KALAMAZOO WATER RECLAMATION BUILDING 5 MASONRY RESTORATION

CITY OF KALAMAZOO Kalamazoo, Michigan **CONSTRUCTION DOCUMENTS**

DESIGN TEAM

ARCHITECT/ENGINEER **TowerPinkster** Architecture · Engineering · Interiors

242 E. KALAMAZOO AVE, SUITE 100 KALAMAZOO, MICHIGAN 49007 PHONE: 269.343.6133 FAX: 269.343.6633

4 EAST FULTON STREET, SUITE 200 **GRAND RAPIDS, MICHIGAN 49503** PHONE: 616.456.9944 FAX: 616.456.5936

CITY OF KALAMAZOO 1415 HARRISON STREET BUILDING NO. 5 KALAMAZOO, MI 49007

REFERENCED CODES

2015 MICHIGAN BUILDING CODE AND 2012 NFPA 101 LIFE SAFETY CODE BUILDING: ENERGY: 2015 MICHIGAN ENERGY CODE PLUMBING: 2015 MICHIGAN PLUMBING CODE MECHANICAL 2015 MICHIGAN MECHANICAL CODE FUEL GAS: (IFGC) 2015 INTERNATIONAL FUEL GAS CODE ELECTRICAL: 2017 NATIONAL ELECTRICAL CODE WITH MICHIGAN AMENDMENTS BARRIER-FREE: 2015 MICHIGAN BUILDING CODE AND 2009 ICC & C A117.1 USE GROUP: CONSTRUCTION TYPE: IIΒ NONE AUTOMATIC SPRINKLERS:

PROJECT AREA TOTAL FINISHED PROJECT:

DRAWING INDEX

GENERAL

G 001 COVER SHEET G 002 TYPICAL SYMBOLS & GENERAL NOTES

ARCHITECTURAL

- A 301 EXTERIOR ELEVATIONS NORTH A 302.1 EXTERIOR ELEVATIONS - EAST PART 1
- A 302.2 EXTERIOR ELEVATIONS EAST PART 2
- A 303.1 EXTERIOR ELEVATIONS SOUTH PART 1
- A 303.2 EXTERIOR ELEVATIONS SOUTH PART 2
- A 304.1 EXTERIOR ELEVATIONS WEST PART 1 A 304.2 EXTERIOR ELEVATION - WEST PART 2
- A 321 WALL SECTIONS

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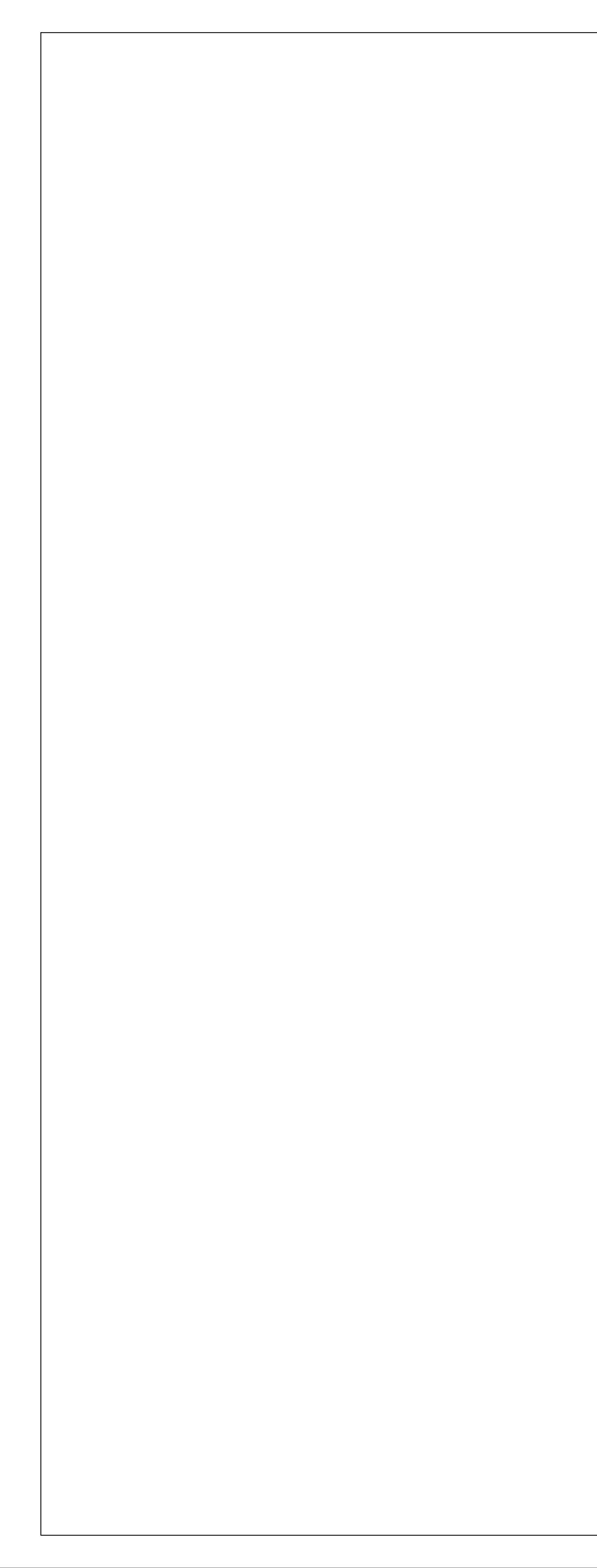
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GENERAL DEMOLITION NOTES

- 1. CONTRACTORS ARE REQUIRED TO INSPECT/REVIEW THE EXISTING BUILDING PRIOR TO RELATED DEMOLITION WORK. UNLESS NOTED OTHERWISE, REMOVAL OF ANY WALL, FLOOR OR CEILING INCLUDES ALL GENERAL MECHANICAL AND ELECTRICAL ITEMS WHICH ARE A PART OF, OR ATTACHED TO IT.
- 2. CONTRACTOR SHALL VERIFY ALL EXISTING JOB SITE CONDITIONS AND DIMENSIONS AND BE RESPONSIBLE FOR THE SAME. ADVISE CONSTRUCTION MANAGER OF ANY AND ALL DISCREPANCIES.
- 3. PATCH FLOORS, WALLS AND CEILINGS DAMAGED DURING CONSTRUCTION AND DEMOLITION AS REQUIRED. FINISH TO MATCH EXISTING.
- 4. ACCOMMODATE NEW CONSTRUCTION IF NOT INDICATED.
- 5. PROTECT ALL EXISTING FINISHES THROUGHOUT PROJECT.
- 6. REFER TO DEMOLITION ELEVATIONS, SECTIONS AND DETAILS FOR ADDITIONAL INFORMATION.
- 7. REFER TO STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL PLANS FOR ADDITIONAL DEMOLITION NOTES.

GENERAL NOTES - ARCHITECTURAL

- 1. THE OWNER RESERVES THE RIGHT TO REMOVE ANY ITEM FROM THE PROJECT PRIOR TO COMMENCEMENT OF CONTRACTED DEMOLITION WORK.
- 2. ALL EXISTING CONDITIONS SHOULD BE FIELD VERIFIED BEFORE WORK BEGINS.
- 3. DIMENSIONS GIVEN ARE ACTUAL AND ARE TO THE FACE OF MASONRY UNITS OR TO THE FACE OF STUD FRAMING, UNLESS NOTED OTHERWISE.
- 4. DETAILS SHOWN ILLUSTRATE DESIGN INTENT, NOT ALL POSSIBLE CONDITIONS. FOR CONDITIONS NOT SHOWN, USE DETAILS CLOSEST TO CONDITION IN QUESTION.
- 5. WITHIN BUILDING INTERIOR PROVIDE BULLNOSE BLOCK IN CMU WALL ASSEMBLIES AT ALL EXPOSED OUTSIDE CORNERS, INCLUDING WINDOW AND DOOR JAMBS, UNLESS NOTED OR DETAILED OTHERWISE. PROVIDE SQUARE OUTSIDE CORNERS AT ALL LOCATIONS FINISHED WITH WALL TILE, REFER TO FINISH PLANS (A600 SHEETS) FOR LOCATIONS.
- 6. TOOTH-IN MASONRY AT NEW OPENINGS IN EXISTING WALLS.
- 7. TOOTH-IN NEW MASONRY INFILL INTO EXISTING OPENINGS AT ALL BULLNOSE BLOCK LOCATIONS.
- 8. FIRESTOP ALL INTERCONNECTIONS BETWEEN VERTICAL AND HORIZONTAL SPACES AND CONCEALED WALL SPACES AT CEILING, FLOOR AND ROOF LEVELS.
- 9. FIRESEAL ALL PENETRATIONS, SUCH AS, PIPES, DUCTS, CONDUITS, ETC. THROUGH FIRE AND/OR SMOKE RATED ASSEMBLIES.
- 10. FOR CONTROL JOINT (C.J.) LOCATIONS REFER TO EXTERIOR ELEVATIONS AND/OR FLOOR PLANS.
- 11. PAINT ALL ELECTRICAL PANEL COVERS AND ACCESS PANELS TO MATCH ADJACENT FINISHES. USING OIL-BASED PAINT, NOT LATEX WALL PAINT. 12. PROVIDE WOOD BLOCKING IN WALLS THAT REQUIRE WALL MOUNTED EQUIPMENT OR
- ACCESSORIES. COORDINATE WITH EQUIPMENT OR ACCESSORY MANUFACTURER. 13. PROVIDE ALL ASSOCIATED CURBS FOR ROOF TOP EQUIPMENT AND MECHANICAL
- ROOF TOP UNITS. LARGE VOIDS BELOW THE AIR HANDLING UNITS SHALL BE FILLED WITH INSULATION AS SPECIFIED FOR NOISE CONTROL. 14. ALL EXISTING ROOF TOP PENETRATIONS BEING REMOVED REQUIRE ROOF PATCHING

TO MATCH EXISTING ADJACENT.

