

**GENERAL NOTES:**

1. CONTRACTOR TO TAKE EXTREME CAUTION DURING DISMANTLING OF ALL EXISTING MASONRY, INCLUDING PROPER SHORING OF ALL LOAD BEARING WALLS. CARE IS TO BE TAKEN IN SALVAGE OF ALL BRICK FOR REUSE.

2. CONTRACTOR TO NOTIFY OWNER AND ARCHITECT ONCE SUBSTRATES ARE EXPOSED FOR ALL WORK TASKS, INCLUDING BUT NOT LIMITED TO ROOF DECK AND STRUCTURE, WALL CAVITIES, KEYSTONE AND SPRING BLOCK SUBSTRATE.

ARCADIA DESIGNWORKS, THEIR EMPLOYEES AND CONSULTANTS PROVIDE THESE DRAWINGS AS GUIDELINES FOR RESTORATION OF EXISTING DAMAGED MASONRY CONSTRUCTION. THE CONTRACTOR IS TO VERIFY DIMENSIONS OF NEW MATERIALS AND INFORM THE OWNER AND ARCHITECT OF UNFORESEEN CONDITIONS THAT MAY WARRANT FURTHER INVESTIGATION, ANALYSIS AND/OR REVISIONS TO PREVIOUS DESIGN WORK AND RESTORATION DETAILS.

