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EMAIL: BEPCDOBNOW@BEP.C.US



AJUSTCO
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NEW YORK, NY 10016
PH: (646) 708-4422

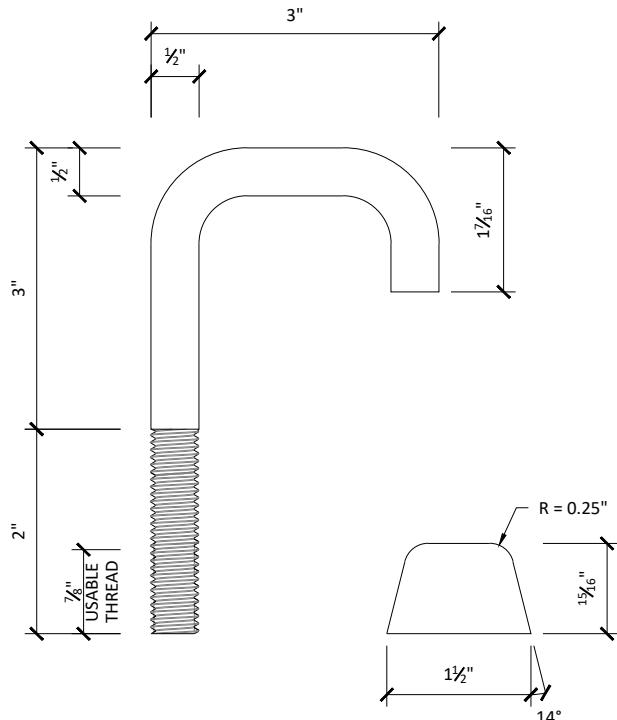
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SHEET NO. 1 OF 8
DESIGN BY MG DATE 09/28/21
CHECKED BY AK DATE 09/28/21
SCALE AS SHOWN
ADDRESS
PROJECT NO.: 20-4624

ANCHOR THREAD J-BOLT SPEC SHEET

ZINC PLATED GRADE 5 STEEL

PRODUCT DESCRIPTION:
THE ANCHOR THREAD IS AN EMBEDDED ANCHOR POINT THAT IS
INSTALLED INTO THE CONCRETE FORMWORK AND BURIED IN THE
CONCRETE TO BECOME A PERMANENT PART OF THE SUPERSTRUCTURE.



MATERIAL DIMENSIONS

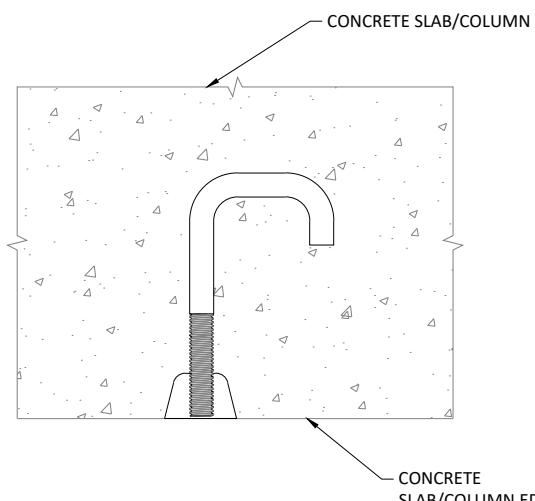
SPECIFICATIONS

- ANCHOR BOLT MATERIAL: ZINC PLATED GRADE 5 STEEL
- THREAD SIZE: 1/2"-13 UNC RIGHT HAND TURN
- USABLE THREAD: 7/8"
- CAVITY DEPTH: 15/16"
- CAVITY BASE DIAMETER: 1 1/2"
- CAVITY TAPER: 14 DEGREES

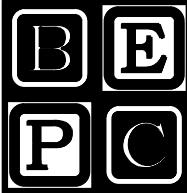
ANCHOR CAPACITY (ULTIMATE LOAD)

