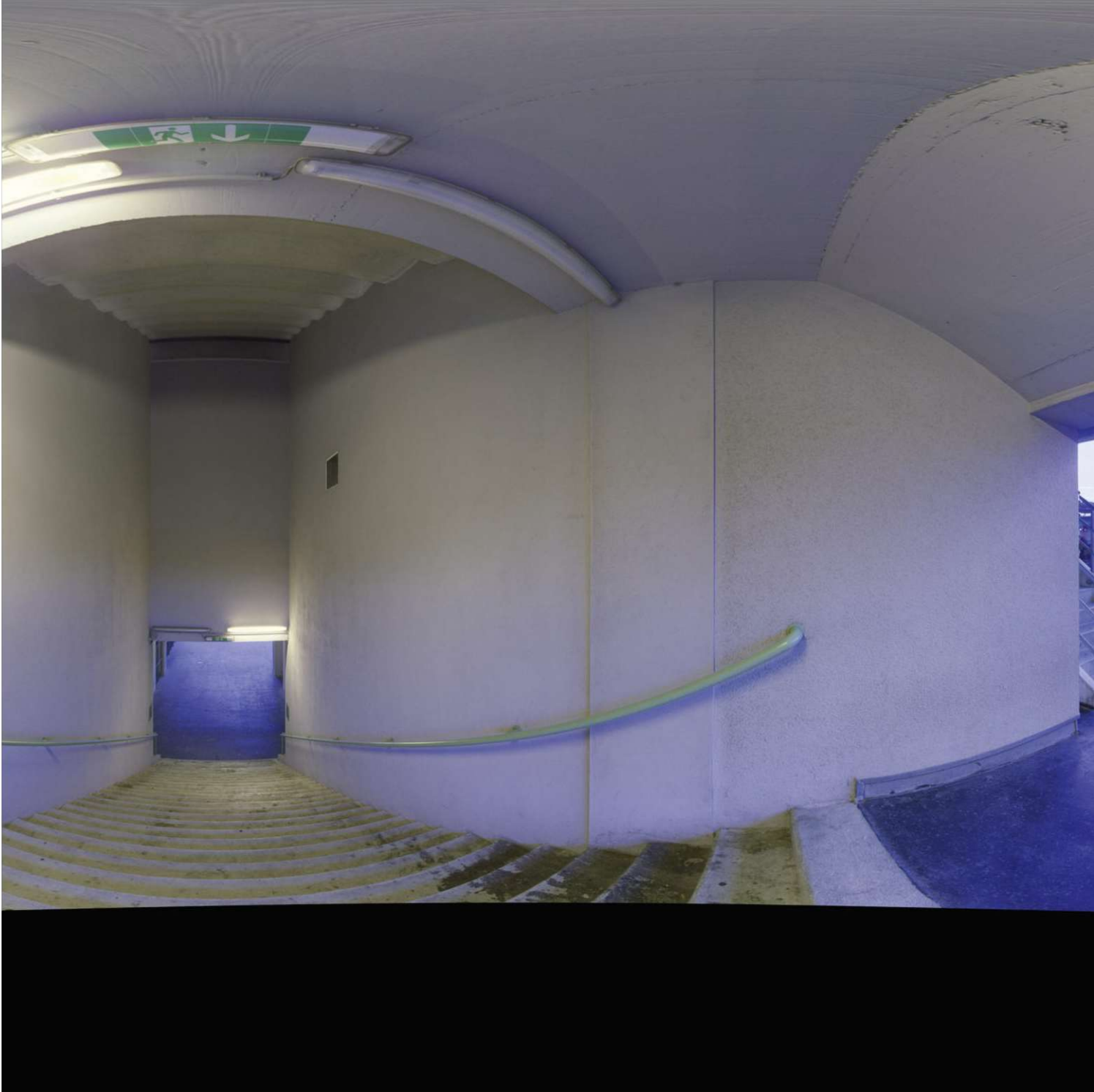


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_040_5.jpeg

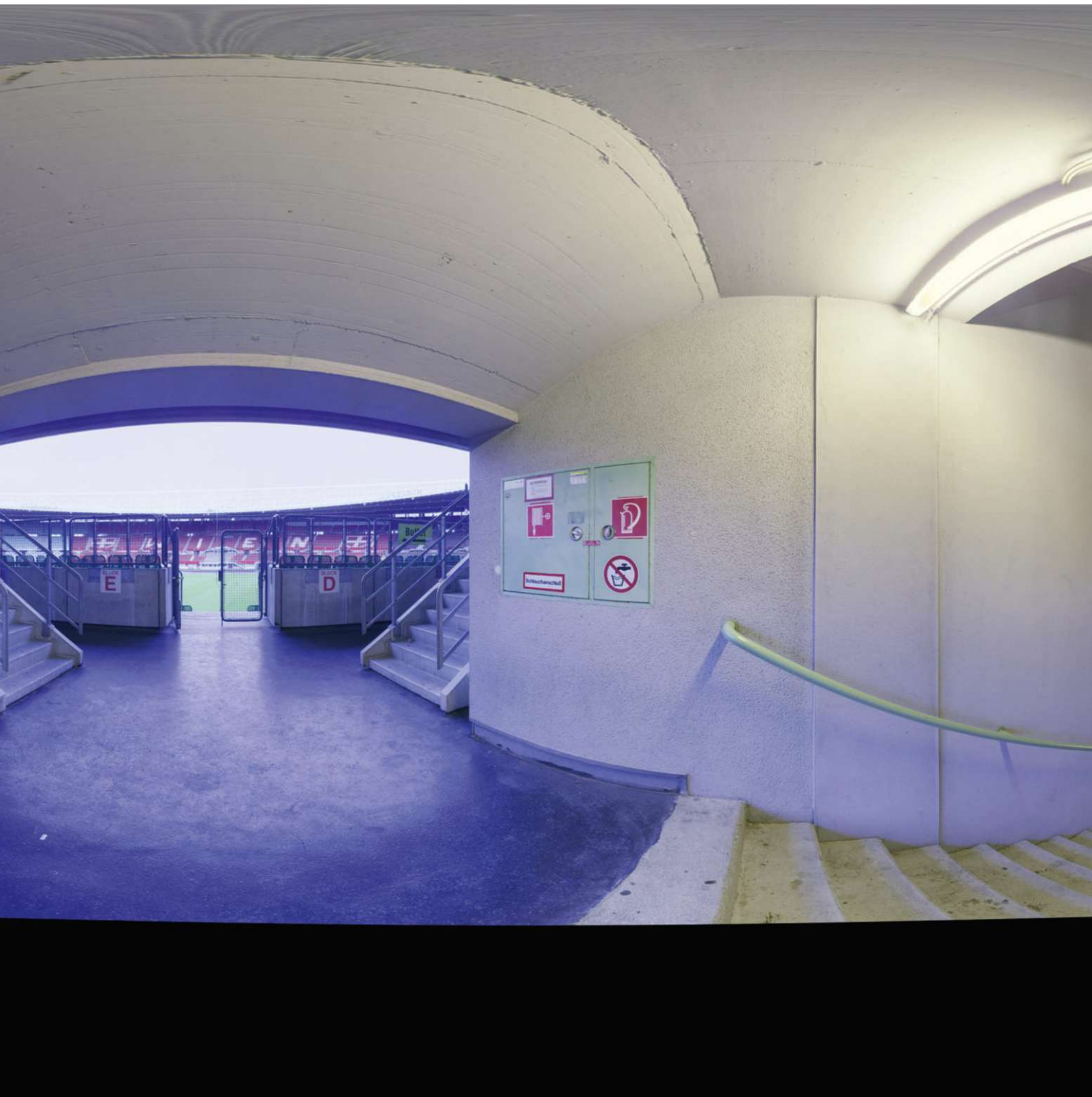
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_040.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -195465.66512

Y = 128793.99032

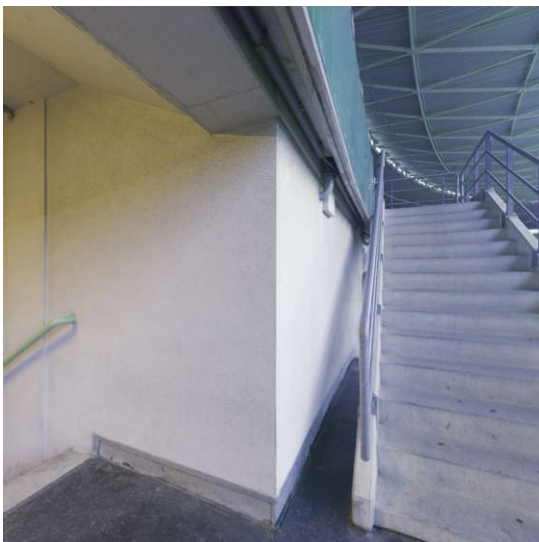
Z = 6512.8218



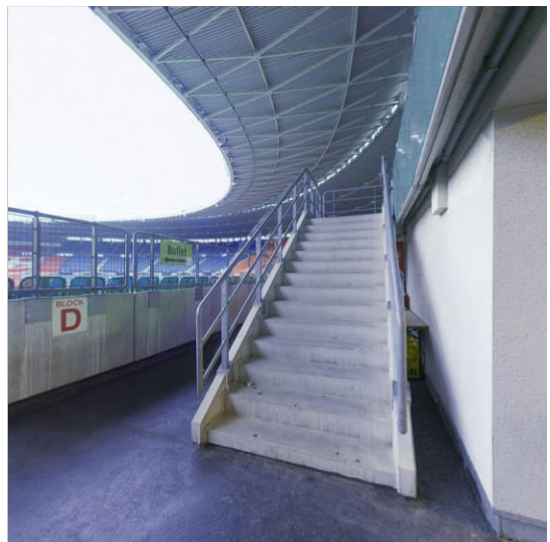
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_041_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_041_1.jpeg



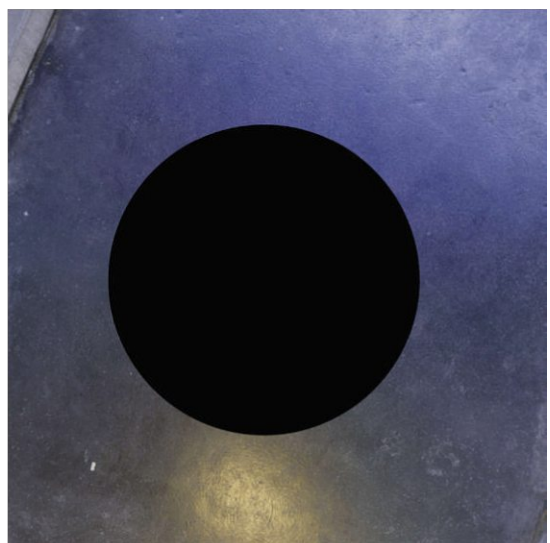
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_041_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_041_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_041_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_041_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_041.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -191947.7382

Y = 155648.28771

Z = 2013.70367



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_042_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_042_1.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_042_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_042_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_042_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_042_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_042.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -184888.51031

Y = 160154.28144

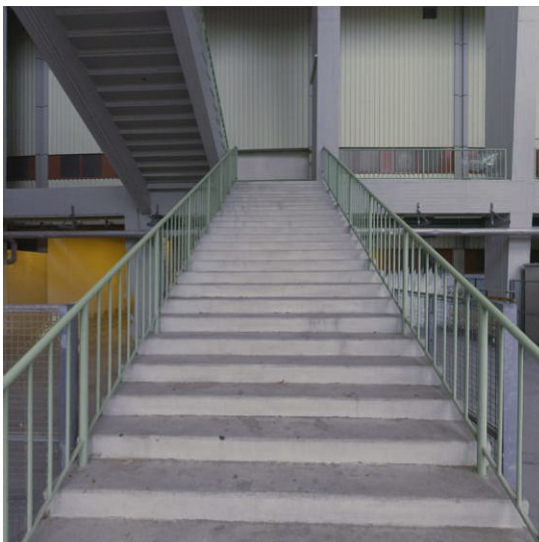
Z = 1971.91301



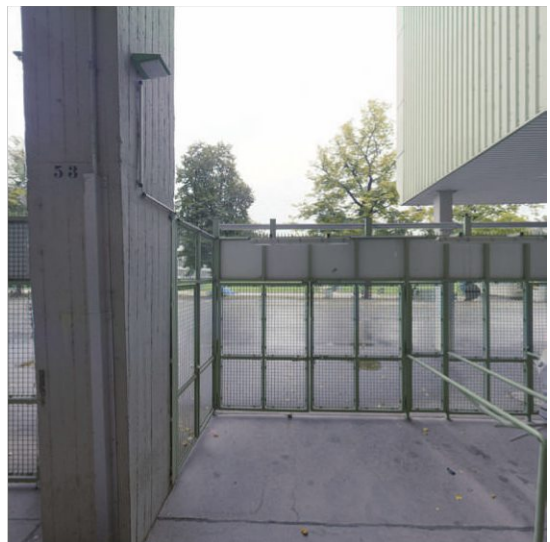
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_043_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_043_1.jpeg



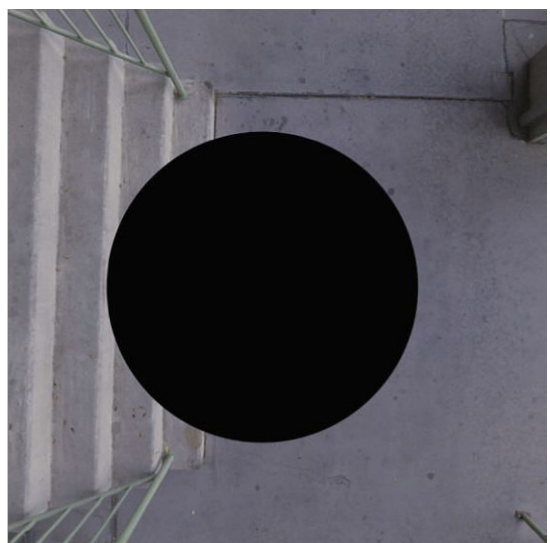
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_043_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_043_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_043_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_043_5.jpeg

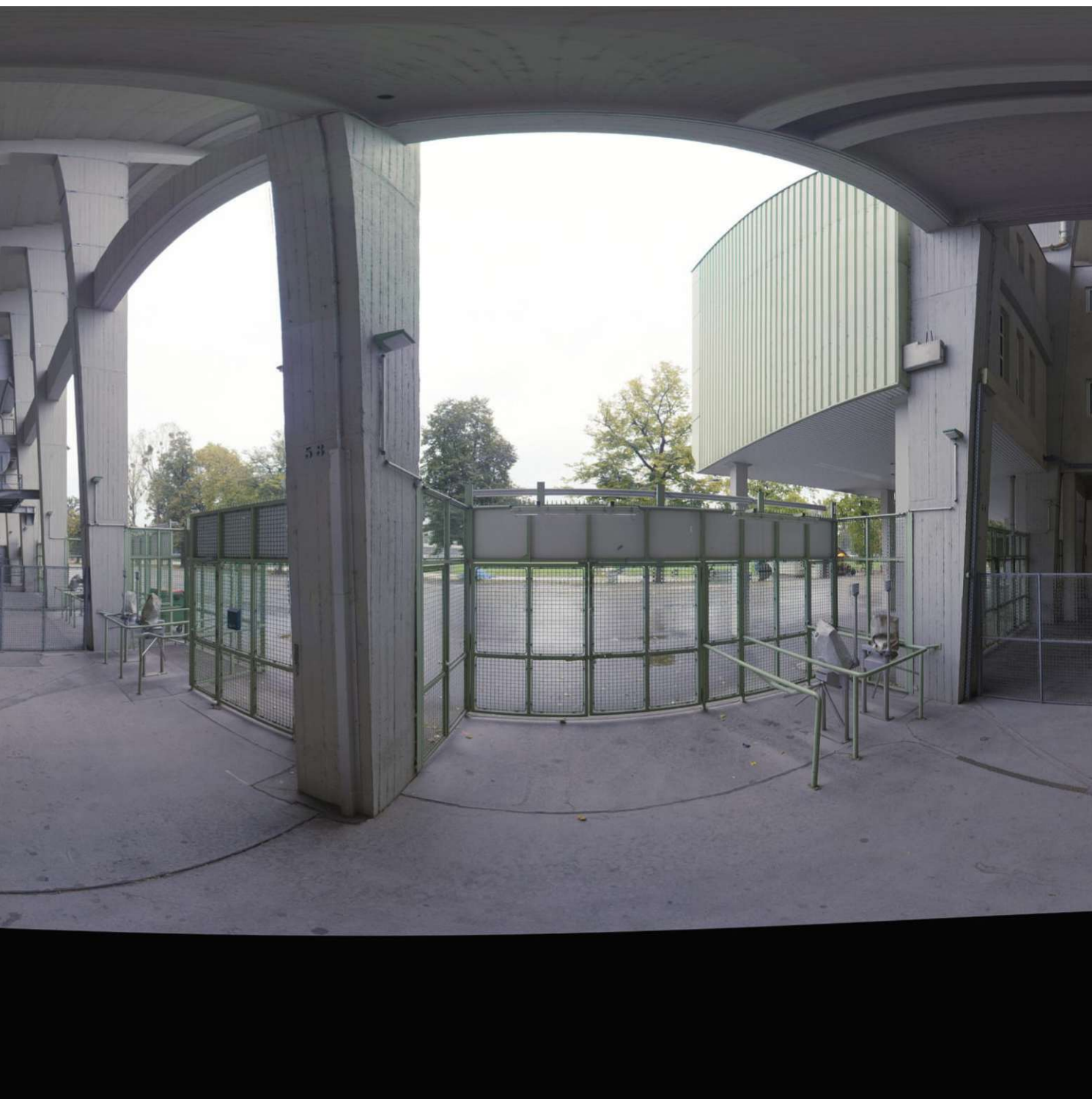
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_043.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -189197.19252

Y = 148680.41971

Z = 2092.31651



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_044_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_044_1.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_044_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_044_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_044_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_044_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_044.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -148313.6067

Y = -33579.78641

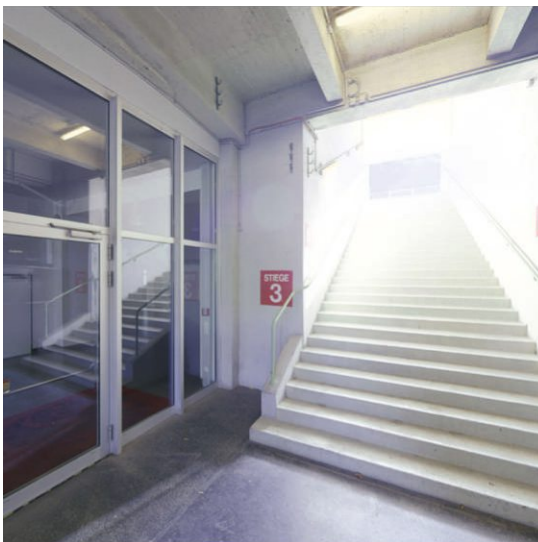
Z = 1898.54455



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_045_0.jpeg



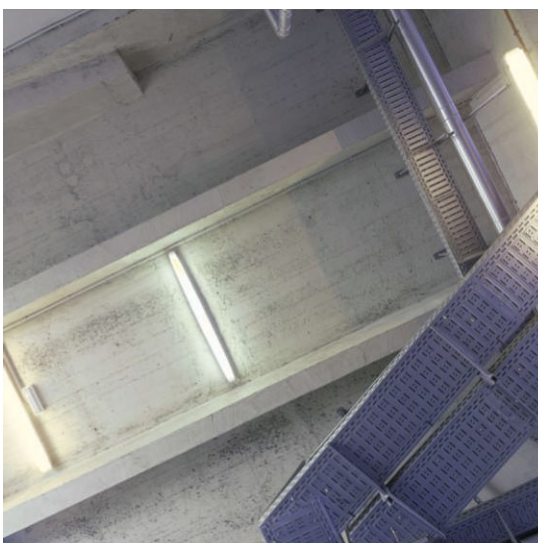
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_045_1.jpeg



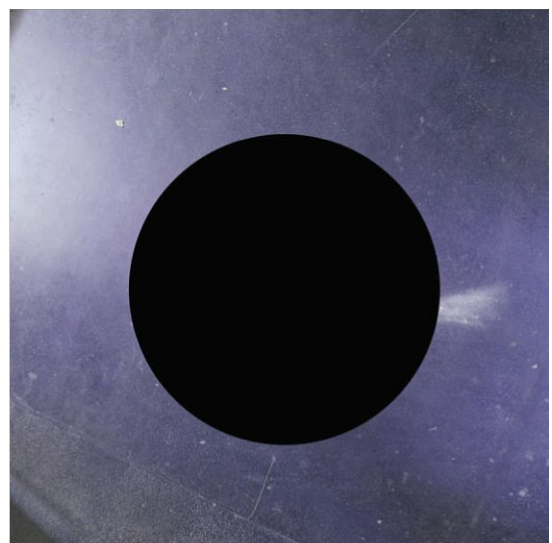
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_045_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_045_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_045_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_045_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_045.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -147274.81746$

$Y = -45163.41174$

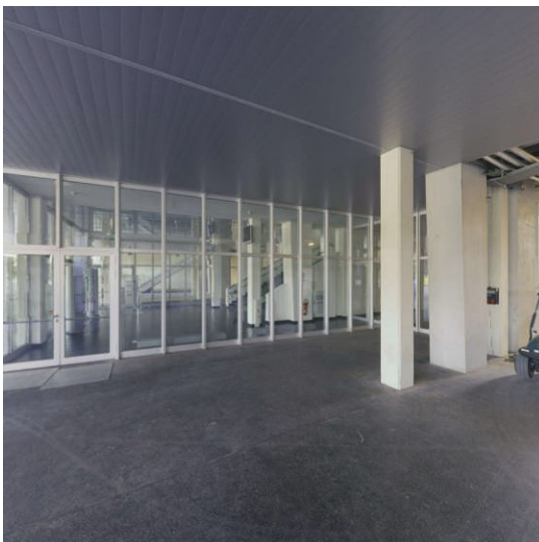
$Z = 1769.01273$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_046_0.jpeg



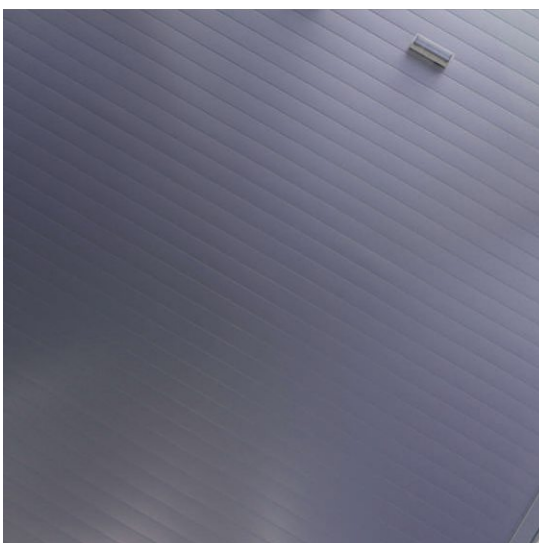
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_046_1.jpeg



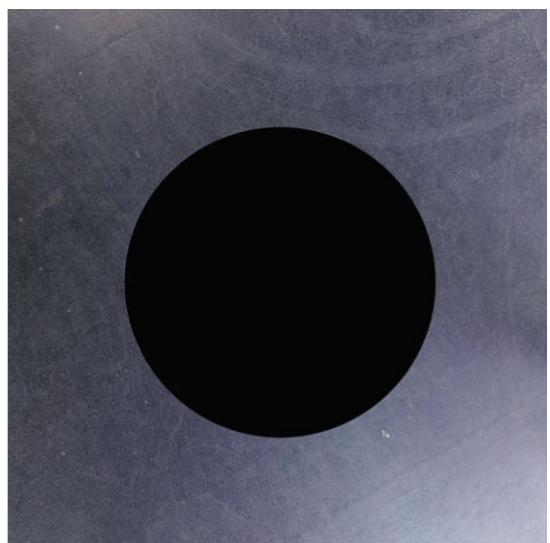
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_046_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_046_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_046_4.jpeg

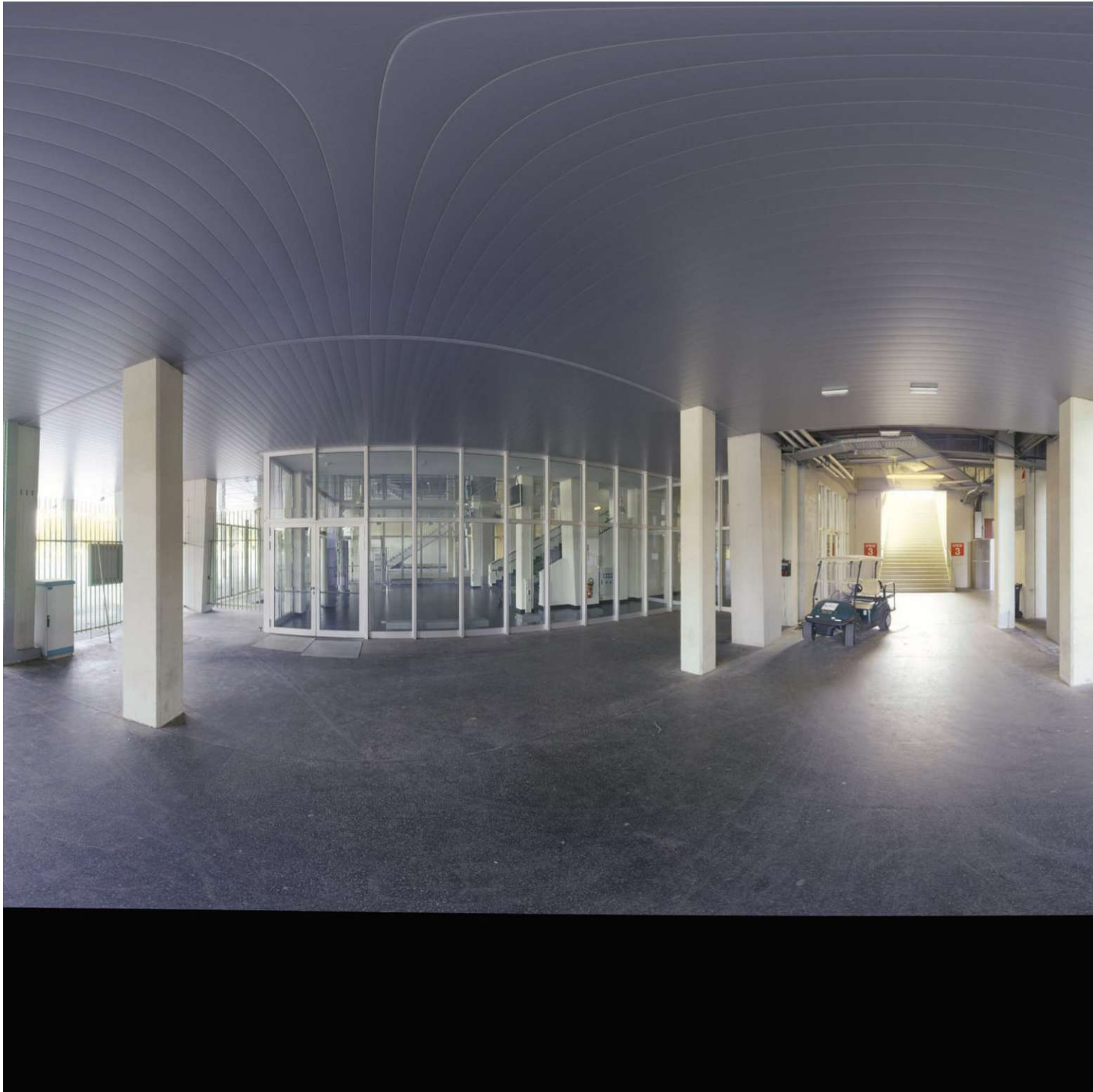


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_046_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_046.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -147380.57441

Y = -51064.9975

Z = 1689.60521



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_047_0.jpeg



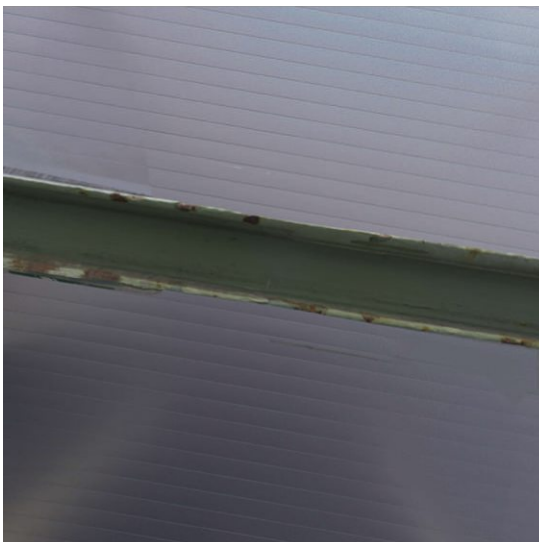
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_047_1.jpeg



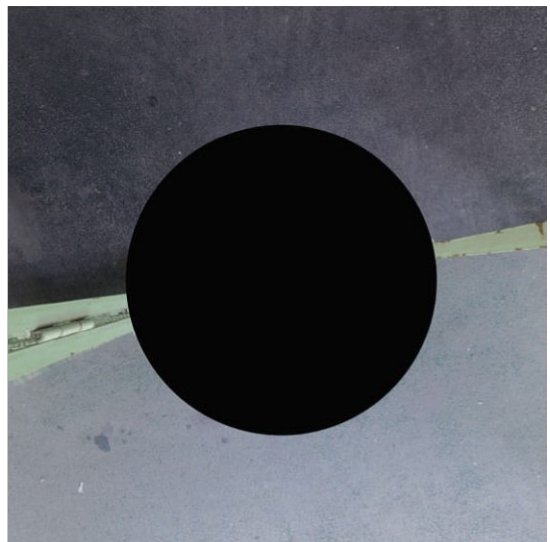
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_047_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_047_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_047_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_047_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_047.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -152589.59598

Y = -48540.37867

Z = 1720.57467



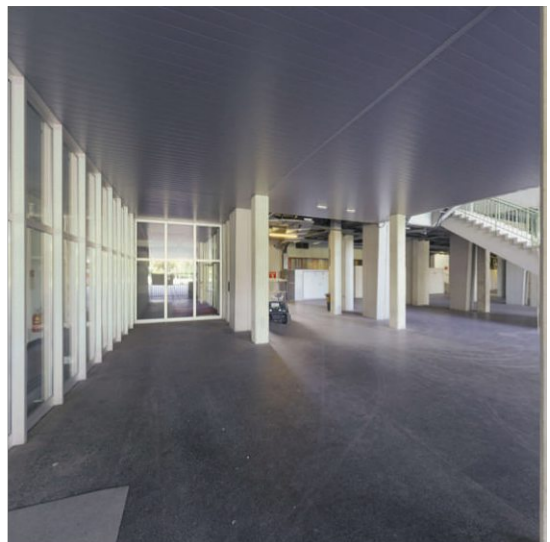
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_048_0.jpeg



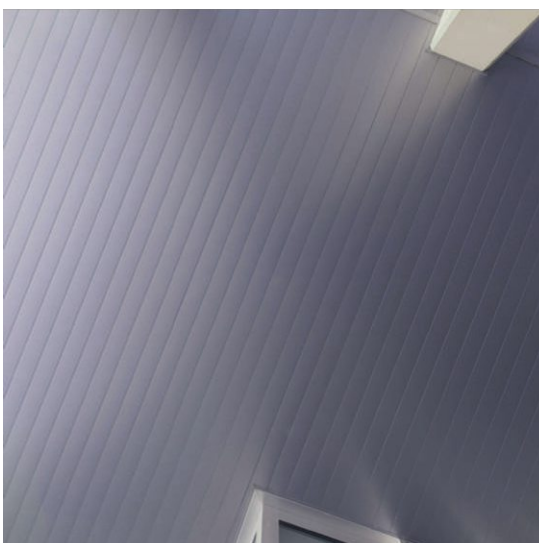
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_048_1.jpeg



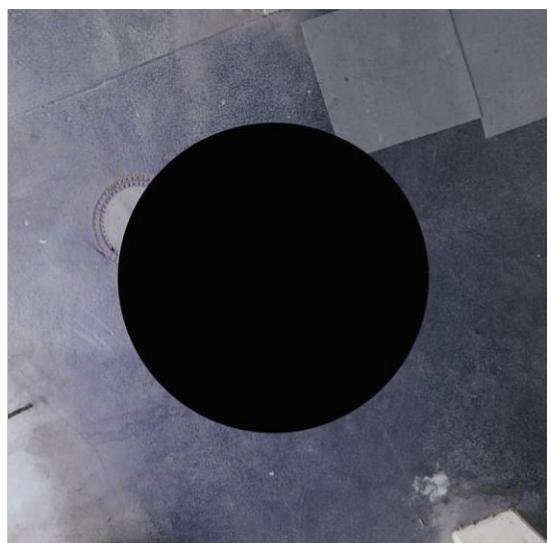
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_048_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_048_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_048_4.jpeg

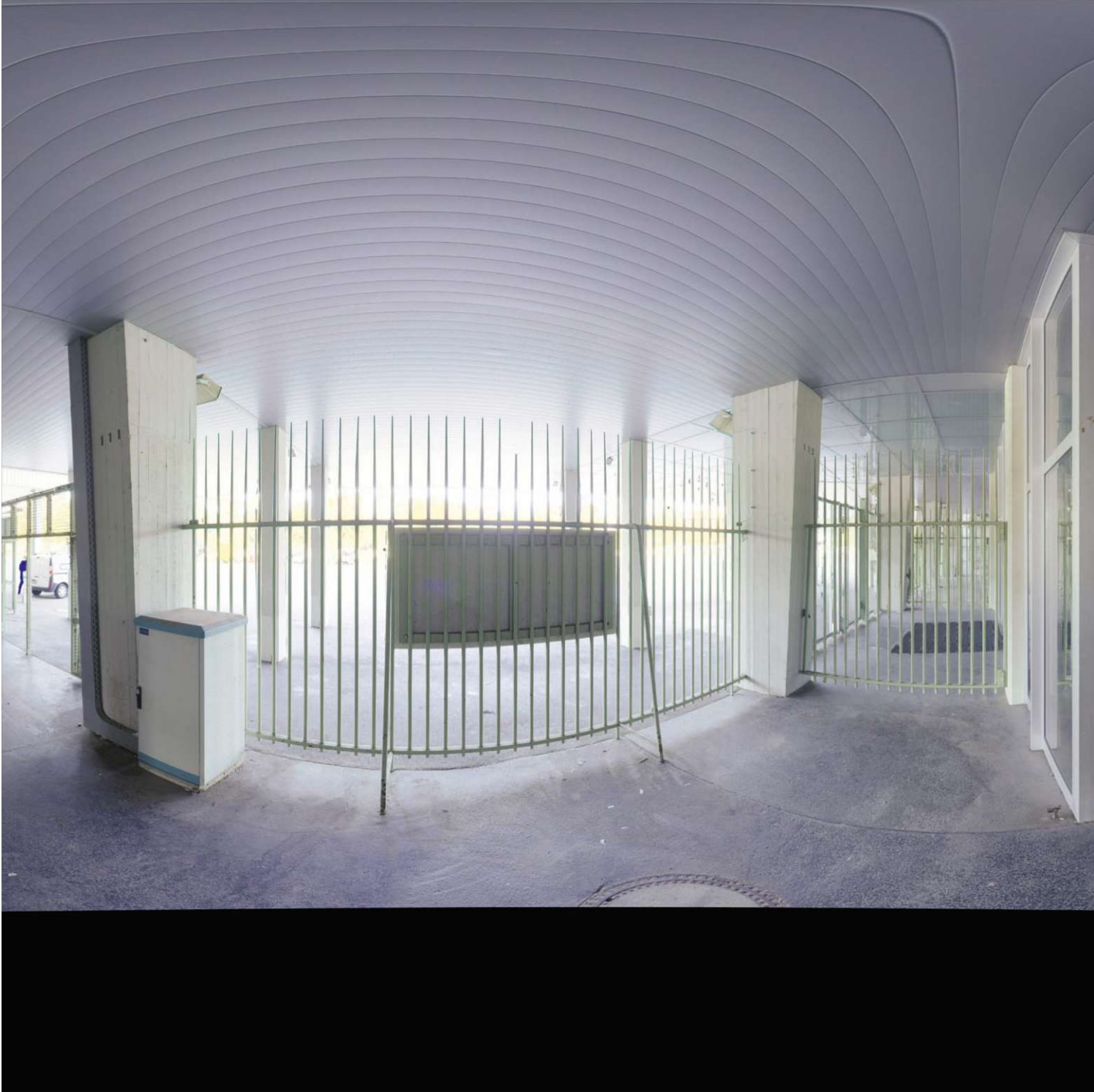


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_048_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_048.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -142620.17281

Y = -45568.85461

Z = 1998.74754



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_049_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_049_1.jpeg



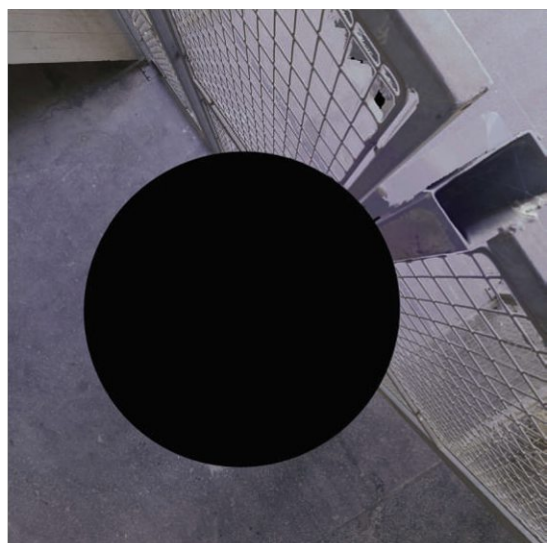
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_049_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_049_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_049_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_049_5.jpeg

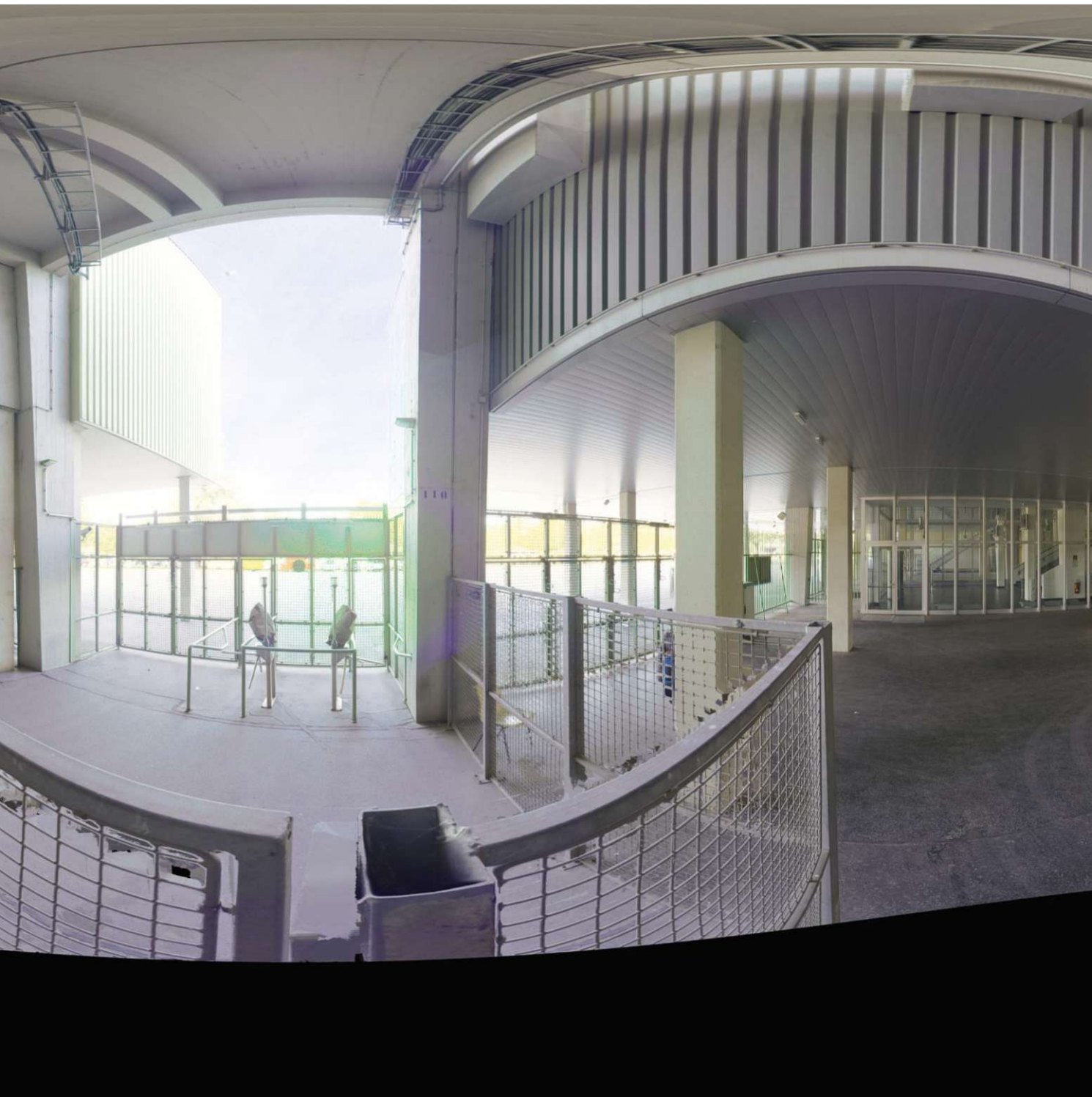
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_049.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

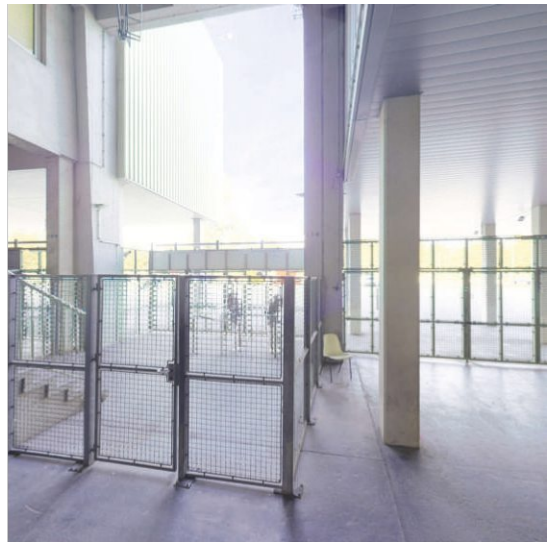
X = -144329.38349

Y = -43496.35705

Z = 1791.20108



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_050_0.jpeg



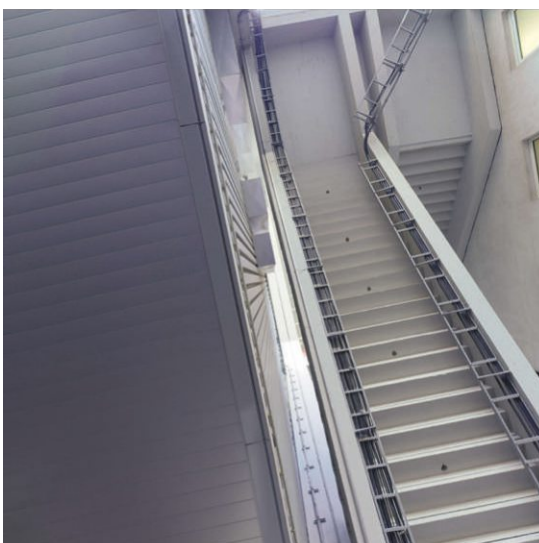
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_050_1.jpeg



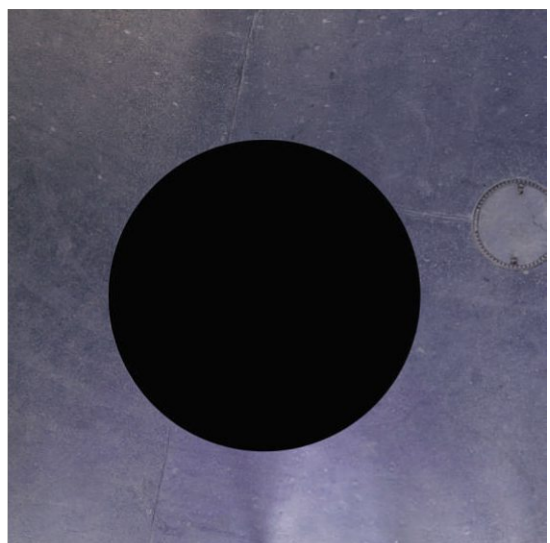
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_050_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_050_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_050_4.jpeg