TYPICAL SYMBOLS & REFERENCES

ROOM IDENTIFICATION TAG /--- ROOM NAME NOTE: ROOM NAMES AND NUMBERS ON PLANS ARE <u>CLASSROOM</u> FOR CONSTRUCTION PURPOSES ONLY. AOOOA COORDINATE WITH OWNER REGARDING PROPOSED NUMBERS FOR ALL SIGNAGE, SCHEDULE AND PANEL DESIGNATIONS. DETAIL TITLE - DETAIL NUMBER DETAIL TITLE (A101/1" = 0'-1")SHEET NUMBER UNIT MATCHLINES _____ TYPICAL NOTATION SYMBOLS CALLOUT REFERENCE BUBBLE EXTERIOR ELEVATION REFERENCE BUBBLE — DETAIL NUMBER - ELEVATION LETTER ____ - SHEET NUMBER - SHEET NUMBER `____' INTERIOR ELEVATION REFERENCE BUBBLE DETAIL REFERENCE BUBBLE - DETAIL NUMBER - ELEVATION NUMBER _____ - SHEET NUMBER - SHEET NUMBER BUILDING SECTION REFERENCE BUBBLE - DETAIL NUMBER SHEET NUMBER ELEVATION AND SECTION REFERENCE TOOLS ELEVATION TAG - EXISTING ELEVATION 100'-0" ELEVATION TAG FOR EXTERIOR ELEVATIONS AND BUILDING SECTIONS 100'-0" ELEVATION TAG FOR FLOOR PLANS AND REFLECTED CEILING PLANS <u>ELEVATION TAG - NEW</u> ELEVATION TAG FOR EXTERIOR ELEVATIONS FINISH FLOOR ELEVATION 100'-0" AND BUILDING SECTIONS 100'-0" ELEVATION TAG FOR FLOOR PLANS AND REFLECTED CEILING PLANS WORKING POINT LAYOUT TAG - DISTANCE IN THE "Y" DIRECTION FROM THE "X" BASE LINE 100'-0" : 100' - DISTANCE IN THE "X" DIRECTION FROM THE "Y" BASE LINE BORROWED LIGHT AND DOOR IDENTIFICATION - SHEET NUMBER DOOR NUMBER - CORRESPONDS TO THE ROOM NUMBER LETTER DESIGNATES MORE THAN ONE IN ROOM

<u>SYMBOLS</u>

BARRIER-FREE REVISION IDENTIFIER (ADDENDUM AND BULLETIN) COLUMN BUBBLE AND LINE 00-

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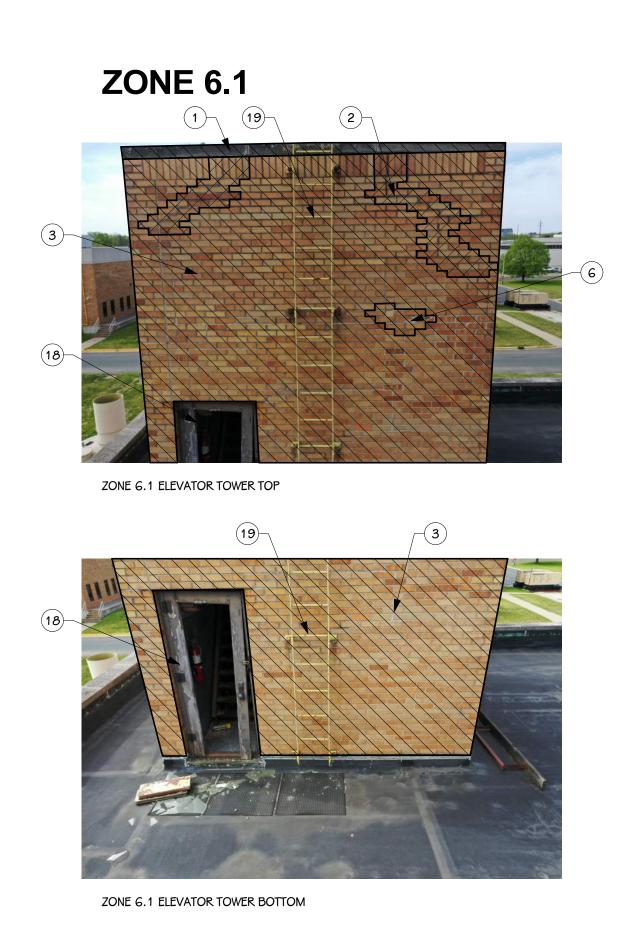
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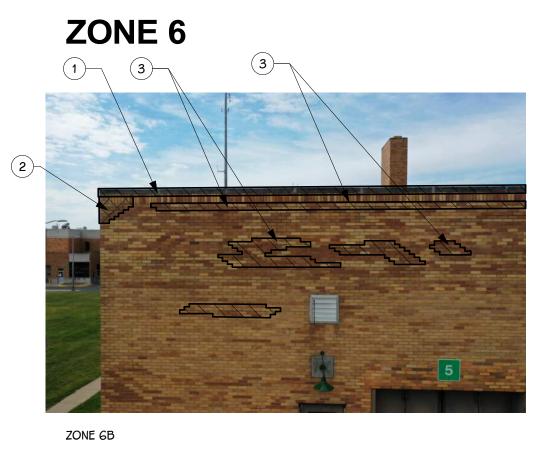
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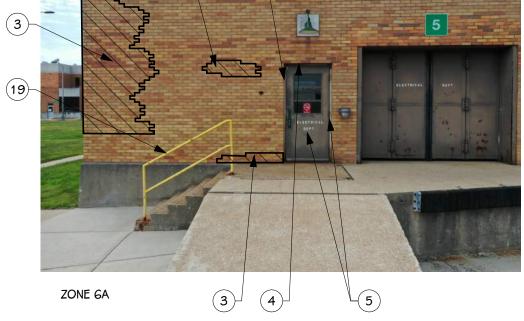
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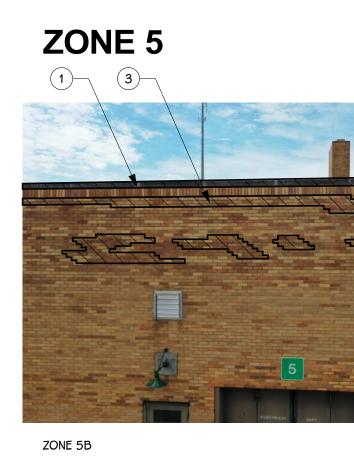




