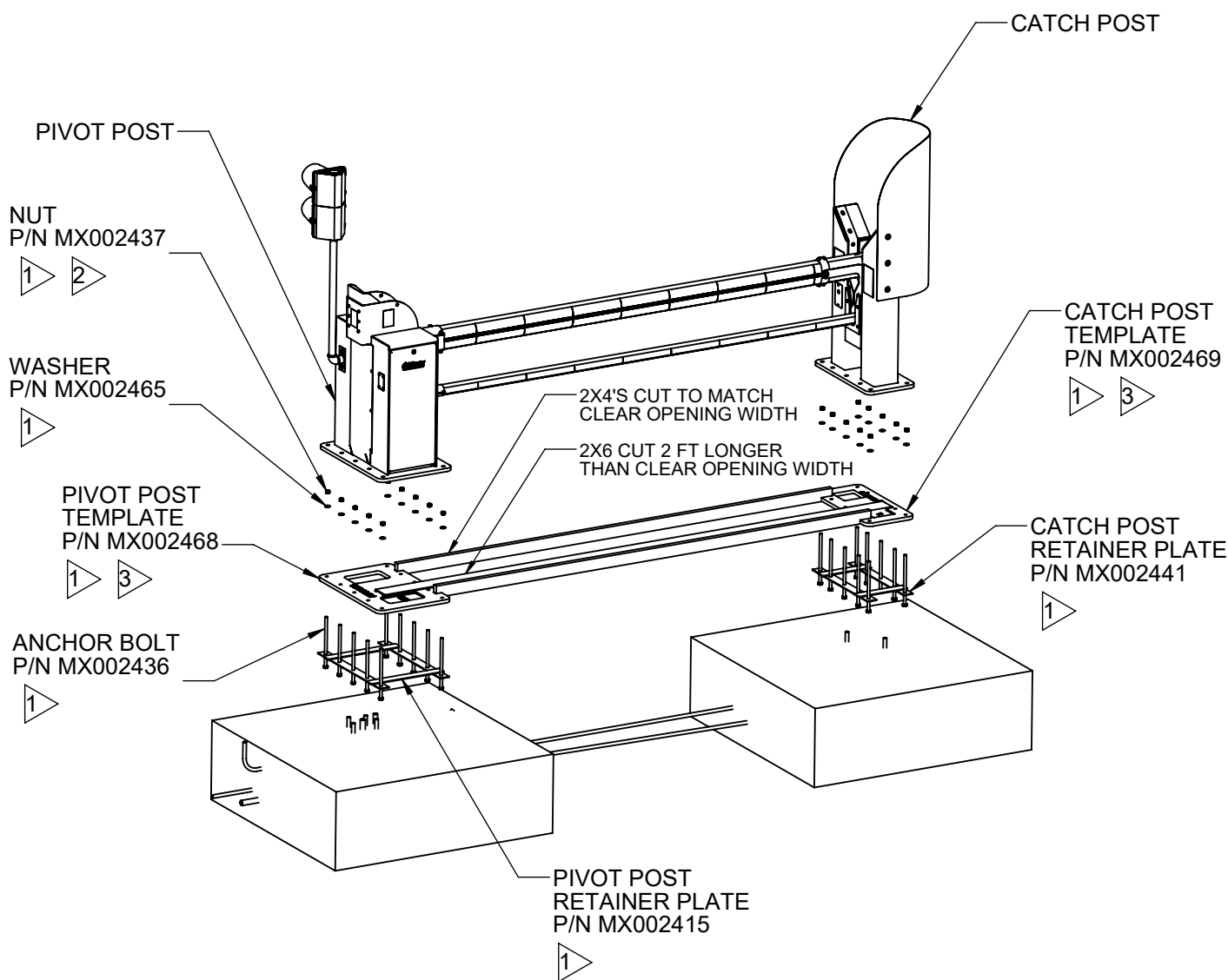


LTR	DESCRIPTION	DATE	APPRV'D
J	REVISED CONCRETE REQUIREMENT FROM 3,000 TO 4,000 PSI PER ENGINEERING REQUEST.	2/19/2019	RAW



- 1 M30 COMPONENT PARTS: ONLY USE THE HARDWARE PROVIDED DO NOT SUBSTITUTE WITH OTHER MANUFACTURED PARTS.
- 2 TORQUE TO 200 FT-LBS.
- 3 WOOD PARTS: TEMPLATE, 2X4 AND 2X6 ARE REMOVED AFTER CONCRETE HAS HARDENED ADEQUATELY.

