




CINTEC

REINFORCEMENT SYSTEMS

SHOP DRAWINGS TECHNICAL DRAWINGS

A Work in progress as of July 24, 2019

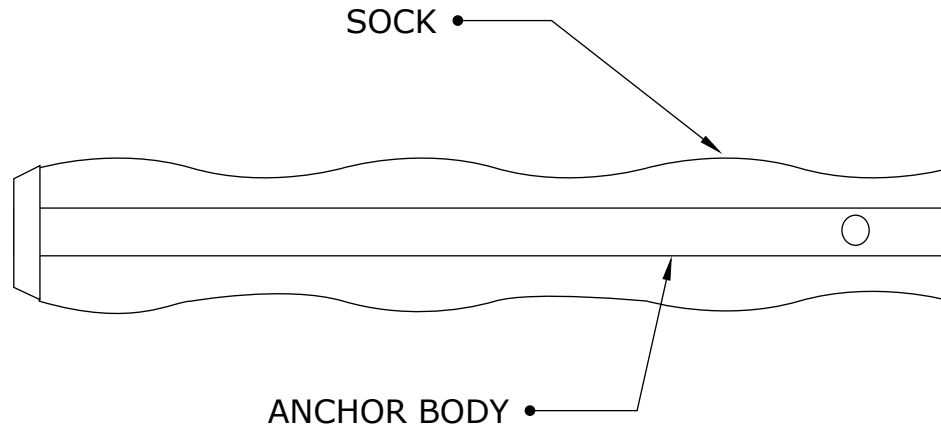


All CINTEC anchors are comprised of a structural member surrounded by a fabric sleeve into which Presstec grout is injected. Stainless steel sizes/sections & lengths, sleeve sizes & end conditions vary in accordance with specific design.



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CINTEC ANCHOR TYPE RAC STITCHING ANCHOR



ANCHOR BODY	SOCK	END CONDITION
SS TYPE 304 3/8" DIA. CHS HOLLOW ROUND	FULL LENGTH OF ANCHOR BODY Dia 3/4"	PLAIN ENDS

ANCHOR LENGTH TO SUIT SITE CONDITIONS
Client to confirm ALL lengths before ordering.



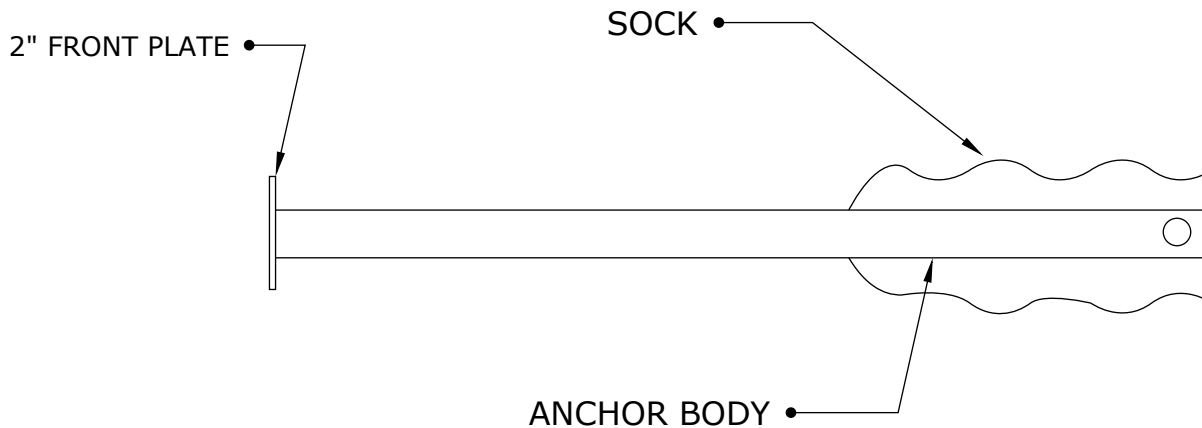
Engineered Grout Injection Anchors by:
CINTEC Structural Solutions
Tel: 1-410-761-0765
1-613-225-3381
Fax: 1-613-224-9042
E-mail: solutions@cintec.com

Drawing Title:
**CINTEC ANCHOR TYPE
RAC, STITCHING
ANCHOR**



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CINTEC ANCHOR TYPE RAC



ANCHOR BODY	SOCK	END CONDITION
SS TYPE 304 3/8" DIA. CHS HOLLOW ROUND	Sock length to suit site conditions 3/4" DIA.	2" Front Plate

ANCHOR LENGTH TO SUIT SITE CONDITIONS
 Client to confirm ALL lengths before ordering.



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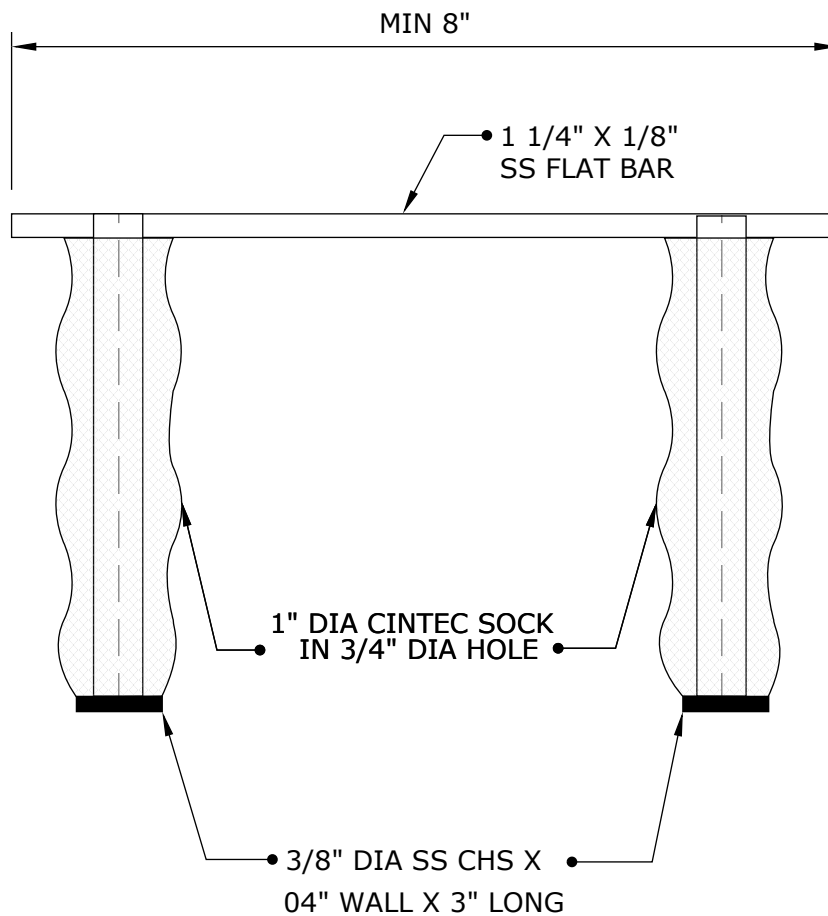
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CINTEC ANCHOR TYPE RAC



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CINTEC TERRA-COTTA CRACK STAPLING ANCHOR 3/8" 10mm Anchor Body



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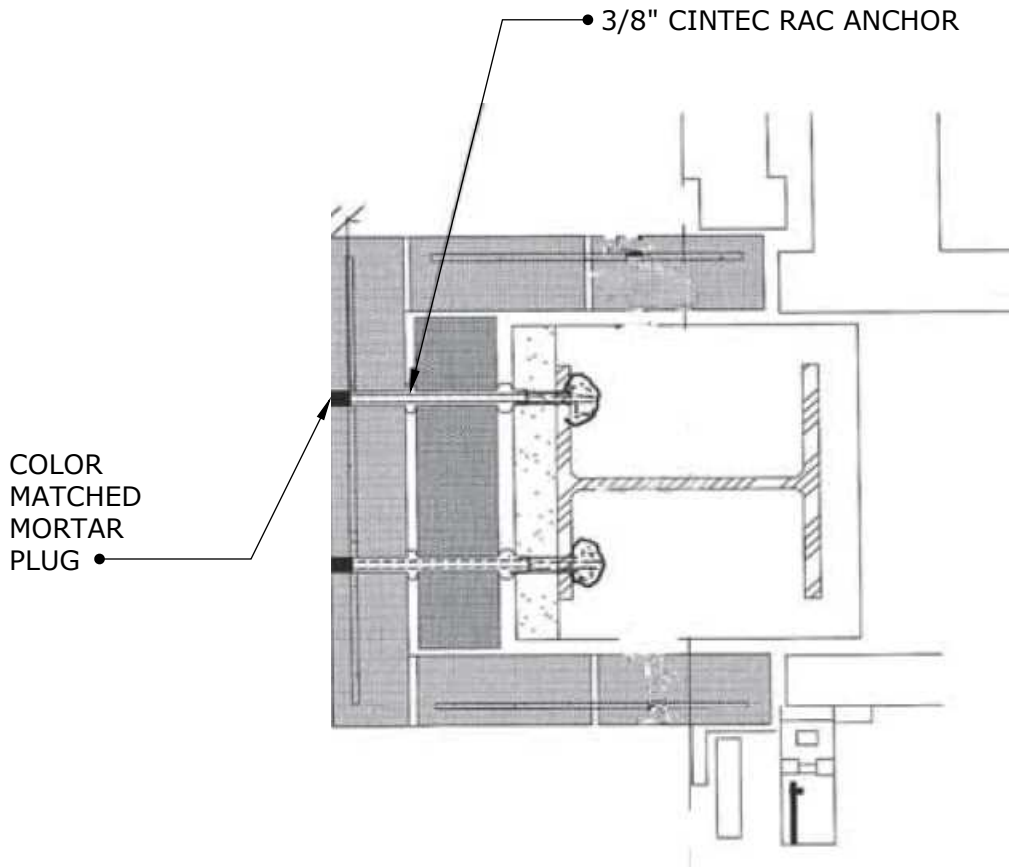
Drawing Title:

**CINTEC TERRA-COTTA
CRACK STAPLING
ANCHOR**



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ATTACHING MASONRY TO STEEL BEAM



- 1. ALL MATERIAL TYPE 304 STAINLESS UNLESS NOTED OTHERWISE
- 2. CONTRACTOR TO CONFIRM MEASUREMENTS AND DETAILS ON SITE FOR EACH ANCHOR TYPE BEFORE ORDERING FABRICATION OF ANCHORS
- 3. GROUT TO BE CINTEC'S PRESSTEC GROUT

ANCHOR LENGTH TO SUIT SITE CONDITIONS
Client to confirm ALL lengths before ordering.

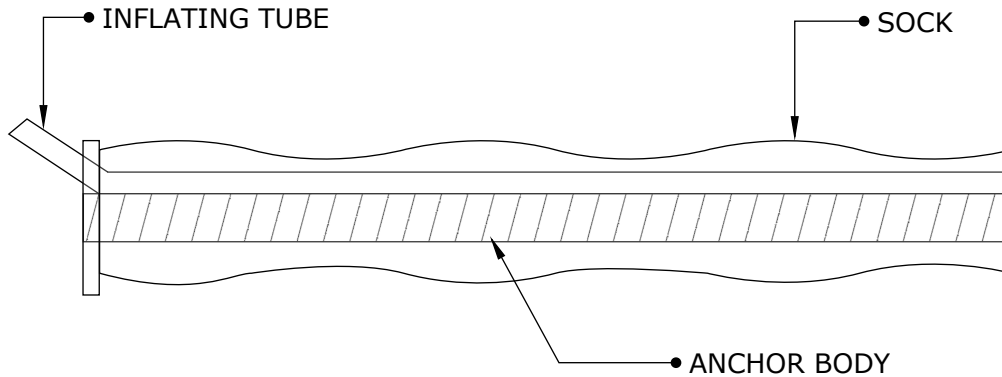
	<p>Engineered Grout Injection Anchors by: CINTEC Structural Solutions Tel: 1-410-761-0765 1-613-225-3381 Fax: 1-613-224-9042 E-mail: solutions@cintec.com</p>	<p>Drawing Title: ATTACHING MASONRY TO STEEL BEAM</p>
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CINTEC M10 - 3/8" STAINLESS STEEL ANCHOR

Fully Socked



ANCHOR LENGTH TO SUIT SITE CONDITIONS
Client to confirm ALL lengths before ordering.

ANCHOR BODY	SOCK	END CONDITION
SS TYPE 304 3/8" - 10mm Dia Solid Round Threaded	Full length of Anchor Body 1 1/4" Dia	PLAIN ENDS



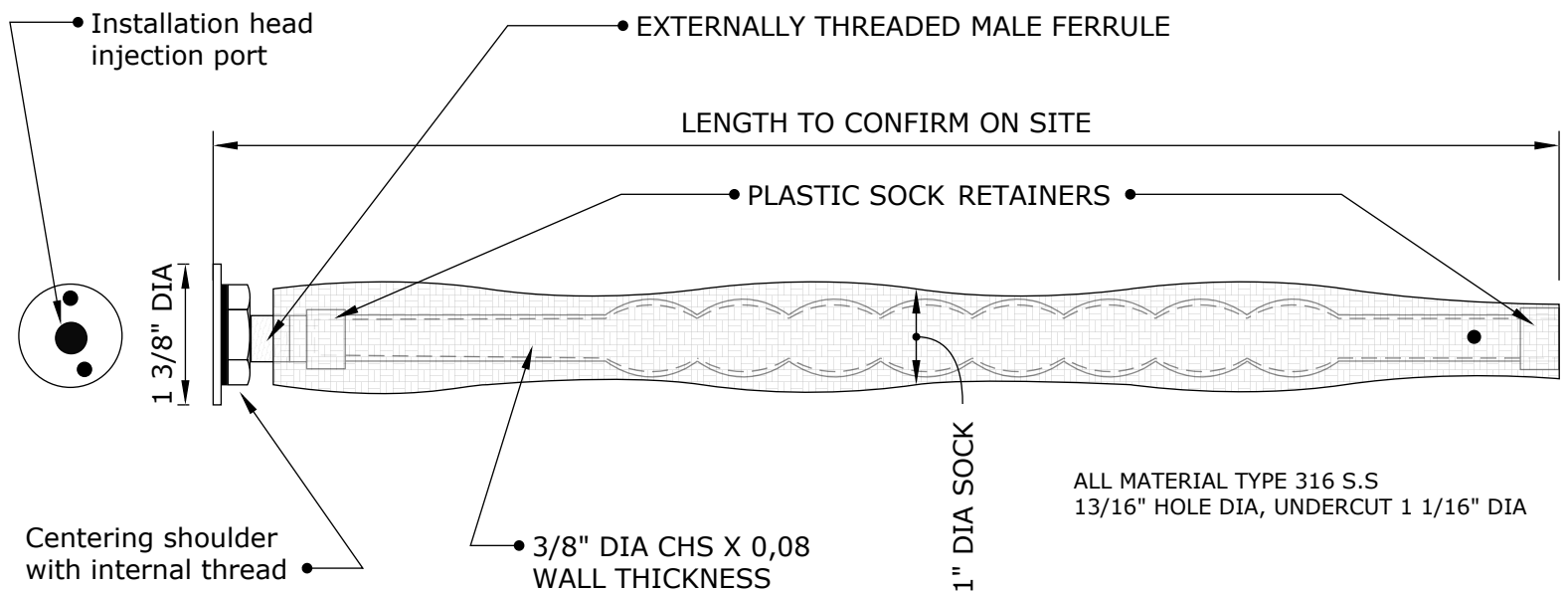
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Drawing Title:
**CINTEC M10 - 3/8"
STAINLESS STEEL
ANCHOR**

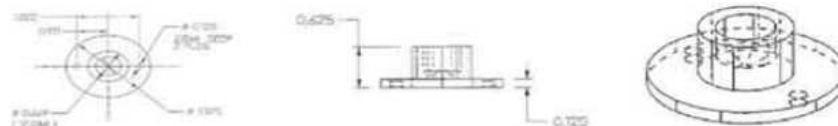


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CINTEC ANCHOR FOR ATTACHING THIN VENEER/MARBEL PANNELS TO MASONRY/STEEL FRAME BACK UP



FINISHED HEAD



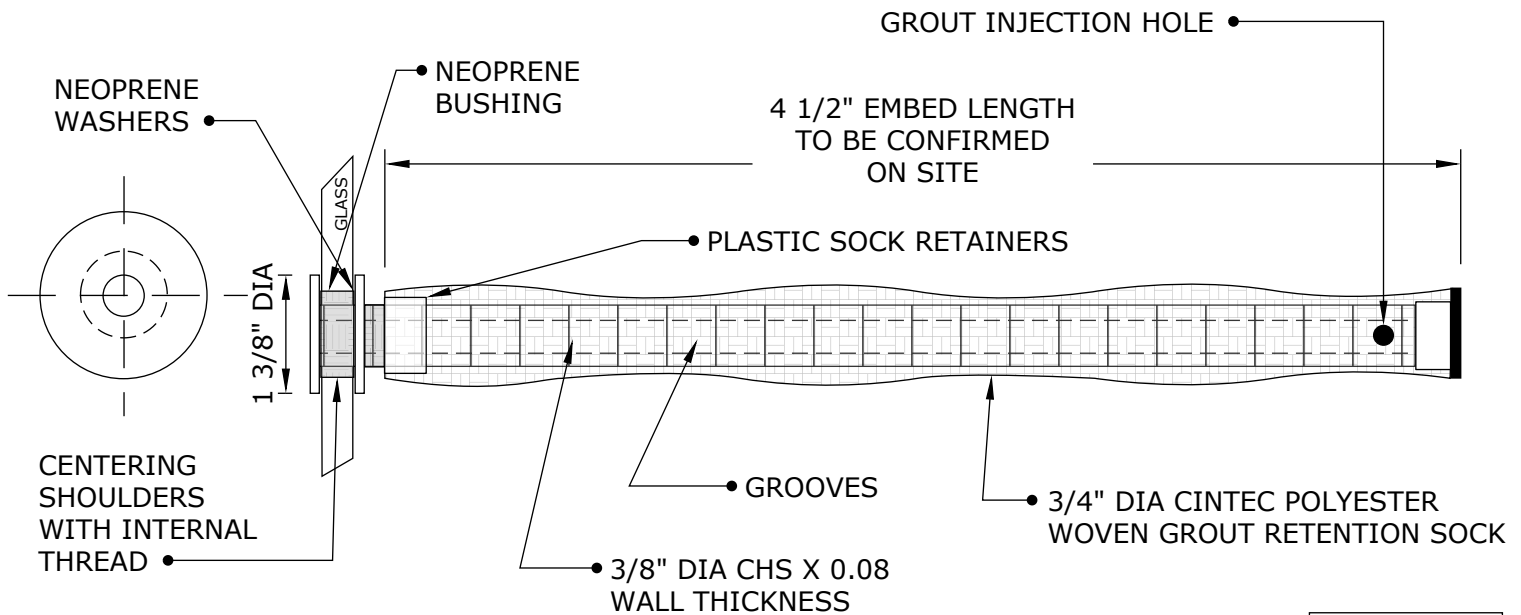
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Drawing Title:
CINTEC FOR ATTACHING THIN VENEER/MARBEL PANNELS TO MASONRY/STEEL FRAME BACK UP



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CINTEC ANCHOR FOR ATTACHING THIN VENEER/ MARBLE PANNELS TO MASONRY/STEEL FRAME BACK UP



HOLE DIA 3/4"
NO UNDERCUT

PROJECT NAME: MOSAIC ANCHORS
CLIENT: NEW YORK CITY SUBWAY
LOCATION: NEW YORK CITY - VARIOUS SUBWAY STATIONS

TYPE: MOSAIC ANCHORS
NYC SUBWAY



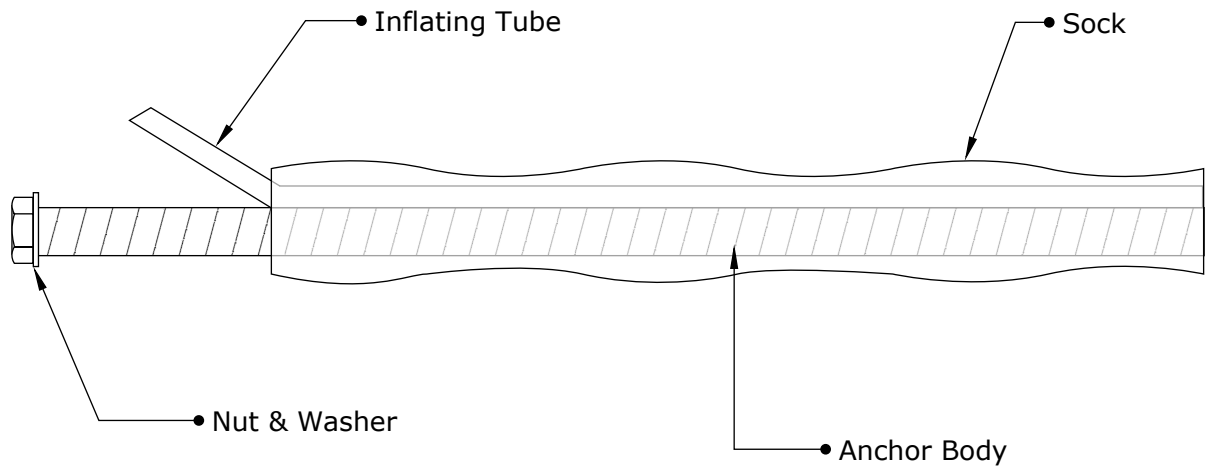
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CINTEC ANCHOR FOR ATTACHING THIN VENEER/MARBEL PANNELS TO MASONRY/STEEL FRAME BACK-UP




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CINTEC M10 STAINLESS STEEL ANCHOR



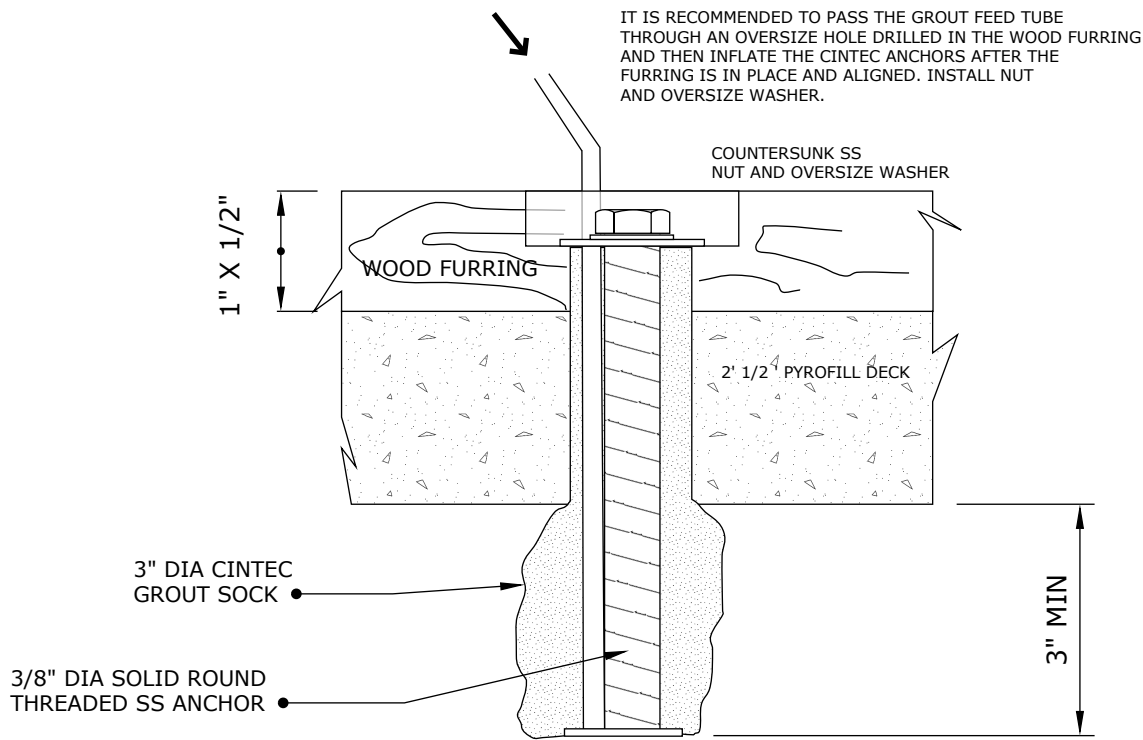
ANCHOR BODY	SOCK	WASHER
SS 304 Solid Threaded Rod	1 1/4" Dia Full length LESS amount of exposed thread as specified by Engineer/ Architec of record	SS 304

	Engineered Grout Injection Anchors by: CINTEC Structural Solutions Tel: 1-410-761-0765 1-613-225-3381 Fax: 1-613-224-9042 E-mail: solutions@cintec.com	Drawing Title: CINTEC M10 STAINLESS STEEL ANCHOR
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CINTEC 3/8th M10 STAINLESS STEEL ROOF ANCHOR



ANCHOR LENGTH TO SUIT SITE CONDITIONS
Client to confirm ALL lengths before ordering.



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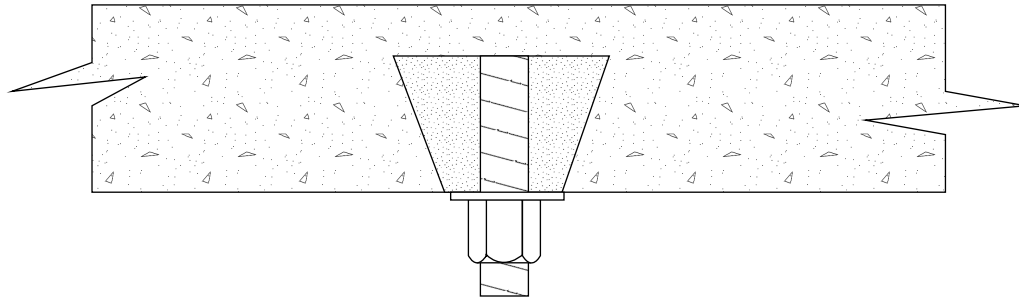
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**CINTEC 3/8th M10
STAINLESS STEEL ROOF
ANCHOR**



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3/8" SOLID THREADED
CINTEC CEILING SUPPORT
ANCHOR
WITH 1 1/4" DIA SOCK IN 1 1/4"
DIA. HOLE -SOCKED LENGTH 3"
UNDERCUT HOLE
OUTER END - COUPLER NUT



VERTICAL WALL SECTION
OPTION 1

PROJECT: Ceiling Supports
CONSULTANT:
LOCATION: NYNY



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Fax: 1-613-224-9042
E-mail: solutions@cintec.com

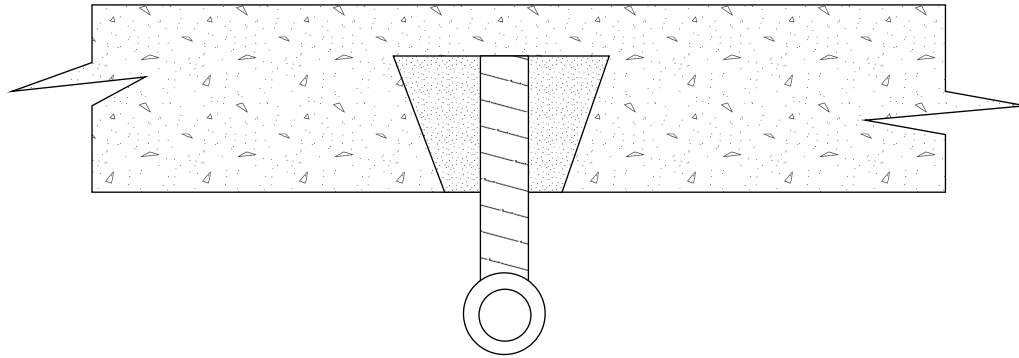
Drawing Title:

CEILING SUPPORTS



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3/8" SOLID THREADED
CINTEC CEILING SUPPORT
ANCHOR
WITH 1 1/4" DIA SOCK IN 1 1/4"
DIA. HOLE -SOCKED LENGTH 3"
UNDERCUT HOLE
OUTER END - EYE BOLT



VERTICAL WALL SECTION
OPTION 2

PROJECT: Ceiling Supports
CONSULTANT:
LOCATION: NYNY



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1-613-225-3381
Fax: 1-613-224-9042
E-mail: solutions@cintec.com

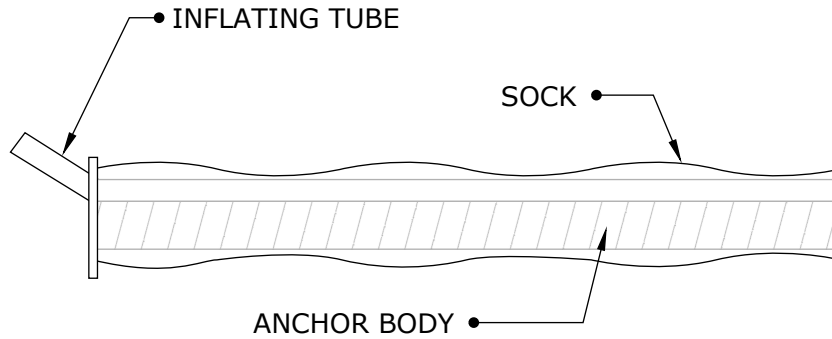
Drawing Title:

CEILING SUPPORTS



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Cintec M12 / 1/2" Anchor Fully Socked



ANCHOR BODY	SOCK	END CONDITION
S/S Grade 304 1/2" Dia Solid threaded	Full length of Anchor Body 1 1/4" Dia	PLAIN ENDS

Client to confirm ALL lengths before ordering.



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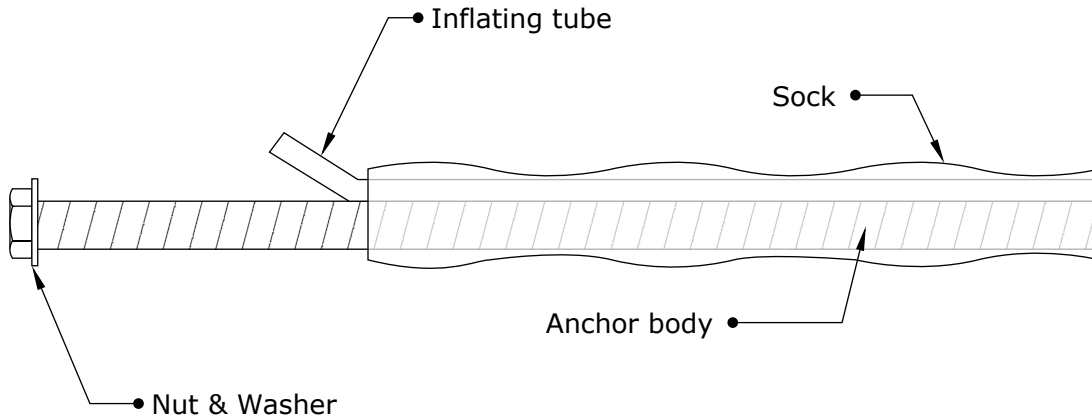
Drawing Title:

CINTEC M12 / 1/2" ANCHOR



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Cintec M12 1/2" Stainless steel Anchor



ANCHOR BODY	SOCK	WASHER
S/S Grade 304 M12 (1/2") Solid threaded rod	Sock length to suit site conditions	SS 304

Client to confirm ALL lengths before ordering.



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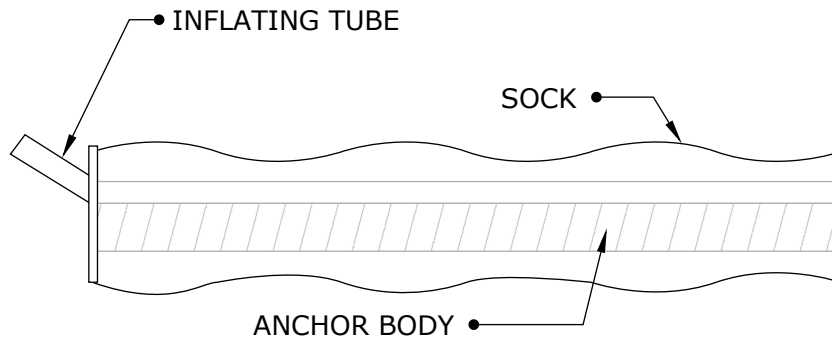
Drawing Title:

**CINTEC M12 1/2"
 STAINLESS STEEL ANCHOR**



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Cintec M12 / 1/2" Anchor with oversize sock for Terra-Cotta



ANCHOR BODY	SOCK	END CONDITION
S/S Grade 304 1/2" Dia Solid threaded	Full length of Anchor Body 2" Dia Sock	PLAIN ENDS

CLIENT TO CONFIRM ALL ANCHOR LENGTHS BY SITE MEASUREMENTS

**NB Drill hole size
1 1/4"**



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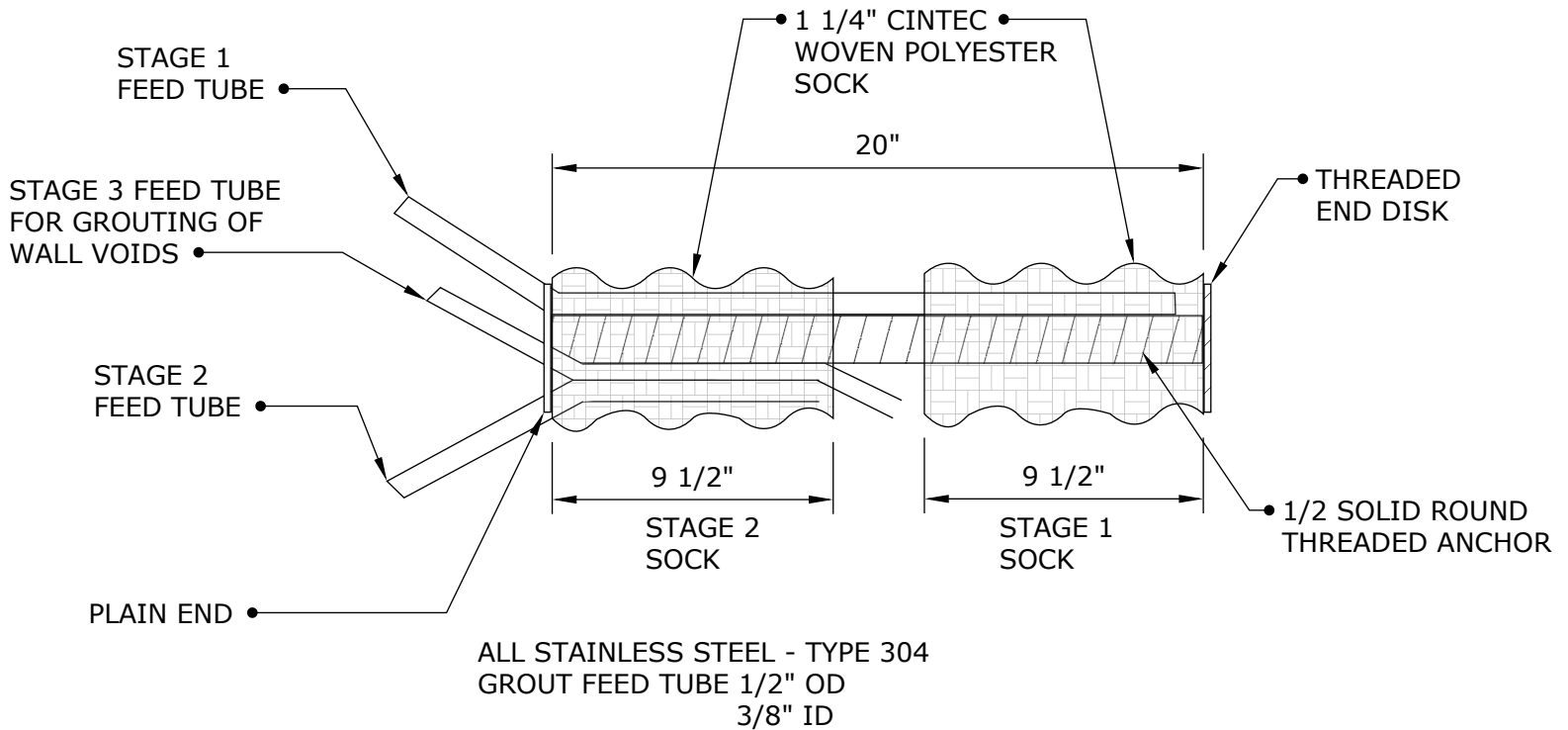
Drawing Title:

**CINTEC M12 / 1/2"
 ANCHOR WITH OVERSIZE
 SOCK FOR TERRA-COTTA**



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CINTEC 2 STAGE M12 1/2" DIA STAINLESS STEEL ANCHOR



ANCHOR LENGTH TO SUIT SITE CONDITIONS
Client to confirm ALL lengths before ordering.



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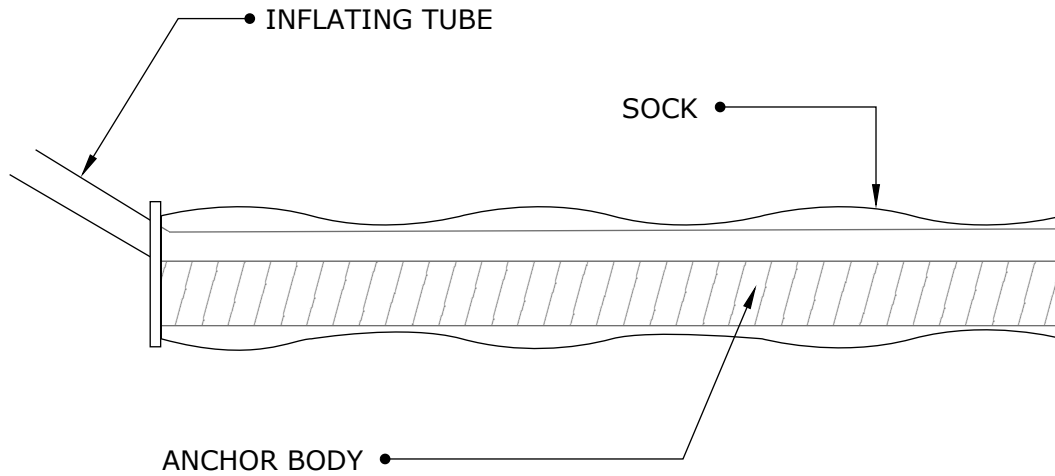
Drawing Title:

**CINTEC 2 STAGE M12 1/2"
DIA STAINLESS STEEL
ANCHOR**



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CINTEC M16 5/8" - Stainless steel Anchor FULLY SOCKED



ANCHOR BODY	SOCK	END CONDITION
SS TYPE 304 5/8" - 16 MM SOLID ROUND THREADED ROD	FULL LENGTH OF ANCHOR BODY DIA 1 1/2"	PLAIN ENDS

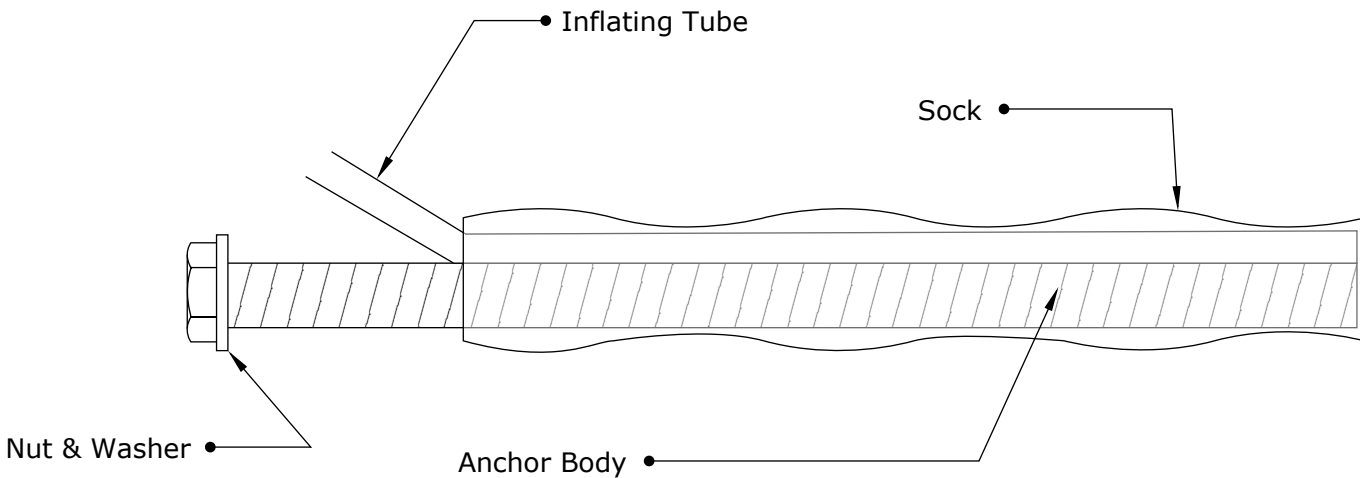
ANCHOR LENGTH TO SUIT SITE CONDITIONS
Client to confirm ALL lengths before ordering.

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CINTEC M16 - 5/8th" Stainless steel Anchor



ANCHOR BODY	SOCK	END CONDITION
M16 SS 304 - 5/8" Dia solid round threaded rod	5/8th" - dia full length less amount of exposed thread as specified by Engineer / Architec of record	SS 304

ANCHOR LENGTH TO SUIT SITE CONDITIONS
Client to confirm ALL lengths before ordering.



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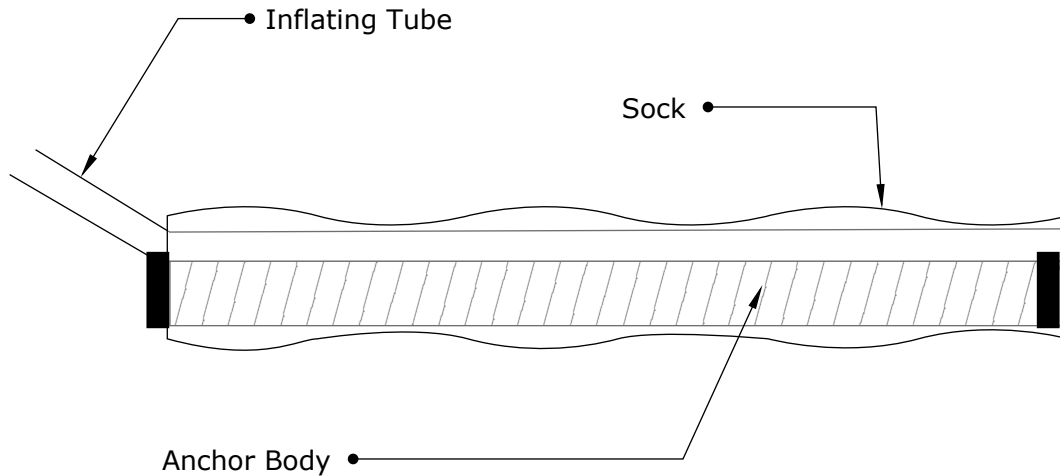
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CINTEC M16 - 5/8"
STAINLESS STEEL ANCHOR



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M20 3/4" STAINLESS STEEL CINTEC ANCHOR



ANCHOR BODY	SOCK	END CONDITION
Grade 304 S/S 20mm 3/4" Dia	2" or larger to suit site conditions as directed by project Engineer/ Architect	

ANCHOR LENGTH TO SUIT SITE CONDITIONS
Client to confirm ALL lengths before ordering.



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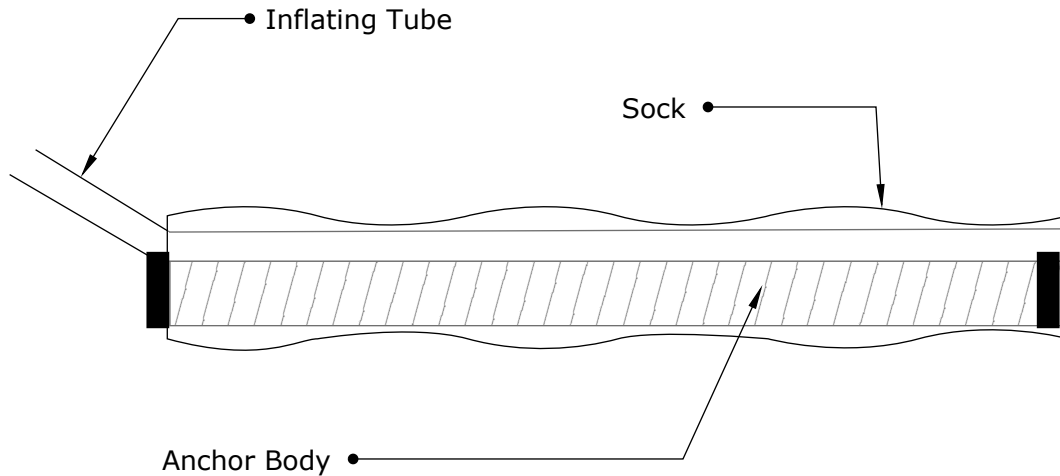
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**M20 3/4" STAINLESS
 STEEL CINTEC ANCHOR**




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M20 3/4" STAINLESS STEEL CINTEC ANCHOR



ANCHOR BODY	SOCK	END CONDITION
Grade 304 S/S 20mm 3/4" Dia	2" or larger to suit site conditions as directed by project Engineer/ Architect	

ANCHOR LENGTH TO SUIT SITE CONDITIONS
Client to confirm ALL lengths before ordering.

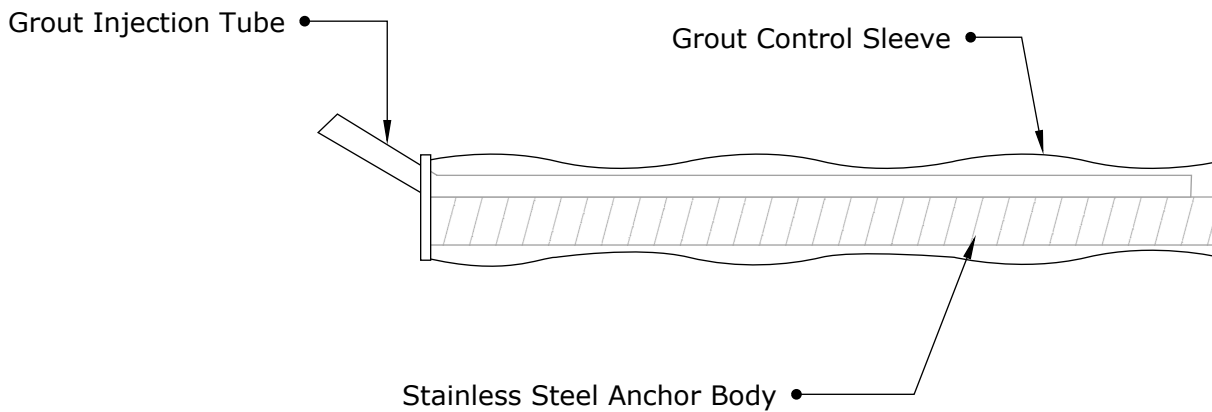
	Engineered Grout Injection Anchors by: CINTEC Structural Solutions Tel: 1-410-761-0765 1-613-225-3381 Fax: 1-613-224-9042 E-mail: solutions@cintec.com	Drawing Title: M20 3/4" STAINLESS STEEL CINTEC ANCHOR
---	--	---



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TYPICAL CINTEC REINFORCEMENT ANCHOR

Cintec Stainless steel Anchor #7



ANCHOR BODY	SOCK	CORE HOLE SIZE
SS Type 304 #7 Rebar Anchor Body	Full length of Anchor Body	To suit site conditions

All CINTEC anchors are comprised of a structural member surrounded by a fabric sleeve into which Presstec grout is injected. Stainless steel sizes/sections & lengths, sleeve sizes & end conditions vary in accordance with specific design.

ANCHOR LENGTH TO SUIT SITE CONDITIONS
Client to confirm ALL lengths before ordering.

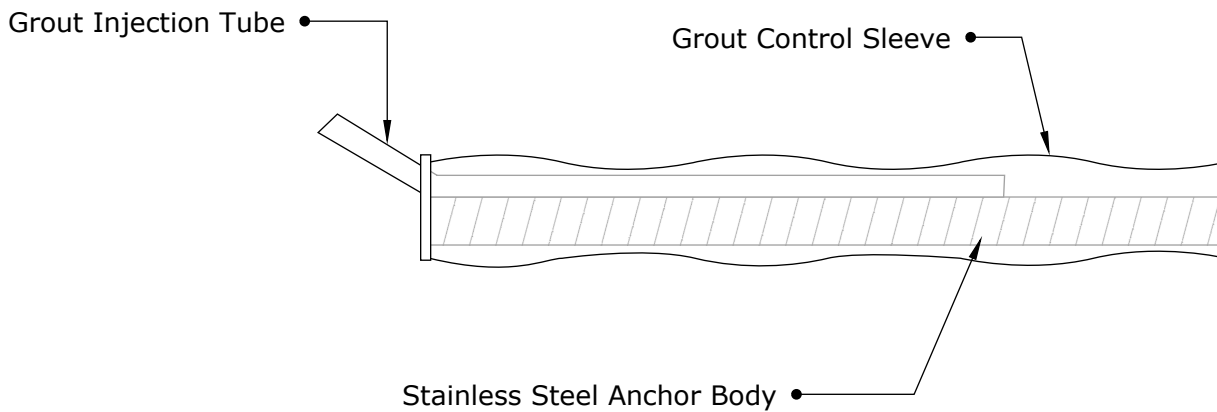
	Engineered Grout Injection Anchors by: CINTEC Structural Solutions Tel: 1-410-761-0765 1-613-225-3381 Fax: 1-613-224-9042 E-mail: solutions@cintec.com	Drawing Title: CINTEC STAINLESS STEEL ANCHOR #7
---	--	---



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TYPICAL CINTEC REINFORCEMENT ANCHOR


CINTEC M25/#8 STAINLESS STEEL ANCHOR



ANCHOR BODY	SOCK	CORE HOLE SIZE
SS Type 304 1" Dia Anchor Body	Full length of Anchor Body	To suit site conditions

All CINTEC anchors are comprised of a structural member surrounded by a fabric sleeve into which Presstec grout is injected. Stainless steel sizes/sections & lengths, sleeve sizes & end conditions vary in accordance with specific design.

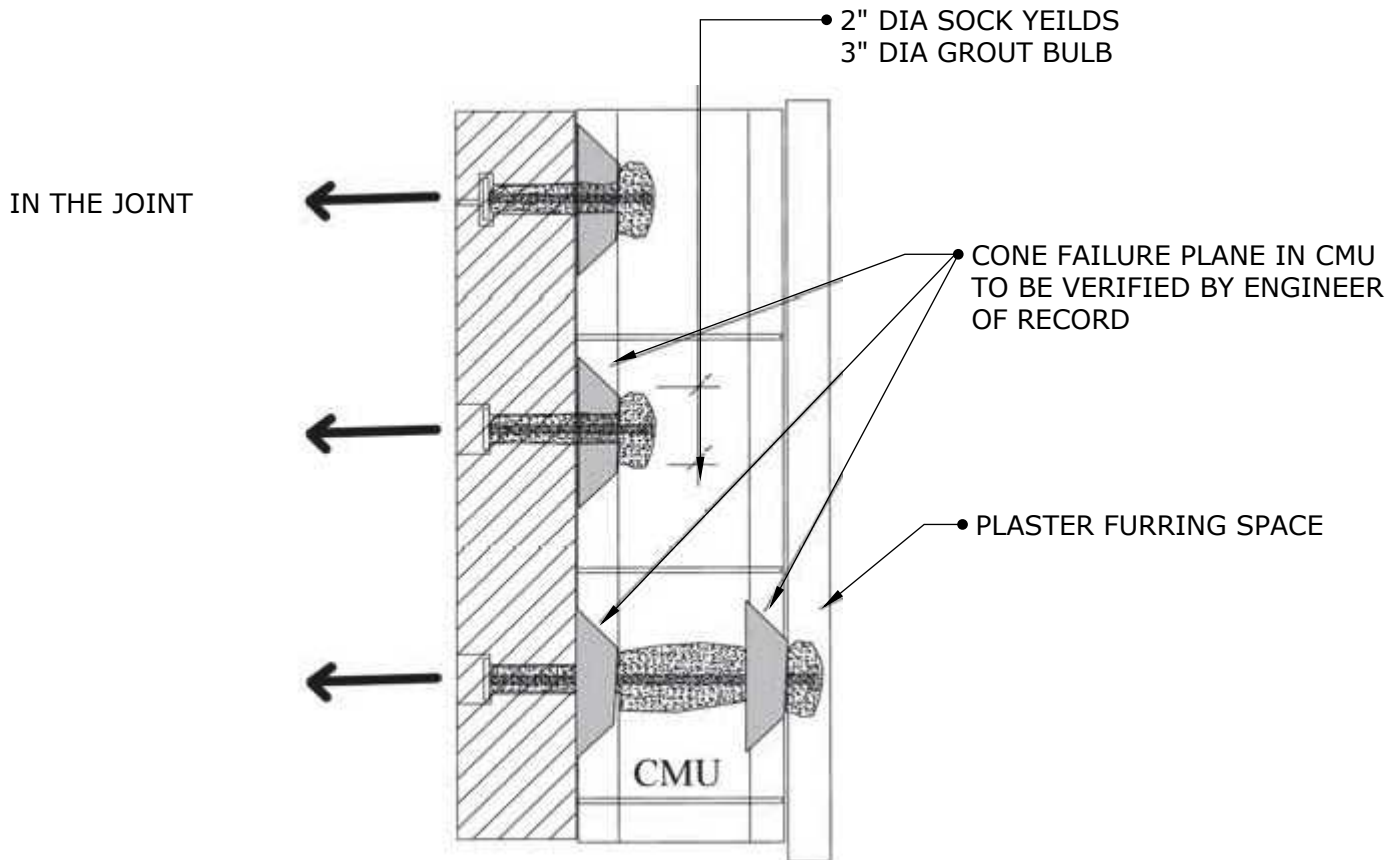
ANCHOR LENGTH TO SUIT SITE CONDITIONS
Client to confirm ALL lengths before ordering.

	Engineered Grout Injection Anchors by: CINTEC Structural Solutions Tel: 1-410-761-0765 1-613-225-3381 Fax: 1-613-224-9042 E-mail: solutions@cintec.com	Drawing Title: CINTEC M25/#8 STAINLESS STEEL ANCHOR
---	--	--



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CINTEC ANCHOR TO ATTACH BRICK/STONE TO HOLLOW MASONRY UNIT (CMU)



ANCHOR LENGTH TO SUIT SITE CONDITIONS
Client to confirm ALL lengths before ordering.

