REHABILITATE SALT RIVER VISITOR CONTACT STATION
SALT RIVER BAY NATIONAL HISTORICAL PARK & ECOLOGICAL PRESERVE

DESIGN DEVELOPMENT: COST ESTIMATE

SUBMITTAL

2/3/2021
This drawing is not to be used for construction purposes unless signed and sealed by the Engineer of Record and stamped "Approved For Construction." Use of this drawing for quantity take-offs and pricing is preliminary until all applicable permits have been obtained.

11/13/2020

JTP

KV

SCALE IN FEET

0

15

30

50

70

90
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**Construction Entrance - General Notes**
- Concrete block entrance should be used for the construction entrance.
- Flat-bottom trench detail should be used for the construction entrance.
- Tree protection details should be followed.

**Concrete Washout Details**
- Swpp mounting post should be used.
- Erosion & Sediment Control Details should be followed.

**Silt Fence Details and Notes**
- Construction entrance - general notes should be followed.
- Concrete washout details should be followed.
- Diversion dike should be followed.

**Construction Entrance - Inspection & Maintenance**
- Regular inspections of construction entrance should be performed.
- Tree protection details should be followed.

**Concrete Washout Details**
- Swpp mounting post should be used.
- Erosion & Sediment Control Details should be followed.

**Silt Fence Details and Notes**
- Construction entrance - general notes should be followed.
- Concrete washout details should be followed.
- Diversion dike should be followed.
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**Type A Inlet Protection Detail**

**Plan Symbol**

**Type A - Filter Fabric Requirements**

- The filter fabric shall be a minimum of 6 oz. (400 g/m²) and shall have a maximum tenacity of 6,000 lb (27,100 N).
- The filter fabric shall be installed in a manner that ensures proper drainage and stability of the substrate.
- The filter fabric shall be supported by an underlying lay of stone or gravel.

**Type A - Inspection & Maintenance**

- Regular inspections shall be conducted to ensure the integrity of the filter fabric and underlying substrate.
- Maintenance shall include the removal of any debris or obstructions that may affect the performance of the filter fabric.

**Type A - Post Requirements**

- The project shall be inspected by the Engineer of Record to verify compliance with the design specifications.
- The completed project shall be reviewed by the appropriate regulatory bodies to ensure compliance with all applicable codes and standards.

**Filter Fabric Burial Detail**

**Filter Fabric Installation Detail**

**Post Installation Detail**

**NOT TO SCALE**

**Type A Inlet Protection Detail**

**Plan Symbol**

**Type A - Filter Fabric Requirements**

- The filter fabric shall be a minimum of 6 oz. (400 g/m²) and shall have a maximum tenacity of 6,000 lb (27,100 N).
- The filter fabric shall be installed in a manner that ensures proper drainage and stability of the substrate.
- The filter fabric shall be supported by an underlying lay of stone or gravel.

**Type A - Inspection & Maintenance**

- Regular inspections shall be conducted to ensure the integrity of the filter fabric and underlying substrate.
- Maintenance shall include the removal of any debris or obstructions that may affect the performance of the filter fabric.

**Type A - Post Requirements**

- The project shall be inspected by the Engineer of Record to verify compliance with the design specifications.
- The completed project shall be reviewed by the appropriate regulatory bodies to ensure compliance with all applicable codes and standards.

**Filter Fabric Burial Detail**

**Filter Fabric Installation Detail**

**Post Installation Detail**
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Notes:
1. BASE: A - MOUNT SIGN ON TWO 7.5" WOOD POSTS
2. OPJEN: B - MOUNT SIGN ON NPS ALUMINUM RAIL AND REMOTE MOUNTING SYSTEM

Notes:
1. THE SIGN MATERIAL IS EASTERN RED CEDAR WITH METAL-REFLECTIVE BACKGROUND WITH TRANSPARENT OVERLAY GRAPHIC.
2. CONTRACTOR TO SUBMIT PROOFS AND SAMPLES TO THE CO FOR APPROVAL PRIOR TO CONSTRUCTION.
3. ALL SIGN CHANGES TO BE APPROVED BY CO PRIOR TO FABRICATION AND INSTALLATION.
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF SIGN MOUNTING FOR REVIEW AND APPROVAL TO CO PRIOR TO FABRICATION.
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**Permeable Pavement Construction:**

- **Step 1:** Installation of Permeable Pavers.
- **Step 2:** Gravel fill.
- **Step 3:** Compaction of gravel fill.
- **Step 4:** Placement of the gravel base layer.
- **Step 5:** Compaction of the gravel base layer.
- **Step 6:** Placement of the permeable pavers.
- **Step 7:** Gravel infill.
- **Step 8:** Compaction of gravel infill.

