Phase II Waterproofing Repairs
Building A, F, G and Walkway Between Buildings B and C
1. REMOVE (E) TOPPING SLAB AND WATERPROOFING SYSTEM.
2. COMPLETELY REMOVE (E) PLANTERS, PLANTS, SOIL, IRRIGATION, ELECTRICAL AND WATERPROOFING. PROPERLY CAP AND SEAL (E) IRRIGATION AND ELECTRICAL LINES BELOW STRUCTURAL SLAB AND FILL HOLES WITH NON-SHRINK GROUT.
3. REMOVE (E) PLAZA DRAINS. (E) DRAIN PIPING TO REMAIN.
4. SAW CUT (E) TOPPING SLAB.
5. REMOVE (E) EXPANSION JOINT.
6. REMOVE AND DISPOSE OF ALL PLASTIC TRAPS, TUBES AND BUCKETS LOCATION IN INTERIOR SPACES.
1. Remove (E) Topping Slab and Waterproofing Membrane.
2. Completely remove (E) planters, plants, soil, irrigation, electrical and waterproofing. Properly cap and seal (E) irrigation and electrical lines below structural slab and fill holes with non-shrink grout.
3. Remove (E) planter drains and piping and properly cap below podium deck. Drill (E) podium and install two ¼" dia. SS threaded rod dowels and completely fill drain opening with non-shrink grout.
4. Saw cut (E) Topping Slab.
5. Remove (E) Expansion Joint.
6. Remove and dispose of all plastic traps, tubes and buckets located in interior spaces.
7. Remove signage and trash cans on temporary basis. Return/replace at end of project.
BASE BID:  BUILDING G - PARTIAL SECOND FLOOR DEMOLITION PLAN

LEGEND

1. REMOVE (E) WATERPROOFING MEMBRANE AND TOPPING SLAB, PLANTERS, BENCHES OR OTHER OVERBURDEN
2. REMOVE (E) DRAIN
3. REMOVE (E) TOPPING SLAB EXPANSION JOINT
4. REMOVE (E) TOPPING SLAB CONTROL JOINT OR DECORATIVE JOINT

KEY NOTES

1. REMOVE (E) TOPPING SLAB AND WATERPROOFING SYSTEM.
2. COMPLETELY REMOVE (E) PLANTERS, PLANTS, SOIL, IRRIGATION, ELECTRICAL AND WATERPROOFING.
   PROPERLY CAP AND SEAL (E) IRRIGATION AND ELECTRICAL LINES BELOW STRUCTURAL SLAB AND FILL HOLES WITH NON-SHRINK GROUT.
   REMOVE (E) PLANTER DRAINS AND Piping AND PROPERLY CAP BELOW PODIUM DECK.
   DRILL (E) PODIUM AND INSTALL TWO ¼" DIA. SS THREADED ROD DOWELS AND COMPLETELY FILL DRAIN OPENING WITH NON-SHRINK GROUT
3. REMOVE (E) PLAZA DRAINS. (E) DRAIN PIPING TO REMAIN.
4. SAW CUT (E) TOPPING SLAB.
5. EXTENT OF WORK TO STOP AT TOP OF STAIRS.
6. REMOVE AND DISPOSE OF ALL PLASTIC TRAPS, TUBES AND BUCKETS LOCATION IN INTERIOR SPACES.
7. RELOCATE GARBAGE CAN TEMPORARILY AND REPLACE AT END OF PROJECT.

KEY PLAN

SCALE: 1/8" = 1'-0"
Key Notes:
1. Install waterproofing and topping slab to replace (E).
2. Install clay tile to replace (E).
3. Install drain to replace (E).
4. Install expansion joint to replace (E).
5. Remove old brick wall, apply new brick wall and install new waterproofing.
6. Exterior electrical plug. Replace (E) and provide watertight/weatherproof assembly.
7. Provide 2% slope at topping slab level to drains, TYP.
8. S.S. flashing shall be flush and even and shall be smooth without "in and out" or "wavy" appearance.

Legend:
- HRA waterproofing to replace (E).
GENERAL SHEET NOTES

A. None.

KEY NOTES

1. INSTALL WATERPROOFING AND TOPPING SLAB TO REPLACE (E).
2. INSTALL WATERPROOFING AND TOPPING SLAB TO REPLACE (E) PLANTERS.
3. INSTALL DRAIN TO REPLACE (E).
4. INSTALL EXPANSION JOINT TO REPLACE (E).
5. REFER TO INFORMATION ON DRAWING 4520_A121.dwg, SHEET 5, FOR MORE INFORMATION.
6. CLEAN OFF, GRIND OFF, SCRAPE OLD SEALANT AND SEALANT RESIDUE.
7. EXTERIOR ELECTRICAL PLUG. REPLACE (E) AND PROVIDE WATERTIGHT / WEATHERPROOF ASSEMBLY.
8. S.S. FLASHING SHALL BE FLUSH AND EVEN AND SHALL BE SMOOTH WITHOUT "IN AND OUT" OR "WAVY" APPEARANCE.
9. PROVIDE 2% SLOPE AT TOPPING SLAB LEVEL TO DRAINS, TYP.
10. INCLUDE SLOPING COURSE AWAY FROM BUILDING WHERE INDICATED.
**Phase II Waterproofing Repairs**

Building A, F, G and Walkway Between Buildings B and C

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Oakland, CA 94607

**Interior Planter Seat**

Demolish all existing flashings and as described in detail drawings.