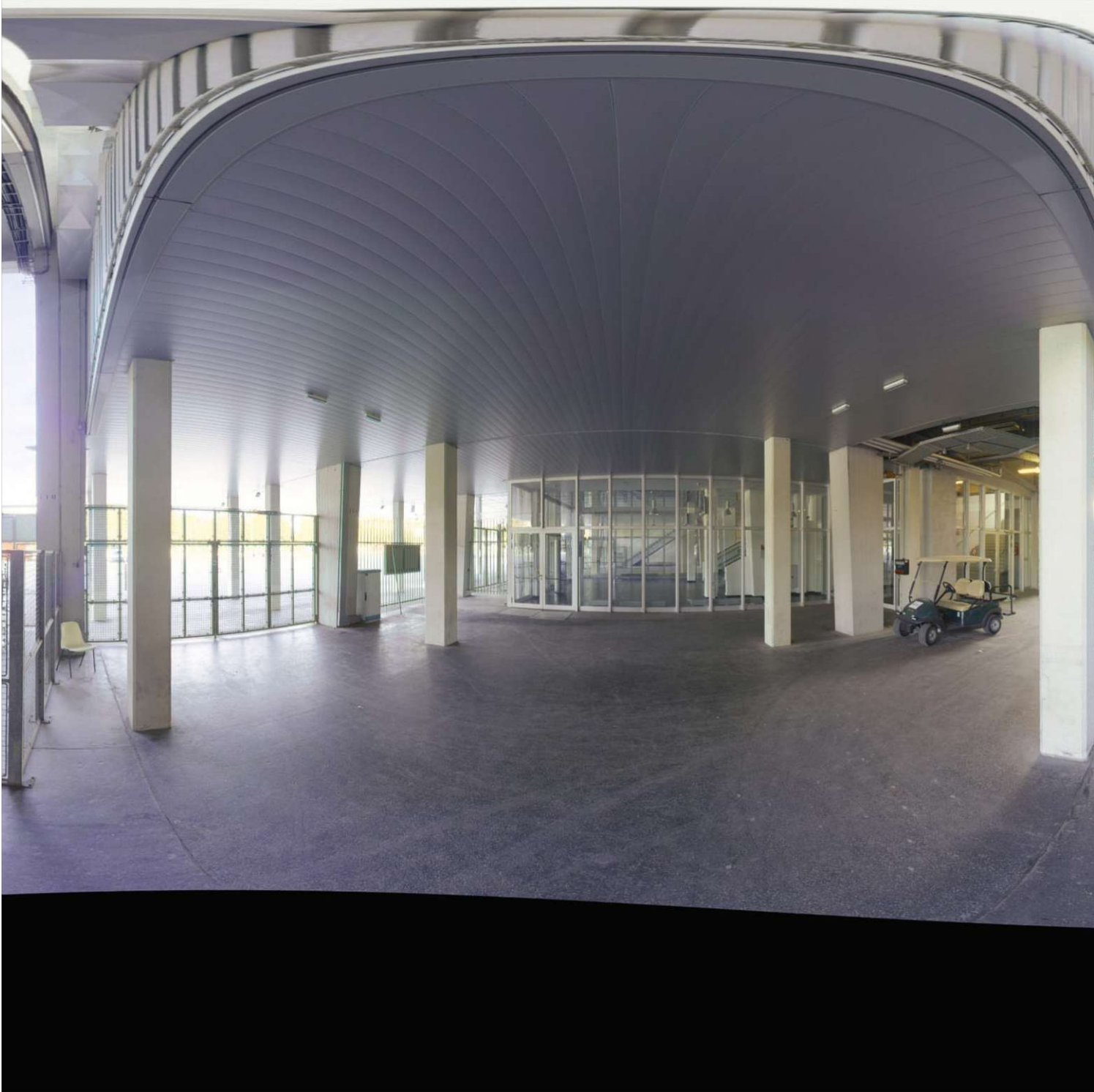


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_050_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_050.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

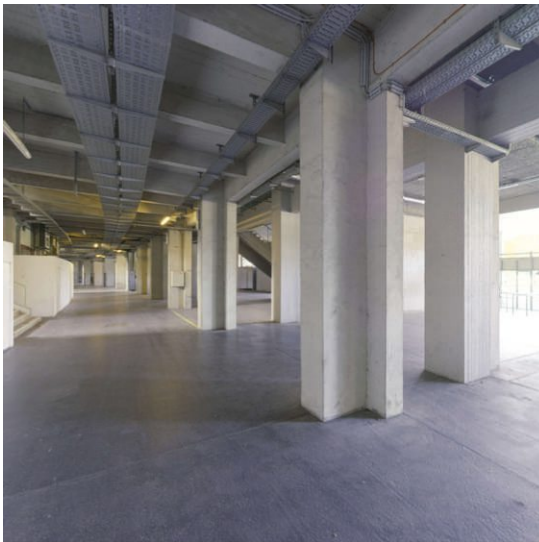
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -136305.94725

Y = -32160.35659

Z = 1721.77983



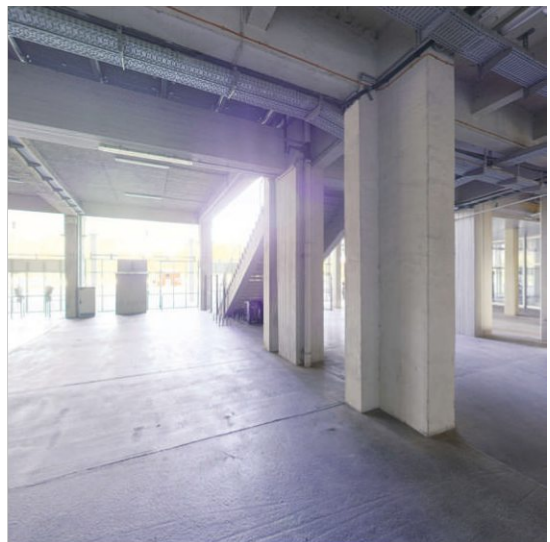
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_051_0.jpeg



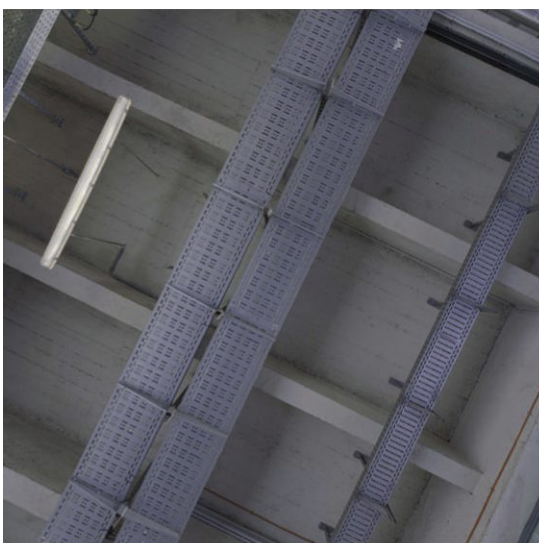
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_051_1.jpeg



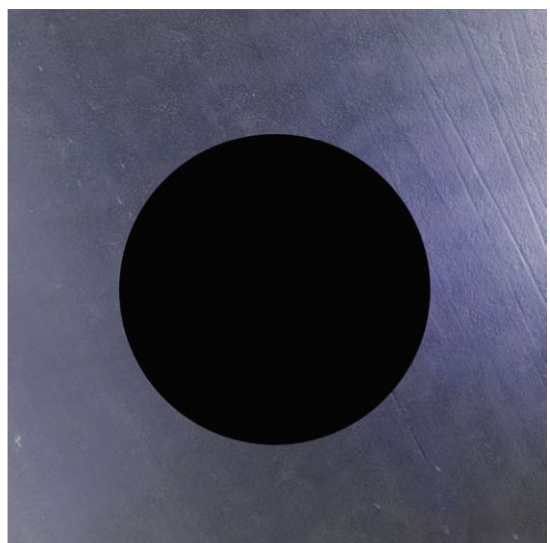
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_051_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_051_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_051_4.jpeg

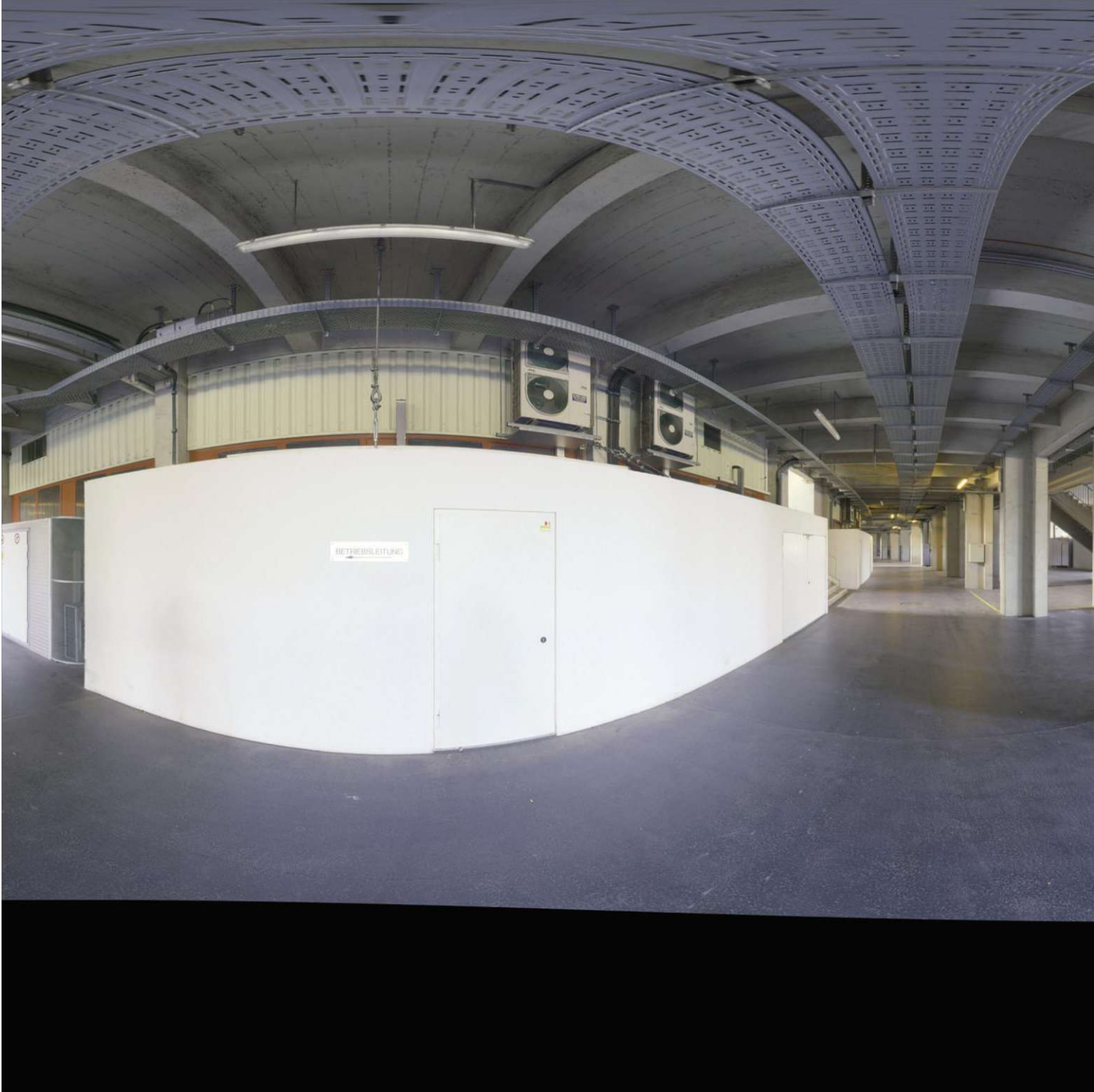


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_051_5.jpeg

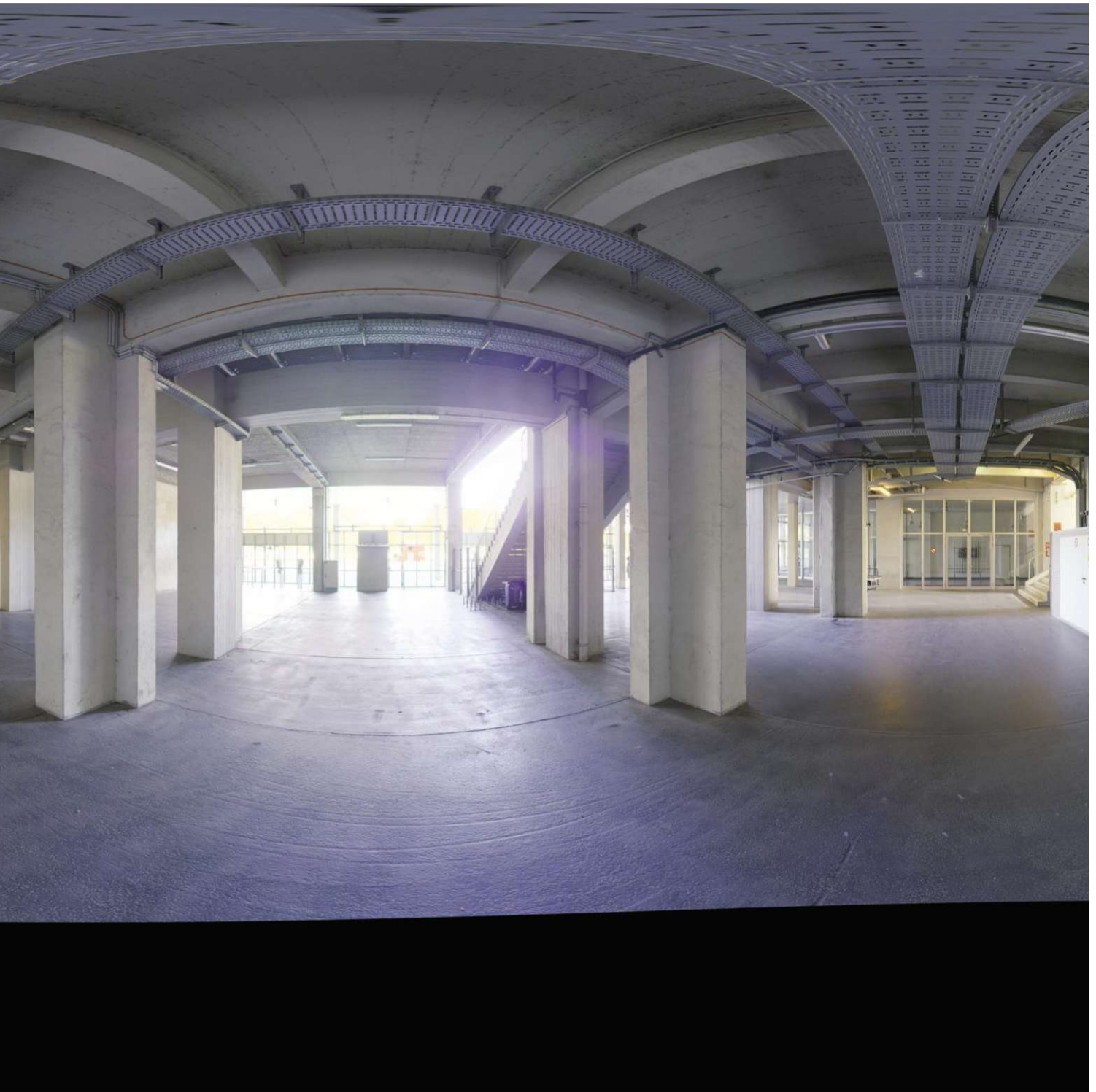
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_051.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -133789.58701

Y = -43645.28218

Z = 1555.28963



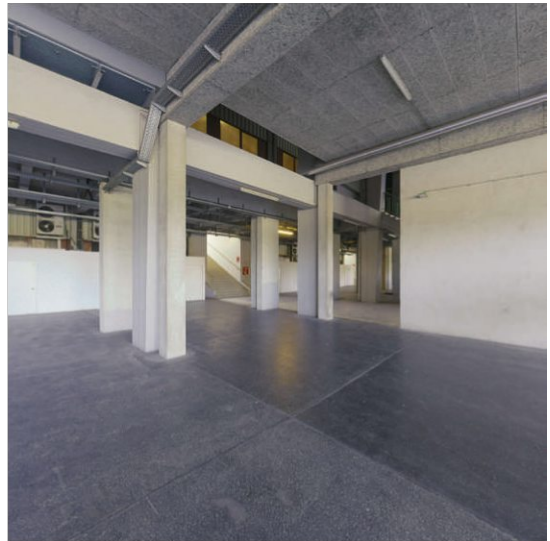
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_052_0.jpeg



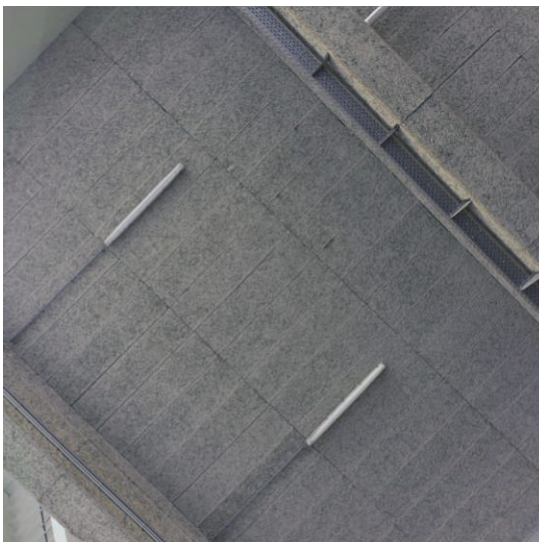
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_052_1.jpeg



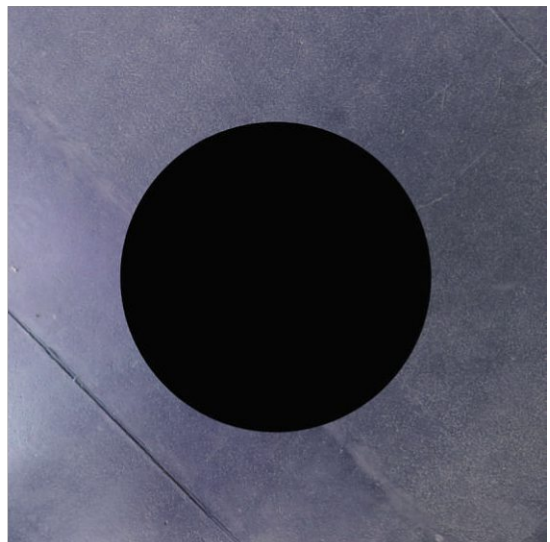
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_052_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_052_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_052_4.jpeg

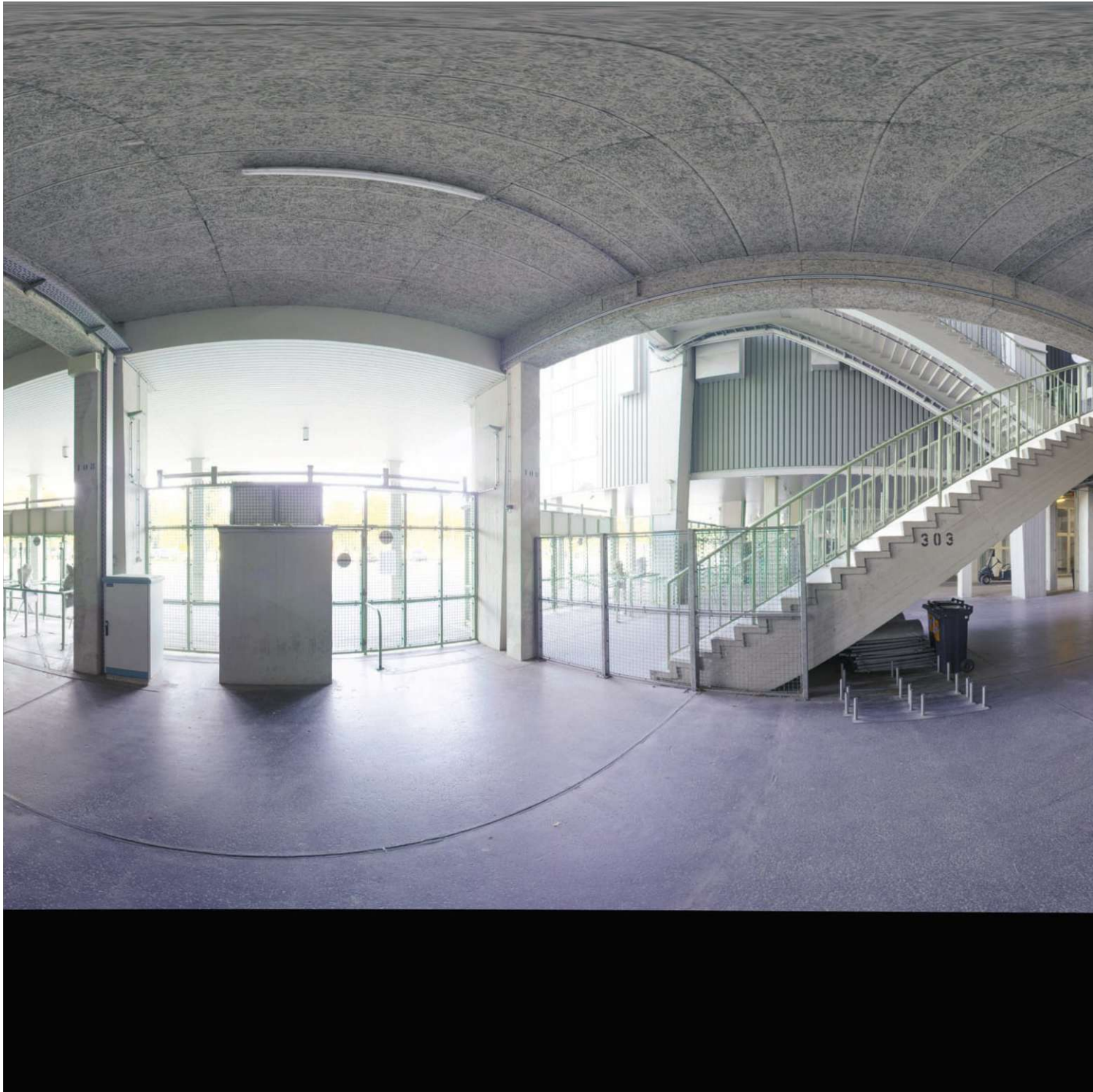


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_052_5.jpeg

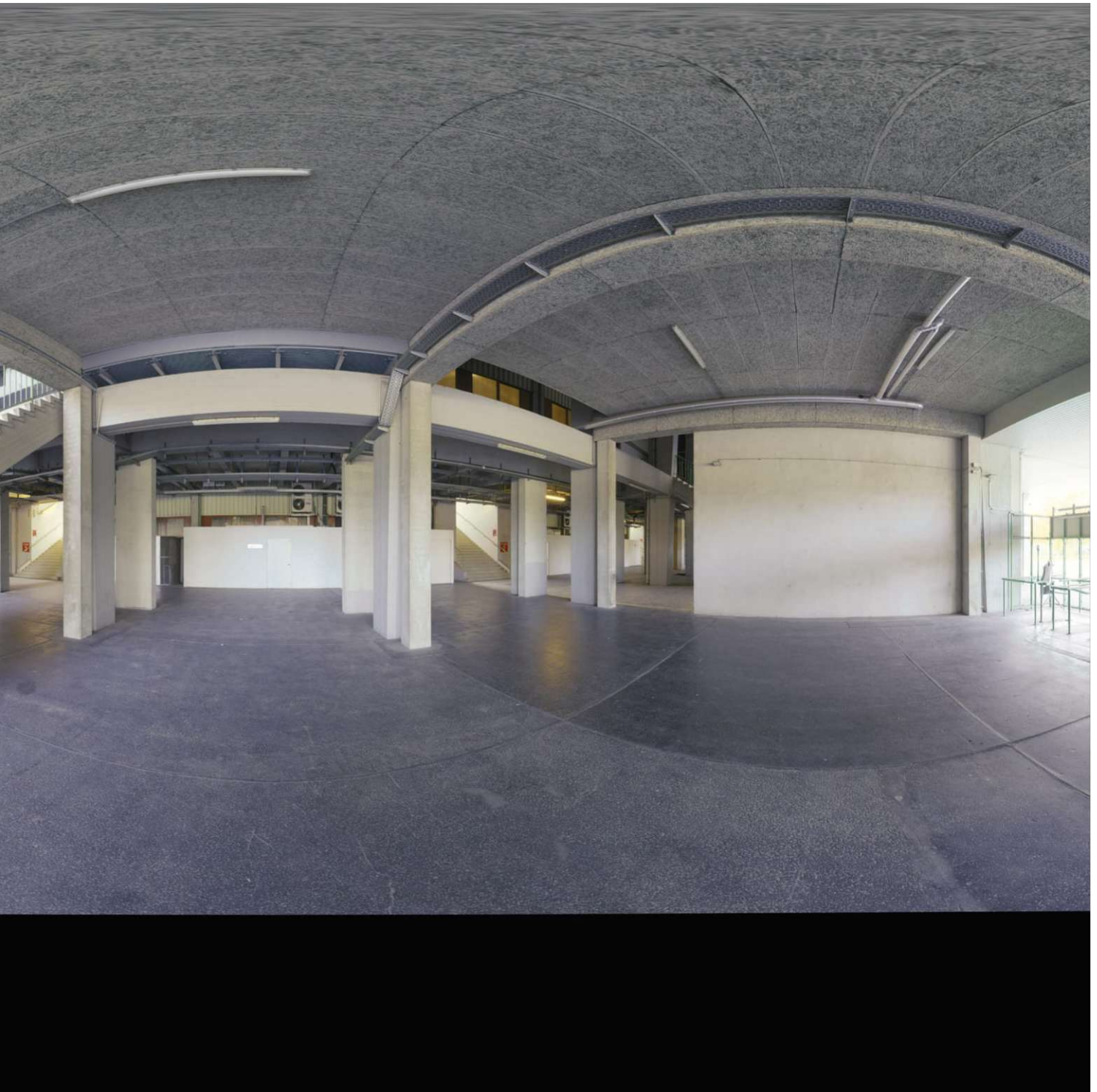
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_052.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -130584.79931$

$Y = -35306.55262$

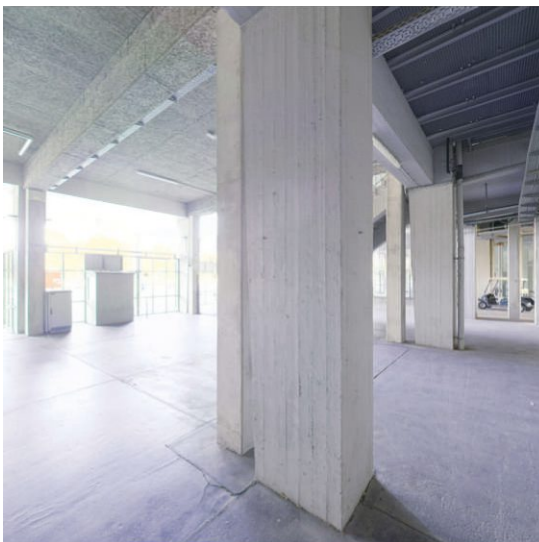
$Z = 1698.1432$



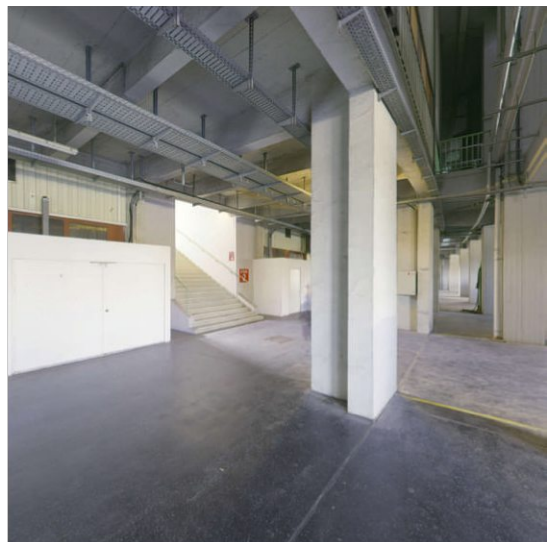
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_053_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_053_1.jpeg



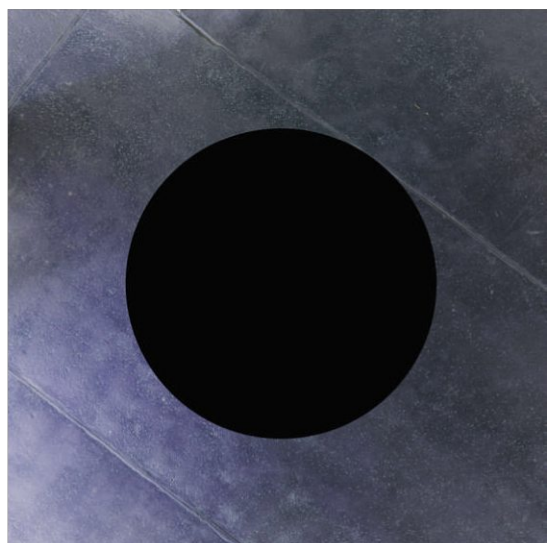
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_053_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_053_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_053_4.jpeg

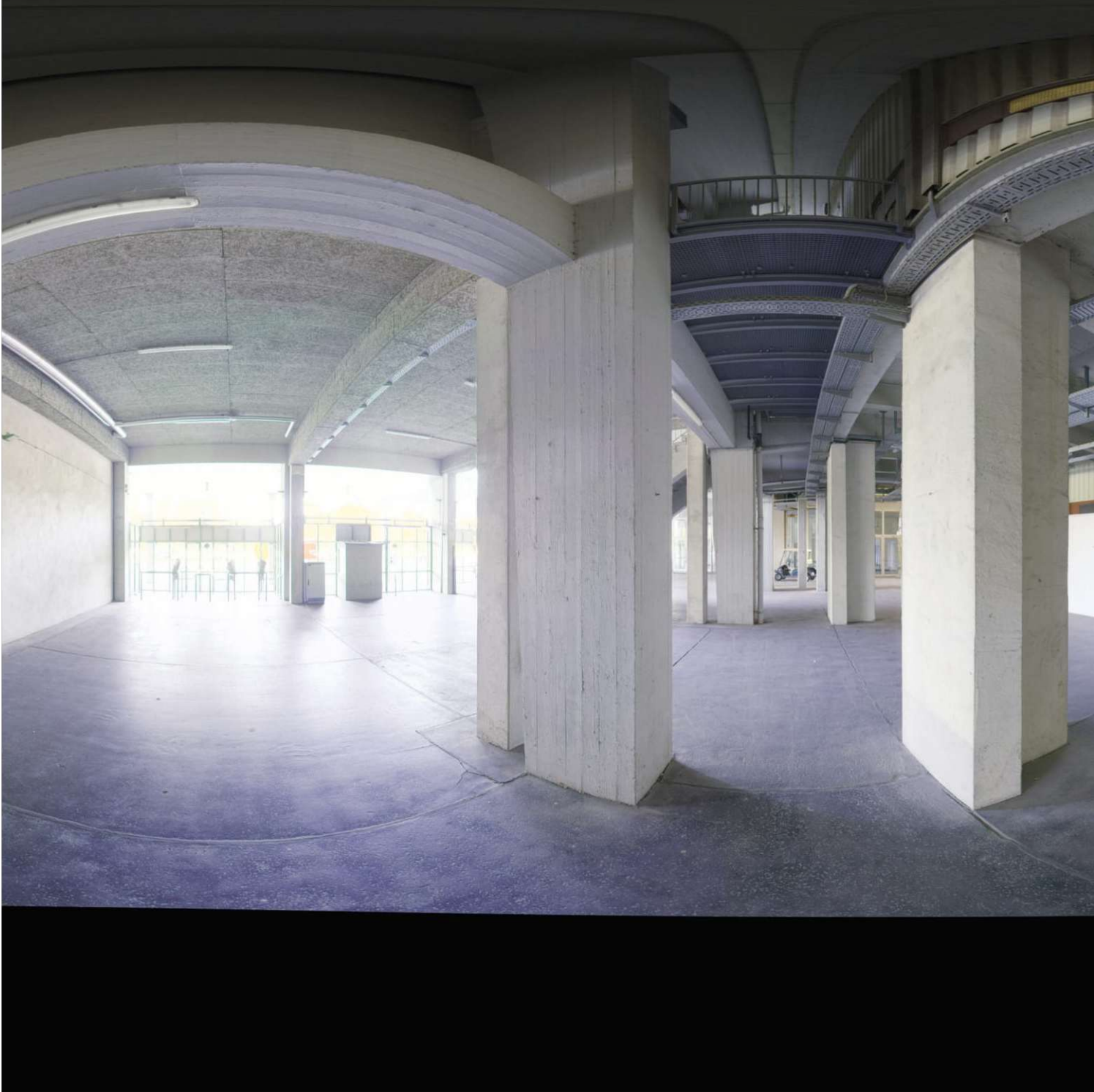


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_053_5.jpeg

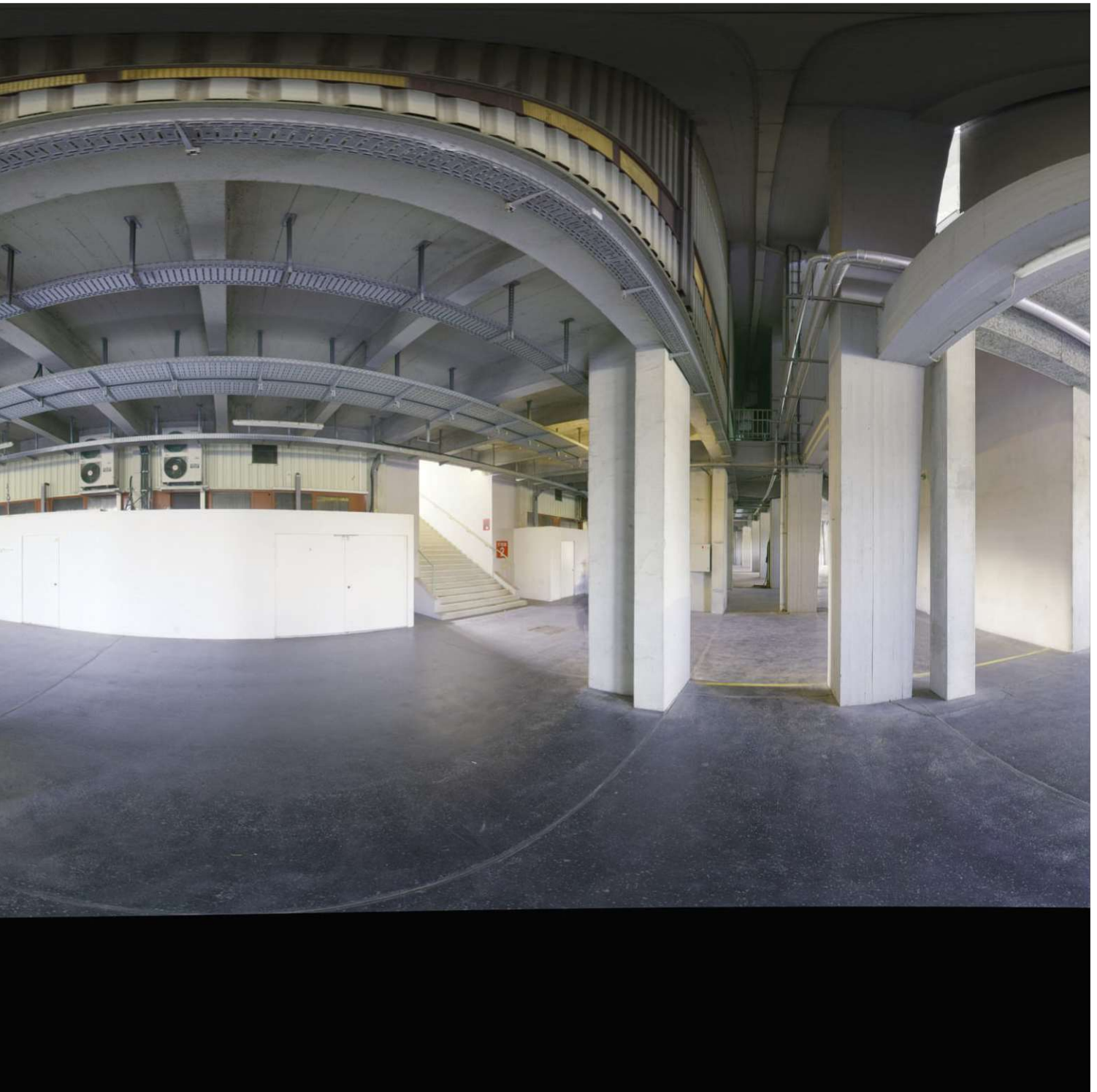
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_053.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -125246.43086

Y = -28936.31163

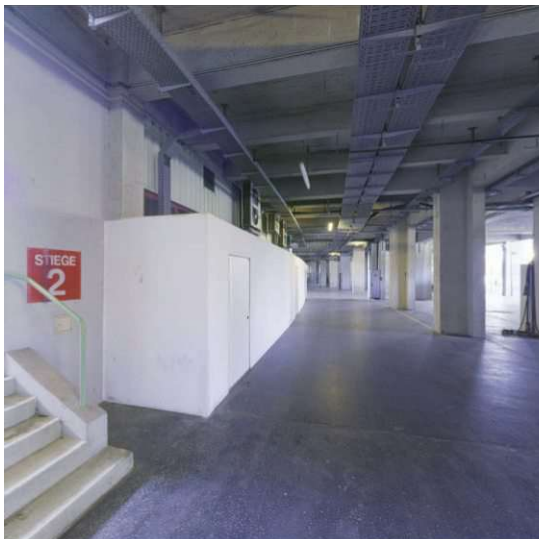
Z = 1703.0712



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_054_0.jpeg



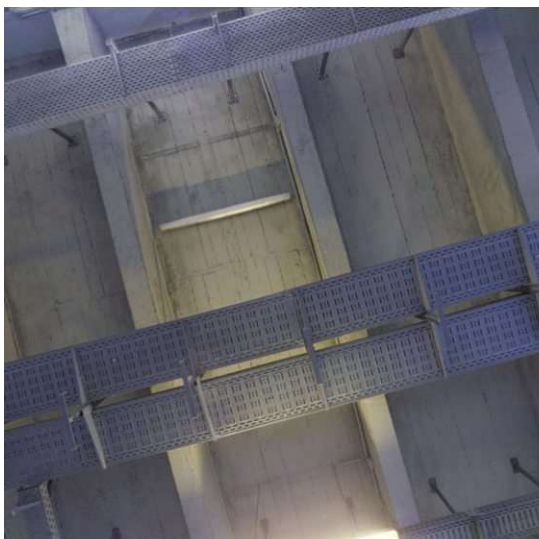
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_054_1.jpeg



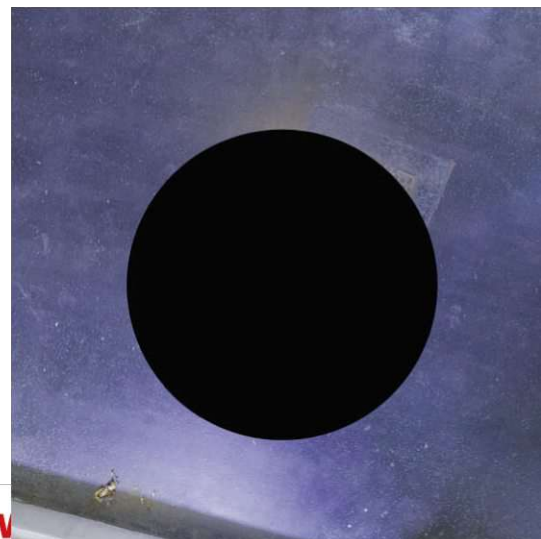
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_054_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_054_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_054_4.jpeg

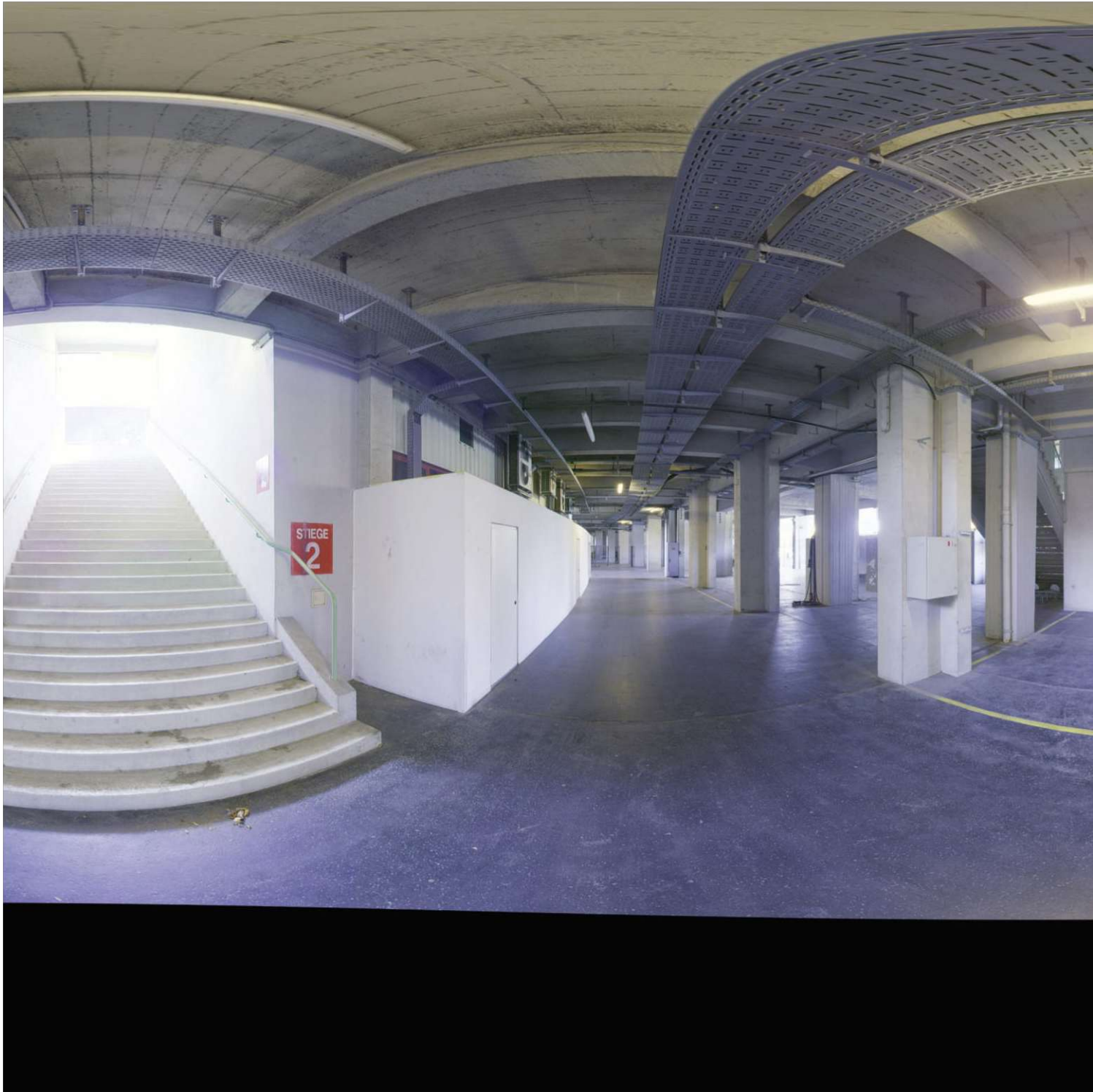


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_054_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_054.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

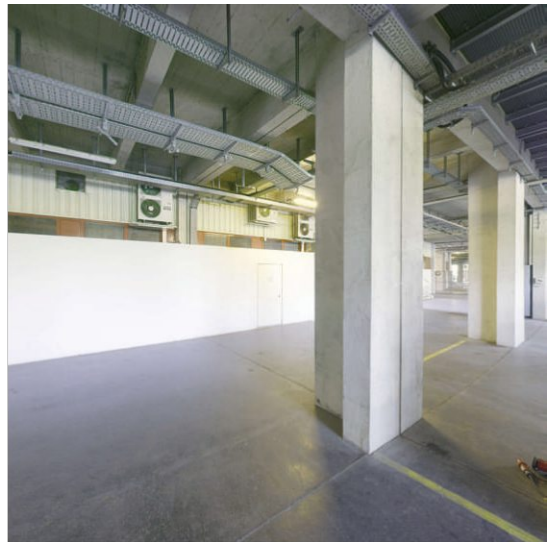
X = -117507.20916

Y = -32710.90359

Z = 1685.78187



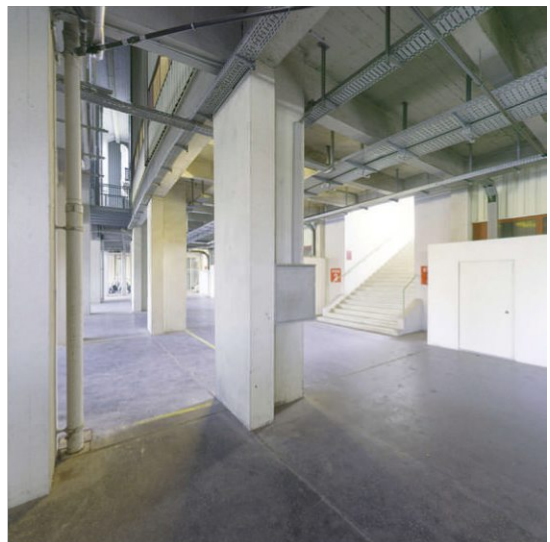
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_055_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_055_1.jpeg



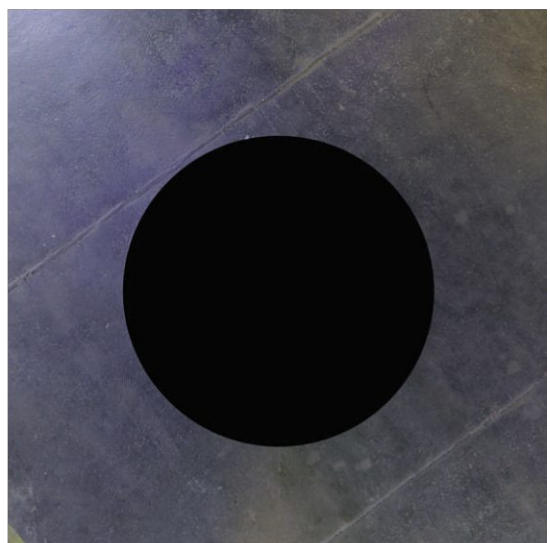
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_055_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_055_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_055_4.jpeg

