GENERAL REQUIREMENTS AND NOTES

1. ALL WORK SHALL CONFORM TO THE 2009 EDITION OF THE INTERNATIONAL BUILDING CODE (IBC). ALL CONSTRUCTION AND DEMOLITION MUST COMPLY WITH ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES. INSPECTIONS, AS REQUIRED BY CODE, MUST BE PROVIDED.
2. ALL CONTRACTORS AND SUBCONTRACTORS ARE RESPONSIBLE FOR ALL NOTES AND ITEMS THAT MAY PERTAIN TO THEIR TRADE. FAILURE TO READ THESE NOTES DOES NOT PERMIT THE CONTRACTOR TO DEVIATE FROM THEIR REQUIREMENTS.
3. ALL CONTRACTORS AND SUBCONTRACTORS ARE RESPONSIBLE FOR COMPLETING THEIR WORK. PROPER COORDINATION WITH OTHER TRADES, SITE SAFETY AND SECURITY, AND WORKERS SAFETY ARE ALSO THE RESPONSIBILITY OF THE CONTRACTOR PERFORMING THE WORK.
4. THE CONTRACTOR SHALL PERSONALLY SUPERVISE ALL WORK AND SHALL BE PRESENT ONSITE AT ALL TIMES DURING CONSTRUCTION.
5. THE CONTRACTOR SHALL PROVIDE ADEQUATE PERSONNEL FOR THE PROPER COORDINATION AND EXPEDITING OF THE WORK.
6. THE CONTRACTOR SHALL IMMEDIATELY CONTACT ENGINEER WITH ANY CONFLICTS WITH THE DRAWINGS OR NOTES.
7. THE CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND VERIFICATION OF EXISTING CONDITIONS INCLUDING, BUT NOT LIMITED TO THE LOCATION, ELEVATION AND DIMENSIONS OF EXISTING OBJECTS INCLUDING UTILITIES.
8. THE CONTRACTOR IS RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION AND FOR THE DESIGN OF ALL SHEATHING, SHORING (INCLUDING TEMPORARY BRACING REQUIRED TO MAINTAIN STABILITY PRIOR TO INSTALLATION OF PERMANENT BRACING), SCAFFOLDING AND FORMWORK; THE CONTRACTOR SHALL HIRE AN ENGINEER AS NECESSARY FOR THEIR DESIGN.
9. WHERE CONSTRUCTION INVOLVES AN EXISTING STRUCTURE, THE CONTRACTOR SHALL PROVIDE SHORING AND PROTECTION OF THAT STRUCTURE. THE SHORING AND PROTECTION MUST BE DESIGNED BY A PROFESSIONAL ENGINEER.
10. THE CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION MATERIALS FREE FROM DEFECT AND INSTALLED PLUMB AND SQUARE BY EXPERIENCED TRADESMAN.

DIVISION 1 - SCOPE OF WORK

1. PROJECT DESCRIPTION
   - A. THE PROJECT CONSISTS OF RECONSTRUCTION OF THE FAILING RUBBLE STONE RETAINING WALL BELOW THE SOUTHWEST CORNER OF THE PAGODA. IN ADDITION TO REBUILDING THE STONE WALL, A NEW CONCRETE SWALE/SIDEWALK WILL BE CONSTRUCTED TO DIVERT STORM WATER AWAY FROM THE BACK OF THE WALL.
   - B. CONTRACTOR SHALL REFER TO ALL CONSTRUCTION DOCUMENTS FOR PLANS, NOTES AND DETAILS OF PROPOSED WORK.
   - C. ITEMS LISTED BELOW MAY BE PERFORMED CONCURRENTLY.
   - D. THE CONTRACTOR IS RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION, AS WELL AS SCHEDULING.
2. SITE PREPARATION
   - A. ESTABLISH A SAFETY PERIMETER USING TEMPORARY PROTECTIVE FENCE. (SEE PENNDOT 811)
   - B. CLEAR AND GRUB ACCESS TO AND INCLUDING SUITABLE WORKING AREAS BOTH ABOVE AND BELOW THE SUBJECT RETAINING WALL. (SEE PENNDOT 201)
   - C. STOCKPILE AND EXCAVATED TOPSOIL FOR REUSE.
3. WALL REPAIRS
   - A. CAREFULLY REMOVE THE EXISTING STEEL GUARD RAILS, AND SAVE FOR REINSTALLATION. (SEE C.1-02)
   - B. DEMOLISH THE EXISTING CONCRETE CAPSTONE. (C.1-02)
   - C. REMOVE ANY LOOSE OR UNSECURED STONE FROM PROJECT AREA. CLEAN AND SALVAGE STONE FOR REUSE. (SEE C.1-02)
   - D. RECONSTRUCT DRY-LAID RUBBLE STONE RETAINING WALL IN ACCORDANCE WITH 'MASONRY AND MAINTENANCE OF STONE ASSEMBLIES' AS WELL AS THE NOTES, PLANS, ELEVATIONS AND DETAILS AS SHOWN ON C.1-02, S.0-01 AND S.2.01.
   - E. CONSTRUCT NEW CONCRETE CAP. (SEE C.1-02)
   - F. REINSTALL SALVAGED RAILING.
4. SWALE/SIDEWALK CONSTRUCTION
   - A. EXCAVATE AND REMOVE THE EXISTING CONCRETE AND STONE BASE. (SEE PENNDOT 203)
   - B. PREPARE STONE BASE. (SEE PENNDOT 350)
   - C. CONSTRUCT NEW SWALE/SIDEWALK. (SEE PENNDOT 676)
   - D. CONSTRUCT ROCK SWALE OUTLET. (SEE PENNDOT 851)
5. SITE CONSTRUCTION
   - A. PLACE AND GRADE STOCKPILED AND/OR NEW TOPSOIL TO RESTORE SITE TO PREVIOUS CONDITION. (SEE PENNDOT 802 AND 803)
   - B. SEED AND MULCH TOPSOIL. MAINTAIN SEEDED AREAS UNTIL LAWN IS ESTABLISHED. (SEE PENNDOT 804 AND 805)
6. REFERENCE SPECIFICATIONS - PENNDOT PUB 408/2011-1

   THE CONTRACTOR IS TO REFER TO THE FOLLOWING PENNDOT SPECIFICATION SECTIONS, AND OTHER NOTES ON THE DRAWINGS, TO COMPLETE THE PROPOSED SCOPE OF WORK.

   201 - CLEARING AND GRUBBING
   203 - CLASS 1 EXCAVATION
   676 - CEMENT CONCRETE SIDEWALKS
   802 - TOPSOIL FURNISHED AND PLACED
   803 - PLACING STOCKPILED TOPSOIL OR TOPSOIL MIXTURE
   804 - SEEDING AND SOIL SUPPLEMENTS
   805 - MULCHING
   811 - TEMPORARY PROTECTIVE FENCE
   851 - OUTLET PROTECTION: ROCK

DIVISION 2 - SITE WORK AND CLEARING

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. REMOVAL OF SURFACE DEBRIS
- B. REMOVAL OF TREES, SHRUBS, AND OTHER PLANT LIFE

PART 3 EXECUTION

3.1 PROTECTION

- A. LOCATE, IDENTIFY, AND PROTECT UTILITIES THAT REMAIN, FROM DAMAGE.
- B. PROTECT TREES, PLANT GROWTH, AND FEATURES DESIGNATED TO REMAIN, AS FINAL LANDSCAPING.

3.2 CLEARING

- A. CLEAR AREAS REQUIRED FOR ACCESS TO SITE AND EXECUTION OF WORK.
- B. REMOVE TREES AND SHRUBS AS REQUIRED.
- C. CLEAR UNDERGROWTH AND DEADWOOD, WITHOUT DISTURBING SUBSOIL.
- D. REMOVE AND DISPOSE OF ALL PERISHABLE AND OBJECTIONABLE MATERIAL INCLUDING, NOT LIMITED TO, TREES, BRUSH, VINES, SHRUBS, BUSHES, LOGS STUMPS, ROOTS, ROOTS, WEEDS, RUBBISH, AND OTHER ORGANIC MATERIAL.

DIVISION 3 - CONCRETE

1. ALL CONCRETE WORK SHALL COMPLY WITH THE REQUIREMENTS OF LATEST EDITIONS OF THE ACI BUILDING CODE (ACI 318), ACI DETAILING MANUAL (ACI 315) AND SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 301).
2. ALL CONCRETE SHALL BE NORMAL WEIGHT, READY-MIX, 4,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS, MAXIMUM WATER/CEMENT RATIO SHALL BE 0.44.
3. ALL CONCRETE SHALL HAVE 6% ± 1% AIR ENTRAINMENT.
4. WORKABILITY SHALL NOT BE ACHIEVED THROUGH ADDITION OF WATER. WATER REDUCING ADMIXTURES (PLASTICIZERS) SHALL BE USED TO INCREASE WORKABILITY. ALL CONCRETE SHALL HAVE A 4" SLUMP PRIOR TO AND SHALL HAVE A MAXIMUM SLUMP OF 8" FOLLOWING THE ADDITION OF ADMIXTURES.
5. ALL REINFORCING STEEL SHALL BE MANUFACTURED FROM HIGH STRENGTH BILLET STEEL MEETING THE REQUIREMENTS OF ASTM A-615, GRADE 60. WWF SHALL COMPLY WITH ASTM A-185.
6. CONTRACTOR SHALL PROVIDE ALL BOLSTERS, CHAIRS, BAR POSITIONERS, ETC. AS REQUIRED TO SET REBAR AND SLAB WWF TO REQUIRED DIMENSIONS.
7. CONTRACTOR SHALL SUPPLY PROPOSED CONCRETE CURING METHODS IF HOT OR COLD WEATHER CONCRETING IS EXPECTED.
8. ALL CONCRETE PLACED WHEN TEMPERATURES ARE BELOW 50 °F SHALL CONFORM TO ACI 306 - COLD WEATHER CONCRETING. ALL CONCRETE PLACED IN HOT WEATHER SHALL CONFORM TO ACI 305 - HOT WEATHER CONCRETING.
9. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL SLEEVES, INSERTS, ANCHOR BOLTS AND OTHER EMBEDDED ITEMS AS REQUIRED BY OTHER TRADES.
10. ALL CONCRETE SHALL BE PROPERLY CONSOLIDATED THROUGH THE USE OF VIBRATORS. VIBRATORS SHALL NOT BE USED TO TRANSPORT CONCRETE ALONG FORMWORK.
11. UNLESS OTHERWISE SPECIFIED, A THIRD PARTY TESTING LABORATORY SHALL BE EMPLOYED BY THE CONTRACTOR FOR EVALUATION AND QUALITY CONTROL OF CONCRETE PLACED. FREQUENCY OF CONCRETE TESTING SHALL MEET THE REQUIREMENTS OF ACI 318 AT A MINIMUM UNLESS OTHERWISE REQUIRED BY THE LOCAL BUILDING CODE.
12. UNLESS OTHERWISE SPECIFIED, PROVIDE THE FOLLOWING MINIMUM COVER FROM FACE OF CONCRETE TO REINFORCING (CIP-NONPRESTRESSED):

    (A) EXPOSED TO EARTH OR WEATHER

    #5 OR SMALLER 1 ½"
13. LENGTH OF REINFORCING SPLICES SHALL CONFORM TO ACI 318, BUT IN NO CASE SHALL BE LESS THAN 38 BAR DIAMETERS.
14. ALL CONCRETE POURS SHALL BE TERMINATED BY FORMS. PROVIDE KEYS IN ACCORDANCE WITH STANDARD DETAILS OR AS DIRECTED BY THE ENGINEER.
15. ALL DOWELS SHALL BE THE SAME SIZE, NUMBER AND GRADE AS VERTICAL REINFORCEMENT UNLESS OTHERWISE NOTED.
16. ALL REINFORCING SHALL BE SECURELY WIRED TOGETHER IN THE FORMS PRIOR TO PLACING CONCRETE.
17. SCHEDULE OF FORMED SURFACE FINISHES.

    (A) SMOOTH RUBBED FINISH AT EXPOSED SURFACES
18. SCHEDULE OF FLOOR SLAB FINISHES

    (A) FLOAT FINISH AT CONCRETE CAP
19. CURE CONCRETE IN ACCORDANCE WITH ACI 301, SECTION 5.3.6. IF A CURING COMPOUND IS USED, IT MUST BE COMPATIBLE WITH SPECIFIED SURFACE FINISH MATERIALS.

DIVISION 4 - MASONRY AND MAINTENANCE OF STONE ASSEMBLIES

PART 1 GENERAL

1.1 SUMMARY

- A. SECTION INCLUDES MAINTENANCE OF STONE ASSEMBLIES CONSISTING OF STONE RESTORATION AND CLEANING AS FOLLOWS:
  1. REPAIRING STONE MASONRY, INCLUDING REPLACING SECTION OF WALLS AS SHOWN ON THE DRAWINGS.
  2. PRELIMINARY CLEANING, INCLUDING REMOVING PLANT GROWTH.

1.2 PREPARATION

- A. THERE IS NO SEPARATE PAYMENT FOR STONE RESTORATION AND CLEANING.
  1. PERFORM STONE RESTORATION AND CLEANING WORK AS REQUIRED. AUTHORIZED WORK INCLUDES WORK REQUIRED BY DRAWINGS AND THE SPECIFICATIONS AND ONLY WORK AUTHORIZED IN WRITING BY ENGINEER.
  2. PERFORM WORK THAT EXCEEDS QUANTITY ALLOWANCES ONLY IF AUTHORIZED BY CHANGE ORDERS.
- B. REMOVE AND REPLACE STONE AS REQUIRED TO PROSECUTE THE WORK.
- C. CLEAN STONEWORK OF ALL PLANT GROWTH IN THE AREA OF WORK.

1.3 SUBMITTALS

- A. SAMPLES FOR VERIFICATION: FOR THE FOLLOWING:
  1. REPLACEMENT STONE. INCLUDE SETS OF SAMPLES AS NECESSARY TO SHOW FULL RANGE OF COLOR, TEXTURE, GRAIN, VEINING, AND FINISH TO BE EXPECTED.
- B. QUALIFICATION DATA: INCLUDING FIELD SUPERVISORS AND RESTORATION WORKS.

1.4 QUALITY ASSURANCE

- A. RESTORATION SPECIALIST QUALIFICATIONS: ENGAGE AN EXPERIENCED, STONE RESTORATION FIRM TO PERFORM WORK OF THIS SECTION. FIRM SHALL HAVE COMPLETED WORK SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THAT INDICATED FOR THIS PROJECT WITH A RECORD OF SUCCESSFUL IN-SERVICE PERFORMANCE. EXPERIENCE INSTALLING STANDARD UNIT MASONRY OR NEW STONE MASONRY IS NOT SUFFICIENT EXPERIENCE FOR STONE RESTORATION WORK.
  1. FIELD SUPERVISION: RESTORATION SPECIALIST FIRMS SHALL MAINTAIN EXPERIENCED FULL-TIME SUPERVISORS ON PROJECT SITE DURING TIMES THAT STONE RESTORATION AND CLEANING WORK IS IN PROGRESS. SUPERVISORS SHALL NOT BE CHANGED DURING PROJECT EXCEPT FOR CAUSES BEYOND CONTROL OF RESTORATION SPECIALIST FIRM.
  2. RESTORATION WORKER QUALIFICATIONS: PERSONS WHO ARE EXPERIENCE IN RESTORATION WORK OF TYPES THEY WILL BE PERFORMING.
- B. SOURCE LIMITATIONS: OBTAIN EACH TYPE OF MATERIAL FOR STONE RESTORATION FROM ONE SOURCE WITH RESOURCES TO PROVIDE MATERIALS OF CONSISTENT QUALITY IN APPEARANCE AND PHYSICAL PROPERTIES.
- C. PREINSTALLATION CONFERENCE: CONDUCT CONFERENCE AT PROJECT SITE.
  1. REVIEW METHODS AND PROCEDURES RELATED TO STONE RESTORATION INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
- D. CONSTRUCTION SCHEDULE: VERIFY AVAILABILITY OF MATERIALS, RESTORATION SPECIALIST'S PERSONNEL, EQUIPMENT, AND FACILITIES NEEDED TO MAKE PROGRESS AND AVOID DELAYS.
- E. MATERIALS, MATERIAL APPLICATION, SEQUENCING, TOLERANCES, AND REQUIRED CLEARANCES.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. DELIVER STONE UNITS TO PROJECT SITE STRAPPED TOGETHER IN SUITABLE PACKS OR PALLETS OR IN HEAVY-DUTY CRATES.

1.6 COORDINATION

- A. COORDINATE STONE RESTORATION AND CLEANING WITH PUBLIC CIRCULATION PATTERNS AT PROJECT SITE. SOME WORK IS NEAR PUBLIC CIRCULATION PATTERNS. PUBLIC CIRCULATION PATTERNS CANNOT BE CLOSED OFF ENTIRELY. PLAN AND EXECUTE THE WORK ACCORDINGLY.

1.7 SEQUENCING AND SCHEDULING

- A. ORDER REPLACEMENT MATERIALS AT EARLIEST POSSIBLE DATE TO AVOID DELAYING COMPLETION OF THE WORK.
- B. PERFORM STONE RESTORATION WORK IN THE FOLLOWING SEQUENCE:
  1. REMOVE PLANT GROWTH.
  2. INSPECT FOR OPEN JOINTS IN SURROUNDING STONE TO REMAIN AND REPAIR.
  3. REPAIR STONEWORK, INCLUDING REPLACING EXISTING STONE WITH NEW STONE.
- C. AS SCAFFOLDING IS REMOVED, PATCH ANCHOR HOLES USED TO ATTACH SCAFFOLDING. IF REQUIRED, INSERT "EXTRA MATERIALS" THAT MACH PRODUCTS APPLIED OR INSTALLED.

PART 2 PRODUCTS

2.1 STONE MATERIALS

- A. STONE: PROVIDE NATURAL BUILDING STONE OF VARIETY, COLOR, TEXTURE, GRAIN, VEINING, FINISH, SIZE, AND SHAPE TO MATCH EXISTING STONE. ANY ADDITIONAL STONES REQUIRED SHALL NOT BE LESS THAN 6 INCHES THICK, 10 INCHES WIDE AND 12 INCHES LONG IN SIZE. STONES THAT ARE SMALLER THAN THESE DIMENSIONS MAY BE USED ONLY FOR PINNING AND/OR FILLING INTERSTICES WITHIN THE WALL.
- B. CUTTING NEW STONE: REGARDLESS OF HOW EXISTING STONE WAS CUT AND SET, CUT EACH NEW STONE SO THAT, WHEN IT IS SET IN FINAL POSITION, NATURAL BEDDING PLANES ARE ESSENTIALLY HORIZONTAL.

2.2 ACCESSORY MATERIALS

- A. SEALANT MATERIALS:
  1. PROVIDE MANUFACTURER'S STANDARD CHEMICALLY CURING, ELASTOMERIC SEALANT(S) OF BASE POLYMER AND CHARACTERISTICS INDICATED BELOW.
- B. SINGLE-COMPONENT, NONSAG URETHANE SEALANT.
  2. COLORS: PROVIDE COLORS OF EXPOSED SEALANTS TO MATCH COLORS OF STONEWORK ADJOINING INSTALLED SEALANT UNLESS OTHERWISE INDICATED.
- C. JOINT-SEALANT BACKING:
  1. CYLINDRICAL SEALANT BACKINGS: ASTM C 1330, TYPE C (CLOSED-CELL MATERIAL WITH A SURFACE SKIN), AND OF SIZE AND DENSITY TO CONTROL SEALANT DEPTH AND OTHERWISE CONTRIBUTE TO PRODUCING OPTIMUM SEALANT PERFORMANCE.

PART 3 EXECUTION

3.1 PROTECTION

- A. PROTECT PERSONS, MOTOR VEHICLES, SURROUNDING SURFACES OF BUILDING BEING RESTORED, BUILDING SITE, PLANTS, AND SURROUNDING BUILDINGS FROM HARM RESULTING FROM STONE RESTORATION WORK.

3.2 STONE REMOVAL AND REPLACEMENT

- A. AT LOCATIONS INDICATED ON THE DRAWINGS, REMOVE STONE THAT HAS DETERIORATED, CAREFULLY DEMOLISH OR REMOVE ENTIRE UNITS FROM JOINT TO JOINT, WITHOUT DAMAGING SURROUNDING STONE, IN A MANNER THAT PERMITS REPLACEMENT WITH FULL-SIZE UNITS.
- B. SUPPORT AND PROTECT REMAINING STONEWORK THAT SURROUNDS REMOVAL AREA.
- C. NOTIFY ENGINEER OF UNFORESEEN DETRIMENTAL CONDITIONS INCLUDING VOIDS, CRACKS, BULGES, AND LOOSE UNITS IN EXISTING STONE, AND OTHER DETERIORATED ITEMS.
- D. CLEAN STONE SURROUNDING REMOVAL AREAS BY REMOVING PLANT GROWTH AND LOOSE PARTICLES IN PREPARATION FOR REPLACEMENT.
- E. REPLACE REMOVED DAMAGED STONE WITH OTHER REMOVED STONE AND SALVAGED STONE IN GOOD QUALITY, WHERE POSSIBLE, OR WITH NEW STONE MATCHING EXISTING STONE, INCLUDING SIZE. DO NOT USE BROKEN UNITS UNLESS THEY CAN BE CUT TO USABLE SIZE.
- F. DO NOT ALLOW FACE BEDDING OF STONE. BEFORE SETTING, INSPECT TO VERIFY THAT EACH STONE HAS BEEN CUT SO THAT, WHEN IT IS SET IN FINAL POSITION, NATURAL BEDDING PLACES ARE ESSENTIALLY HORIZONTAL. REJECT AND REPLACE STONE WITH VERTICAL BEDDING.
- G. INSTALL REPLACEMENT STONE INTO BONDING AND COURSING PATTERN OF EXISTING STONE.
  1. MAINTAIN JOINT WIDTH FOR REPLACEMENT STONE TO MATCH EXISTING JOINTS.
  2. USE SETTING BUTTONS OR SHIMS TO SET STONE ACCURATELY SPACED WITH UNIFORM JOINTS.
- H. THE STONE WALL SHALL HAVE A WIDTH OF NOT LESS THAN THE WIDTH OF THE EXISTING WALL UNLESS OTHERWISE INDICATED ON THE PLANS. IF, IN ORDER TO COMPLETE THE WALL, IT BECOMES NECESSARY TO USE STONES OTHER THAN THOSE WHICH ARE PRESENT IN THE EXISTING WALL, THE ADDITIONAL STONES SHALL BE DISTRIBUTED EVENLY THROUGHOUT THE WALL.
- I. CARE MUST BE TAKEN TO ENSURE THAT EACH STONE TAKES A FIRM BEARING AT NOT LESS THAN THREE SEPARATE POINTS UPON THE UNDERLYING COURSE. OPEN JOINTS SHALL BE CHINKED AND SPALLS FITTED TO PROVIDE FIRM BEARING THROUGHOUT THE LENGTH OF THE STONE. FACE JOINTS SHALL NOT EXCEED 1 INCH IN WIDTH UNLESS OTHERWISE DIRECTED BY THE ENGINEER. CHINKING WILL BE PERMITTED ONLY IN HORIZONTAL JOINTS IN THE FACES. THE CHINKING OF VERTICAL JOINTS IN THE FACES OF THE WALL WILL NOT BE PERMITTED.
- J. HEADER STONES SHALL TIE THE WALL TOGETHER AND MUST EXTEND NOT LESS THAN 24 INCHES INTO THE CORE. THEY SHALL OCCUPY NOT LESS THAN ONE-FOURTH OF THE FACE AREA OF THE WALL AND SHALL BE EVENLY DISTRIBUTED.

NO.	DATE	DESCRIPTION	MADE	CHKD	APVD
0	07/29/14	ISSUED FOR CONSTRUCTION	MLE	JEB	DHS
A	02/21/14	PROGRESS PRINT	SWH	JEB	DHS

RELEASED FOR:
ISSUED FOR CONSTRUCTION

PROJECT MANAGER: PM DATE:
BASE BY: SSM N.B.:
DRAWN BY: SWH DESIGNED BY: JEB CHKD: DHS

SEAL

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EMERGENCY WALL REPAIR
GENERAL NOTES AND SPECS

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