	<p>Engineered Grout Injection Anchors by: CINTEC Structural Solutions Tel: 1-410-761-0765 1-613-225-3381 Fax: 1-613-224-9042 E-mail: solutions@cintec.com</p>	<p>Drawing Title: CINTEC ANCHOR TO ATTACH BRICK/STONE TO HOLLOW MASONRY UNIT</p>
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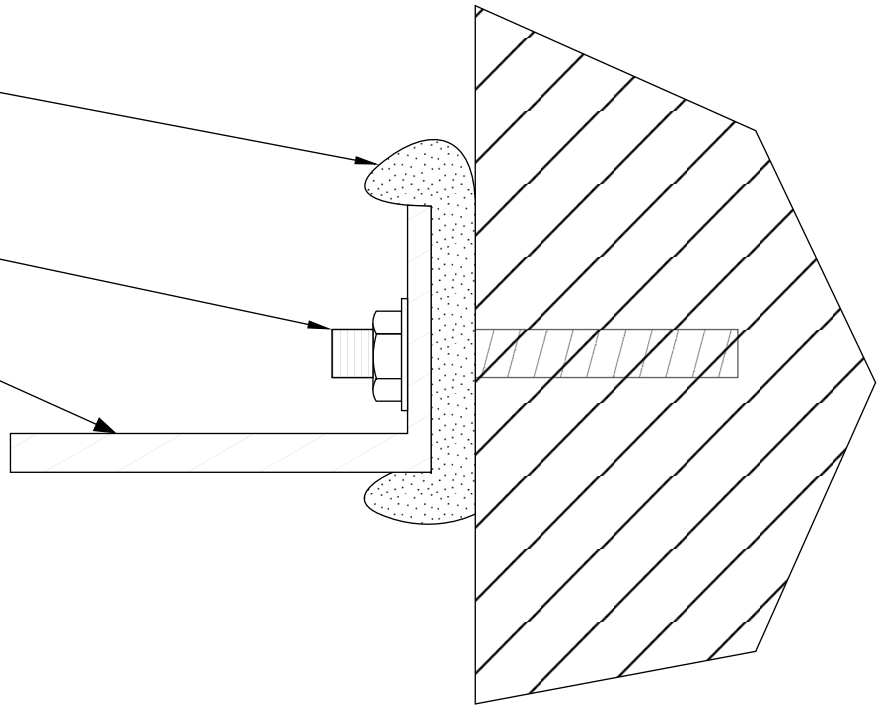


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CINTEC ANTI ROTATION PILLOW

3" WIDE X 6" LONG
CINTEC ANTI-ROTATION
PILLOW
INJECT WITH PRESSTEC
GROUT BY CINTEC
PILLOW TO BE PLACED
BETWEEN EXISTING ANCHORS

EXISTING SHELF ANGLE
AND ANCHORS

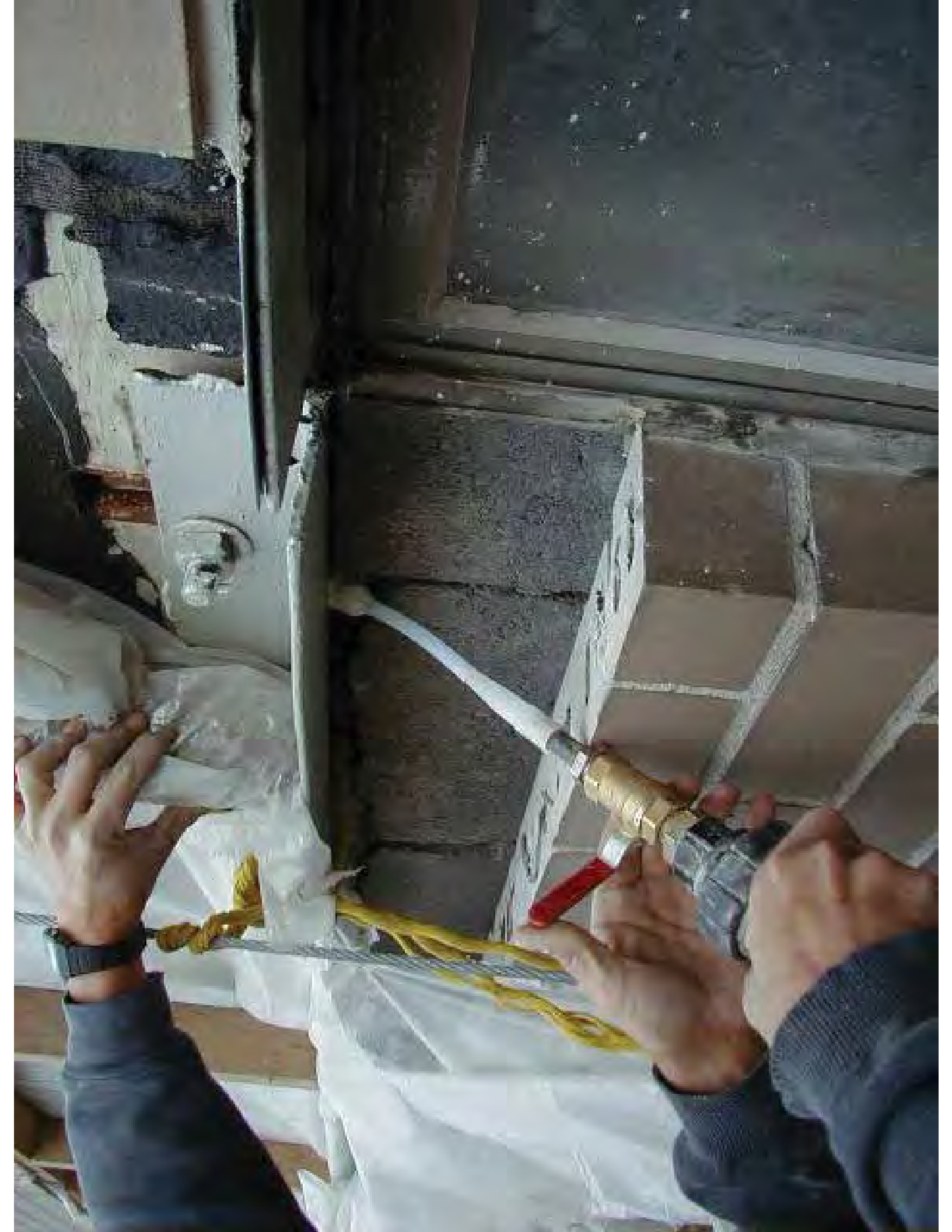


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1-613-225-3381
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E-mail: solutions@cintec.com

Drawing Title:

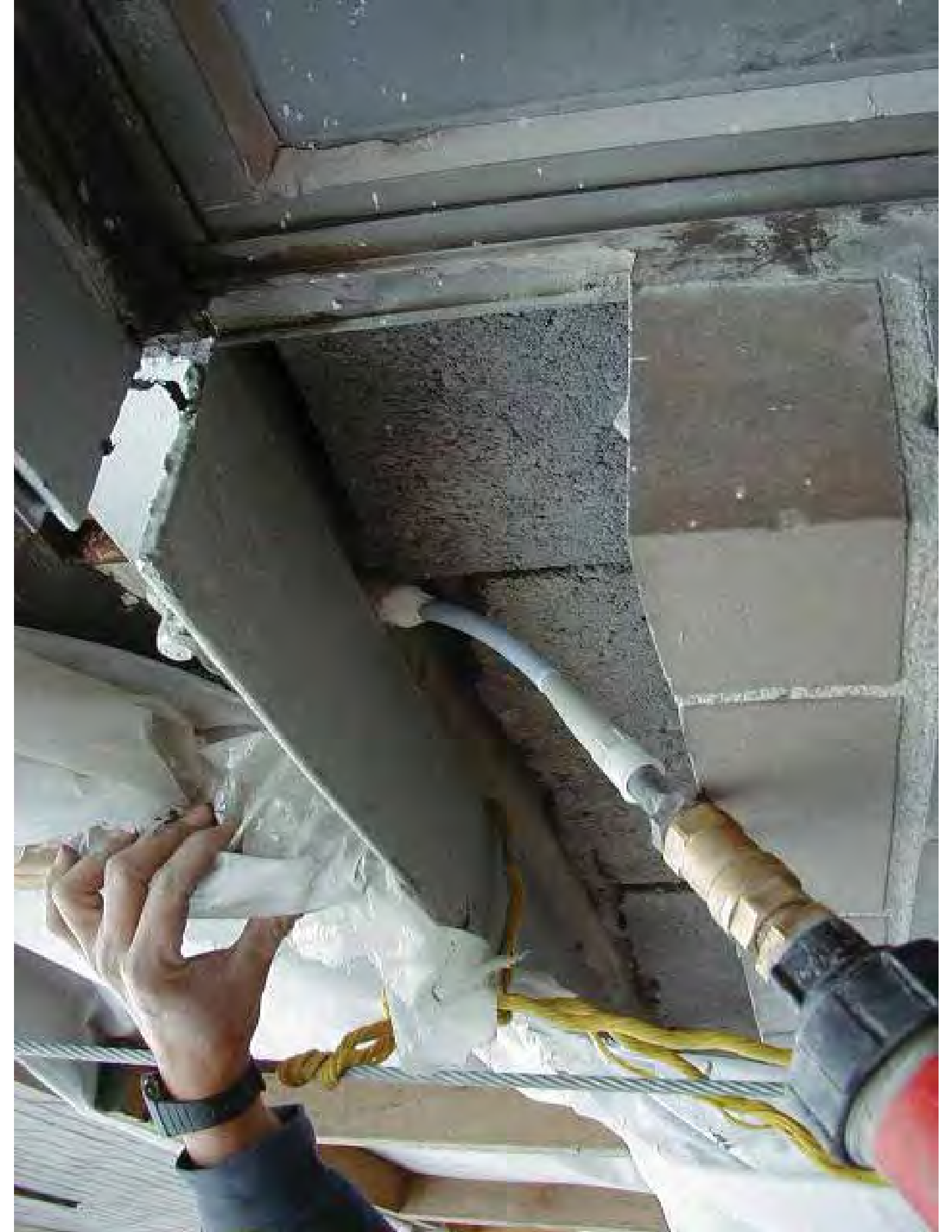
**CINTEC ANTI ROTATION
PILLOW**

















Facade of Building to wood floor diaphragm stabilization

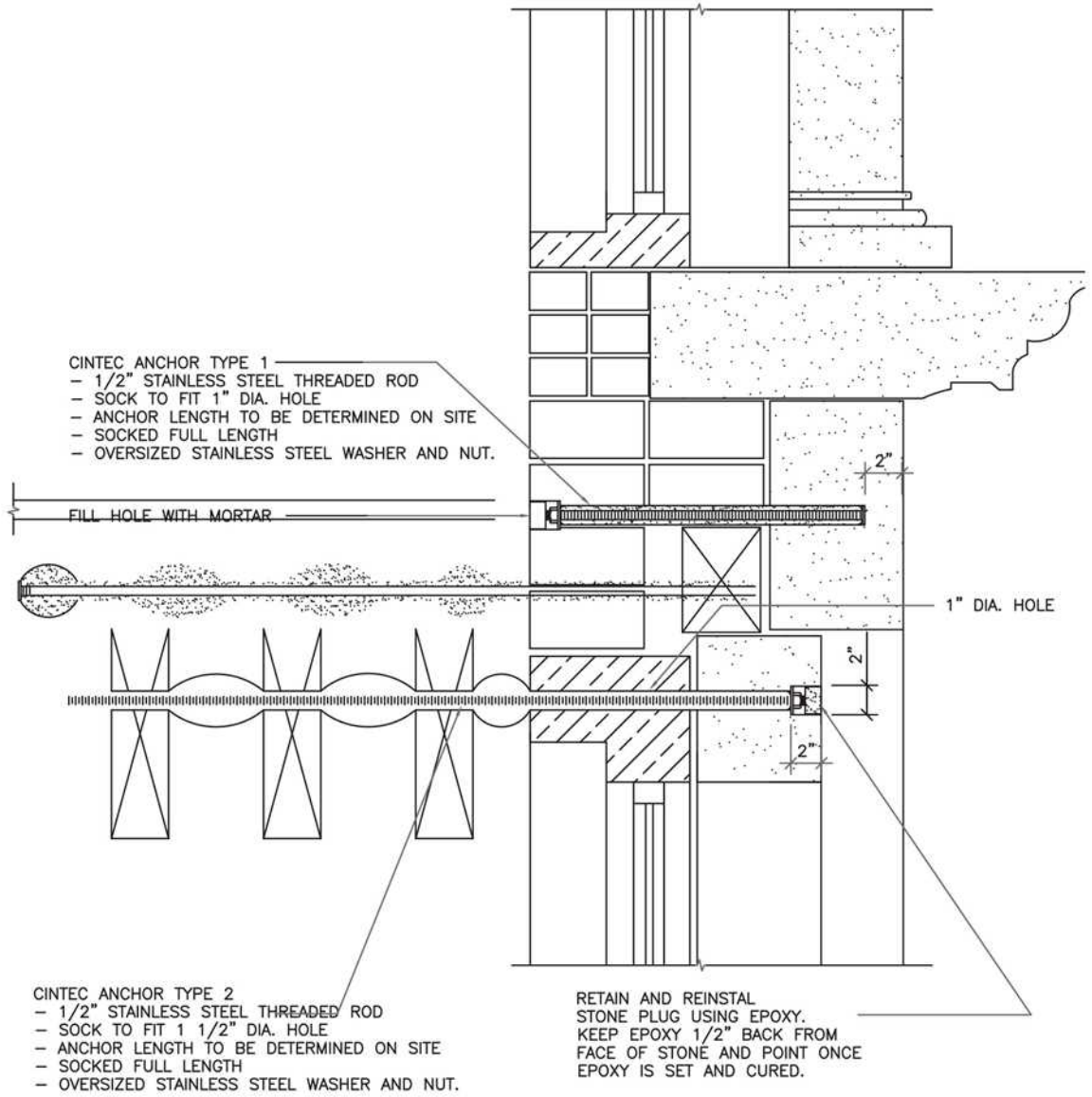
CINTEC

REINFORCEMENT SYSTEMS



This five storey apartment block required the securement of its brick walls to each of its wooden floors. Cintec 5/8 inch diameter M16 solid bar anchors of 4ft 3inch in length were installed at an angle of 45°. Protruding beyond the underside of the wooden floor beams enabled the inflated anchor to expand beyond the width of the drill hole to form a highly secure stopper locking together the various structural elements.

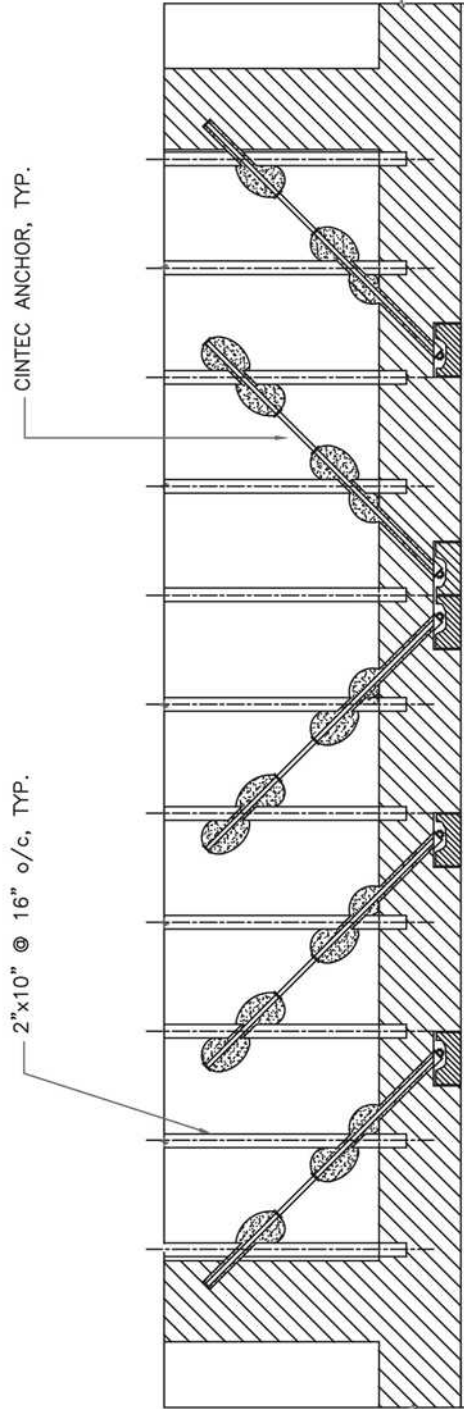
PROJECT DATA:
 LOCATION: GENERIC
 SUBSTRATE: BRICK WOOD
 ANCHOR TYPE: SRT STONE
 PRINCIPAL LOAD (FORCES) :
 COMBINED



Engineered Grout Injection Anchors by:
CINTEC Structural Solutions
 Tel: 1-410-761-0765
 1-613-225-3381
 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

CINTEC M10 STAINLESS STEEL ANCHOR



FLOOR JOIST PARTIAL PLAN

PROJECT DATA:
 LOCATION: GENERIC
 SUBSTRATE: STONE WOOD
 ANCHOR TYPE: SRT WOOD
 JOIST TIE
 PRINCIPAL LOAD (FORCES) :
 TENSION

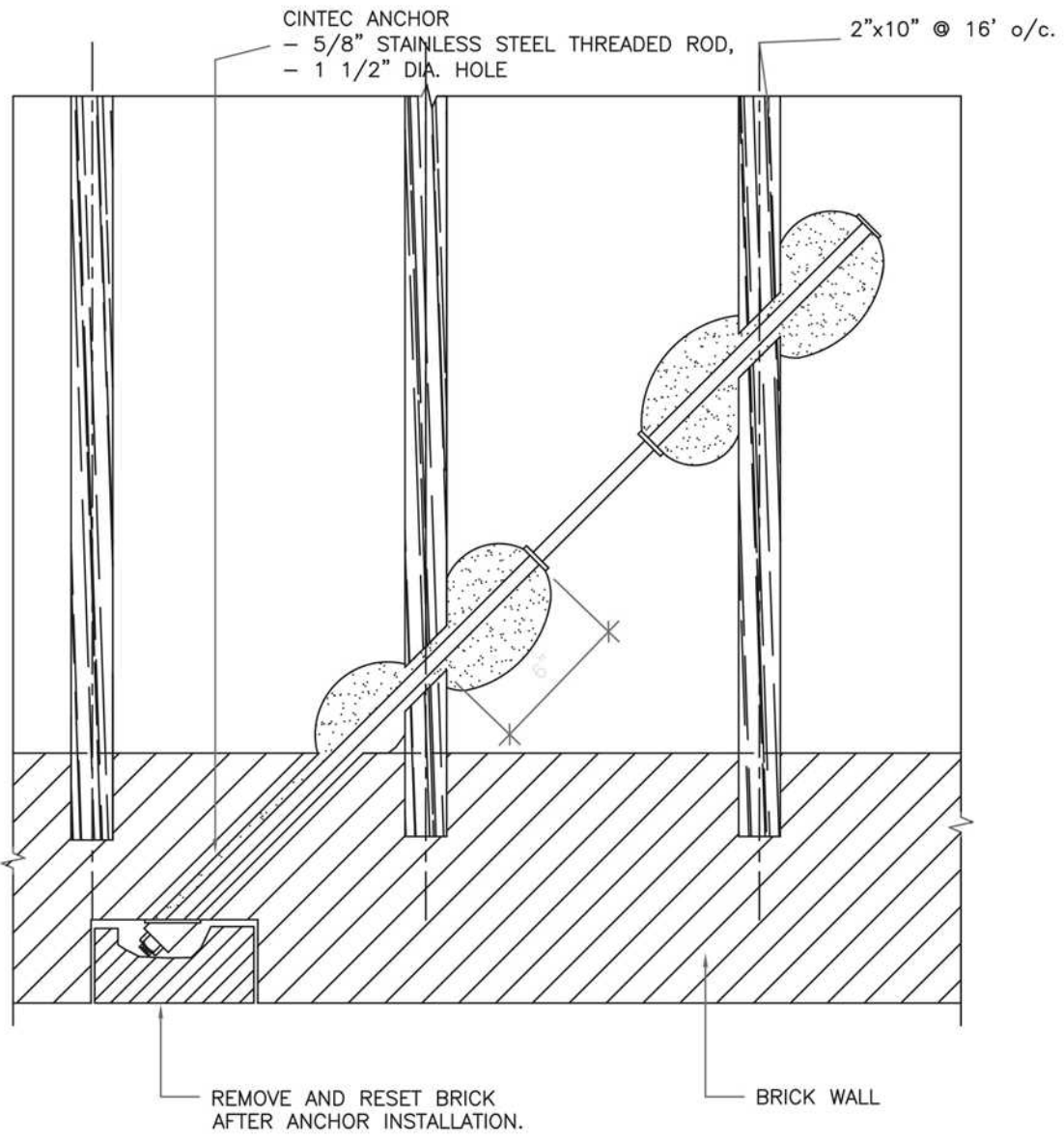


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 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

**CINTEC M10 STAINLESS
 STEEL ANCHOR**

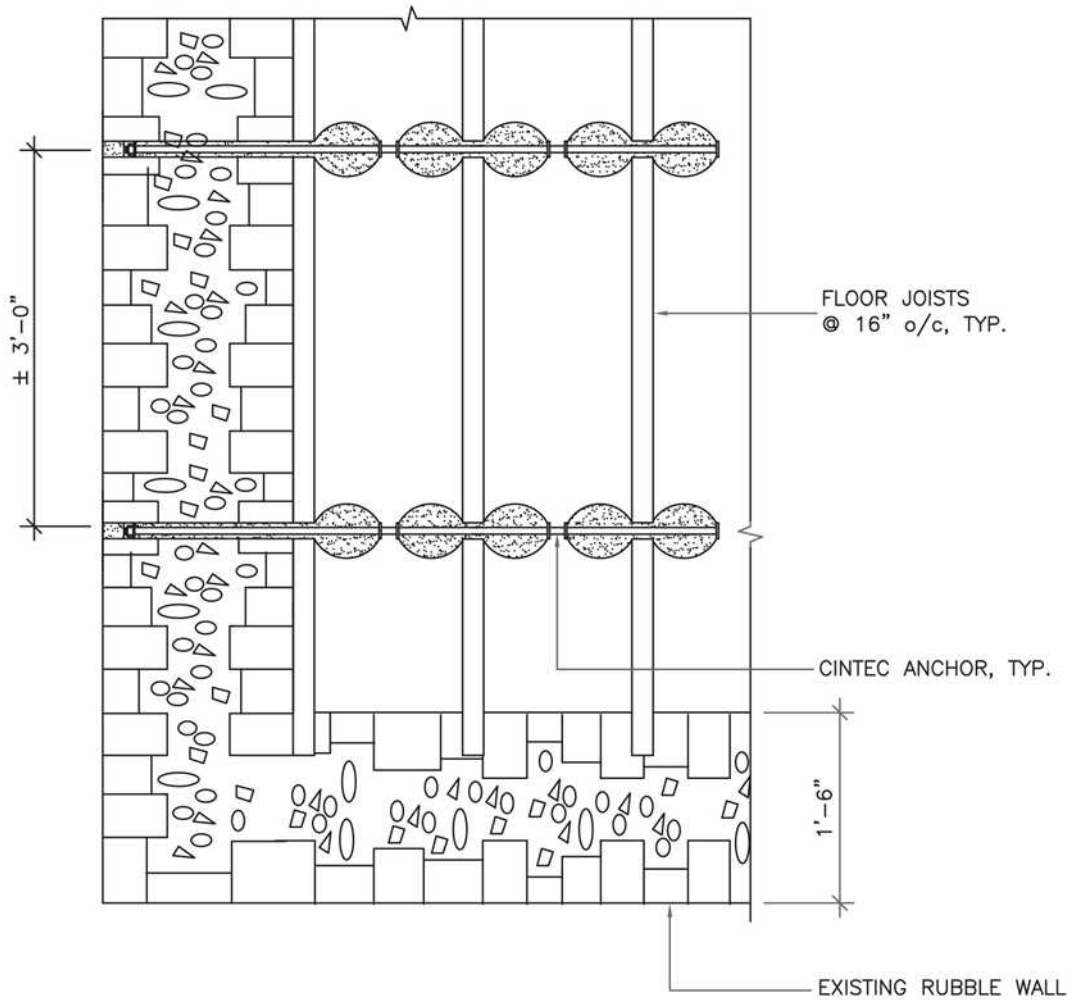
PROJECT DATA:
 LOCATION:GENERIC
 SUBSTRATE: STONE WOOD
 ANCHOR TYPE: SRT WOOD
 JOIST TIE
 PRINCIPAL LOAD (FORCES) :
 TENSION



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 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:
**CINTEC M10 STAINLESS
 STEEL ANCHOR**

PROJECT DATA:
 LOCATION:GENERIC
 SUBSTRATE: STONE WOOD
 ANCHOR TYPE: SRT WOOD
 JOIST TIE
 PRINCIPAL LOAD (FORCES) :
 TENSION



FLOOR JOIST PARTIAL PLAN

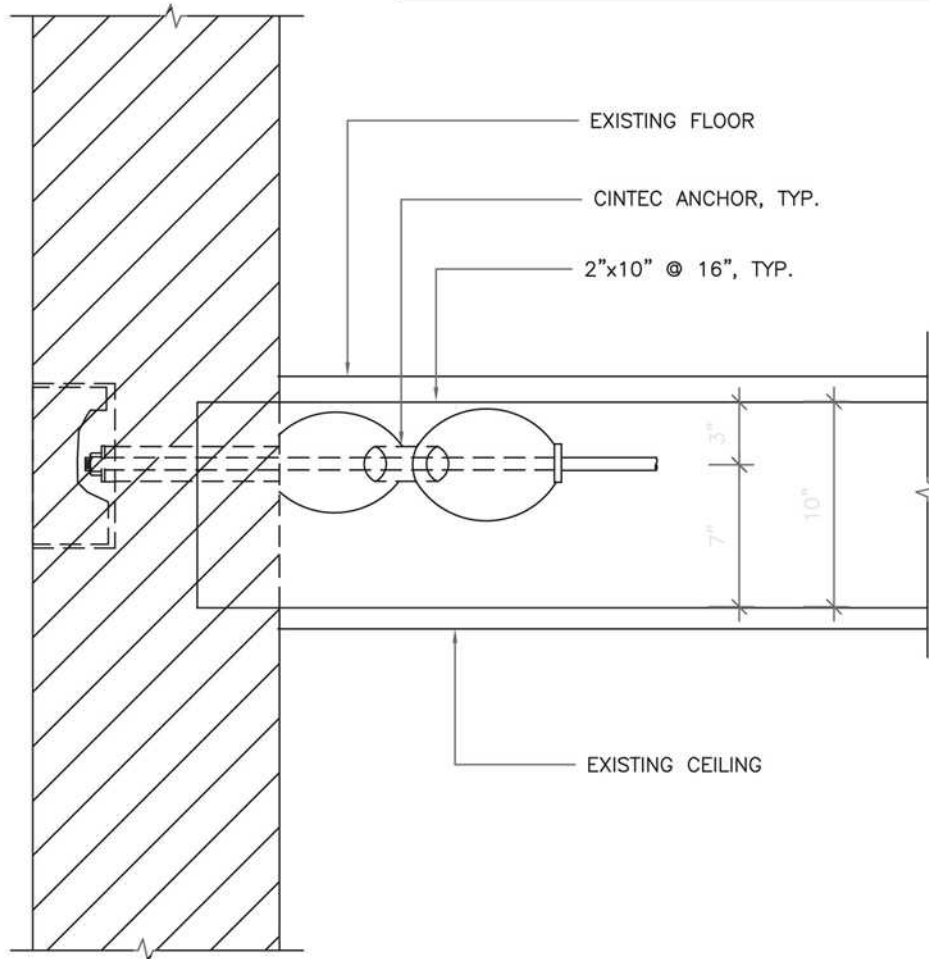


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 E-mail: solutions@cintec.com

Drawing Title:

**CINTEC M10 STAINLESS
 STEEL ANCHOR**

PROJECT DATA:
LOCATION:GENERIC
SUBSTRATE: STONE WOOD
ANCHOR TYPE: SRT WOOD
JOIST TIE
PRINCIPAL LOAD (FORCES) :
TENSION



SECTION



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E-mail: solutions@cintec.com

Drawing Title:

**CINTEC M10 STAINLESS
STEEL ANCHOR**



Cintec's approach to stabilizing
a typical Historic Masonry Arch



Terms of Reference

CINTEC was requested by the Client to recommend a solution for structural deficiencies in the Arch.

The Client provided photos of the arch in its as-found condition, taken September 09, 2001..

The Problem

The load bearing structure of the arch displays typical symptoms of masonry deterioration. This includes visible cracking in main elements.

This damage was likely caused by deterioration of mortar joints, water infiltration, movements in foundations and settlement in the masonry core of the structure.

A large-scale restoration of the Arc de Triomphe in Paris was carried out recently, to address similar problems.

The Standard Solution

Standard conservation practice would require dismantling of damaged elements of the structure and replacement with new material. In this case this may require dismantling fairly large areas of the facing of the arch.

This is a costly process and very intrusive to the historic fabric of the structure. The new materials will not match exactly the original materials, and will be quite visible for sometime after the repairs until atmospheric pollution creates a patina on the surface of the new material.

The Solution

Good heritage conservation practice requires that minimum intervention in the structure should be the first guiding principle in selecting a preservation approach.

CINTEC proposes a solution that requires no or very limited replacement of the original masonry.

The solution involves stitching together of the deteriorated elements with stainless steel anchors encased in an injected grout retained in a fabric sock.

Dry diamond air-cooled drilling is used to create the holes for anchor insertion. This eliminates the need to pump additional water into the structure, which typically occurs with wet diamond drilling.

The grout is a natural product, with high resistance to fire and freeze-thaw damage.



Photo 020 - Sept 09, 2001

Case 1: Cross Wythe Stitching Repair

Anchor specification 3/8" \emptyset hollow circular stainless steel CINTEC anchors with 3/4" \emptyset sock in 3/4" \emptyset hole. Plain ends.
Anchor spacing: 12" cts. Around opening.
Diamond 5 pattern elsewhere @ 36" cts.



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Fax: 1-613-224-9042
E-mail: solutions@cintec.com

Drawing Title:

**CROSS WYTHE
STITCHING REPAIR**



Photo 001 - Sept. 09, 2001

Case 2: Brick Stitching Repair

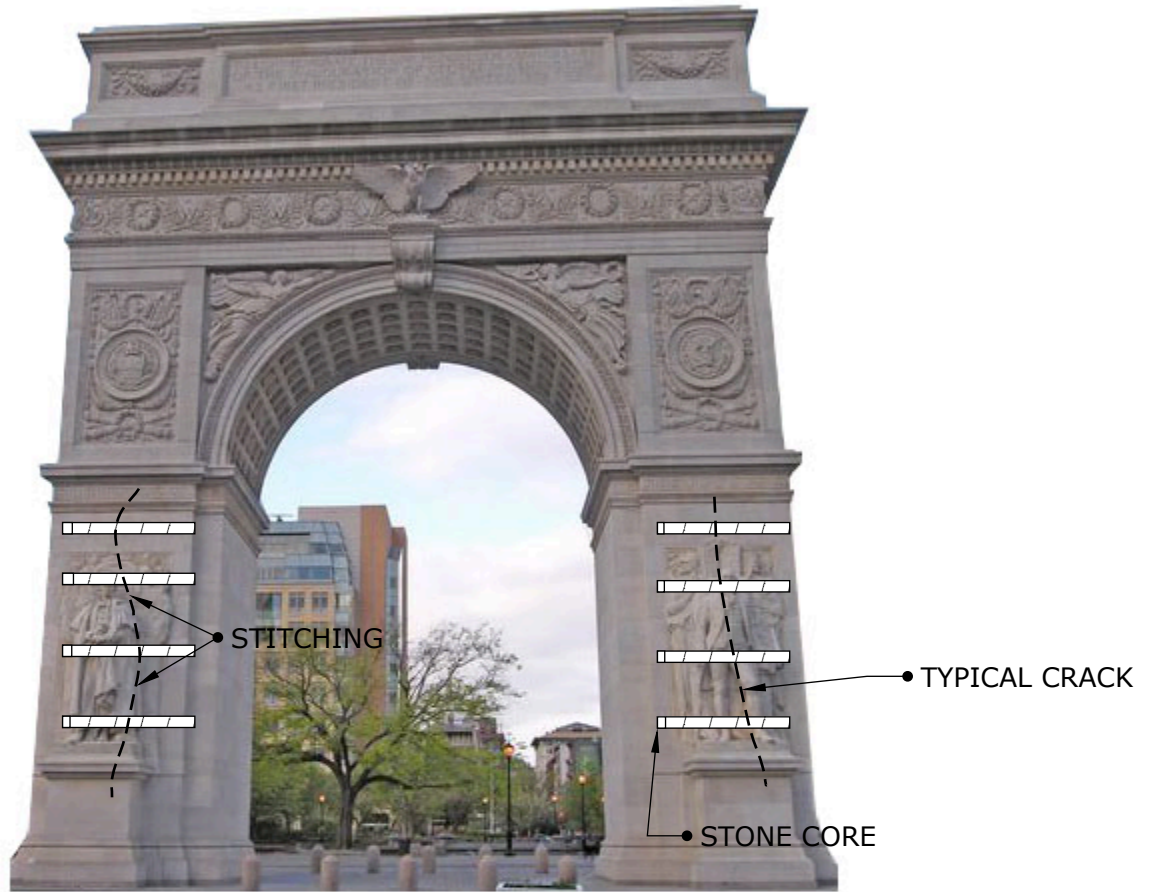
Anchor specification 3/8" \emptyset hollow circular stainless steel CINTEC anchors with 3/4" \emptyset sock in 3/4" \emptyset hole. Plain ends. Anchor spacing: 16" cts.



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Fax: 1-613-224-9042
E-mail: solutions@cintec.com

Drawing Title:

**BRICK STITCHING
REPAIR**



Case 3: Stone Corner Stitching Repair

Anchor specification: 3/4" Ø solid threaded steel CINTEC anchors with 2 1/2" Ø sock in 2 1/2" Ø hole 30" past crack. Plain ends.
 Anchor spacing: 48" cts. vertical.



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 1-613-225-3381
 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

**STONE CORNER
 STITCHING REPAIR**

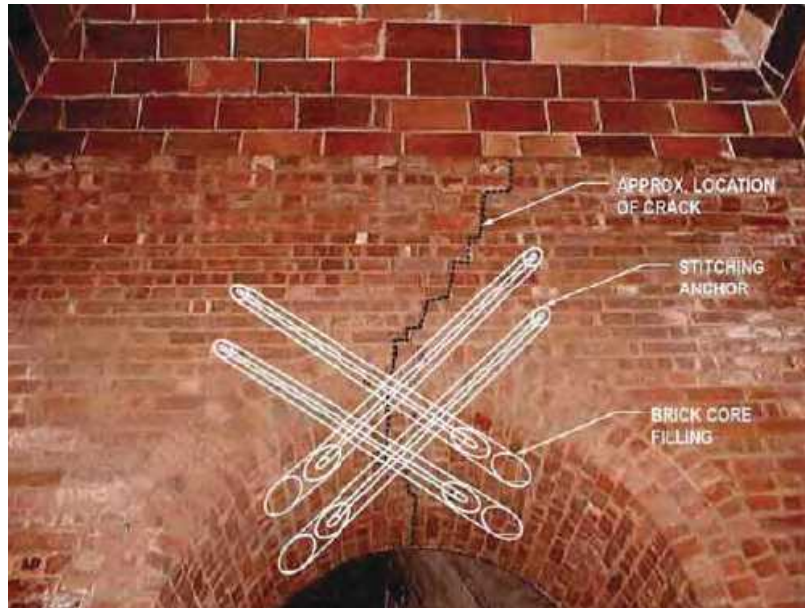


Photo 006 - Sept. 09, 2001

Case 4:

Arch stitching

Anchor specification: 5/8" \emptyset solid threaded stainless steel CINTEC anchors with 2" \emptyset sock in 2" \emptyset hole. Plain ends.
4 anchors per arch.



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Fax: 1-613-224-9042
E-mail: solutions@cintec.com

Drawing Title:

ARCH STITCHING

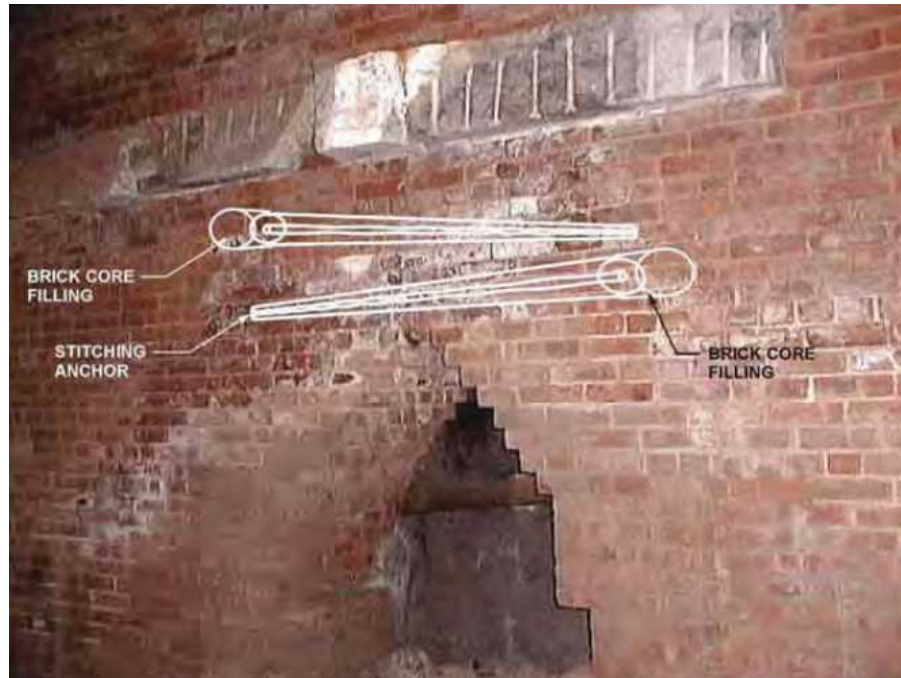


Photo 004 - Sept. 09, 2001

Case 5:

Arch Cross Stitching

Anchor specification: 5/8" \emptyset solid threaded stainless steel CINTEC anchors with 2" \emptyset sock in 2" \emptyset hole.
Install horizontally @ 20° to wall face.
2 or 4 anchors per arch.



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Fax: 1-613-224-9042
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Drawing Title:

ARCH CROSS STITCHING



Case 6:

Stone Repair

Anchor specification: 3/8" Ø hollow circular stainless steel CINTEC anchors with 3/4" Ø sock in 3/4" Ø hole.
Install horizontally @ 20° to wall face.
2 anchors per crack.



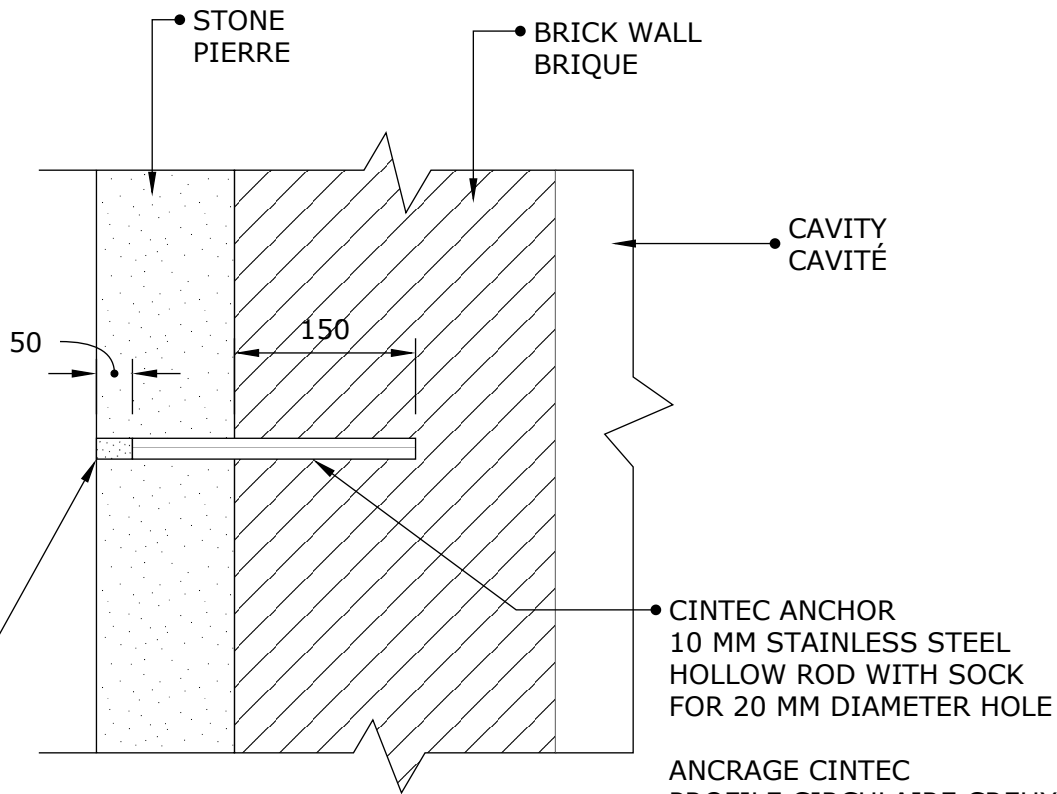
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CINTEC Structural Solutions
Tel: 1-410-761-0765
1-613-225-3381
Fax: 1-613-224-9042
E-mail: solutions@cintec.com

Drawing Title:

STONE REPAIR



**Structural Reinforcement
Anchor Systems**



• CAVITY
CAVITÉ

• CINTEC ANCHOR
10 MM STAINLESS STEEL
HOLLOW ROD WITH SOCK
FOR 20 MM DIAMETER HOLE

ANCRAGE CINTEC
PROFILE CIRCULAIRE CREUX DE 10 MM
EN ACIER INOXYDABLE AVEC CHAUSSETTE
POUR TROU DE 20 MM DE DIAMETRE

• RETAIN AND REINSTALL STONE PLUG USING EPOXY.
KEEP EPOXY 1/2" BACK FROM FACE OF STONE
AND POINT ONCE EPOXY IS SET AND CURED.

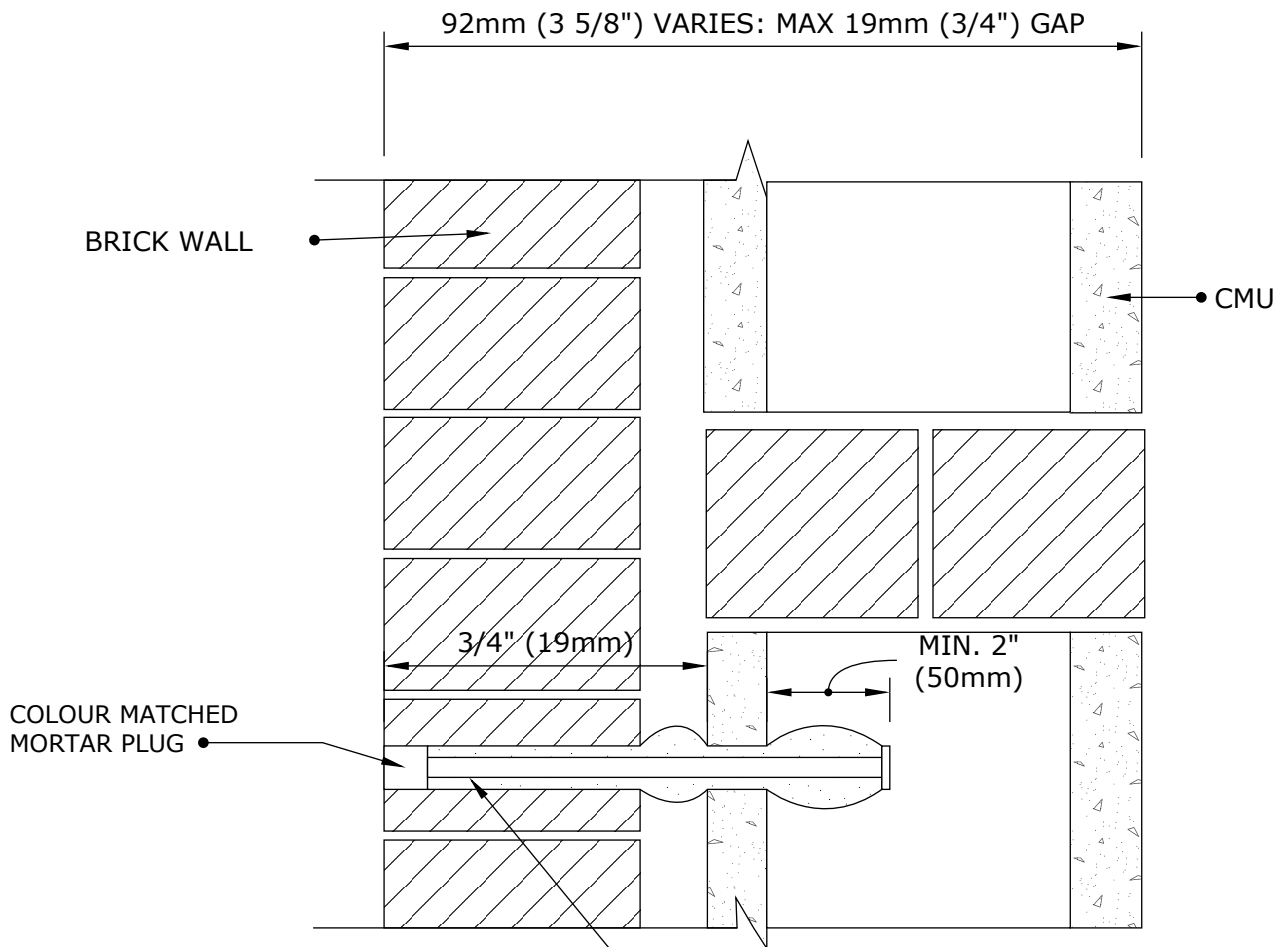
CONSERVER ET REMPLACER LE BOUCHON DE PIERRE
EN UTILISANT DE L'EPOXY. GARDER L'EPOXY 1/2"
DE LA SURFACE EXTERIOR DE LA PIERRE ET REJOINTER
UNE FOIS QUE L'EPOXY EST COMPLETEMENT CURÉ



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1-613-225-3381
Fax: 1-613-224-9042
E-mail: solutions@cintec.com

Drawing Title:

**TYPICAL ANCHOR WALL
DETAIL**



- ANCHOR:
- 10x1 CHS WALL TIE
 - OVERSIZED SOCK IN 19mm (3/4") HOLE

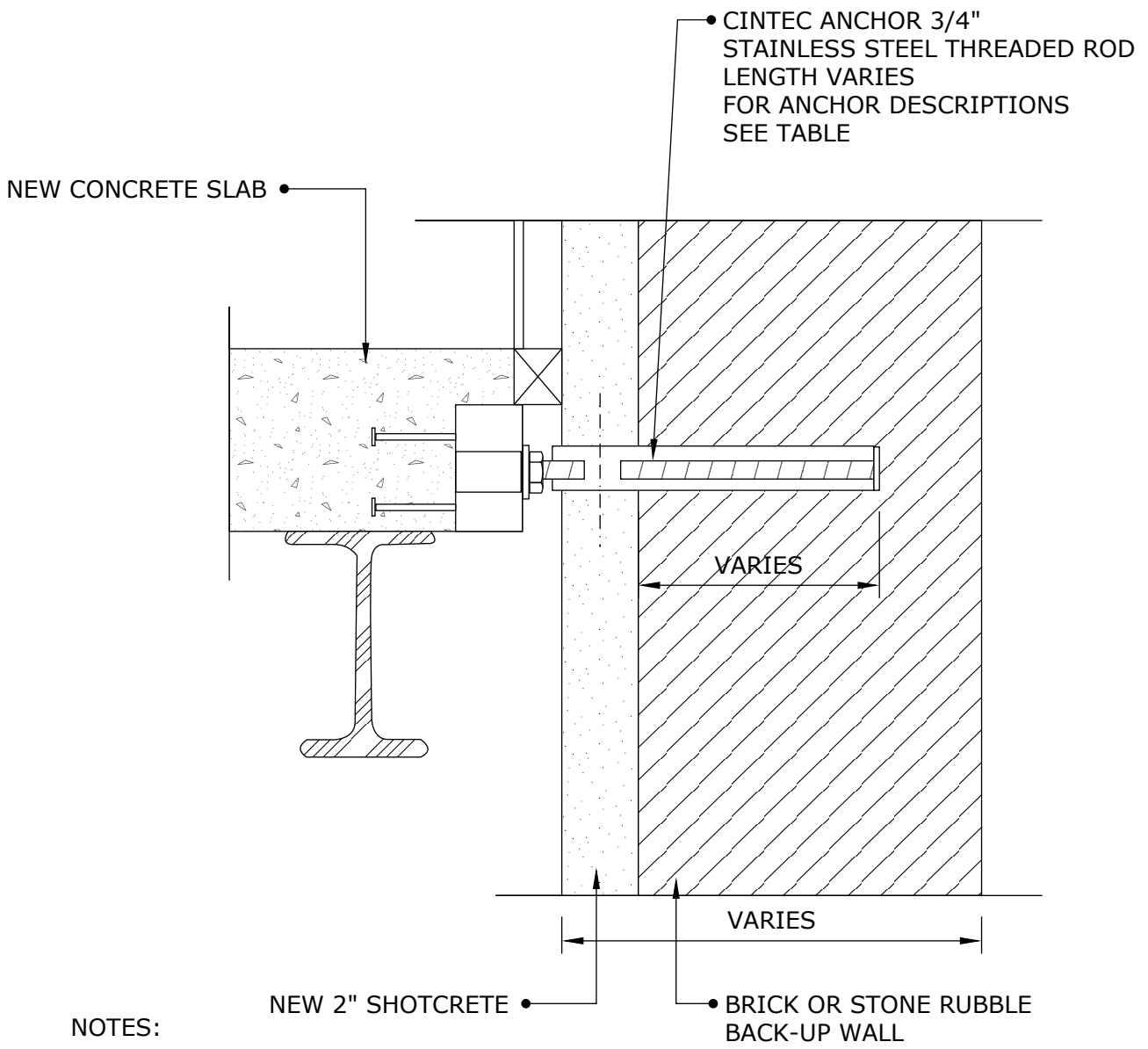
- NOTES:
1. WALL TIE ANCHOR TO BE INSTALLED IN DIAMOND PATTERN WITH 600mm VERTICAL SPACING AND 1000mm HORIZONTAL SPACING.
 2. TOTAL ANCHOR LENGTH TO BE CONFIRMED BY CLIENT.



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 1-613-225-3381
 Fax: 1-613-224-9042
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Drawing Title:

**MASONRY
 STABILIZATION WALL
 TIE ANCHOR**



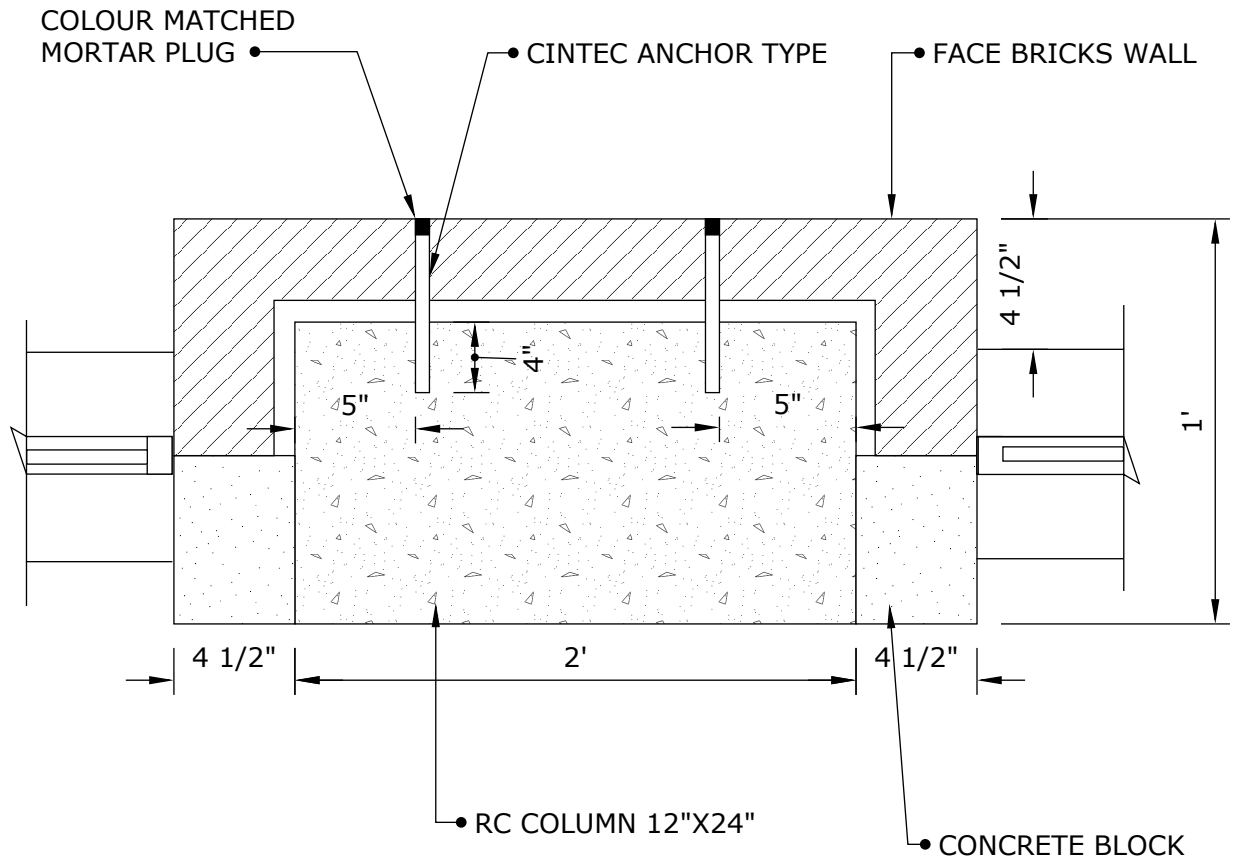
NOTES:

- 1. FOR ANCHOR DESCRIPTIONS SEE SK
- 2. FOR SPACING OF ANCHORS SEE SK
- 3. CLIENT TO CHECK TOTAL ANCHOR



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 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:
**TYPICAL ANCHOR
 DETAIL TO TIE NEW
 FLOOR TO EXISTING
 WALL**



CINTEC ANCHOR:

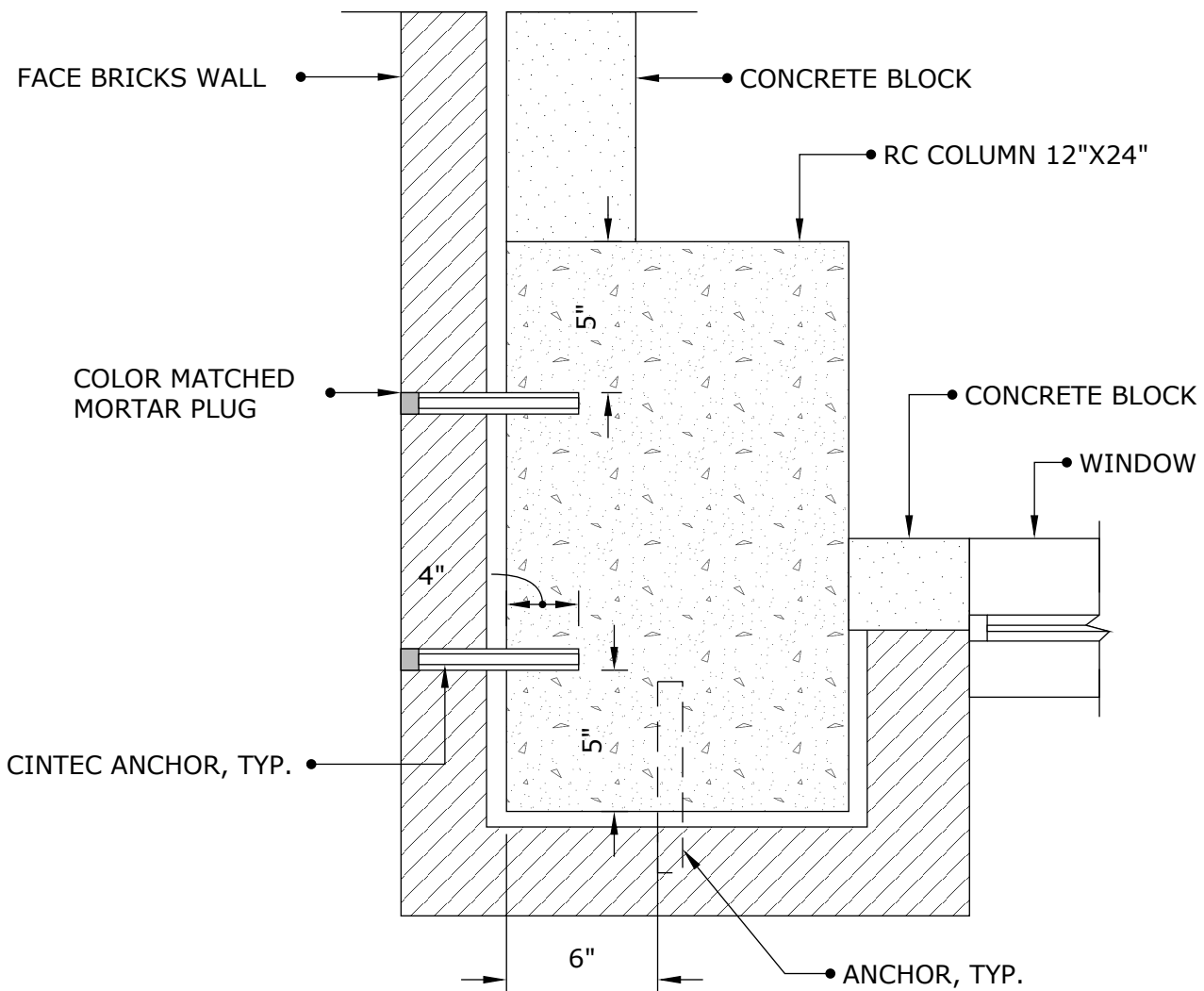
- 10x1 mm STAINLESS STEEL WALL TIE
- SOCK TO FIT 3/4" DIA. HOLE
- MINIMUM EMBEDMENT LENGTH IN SOLID CONCRETE 4"
- CLIENT TO CHECK TOTAL ANCHOR LENGTH PRIOR TO ORDERING
- FILL EXTERNAL FACE WITH COLOR MATCHED MORTAR PLUG



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 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

**WALL TIE ANCHOR
 TYPICAL COLUMN
 SECTION**



CINTEC ANCHOR:

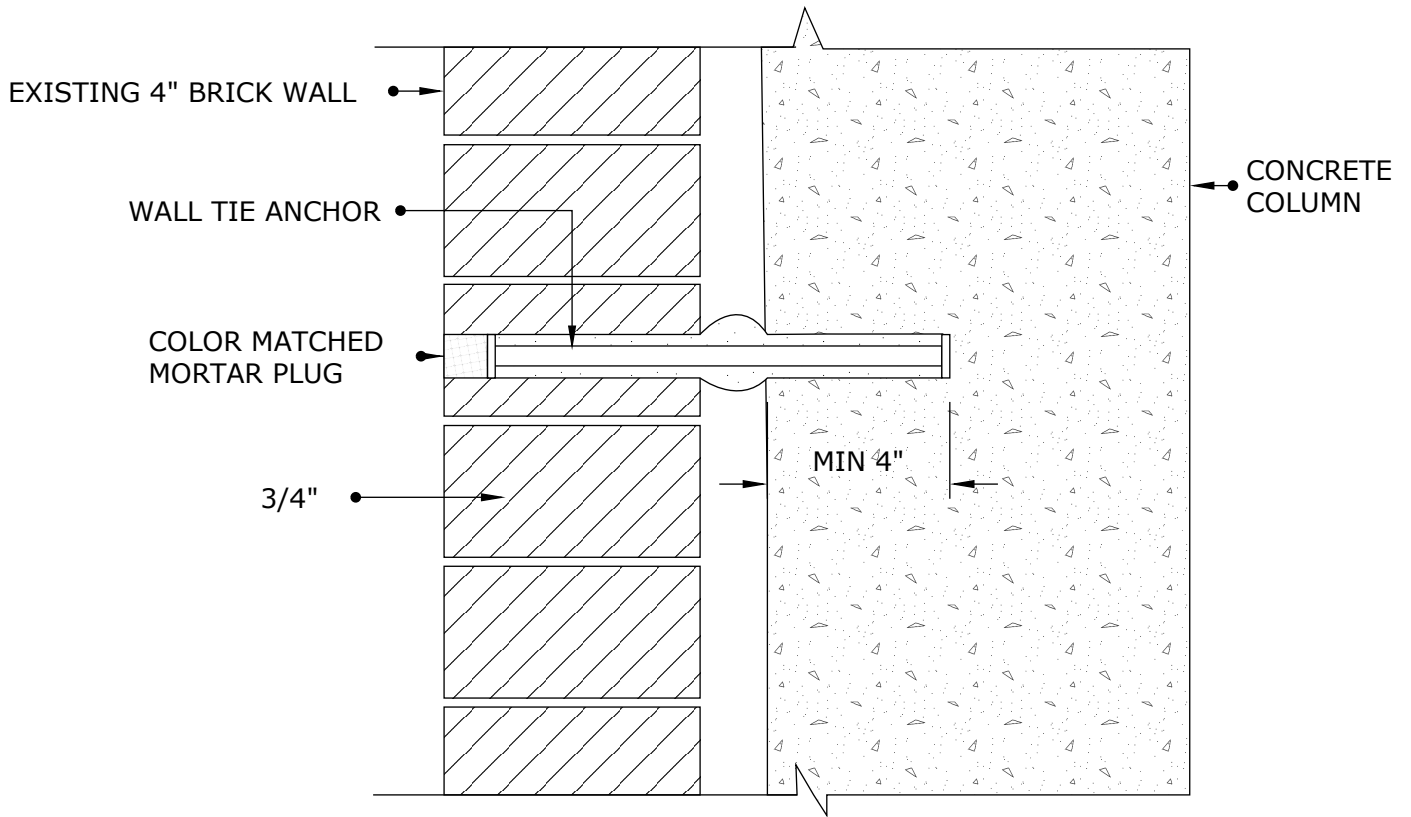
- 10x1 mm STAINLESS STEEL WALL TIE
- SOCK TO FIT 3/4" DIA. HOLE
- MINIMUM EMBEDMENT LENGTH IN SOLID CONCRETE 4"
- CLIENT TO CHECK TOTAL ANCHOR LENGTH PRIOR TO ORDERING
- FILL EXTERNAL FACE WITH COLOR MATCHED MORTAR PLUG



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 1-613-225-3381
 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

**WALL TIE ANCHOR
 CORNER COLUMN
 SECTION**



CINTEC ANCHOR:

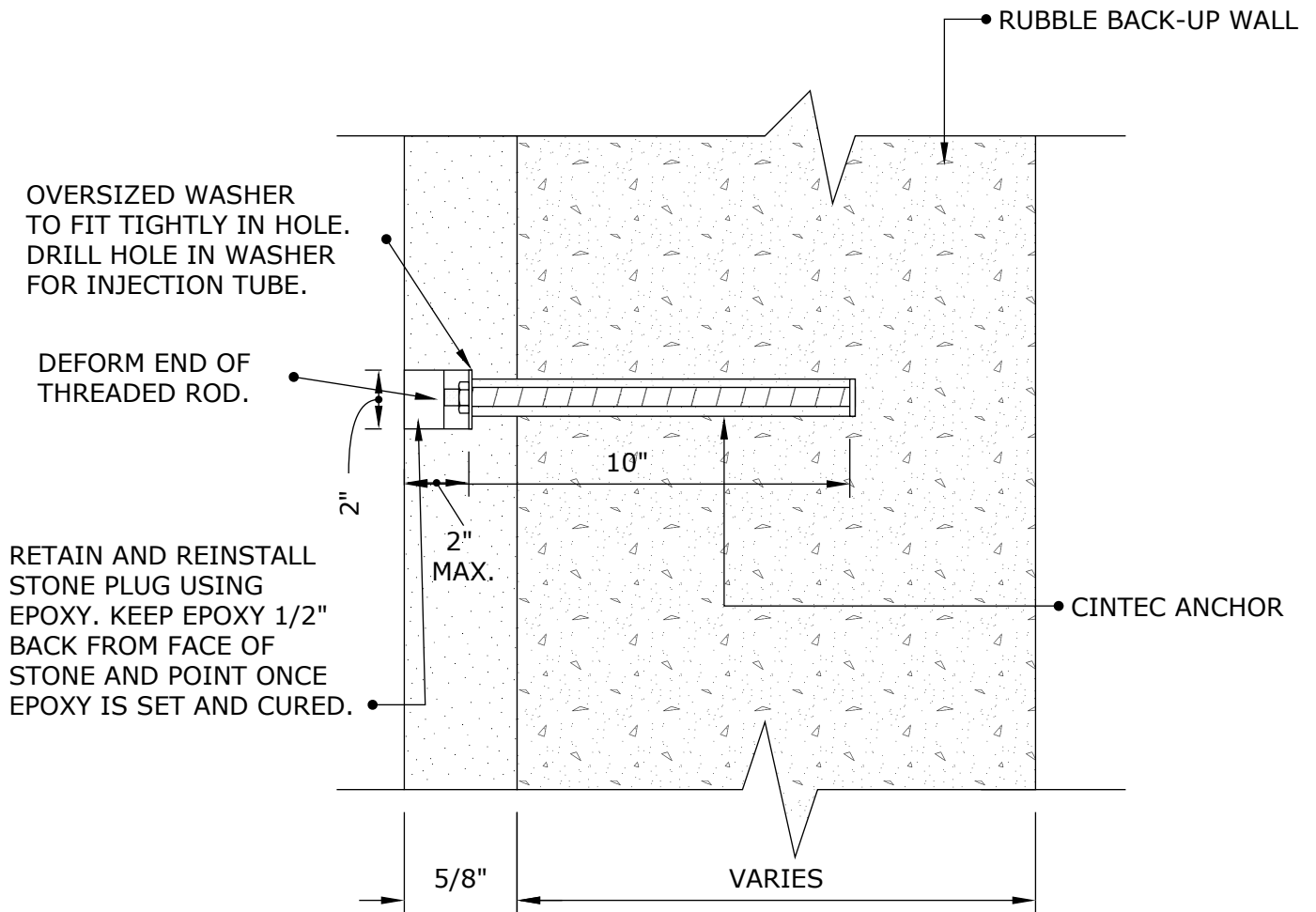
- 10x1 mm STAINLESS STEEL WALL TIE, IN DIAMOND PAT
- SOCK TO FIT 3/4" DIA. HOLE
- MINIMUM EMBEDMENT LENGTH IN SOLID CONCRETE 4"
- CLIENT TO CHECK TOTAL ANCHOR LENGTH PRIOR TO ORDERING
- FILL EXTERNAL FACE WITH COLOR MATCHED MORTAR PLUG



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 1-613-225-3381
 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

**WALL TIE ANCHOR
 BRICK STABILIZATION**



NOTES:

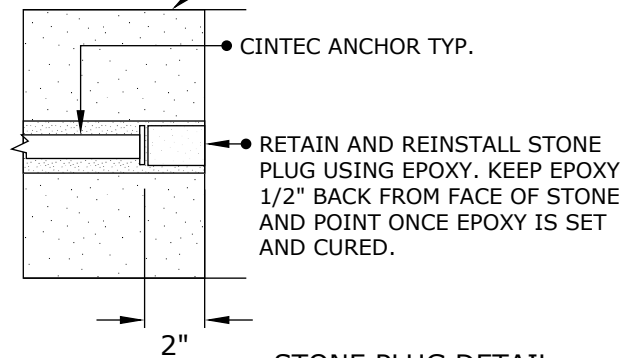
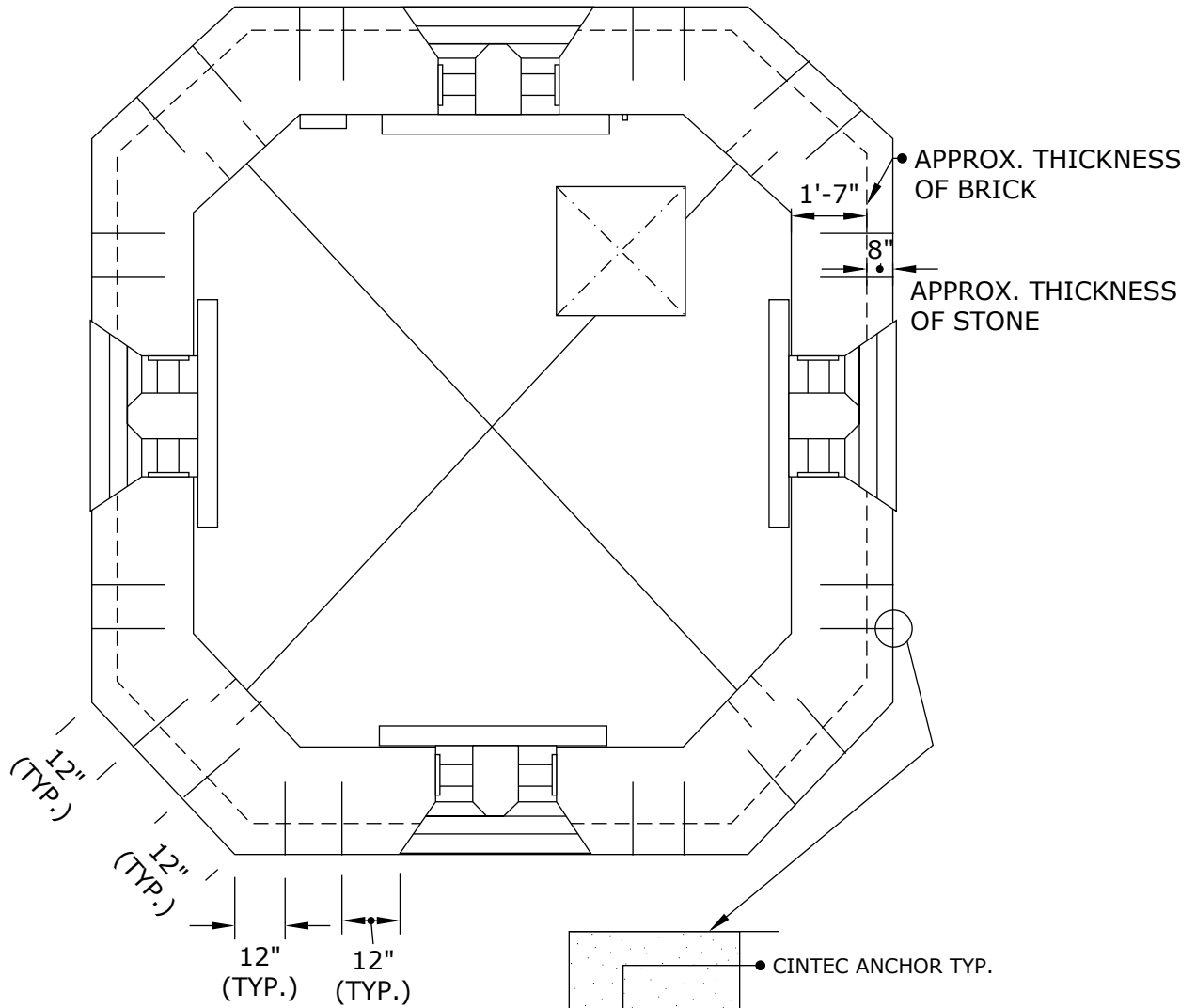
1. CLIENT TO CHECK TOTAL ANCHOR LENGTH PRIOR TO ORDERING.



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 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

**WALL TIE ANCHOR
 BRICK STABILIZATION**



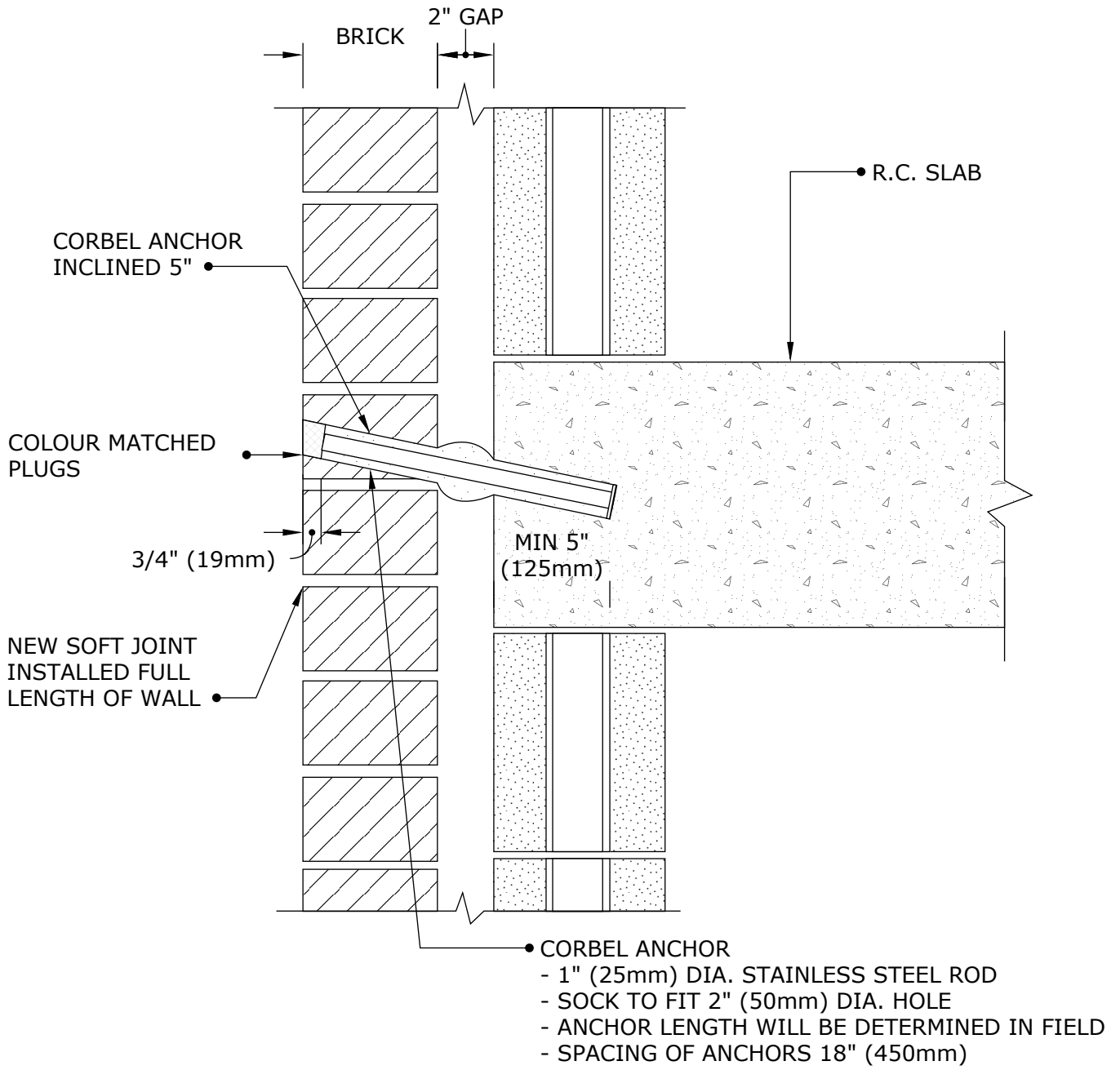
STONE PLUG DETAIL
SCALE: N.T.S.



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CINTEC Structural Solutions
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 1-613-225-3381
 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

**TOWER REPAIRS WALL
 TIE ANCHOR PLAN AT
 BELFRY LEVEL**



- CORBEL ANCHOR
 - 1" (25mm) DIA. STAINLESS STEEL ROD
 - SOCK TO FIT 2" (50mm) DIA. HOLE
 - ANCHOR LENGTH WILL BE DETERMINED IN FIELD
 - SPACING OF ANCHORS 18" (450mm)

NOTES:

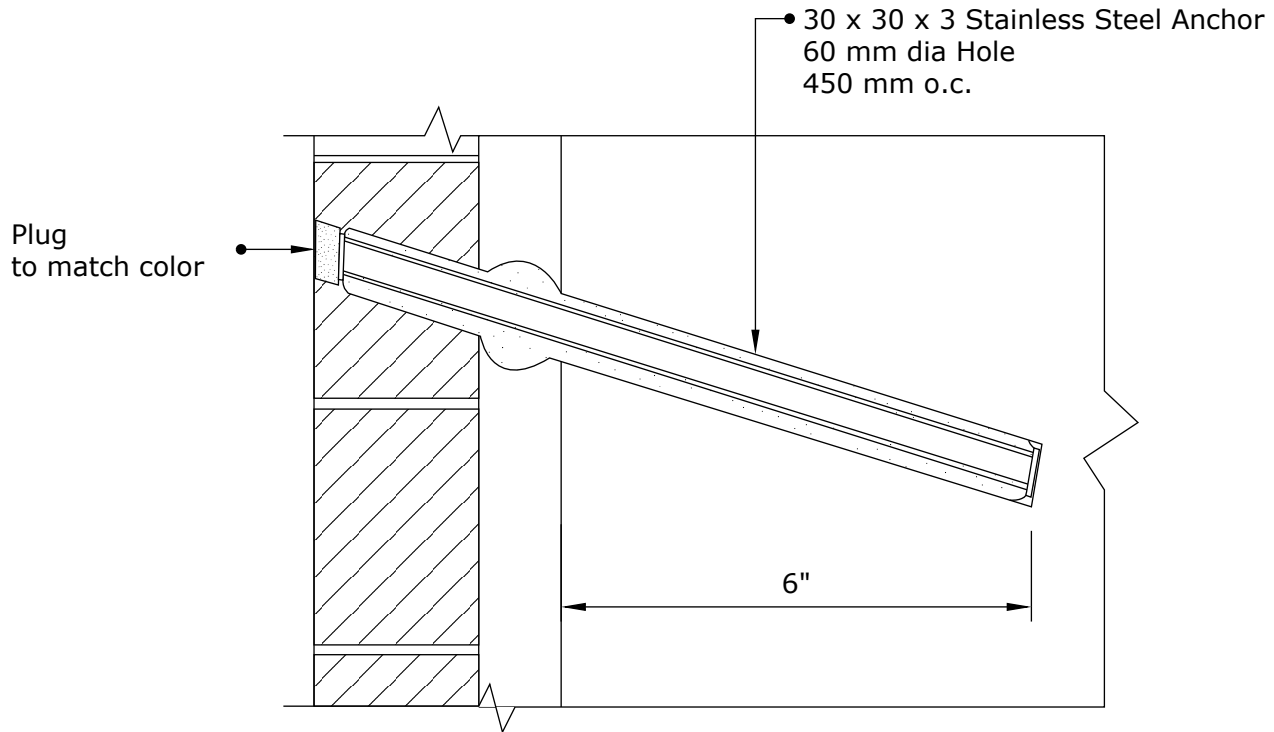
1. ANCHORS TO BE INSTALLED @ 18" O/C AT EACH FLOOR LEVEL.
2. AT 18" O/C SPACING, 2 ANCHORS SHOULD BE INSTALLED BETWEEN EACH OF THE EXISTING 6" CLIP ANGELS.



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 1-613-225-3381
 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

CORBEL ANCHOR



NOTES:

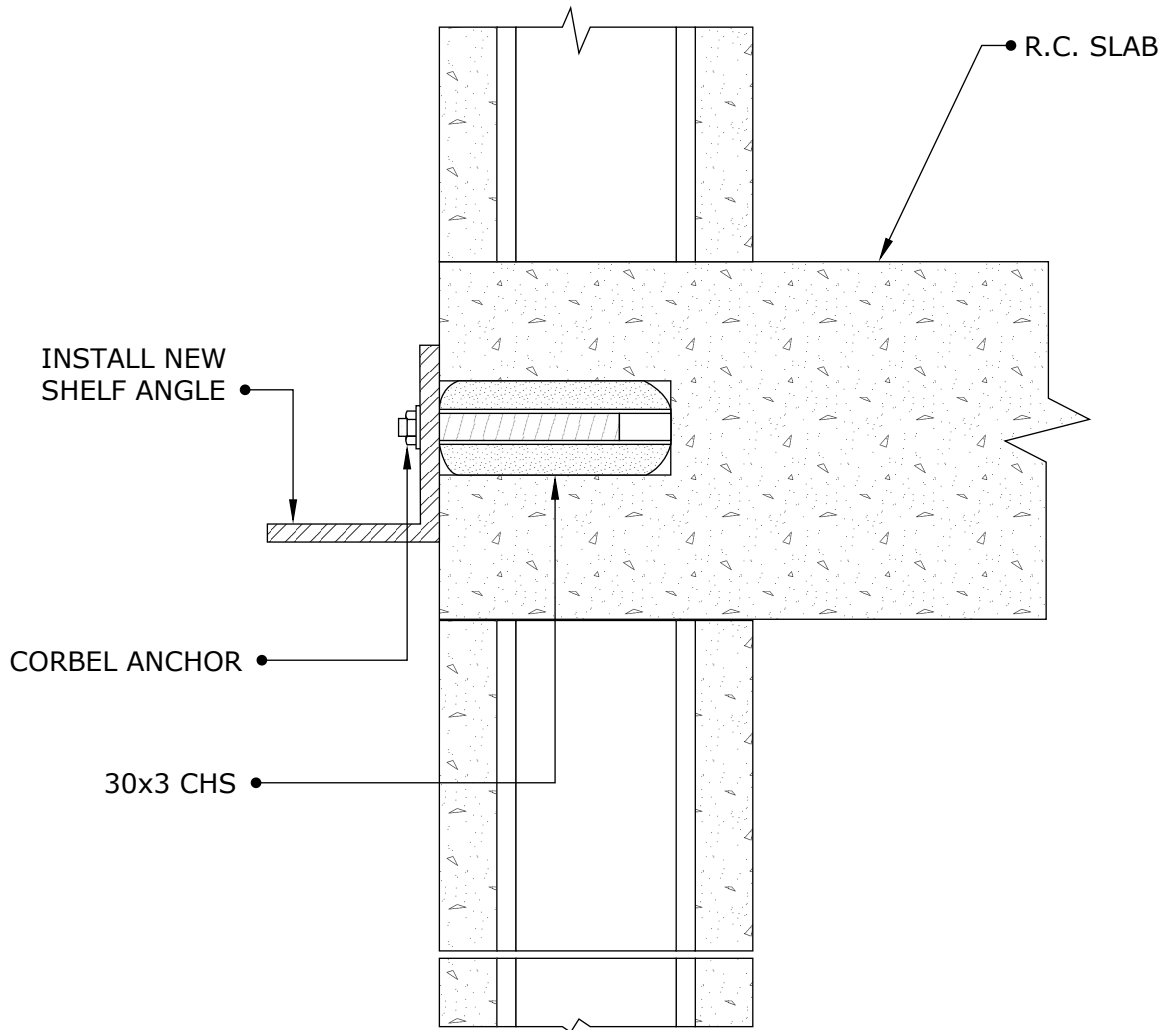
Schematic Drawing Only



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Drawing Title:

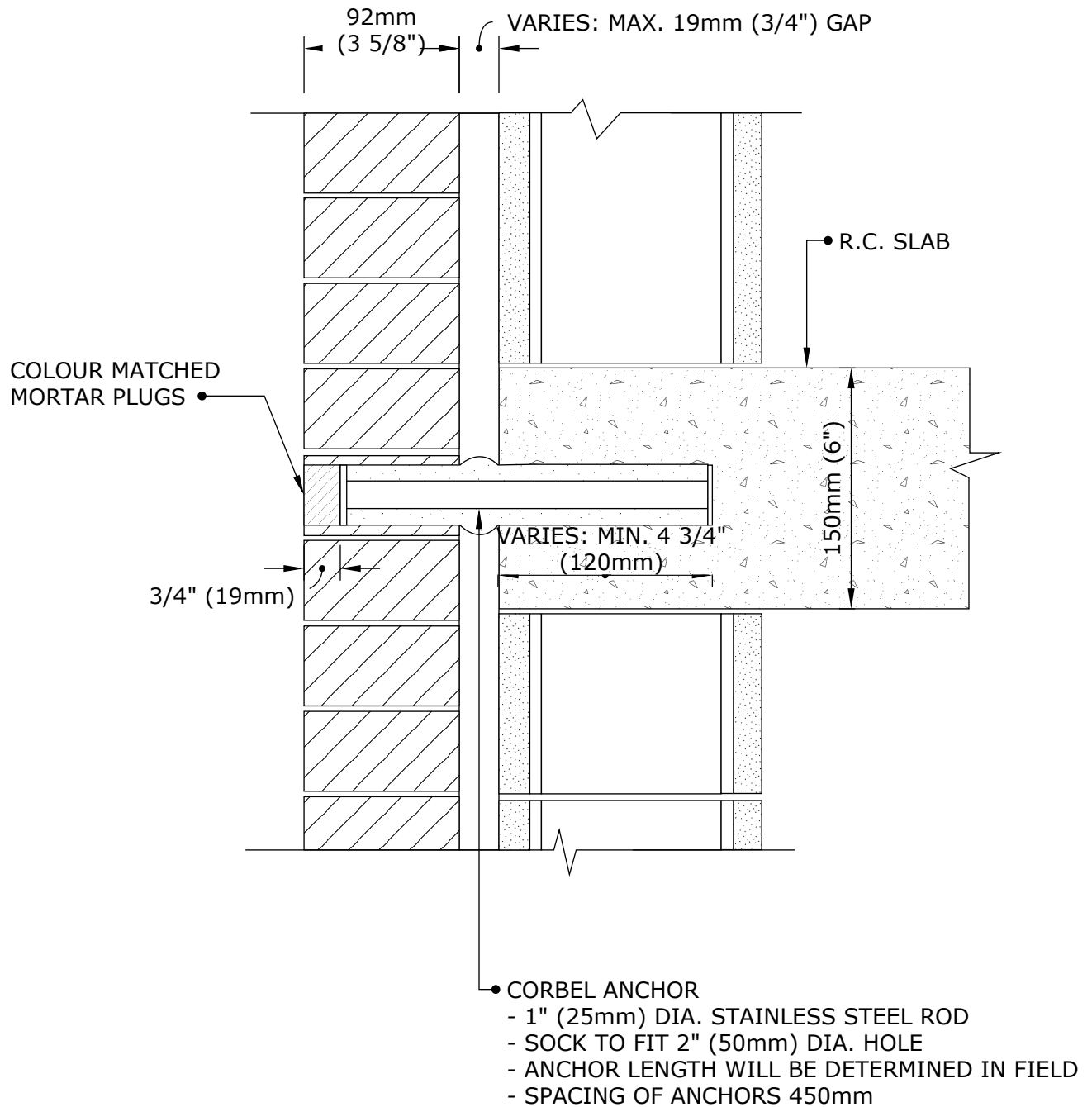
CORBEL ANCHOR DETAIL



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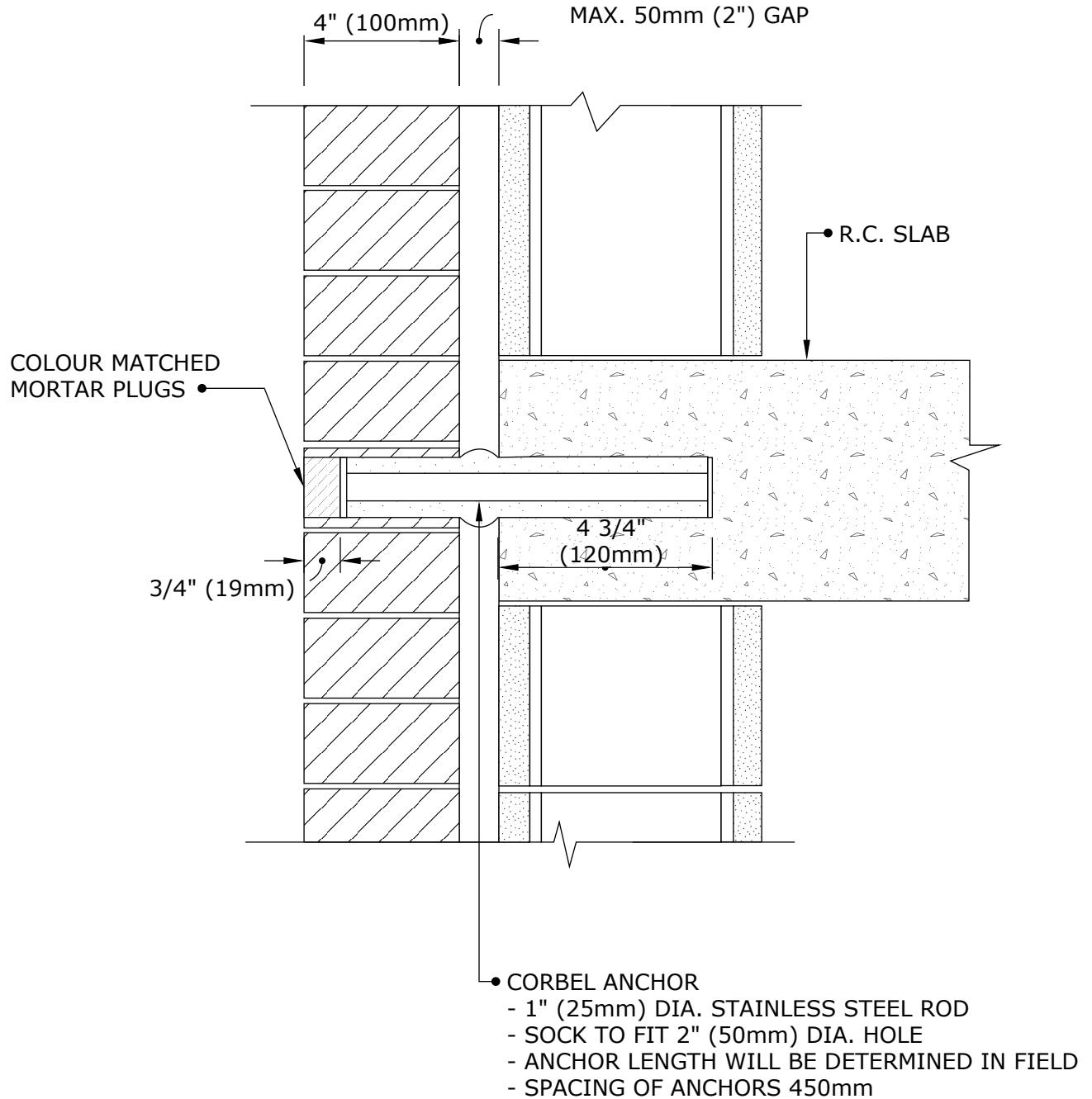
CORBEL ANCHOR



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 E-mail: solutions@cintec.com

Drawing Title:

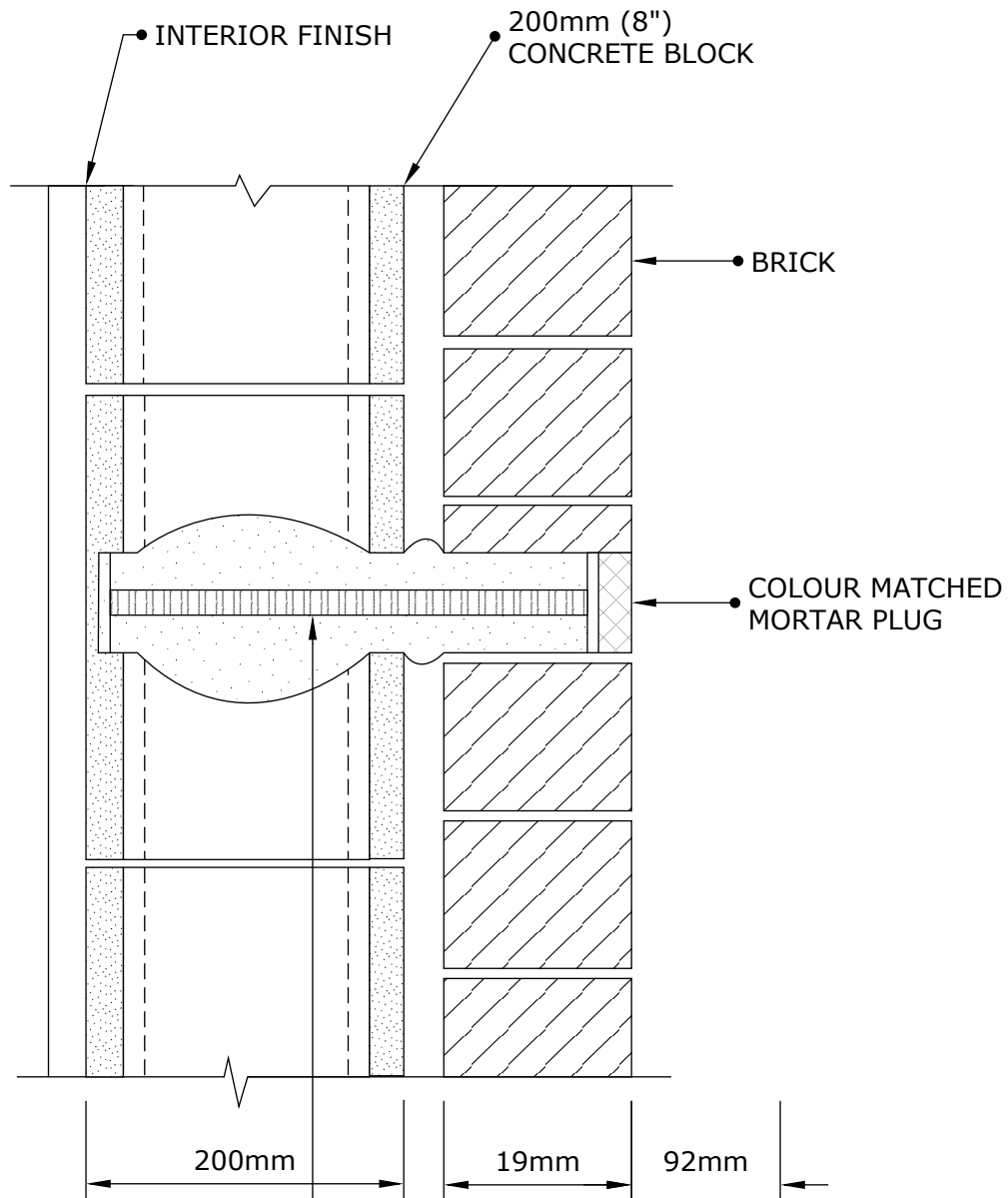
CORBEL ANCHOR



Engineered Grout Injection Anchors by:
CINTEC Structural Solutions
 Tel: 1-410-761-0765
 1-613-225-3381
 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

CORBEL ANCHOR



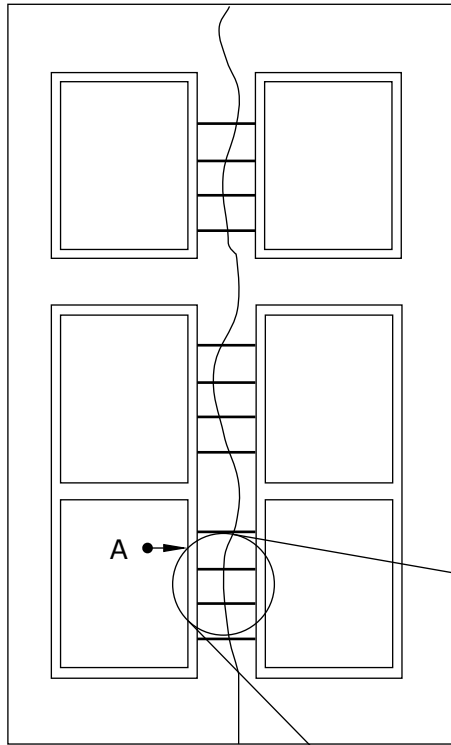
- SUPPORT ANCHORS AT BOTTOM OF PANEL:
 - 25mmØ STAINLESS STEEL THREADED ROD
 - OVERSIZED SPCL OM 50mmØ HOLE
 - SOCKED LENGTH 275mm
 - SPACING OF ANCHORS = 450mm (18")



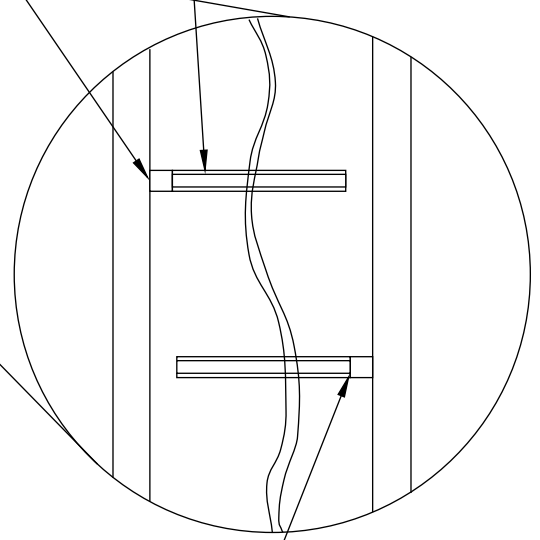
Engineered Grout Injection Anchors by:
CINTEC Structural Solutions
 Tel: 1-410-761-0765
 1-613-225-3381
 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

**MASONRY
 STABILIZATION
 CORBEL ANCHOR**

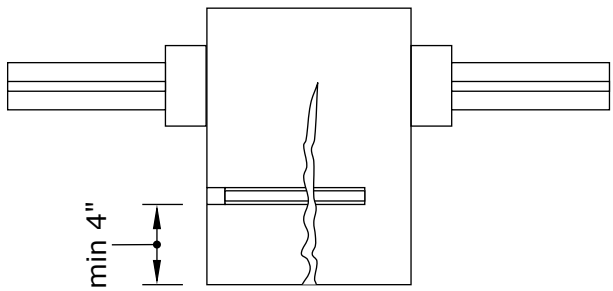


- 10x1 Stainless Steel CINTEC Anchor
20mm dia. hole @12" o.c.
Alternate Side of Mullion
- Colour matched plug



- Colour matched plug

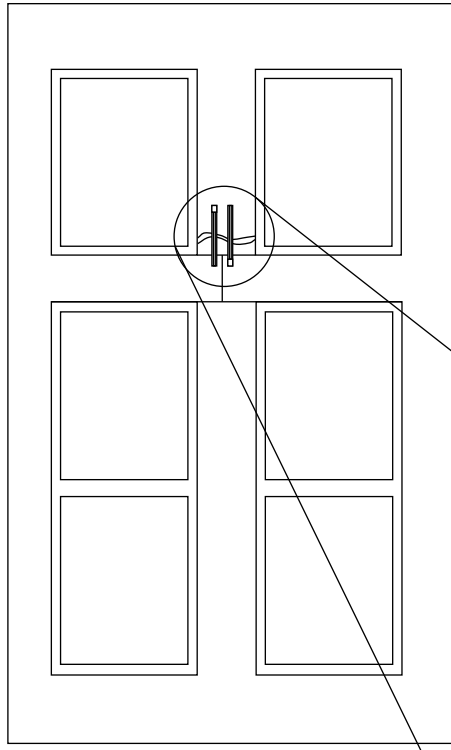
A-A SECTION DETAIL



Engineered Grout Injection Anchors by:
CINTEC Structural Solutions
 Tel: 1-410-761-0765
 1-613-225-3381
 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

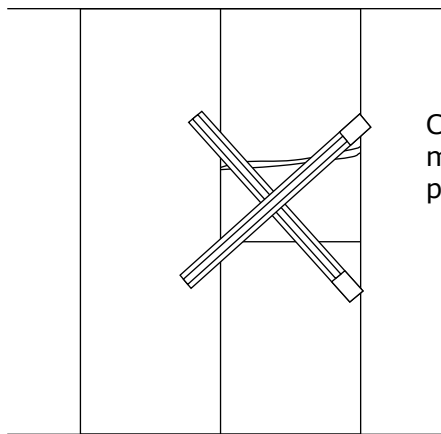
Drawing Title:

**MULLION STITCHING
 DESIGN**

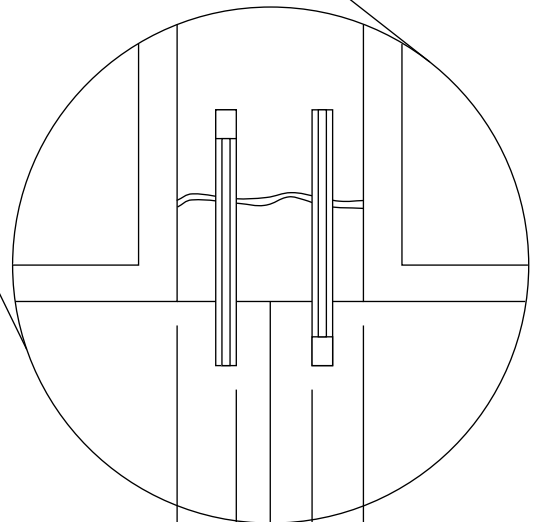


10x1 Stainless Steel
 CINTEC Anchor
 20mm dia. Hole, @12" o.c.
 Alternate Side of Mullion.

A-A SECTION DETAIL



Colour
 matched
 plug



min 3"

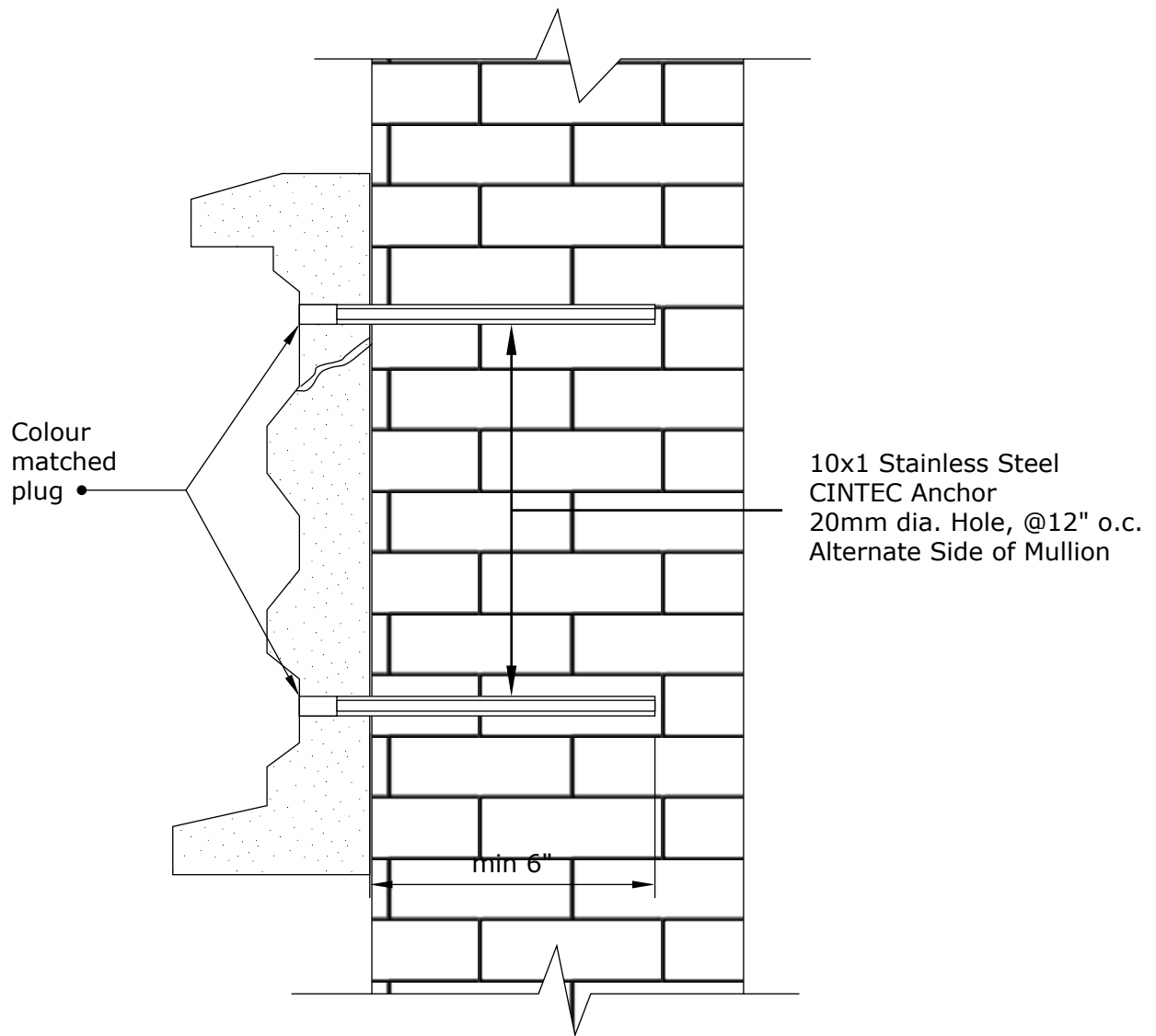
min 3"



Engineered Grout Injection Anchors by:
CINTEC Structural Solutions
 Tel: 1-410-761-0765
 1-613-225-3381
 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

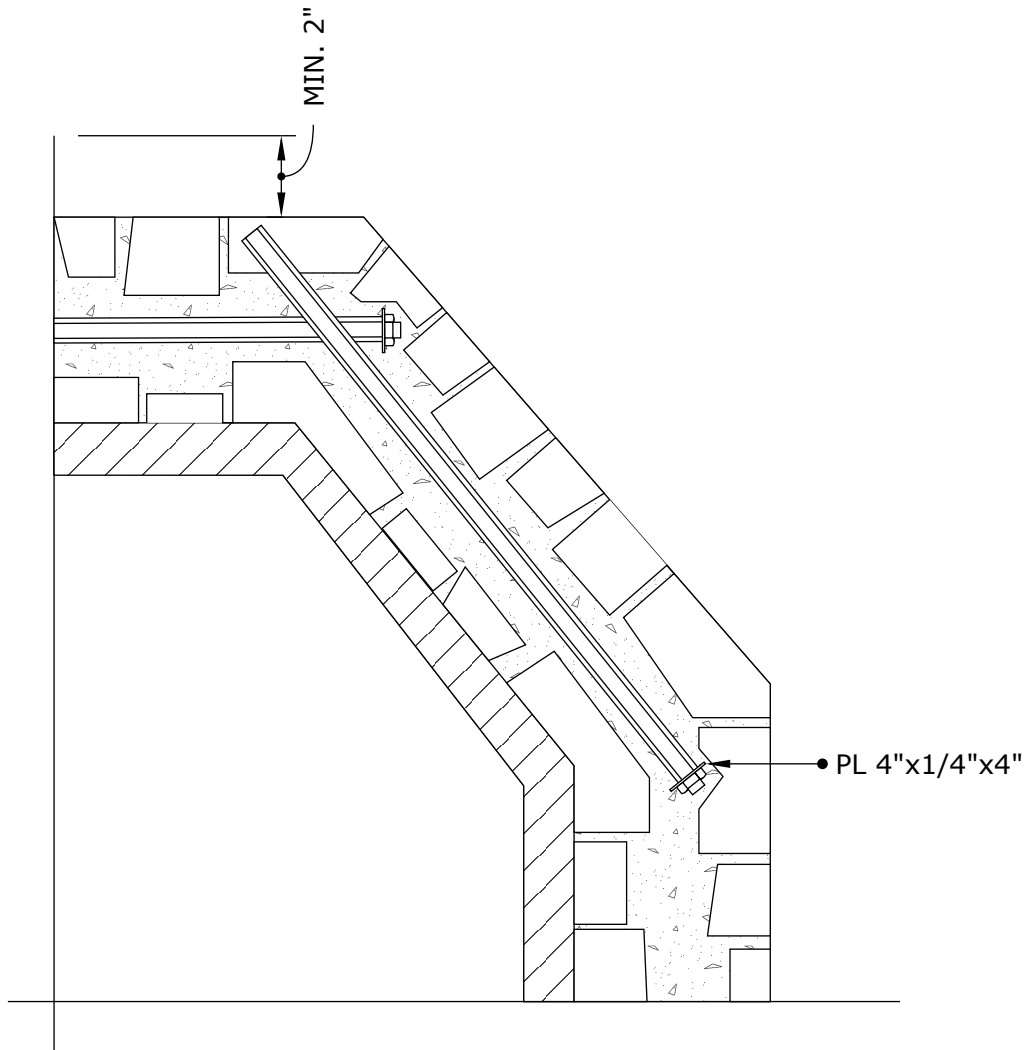
**CRACKS AT WINDOW
 STITCHING**



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CINTEC Structural Solutions
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 1-613-225-3381
 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

**STONE RELIEF
 STITCHING**



NOTES:

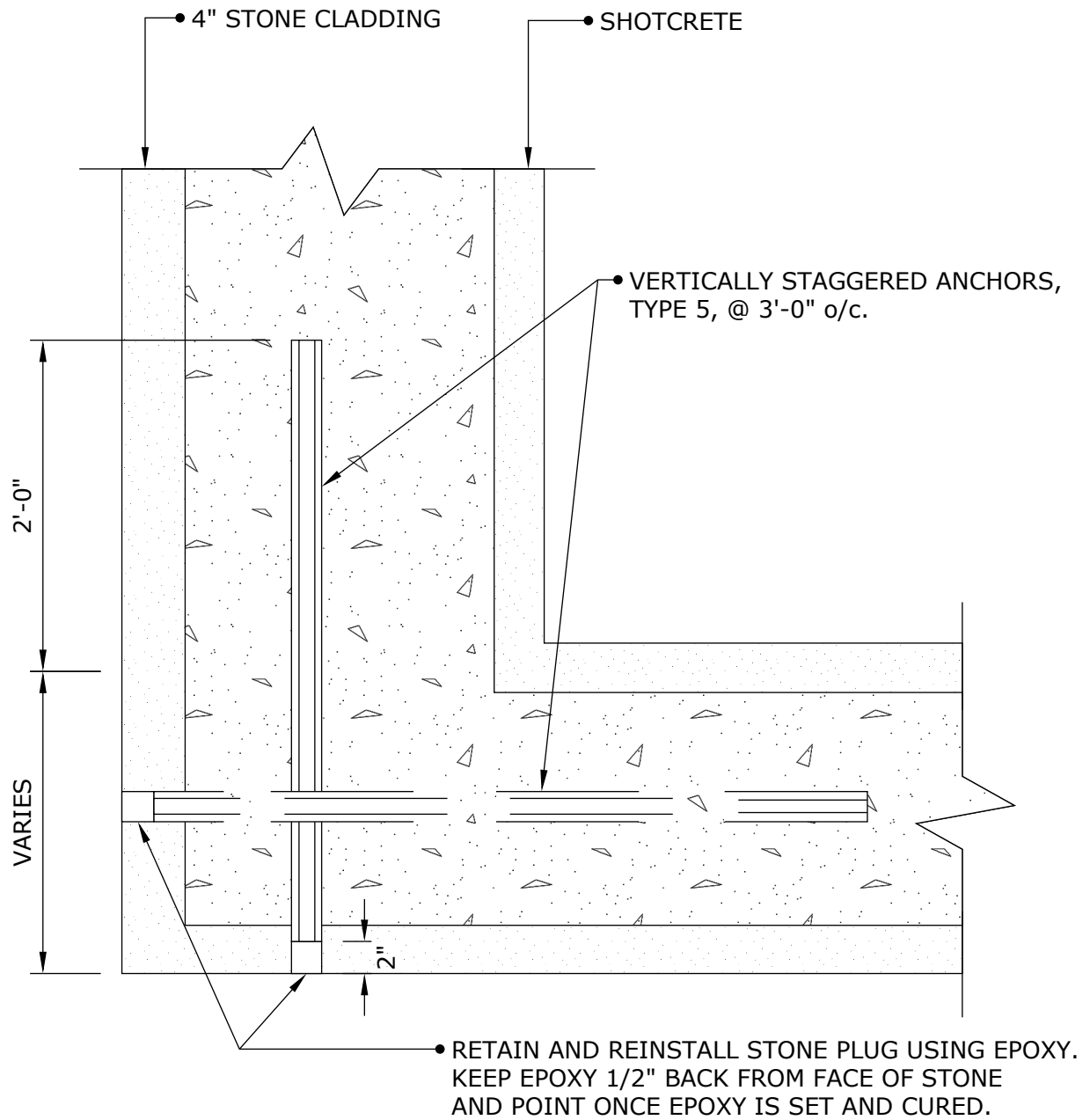
- REMOVE CAREFULLY OUTSIDE STONES AT ANCHOR LOCATION AND DRILL HOLE THROUGH THE WALL
- MAKE RECESS (COUNTER SINK) IN BRICK BACKUP (RUBBLE CORE) FOR STAINLESS STEEL PLATE, WASHER AND NUT IN ORDER TO MINIMIZE STONE CUTTING
- CUT OUT BACK OF STONE IF NECESSARY
- INSERT CINTEC ANCHOR AND GROUT IT
- INSTALL STAINLESS STEEL PLATE, WASHER, AND NUT
- GROUT BEHIND THE PLATE WITH NON-SHRINK GROUT
- REINSTALL OUTSIDE STONES



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1-613-225-3381
Fax: 1-613-224-9042
E-mail: solutions@cintec.com

Drawing Title:

**CRACKED TURRET WALL
STITCHING CRACK
CLOSE TO ADJ. WALL**



NOTES:

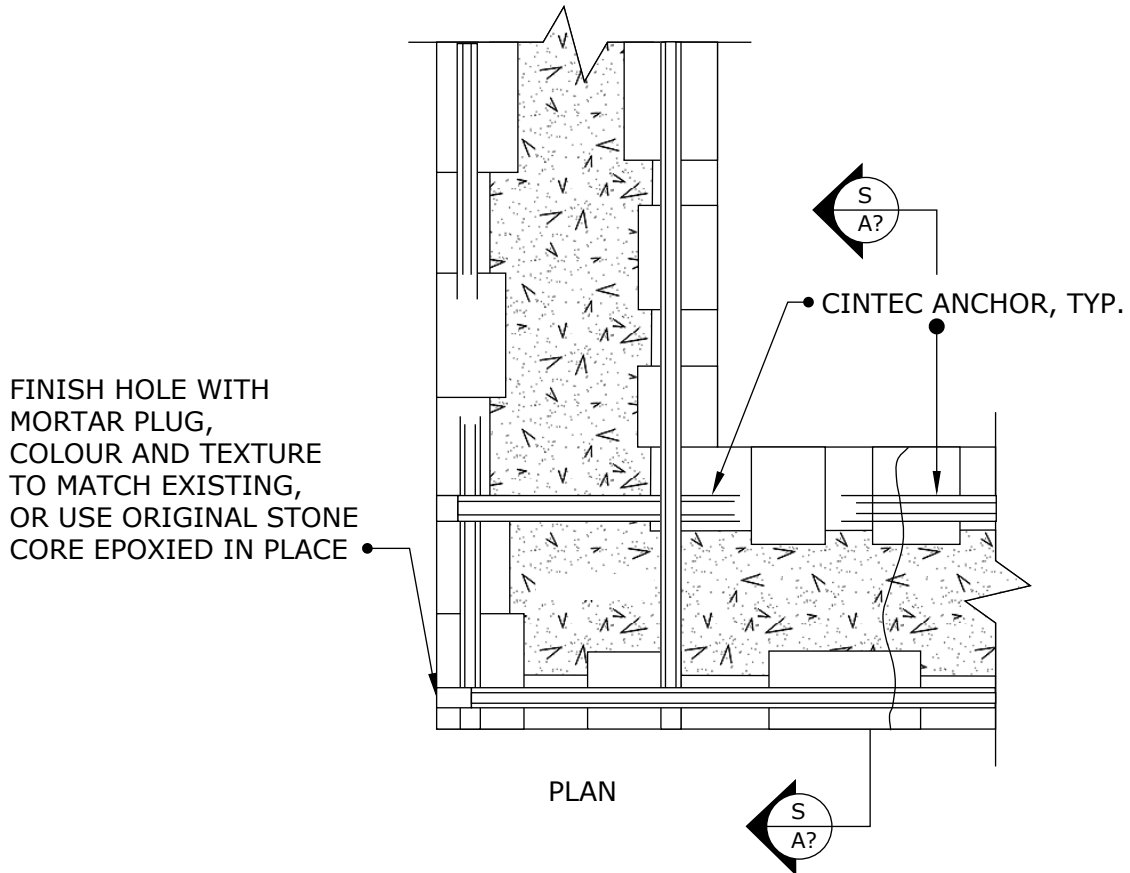
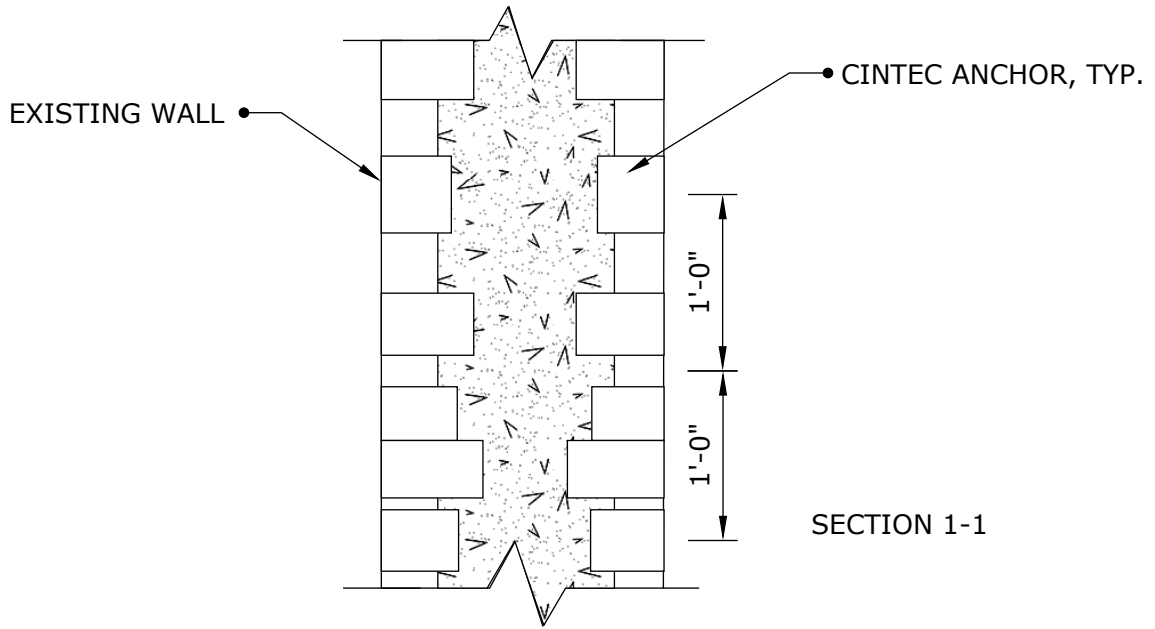
1. FOR ANCHOR DESCRIPTIONS SEE SK-08
2. CLIENT TO CHECK TOTAL ANCHOR LENGTH PRIOR TO ORDERING



