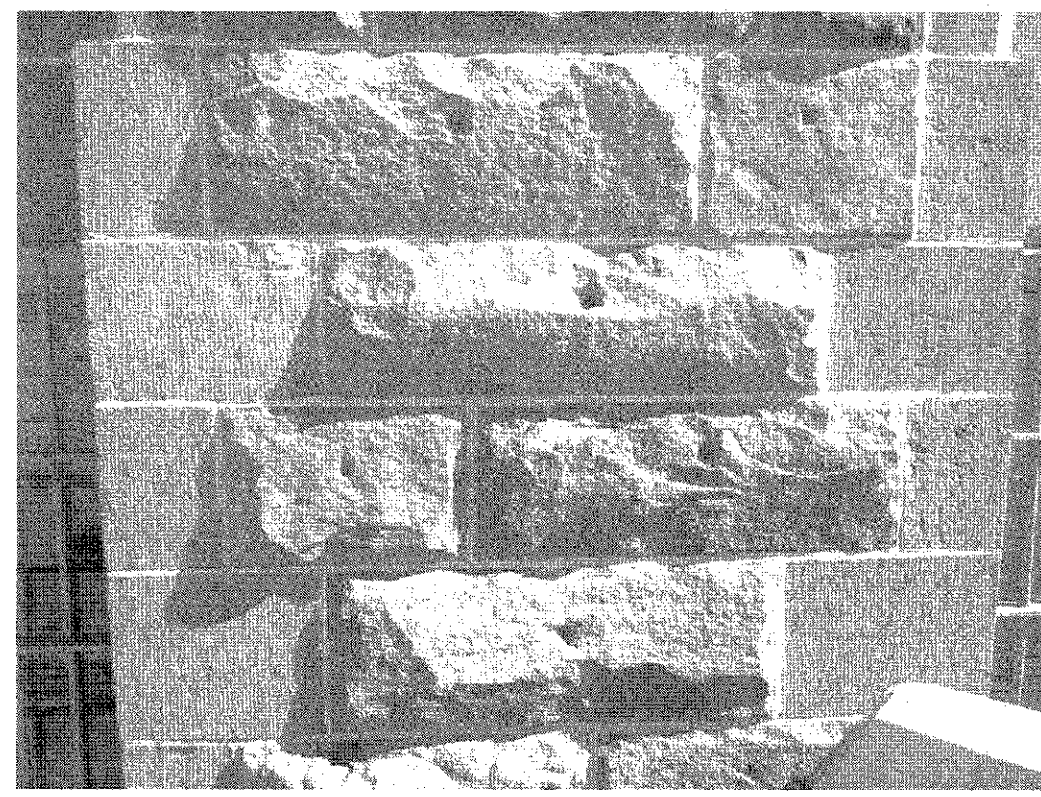




1 CRACK IN STONE LINTEL

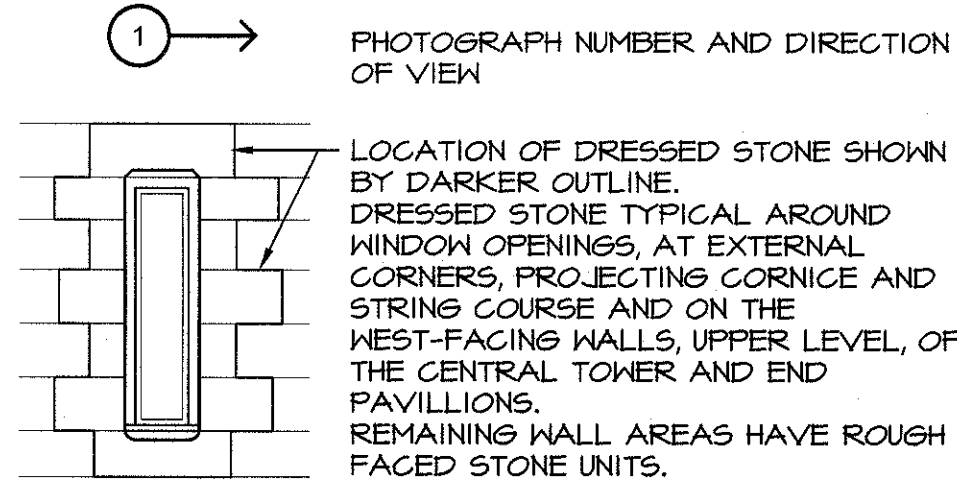


2 EXAMPLE OF STONE TEXTURE: ROUGH AND DRESSED



3 SURFACE CRACKS AND CRACK IN CORNER OF LINTEL

SYMBOLS:



