

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_BUCH 3C

3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

KAPITEL 3_BUCH 3C | 3D BESTANDSVERMESSUNG
UND FOTODOKUMENTATION

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Wissenschaftliche Bestandsanalyse des Wiener Ernst Happel Stadions

IMPRESSUM

Herausgeber

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

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INHALT:

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

KAPITEL 1 historische Entwicklung

Vorwort - Beschreibende Kurzübersicht der ursprünglichen Zielsetzungen und der Nutzungsgeschichte

KAPITEL 2 Archivmaterial inkl. Quellen und Bezüge

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

KAPITEL 3 3D Bestandsvermessung und Fotodokumentation

Vorwort - Beschreibung der vermessungstechnischen Bestandserfassung mittels Laserscan

KAPITEL 4 Reverse Engineering (3D Modell)

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

KAPITEL 5 Anpassung zur Fortnutzung/Instrumentarium "Digitaler Zwilling"

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

ANNEX Quellenangaben und Glossar

Auswahl und Auflistung der Bezugsquellen und verwendeten Programme; Glossar

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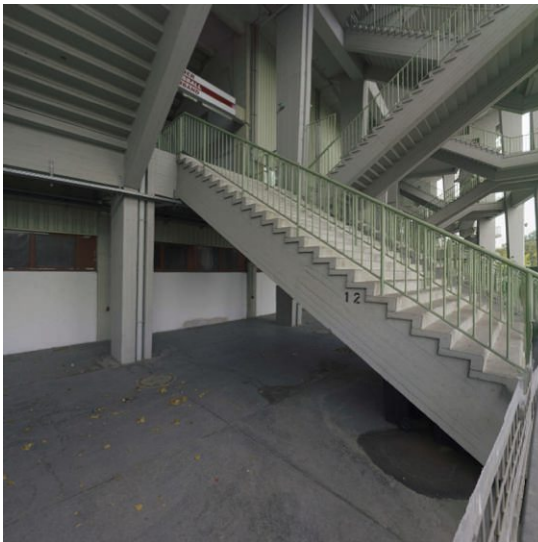
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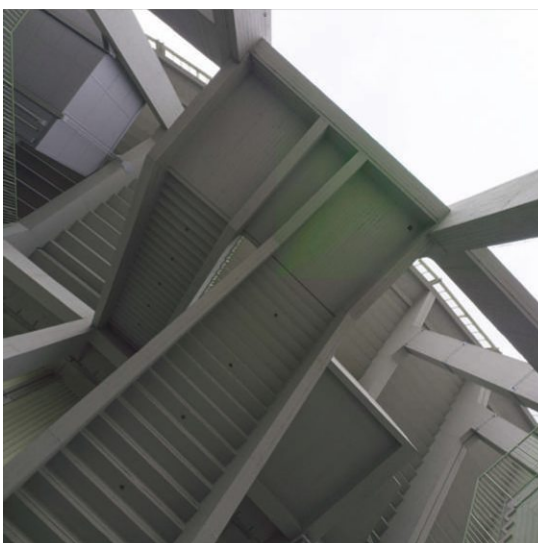
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X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_195_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_195_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_195_5.jpeg

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EHS_ARKADEN

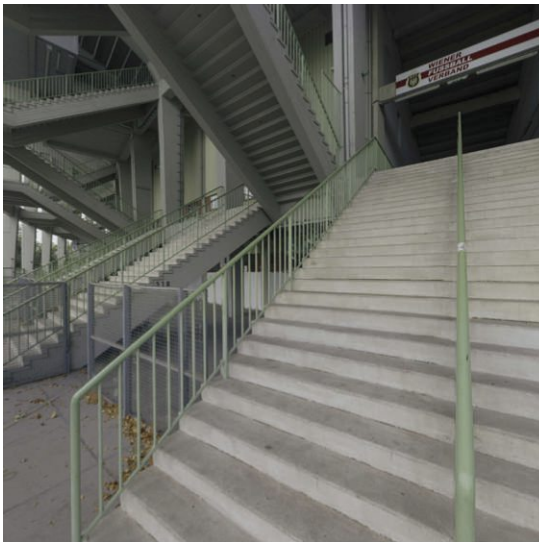
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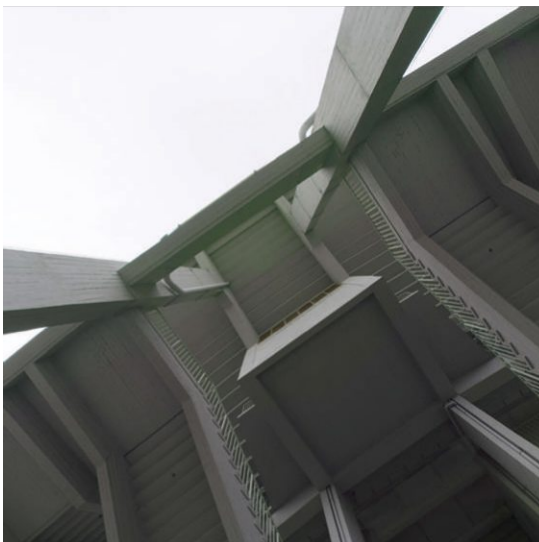
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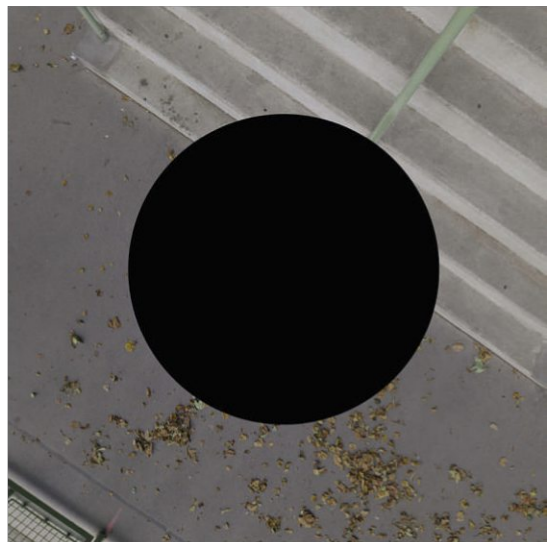
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X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_196_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_196_5.jpeg

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KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

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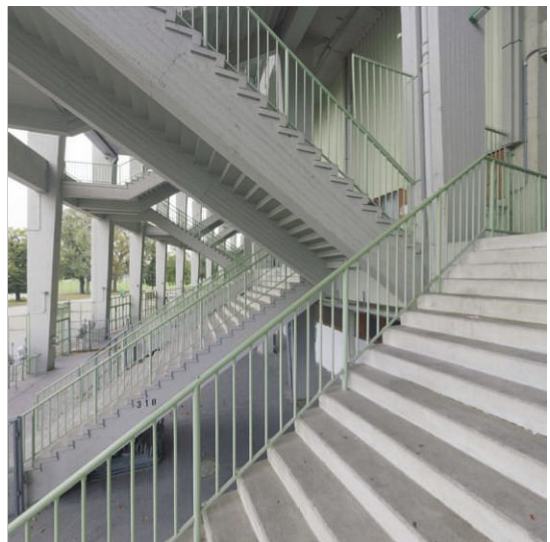
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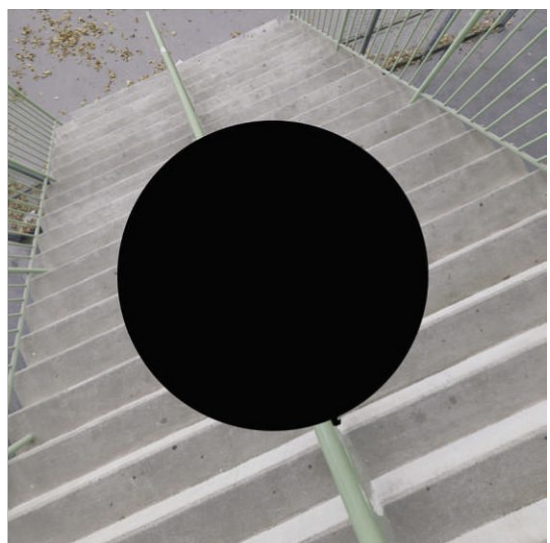
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X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_197_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_197_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

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DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

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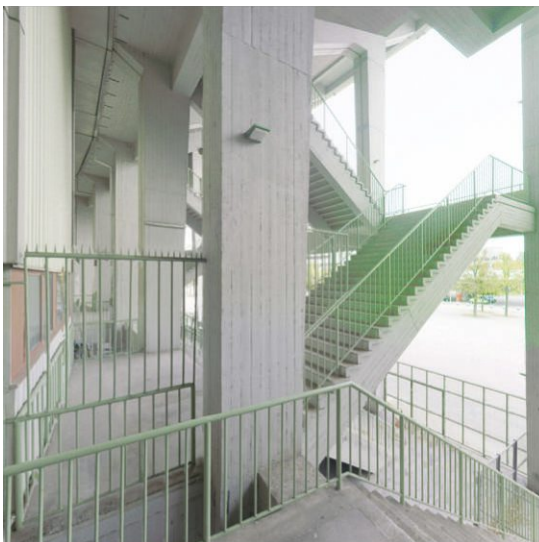
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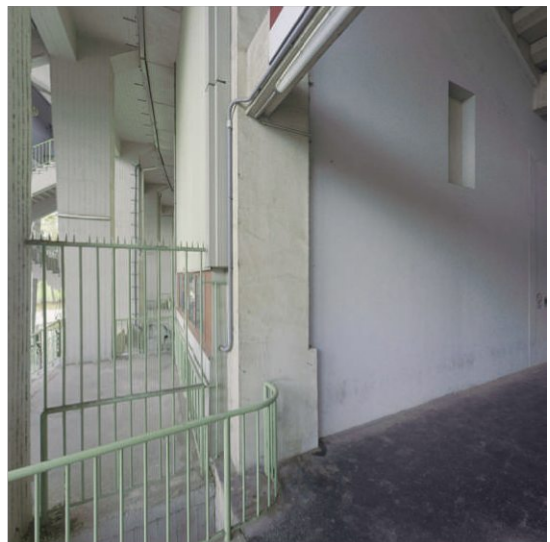
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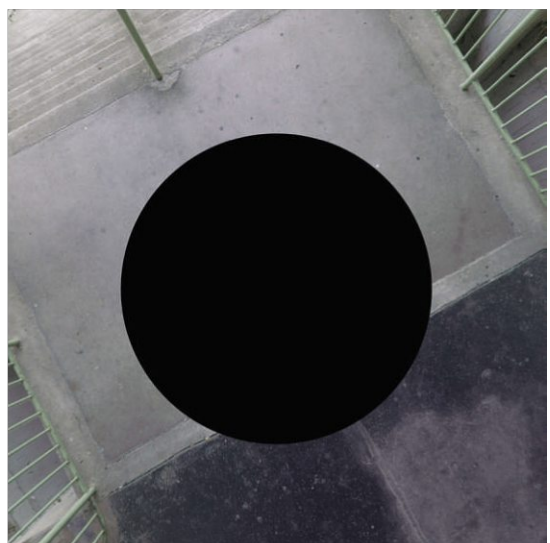
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X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_198_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_198_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

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02_EHS_ARKADEN_198.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

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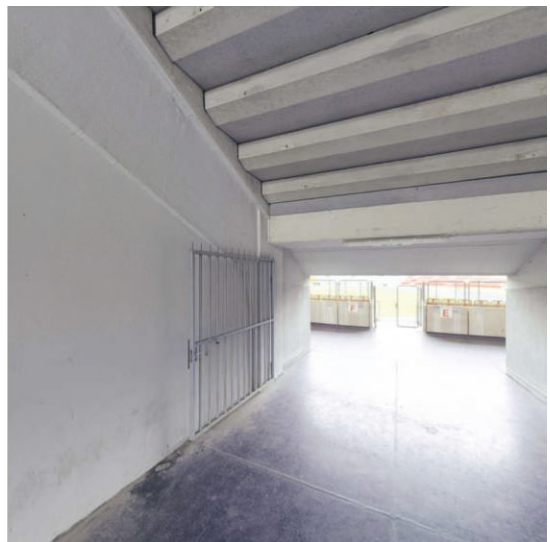
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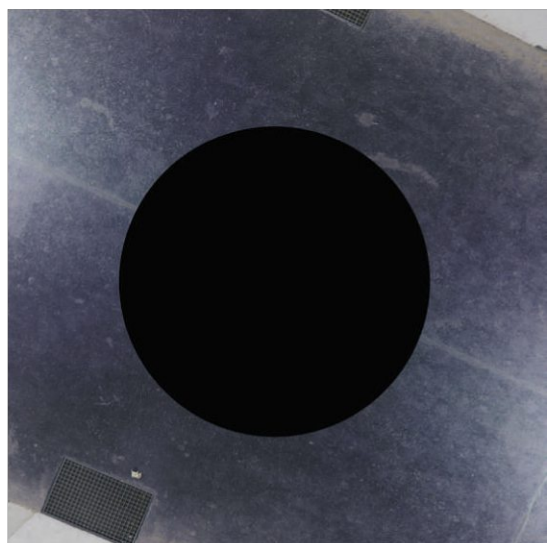
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X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_199_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_199_5.jpeg

DAS WIENER ERNST HAPPEL STADION

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KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

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Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

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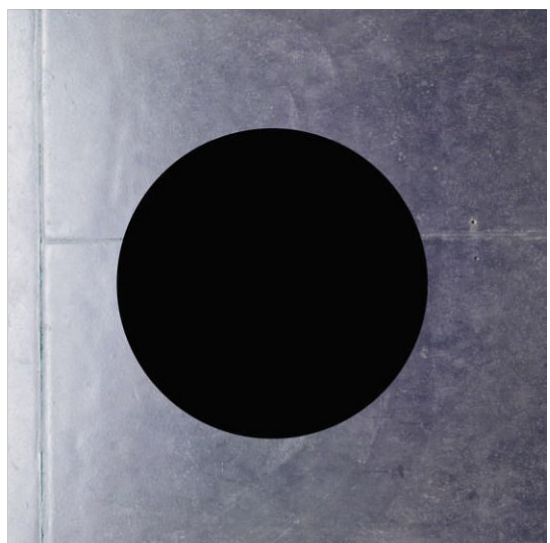
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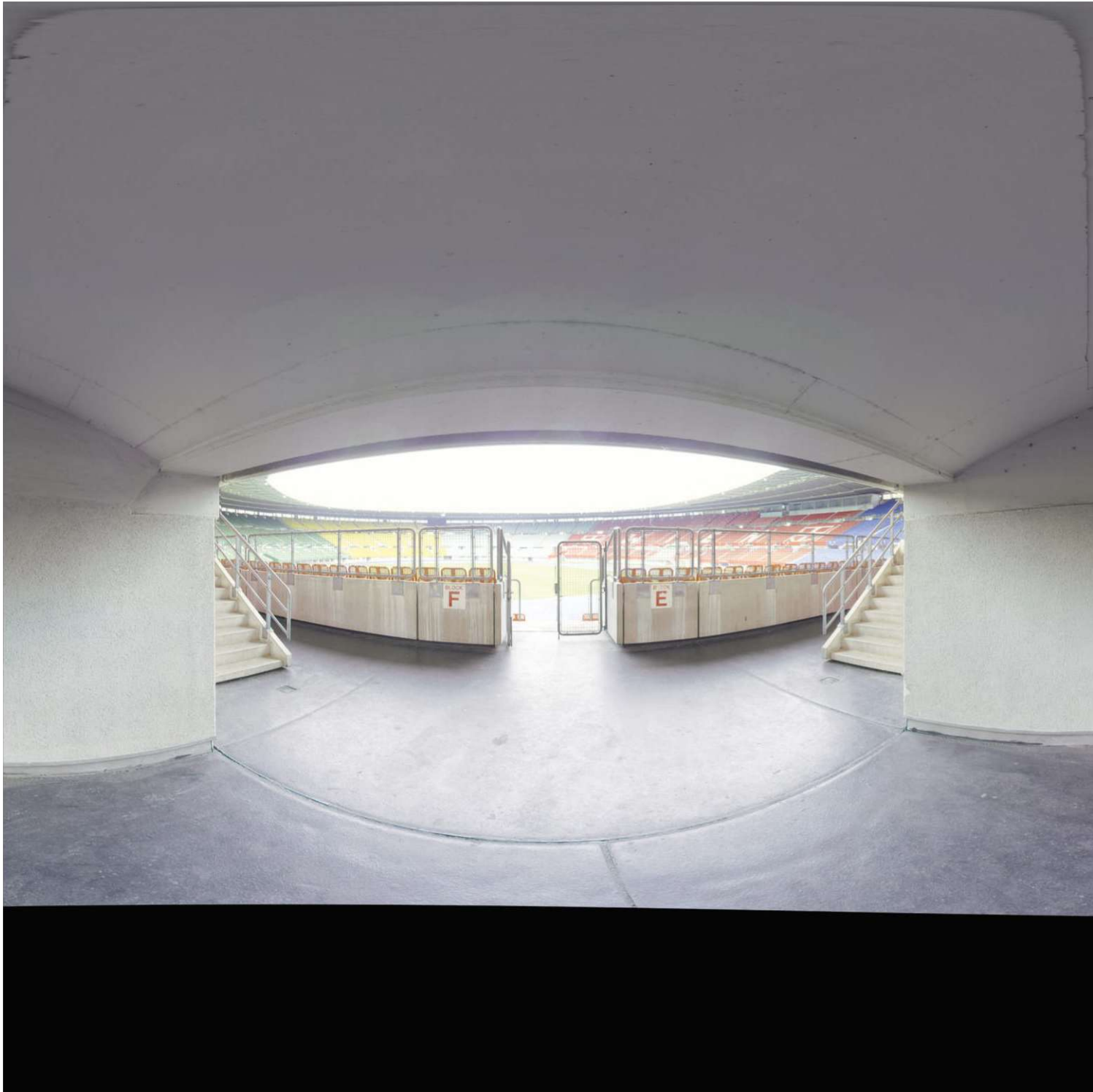


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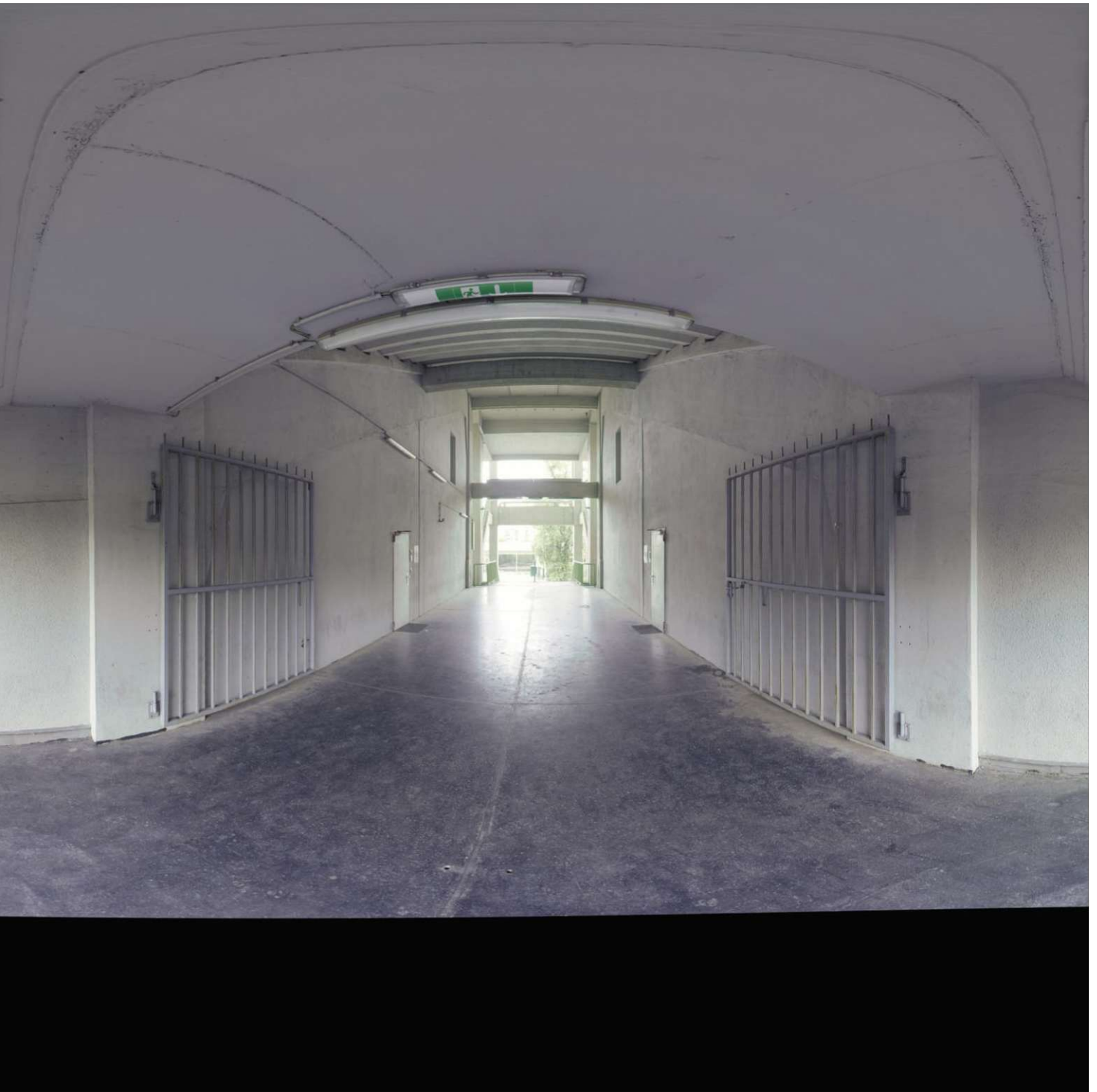
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KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

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KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

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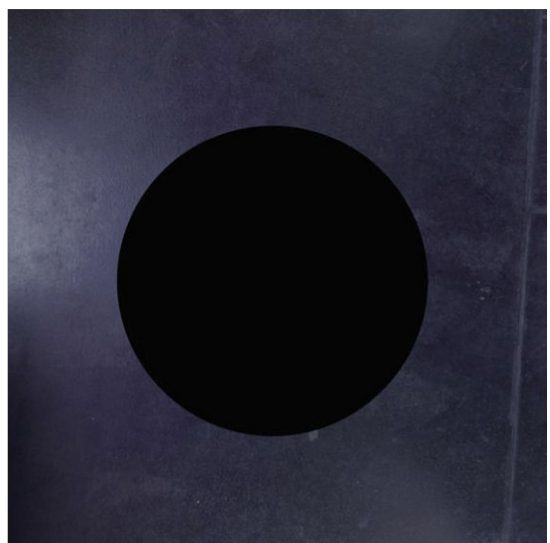
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X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_201_4.jpeg

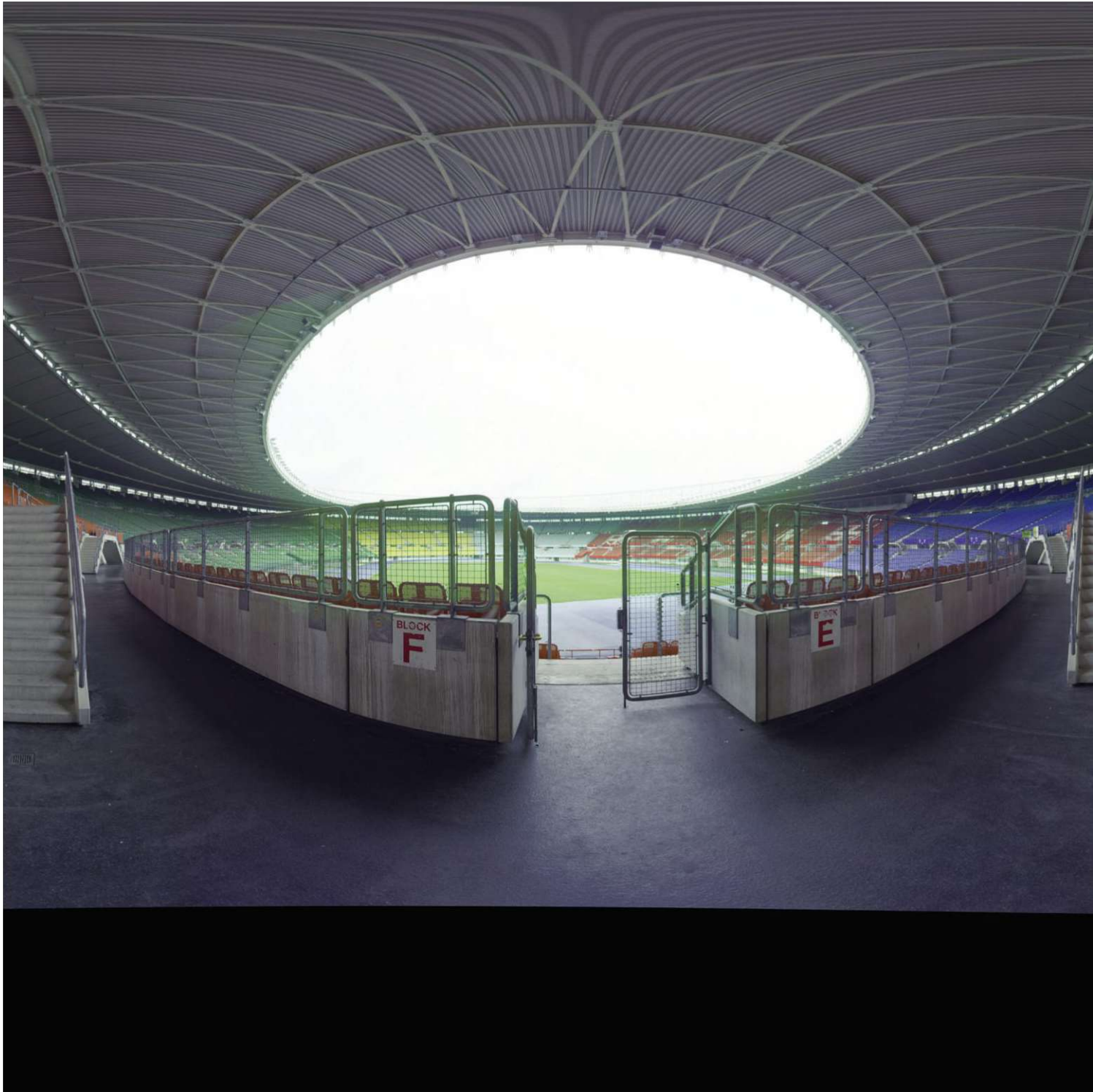


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DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

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DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

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X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_202_4.jpeg



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DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

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02_EHS_ARKADEN_202.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

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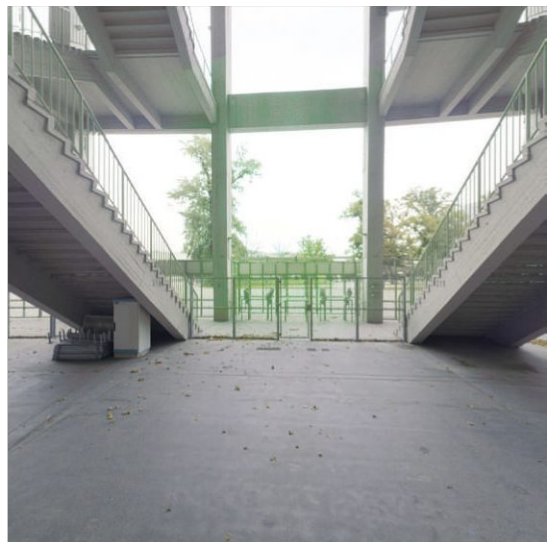
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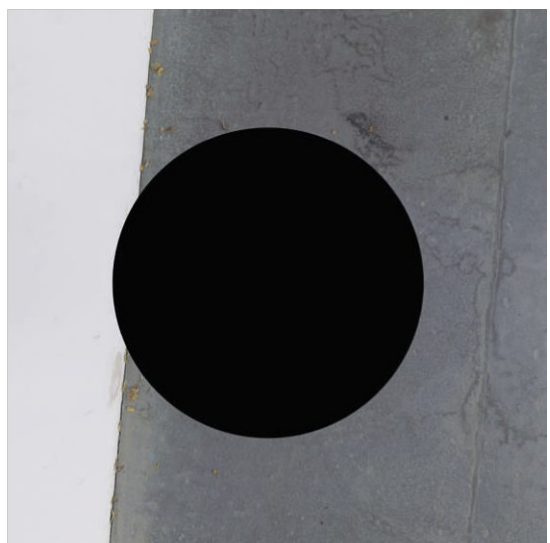
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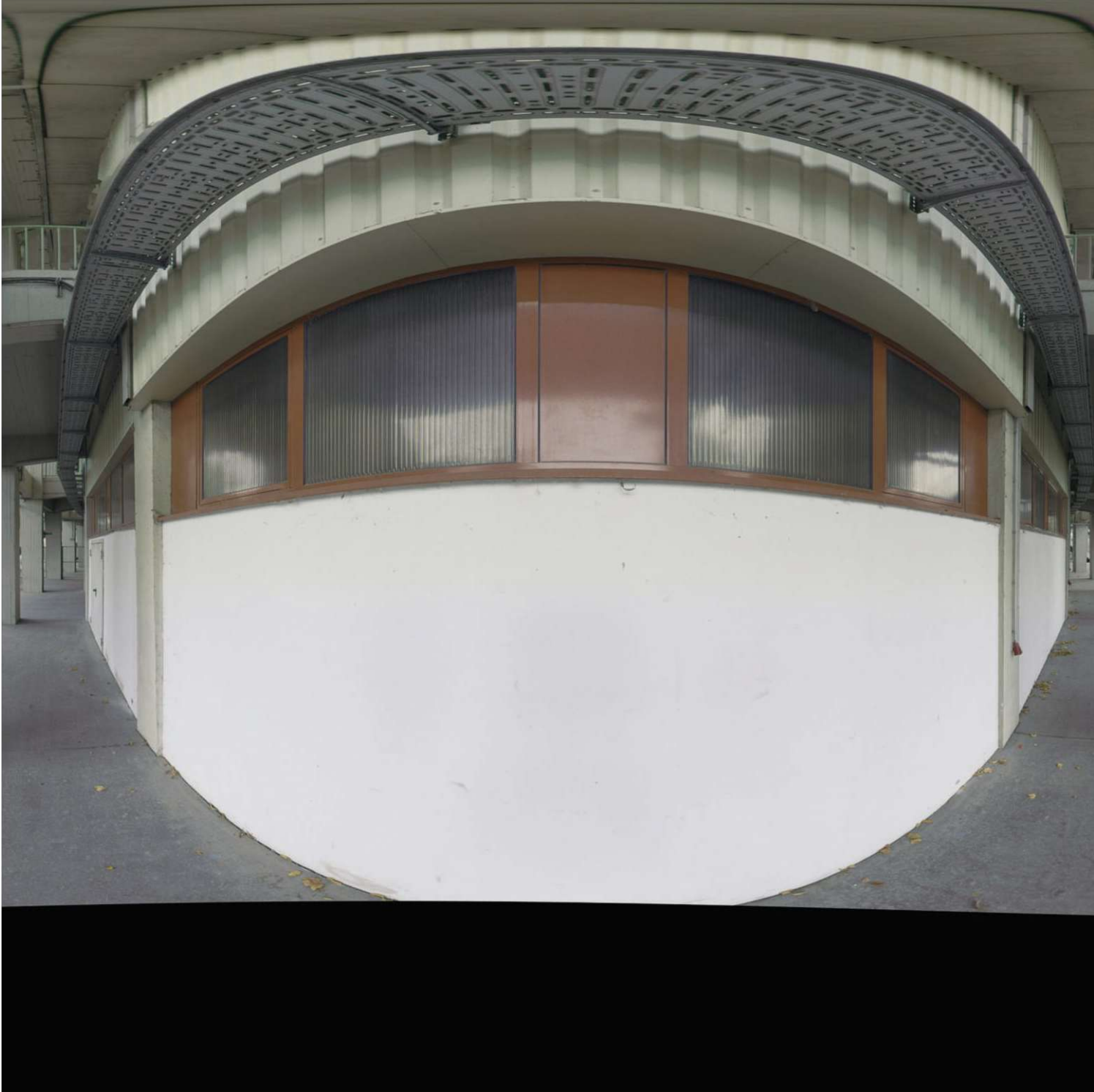


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DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

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02_EHS_ARKADEN_203.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

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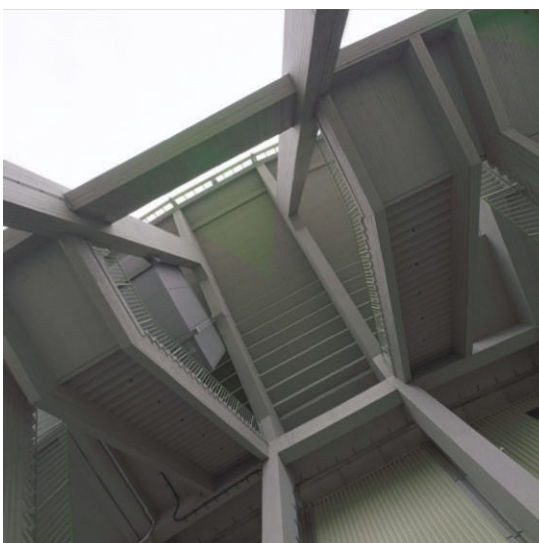
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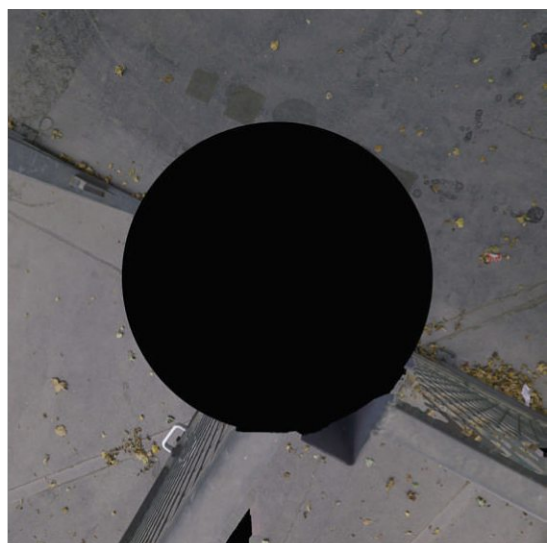
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X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_204_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_204_5.jpeg

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KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

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DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

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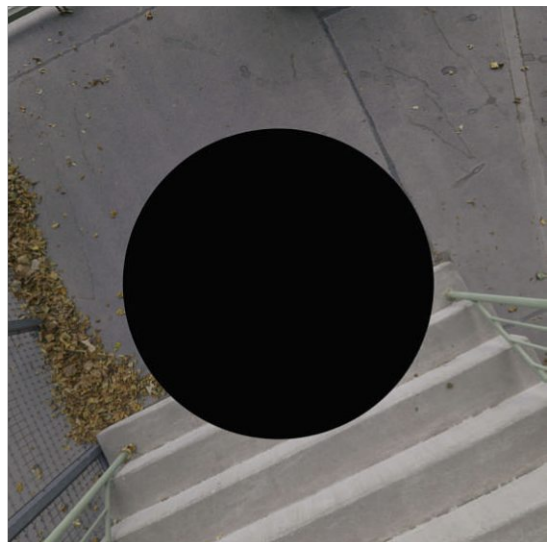
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X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_205_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_205_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_205_5.jpeg

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KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

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DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

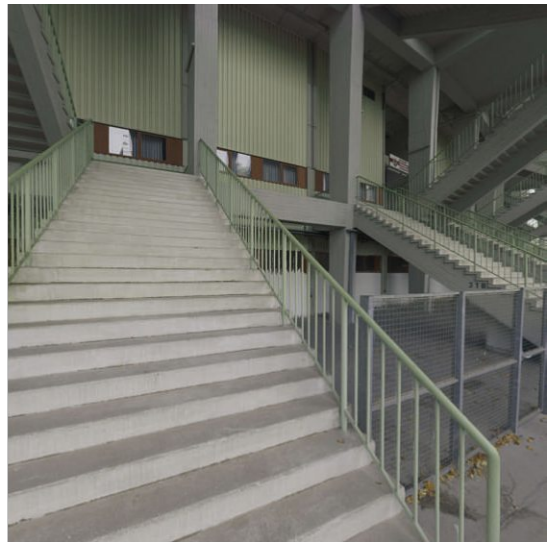
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X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_206_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_206_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_206_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_206_5.jpeg

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KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

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KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

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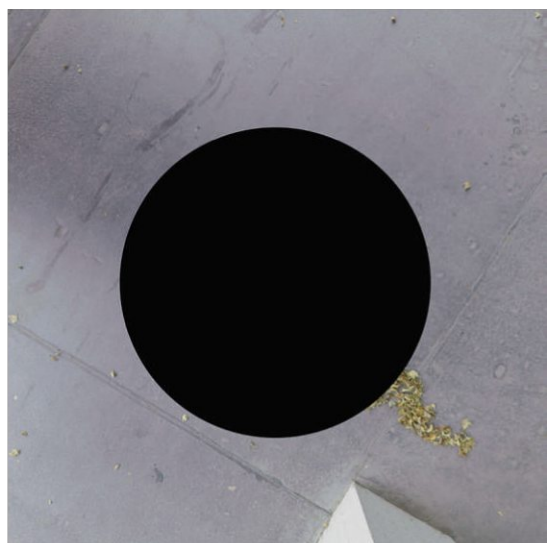
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X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_207_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_207_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_207_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

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02_EHS_ARKADEN_207.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

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$Y = 113757.2394$

$Z = 1795.18335$



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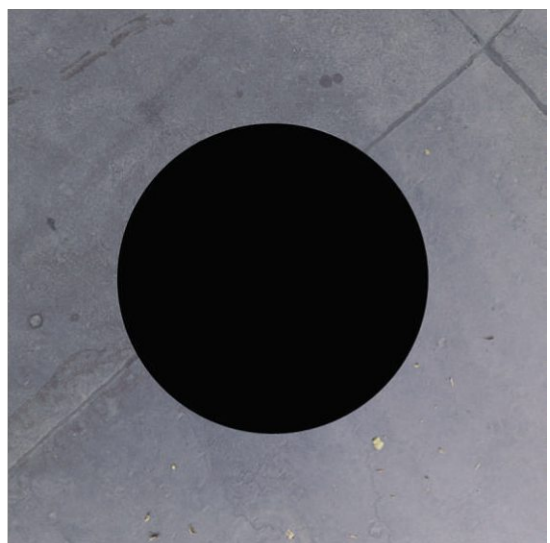
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X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_208_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_208_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_208_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

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DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

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Y = 123872.14464

Z = 1943.62262



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_209_0.jpeg



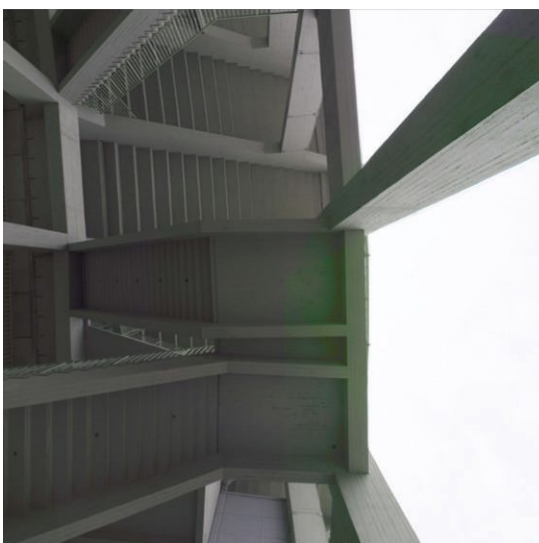
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_209_1.jpeg



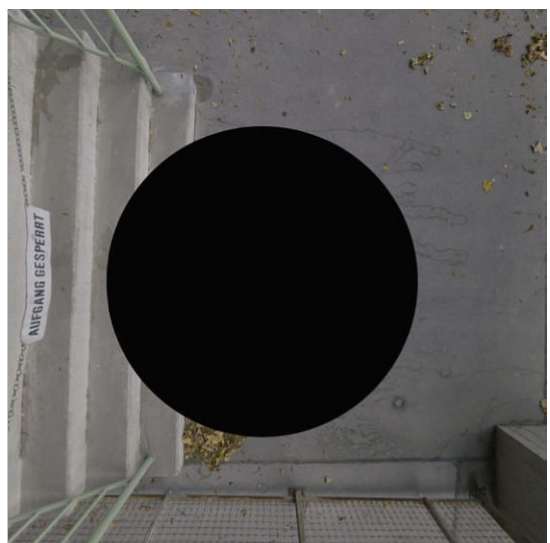
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_209_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_209_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_209_4.jpeg

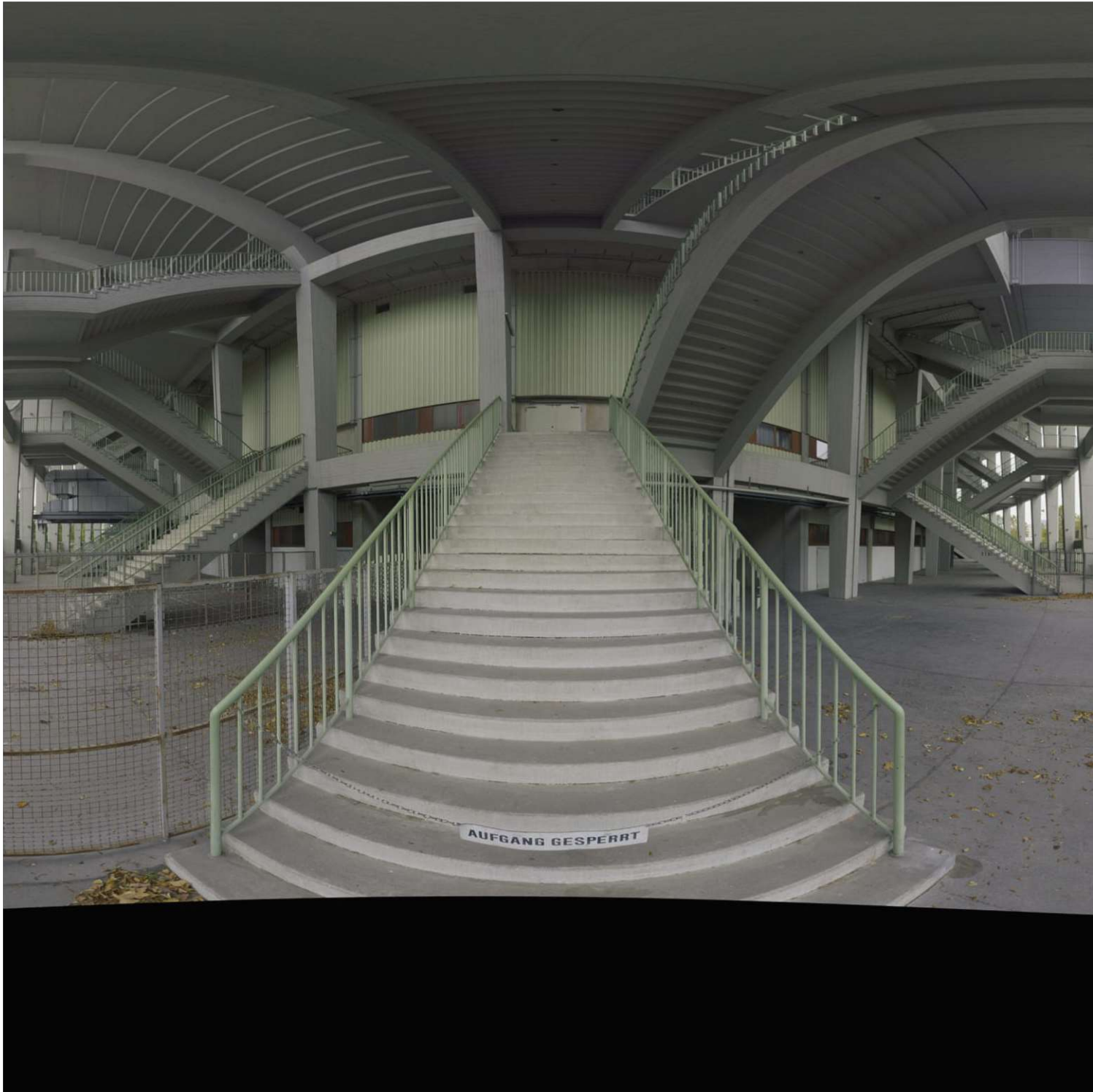


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_209_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_209.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -263020.06392

Y = 110811.4324

Z = 2069.37338



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_210_0.jpeg



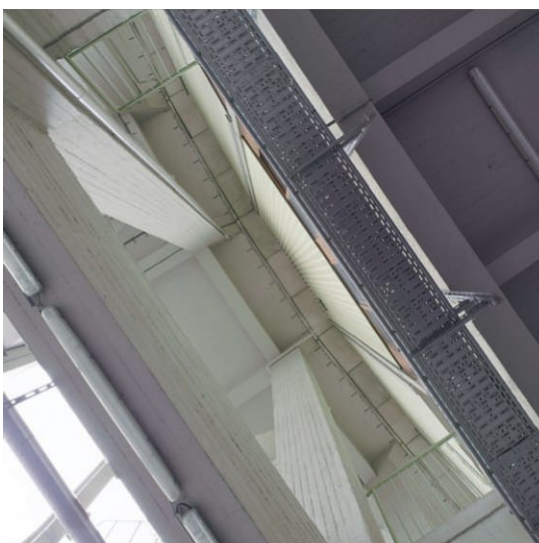
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_210_1.jpeg



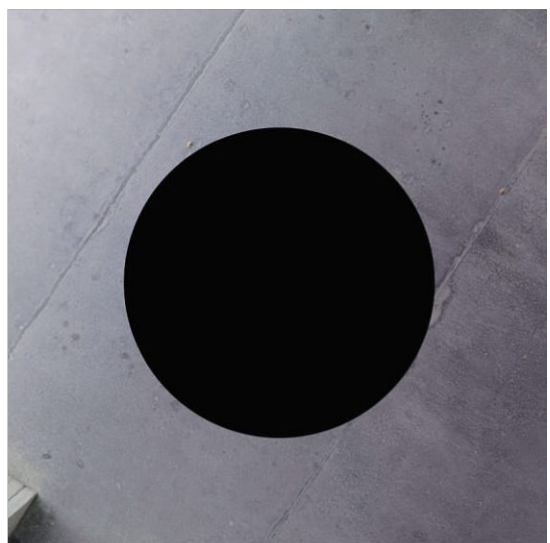
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_210_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_210_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_210_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_210_5.jpeg

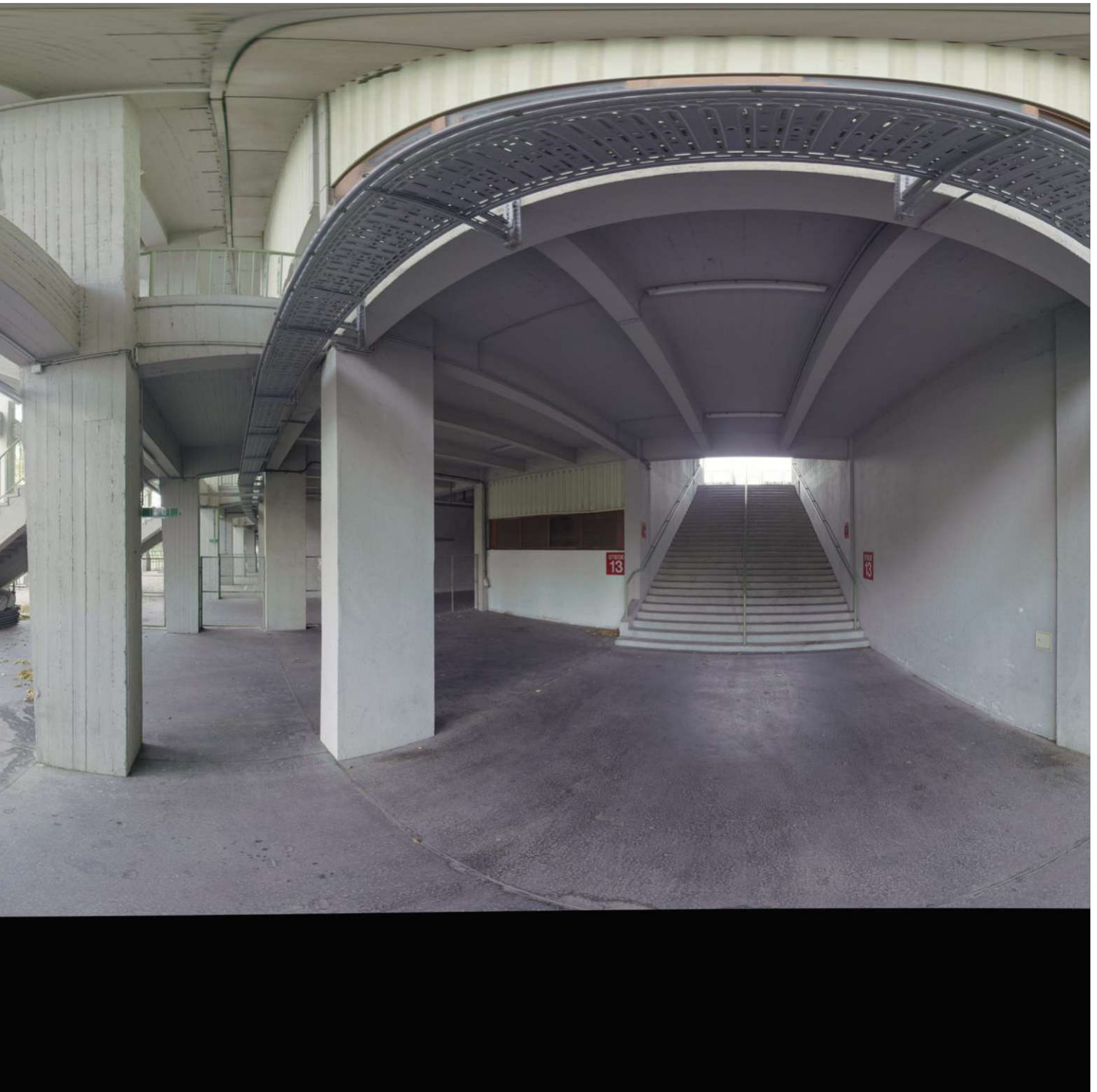
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_210.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -269797.92643$

$Y = 122996.14375$

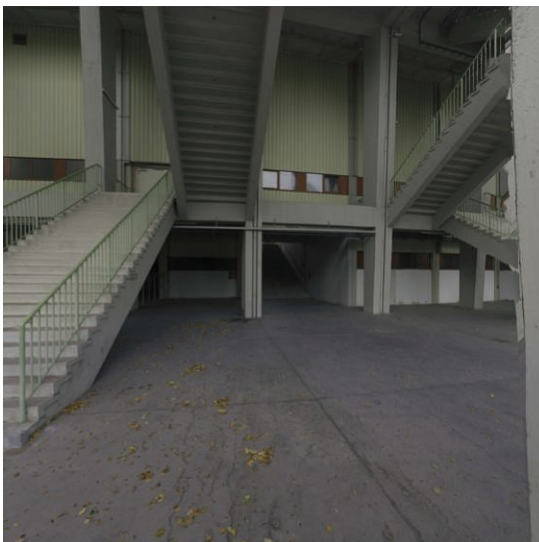
$Z = 1672.91114$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_211_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_211_1.jpeg



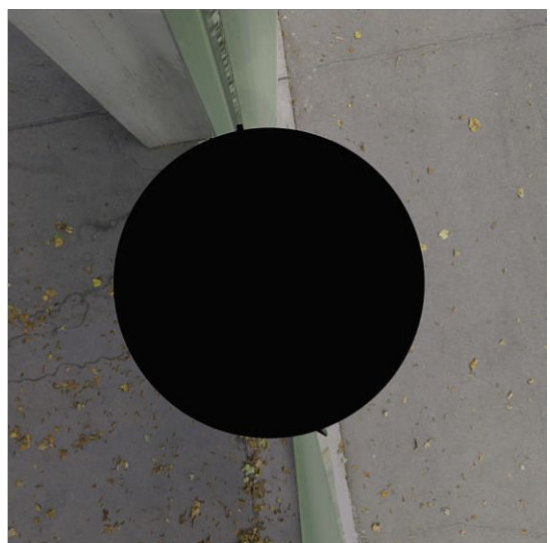
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_211_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_211_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_211_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_211_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_211.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

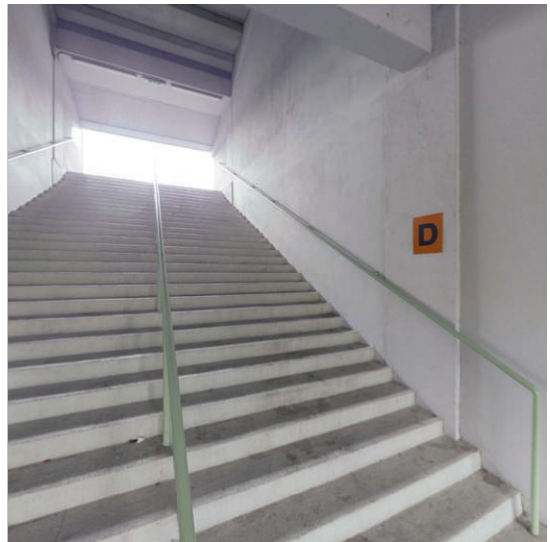
$X = -257943.14529$

$Y = 106708.43837$

$Z = 2137.97509$



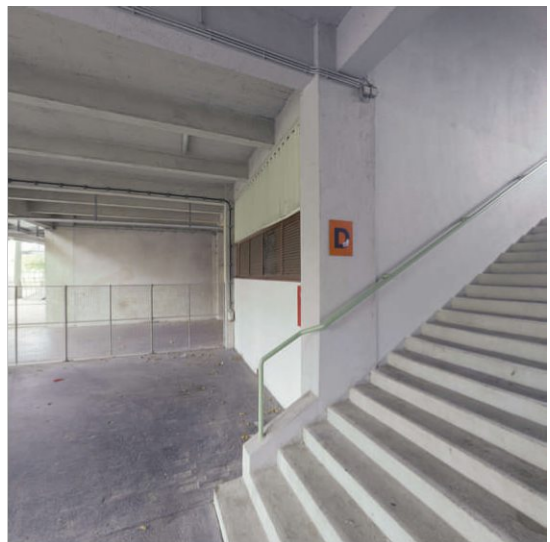
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_212_0.jpeg



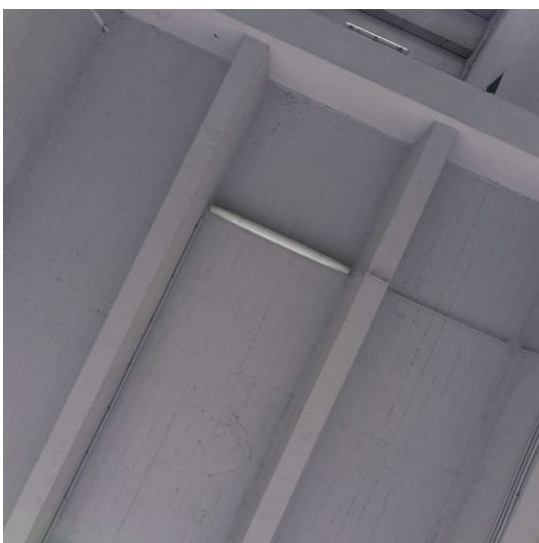
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_212_1.jpeg



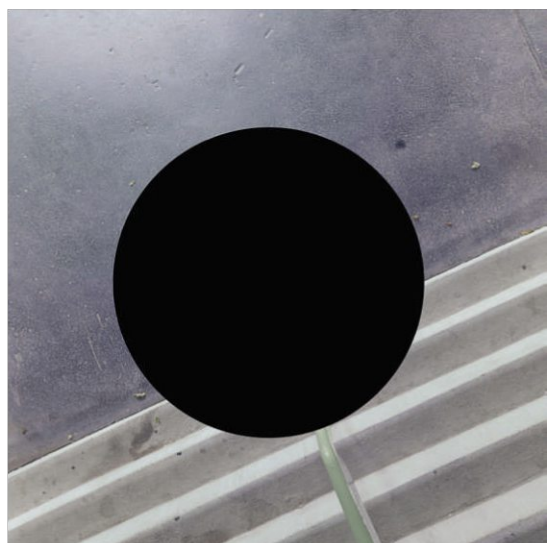
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_212_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_212_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_212_4.jpeg

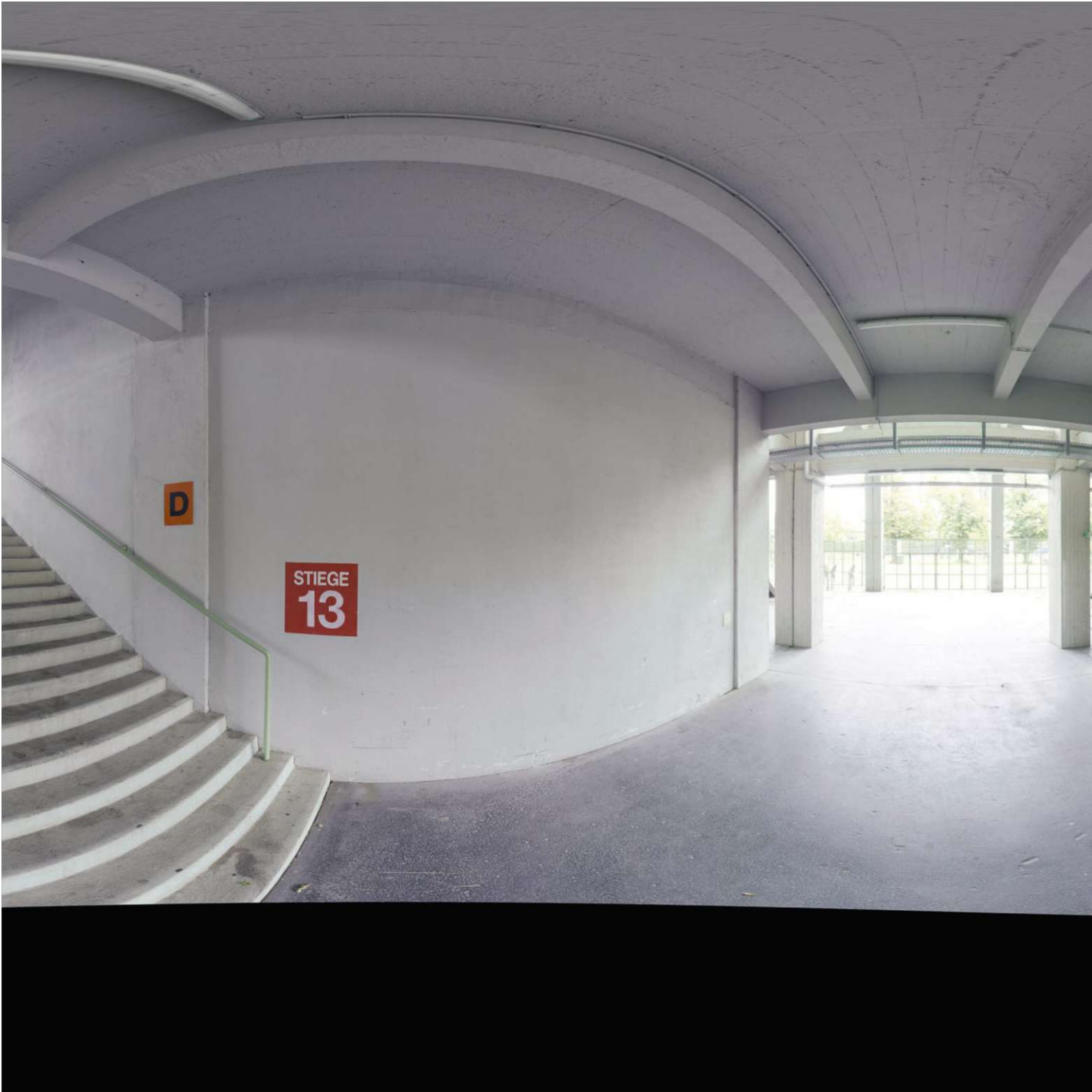


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_212_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_212.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