- TENSILE = 6,000 LBS
- SHEAR = 9,100 LBS

NOTE: ANCHOR CAPACITIES BASED
ON 4,000 PSI NORMAL WEIGHT
CONCRETE AND 6" MINIMUM EDGE
DISTANCE



TYPICAL INSTALLATION



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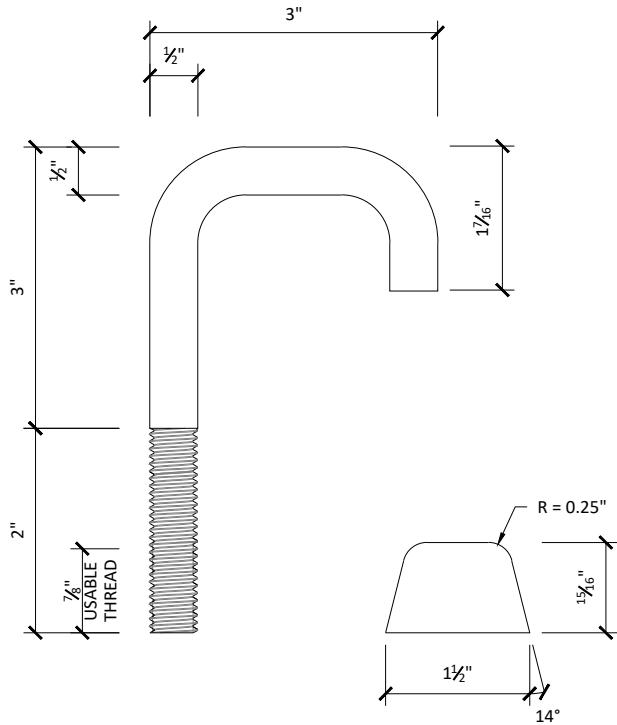
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SHEET NO. 2 OF 8
DESIGN BY MG DATE 09/28/21
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PROJECT NO.: 20-4624

ANCHOR THREAD J-BOLT SPEC SHEET

316 STAINLESS STEEL

PRODUCT DESCRIPTION:
THE ANCHOR THREAD IS AN EMBEDDED ANCHOR POINT THAT IS
INSTALLED INTO THE CONCRETE FORMWORK AND BURIED IN THE
CONCRETE TO BECOME A PERMANENT PART OF THE SUPERSTRUCTURE.

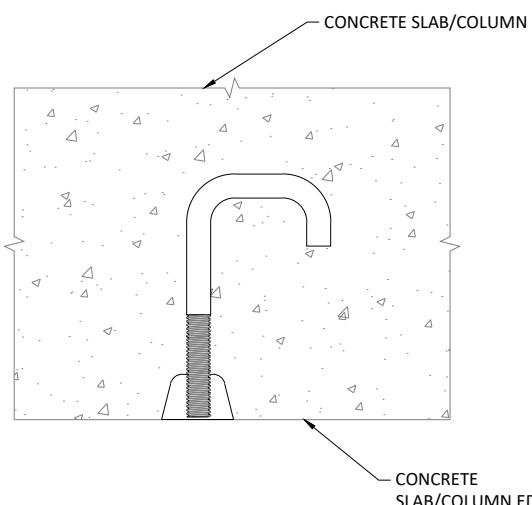


SPECIFICATIONS	
• ANCHOR BOLT MATERIAL: 316 STAINLESS STEEL	
• THREAD SIZE: 1/2"-13 UNC RIGHT HAND TURN	
• USABLE THREAD: 7/8"	
• CAVITY DEPTH: 15/16"	
• CAVITY BASE DIAMETER: 1 1/2"	
• CAVITY TAPER: 14 DEGREES	