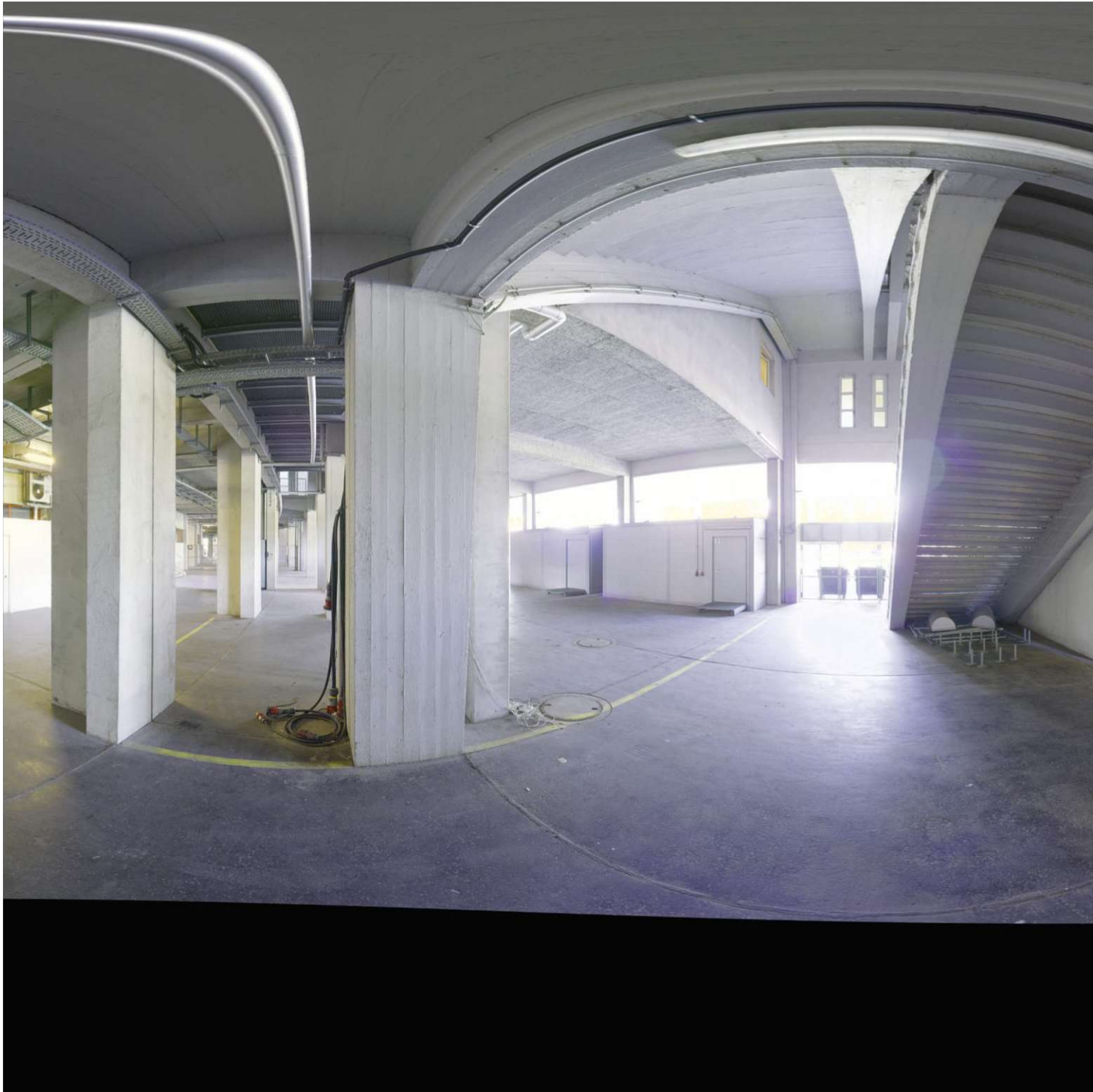


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_055_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_055.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -122453.47844

Y = -37098.83707

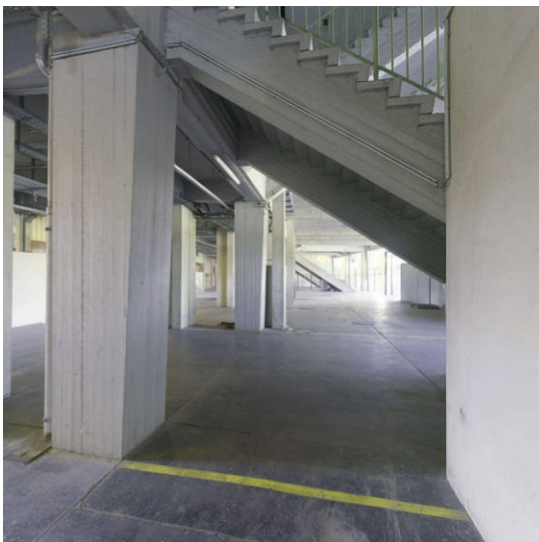
Z = 1663.09624



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_056_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_056_1.jpeg



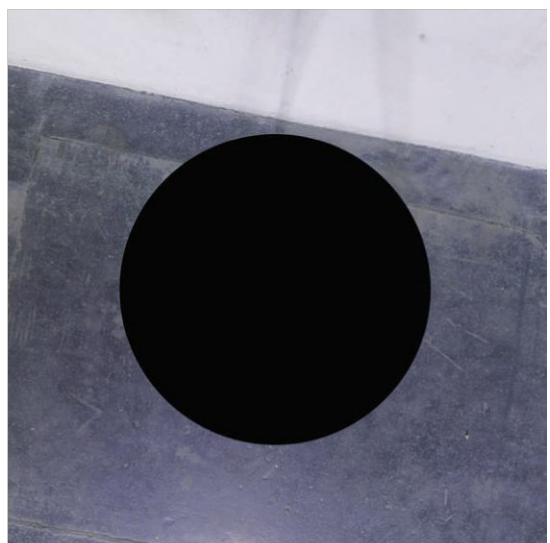
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_056_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_056_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_056_4.jpeg

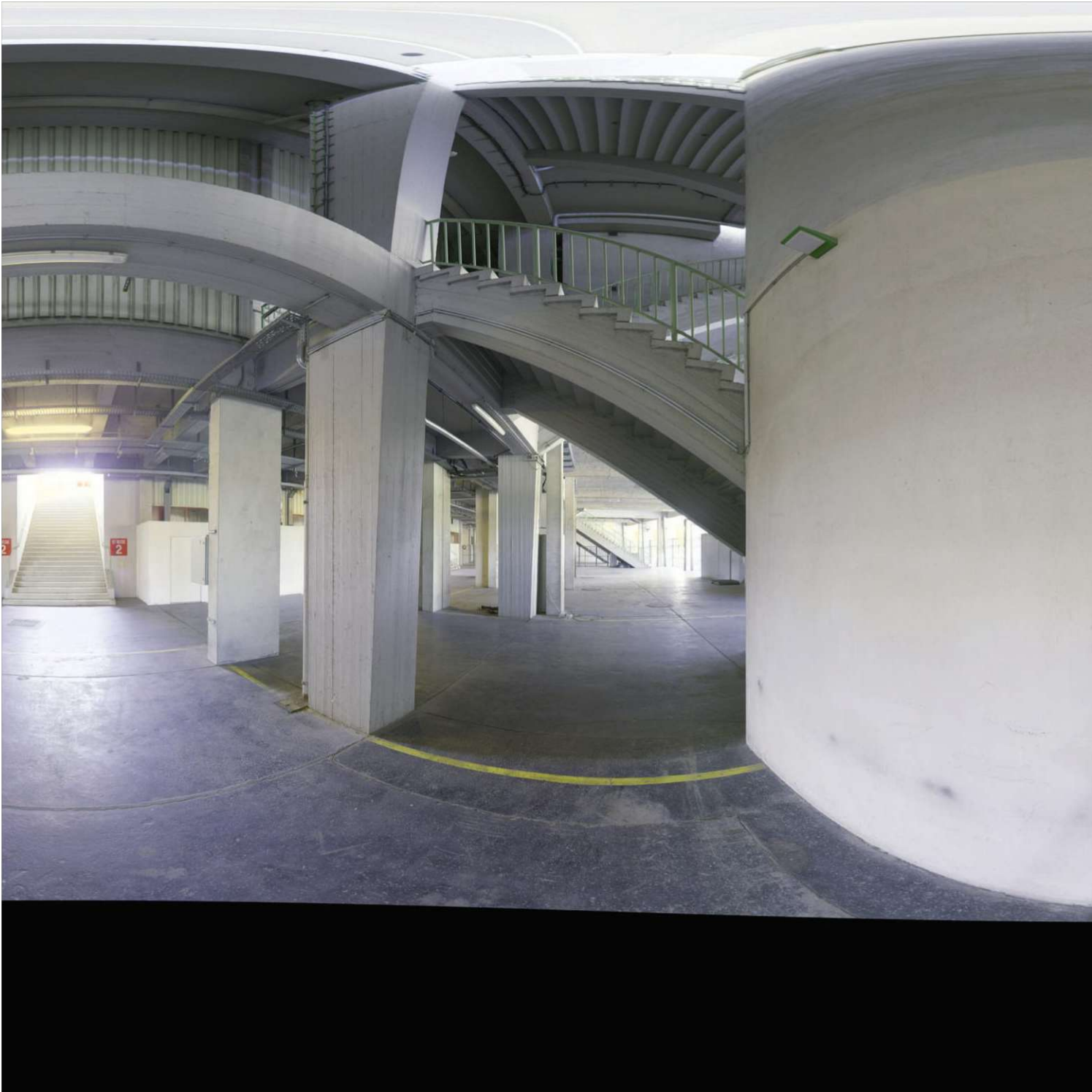


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_056_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_056.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

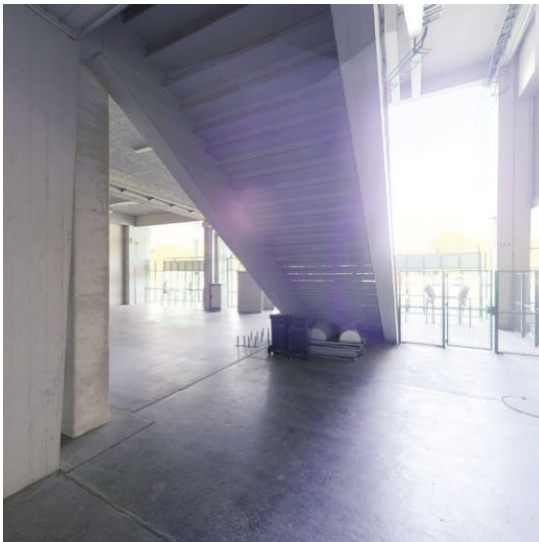
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

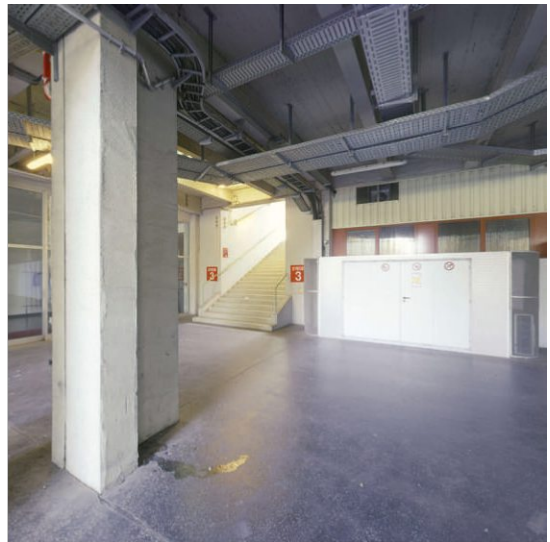
X = -141916.40601

Y = -37349.32032

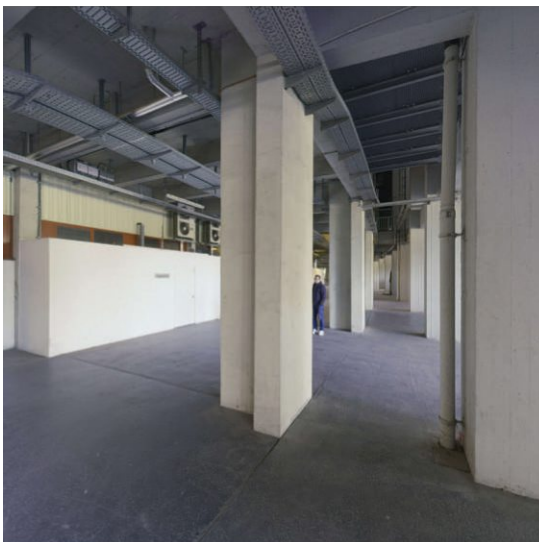
Z = 1693.81314



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_057_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_057_1.jpeg



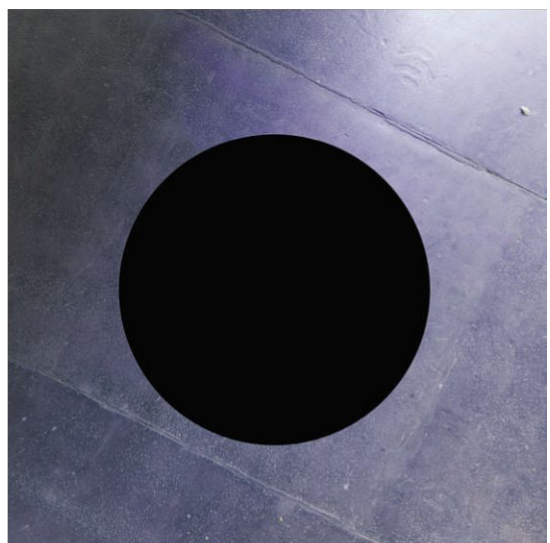
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_057_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_057_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_057_4.jpeg

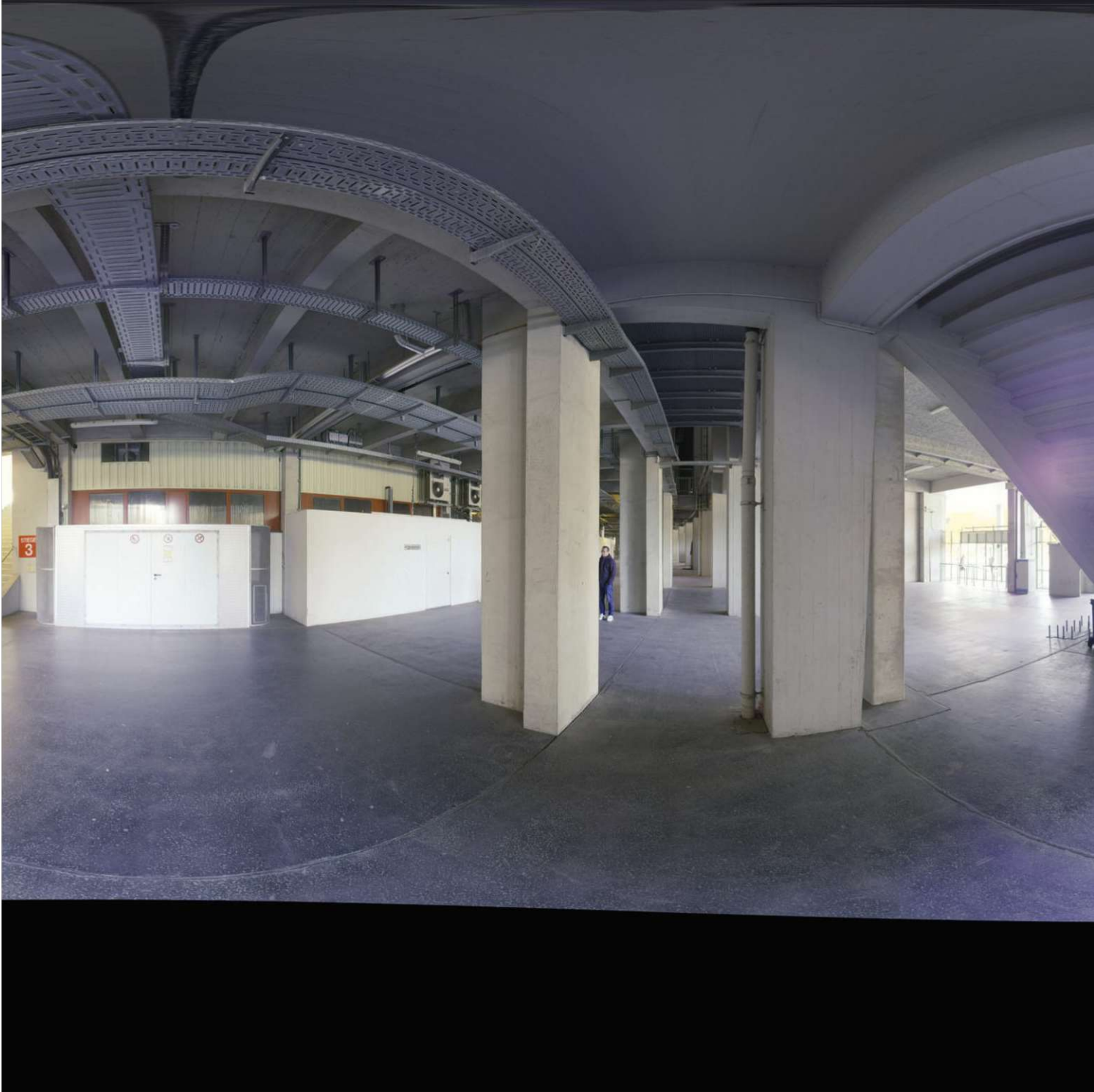


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_057_5.jpeg

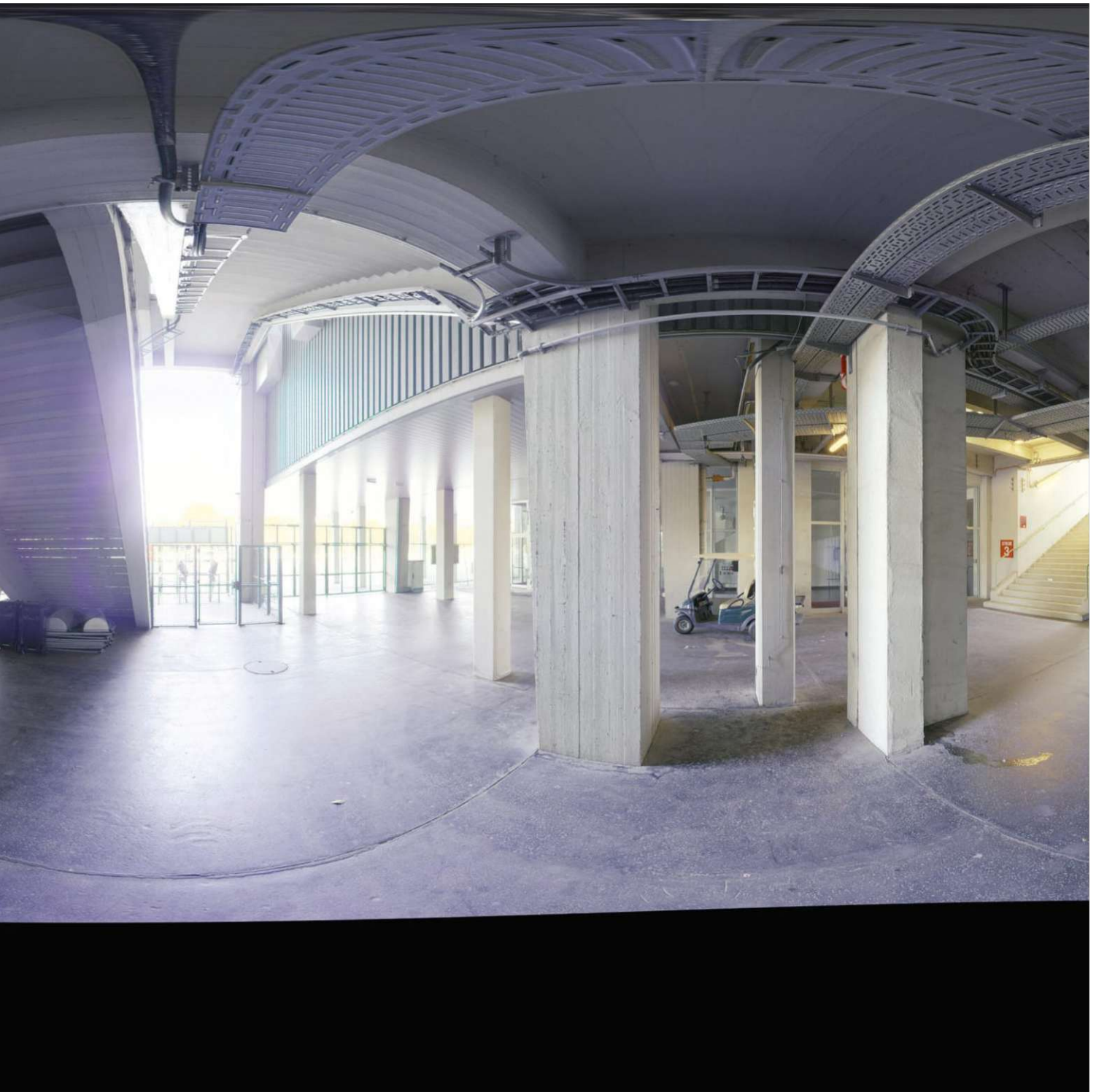
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_057.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -115405.96428$

$Y = -41919.7$

$Z = 1599.22629$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_058_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_058_1.jpeg



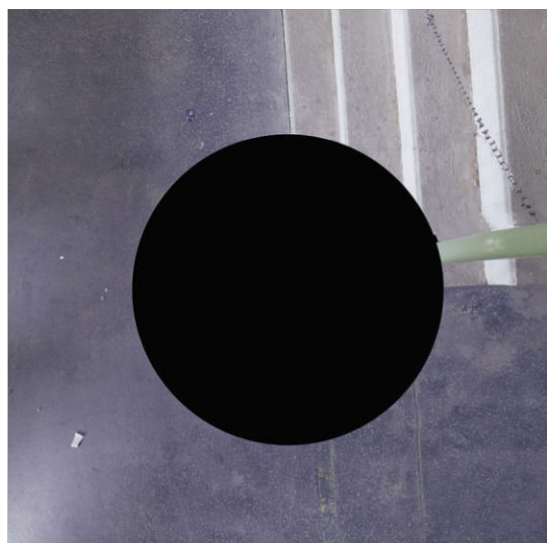
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_058_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_058_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_058_4.jpeg

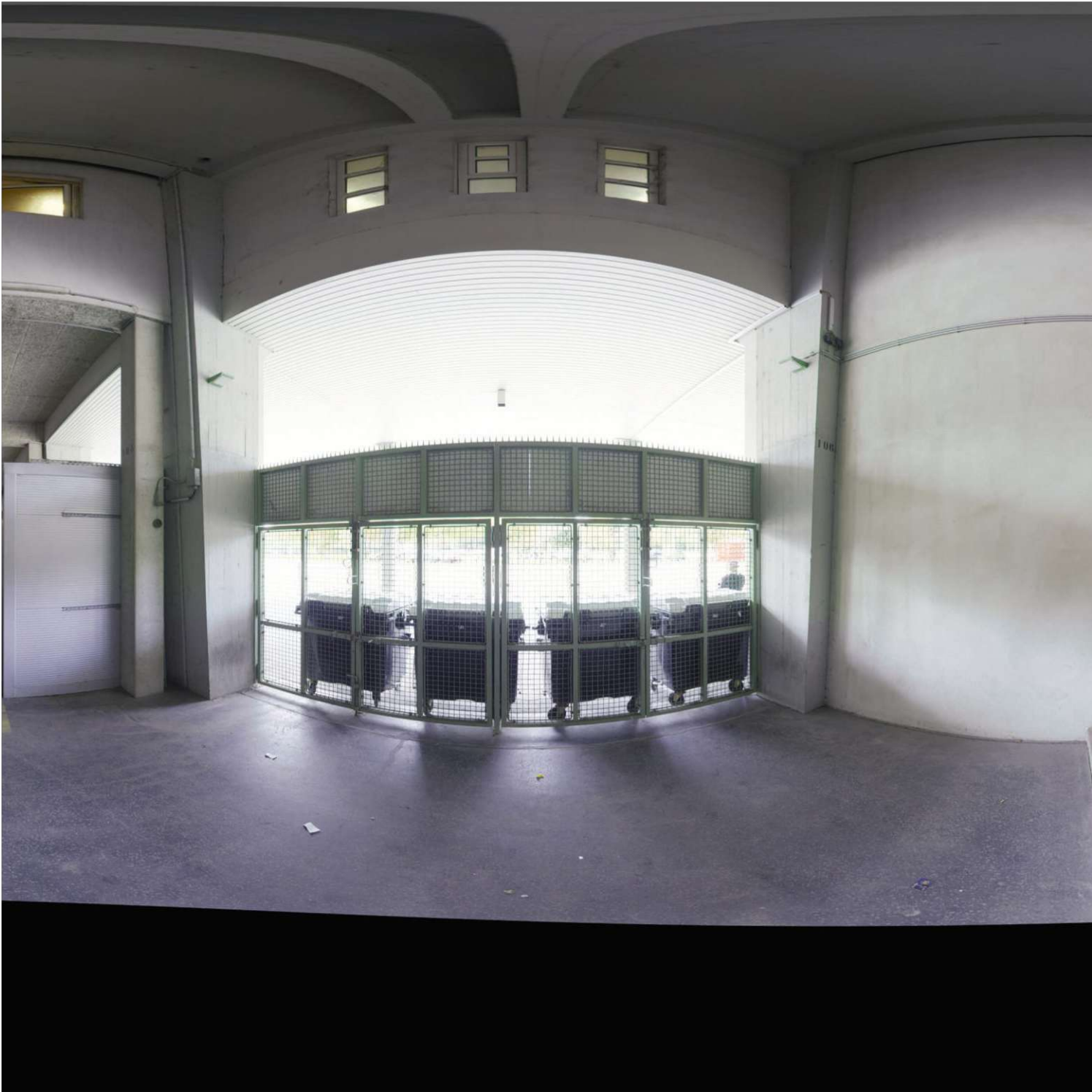


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_058_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_058.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -110160.91686

Y = -35591.10167

Z = 1665.41239



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_059_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_059_1.jpeg



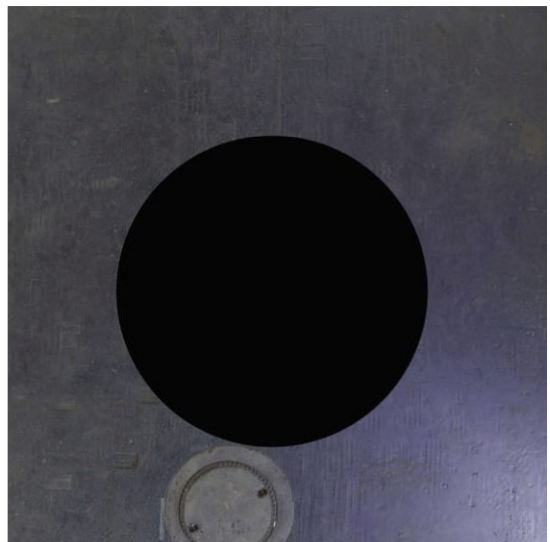
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_059_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_059_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_059_4.jpeg

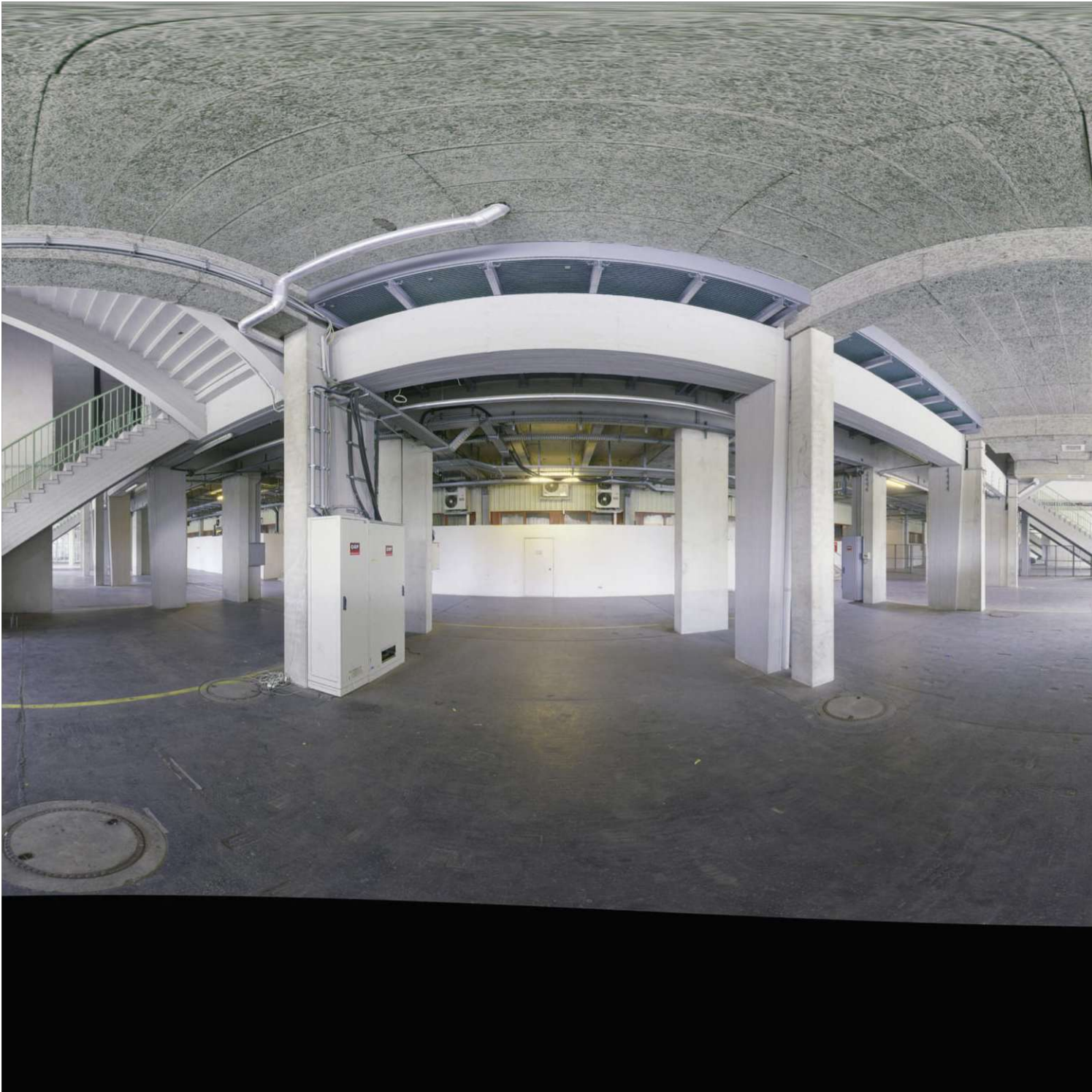


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_059_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_059.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

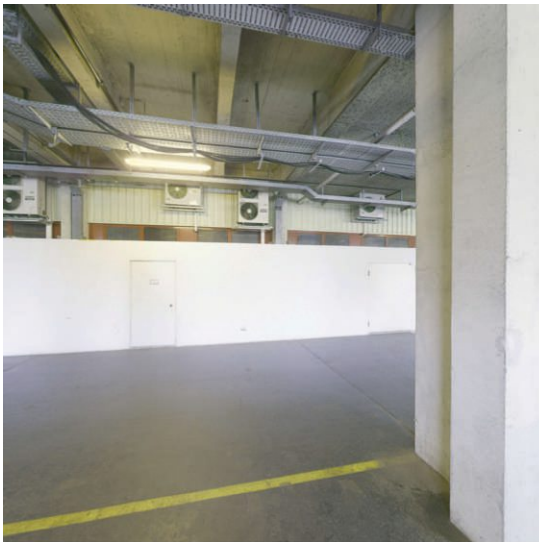
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -111104.85303

Y = -30421.9923

Z = 1699.85541



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_060_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_060_1.jpeg



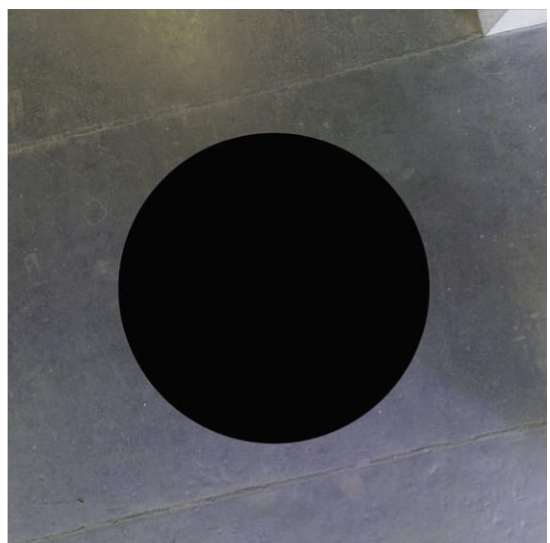
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_060_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_060_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_060_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_060_5.jpeg

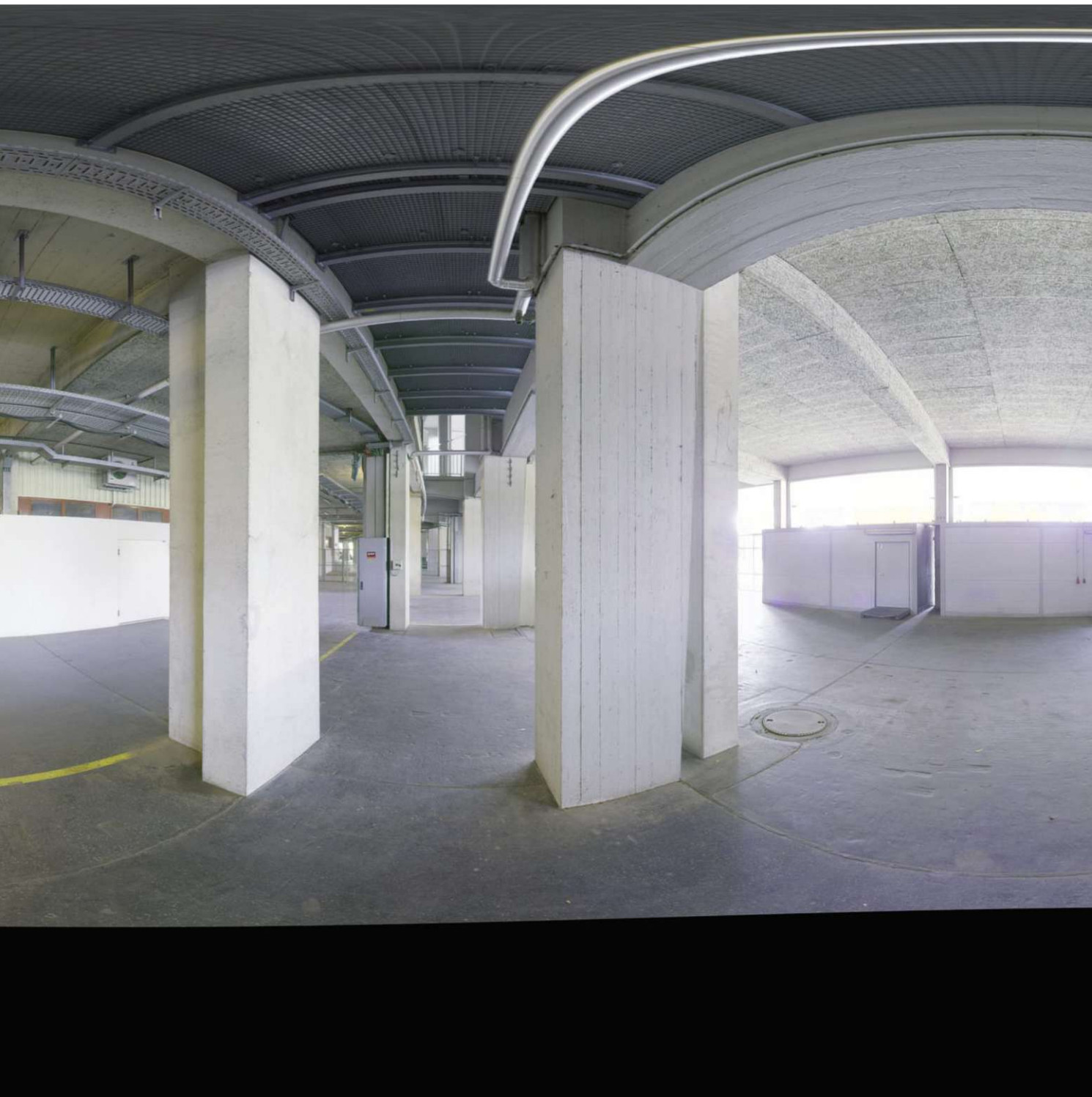
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_060.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

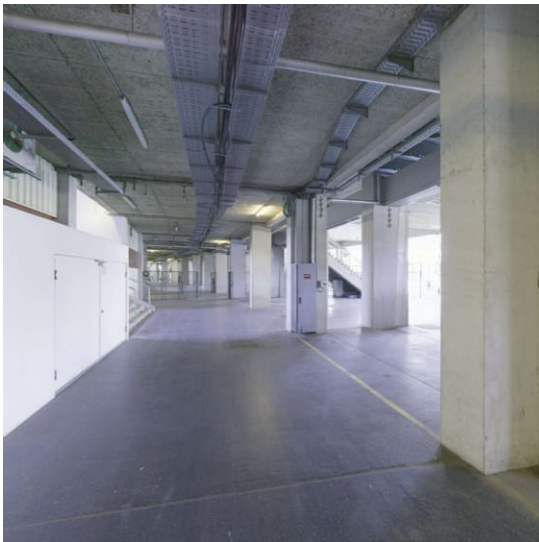
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -112571.9729

Y = -26010.45928

Z = 1727.17349



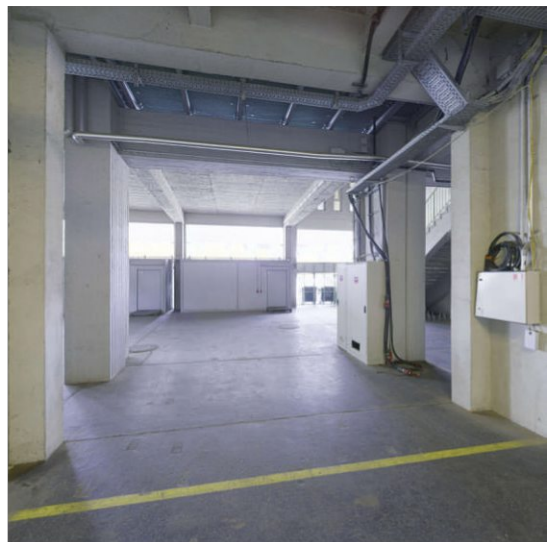
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_061_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_061_1.jpeg



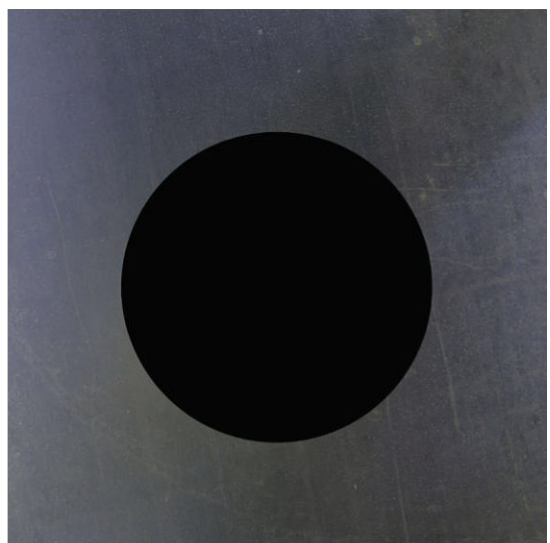
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_061_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_061_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_061_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_061_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_061.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

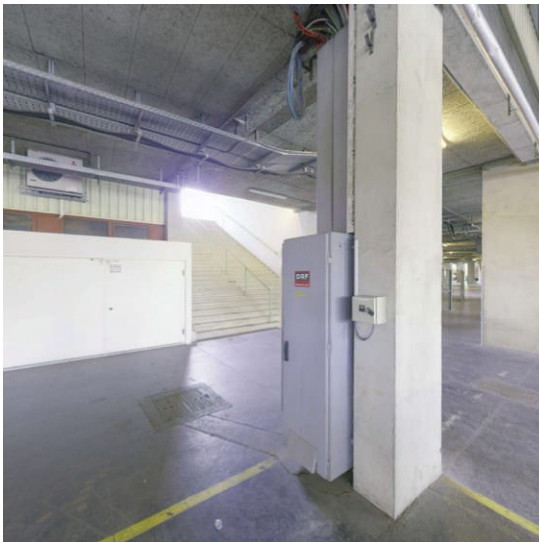
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -105527.219$

$Y = -28313.03847$

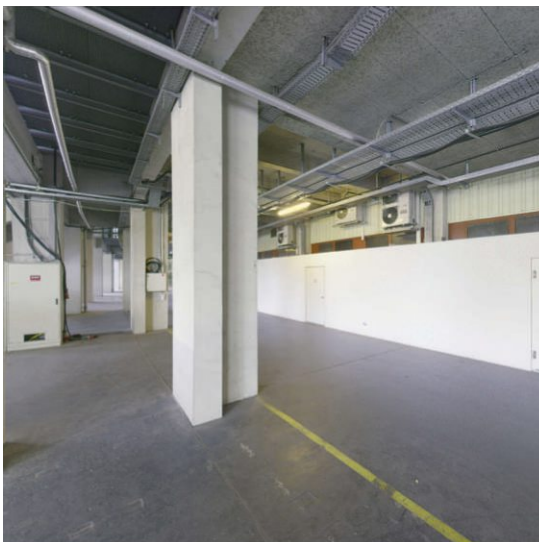
$Z = 1692.36353$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_062_0.jpeg



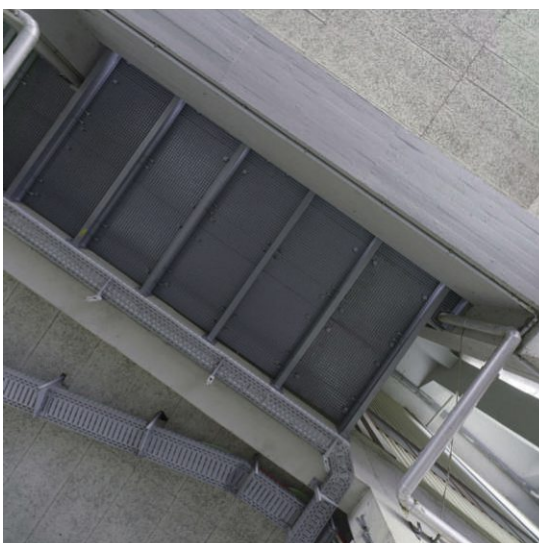
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_062_1.jpeg



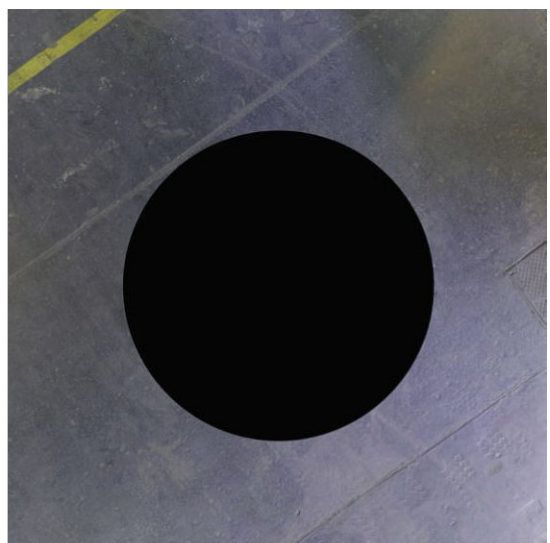
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_062_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_062_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_062_4.jpeg