ABBREVIATIONS:

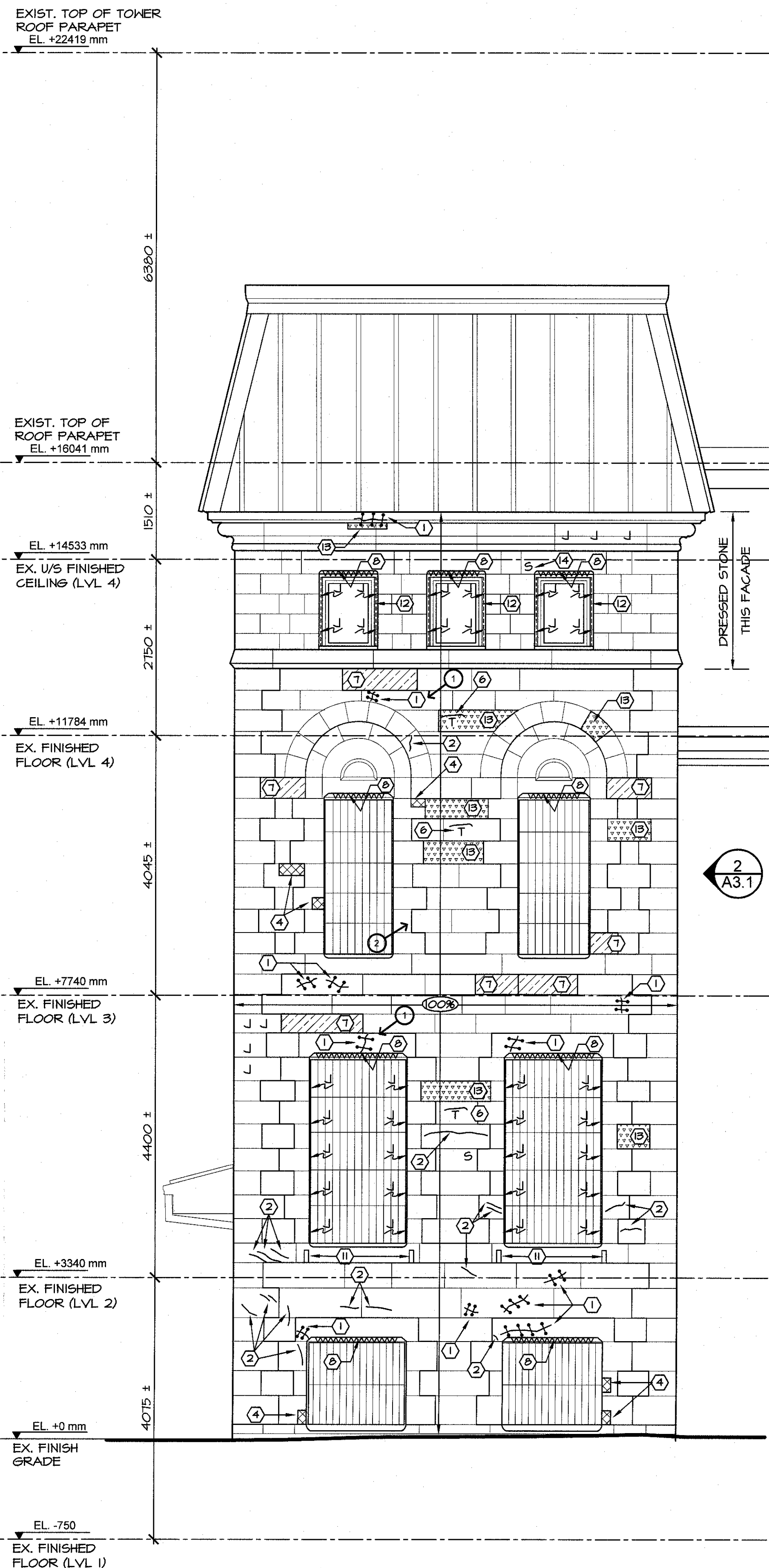
APS	EXISTING ANTI PIGEON SPIKES
LF	EXISTING LIGHT FIXTURE TO BE PROTECTED
NIC	NOT IN CONTRACT