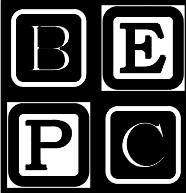
ANCHOR CAPACITY (ULTIMATE LOAD)
• TENSILE = 6,000 LBS
• SHEAR = 6,750 LBS

NOTE: ANCHOR CAPACITIES BASED
ON 4,000 PSI NORMAL WEIGHT
CONCRETE AND 6" MIN. EDGE
DISTANCE

MATERIAL DIMENSIONS



TYPICAL INSTALLATION



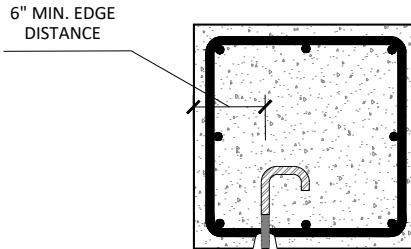
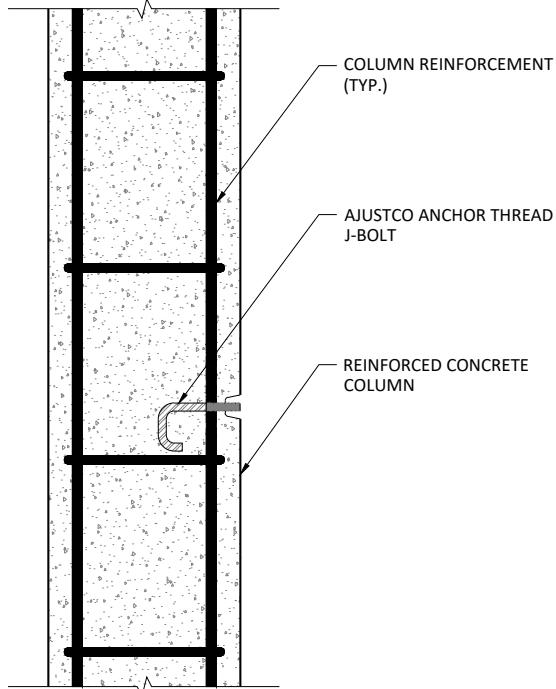
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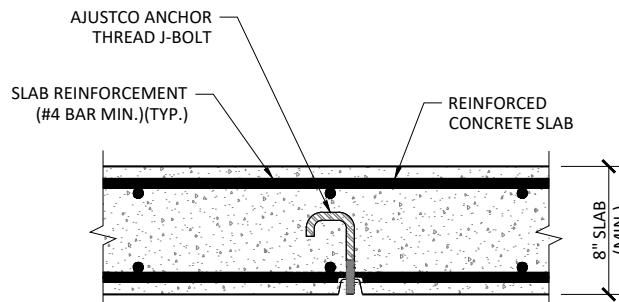
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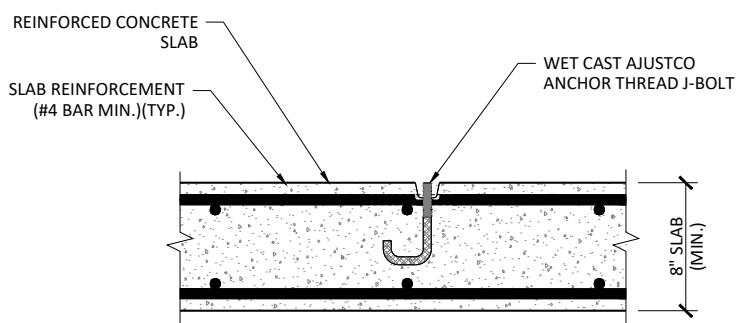


RECTANGULAR COLUMN INSTALLATION



UNDER SLAB INSTALLATION

CONCRETE COLUMN INSTALLATION



ABOVE SLAB INSTALLATION

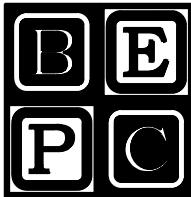
INSTALLATION INSTRUCTIONS:

1. IDENTIFY AND MARK ANCHOR THREAD J-BOLT LOCATION.
2. INSTALL AJUSTCO J-BOLT.
3. INSTALL ANCHOR THREAD PRIOR TO INSTALLING CONCRETE FORMWORK.
4. ANCHOR THREAD SHALL BE CAPPED AND SIT FLUSH WITH FACE OF CONCRETE COLUMN/WALL.
5. J-BOLT SHALL BE INSPECTED PRIOR TO PLACING CONCRETE.
6. ENSURE THE ANCHOR THREAD IS SECURED IN PLACE PRIOR TO PLACING CONCRETE.
7. CONCRETE SHALL ACHIEVE AT LEAST 4,000 PSI (MIN.) STRENGTH PRIOR TO USING THE ANCHOR THREAD.
8. ABANDON ANCHOR THREAD WHEN NO LONGER IN USE.

INSPECTION RECOMMENDATIONS:

1. J-BOLT EXPOSED THREADED ROD SHALL BE INSPECTED BEFORE EACH USE FOR ANY DAMAGE.
2. DO NOT USE IF THERE ARE SIGNS OF DAMAGE AND/OR TAMPERING.
3. INSPECT ANCHORS FOR DAMAGE AT LEAST ONCE A WEEK AND AFTER ANY OCCURRENCE WHICH COULD AFFECT THE INTEGRITY OF THE SYSTEM.

PREPARED BY:



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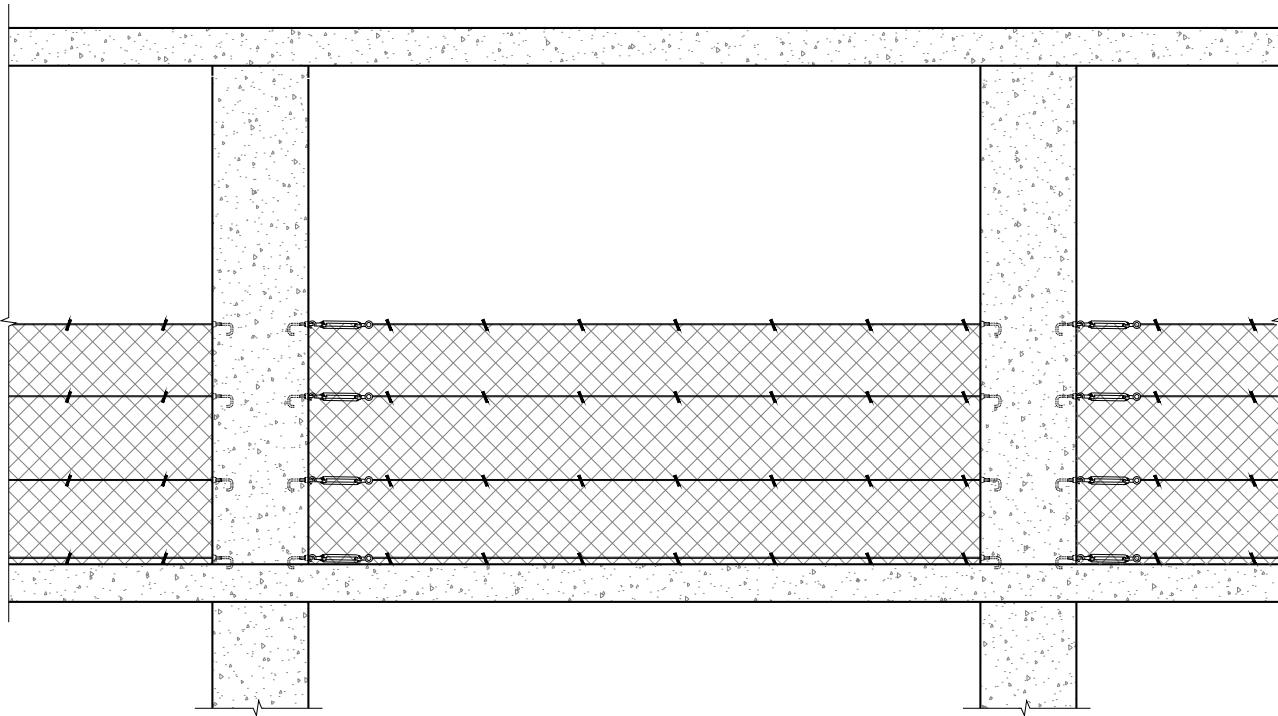
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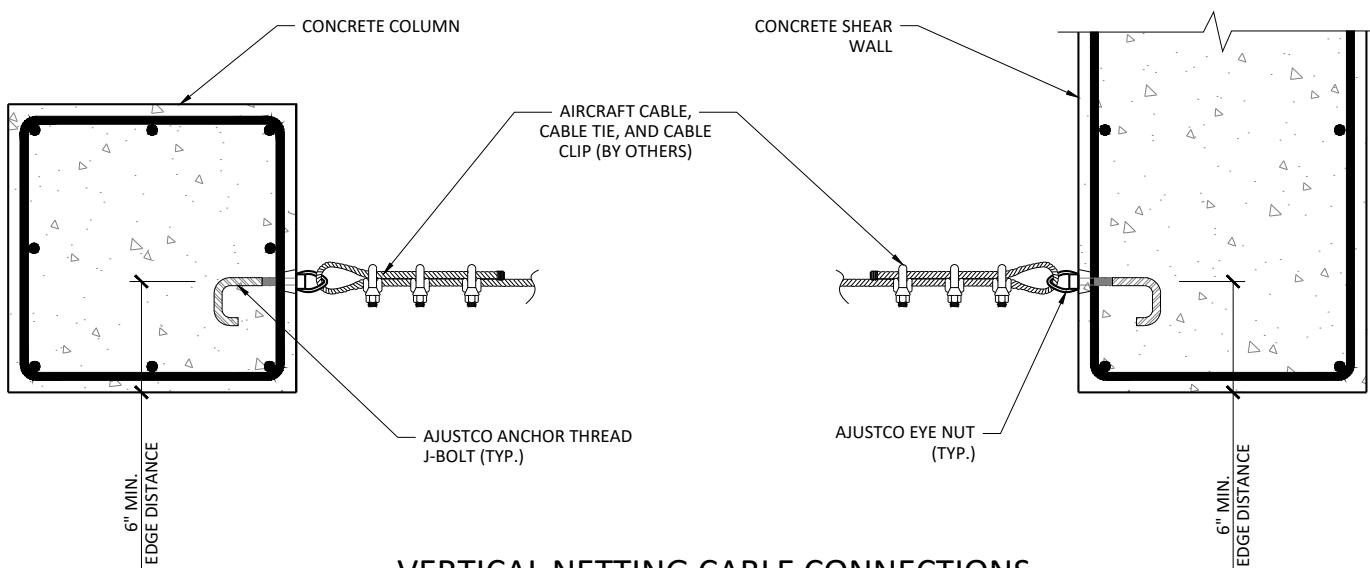
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TYPICAL VERTICAL NETTING ELEVATION

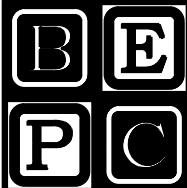


VERTICAL NETTING CABLE CONNECTIONS

NOTES:

1. CONTRACTOR SHALL FOLLOW AJUSTCO INSTALLATION MANUAL WHEN INSTALLING ANCHOR THREAD.
2. CONCRETE SHALL REACH 28-DAY STRENGTH PRIOR TO USE.
3. NETTING AND COMPONENTS BY OTHERS.
4. CONNECTION TO BOTH COLUMNS AND SHEAR WALLS ARE ACCEPTABLE.
5. BUILDING ENGINEER SHALL VERIFY BUILDING STRUCTURE CAN SUPPORT LOADS IMPOSED BY AJUSTCO ANCHOR.