**Erosion and Sediment Controls:**

- **Permeable Pavement System:**
  - The permeable pavement system should be installed in accordance with the manufacturer's instructions. The permeable pavers should be properly aligned and compacted before the gravel fill is placed. The gravel fill should be compacted to a depth of 4-6 inches below the top of the permeable paver. The gravel fill should be properly drained to prevent water accumulation and erosion.
  - The permeable pavers should be installed in a manner that allows for proper drainage and water infiltration. The permeable pavers should be placed in rows, and the spacing between the rows should be maintained at a minimum of 1 inch.
  - The permeable pavers should be properly aligned and compacted to ensure proper drainage and water infiltration. The permeable pavers should be properly aligned and compacted to ensure proper drainage and water infiltration.

**Permeable Pavement Placement:**

- **Step 1:** Preparation of the base layer.
  - The base layer should be properly compacted to a depth of 4-6 inches below the top of the permeable paver. The base layer should be properly drained to prevent water accumulation and erosion.
  - The base layer should be properly compacted to a depth of 4-6 inches below the top of the permeable paver. The base layer should be properly drained to prevent water accumulation and erosion.

**Permeable Pavement Sealing:**

- **Step 1:** Sealing of the permeable pavers.
  - The permeable pavers should be sealed to prevent water accumulation and erosion. The sealing material should be properly applied to ensure proper drainage and water infiltration.
  - The permeable pavers should be sealed to prevent water accumulation and erosion. The sealing material should be properly applied to ensure proper drainage and water infiltration.

**Permeable Pavement Maintenance:**

- **Step 1:** Regular maintenance.
  - The permeable pavers should be regularly maintained to ensure proper drainage and water infiltration. The permeable pavers should be regularly maintained to ensure proper drainage and water infiltration.
  - The permeable pavers should be regularly maintained to ensure proper drainage and water infiltration. The permeable pavers should be regularly maintained to ensure proper drainage and water infiltration.

**Permeable Pavement Testing:**

- **Step 1:** Testing of the permeable pavers.
  - The permeable pavers should be tested to ensure proper drainage and water infiltration. The permeable pavers should be tested to ensure proper drainage and water infiltration.
  - The permeable pavers should be tested to ensure proper drainage and water infiltration. The permeable pavers should be tested to ensure proper drainage and water infiltration.
This drawing is not to be used for construction purposes unless signed and sealed by the Engineer of Record and stamped "Approved For Construction." Use of this drawing for quantity take-offs and pricing is preliminary until all applicable permits have been obtained.
This is a technical drawing of a pipe culvert project, detailing various aspects of the installation process. It includes tables with measurements and specifications, and diagrams illustrating the components and installation methods.

**Table 1: Pipe Culvert Specifications**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pipe Size (H)</td>
<td>24</td>
</tr>
<tr>
<td>Cover (IN)</td>
<td>12</td>
</tr>
<tr>
<td>Diameter (IN)</td>
<td>0.358</td>
</tr>
<tr>
<td>Minimum Wall Thickness</td>
<td>0.358</td>
</tr>
<tr>
<td>Maximum Fill Height (FEET)</td>
<td>1.477</td>
</tr>
<tr>
<td>Size</td>
<td>POLYETHYLENE/PE PLASTIC ROUND PIPE CULVERT</td>
</tr>
<tr>
<td></td>
<td>POLYVINYL CHLORIDE (PVC) PLASTIC ROUND PIPE CULVERT</td>
</tr>
</tbody>
</table>

**Diagram 1: Pipe Culvert Installation**

This diagram illustrates the installation process, showing the steps involved in placing the pipe culvert, including bedding, backfill, and final grading.

**Notes**

1. Bedding material should be placed in layers not over 6" thick, compacted to 95% of maximum proctor. Trench excavation should be backfilled in accordance with Section 614.
2. Compact pipe culvert bedding material in layers not over 6" thick. For rigid pavement, measure minimum cover from the top of the pipe culvert inlet to the top of the pavement. For flexible pavement and aggregate inlets, measure minimum cover from the top of the pipe culvert inlet to the midpoint elevation on the parabolic curve as designed exceeds the elevation of the pipe end section.
3. See Section 704 for bedding and backfill requirements.

**Diagram 2: Plastic Pipe Culvert Bedding**

This diagram shows the plastic pipe culvert bedding process, highlighting the importance of proper bedding material placement in layers not over 6" thick, compacted to 95% of maximum proctor. It also includes a note on the importance of installers not touching the pipe before it is properly compacted to meet design requirements.
NOTES:
1. STANDARD SLOPE IS 0.5% UNLESS OTHERWISE SPECIFIED
2. REINFORCE ACCORDING TO STRUCTURAL REQUIREMENTS
3. TRENCH DRAIN MUST BE 1-8" BELOW FINISHED CONCRETE GRADE
4. TRENCH DRAIN TO BE DURA TRENCH MANUFACTURED BY ERIC'SONS, INC. OR APPROVED EQUAL AND INSTALLED PER MANUFACTURER'S STANDARDS AND SPECIFICATIONS.

HEAVY DUTY GALVANIZED STEEL FRAME (ADA ACCESSIBLE) WITH 3" X 3" Ø CONCRETE ANCHORS
INSTALLATION BRACKETS FOR ALIGNING AND ANCHORING CATCH BASIN

SUMMARY:
- Slab thickness (4" min)
- 7" invert
- Heavy-duty steel frame (ADA accessible)
- Reinforcement according to structural requirements
- Trench drain above finished concrete grade
- Dura Trench manufactured by Eric'sons, Inc. or approved equal
- Heavy duty galvanized steel frame
- 3" x 3" Ø concrete anchors
- Installation brackets for aligning and anchoring catch basin
- Smooth precast polymer trench body
- ADA accessible cast iron grate with locking toggle
- Monolithic pour reinforce per structural requirements
- #4 installation bars
- Compacted earth
- Smooth precast polymer inline catch basin body
- Ships with plywood in top of trench to protect during concrete placement
- 3" x 3" Ø concrete anchors
- Rigid metal anchors and installation brackets
- 2" sealable connector flange

TYPICAL TRENCH OUTLET
TYPICAL TRENCH SECTION
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**Note:** Manhole frames and covers within 2500 piped feet of a pump station or other corrosive locations shall be East Jordan Iron Works #V1384 treated with the "MICROWEAR" process and dipped in "MICROTECT" polymer coating.
NOTES REQUIREMENTS
1. INLET BATTLE TO BE CAST IN PLACE.
2. CONCRETE SHALL BE MIN. 5,000 PSI.
3. REFER TO UTILITY PLAN FOR INCOMING/OUTGOING CONNECTION PIPES, SIZES, AND INSTALL ELEVATIONS.

NOTES REQUIREMENTS
1. 1000 US GALLON CAPACITY
2. 4 SELF SEALING INLETS FOR 6 INCH PIPE
3. POLYPROPYLENE INLET BATTLE 4.1 BACK SEALED OUTFIT
4. FIBER REINFORCEMENT THROUGHOUT
5. CONCRETE 5500 PSI MIN. (ASTM C 1227)
6. T&G JOINT SEALED WITH BUTYL SEALANT
7. COVERED BY NOMINAL DIAMETER
8. COVERED BY POLYPROPYLENE BATTLE WITH COATED STEEL HANDLES

1000 GALLON 2-COMPARTMENT SEPTIC TANK

SECTION A-A

SECTION B-B

TOP VIEW

4 Inlets
Outlet

NOTES / REQUIREMENTS:
1. 1000 US GALLON CAPACITY
2. 4 SELF SEALING INLETS FOR 6 INCH PIPE
3. POLYPROPYLENE INLET BATTLE 4.1 BACK SEALED OUTFIT
4. FIBER REINFORCEMENT THROUGHOUT
5. CONCRETE 5500 PSI MIN. (ASTM C 1227)
6. T&G JOINT SEALED WITH BUTYL SEALANT
7. COVERED BY NOMINAL DIAMETER
8. COVERED BY POLYPROPYLENE BATTLE WITH COATED STEEL HANDLES

1. INLET BATTLE TO BE CAST IN PLACE.
2. CONCRETE SHALL BE MIN. 5,000 PSI.
3. REFER TO UTILITY PLAN FOR INCOMING/OUTGOING CONNECTION PIPES, SIZES, AND INSTALL ELEVATIONS.

1000 GALLON 2-COMPARTMENT SEPTIC TANK

SECTION A-A

SECTION B-B

TOP VIEW

4 Inlets
Outlet

NOTES / REQUIREMENTS:
1. 1000 US GALLON CAPACITY
2. 4 SELF SEALING INLETS FOR 6 INCH PIPE
3. POLYPROPYLENE INLET BATTLE 4.1 BACK SEALED OUTFIT
4. FIBER REINFORCEMENT THROUGHOUT
5. CONCRETE 5500 PSI MIN. (ASTM C 1227)
6. T&G JOINT SEALED WITH BUTYL SEALANT
7. COVERED BY NOMINAL DIAMETER
8. COVERED BY POLYPROPYLENE BATTLE WITH COATED STEEL HANDLES

1. INLET BATTLE TO BE CAST IN PLACE.
2. CONCRETE SHALL BE MIN. 5,000 PSI.
3. REFER TO UTILITY PLAN FOR INCOMING/OUTGOING CONNECTION PIPES, SIZES, AND INSTALL ELEVATIONS.
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### Plant Schedule Base Bid - Building

<table>
<thead>
<tr>
<th>Code</th>
<th>Qty</th>
<th>Botanical / Common Name</th>
<th>Cont.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>COCA</td>
<td>10</td>
<td>COCCOTHRINAX ALTA / TYRE PALM</td>
<td>Container</td>
<td>Full to ground</td>
</tr>
<tr>
<td>HYMC</td>
<td>43</td>
<td>HYMENOCALLIS CARIBAEA / SPIDER LILY</td>
<td>Container</td>
<td></td>
</tr>
<tr>
<td>LANI</td>
<td>5</td>
<td>LANTANA INVOLUCRATA / WILD SAGE</td>
<td>Container</td>
<td></td>
</tr>
</tbody>
</table>

### Plant Schedule Option B - Adjacent to Building

<table>
<thead>
<tr>
<th>Code</th>
<th>Qty</th>
<th>Botanical / Common Name</th>
<th>Cont.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>HYMC</td>
<td>3</td>
<td>HYMENOCALLIS CARIBAEA / SPIDER LILY</td>
<td>Container</td>
<td></td>
</tr>
<tr>
<td>LANI</td>
<td>5</td>
<td>LANTANA INVOLUCRATA / WILD SAGE</td>
<td>Container</td>
<td></td>
</tr>
</tbody>
</table>

### Plant Schedule Option C - Upper Parking

<table>
<thead>
<tr>
<th>Code</th>
<th>Qty</th>
<th>Botanical / Common Name</th>
<th>Cont.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYND</td>
<td>3,477 SF</td>
<td>CYNODON DACTYLON / BERMUDA GRASS SEED</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Plant Schedule Option D - Lower Parking

<table>
<thead>
<tr>
<th>Code</th>
<th>Qty</th>
<th>Botanical / Common Name</th>
<th>Cont.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYND</td>
<td>3,070 SF</td>
<td>CYNODON DACTYLON / BERMUDA GRASS SEED</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Plant Schedule Option E - Driveway

<table>
<thead>
<tr>
<th>Code</th>
<th>Qty</th>
<th>Botanical / Common Name</th>
<th>Cont.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYND</td>
<td>2,877 SF</td>
<td>CYNODON DACTYLON / BERMUDA GRASS SEED</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**Plant List**

1. **Trees**
   - COCA: 10 COCCOTHRINAX ALTA / TYRE PALM
   - HYMC: 43 HYMENOCALLIS CARIBAEA / SPIDER LILY
   - LANI: 5 LANTANA INVOLUCRATA / WILD SAGE

2. **Ground Covers**
   - CYND: 3,477 SF CYNODON DACTYLON / BERMUDA GRASS SEED

3. **Remarks**
   - Full to ground

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**Notes and Schedule**

- Landscape construction is not to be used for construction purposes unless signed and sealed by the Engineer of Record.
- Use of this drawing for quantity take-offs and pricing is preliminary until all applicable permits have been obtained.

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**Drawing Information**

- Date: 2021/02/02
- By: Vollnogle, Kevin
- File Path: V:\1784\active\178421039\land_development\drawings\sheets\1039_landscape_plan.dwg

**Permission for Use**

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1. Place plants in prepared bed as shown.
2. Use only water to settle soil.
4. Remove all containers and non-biodegradable burlap.
5. When backfilling plant pit, place planting soil in two lifts. After first lift, puddle soil in with water to remove all air pockets. Place second lift and repeat. Continue to puddle and fill as necessary.

3" thick mulch, keep 6" away from trunk.

Finish grade

Planting mixture

Well compacted

Undisturbed soil

NOTE:
1. During transport and installation, the apical bud of the head shall be protected from damage.
2. Palms should be free of trunk and apical bud damage.
3. All palms shall be planted and maintained in a plumb fashion.
1. Go to survey floor slab for levelness and notify CO in all areas that fall outside of the acceptable range.

2. Go to provide fire retardant blocking at all wall mounted equipment. Coordinate with A/V contractor. All blocking to be fire retardant treated wood.

3. All vents, louvers, and overflow outlets to have insect screening.

4. All concrete structural elements in areas B, C, & D to receive stucco coating with integral color - all sides.

5. All exterior openings to be impact rated aluminum window / door assemblies.

6. Provide brushed finish topping slab at all exterior slabs. Slope as indicated.

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**LEGEND**

- **Wall/Partitions**
- **Per Building Assemblies**
- **Fire Extinguisher Cabinet**
- **Dashed Furniture**
- **Professional Seal**
- **SALT RIVER BAY NATIONAL HISTORICAL PARK**
- **PUTNAM BROADWATER**
- **Bowman**

---

**KEY PLAN**

**CALLOUT 1**

**CALLOUT 2**

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**FLOOR PLAN - LOWER LEVEL**

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**SHEET NOTES**

- 1/8" = 1'-0"
1. Conceptual grading shown for illustrative purposes - see civil drawings & grading plans.
2. All vents, louvers, and overflow outlets to have insect screening.
3. All concrete structural elements in Areas C, D & E to receive stucco coating with integral color - all sides.
4. All exterior openings to be impact rated aluminum window / door assemblies.
5. All exterior metal guardrails & handrails to be shop primed, and field painted, see specification.
1. Conceptual grading shown for illustrative purposes - see civil drawings & specifications.

2. All vents, louvers, and overflow outlets to have insect screening.

3. All concrete structural elements in areas B, C & D to receive stucco coating with integral color - all sides.

4. All exterior openings to be impact rated aluminum window / door assemblies.

SECTION THROUGH COURTYARD - EAST

SECTION THROUGH COURTYARD - NORTH

SECTION THROUGH COURTYARD - SOUTH

KEY PLAN

INTERPRETIVE CLASSROOMS BUILDINGS D & E

INTERPRETIVE GALLERY

OFFICE BUILDING

VISITOR'S CONTACT STATION

SALT RIVER BAY NATIONAL HISTORICAL PARK

REHABILITATE SALT RIVER VISITOR CONTACT STATION

TITLE OF SHEET

SUB SHEET NO.

DESIGNED:

DATE:

TECH. REVIEW:

PMIS/PKG NO.

DRAWING NO.

SHEET

OF

CADD:

SECTIONS

SCALE:

1/8" = 1'-0"

PROFESSIONAL SEAL

2/2/2021  6:17:51 PM

C:\Users\Allie\Documents\206060 - NPS-SARI-VC-CDNTRAL2_alliebeck.rvt

A3.01

A3.04

A3.05

1. Line of grade is conceptual and for generic purposes only. See site/civil drawings for requirements.

2. Refer to architectural narratives for building assembly basis of designs.
1. Line of grade is conceptual and for generic purposes only. See site/civil drawings for requirements.
2. Refer to architectural narratives for building assembly basis of designs.

SHEET NOTES

SECTION - THROUGH OFFICE

SECTION - THROUGH COURTYARD

KEY PLAN

SCALE: 1/8" = 1' - 0"
CONCRETE REPAIR PLAN

1. CONCRETE REPAIR WORK APPLIES TO STRUCTURAL WALLS BELOW THE FIRST-LEVEL FLOOR SLAB LEVEL AND CONCRETE SLABS AT THE FIRST-LEVEL FLOOR SLAB LEVEL.

2. DURING THE FIELD INVESTIGATIONS BY JACA AND SIERRA, WALLS BELOW THE FIRST-LEVEL FLOOR AT THE BASEMENT AND CISTERN AREAS WERE FOUND TO BE OF CONCRETE CONSTRUCTION AND WALLS BELOW THE FIRST-LEVEL FLOOR AT OTHER AREAS WERE DETERMINED TO BE OR ASSUMED TO BE OF BrICK CONSTRUCTION. ALL WALLS BELOW THE FIRST-FLOOR SLAB LEVEL CURRENTLY HAVE STUCCO FINISHES. DURING FIELD INVESTIGATIONS, CRACKS WERE OBSERVED THAT THEY MAY NOT EXTEND THROUGH THE STUCCO INTO THE CONCRETE OR DRYWALL. CRACKS THAT ARE ONLY THROUGH THE STUCCO ARE COVERED BY THE ARCHITECTURAL REQUIREMENTS. CRACKS THAT EXTEND INTO CONCRETE WALLS ARE TO BE REPAIRED AS LISTED BELOW.

3. THE FIRST-FLOOR SLABS CURRENTLY HAVE TILE FINISHES. DURING THE FIELD INVESTIGATIONS, THE TOPS OF THE SLABS COULD NOT BE SEEN. THE BOTTOMS OF THE SLABS IN THE BASEMENT AREAS DID NOT APPEAR TO HAVE SIGNIFICANT CRACKING ISSUES. THE BOTTOMS OF THE SLABS IN THE CISTERN COULD NOT BE SEEN. CRACKS IN THE STRUCTURAL SLABS OVER THE BASEMENTS AND CISTERNS ARE TO BE REPAIRED AS LISTED BELOW. CRACKS IN THE SLABS ON GRADE ARE AS ARE TOO TO BE REPAIRED AS LISTED BELOW IF ANY OF THE FOLLOWING ARE TRUE:
   A. CRACK WIDTH IS 1/16 INCH OR LARGER.
   B. CRACKS RESULT IN THE SLABS ON EITHER SIDE OF THE CRACK BEING OFFSET VERTICALLY.

4. THE AREAS NOTED ON THE DRAWINGS WERE OBSERVED TO HAVE CRACKS OR SPALLED CONCRETE & ARE TO BE REPAIRED AS LISTED BELOW. OTHER AREAS MAY BE FOUND DURING THE CONSTRUCTION WORK THAT WILL REQUIRE WORK. FOR ESTIMATING PURPOSES, ASSUME THAT THE FOLLOWING ADDITIONAL AREAS OF WORK WILL BE REQUIRED. SEE SPECIFICATIONS FOR REQUIRED UNIT PRICES FOR ADDITIONAL OR REDUCED QUANTITIES OF REPAIR WORK REQUIRED:
   A. CRACKS IN THE TOPS OF SLABS: ASSUME 50 LINEAR FEET.
   B. CRACKS IN THE BOTTOMS OF SLABS: ASSUME 50 LINEAR FEET.
   C. CRACKS IN SLAB EDGES OR WALLS: ASSUME 50 LINEAR FEET.
   D. SPALLED CONCRETE WITH EXPOSED REINFORCING: ASSUME 30 SQUARE FEET.

5. SPALLED CONCRETE AREAS WITH OR WITHOUT EXPOSED REINFORCING ARE TO BE REPAIRED USING THE FOLLOWING METHOD:
   A. AT EXPOSED REINFORCING (WHERE PRESENT), REMOVE ALL EXISTING CONCRETE FROM AROUND REINFORCING UNTIL REINFORCING IS EXPOSED ON ALL SIDES.
   B. CLEAN REINFORCING OF ALL SIDES WITH SIA TYPE ARMATEC 110 EPOCEM BONDING AGENT OR APPROVED EQUAL PRIOR TO INSTALLATION OF PATCH COMPOUND. DETERMINE THE AREA TO BE PATCHED. USE SAUCYTOP 129 PLUS OR APPROVED EQUAL. SAUCYTOP AROUND AREAS TO BE PATCHED TO PROVIDE A MINIMUM 1/8 INCH (+/-) SURFACE PROFILE TO ALLOW NEW PATCH TO BE TROWELED LEVEL AND FLUSH WITH ORIGINAL CONCRETE SURFACE. FOLLOW MANUFACTURER’S INSTRUCTIONS.