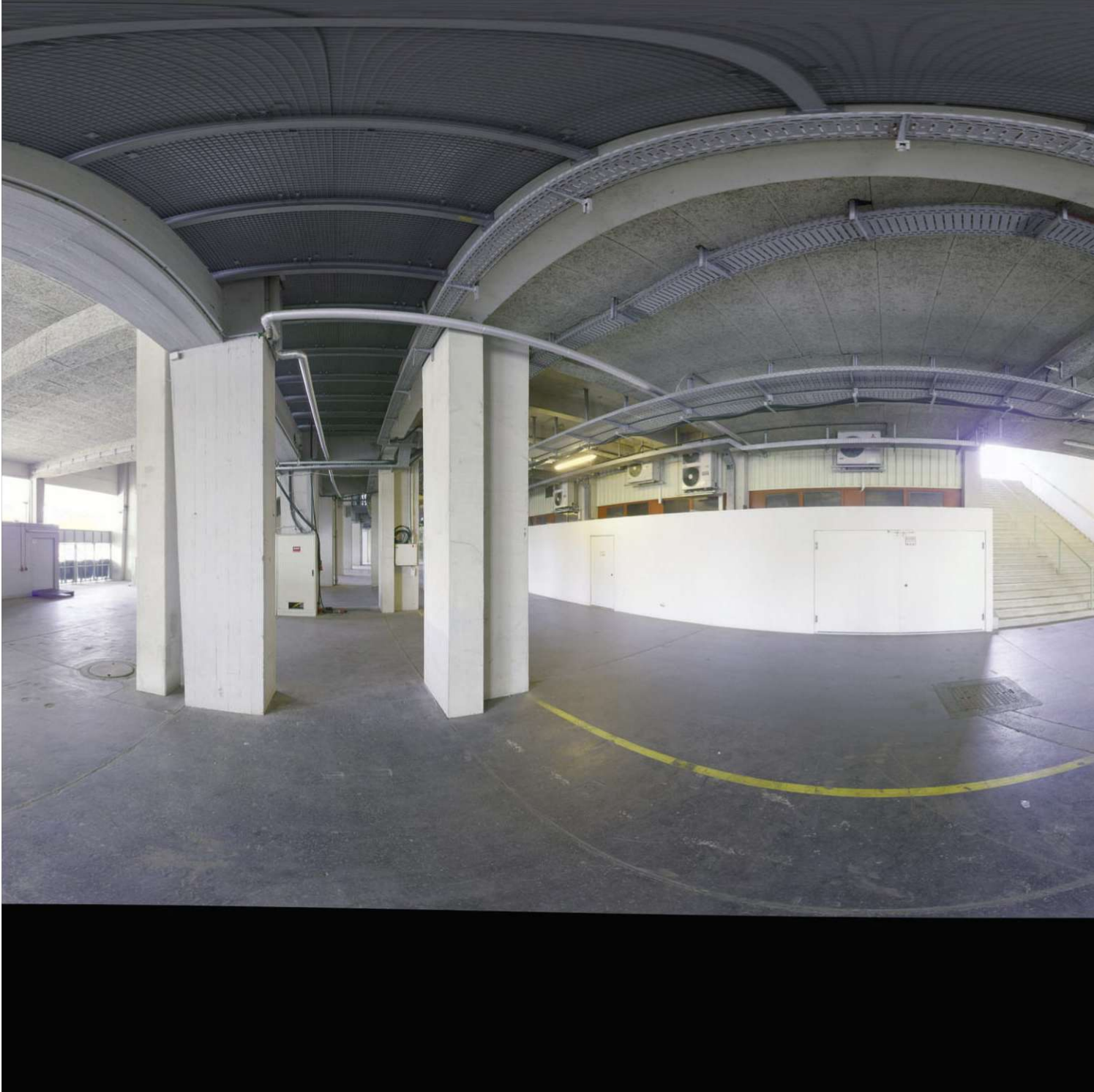


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_062_5.jpeg

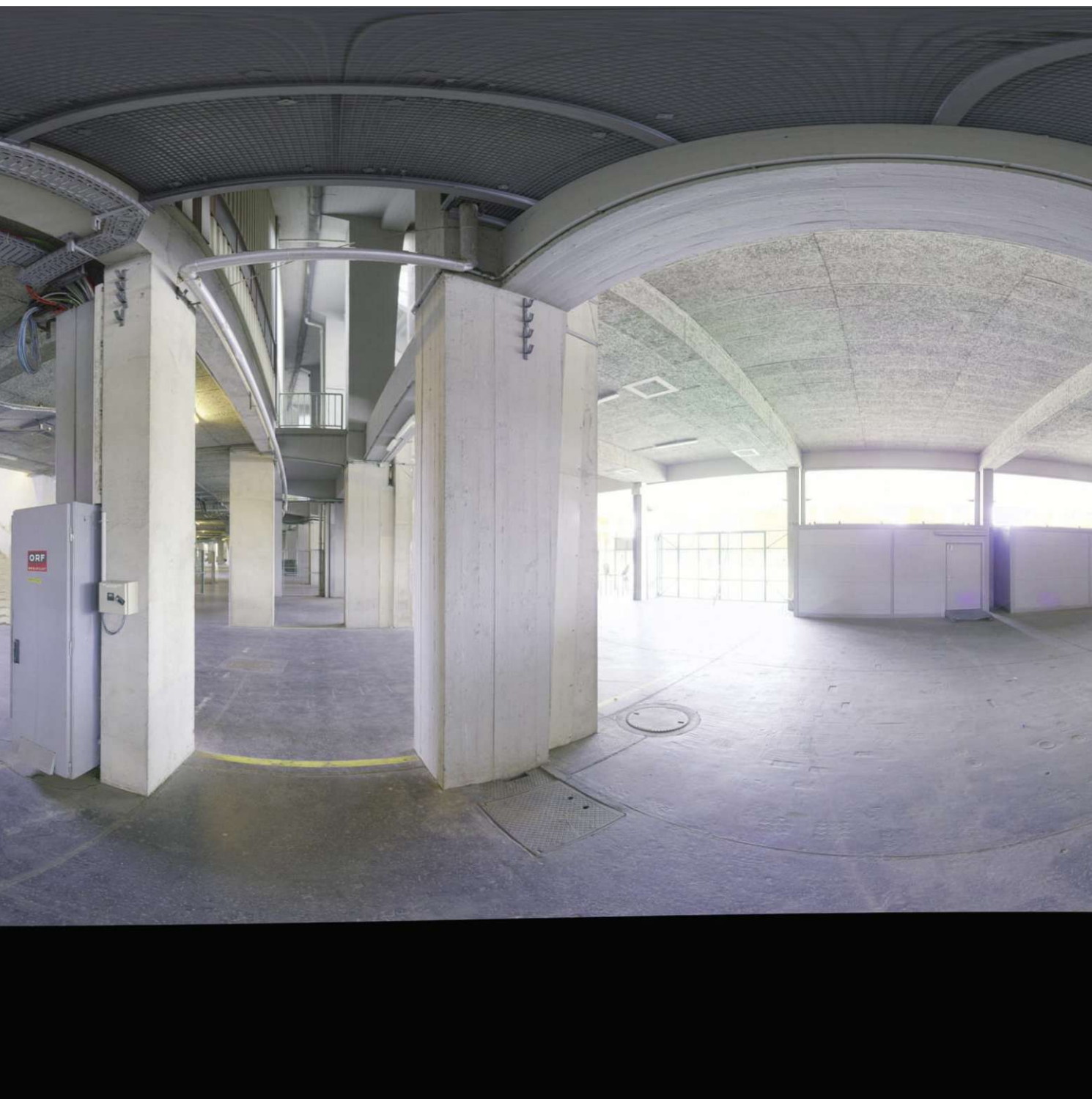
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_062.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

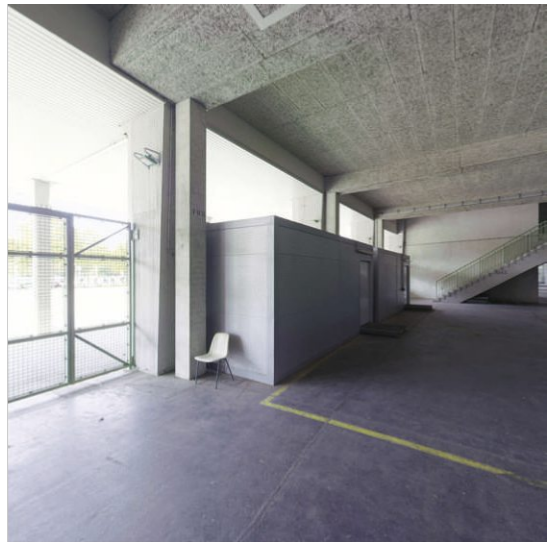
$X = -97052.99952$

$Y = -33476.09236$

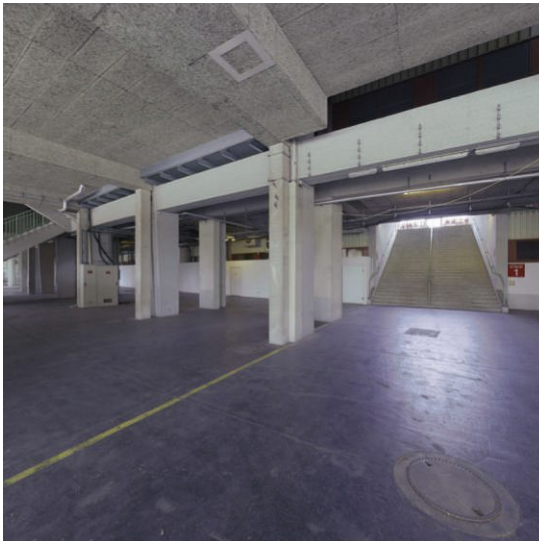
$Z = 1623.7901$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_063_0.jpeg



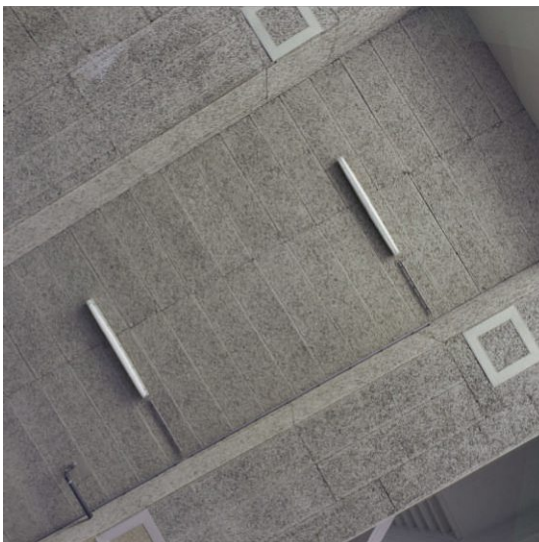
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_063_1.jpeg



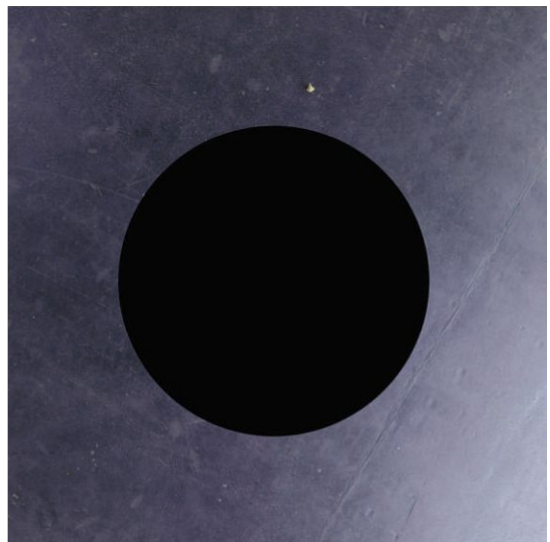
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_063_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_063_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_063_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_063_5.jpeg

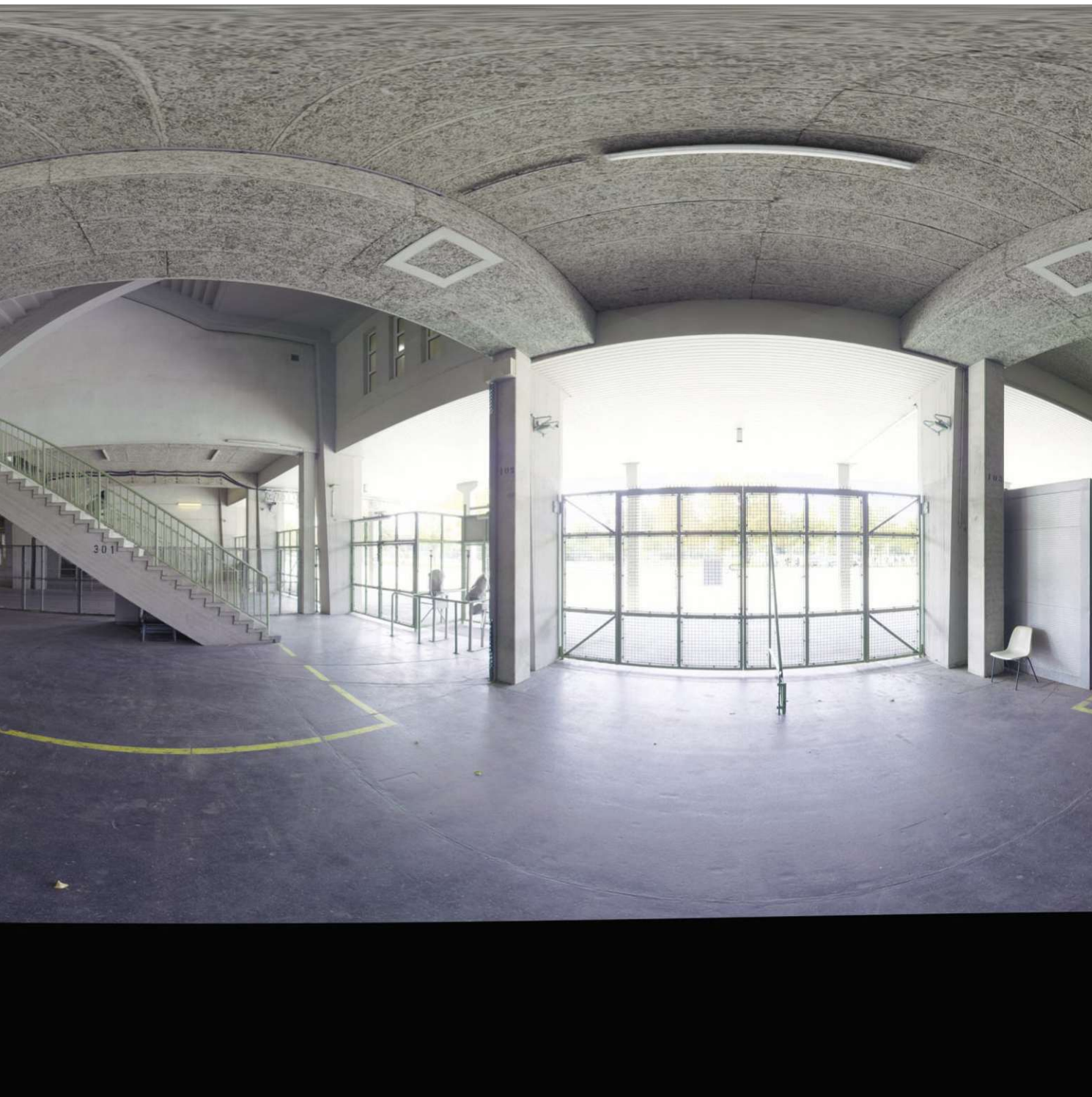
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_063.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -89848.41418$

$Y = -32629.9625$

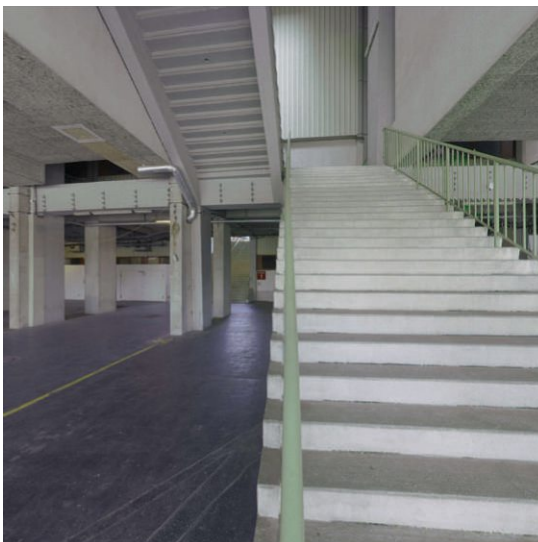
$Z = 1704.94619$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_064_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_064_1.jpeg



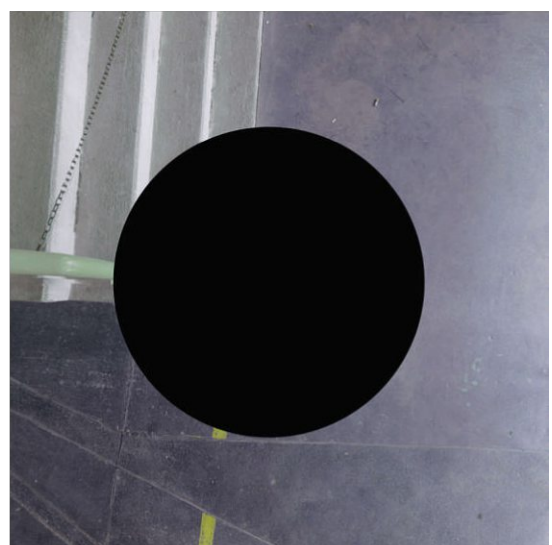
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_064_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_064_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_064_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_064_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_064.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -92310.60168$

$Y = -22310.66821$

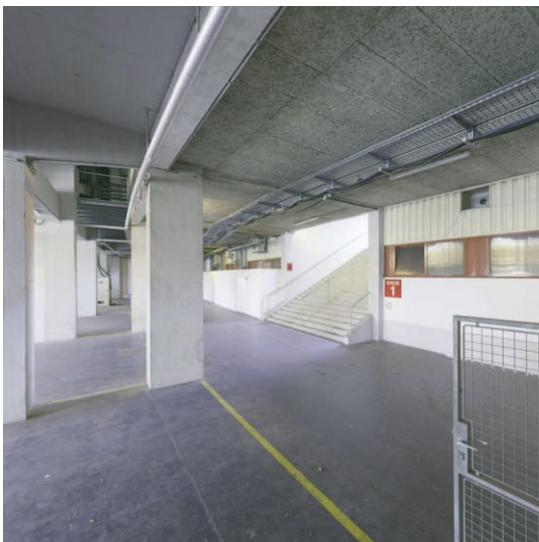
$Z = 2134.9166$



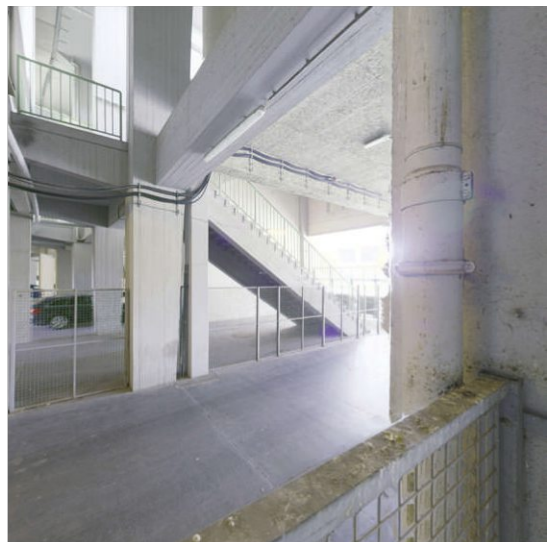
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_065_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_065_1.jpeg



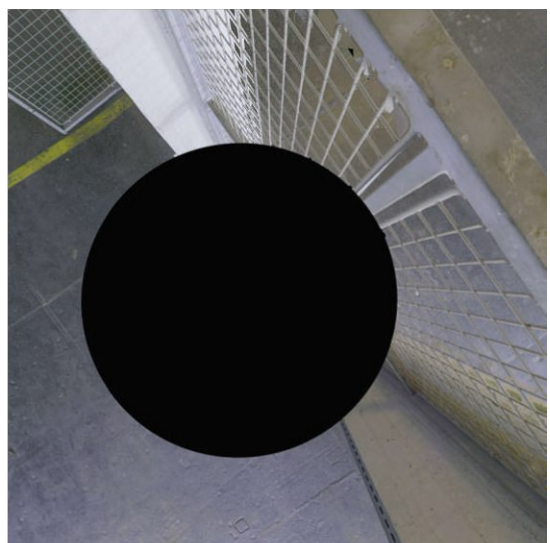
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_065_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_065_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_065_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_065_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_065.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

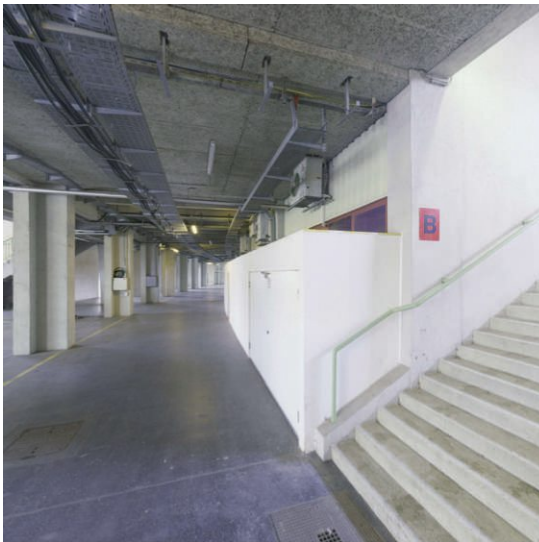
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

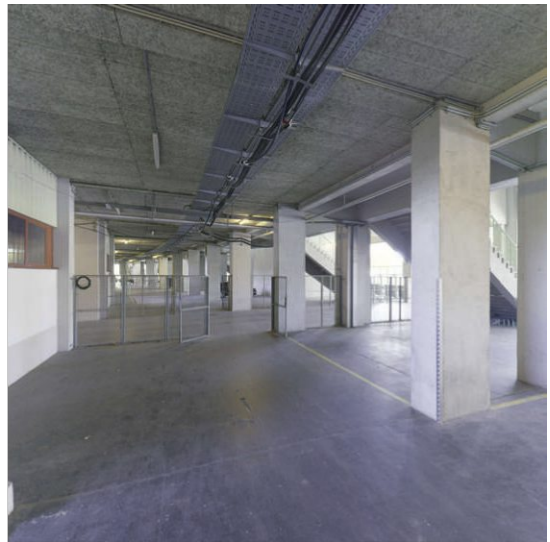
$X = -102593.87718$

$Y = -21279.83225$

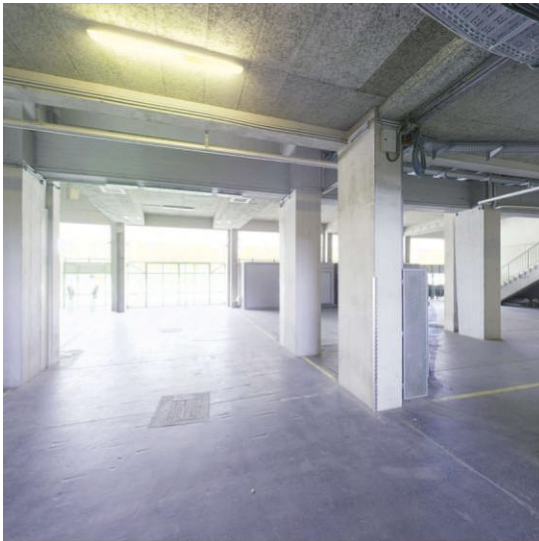
$Z = 1968.68145$



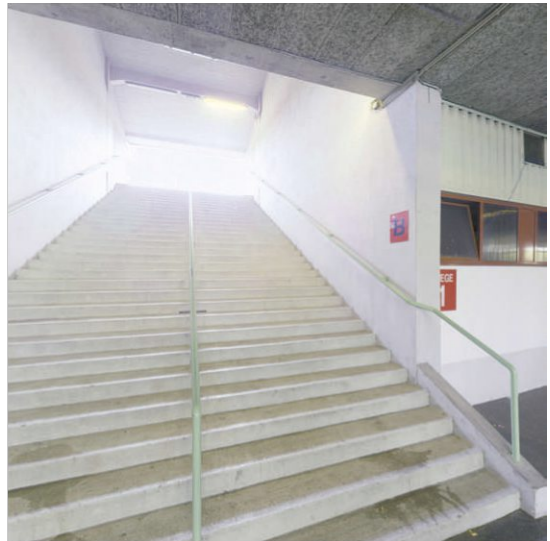
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_066_0.jpeg



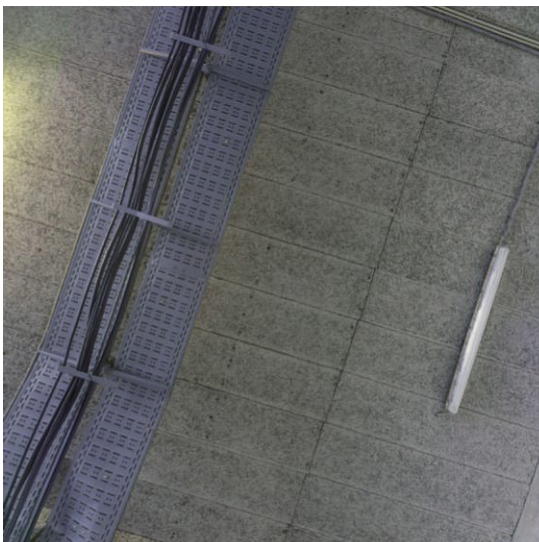
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_066_1.jpeg



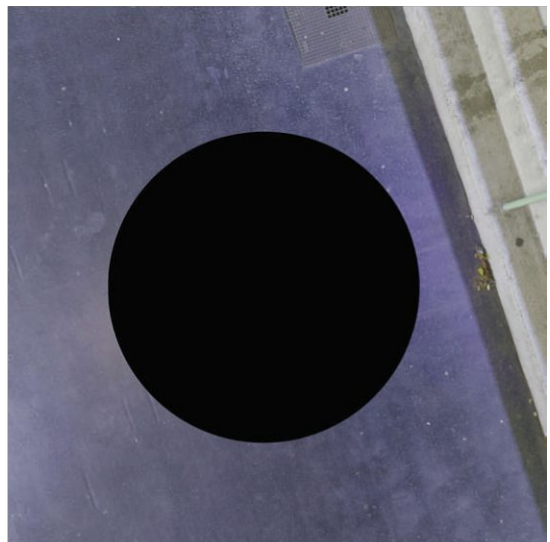
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_066_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_066_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_066_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_066_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_066.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -91088.54672$

$Y = -18243.90452$

$Z = 1999.62747$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_067_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_067_1.jpeg



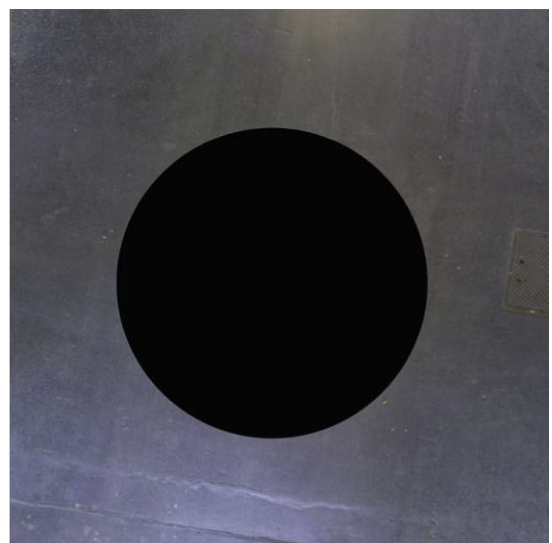
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_067_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_067_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_067_4.jpeg

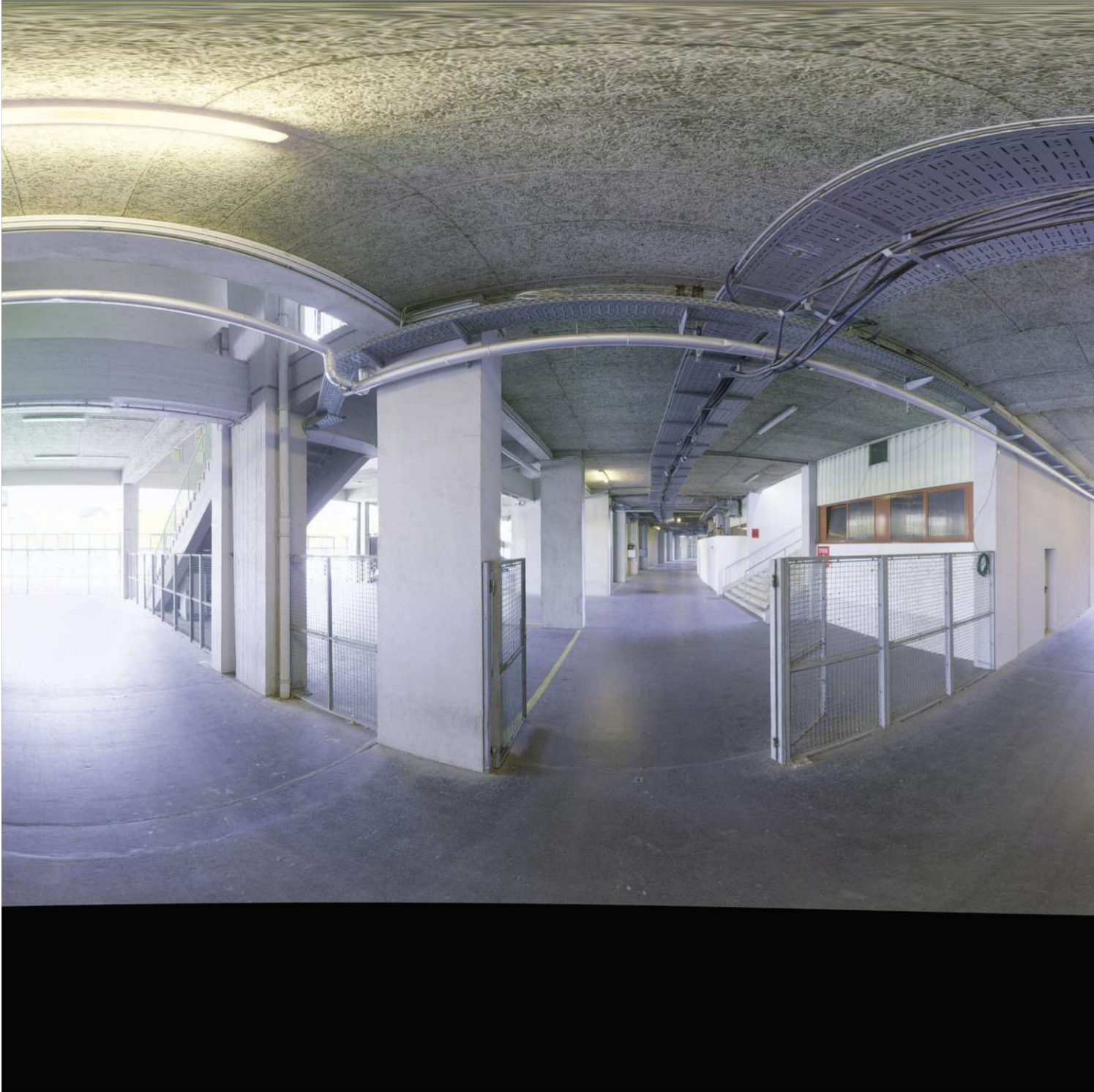


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_067_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_067.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -89540.98901

Y = -20251.85241

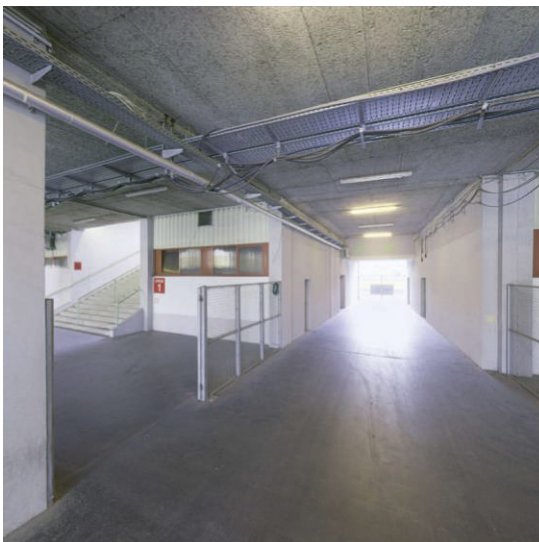
Z = 2107.89353



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_068_0.jpeg



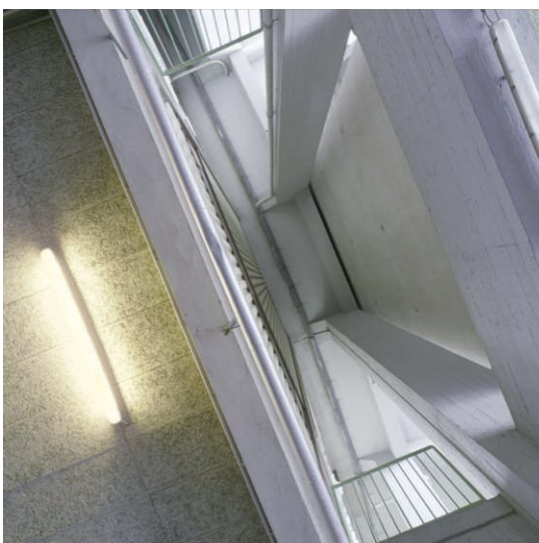
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_068_1.jpeg



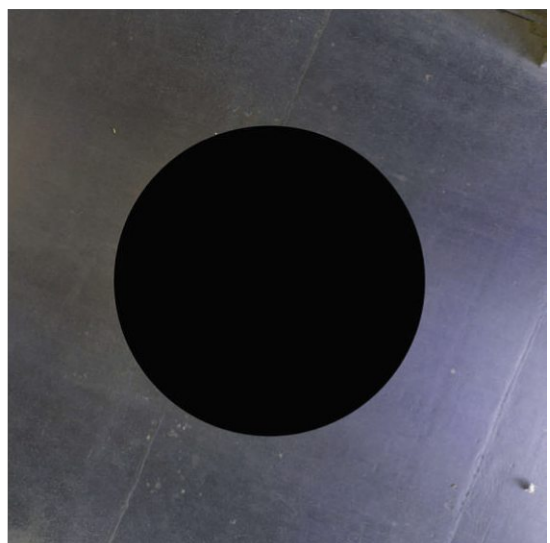
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_068_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_068_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_068_4.jpeg

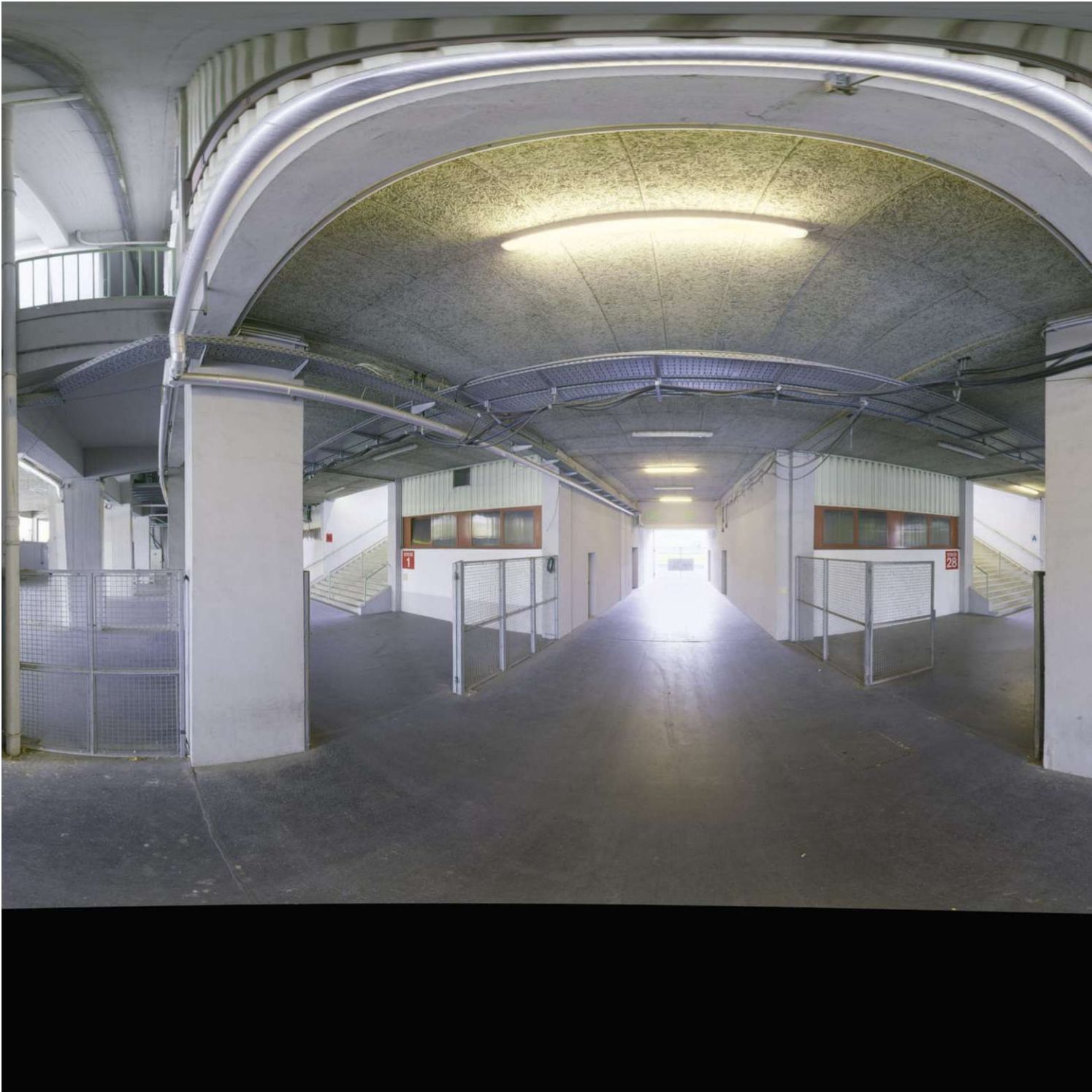


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_068_5.jpeg

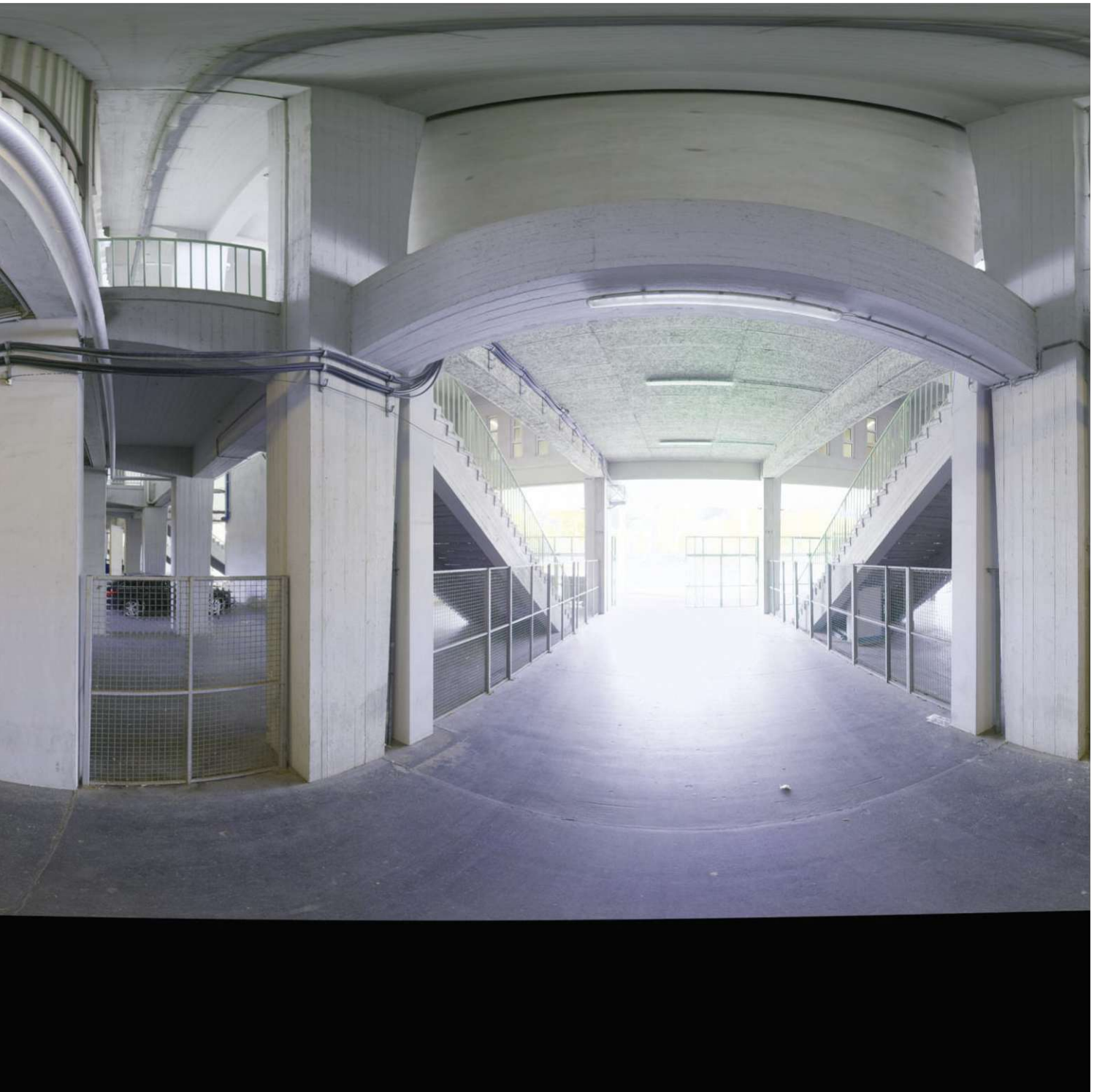
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_068.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

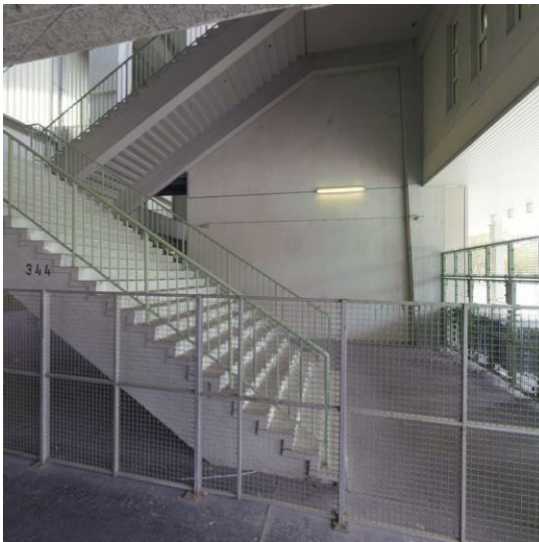
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -84106.26288

Y = -29070.23474

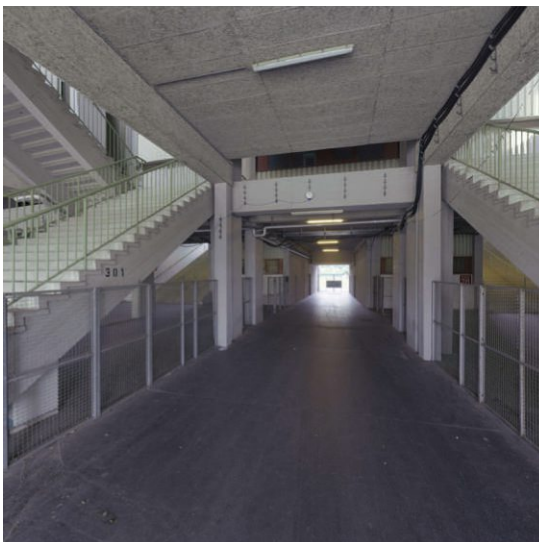
Z = 1983.69523



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_069_0.jpeg



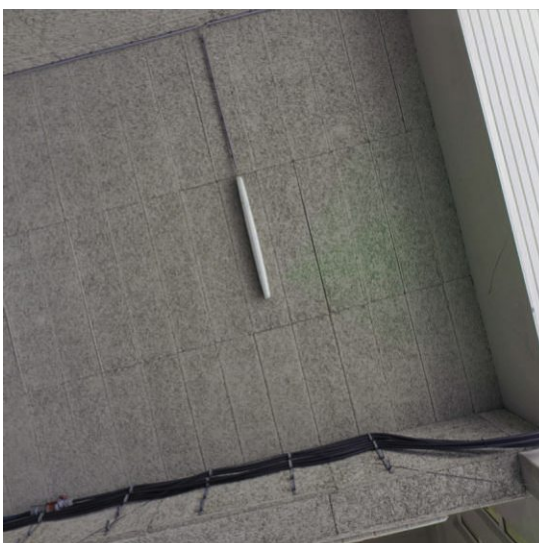
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_069_1.jpeg



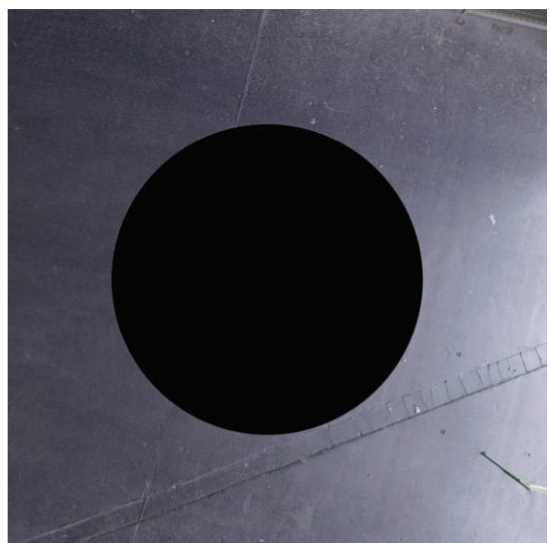
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_069_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_069_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_069_4.jpeg

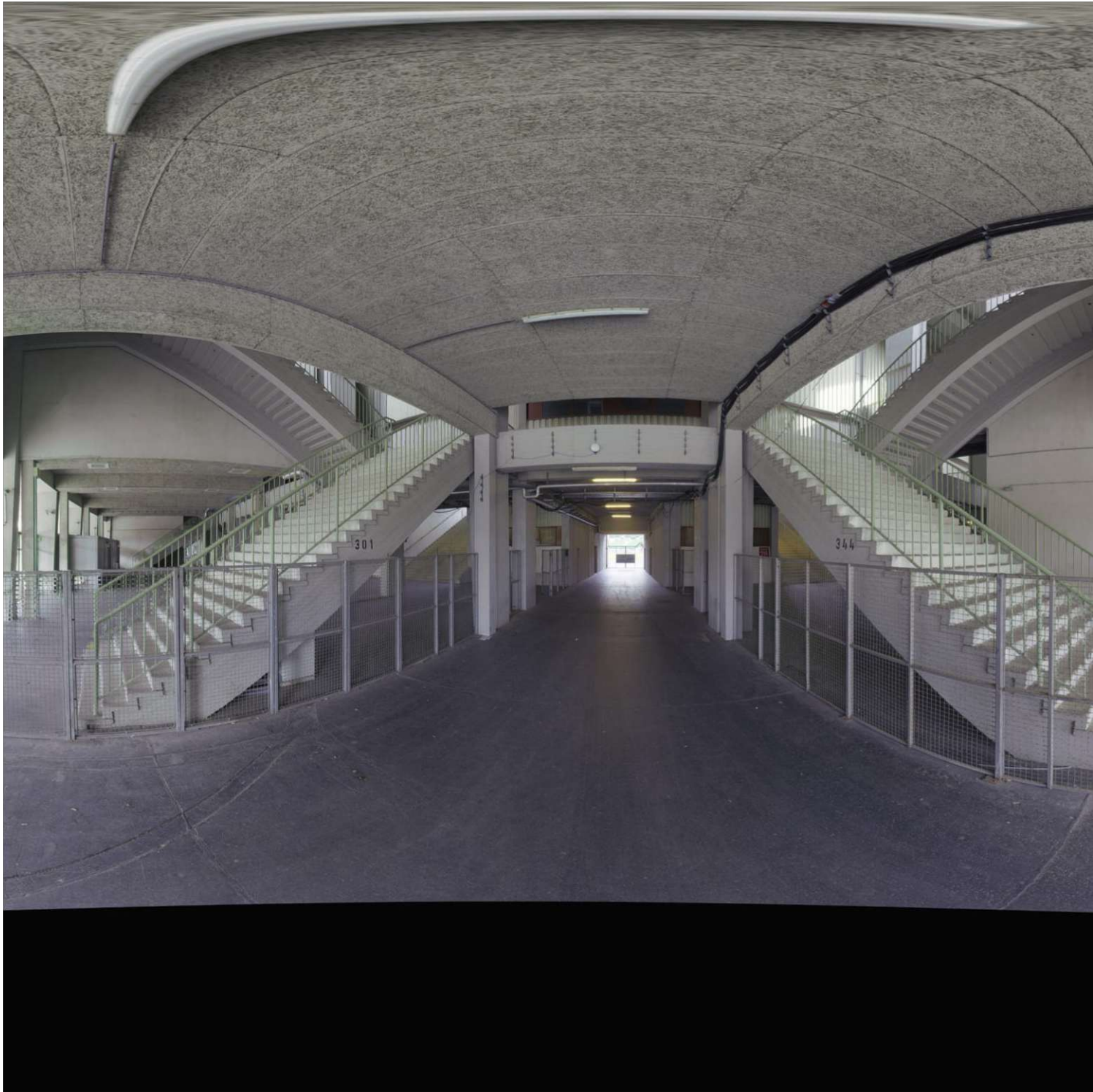


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_069_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_069.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