GENERAL NOTES:

- REPOINT 100% OF ALL MASONRY JOINTS ON ALL WALLS OF THE BUILDING. ALLOW FOR 20% DEEP REPOINTING (GREATER THAN 150 mm. DEPTH) FOR EACH WALL.
- VERIFY ALL DIMENSIONS ON SITE.
- CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE TO EXISTING STONES SUCH AS, BUT NOT LIMITED TO, CHIPPED EDGES AND OTHER DAMAGE INCURRED DURING REPOINTING AND STONE REPAIR WORK. PHOTOGRAPHICALLY RECORD EXISTING CONDITIONS PRIOR TO START OF WORK AND SUBMIT RECORD TO DEPARTMENTAL REPRESENTATIVE.
- REMOVE AND CLEAN ALL STAINS, RUST STAINS, PIGEON DIRT, MINERAL DEPOSITS, AND OTHER STAINS FROM STONE SURFACES - REFER TO SPECIFICATIONS FOR PRESCRIBED MATERIALS AND METHODS OF CLEANING.
- REMOVE ALL BUILDING WALL MOUNTED SIGNS, LETTERING, HANDRAILS, ETC. AS MAY BE REQUIRED TO FACILITATE NEW REPOINTING AND STONE REPAIR WORK. STORE ALL REMOVED ITEMS IN SECURE LOCATION AND RE-INSTALL ITEMS IN THEIR ORIGINAL LOCATIONS IN GOOD CONDITION WHEN NEW WORK IS COMPLETED AND ACCEPTED BY THE DEPARTMENTAL REPRESENTATIVE. USE NEW STAINLESS STEEL FASTENERS SET IN CAULKING FOR REINSTALLATION.
- PROTECT EXISTING METAL ROOFING FROM DAMAGE DURING NEW WORK. MAKE GOOD ALL DAMAGE TO METAL ROOFING CAUSED BY NEW WORK.
- PROTECT EXISTING WINDOWS FROM DAMAGE DURING NEW WORK. MAKE GOOD ALL DAMAGE TO WINDOW FRAMES, FINISHES AND GLAZING CAUSED BY NEW WORK.
- ENSURE ALL BUILDING ENTRANCES AND EXITS REMAIN ACCESSIBLE AND OPERATIONAL DURING INSTITUTION'S REGULAR OPERATING HOURS FOR THE ENTIRE COURSE OF THE WORK. PROVIDE COVERED PROTECTIVE PEDESTRIAN HOARDING AT MAIN ENTRANCE - REFER TO SPECIFICATION SECTION 01 50 00 - TEMPORARY FACILITIES FOR REQUIREMENTS.

