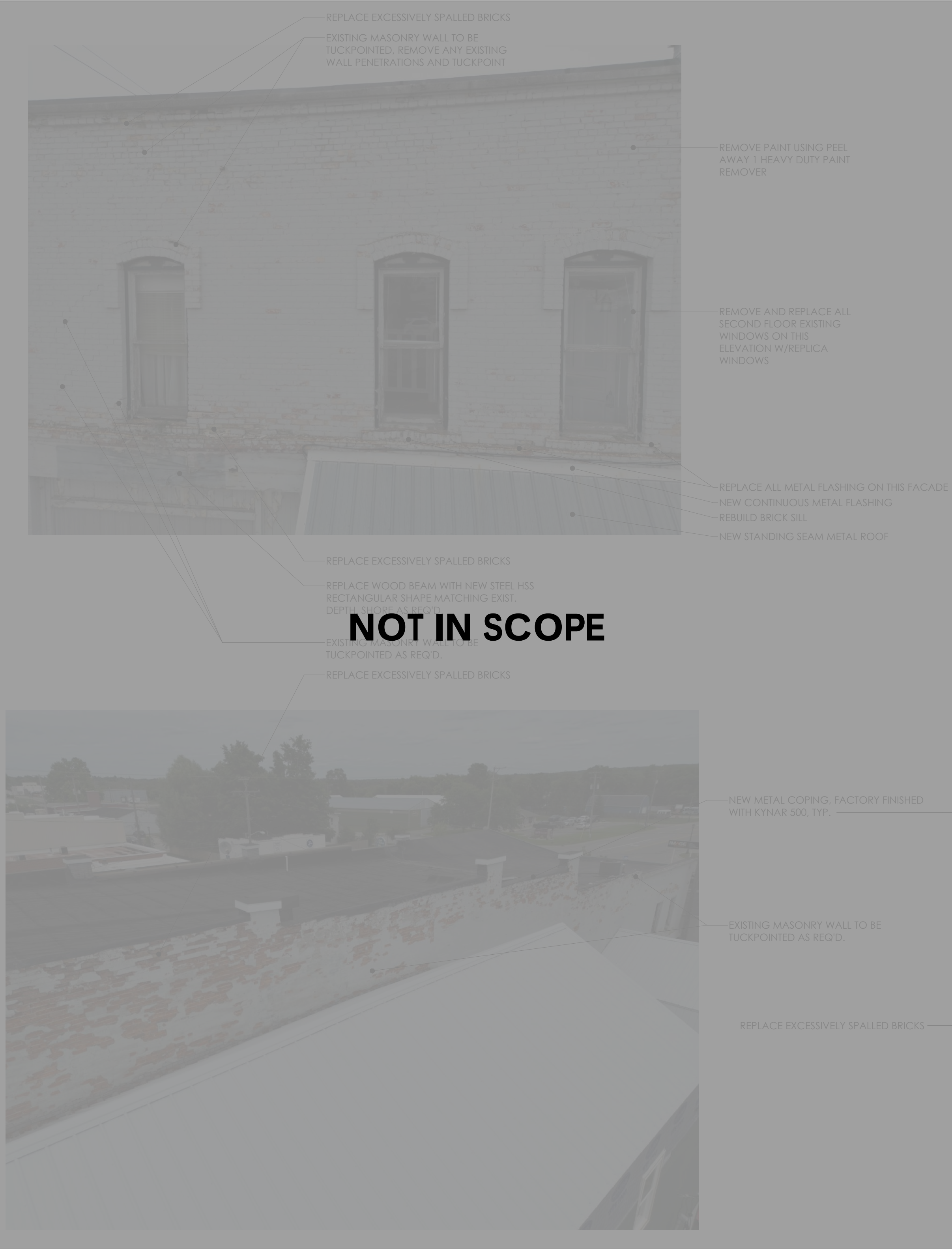


EXTERIOR SPECIFICATIONS

EXISTING MASONRY REPAIRS/CLEANING:

- **BRICK CLEANING SPECIFICATIONS:** ALL BRICK WILL BE CLEANED UTILIZING A PREWASH, ACID CLEANING WITH PROSOCO HEAVY DUTY RESTORATION CLEANER OR APPROVED EQUAL, FOLLOWED WITH A SECOND POWER WASHING. POWER WASH WITH NO GREATER THAN 700 PSI TIP (POINT OF IMPACT) STRENGTH. ALL POWER WASHING WANDS WILL HAVE STAND OFFS PROVIDED TO PREVENT DAMAGE. SAMPLE CLEANING WILL BE PROVIDED WITH THE STAND OFFS FOR THE OWNER 'S AND ARCHITECT'S INSPECTION AND ACCEPTANCE.
- **REPOINTING:** ALL MORTAR JOINTS THAT HAVE ERODED GREATER THAN 1/4" PAST THEIR ORIGINAL FACE SHALL REQUIRE REPOINTING. ALL MORTAR JOINTS WITH MINOR HOLES OR VOIDS THAT CAN BE PENETRATED WITH A 1/16" DIAMETER WIRE GREATER THAN ONE HALF OF THE BLOCK THICKNESS SHALL BE REPOINTED. THE FOLLOWING 16 STEPS TO PROPER RE-POINTING SHALL BE FOLLOWED:
 1. MORTAR MATCHING SHALL BE ACHIEVED VIA MATCHING PRE-MADE BISCUITS, FOLLOWED BY AN ONSITE MATCH TO BE VERIFIED BY THE OWNERS REPRESENTATIVE PRIOR TO REPOINTING.
 2. MIX DESIGN SHALL BE A LIME PUTTY-BASED TYPE K MORTAR WITH MATCHING AGGREGATE TO ACHIEVE NATIONAL PARK STANDARDS OF PROPER BOND AND SAME OR LOWER COMPRESSIVE STRENGTH AS THE MATCHING MORTAR AT 365 DAYS.
 3. REMOVE DETERIORATED MORTAR (A MINIMUM DEPTH OF TWO TIMES THE WIDTH OF MORTAR JOINT). ALL PROCEDURES WILL FOLLOW THE CURRENT OSHA STANDARD FOR SILICA DUST CONTROL WHEN PERFORMING THIS WORK.
 4. BRUSH, VACUUM, OR WATER FLUSH TO REMOVE DEBRIS IN THE JOINT.
 5. THROUGH CLOSE EXAMINATION DETERMINE THE EXTENT OF DETERIORATION IN THE JOINT AND SURROUNDING AREA.
 6. REWORK THE JOINT, AS NECESSARY.
 7. AIR BLAST TO REMOVE DEBRIS IN THE JOINT.
 8. WATER-SOAK THE BLOCK (TO SATISFY THE POROSITY OR THIRST OF THE BRICK).
 9. PRE-WET TO REDUCE THE AMOUNT OF INITIAL DEHYDRATION OF THE MORTAR THAT IS ABOUT TO BE REPLACED.
 10. DELIVER MORTAR TO THE PREPARED JOINT. SEVERAL LAYERS MAY BE REQUIRED TO FILL THE JOINT FLUSH WITH THE OUTER SURFACE OF THE MASONRY.
 11. STRIKE BACK (TOOLING THE JOINT TO MATCH THE EXISTING HISTORIC JOINT).
 12. CUT BACK THE JOINT TO RECESS THE FINAL MORTAR SLIGHTLY FROM THE FACE OF THE MASONRY.
 13. WAIT FOR THE MORTAR TO SET UNTIL IT IS READY TO BE COMPACTED.
 14. DRY BRUSH COMPACT THE JOINTS TO ALLOW FOR FURTHER DEVELOPMENT OF A BOND BETWEEN OLD MORTAR AND BLOCK.
 15. PRE-WET TO SATURATE THE BRICK IN PREPARATION FOR THE LAST STEP.
 16. WEATHERING WASH TO MATCH THE OLD AND NEW MASONRY.

EXTERIOR PHOTOGRAPHS/SPECIFICATIONS



NOT IN SCOPE



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