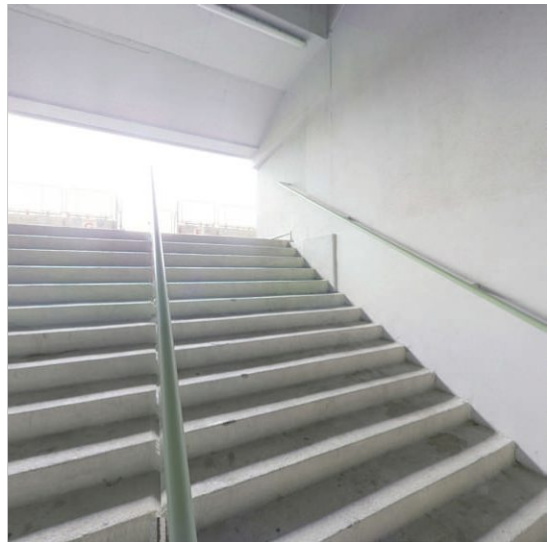
X = -253806.18042

Y = 103110.92611

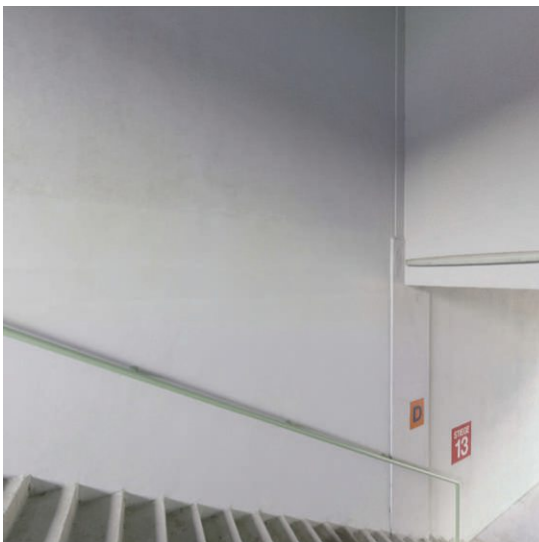
Z = 4556.88224



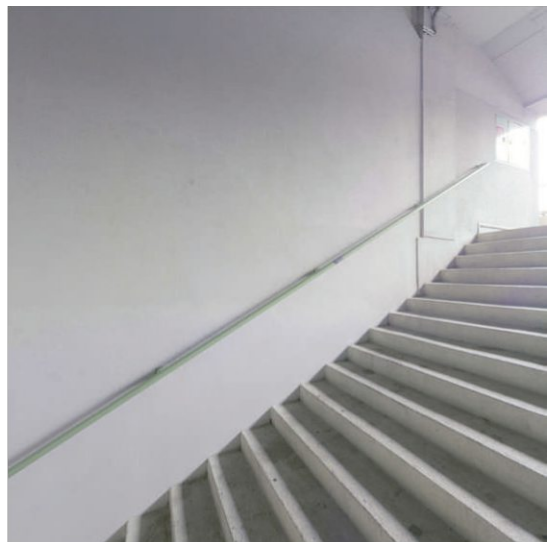
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_213_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_213_1.jpeg



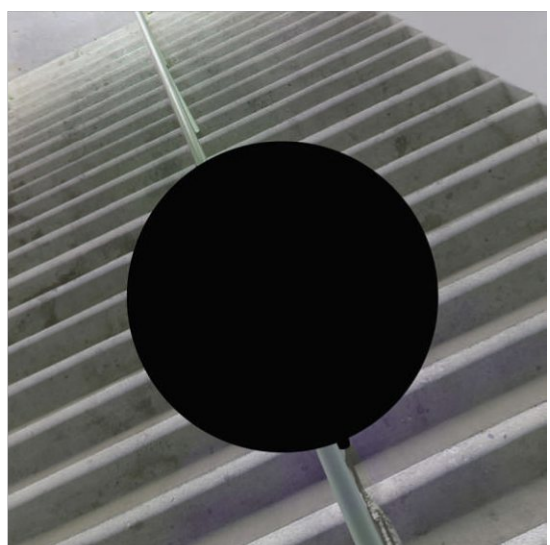
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_213_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_213_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_213_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_213_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_213.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -250233.83168$

$Y = 99967.12878$

$Z = 6625.4266$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_214_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_214_1.jpeg



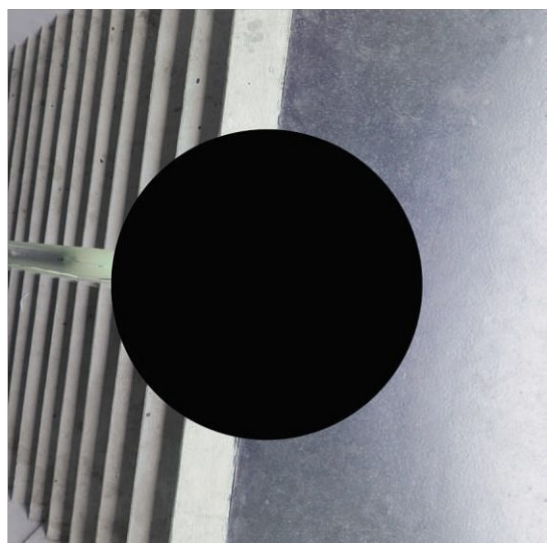
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_214_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_214_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_214_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_214_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_214.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

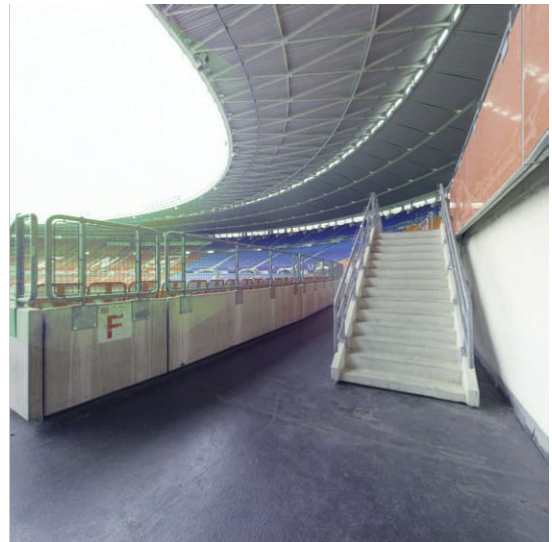
$X = -248685.30987$

$Y = 98635.75614$

$Z = 6602.57552$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_215_0.jpeg



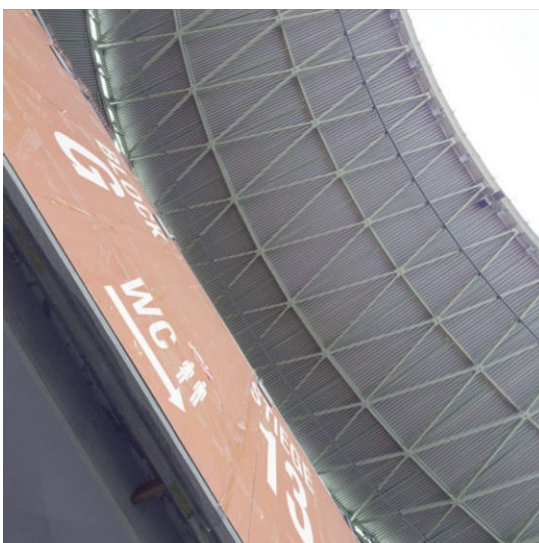
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_215_1.jpeg



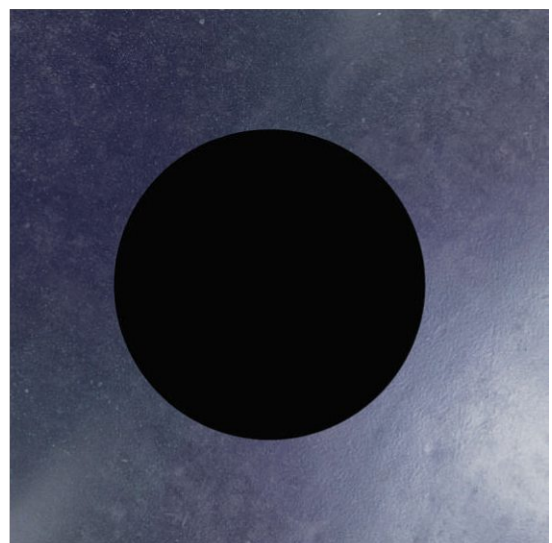
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_215_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_215_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_215_4.jpeg

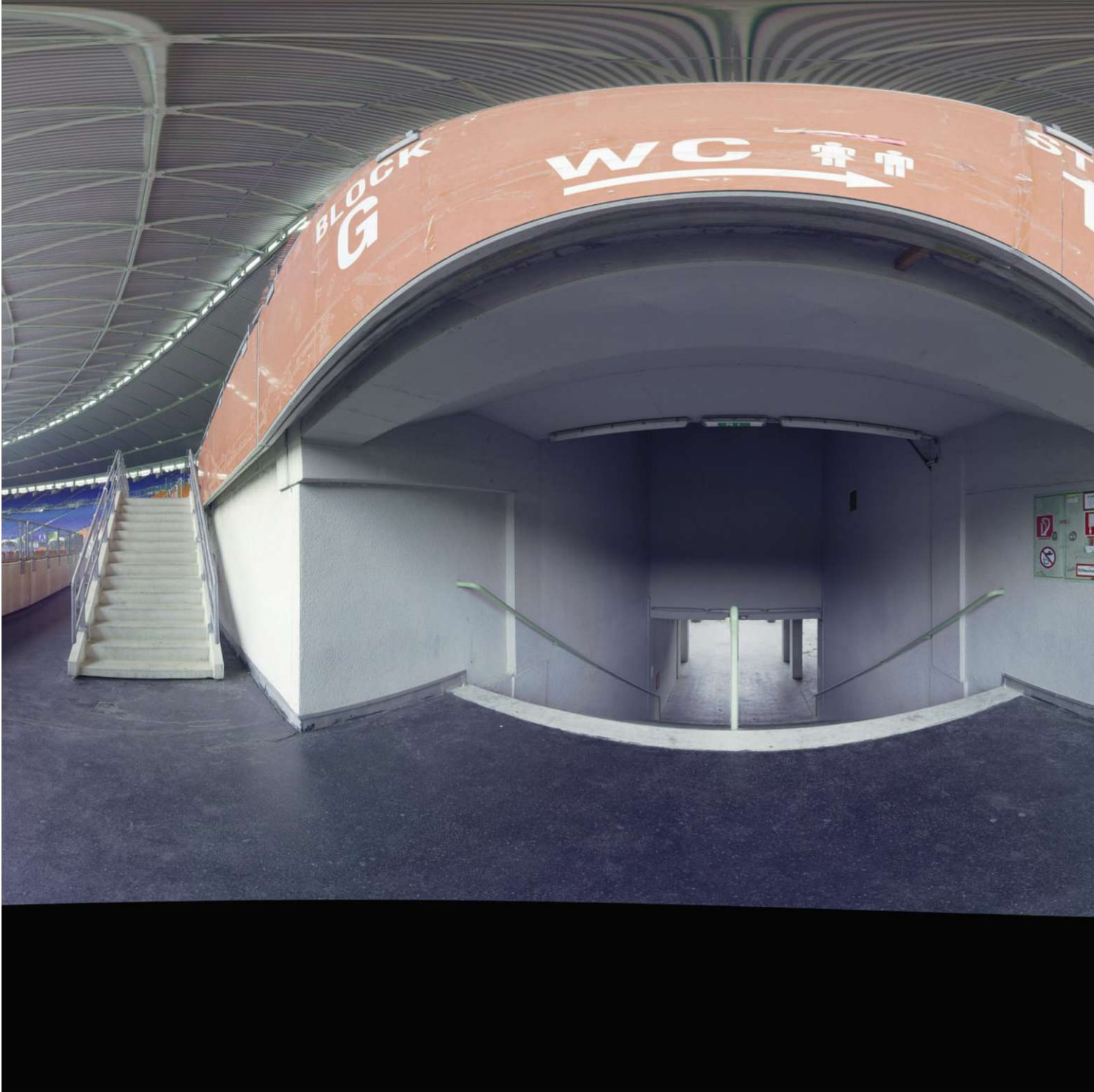


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_215_5.jpeg

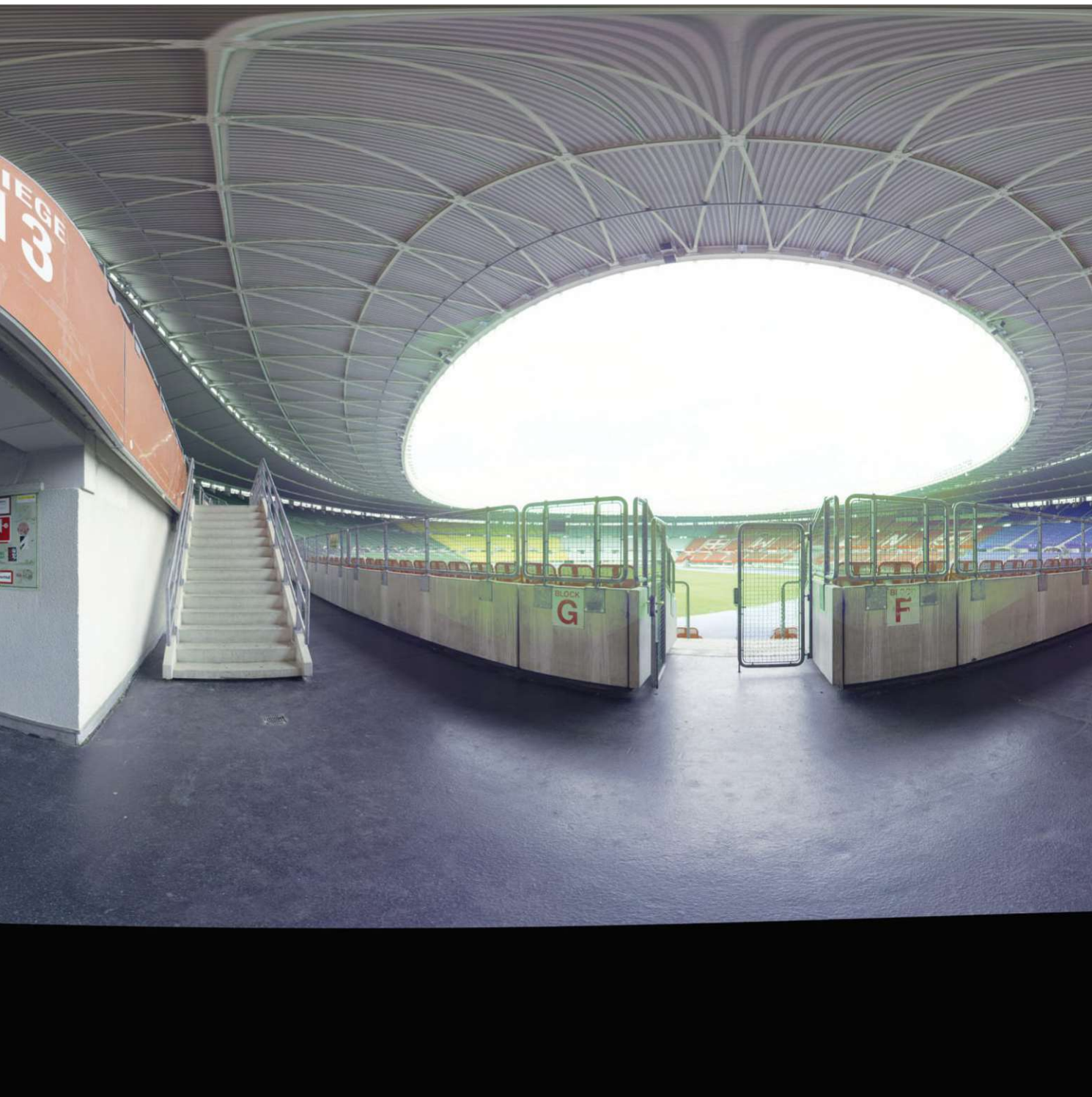
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_215.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -253296.97055

Y = 113637.87209

Z = 2127.27026



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_216_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_216_1.jpeg



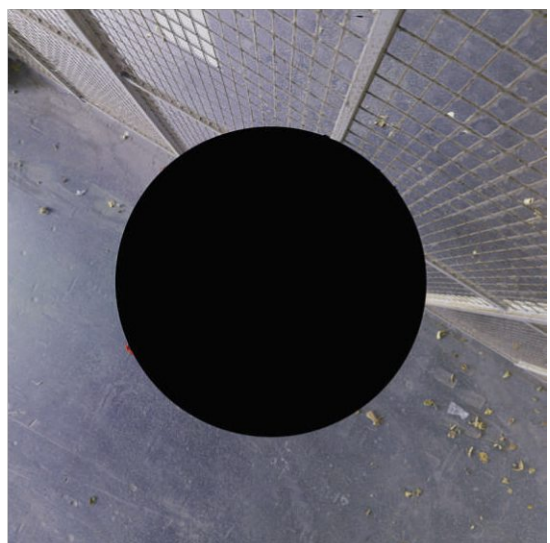
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_216_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_216_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_216_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_216_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_216.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

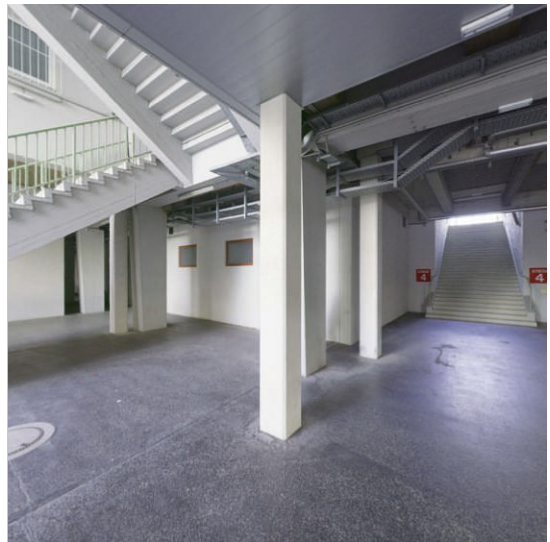
$X = -172761.16303$

$Y = -44131.00384$

$Z = 1780.63056$



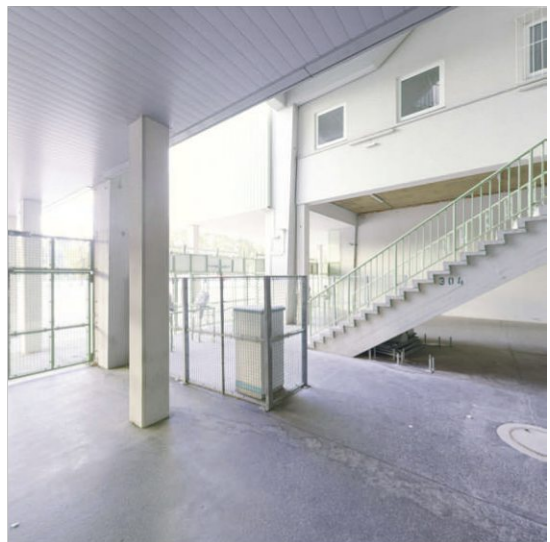
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_217_0.jpeg



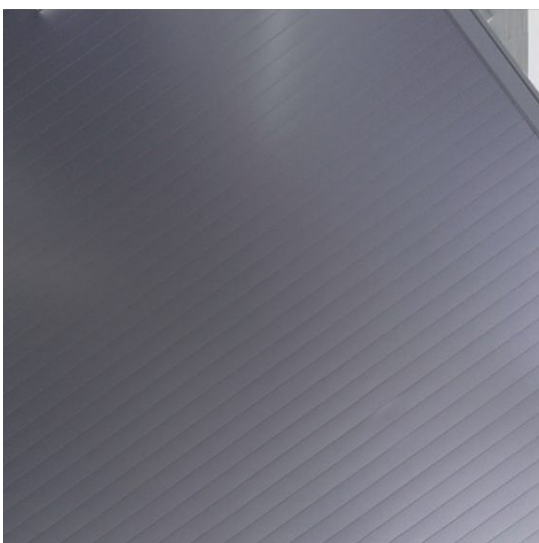
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_217_1.jpeg



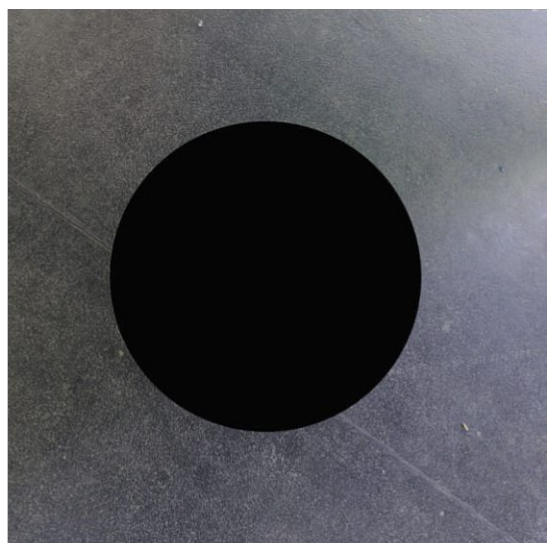
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_217_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_217_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_217_4.jpeg

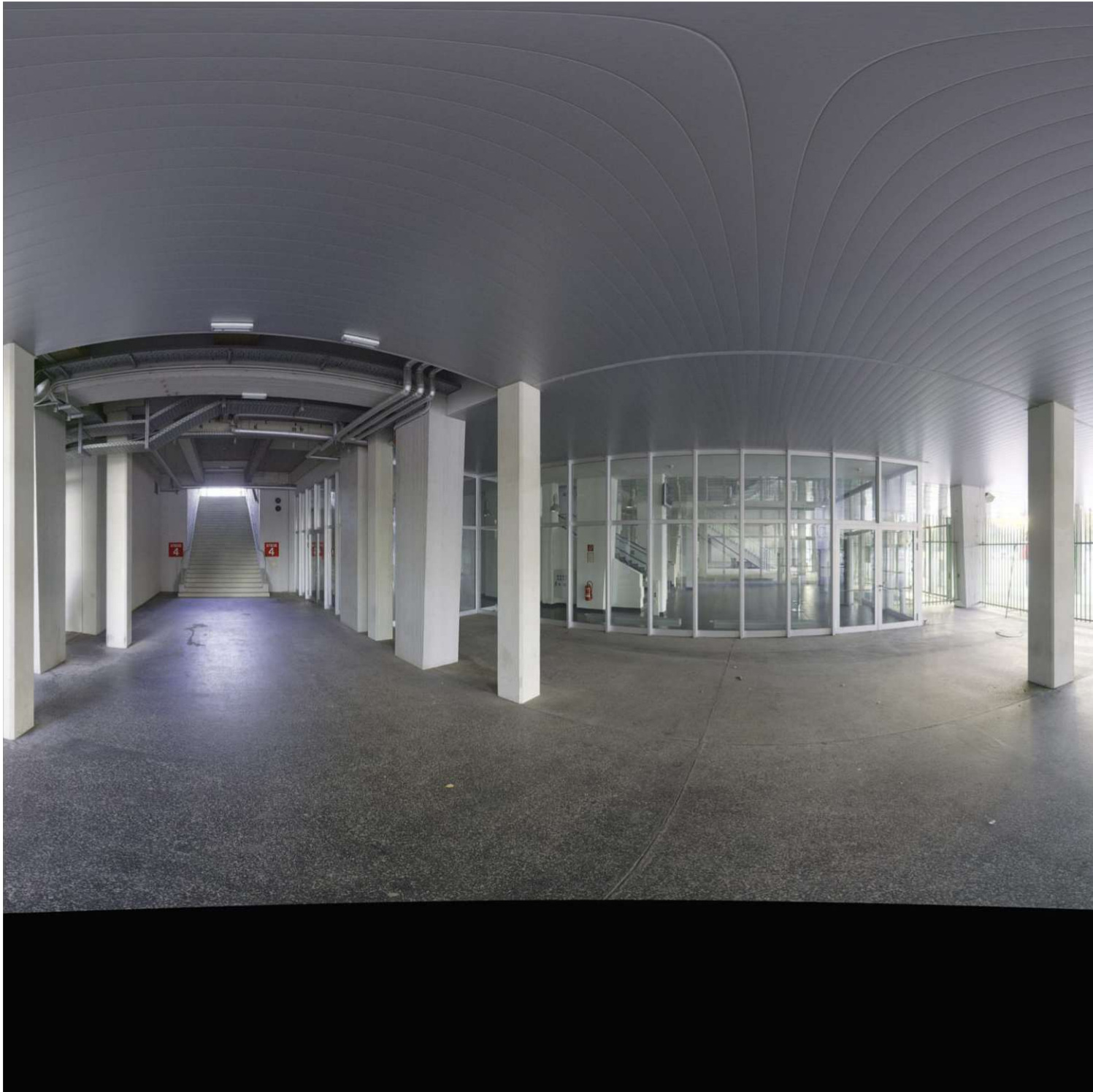


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_217_5.jpeg

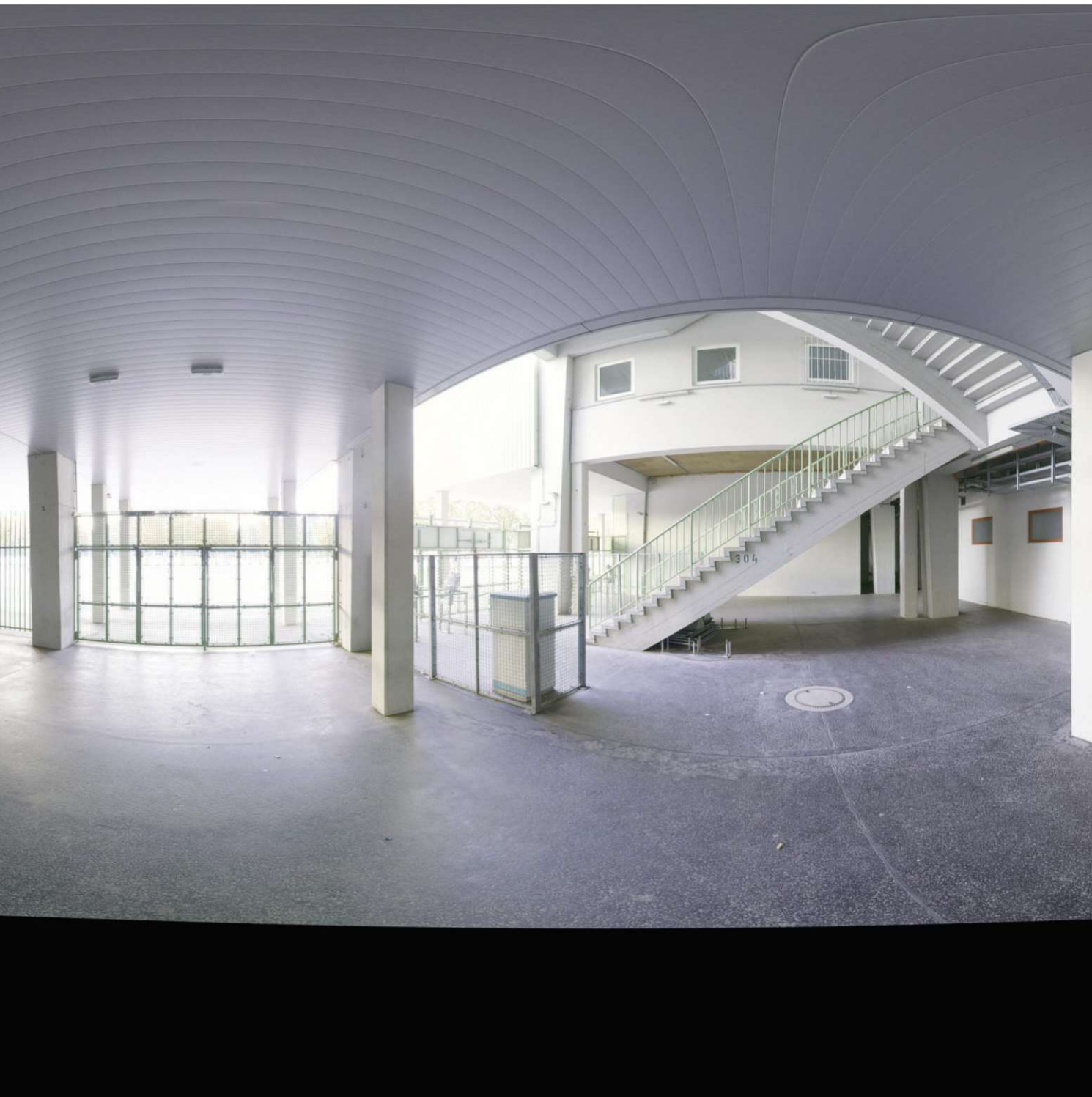
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_217.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -167248.36983$

$Y = -49259.60784$

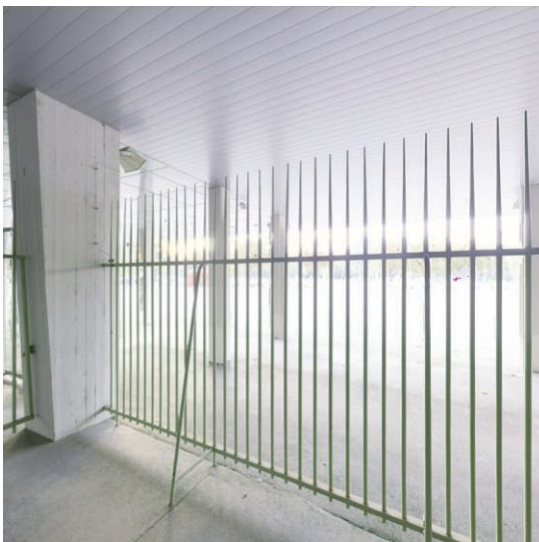
$Z = 1755.26399$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_218_0.jpeg



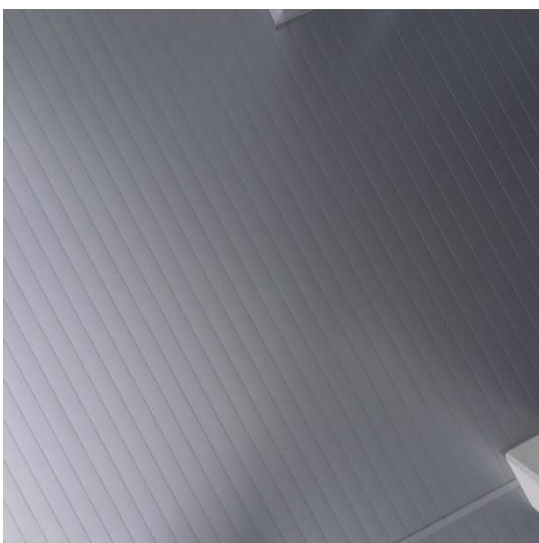
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_218_1.jpeg



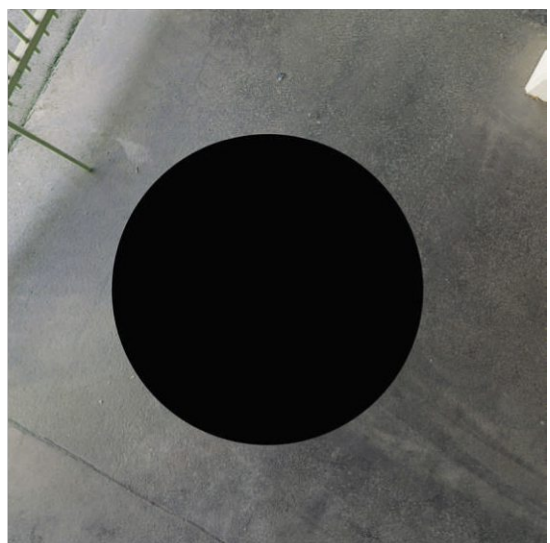
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_218_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_218_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_218_4.jpeg

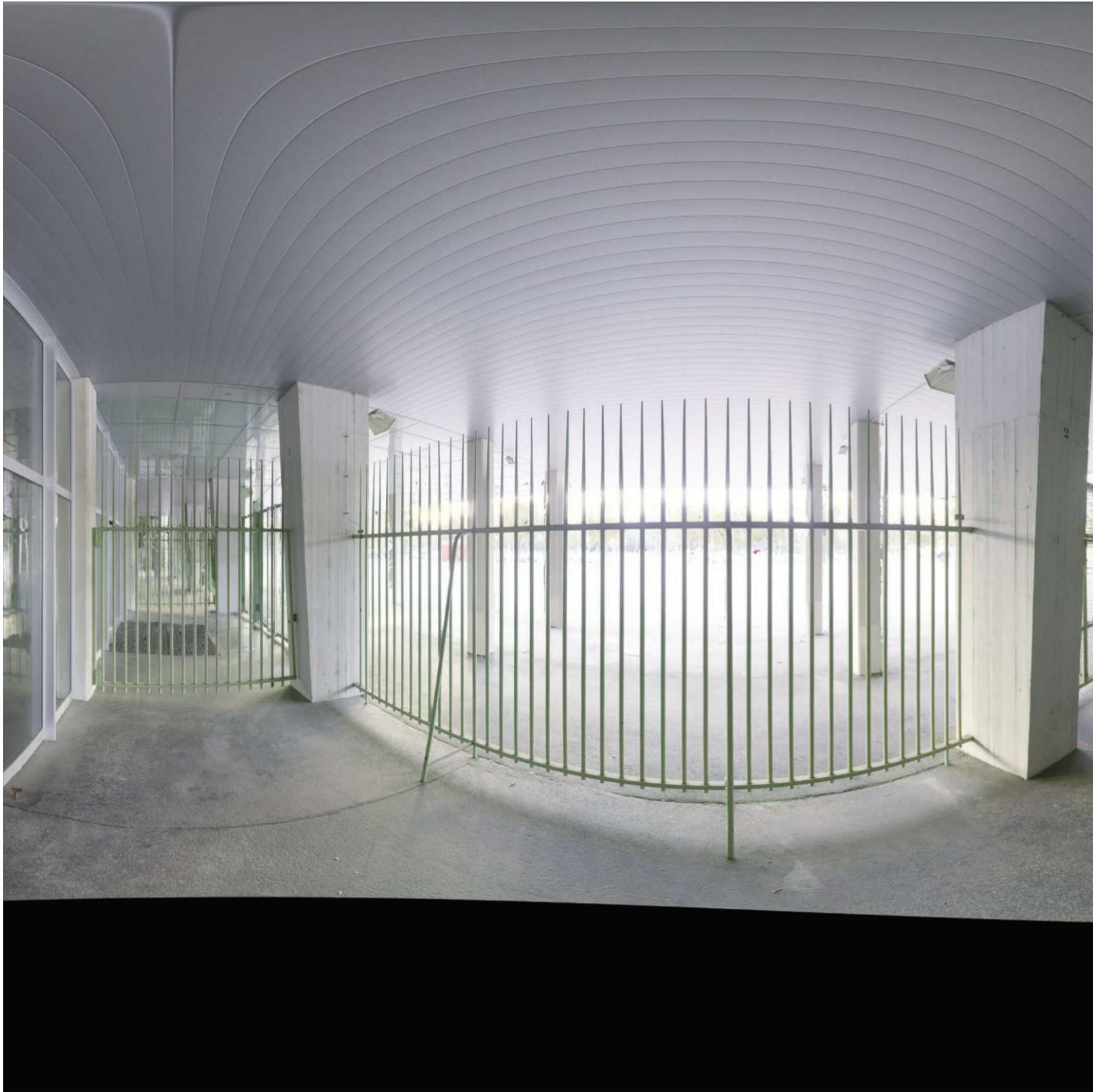


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_218_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_218.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

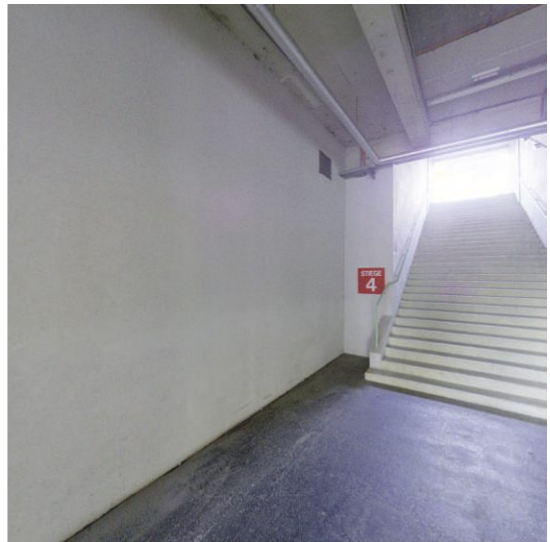
$X = -172453.40549$

$Y = -36170.61506$

$Z = 1864.82085$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_219_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_219_1.jpeg



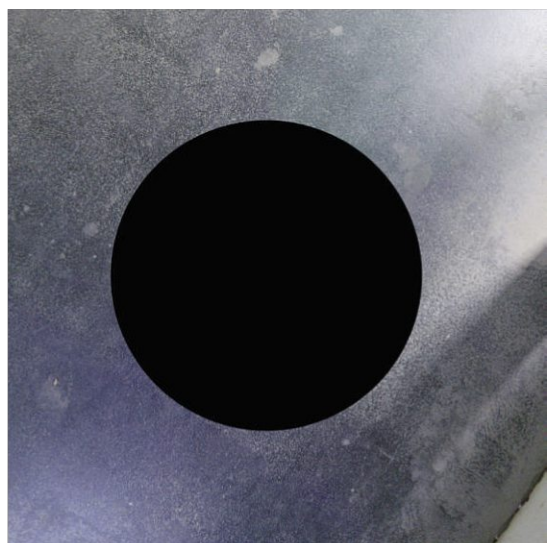
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_219_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_219_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_219_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_219_5.jpeg

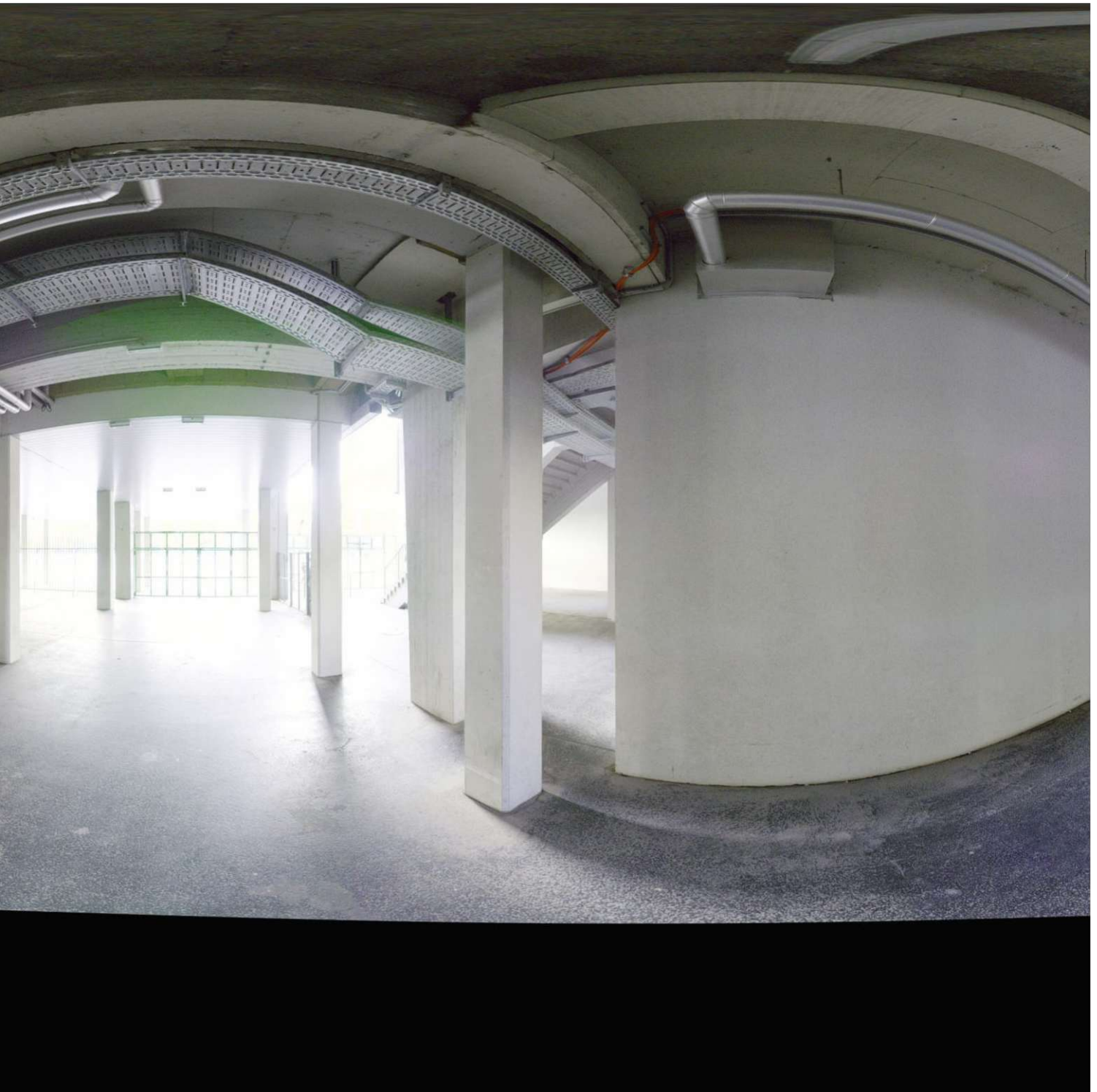
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_219.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -172139.05704$

$Y = -31699.46236$

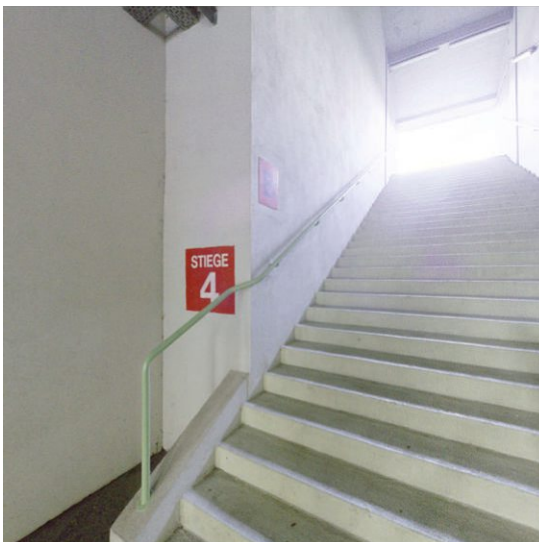
$Z = 1740.68276$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_220_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_220_1.jpeg



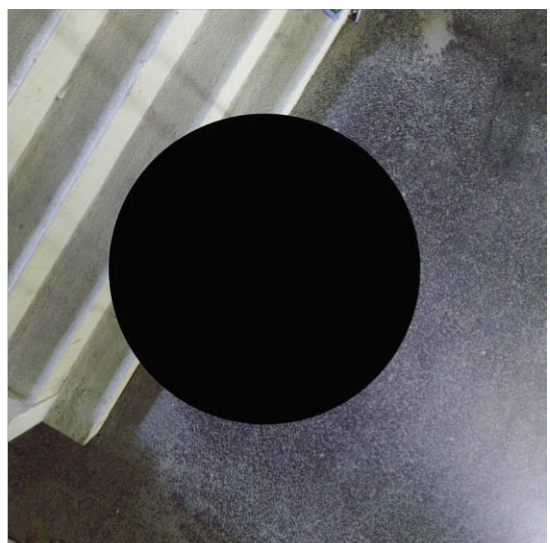
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_220_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_220_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_220_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_220_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_220.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

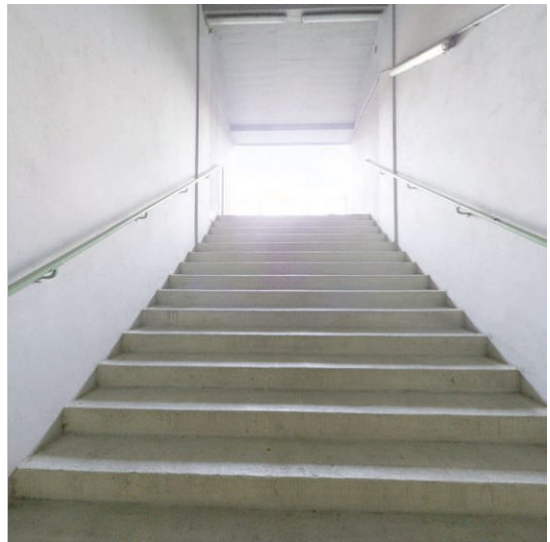
$X = -171792.13385$

$Y = -27126.47272$

$Z = 3994.50953$



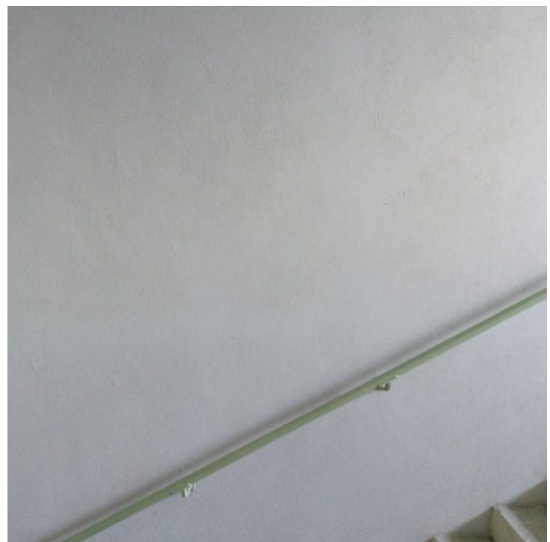
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_221_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_221_1.jpeg



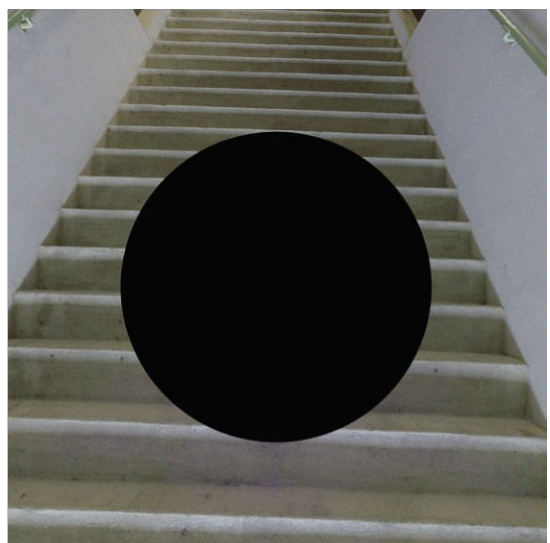
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_221_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_221_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_221_4.jpeg

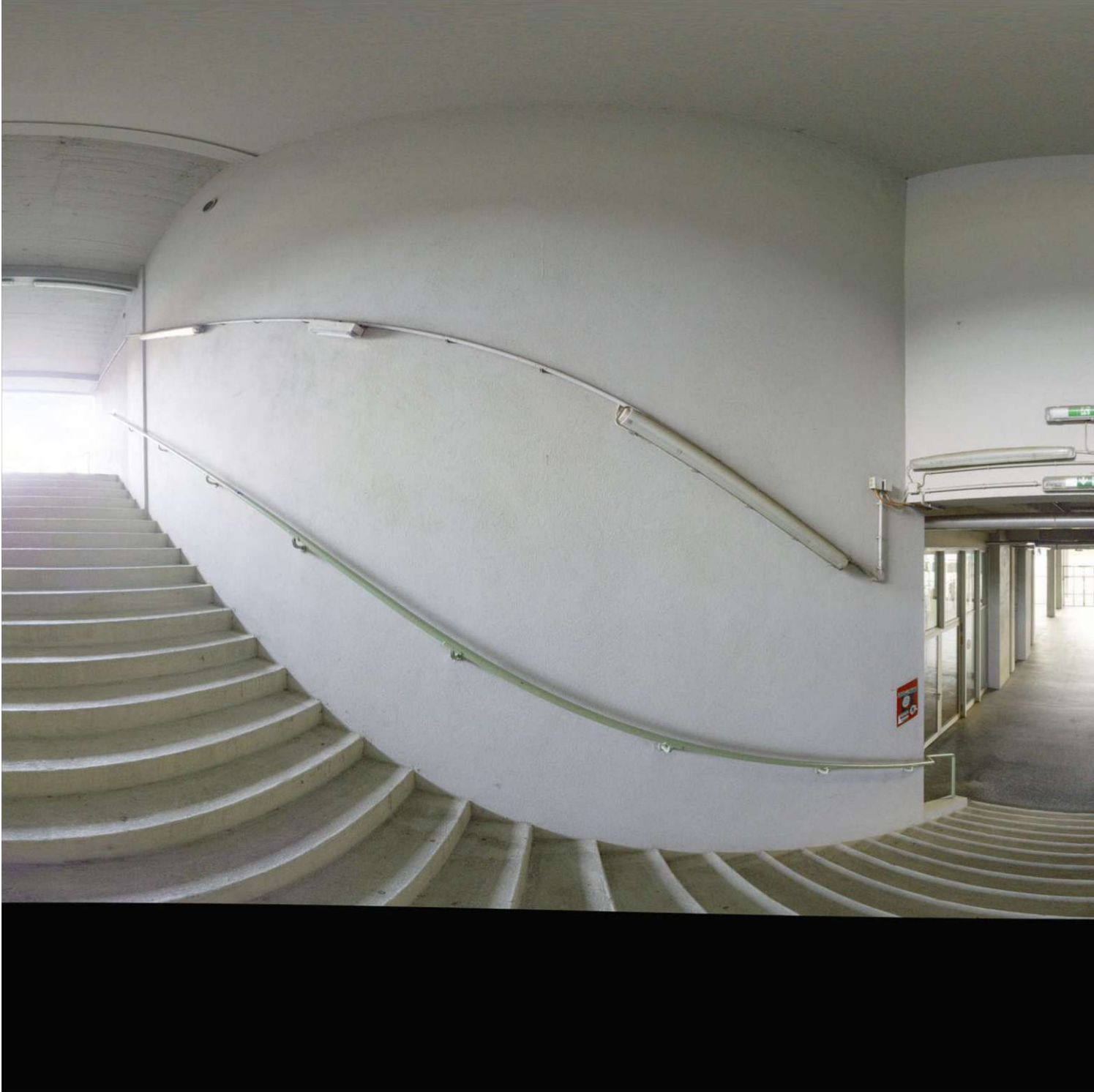


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_221_5.jpeg

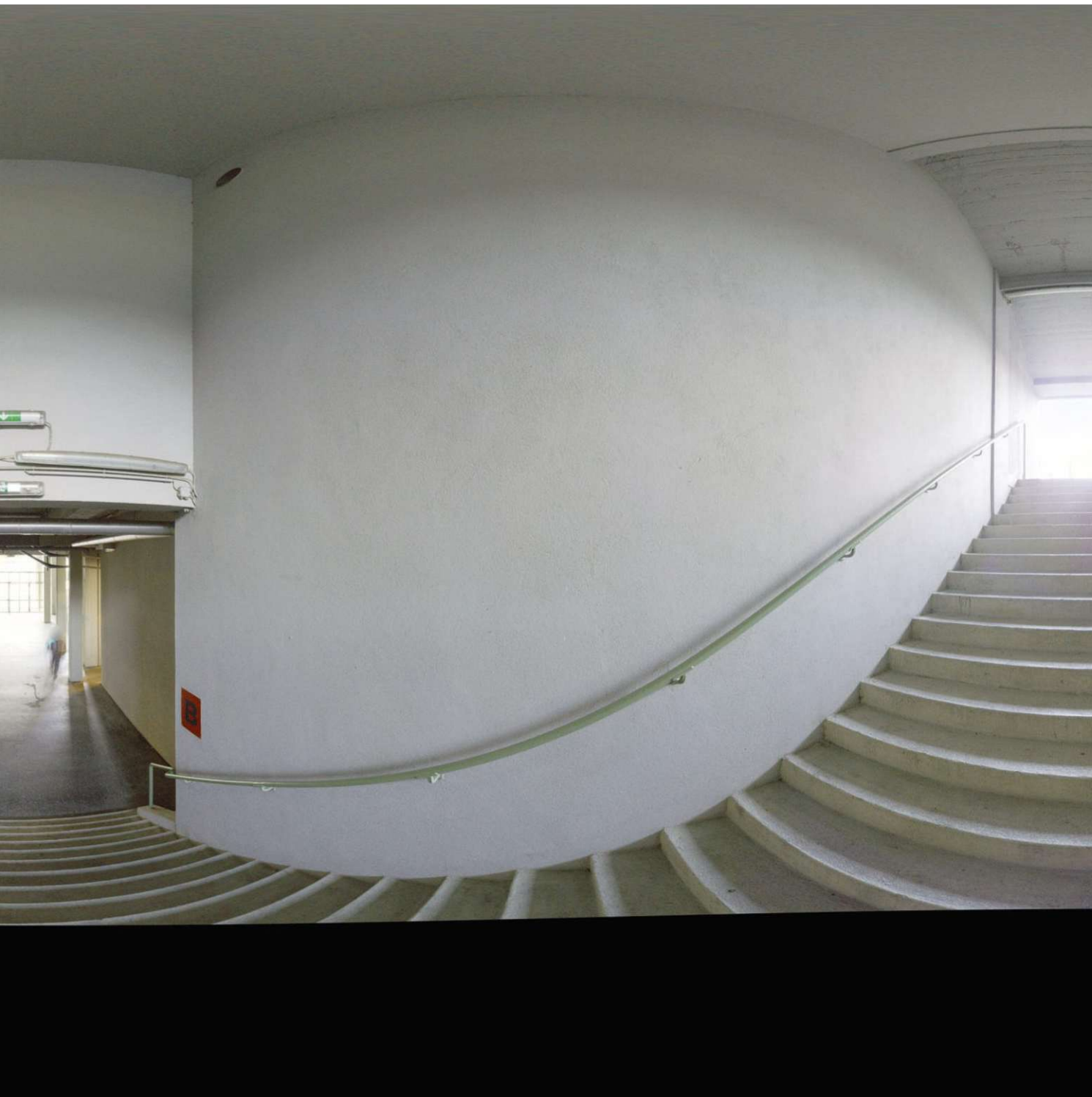
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_221.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

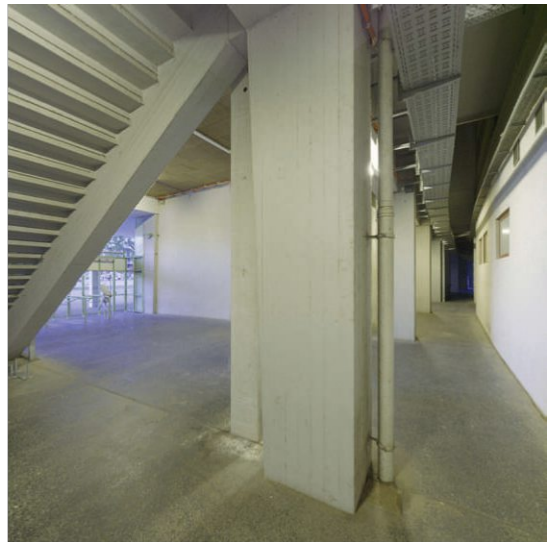
X = -179066.91133

Y = -37940.06389

Z = 1715.40219



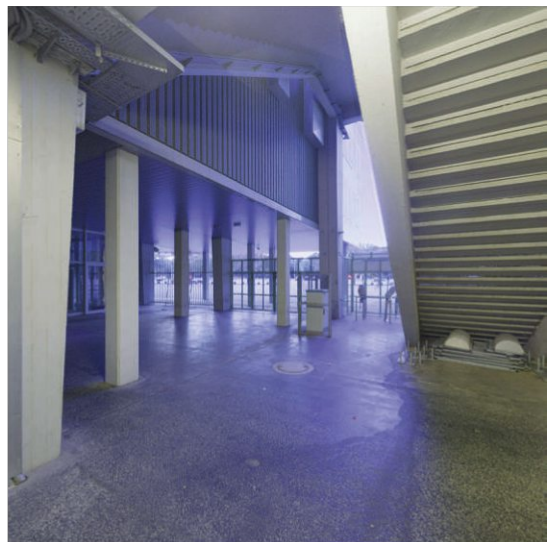
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_222_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_222_1.jpeg



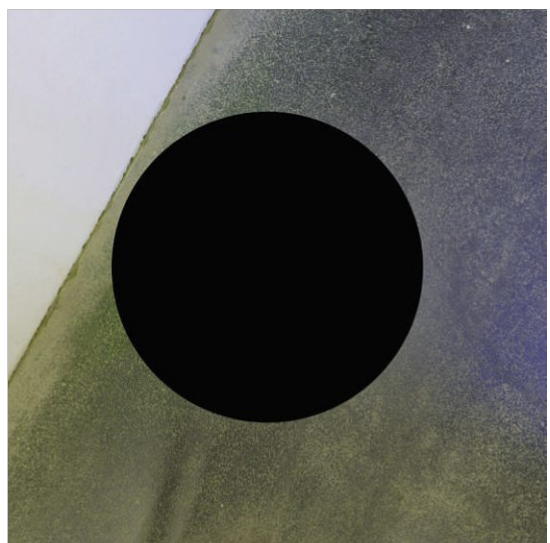
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_222_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_222_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_222_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_222_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_222.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -183861.80104

Y = -43213.59753

Z = 1661.60827



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_223_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_223_1.jpeg