NOTE: DRAWING IS NOT TO SCALE.



DOCUMENT TITLE
STRONGARM M30 INSTALL SPECIFICATION

DRAWN DY	DATE 4/8/2011
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APPROVED	DATE

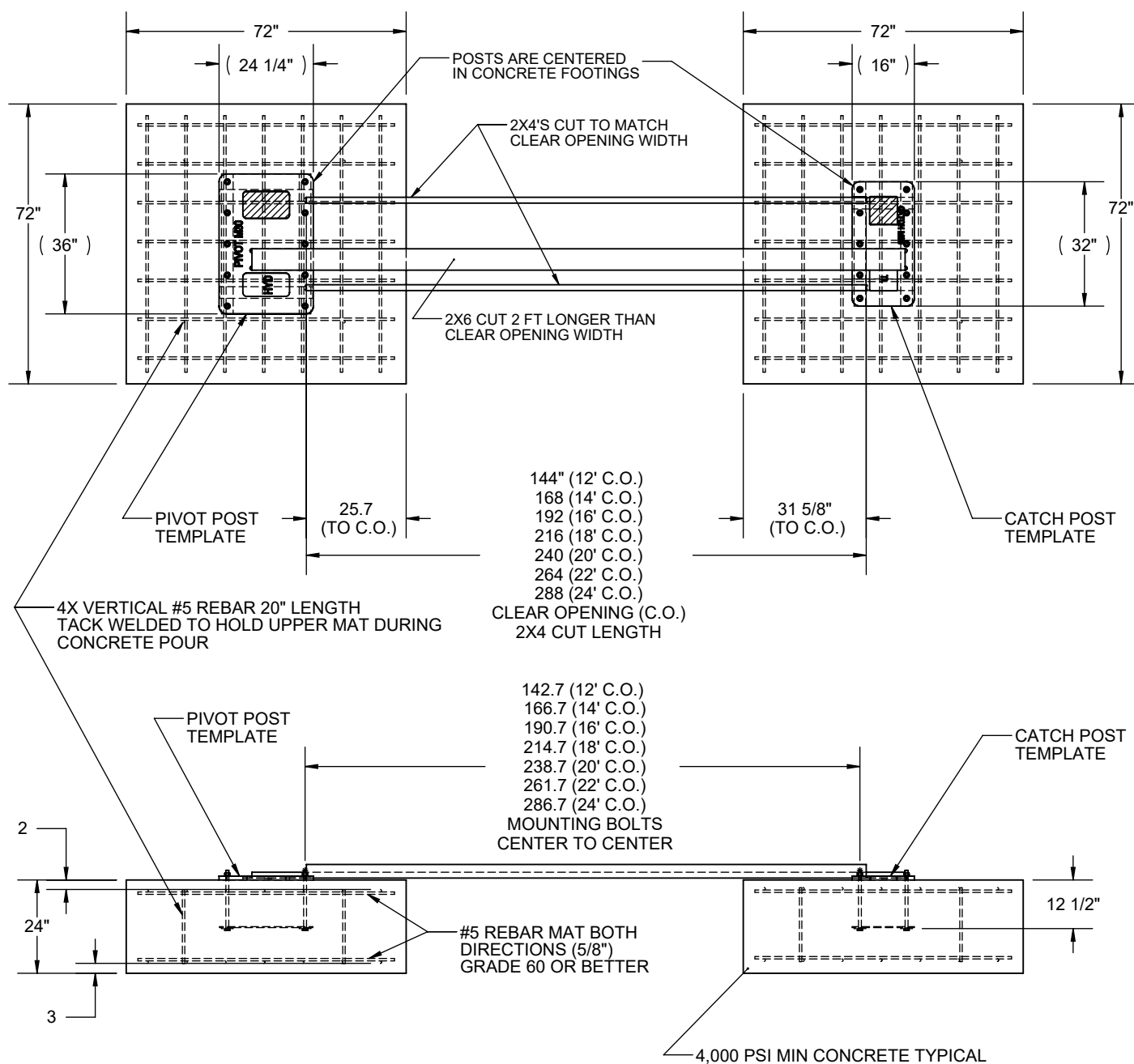
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D0426