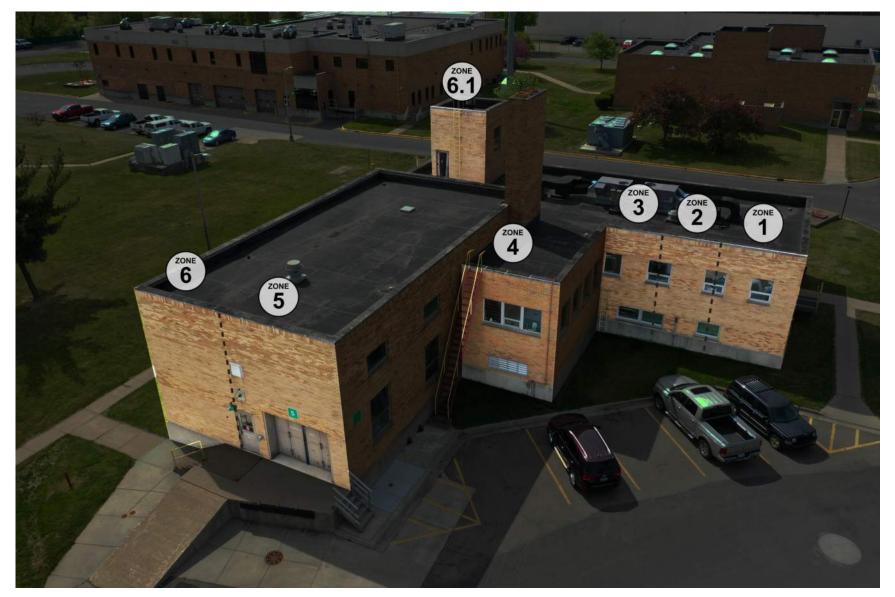


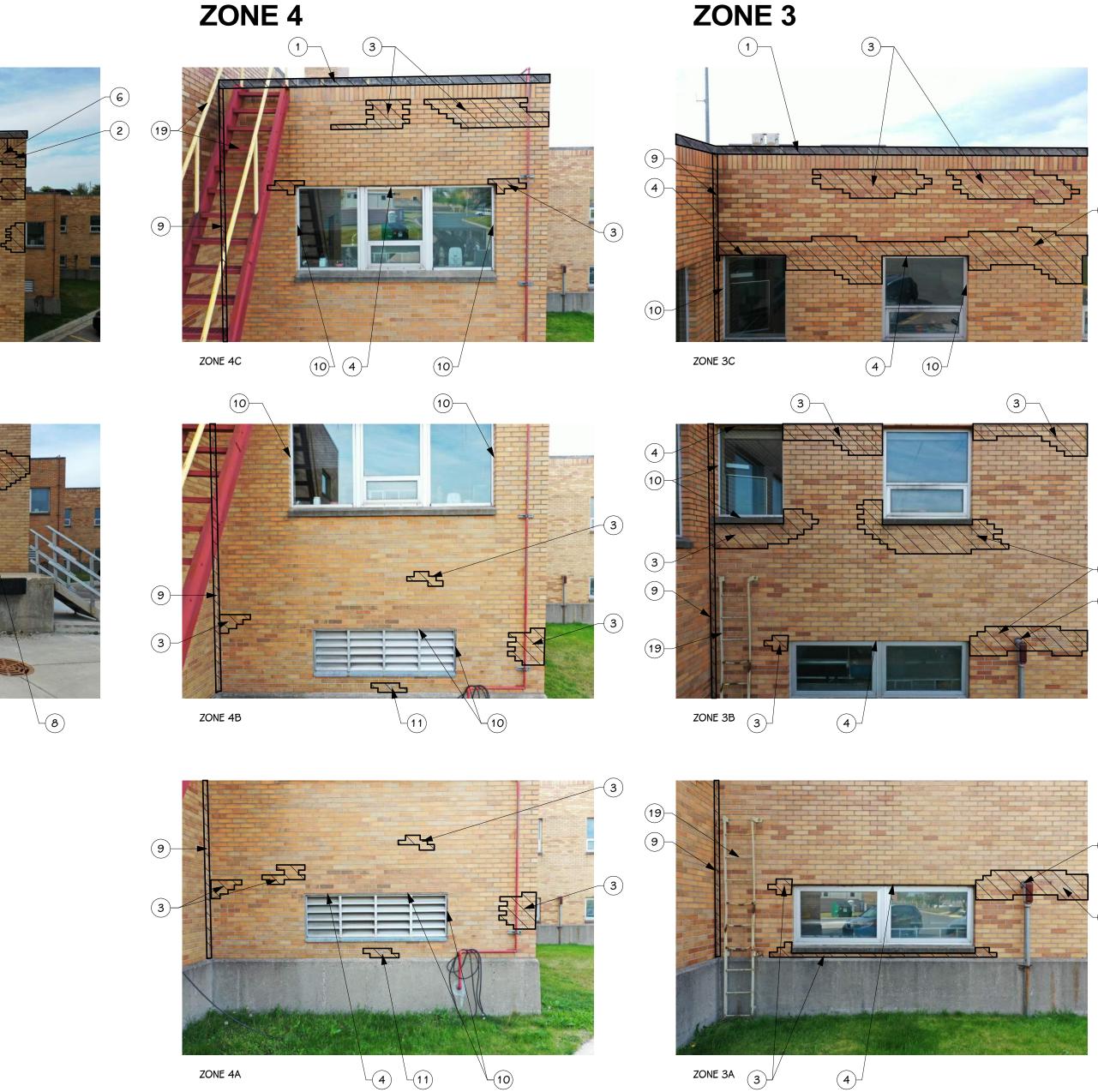






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MASONRY RESTORATION - NORTH ELEVATION

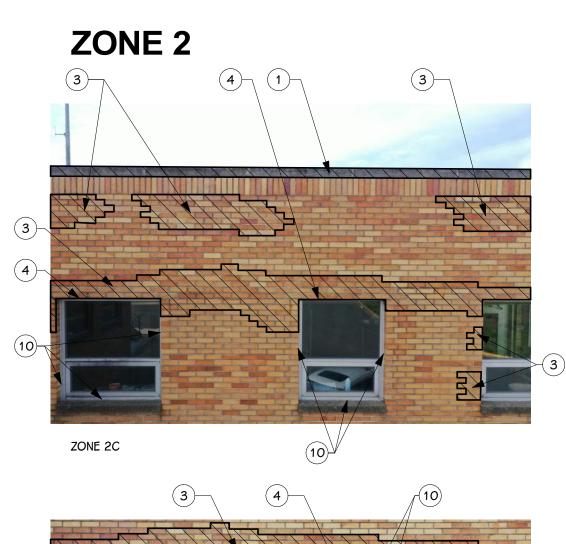
EXTERIOR ELEVATION ZONES - NORTH

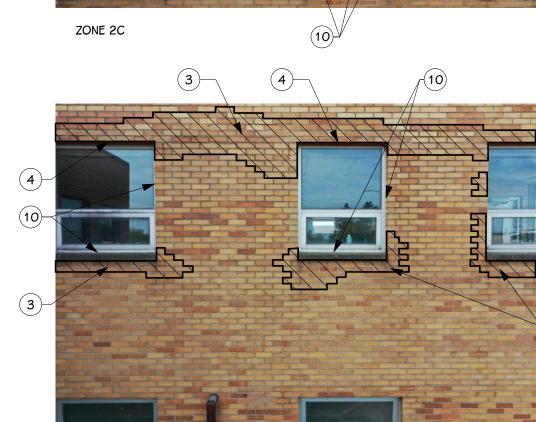
KEYED NOTES - EXTERIOR ELEVATION \bigcirc

- PROVIDE NEW PREFINISHED METAL PARAPET CAP. SEE DETAILS 1 AND 2 ON SHEET A 321 FOR MORE INFORMATION. SUBMIT COLORS FOR OWNER/ARCHITECT REVIEW AND SELECTION
- CRACK LOCATION RAKE OUT MORTAR IN CARCK JOINT AND REPOINT REPOINT BRICK - DEPTH SHOULD BE THREE TIMES WIDTH OF JOINT. NEW MORTAR TO
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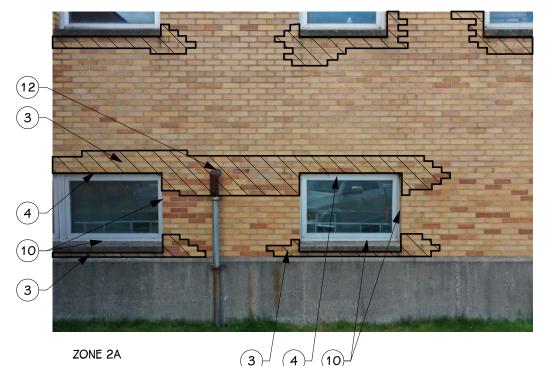
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22 REMOVE EXISTING METAL COUNTER FLASHING AND PROVIDE NEW CONTINUOUS COUNTER FLASHING WITH CONTINUOUS SEALANT. SEE DETAILS 3 AND 4 ON SHEET A ISSUED FOR 321.

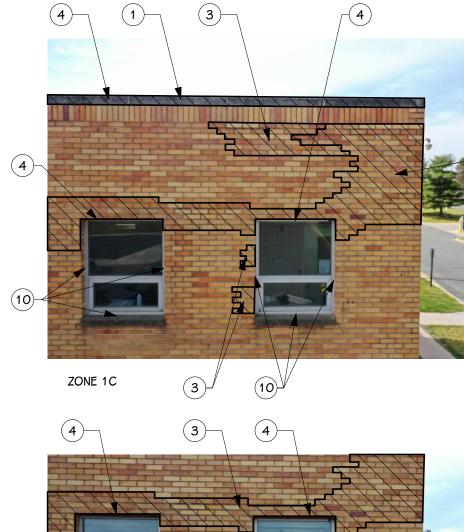




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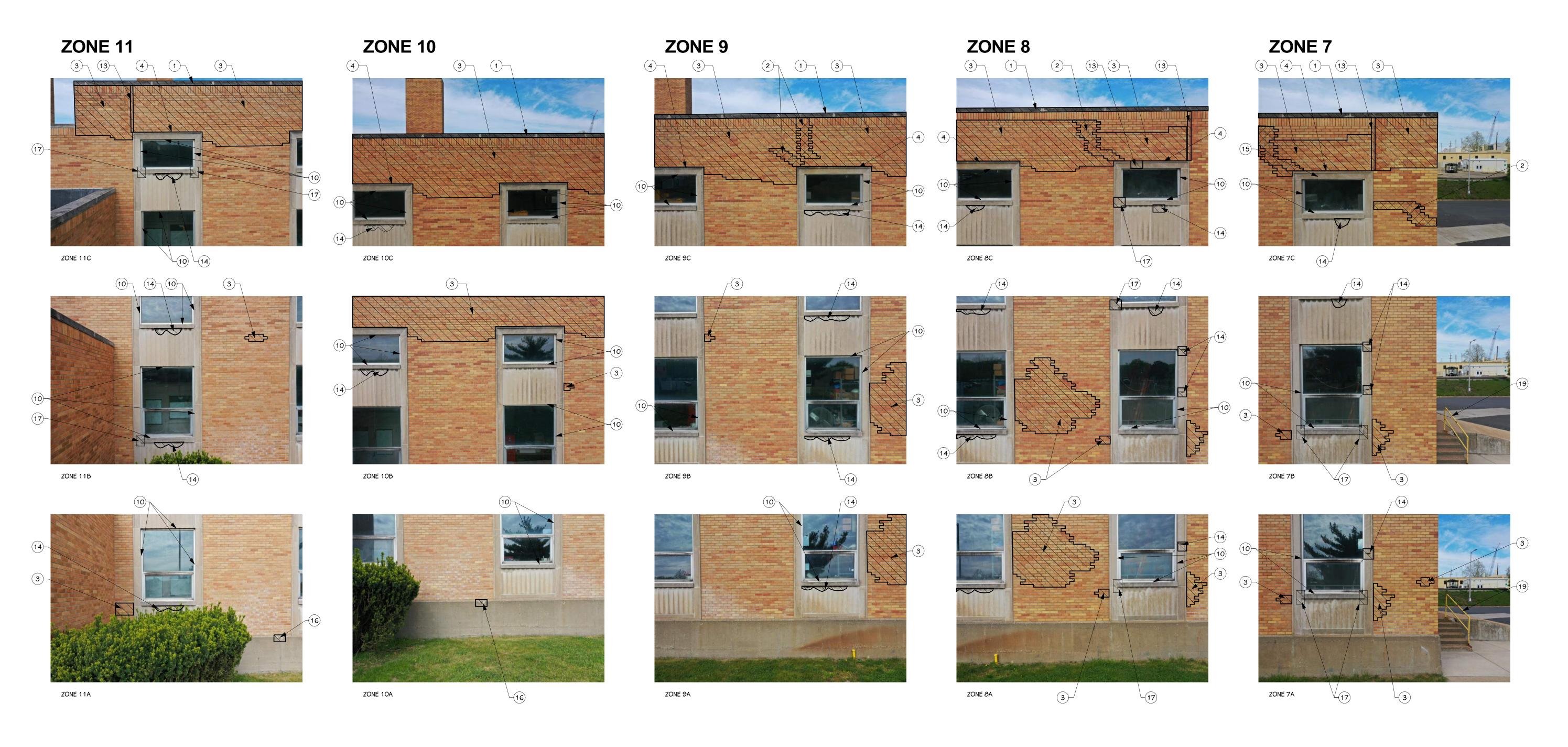
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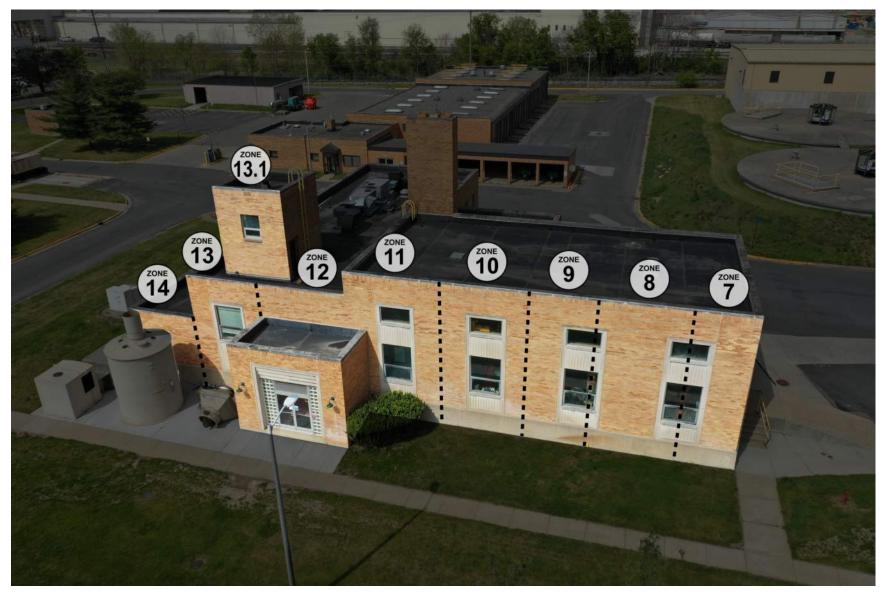
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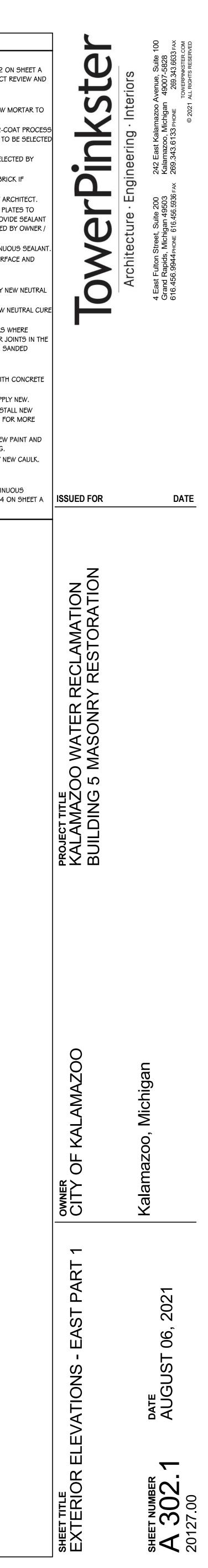