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CINTEC Structural Solutions
 Tel: 1-410-761-0765
 1-613-225-3381
 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

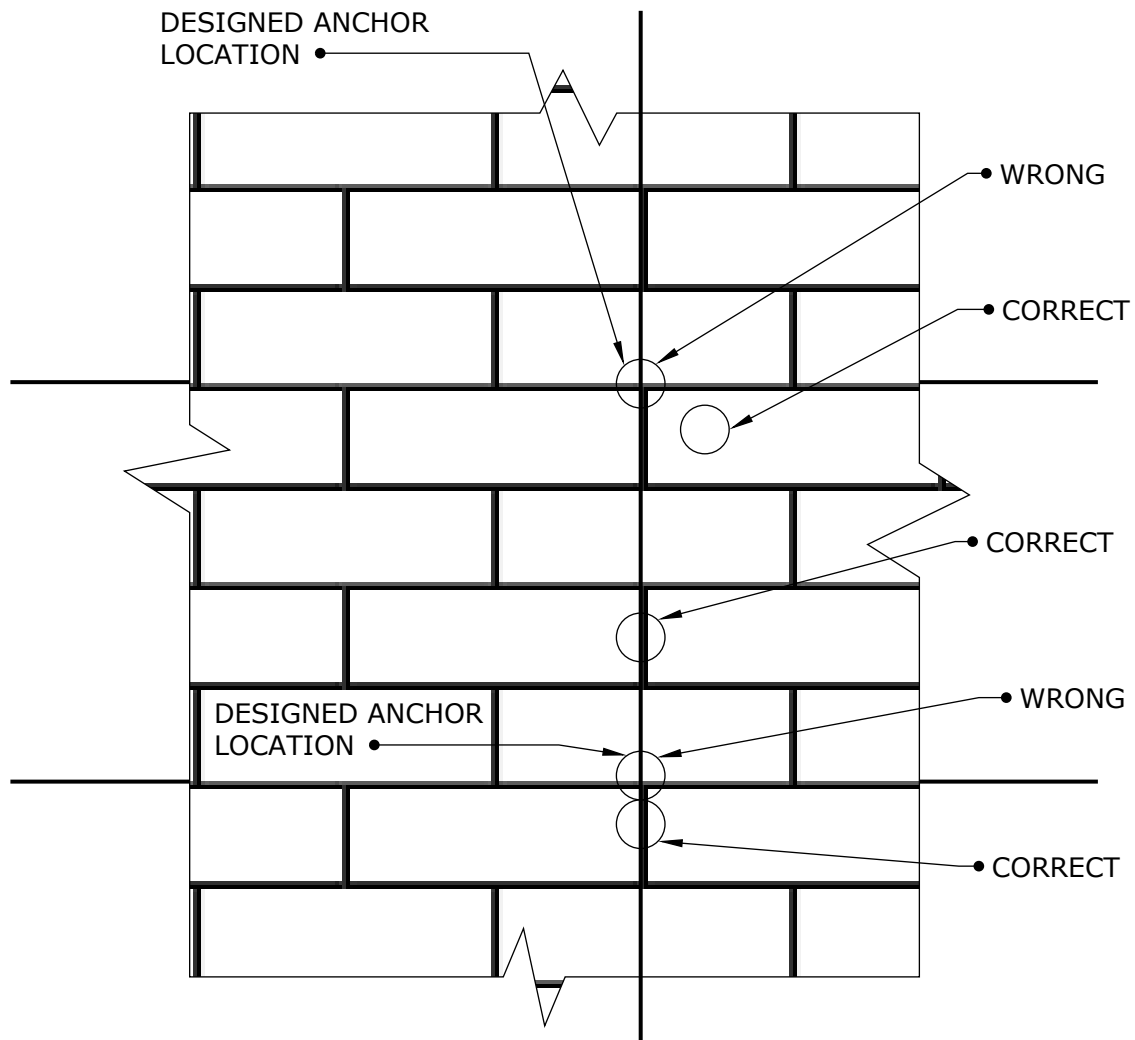
**CRACKED TURRET WALL
 STITCHING CRACK
 CLOSE TO ADJ. WALL**



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 1-613-225-3381
 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

**CORNER STITCHING
 ANCHOR IN RUBBLE
 WALL**



TYPICAL STONE WALL ELEVATION

NOTES:

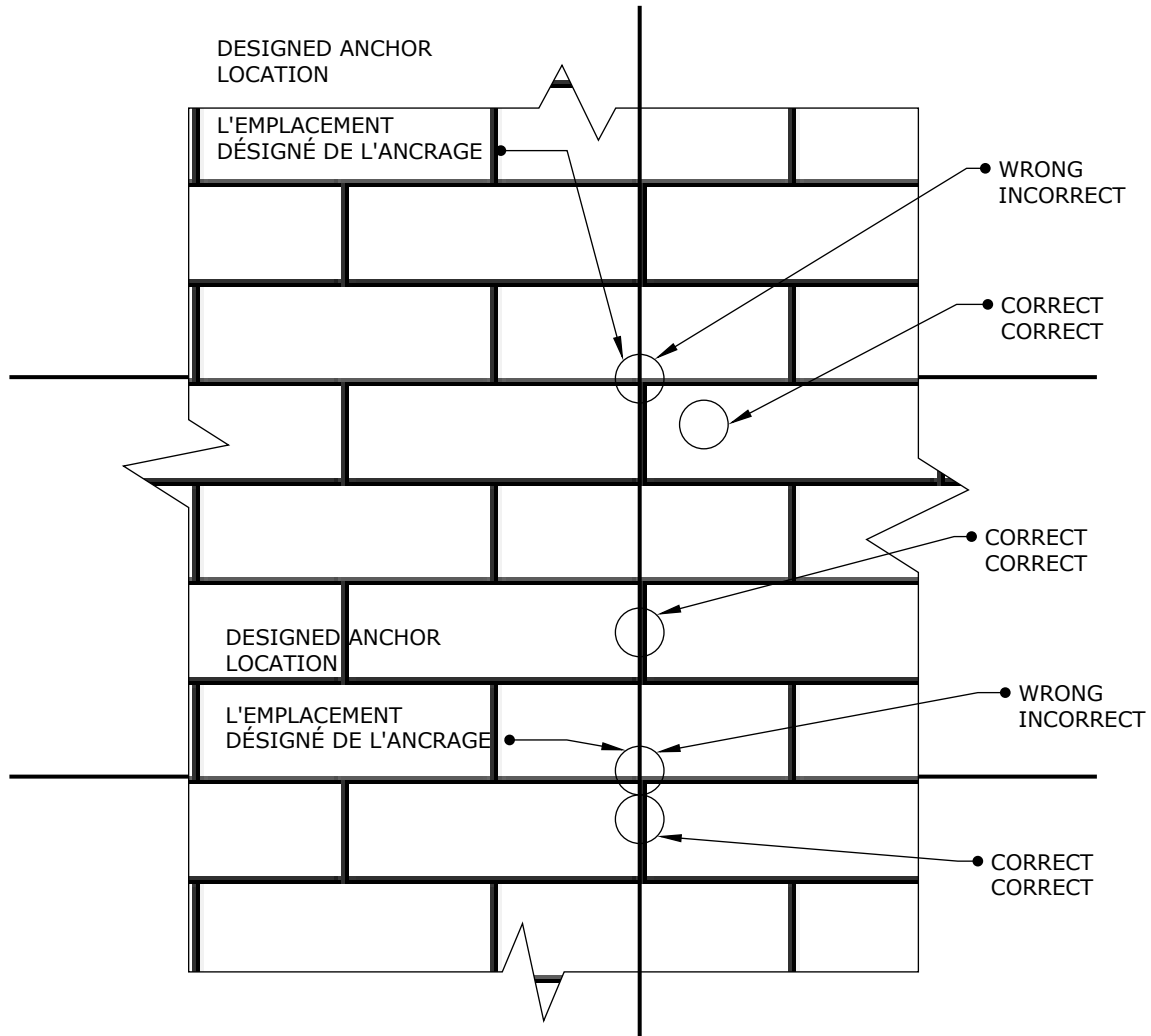
1. NEVER CORE DRILL THROUGH THE EDGE OF THE STONE. ALWAYS ADJUST ANCHOR LOCATION TO STONE LAYOUT.
2. ALLOWABLE TOLERANCE IS +3" FROM THE DESIGNED LOCATION IN HORIZONTAL OR VERTICAL DIRECTION.
3. MINIMUM DISTANCE FROM ANCHOR HOLE TO EXPOSED EDGE OF STONE, I.E. AT THE BUILDING CORNER, OR WINDOW SILL, ETC., IS 4", UNLESS NOTED OTHERWISE.



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 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

**ANCHOR LOCATION
 TOLERANCES**



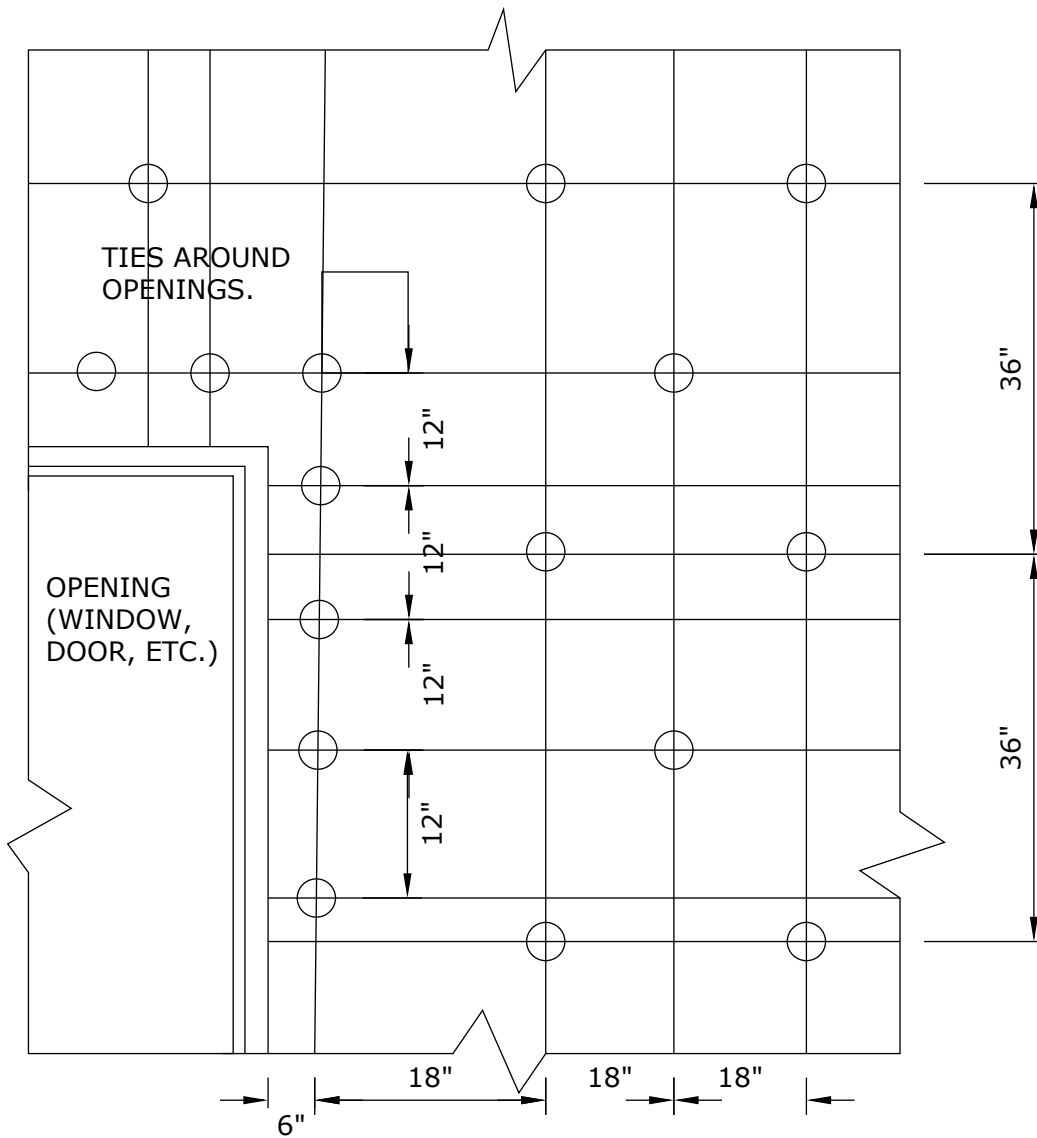
TYPICAL STONE WALL ELEVATION / ELEVATION TYPIQUE

1. NEVER CORE DRILL THROUGH THE EDGE OF THE STONE. ALWAYS ADJUST ANCHOR LOCATION TO STONE LAYOUT.
1. NE PERCER JAMAIS JUSQU'AU BORDURE EXTERIEURE DE LA PIERRE. TOUJOURS ADAPTER L'EMPLACEMENT DES ANCRAGES À LA DISPOSITIONS DES PIERRES.
2. ALLOWABLE TOLERANCE IS +3" FROM THE DESIGNED LOCATION IN HORIZONTAL OR VERTICAL DIRECTION.
2. TOLÉRANCES PERMISE EST +3" DE L'EMPLACEMENT DESIGNÉ DANS LA DIRECTION HORIZONTALE OU VERTICALE.
3. MINIMUM DISTANCE FROM ANCHOR HOLE TO EXPOSED EDGE OF STONE, I.E. AT THE BUILDING CORNER, OR WINDOW SILL, ETC., IS 4", UNLESS NOTED OTHERWISE.
3. LA DISTANCE MINIMALE DE TROU D'ANCRAGE À LA BORDURE EXPOSÉ DE LA PIERRE I.E. AU COIN DE L'ÉDIFICE OU AU REBORD DE LA FENÊTRE, ETC., DEVRAIS ÊTRE 4", A MOINS QU'AUTREMENT SPÉCIFIÉ.



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 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:
**ANCHOR LOCATION
 TOLERANCES
 TOLÉRANCES DE
 L'EMPLACEMENT DES
 ANCRAGES**

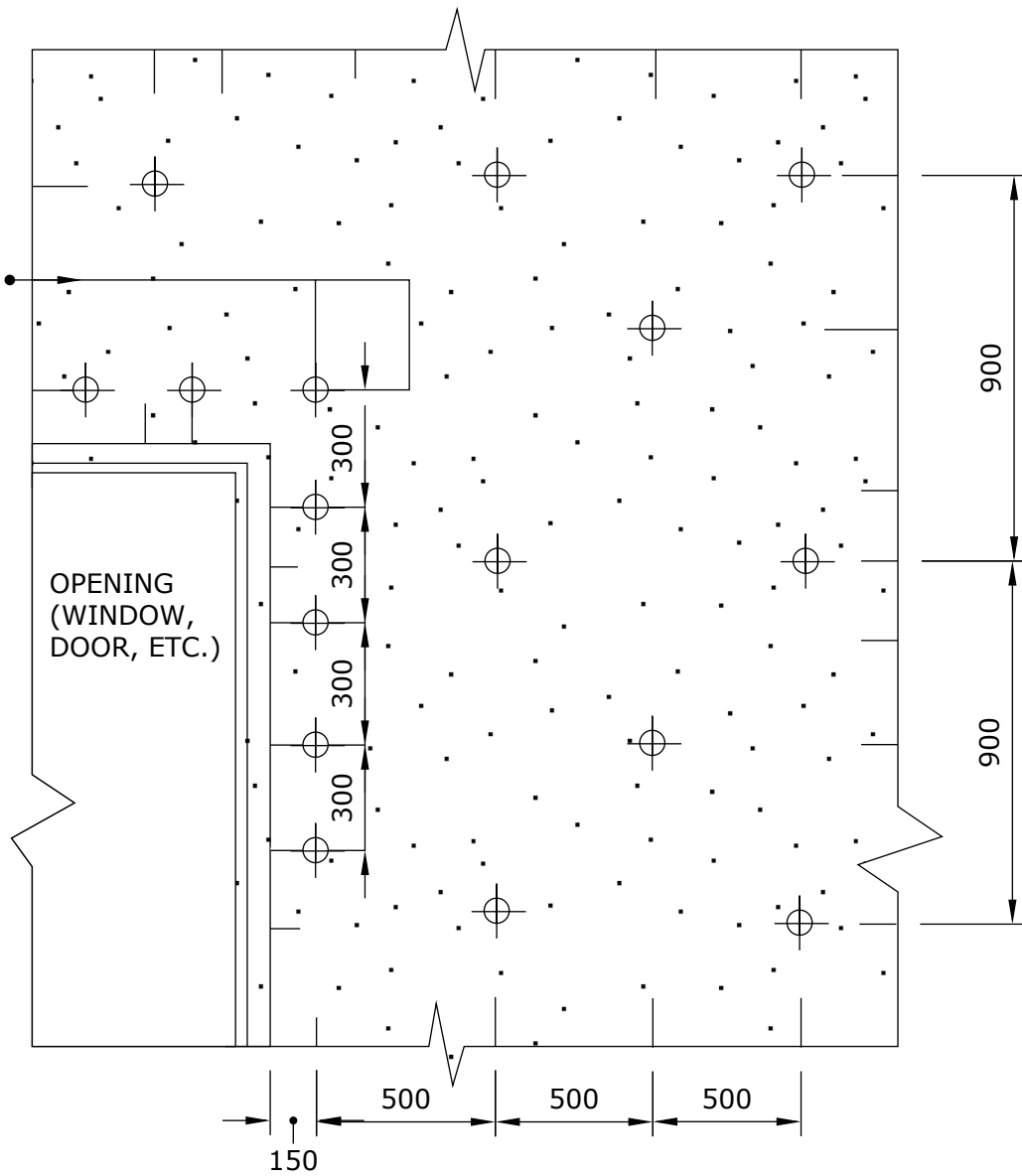


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 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

WALL TIE SPACING

TIES AROUND
OPENINGS



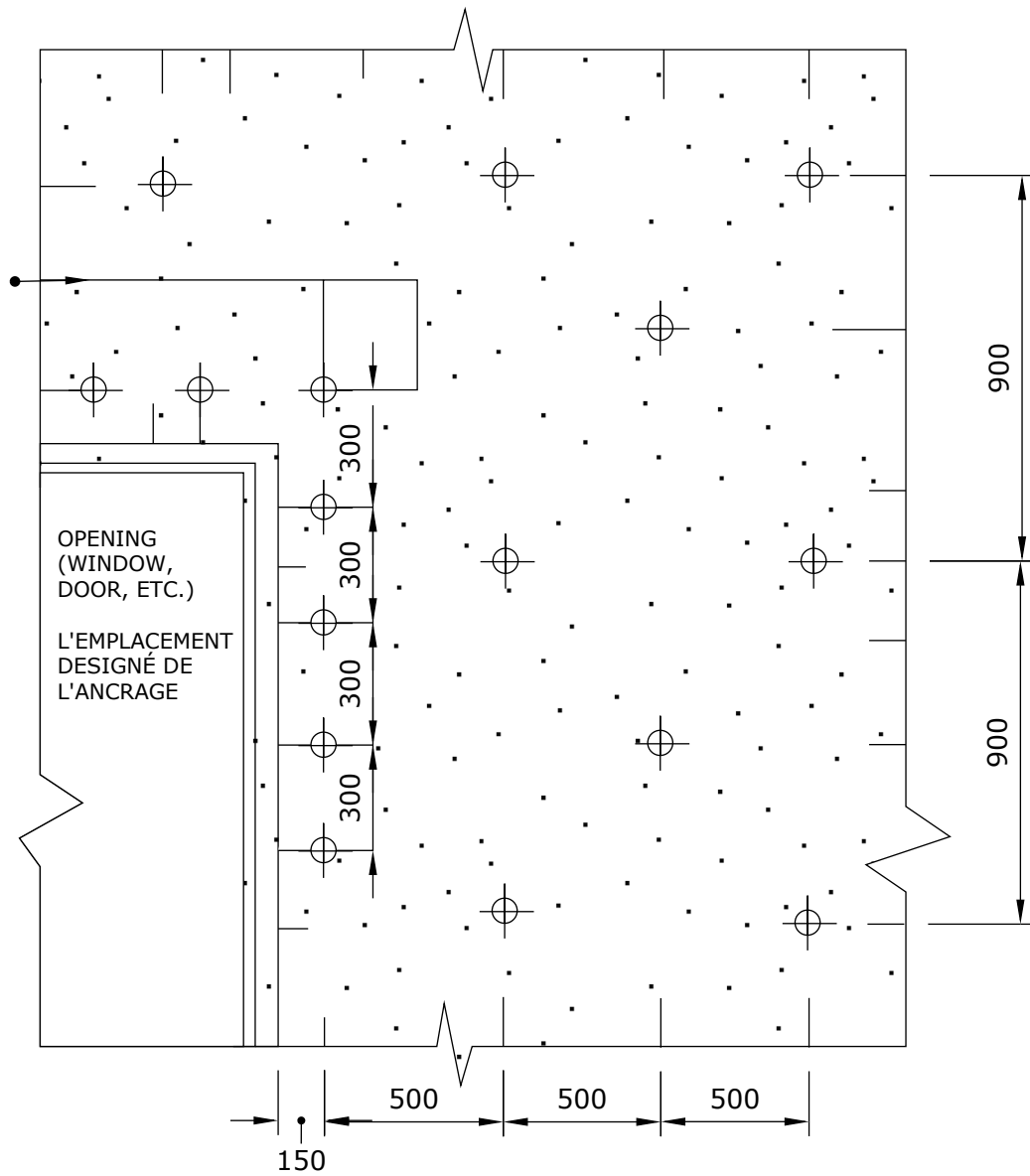
Engineered Grout Injection Anchors by:
CINTEC Structural Solutions
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1-613-225-3381
Fax: 1-613-224-9042
E-mail: solutions@cintec.com

Drawing Title:

WALL TIE SPACING

TIES AROUND
OPENINGS

ANCRAGES AUTOUR
DES OUVERTURES

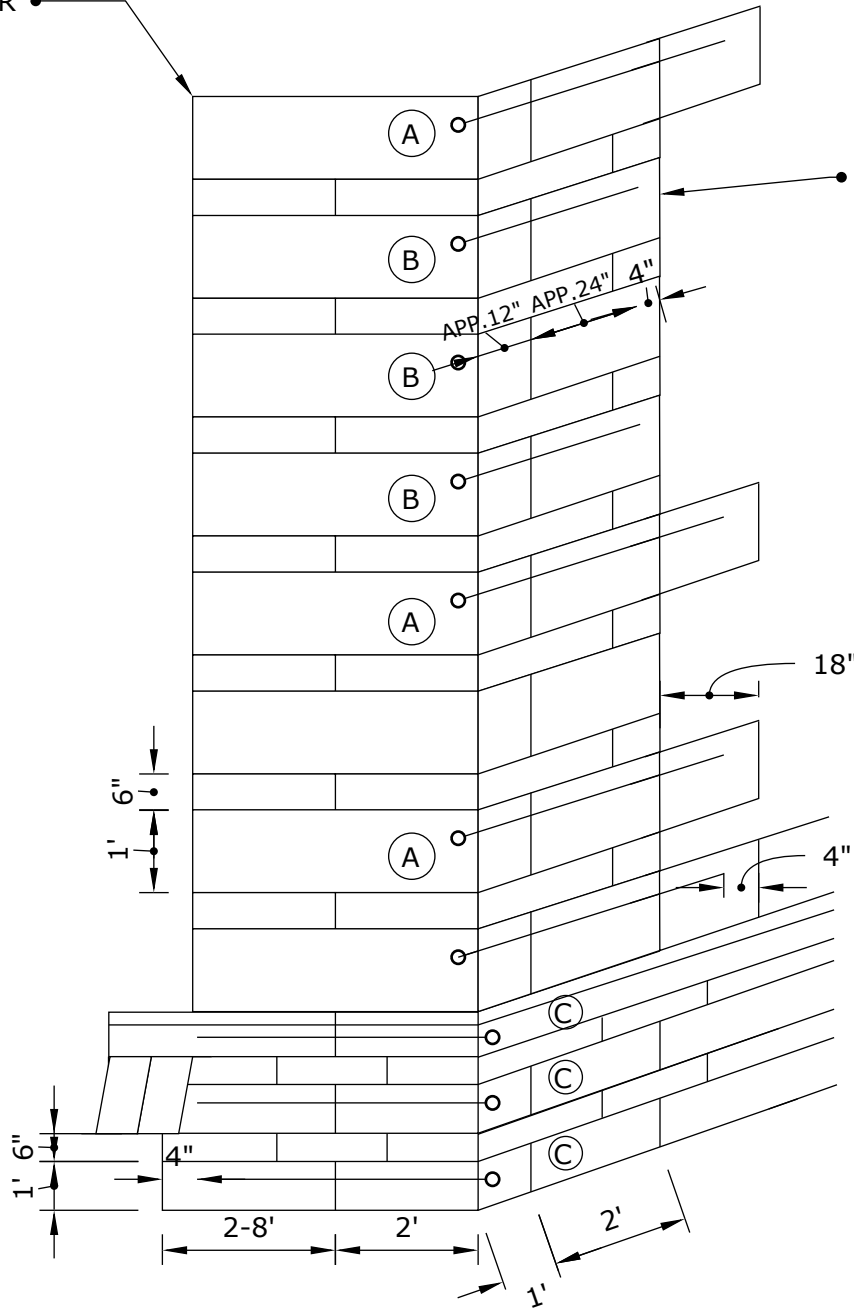


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Fax: 1-613-224-9042
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Drawing Title:

WALL TIE SPACING

STACKED JOINT AT PILASTER



STACKED JOINT AT PILASTER

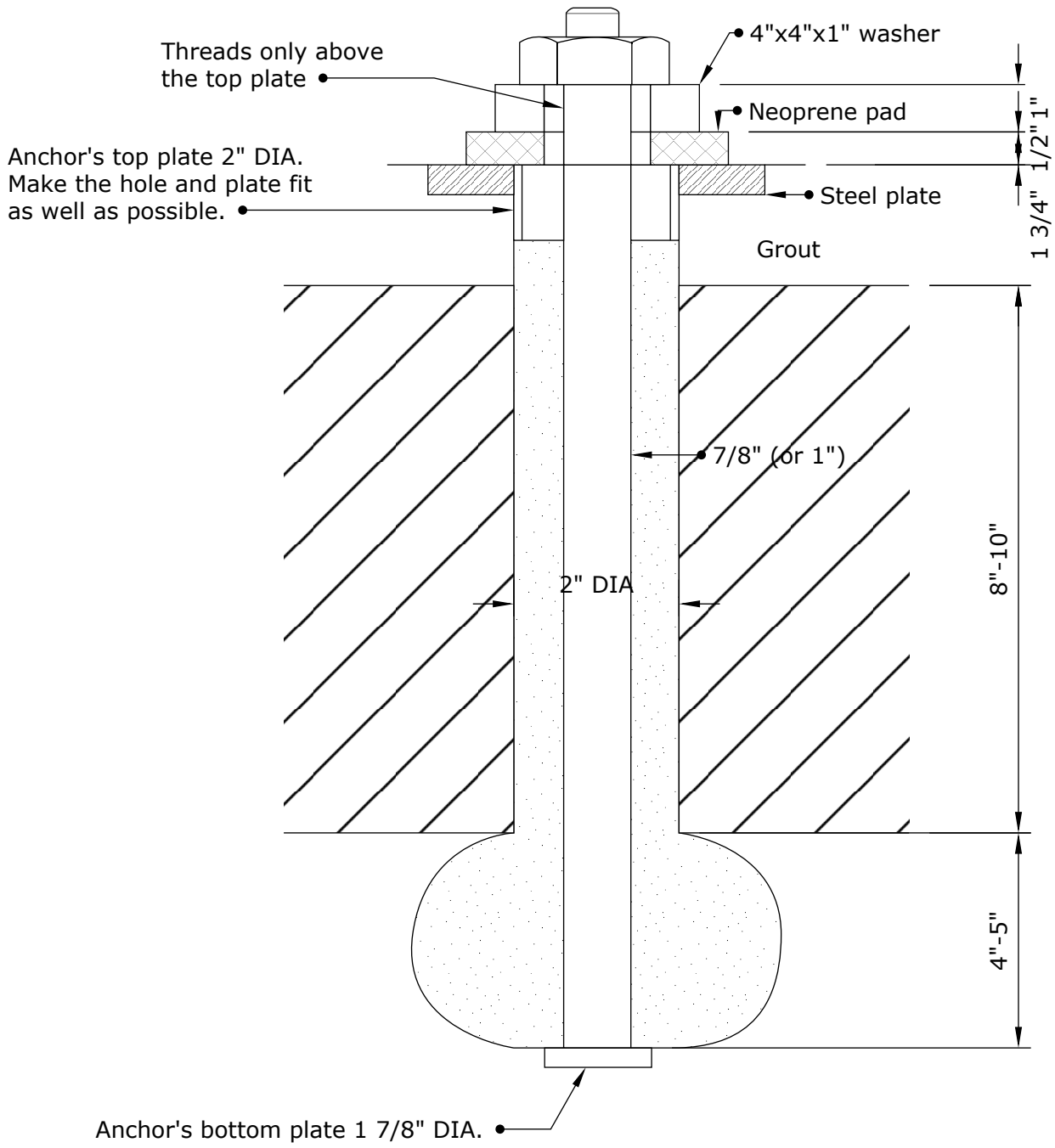
NOTES:
 FOR CINTEC ANCHOR TYPE (A) (B) (C)
 SEE DRAWING (D/A?)



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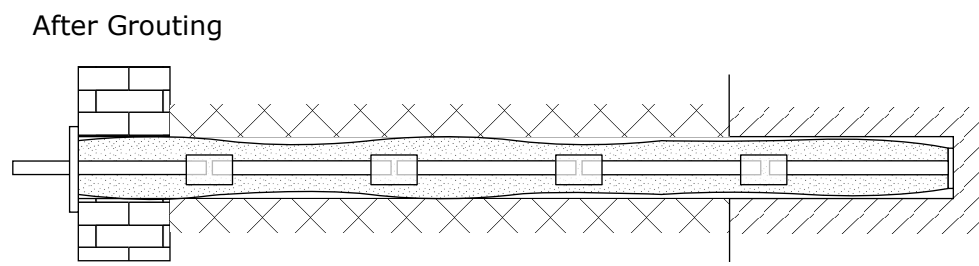
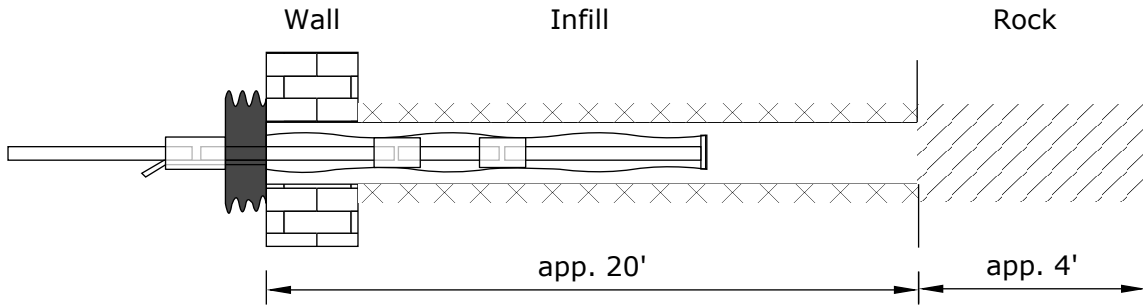
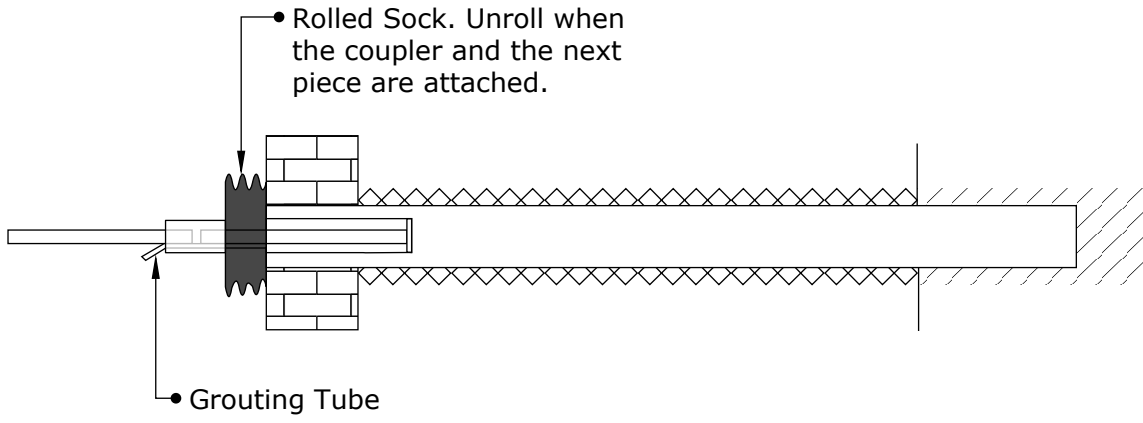
Drawing Title:

CORNER STITCHING ANCHOR LAYOUT



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CINTEC Structural Solutions
 Tel: 1-410-761-0765
 1-613-225-3381
 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

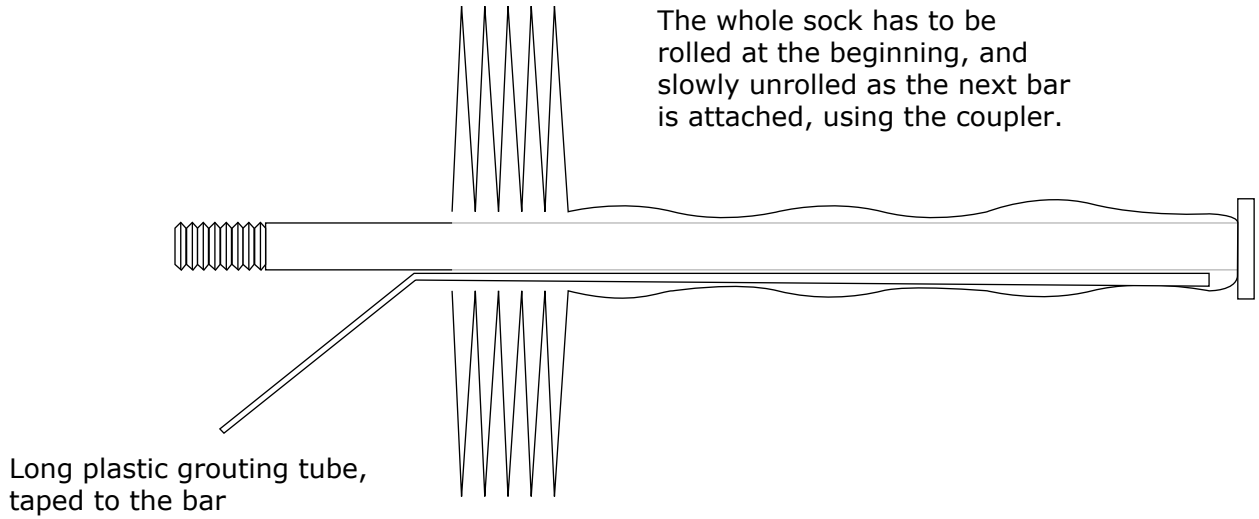
Drawing Title:
PUMP ANCHOR



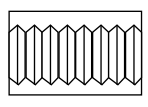
Engineered Grout Injection Anchors by:
CINTEC Structural Solutions
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 1-613-225-3381
 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:
**CINTEC COUPLING
 ROCK ANCHOR THREE
 PIECE STEP**

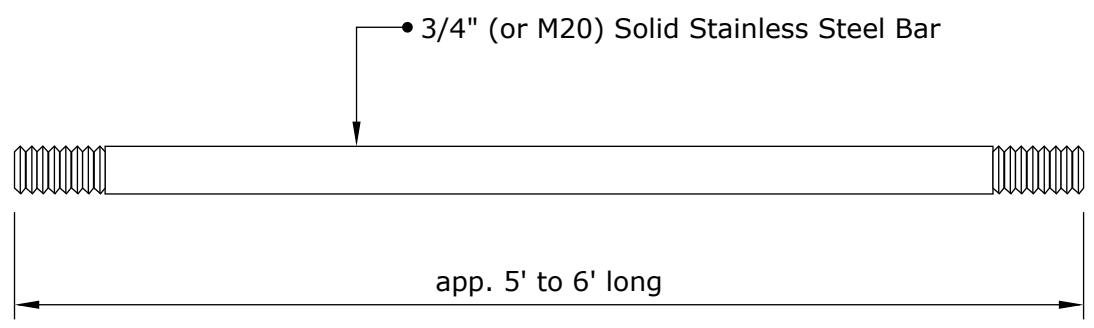
The whole sock has to be rolled at the beginning, and slowly unrolled as the next bar is attached, using the coupler.



Copuler



Intermediate Piece



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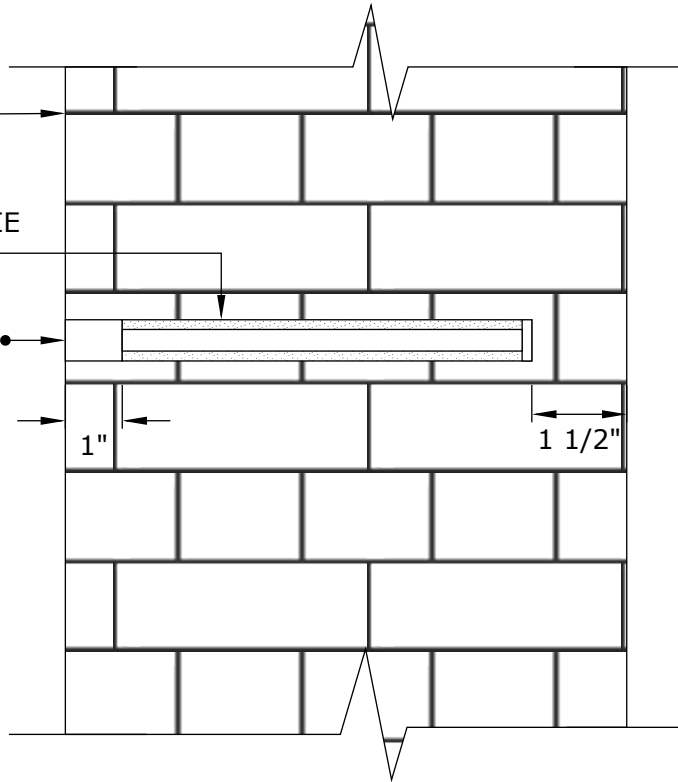
Drawing Title:

CINTEC ANCHOR DETAIL

EXISTING
THREE-WYTHE
BRICK WALL

10x1 CHS WALL TIE
IN 3/4" HOLE

COLOR MATCHED
MORTAR PLUG



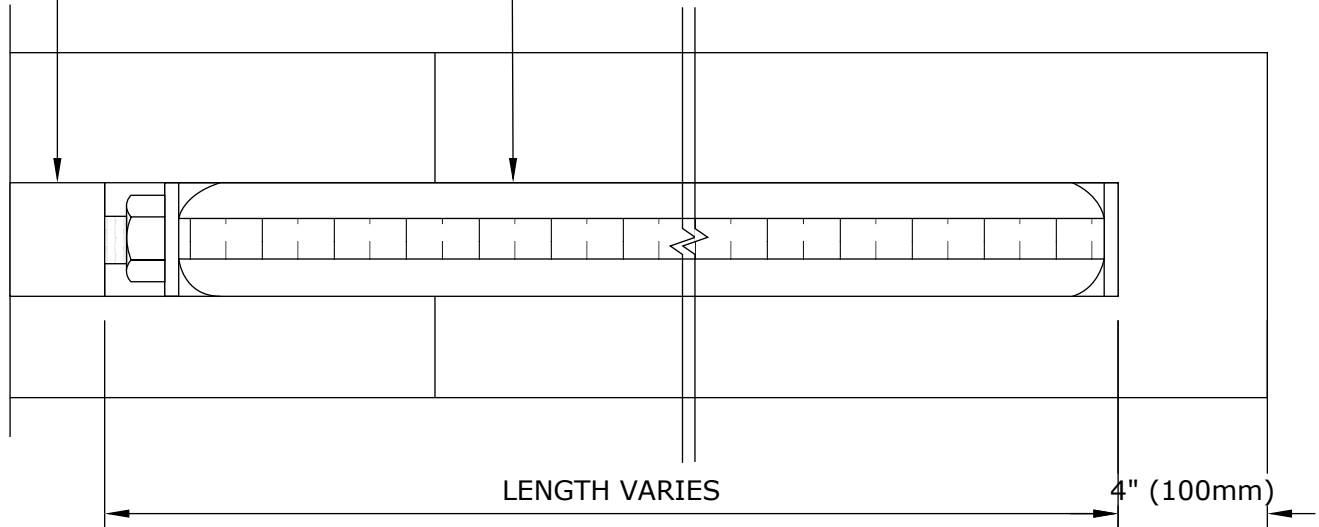
Engineered Grout Injection Anchors by:
CINTEC Structural Solutions
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1-613-225-3381
Fax: 1-613-224-9042
E-mail: solutions@cintec.com

Drawing Title:

**BRICK WALL
STABILIZATION**

• RETAIN AND REINSTALL STONE PLUG USING EPOXY.
KEEP EPOXY 1/2" BACK FROM FACE OF STONE
AND POINT ONCE EPOXY IS SET AND CURED.

• CINTEC ANCHOR
- 5/8" (16mm) STAINLESS STEEL THREADED ROD
- SOCK TO FIT 1 1/4" (32mm) DIA HOLE
- SOCK FULL LENGTH



NOTE:
1. LENGTH OF ANCHORS TO BE DETERMINED ON SITE.

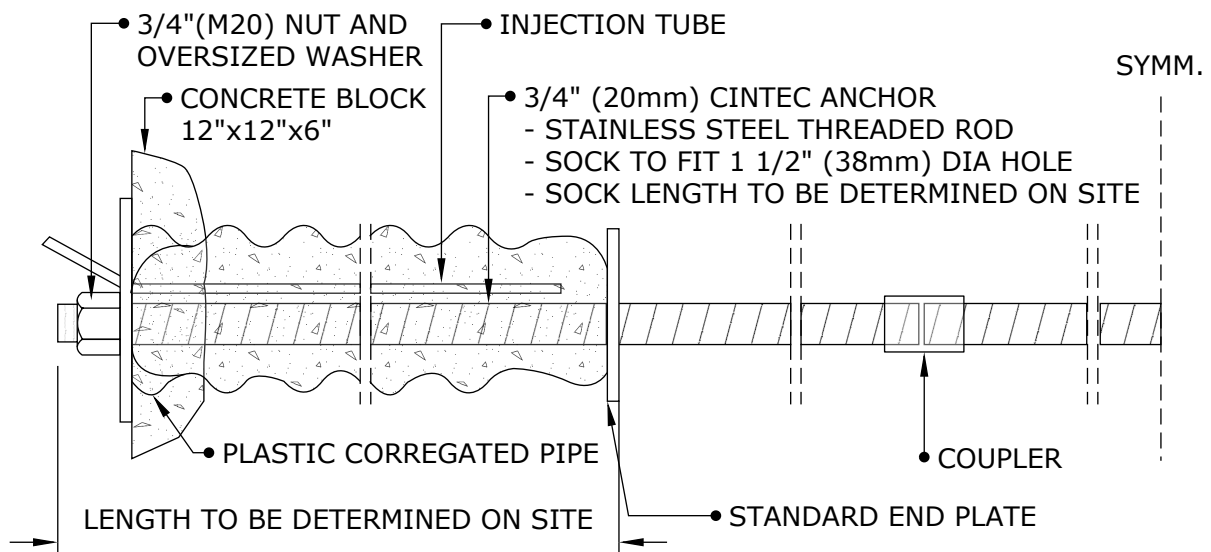
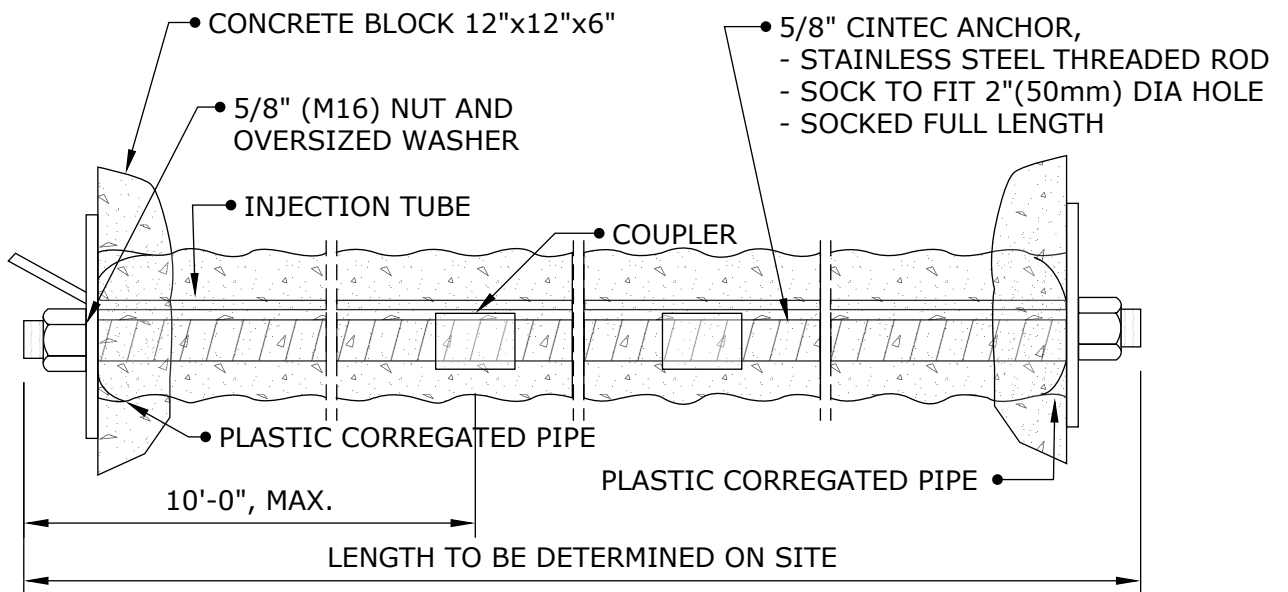
ALL STEEL TO BE STAINLESS
S304 QUALITY



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Fax: 1-613-224-9042
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Drawing Title:

**TYPICAL ANCHOR
INSTALLATION**



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Drawing Title:

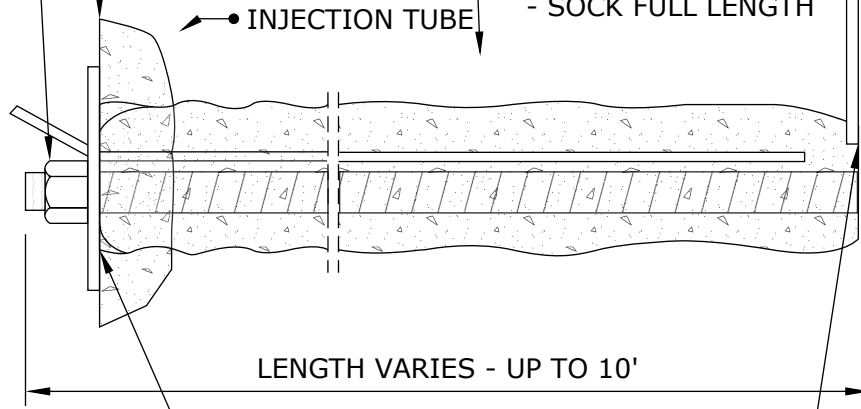
CINTEC ANCHORS

5/8"(M16) NUT AND
OVERSIZED WASHER

CONCRETE BLOCK
12"x12"x6"

5/8"(16mm) DIA CINTEC ANCHOR
- STAINLESS STEEL THREADED ROD
- SOCK TO FIT 1 1/2"(38mm) DIA HOLE
- SOCK FULL LENGTH

INJECTION TUBE



STANDARD END PLATE

PLASTIC CORRUGATED PIPE

NOTE:

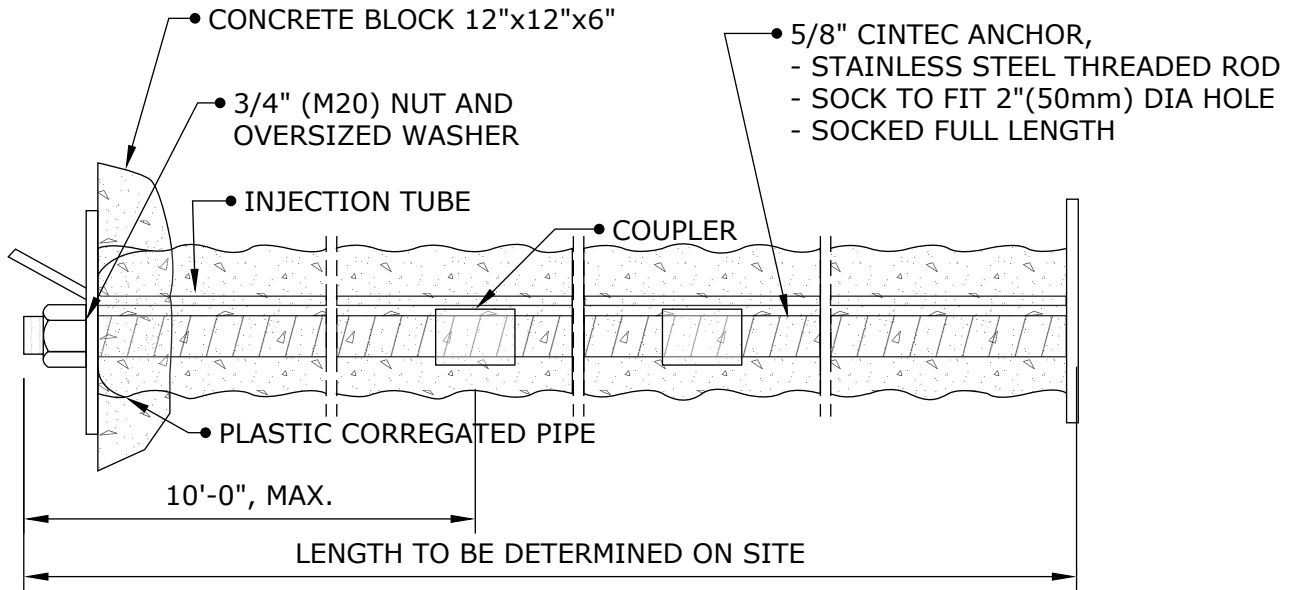
ALL STEEL TO BE STAINLESS
S304 QUALITY



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CINTEC Structural Solutions
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1-613-225-3381
Fax: 1-613-224-9042
E-mail: solutions@cintec.com

Drawing Title:

CINTEC ANCHORS



NOTE:

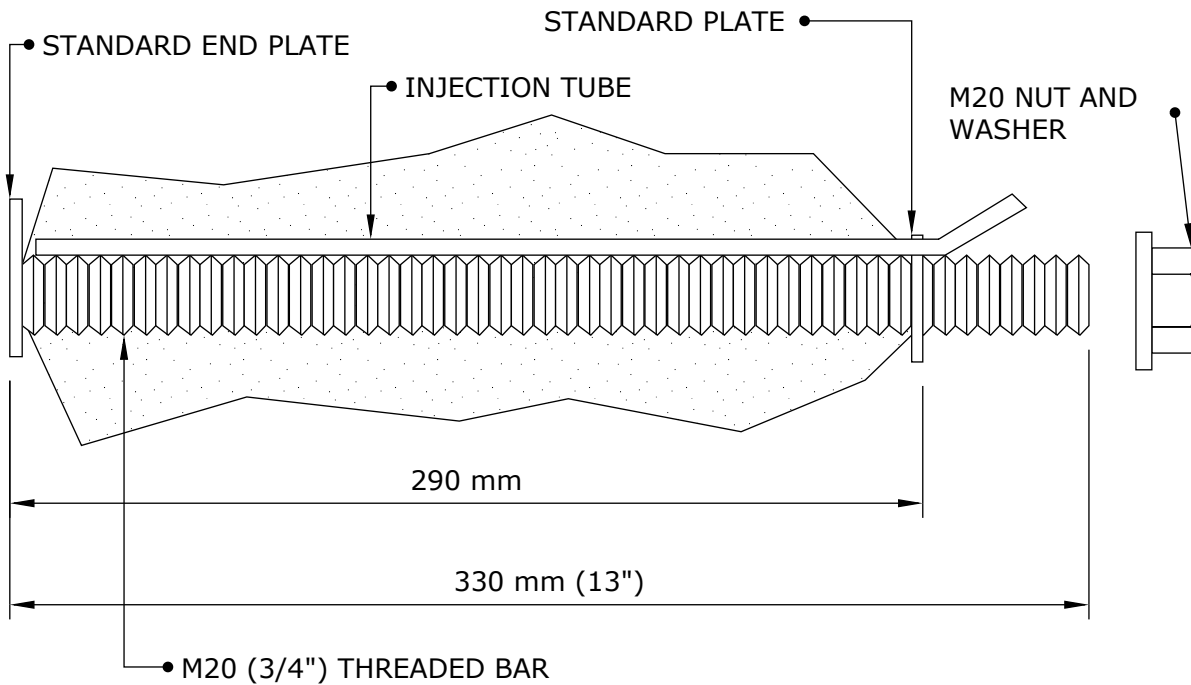
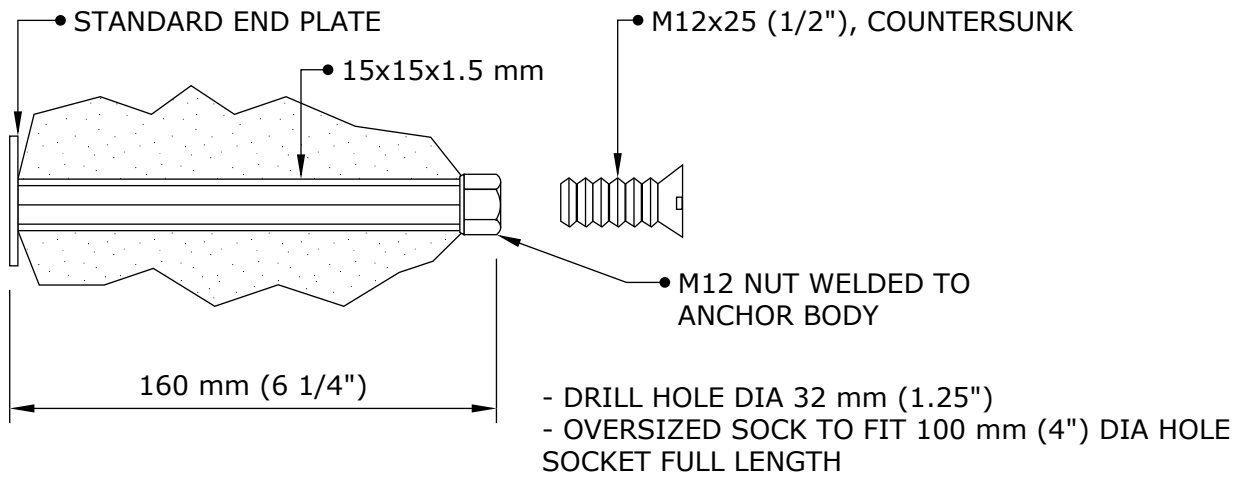
ALL STEEL TO BE STAINLESS
S304 QUALITY



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 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

CINTEC ANCHOR



- DRILL HOLE DIA 50 mm (2")
- OVERSIZED SOCK TO FIT 150 mm (6") DIA HOLE SOCKET FULL LENGTH

NOTE:

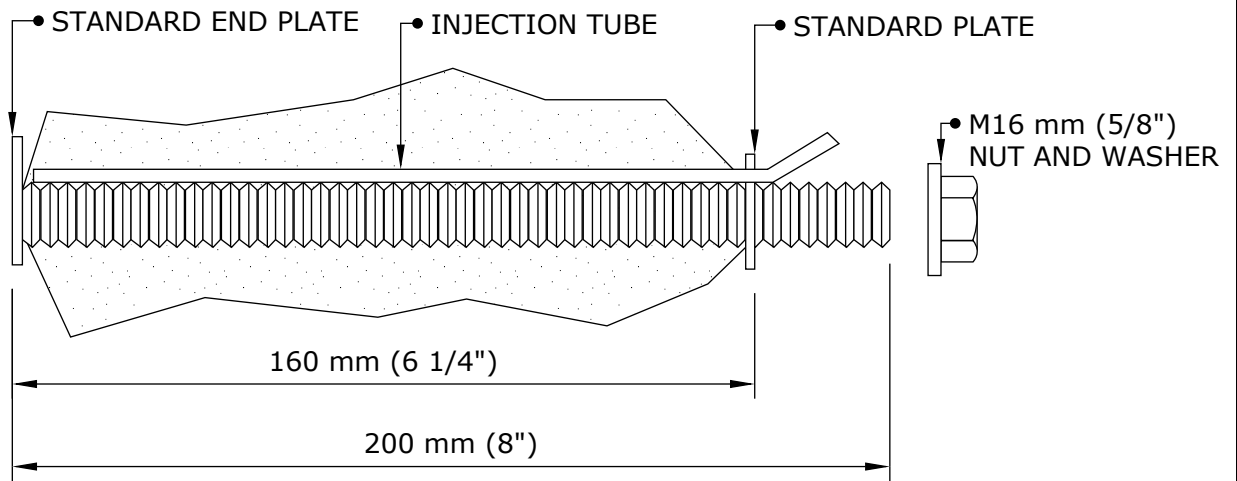
ALL STEEL TO BE STAINLESS S304 QUALITY



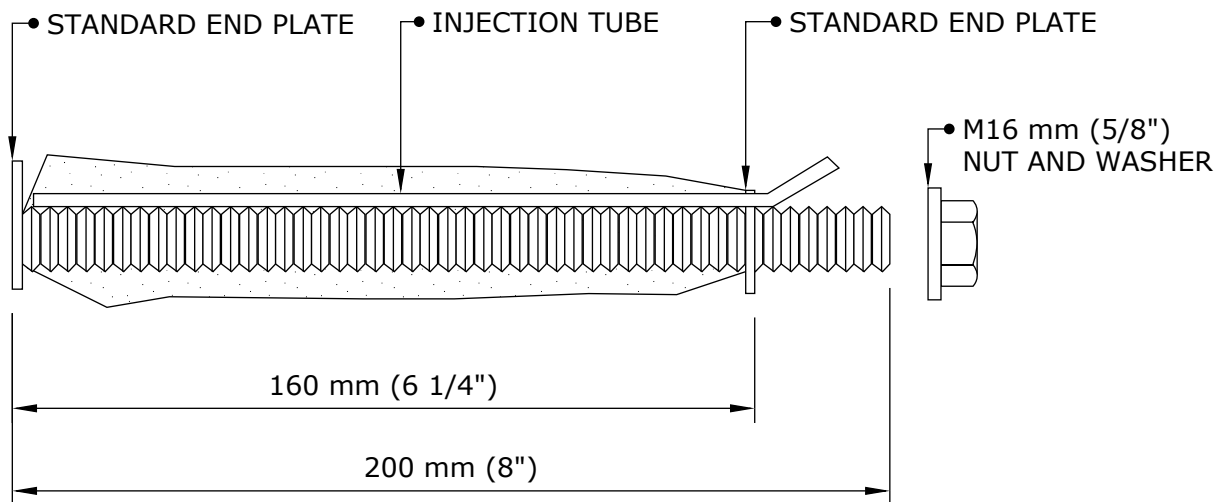
Engineered Grout Injection Anchors by:
CINTEC Structural Solutions
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 1-613-225-3381
 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

CINTEC ANCHORS



- DRILL HOLE DIA 50 mm (2")
- SOCK LENGTH 160 mm (6 1/4")
- OVERSIZED SOCK TO FIT 150 mm (6") DIA HOLE



NOTE:

ALL STEEL TO BE STAINLESS
S304 QUALITY

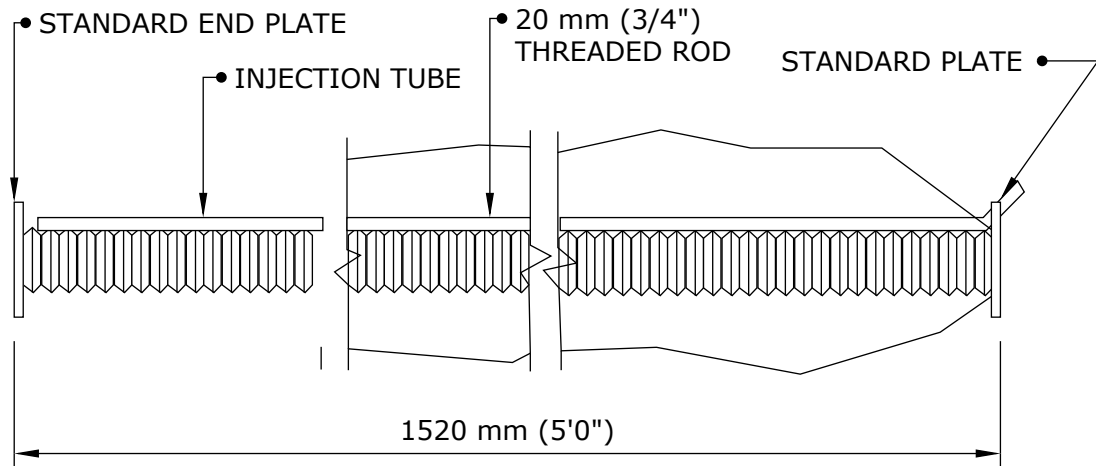
- DRILL HOLE DIA 38 mm (1 1/2")
- SOCK LENGTH 160 mm (6 1/4")
- SOCK TO FIT 38 mm (1 1/2") DIA HOLE



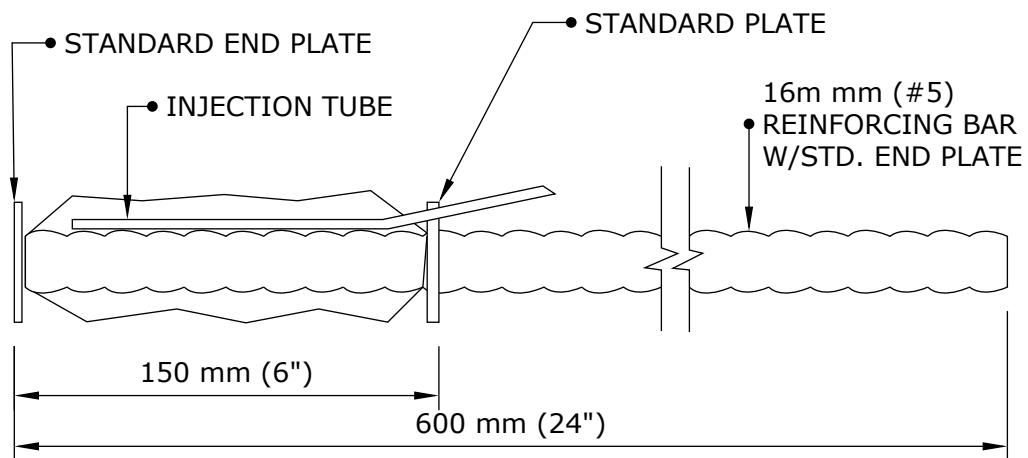
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 1-613-225-3381
 Fax: 1-613-224-9042
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Drawing Title:

CINTEC ANCHORS



- OVERSIZED SOCK TO FIT
200 mm (8") DIA HOLE,
SOCKED FULL LENGTH



- DRILL HOLE DIA 50 mm (2")
- OVERSIZED SOCK TO FIT
150 mm (6") DIA HOLE,
SOCKED FULL LENGTH 150 mm (6")

NOTE:

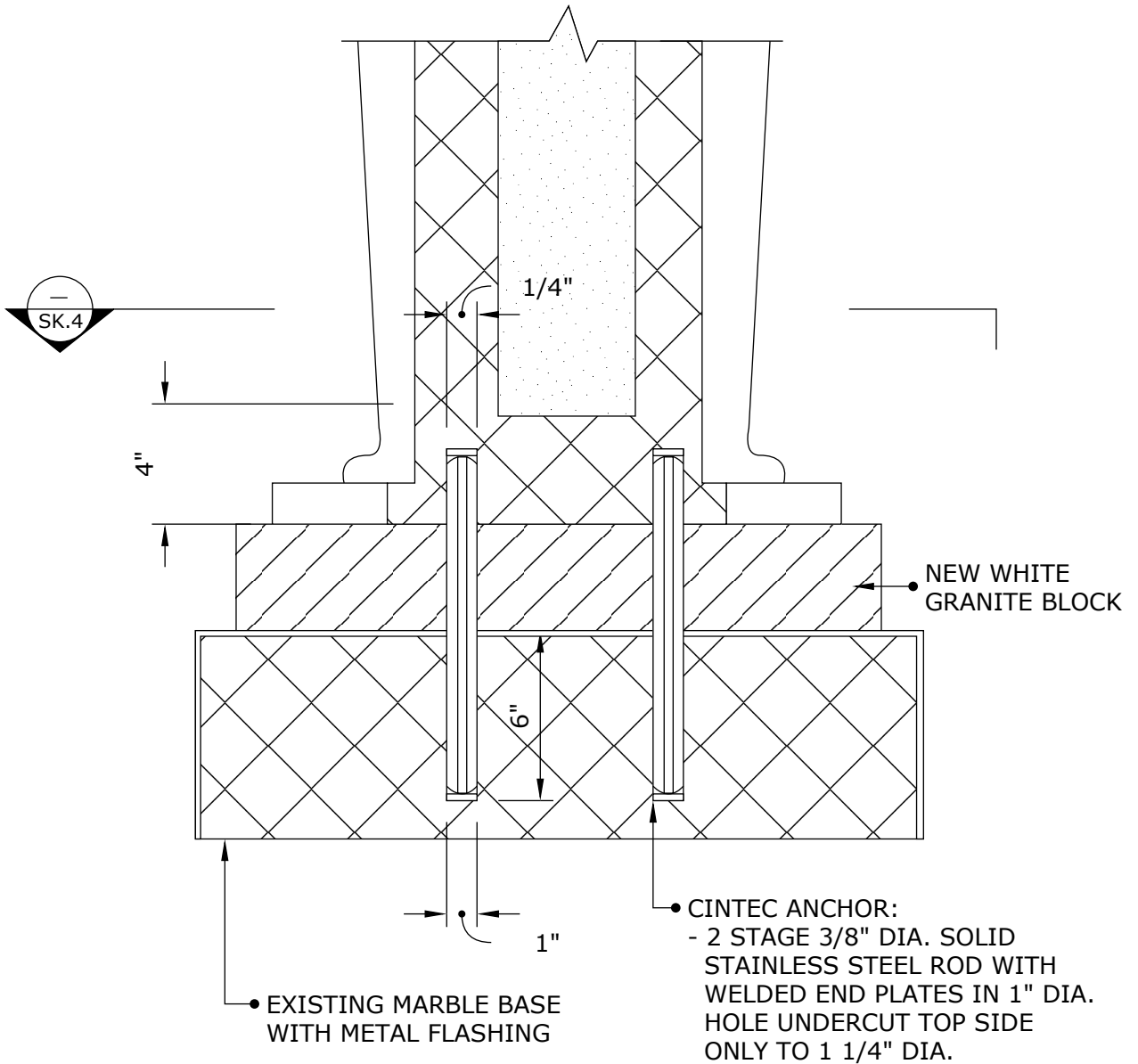
ALL STEEL TO BE STAINLESS
S304 QUALITY



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Drawing Title:

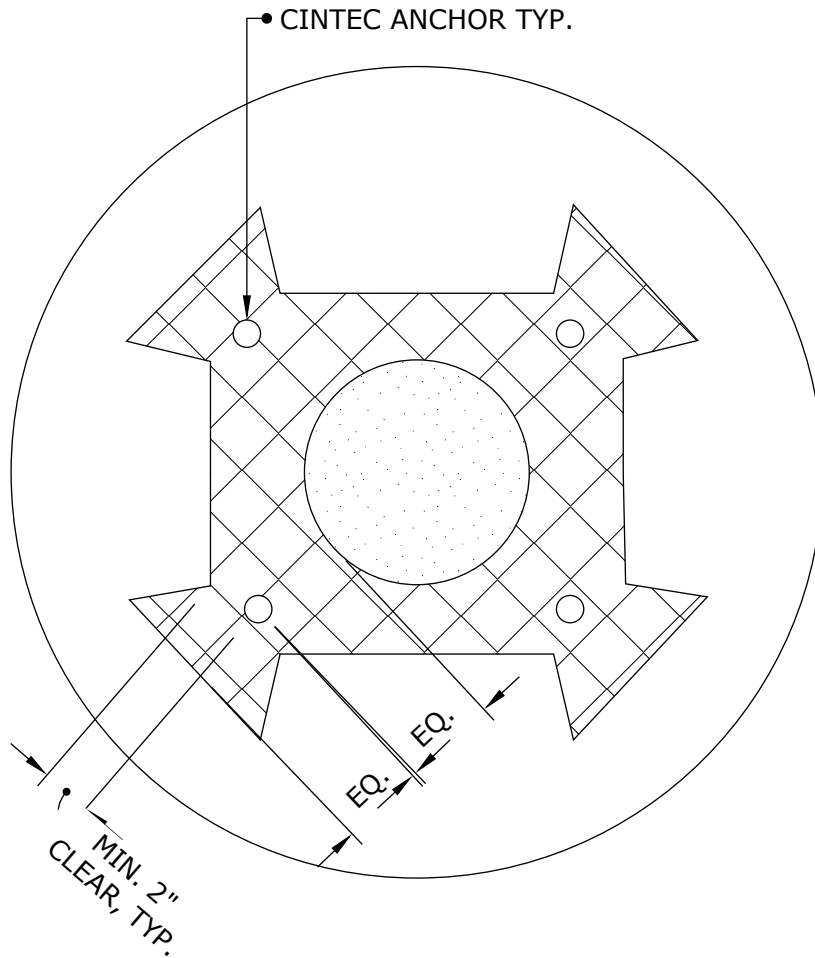
CINTEC ANCHORS



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 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

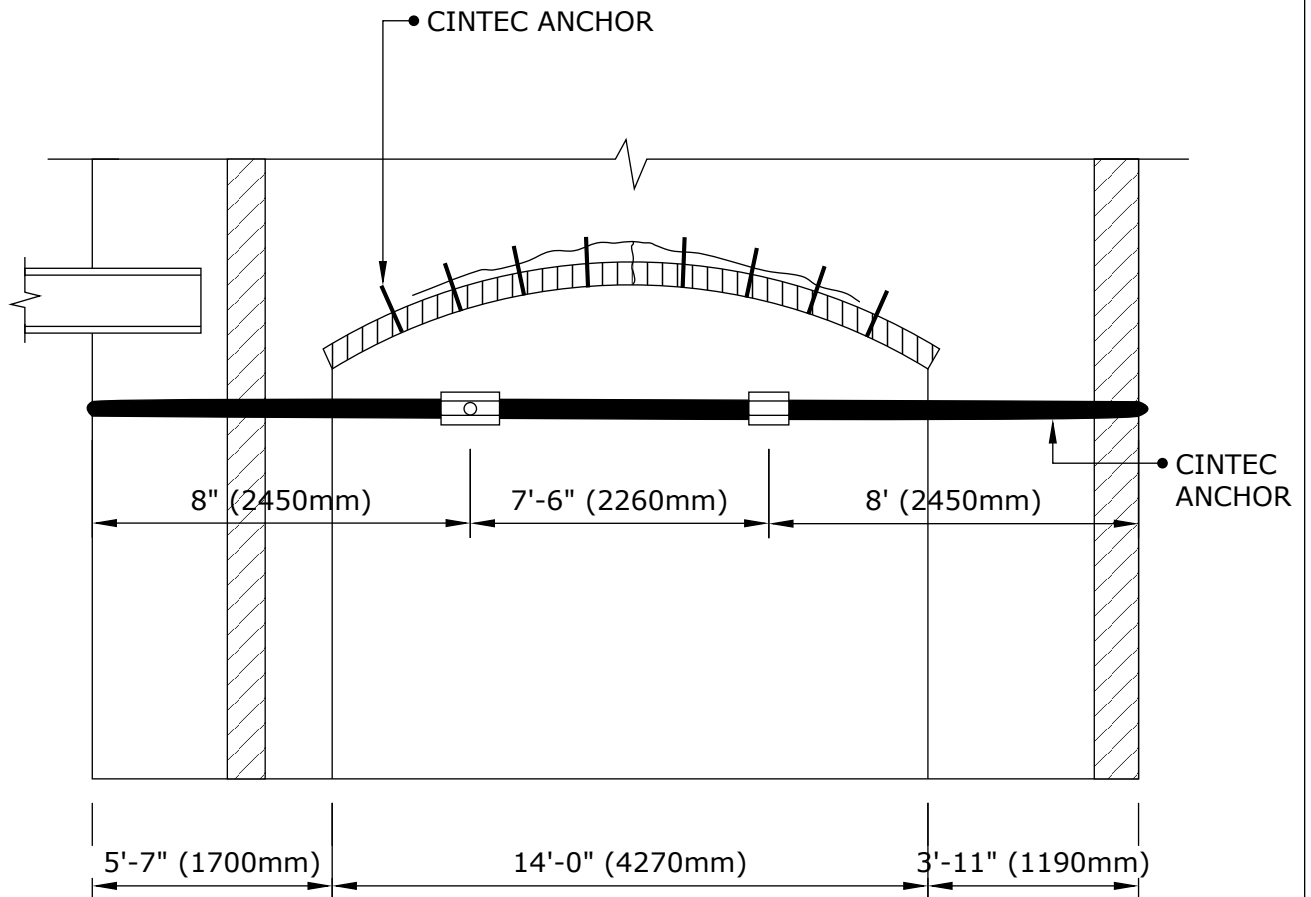
**SECTION THROUGH
 MARBLE URNS**



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 1-613-225-3381
 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

**SECTION THROUGH
 MARBLE URNS PLAN**



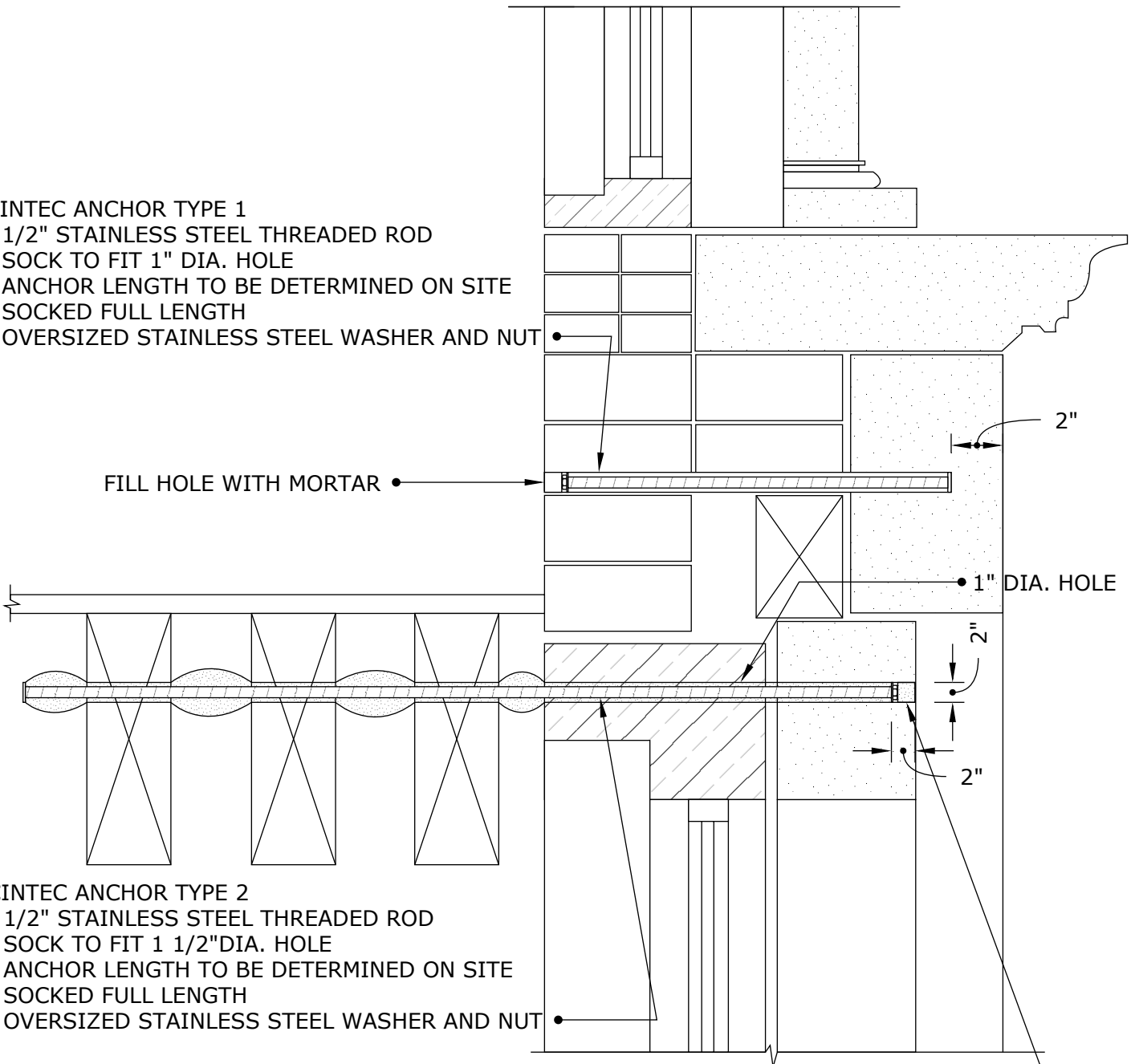
Engineered Grout Injection Anchors by:
CINTEC Structural Solutions
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 1-613-225-3381
 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

ANCHOR LAYOUT

CINTEC ANCHOR TYPE 1

- 1/2" STAINLESS STEEL THREADED ROD
- SOCK TO FIT 1" DIA. HOLE
- ANCHOR LENGTH TO BE DETERMINED ON SITE
- SOCKED FULL LENGTH
- OVERSIZED STAINLESS STEEL WASHER AND NUT



CINTEC ANCHOR TYPE 2

- 1/2" STAINLESS STEEL THREADED ROD
- SOCK TO FIT 1 1/2" DIA. HOLE
- ANCHOR LENGTH TO BE DETERMINED ON SITE
- SOCKED FULL LENGTH
- OVERSIZED STAINLESS STEEL WASHER AND NUT

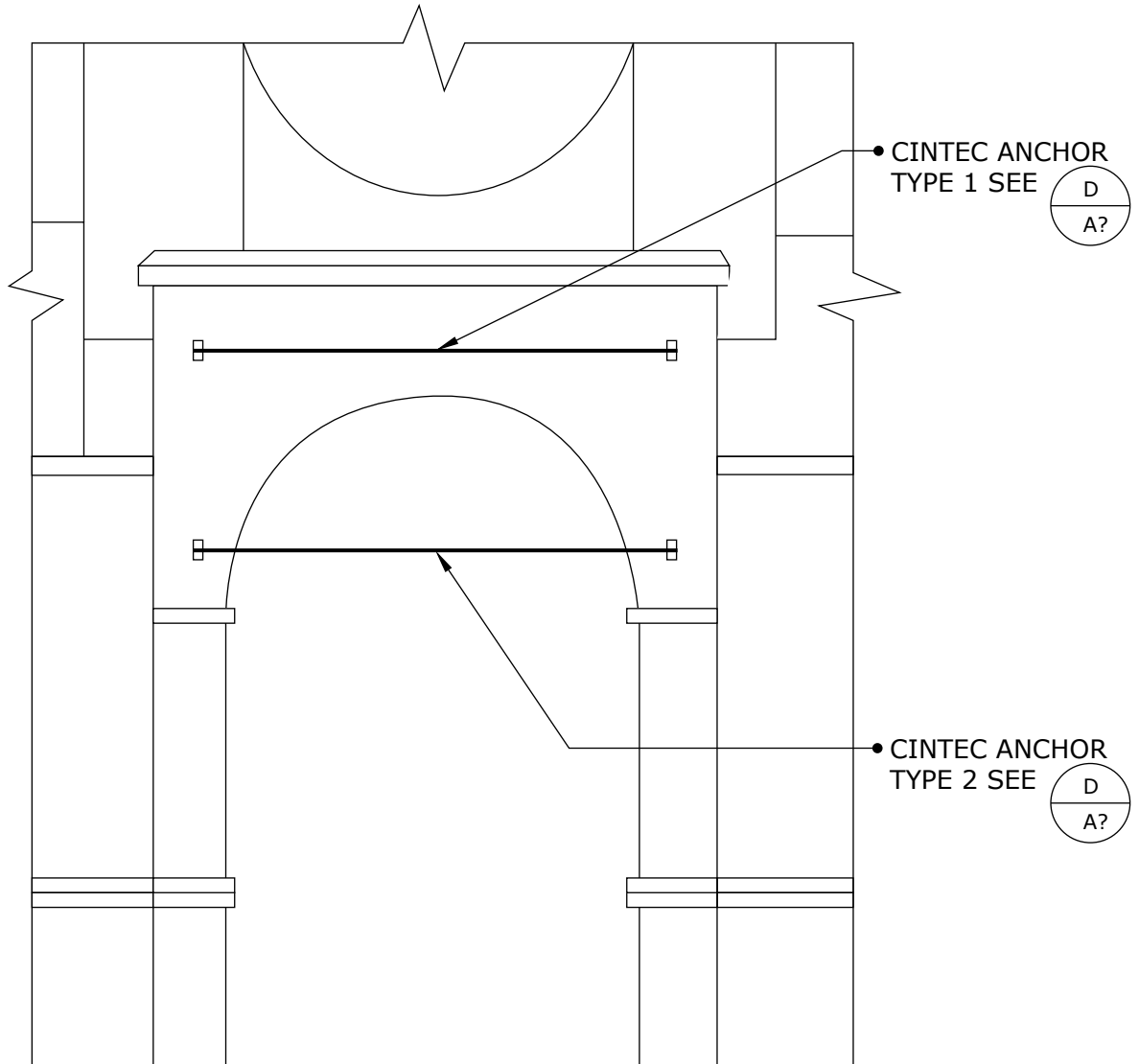
RETAIN AND REINSTALL
STONE PLUG USING EPOXY.
KEEP EPOXY 1/2" BACK FROM
FACE OF STONE AND POINT ONCE
EPOXY IS SET AND CURED.



Engineered Grout Injection Anchors by:
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E-mail: solutions@cintec.com

Drawing Title:

**CINTEC ANCHORS
STONE STABILIZATION**



NOTES:

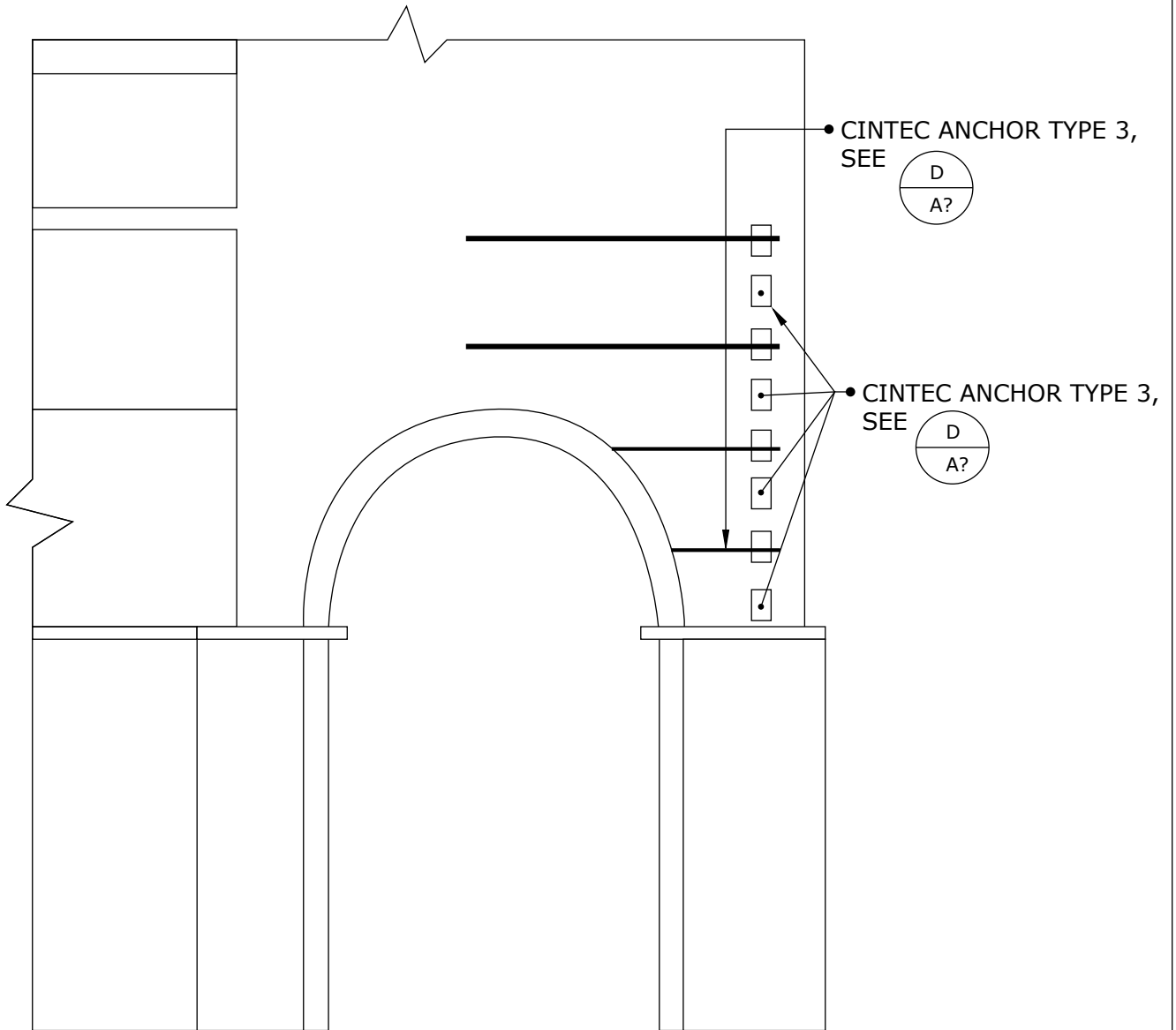
1. ANCHOR LENGTHS TO BE DETERMINED IN FIELD PRIOR TO ORDERING.



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 1-613-225-3381
 Fax: 1-613-224-9042
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Drawing Title:

**PARTIAL EAST
ELEVATION**



NOTES:

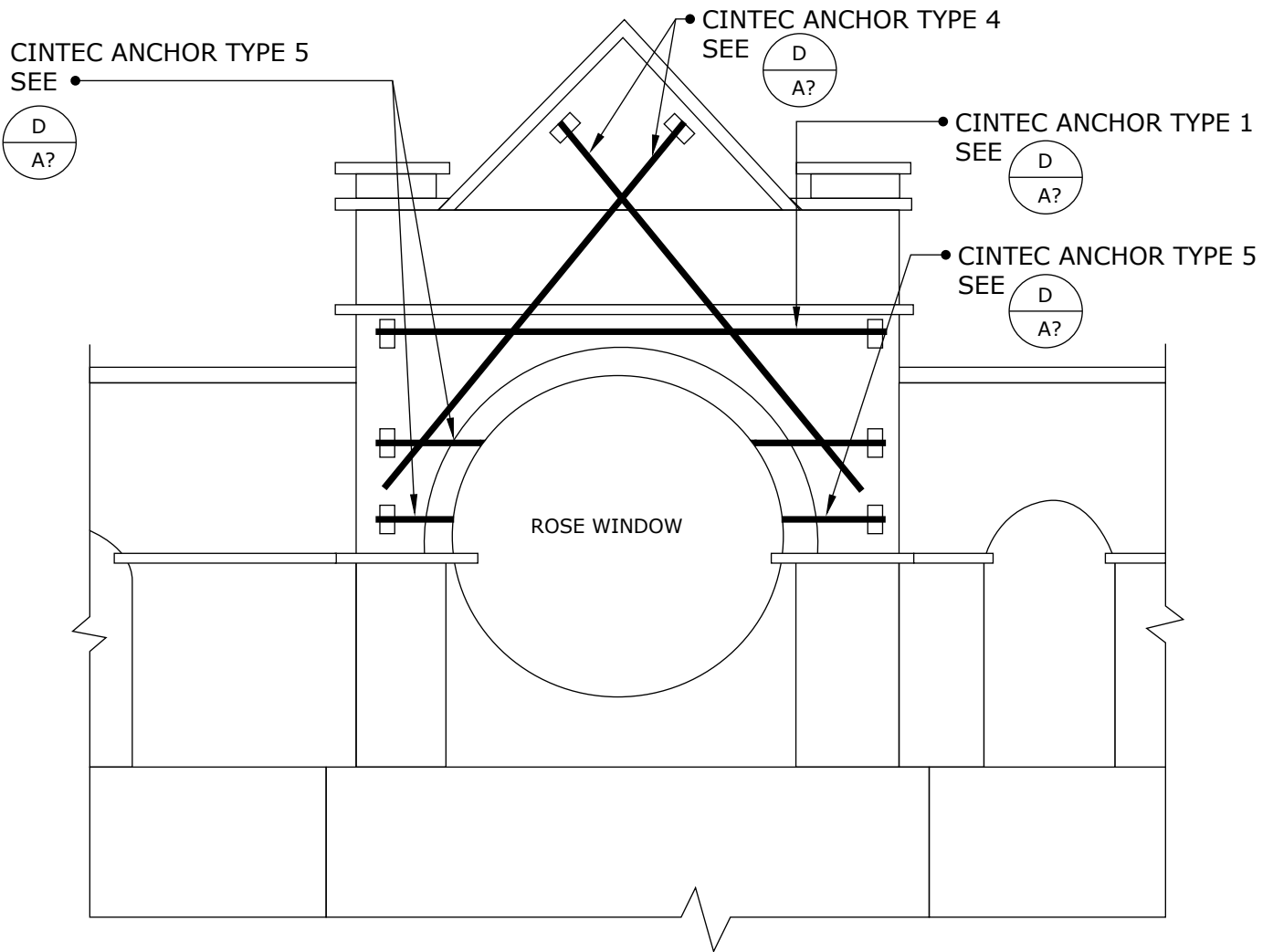
1. ANCHOR LENGTHS TO BE DETERMINED IN FIELD PRIOR TO ORDERING.



Engineered Grout Injection Anchors by:
CINTEC Structural Solutions
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 1-613-225-3381
 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

**PARTIAL EAST
 ELEVATION**



NOTES:

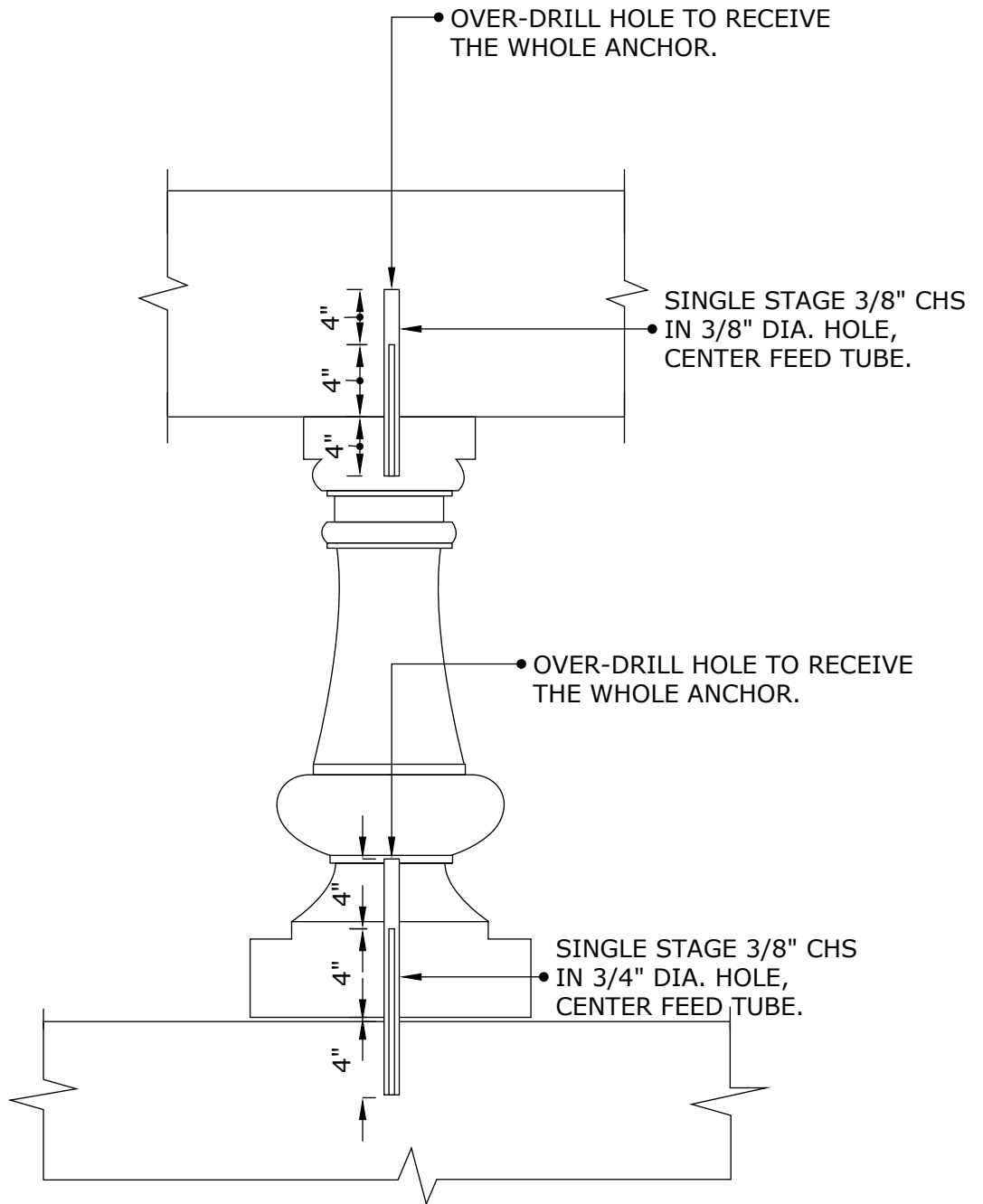
1. ANCHOR LENGTHS TO BE DETERMINED IN FIELD PRIOR TO ORDERING.



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Drawing Title:

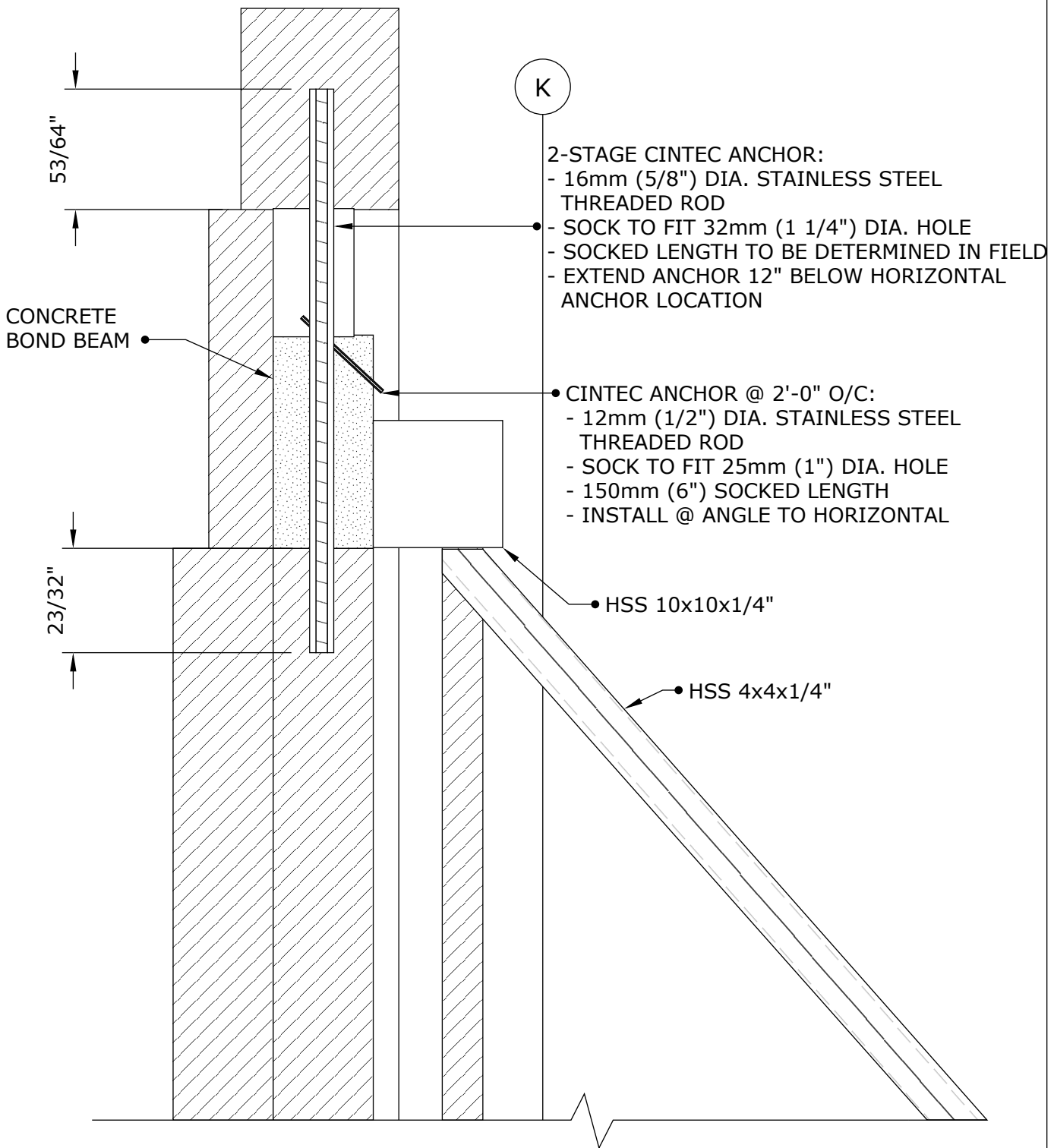
PARTIAL ELEVATION



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 1-613-225-3381
 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

PARTIAL ELEVATION



2-STAGE CINTEC ANCHOR:
 - 16mm (5/8") DIA. STAINLESS STEEL
 THREADED ROD
 - SOCK TO FIT 32mm (1 1/4") DIA. HOLE
 - SOCKED LENGTH TO BE DETERMINED IN FIELD
 - EXTEND ANCHOR 12" BELOW HORIZONTAL
 ANCHOR LOCATION

CINTEC ANCHOR @ 2'-0" O/C:
 - 12mm (1/2") DIA. STAINLESS STEEL
 THREADED ROD
 - SOCK TO FIT 25mm (1") DIA. HOLE
 - 150mm (6") SOCKED LENGTH
 - INSTALL @ ANGLE TO HORIZONTAL

HSS 10x10x1/4"

HSS 4x4x1/4"

CONCRETE
 BOND BEAM

53/64"

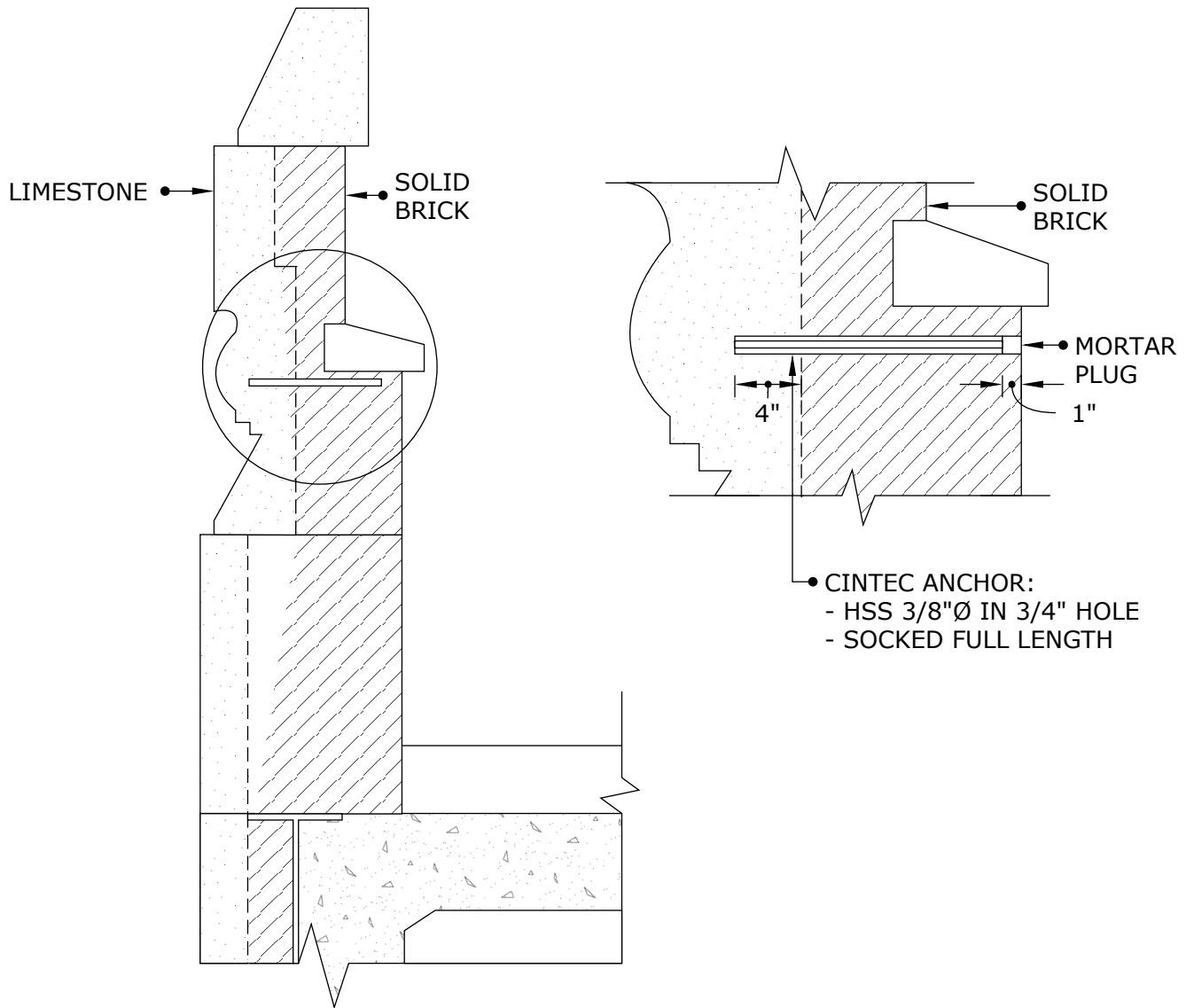
23/32"

K



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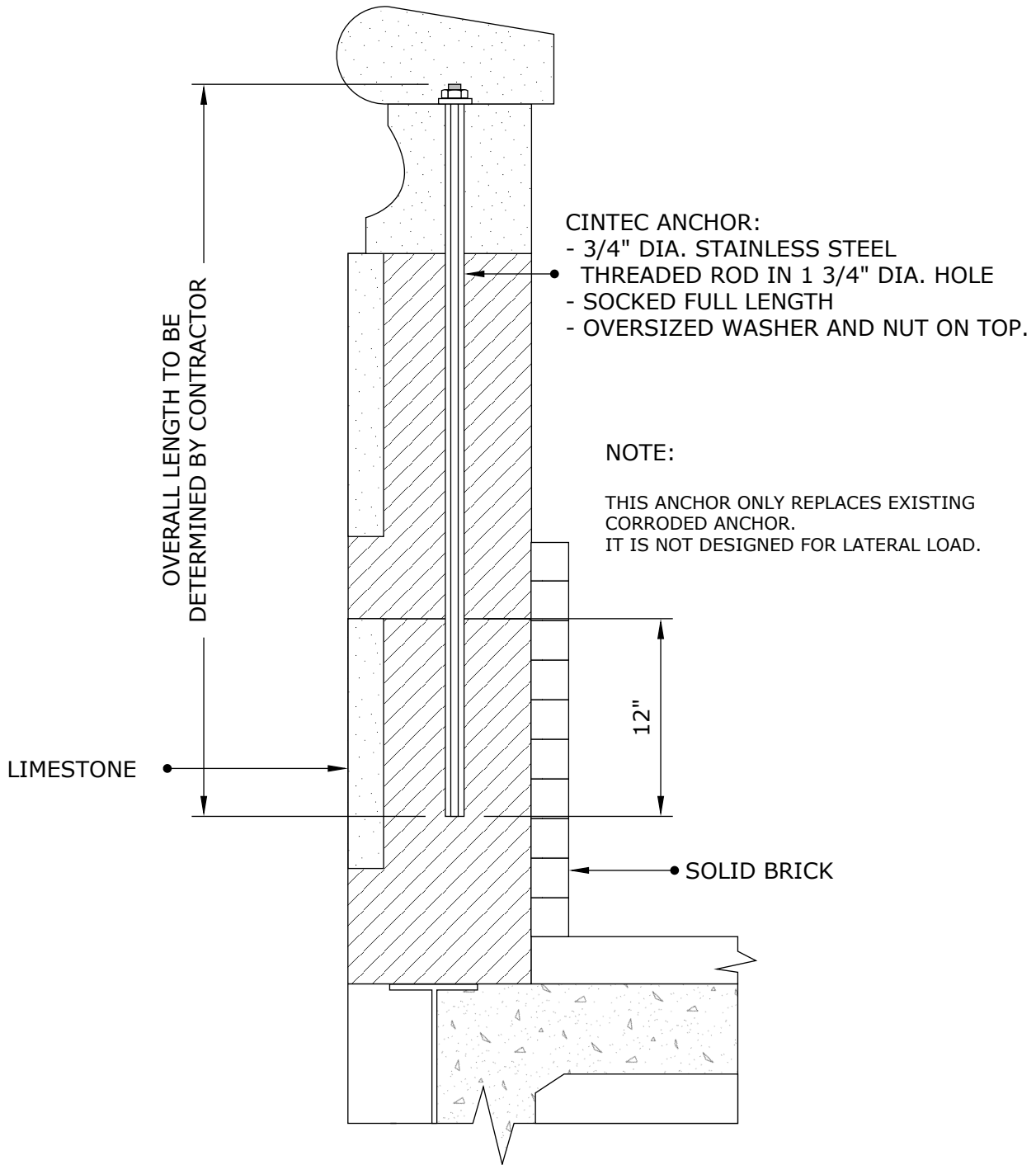
Drawing Title:
**PARAPET WALL
 SUPPORT ANCHORS**



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 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

PARAPET ANCHOR



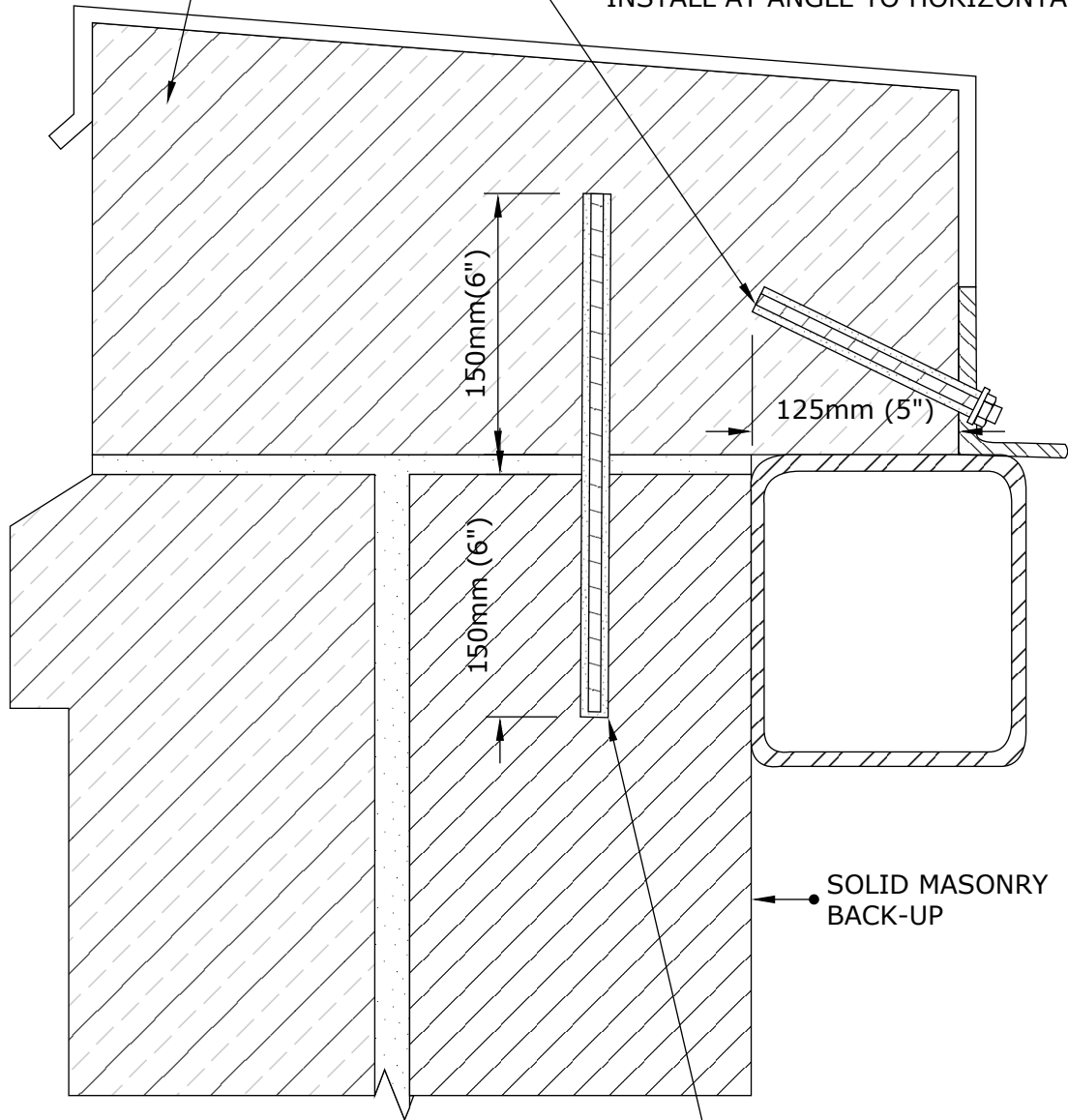
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Drawing Title:

PARAPET STITCHING

COPING STONE
12"x18"x5' LG.
MIN. 2 RODS PER STONE

- CINTEC ANCHOR:
 - 10mm (3/8") DIA. STAINLESS STEEL ROD
 - SOCK TO FIT 25mm (1") DIA. HOLE
 - SOCKED LENGTH 125mm (5")
 - INSTALL AT ANGLE TO HORIZONTAL

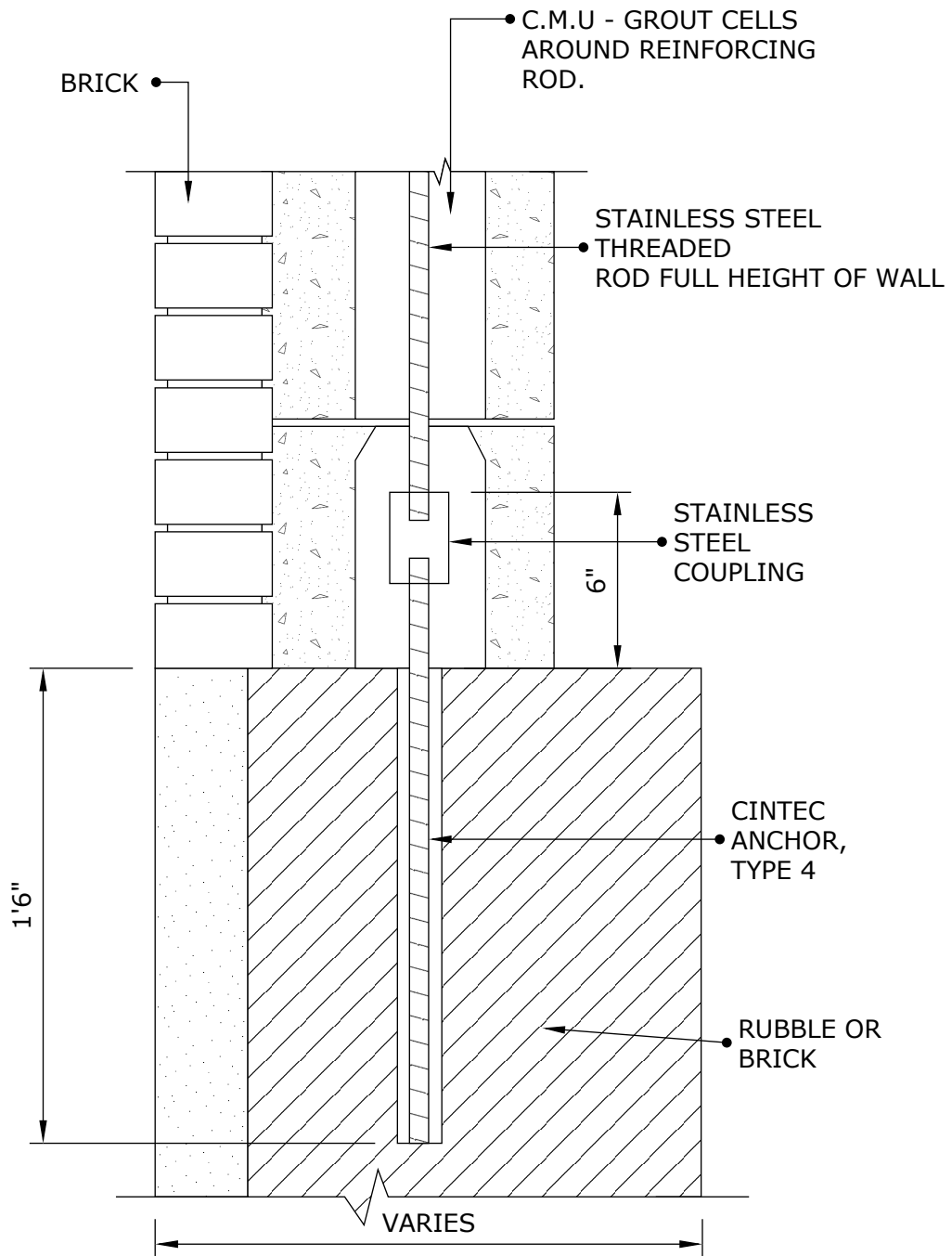


- CINTEC 2-STAGE ANCHOR:
 - 16mm DIA. STAINLESS STEEL THREADED ROD
 - SOCK TO FIT 32mm DIA. HOLE
 - TOTAL SOCKED LENGTH 300mm (12")



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Drawing Title:
COPING STONE ANCHORS



NOTES:

1. FOR ANCHOR DESCRIPTIONS SEE SK-08
2. CLIENT TO CHECK TOTAL ANCHOR LENGTH PRIOR TO ORDERING

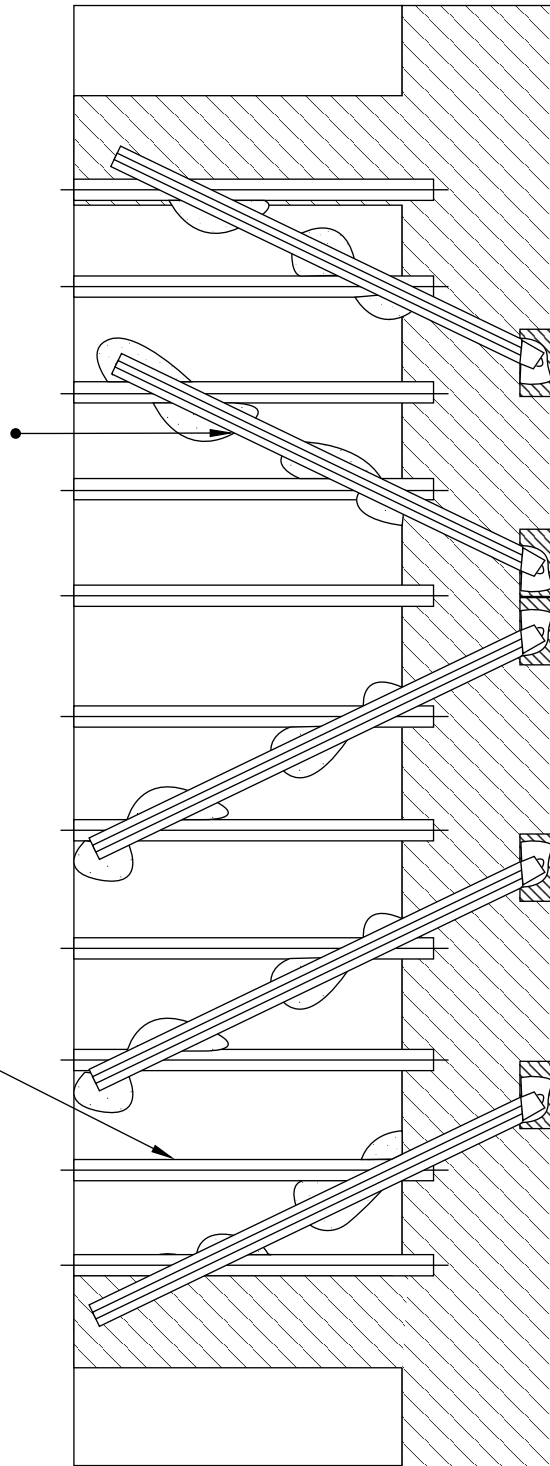
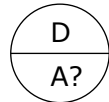


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Drawing Title:

**COPING STONE
 ANCHORS**

CINTEC ANCHOR TYP.
SEE DETAIL



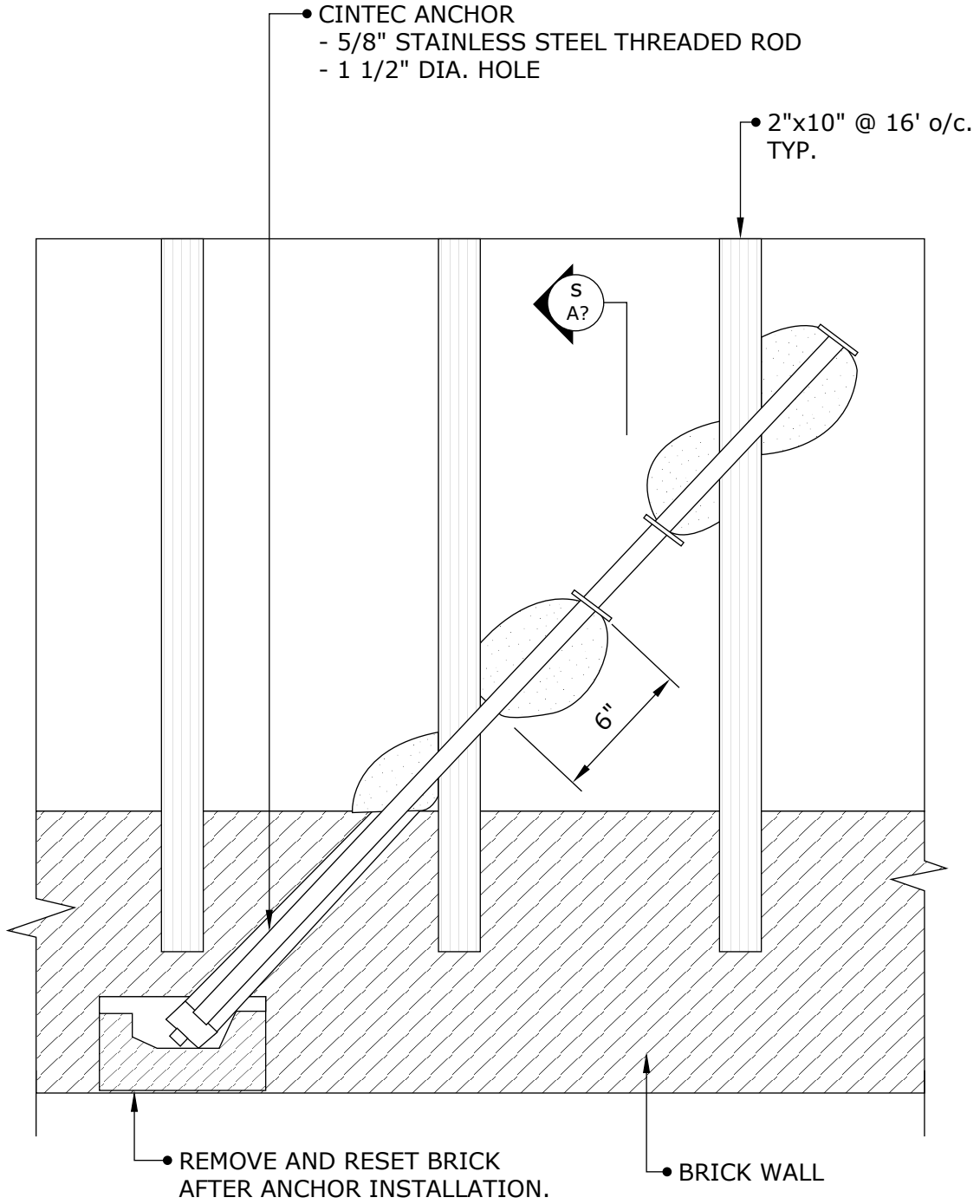
FLOOR JOIST PARTIAL PLAN

2"x10" @ 16" o/c TYP.