THIRD ANGLE PROJECTION

REV
J

SHT 1 OF 16

LTR	DESCRIPTION	DATE	APPRV'D
J	REVISED CONCRETE REQUIREMENT FROM 3,000 TO 4,000 PSI PER ENGINEERING REQUEST.	2/19/2019	RAW



STANDARD FOUNDATION - 12FT CLEAR OPENING SHOWN

- DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
- PIVOT AND CATCH POST BOLT PATTERNS ARE DIFFERENT, BUT CONCRETE FOOTINGS AND REBAR MATS ARE IDENTICAL IN SIZE.
- ALLOY STEEL ANCHOR BOLTS, EMBEDDED RETAINER PLATES, NUTS AND WASHERS ARE SUPPLIED BY HYSECURITY.
- REBAR, CONDUIT, 2X4, 2X6, AND CONCRETE MUST BE SUPPLIED BY THE INSTALLER.

NOTE: DRAWING IS NOT TO SCALE.



DOCUMENT TITLE
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SPECIFICATION**

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DOCUMENT NUMBER:

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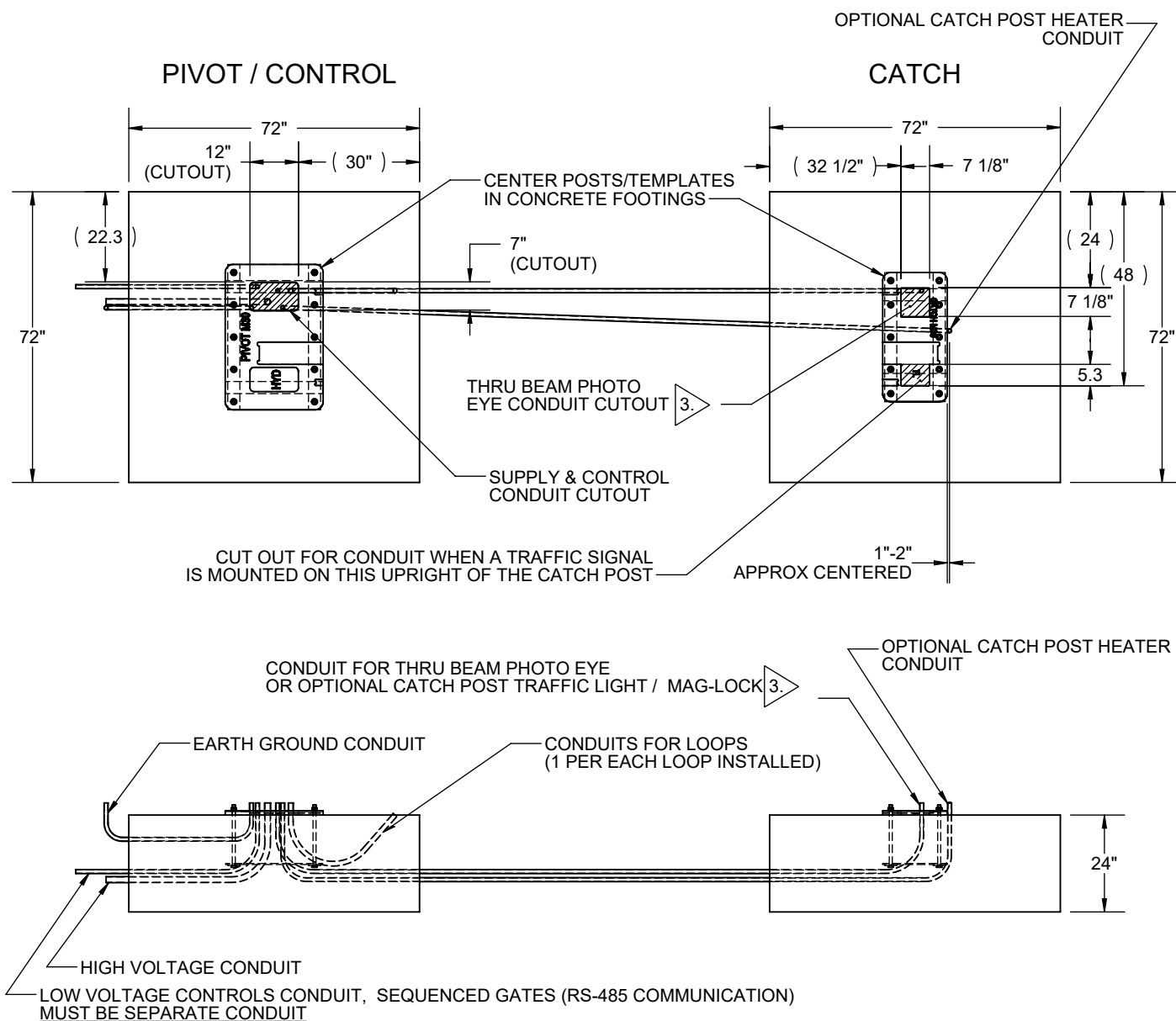
THIRD ANGLE PROJECTION

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SHT 2 OF 16

LTR	DESCRIPTION	DATE	APPRV'D
J	REVISED CONCRETE REQUIREMENT FROM 3,000 TO 4,000 PSI PER ENGINEERING REQUEST.	2/19/2019	RAW



STANDARD FOUNDATION - 12FT CLEAR OPENING SHOWN

- DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
- REBAR NOT SHOWN.
- NECESSARY IF USING THRU BEAM PHOTO EYE, UNLESS OPTIONAL BATTERY POWERED EYE IS USED.

NOTE: DRAWING IS NOT TO SCALE.



DOCUMENT TITLE
STRONGARM M30 INSTALL SPECIFICATION

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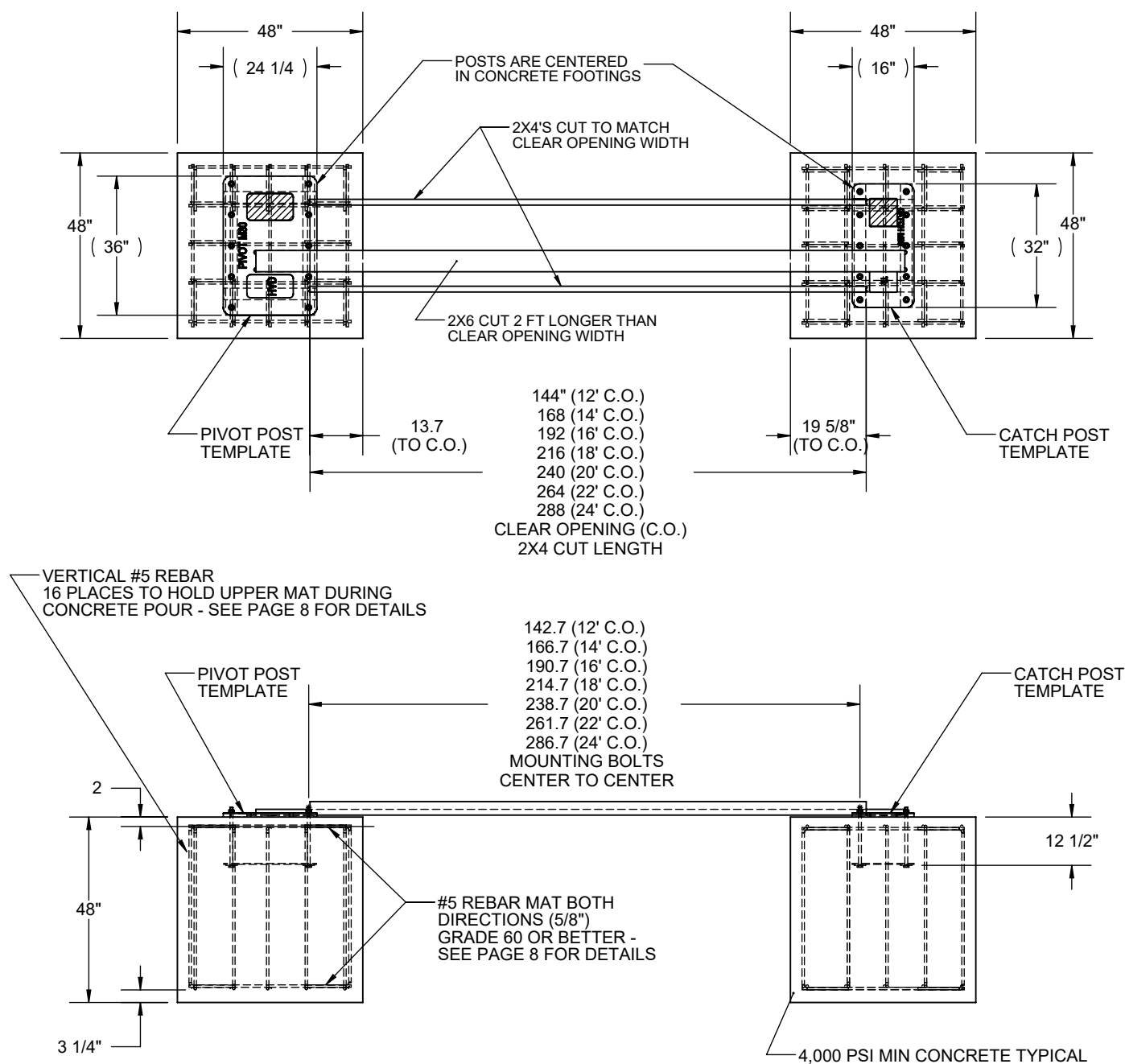
THIRD ANGLE PROJECTION

REV

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SHT 3 OF 16

LTR	DESCRIPTION	DATE	APPRV'D
J	REVISED CONCRETE REQUIREMENT FROM 3,000 TO 4,000 PSI PER ENGINEERING REQUEST.	2/19/2019	RAW



DEEP FOUNDATION - 12FT CLEAR OPENING SHOWN

- DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
- PIVOT AND CATCH POST BOLT PATTERNS ARE DIFFERENT, BUT CONCRETE FOOTINGS AND REBAR MATS ARE IDENTICAL IN SIZE.
- ALLOY STEEL ANCHOR BOLTS, EMBEDDED RETAINER PLATES, NUTS AND WASHERS ARE SUPPLIED BY HYSECURITY.
- REBAR, CONDUIT, 2X4, 2X6, AND CONCRETE MUST BE SUPPLIED BY THE INSTALLER.

NOTE: DRAWING IS NOT TO SCALE.



DOCUMENT TITLE

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DATE

4/8/2011

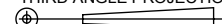
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THIRD ANGLE PROJECTION



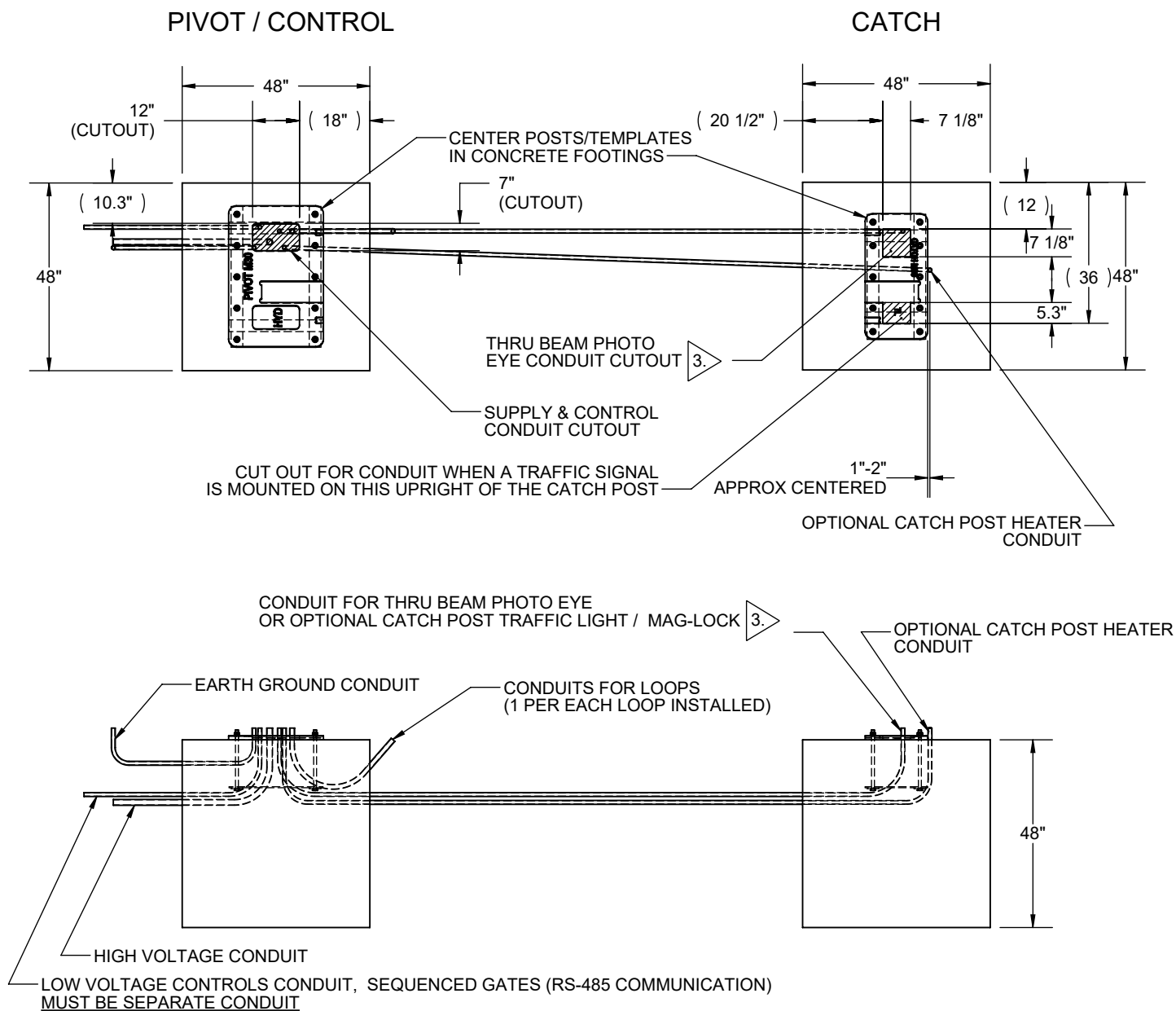
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4 OF 16

LTR	DESCRIPTION	DATE	APPR'D
J	REVISED CONCRETE REQUIREMENT FROM 3,000 TO 4,000 PSI PER ENGINEERING REQUEST.	2/19/2019	RAW



DEEP FOUNDATION - 12FT CLEAR OPENING SHOWN

1. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
2. REBAR NOT SHOWN.
3. NECESSARY IF USING THRU BEAM PHOTO EYE, UNLESS OPTIONAL BATTERY POWERED EYE IS USED.

NOTE: DRAWING IS NOT TO SCALE.