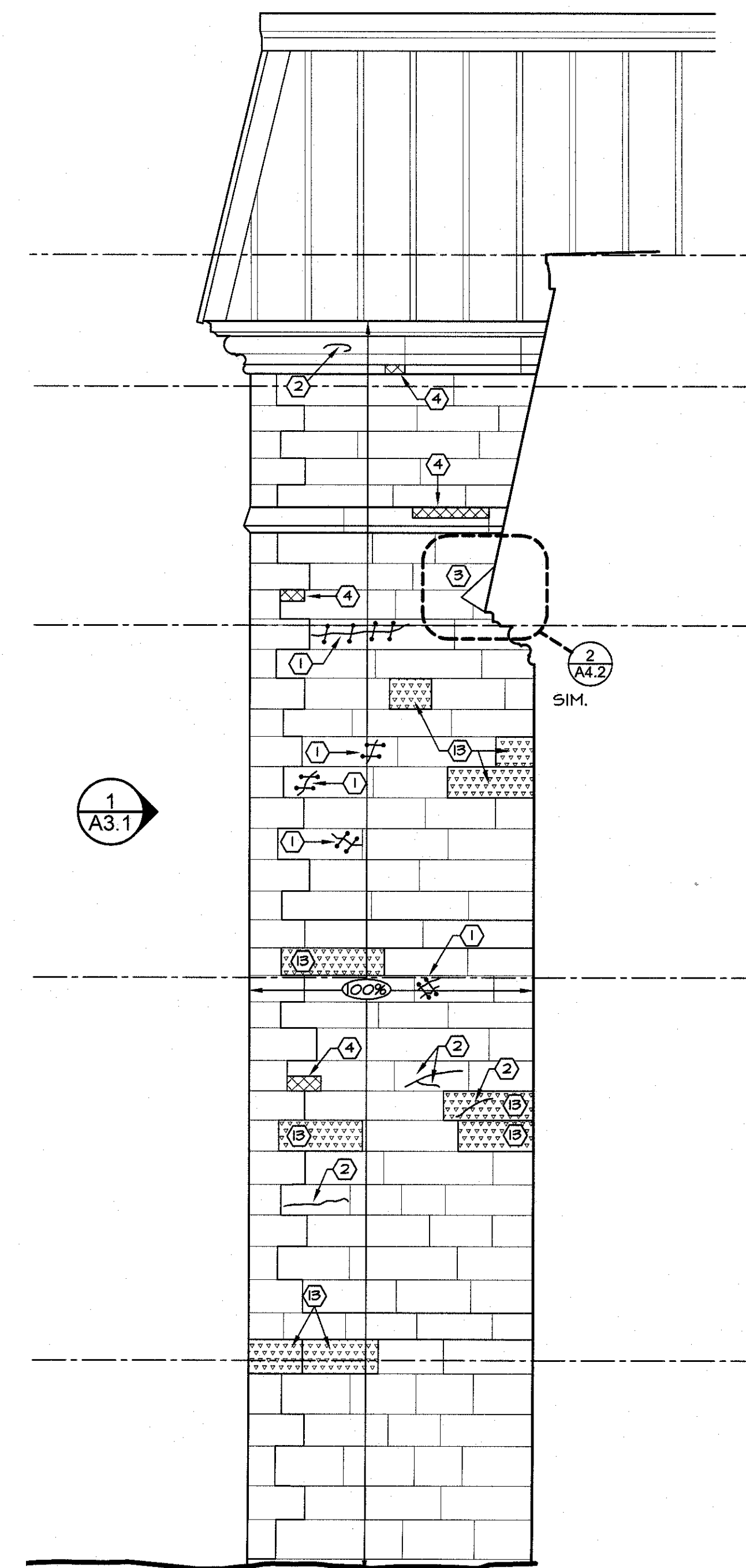
INTERVENTION LEGEND:

- REPOINTING:**
REPOINT DAMAGED JOINTS IN THE DEFINED AREA IN ACCORDANCE WITH THE INDICATED PERCENTAGE, AS DESCRIBED IN THE SPECIFICATIONS. THE QUANTITY OF WORK CAN VARY $\pm 10\%$ OF THE INDICATED QUANTITIES.
- PIN AND FILL REPAIR:**
INSERT THREADED STAINLESS STEEL RODS (12MM X LENGTH AS REQUIRED) AND FLOOD IN PLACE WITH EPOXY. FINISH CRACKS WITH RESTORATION MORTAR, COLOUR AND TEXTURE TO MATCH EXISTING STONE. SEE TYPICAL DETAIL 4/A4.1.
- SURFACE CRACK REPAIR (D4L):**
REMOVE ANY EXISTING REPAIRS (SEALANT, EPOXY OR REPAIR MORTAR ETC) AND CLEAN OFF ALL DIRT. APPLY PIGMENTED DISPERSED HYDRATED LIME (D4L) TO THE SURFACE CRACKS - SEE TYPICAL DETAIL 5/A4.1.
- REGULATED STONE:**
CAREFULLY CUT STONE PROJECTION TO ALLOW WATER TO FLOW FREELY DOWN THE STONE FACE. MATCH TEXTURE OF EXISTING STONE.
- DUTCHMAN REPAIR:**
PARTIAL STONE REPLACEMENT WITH PIECE OF STONE CARVED TO FIT. STONE TO MATCH TYPE, COLOUR, TEXTURE AND STRENGTH OF ORIGINAL STONE. ATTACH NEW STONE WITH THREADED STAINLESS STEEL ROD; DIMENSIONS TO BE DETERMINED IN ACCORDANCE WITH THE STONE'S THICKNESS. FILL THE SPACE BETWEEN THE STONE AND THE DUTCHMAN WITH 50% INJECTION GROUT. FINISH OFF THE CIRCUMFERENCE OF NEW STONE WITH A MIXTURE OF RESTORATION MORTAR. SEE TYPICAL DETAILS 6/A4.1 AND 7/A4.1.
- HOLE TO FILL:**
APPLY RESTORATION MORTAR MIXTURE TO CONCEAL THE HOLES. IF THE OPENING EXCEEDS 35 MM, PROVIDE A DUTCHMAN. SEE TYPICAL DETAIL 12/A4.1.
- TABLETTE:**
CARVE OVERHANGING PIECE OF STONE SO AS TO PROVIDE A SLOPE THAT WILL NOT ALLOW RAINWATER OR SNOW TO ACCUMULATE ON THE STONE SURFACE.
- REPLACEMENT STONE:**
REPLACEMENT STONES ARE TO HAVE THE SAME PROFILE AS ORIGINALS. COMPLETELY REMOVE EXISTING DAMAGED STONE AND MORTAR. CUT NEW STONE ACCORDING TO EXISTING PROFILE AND FINISH. POINT JOINTS WITH MORTAR. USE A NEW STONE OF THE SAME KIND, COLOUR, TEXTURE, PROFILE AND QUALITIES AS ORIGINAL. ENSURE STABILITY OF WALL DURING WORKS. SEE TYP. STONE REPLACEMENT DETAIL 11/A4.1.
- DRIP EDGE:**
PROVIDE A SILICONE DRIP EDGE TO THE UNDERSIDE OF THE STONE WINDOW LINTEL WITH CLEAR SILICONE: 10MM X 10MM AND 25MM FROM EDGE OF LINTEL. SEE TYPICAL DETAIL 5/A4.1.
- INSTALL NEW FLASHING:**
CLEAN ALL SURFACES. CUT NEW REGLET IN STONE COURSE ABOVE AND INSTALL NEW FLASHING AS PER TYPICAL DETAIL 3/A4.1.
- RESET STONE:**
STONE TO BE GENTLY REMOVED AND RESET. TAKE CARE NOT TO DAMAGE EXISTING STONE BEING RESET. REFER TO SPECIFICATION SECTION 04 23 07 AND 04 23 42.
- REMOVE METAL ANCHORS:**
REMOVE REMAINS OF EXISTING METAL ANCHORS AND BRACKETS FROM WALL. APPLY RESTORATION MORTAR MIXTURE TO CONCEAL THE HOLES. IF THE OPENING EXCEEDS 35 MM, PROVIDE A DUTCHMAN.
- CAULKING:**
REMOVE ALL EXISTING CAULKING FROM AROUND OPENINGS, AND CLEAN ALL SURFACES. PRIME SURFACES TO BE CAULKED AND APPLY CONTINUOUS CAULKING ALONG PERIMETER OF OPENINGS. SEE TYPICAL DETAIL 4/A4.1.
- DRESS BACK STONE:**
STONE TO BE MANUALLY AND GENTLY DRESSED BACK. REMOVE RESIDUE AND PLATES OF SPALLED OR LOOSE STONES AND DELICATELY DRESS BACK STONE SURFACE (WITH SMALL HAND TOOLS AND PRECISION CHISEL) DELICATELY AND CONSISTENTLY TO THE SAME FINISH AS EXISTING STONE.
- SHARD REPAIR:**
RETAIN BROKEN PIECE OF STONE. GENTLY CLEAN SURROUNDING AREA AND SET SHARD IN PLACE WITH EPOXY RESIN REPAIR.
- RESTORATION MORTAR REPAIR:**
GENTLY REMOVE DAMAGED AREA AND LOOSE MATERIAL UNTIL SOUND SURFACE IS REACHED AND APPLY RESTORATION MORTAR TO MATCH COLOUR AND TEXTURE OF EXISTING STONE.
"J" WITH ARROW INDICATES SMALL REPAIR AREAS, APPROX. 30 MM X 30 MM, ON SURFACES WHICH ARE NOT VISIBLE ON ELEVATION DWS.
- METAL HANDRAIL REPAIRS:**
REMOVE ALL PAINT FINISH AND RUST SCALE FROM EXISTING METAL HANDRAIL. SAND AND CLEAN ALL SURFACES. PRIME AND REPAINT WITH NEW RUST-INHIBITING COATING (SEE SPECIFICATION SECTION 04 41 00).
- NEW PARAPET FLASHING:**
REMOVE EXISTING PREFINISHED METAL PARAPET FLASHING. INSTALL NEW WATERPROOFING MEMBRANE, PLYWOOD AND NEW PREFIN. METAL FLASHING.
- EXISTING ANTI-PIGEON SPIKES:**
EXISTING ANTI-PIGEON SPIKES TO REMAIN. UNDERTAKE REPAIRS IN THE AREA TO AVOID DAMAGING THE ANTI-PIGEON SPIKES.



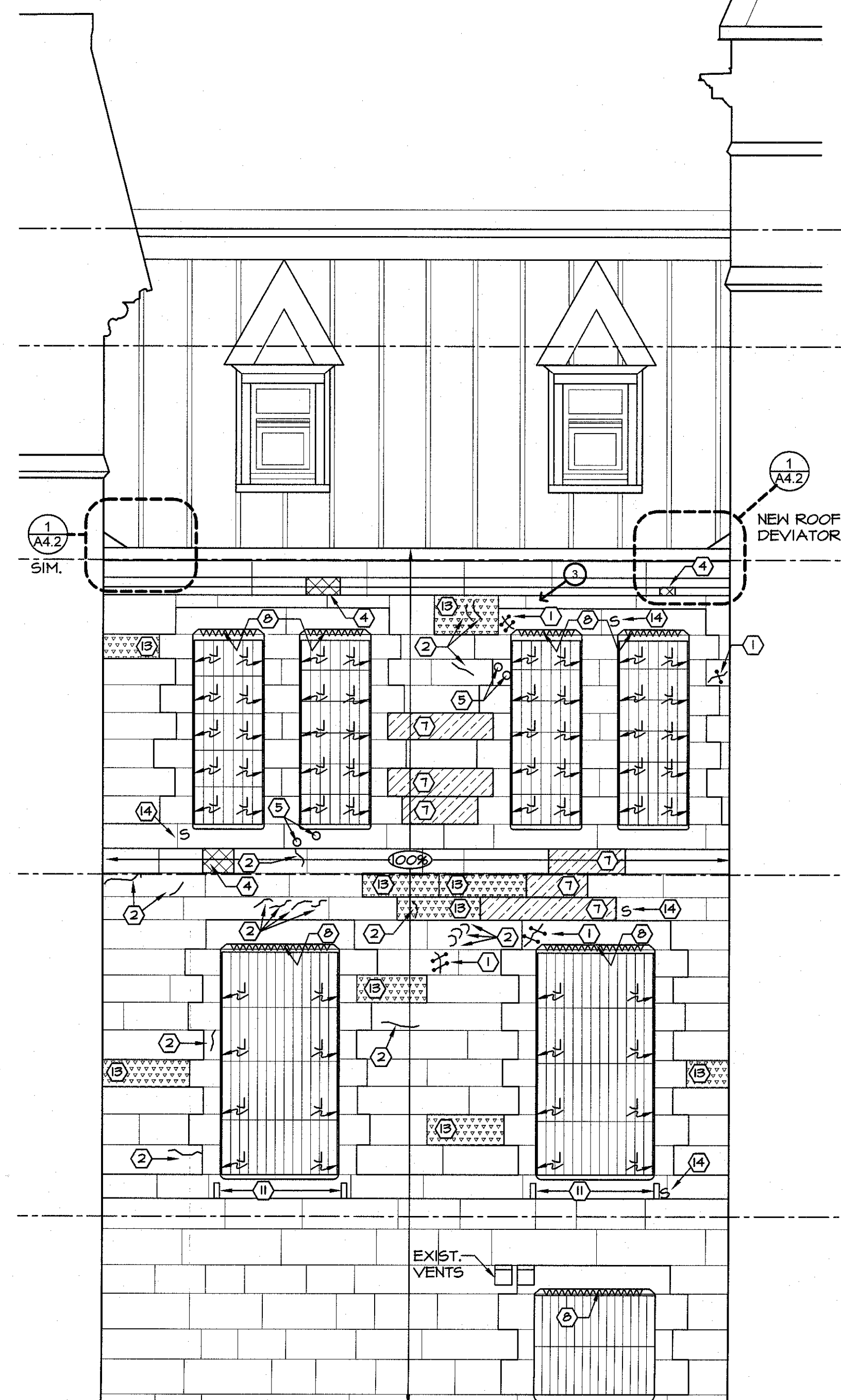
1 BAY #1 - WEST WALL

SCALE: 1:50



2 BAY #1 - SOUTH WALL

SCALE: 1:50



3 BAY #2 - WEST WALL

SCALE: 1:50