08.19.2010

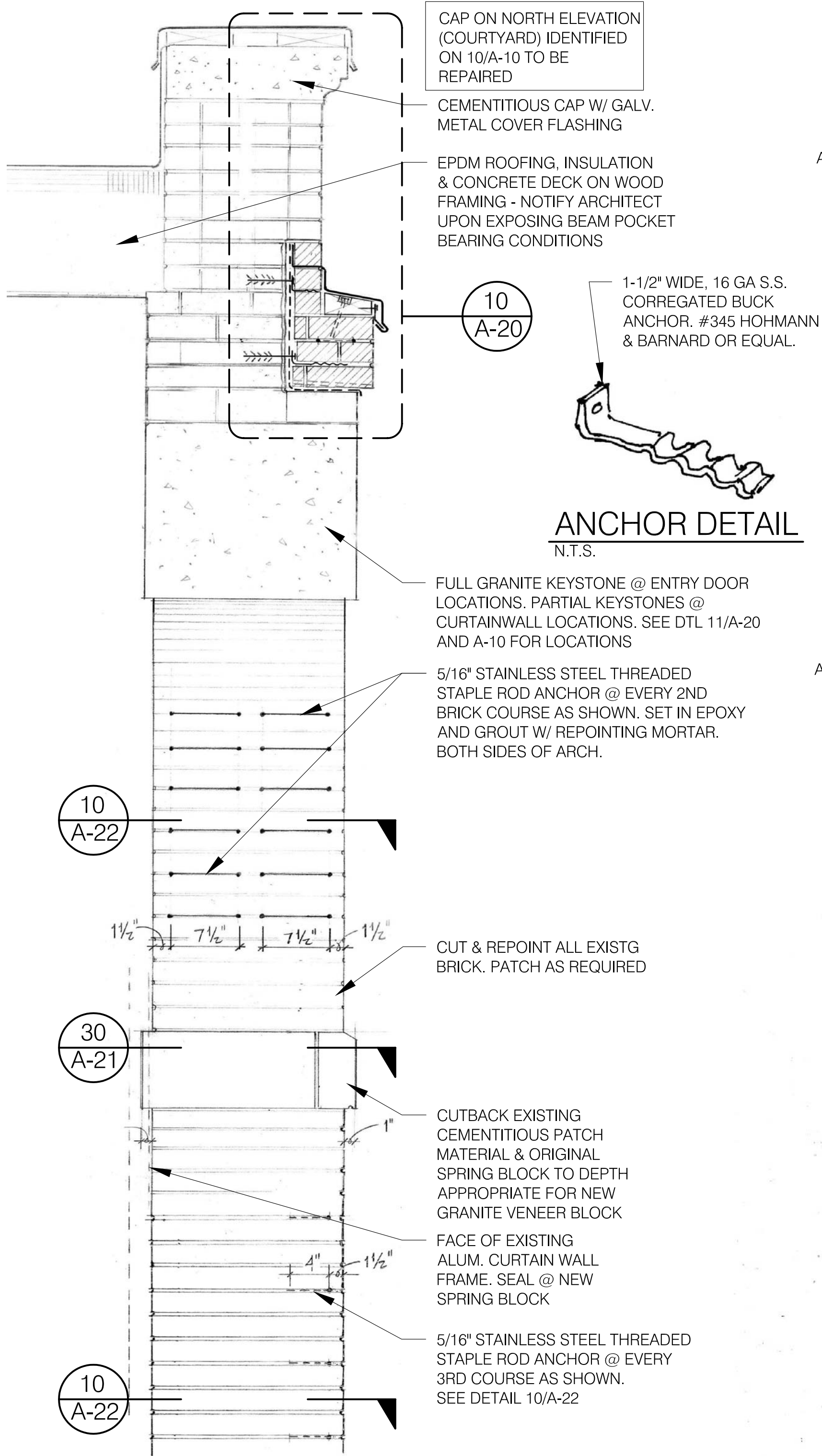
PHASE: **MASONRY RESTORATION**

PROJECT: **PORTLAND HIGH SCHOOL  
PORTLAND MAINE**

TITLE: **ARCADE WALL DETAILS**

SHEET: **A-20**

JOB: **AD-AR04-2010**



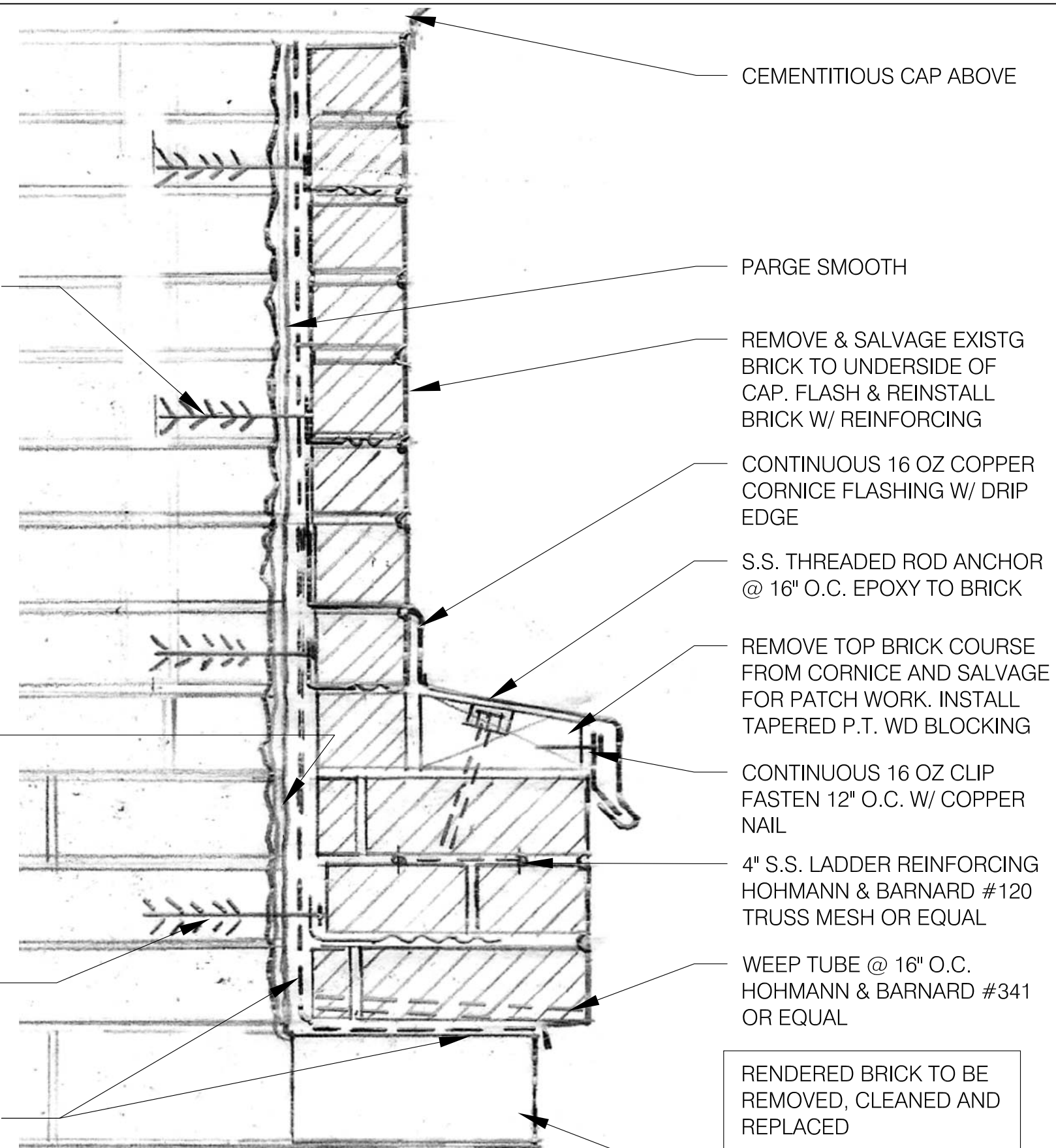
**ANCHOR DETAIL**  
N.T.S.

16 GA CORRUGATED STAINLESS STEEL ANCHOR AND WEDGE EXPANSION BOLT @ 12" O.C.

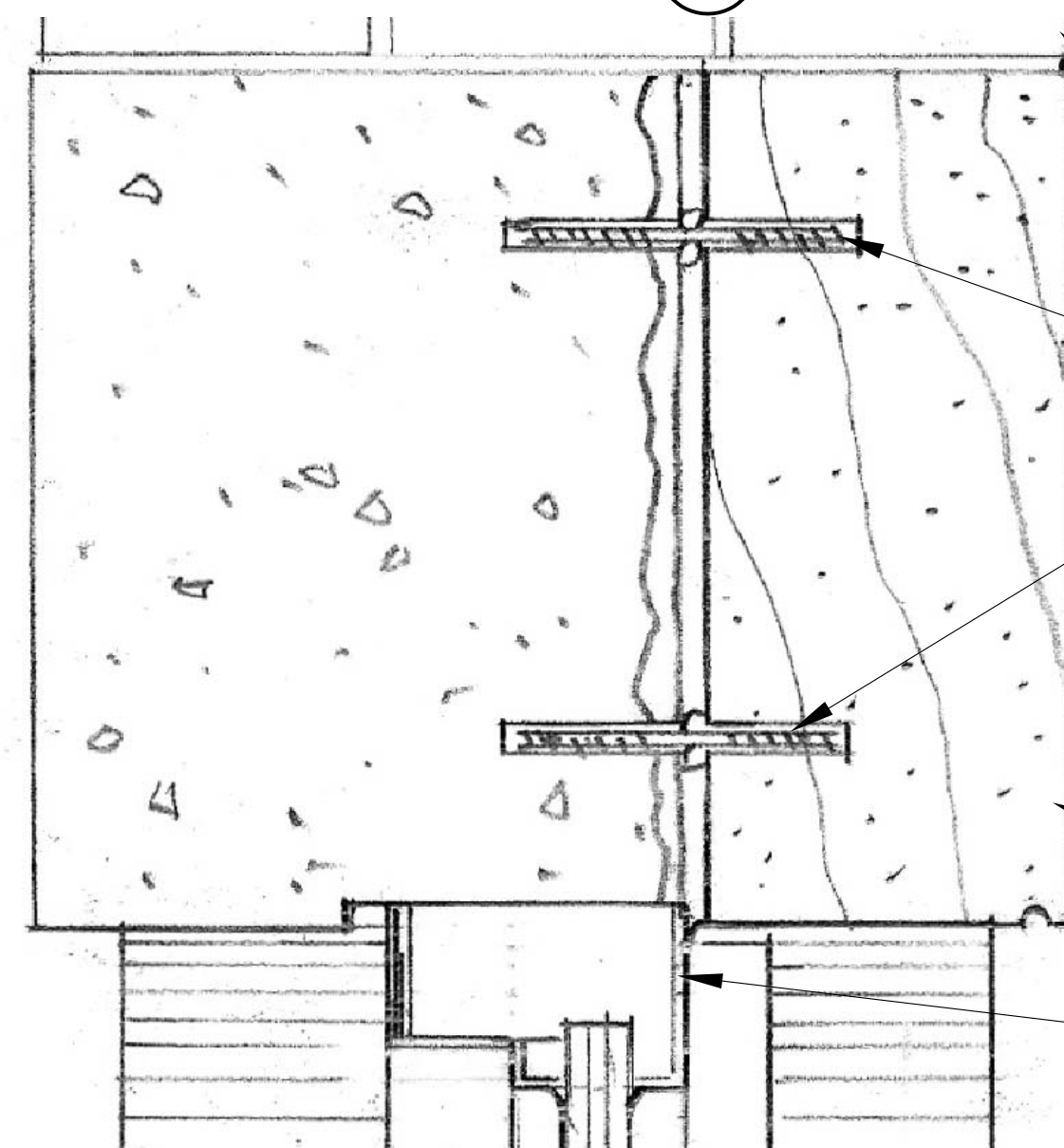
PARGE SMOOTH

16 GA CORRUGATED STAINLESS STEEL ANCHOR AND WEDGE EXPANSION BOLT @ 12" O.C.

BITUTHENE MEMBRANE



**SECTION DETAIL**  
10  
3" = 1'-0"



**KEYSTONE SECTION**  
11  
3" = 1'-0" PARTIAL STONES (T 05A)(T 05B)(T 05E)

CEMENTITIOUS CAP ABOVE

PARGE SMOOTH

REMOVE & SALVAGE EXISTG BRICK TO UNDERSIDE OF CAP. FLASH & REINSTALL BRICK W/ REINFORCING

CONTINUOUS 16 OZ COPPER CORNICE FLASHING W/ DRIP EDGE

S.S. THREADED ROD ANCHOR @ 16" O.C. EPOXY TO BRICK

REMOVE TOP BRICK COURSE FROM CORNICE AND SALVAGE FOR PATCH WORK. INSTALL TAPERED P.T. WD BLOCKING

CONTINUOUS 16 OZ CLIP FASTEN 12" O.C. W/ COPPER NAIL

4" S.S. LADDER REINFORCING HOHMANN & BARNARD #120 TRUSS MESH OR EQUAL

WEEP TUBE @ 16" O.C. HOHMANN & BARNARD #341 OR EQUAL

RENDERED BRICK TO BE REMOVED, CLEANED AND REPLACED

CUT & REPOINT EXISTG ROWLOCK BRICK COURSE

CONTRACTOR TO PROVIDE SWENSON "CALEDONIA" GRANITE KEYSTONE & SPRING BLOCKS

EXISTG ROWLOCK COURSE, ABOVE

STAINLESS STEEL ANCHORS EPOXIED TO EXISTG SUBSTRATE & NEW GRANITE STONE. MIN (2) PER STONE. GROUT STONE IN PLACE W/ EXPANDING REPOINTING MORTAR.

"CALEDONIA" GRANITE KEYSTONE BLOCK, THERMAL FINISH W/ DRIP KERF

EXISTING METAL CURTAINWALL

FULL GRANITE KEYSTONE @ ENTRY DOOR LOCATIONS. PARTIAL KEYSTONES @ CURTAINWALL LOCATIONS. SEE DTL 11/A-20 AND A-10 FOR LOCATIONS

5/16" STAINLESS STEEL THREADED STAPLE ROD ANCHOR @ EVERY 2ND BRICK COURSE AS SHOWN. SET IN EPOXY AND GROUT W/ REPOINTING MORTAR. BOTH SIDES OF ARCH.

CUT & REPOINT ALL EXISTG BRICK. PATCH AS REQUIRED

CUTBACK EXISTING CEMENTITIOUS PATCH MATERIAL & ORIGINAL SPRING BLOCK TO DEPTH APPROPRIATE FOR NEW GRANITE VENEER BLOCK

FACE OF EXISTING ALUM. CURTAIN WALL FRAME. SEAL @ NEW SPRING BLOCK

5/16" STAINLESS STEEL THREADED STAPLE ROD ANCHOR @ EVERY 3RD COURSE AS SHOWN. SEE DETAIL 10/A-22

**WALL SECTION**  
31  
N.T.S.

**KEYSTONE SECTION**