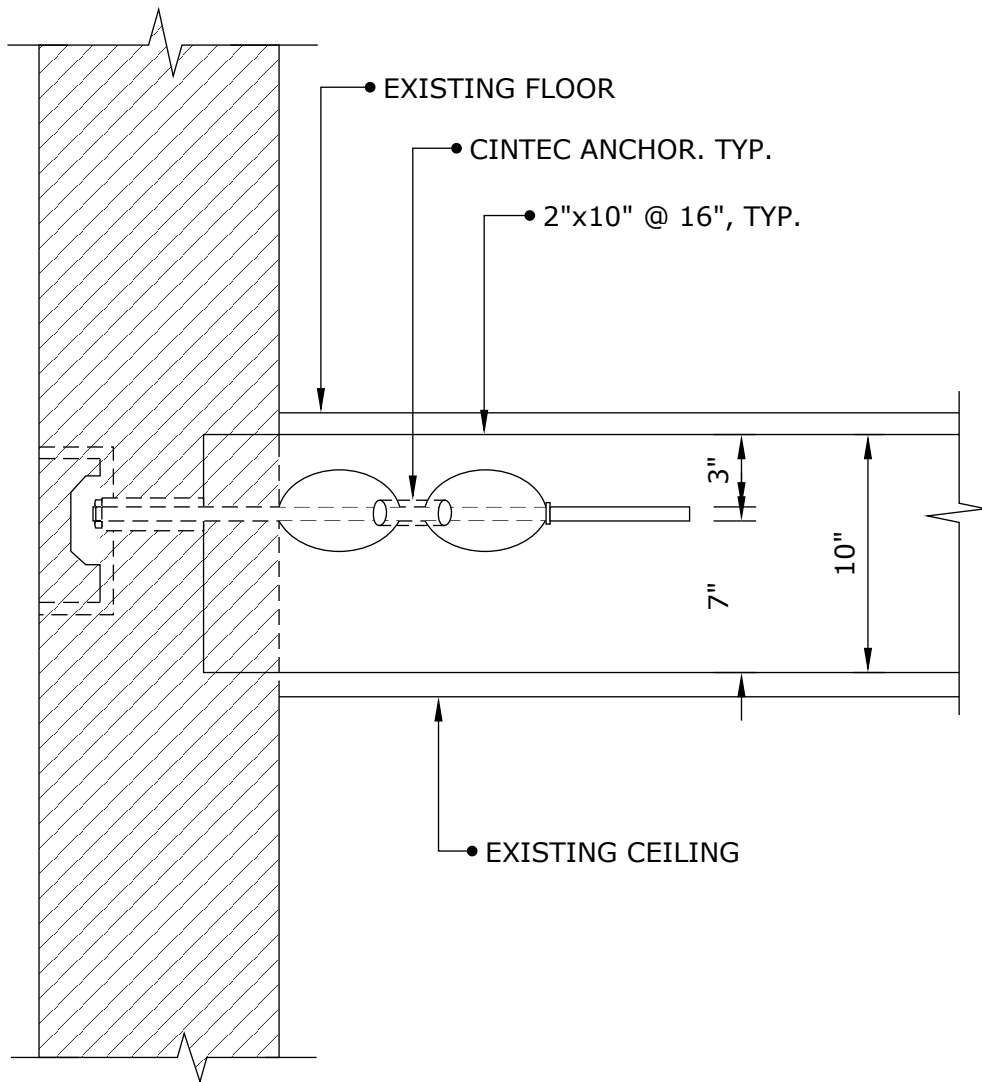
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E-mail: solutions@cintec.com

Drawing Title:
**BRICK WALL TO WOOD
FLOOR DIAPHRAGM
STABILIZATION**



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 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:
**BRICK WALL TO WOOD
 FLOOR DIAPHRAGM
 STABILIZATION**

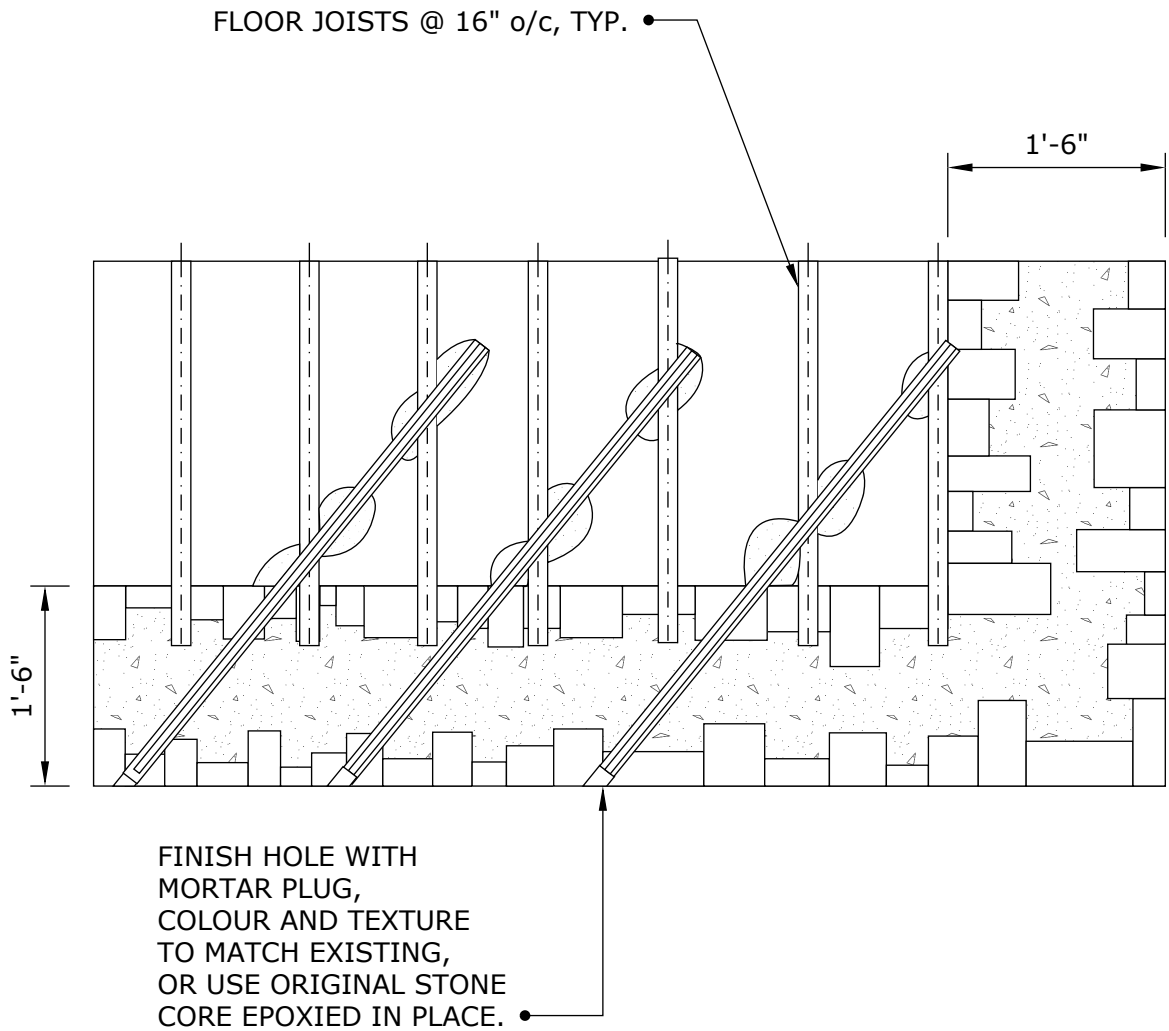


SECTION



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 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:
**BRICK WALL TO WOOD
 FLOOR DIAPHRAGM
 STABILIZATION**

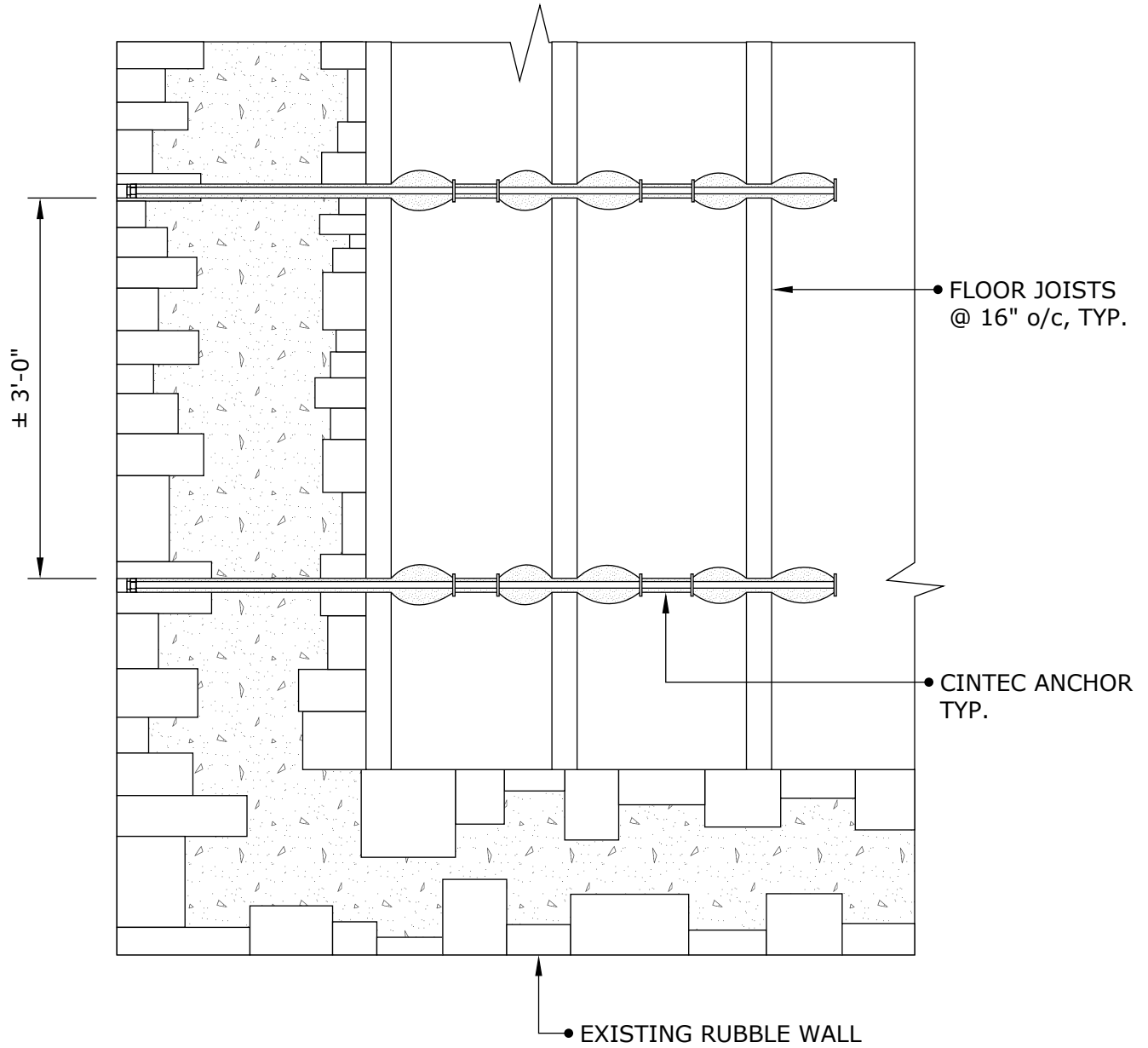


FLOOR JOIST PARTIAL PLAN



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 Fax: 1-613-224-9042
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Drawing Title:
**RUBBLE WALL TO
 WOOD FLOOR
 DIAPHRAGM
 STABILIZATION**



FLOOR JOIST PARTIAL PLAN



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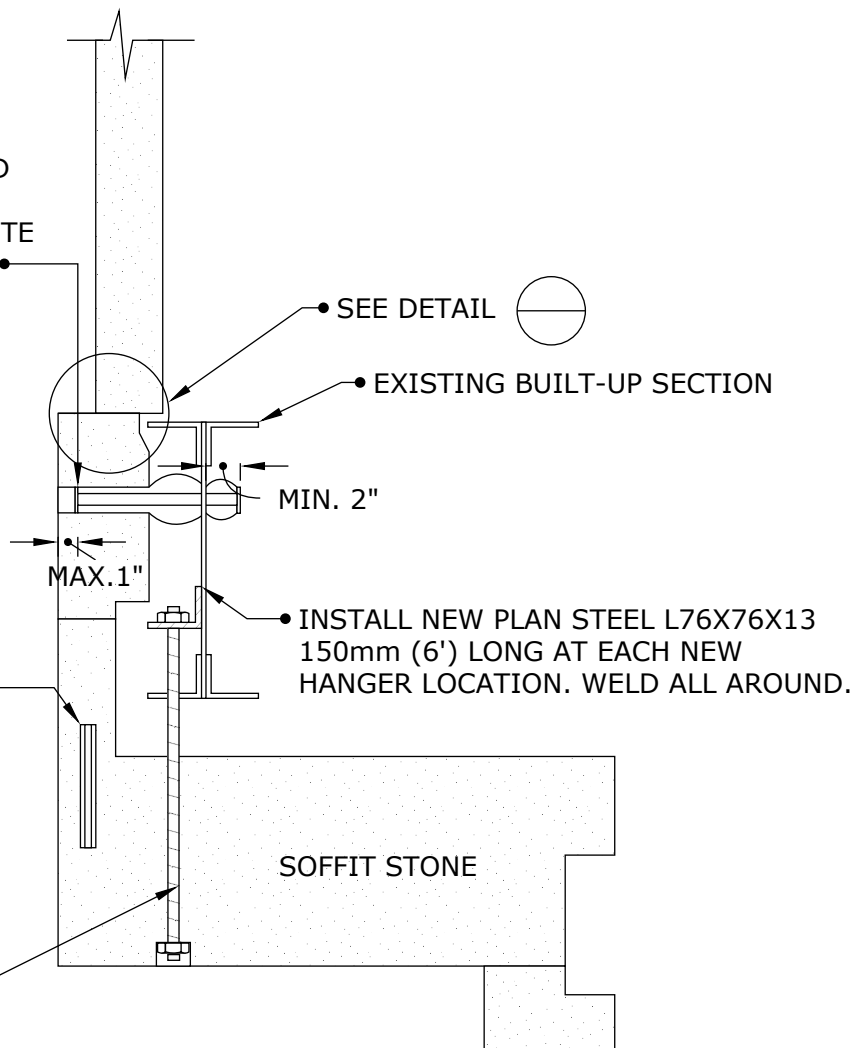
Drawing Title:
**RUBBLE WALL TO
 WOOD FLOOR
 DIAPHRAGM
 STABILIZATION**

CINTEC ANCHOR:

- 10X1 STAINLESS STEEL CHS
- SOCKED FULL LENGTH
- SOCK TO FIT 25mm HOLE
- FILL HOLE WITH COLOUR MATCHED JAHN MORTAR
- LENGTH TO BE DETERMINED ON SITE
- MINIMUM 2 ANCHORS PER STONE

**CINTEC ANCHORS:
CRACKED PORTION OF SOFFIT
STONE TO BE REMOVED AND
REINSTALLED USING**

- 8X1 STAINLESS STEEL CHS
- SOCKED AT BOTH ENDS WITH
GROUT TUBE AT BACK OF CRACK
(MIDDLE OF ANCHOR)
- INSTALL 4 ANCHORS PER STONE
- MIN. EMBEDMENT OF EACH END
OF ANCHOR TO BE 5"



ANCHOR:

- 3/4" DIA. STAINLESS STEEL THREADED ROD IN 3/4"Ø HOLE
- LENGTH OF HANGER TO BE DETERMINED IN FIELD
- INSTALL 1 3/4"Ø MIN. WASHER IN 2" DIA. HOLE
AT UNDERSIDE OF SOFFIT STONE.
- INSTALL DOUBLE WASHER UNDER NUT USE OVERSIZED WASHER AT BOTTOM
- PATCH UNDERSIDE OF SOFFIT WITH COLOUR MATCHED JAHN PLUG.

NOTES:

1. ENSURE ALL SOFFIT STONES ARE SHORED PRIOR TO THE COMMENCEMENT OF ANY WORK.
2. NOTE EXISTING STEEL BEAM DATES TO APPROX. 1935.
3. GRIND LOOSE RUST OFF EXISTING BEAM BOTTOM ANGLE WITH RIE WHEEL TREAT EXISTING EXPOSED STEEL AND NEW ANGLE BRACKETS WITH RUST CONVERTER (BLUE STEEL)
4. FOR HANGER LOCATIONS, SEEK SK-



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Drawing Title:

**SOFFIT STONE
SUPPORTS AND REPAIR
ANCHORS**

CARVED STONE BAND

GRIND EXPOSED CORRODED STEEL AT BOND BEAM AND APPLY RUST CONVERTER.

EXISTING HSS 8x6x3/16 IN PARAPET REINFORCEMENT FRAME

EXISTING HSS 8x8x1/4 IN PARAPET REINFORCEMENT FRAME

MIN. 4"

COLOUR MATCHED MORTAR PLUG (JAHN)

MAX. 1"

VARIES

CINTEC ANCHOR:
- 1/2" DIA. STAINLESS STEEL THREADED ROD
- SOCK TO FIT 1" DIA. (25mm) HOLE
- SOCK LENGTH TO BE DETERMINED IN FIELD (<24")
- TOTAL ANCHOR LENGTH TO BE DETERMINED IN FIELD (<36")

TYPICAL DETAIL

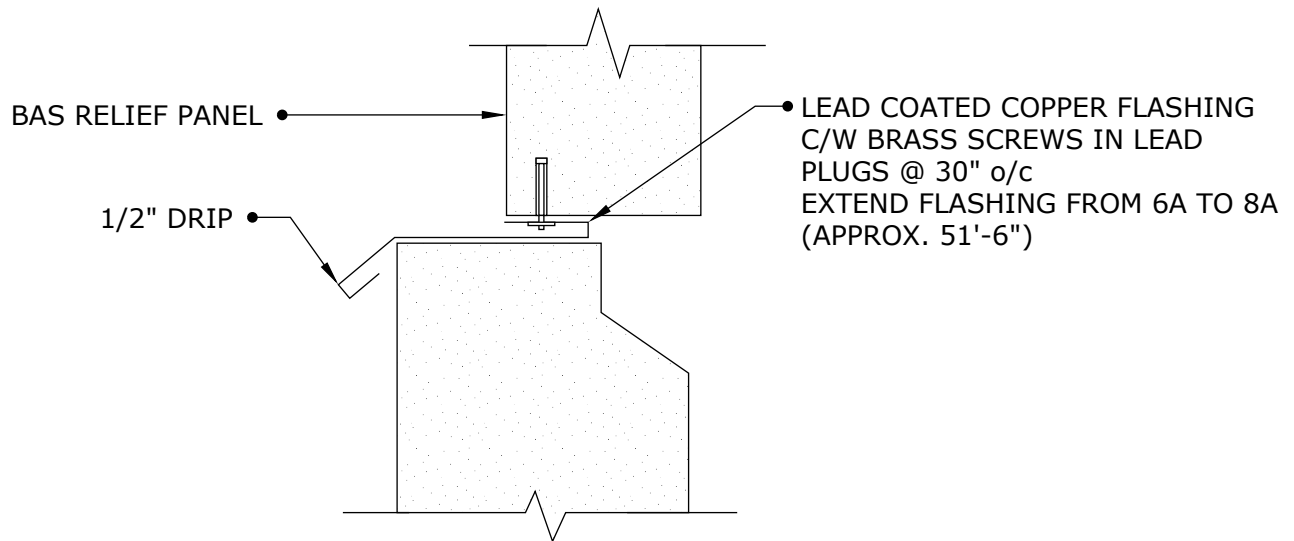
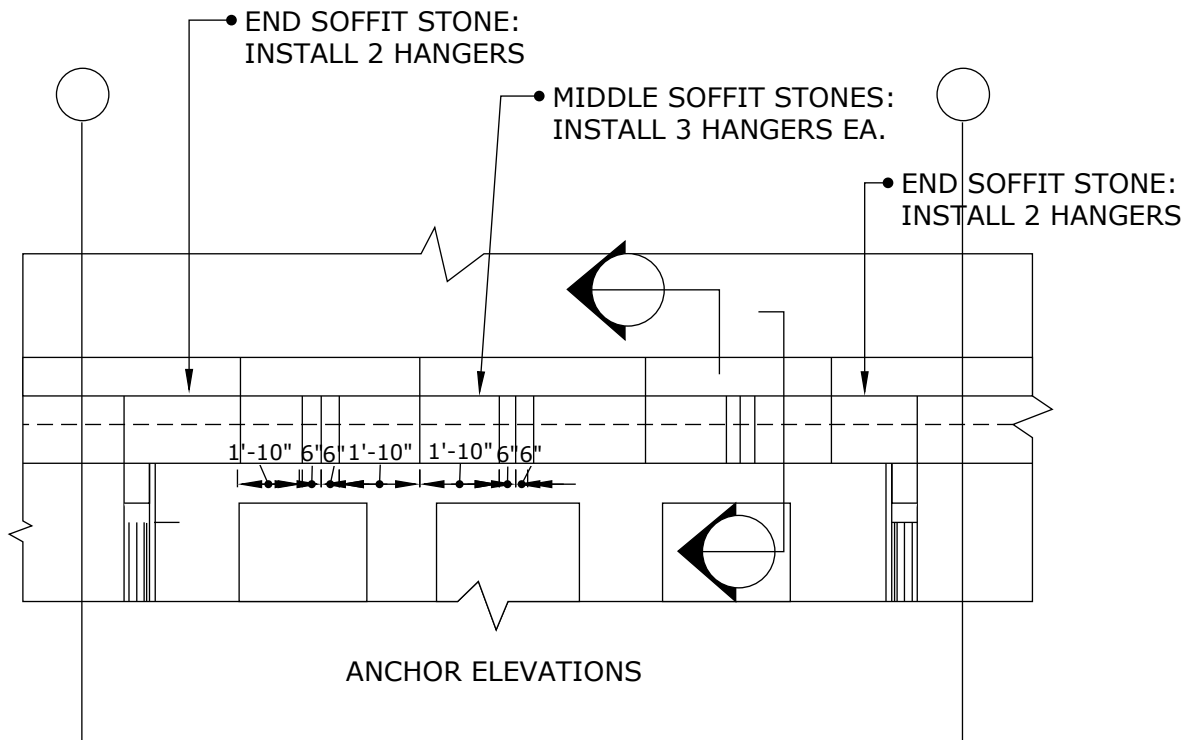
- NOTES:
1. ALL ANCHOR DIMENSIONS TO BE DETERMINED IN THE FIELD.
 2. INSTALL A MINIMUM OF TWO (2) ANCHORS PER STONE



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Drawing Title:

**STONE CLADDING
SUPPORT ANCHORS**



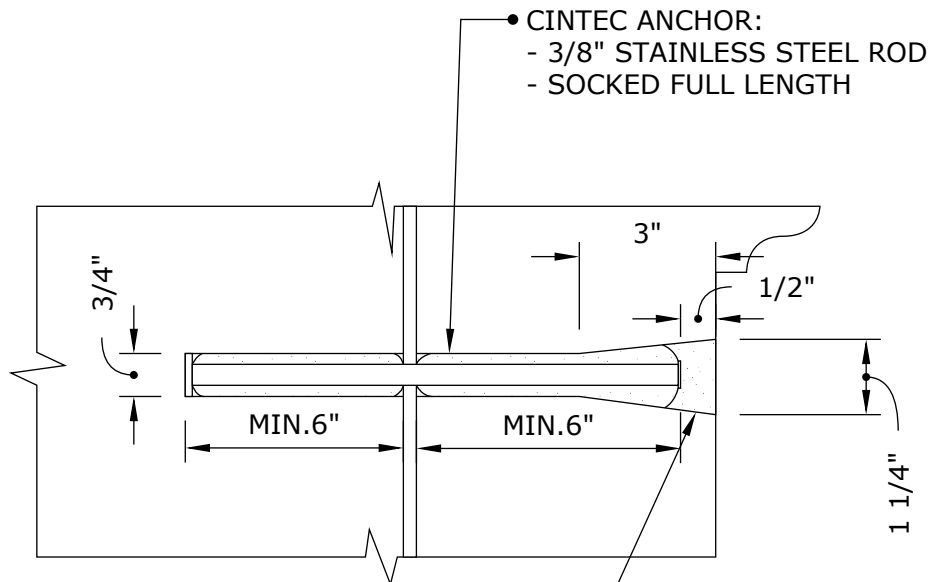
DETAIL 2



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 Fax: 1-613-224-9042
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Drawing Title:

ANCHOR LOCATIONS



• CINTEC ANCHOR:
 - 3/8" STAINLESS STEEL ROD
 - SOCKED FULL LENGTH

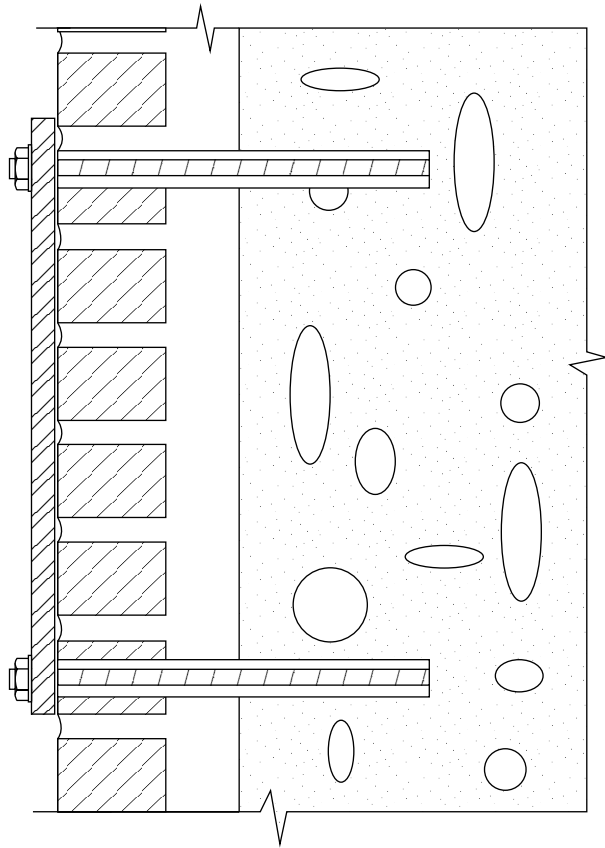
• PATCH MARBLE WITH COMPOSITE
 PATCHING MORTAR TO MATCH
 COLOR AND PROFILE OF ADJACENT
 MARBLE SURFACE.



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Drawing Title:

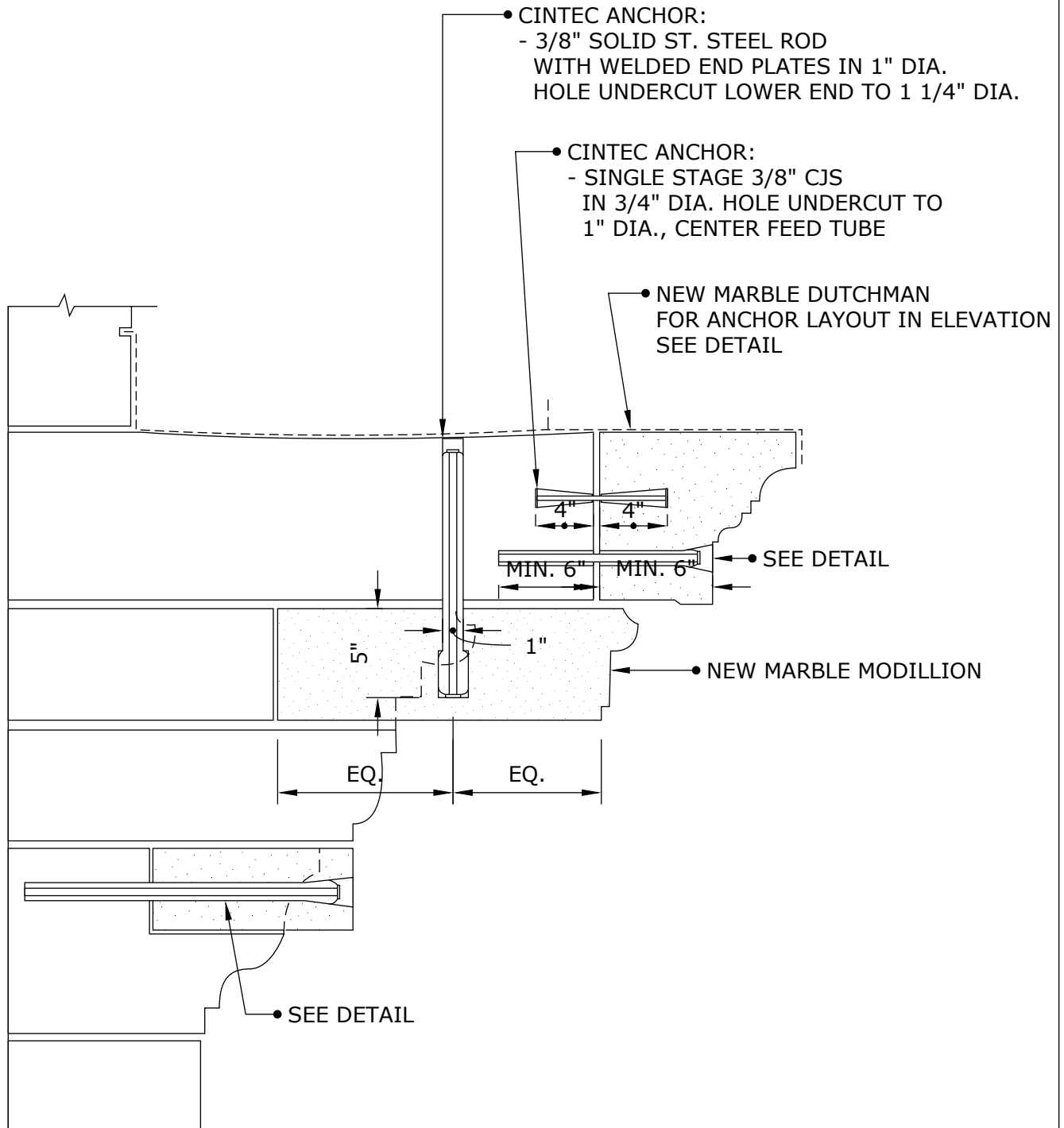
**TYPICAL RECESSED
 CINTEC ANCHOR DETAIL**



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Drawing Title:

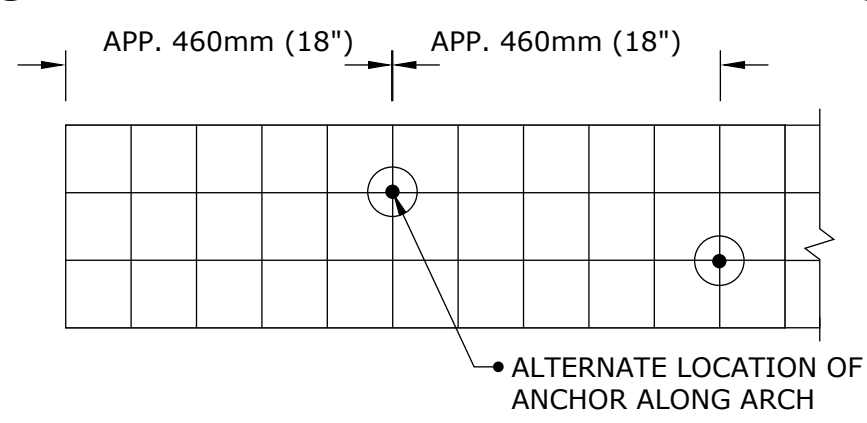
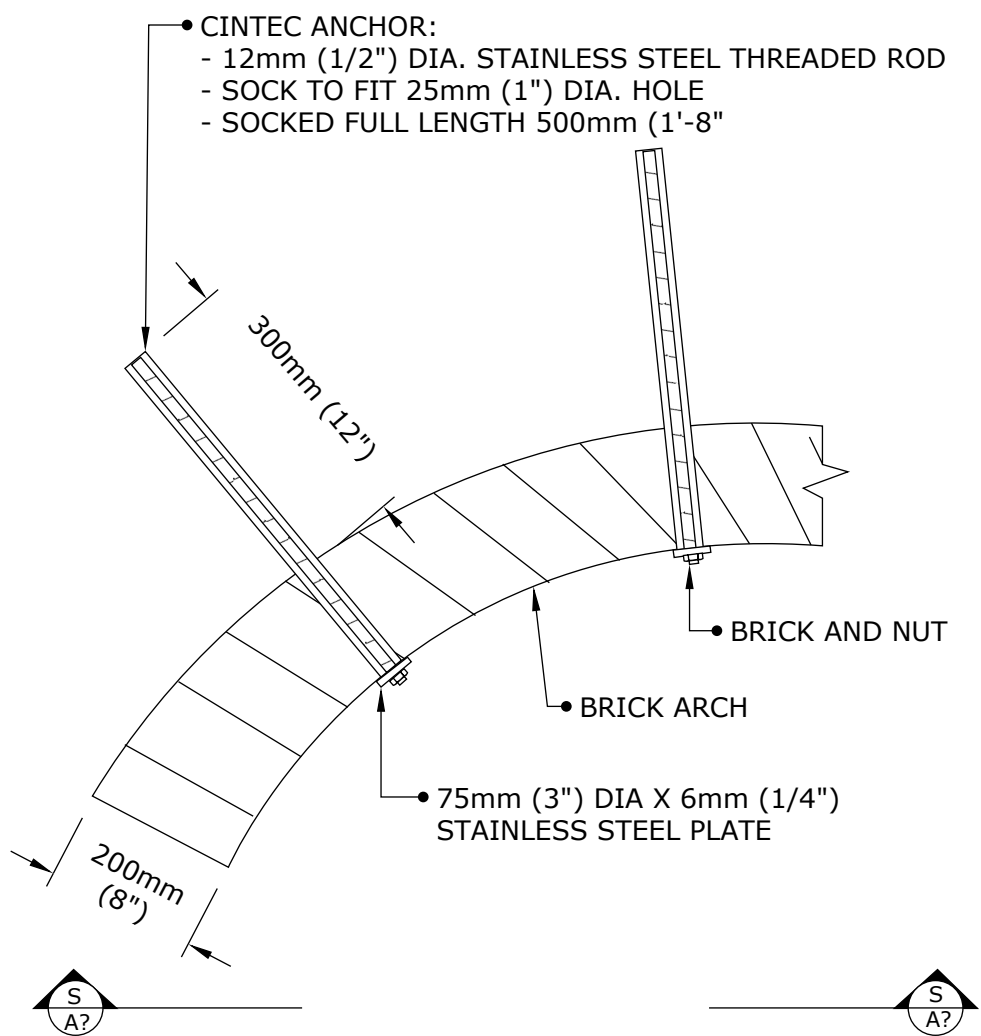
BRICK STABILIZATION



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 Fax: 1-613-224-9042
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Drawing Title:

**CORNICE SECTION
 CINTEC ANCHOR
 LAYOUT**

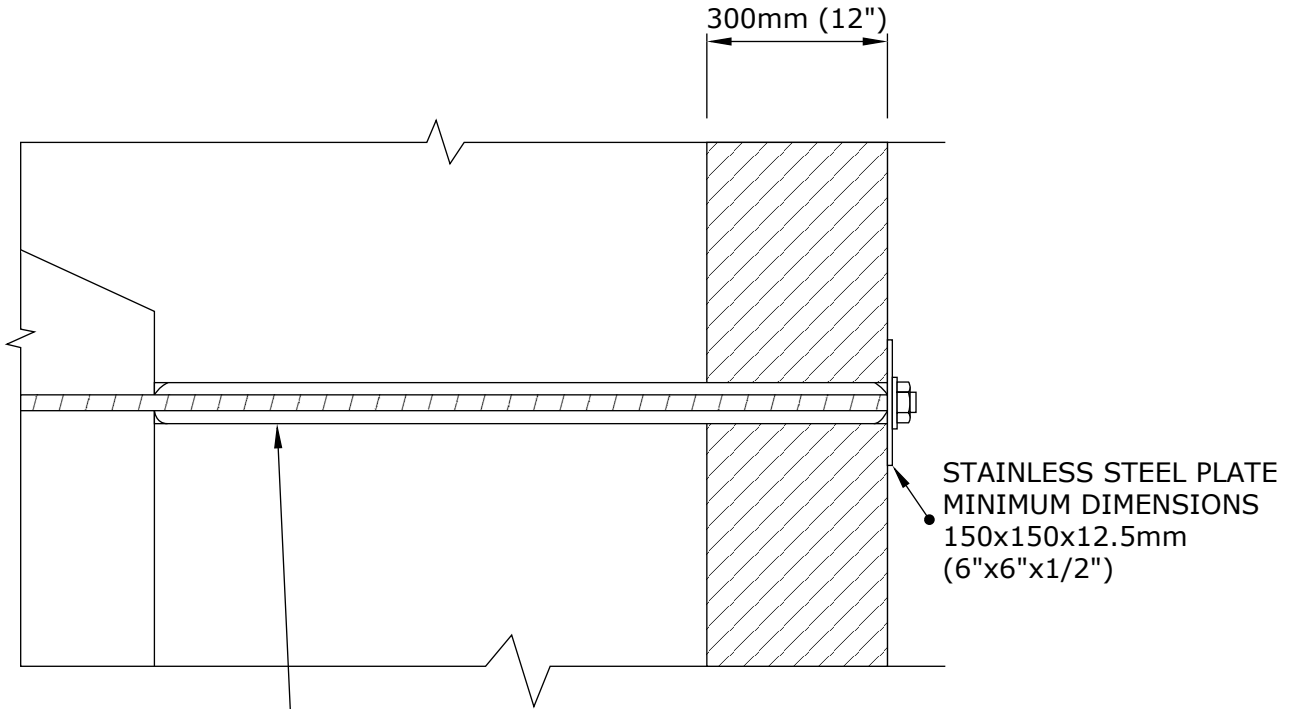


SECTION 1-1



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 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:
ARCH ANCHORS

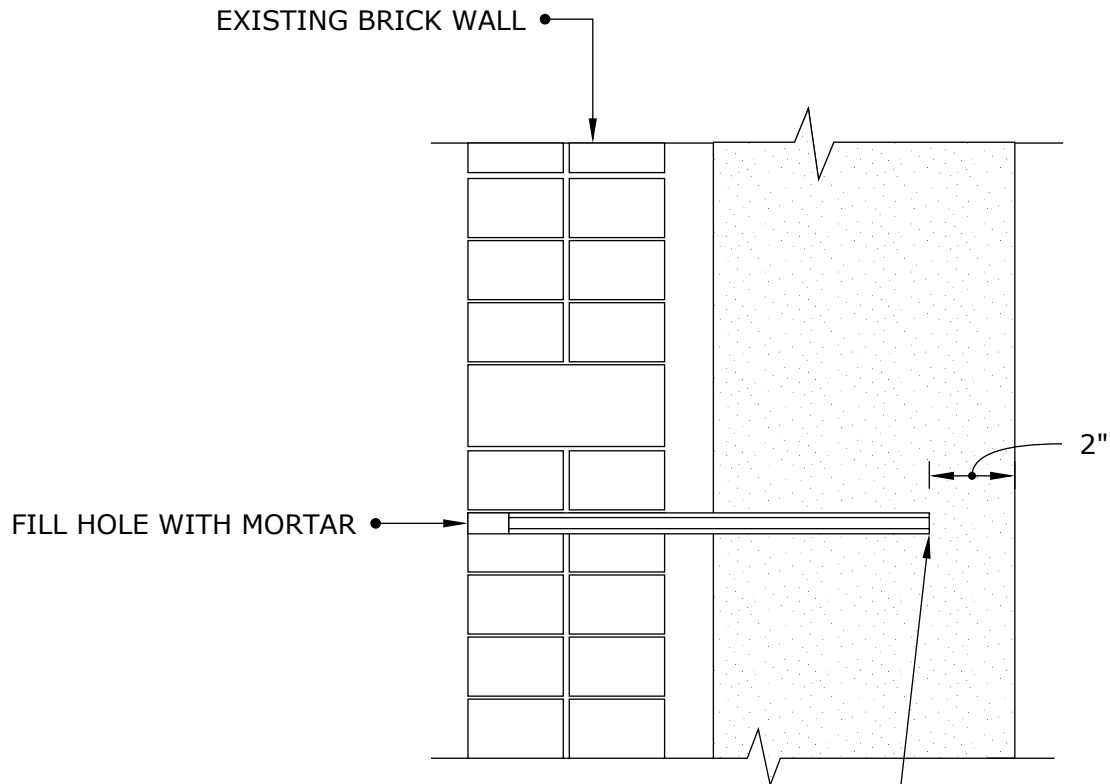


- CINTEC ANCHOR:
 - 36mm (1 3/8") DIA. STAINLESS STEEL THREADED ROD
 - SOCK TO FIT 72mm (2 3/4") DIA. HOLE
 - SOCKED LENGTH TO BE DETERMINED IN FIELD
(TO BE EMBEDDED LENGTH OF STEEL ROD WITHIN WALL)
 - TOTAL ANCHOR LENGTH TO BE CONFIRMED BY CLIENT



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Drawing Title:
EXTERIOR PLATE



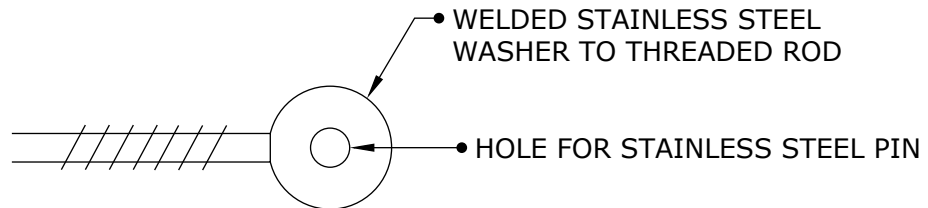
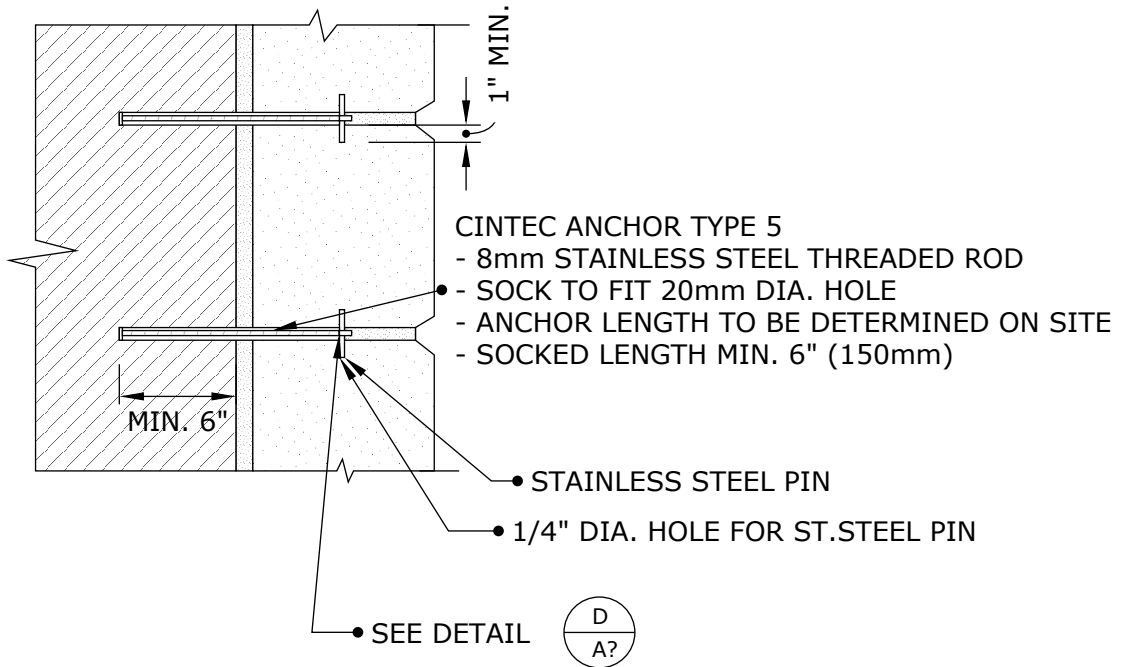
- 10mm x 1mm HOLLOW CIRCULAR SECTION W/END PLATE IN 20mm (3/4") HOLE
- ANCHOR LENGTH TO BE DETERMINED ON SITE
- SOCKED FULL LENGTH



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Drawing Title:

CINTEC ANCHOR



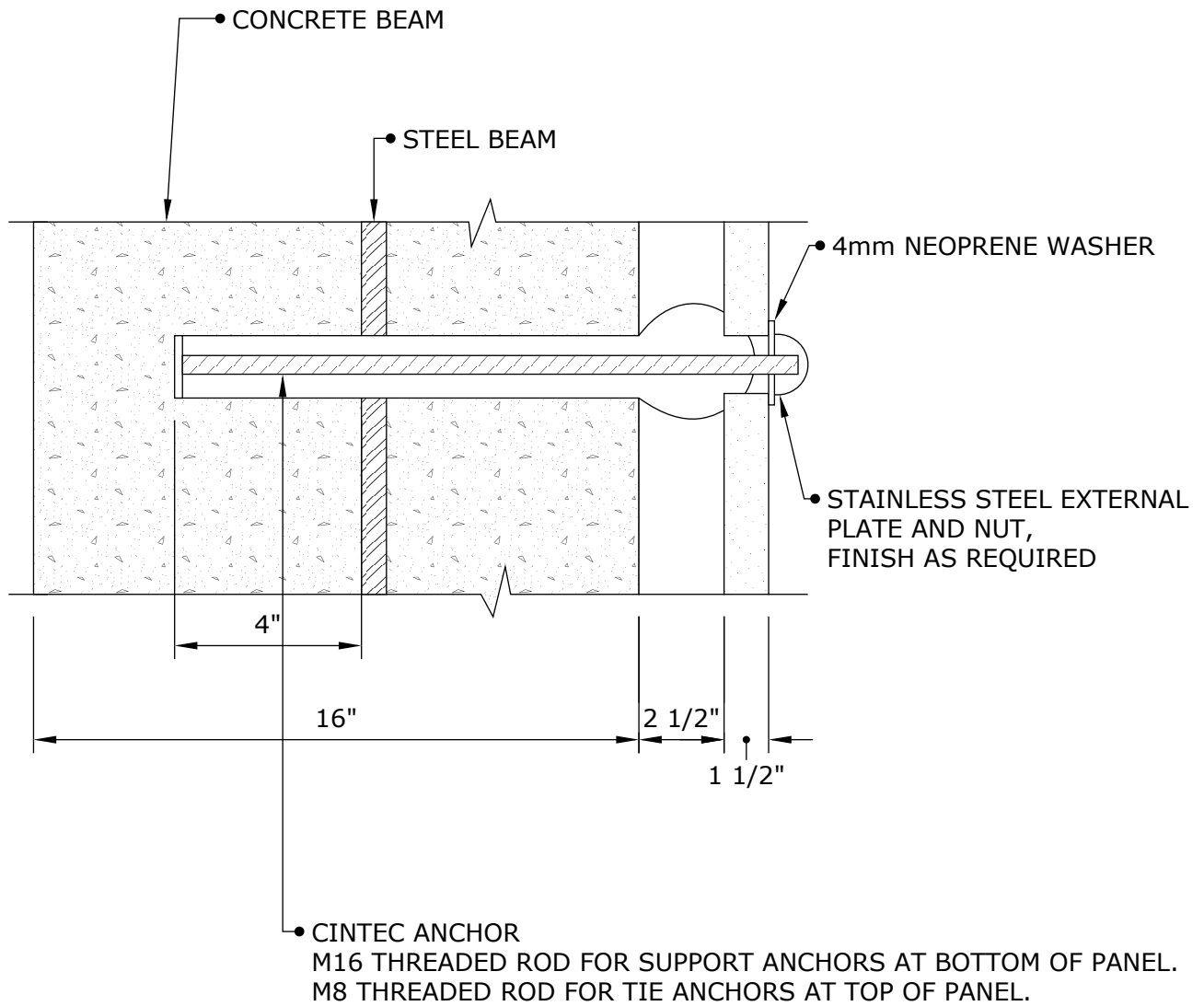
DETAIL A
NTS



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Drawing Title:

**CINTEC ANCHOR
 STONE STABILIZATION**



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Drawing Title:

THIN FACADE SUPPORT ANCHOR

OUTER WYTHE WITH
STONE FACING, TYP.