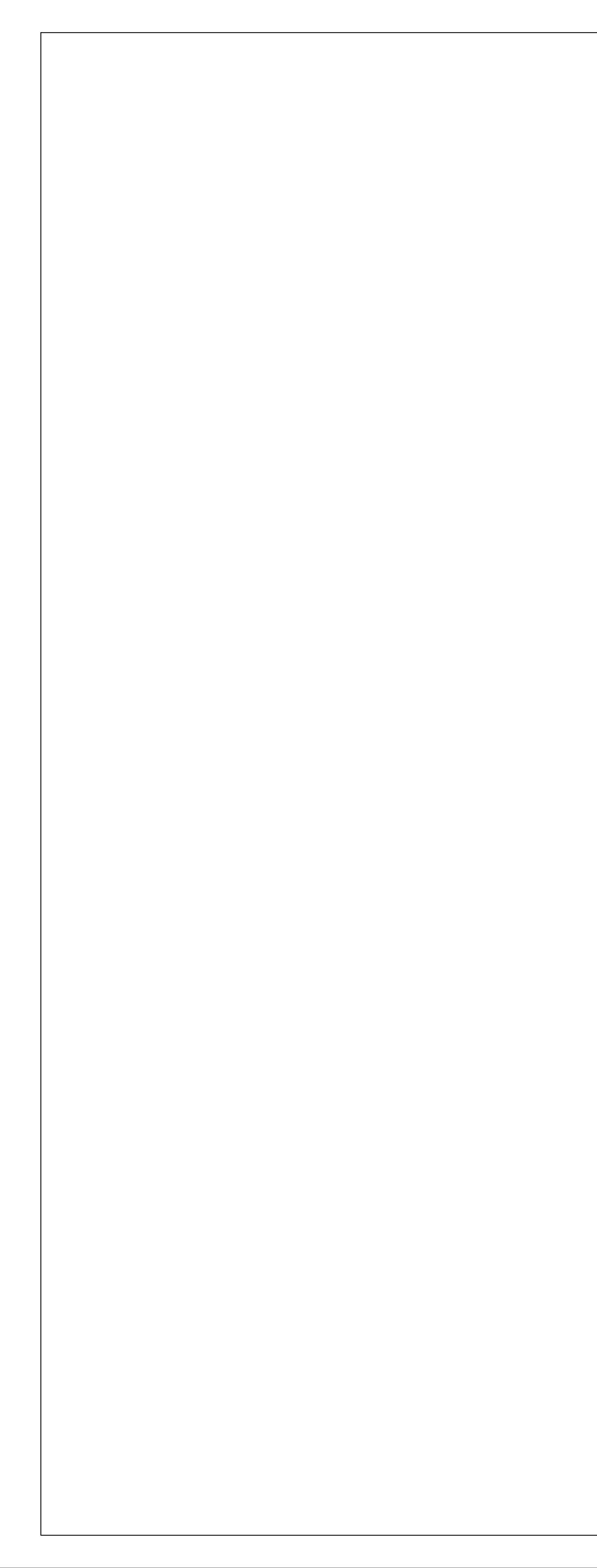


MASONRY RESTORATION - EAST ELEVATION PART 1

EXTERIOR ELEVATION ZONES - EAST

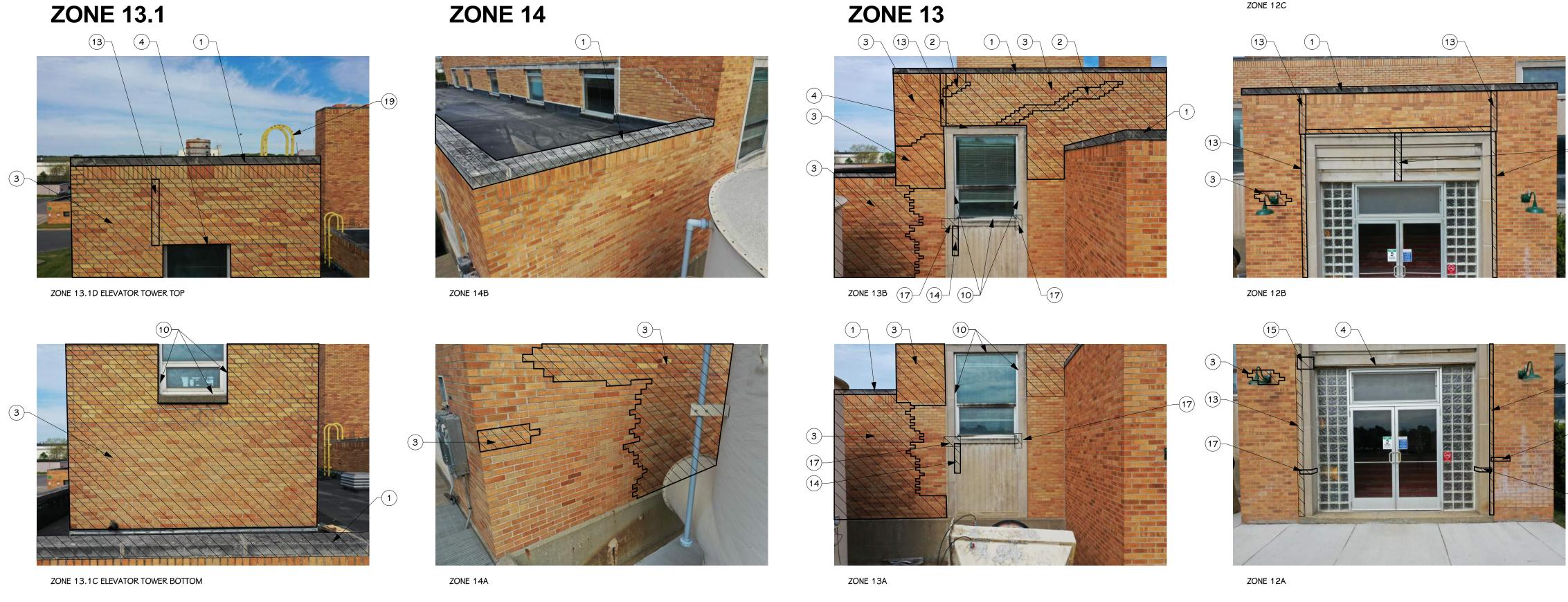
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EXTERIOR ELEVATION ZONES - EAST



MASONRY RESTORATION - EAST ELEVATION PART 2

KEYED NOTES - EXTERIOR ELEVATION \bigcirc

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	PROJECT TITLE KALAMAZOO WATER RECLAMATION BUILDING 5 MASONRY RESTORATION		
	OWNER CITY OF KALAMAZOO	Kalamazoo, Michigan	
	SHEET TITLE EXTERIOR ELEVATIONS - EAST PART 2	SHEET NUMBER Date A 302.2 AUGUST 06, 2021 20127.00 AUGUST 06, 2021	



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EXTERIOR ELEVATION ZONES - SOUTH

MASONRY RESTORATION - SOUTH ELEVATION PART 1

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EXTERIOR ELEVATION ZONES - SOUTH



MASONRY RESTORATION - SOUTH ELEVATION PART 2

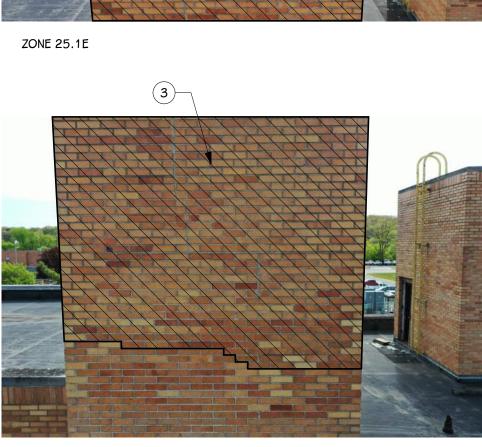
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 5 CLEAN, PREP AND PAINT EXISTING DOOR AND FRAME. COLOR TO BE SELECTION.
- OWNER AND ARCHITECT. 6 DAMAGED BRICK LOCATION. REPLACE DAMAGED BRICK W/ SALVAGED BRI POSSIBLE OR REPLACE W/ NEW TO MATCH EXISTING.
- PREP AND PAINT EXISTING DOOR. COLOR TO BE SELECTED BY OWNER / AI
 CLEAN EXISTING STEEL PLATE JAMB. PROVIDE NEW PAINTED 1/4" STEEL PL
 COVER EXISTING STEEL JAMB. WELD TO EXISTING STEEL PLATE AND PROV
 AT BASE WHERE JAMB MEETS CONCRETE. PAINT COLOR TO BE SELECTED
- ARCHITECT. 9 REMOVE EXISTING GROUT AT CORNER JOINT AND REPLACE WITH CONTINUE 10 REMOVE PERIMETER CAULKING AT WINDOW / DOOR / LOUVER. PREP SURF/
- APPLY NEW NEUTRAL CURE SILICON SEALANT. 11 REMOVE EXCESS GROUT FROM FACE OF BRICK MASONRY 12 REMOVE EVICTING SEALANT AT CONDUCT PENETRATION, PREP.
- REMOVE EXISTING SEALANT AT CONDUIT PENETRATION, PREP AND APPLY N CURE SILICON SEALANT.
 REMOVE EXISTING EPANSION JOINT GROUT. PREP JOINT AND APPLY NEW N
- SILICON SEALANT.
 14 REMOVE CRACKED LIMESTONE PIECES, CLEAN EXPOSED STEEL ANCHORS A APPLICABLE, AND APPLY PROTECTIVE COATING. REMOVE OPEN MORTAR JO STONEWORK AND REPLACE WITH NEUTRAL CURE SILICON SEALANT WITH SA SURFACE. PATCH LIMESTONE TO MATCH EXISTING.
- 15 SEAL CRACK IN LIMESTONE16 REMOVE LOOSE CONCRETE. CLEAN ANY EXPOSED STEEL AND PATCH WITH TO MATCH EXISTING.
- 17 REMOVE EXISTING MORTAR AT LIMESTONE SILL AND PREP JOINT AND APPL
 18 REMOVE EXISTING DOOR AND FRAME AND PREP OPENING FOR NEW. INSTA
 ALUMINUM DOOR AND FRAME. SEE DOOR SCHEDULE ON SHEET A 321 FO
- INFORMATION (DOOR 100 ELEVATOR MACHINE ROOM).
 CLEAN AND REMOVE LOOSE PAINT FROM LADDER / STAIR. PREP FOR NEW PROVIDE NEW PAINT FINISH. COLOR TO BE YELLOW TO MATCH EXISTING.
- 20 REMOVE EXISTING CAULK AT LIMESTONE JOINT. PREP JOINT AND APPLY N COLOR TO MATCH LIMESTONE.
- 21 PATCH EXISTING OPENING IN LIMESTONE.
- 22 REMOVE EXISTING METAL COUNTER FLASHING AND PROVIDE NEW CONTINU COUNTER FLASHING WITH CONTINUOUS SEALANT. SEE DETAILS 3 AND 4 321.

CON SHEET A CT REVIEW AND W MORTAR TO COAT PROCESS TO BE SELECTED LECTED BY RICK IF ARCHITECT. PLATES TO DVIDE SEALANT D BY OWNER / UOUS SEALANT. RFACE AND WNEW NEUTRAL V NEUTRAL CURE SOUNTS IN THE SANDED TH CONCRETE PLY NEW.	TowerPinkster	Architecture · Engineering · Interiors 4 East Fulton Street, Suite 200 242 East Kalamazoo Avenue, Suite 100 616.456.9944 PHONE 616.456.5936 FAX 269.343.6133 PHONE 269.343.6133 FHONE 616.456.9944 PHONE 616.456.5936 FAX 269.343.6133 PHONE 269.343.6633 FAX
GTALL NEW FOR MORE W PAINT AND C. NEW CAULK. NUOUS 4 ON SHEET A	ISSUED FOR	DATE
	PROJECT TITLE KALAMAZOO WATER RECLAMATION BUILDING 5 MASONRY RESTORATION	
	OWNER CITY OF KALAMAZOO	Kalamazoo, Michigan
	SHEET TITLE EXTERIOR ELEVATIONS - SOUTH PART 2	SHEET NUMBER DATE A 303.2 AUGUST 06, 2021 20127.00 AUGUST 06, 2021

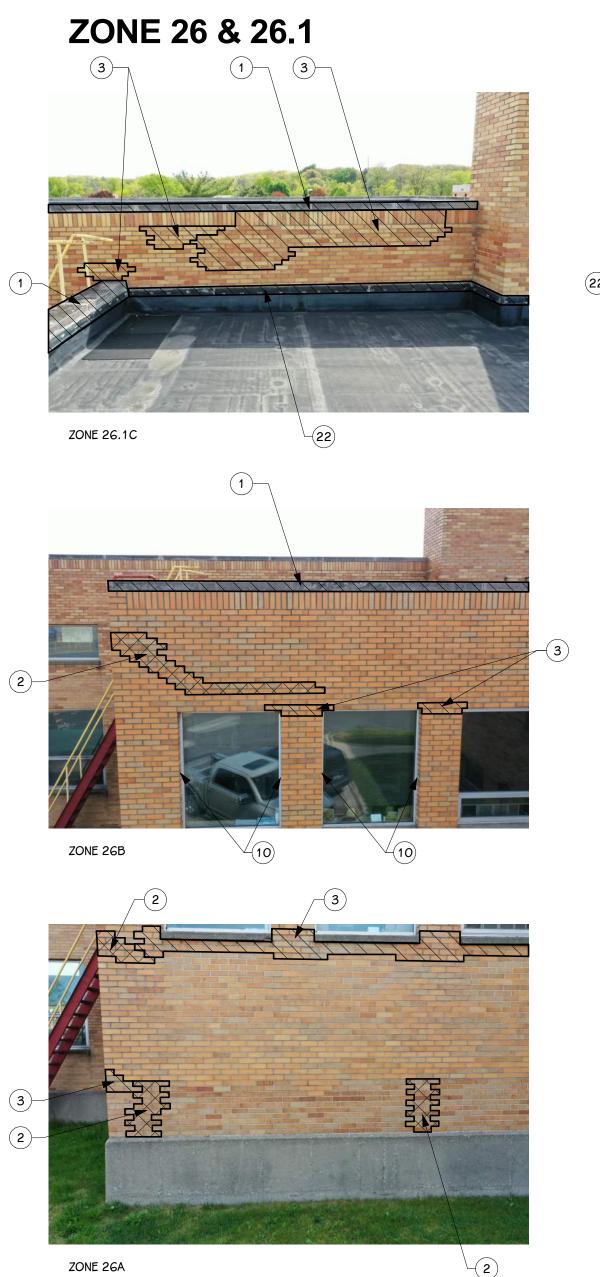
ZONE 25 & 25.1

(1) (3)





ZONE 25.1D



ZONE 25.1C

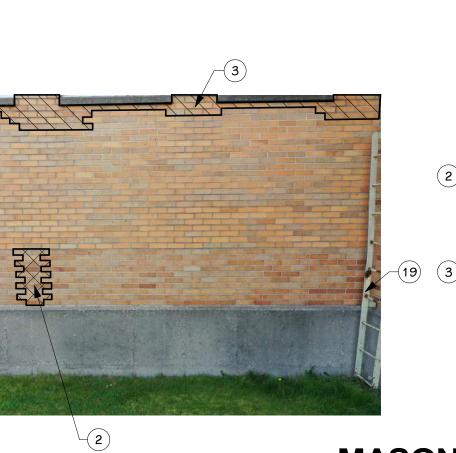


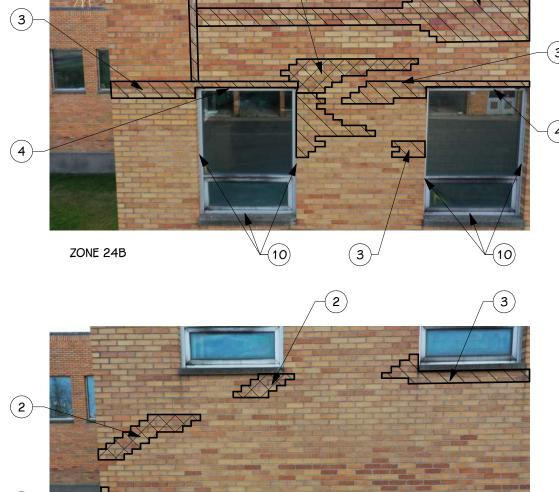
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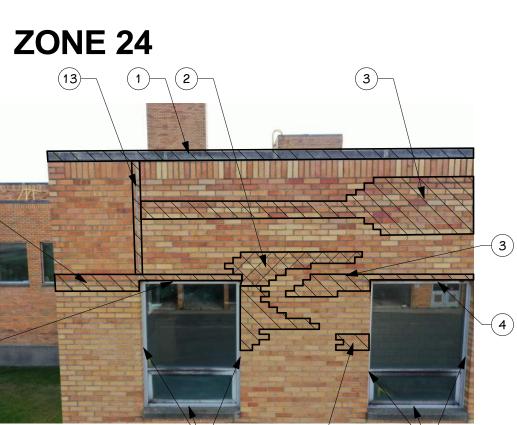


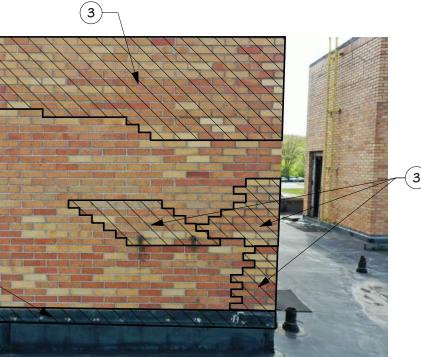
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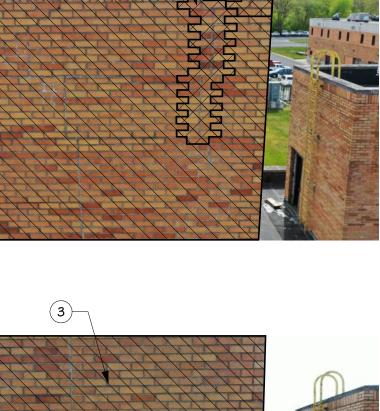
MASONRY RESTORATION - WEST ELEVATION PART 1

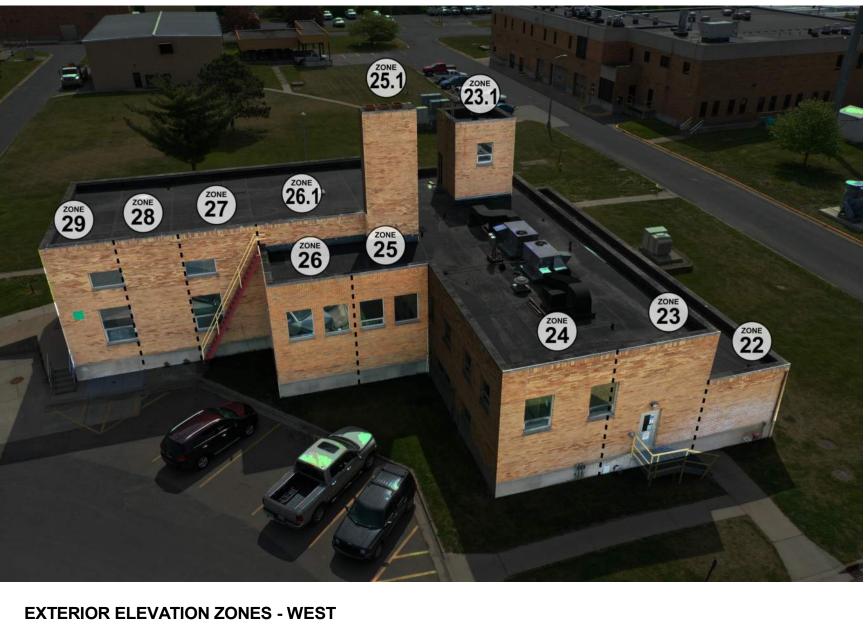




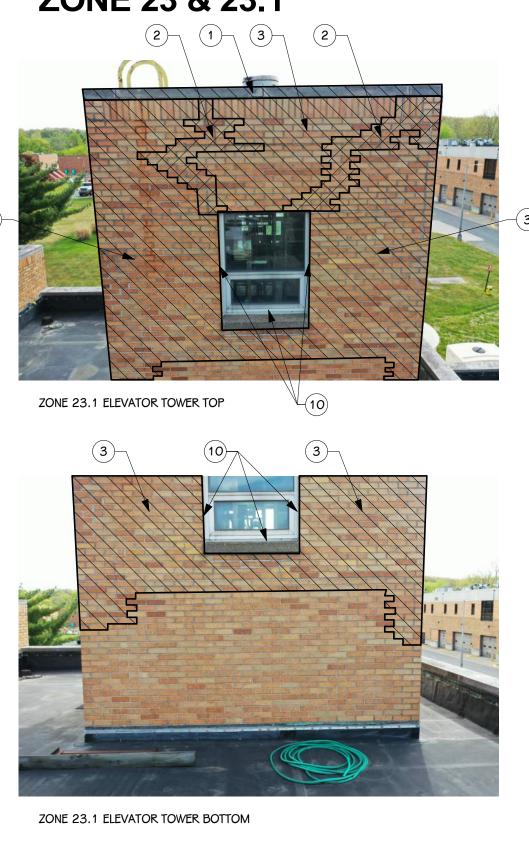


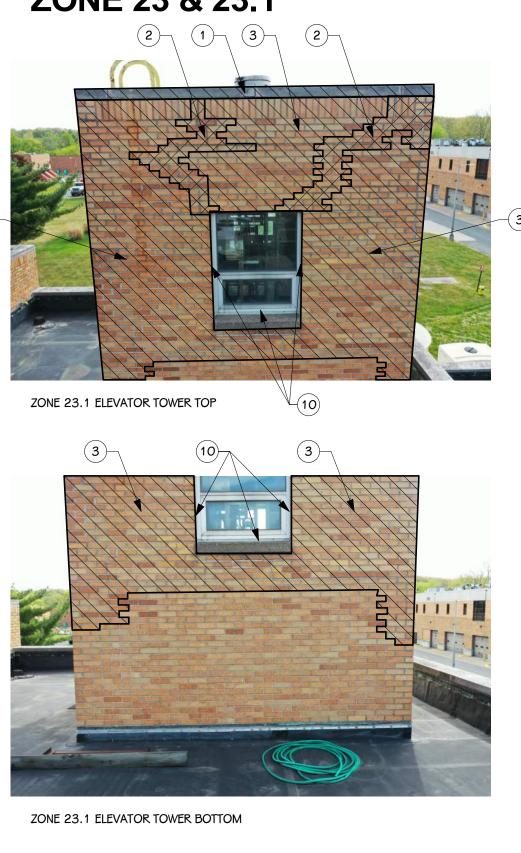


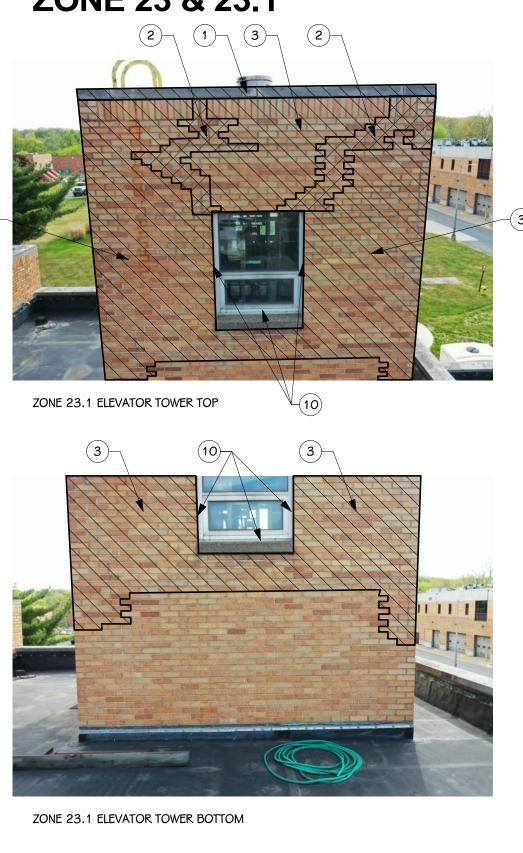


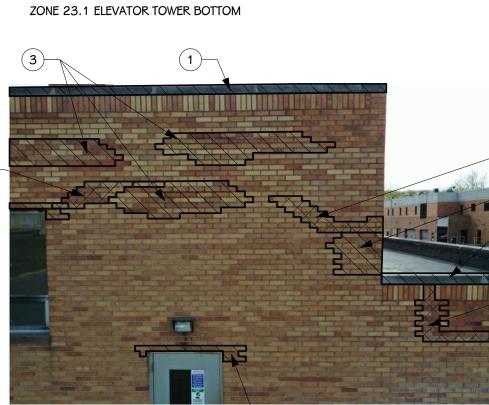


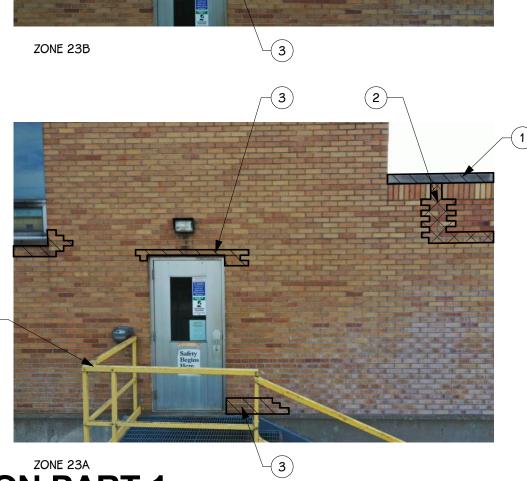
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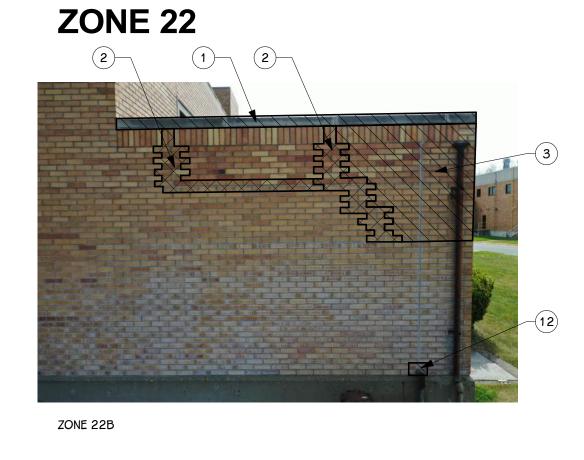






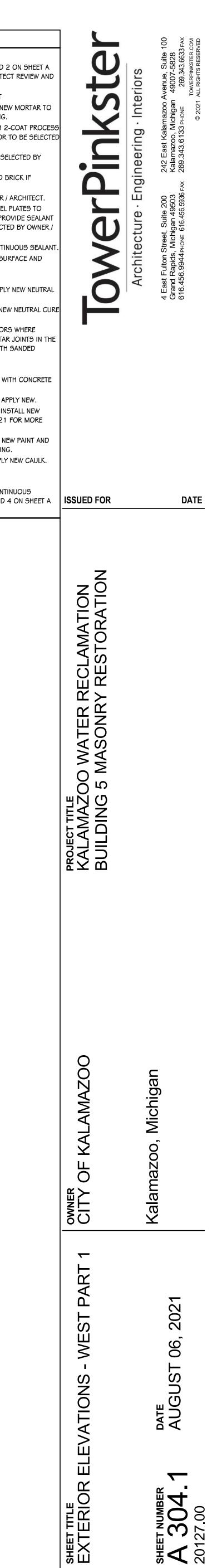


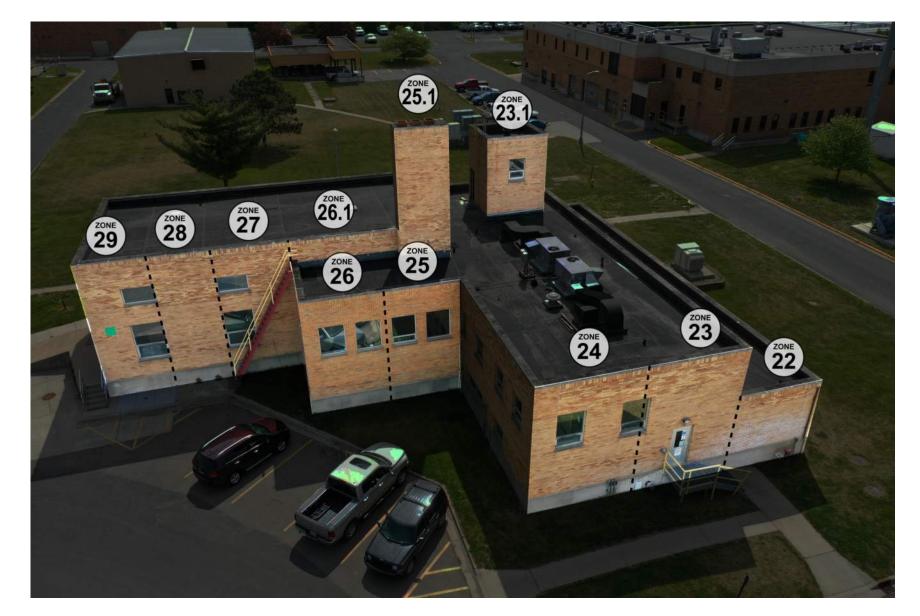




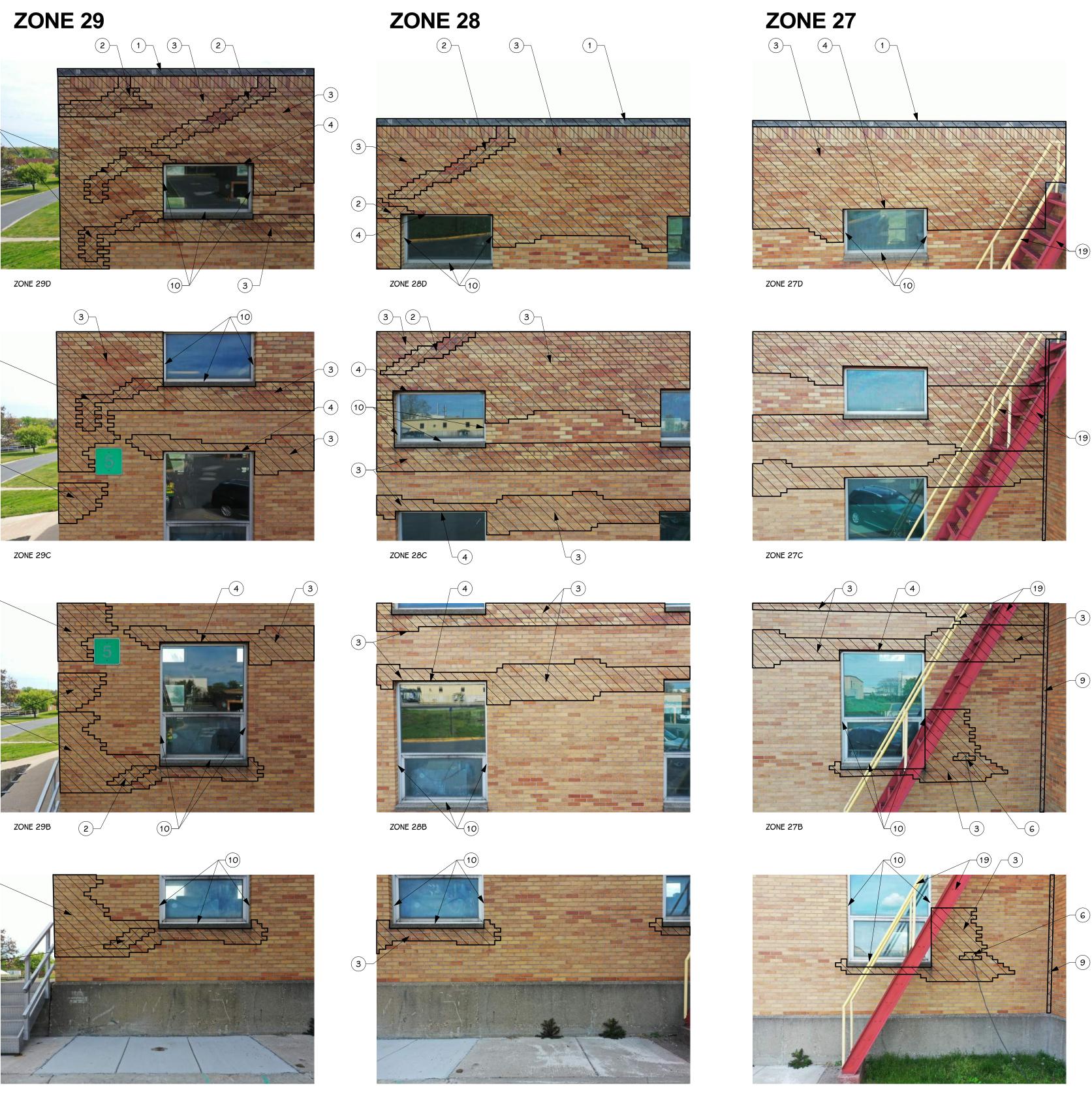


- PROVIDE NEW PREFINISHED METAL PARAPET CAP. SEE DETAILS 1 AND 2 ON SHEET A 321 FOR MORE INFORMATION. SUBMIT COLORS FOR OWNER/ARCHITECT REVIEW AND SELECTION
- CRACK LOCATION RAKE OUT MORTAR IN CARCK JOINT AND REPOINT REPOINT BRICK - DEPTH SHOULD BE THREE TIMES WIDTH OF JOINT. NEW MORTAR TO
- MATCH EXISTING IN COLOR, TEXTURE, AND STRENGTH AFTER CLEANING. CLEAN AND REMOVE PAINT / RUST FROM STEEL LINTELS. FINISH WITH 2-COAT PROCESS WITH COLD GALVANIZING PAINT AND TOP COAT OF FLAT PAINT. COLOR TO BE SELECTED BY OWNER AND ARCHITECT.
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- 10 REMOVE PERIMETER CAULKING AT WINDOW / DOOR / LOUVER. PREP SURFACE AND APPLY NEW NEUTRAL CURE SILICON SEALANT.
- 1 REMOVE EXCESS GROUT FROM FACE OF BRICK MASONRY 2 REMOVE EXISTING SEALANT AT CONDUIT PENETRATION, PREP AND APPLY NEW NEUTRAL CURE SILICON SEALANT.
- 13 REMOVE EXISTING EPANSION JOINT GROUT. PREP JOINT AND APPLY NEW NEUTRAL CURE SILICON SEALANT.
- 4 REMOVE CRACKED LIMESTONE PIECES, CLEAN EXPOSED STEEL ANCHORS WHERE APPLICABLE, AND APPLY PROTECTIVE COATING. REMOVE OPEN MORTAR JOINTS IN THE STONEWORK AND REPLACE WITH NEUTRAL CURE SILICON SEALANT WITH SANDED SURFACE. PATCH LIMESTONE TO MATCH EXISTING. 15 SEAL CRACK IN LIMESTONE
- 16 REMOVE LOOSE CONCRETE. CLEAN ANY EXPOSED STEEL AND PATCH WITH CONCRETE TO MATCH EXISTING.
- 7 REMOVE EXISTING MORTAR AT LIMESTONE SILL AND PREP JOINT AND APPLY NEW. 18 REMOVE EXISTING DOOR AND FRAME AND PREP OPENING FOR NEW. INSTALL NEW ALUMINUM DOOR AND FRAME. SEE DOOR SCHEDULE ON SHEET A 321 FOR MORE INFORMATION (DOOR 100 ELEVATOR MACHINE ROOM).
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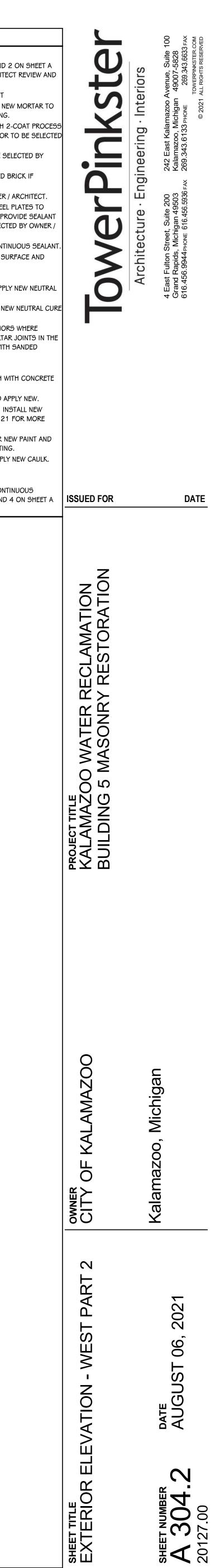
EXTERIOR ELEVATION ZONES - WEST

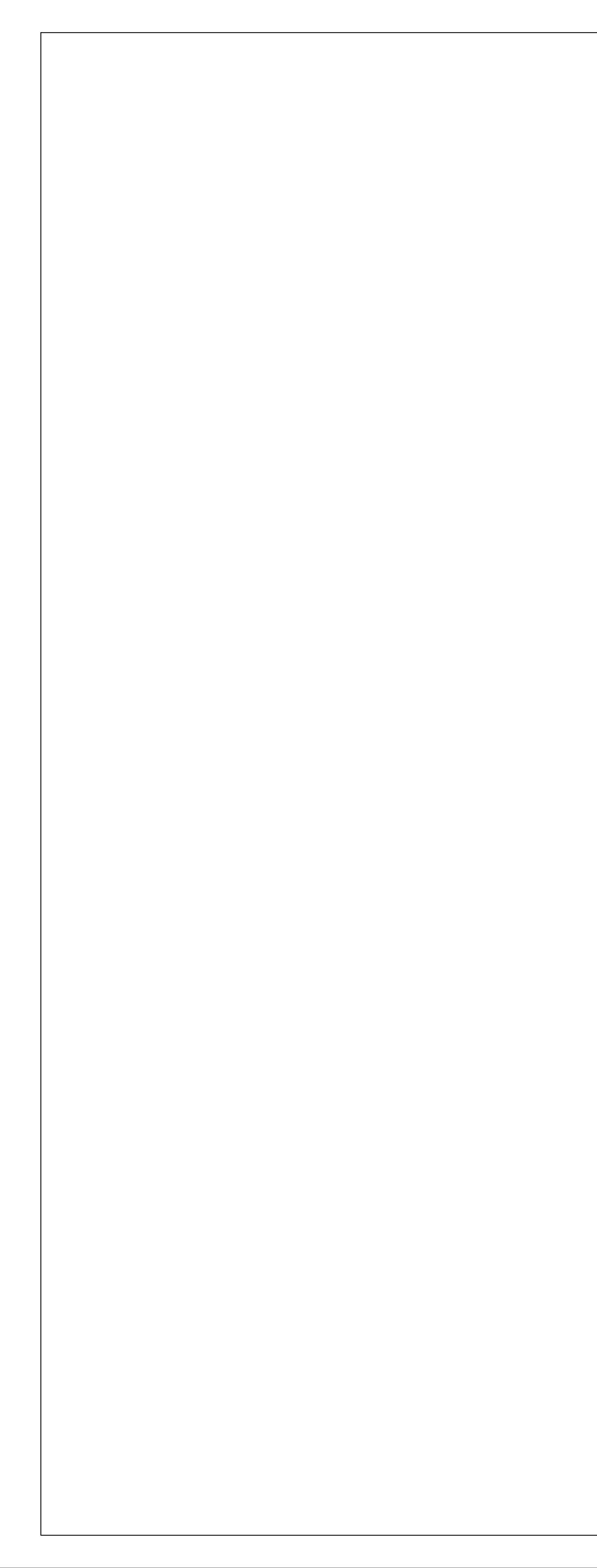


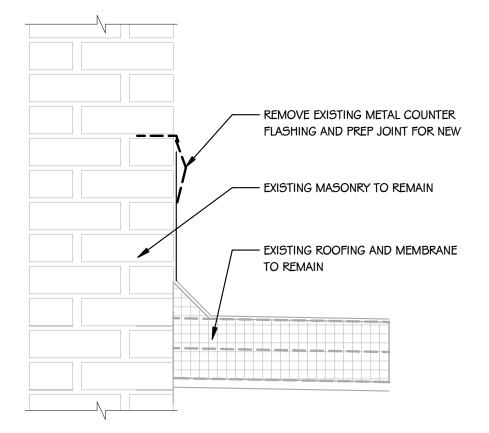
MASONRY RESTORATION - WEST ELEVATION PART 2

ZONE 29A

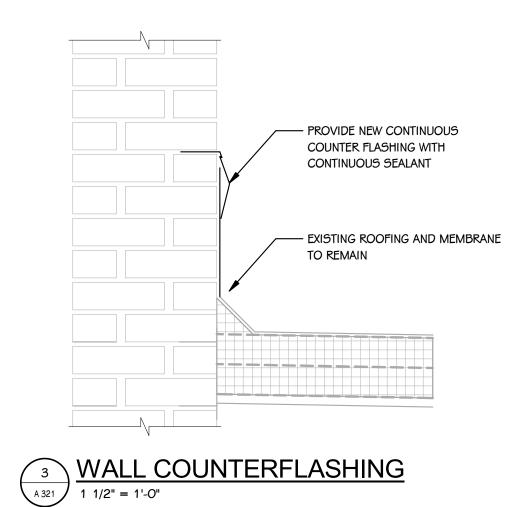
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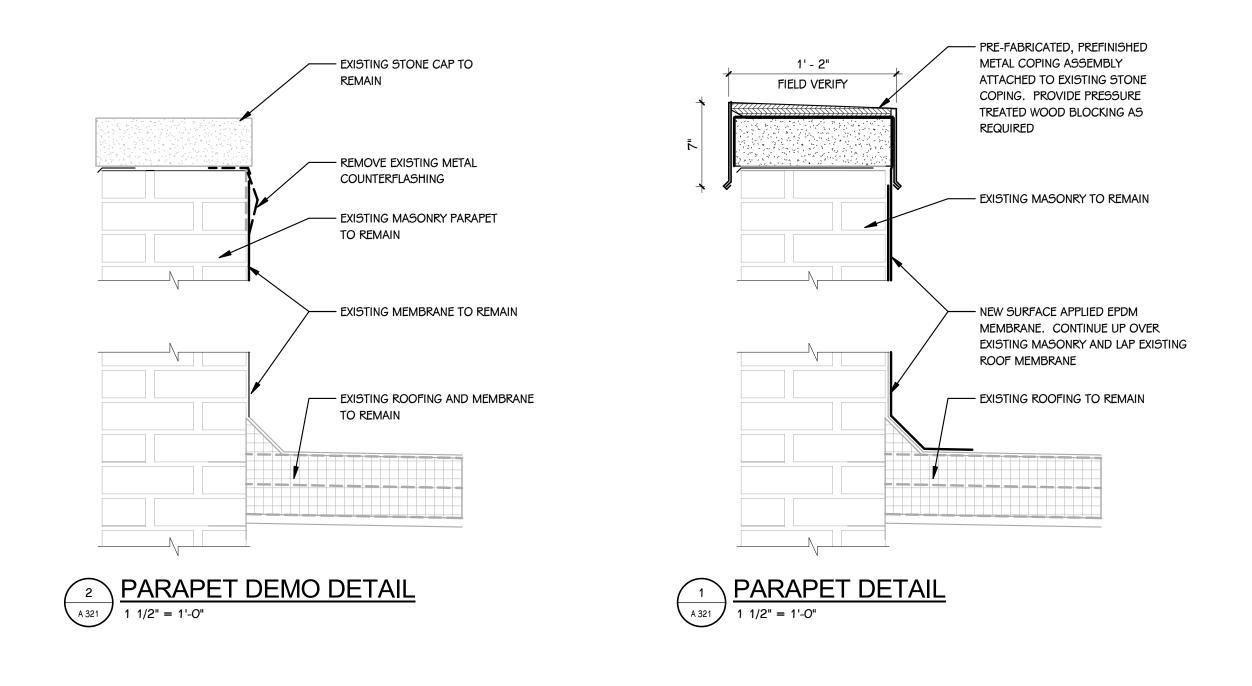




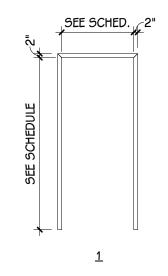


DOOR SCHEDULE - ELEVATOR MACHINE ROOM

NUMBER		ROOM	FIRE RATING		DOOR		SIZE			FRAME		DETAILS			ACCESS CONTROLS				HDWR.					
	DOOR	NAME	DOOR	FRAME	TYPE	MAT	FIN	WIDTH	HEIGHT	ELEV	MAT	FIN	HEAD	JAMB	SILL	GLASS		MAG HOLD	SET	REMARK				
	100	100	ELEVATOR MACHINE ROOM	-	-	F	AL	ANOD	3' - 0"	7' - 0"	1	AL	ANOD	-	-	-	-	No	No	No	No	No	01	FIELD VERIFY SIZE OF DOOR OPENING







DOOR PANEL ELEVATION LEGEND

FRAME ELEVATION LEGEND