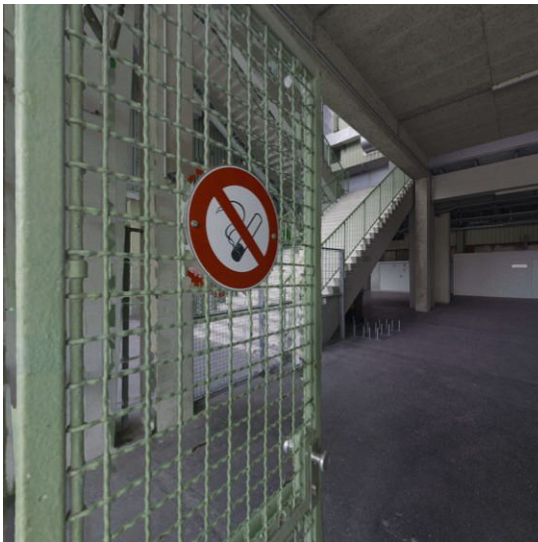
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -133844.07007

Y = -49387.97231

Z = 1260.57738



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_070_0.jpeg



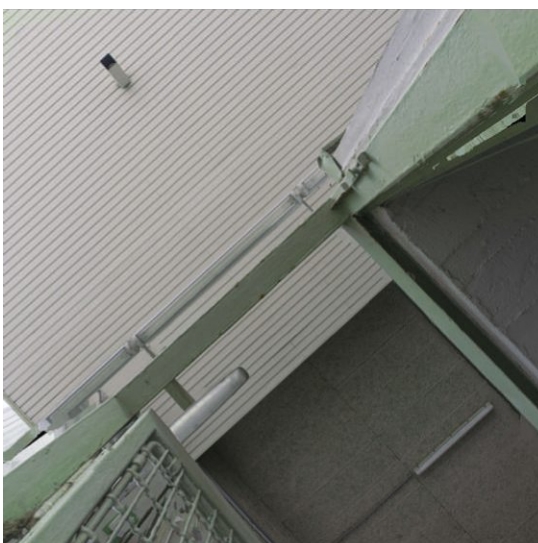
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_070_1.jpeg



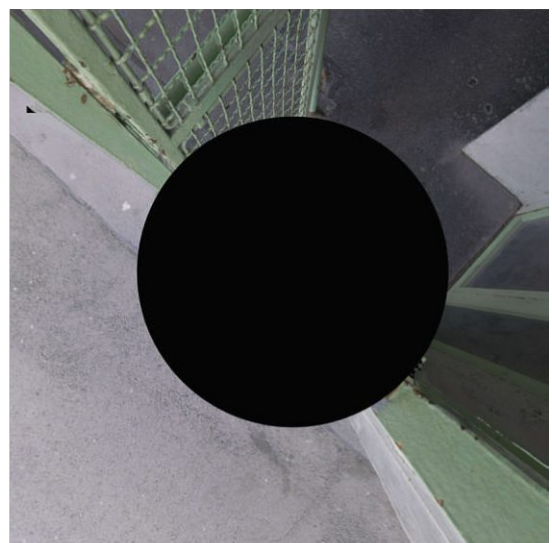
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_070_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_070_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_070_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_070_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_070.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -128513.37084

Y = -41478.22576

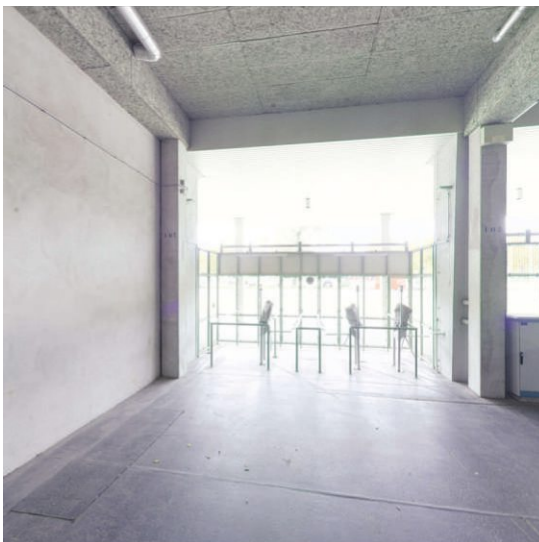
Z = 1890.61482



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_071_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_071_1.jpeg



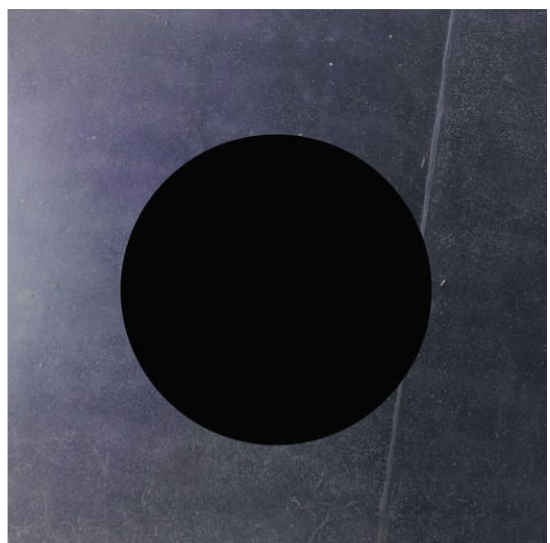
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_071_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_071_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_071_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_071_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_071.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

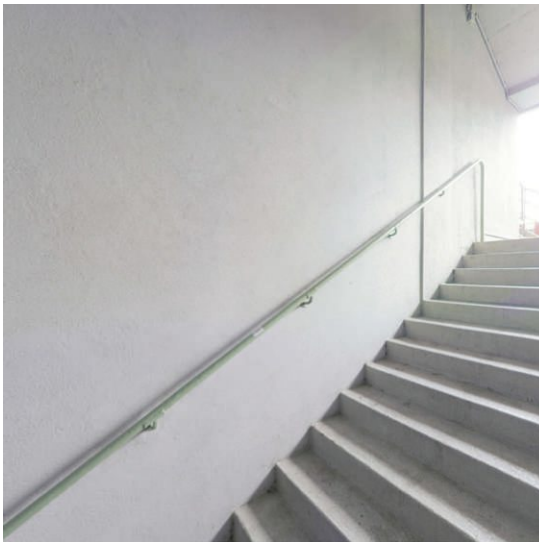
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

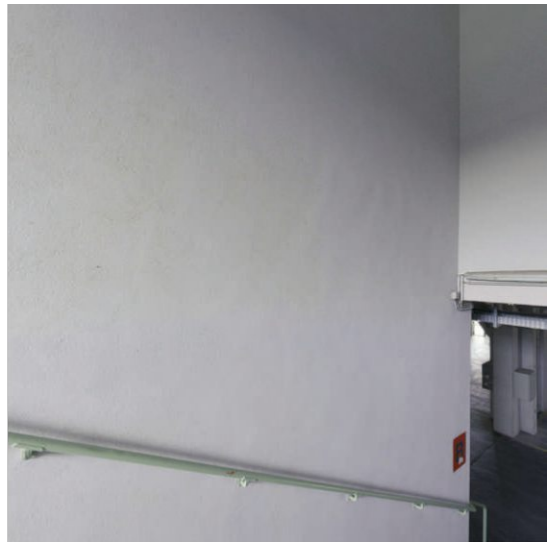
$X = -126613.33668$

$Y = -21839.14608$

$Z = 4742.56374$



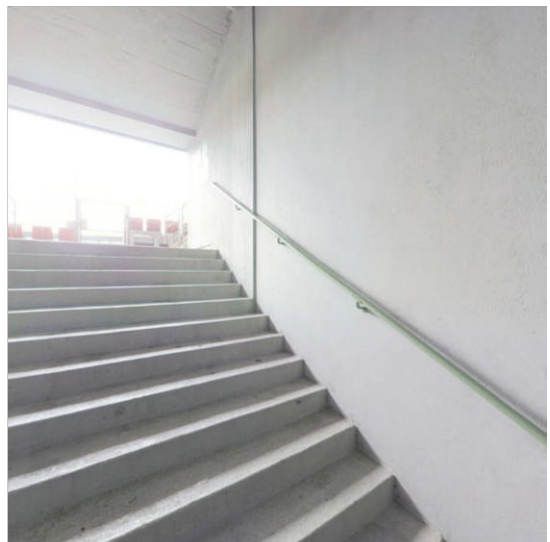
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_072_0.jpeg



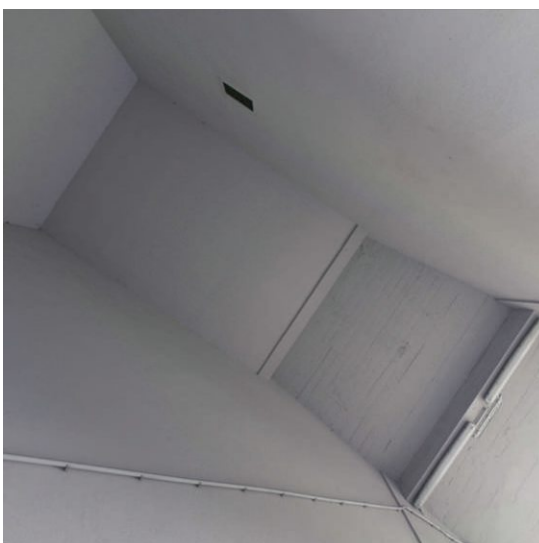
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_072_1.jpeg



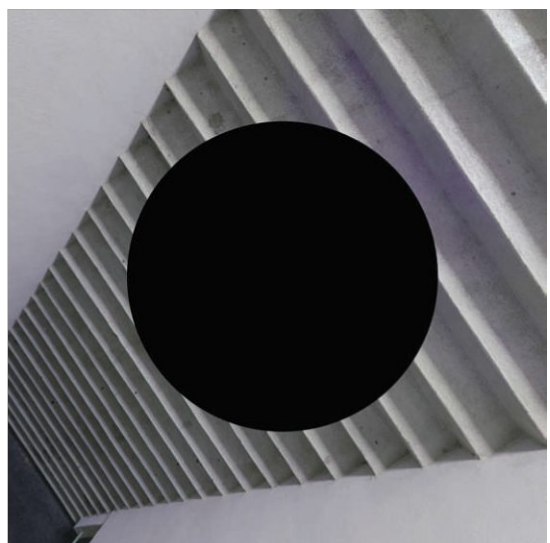
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_072_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_072_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_072_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_072_5.jpeg

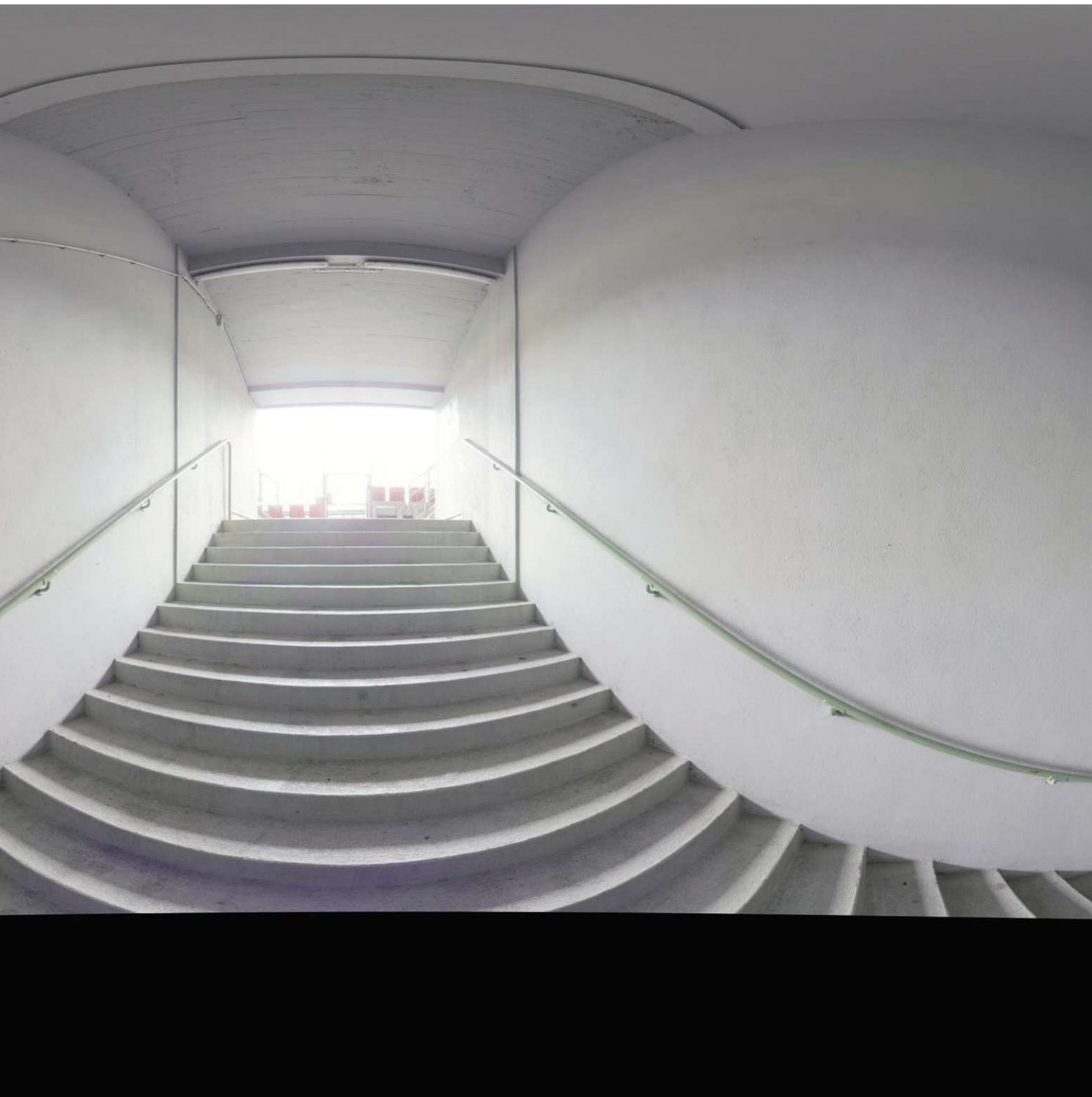
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_072.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

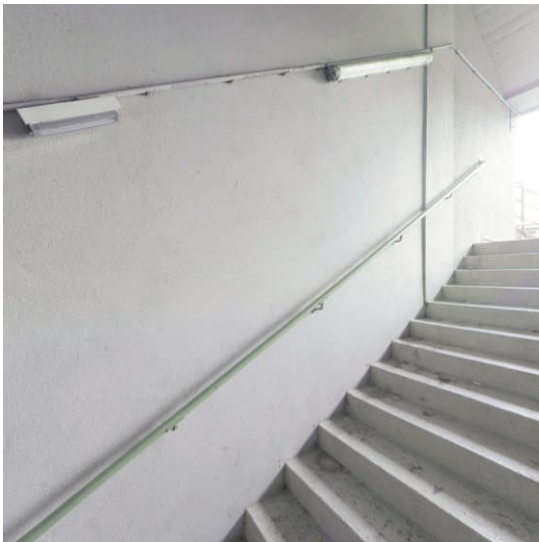
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -149015.92128$

$Y = -25555.42329$

$Z = 4764.63521$



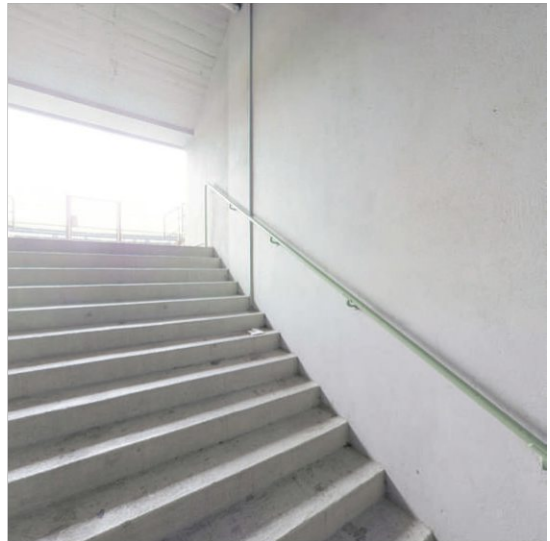
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_073_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_073_1.jpeg



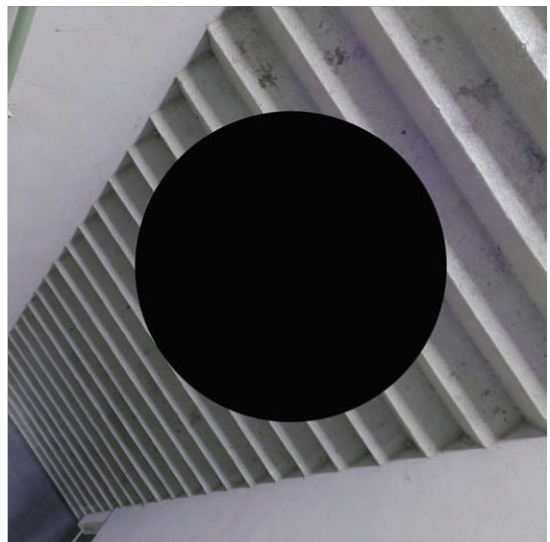
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_073_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_073_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_073_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_073_5.jpeg

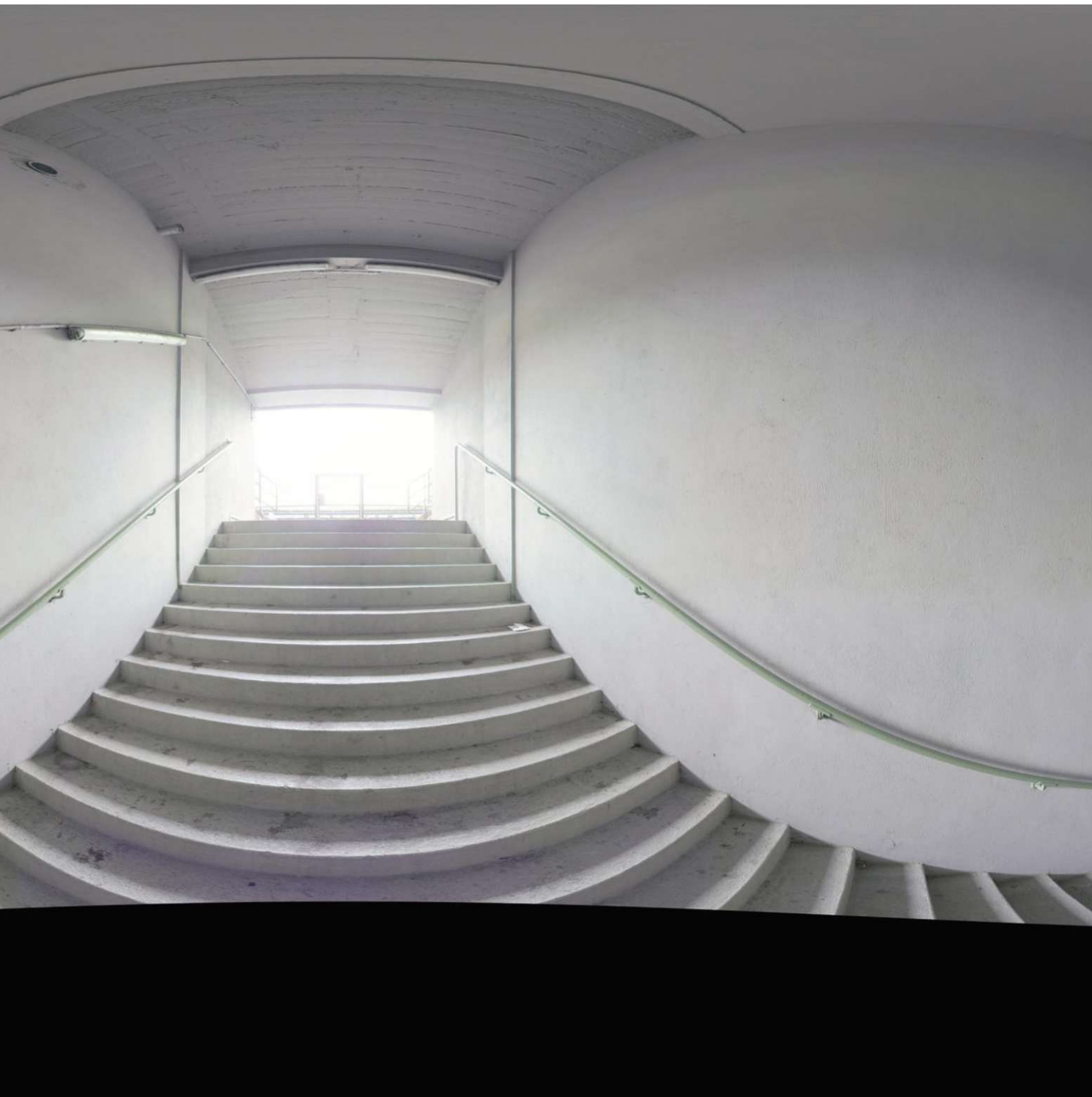
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_073.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

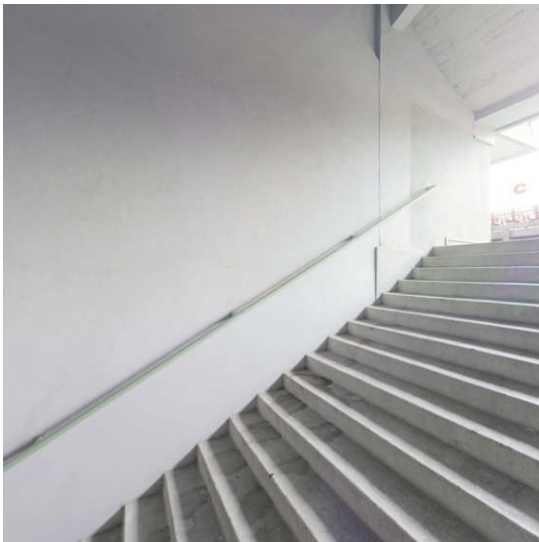
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

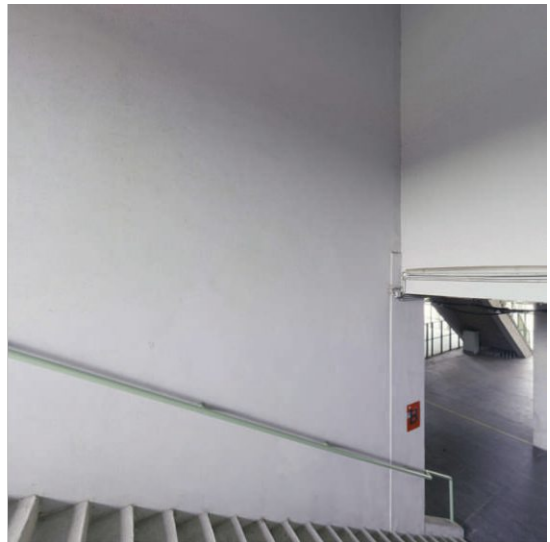
X = -105110.46031

Y = -15099.10634

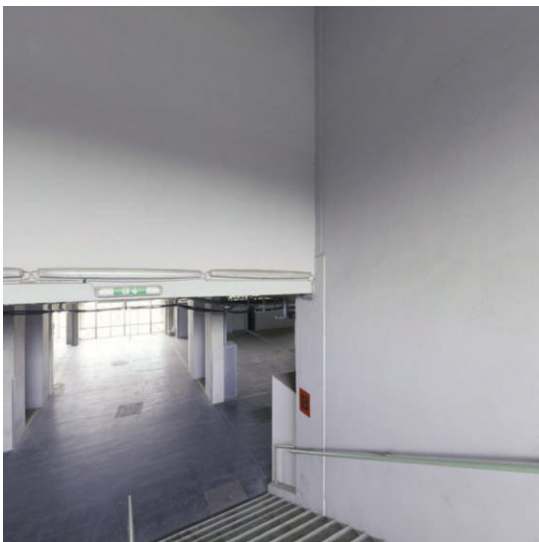
Z = 4736.34613



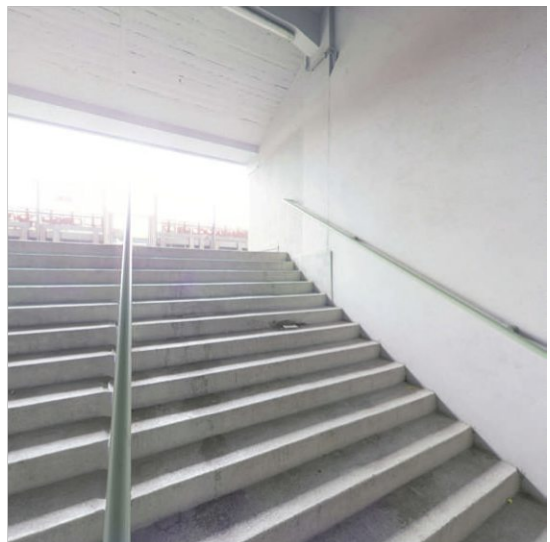
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_074_0.jpeg



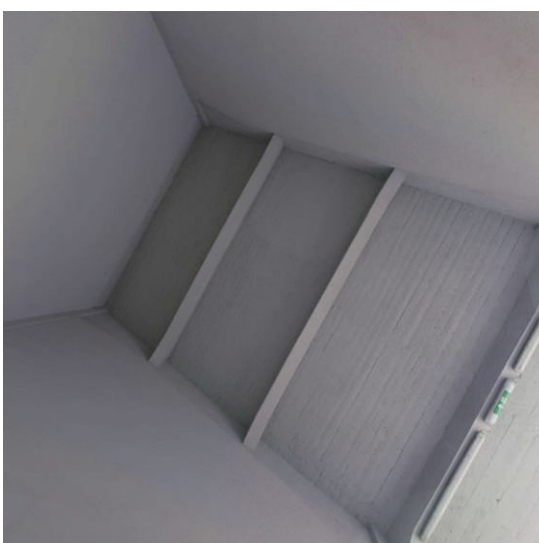
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_074_1.jpeg



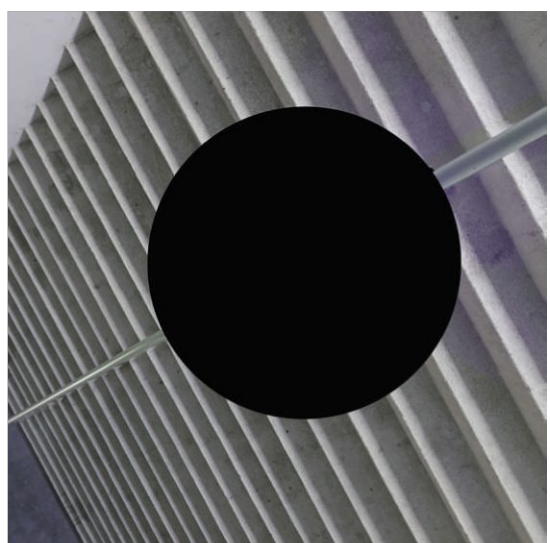
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_074_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_074_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_074_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_074_5.jpeg

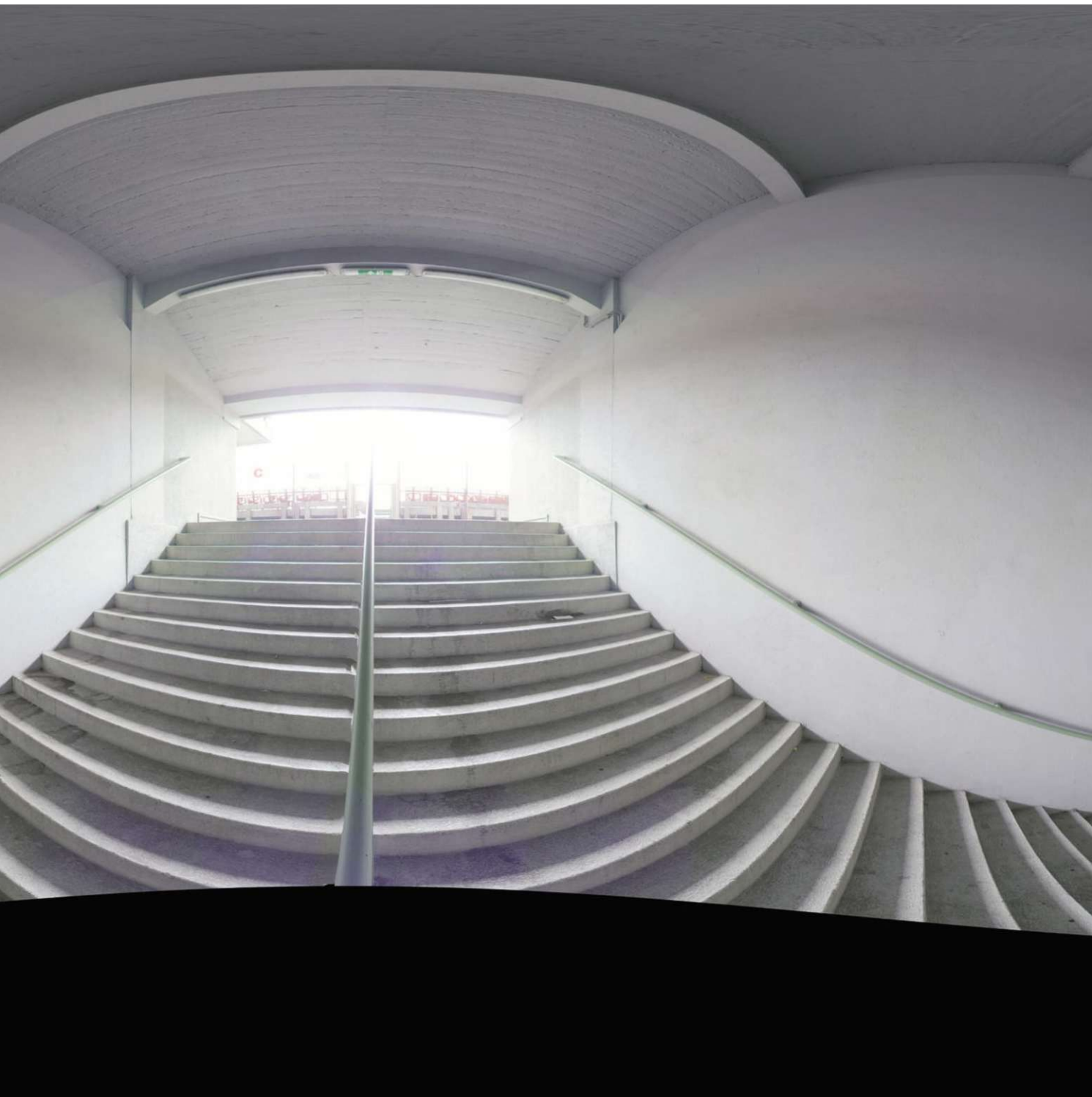
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_074.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

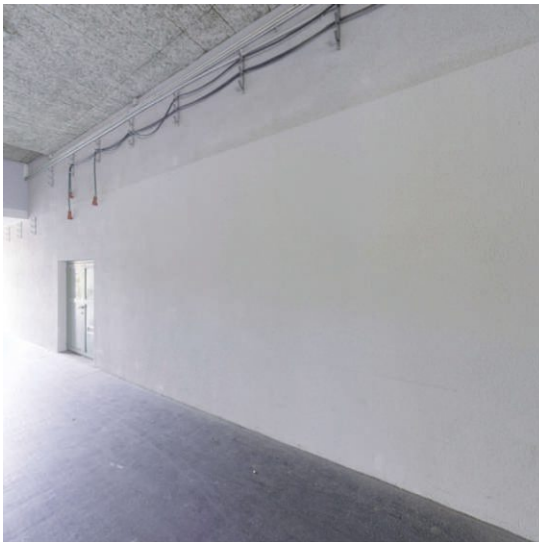
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

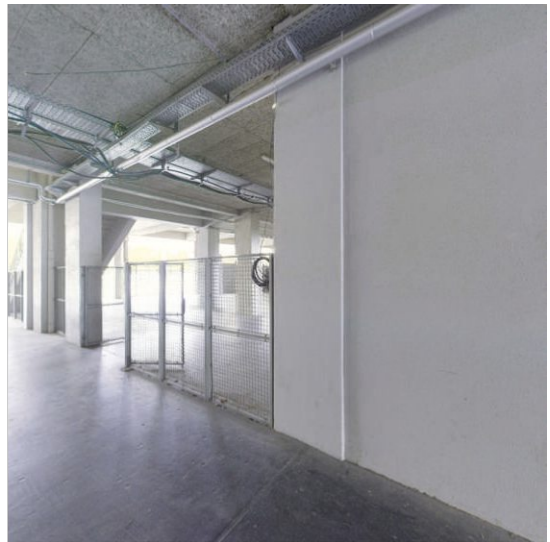
$X = -94379.49036$

$Y = -12378.41945$

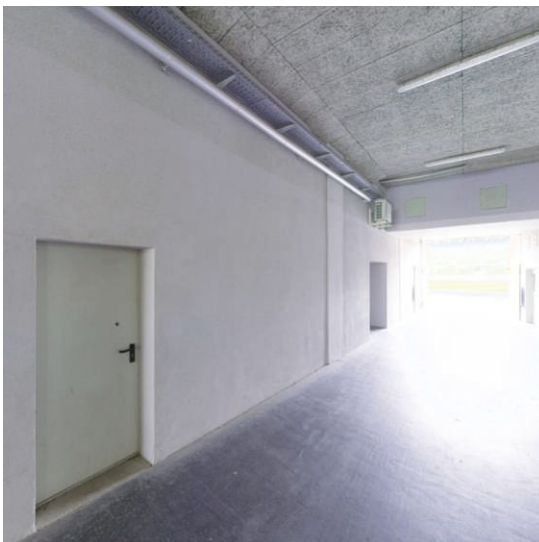
$Z = 1693.33696$



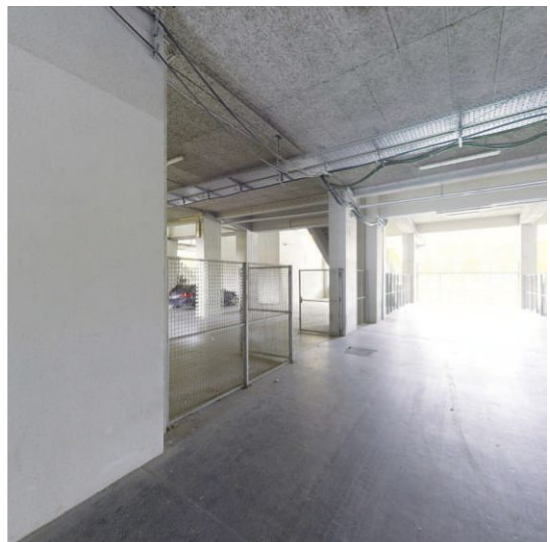
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_075_0.jpeg



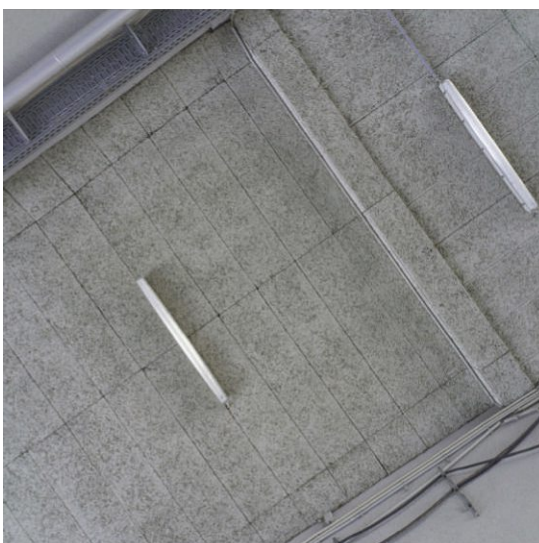
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_075_1.jpeg



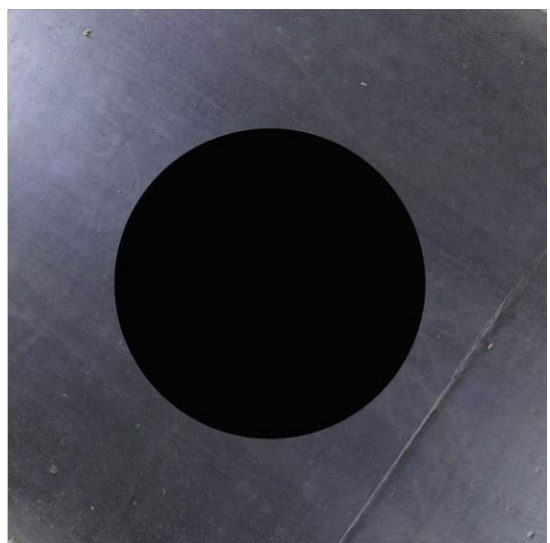
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_075_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_075_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_075_4.jpeg

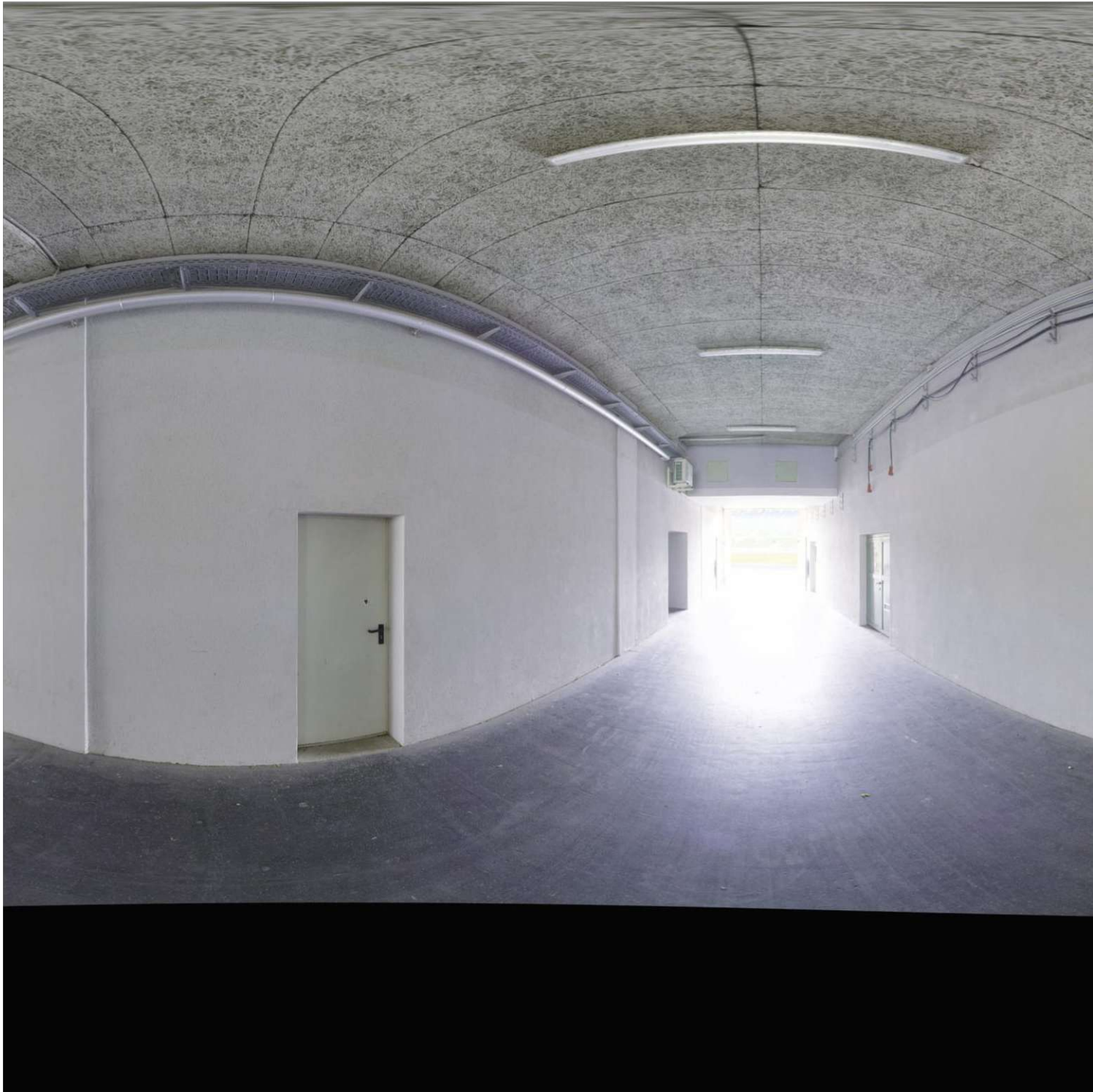


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_075_5.jpeg

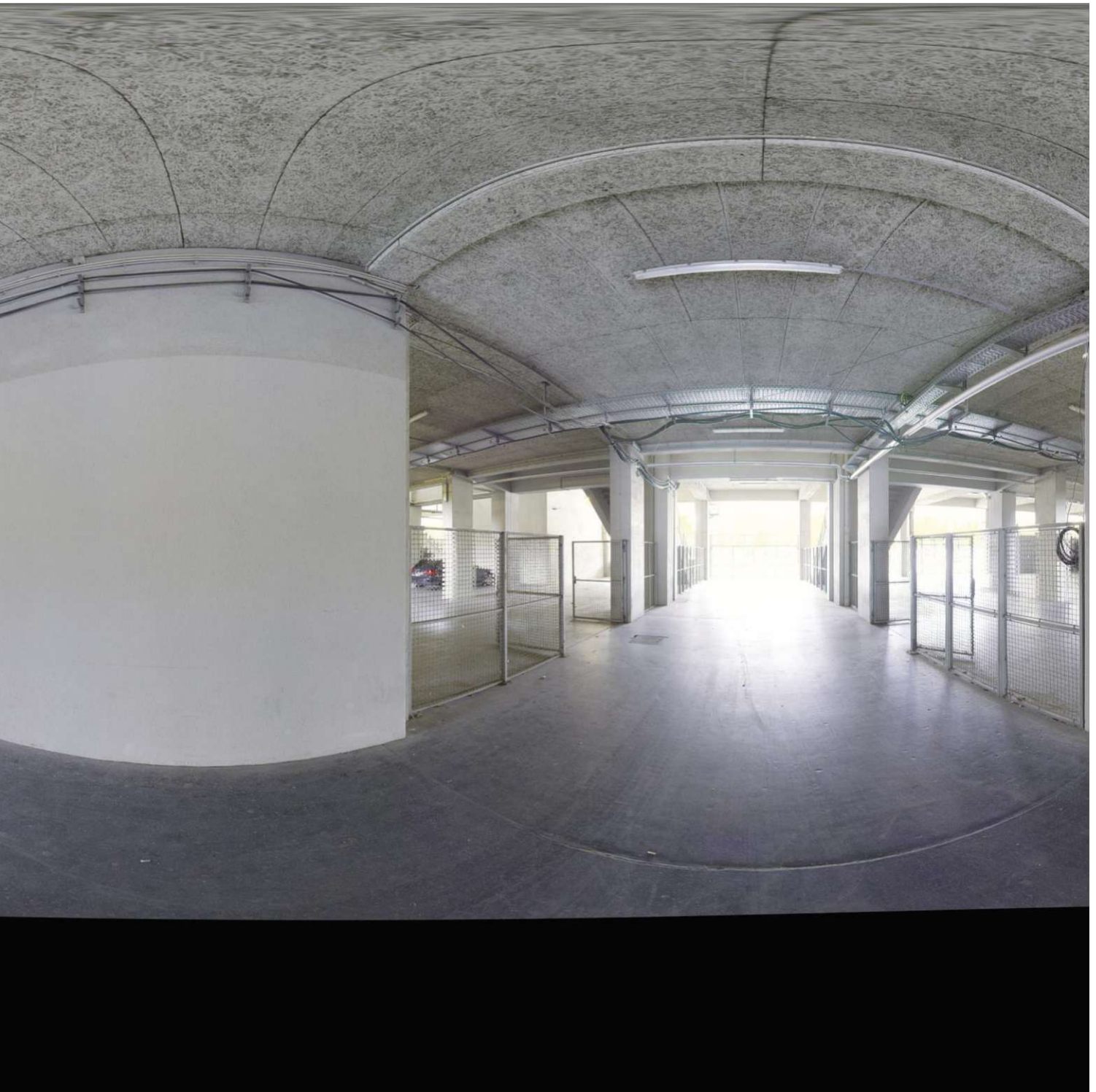
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_075.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -100200.89911

Y = -2959.00012

Z = 1597.14298



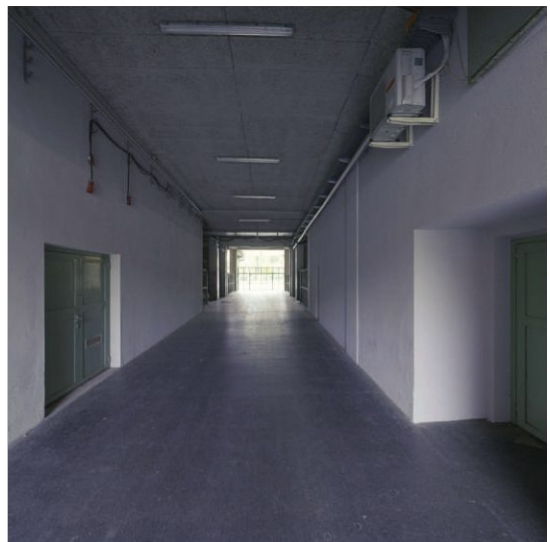
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_076_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_076_1.jpeg