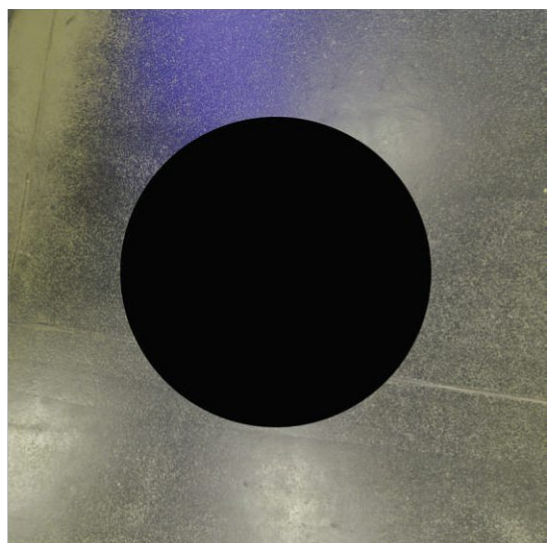
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_223_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_223_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_223_4.jpeg

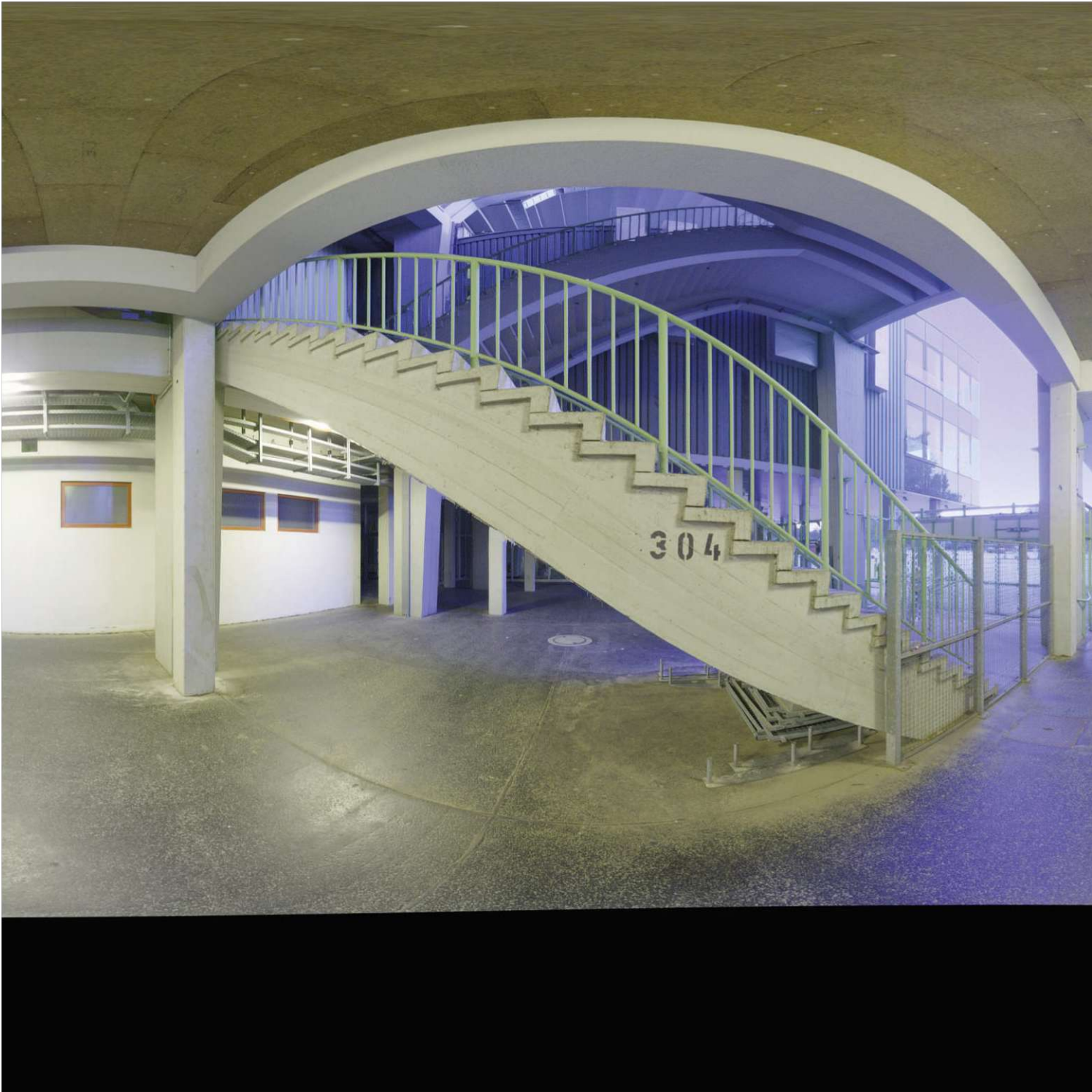


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_223_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_223.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

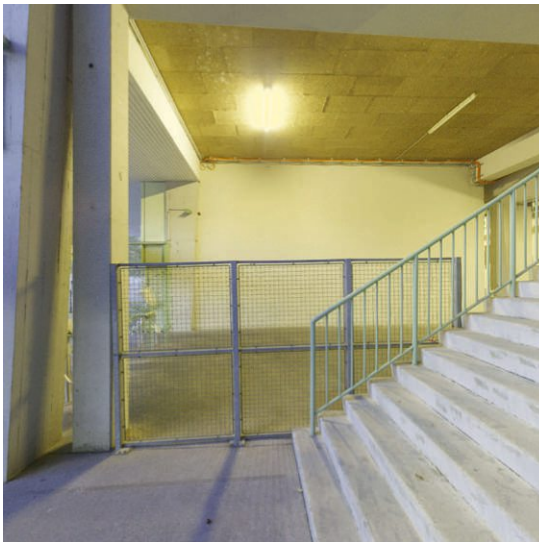
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -179570.14412

Y = -47956.4408

Z = 1601.3512



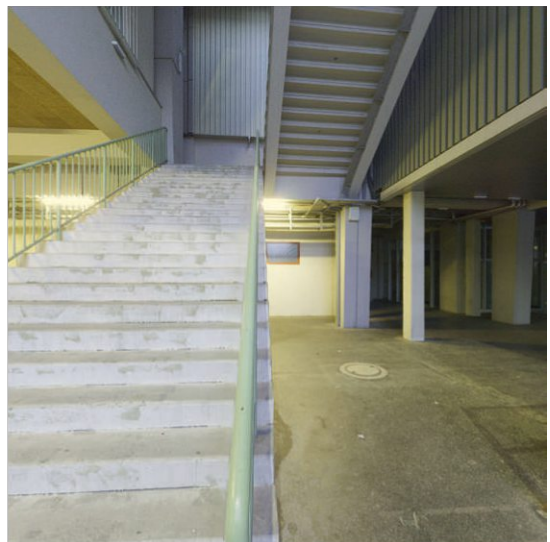
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_224_0.jpeg



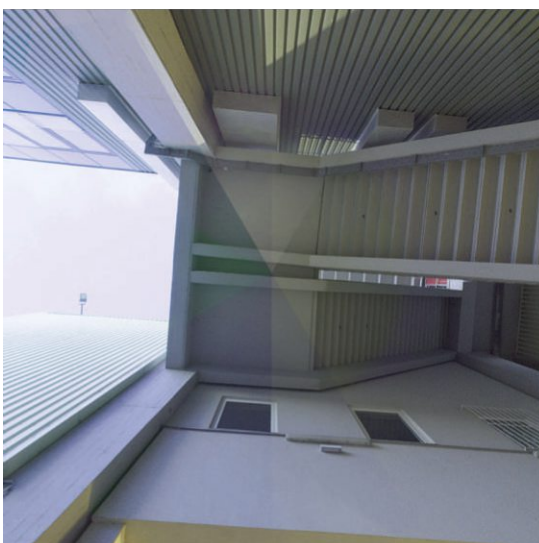
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_224_1.jpeg



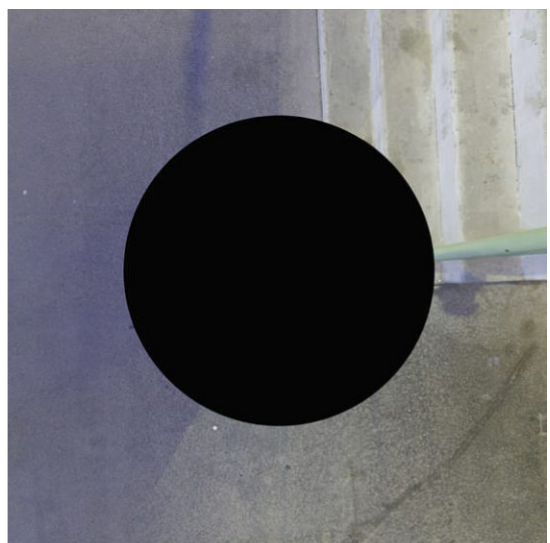
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_224_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_224_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_224_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_224_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_224.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

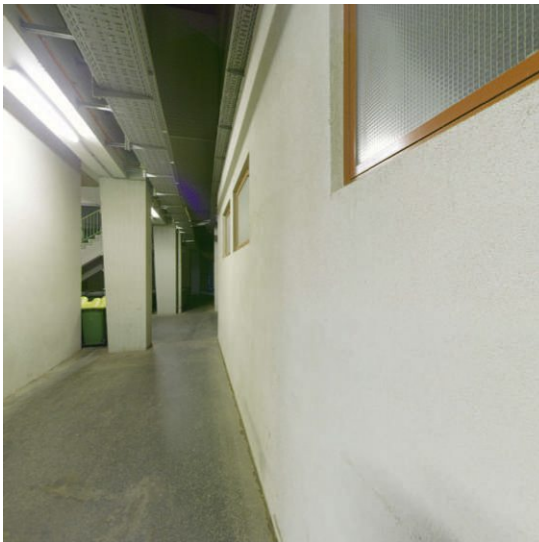
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

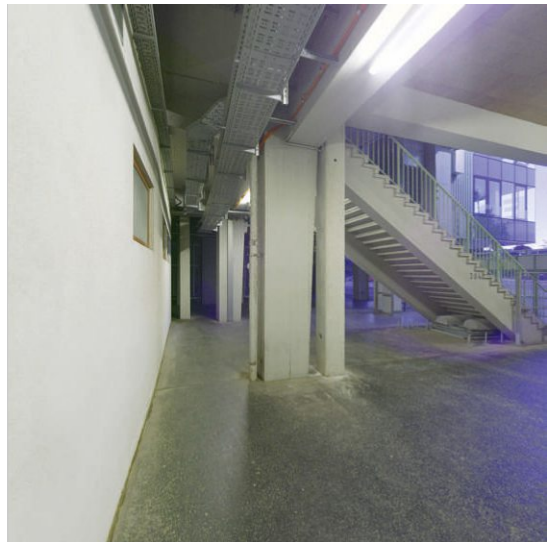
X = -186142.4676

Y = -36444.0901

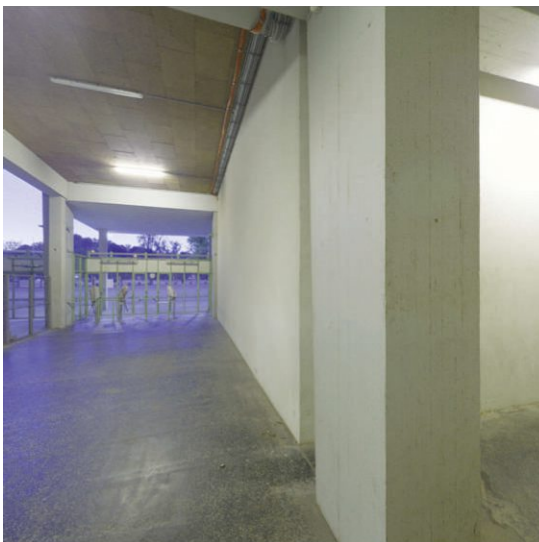
Z = 1729.51867



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_225_0.jpeg



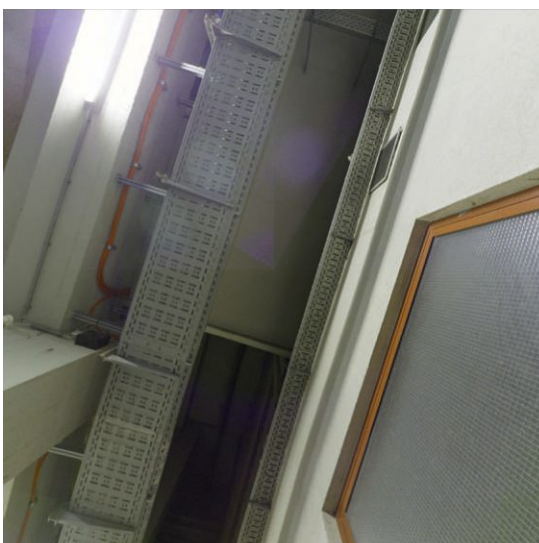
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_225_1.jpeg



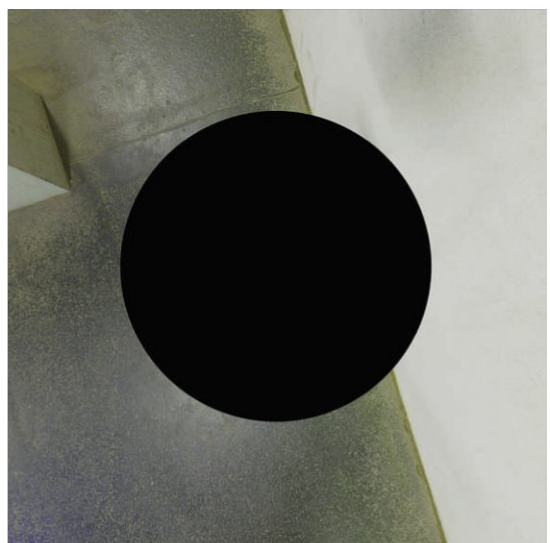
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_225_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_225_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_225_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_225_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_225.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

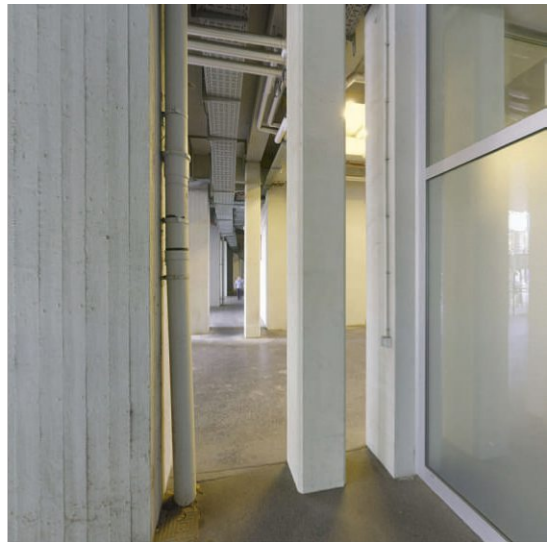
X = -167094.82037

Y = -38772.76328

Z = 1553.30048



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_226_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_226_1.jpeg



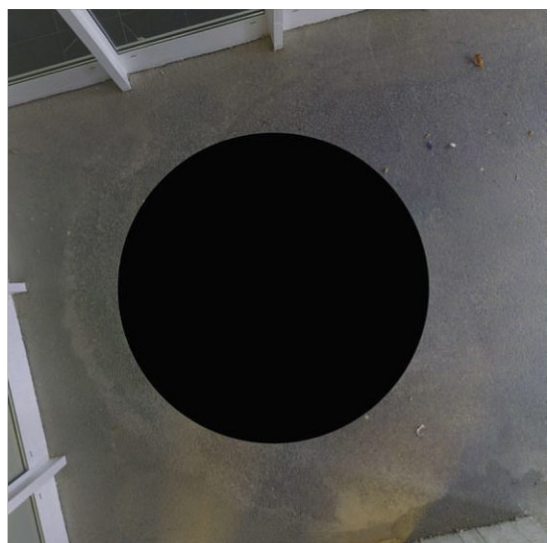
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_226_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_226_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_226_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_226_5.jpeg

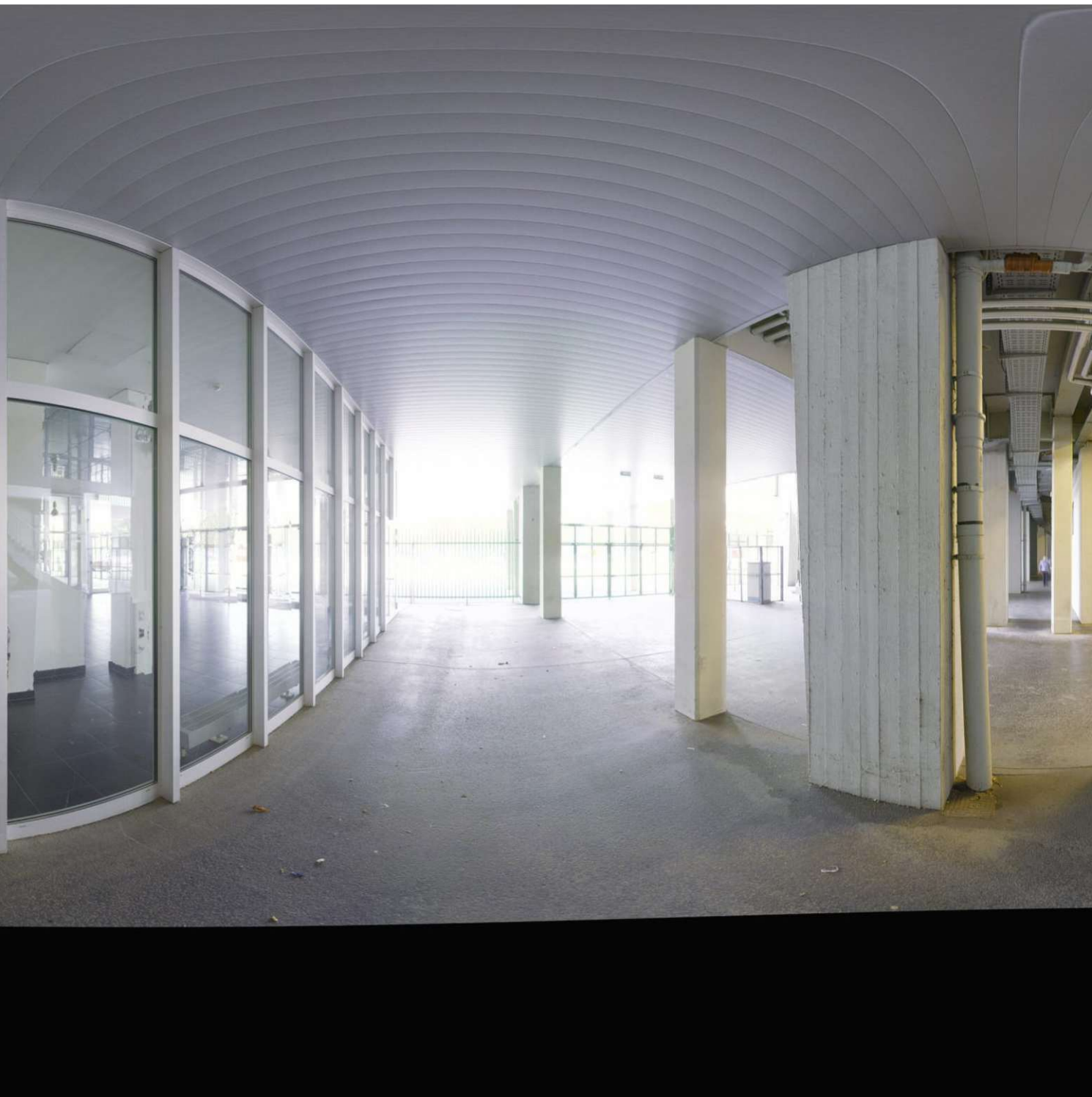
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_226.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

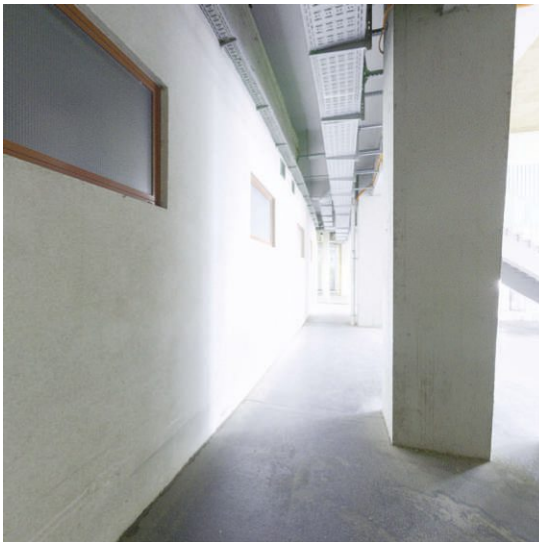
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

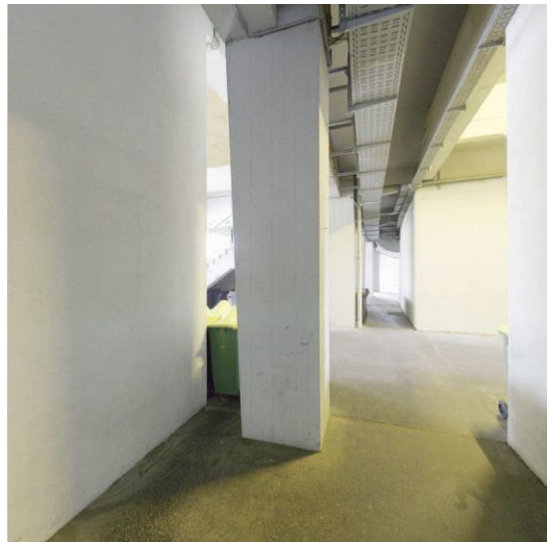
$X = -190759.38558$

$Y = -36582.32911$

$Z = 1554.86049$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_227_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_227_1.jpeg



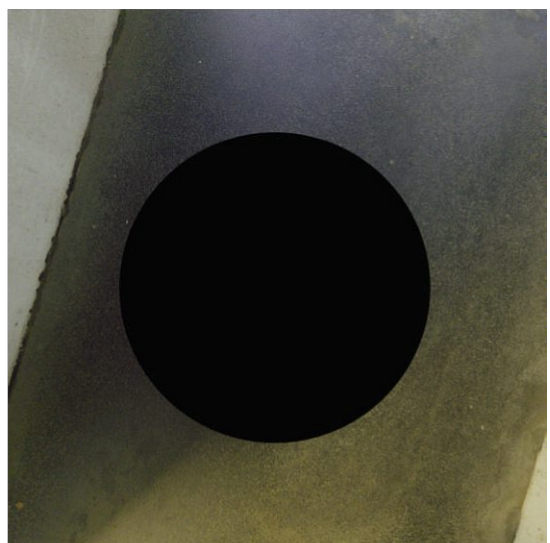
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_227_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_227_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_227_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_227_5.jpeg

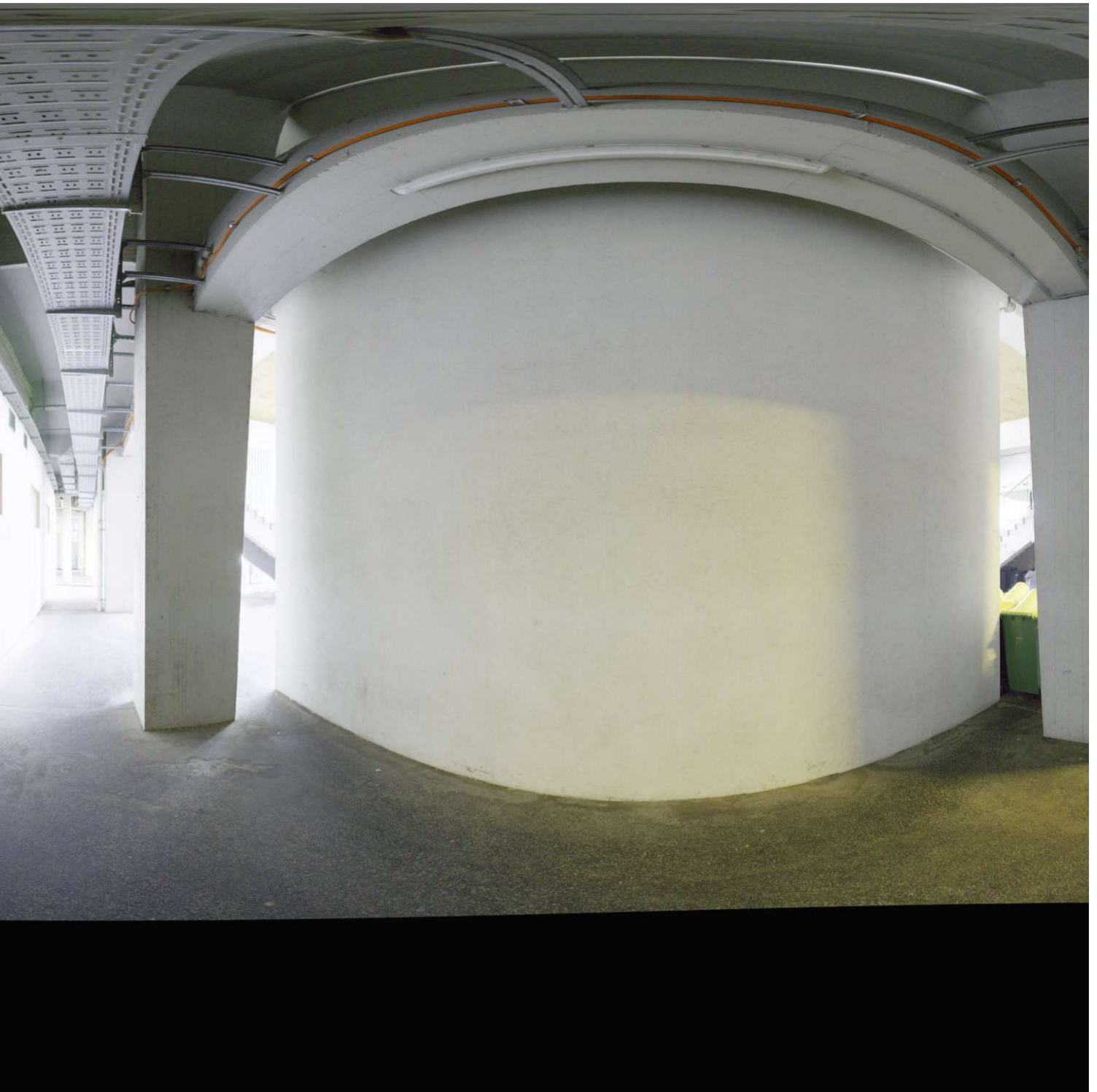
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_227.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -196617.0723

Y = -35052.96535

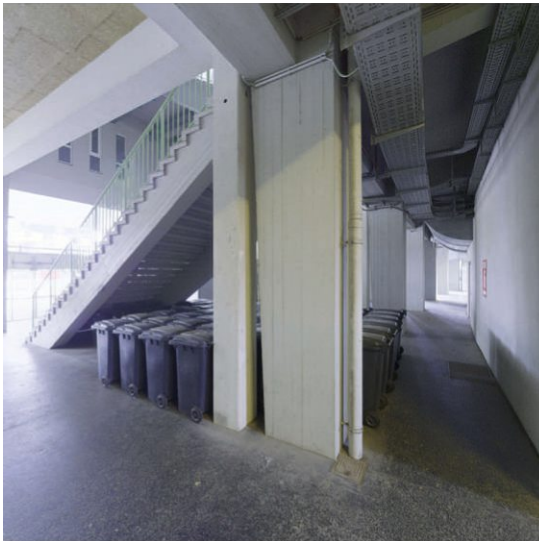
Z = 1730.91147



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_228_0.jpeg



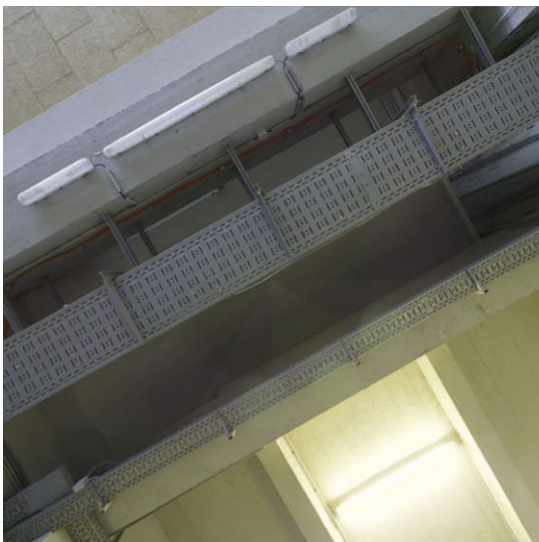
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_228_1.jpeg



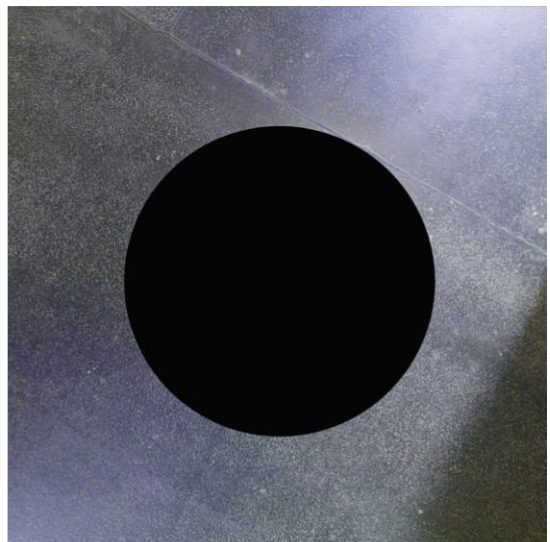
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_228_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_228_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_228_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_228_5.jpeg

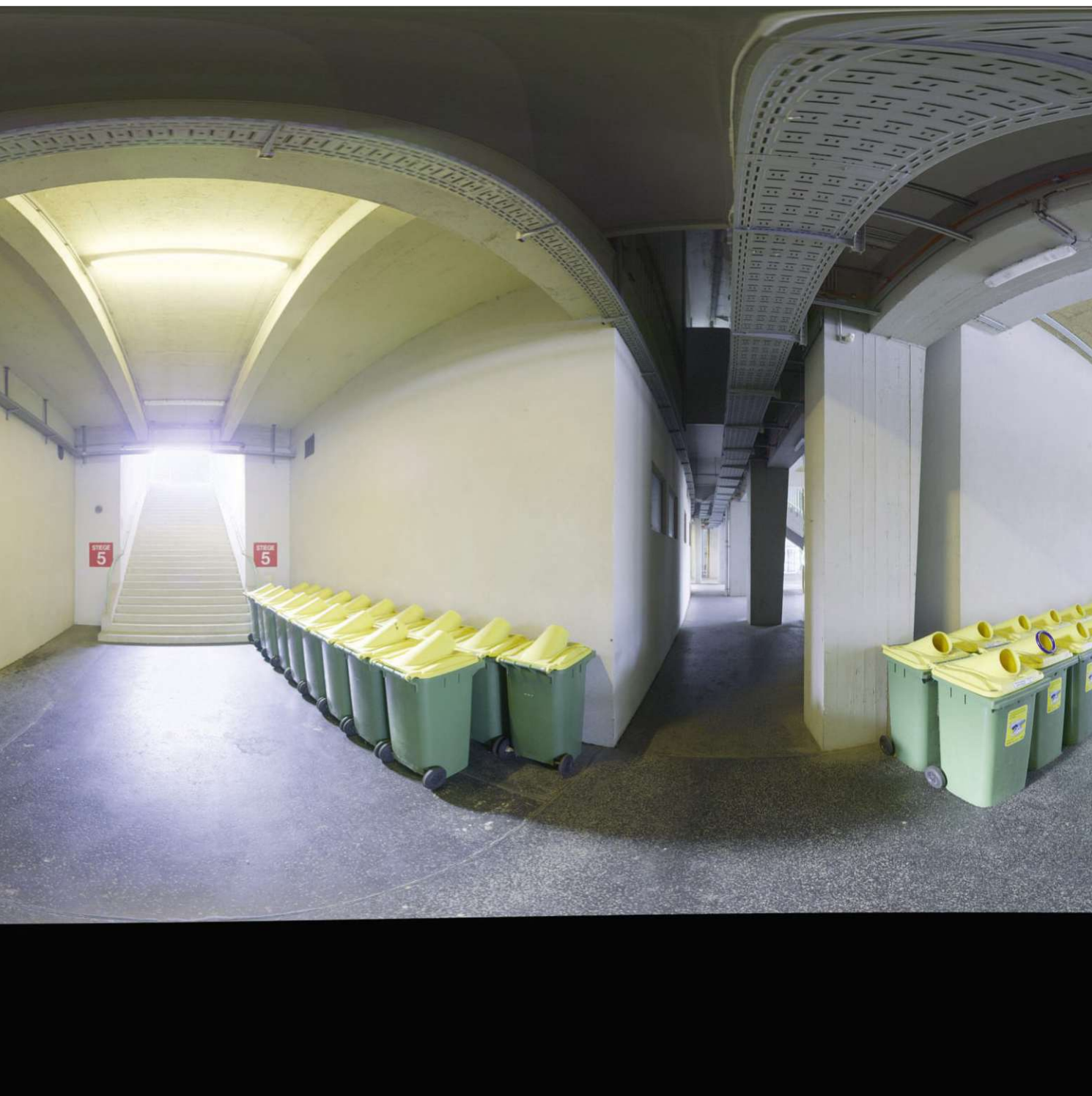
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_228.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

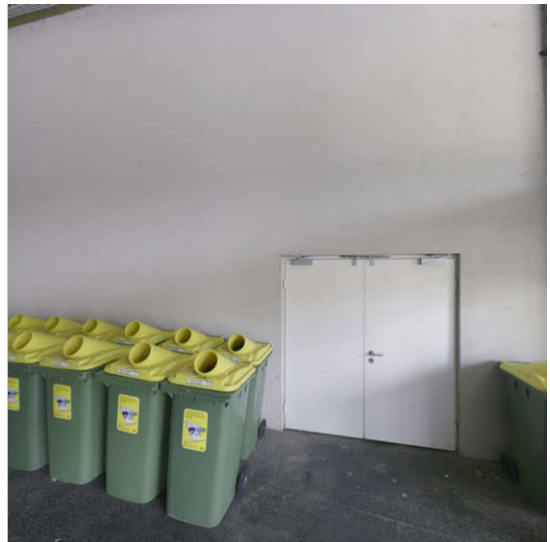
X = -198668.06806

Y = -45309.30124

Z = 1557.05421



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_229_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_229_1.jpeg



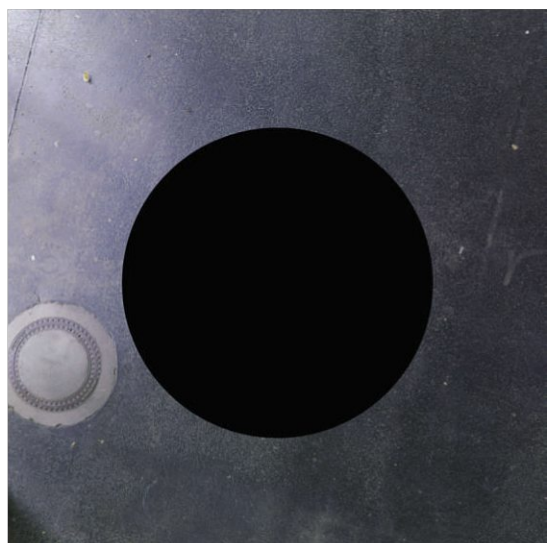
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_229_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_229_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_229_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_229_5.jpeg

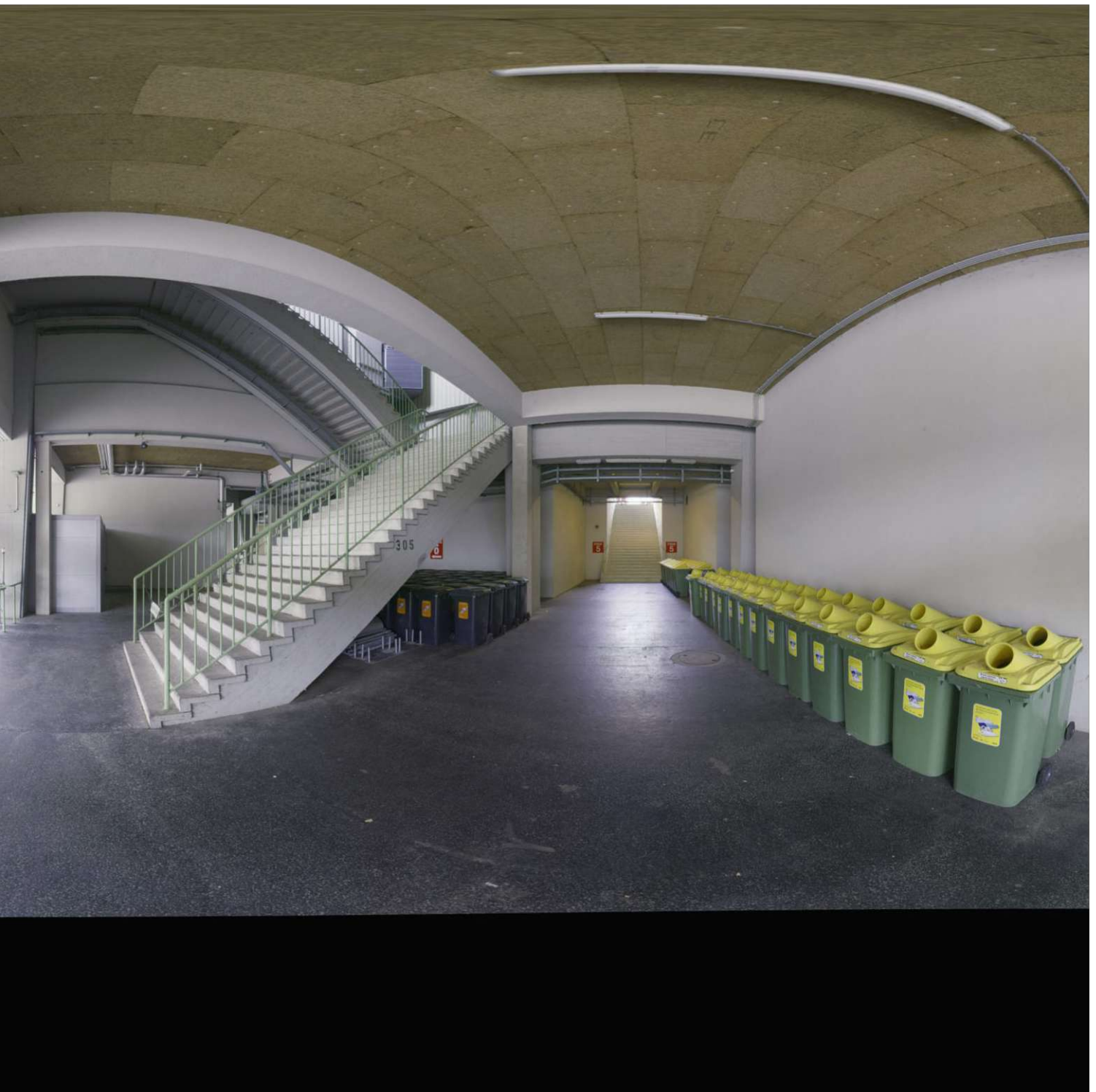
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_229.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

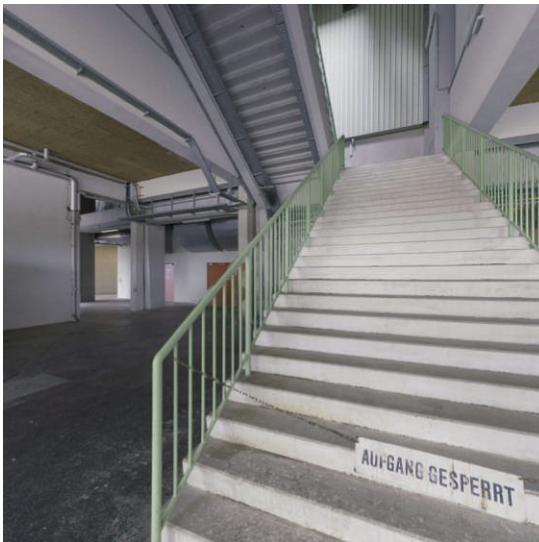
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -203517.4262

Y = -44700.04052

Z = 1545.12179



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_230_0.jpeg



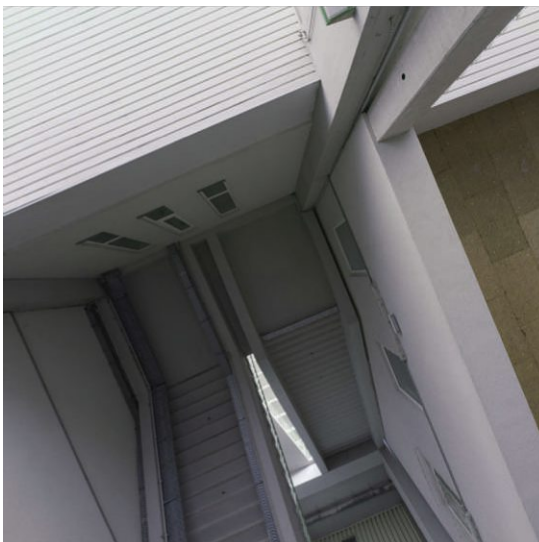
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_230_1.jpeg



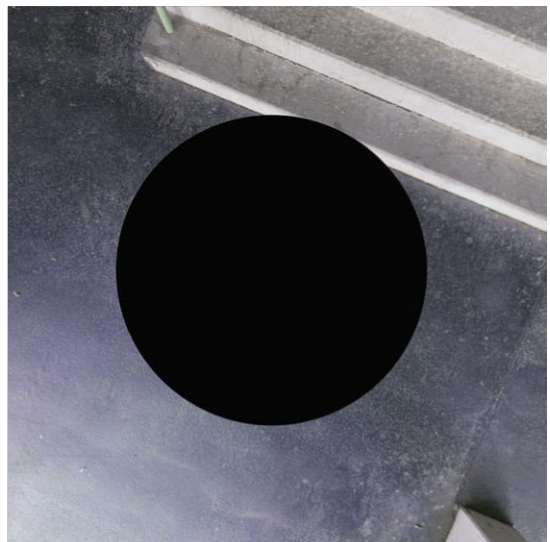
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_230_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_230_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_230_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_230_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_230.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

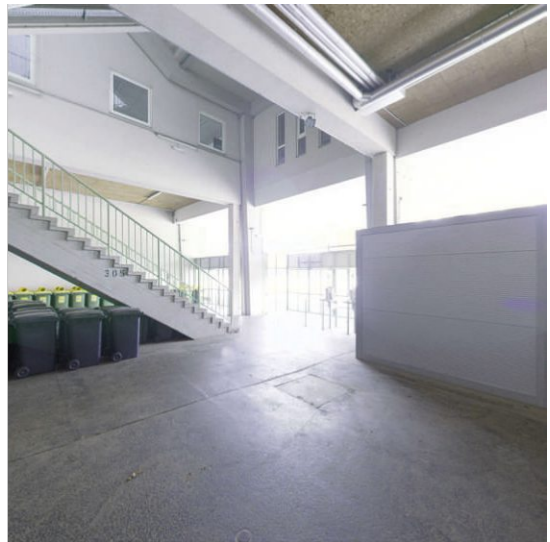
X = -210285.94285

Y = -37007.69942

Z = 1599.77408



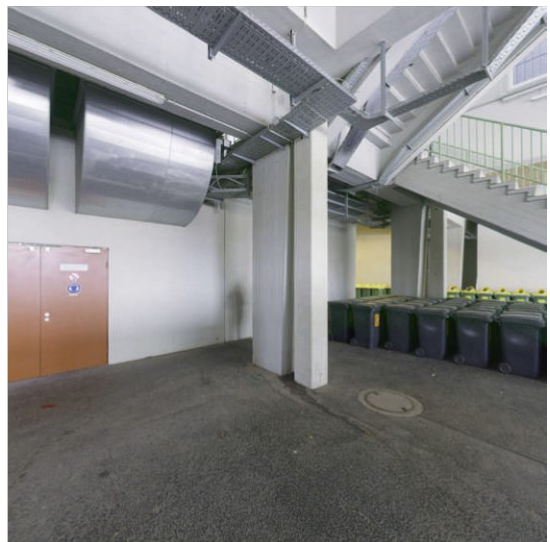
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_231_0.jpeg



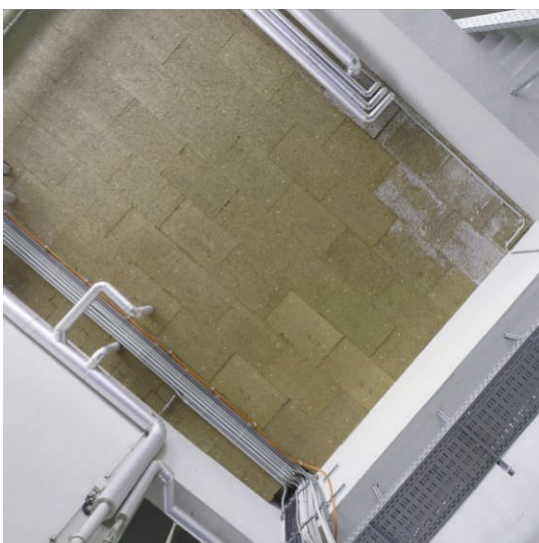
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_231_1.jpeg



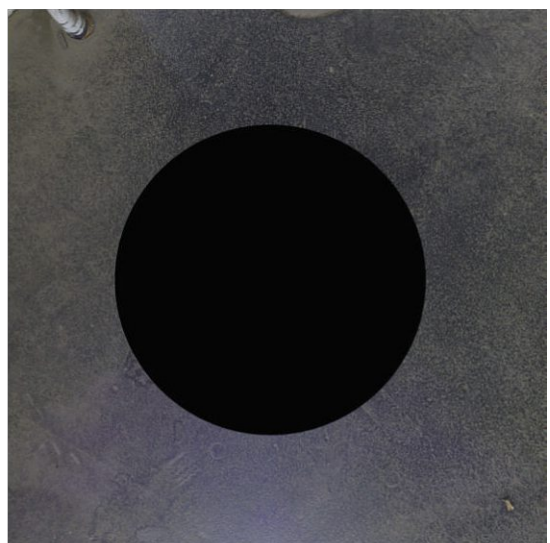
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_231_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_231_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_231_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_231_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_231.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

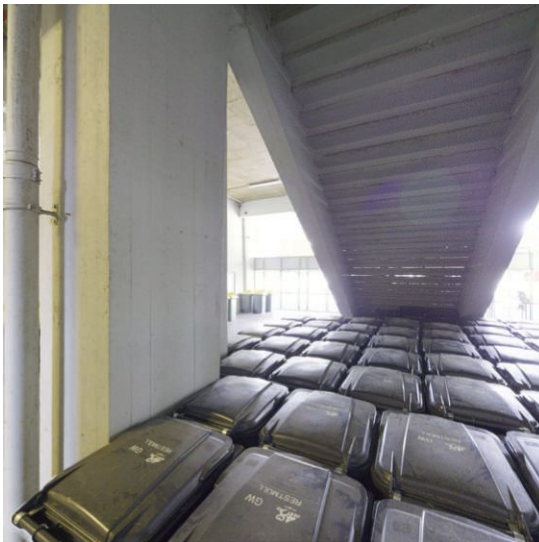
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -201176.13047

Y = -34073.80497

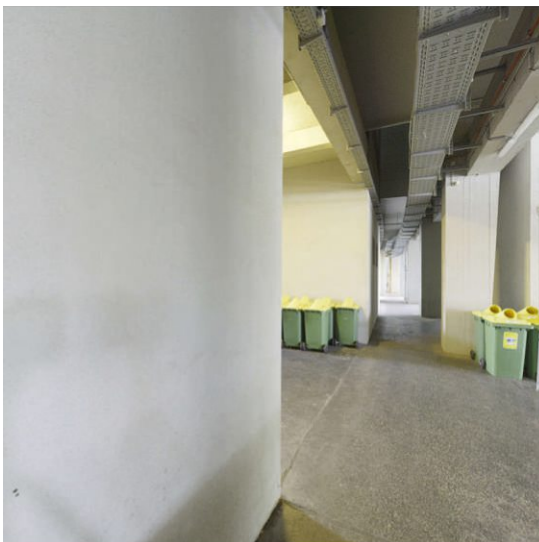
Z = 1698.49968



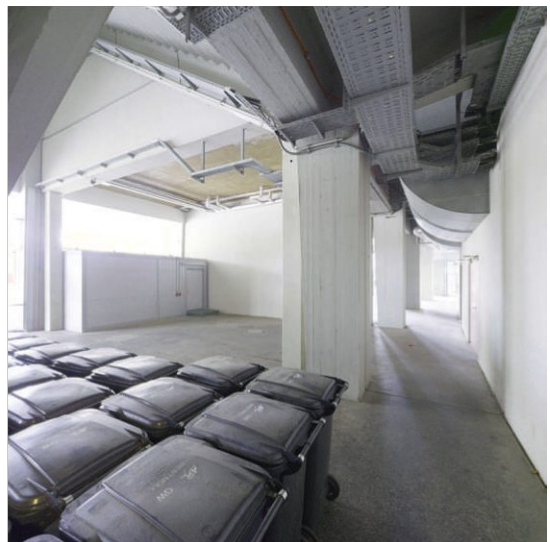
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_232_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_232_1.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_232_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_232_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_232_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_232_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_232.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

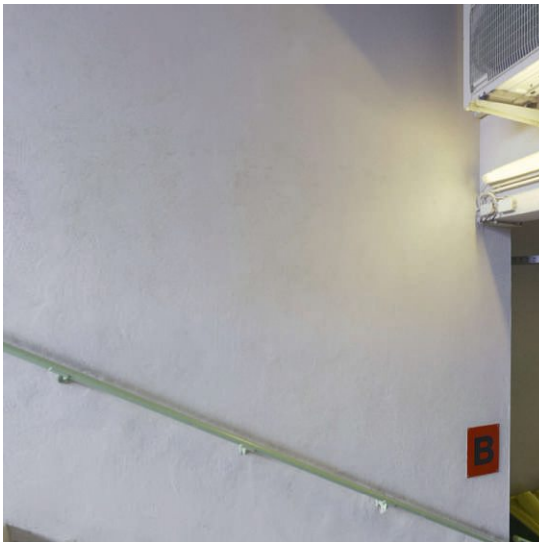
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -194673.00566

Y = -24550.84689

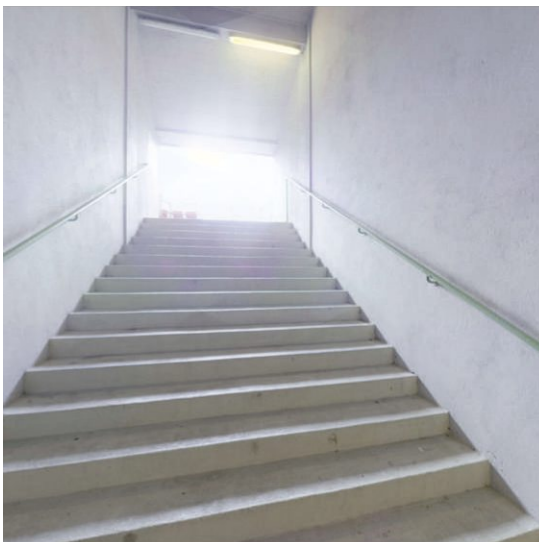
Z = 3996.85486



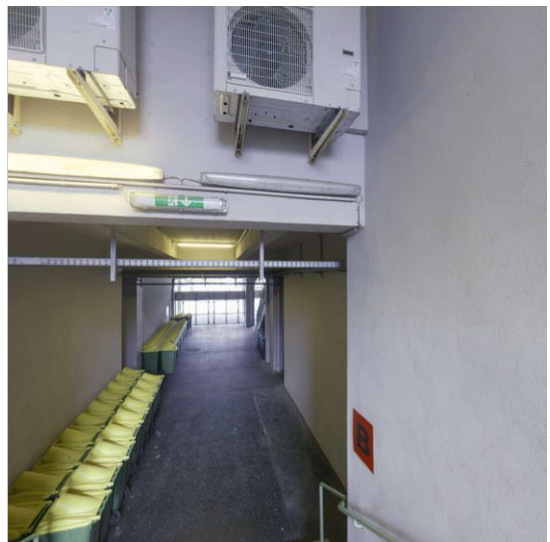
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_233_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_233_1.jpeg



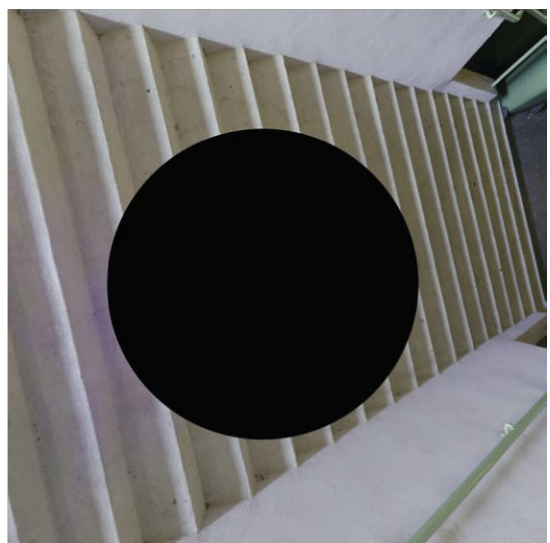
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_233_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_233_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_233_4.jpeg

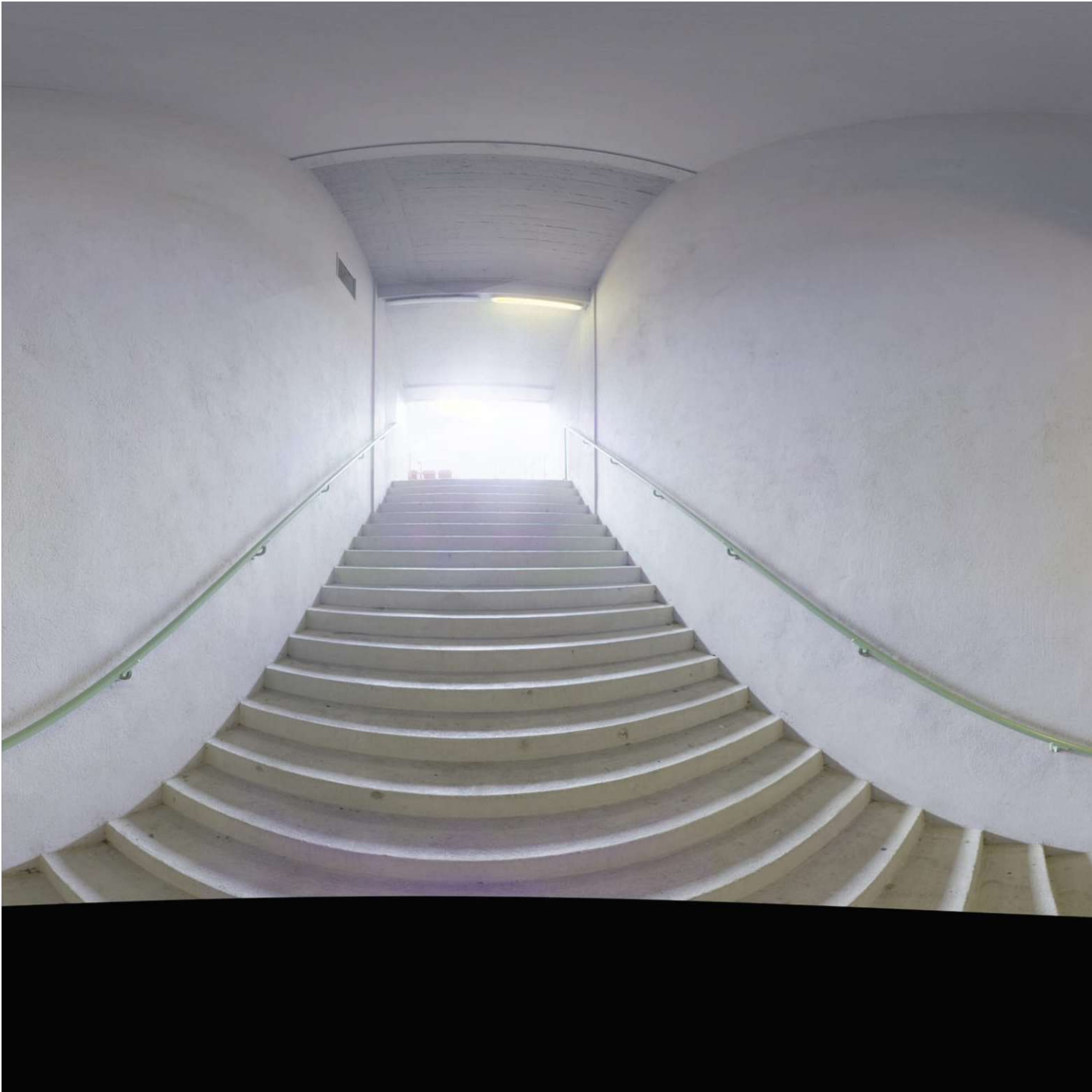


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_233_5.jpeg

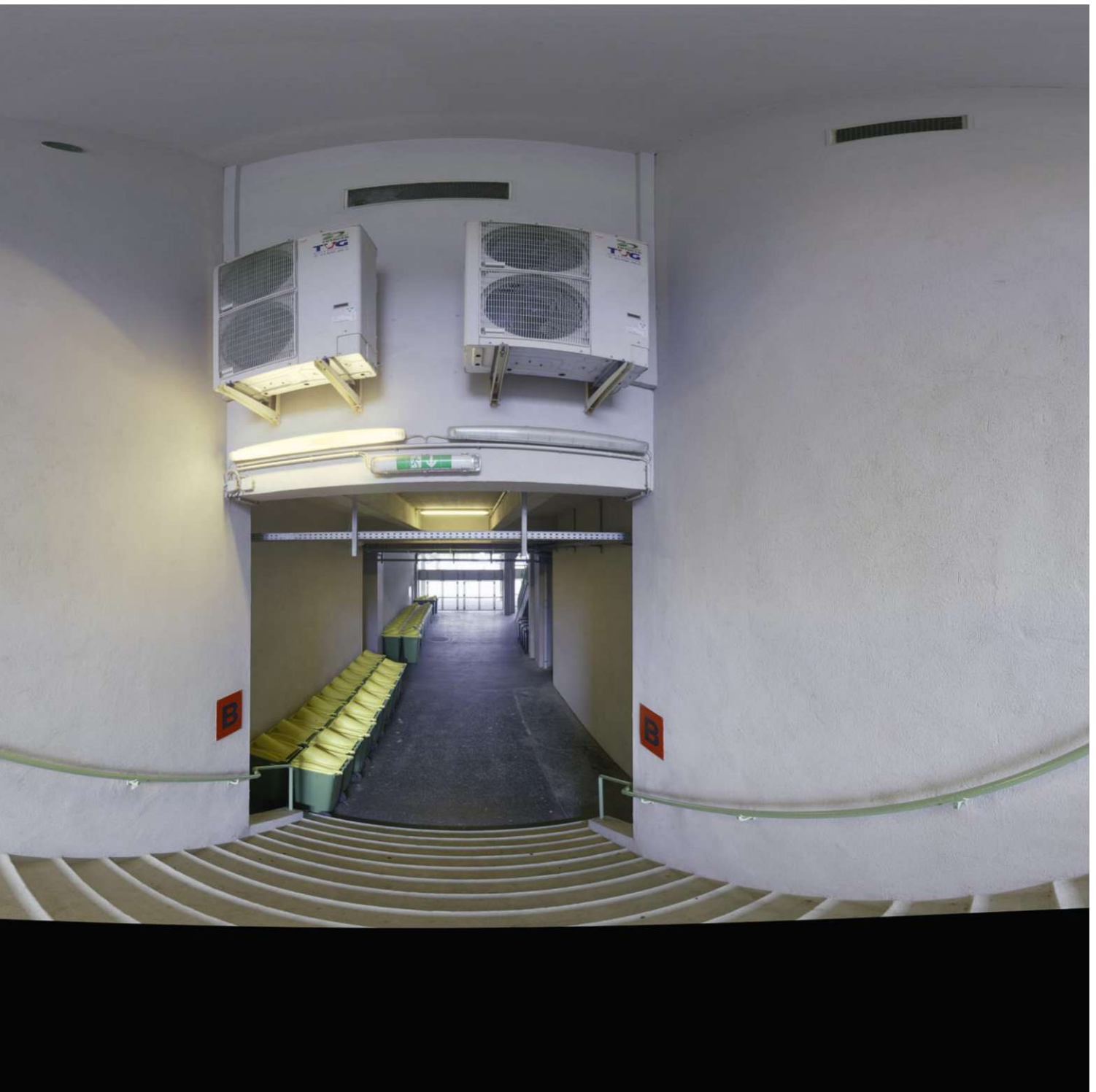
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_233.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -211120.55394$

