

CITY OF CINCINNATI

**DEPARTMENT OF CITY PLANNING
BUILDINGS AND INSPECTIONS DIVISION**

STATEMENT OF SPECIAL INSPECTIONS

LOCATION: MSE WALLS AND TIEBACK SOLDIER PILE WALL
WALWORTH AVENUE, CINCINNATI, OHIO, 45211

PERMIT APPLICATION NUMBER: 2019P06629
(by City)

Because of the complexity, size, or special conditions associated with this project, the special inspections checked under "REQ" on the attached schedule are to be provided by the owner or owner's agent, other than the contractor, as required by Section 1704.1.1 of the Ohio Building Code (OBC).

Please indicate the inspection agent performing the specific inspections, the Inspection Coordinator who will submit the reports required by Section 1704.1.2 OBC and the extent of inspection services if other than full-time.

This *Statement of Special Inspections* shall be submitted as a condition for permit issuance. It includes a Schedule of Special Inspections applicable to this project as well as the name of the special inspectors, and the identity of other testing laboratories or agencies intended to be retained for conducting these inspections. Special Inspectors and testing agency personnel shall be under the direct supervision of a registered design professional who shall sign inspection reports; otherwise the qualifications of the person performing the inspections shall be submitted to the Department for acceptance.

An overall inspection coordinator shall keep records of all inspections and tests and shall furnish such reports to the code official and to the design professional of record. All discrepancies shall be brought to the immediate attention of the contractor for correction. If the discrepancies are not corrected, the discrepancies shall be brought to the attention of the code official and the design professional of record. Interim reports shall be submitted to the code official and the design professional of record monthly, unless more frequent submissions are requested by the code official.

During the course of construction, additional third party inspections may be required in addition to those specified in the attached schedule if conditions warrant.



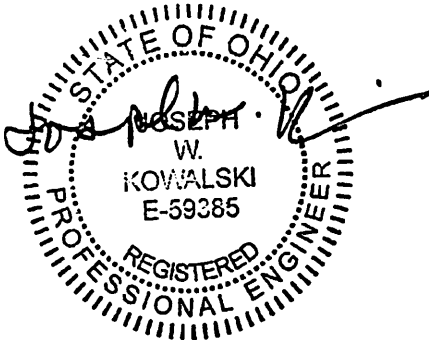
September 26, 2019 JOSEPH W. KOWALSKI, P.E.
Date P.E. or R.A.

SCHEDULE OF SPECIAL INSPECTIONS (RETAINING WALLS)

ITEM	REQ.	INSP. AGENCY	SCOPE
1. Soils and foundations (1704.7) Geotech Inv.			
a) shallow foundations	X	Kowalski Engr.	periodic
b) controlled structural fill	X	Geotech/Terracon	periodic
c) deep foundations/piles/caissons/piers	X	Kowalski Engr.	periodic
d) excavation/fill	X	Kowalski Engr.	periodic
e) soil stability/landslide	no		
2. Concrete (1704.4)			
A. Cast-in-place concrete			
a) mix design	no		
b) material certification	no		
c) reinforcement & installation	X	Kowalski Engr.	periodic
d) post-tensioning operation	X	Kowalski Engr.	periodic
e) batching plant	no		
f) formwork geometry	no		
g) concrete placement	no		
h) evaluation of concrete strength (GROUT STRENGTH)	X	Kowalski Engr.	periodic
i) curing & protection	no		
j) other	no		
B. Pre-cast Concrete			
a) plant certification / quality control procedures	no		
b) mix design	no		
c) material certification	no		
d) reinforcement installation	X	Kowalski Engr.	periodic
e) pre-stress operations	no		
f) connections / embedded items	X	Kowalski Engr.	periodic
g) form work geometry	no		
h) concrete placement	no		
i) evaluation of concrete strength (CONCRETE STRENGTH)	X	Kowalski Engr.	periodic
j) curing protection	no		
k) erected pre-cast elements	X	Kowalski Engr.	periodic
l) other	no		
3. Masonry (1704.5)	/	/	/
a) material certification	/	/	/
b) mixing of mortar and grout	/	/	/
c) installation of masonry	/	/	/
d) reinforcement installation	/	/	/
e) grouting operations	/	/	/
f) weather protection	/	/	/
g) evaluation of masonry strength	/	/	/
h) anchors and ties	/	/	/
i) other	/	/	/
4. Steel (1704.3)	/	/	/
A. Structural Steel			
a) fabricator certification/quality control procedures	/	/	/
b) material certification	/	/	/
c) open web steel joists	/	/	/
d) bolting	/	/	/
e) welding	/	/	/
f) shear connectors	/	/	/
g) structural details	/	/	/
h) metal deck	/	/	/

SCHEDULE OF SPECIAL INSPECTIONS

ITEM	REQ.	INSP. AGENCY	SCOPE
4. Steel			
B. Cold Formed Steel Framing	/		/
a) member sizes	/		/
b) material thickness	/		/
c) material properties	/		/
d) mechanical connections	/		/
e) welding	/		/
f) framing details	/		/
g) other	/		/
5. Spray Applied Fire-Resistant Material (1704.11)			
a) material specifications	/		/
b) laboratory tested fire-resistance design	/		/
c) schedule of thickness	/		/
d) surface preparation	/		/
e) application	/		/
f) curing and ambient condition	/		/
g) thickness	/		/
h) density	/		/
i) bond strength	/		/
j) other	/		/
6. Wood Construction (1704.6)			
a) fabricator certification	/		/
b) material grading	/		/
c) connections	/		/
d) framing details	/		/
e) other	/		/
7. EIFS (1704.12)			
a) material submittals	/		/
b) condition of substrate	/		/
c) application of foam plastic board	/		/
d) application of coatings	/		/
e) application of mesh	/		/
f) curing and ambient condition	/		/
g) flashing and joint details	/		/
h) sealants / caulk	/		/
i) other	/		/
8. Mechanical System			
a) smoke control (1704.14)	/		/
b) mechanical HVAC and piping	/		/
c) other	/		/
9. Special Cases (1704.13)	/		/
10. Other Requirements			
MSE WALL			
a) material submittals (blocks, sand, gravel, geogrid)	X	Kowalski Engineering, Inc.	periodic
b) foundation soil condition	X	Kowalski Engineering, Inc.	periodic
c) geogrid installation	X	Kowalski Engineering, Inc.	periodic
d) sand compaction	X	Kowalski Engineering, Inc.	periodic
e) bearing capacity	X	Kowalski Engineering, Inc.	periodic

INSPECTION AGENTS	FIRM	ADDRESS
1. Inspection Coordinator (Section 1704.1.2)	Kowalski Engineering, Inc.	3710 Section Road, Cincinnati, OH 45236
2. Special Inspector	Kowalski Engineering, Inc.	3710 Section Road, Cincinnati, OH 45236
3. Testing Laboratory	Kowalski Engineering, Inc.	3710 Section Road, Cincinnati, OH 45236
4. Approved Independent Quality Control Agency	n/a	
5. Geotechnical Engineer: When required from Part 1 above	Craig. M. Davis, PE, Terracon Consultants	
6. Other	n/a	

FINAL REPORT OF SPECIAL INSPECTION

To the best of my information, knowledge, and belief, the special inspections required for this project, and itemized in the statement of Special Inspections submitted for permit, have been completed.

The following discrepancies that were outstanding since the last Interim report dated _____, have been corrected:

(Attach 8½ x 11 continuation sheet(s) if required to complete the description of corrections.)

Interim reports submitted prior to this report, and numbered _____ to _____, are to be considered an integral part of this final report.

Respectfully submitted,

Signature

Date

Title