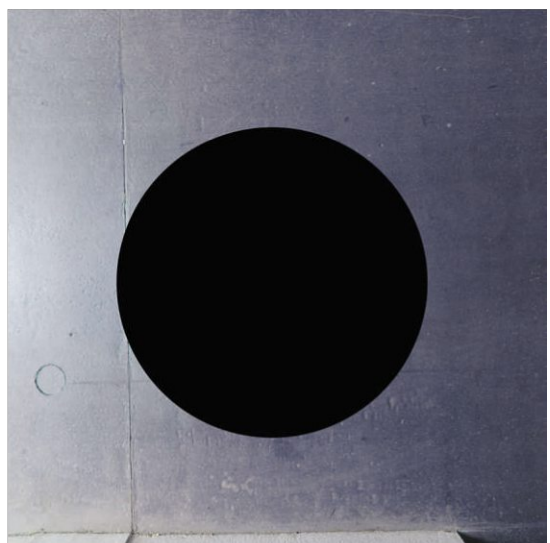
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_076_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_076_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_076_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_076_5.jpeg

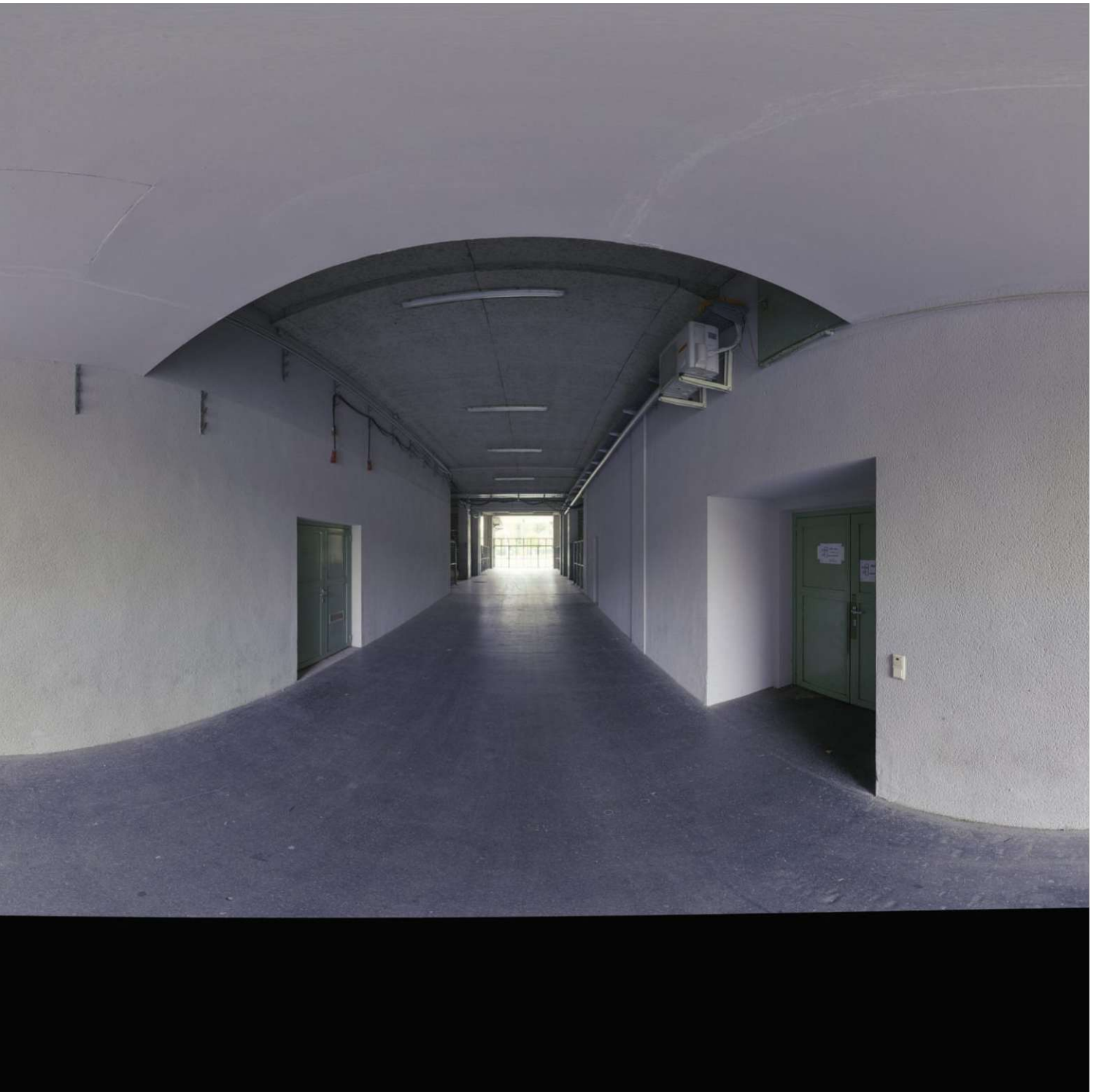
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_076.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -96053.24986$

$Y = -7242.72222$

$Z = 1644.94396$



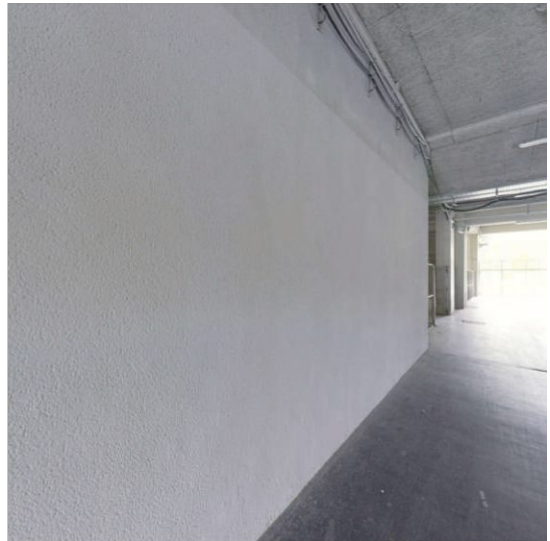
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_077_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_077_1.jpeg



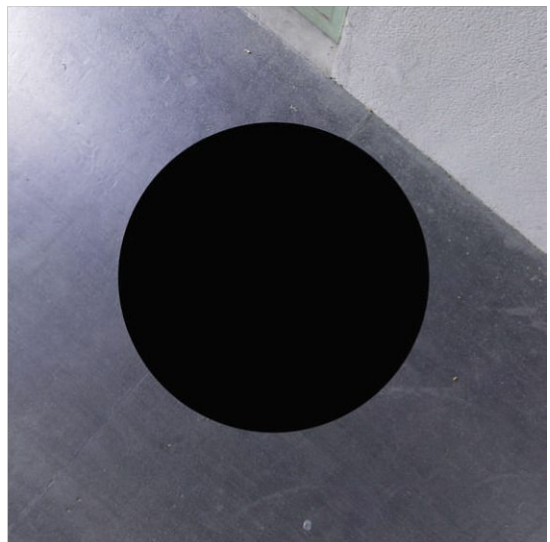
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_077_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_077_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_077_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_077_5.jpeg

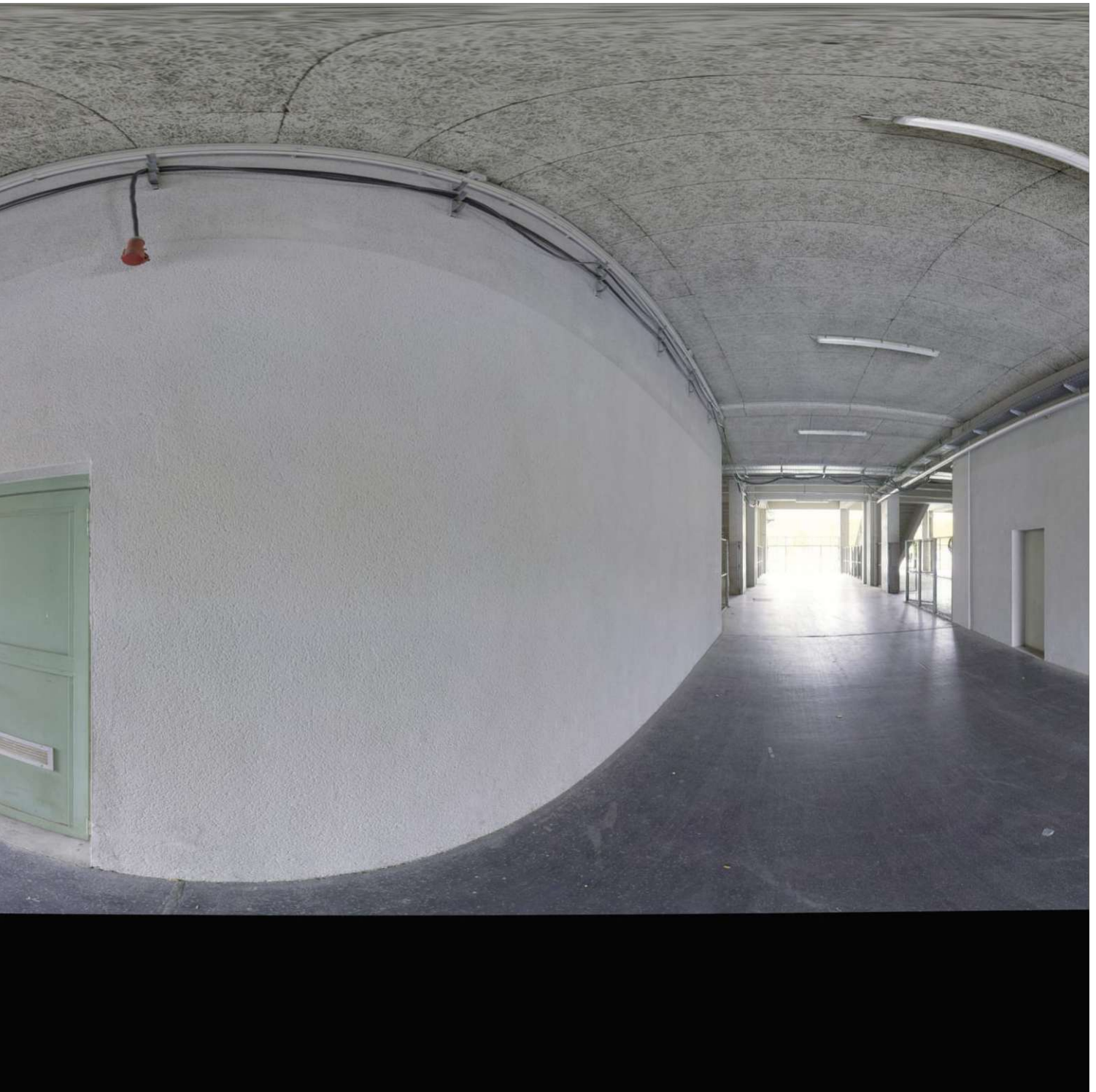
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_077.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -102716.01137$

$Y = 2372.52233$

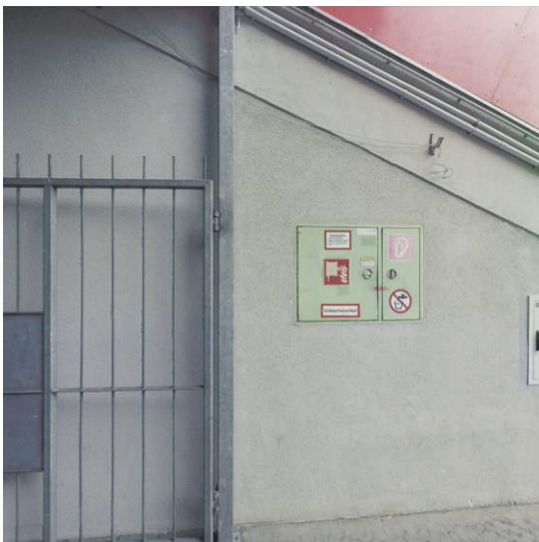
$Z = 1555.5947$



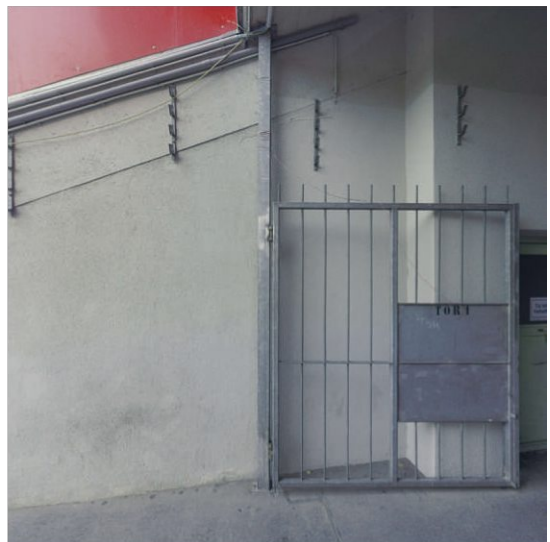
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_078_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_078_1.jpeg



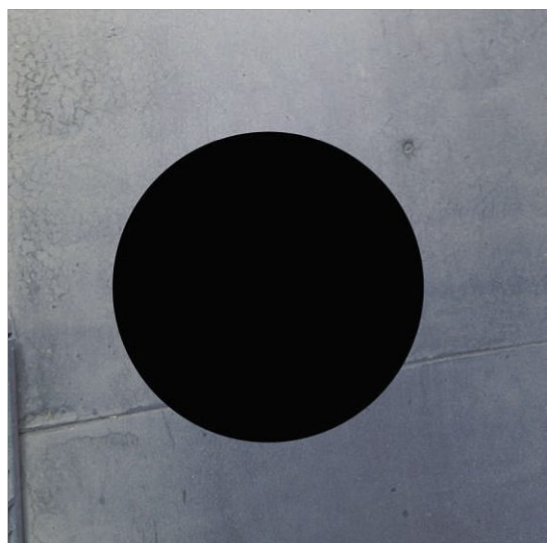
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_078_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_078_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_078_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_078_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_078.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

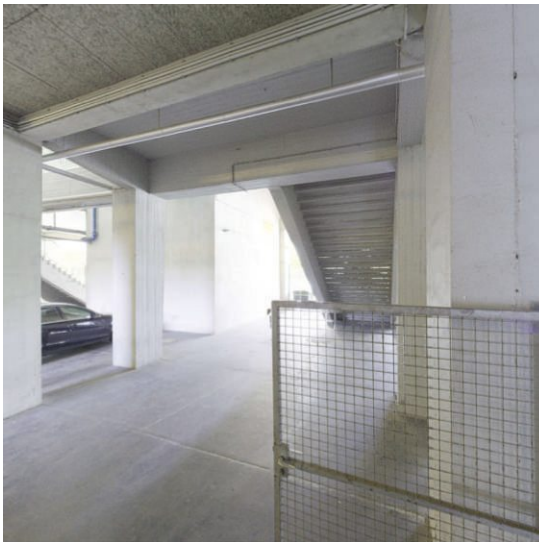
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

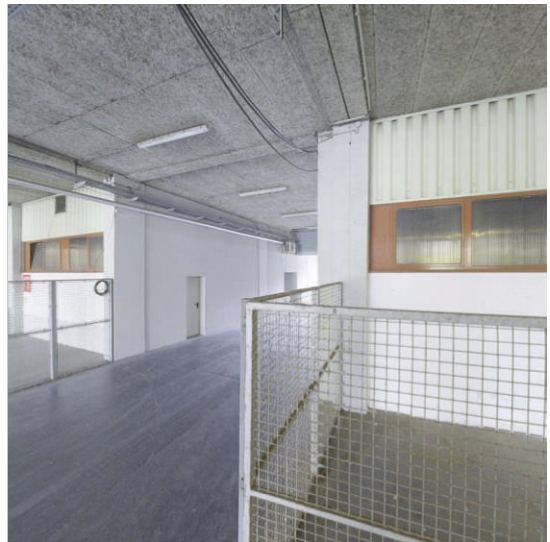
$X = -88167.94558$

$Y = -15772.34783$

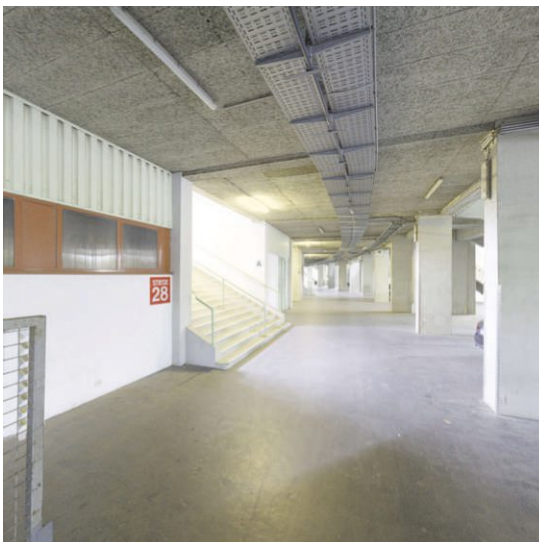
$Z = 2045.73429$



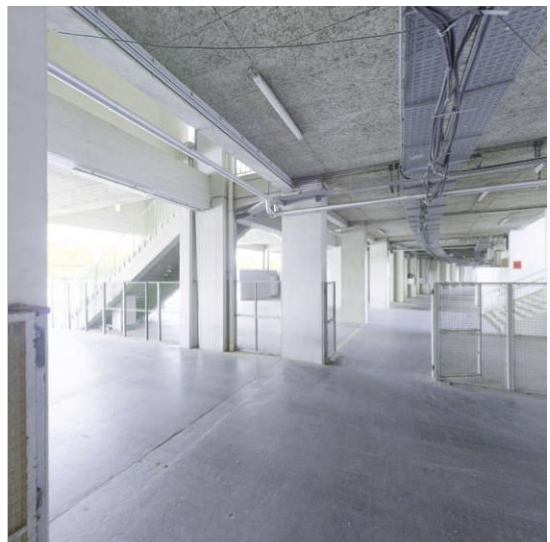
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_079_0.jpeg



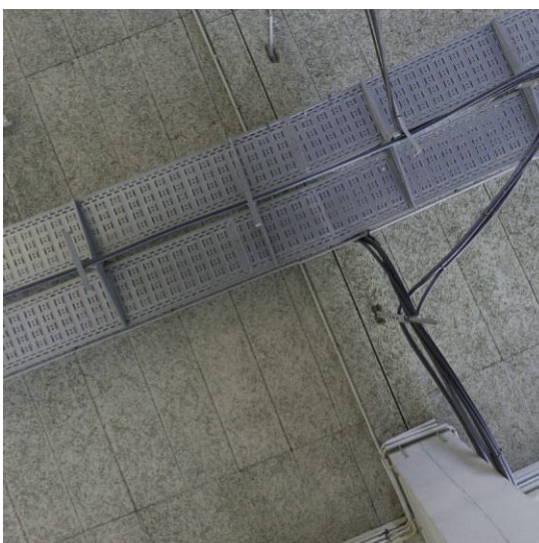
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_079_1.jpeg



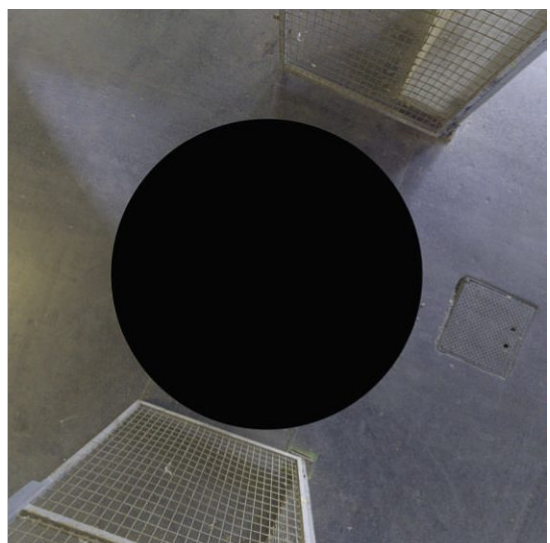
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_079_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_079_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_079_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_079_5.jpeg

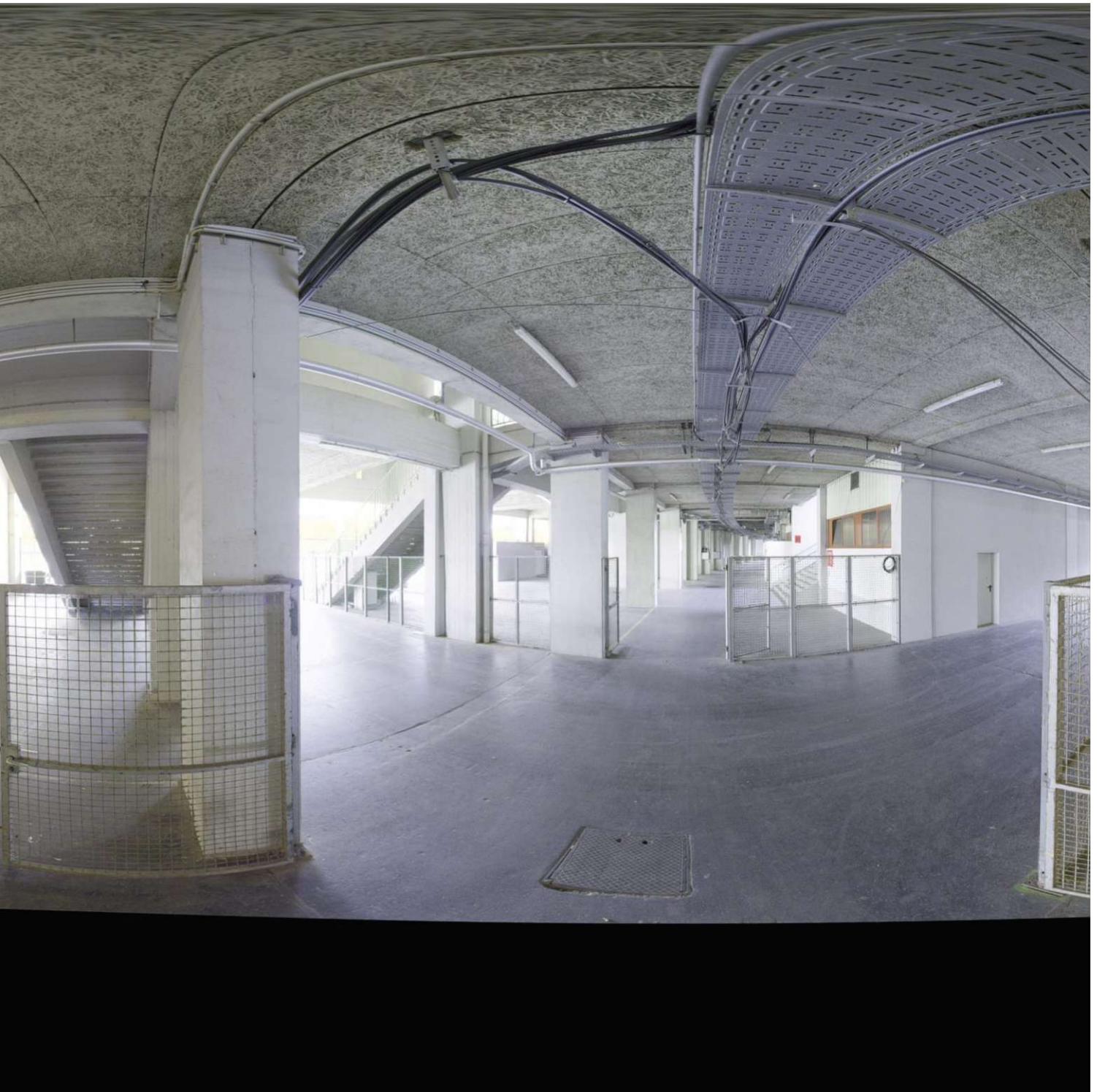
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_079.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

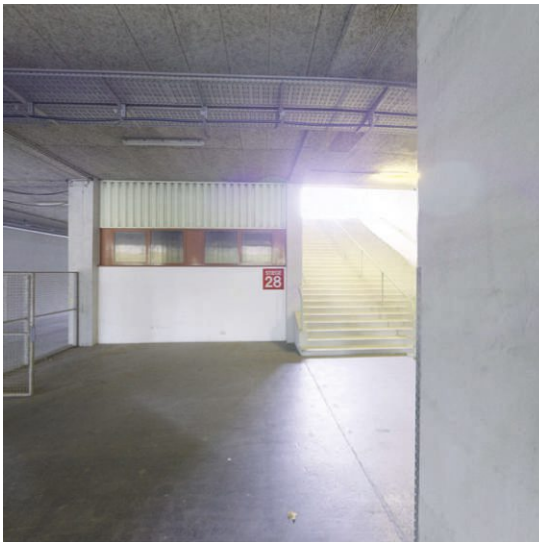
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -82838.83541

Y = -16089.72658

Z = 1865.71507



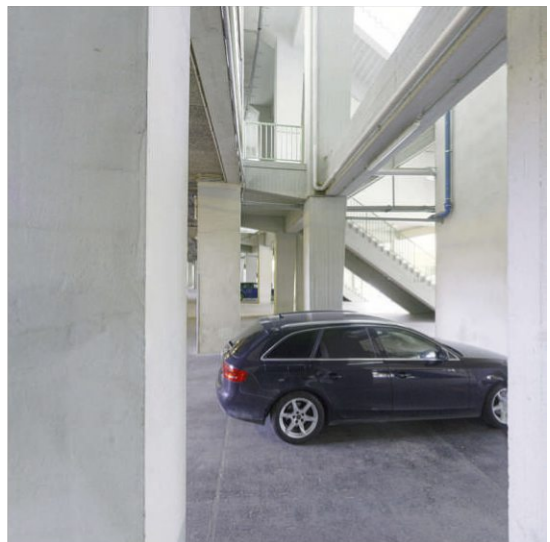
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_080_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_080_1.jpeg



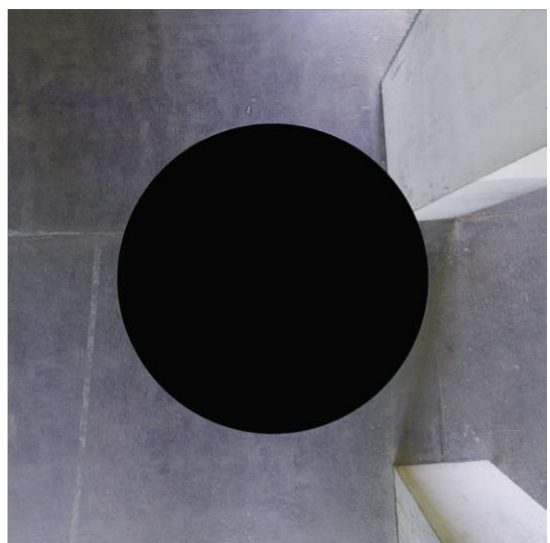
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_080_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_080_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_080_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_080_5.jpeg

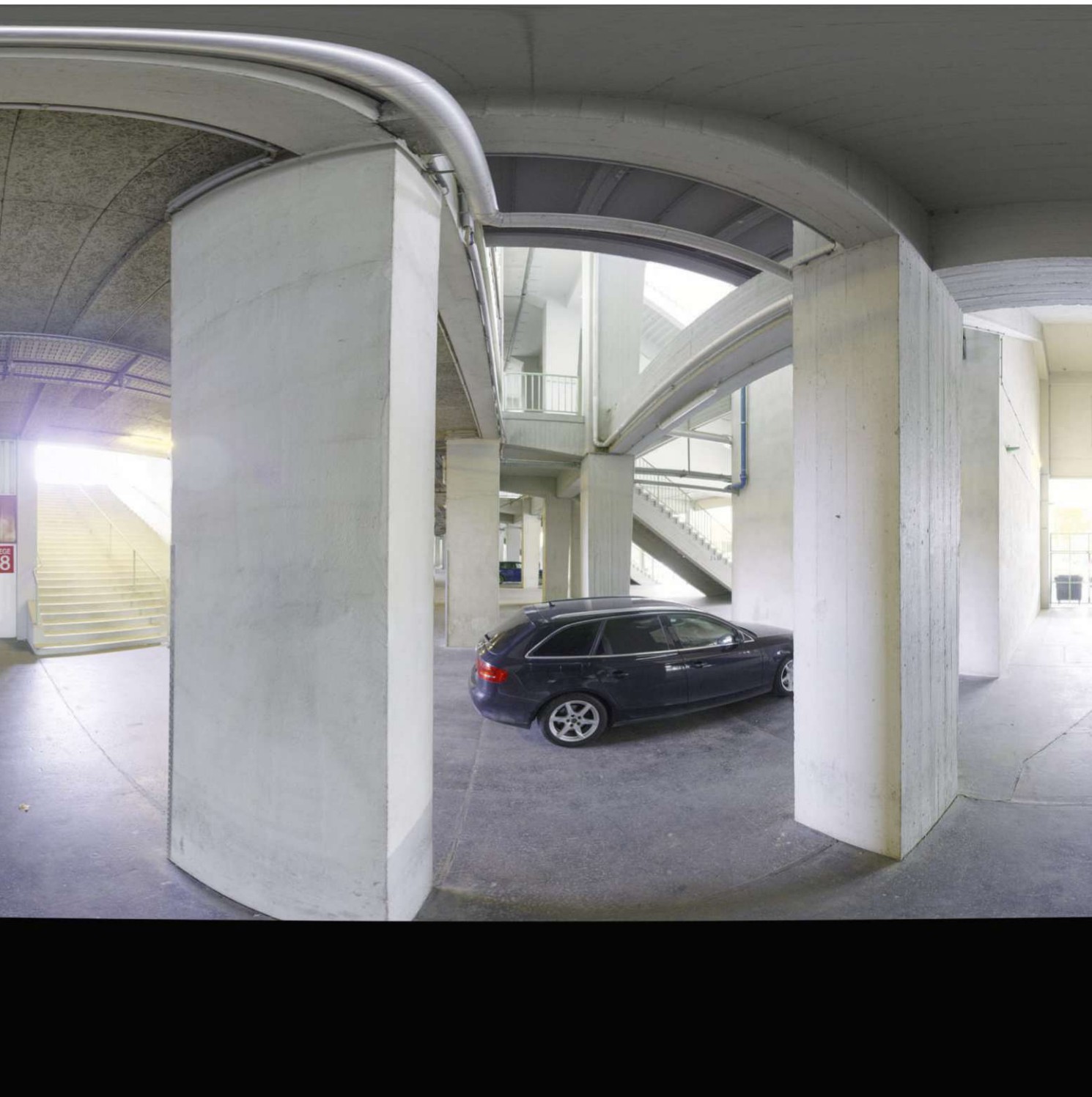
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_080.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -79127.67369

Y = -26088.53996

Z = 1743.97351



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_081_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_081_1.jpeg



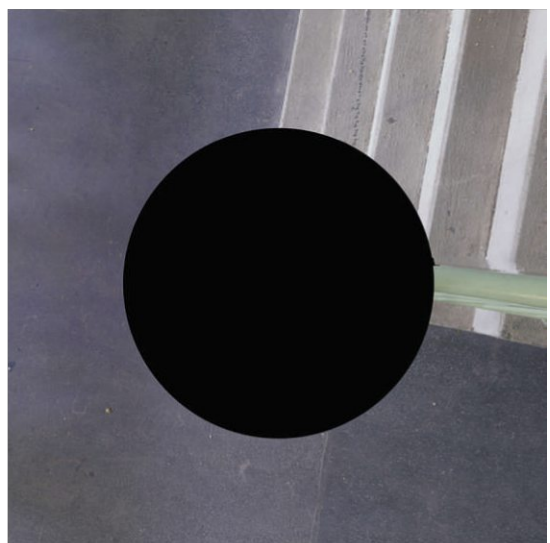
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_081_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_081_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_081_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_081_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_081.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

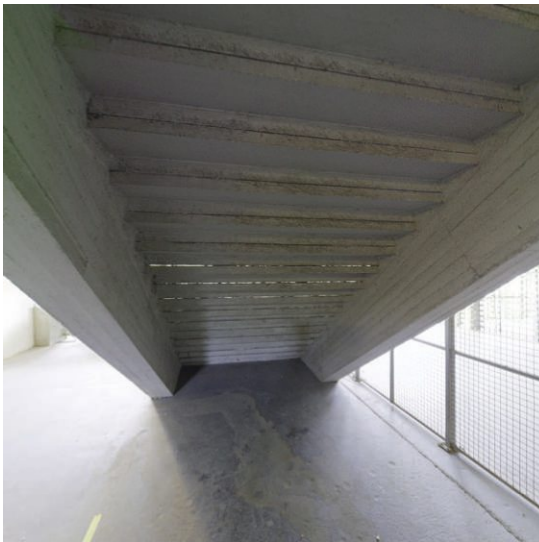
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

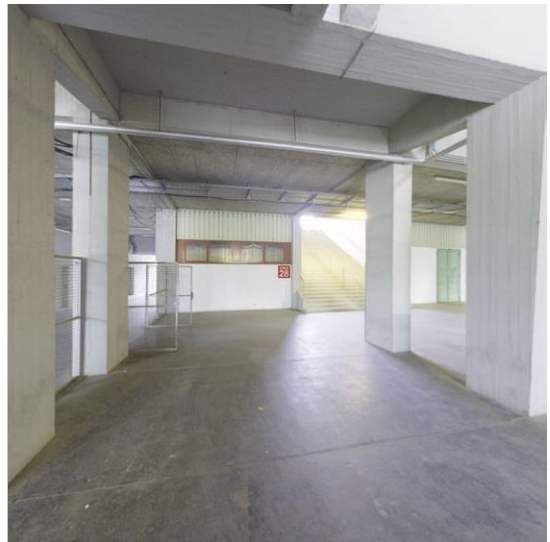
X = -82785.68644

Y = -21706.72595

Z = 1624.55324



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_082_0.jpeg



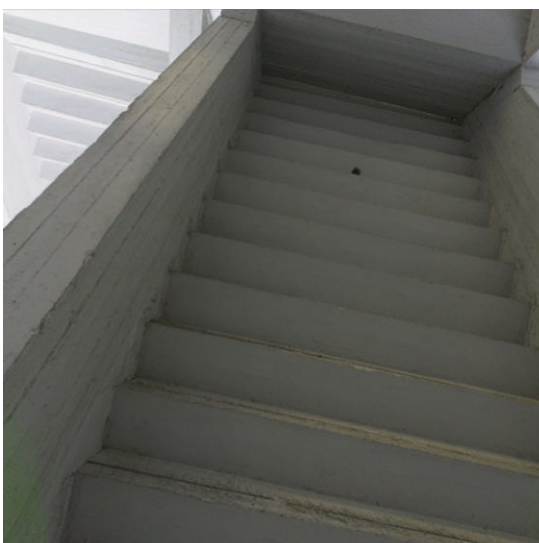
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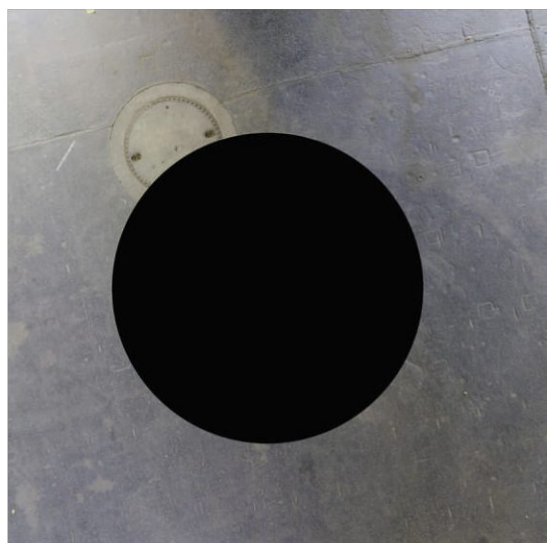
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_082_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_082_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_082_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_082_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_082.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

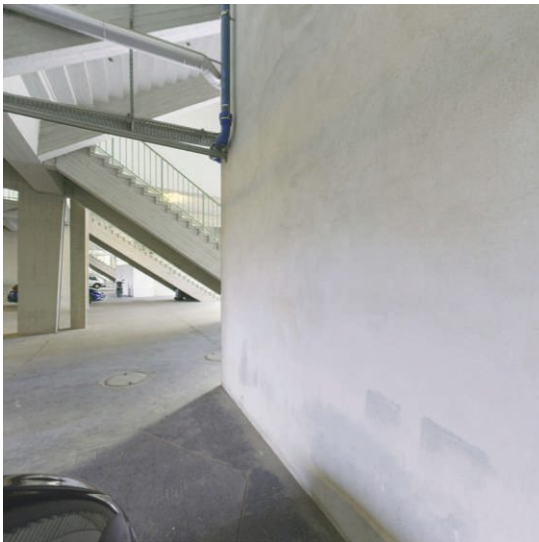
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -77908.70354

Y = -17596.61758

Z = 1619.64008



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_083_0.jpeg



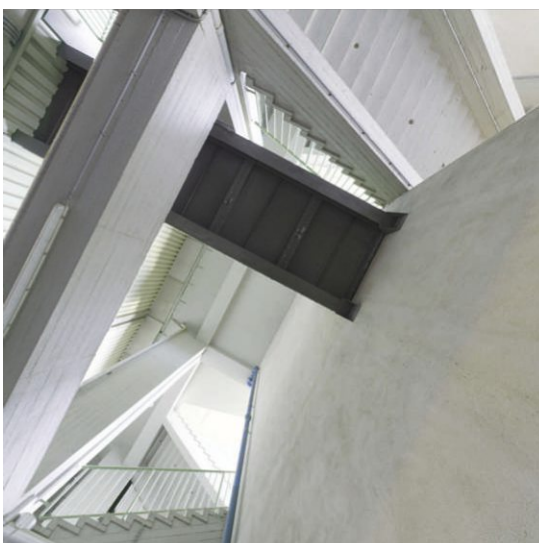
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_083_1.jpeg



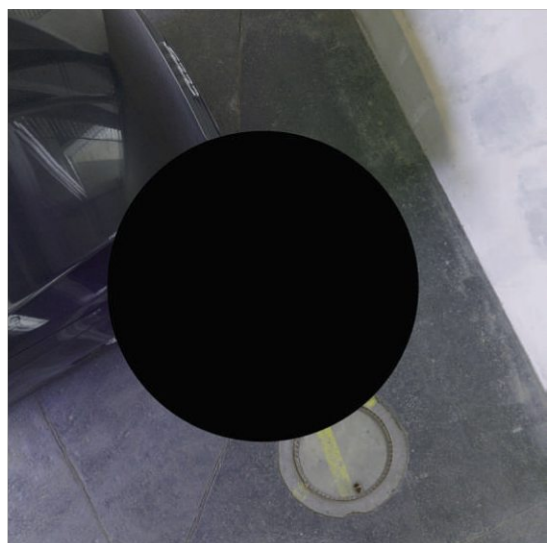
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_083_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_083_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_083_4.jpeg

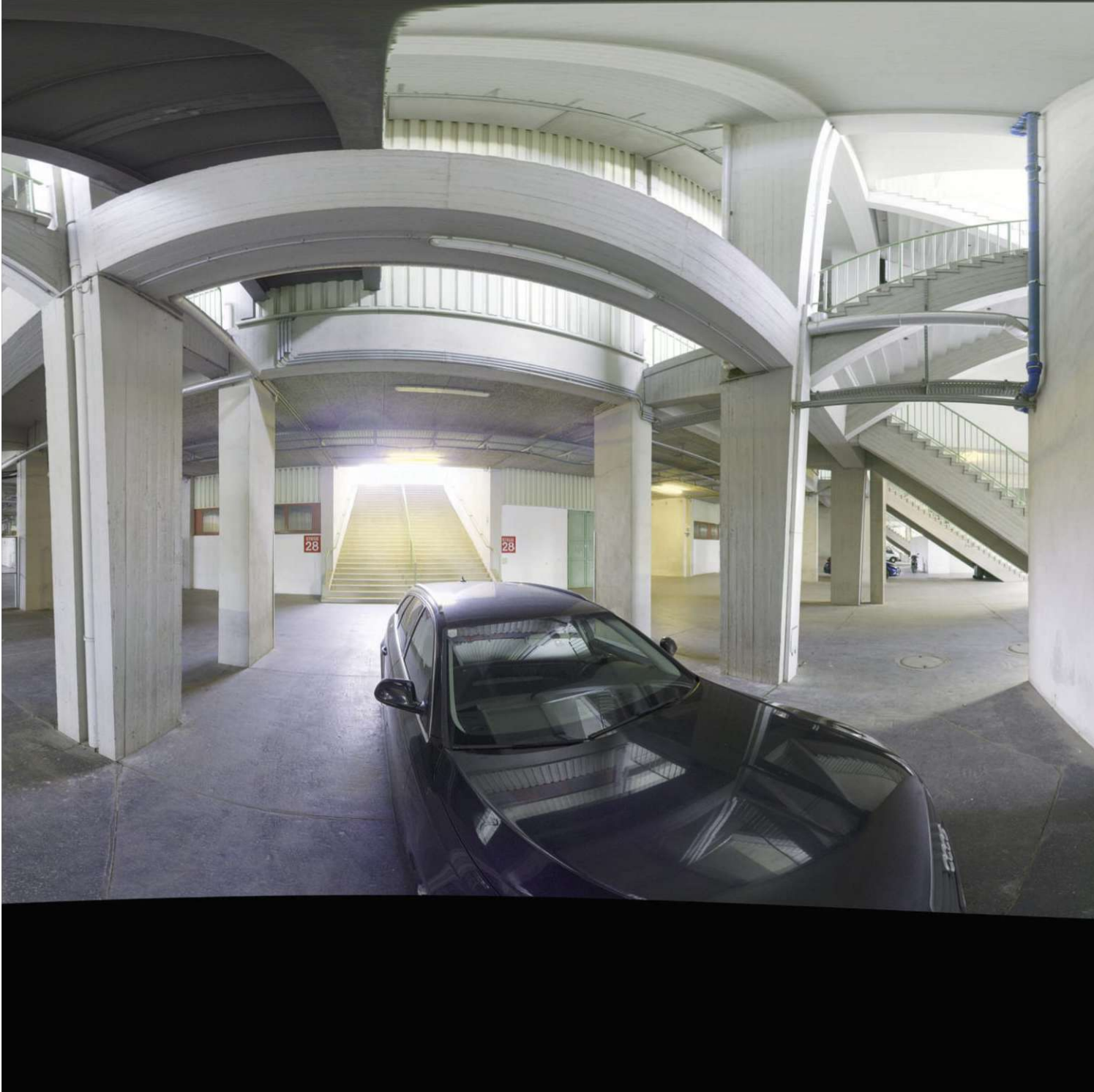


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_083_5.jpeg

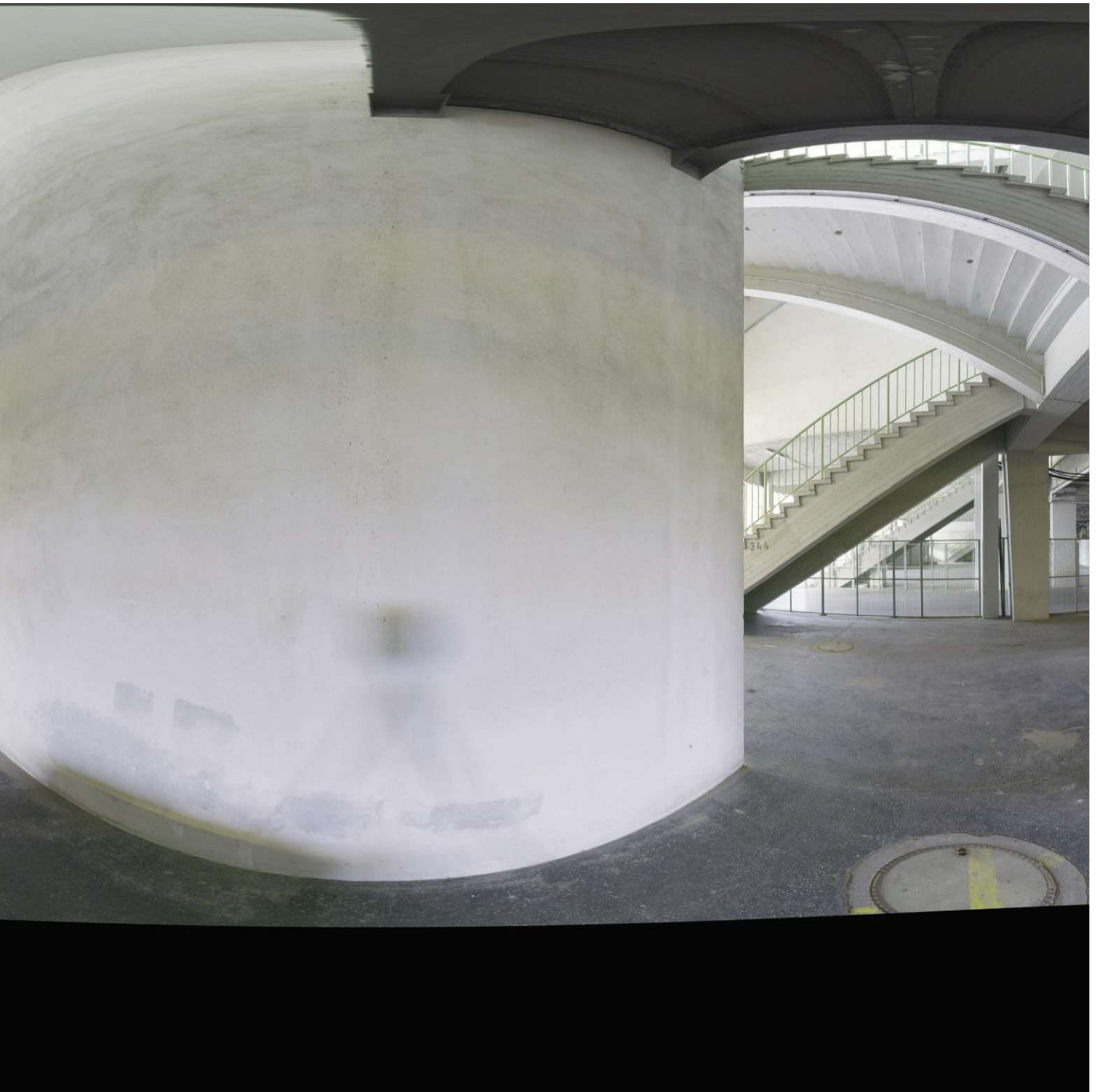
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_083.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