STONE RUBBLE OR
BRICK BACKUP

DEFORM END OF
THREADED ROD

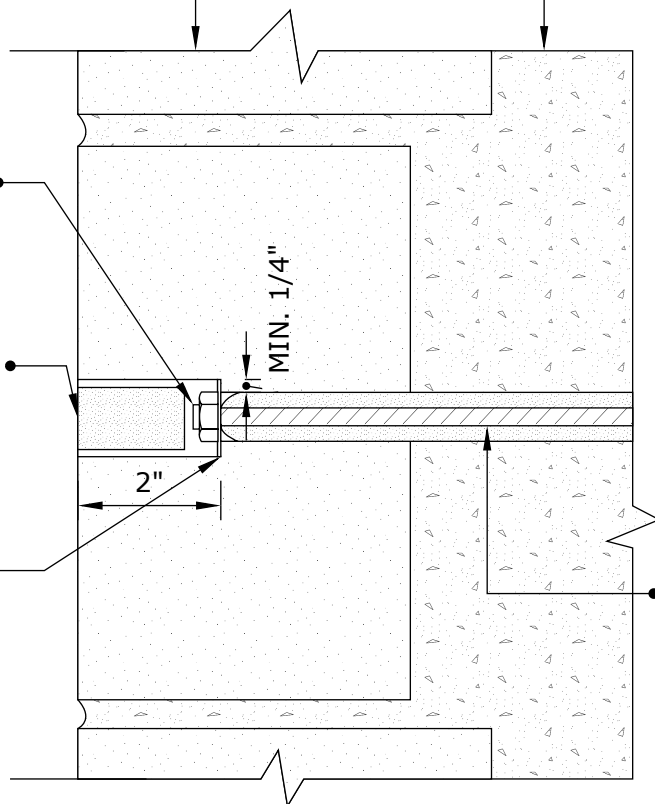
RETAIN AND RESINSTALL STONE
PLUG USING EPOXY.
KEEP EPOXY 1/2" BACK FROM
FACE OF STONE AND POINT
ONCE EPOXY IS SET AND CURED.

OVERSIZED WASHER TO FIT
TIGHTLY IN HOLE.
DRILL HOLE IN WASHER
FOR INJECTION TUBE.

MIN. 1/4"

2"

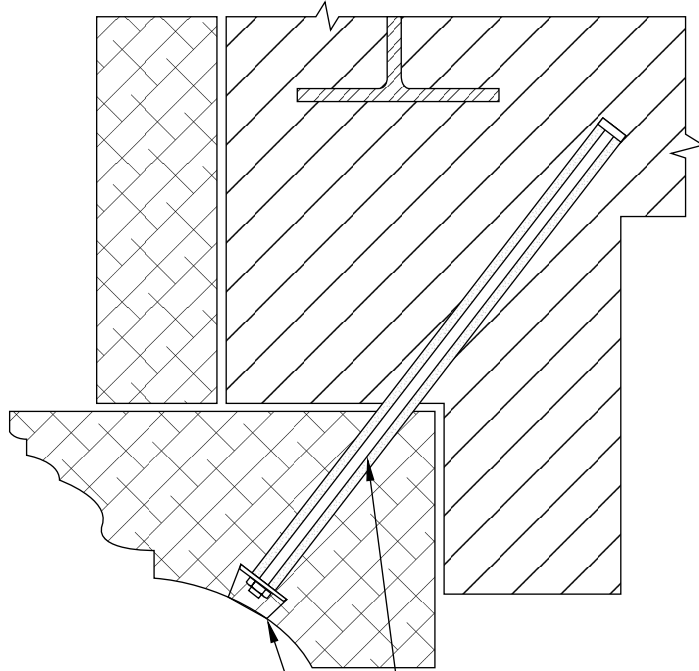
STAINLESS STEEL
ANCHORS



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Fax: 1-613-224-9042
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Drawing Title:

**STONE VENEER
STABILIZATION**



RETAIN AND REINSTALL MARBLE PLUG USING EPOXY,
OR USING MORTAR PLUG TO MATCH EXISTING MARBLE.
KEEP EPOXY 1/2" BACK FROM FACE OF MARBLE
AND POINT ONCE EPOXY IS SET AND CURED. ●

CINTEC ANCHOR:

- STAINLESS STEEL THREADED ROD
- SOCK TO FIT
- SOCK FULL LENGTH
- OVERSIZED WASHER ●



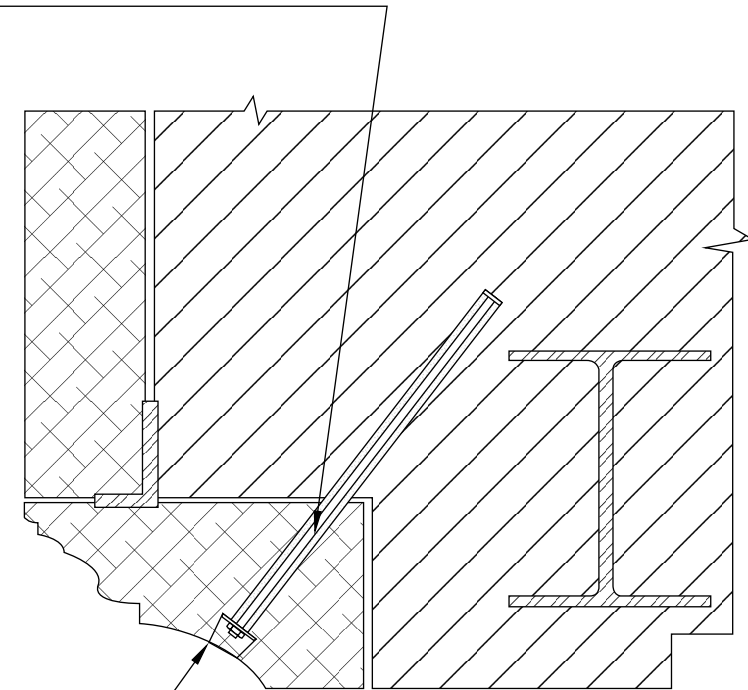
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Drawing Title:

LINTEL ANCHORS

CINTEC ANCHOR:

- STAINLESS STEEL THREADED ROD
- SOCK TO FIT
- SOCK FULL LENGTH
- OVERSIZED WASHER



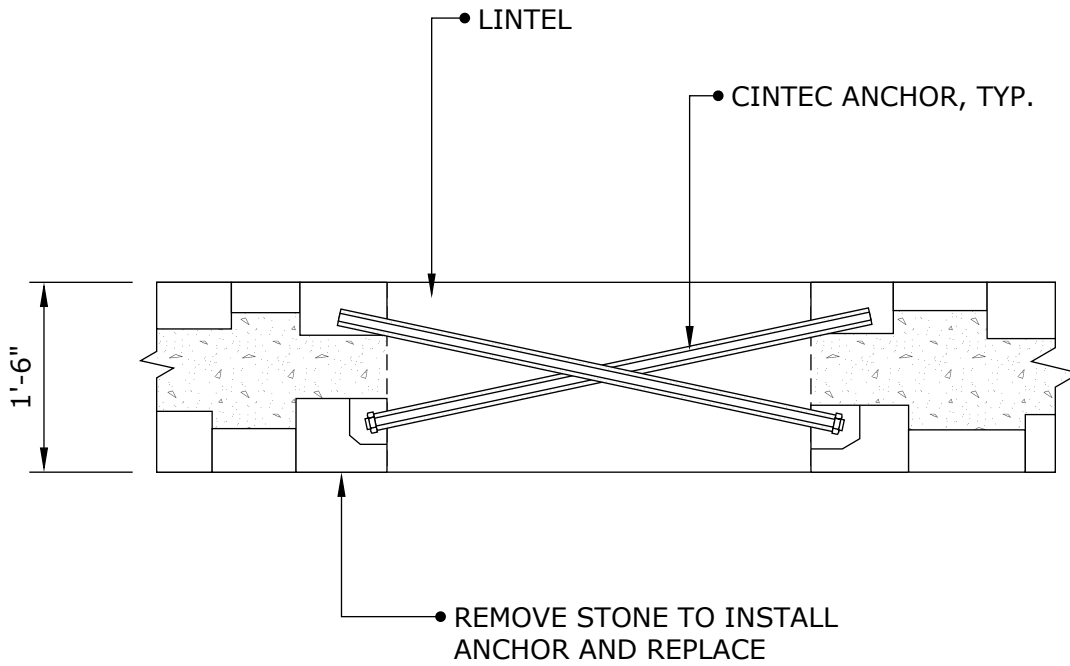
- RETAIN AND REINSTALL MARBLE PLUG USING EPOXY, OR USING MORTAR PLUG TO MATCH EXISTING MARBLE. KEEP EPOXY 1/2" BACK FROM FACE OF MARBLE AND POINT ONCE EPOXY IS SET AND CURED.



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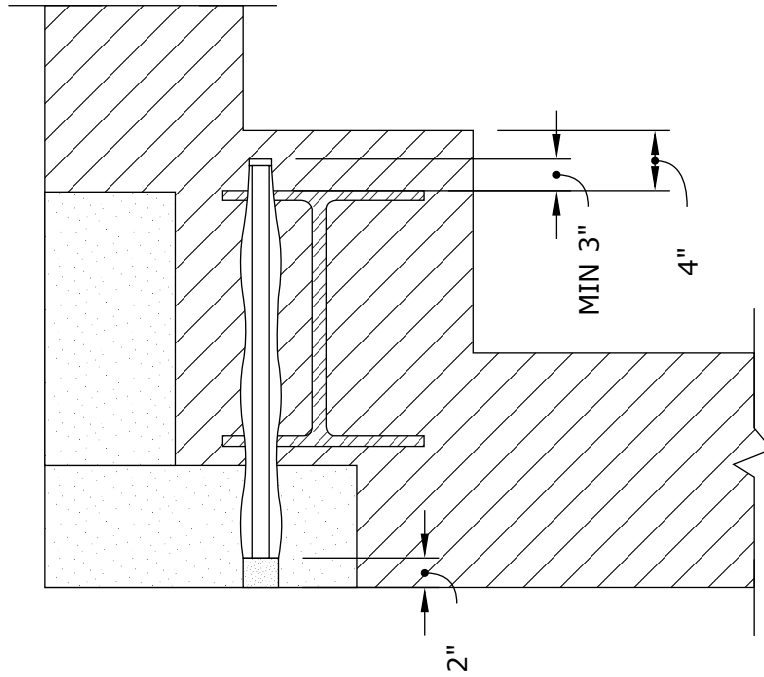
LINTEL ANCHORS



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Drawing Title:

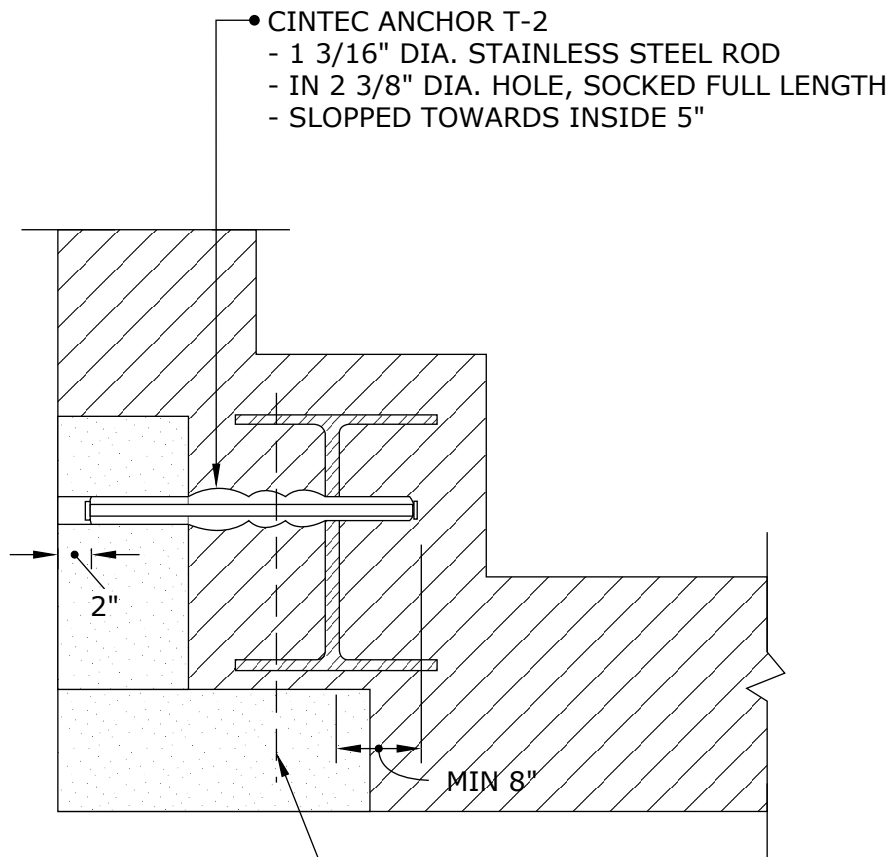
STONE LINTEL ANCHORS



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Drawing Title:

**CORNER STONE
 ANCHORAGE**



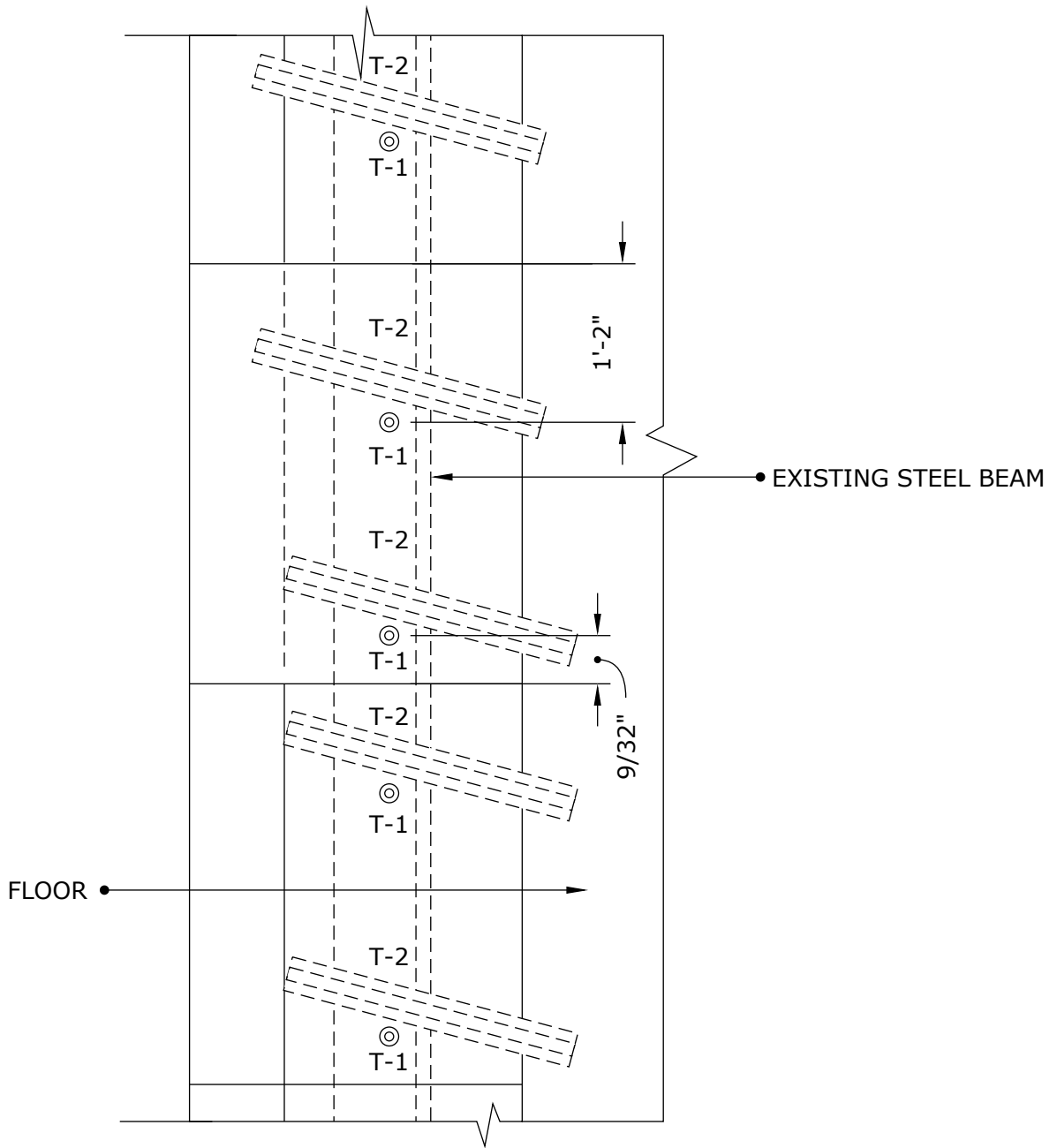
• ANCHOR T-1 BELOW.
 ALLOW 2 1/2" CENTER TO CENTER
 BETWEEN ANCHORS AT INTERSECTION.



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Drawing Title:

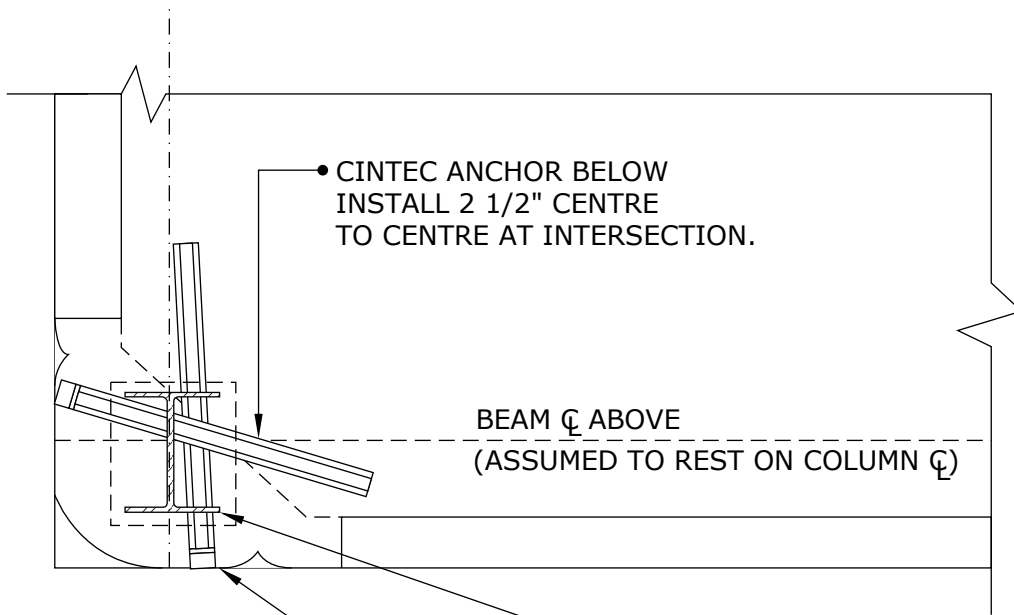
**CORNER STONE
 ANCHORAGE**



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Drawing Title:

**CORNER STONE
 ANCHORAGE**



• CINTEC ANCHOR BELOW
INSTALL 2 1/2" CENTRE
TO CENTRE AT INTERSECTION.

BEAM ζ ABOVE
(ASSUMED TO REST ON COLUMN ζ)

- CINTEC ANCHOR:
 - 30mm \emptyset STAINLESS STEEL ROD (1 1/4" \emptyset)
 - 60mm \emptyset HOLE (2 1/2" \emptyset)
 - SOCKED FULL LENGTH

RETAIN AND REINSTALL STONE
PLUG USING EPOXY.
KEEP EPOXY 1/2" BACK FROM
FACE OF STONE AND POINT
ONCE EPOXY IS SET AND CURED,
OR COLOR MATCHED MORTAR PLUG.

NOTES:

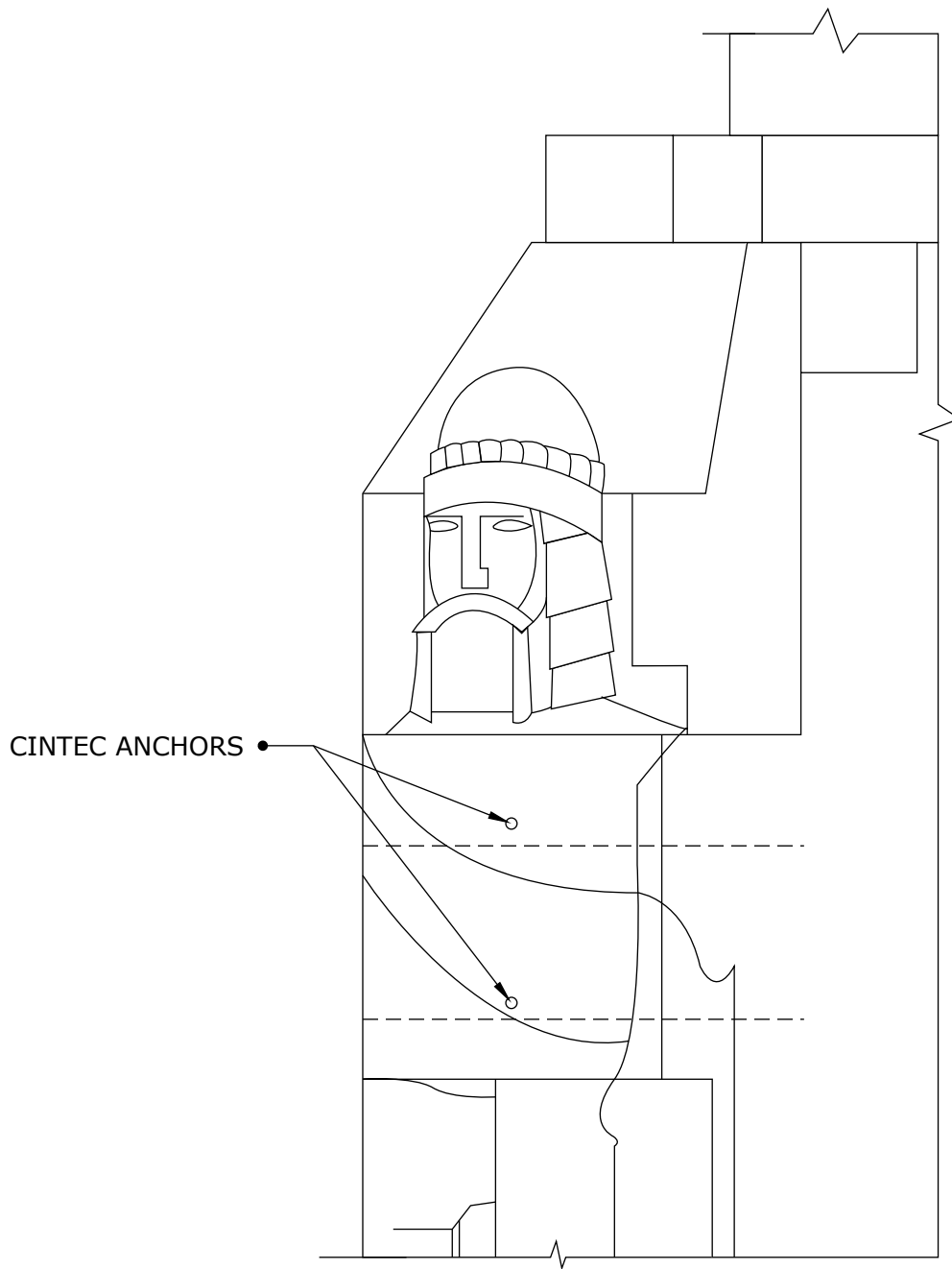
1. ORIENTATION OF STEEL COLUMN SHOULD BE DETERMINED PRIOR TO ANCHOR INSTALLATION.
2. IN EACH PAIR OF ANCHORS UPPER ANCHOR SHALL BE INSTALLED THROUGH BOTH COLUMN FLANGES.



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Drawing Title:

**CORNER STONE
ANCHORAGE**



NOTES:

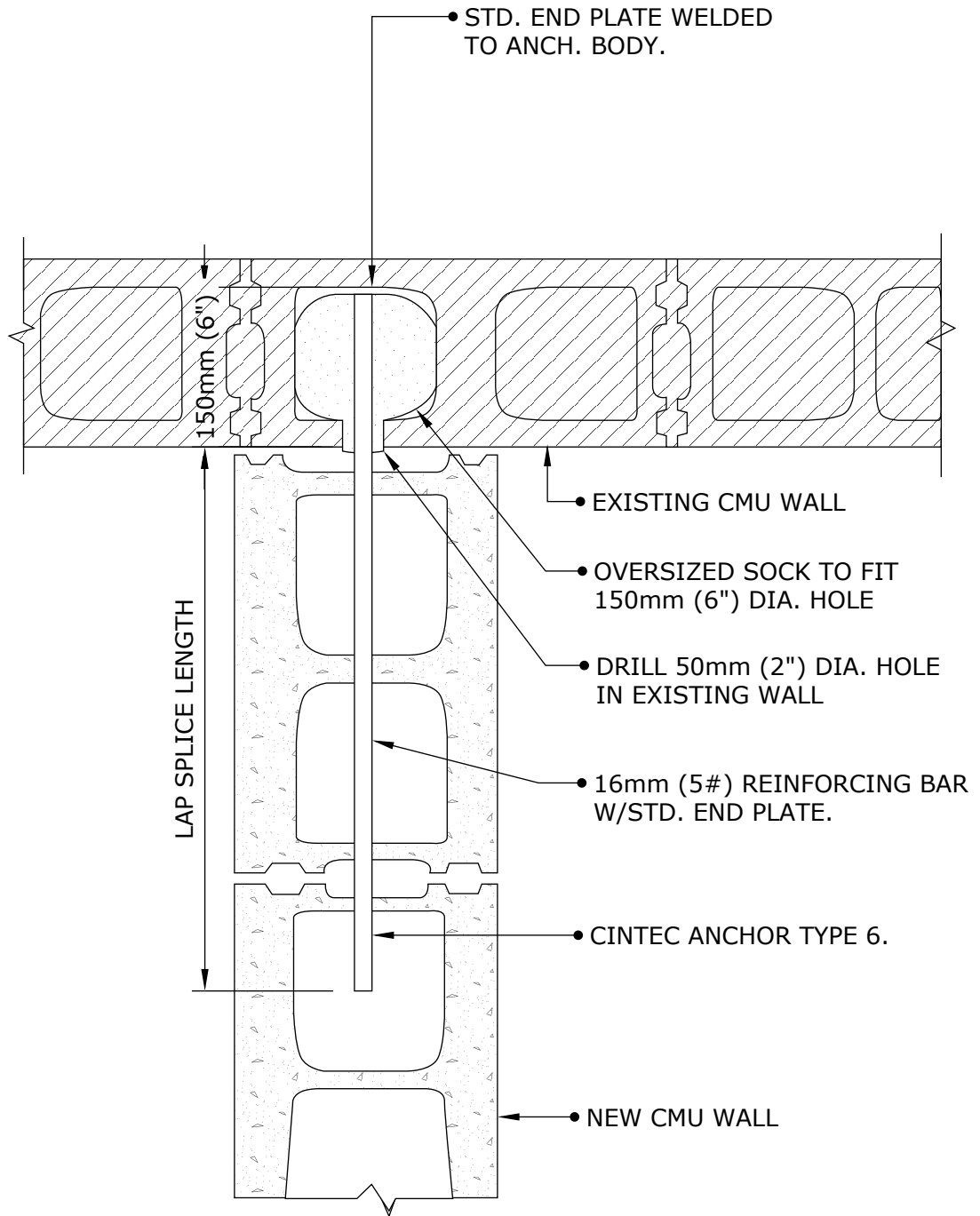
- 4 CINTEC ANCHORS PER STONE



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CINTEC Structural Solutions
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 Fax: 1-613-224-9042
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Drawing Title:

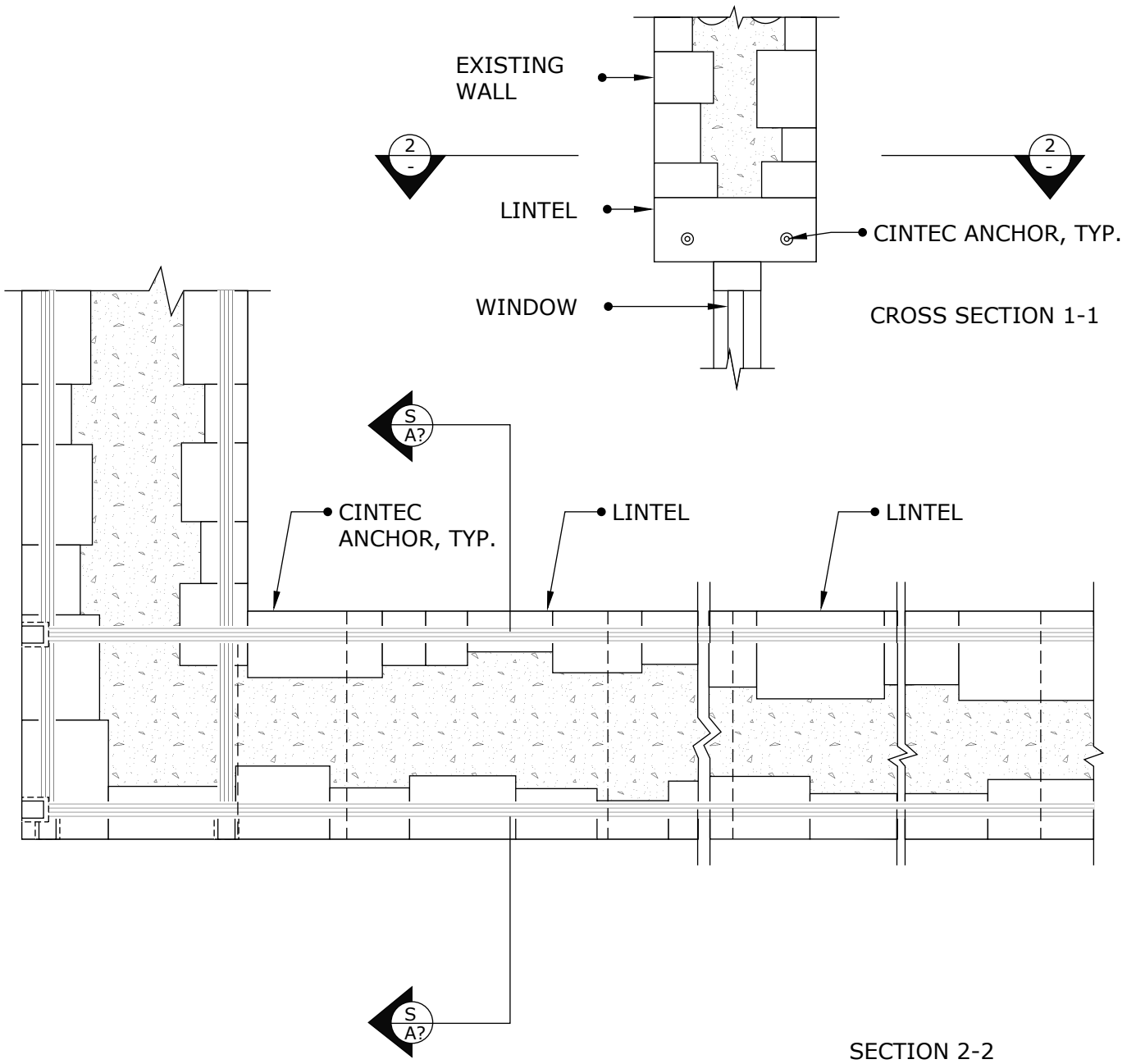
**CORNER STONE
 ANCHORAGE**



Engineered Grout Injection Anchors by:
CINTEC Structural Solutions
 Tel: 1-410-761-0765
 1-613-225-3381
 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

CINTEC ANCHOR

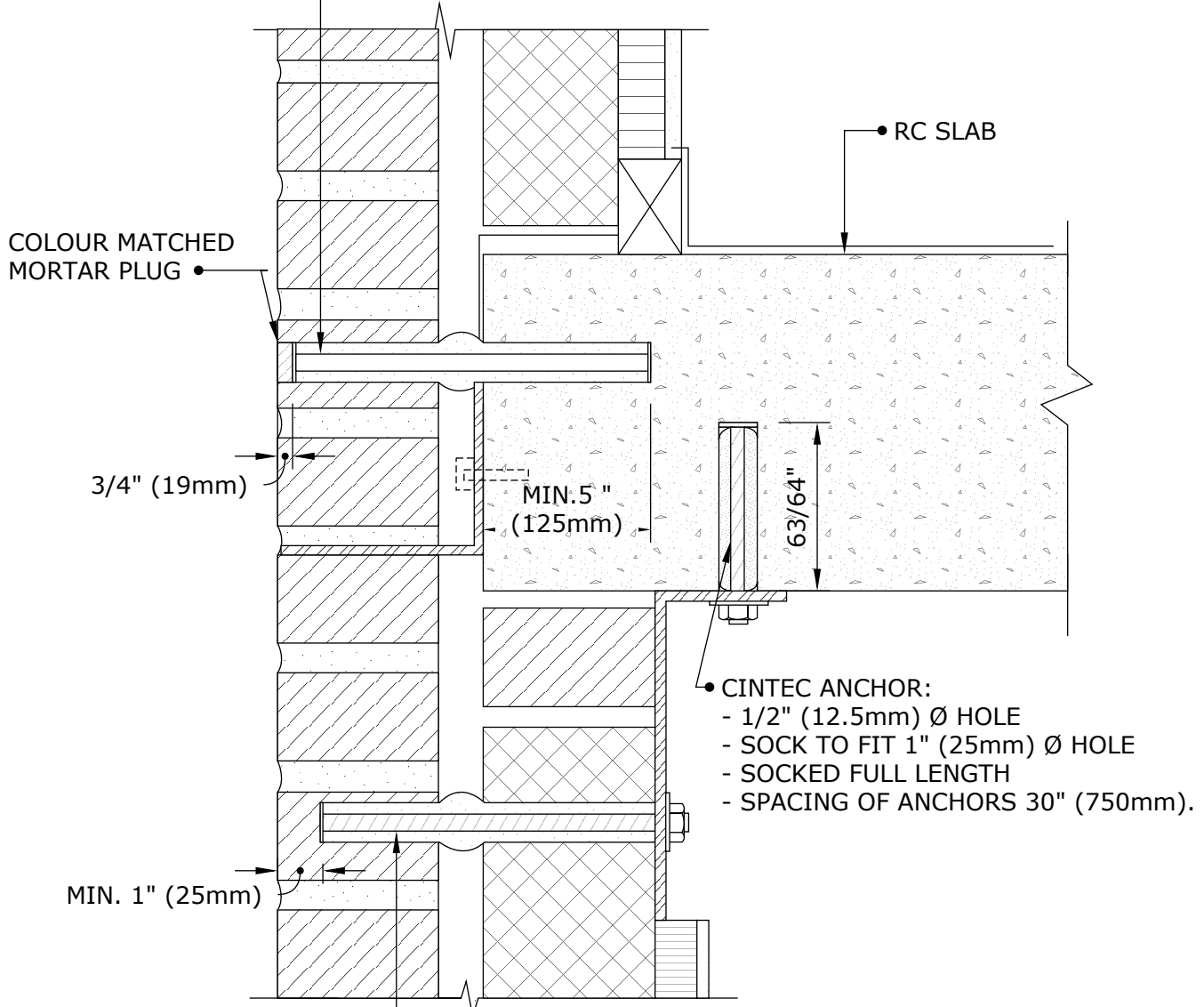


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 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

**CREATE "BELT COURSE"
 AROUND BUILDING**

- CINTEC ANCHOR:
 - 1" (25mm) DIA. STAINLESS STEEL ROD.
 - SOCK TO FIT 2" (50mm) DIA. HOLE
 - SOCKED FULL LENGTH
 - ANCHOR LENGTH WILL BE DETERMINED BY CLIENT
 - SPACING OF ANCHORS 18" (450mm).



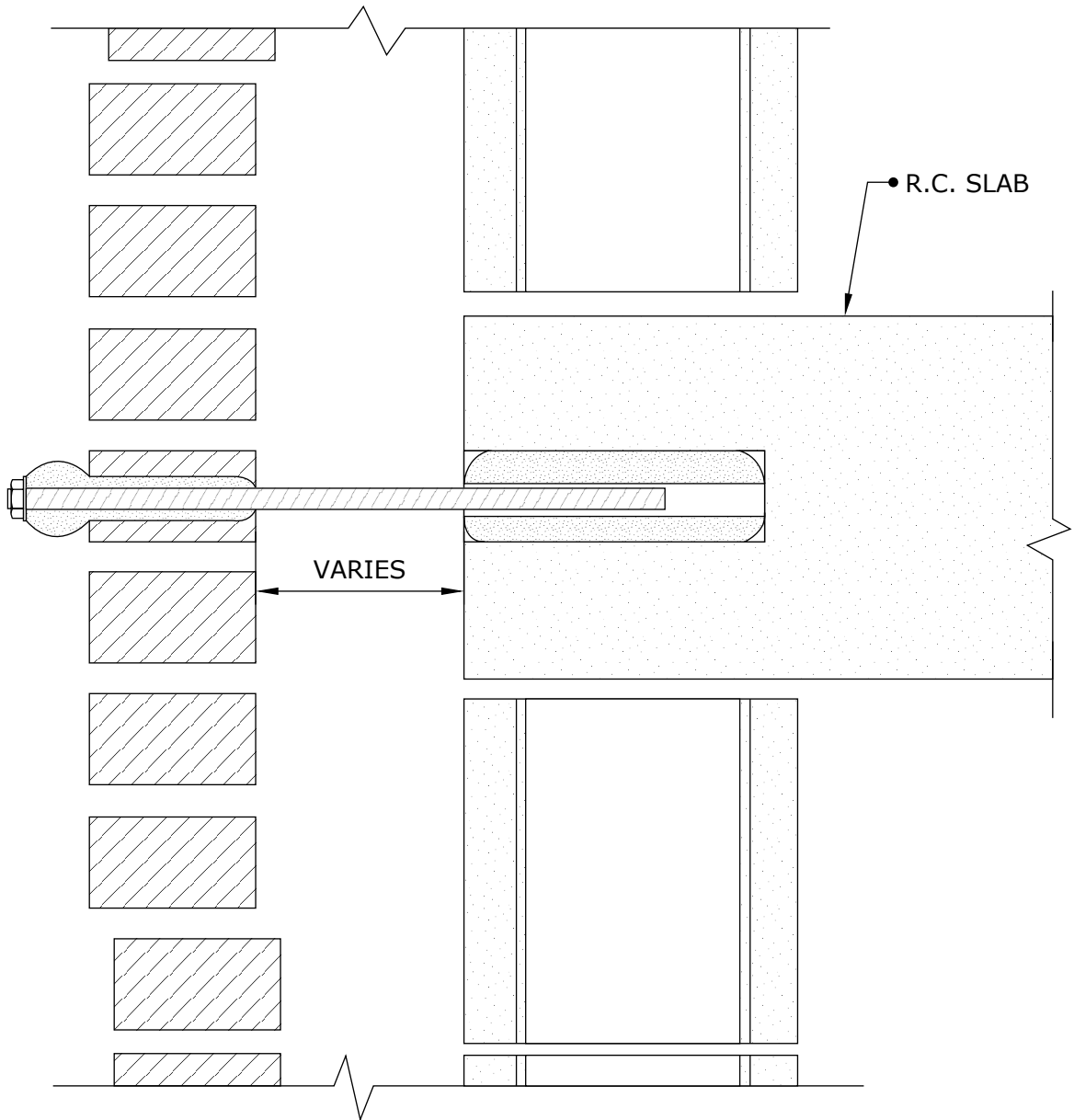
- CINTEC ANCHOR:
 - 1/2" (12.5mm) Ø HOLE
 - SOCK TO FIT 1" (25mm) Ø HOLE
 - SOCKED FULL LENGTH
 - SPACING OF ANCHORS 30" (750mm).

- CINTEC ANCHOR:
 - 5/8" (16mm) DIA. ST. ST. THREADED ROD.
 - SOCK TO FIT 1 1/4" (30mm) DIA. HOLE
 - SOCKED FULL LENGTH
 - ANCHOR LENGTH WILL BE DETERMINED BY CLIENT
 - SPACING OF ANCHORS 30" (750mm)



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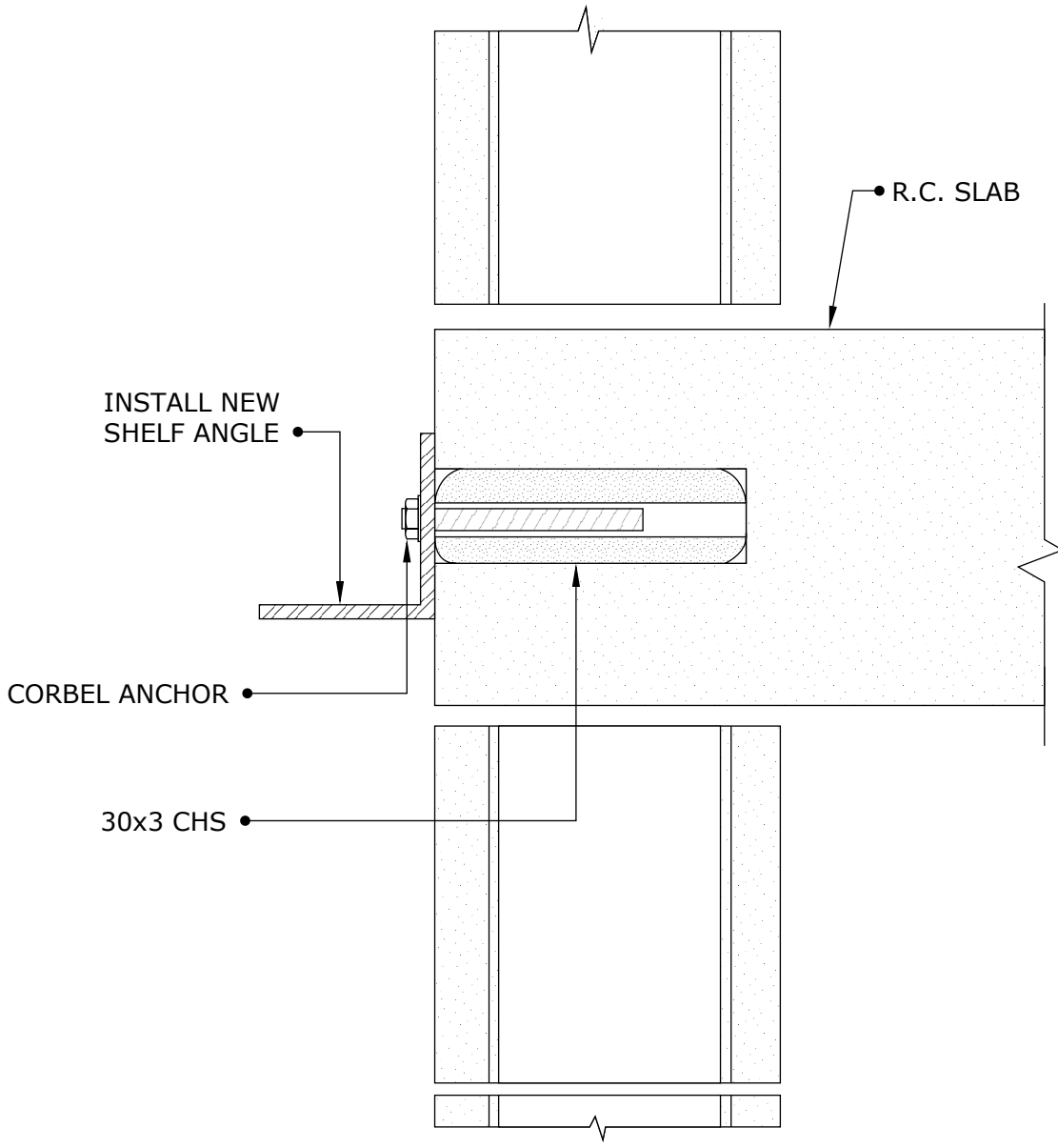
Drawing Title:
**BRICK PANEL
 STABILIZATION
 ANCHORS**



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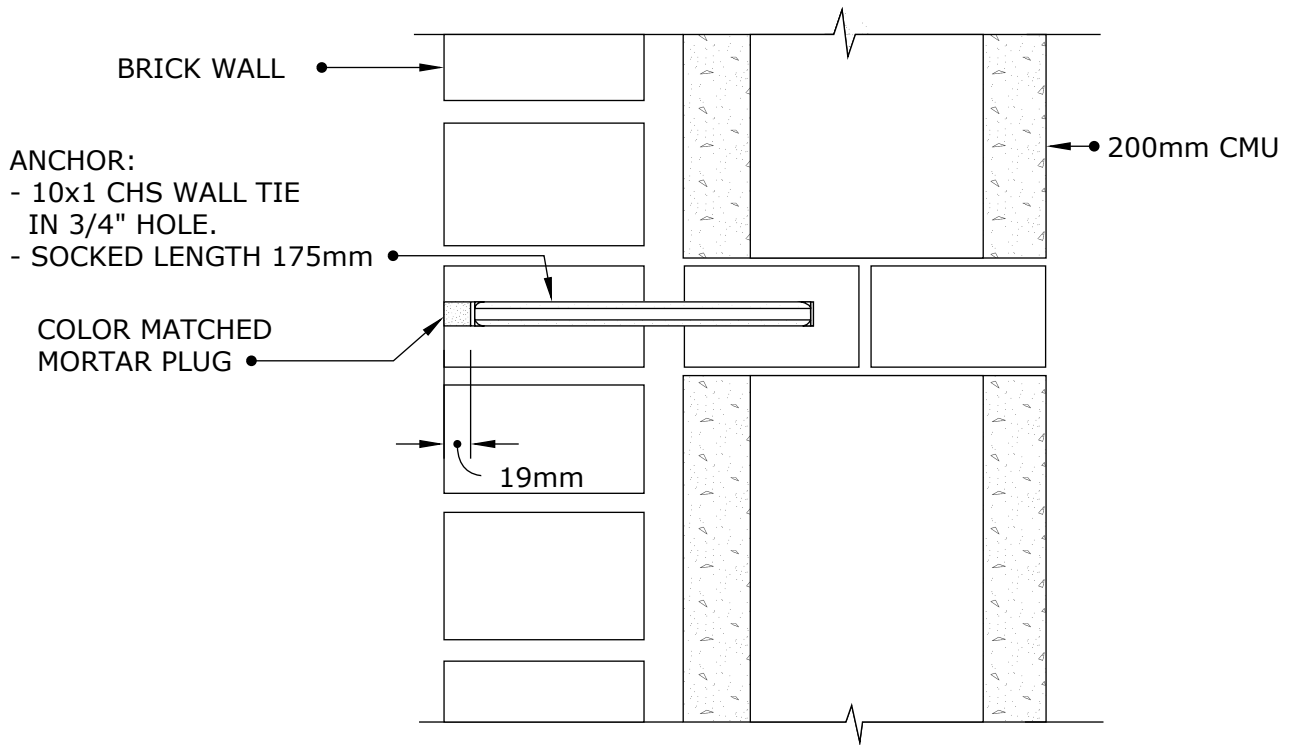
Drawing Title:

**BRICK PANEL
 STABILIZATION
 ANCHORS**



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 Fax: 1-613-224-9042
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Drawing Title:
CORBEL ANCHOR



NOTES:

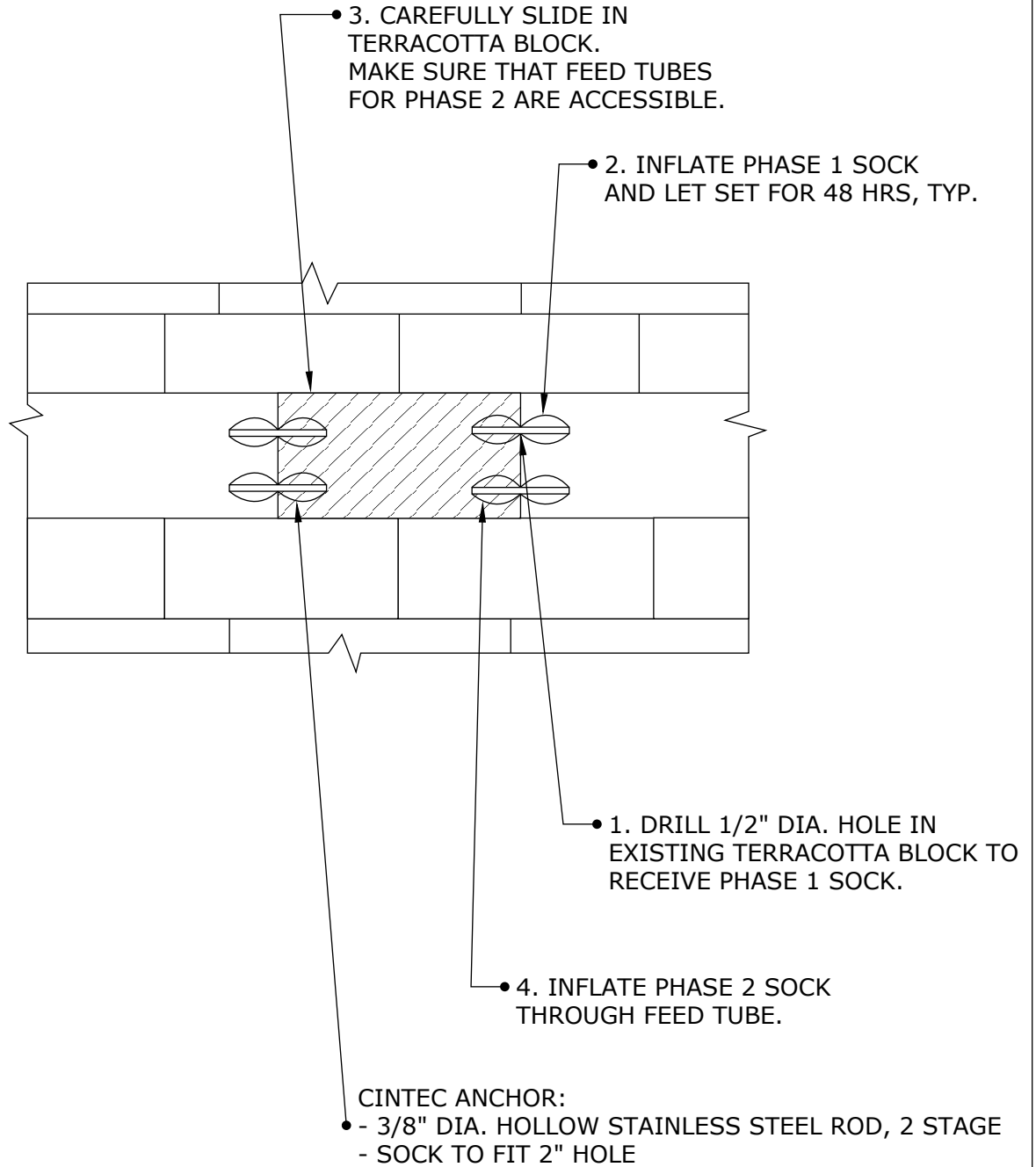
1. WALL TIE ANCHOR TO BE INSTALLED AT 600mm VERTICAL SPACING AND 1000mm HORIZONTAL SPACING
2. ANCHORS SHOULD BE INSTALLED IN BRICK HEADER COURSES OR CONCRETE BLOCK



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 Fax: 1-613-224-9042
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Drawing Title:

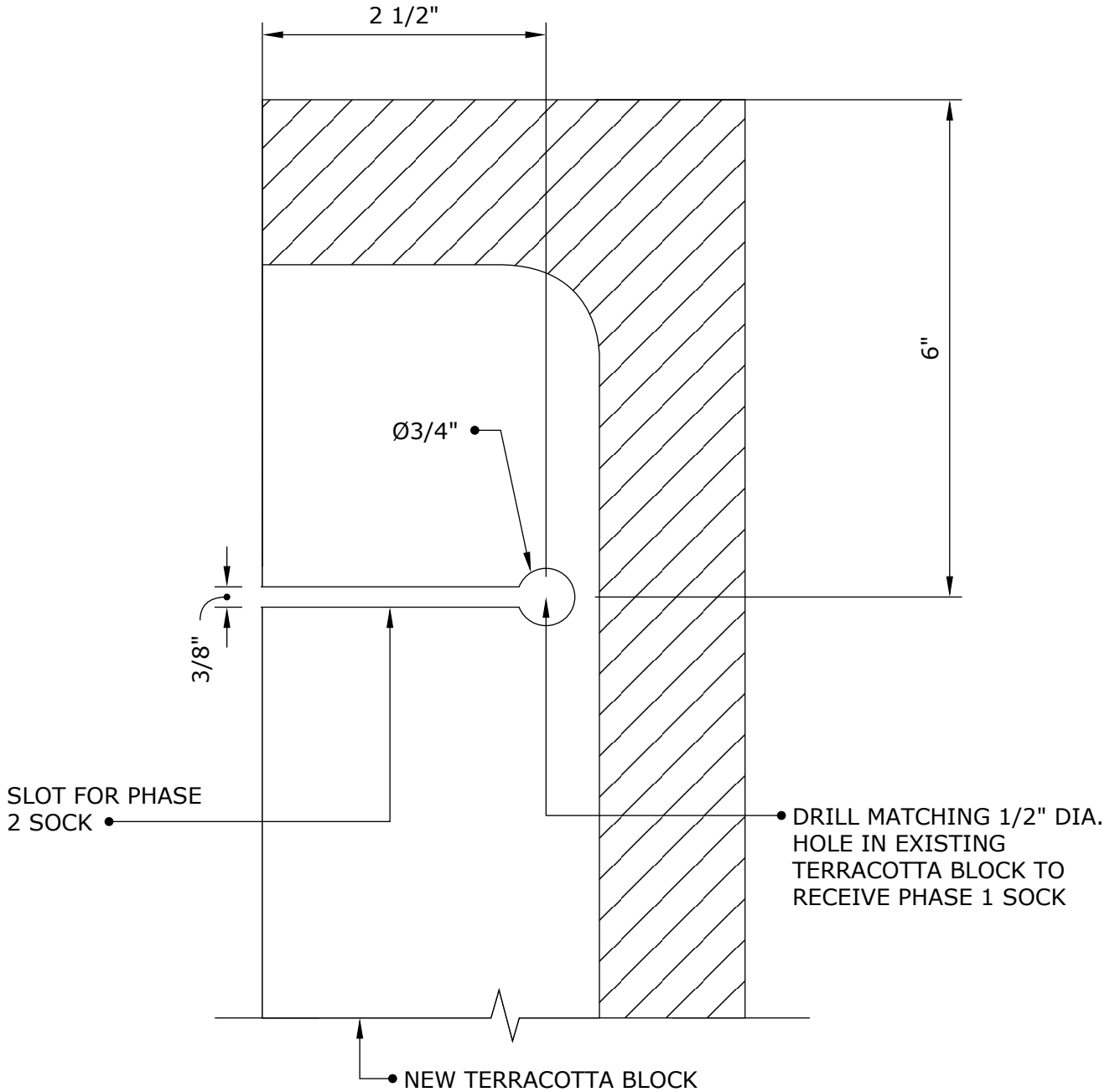
**BRICK WALL
 STABILIZATION**



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Drawing Title:

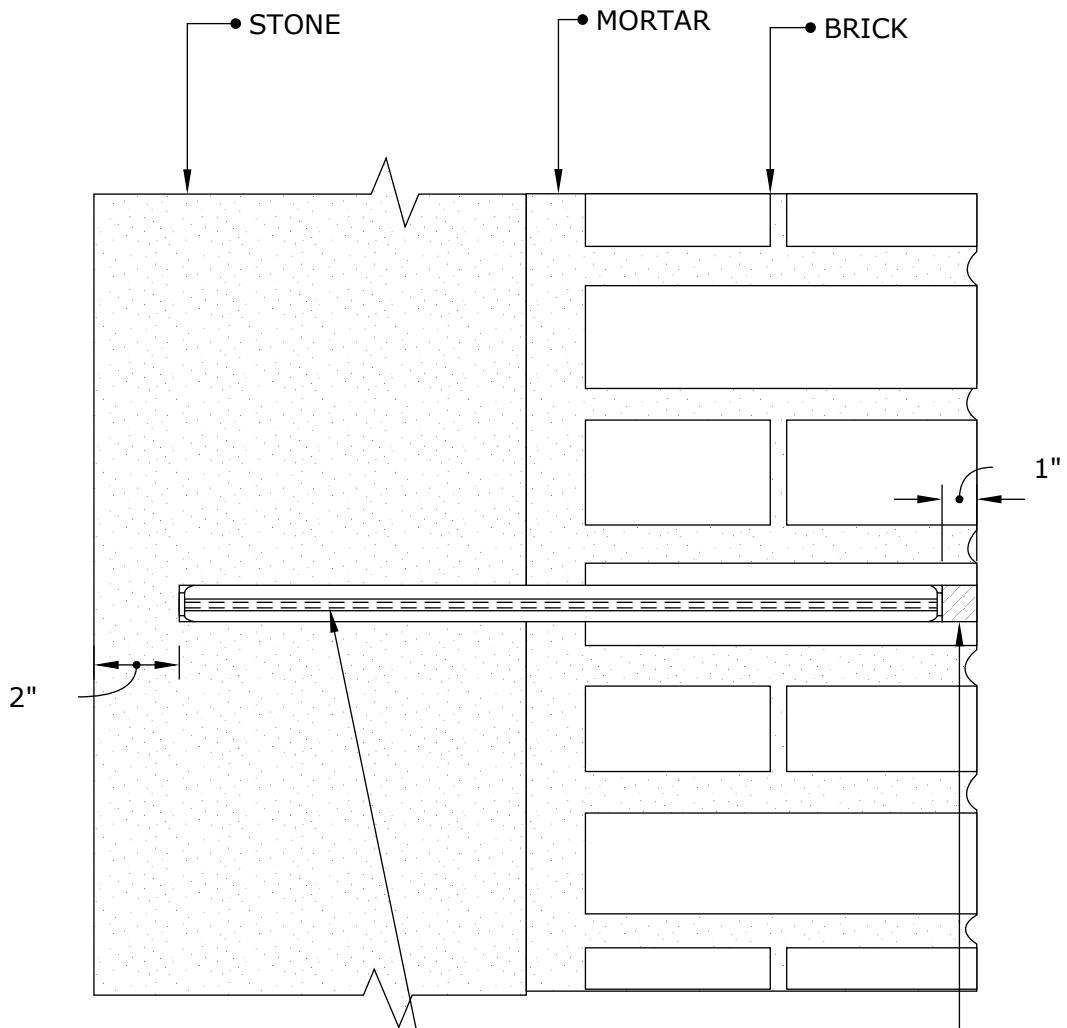
**NEW TERRACOTTA
 BLOCK INSTALLATION**



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 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