**Planters**

Demolish & dispose of all existing planters.

**Expansion Joints**

Perform the planter demolition work. Insulation or if damaged, replacement to work includes removal and reinstallation of plywood form work and rebars. Carefully check surface and termination bars. Photo indicates 5" thickness of topping slab. Terminate and seal expansion joint assembly along entire length and properly bond breaker tape and sealant over existing sealant with bond breaker tape and sealant. Install sealant window jamb cover plate and re-use existing window frames upon completion of waterproofing system.

**Waterproofing**

Demolish the planter seats. Note the existing structural deck. Capping of all electrical, plumbing, and protection layers, including concrete surfaces to achieve waterproofing from brick and fixtures below the structural deck. Contractor shall note that contract work includes carefull disconnection and disconnecting all electrical wiring and control wiring below the structural deck.

**Brick & Flashings**

Demolish & dispose of all existing planters.

**Windows**

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FOR:

Oakland, CA 94607
INTERIOR WORK - PLUMBING

SCALE: NOTED ON DRAWINGS

SHALL BE INCLUDED AS PART OF THIS BID. DISASSEMBLY AND RECONNECTION TO PERFORM PLUMBING WORK AT SOME LOCATIONS WHICH CONTRACTOR SHALL NOTE THAT DUCTWORK AND OTHER APPURTENANCES WILL REQUIRE SCREENS WILL NEED TO BE CAREFULLY DETACHED AND REATTACHED TO ACCESS THE CEILINGS.

ADDITIONAL PIPE HANGERS

BID SUBMISSION. CONTRACTOR SHALL NOTE THAT SOME FINISHES SUCH AS ARCHITECTURAL CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE INTERIOR CONDITIONS PRIOR TO REMOVE AND REINSTALL FINISHES SUCH AS CEILING TILE AND INSULATION TO PERFORM WORK.

REMOVE AND REPLACE ALL PODIUM/DECK DRAINS AND DRAIN LINES AND REPORT ANY CLOGGED DRAINS TO THE COLLEGE AND ENGINEER.

WATER TEST ALL DRAINS AND LEADER PIPING. PRIOR TO START OF WORK, WATER TEST ALL PROTECTION LAYERS, INCLUDING WATERPROOFING SYSTEM AND ALL DRAWN BY CAD DWG FILE PROJECT NO. 4520_A201.dwg

ISSUE FOR: 1. SEE NOTE 1

Date Description

SEE NOTE 1

SEE NOTE 1

SEE NOTE 1

SEE NOTE 1

SEE NOTE 1

SEE NOTE 1

SEE NOTE 1

SEE NOTE 1

SEE NOTE 1

SEE NOTE 1
**BRICK AND CONCRETE COATING**

13

A203

**MEMBRANE TIE-IN**

10

A203

**TIPPING SLAB AT STAIR LANDINGS**

7

A203

**DOOR AND WINDOW ASSEMBLY JOINTS**

4

A203

**DOOR JAMB**

1

A203

**BRICK AND CONCRETE COATING AND BRICK DAMAGE**

11

A203

**TIPPING SLAB AT STAIR LANDINGS**

8

A203

**DOOR HEAD**

5

A203

**WINDOW JAMB AND HEAD**

2

A203

**BRICK DAMAGE REPAIR**

12

A203

**TIPPING SLAB AT STAIR LANDINGS**

9

A203

**WINDOWS AND BRICK**

6

A203

**WINDOW JAMB**

3

A203

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- **BRICK AND CONCRETE COATING**
  - Apply waterproof membrane directly on existing brick and concrete, with no gaps or gaps in the brickwork.
  - Ensure that all gaps are filled with waterproof material.

- **MEMBRANE TIE-IN**
  - Install membrane tie-in at all necessary locations.

- **TIPPING SLAB AT STAIR LANDINGS**
  - Install tipping slab at stair landings to ensure proper drainage.

- **DOOR AND WINDOW ASSEMBLY JOINTS**
  - Install joints between the door and window frames, ensuring proper sealing.

- **DOOR JAMB**
  - Install jamb to ensure proper fit and sealing.

- **BRICK AND CONCRETE COATING AND BRICK DAMAGE**
  - Apply waterproof membrane on brick and concrete, with attention to damaged areas.

- **TIPPING SLAB AT STAIR LANDINGS**
  - Install tipping slab at stair landings for drainage.