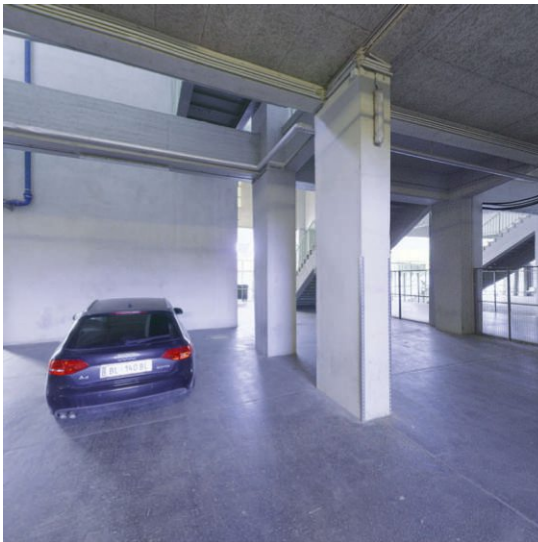
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -82134.68966$

$Y = -10776.11252$

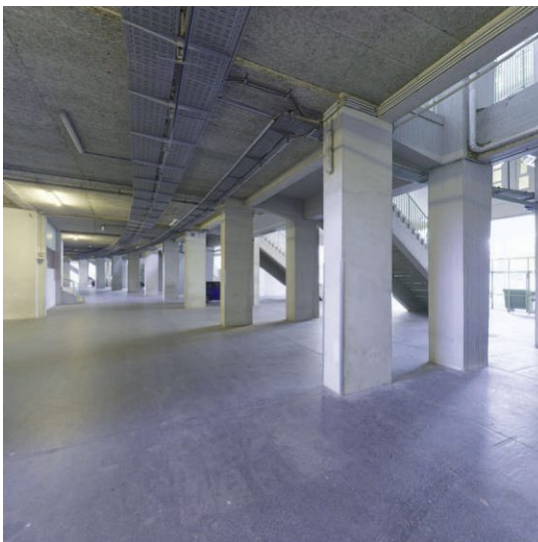
$Z = 1697.96084$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_084_0.jpeg



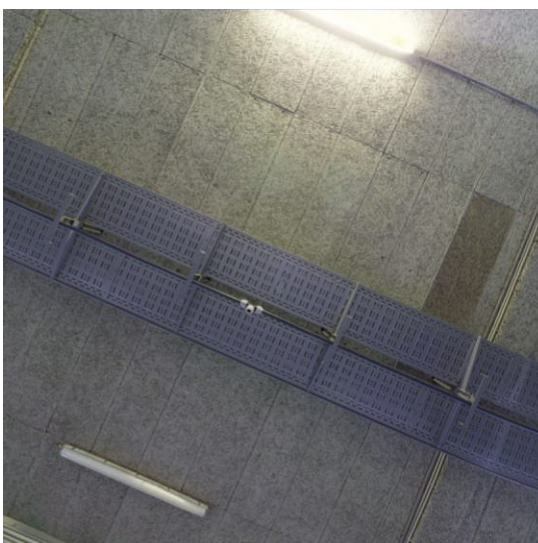
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_084_1.jpeg



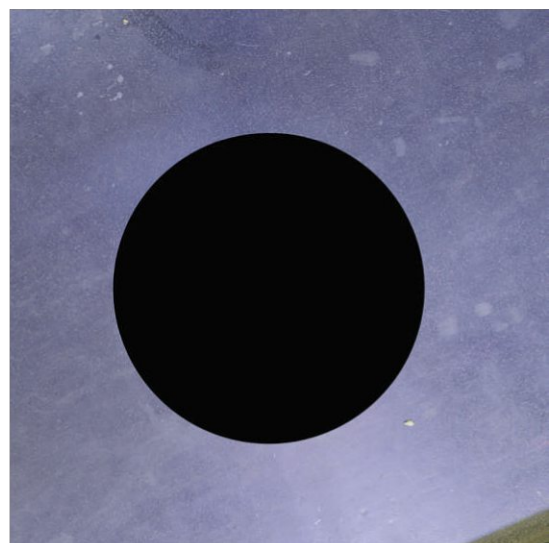
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_084_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_084_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_084_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_084_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_084.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

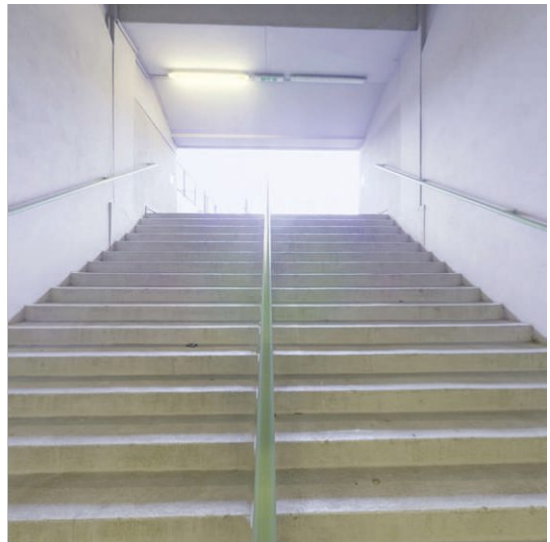
$X = -85335.88158$

$Y = -5529.47386$

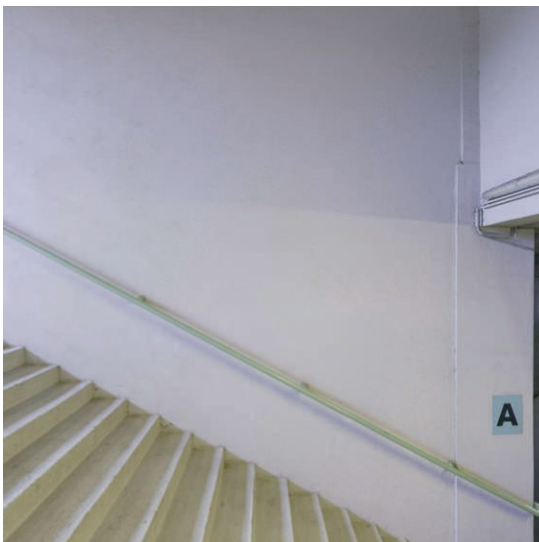
$Z = 3972.32312$



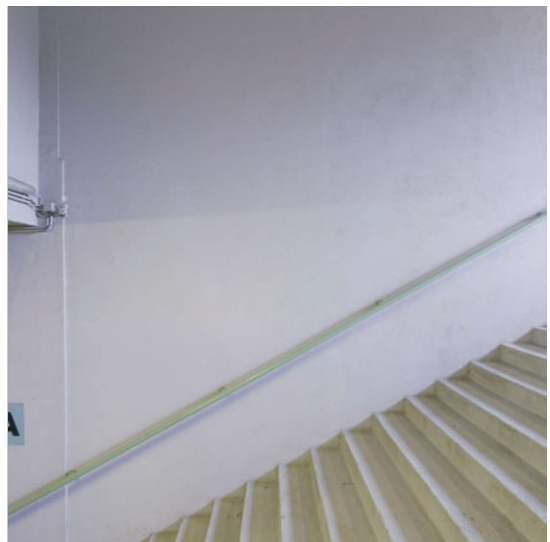
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_085_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_085_1.jpeg



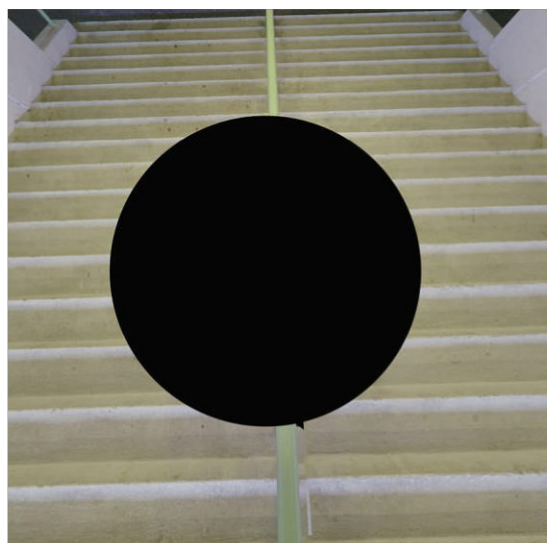
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_085_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_085_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_085_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_085_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_085.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

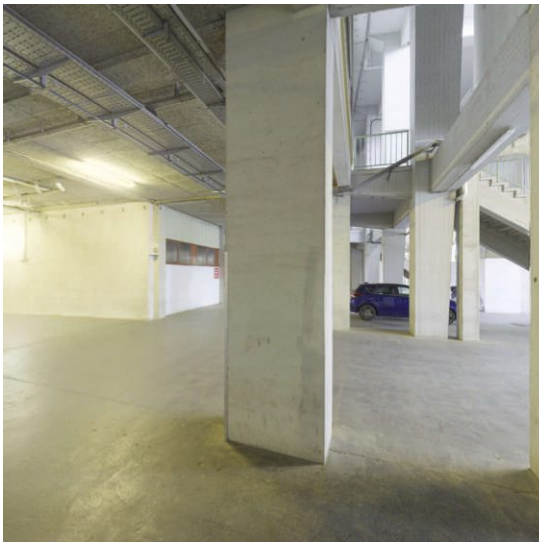
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -74294.16811

Y = -9941.61353

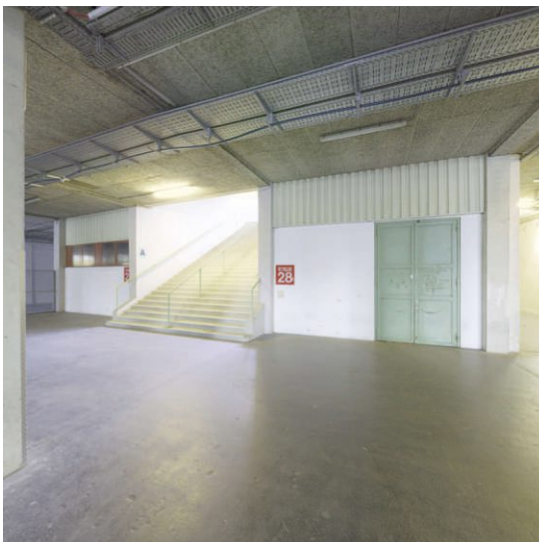
Z = 1680.96771



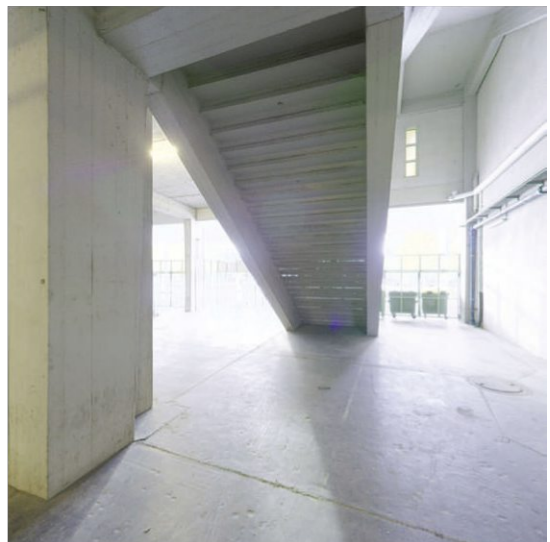
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_086_0.jpeg



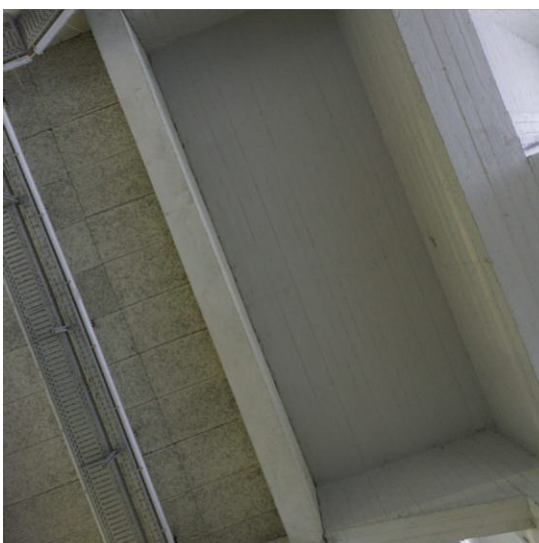
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_086_1.jpeg



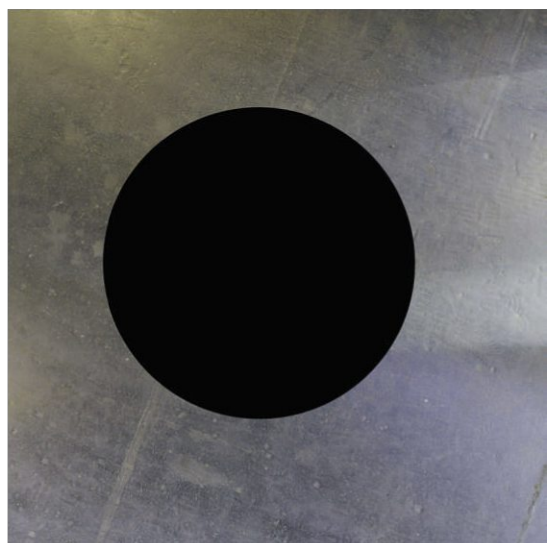
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_086_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_086_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_086_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_086_5.jpeg

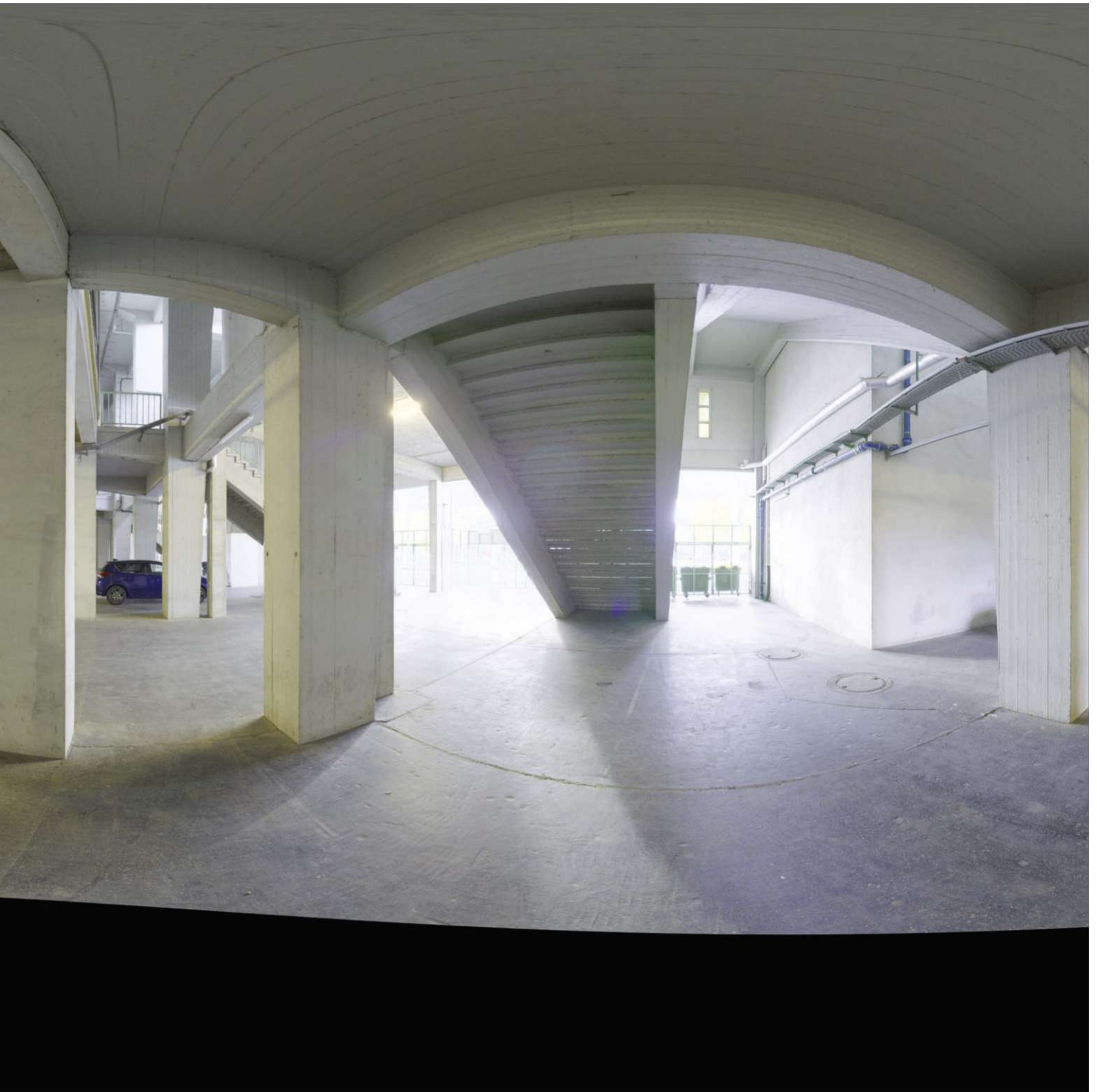
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_086.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -68217.29111$

$Y = -19631.96425$

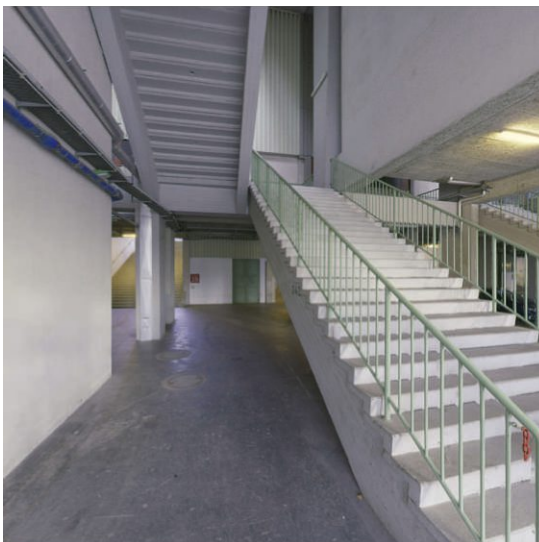
$Z = 1900.81915$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_087_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_087_1.jpeg



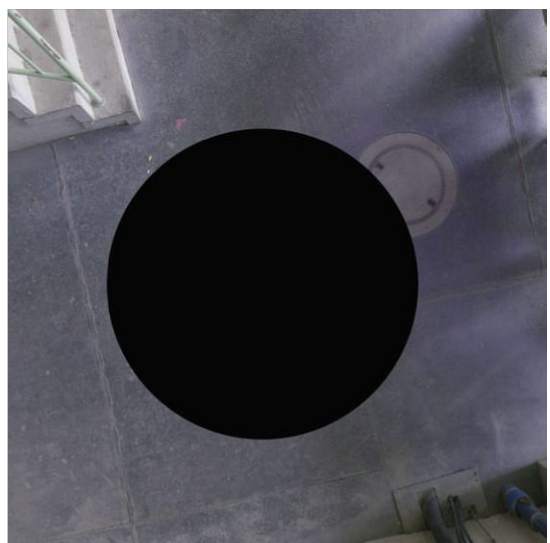
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_087_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_087_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_087_4.jpeg

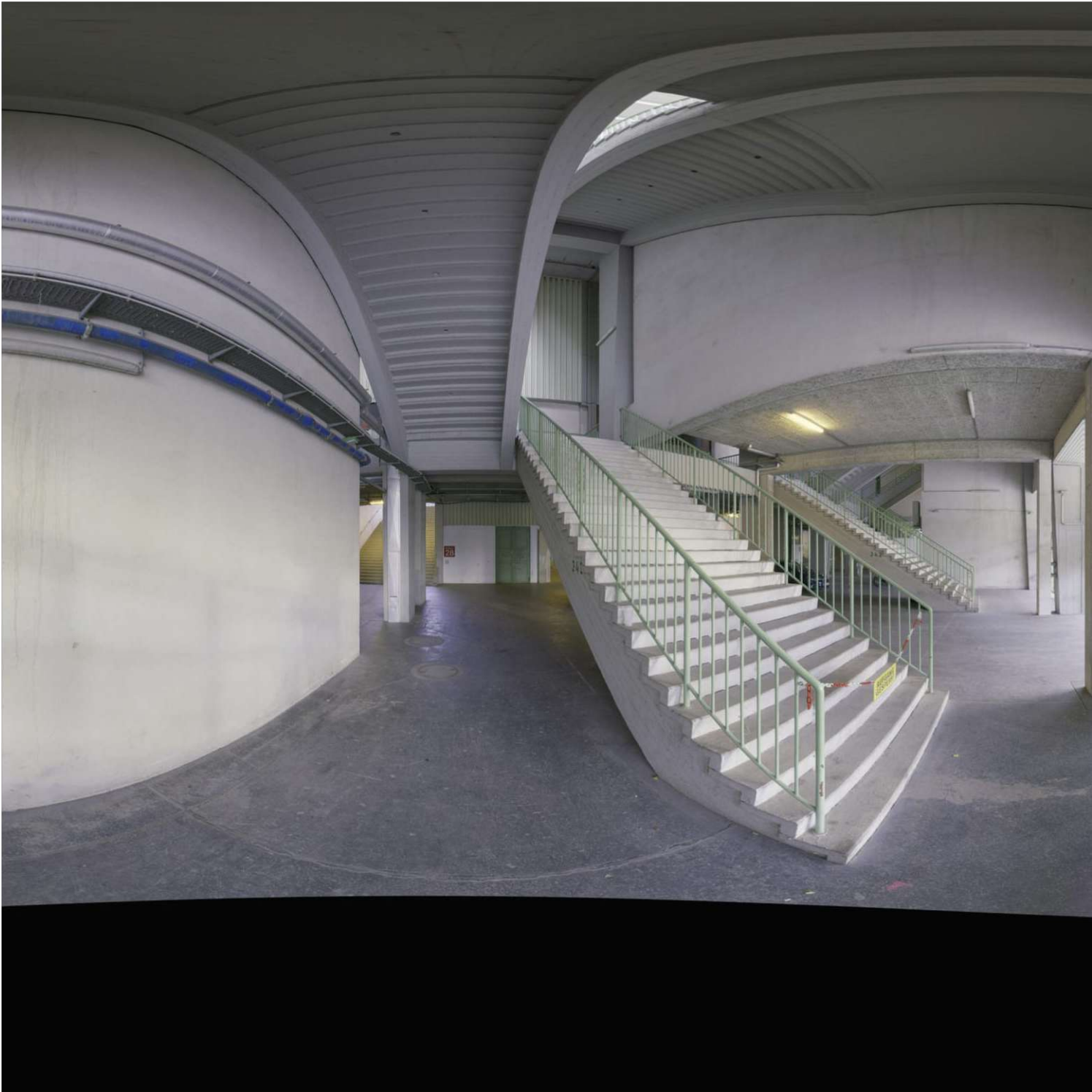


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_087_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_087.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -66252.13318$

$Y = -17635.80427$

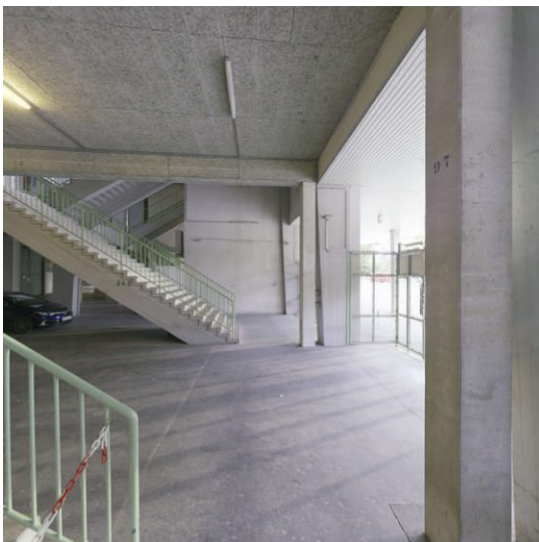
$Z = 1908.37628$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_088_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_088_1.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_088_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_088_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_088_4.jpeg

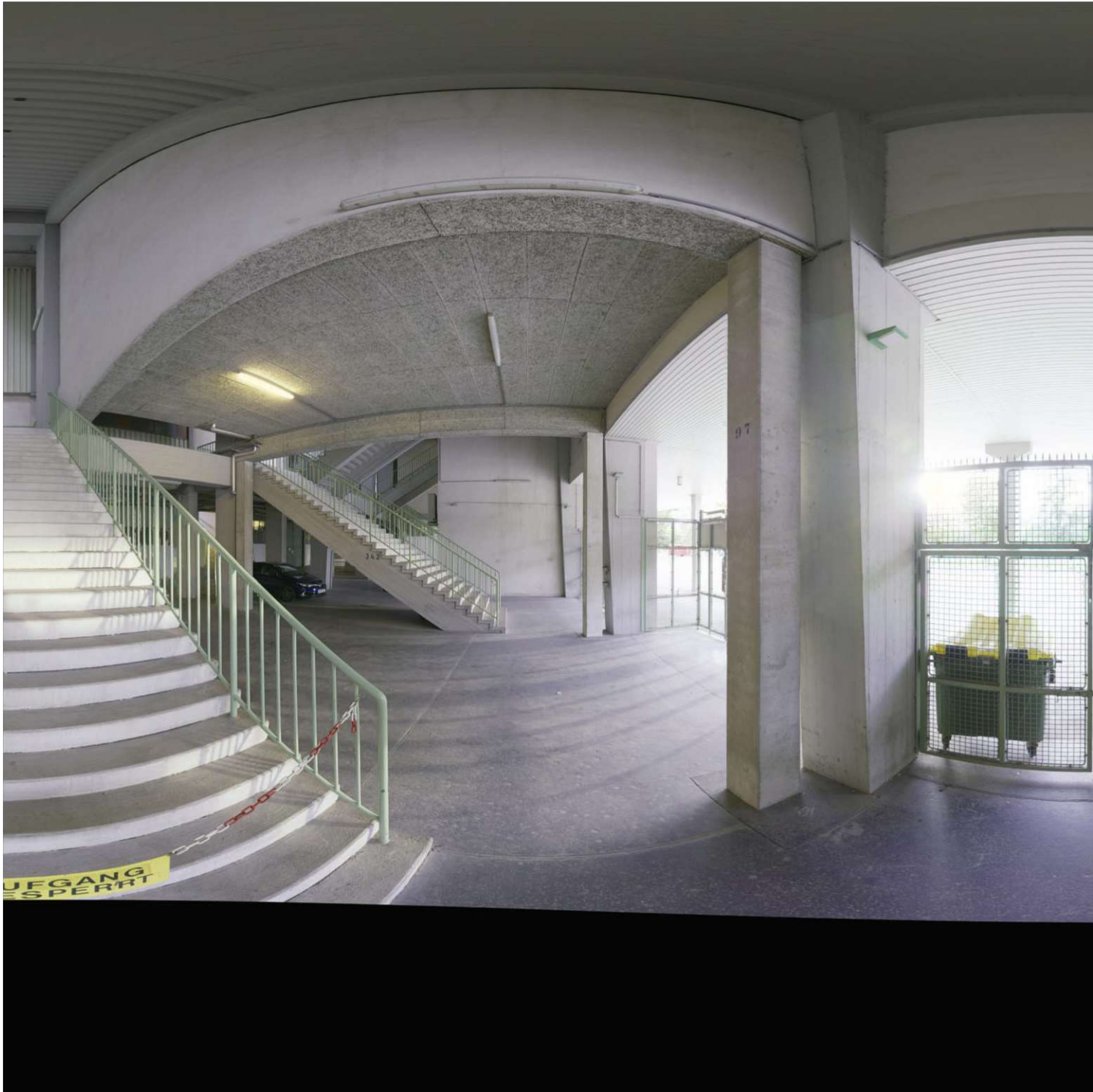


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_088_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_088.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

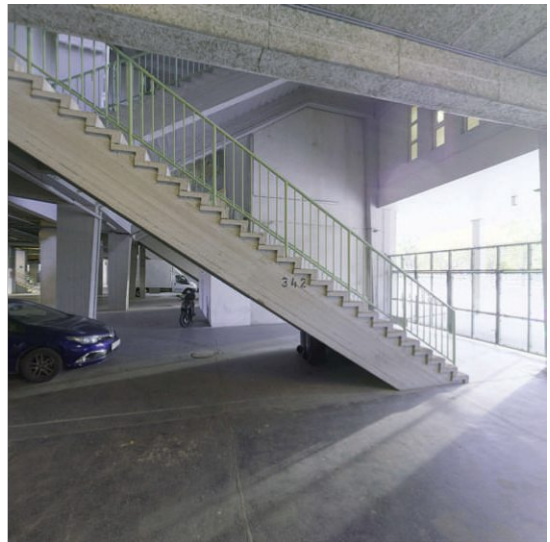
X = -66408.4704

Y = -10887.56454

Z = 1810.96857



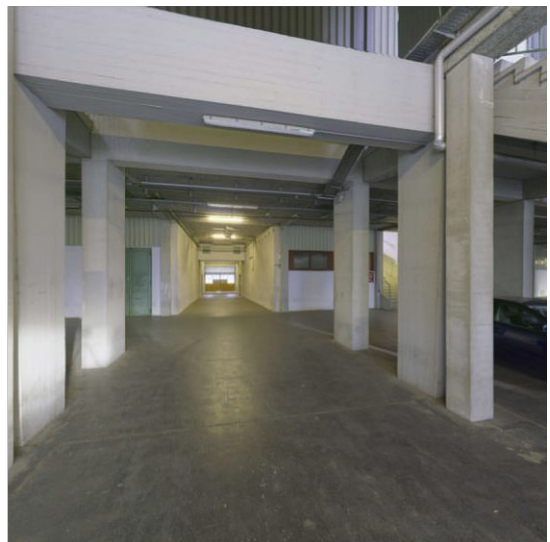
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_089_0.jpeg



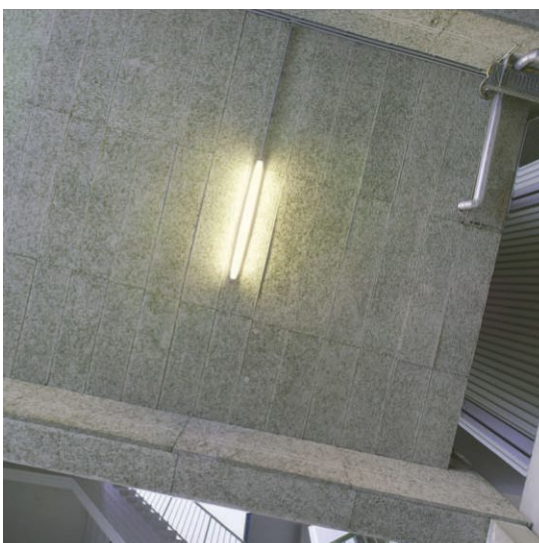
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_089_1.jpeg



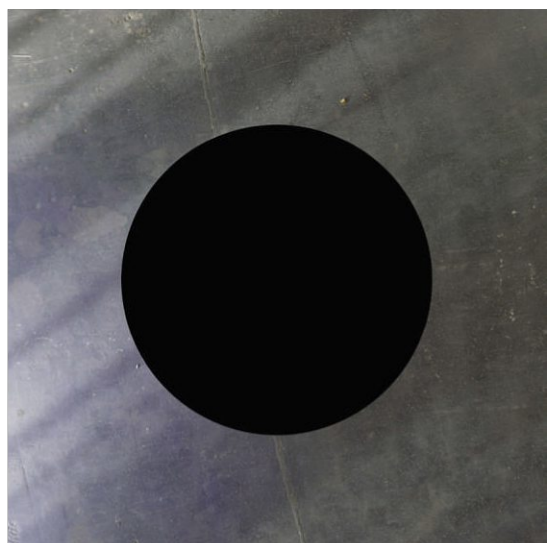
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_089_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_089_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_089_4.jpeg

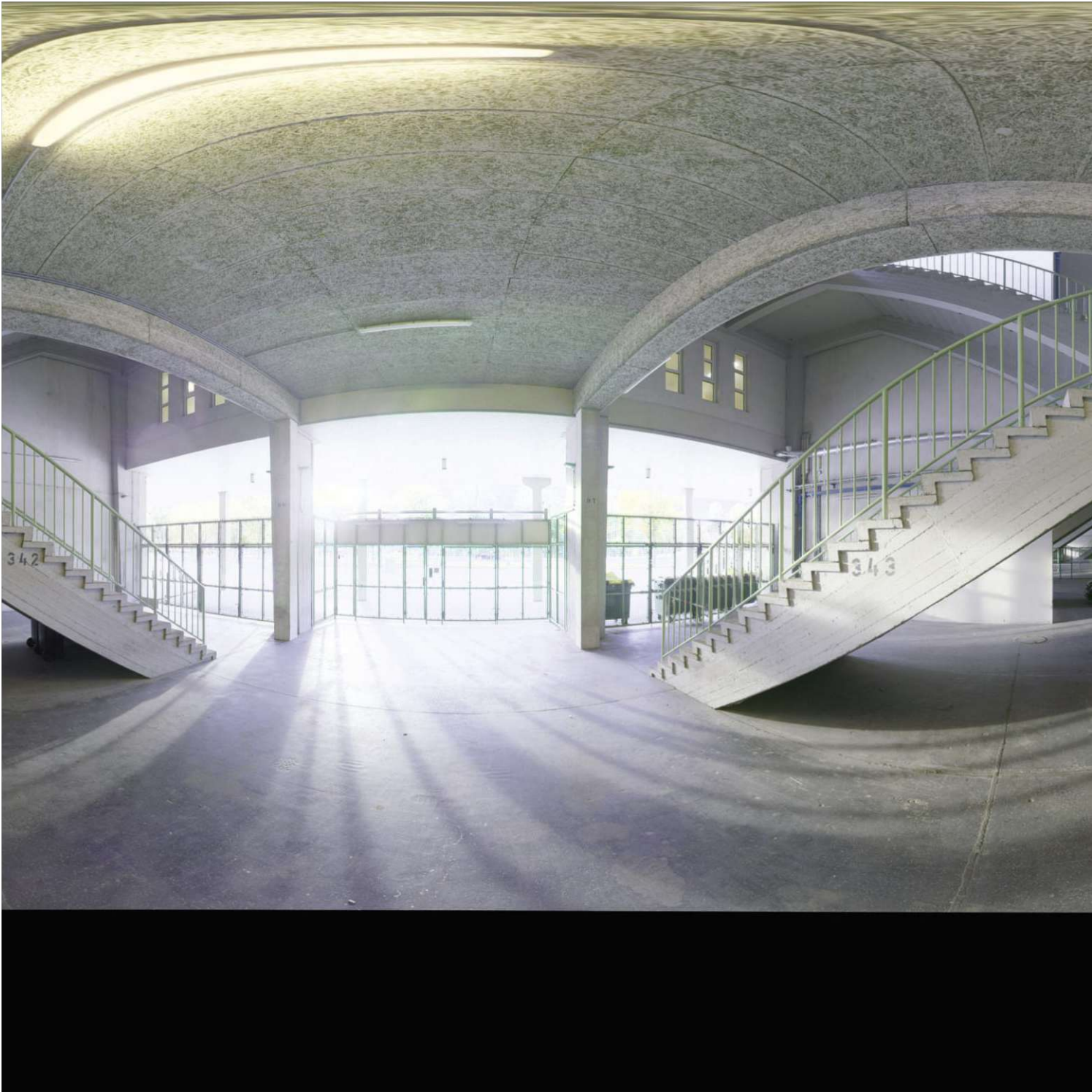


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_089_5.jpeg

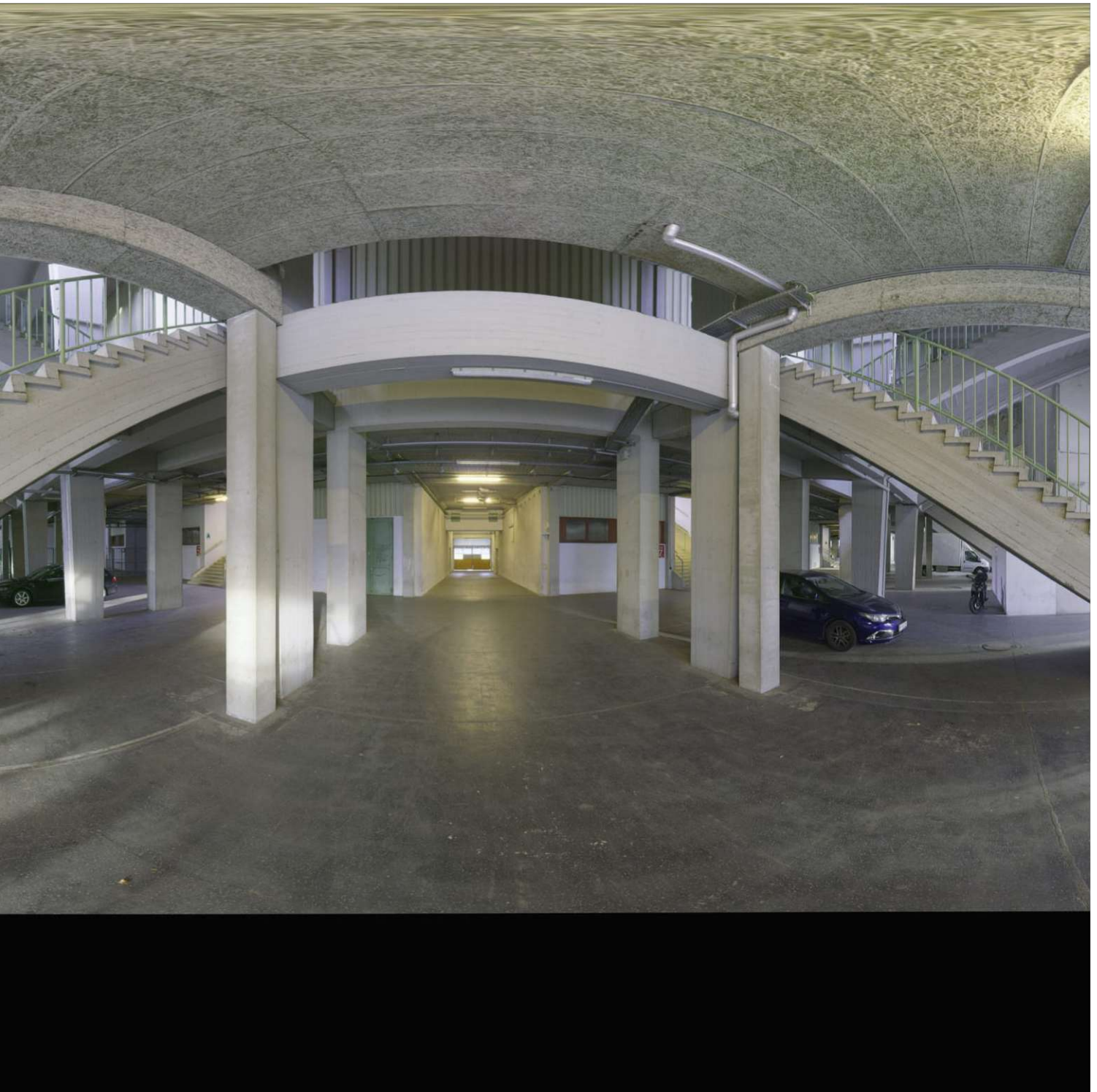
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_089.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

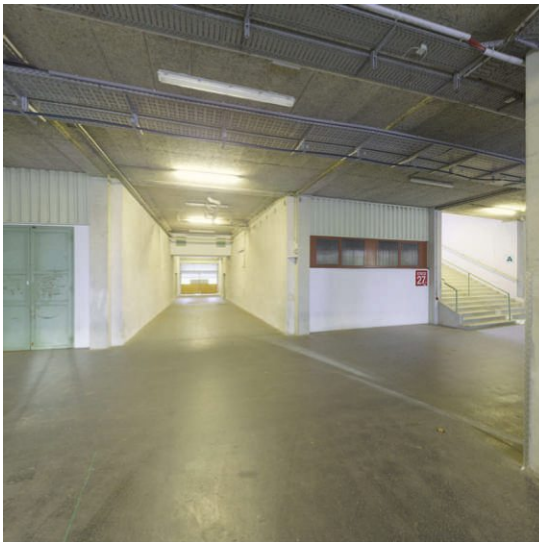
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -69906.72866$

$Y = -6791.345$

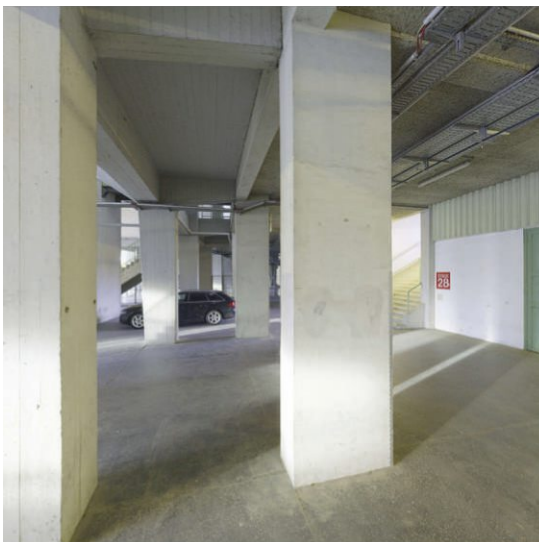
$Z = 1879.13866$



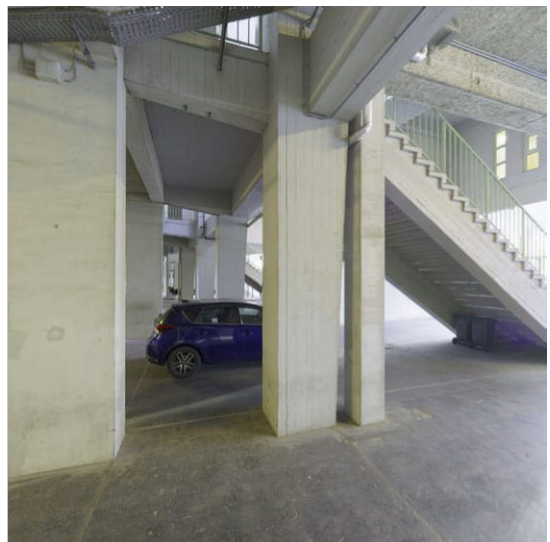
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_090_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_090_1.jpeg



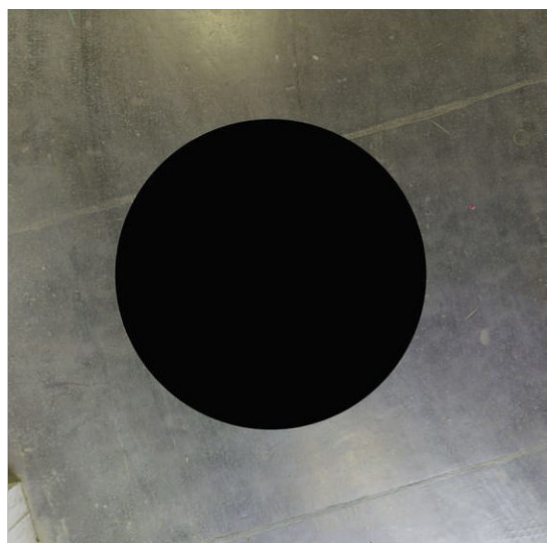
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_090_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_090_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_090_4.jpeg

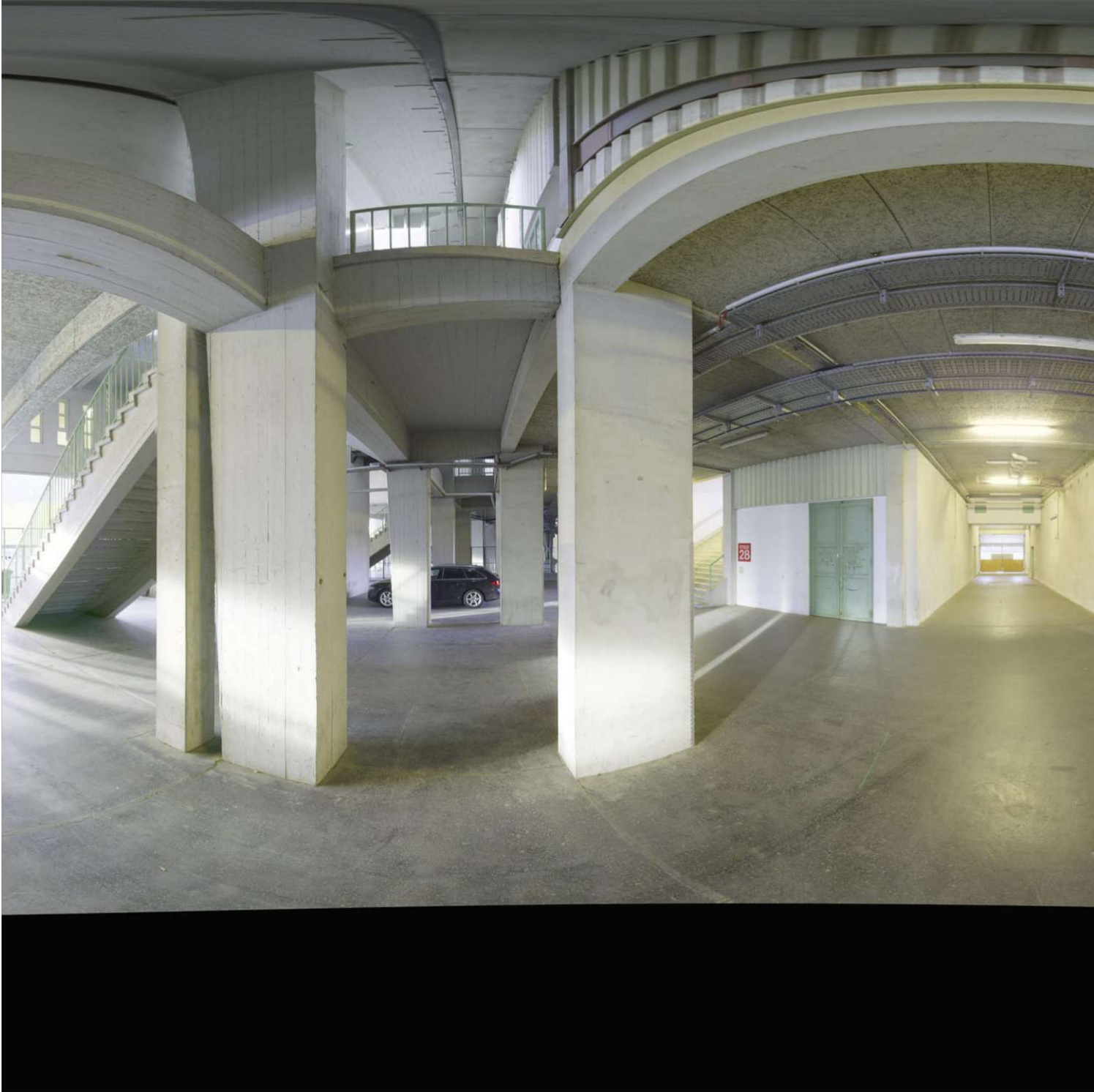


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_090_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_090.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