**NEW TERRACOTTA
 BLOCK INSTALLATION
 DETAIL**



CINTEC ANCHOR:

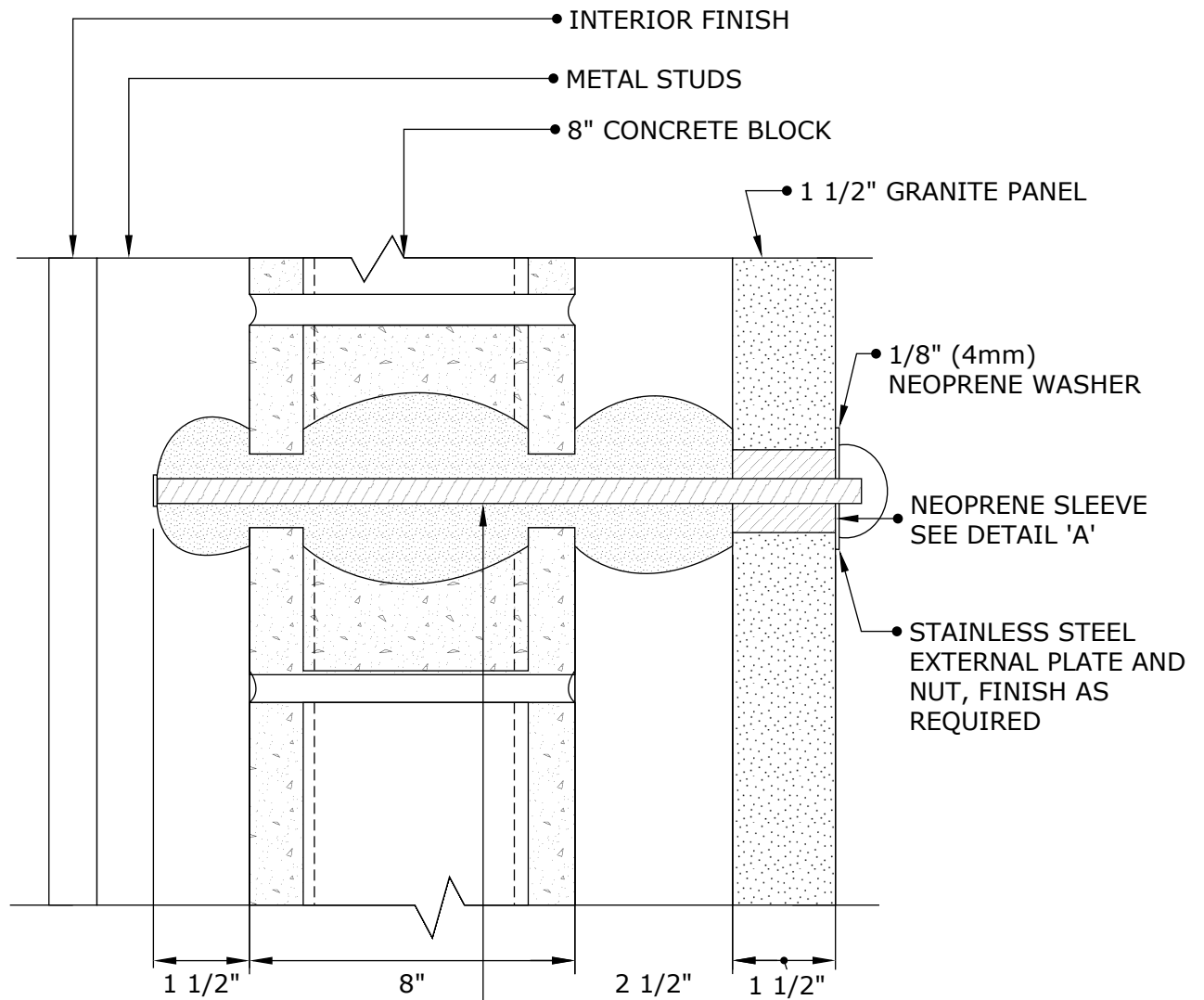
- 3/8" DIA. CHS
- SOCKED FULL LENGTH
- LENGTH TO BE DETERMINED ON SITE



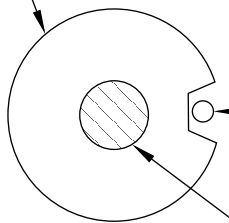
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 E-mail: solutions@cintec.com

Drawing Title:

CINTEC ANCHOR



NEOPRENE SLEEVE



DETAIL A

- SUPPORT ANCHORS AT BOTTOM OF PANEL:
- 7/8" Ø (22mm) STAINLESS STEEL THREADED ROD
 - OVERSIZED SOCK IN 1 3/4" Ø HOLE
 - SOCKED LENGTH 12" (300mm)

• GROUT TUBE

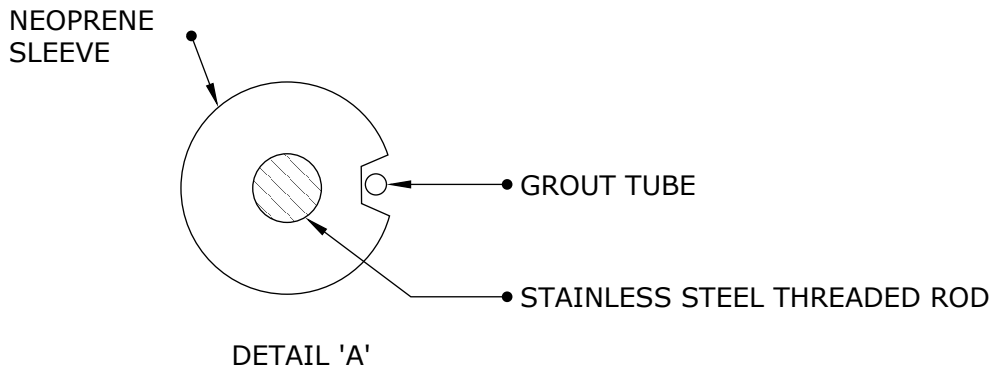
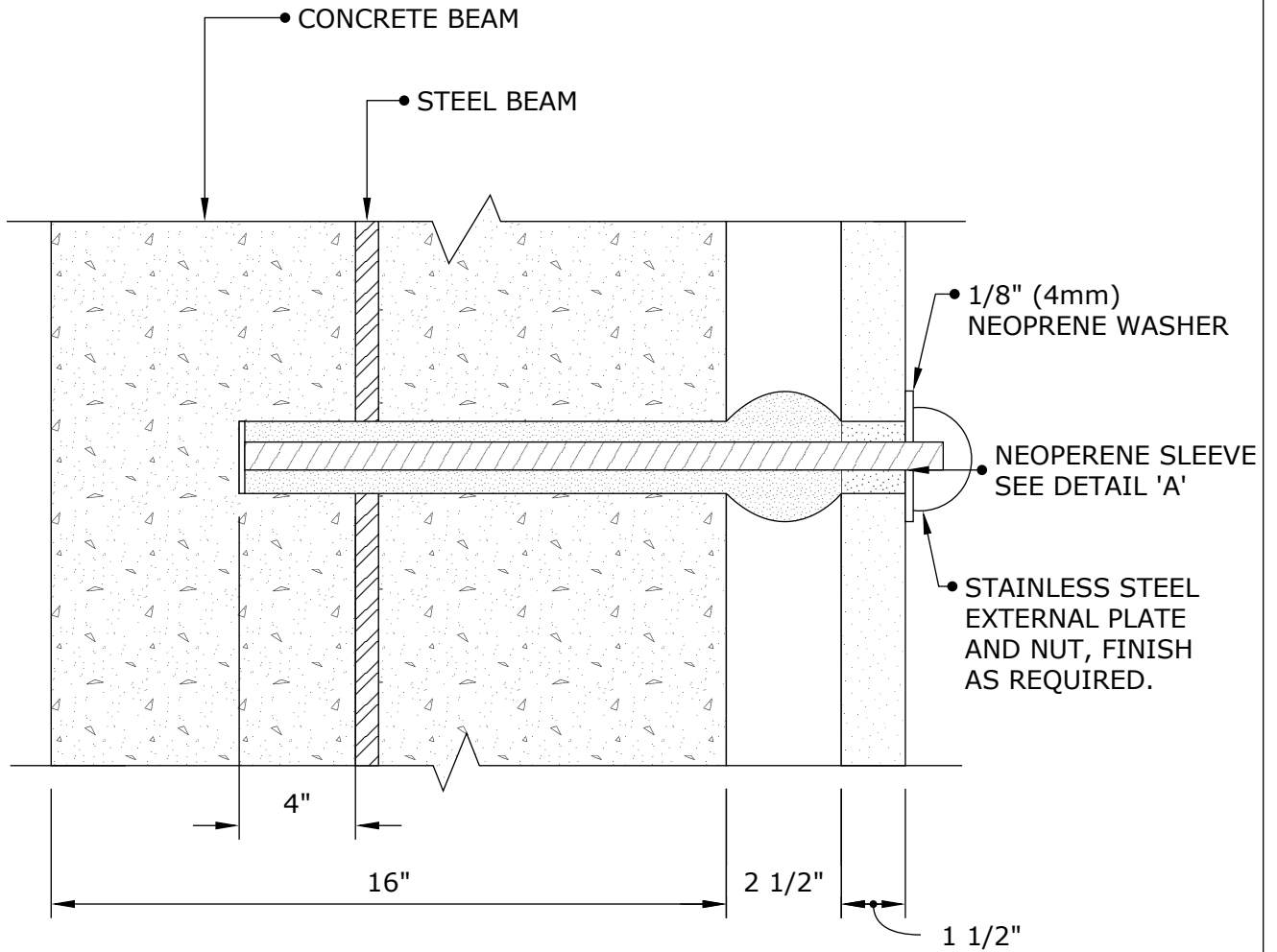
• STAINLESS STEEL THREADED ROD



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Drawing Title:

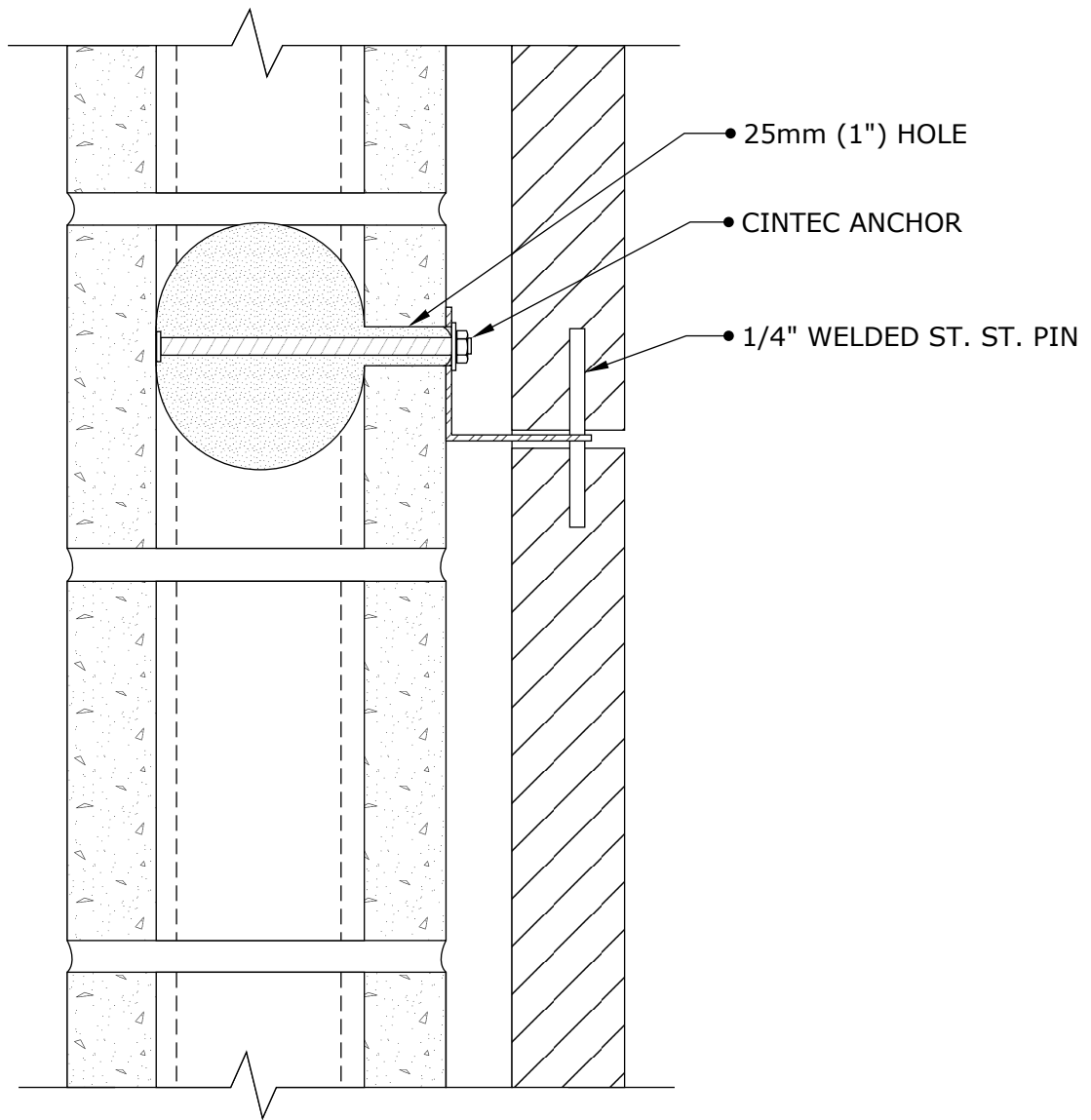
**PANEL SUPPORT
 ANCHOR IN CONCRETE
 BLOCK**



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Drawing Title:

**PANEL SUPPORT
 ANCHOR IN CONCRETE
 BEAM**



CINTEC ANCHOR

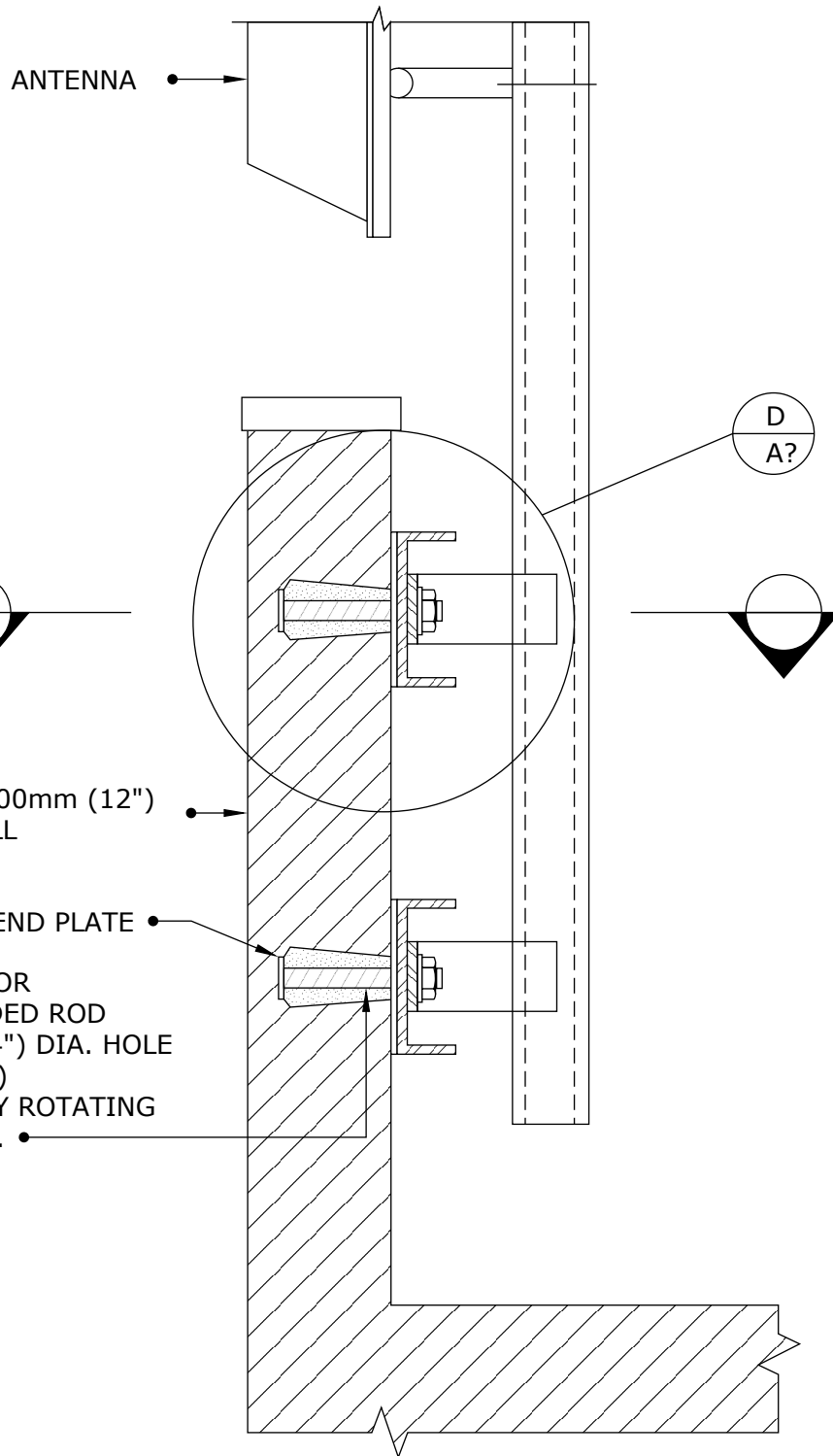
- 10mm (3/8") THREADED ROD W/STD. END PLATE C/W WASHER AND NUT AS PER DETAIL
- OVERALL LENGTH 200mm (8")
- SOCKED LENGTH 160mm (6 1/4")
- OVERSIZED SOCK TO FIT 150mm (6") DIA. HOLE
- DRILL HOLE DIA. 25mm (1")



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Drawing Title:

**STONE ANCHORING
 DETAIL**



ANTENNA

200mm (8") OR 300mm (12")
SOLID BRICK WALL

STANDARD END PLATE

- 16mm (5/8") CINTEC ANCHOR
- STAINLESS STEEL THREADED ROD
 - SOCK TO FIT 32mm (1 1/4") DIA. HOLE
 - SOCK LENGTH 150mm (6")
 - UNDER-CUT HOLE BY 5" BY ROTATING THE TIP OF THE DRILL BIT.

NOTE:
ANTENNA MOUNTING
ASSEMBLY BY OTHERS

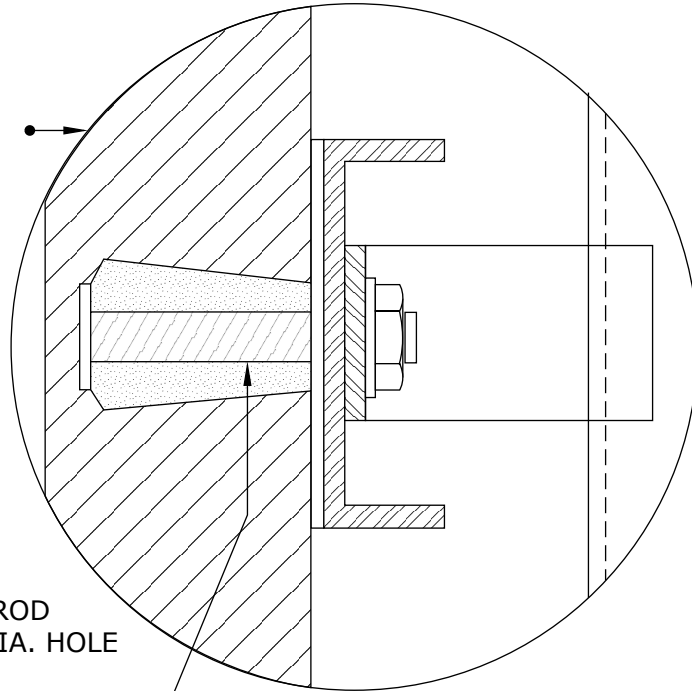


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Fax: 1-613-224-9042
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Drawing Title:

**CINTEC ANCHOR
TYPICAL DETAIL**

200mm (8") OR 300mm (12")
SOLID BRICK WALL

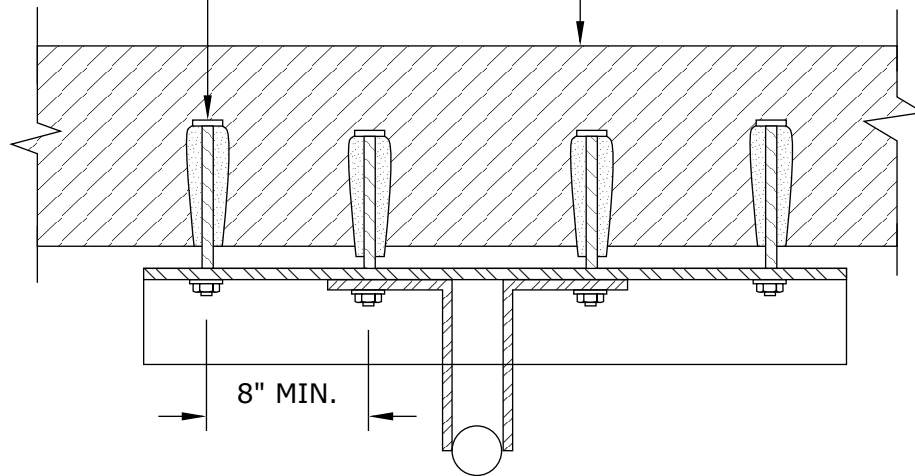


- 16mm (5/8") CINTEC ANCHOR
- STAINLESS STEEL THREADED ROD
 - SOCK TO FIT 32mm (1 1/4") DIA. HOLE
 - SOCK LENGTH 150mm (6")
 - UNDER-CUT HOLE BY 5" BY ROTATING THE TIP OF THE DRILL BIT.

DETAIL A

CINTEC ANCHOR
UNDER-CUT, TYP.

200mm (8") OR 300mm (12")
SOLID BRICK WALL



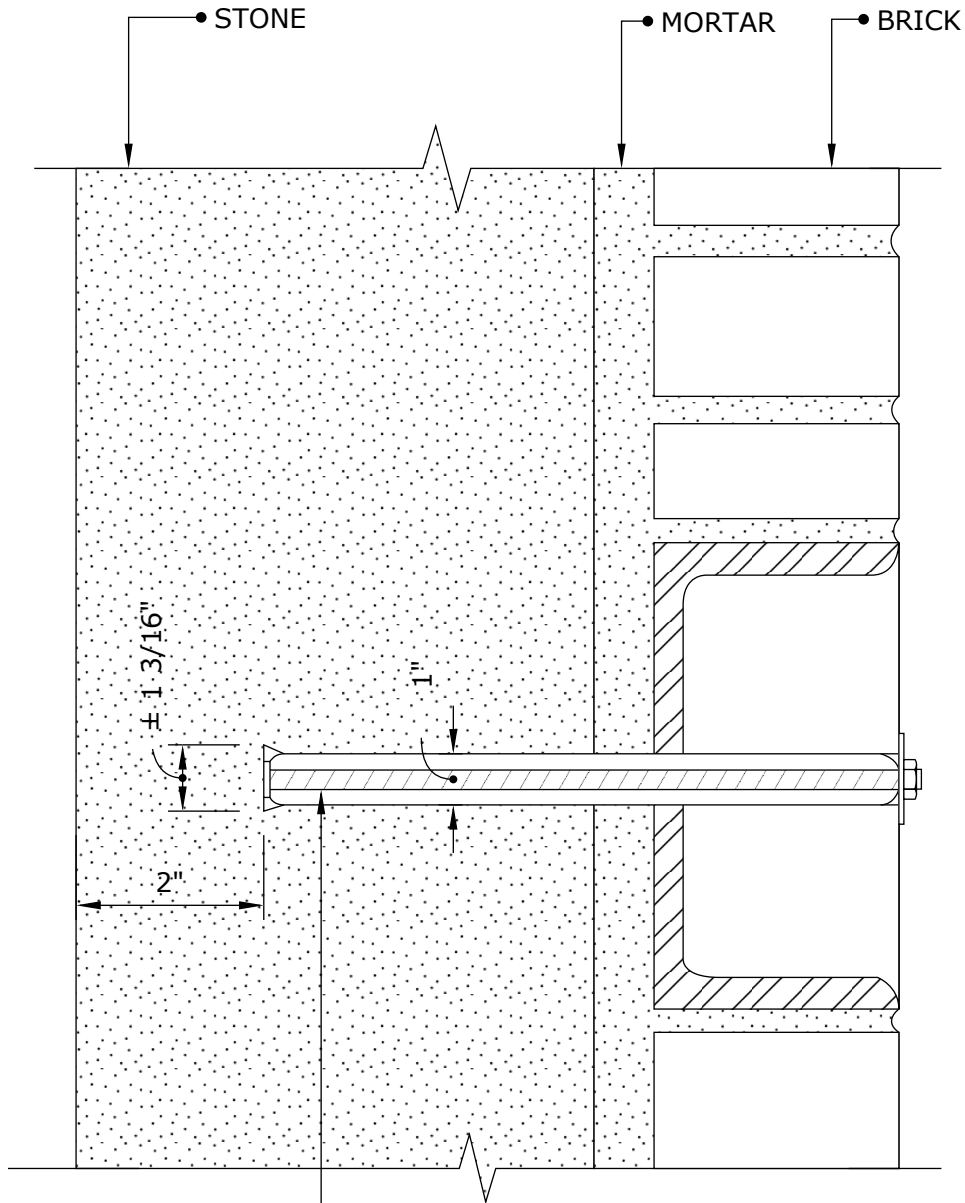
SECTION 1-1



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Fax: 1-613-224-9042
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Drawing Title:

**CINTEC ANCHOR
TYPICAL DETAIL**



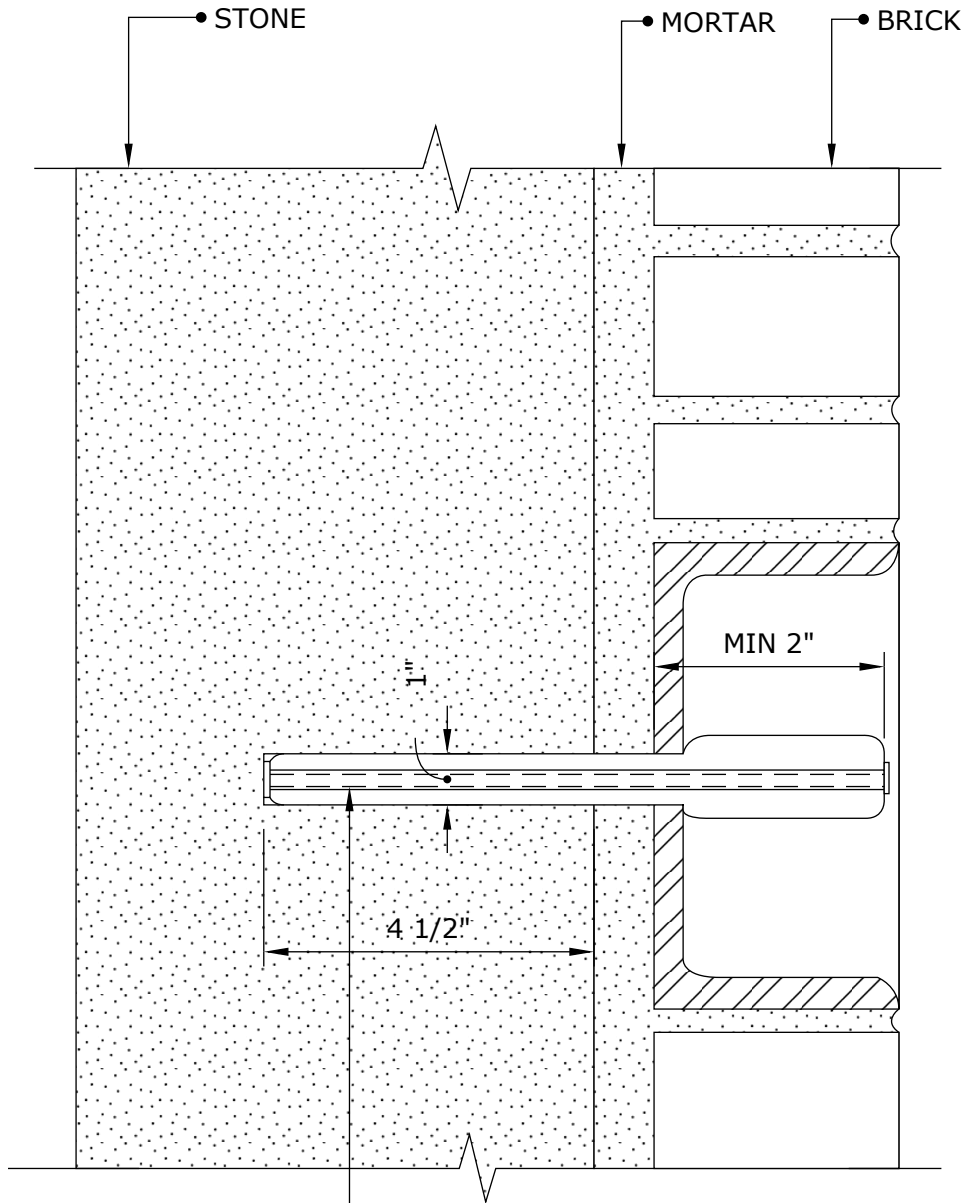
- CINTEC ANCHOR:
 - 3/8" STAINLESS STEEL THREADED ROD
 - 1-3/4" FRONT WASHER AND NUT
 - 3/4" DIA. BACK PLATE
 - SOCKED FULL LENGTH
 - LENGTH TO BE DETERMINED ON SITE



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Drawing Title:

CINTEC ANCHOR



- CINTEC ANCHOR:
- 3/8" Ø CHS
- SOCKED FULL LENGTH
- LENGTH TO BE DETERMINED ON SITE

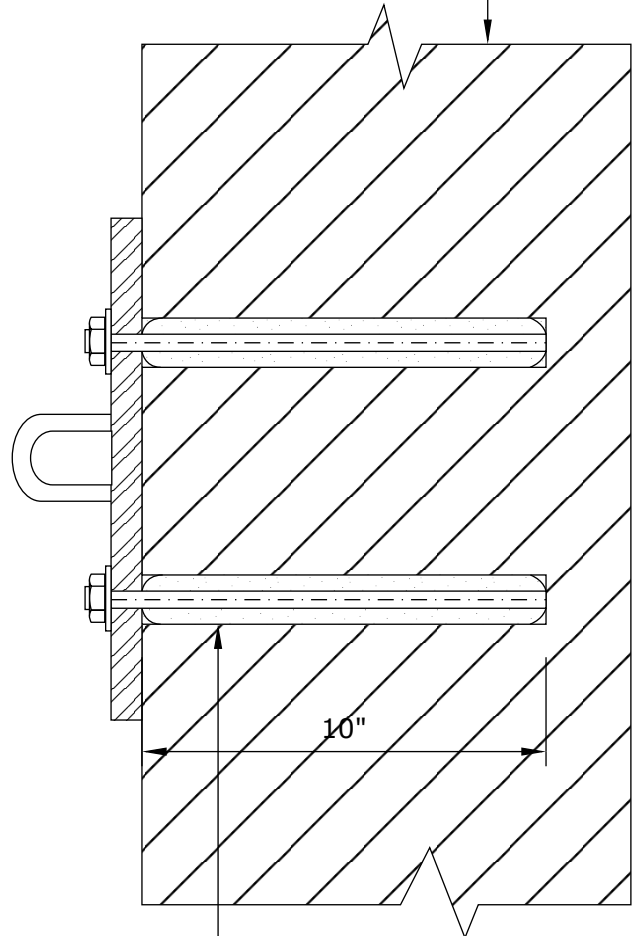
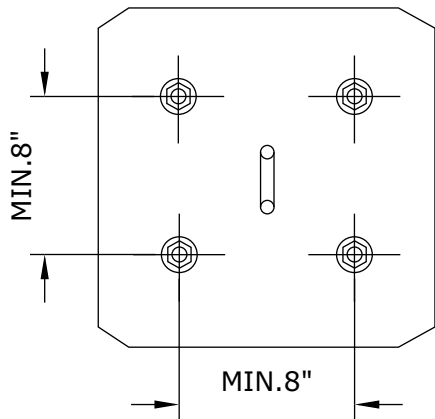


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Drawing Title:

CINTEC ANCHOR

EXISTING SOLID BRICK WALL



- CINTEC ANCHOR:
- 3/4"Ø STAINLESS STEEL ROD
- SOCK TO FIT IN 2"Ø HOLE
- SOCKED FULL LENGTH
- 10" LONG

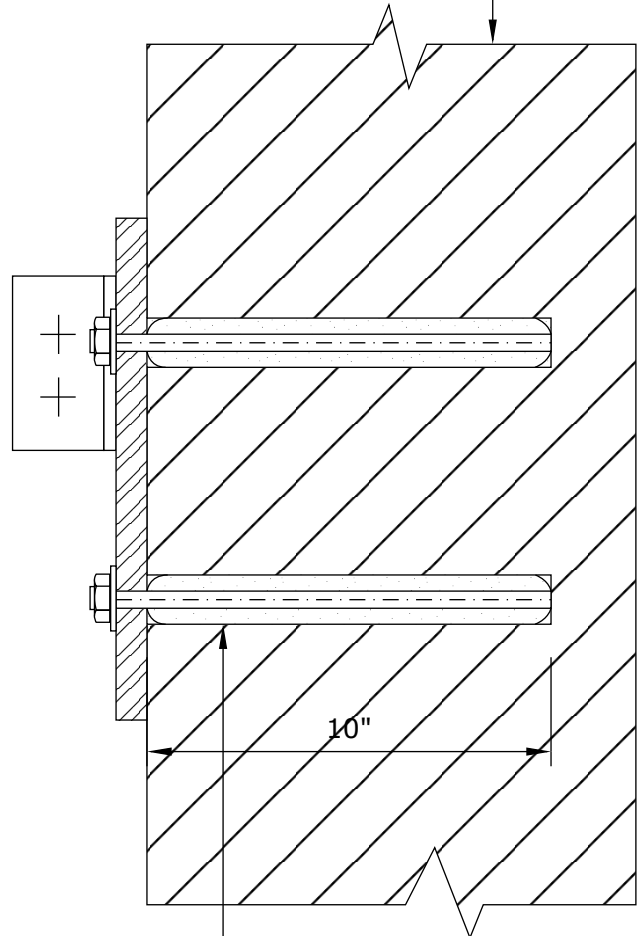
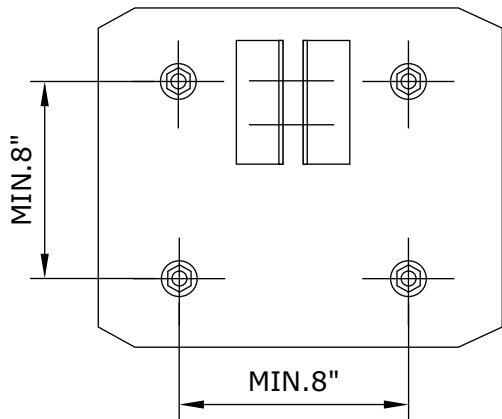


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Drawing Title:

**BALCONY SUPPORTS
TOP PLATE**

EXISTING SOLID BRICK WALL



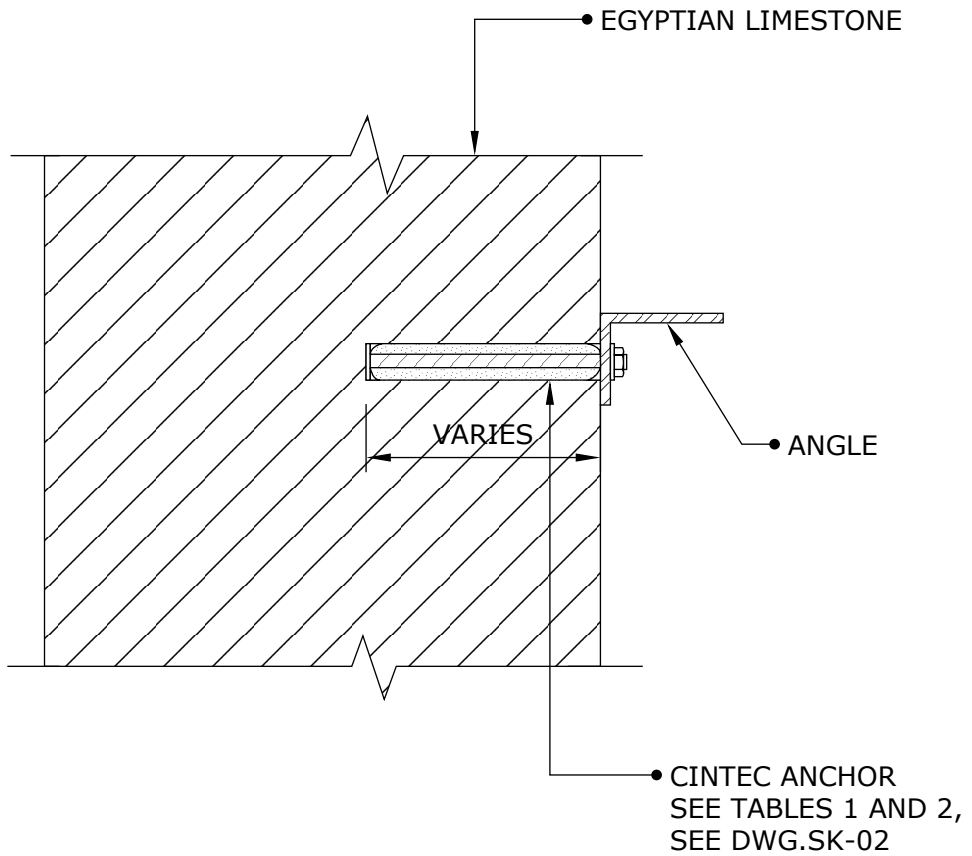
- CINTEC ANCHOR:
- 3/4"Ø STAINLESS STEEL ROD
- SOCK TO FIT IN 2"Ø HOLE
- SOCKED FULL LENGTH
- 10" LONG



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Drawing Title:

**BALCONY SUPPORTS
BOTTOM PLATE**



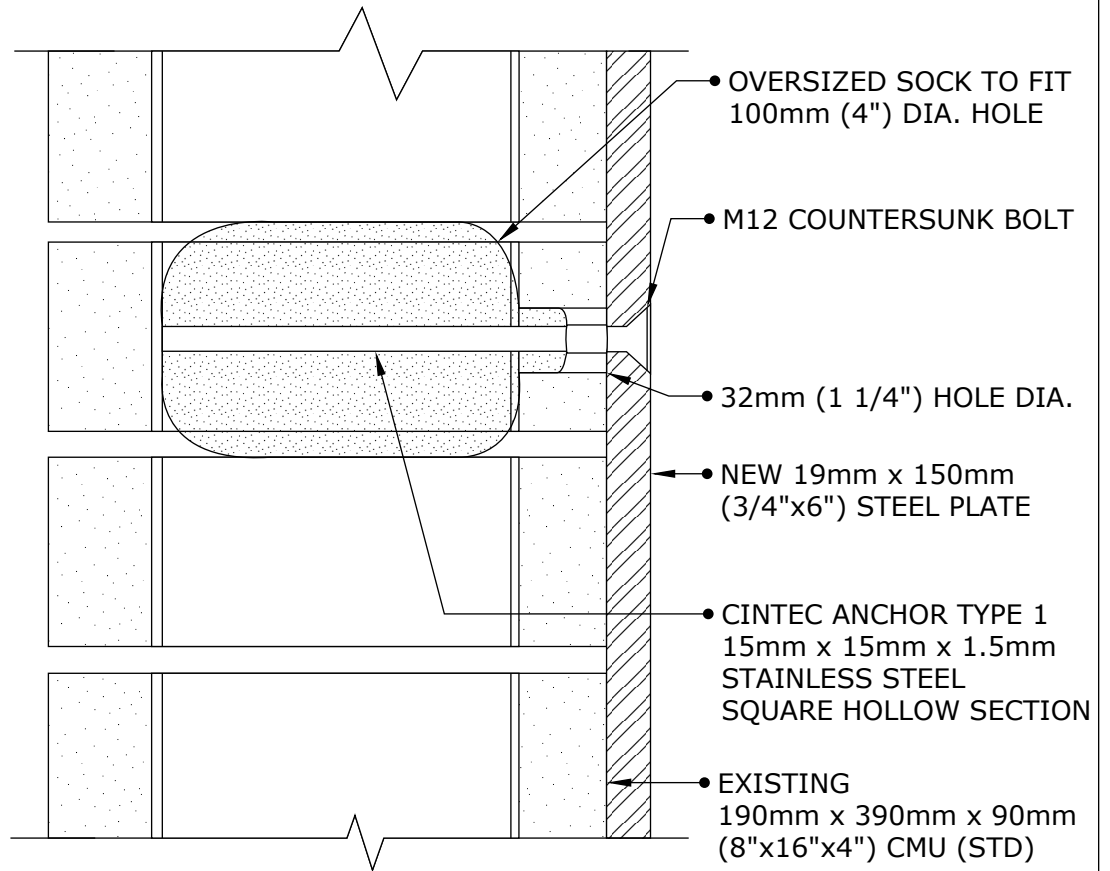
NOTE:
1. ANCHOR LENGTH TO BE DETERMINED BY CLIENT PRIOR TO ORDERING.



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Fax: 1-613-224-9042
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Drawing Title:

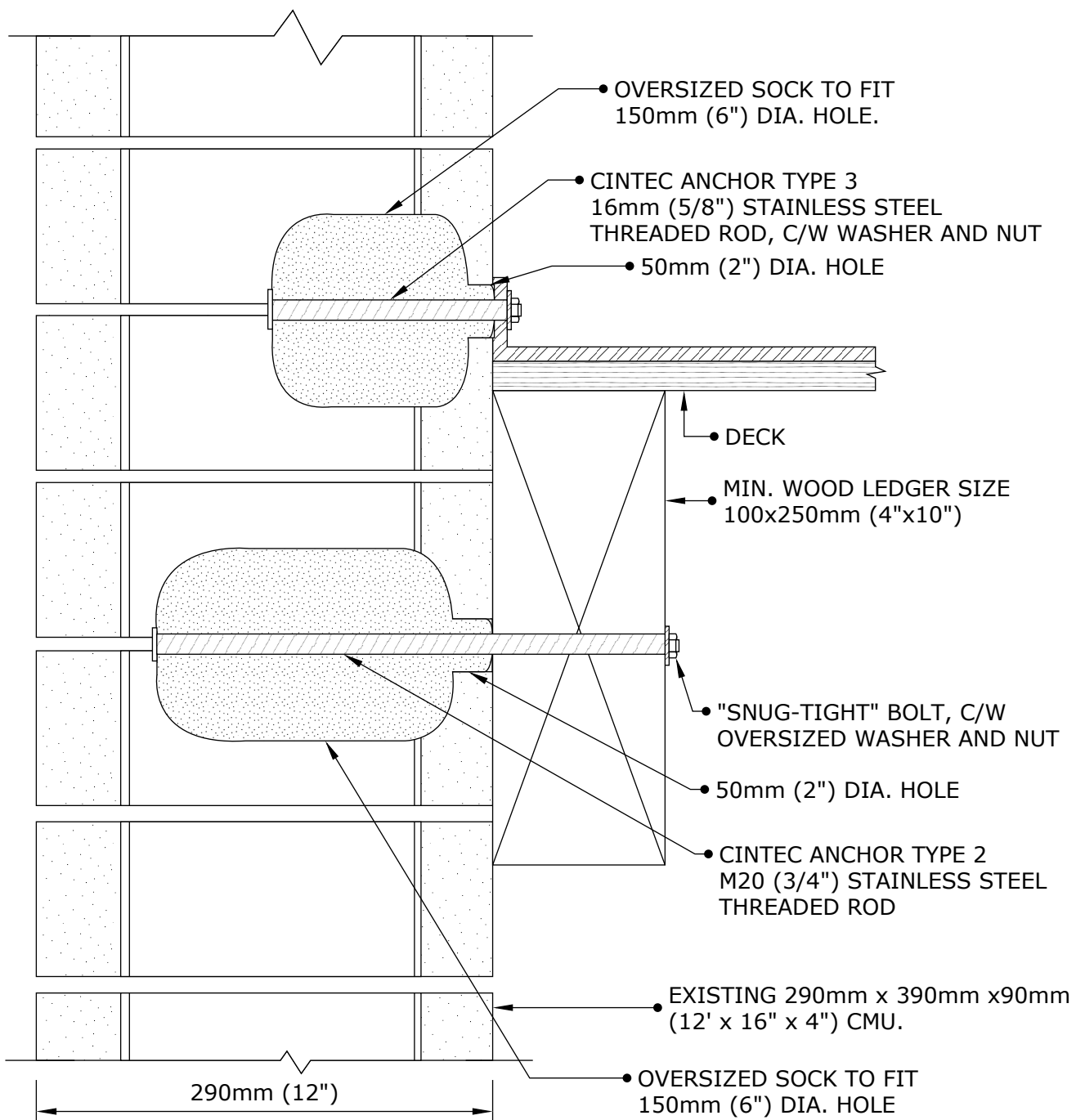
**TYPICAL ANCHOR
DETAIL**



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 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

CINTEC ANCHOR



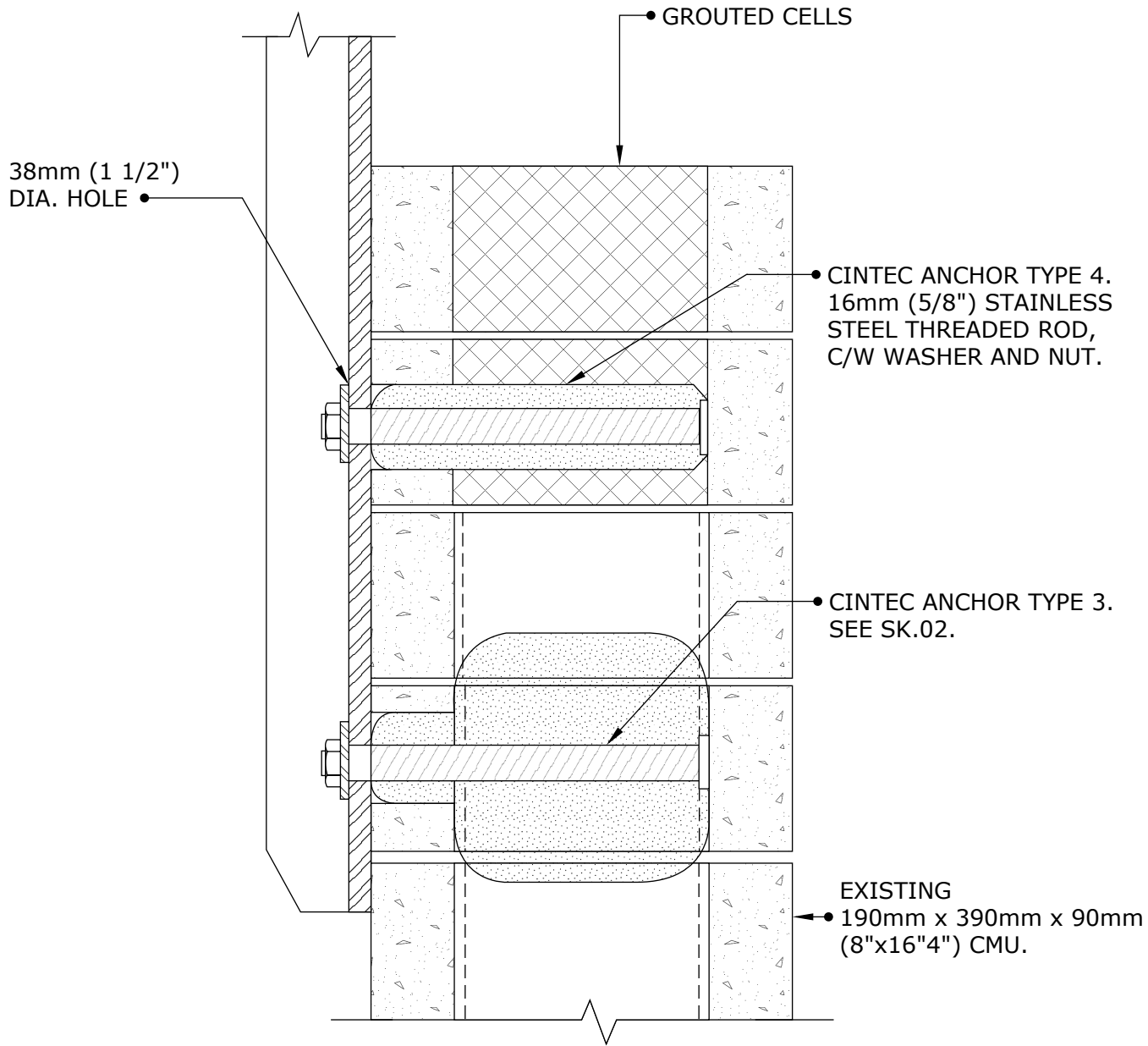
NOTE:
 DO NOT ALIGN TWO ANCHORS VERTICALLY.
 MIN. HORIZONTAL SPACING OF ANCHORS
 TYPE 2 AND 3 IS 300mm (12").



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Drawing Title:

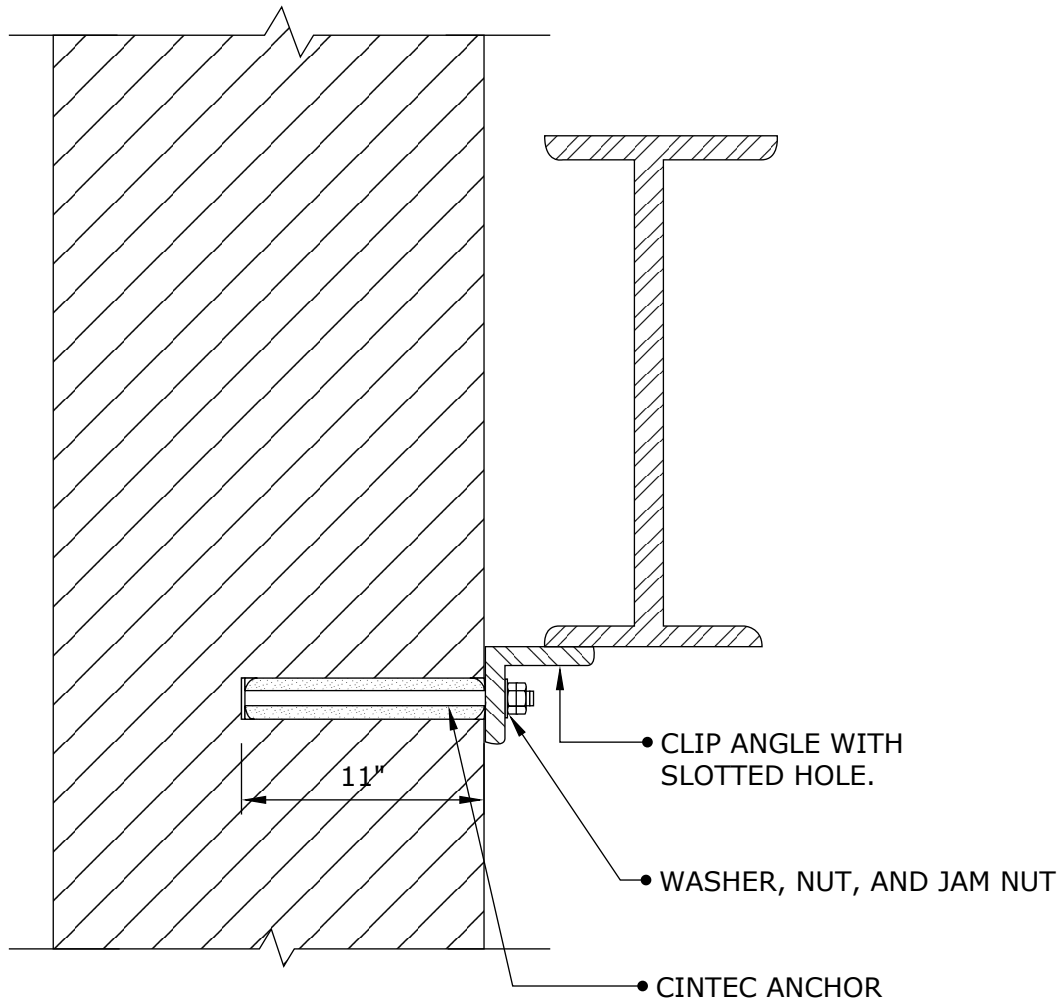
CINTEC ANCHORS



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 Fax: 1-613-224-9042
 E-mail: solutions@cintec.com

Drawing Title:

CINTEC ANCHOR



NOTES:

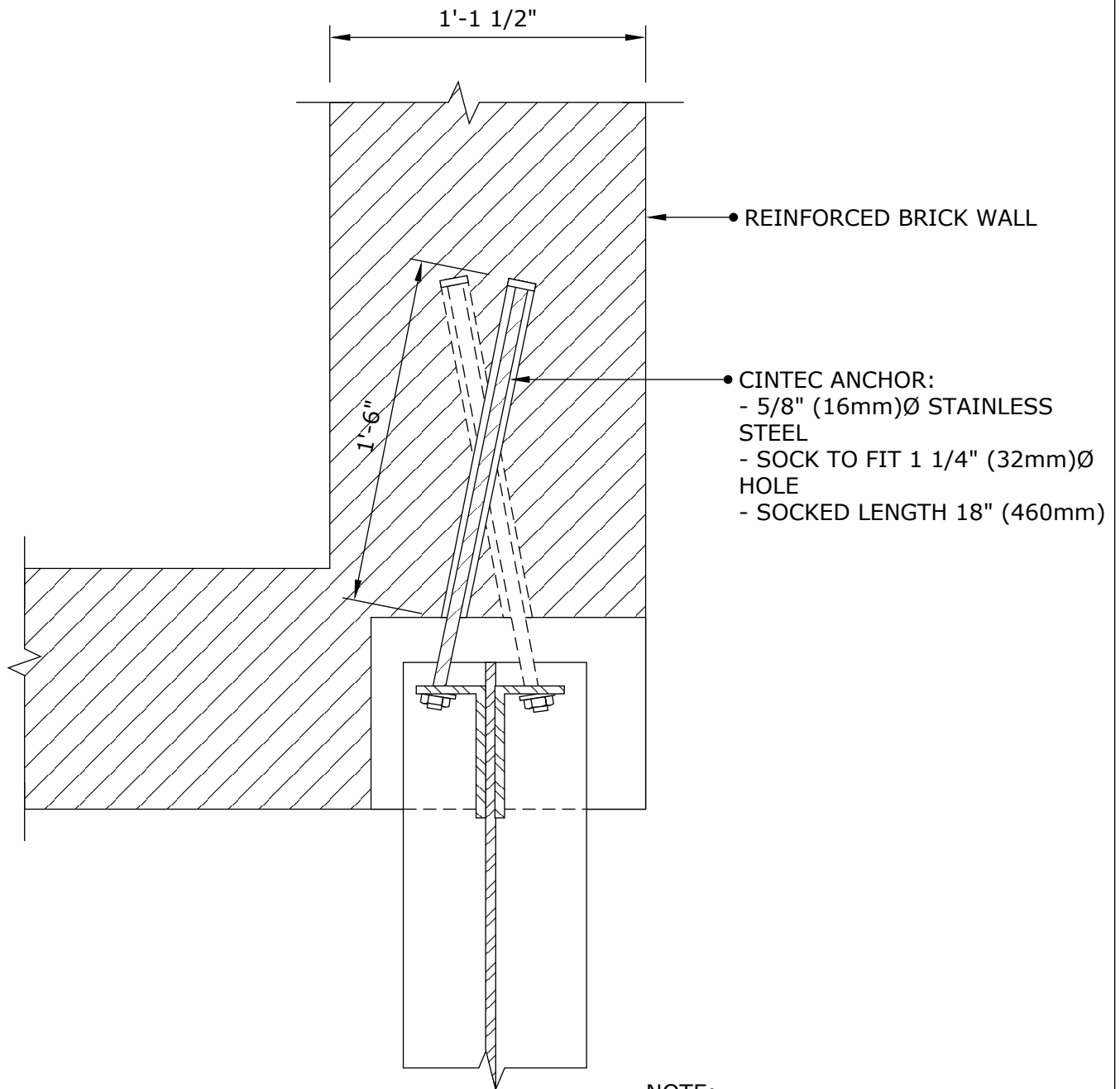
1. FOR ANCHOR DESCRIPTIONS SEE SK-
2. FOR SPACING OF ANCHORS SEE SK-
3. CLIENT TO CHECK TOTAL ANCHOR LENGTH PRIOR TO ORDERING.



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Drawing Title:

**CINTEC ANCHOR DETAIL
 AT GABLED ROOF**



NOTE:

1. TOTAL LENGTH OF THREADED ROD TO BE DETERMINED BY CLIENT.



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Drawing Title:

**BEAM/PIER
 CONNECTION ANCHOR
 DETAIL**