$Y = -31036.94265$

$Z = 1856.50758$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_234_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_234_1.jpeg



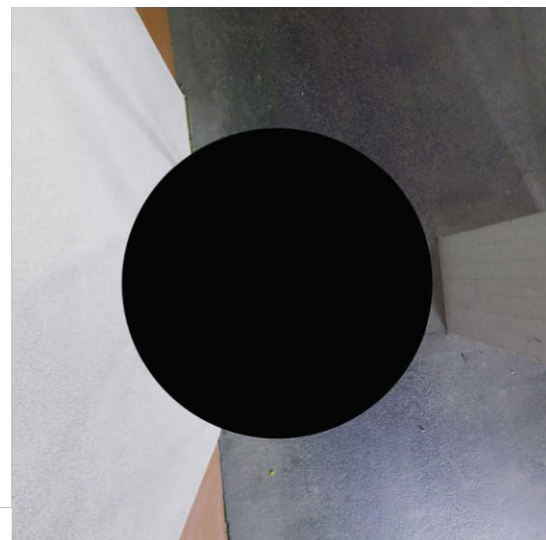
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_234_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_234_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_234_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_234_5.jpeg



**WIENER
SPORTSTÄTTEN**
ein unternehmen der **wienholding**

driendl architects

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_234.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

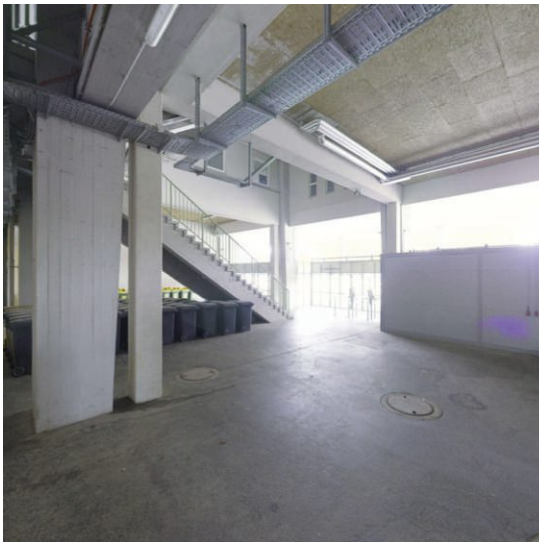
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -210331.59534$

$Y = -32416.66367$

$Z = 1835.83096$



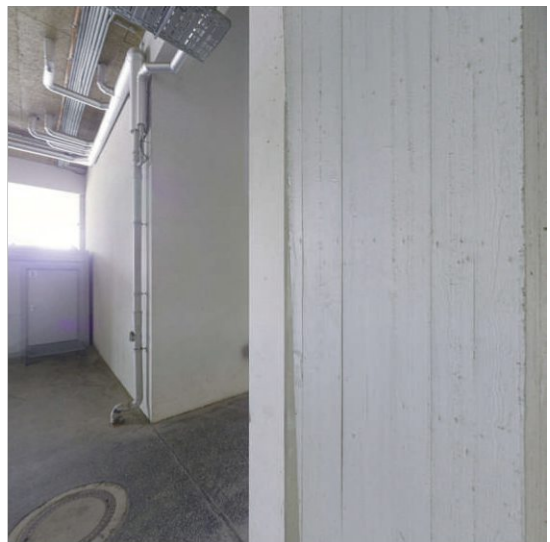
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_235_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_235_1.jpeg



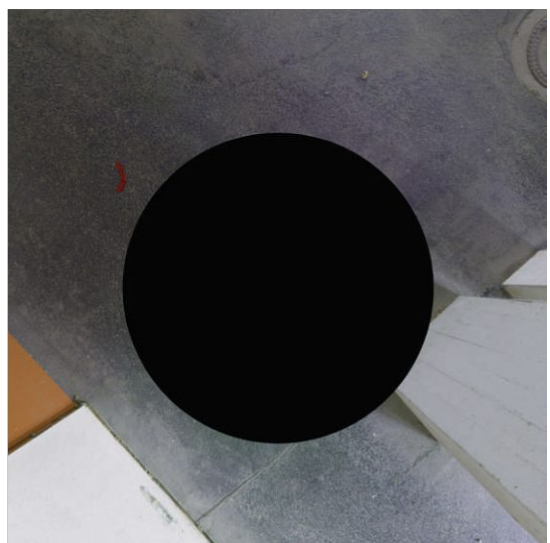
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_235_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_235_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_235_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_235_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_235.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -219114.54083$

$Y = -32817.50156$

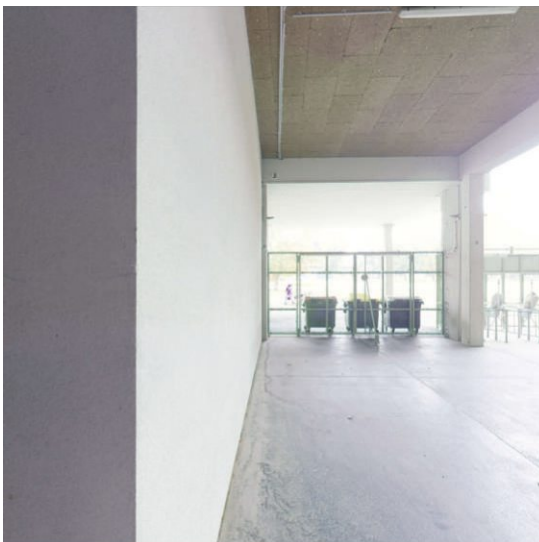
$Z = 1780.30849$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_236_0.jpeg



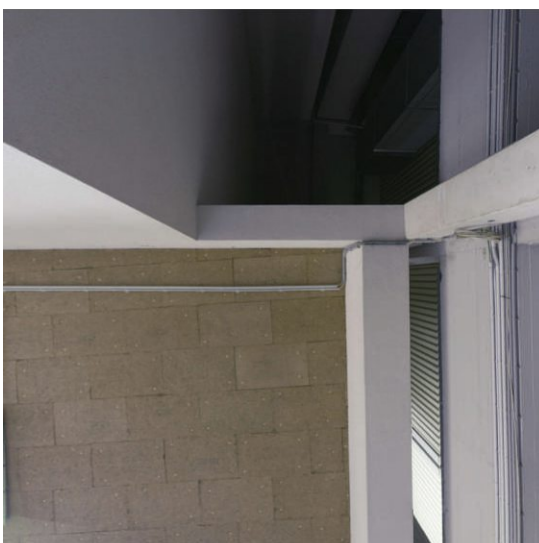
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_236_1.jpeg



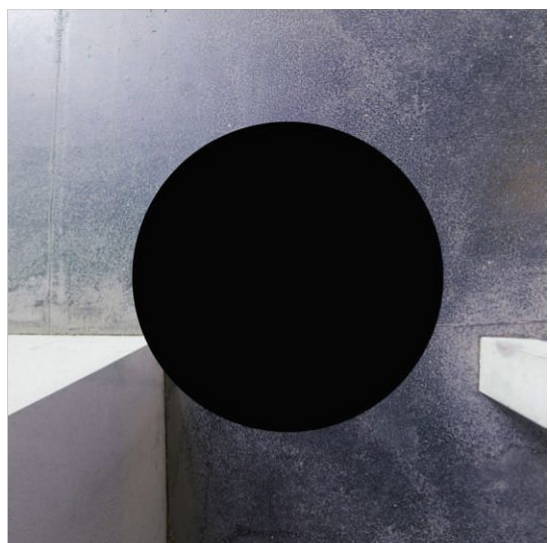
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_236_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_236_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_236_4.jpeg

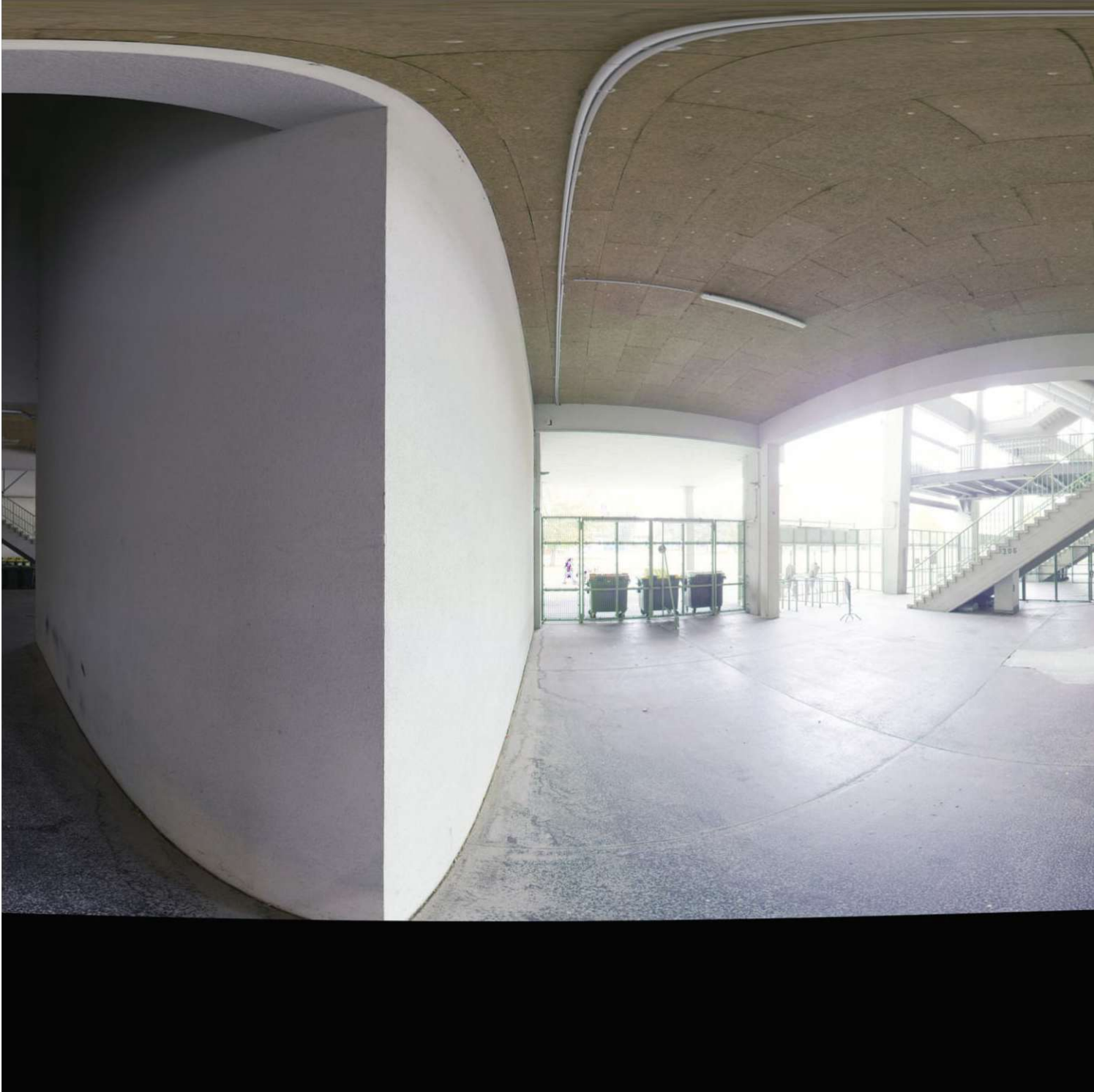


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_236_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_236.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

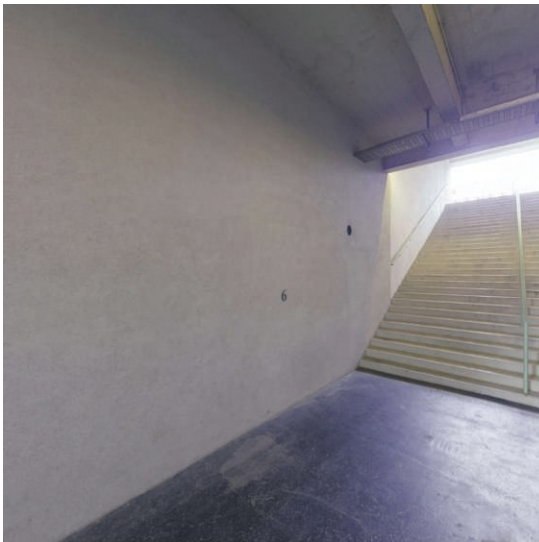
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -219780.46074

Y = -26965.7212

Z = 1868.36254



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_237_0.jpeg



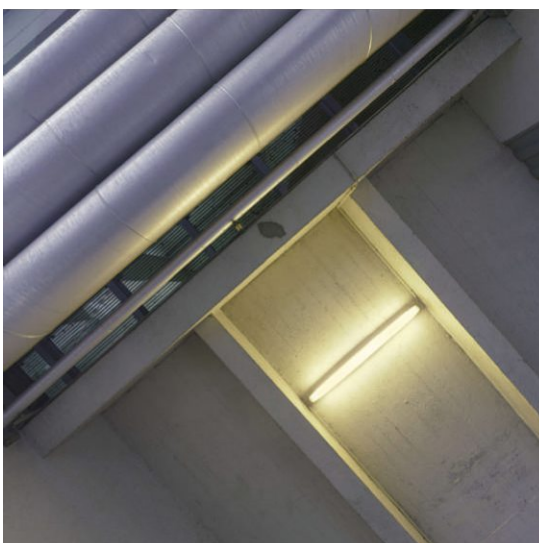
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_237_1.jpeg



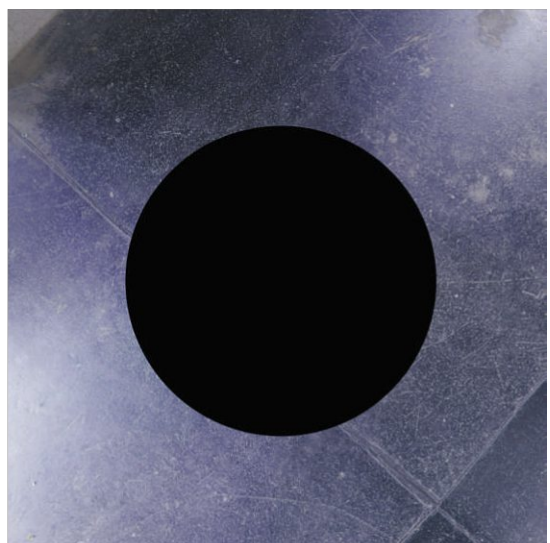
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_237_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_237_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_237_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_237_5.jpeg

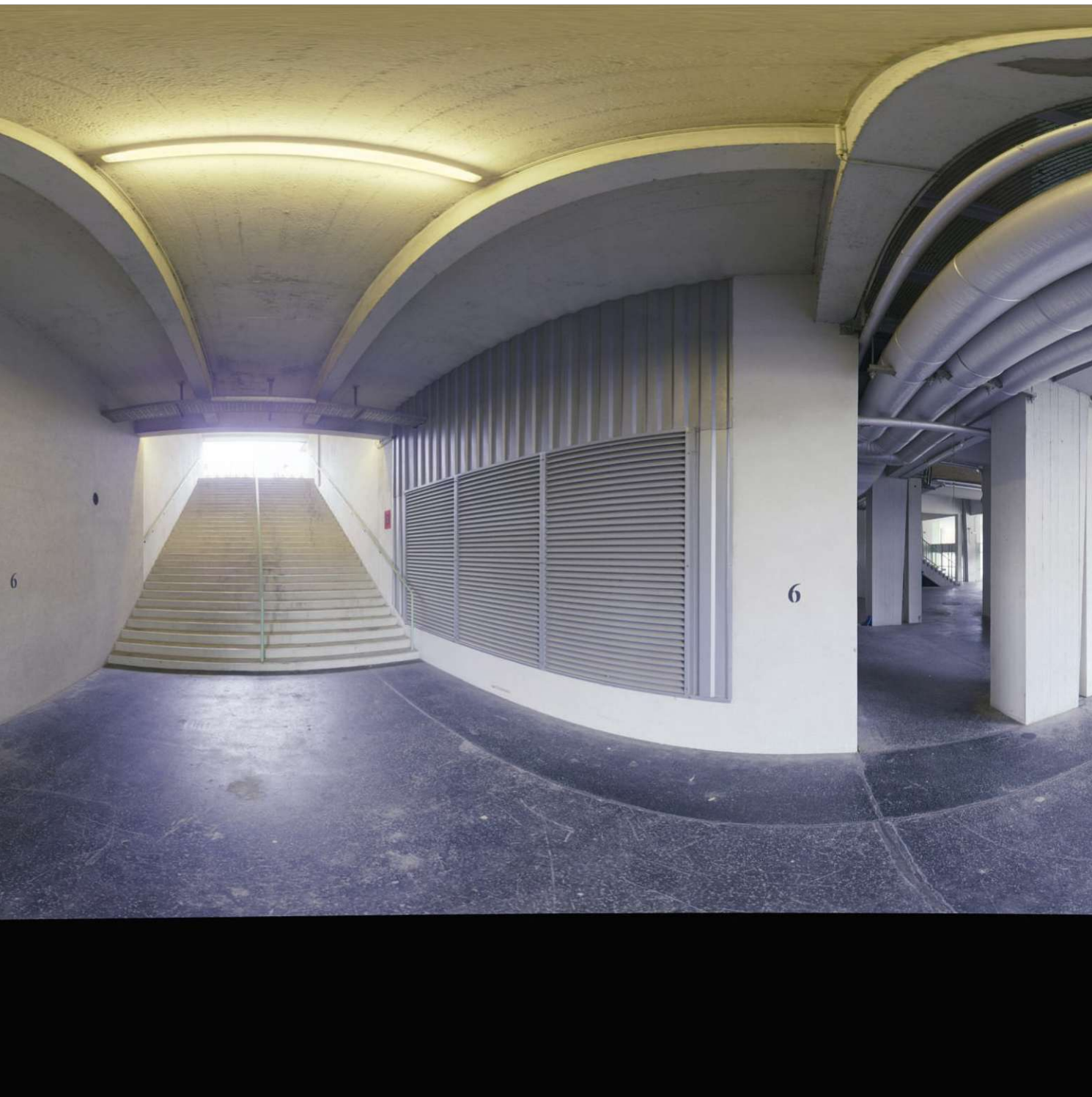
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_237.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

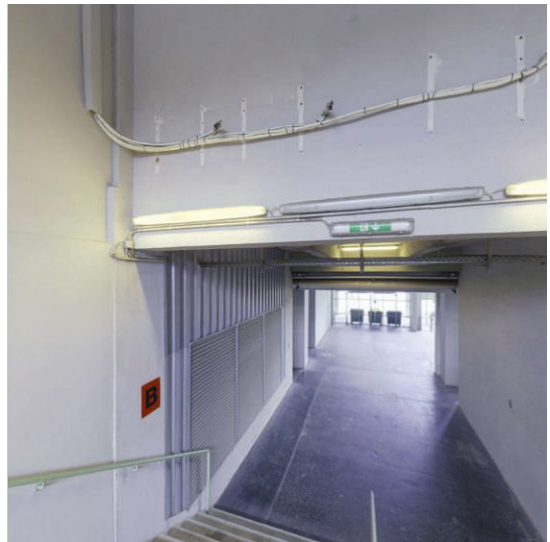
X = -216182.16319

Y = -18113.3052

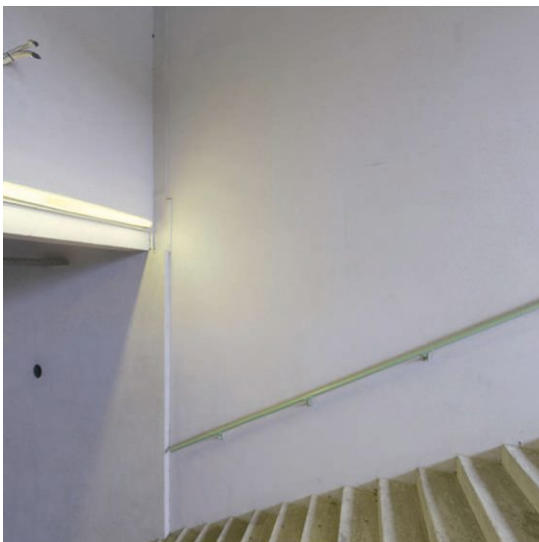
Z = 4131.34085



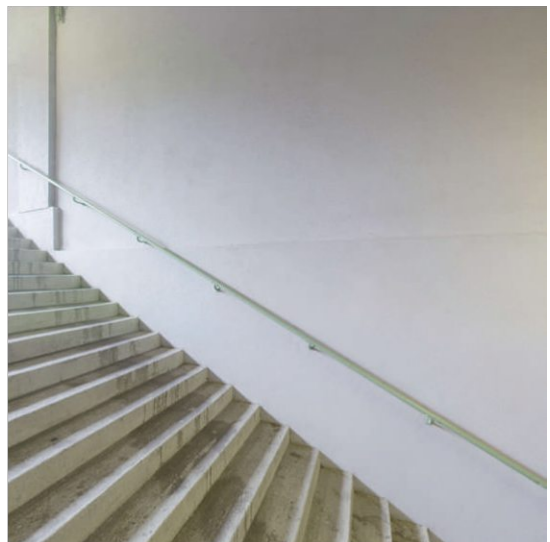
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_238_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_238_1.jpeg



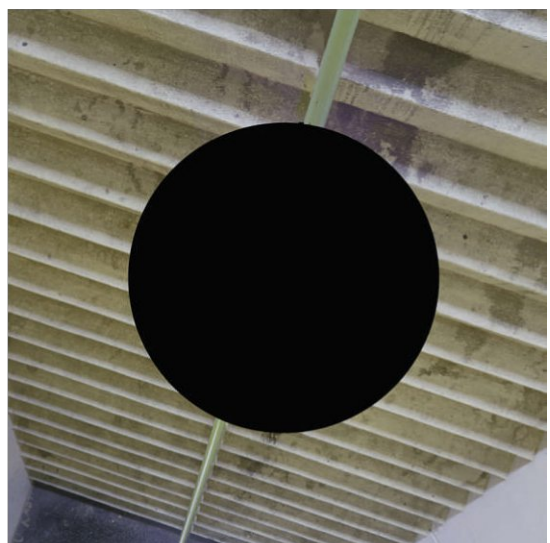
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_238_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_238_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_238_4.jpeg

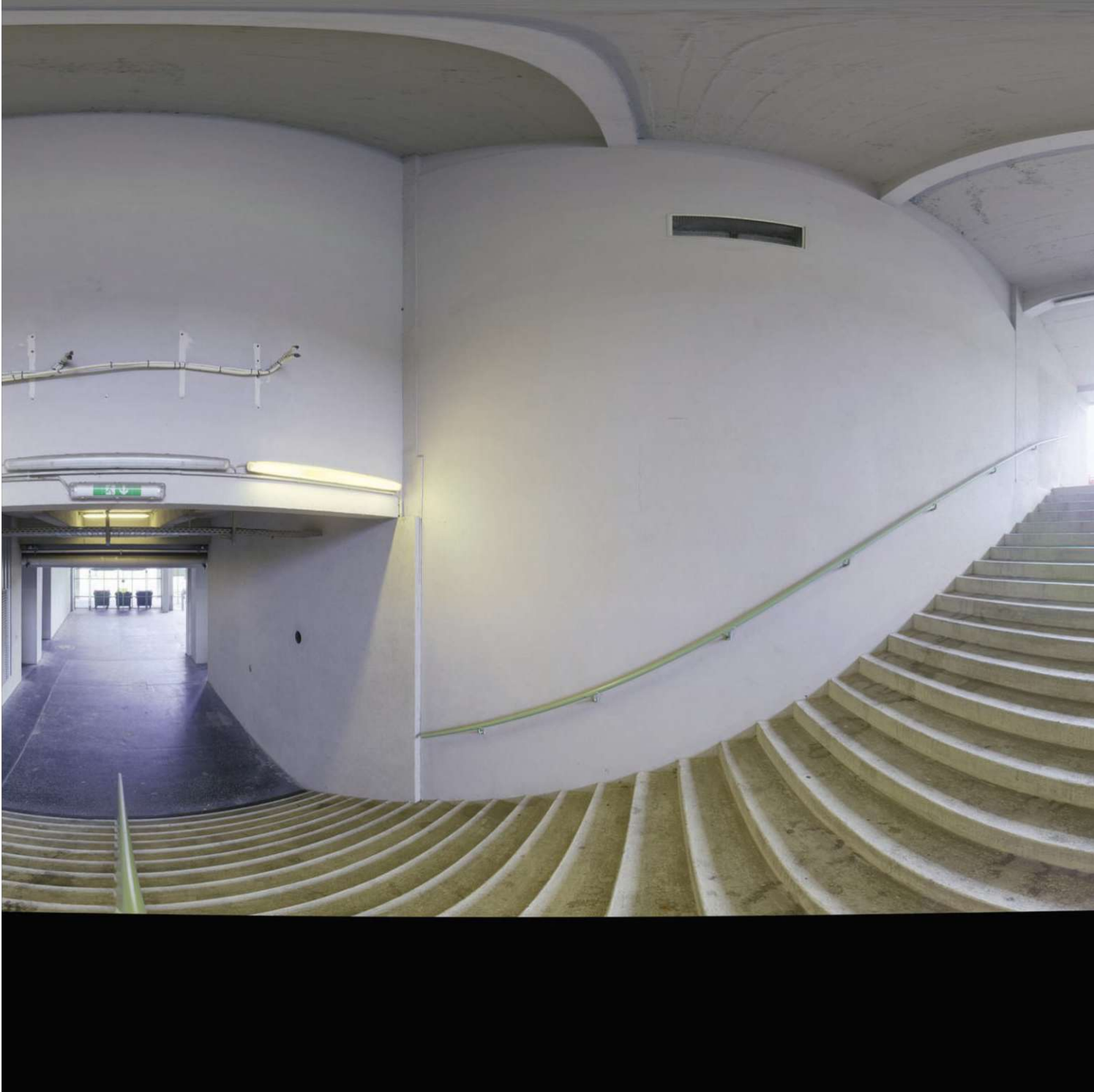


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_238_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_238.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -226157.36621

Y = -33620.39715

Z = 1788.57048



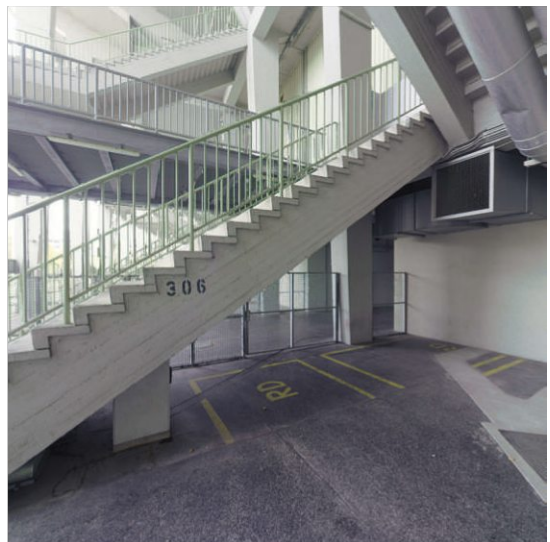
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_239_0.jpeg



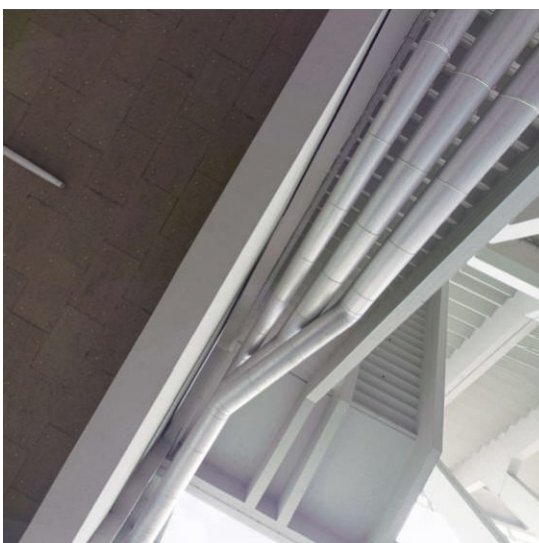
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_239_1.jpeg



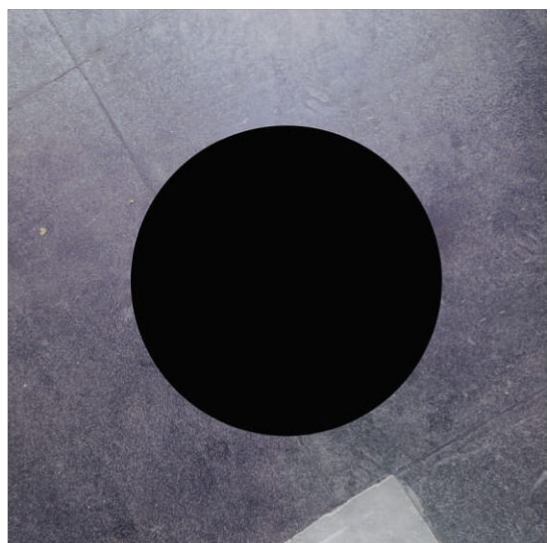
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_239_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_239_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_239_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_239_5.jpeg

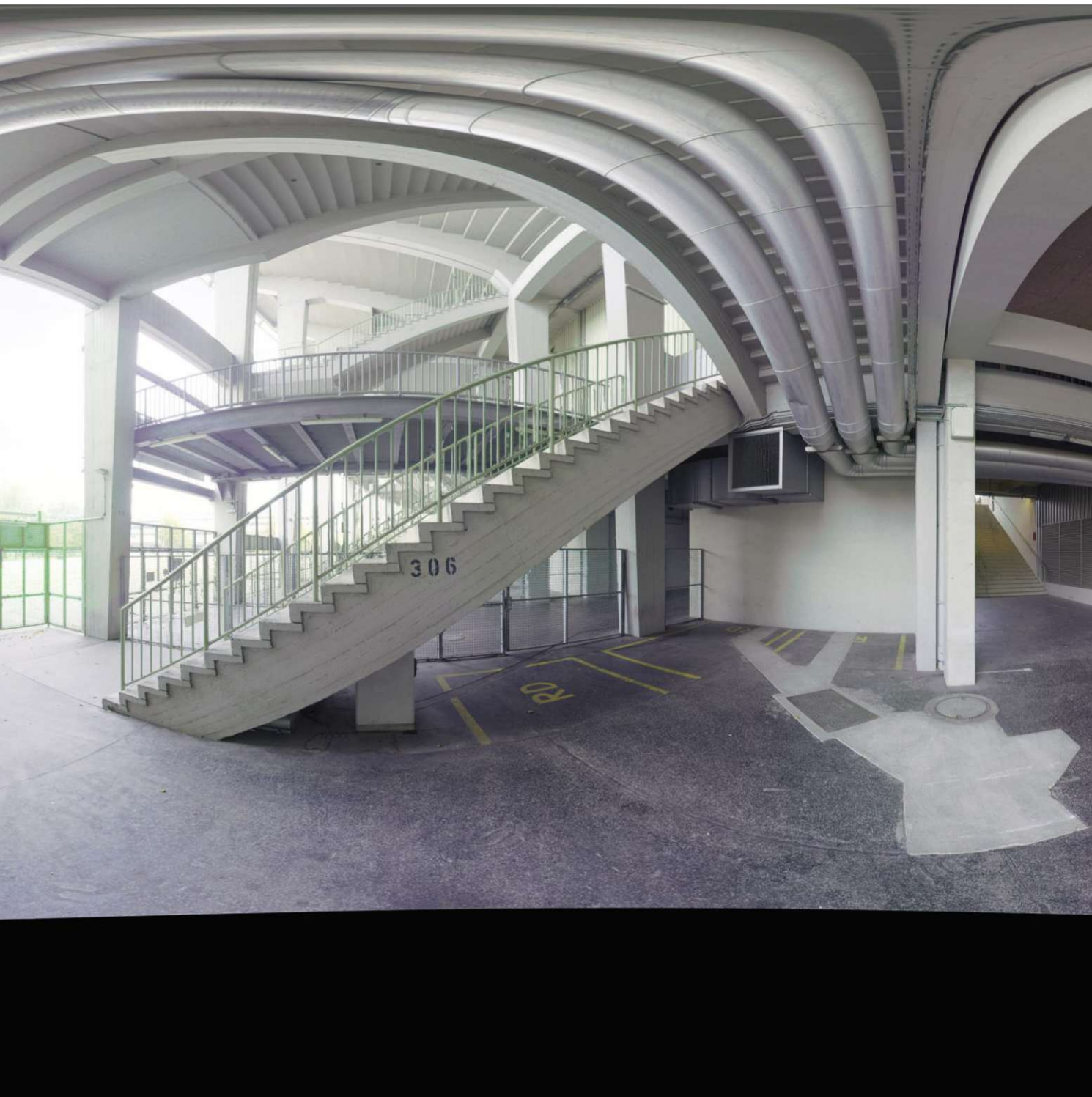
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_239.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -231877.39513$

$Y = -35665.4714$

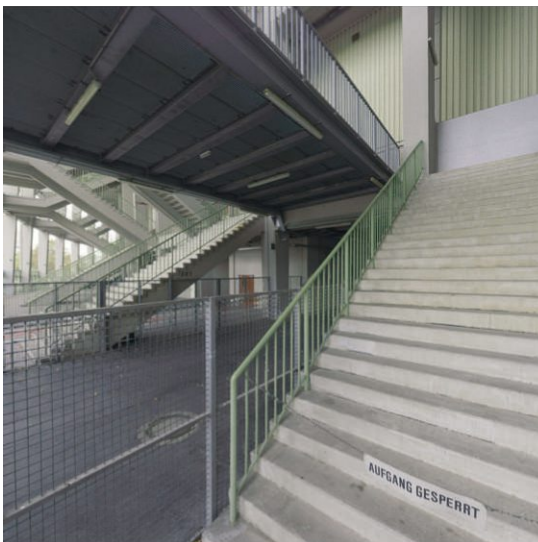
$Z = 1930.42547$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_240_0.jpeg



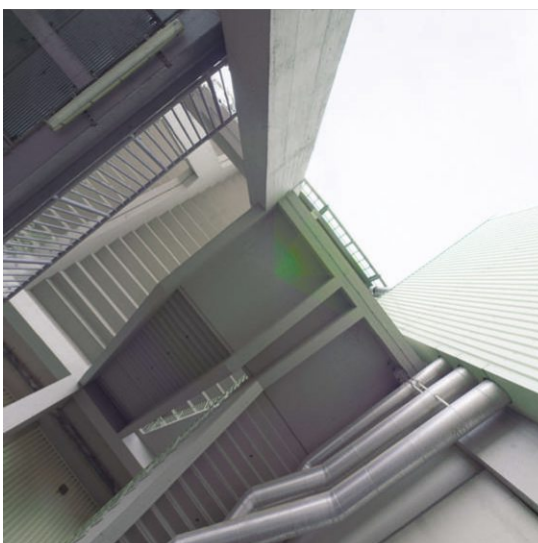
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_240_1.jpeg



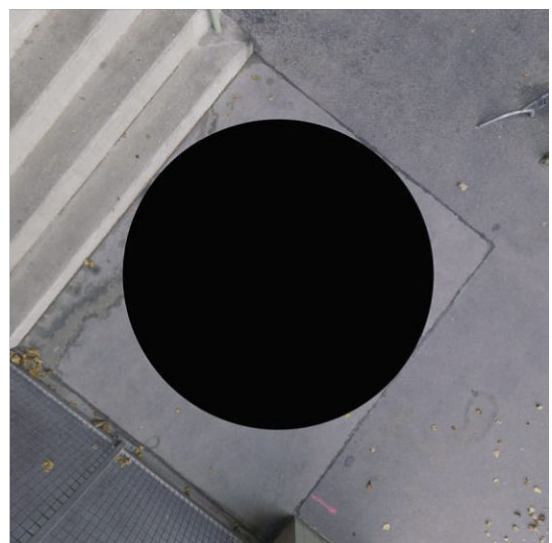
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_240_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_240_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_240_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_240_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_240.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -228519.64958$

$Y = -28126.20654$

$Z = 1832.5378$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_241_0.jpeg



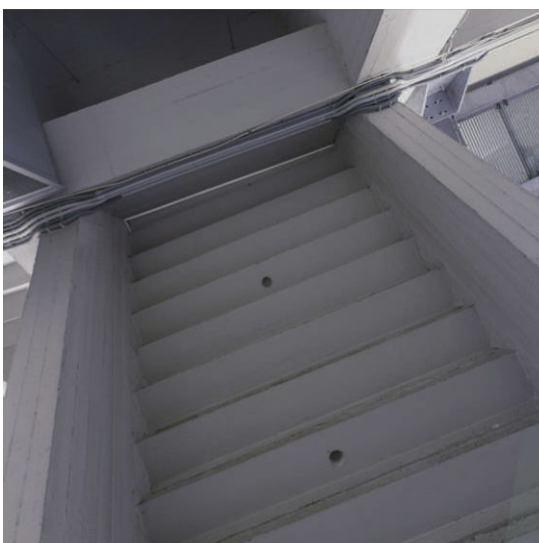
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_241_1.jpeg



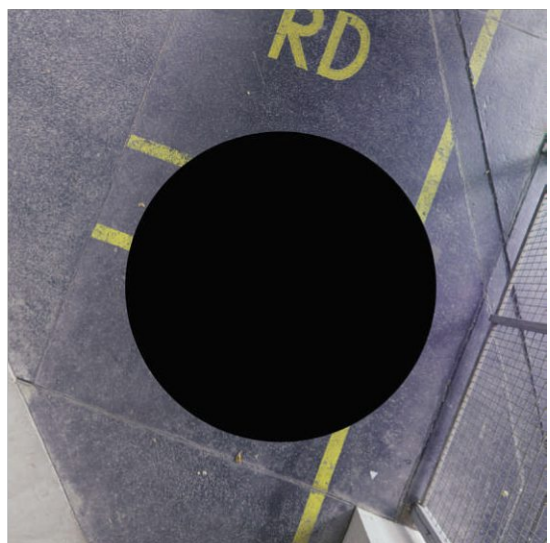
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_241_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_241_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_241_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_241_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_241.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -232658.23814

Y = -26888.47034

Z = 1932.06603



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_242_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_242_1.jpeg



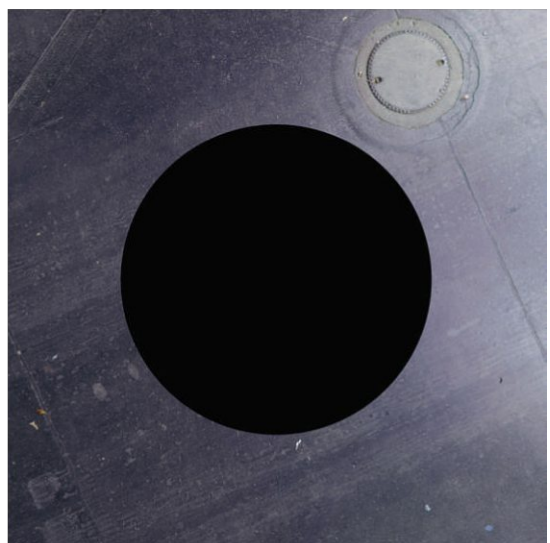
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_242_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_242_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_242_4.jpeg

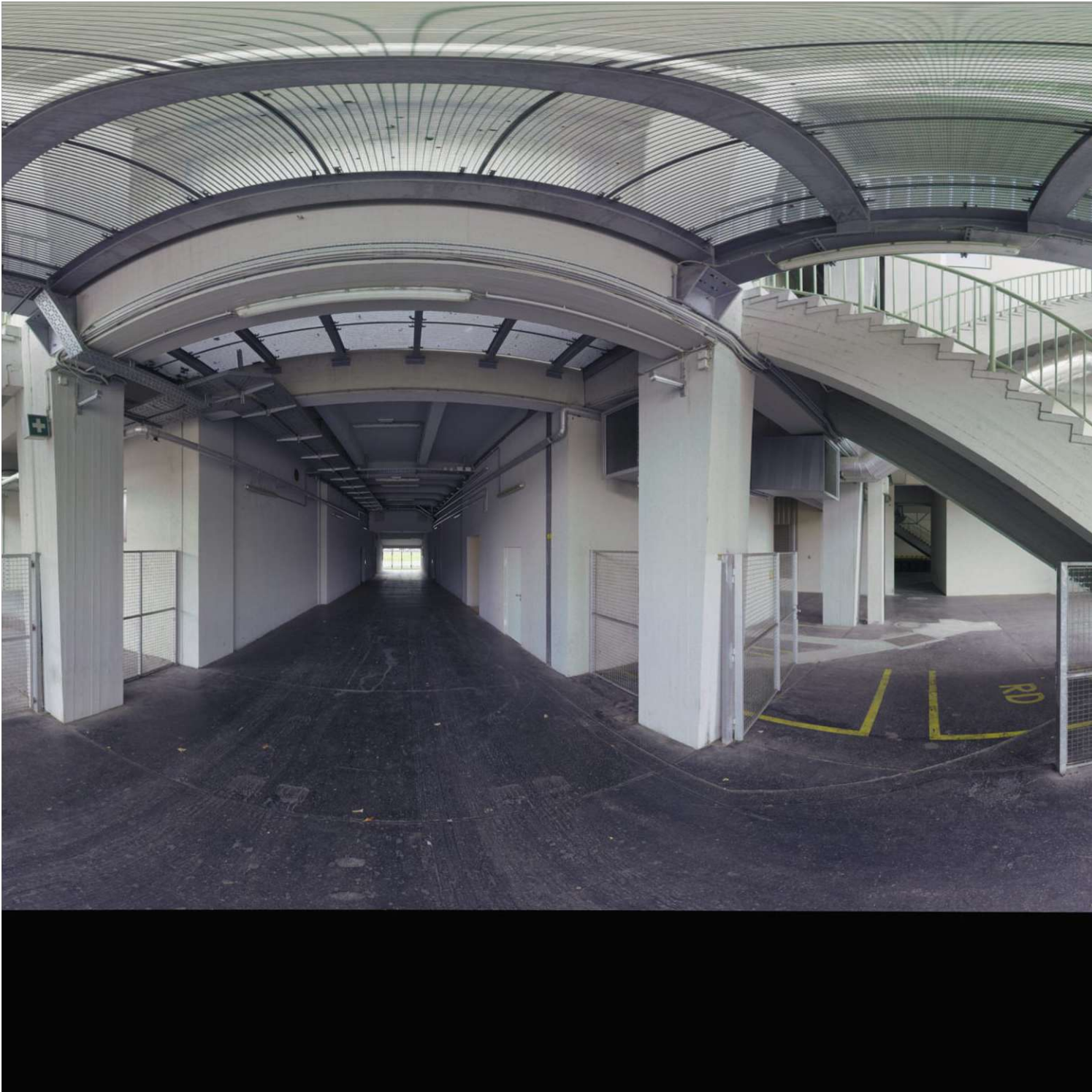


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_242_5.jpeg

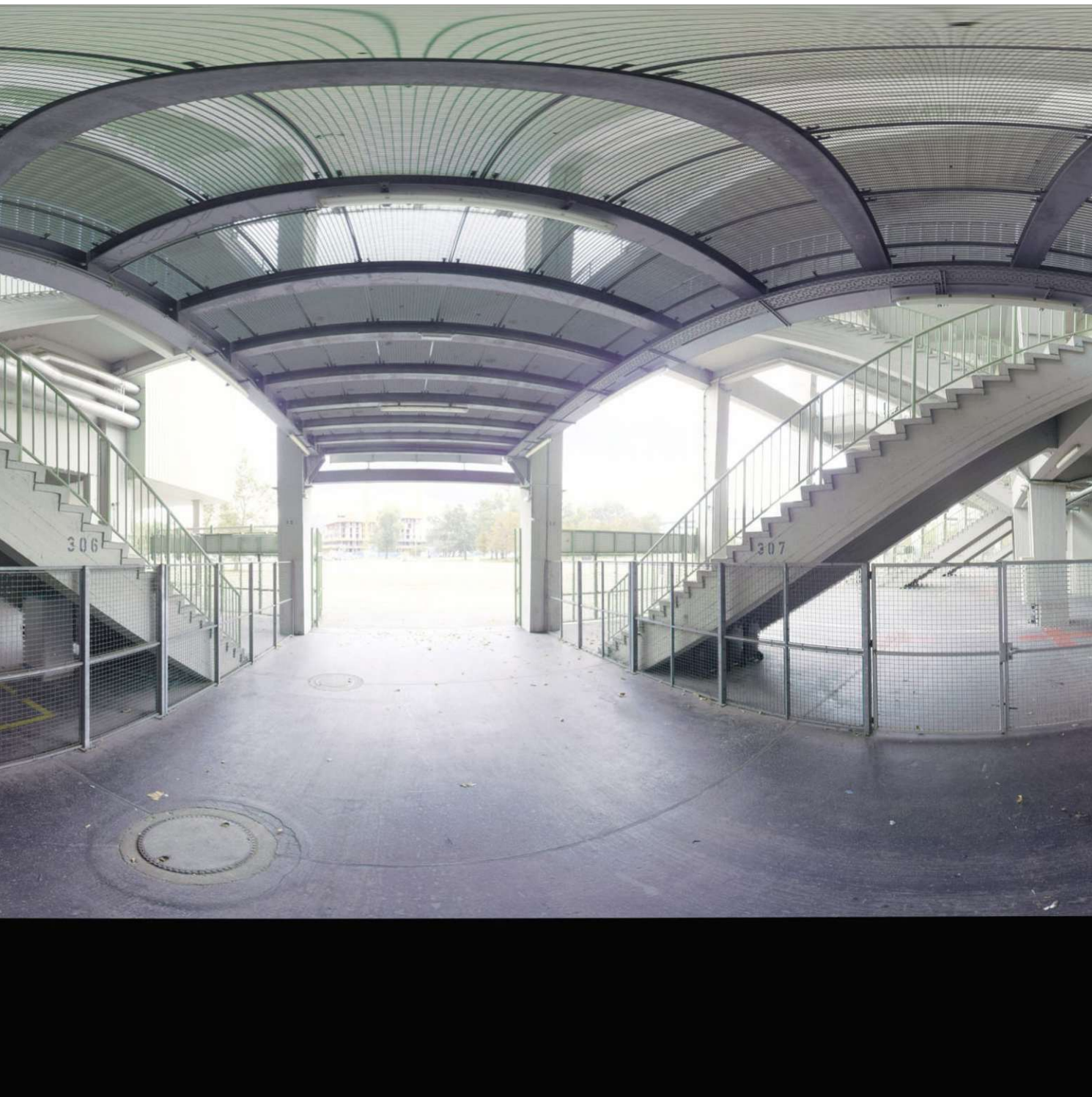
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_242.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -235318.30481

Y = -32594.34007

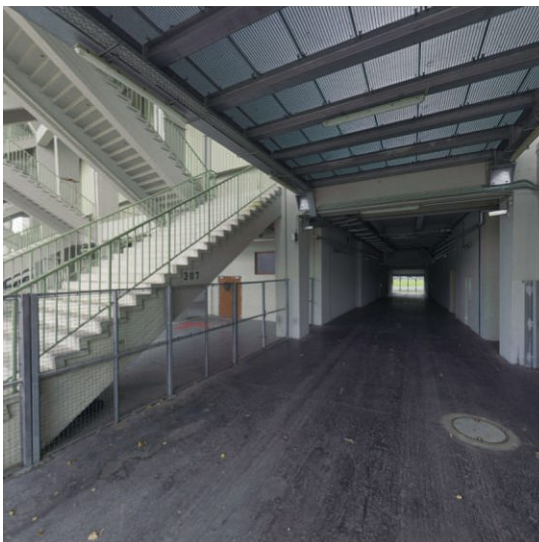
Z = 1992.90749



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_243_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_243_1.jpeg



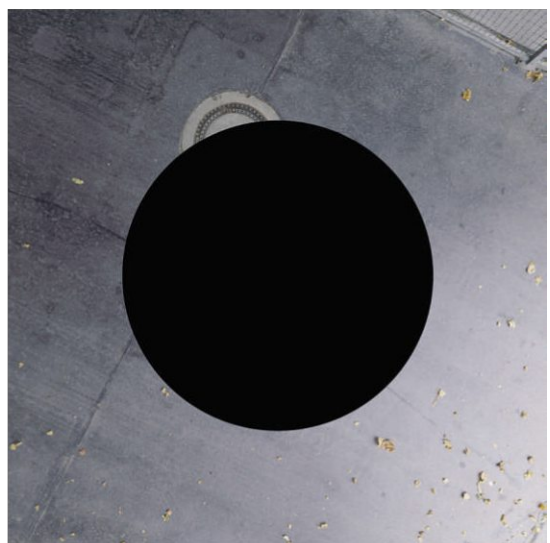
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_243_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_243_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_243_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_243_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_243.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -237591.75247

Y = -36787.28526

Z = 1906.05112



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_244_0.jpeg



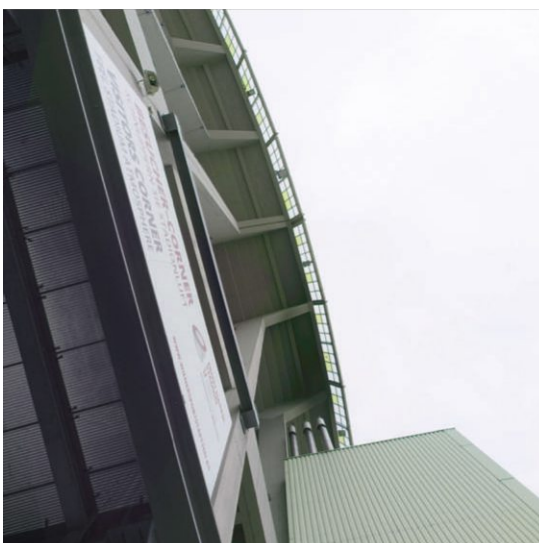
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_244_1.jpeg



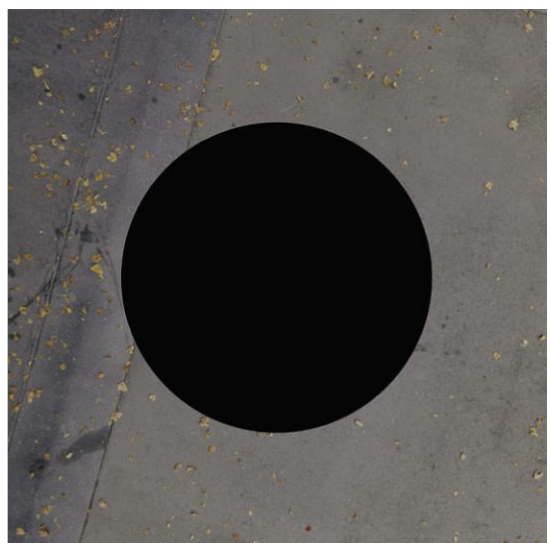
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_244_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_244_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_244_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_244_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_244.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

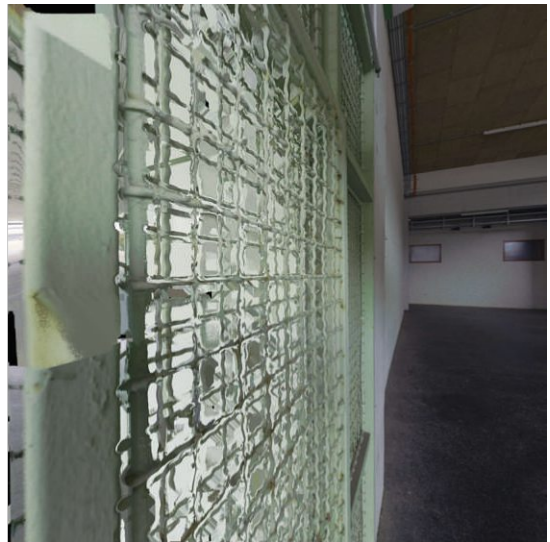
$X = -189007.34618$

$Y = -51529.84315$

$Z = 1490.85301$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_245_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_245_1.jpeg



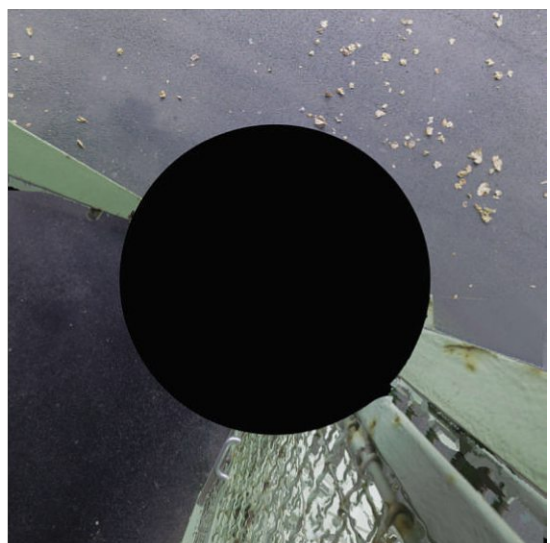
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_245_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_245_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_245_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_245_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_245.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -230956.79073

Y = -23396.55943

Z = 1934.31883



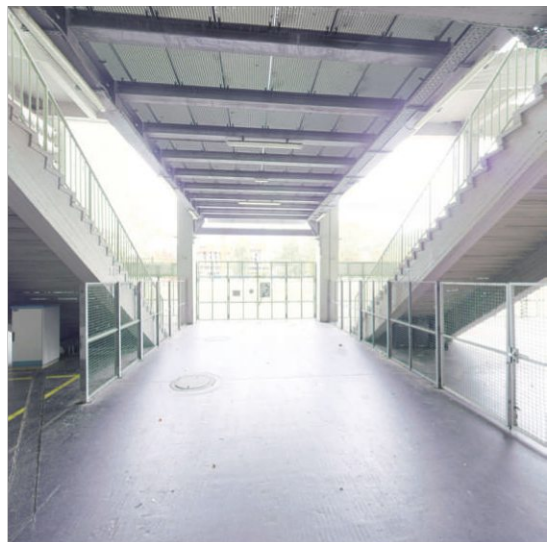
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_246_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_246_1.jpeg



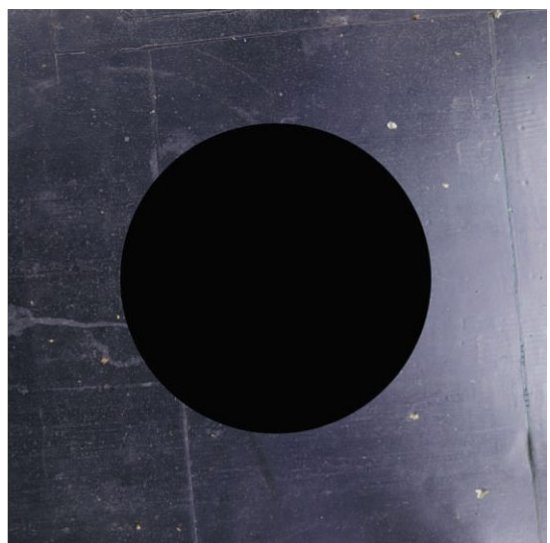
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_246_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_246_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_246_4.jpeg

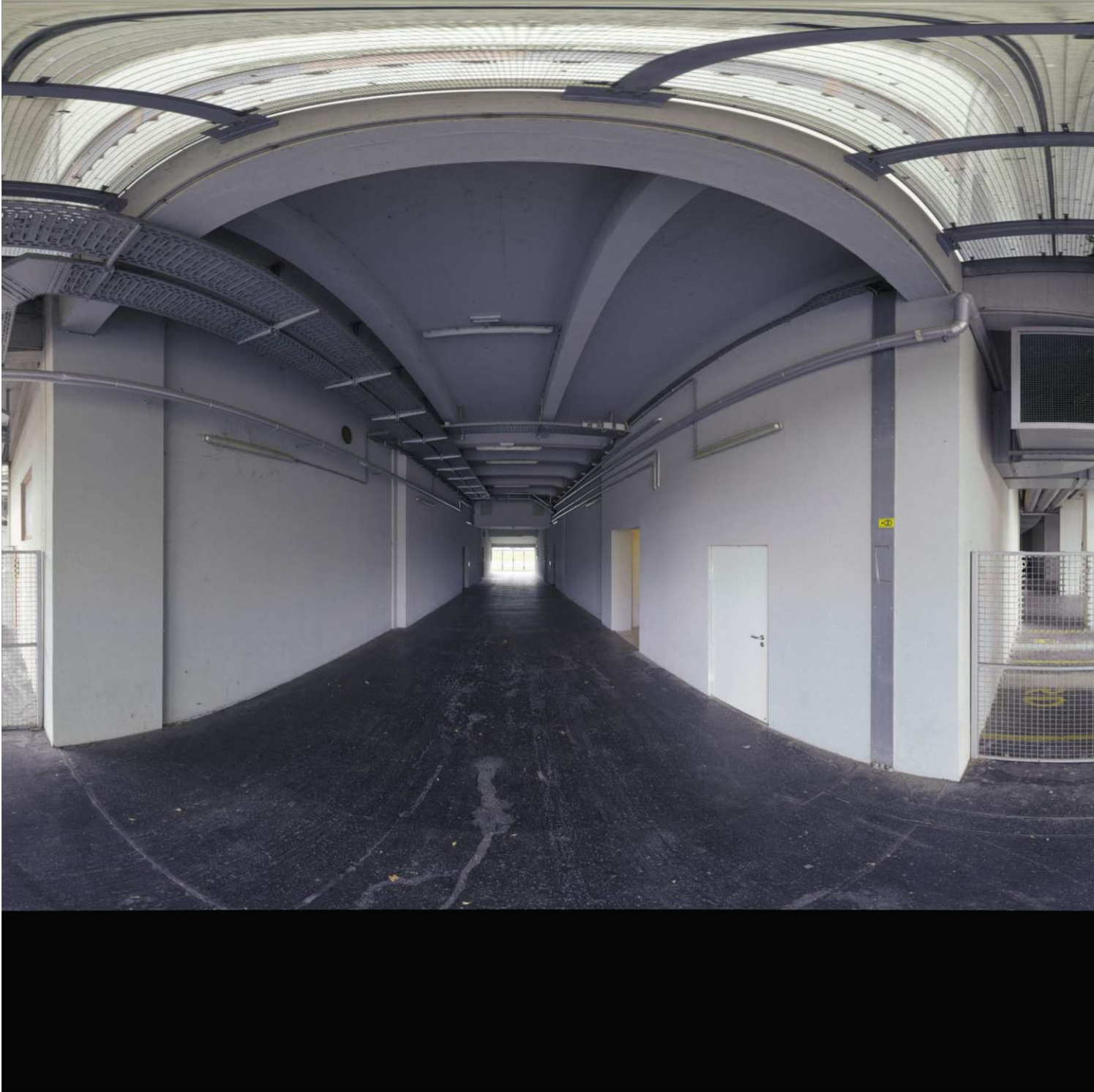


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_246_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_246.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -229030.51799

Y = -16646.78349

Z = 1980.97789



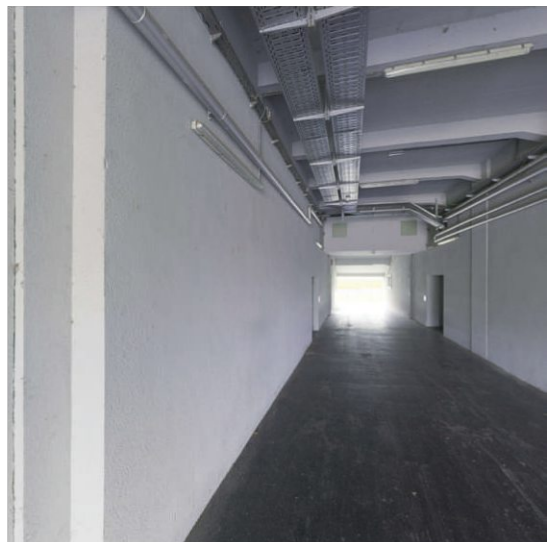
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_247_0.jpeg



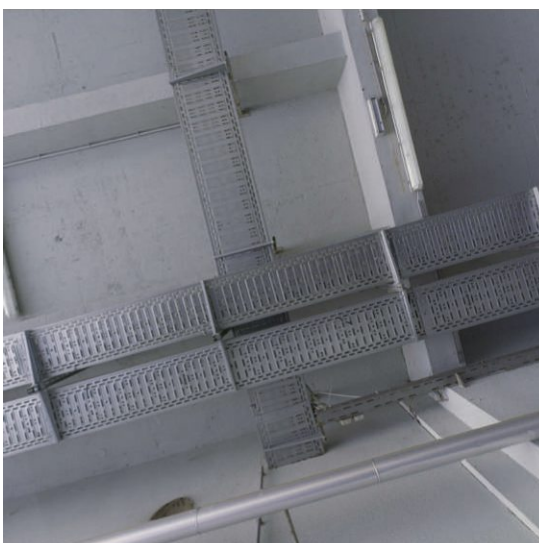
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_247_1.jpeg



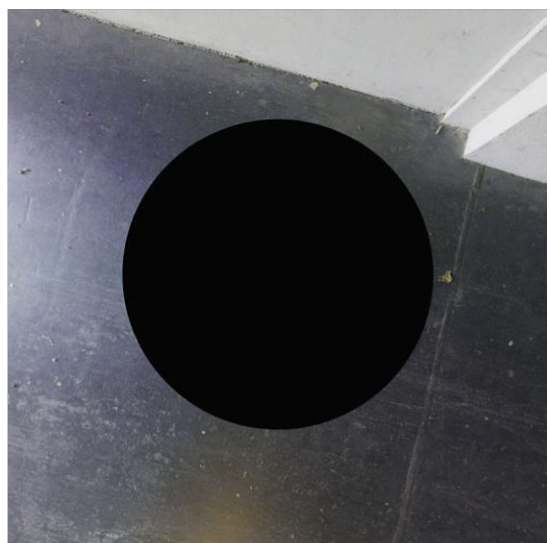
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_247_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_247_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_247_4.jpeg

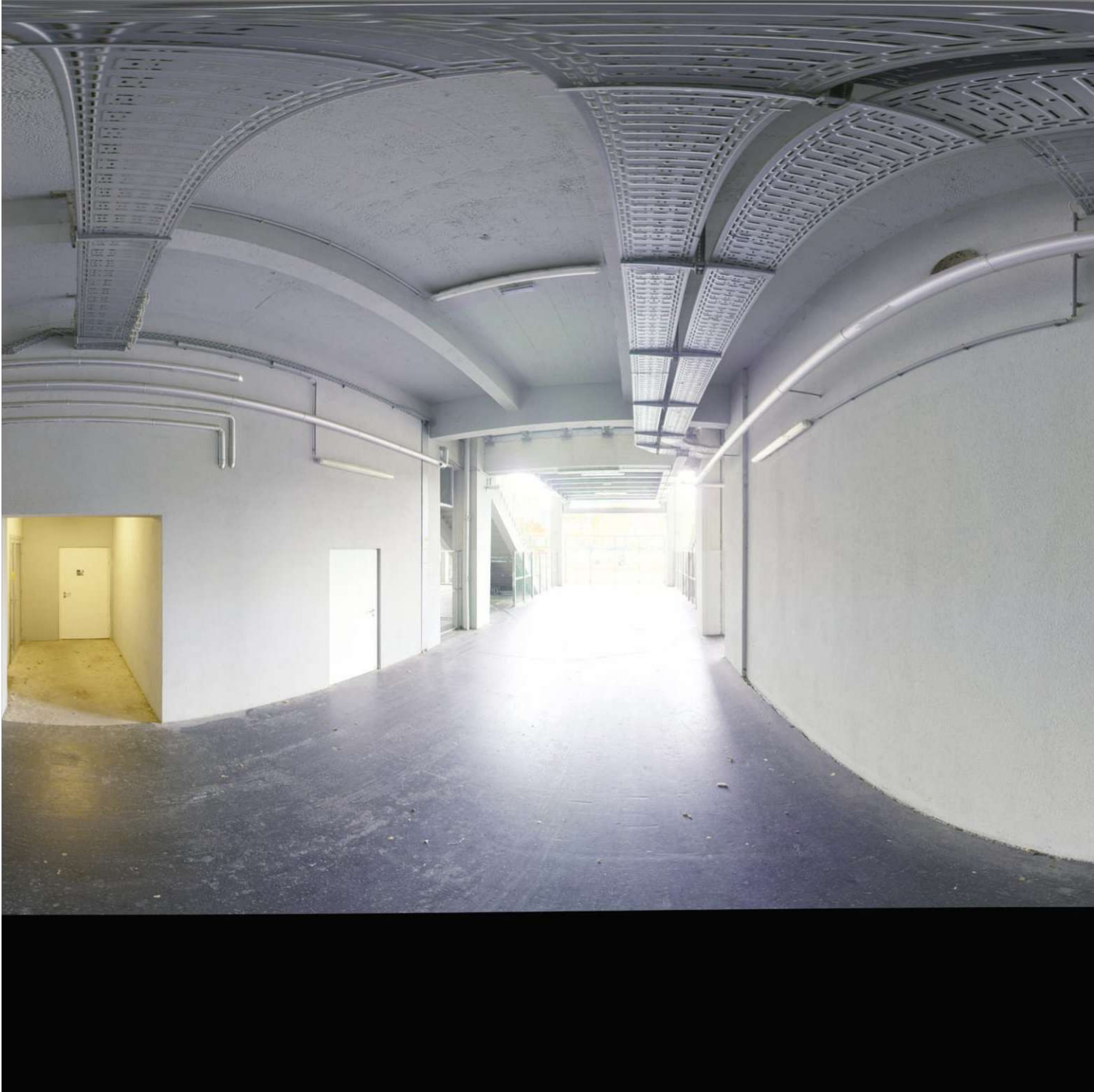


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_247_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_247.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -223912.75567

Y = -8446.72049

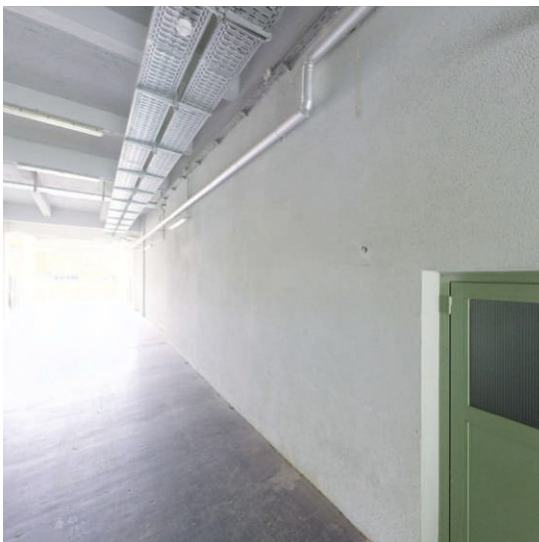
Z = 1905.75554



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_248_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_248_1.jpeg



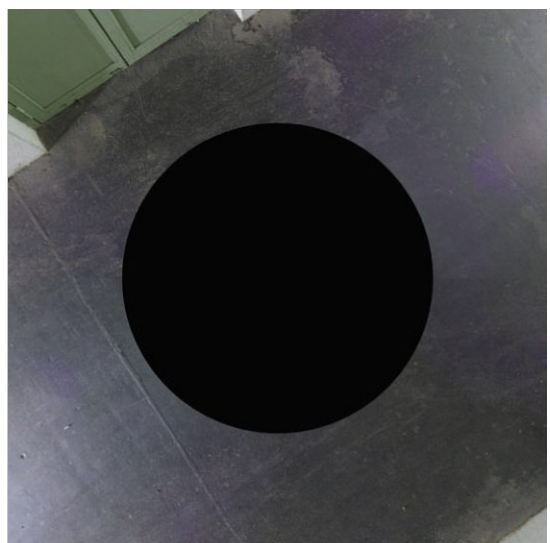
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_248_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_248_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_248_4.jpeg

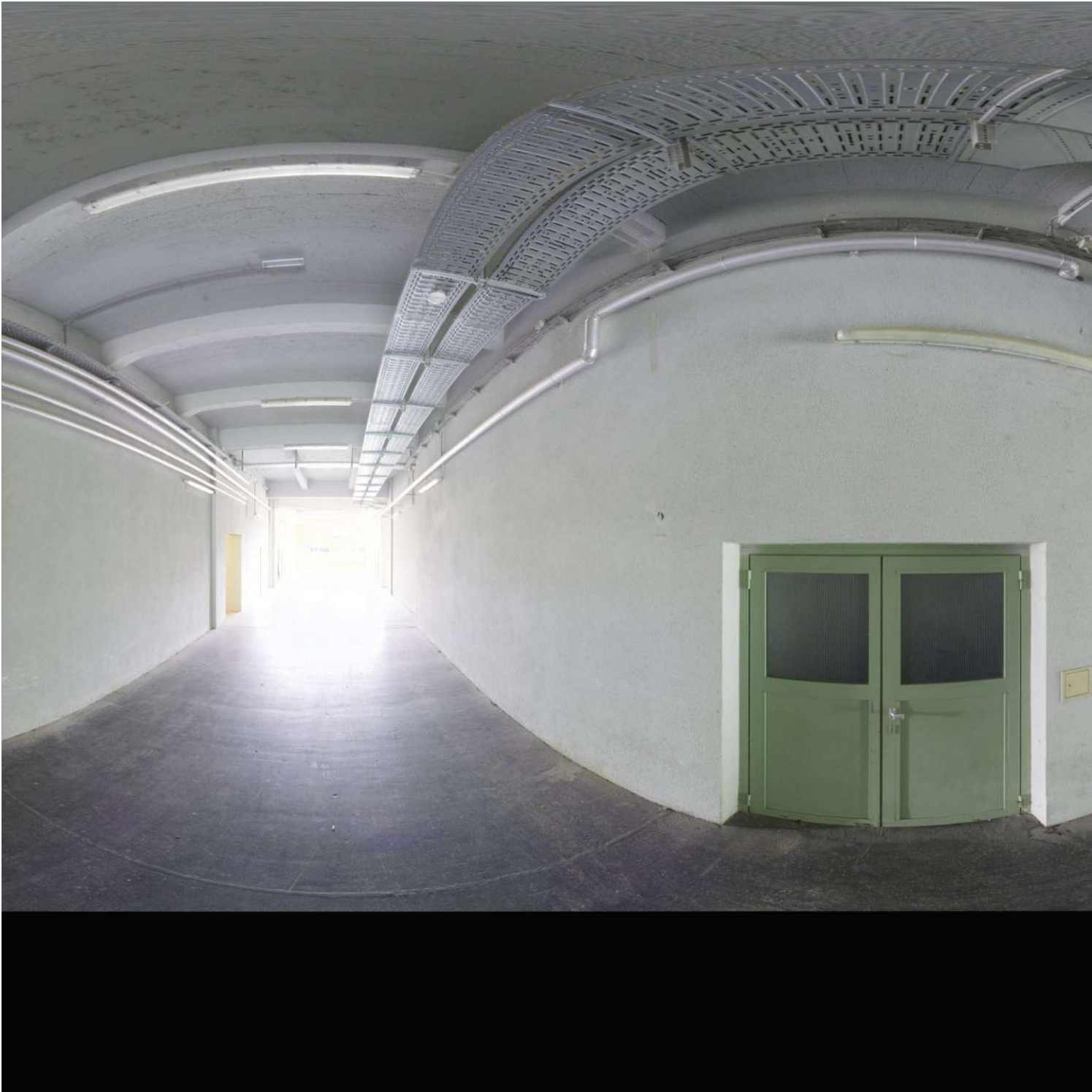


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_248_5.jpeg

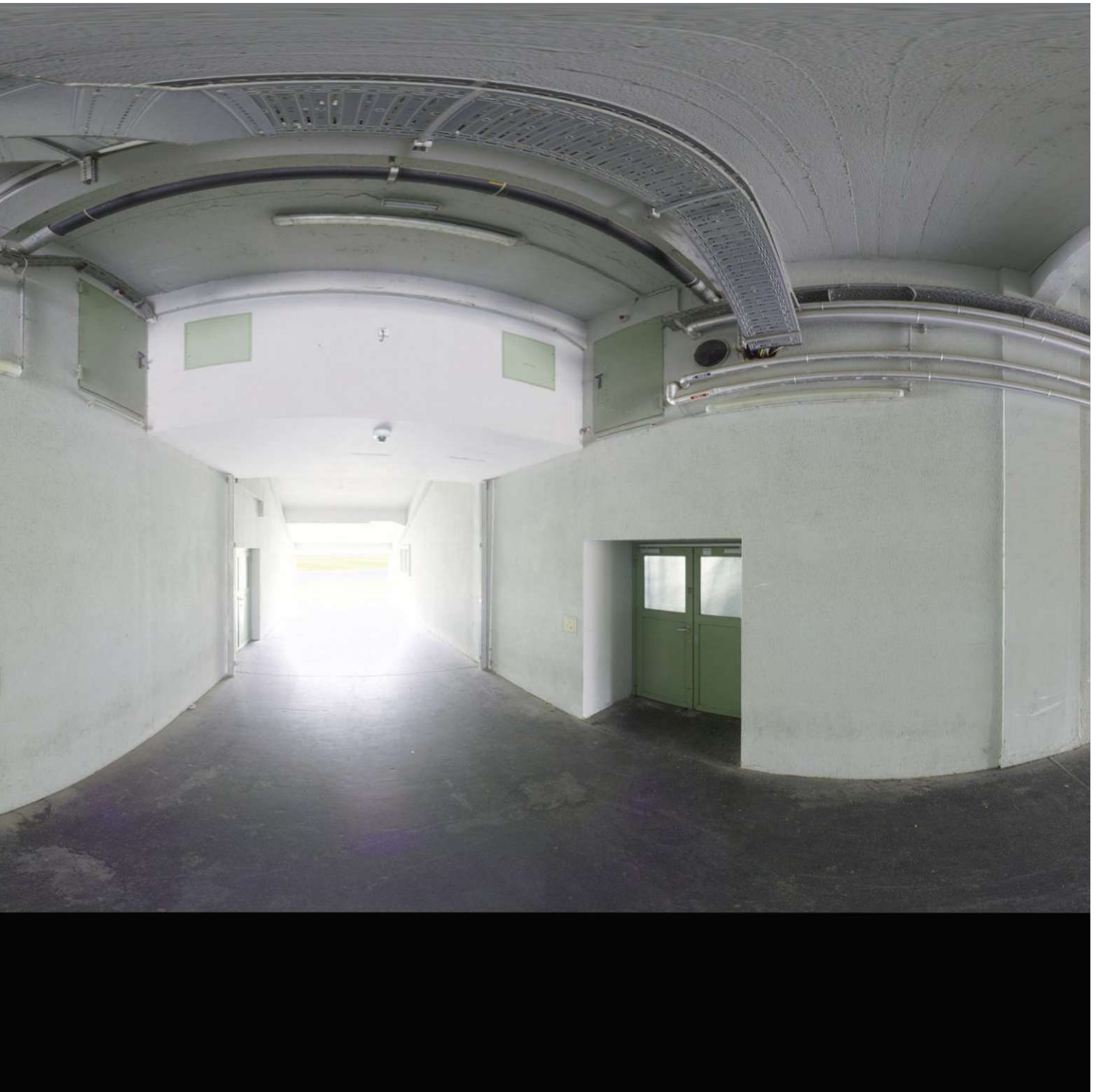
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_248.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

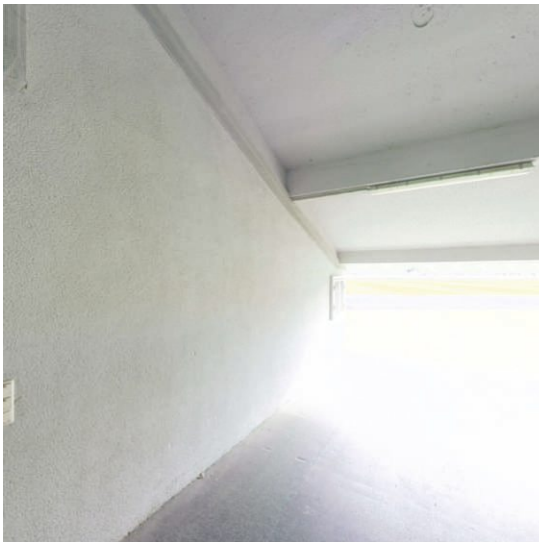
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

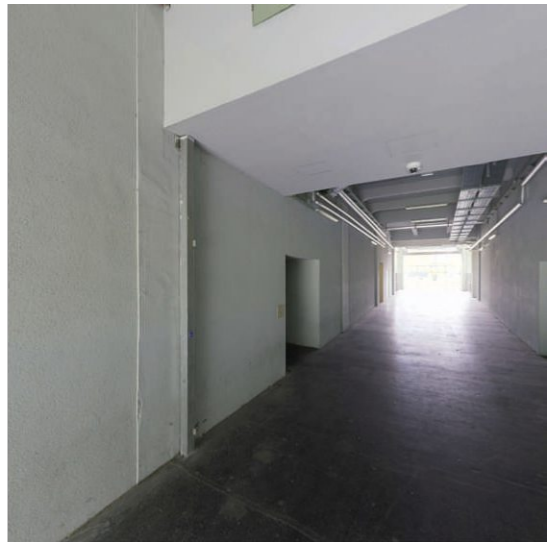
X = -220353.0433

Y = -2148.93508

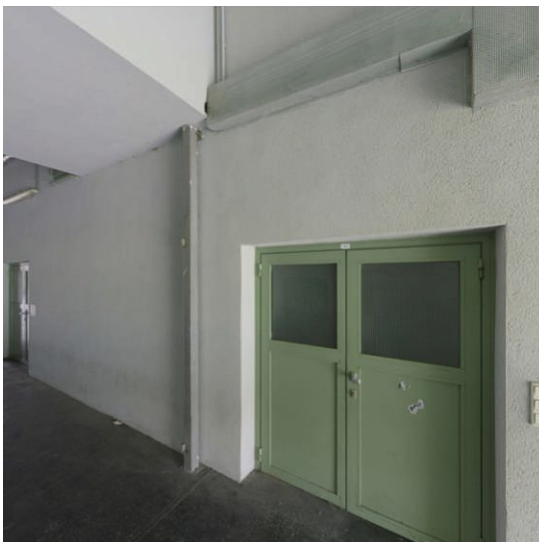
Z = 1661.25165



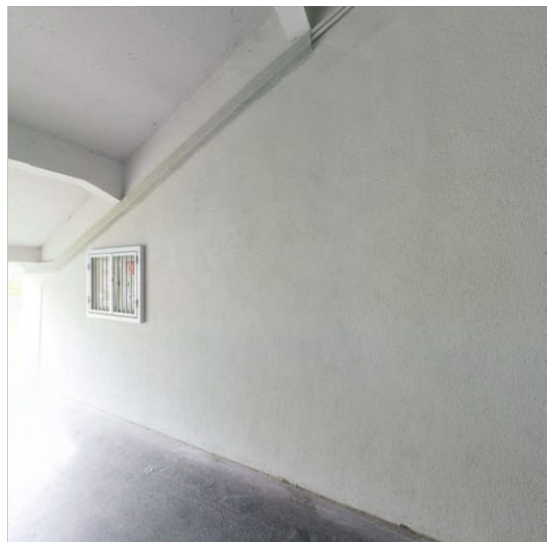
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_249_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_249_1.jpeg



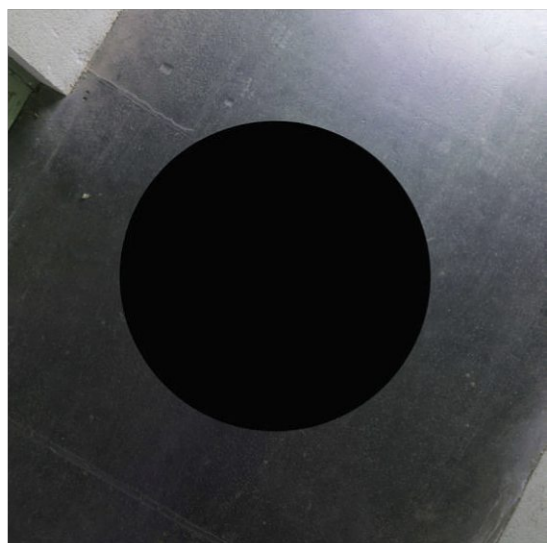
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_249_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_249_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_249_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_249_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_249.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -217452.83097

Y = 3848.5122

Z = 980.1298



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_250_0.jpeg



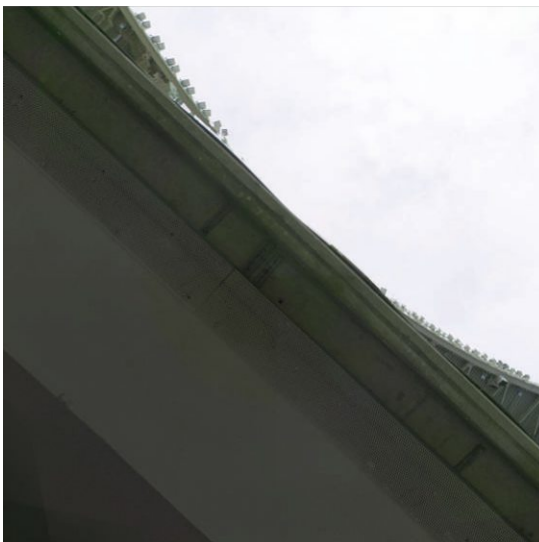
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_250_1.jpeg



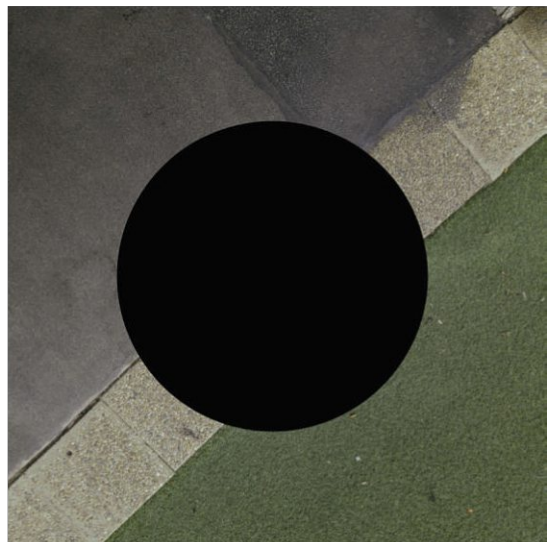
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_250_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_250_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_250_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_250_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_250.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -235516.10429$

$Y = -24586.73741$

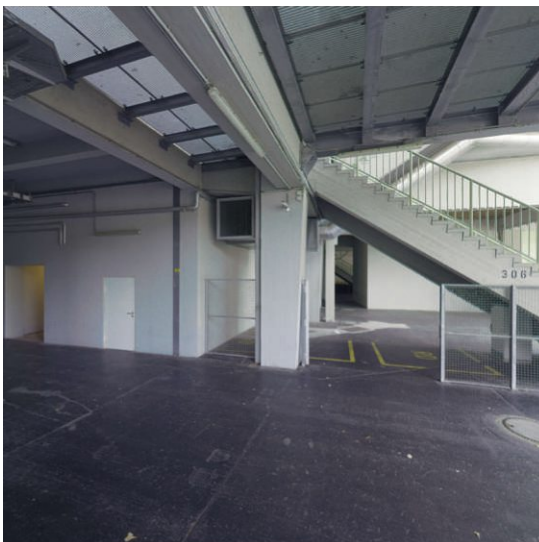
$Z = 1984.31192$



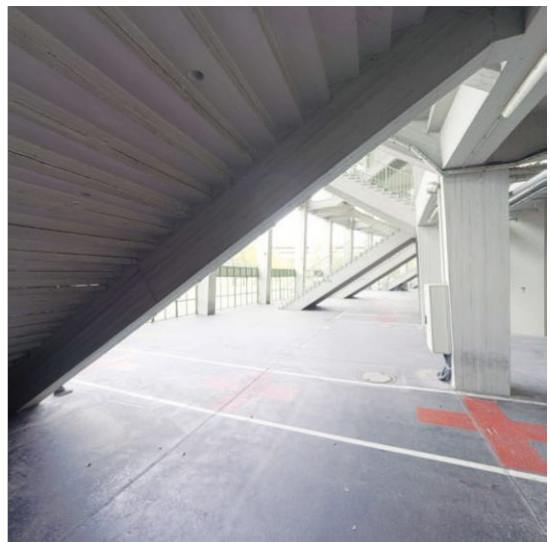
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_251_0.jpeg



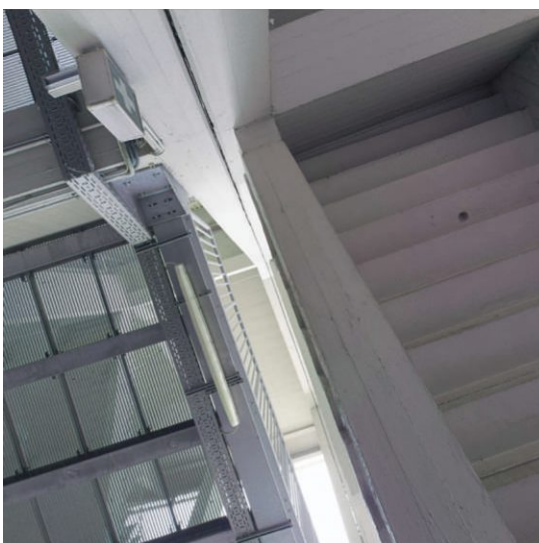
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_251_1.jpeg



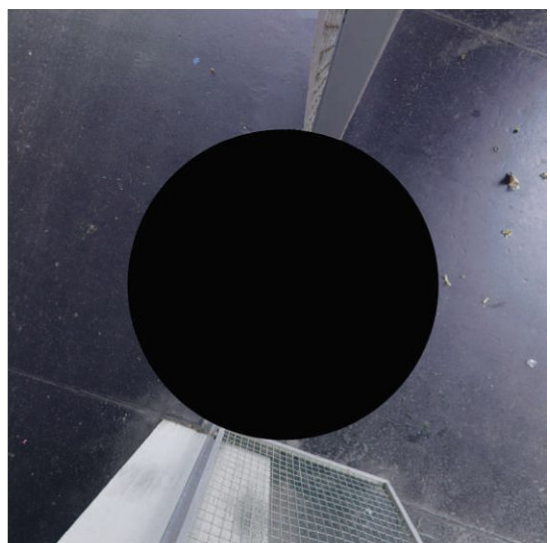
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_251_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_251_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_251_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_251_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_251.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

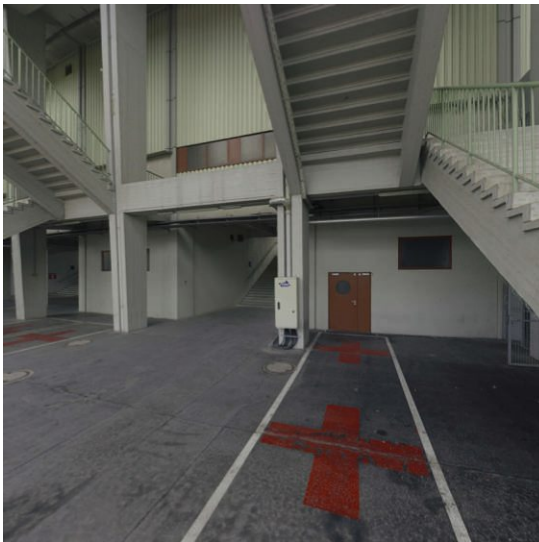
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -242492.19119$

$Y = -27348.4498$

$Z = 1902.27619$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_252_0.jpeg



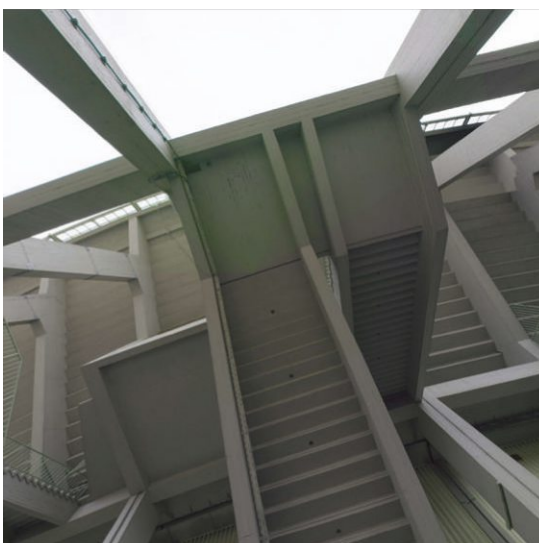
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_252_1.jpeg



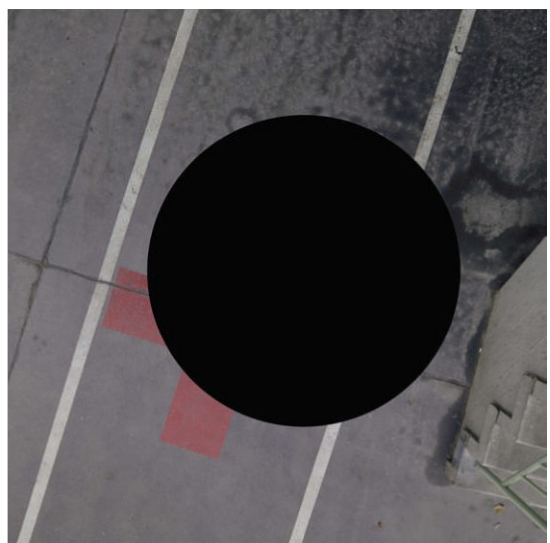
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_252_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_252_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_252_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_252_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_252.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -241971.47395

Y = -17608.20861

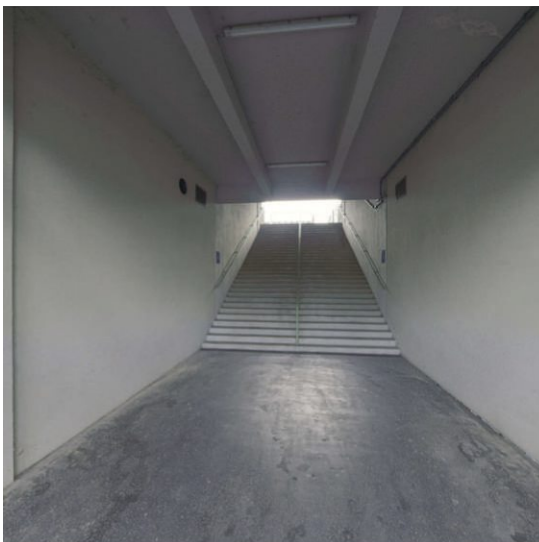
Z = 1963.89658



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_253_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_253_1.jpeg



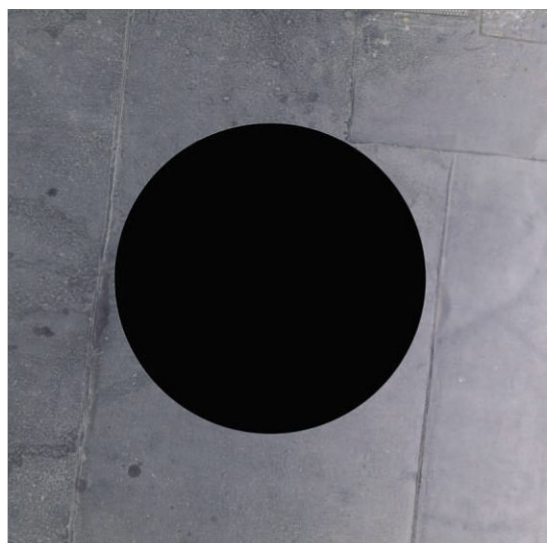
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_253_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_253_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_253_4.jpeg

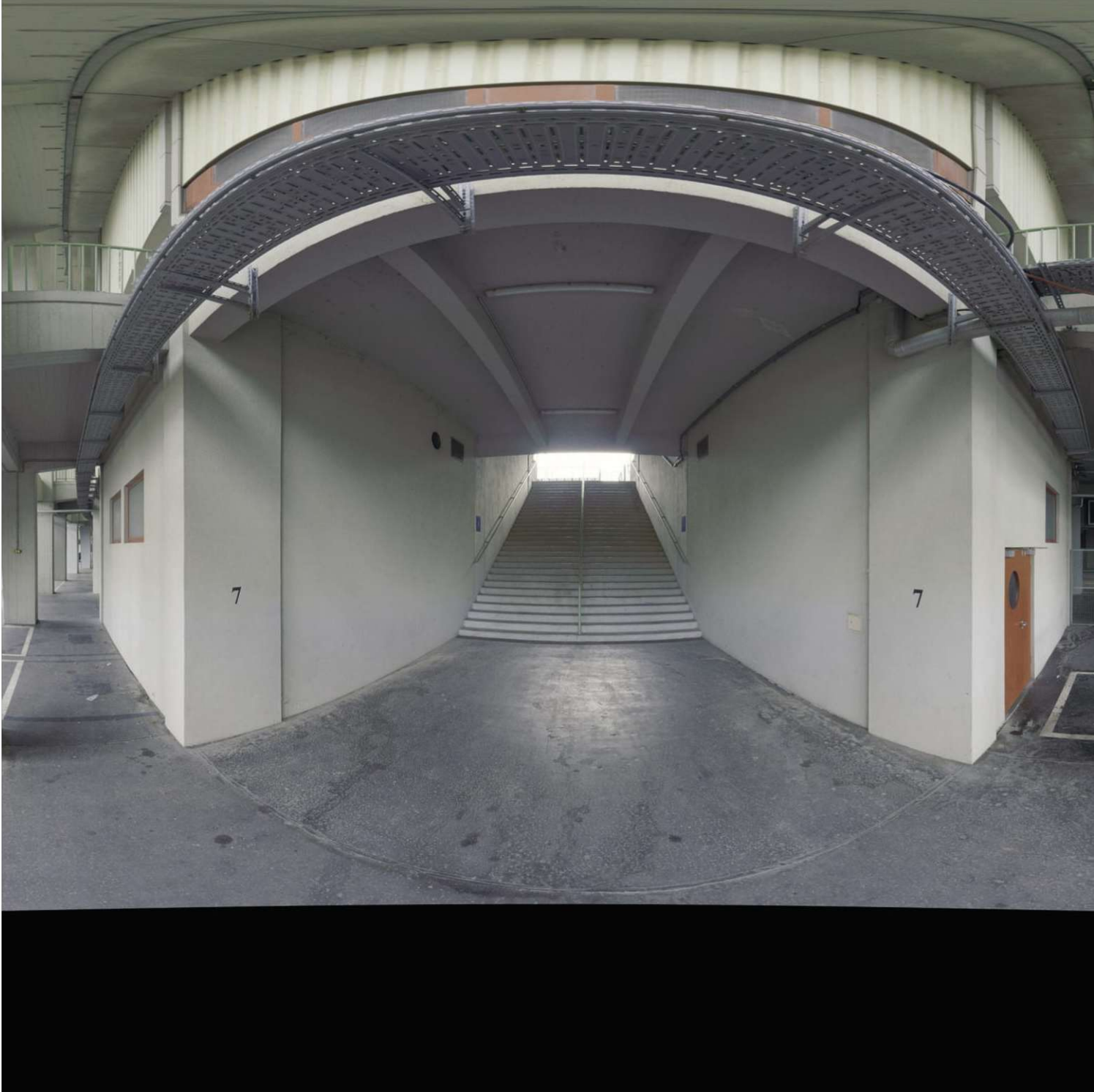


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_253_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_253.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

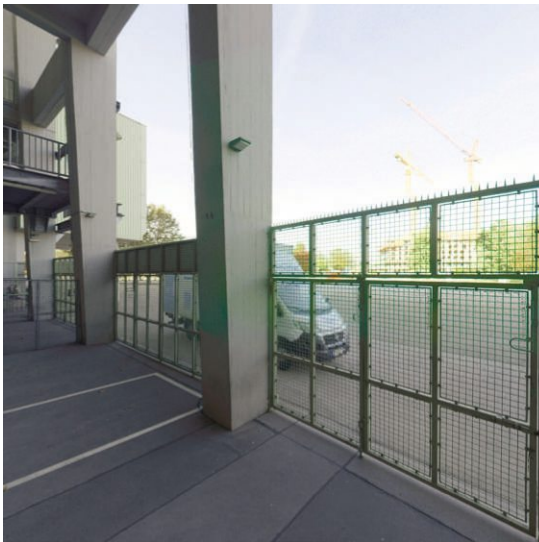
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -247565.04688$

$Y = -25767.44763$

$Z = 1894.77635$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_254_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_254_1.jpeg



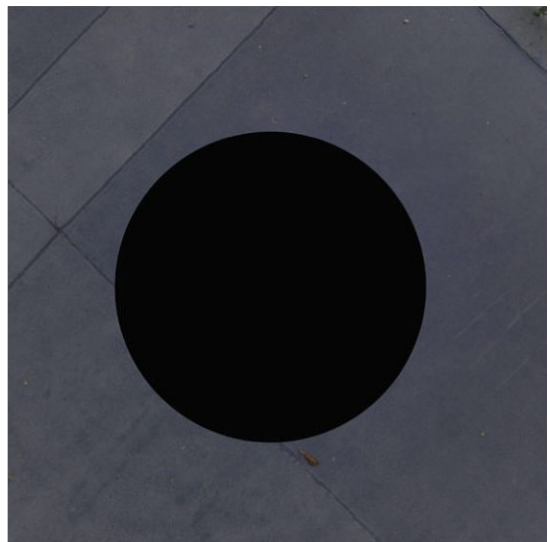
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_254_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_254_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_254_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_254_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_254.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -238395.64482

Y = -11843.72815

Z = 1909.66849



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_255_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_255_1.jpeg



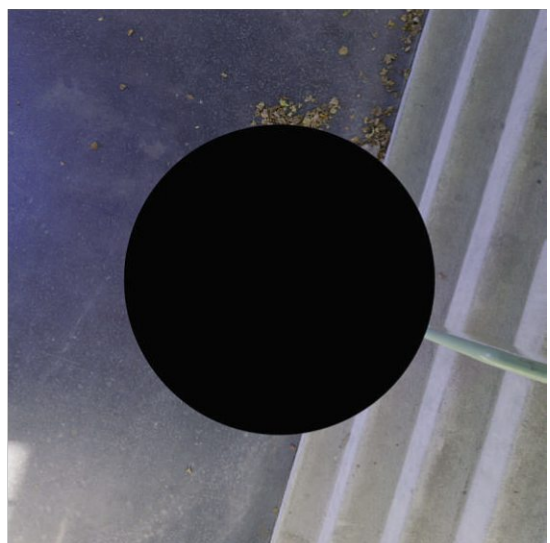
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_255_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_255_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_255_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_255_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_255.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

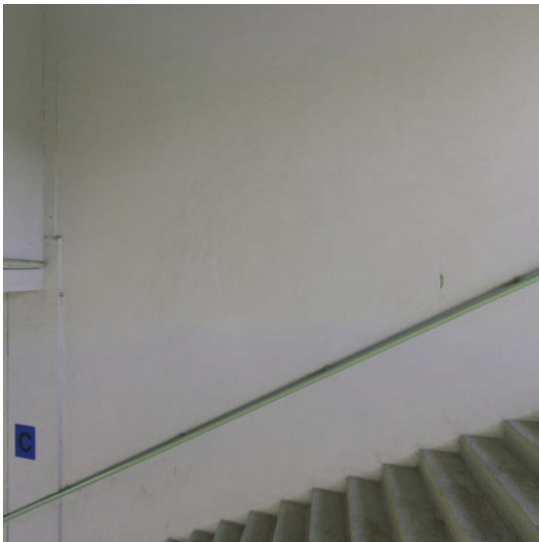
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -235377.90567

Y = -7296.2433

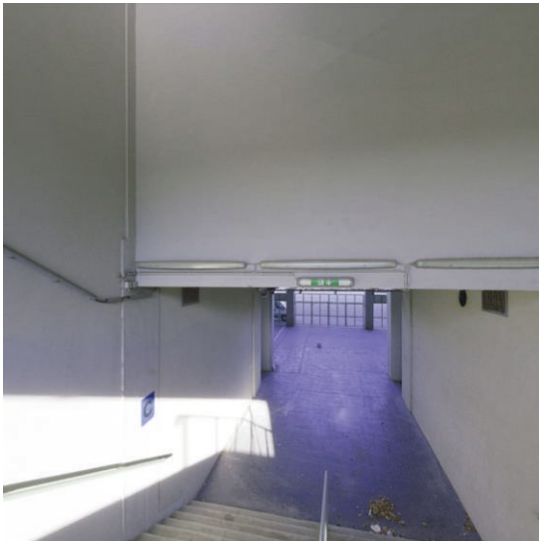
Z = 4602.25852



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_256_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_256_1.jpeg



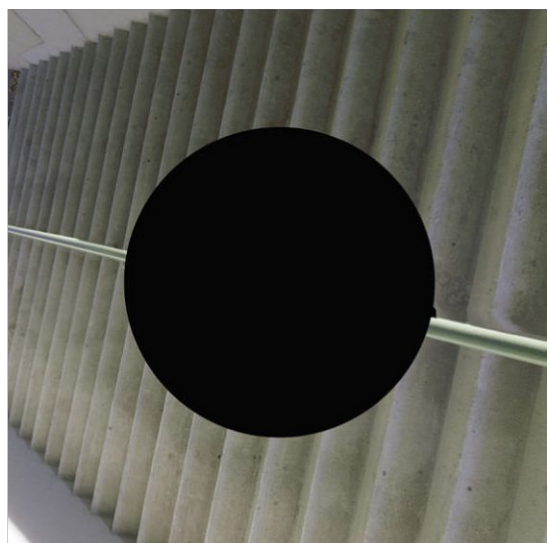
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_256_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_256_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_256_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_256_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_256.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

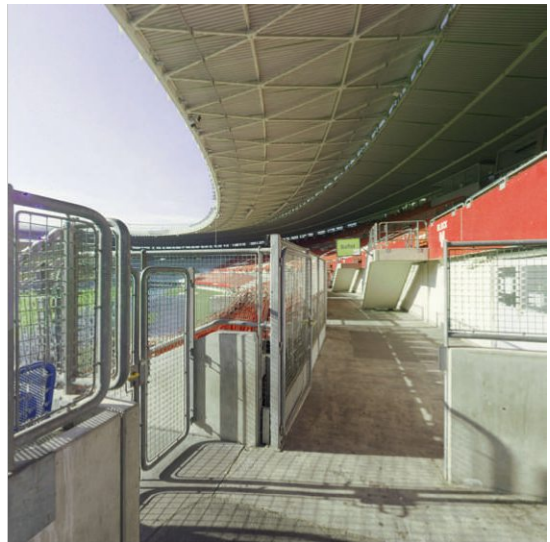
$X = -230487.11408$

$Y = 66.01736$

$Z = 6902.21257$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_257_0.jpeg



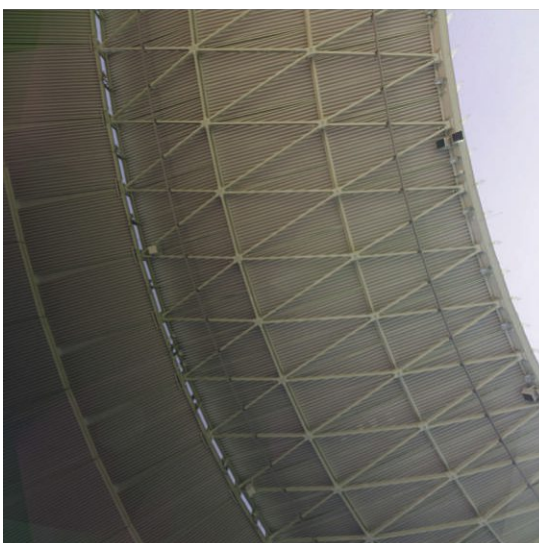
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_257_1.jpeg



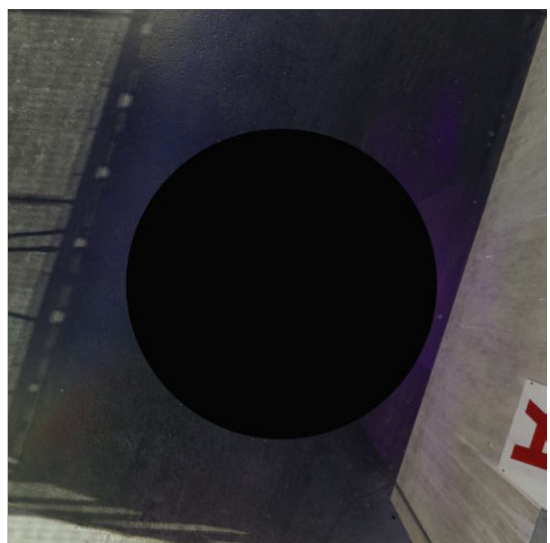
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_257_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_257_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_257_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_257_5.jpeg

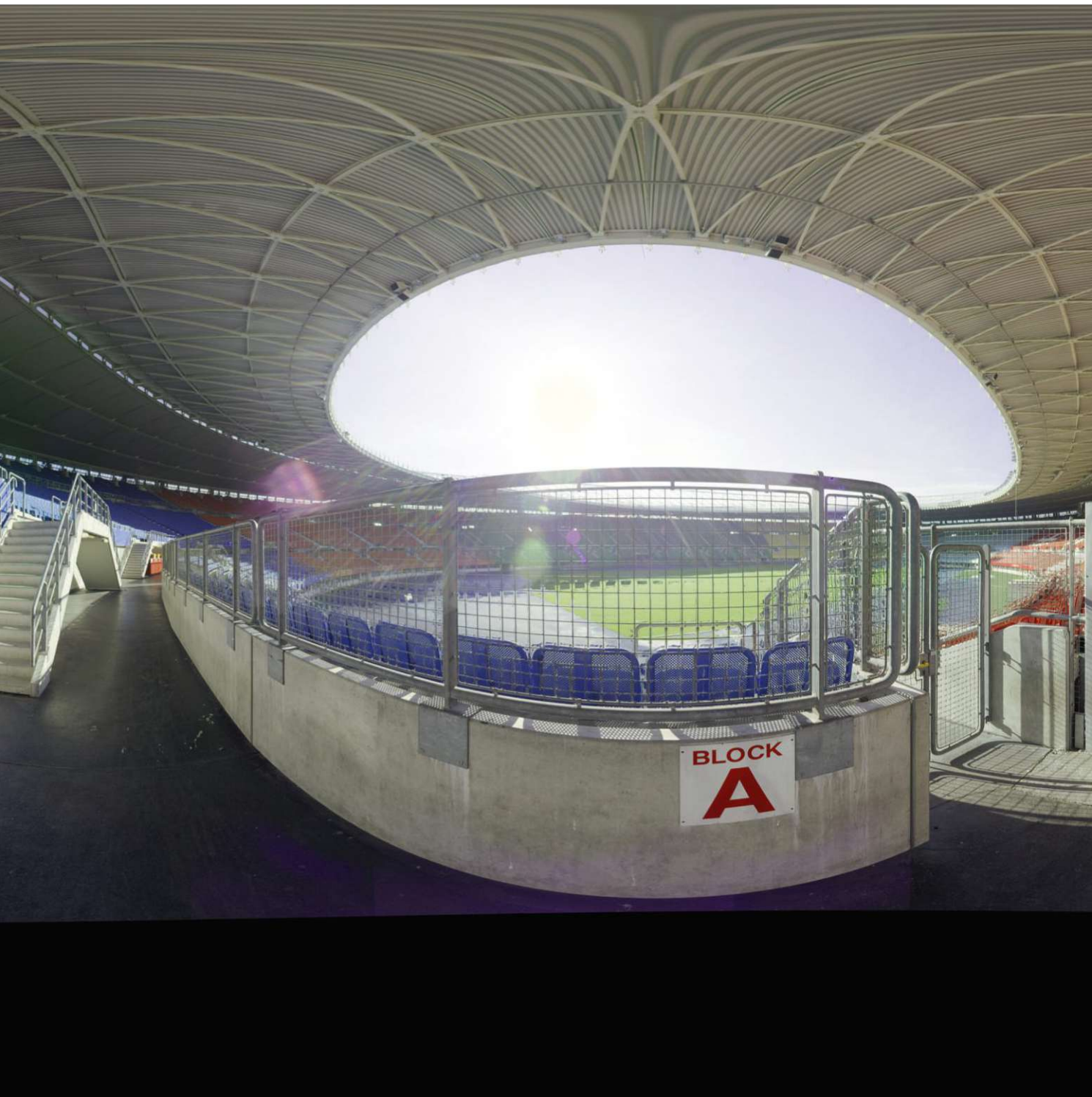
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_257.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -249806.23283$

$Y = -15290.74014$

$Z = 1897.90818$



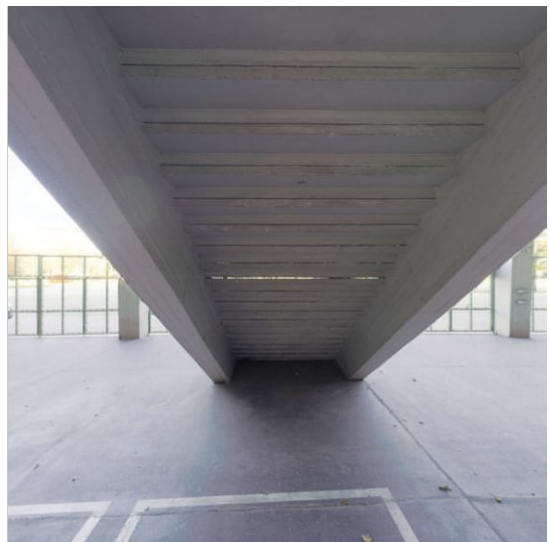
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_258_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_258_1.jpeg



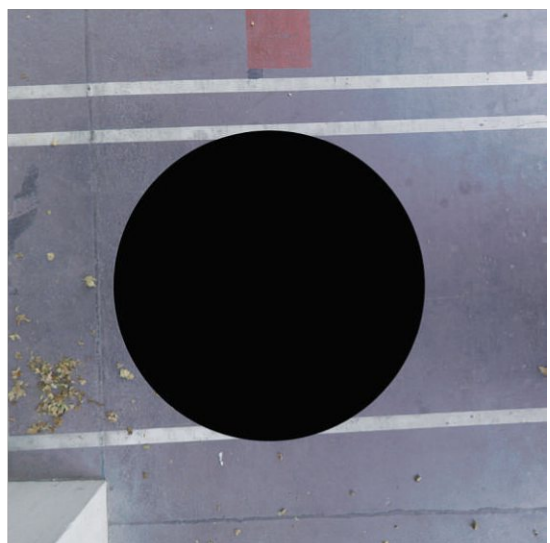
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_258_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_258_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_258_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_258_5.jpeg

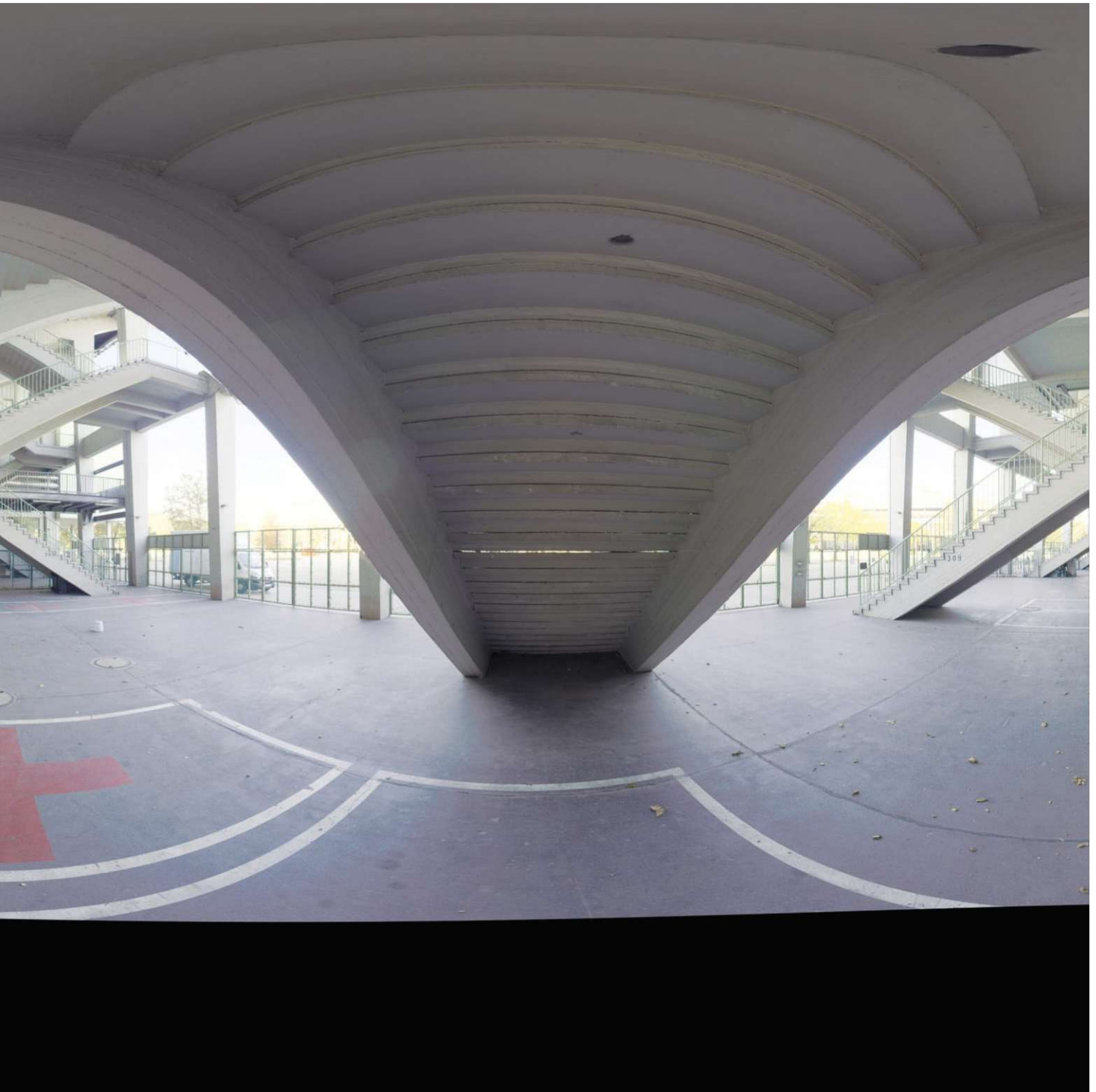
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_258.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

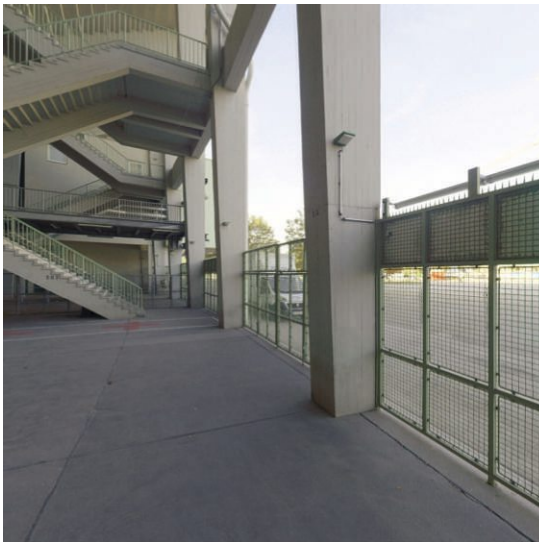
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -253370.19309$

$Y = -21758.78824$

$Z = 1792.74559$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_259_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_259_1.jpeg



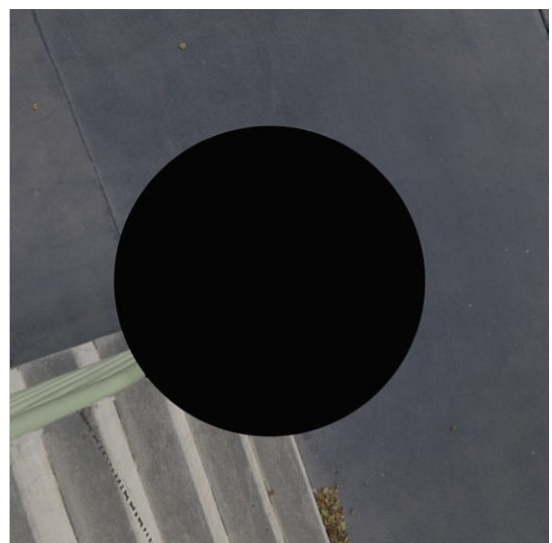
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_259_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_259_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_259_4.jpeg

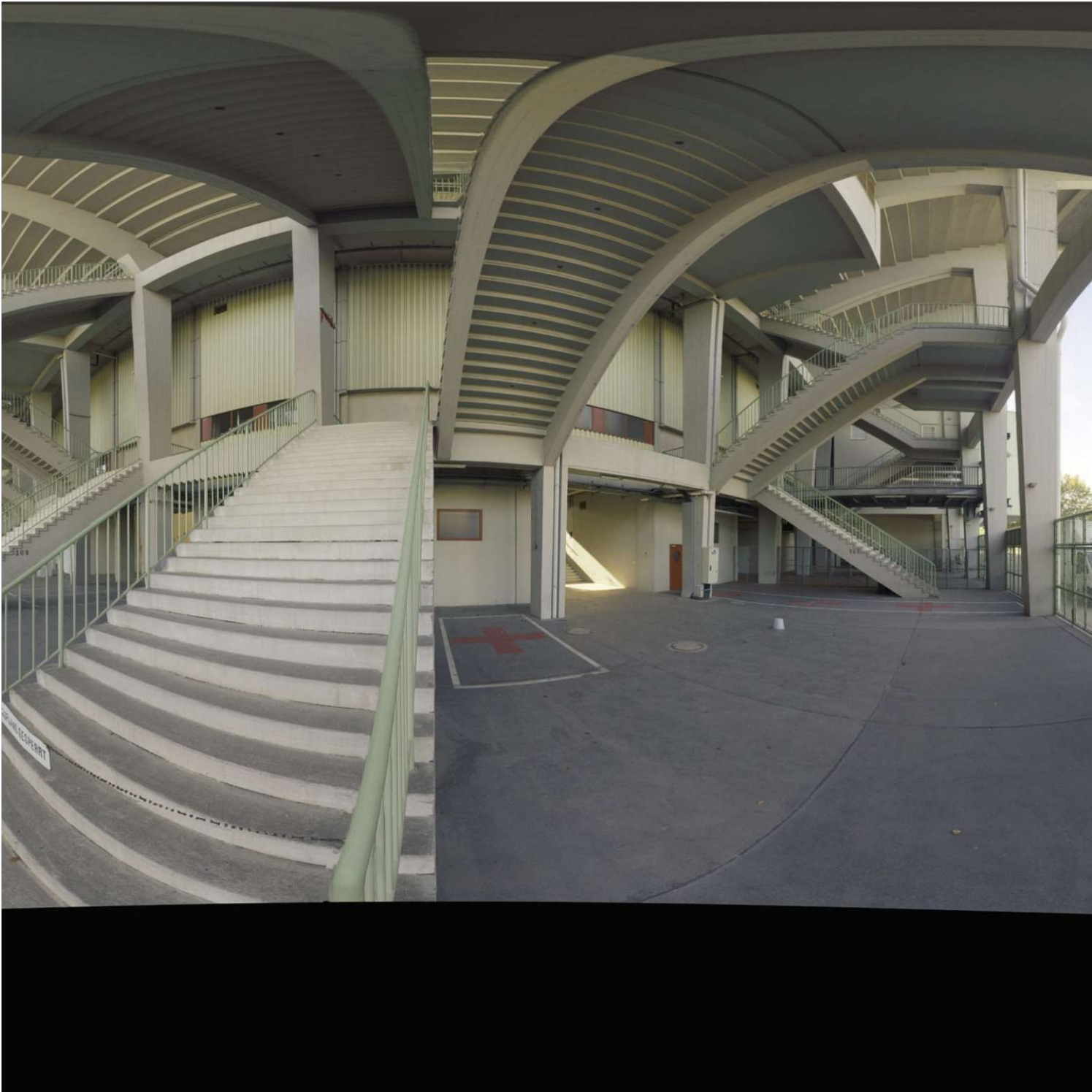


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_259_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_259.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -259261.52237$

$Y = -18849.8023$

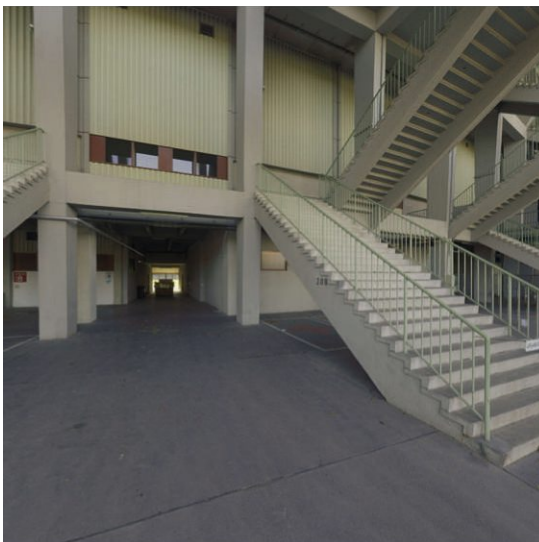
$Z = 1781.90805$



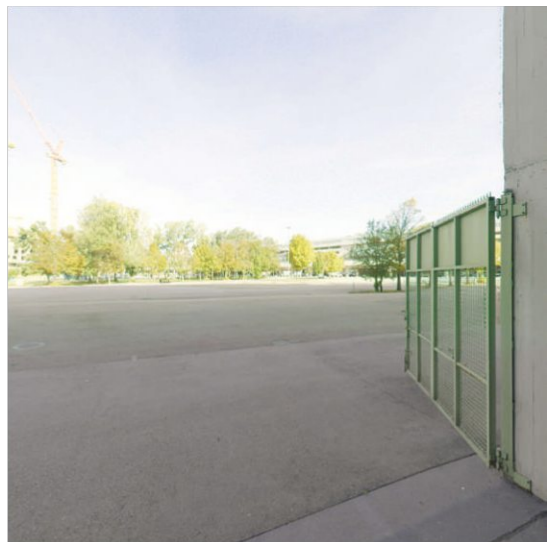
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_260_0.jpeg



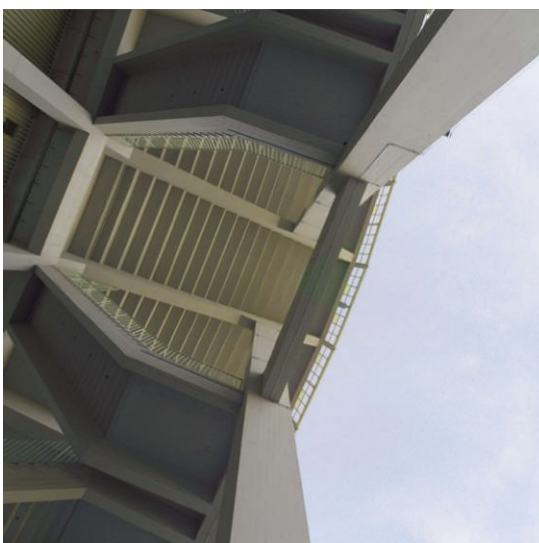
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_260_1.jpeg



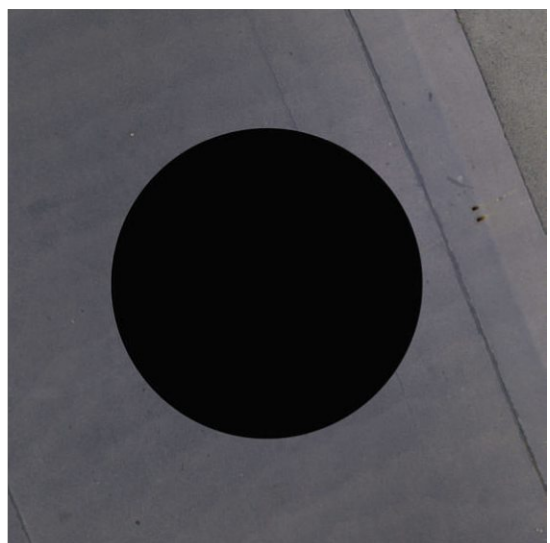
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_260_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_260_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_260_4.jpeg

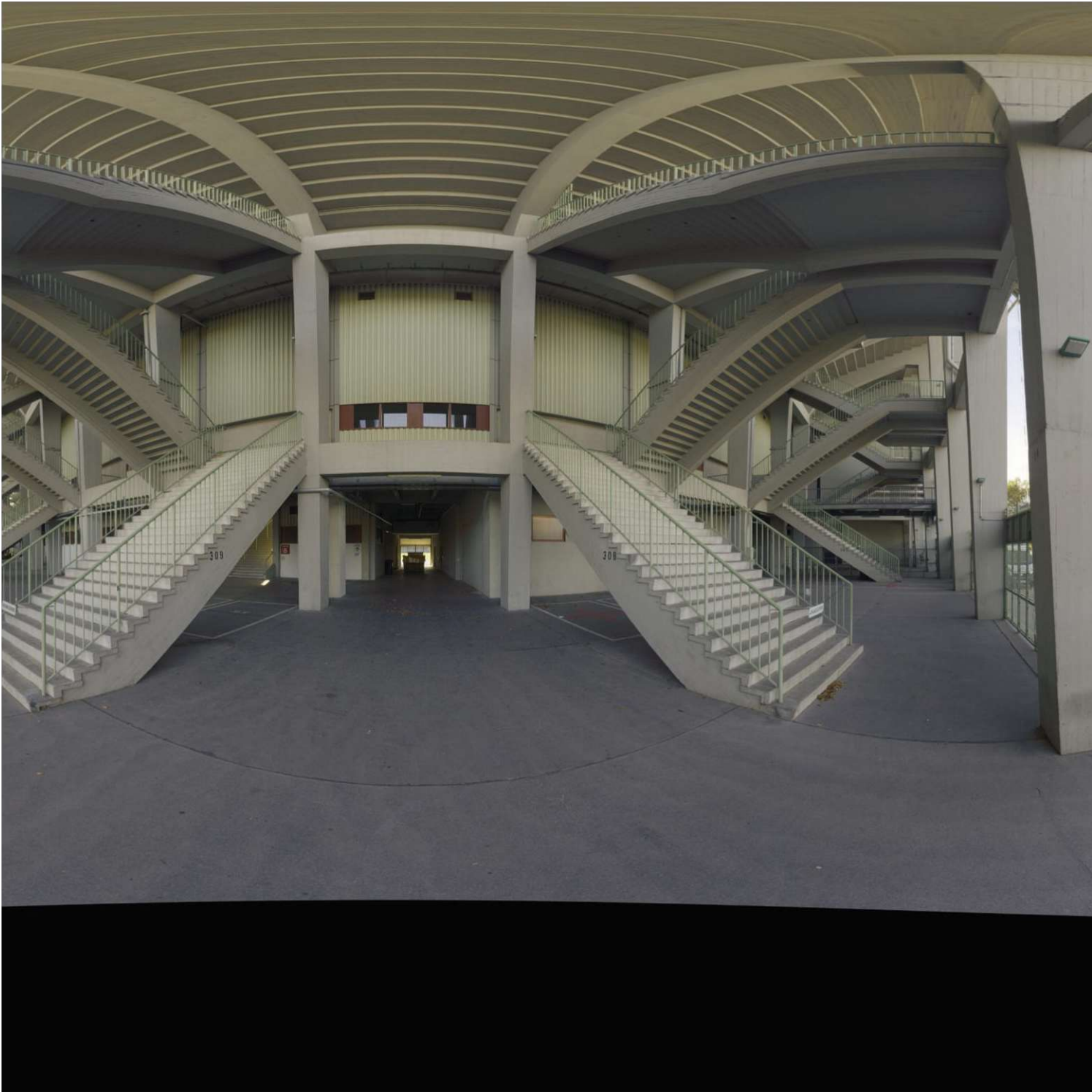


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_260_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_260.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -252280.00199

Y = -9996.45123

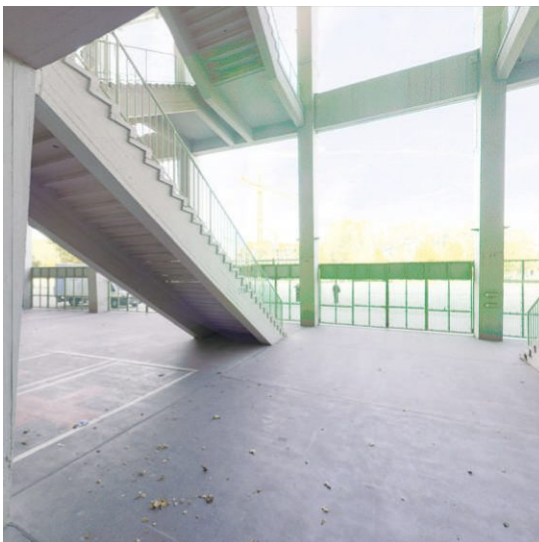
Z = 2041.61504



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_261_0.jpeg



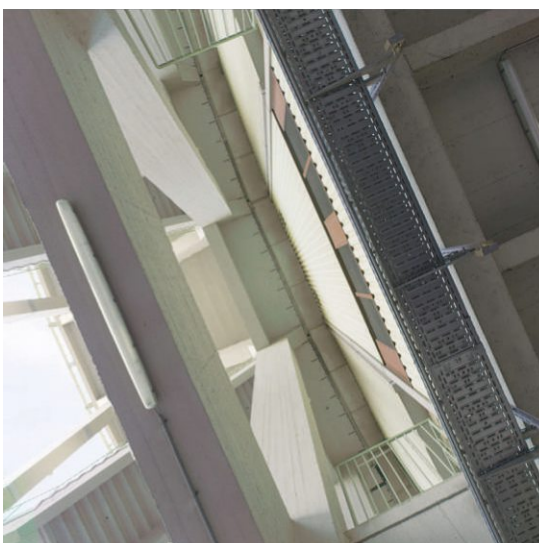
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_261_1.jpeg



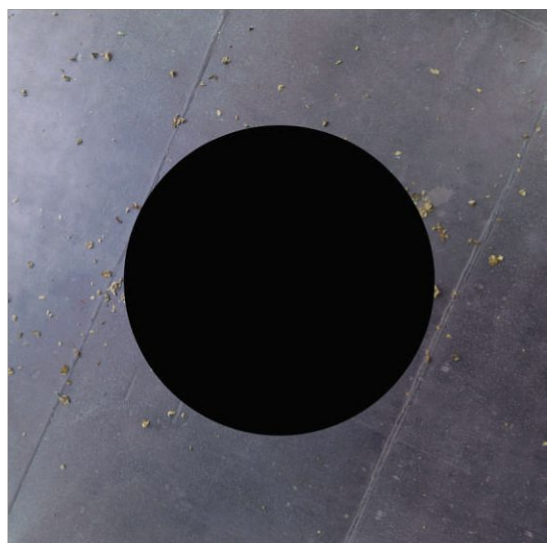
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_261_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_261_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_261_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_261_5.jpeg

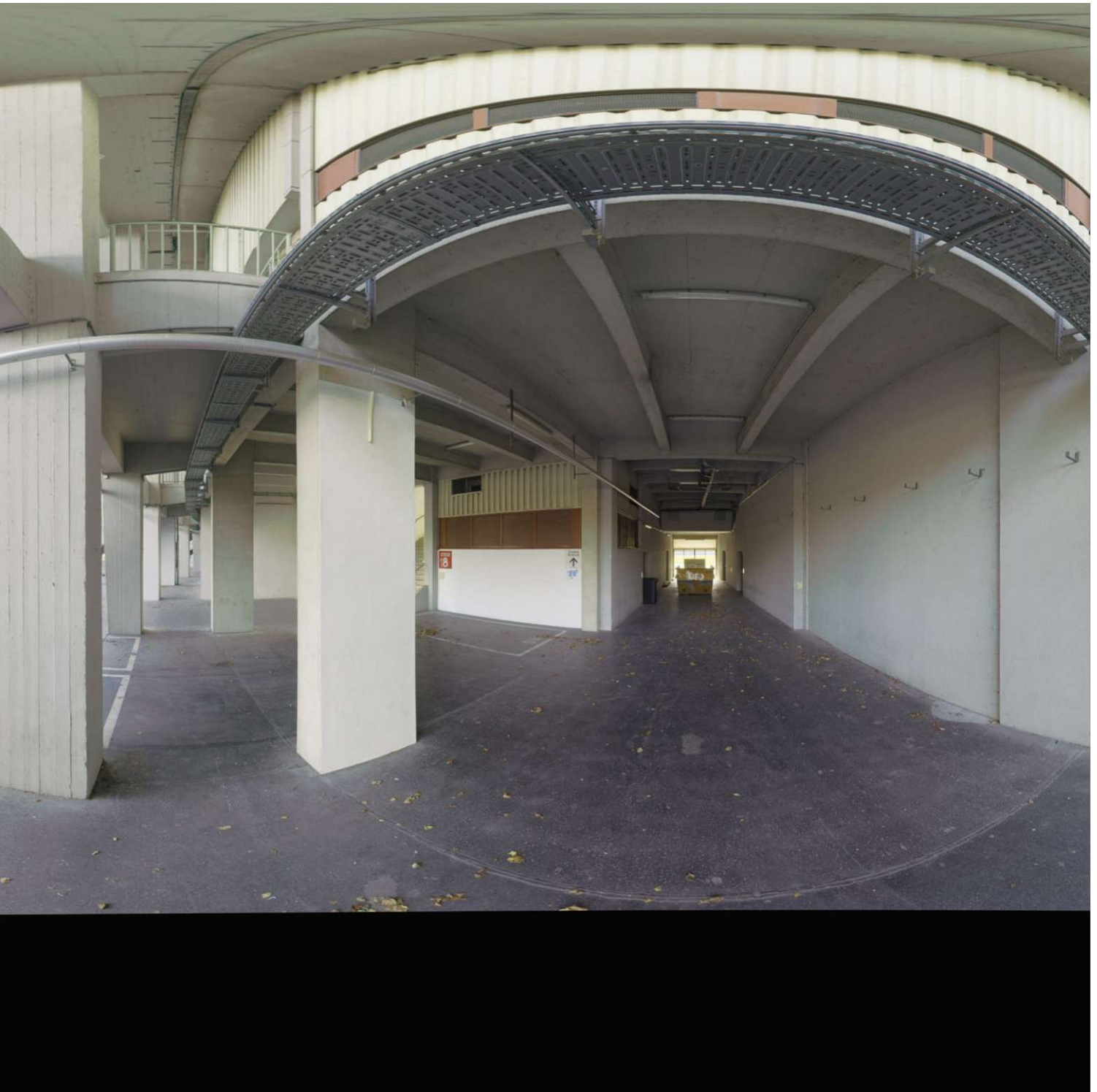
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_261.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -245988.36375

Y = -2338.31006

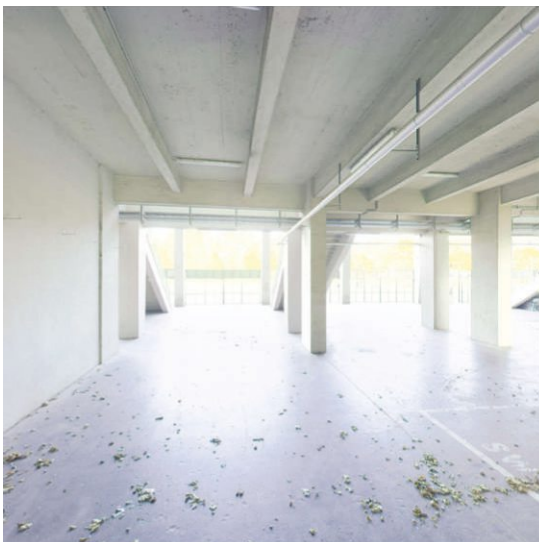
Z = 2113.5022



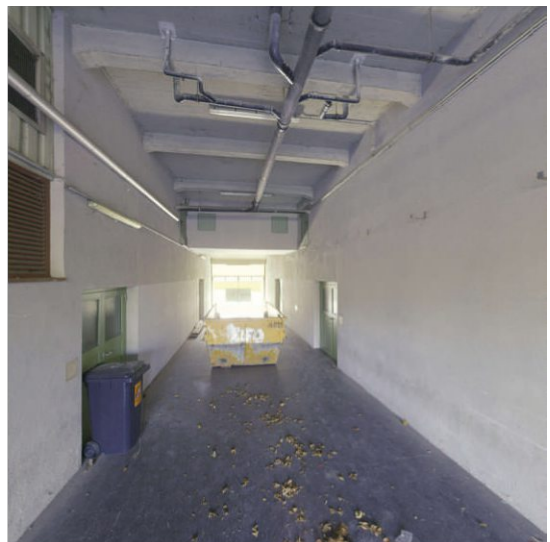
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_262_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_262_1.jpeg



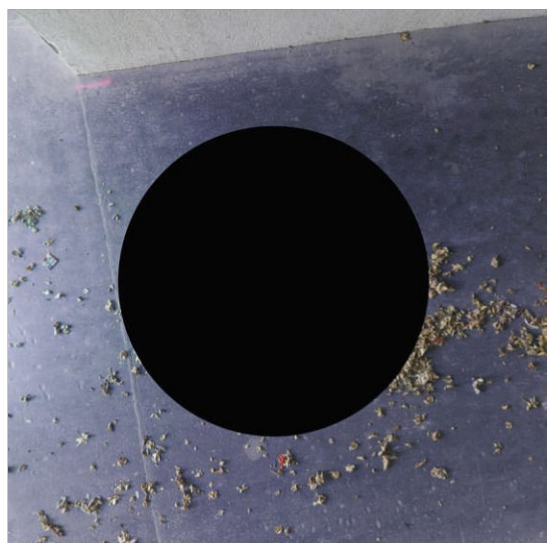
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_262_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_262_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_262_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_262_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_262.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -239668.42593

Y = 4629.58101

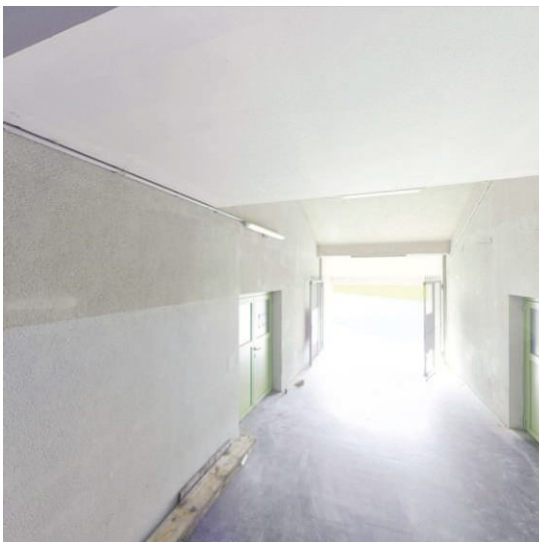
Z = 2243.11765



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_263_0.jpeg



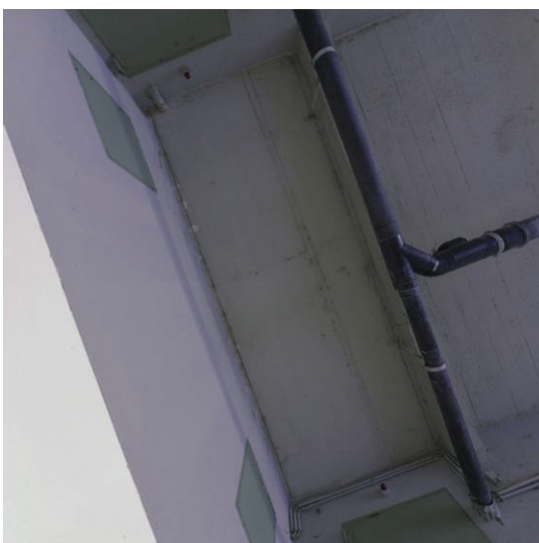
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_263_1.jpeg



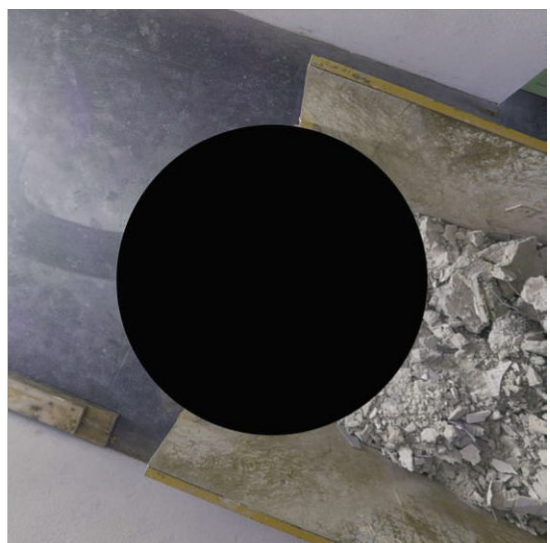
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_263_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_263_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_263_4.jpeg

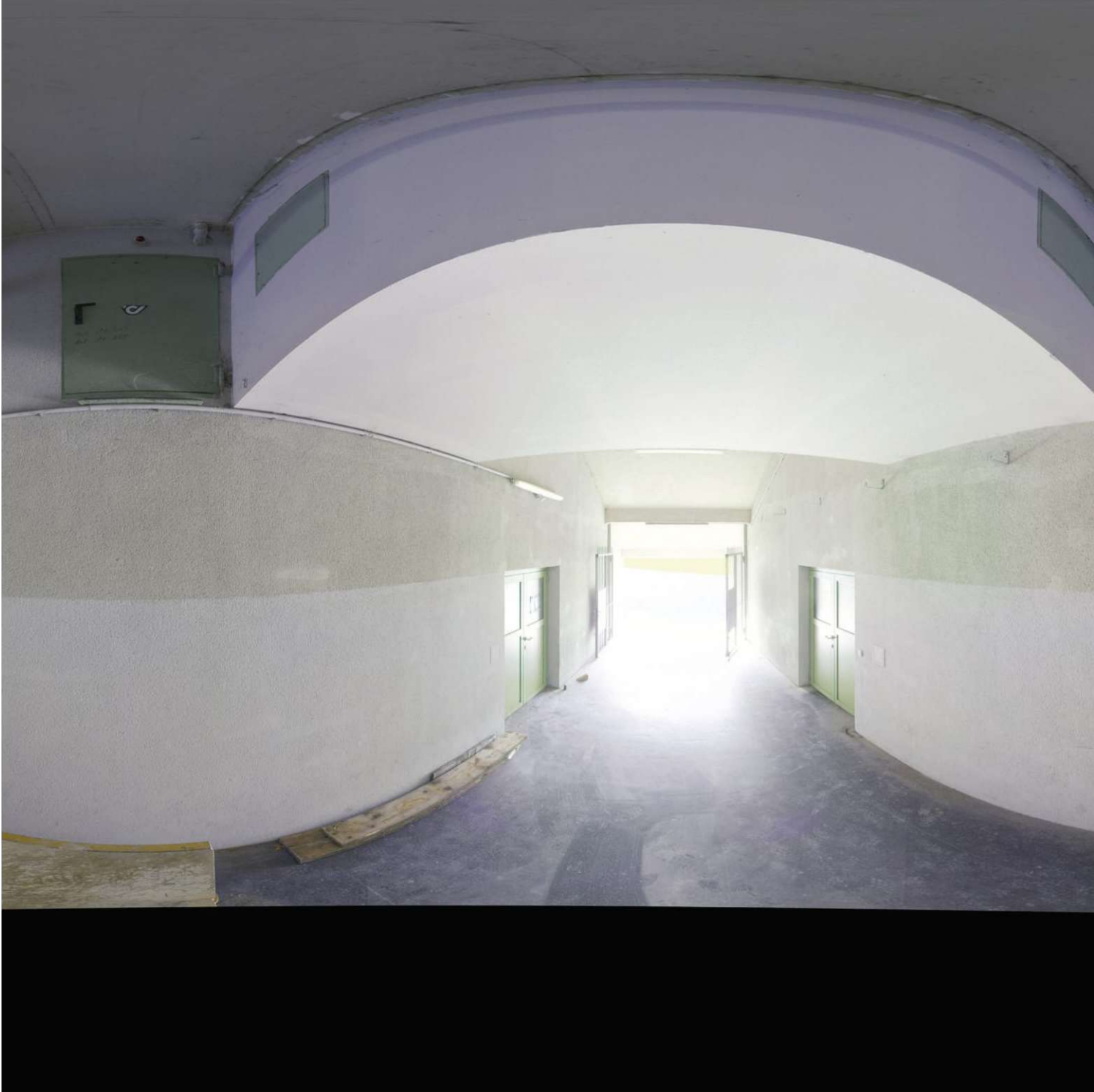


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_263_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_263.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -233228.18526

Y = 12015.81121

Z = 1367.59931



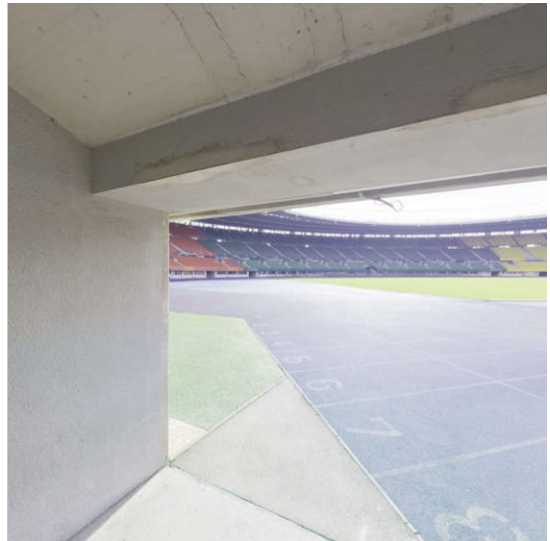
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_264_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_264_1.jpeg



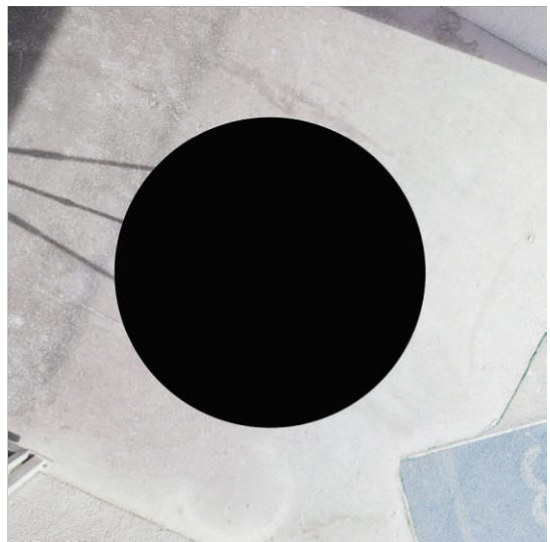
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_264_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_264_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_264_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_264_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_264.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -256035.21314$

$Y = -6981.7074$

$Z = 1833.74124$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_265_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_265_1.jpeg



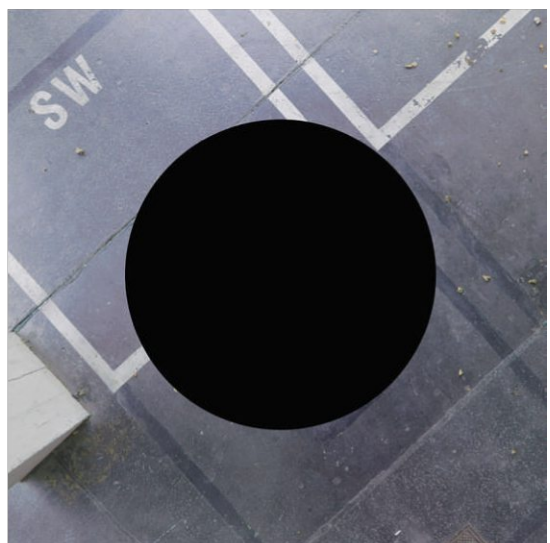
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_265_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_265_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_265_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_265_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_265.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -263358.87378$

$Y = -13632.62315$

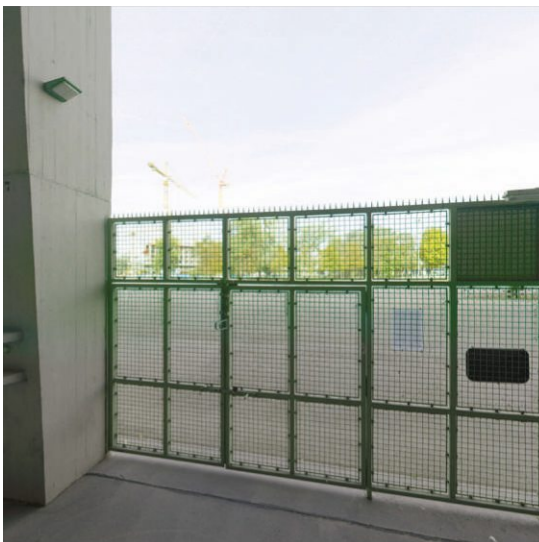
$Z = 1917.07086$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_266_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_266_1.jpeg



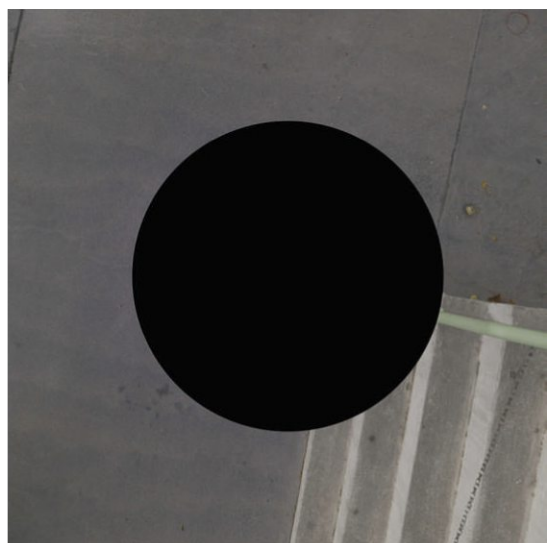
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_266_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_266_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_266_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_266_5.jpeg

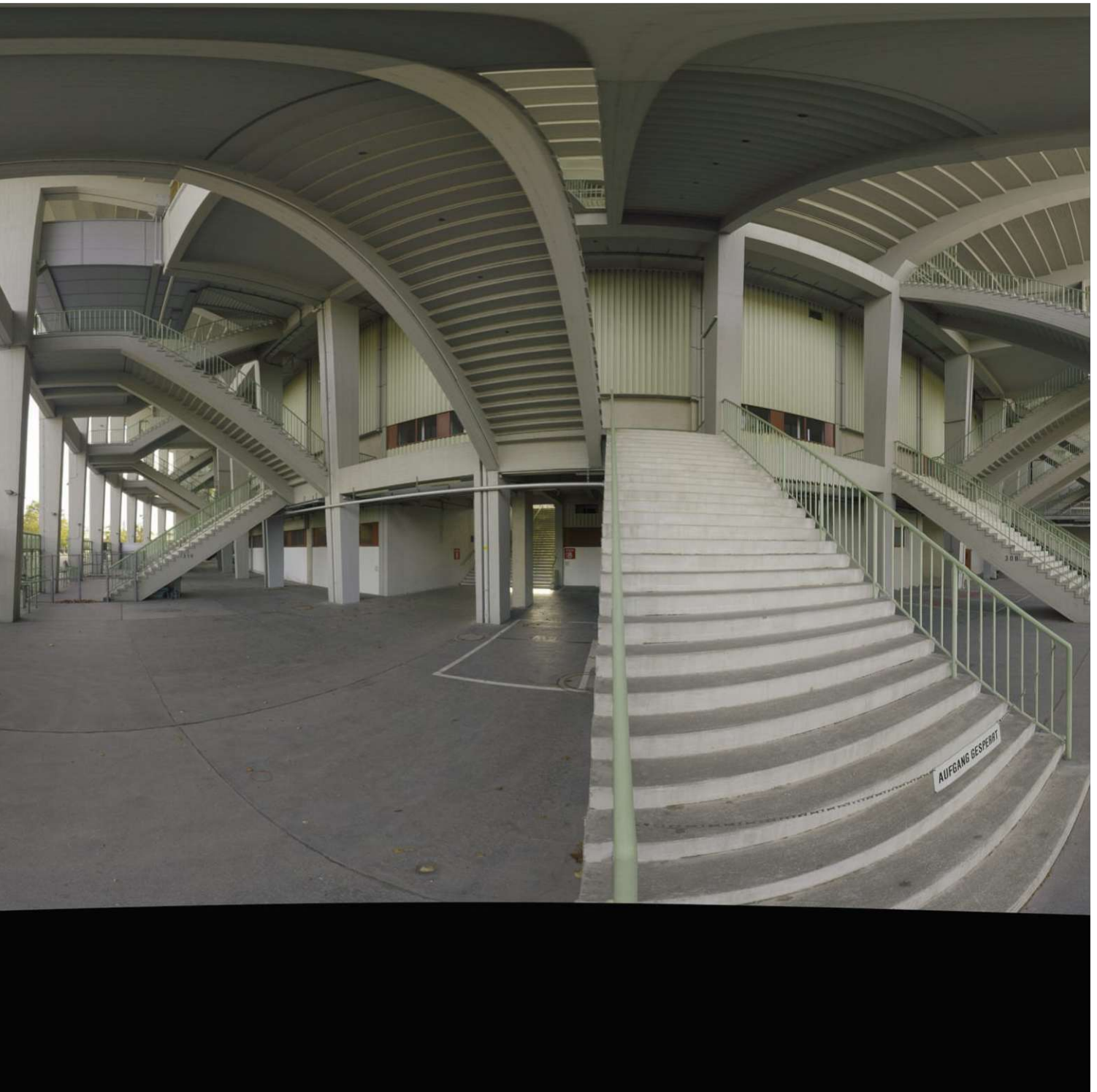
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_266.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

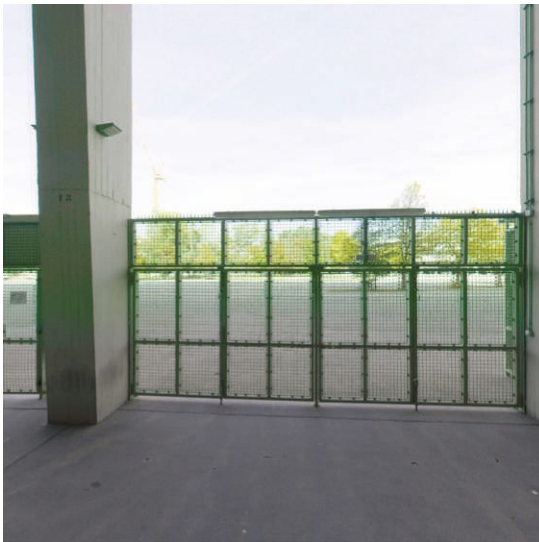
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

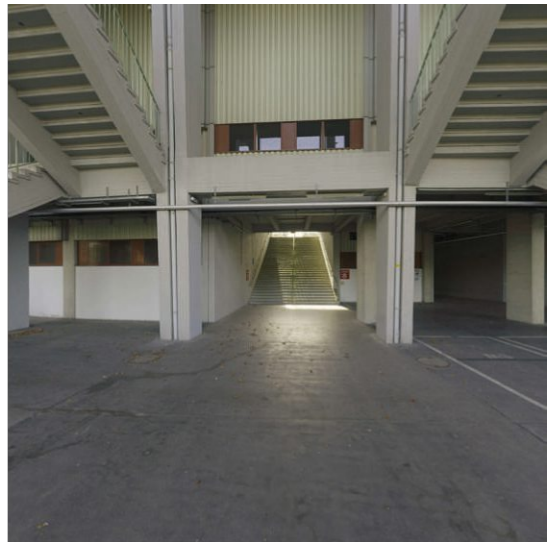
X = -267120.08339

Y = -7981.18641

Z = 1729.75379



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_267_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_267_1.jpeg



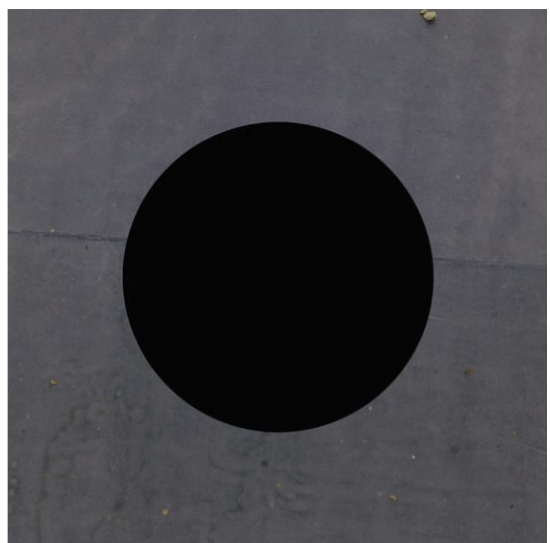
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_267_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_267_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_267_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_267_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_267.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -260970.29604

Y = -1391.42944

Z = 2011.42295



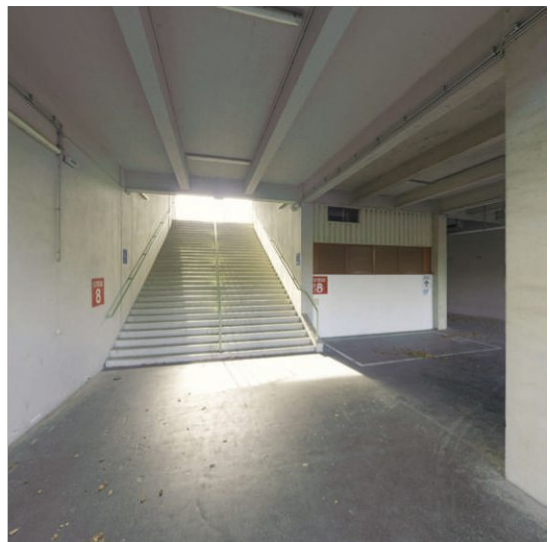
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_268_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_268_1.jpeg



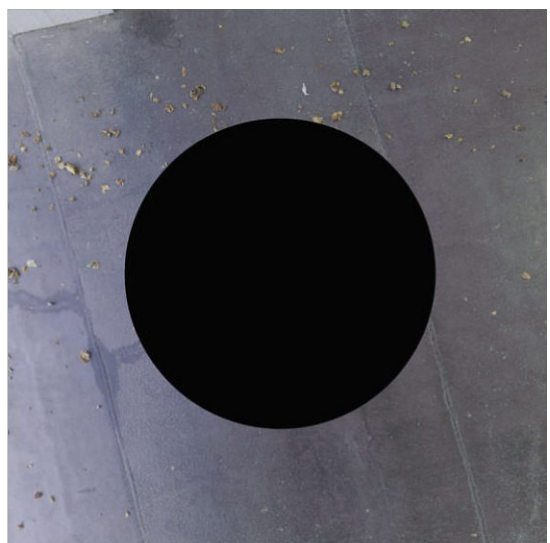
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_268_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_268_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_268_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_268_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_268.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -255995.85067

Y = 2850.56638

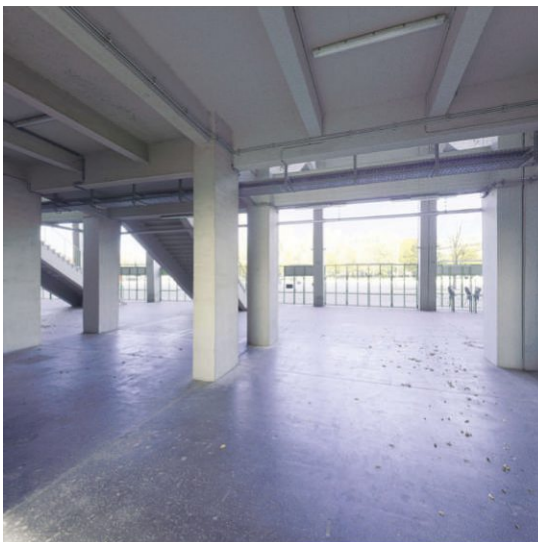
Z = 1870.66962



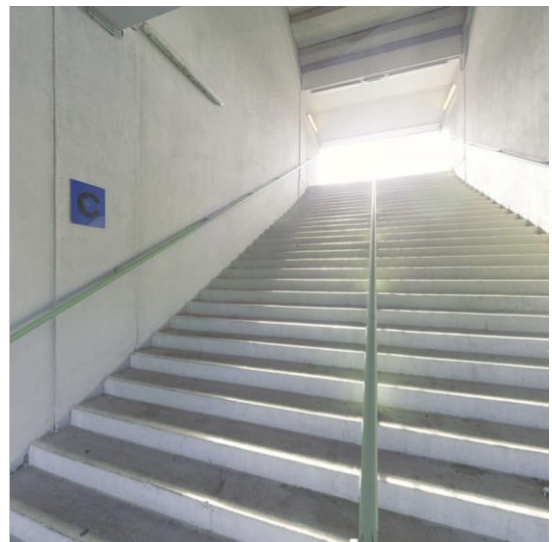
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_269_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_269_1.jpeg



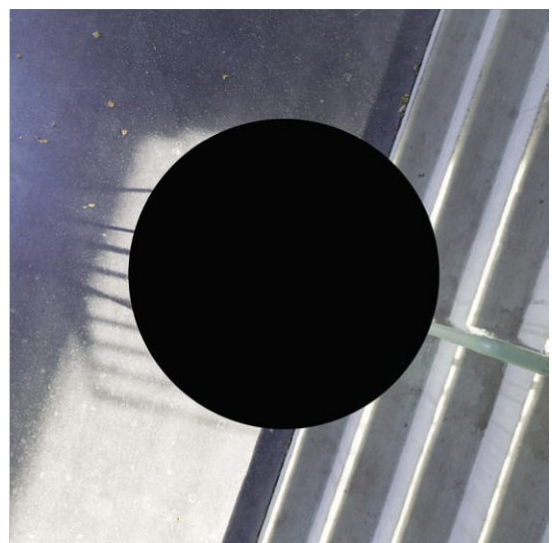
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_269_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_269_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_269_4.jpeg

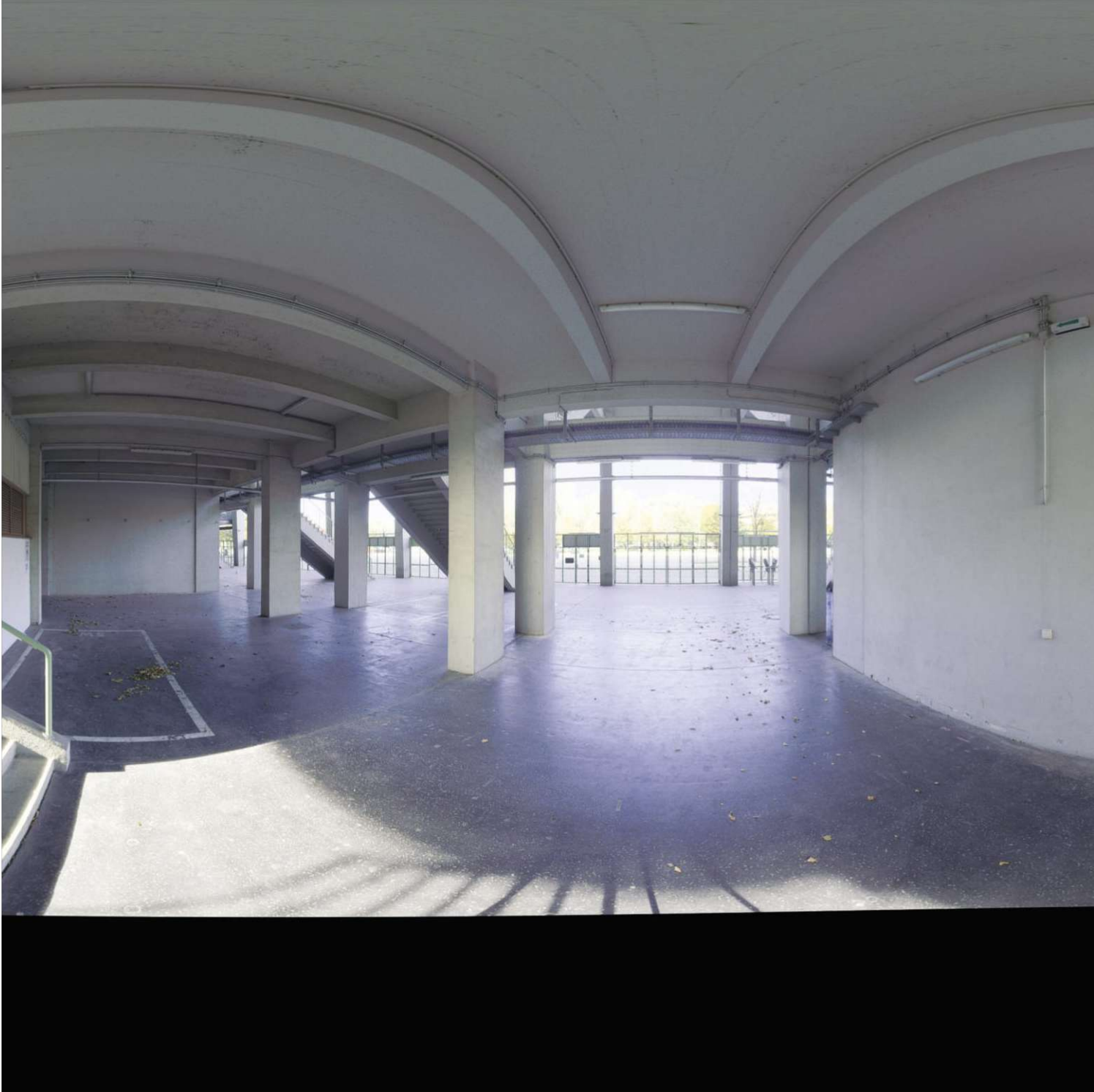


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_269_5.jpeg

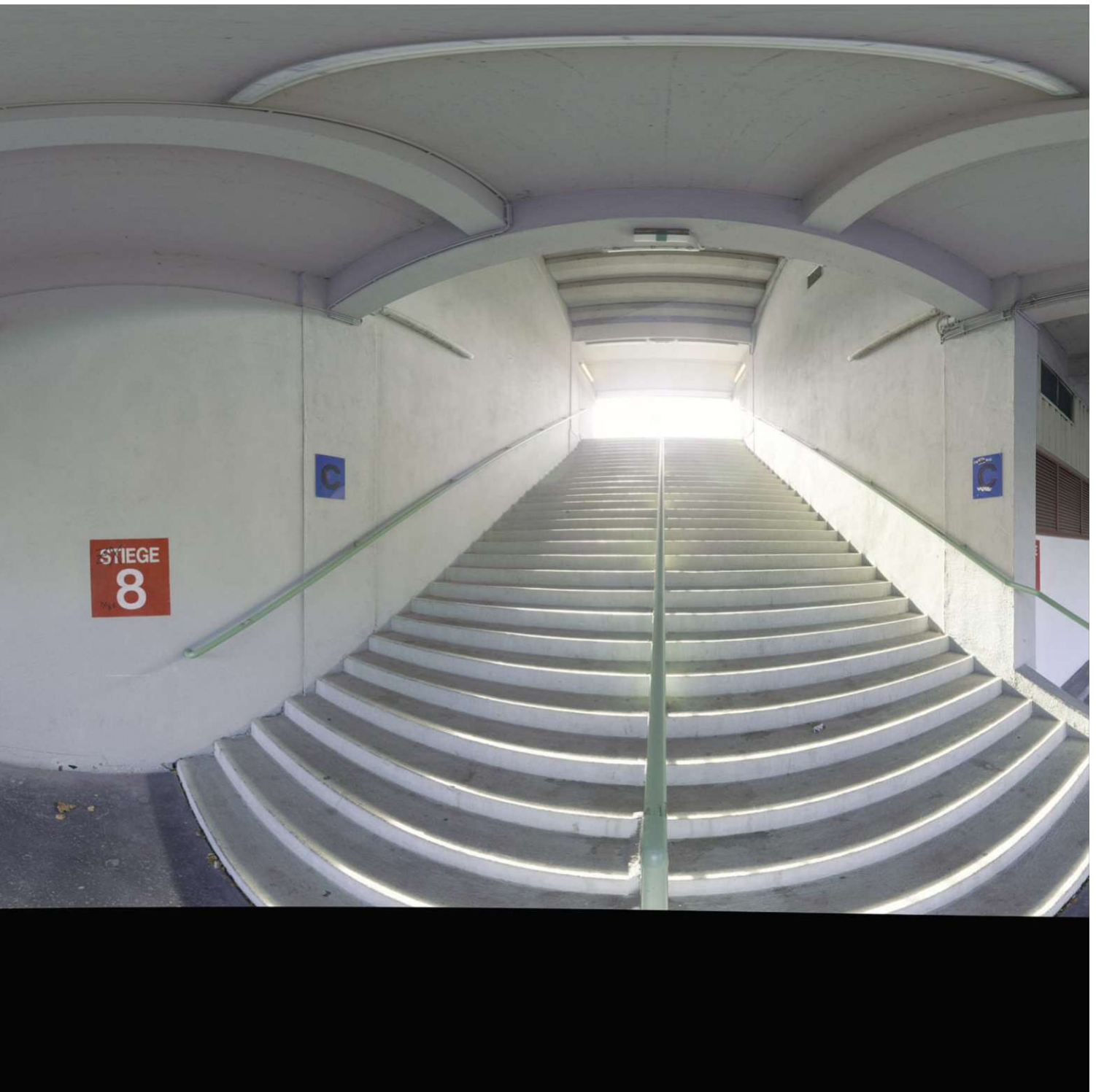
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_269.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

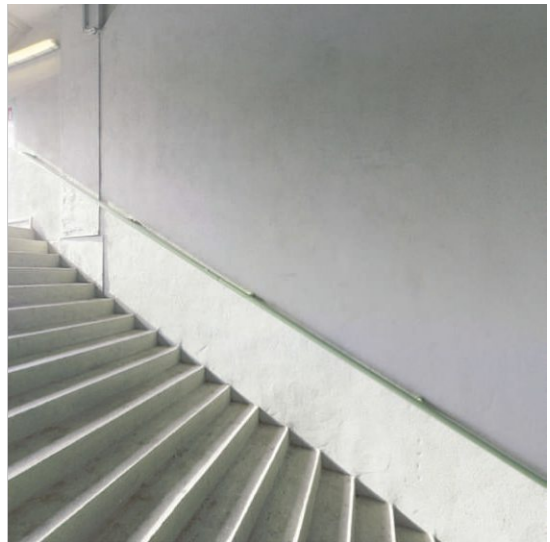
$X = -252031.71708$

$Y = 6615.54617$

$Z = 4589.32851$



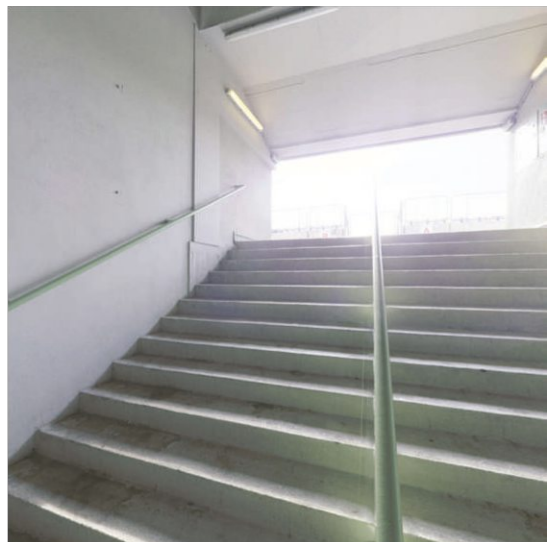
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_270_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_270_1.jpeg



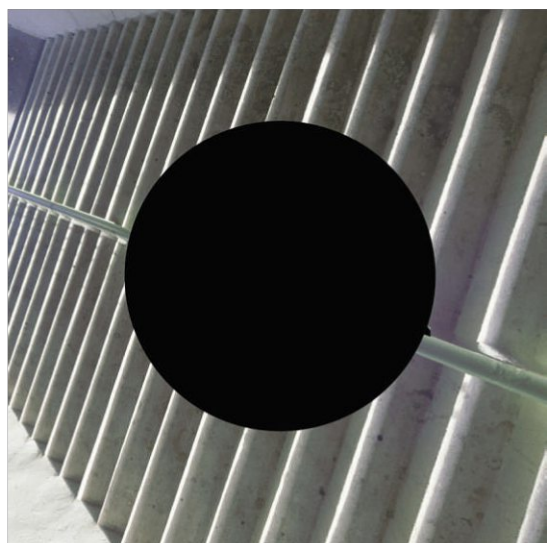
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_270_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_270_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_270_4.jpeg

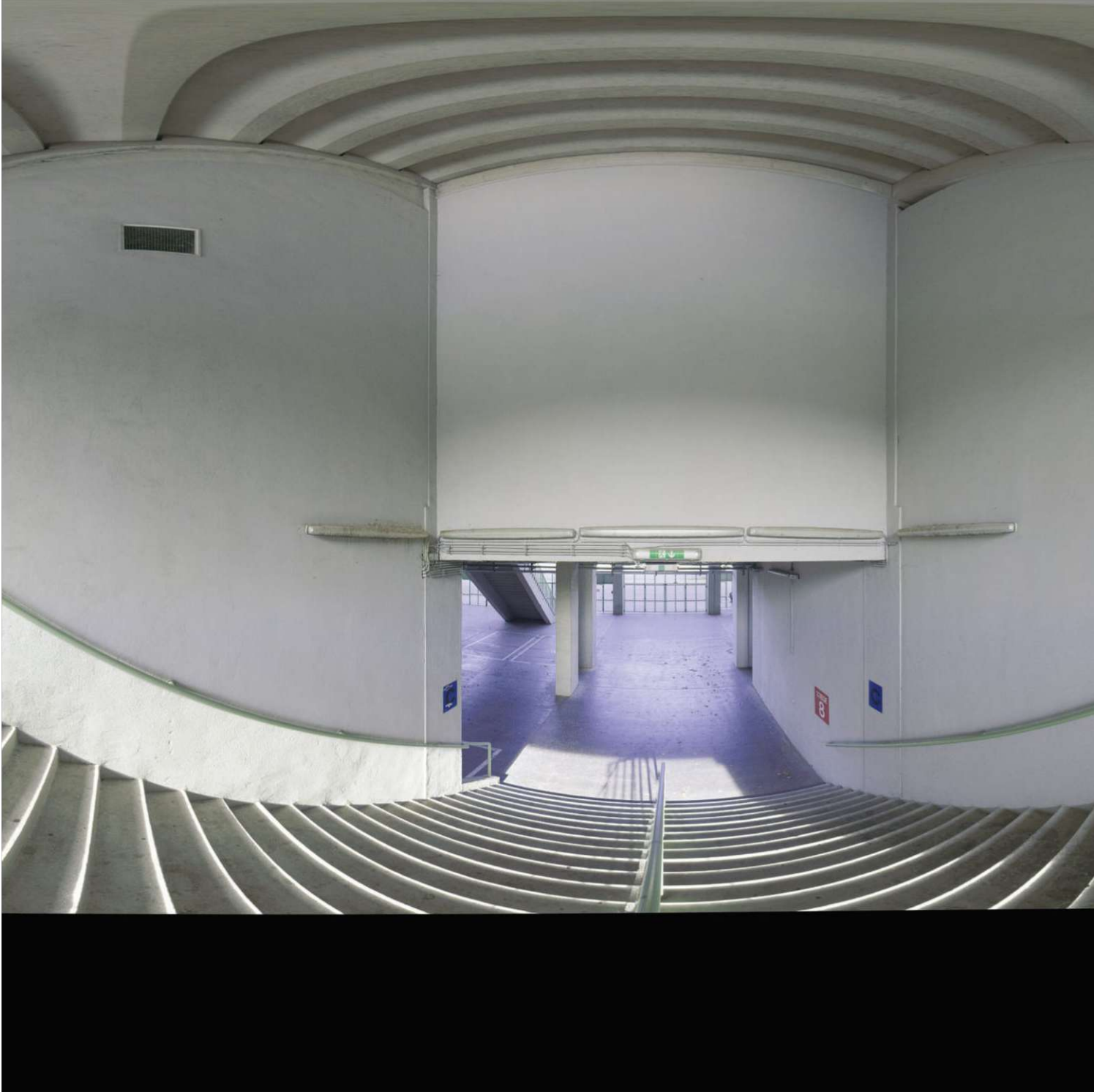


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_270_5.jpeg

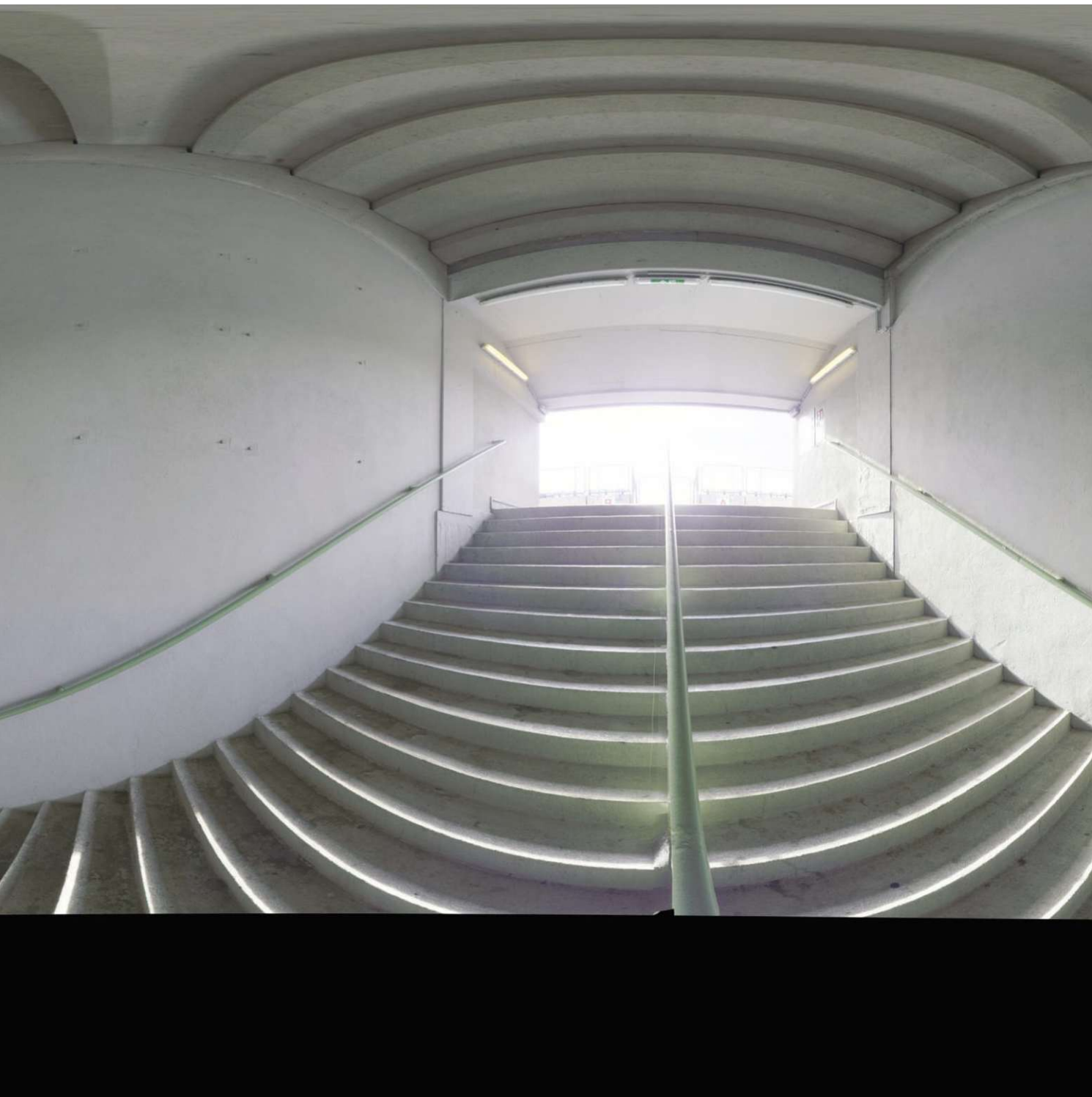
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_270.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -245881.35997

Y = 12265.44069

Z = 6954.31959



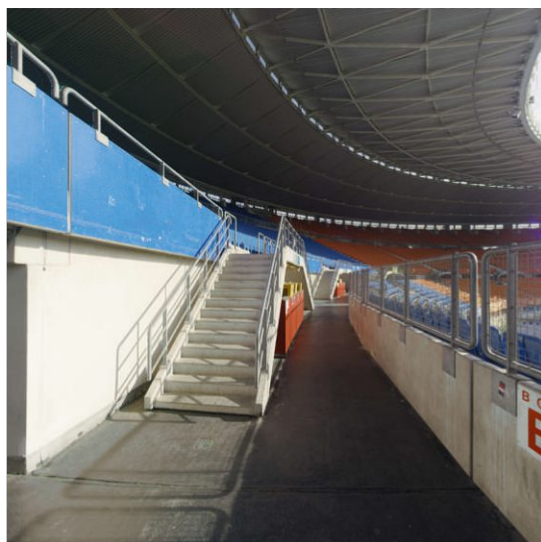
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_271_0.jpeg



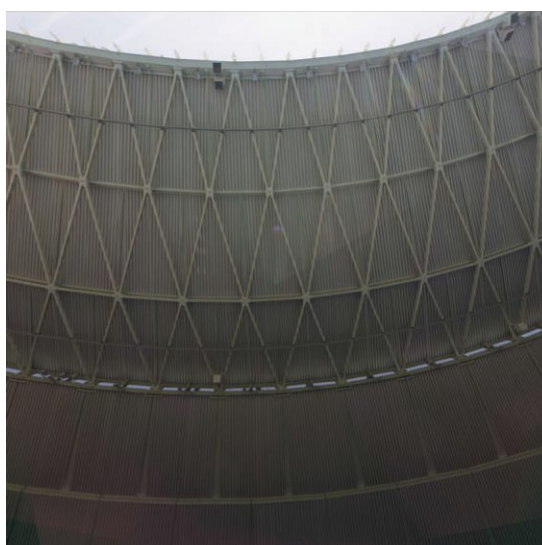
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_271_1.jpeg



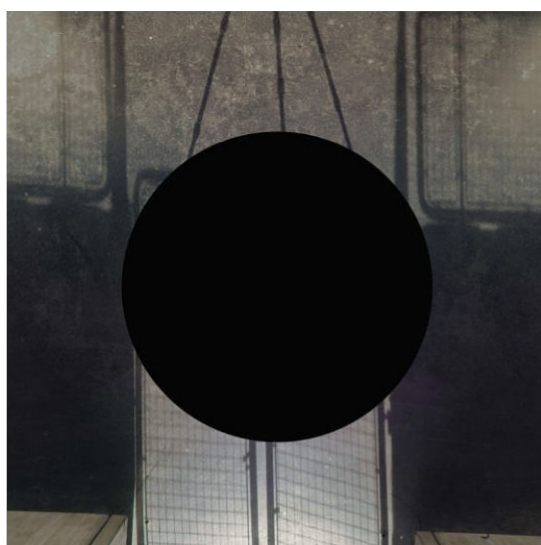
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_271_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_271_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_271_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_271_5.jpeg

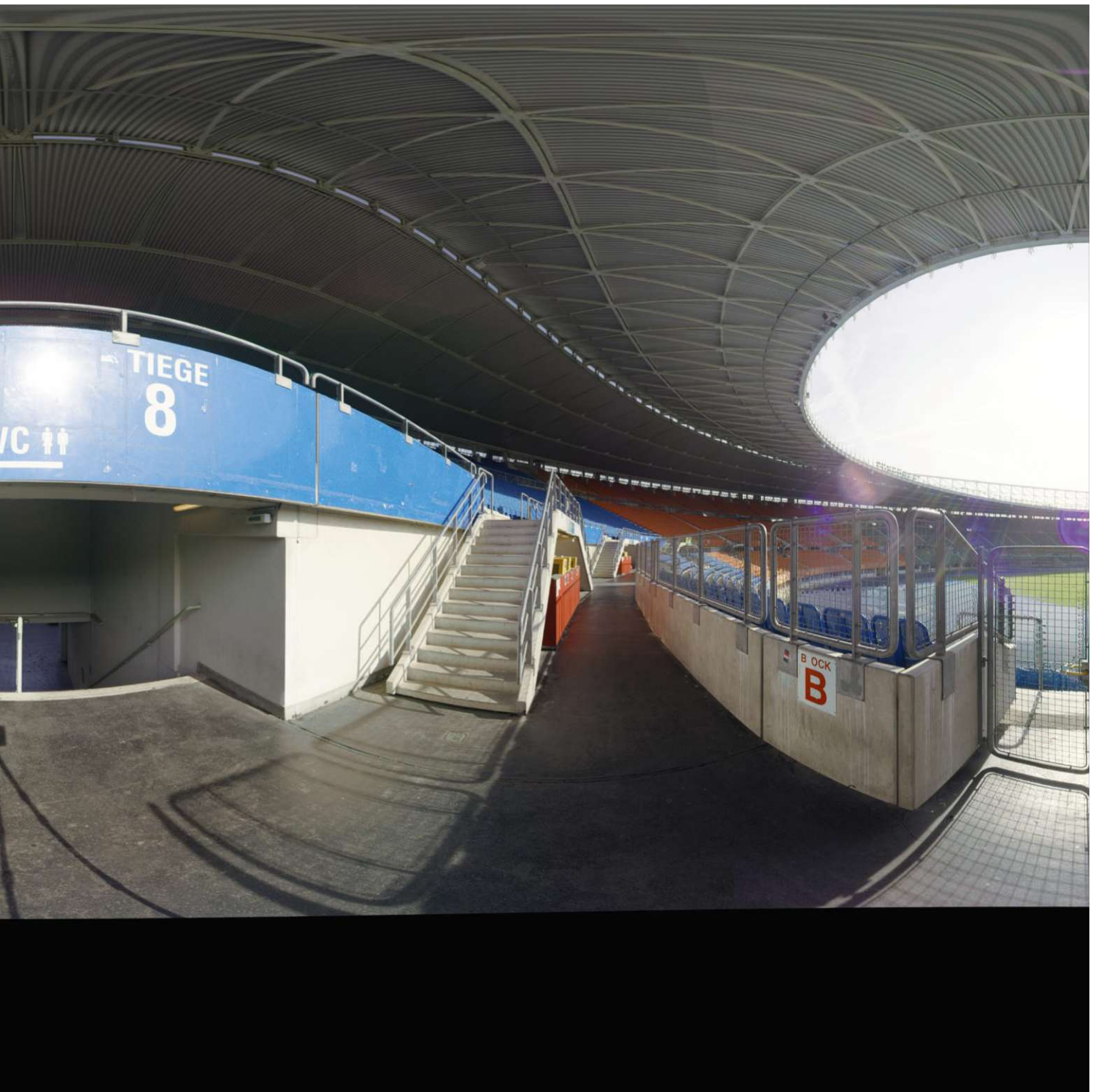
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_271.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -267763.31499$

$Y = 2677.89704$

$Z = 1790.143$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_272_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_272_1.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_272_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_272_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_272_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_272_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_272.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -275344.36798$

$Y = 2827.39075$

$Z = 2016.65612$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_273_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_273_1.jpeg



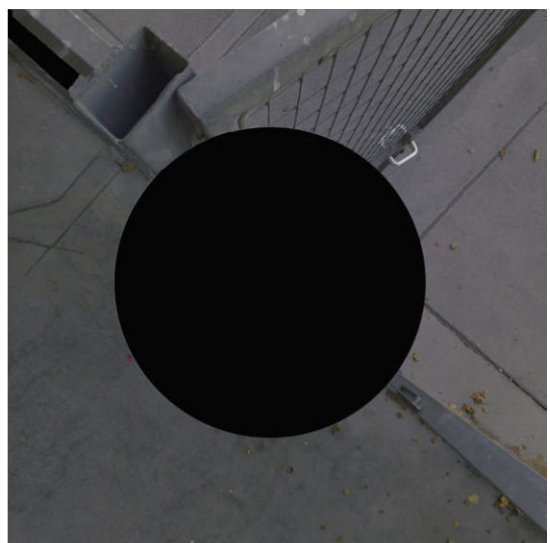
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_273_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_273_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_273_4.jpeg

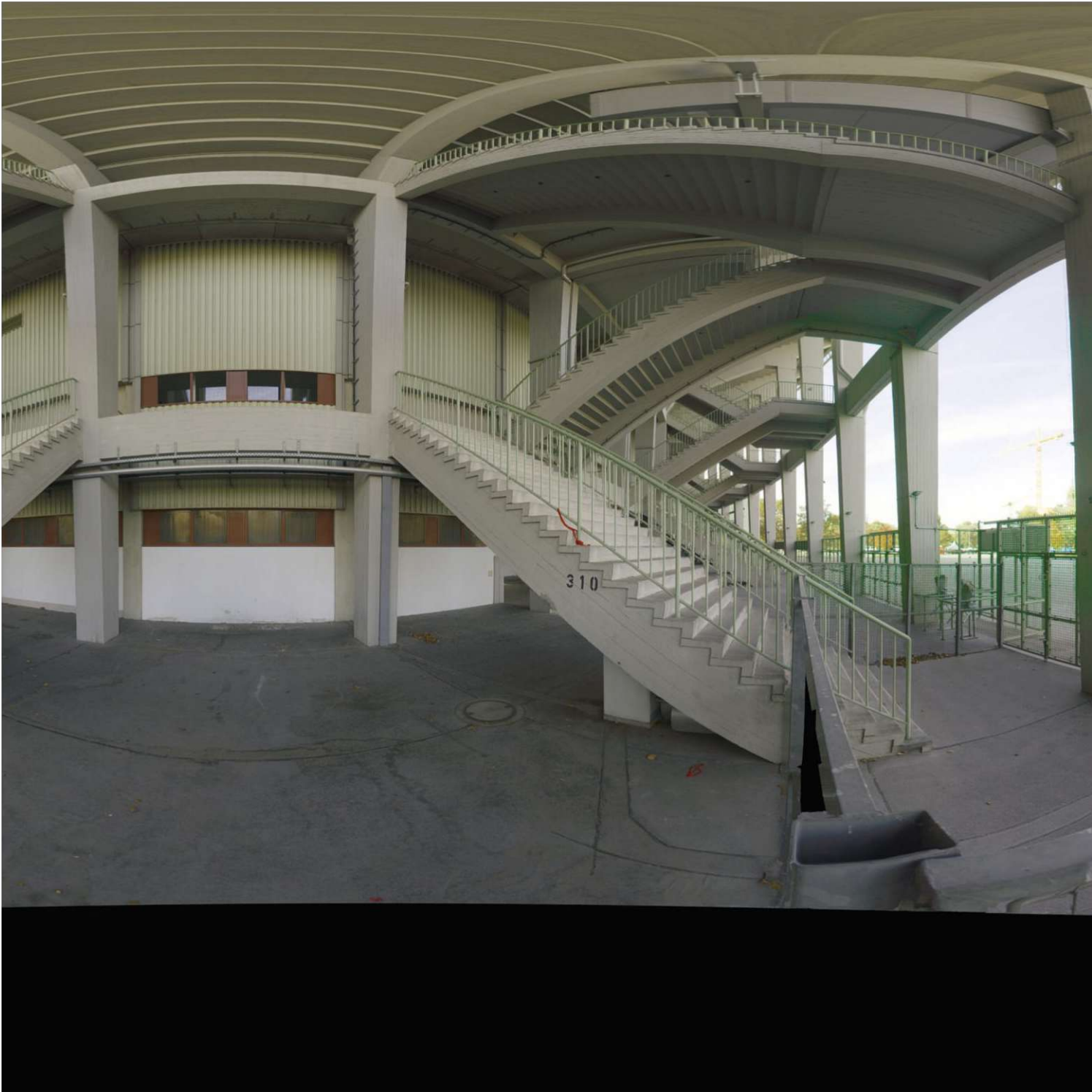


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_273_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_273.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -280297.96992

Y = 6722.50081

Z = 1988.26988



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_274_0.jpeg



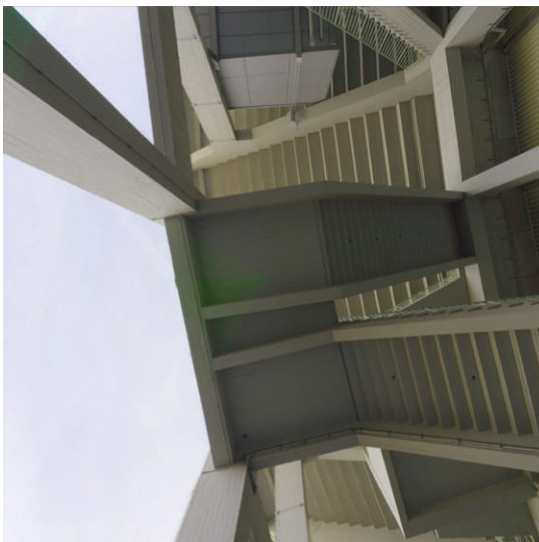
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_274_1.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_274_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_274_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_274_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_274_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN





DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -275032.58486

Y = -1038.29632

Z = 1983.11761



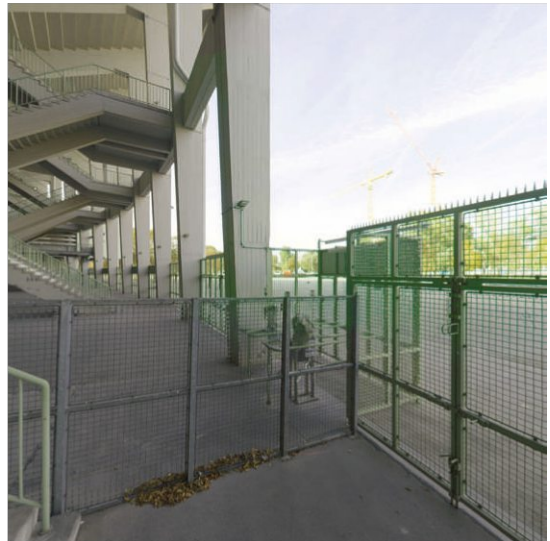
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_275_0.jpeg



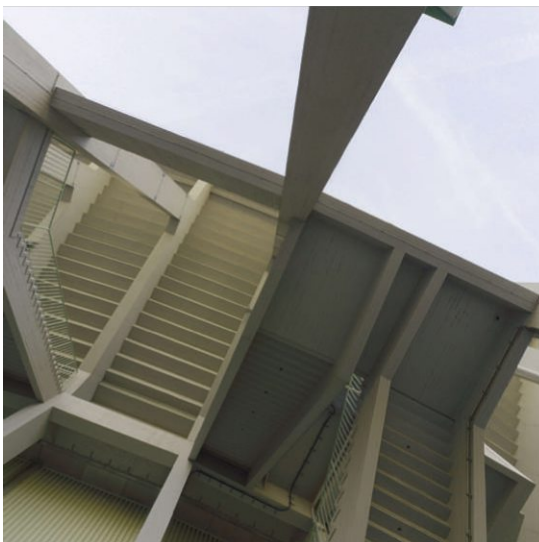
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_275_1.jpeg



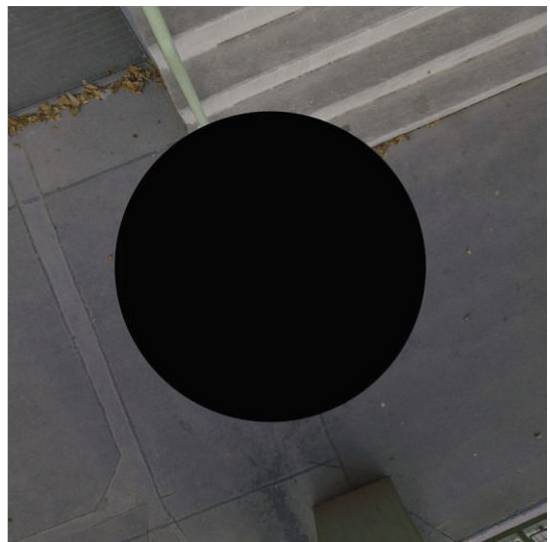
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_275_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_275_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_275_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_275_5.jpeg

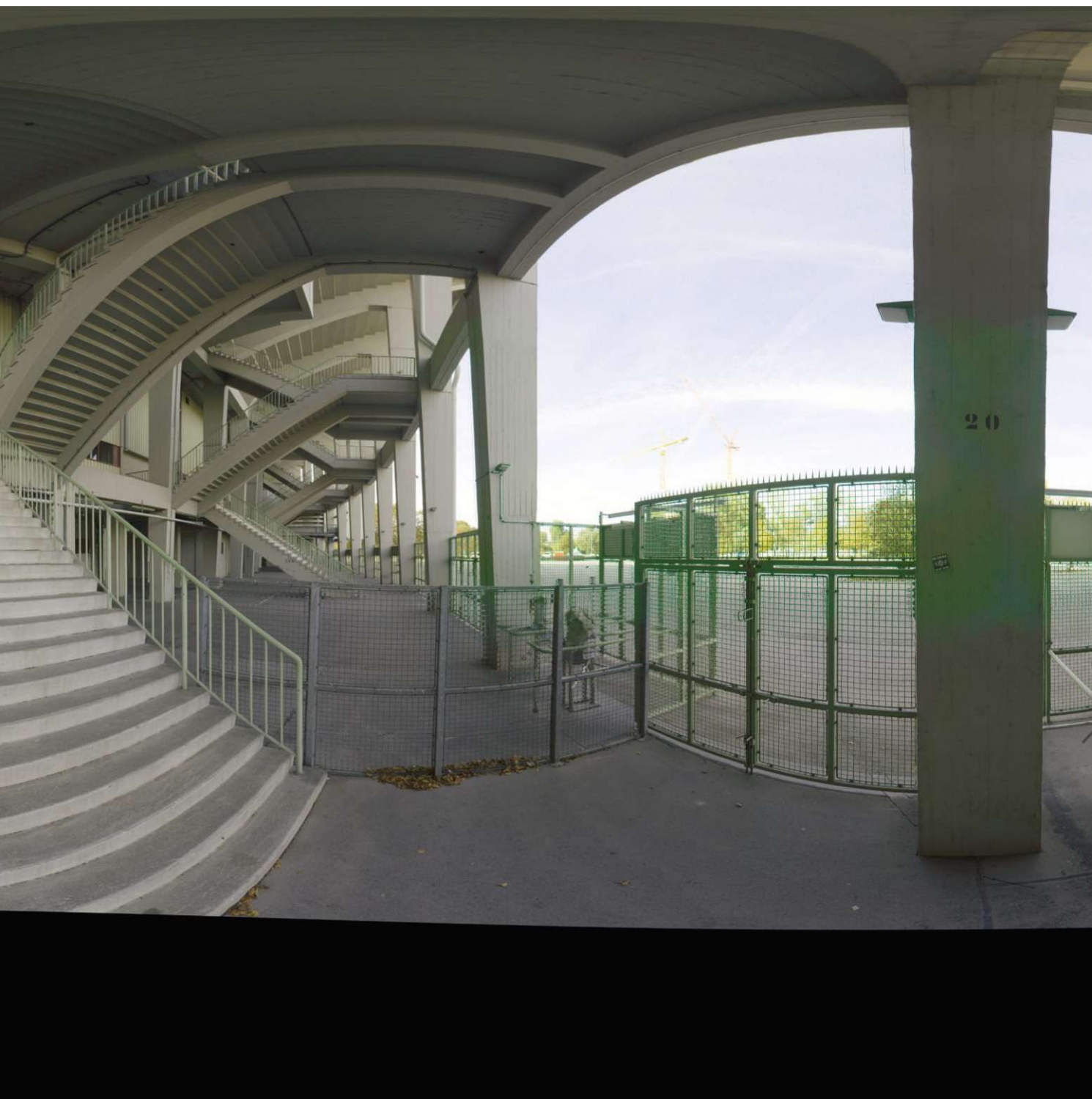
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_275.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -271192.13835

Y = 11536.14696

Z = 1993.95176



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_276_0.jpeg



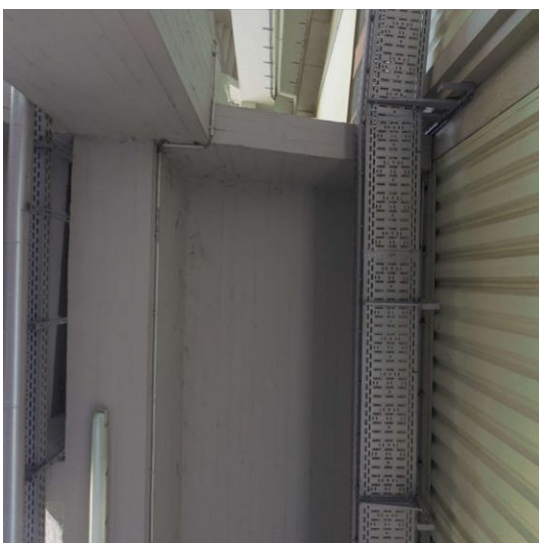
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_276_1.jpeg



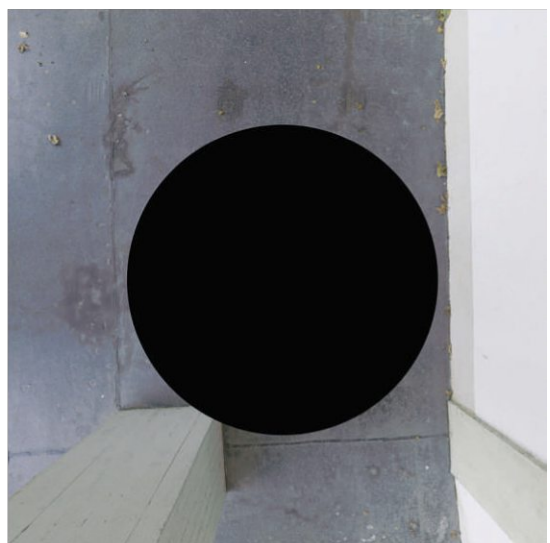
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_276_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_276_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_276_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_276_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_276.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -268697.91505$

$Y = -3045.41012$

$Z = 1909.36425$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_277_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_277_1.jpeg



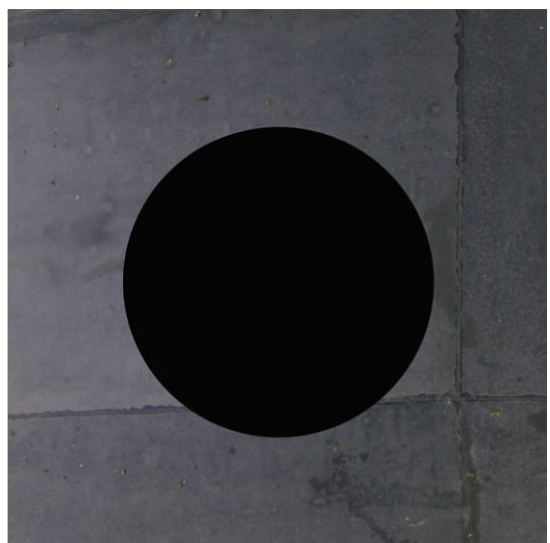
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_277_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_277_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_277_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_277_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_277.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

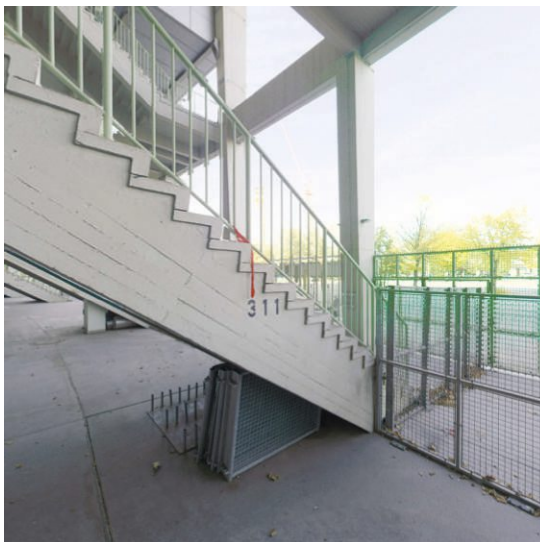
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -277060.85357

Y = 12088.48684

Z = 1954.32369



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_278_0.jpeg



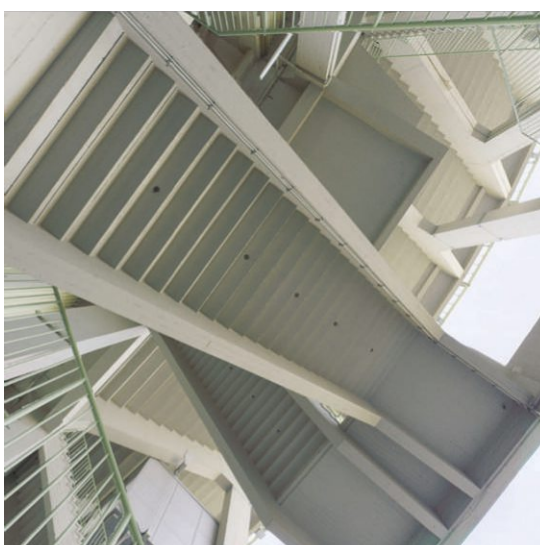
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_278_1.jpeg



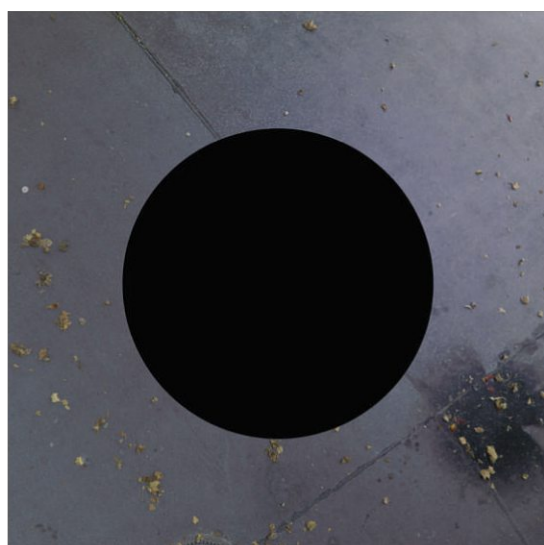
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_278_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_278_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_278_4.jpeg

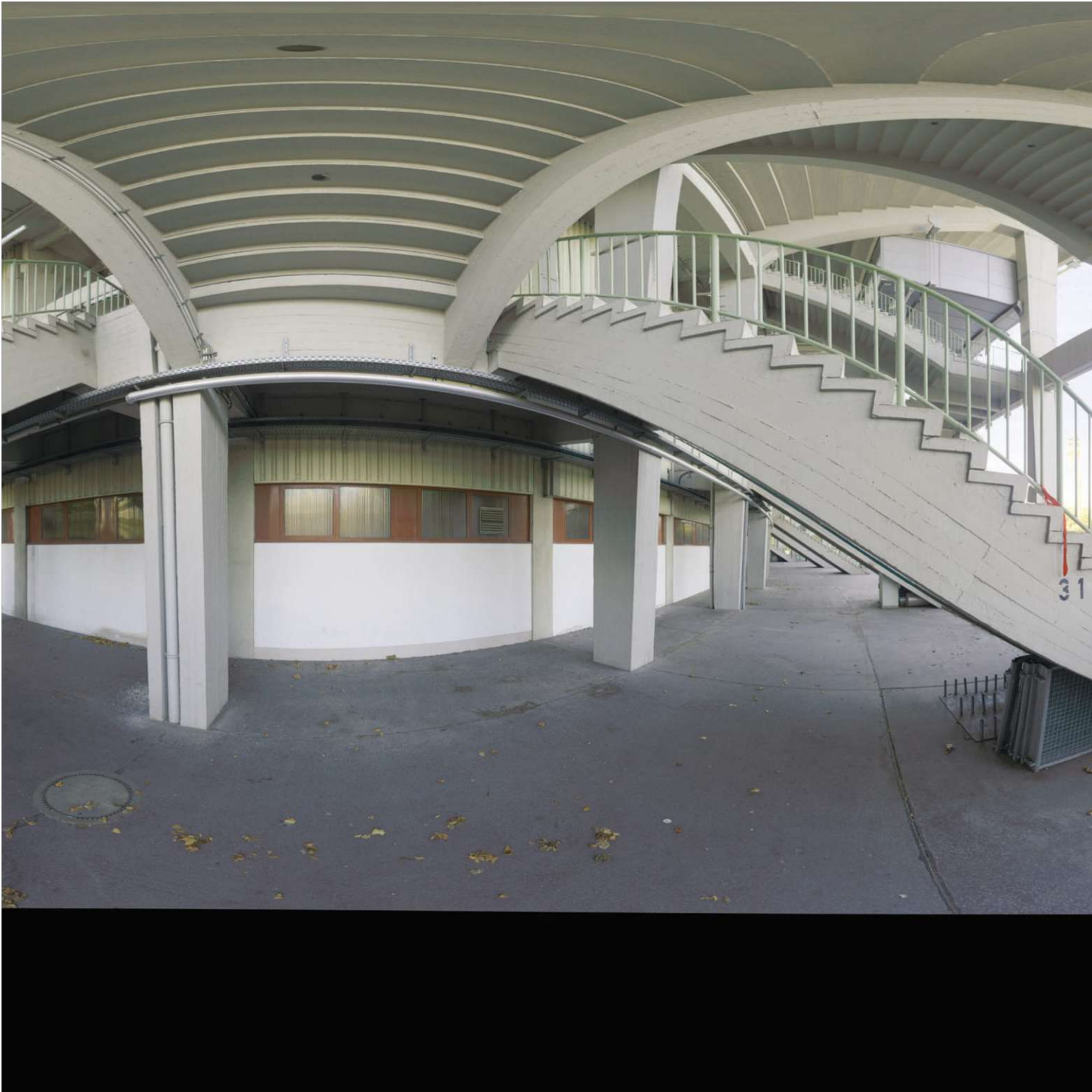


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_278_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_278.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

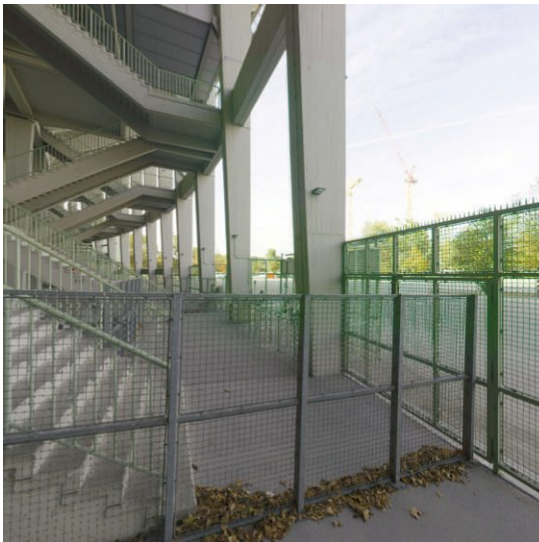
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -281409.03824$

$Y = 9885.04666$

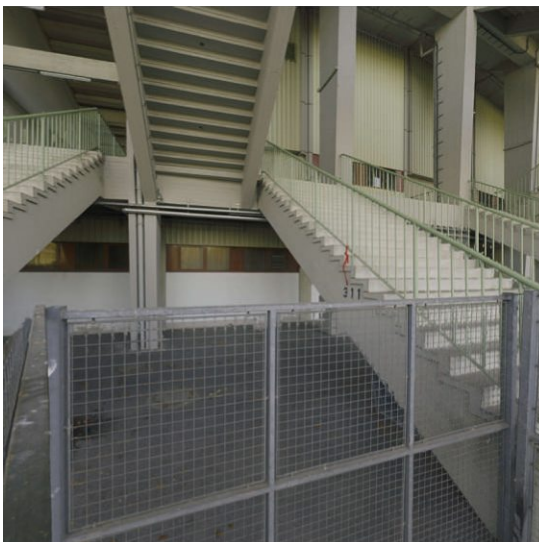
$Z = 1919.68626$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_279_0.jpeg



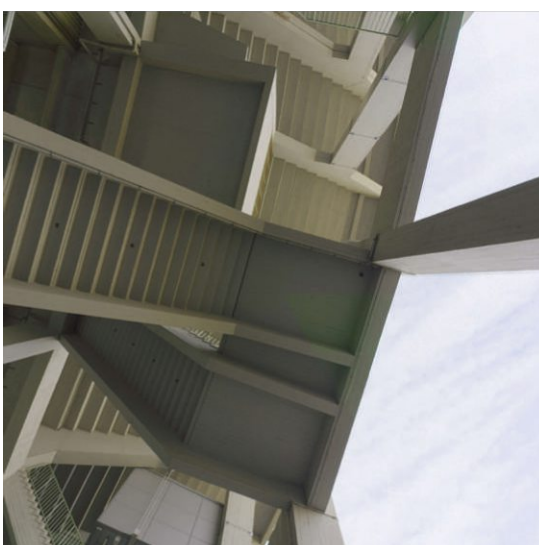
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_279_1.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_279_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_279_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_279_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_279_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_279.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

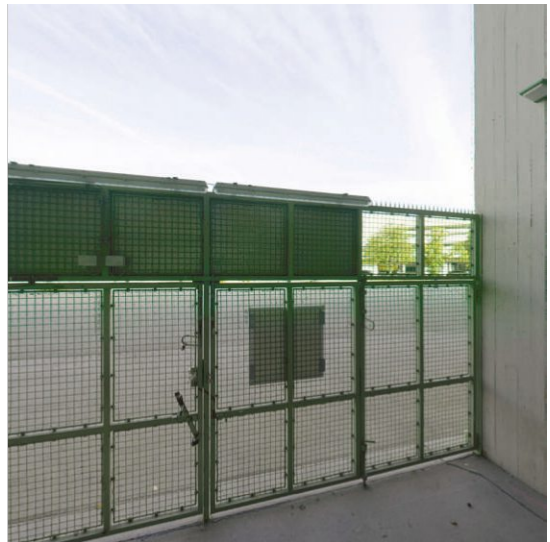
$X = -284416.92074$

$Y = 13852.48825$

$Z = 1900.11236$



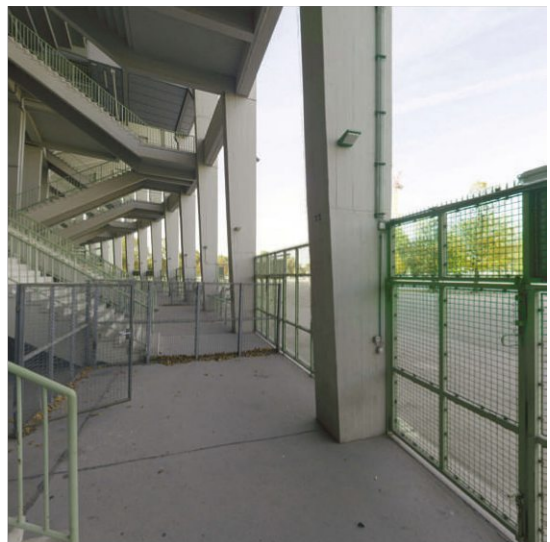
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_280_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_280_1.jpeg



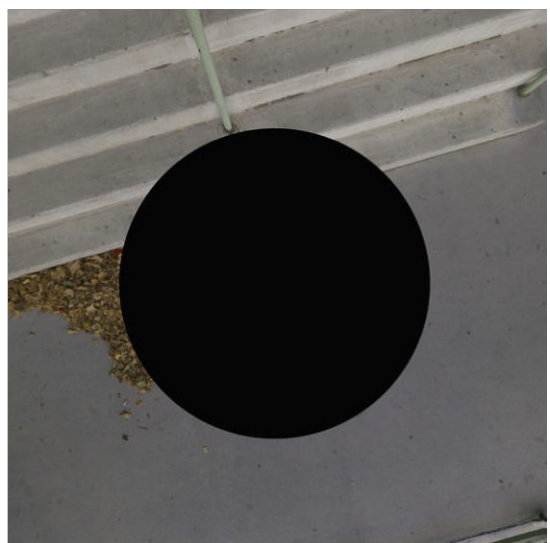
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_280_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_280_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_280_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_280_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_280.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -279739.03628

Y = 16243.79694

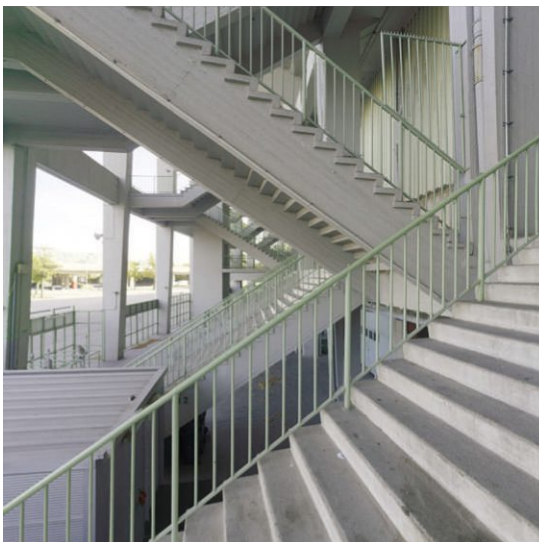
Z = 4651.34664



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_281_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_281_1.jpeg



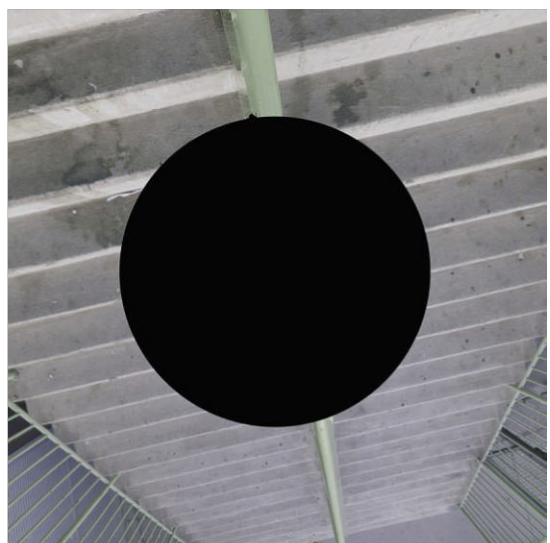
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_281_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_281_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_281_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_281_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_281.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -274740.5861$

$Y = 18651.5851$

$Z = 7406.65296$



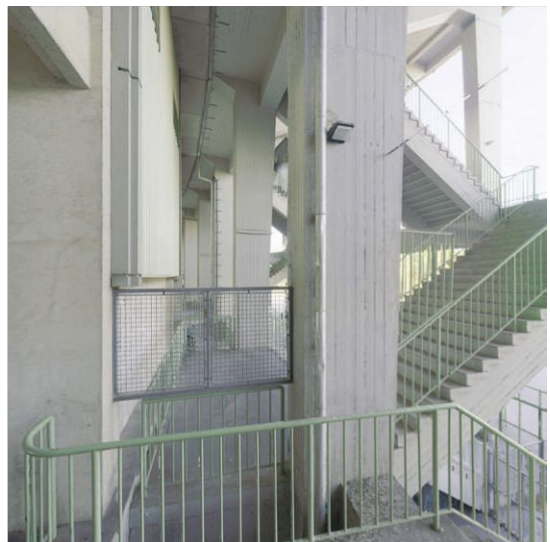
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_282_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_282_1.jpeg



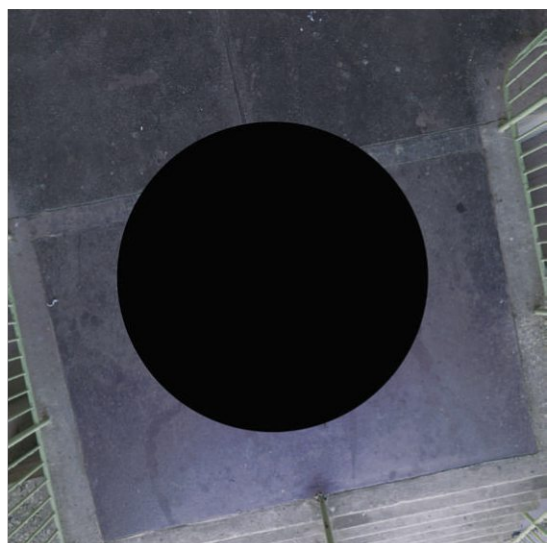
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_282_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_282_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_282_4.jpeg

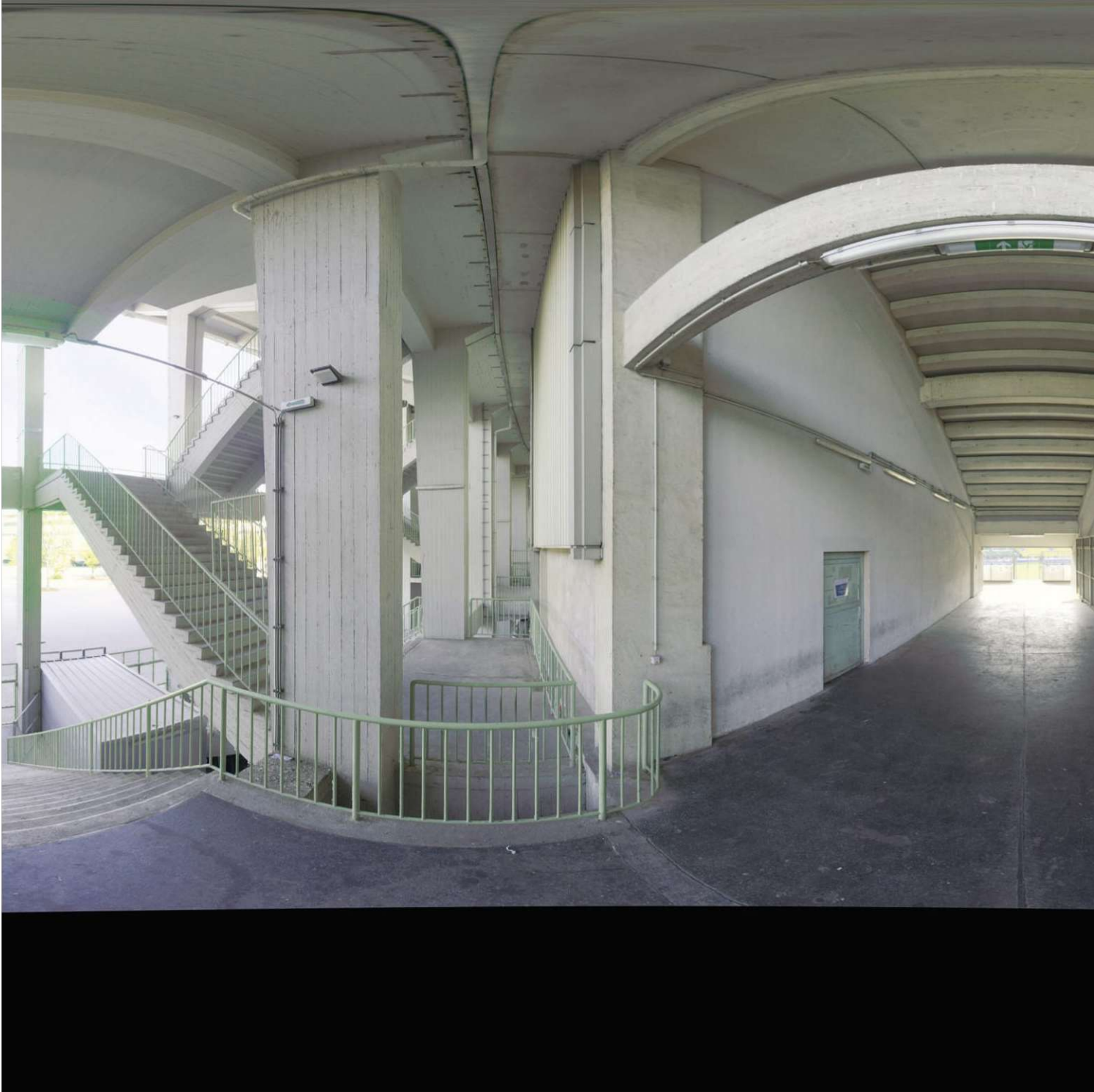


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_282_5.jpeg

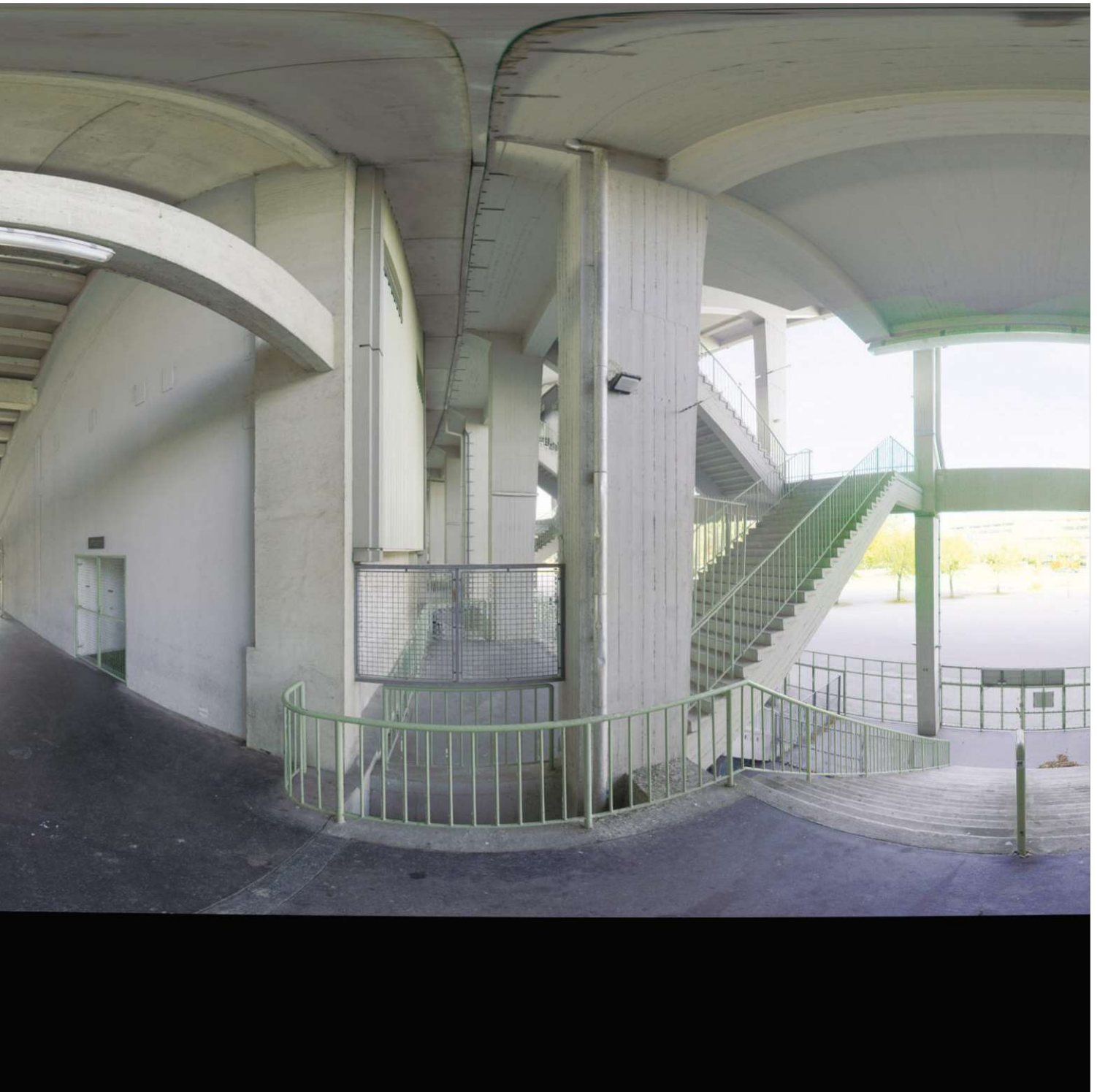
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_282.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

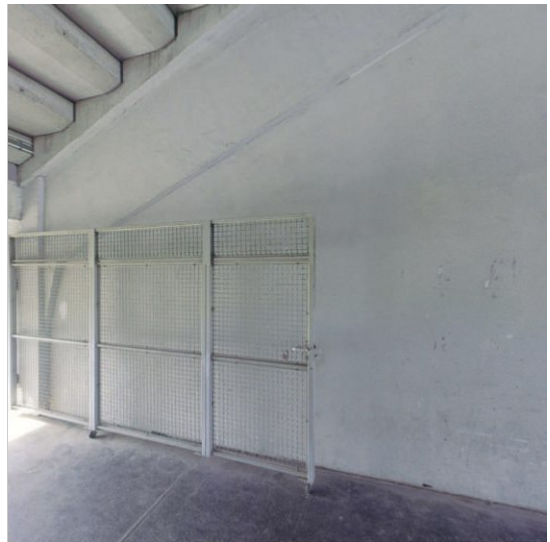
$X = -265570.6229$

$Y = 23454.44427$

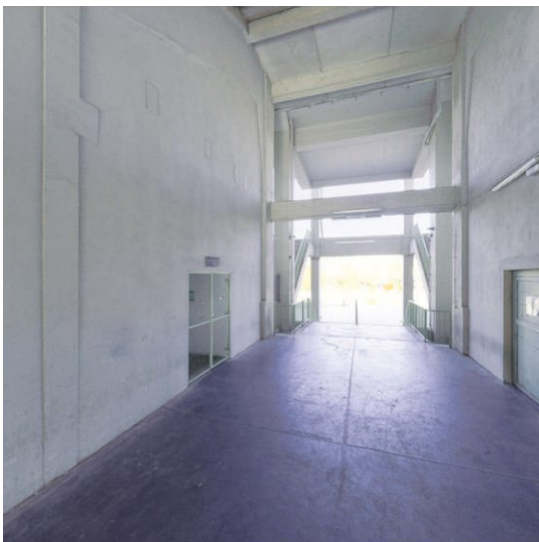
$Z = 7229.83989$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_283_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_283_1.jpeg



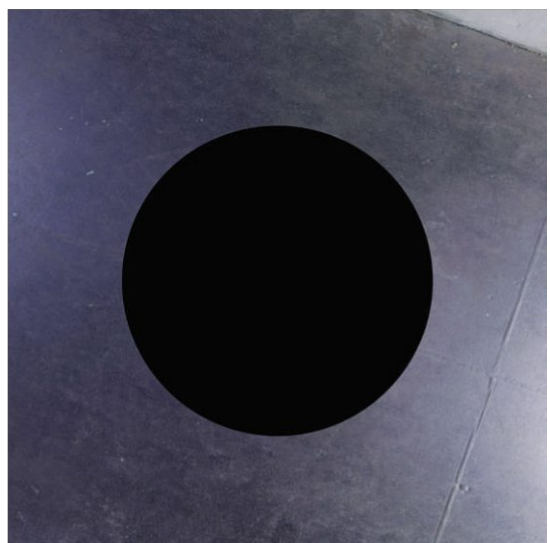
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_283_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_283_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_283_4.jpeg

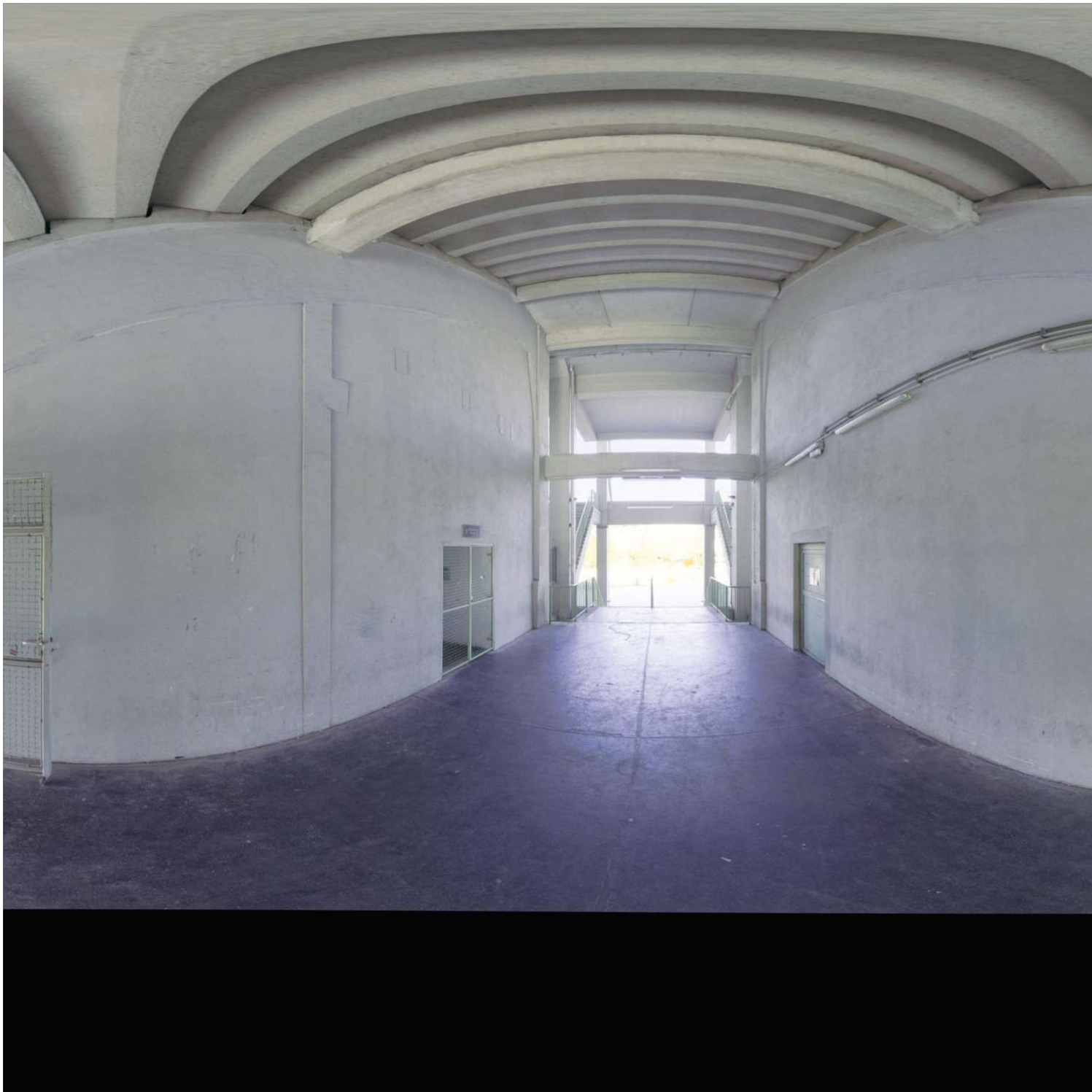


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_283_5.jpeg

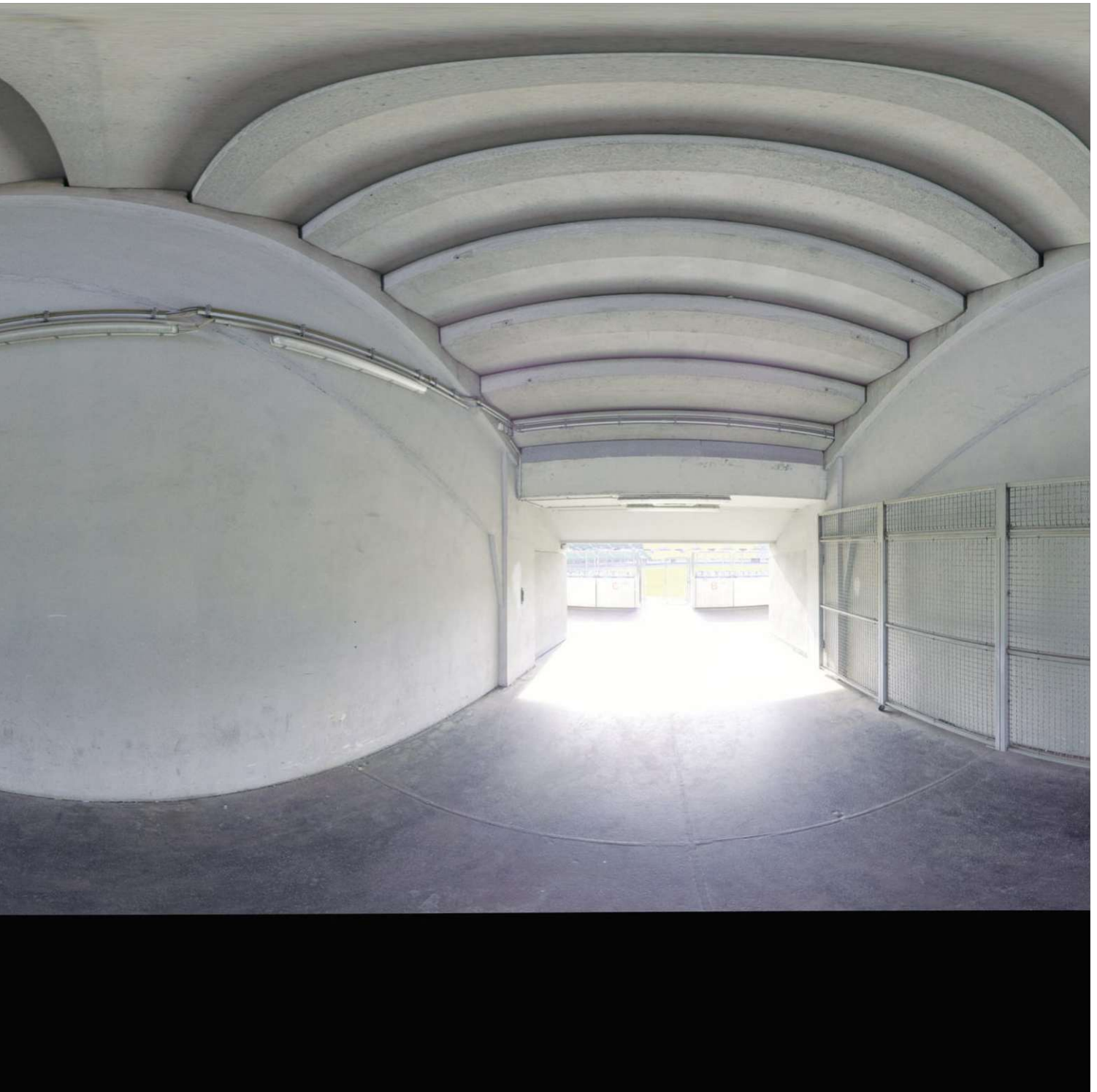
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_283.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

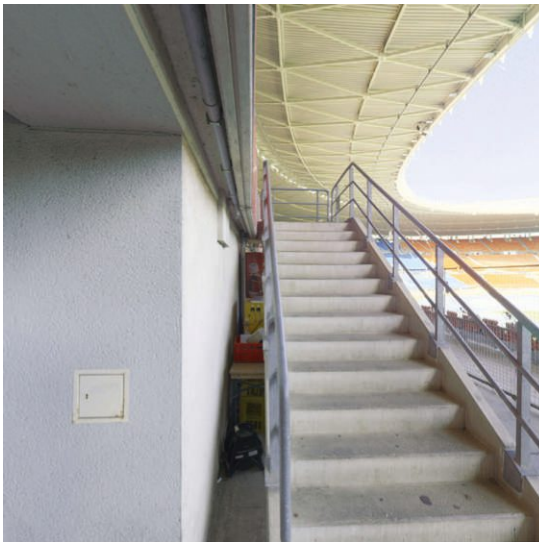
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -171660.1949

Y = -19936.78826

Z = 6793.70161



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_284_0.jpeg



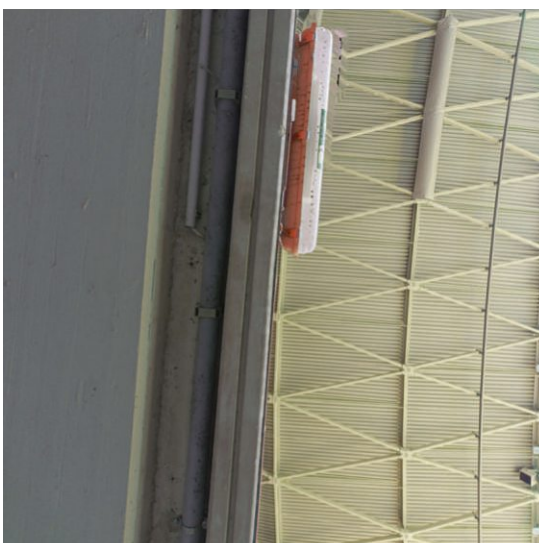
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_284_1.jpeg



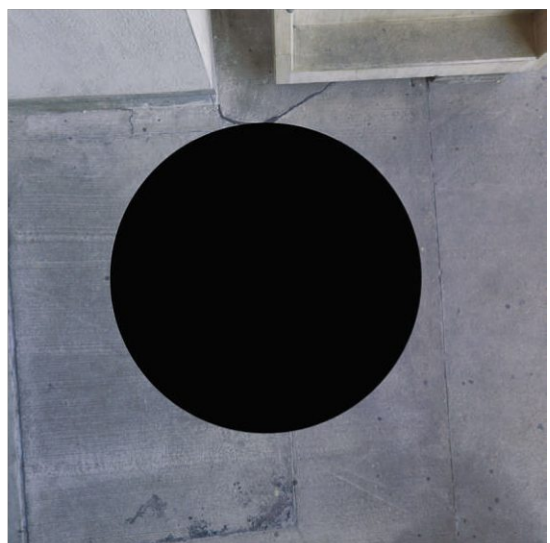
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_284_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_284_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_284_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_284_5.jpeg

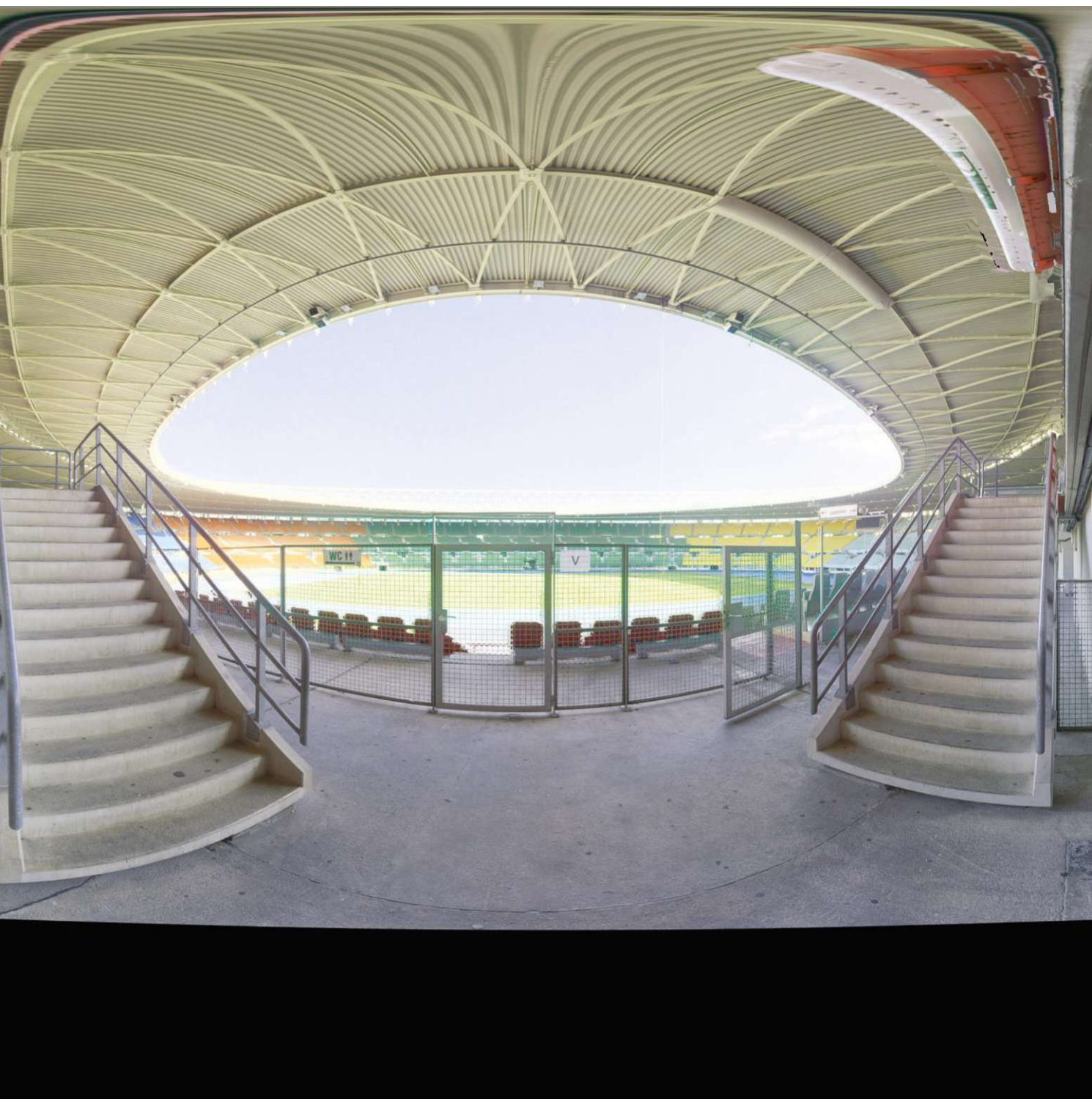
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_284.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -192589.7404

Y = -17044.20256

Z = 6786.87814



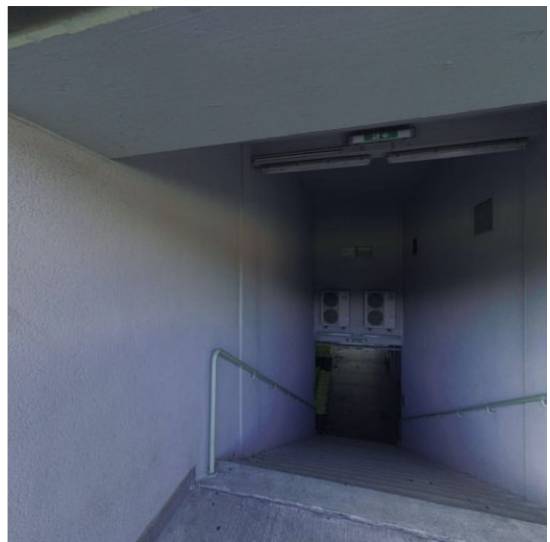
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_285_0.jpeg



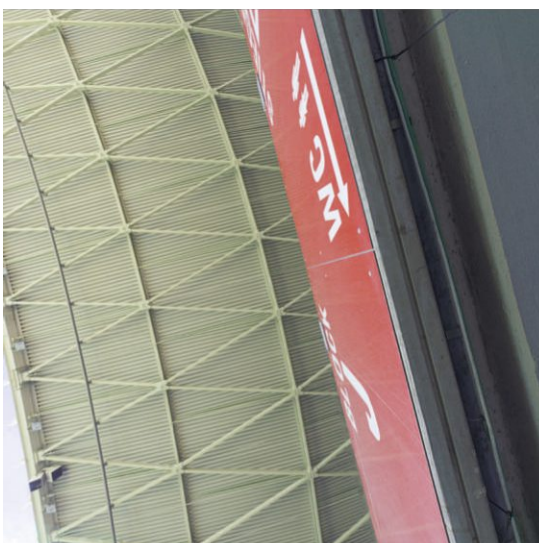
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_285_1.jpeg



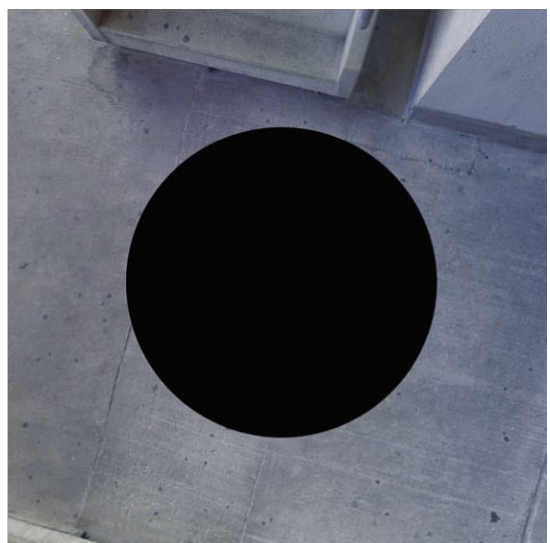
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_285_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_285_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_285_4.jpeg

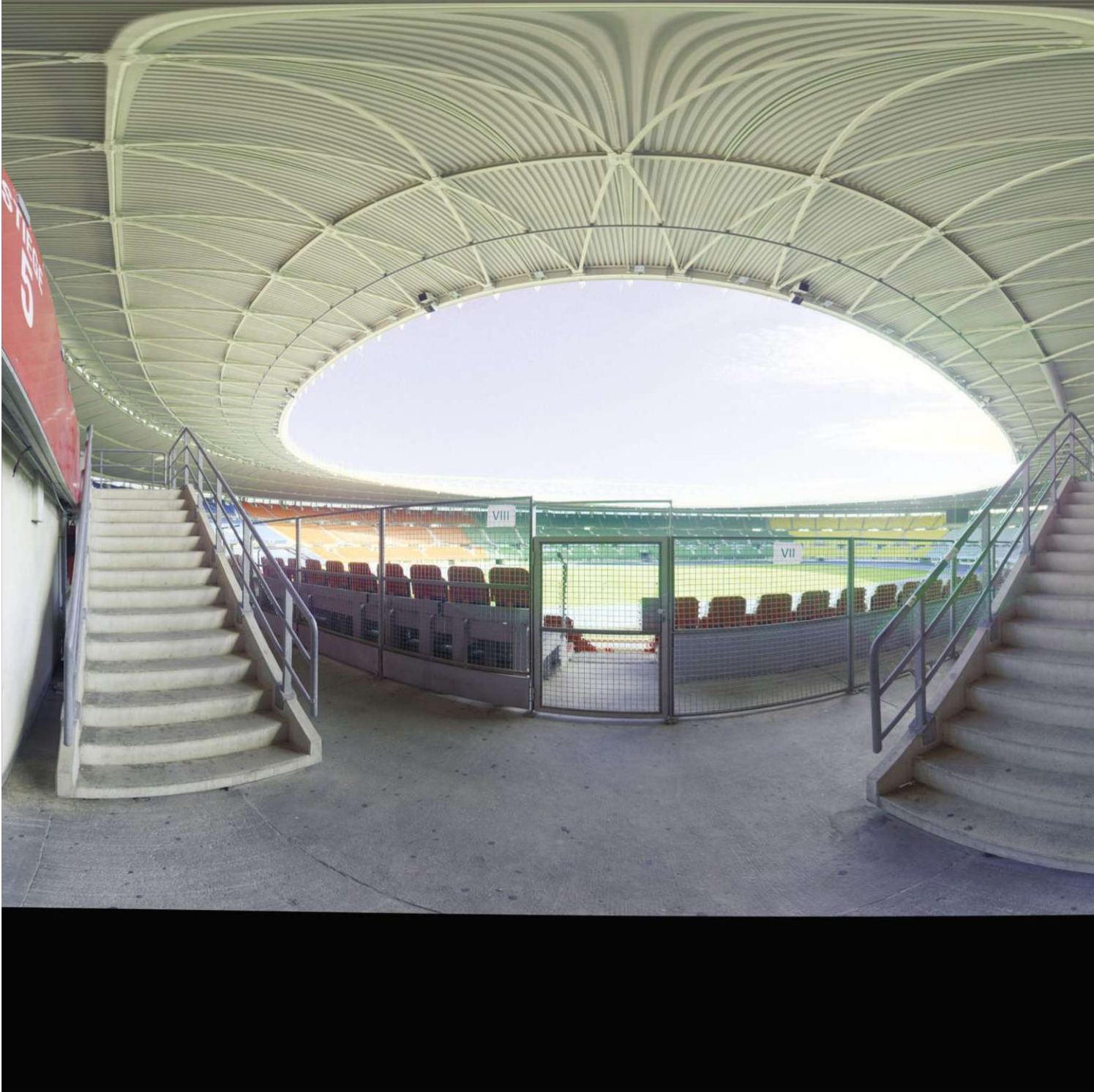


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_285_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_285.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -213732.31658

Y = -11529.38953

Z = 6564.81429



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_286_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_286_1.jpeg



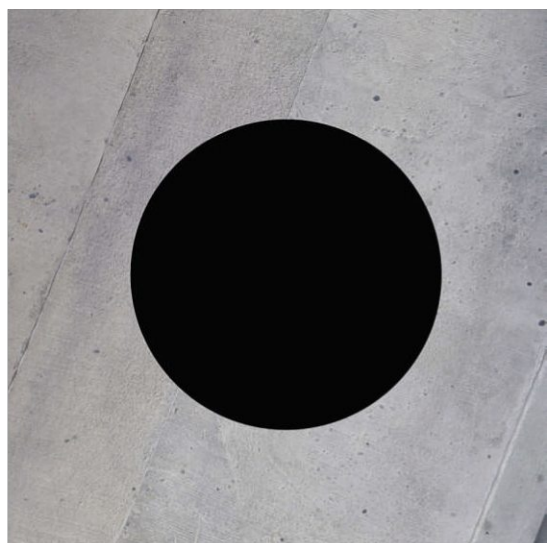
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_286_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_286_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_286_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_286_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_286.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

X = -262652.40136

Y = 24276.96451

Z = 6664.81455



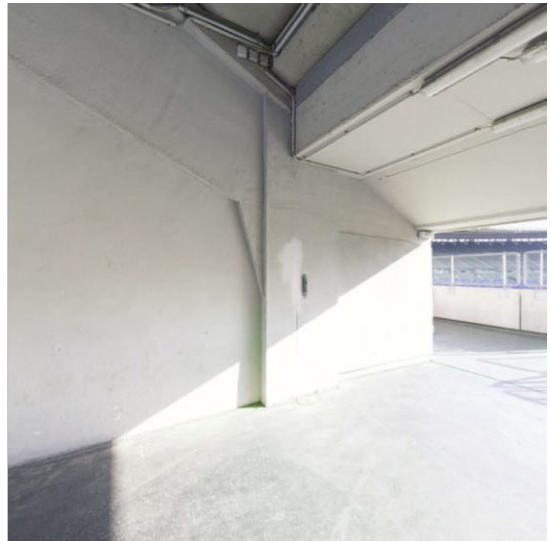
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_287_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_287_1.jpeg



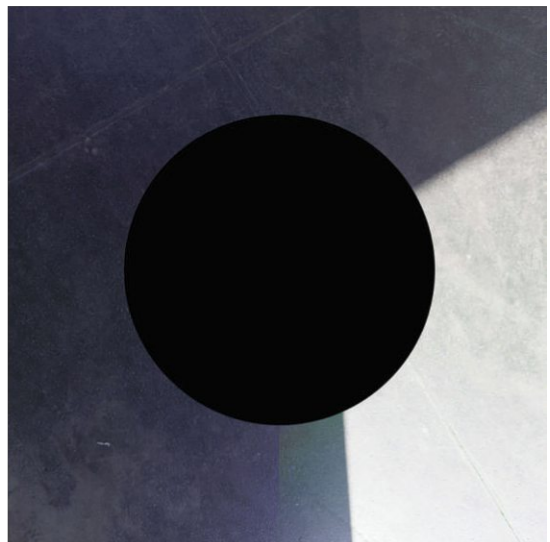
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_287_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_287_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_287_4.jpeg

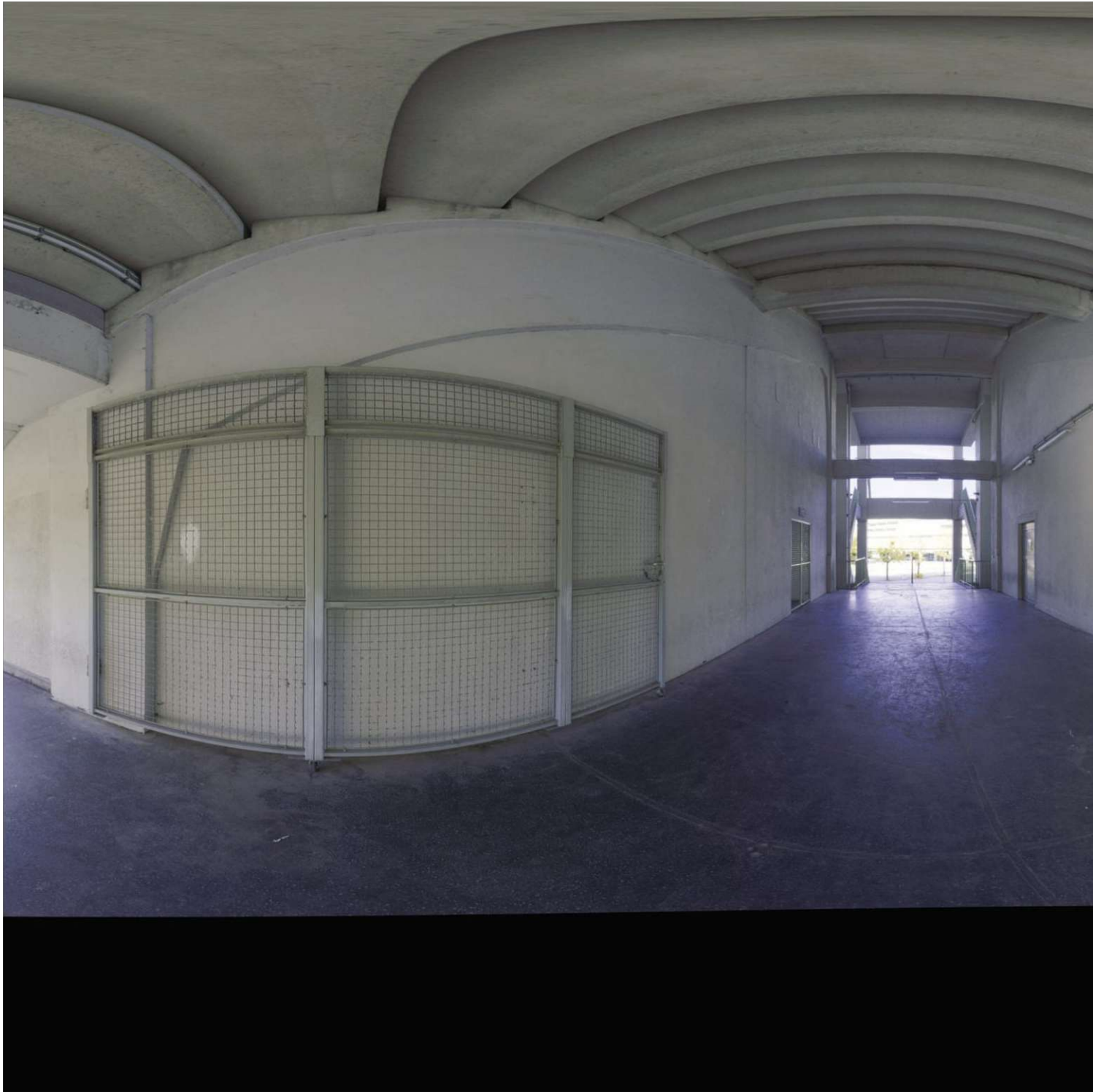


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_287_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_287.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

$X = -257682.40118$

$Y = 27266.35284$

$Z = 6652.15318$



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_288_0.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_288_1.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_288_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_288_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_288_4.jpeg

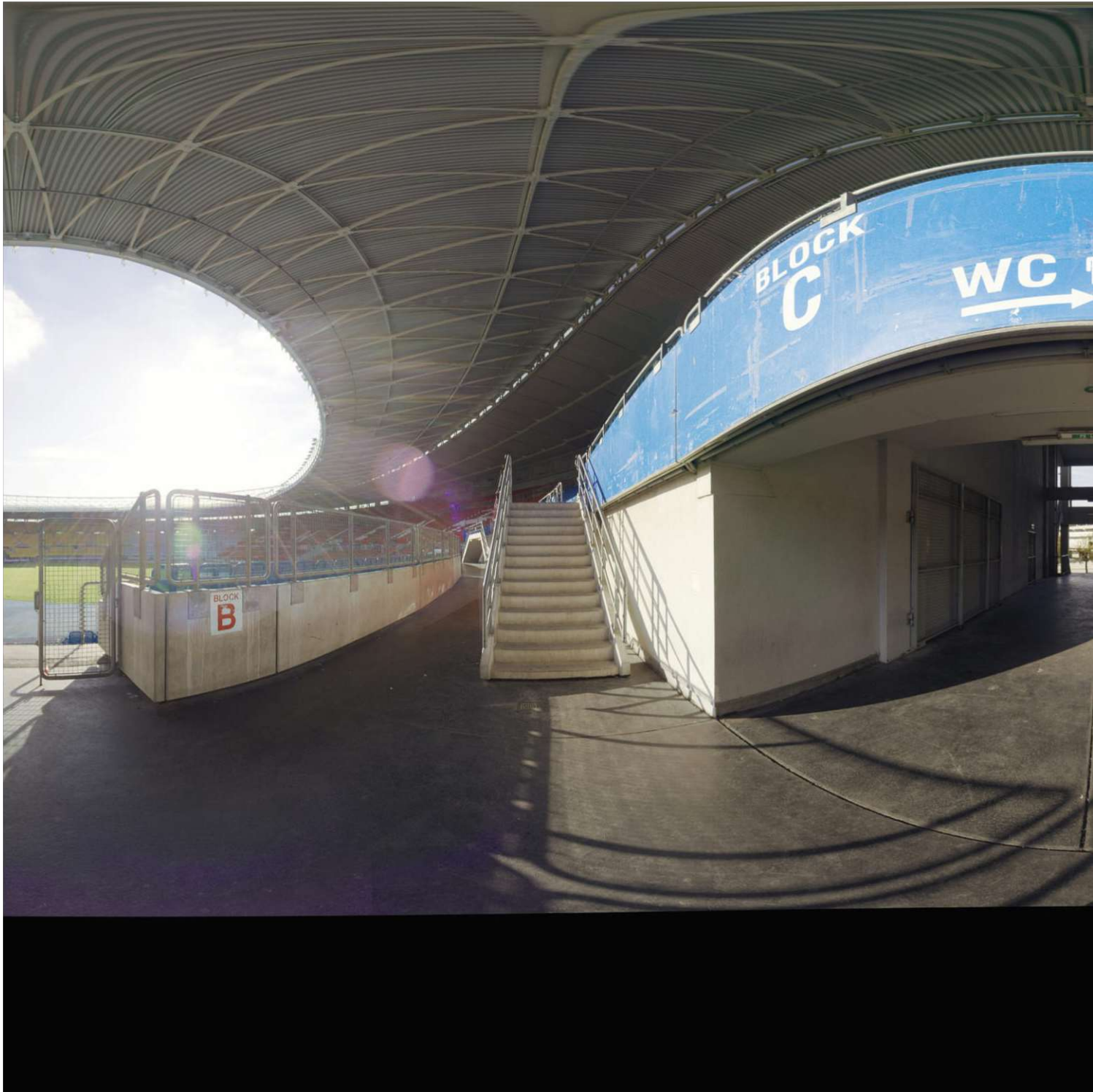


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_288_5.jpeg

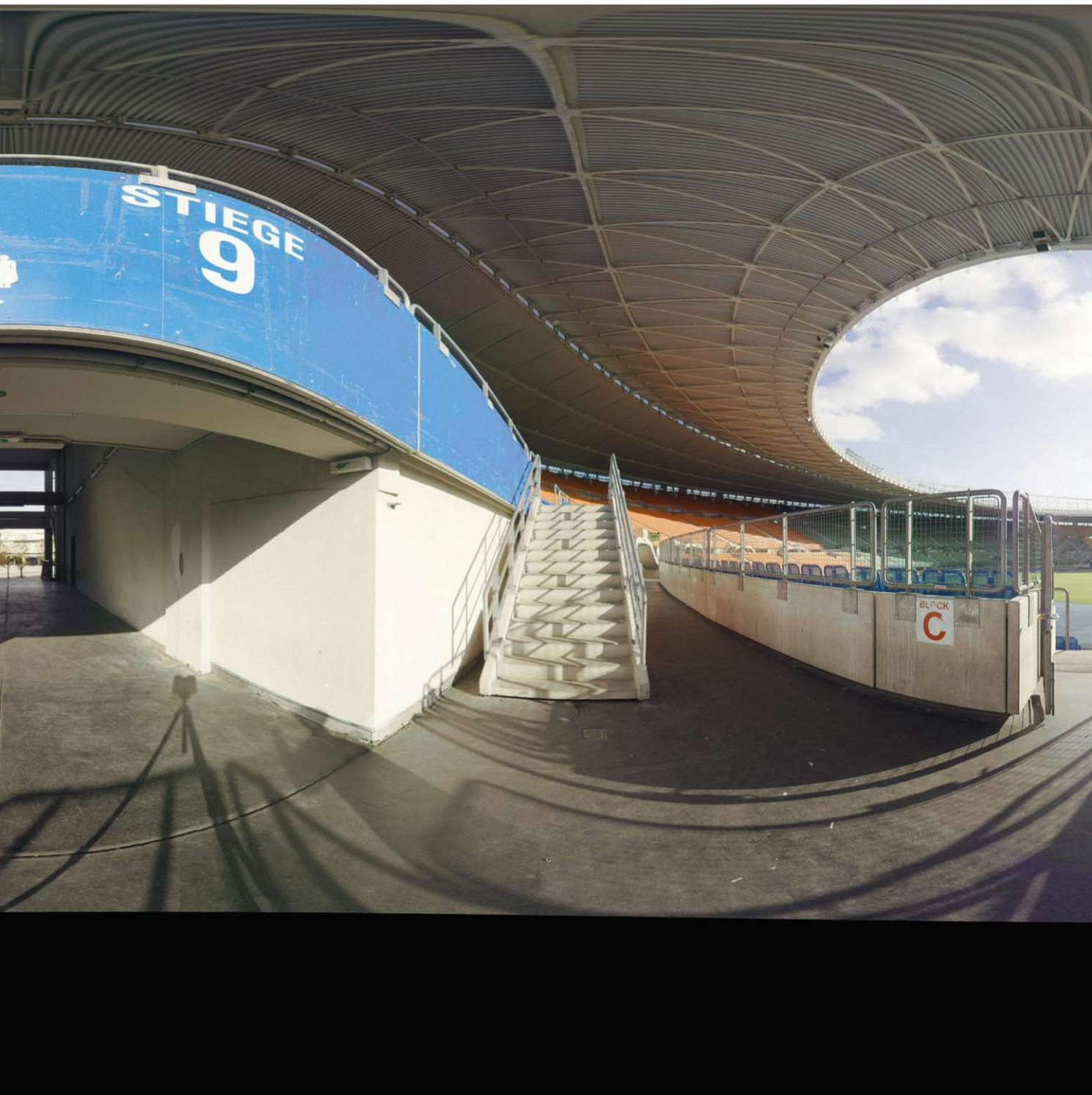
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_288.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

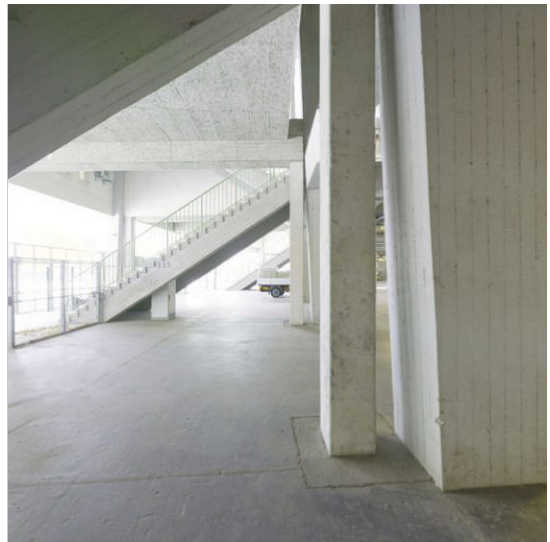
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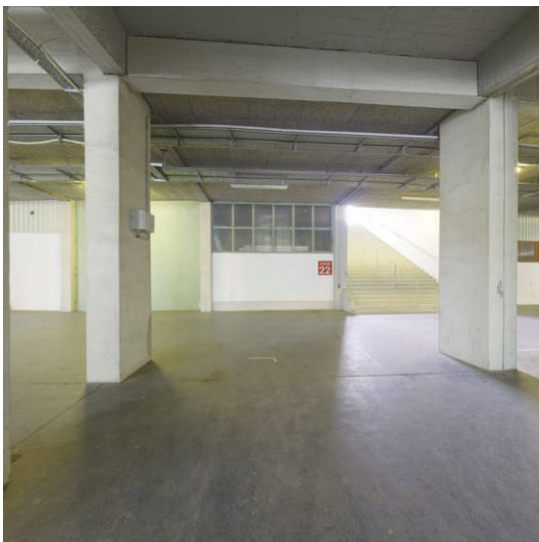
$Z = 1396.37199$



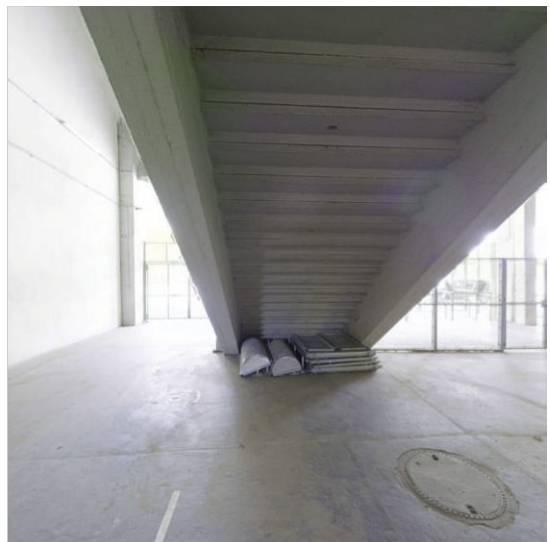
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X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_289_1.jpeg



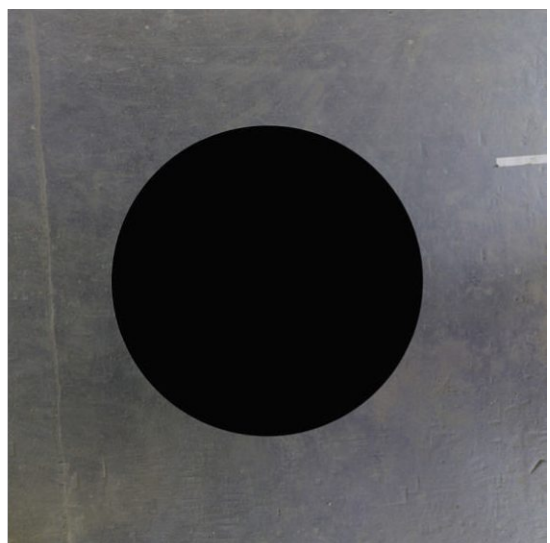
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_289_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_289_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_289_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_289_5.jpeg

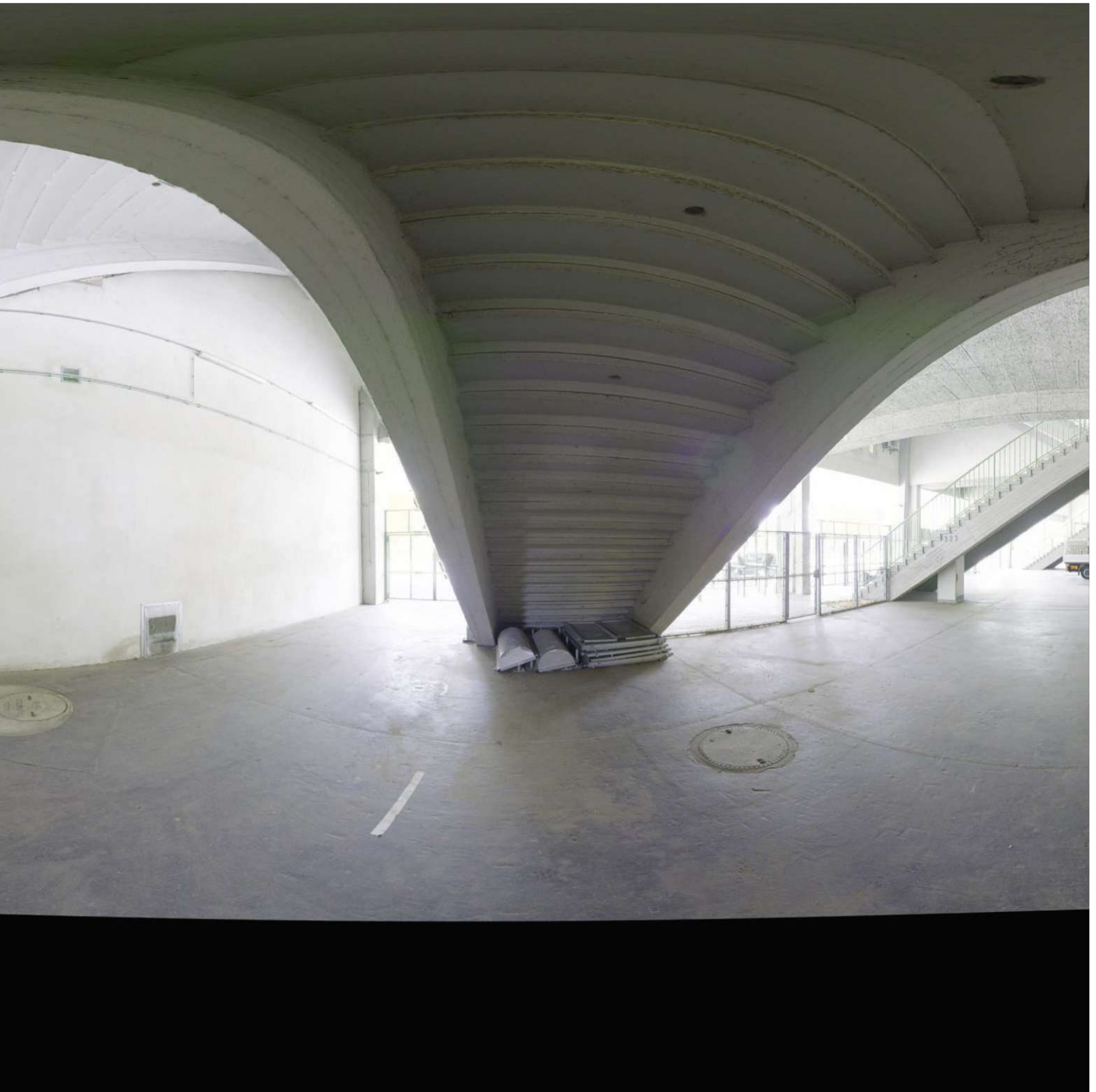
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_289.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

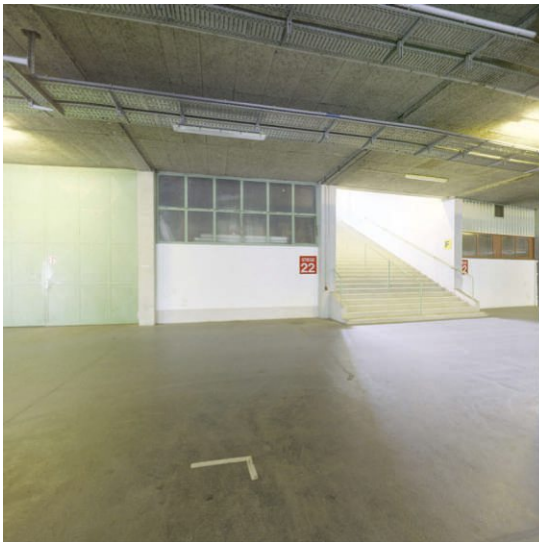
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

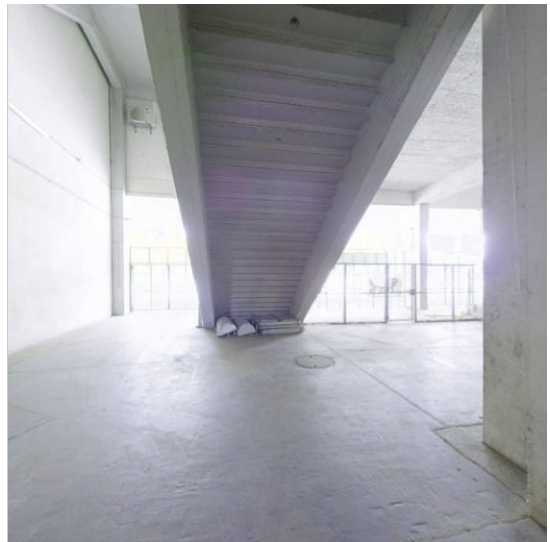
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Y = 109349.01085

Z = 1423.0148



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_290_0.jpeg



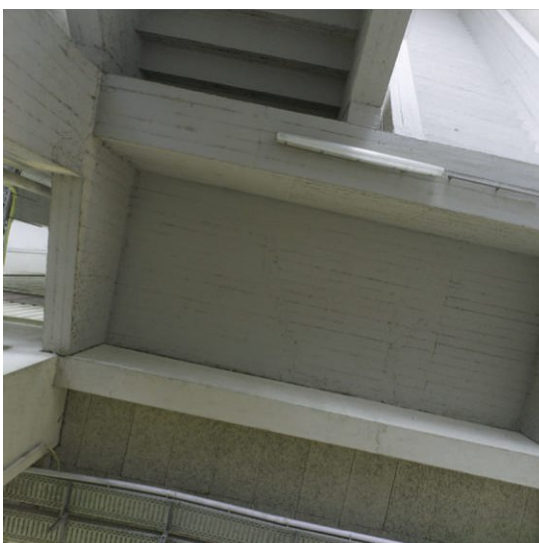
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_290_1.jpeg



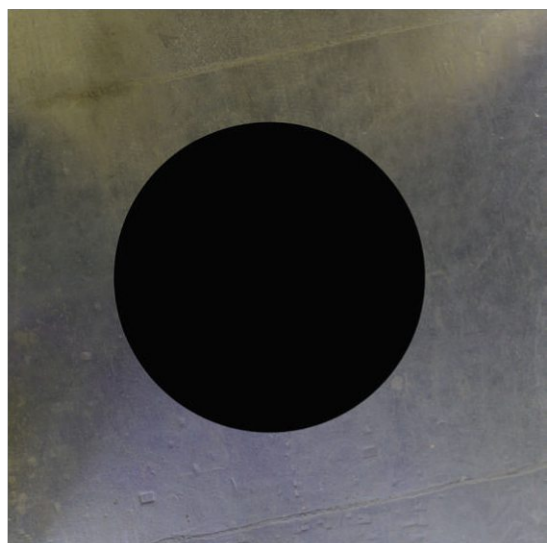
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_290_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_290_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_290_4.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_290_5.jpeg

DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_290.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN

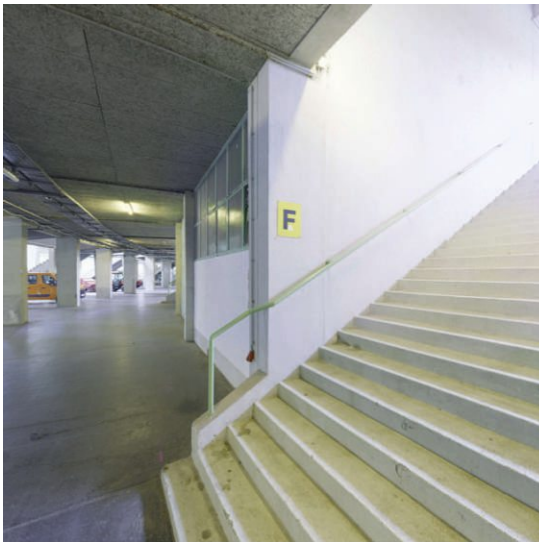
Standpunkt Messung | Koordinaten

3DReshaper camera external parameters

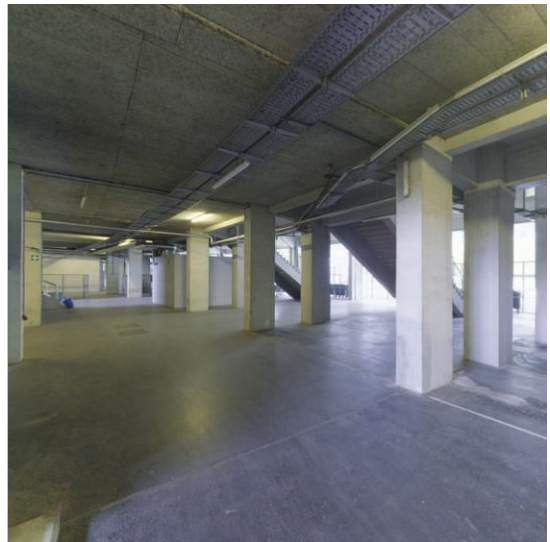
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Y = 110064.96338

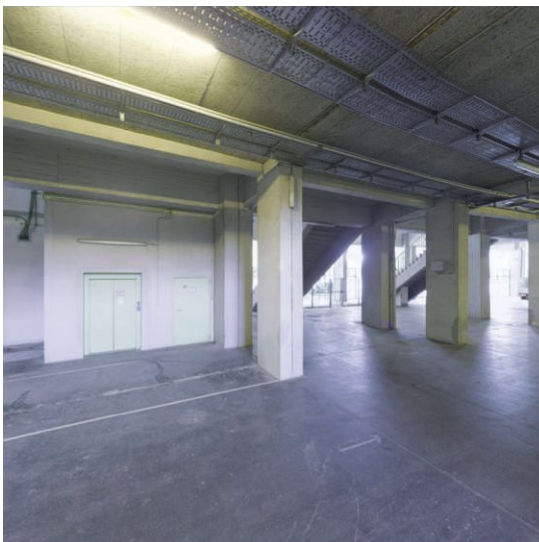
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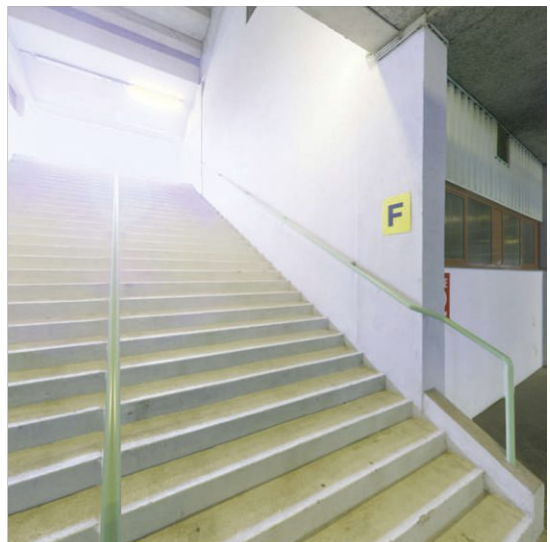
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_291_0.jpeg



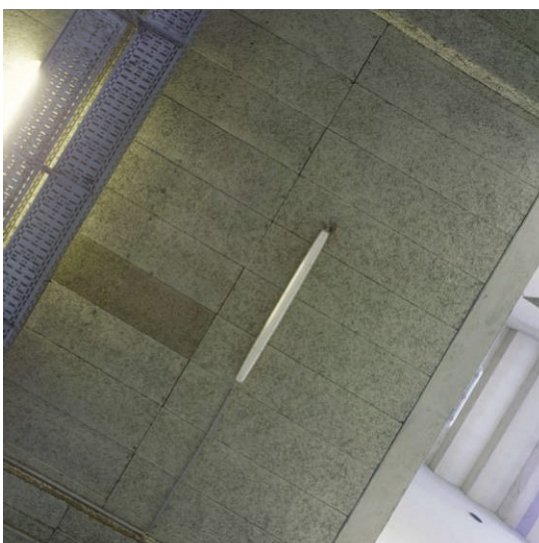
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_291_1.jpeg



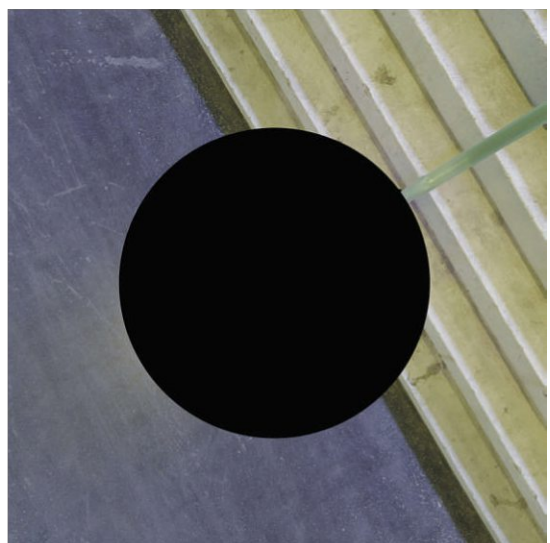
X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_291_2.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_291_3.jpeg



X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_291_4.jpeg

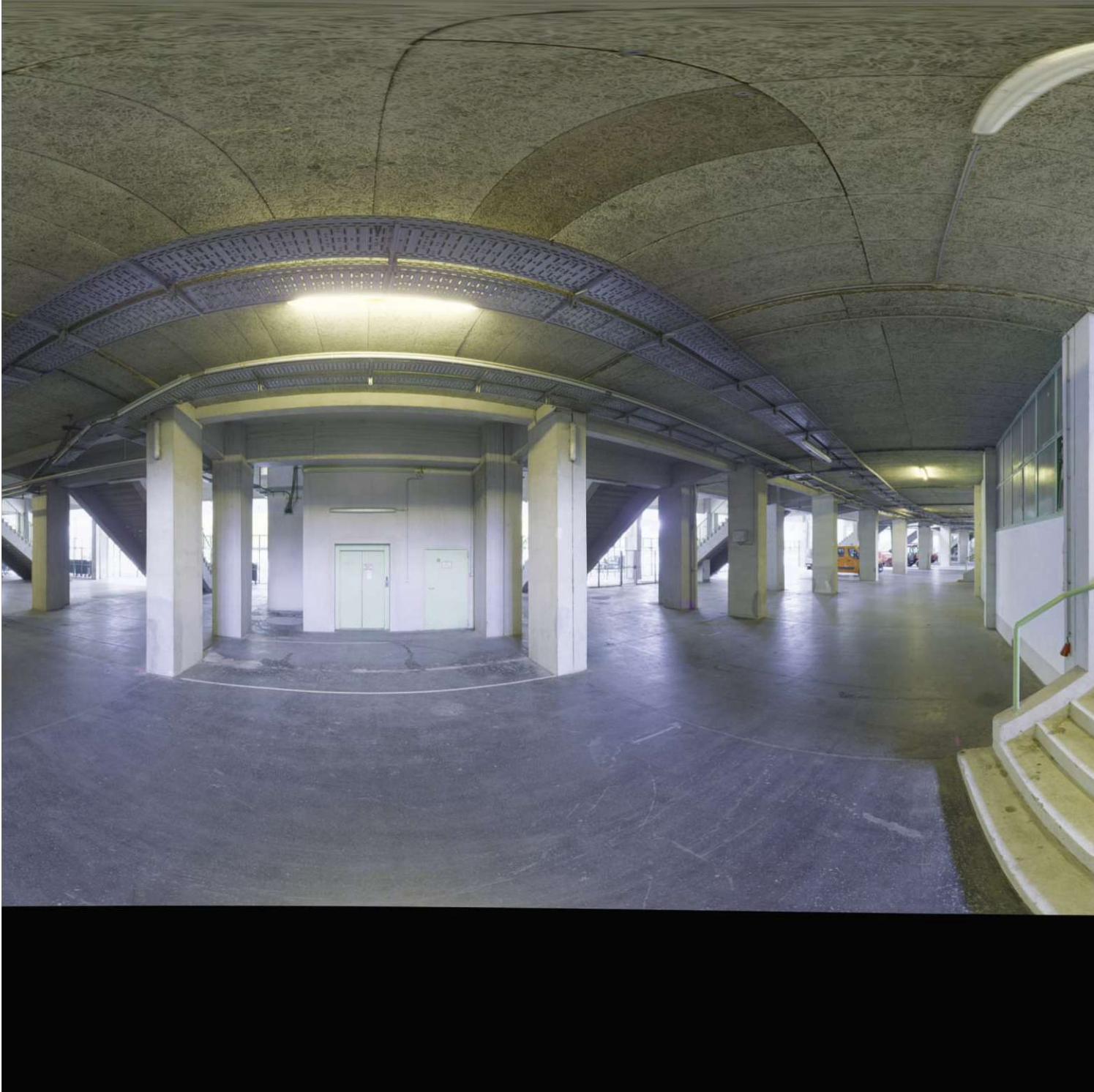


X_02_EHS_ARKADEN_19122023_02_EHS_ARKADEN_291_5.jpeg

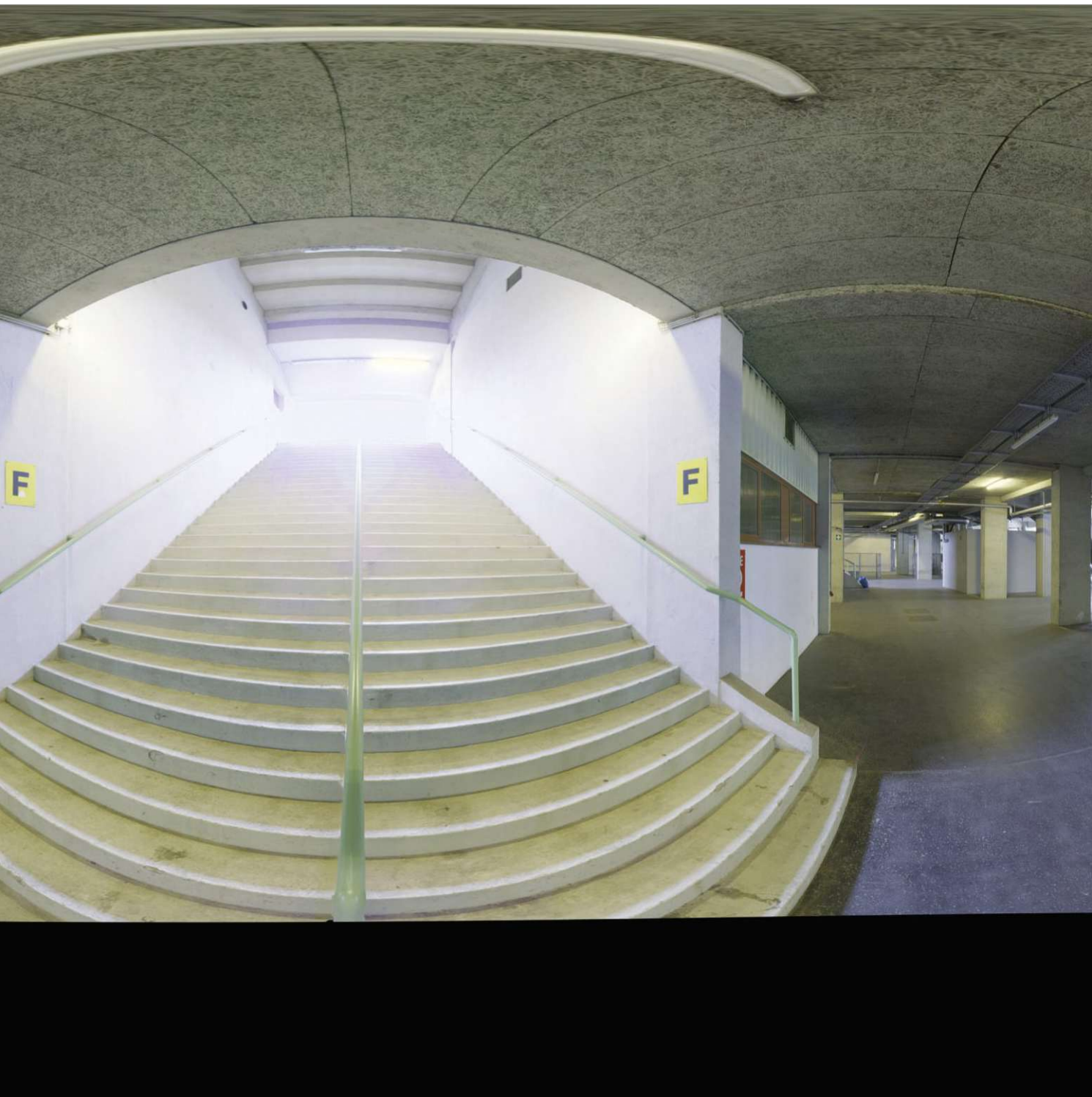
DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN



02_EHS_ARKADEN_291.jpg



DAS WIENER ERNST HAPPEL STADION

KAPITEL 3_Buch 3c | 3D BESTANDSVERMESSUNG UND FOTODOKUMENTATION

EHS_ARKADEN