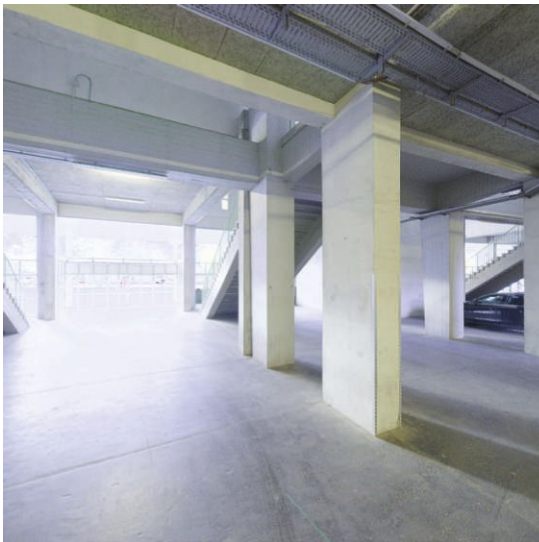
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

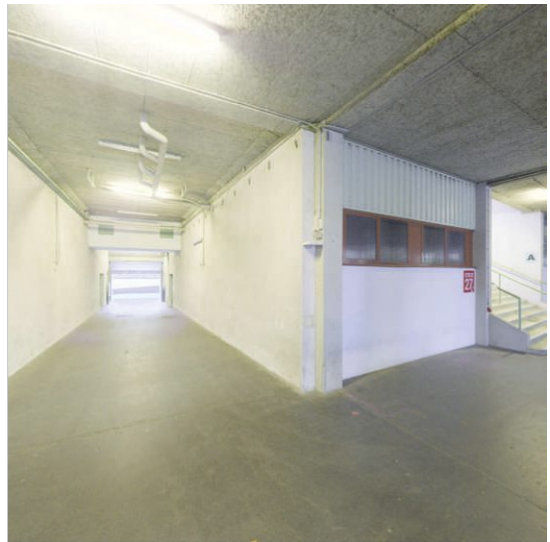
$X = -72536.78726$

$Y = -3366.66551$

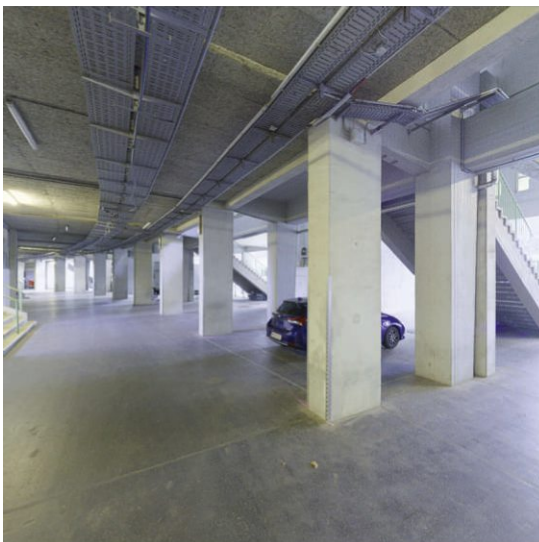
$Z = 1920.4456$



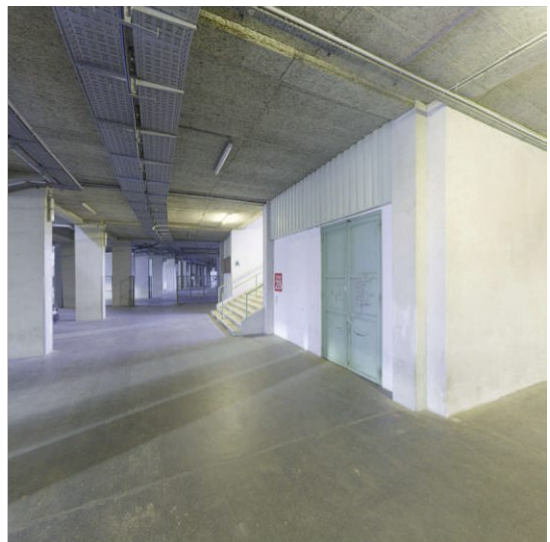
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_091_0.jpeg



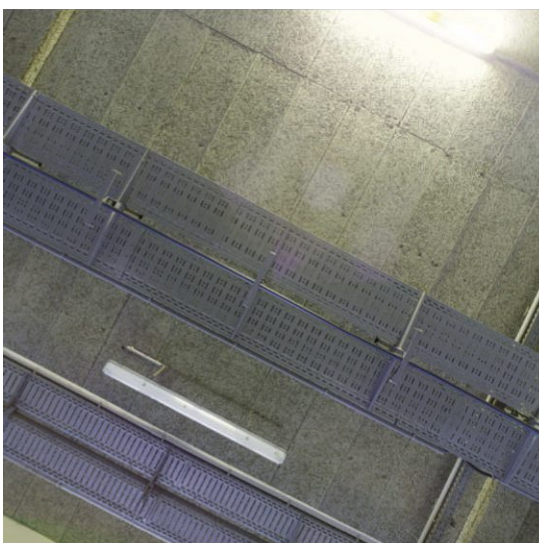
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_091_1.jpeg



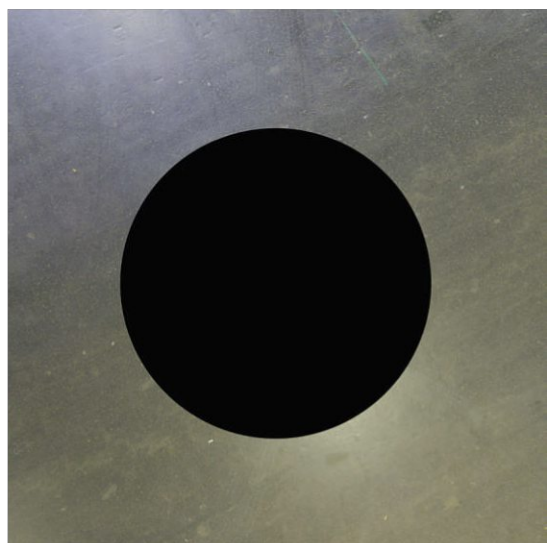
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_091_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_091_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_091_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_091_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_091.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

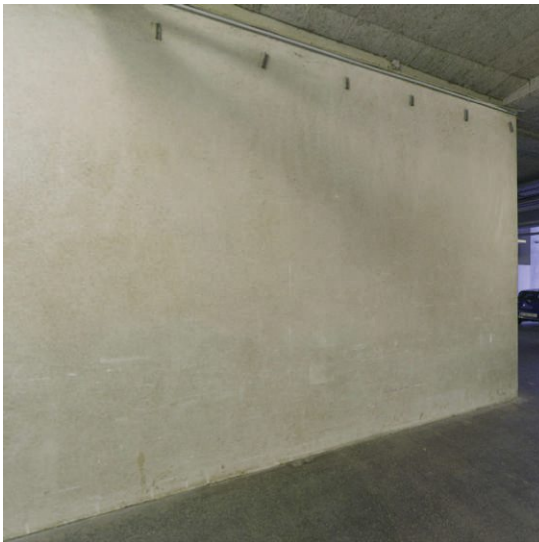
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -78645.38601

Y = 2956.57062

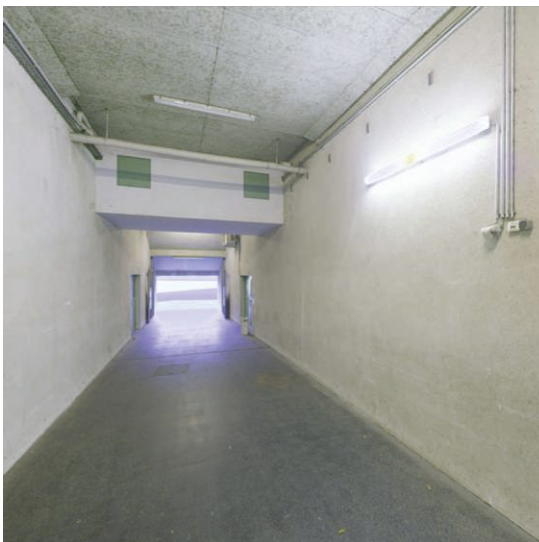
Z = 1899.65731



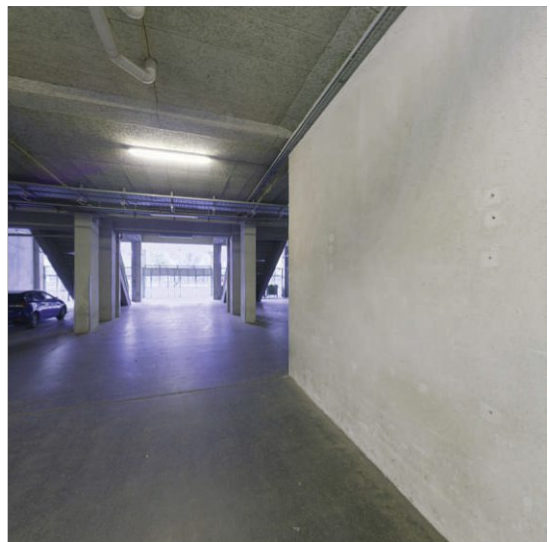
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_092_0.jpeg



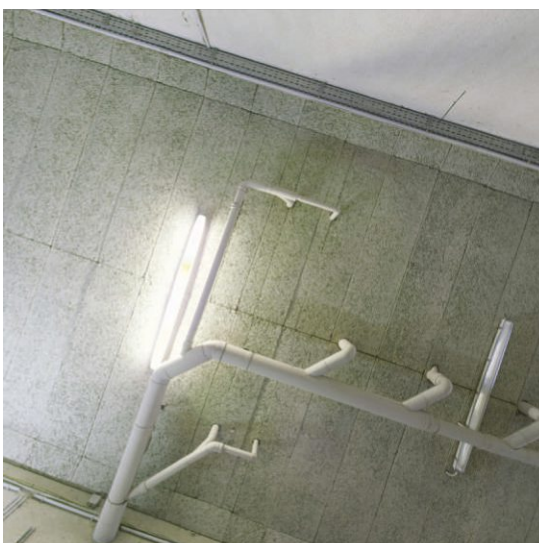
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_092_1.jpeg



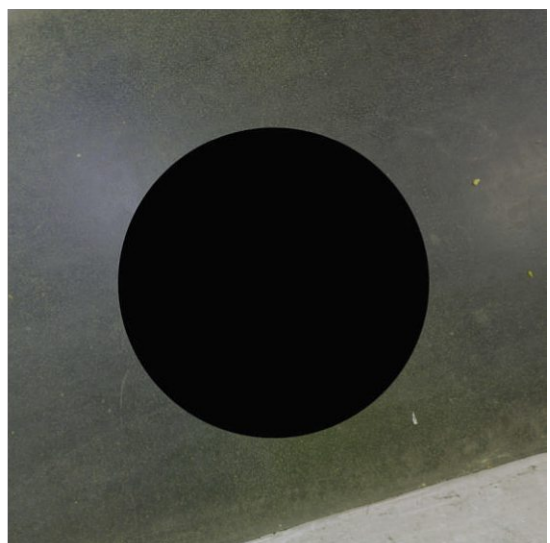
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_092_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_092_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_092_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_092_5.jpeg

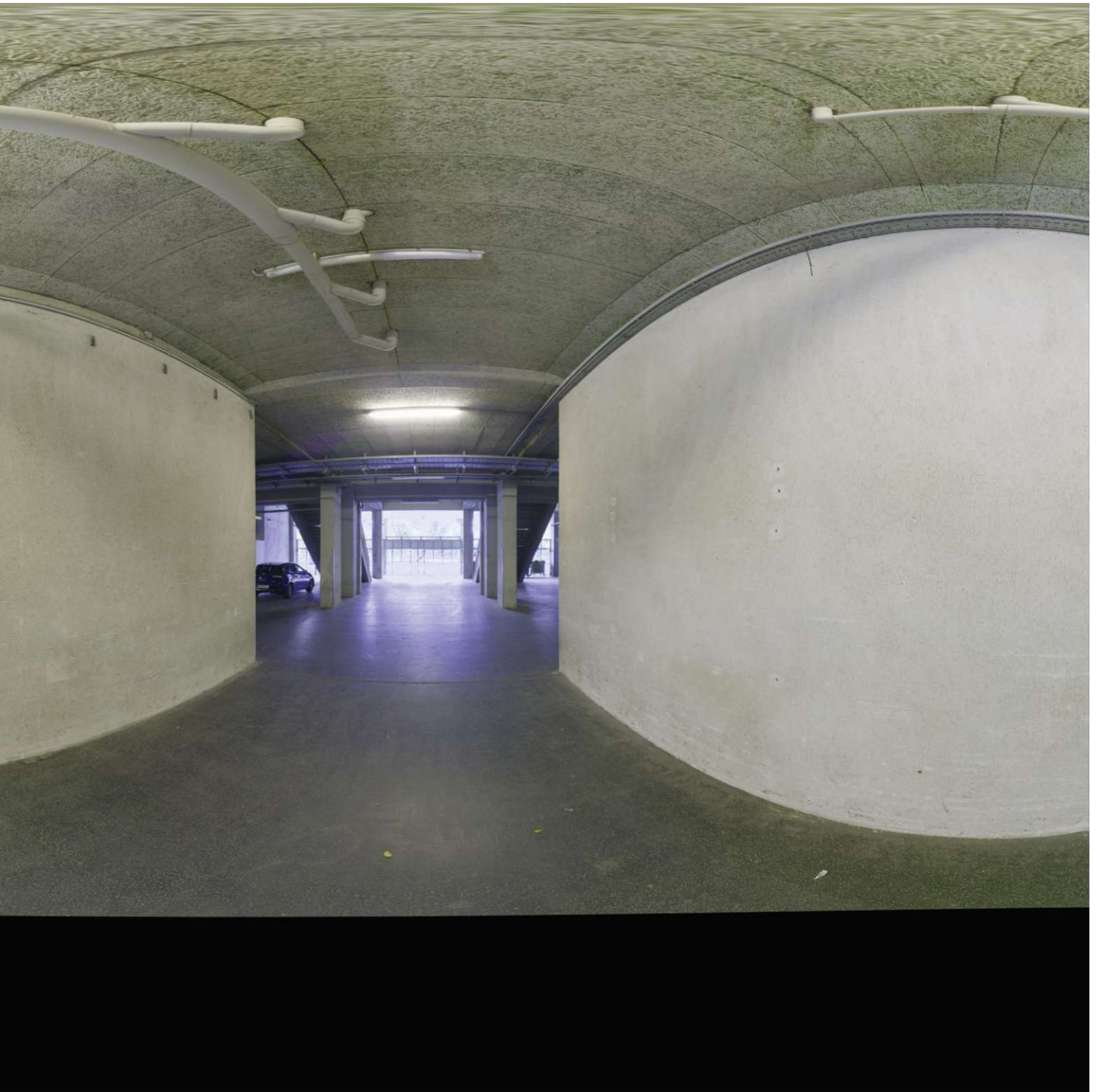
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_092.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -82444.57056$

$Y = 7500.53013$

$Z = 1848.15499$



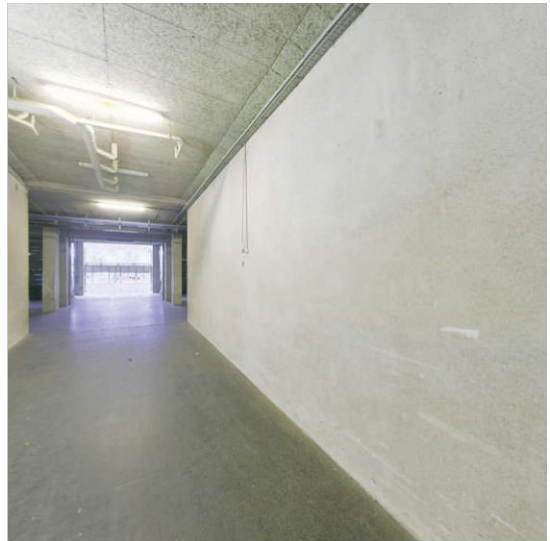
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_093_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_093_1.jpeg



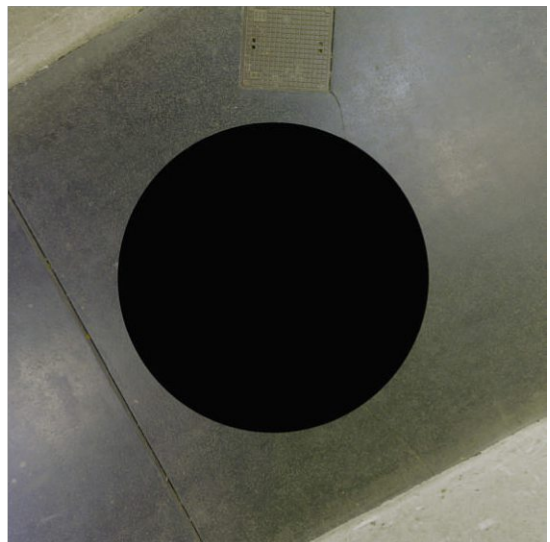
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_093_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_093_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_093_4.jpeg

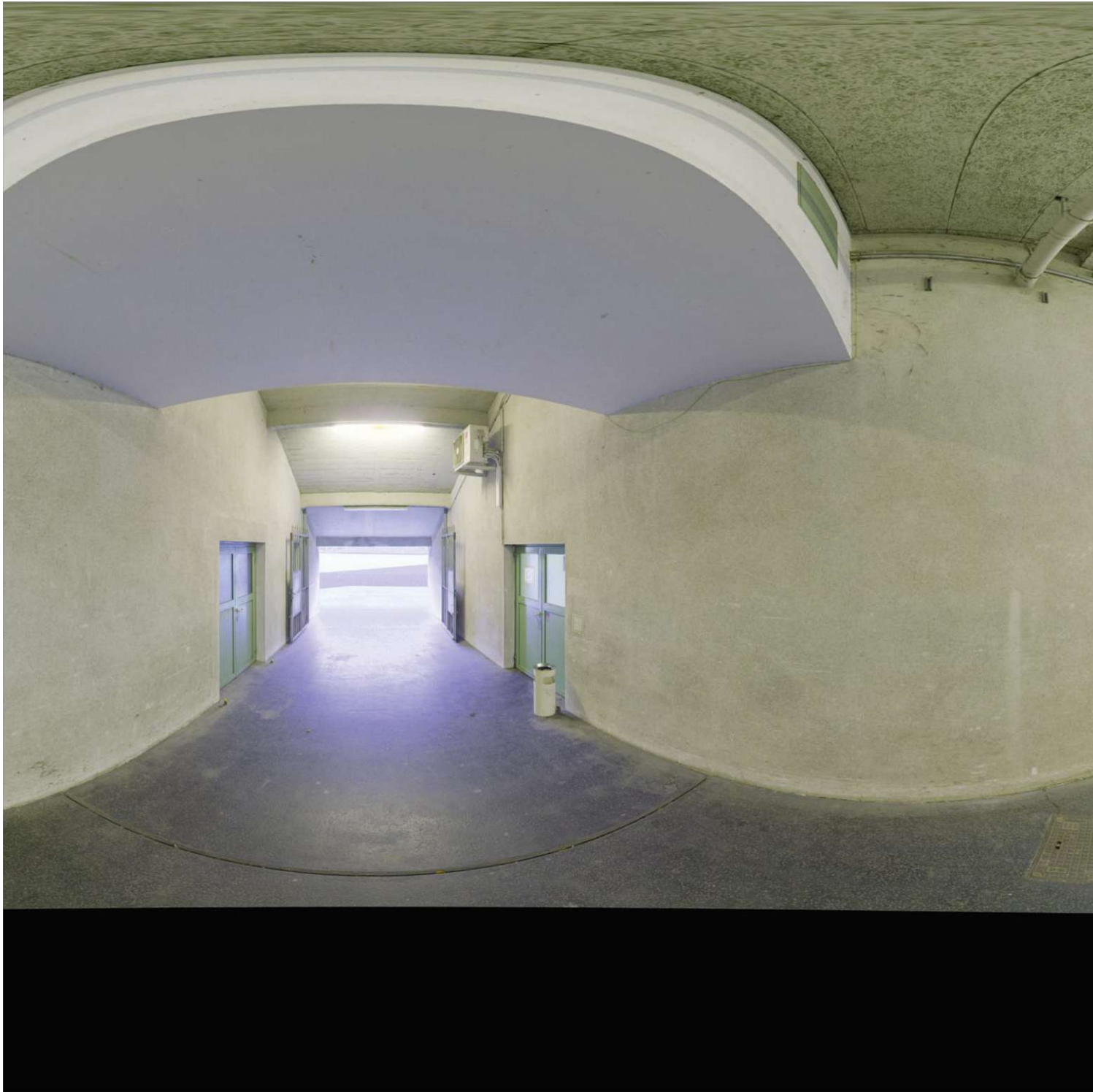


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_093_5.jpeg

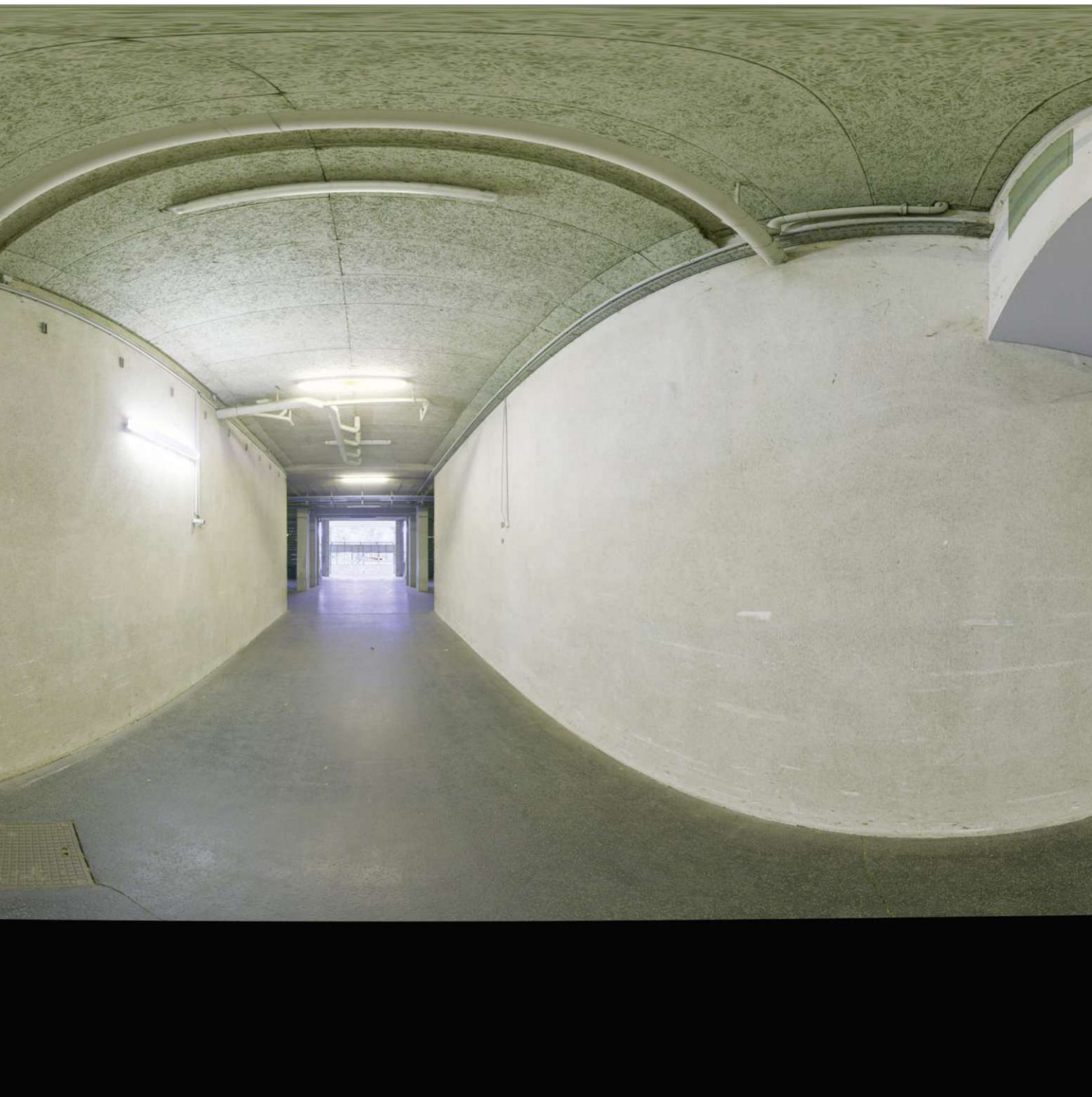
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_093.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -86382.90845$

$Y = 11934.6529$

$Z = 1818.33401$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_094_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_094_1.jpeg



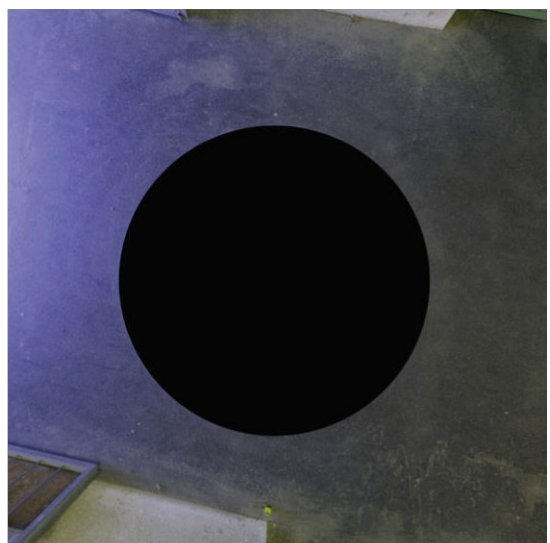
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_094_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_094_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_094_4.jpeg

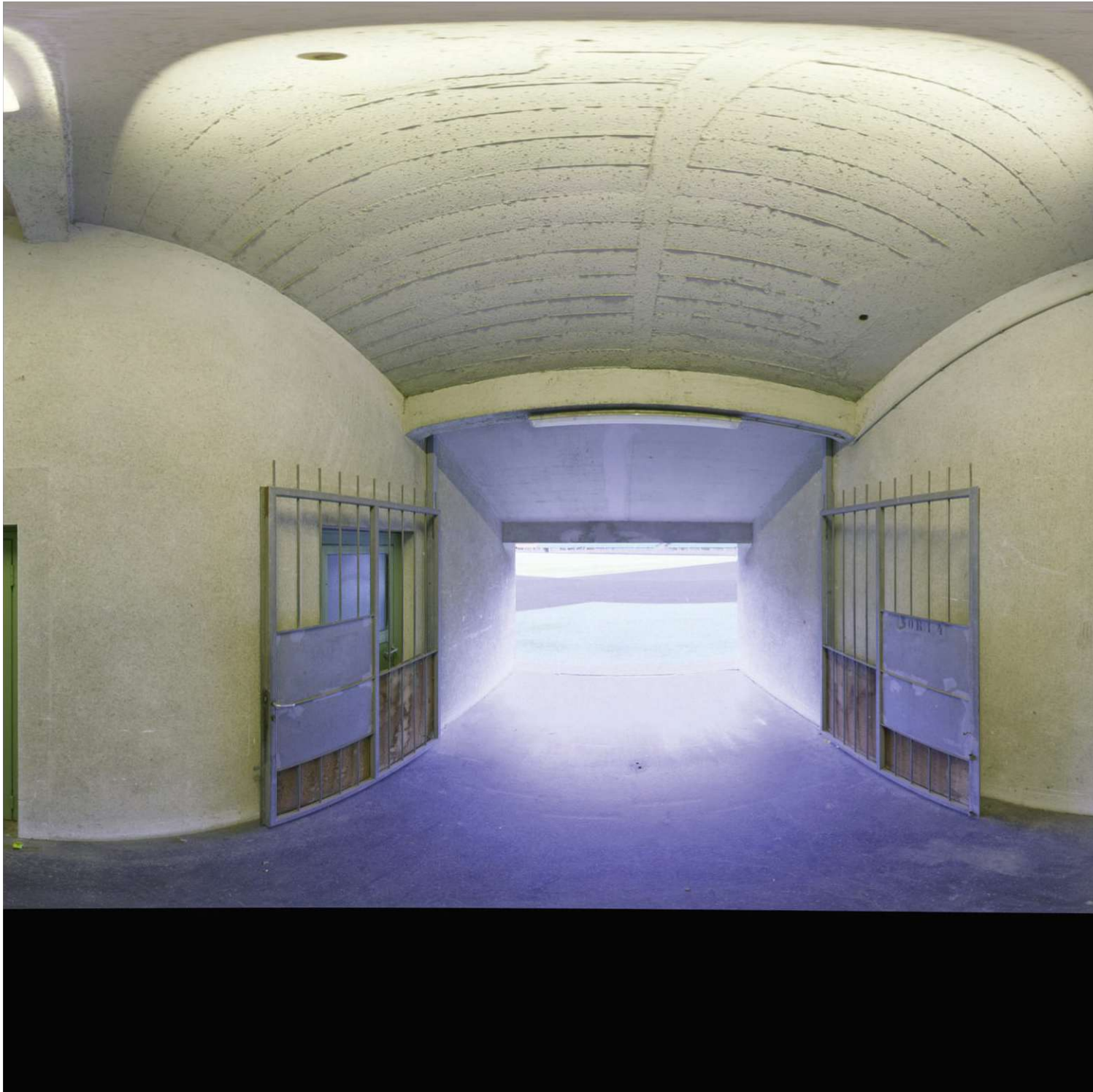


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_094_5.jpeg

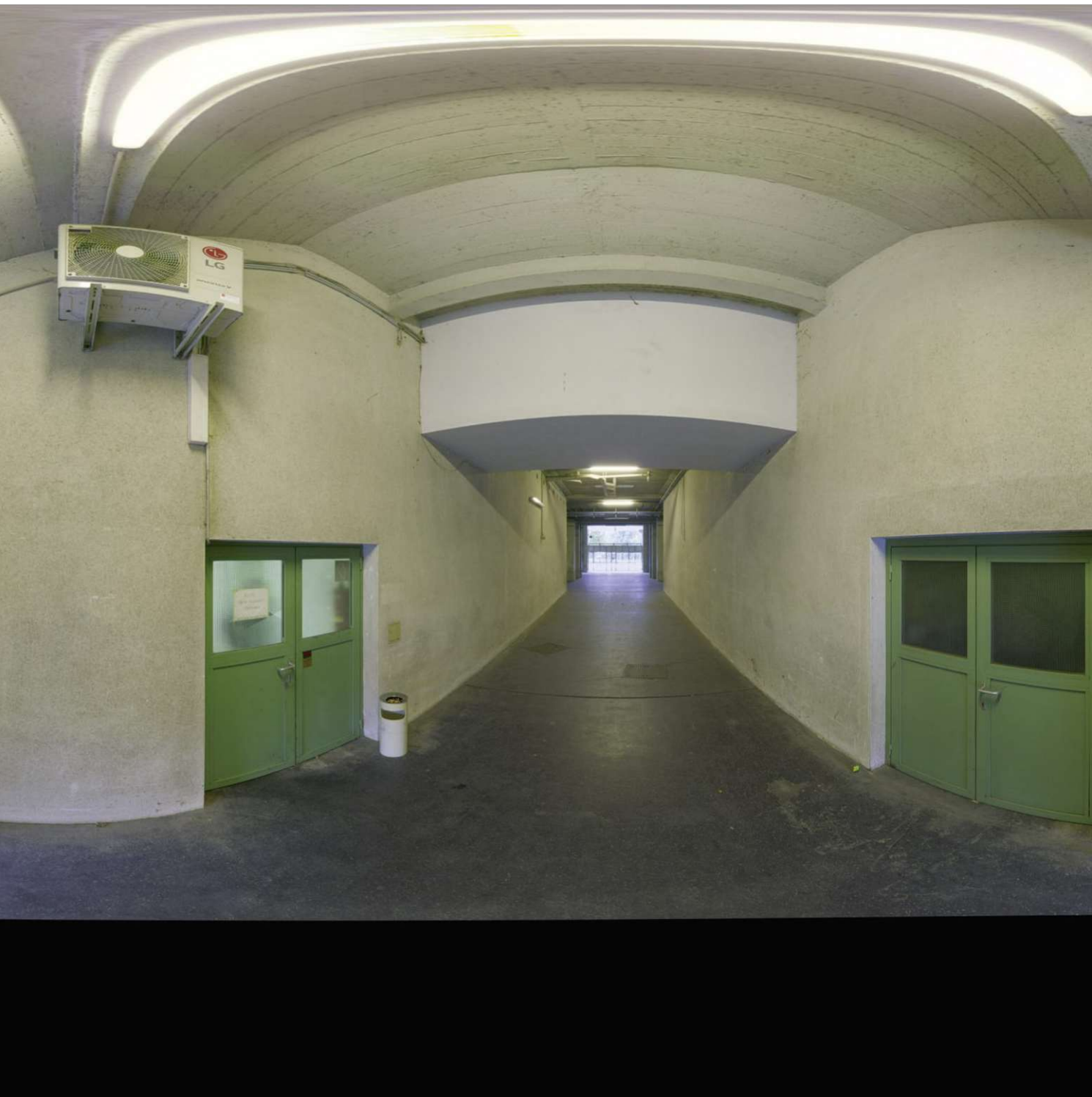
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_094.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

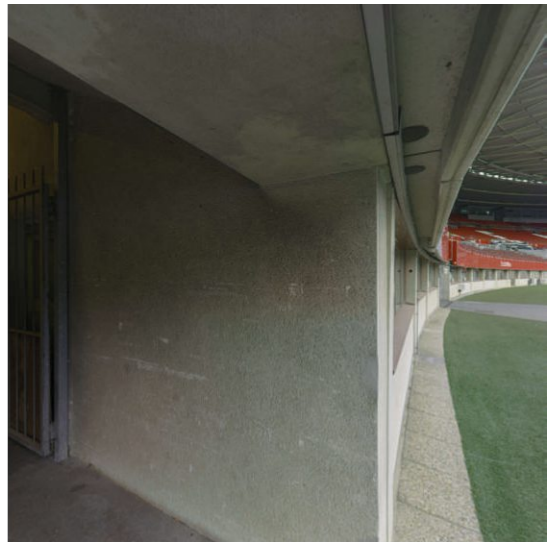
X = -90310.51986

Y = 15754.98841

Z = 1401.40494



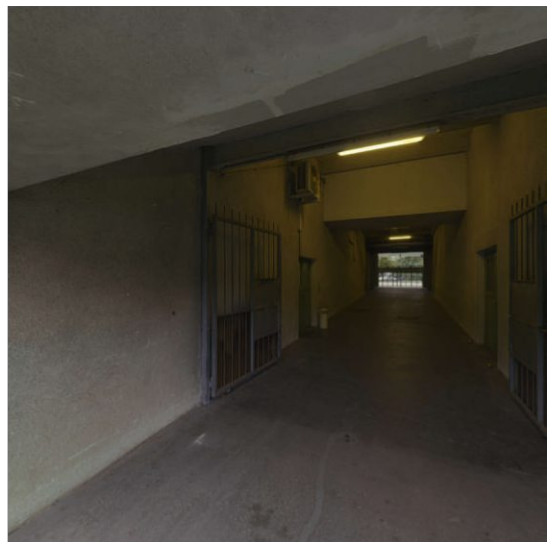
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_095_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_095_1.jpeg



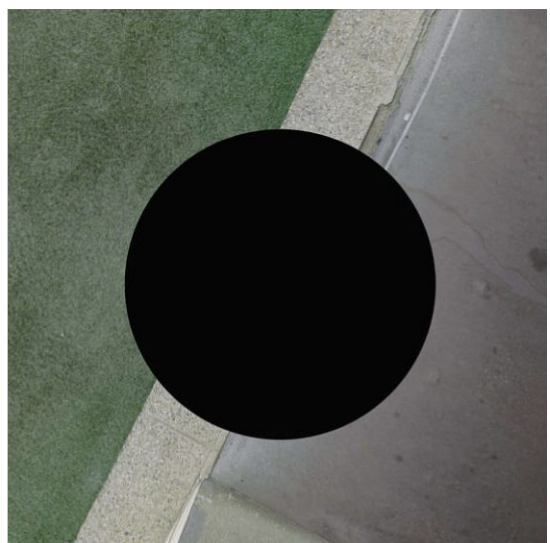
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_095_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_095_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_095_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_095_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_095.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -61848.39094

Y = -14256.66756

Z = 1667.2965



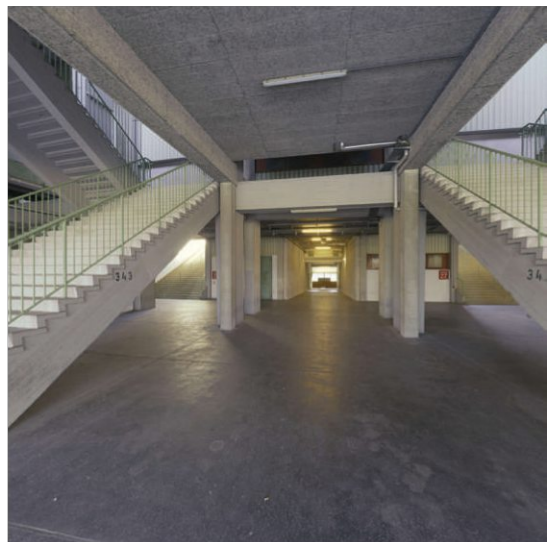
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_096_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_096_1.jpeg



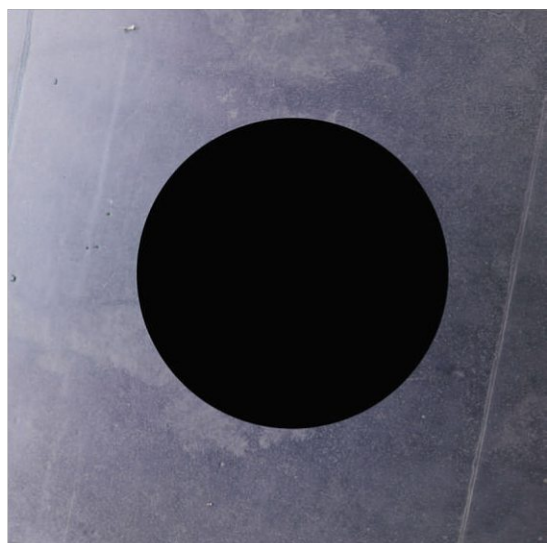
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_096_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_096_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_096_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_096_5.jpeg

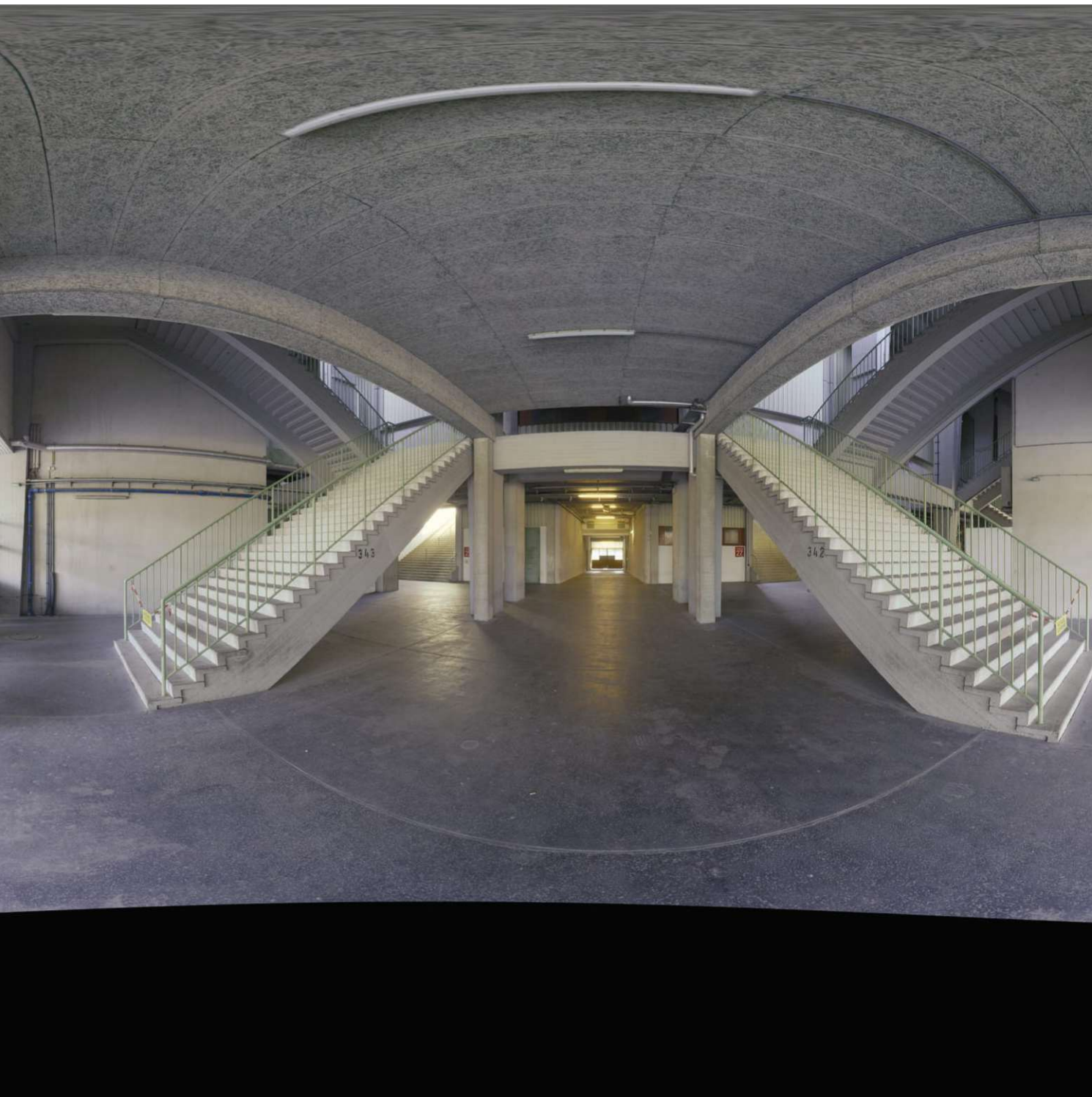
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_096.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

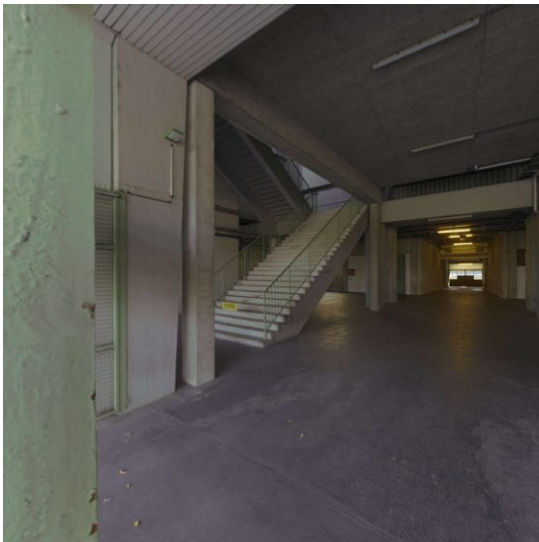
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -58802.18872

Y = -17160.30613

Z = 1571.39873



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_097_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_097_1.jpeg



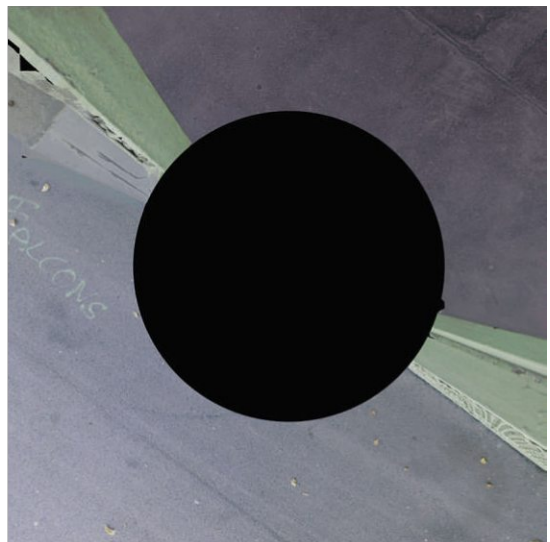
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_097_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_097_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_097_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_097_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_097.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3a | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN