

Photo #1 - Stair 1



Photo #2 - Stair 2



Photo #3 - Stair 3

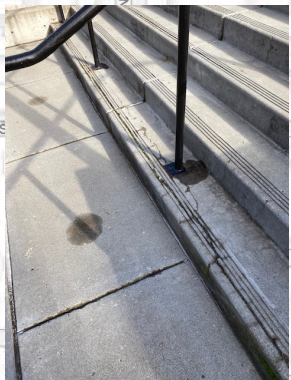
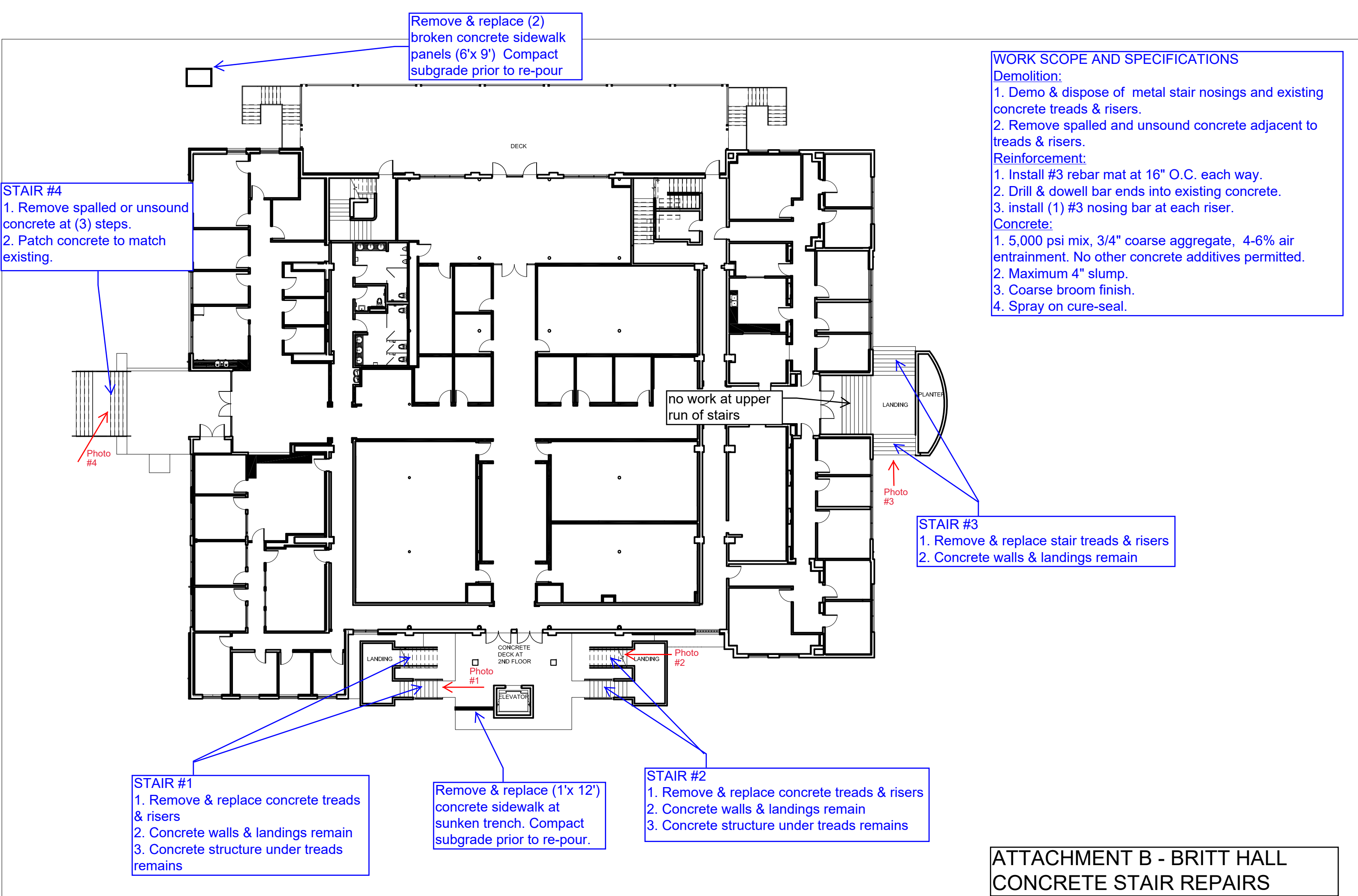


Photo #4 - Stair 4



Remove & replace (2) broken concrete sidewalk panels (6'x 9') Compact subgrade prior to re-pour

STAIR #4
1. Remove spalled or unsound concrete at (3) steps.
2. Patch concrete to match existing.

WORK SCOPE AND SPECIFICATIONS

Demolition:

1. Demo & dispose of metal stair nosings and existing concrete treads & risers.
2. Remove spalled and unsound concrete adjacent to treads & risers.

Reinforcement:

1. Install #3 rebar mat at 16" O.C. each way.
2. Drill & dowell bar ends into existing concrete.
3. install (1) #3 nosing bar at each riser.

Concrete:

1. 5,000 psi mix, 3/4" coarse aggregate, 4-6% air entrainment. No other concrete additives permitted.
2. Maximum 4" slump.
3. Coarse broom finish.
4. Spray on cure-seal.

no work at upper run of stairs

STAIR #3
1. Remove & replace stair treads & risers
2. Concrete walls & landings remain

STAIR #1
1. Remove & replace concrete treads & risers
2. Concrete walls & landings remain
3. Concrete structure under treads remains

Remove & replace (1'x 12') concrete sidewalk at sunken trench. Compact subgrade prior to re-pour.

STAIR #2
1. Remove & replace concrete treads & risers
2. Concrete walls & landings remain
3. Concrete structure under treads remains