- **DOOR HEAD**
  - Install door head, ensuring proper fit and sealing.

- **WINDOW JAMB AND HEAD**
  - Install window jamb and head, ensuring proper fit and sealing.

- **BRICK DAMAGE REPAIR**
  - Repair brick damage, ensuring a proper fit and seal.

- **WINDOWS AND BRICK**
  - Install windows and brick, ensuring proper fit and sealing.

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**Location:** Laney College

**Address:** Oakland, CA 94607

**Contact:** 510-467-7303

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**Bid Set - 02/16/2018**
F BLDG - RAILS, CUT, REMOVE, AND REWELD TO ACCOMODATE DEMO

F BLDG - AREA THAT TUCKS - NOTE AT DOORS

F BLDG - CRACK ABOVE LIGHT FIXTURE

VIEW OF DOOR - PHOTO

CORRIDOR - PHOTO

F BLDG - BOXES AND PENETRATIONS AT WALLS

CRACK AT F BLDG - PHOTO

C BLDG - BRICK WALL TO BE REPOINTED

DOOR THRESHOLD - PHOTO

F BLDG - REPOINTING OF ENTIRE WALL SURFACE

F BLDG - CRACKS AT BRICK

ELECTRICAL PENETRATION - PHOTO

C BLDG - WALKWAY AREA

STAIRS - WORK TERMINATION TOP TREAD

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[Diagrams showing various aspects of waterproofing and concrete work, including:

- **Step 1**: Tackling Pipe Penetration
  - Describes the process of managing pipe penetrations with proper sealing and material placement.

- **Step 2**: Handling Drain Replacement
  - Explains the installation of drainage systems, focusing on creating waterproof seals.

- **Step 3**: Base of Wall at Storefront Sill
  - Details the installation process at the base of storefront sills, ensuring waterproofing integrity.

- **Step 4**: Typical Podium Waterproofing System
  - Outlines the general system for waterproofing podiums, including key materials and techniques.

- **Step 5**: Demolition at (E) Topping Slab to Remain
  - Guides the removal and replacement of topping slabs, maintaining waterproofing standards.

- **Step 6**: Inside Corner Reinforcement
  - Provides instructions for reinforcing inside corners, ensuring structural integrity and waterproofing.

- **Step 7**: Stair Head
  - Focuses on stair head installations, ensuring both functionality and waterproofing.

- **Step 8**: Door Threshold
  - Details the installation of door thresholds, including waterproofing considerations.

- **Step 9**: Outside Corner Reinforcement
  - Guides the reinforcement of outside corners, crucial for maintaining waterproofing integrity.

- **Step 10**: Tie-In to (E) Waterproofing
  - Explains the integration of waterproofing systems, particularly at key junctions.

- **Step 11**: Topping Slab Tie-In to (E)
  - Describes the connection of topping slabs, emphasizing waterproofing details.

- **Step 12**: Base of Wall at Concrete Wall
  - Highlights the installation process at the base of concrete walls, focusing on waterproofing.

- **Step 13**: Cleaning and Preparation
  - Prepares surfaces for work, focusing on creating a clean, ready environment for waterproofing.

- **Step 14**: Masonry Protection Course
  - Guides the installation of protective courses for masonry, ensuring waterproofing layers.

- **Step 15**: Expansion Joints
  - Details the installation of expansion joints, maintaining waterproofing integrity in critical areas.

- **Step 16**: Continuous Sealant
  - Emphasizes the use of continuous sealants for ensuring a waterproof seal.

The document contains detailed instructions and diagrams for the installation of waterproofing systems, ensuring durability and functionality. Each step is accompanied by specific materials and techniques, tailored to different aspects of concrete and masonry work. The overall goal is to create a robust waterproofing system that withstands various environmental conditions.
SCALE: 3" = 12" NOTE: SOME ASSEMBLIES EXPLODED FOR CLARITY. DO NOT SCALE DETAILS.

PEDESTRIAN COATING TRANSITION TO COURTYARD

TYPICAL PEDESTRIAN COATING

BASE OF Wall

TYPICAL PEDESTRIAN COATING

BASE OF WALL

TYPICAL TRAFFIC COATING

V.I.F.

DO NOT RUN ONTO BRICK

3" 3"

TYPICAL TRAFFIC COATING

SYSTEM SEE DETAIL 1/A603

BACKER ROD AND

TRAFFIC GRADE SEALANT

CONCRETE TOPPING SLAB TO REPLACE (E)

(E) STRUCTURAL STAIR LANDING

DRAIN MAT

NEOPRENE REINFORCING

HRA WATERPROOFING

3"

1"

SLOPE

SLOPE

POLYMER MODIFIED SLOPING COURSE, 2% MIN SLOPE

NEOPRENE REINFORCING

4520_A601.dwg

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Phase II Waterproofing Repairs
Building A, F, G and Walkway Between Buildings B and C

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Bid Set

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