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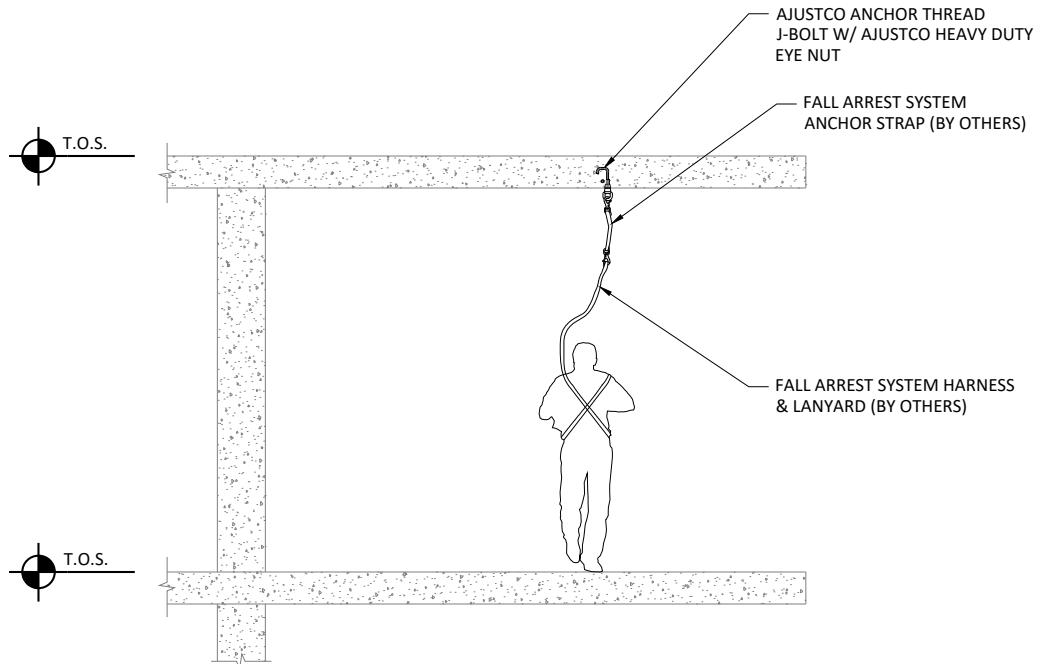
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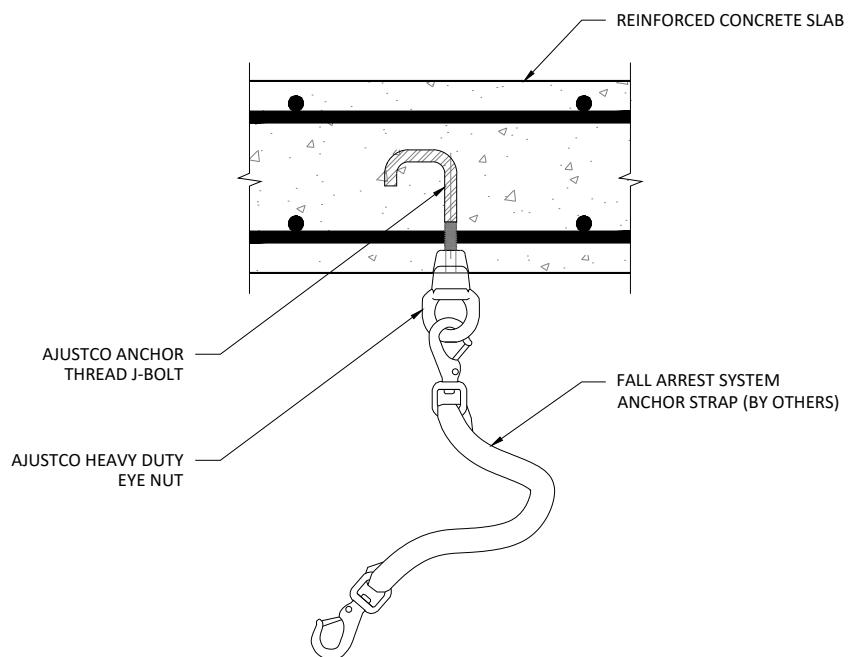
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TYPICAL FALL ARREST SYSTEM ANCHOR ELEVATION

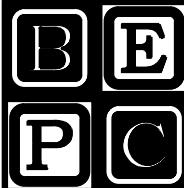


FALL ARREST SYSTEM ANCHOR STRAP CONNECTION

NOTES:

1. CONTRACTOR SHALL FOLLOW AJUSTCO INSTALLATION MANUAL WHEN INSTALLING ANCHOR THREAD.
2. BUILDING ENGINEER SHALL VERIFY BUILDING STRUCTURE CAN SUPPORT LOADS IMPOSED BY AJUSTCO ANCHOR.

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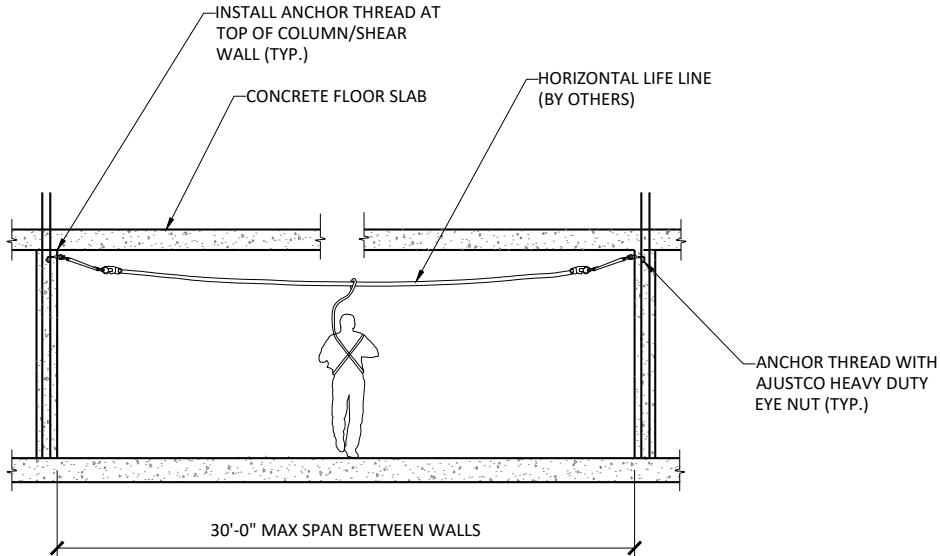
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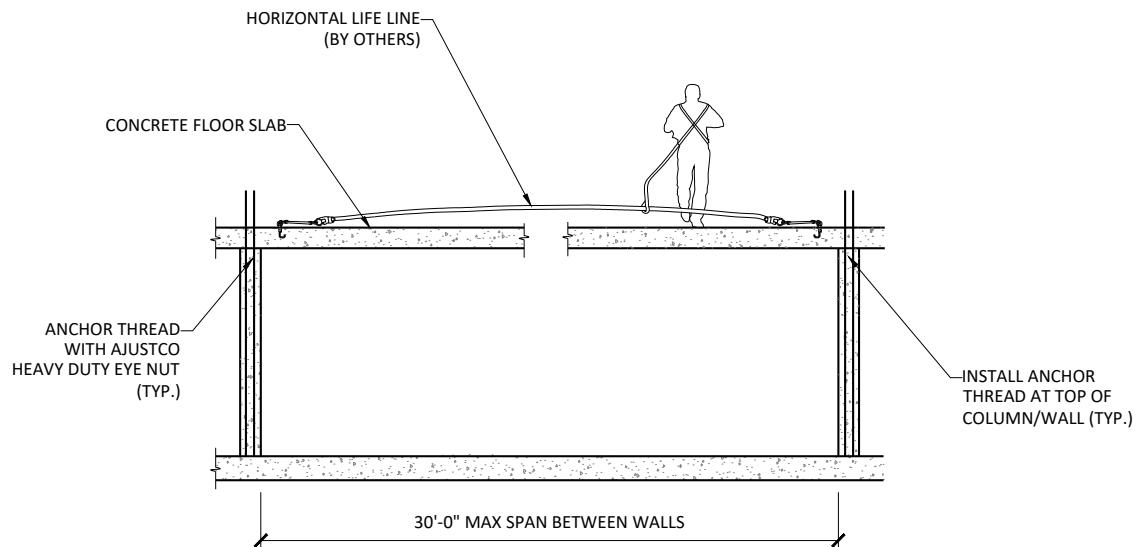
ADDRESS
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ANCHOR THREAD LIFELINE DETAIL I

NOTES:

1. CONTRACTOR SHALL FOLLOW AJUSTCO INSTALLATION MANUAL WHEN INSTALLING ANCHOR THREAD.
2. VERIFY ANCHOR THREAD AND AJUSTCO HEAVY DUTY EYE NUT AT EACH END OF THE HORIZONTAL LIFELINE ARE INSTALLED AS REQUIRED.
3. WALL CONCRETE MUST HAVE ATTAINED A COMPRESSIVE STRENGTH OF 3000 PSI MINIMUM BEFORE ANCHOR THREAD IS USED.
4. HORIZONTAL LIFE LINE AND RELATED ATTACHMENTS/EQUIPMENT (BY OTHERS).
5. BUILDING ENGINEER SHALL VERIFY BUILDING STRUCTURE CAN SUPPORT LOADS IMPOSED BY AJUSTCO ANCHOR.

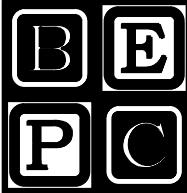


ANCHOR THREAD LIFELINE DETAIL II

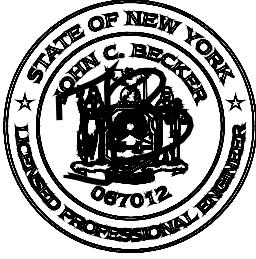
NOTE:

1. SEE DETAIL ABOVE FOR NOTES.

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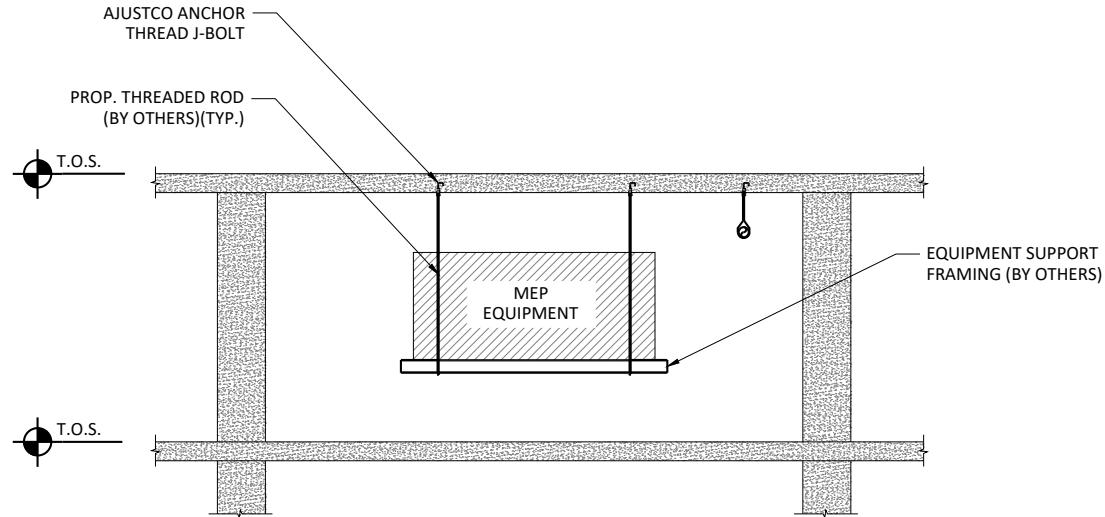
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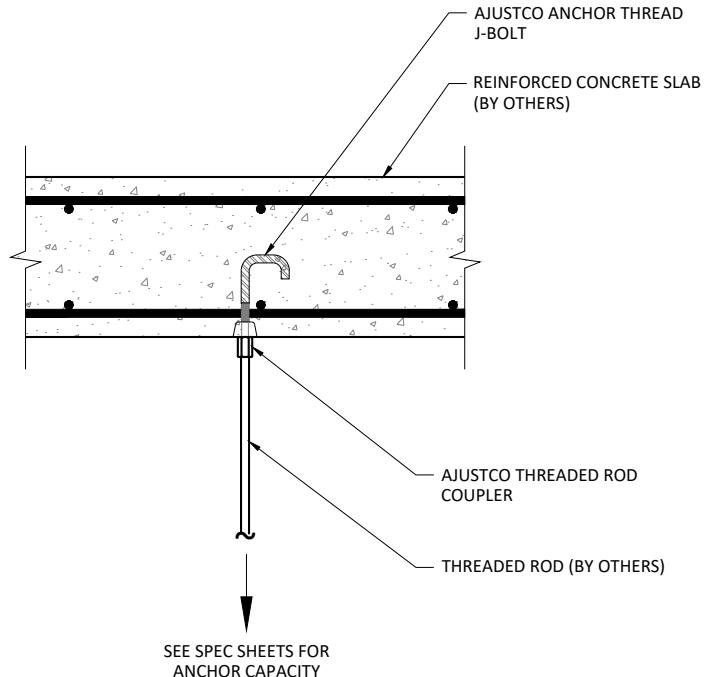
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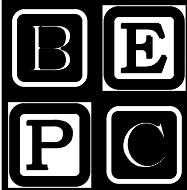
TYPICAL SUSPENDED EQUIPMENT SUPPORT ELEVATION



ANCHOR THREAD CONNECTION DETAIL

NOTES:

1. CONTRACTOR SHALL FOLLOW AJUSTCO INSTALLATION MANUAL WHEN INSTALLING ANCHOR THREAD.
2. CONCRETE SHALL REACH 28-DAY STRENGTH PRIOR TO USE.
3. BUILDING ENGINEER SHALL VERIFY BUILDING STRUCTURE CAN SUPPORT LOADS IMPOSED BY AJUSTCO ANCHOR.



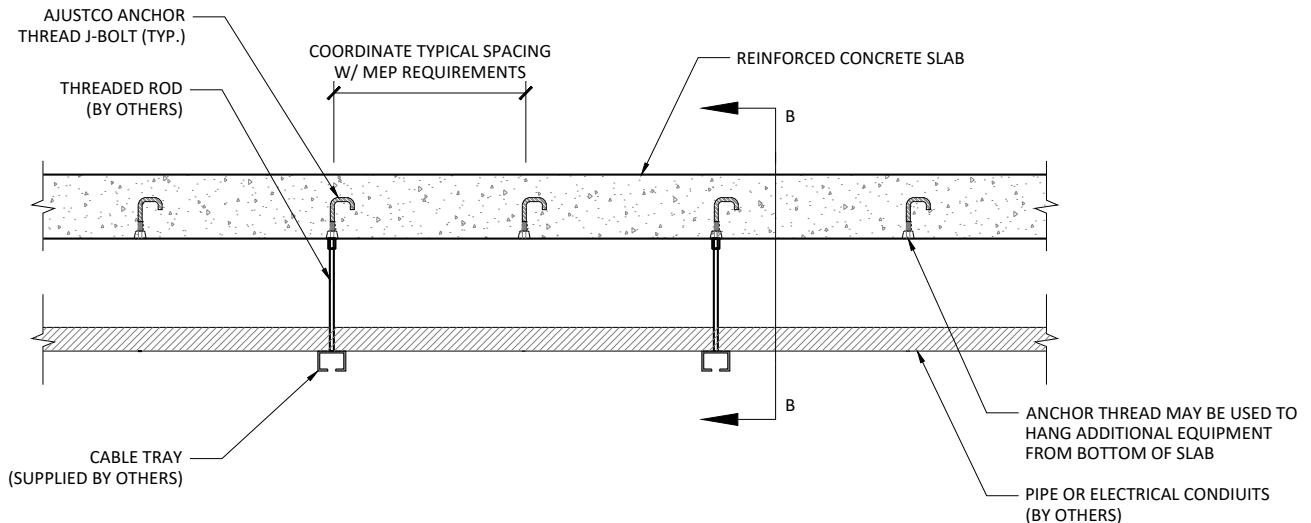
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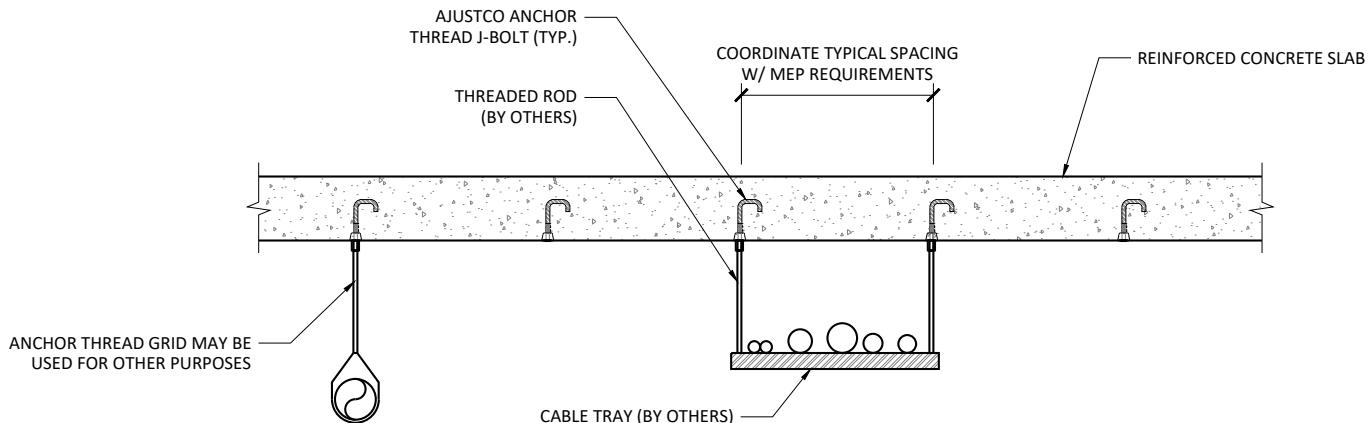
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SHEET NO. 8 OF 8
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TYP. ANCHOR THREAD GRID LAYOUT SECTION I



TYP. ANCHOR THREAD GRID LAYOUT SECTION II

NOTE:

1. BUILDING ENGINEER SHALL VERIFY BUILDING STRUCTURE CAN SUPPORT LOADS IMPOSED BY AJUSTCO ANCHOR.