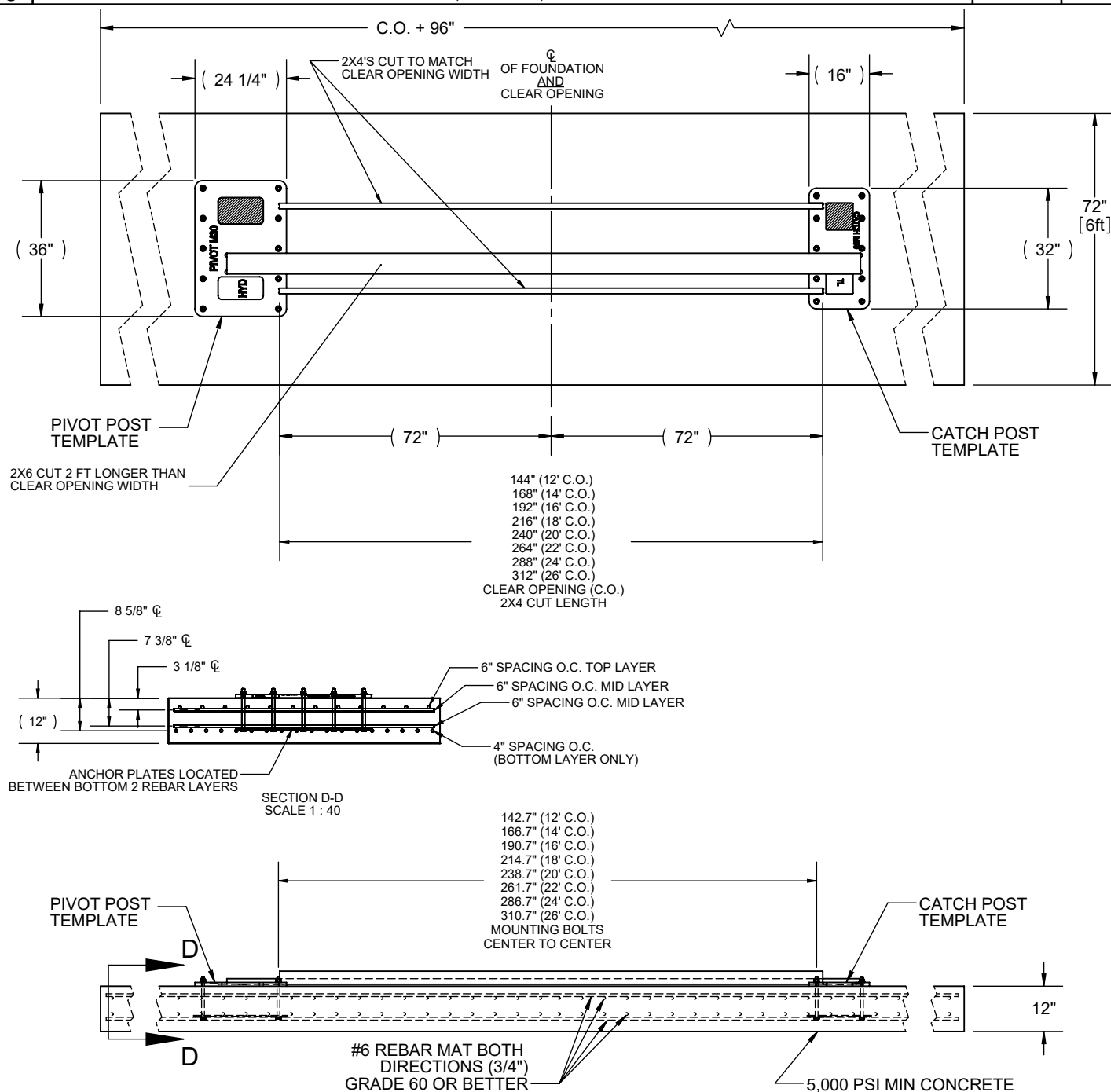
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THIRD ANGLE PROJECTION

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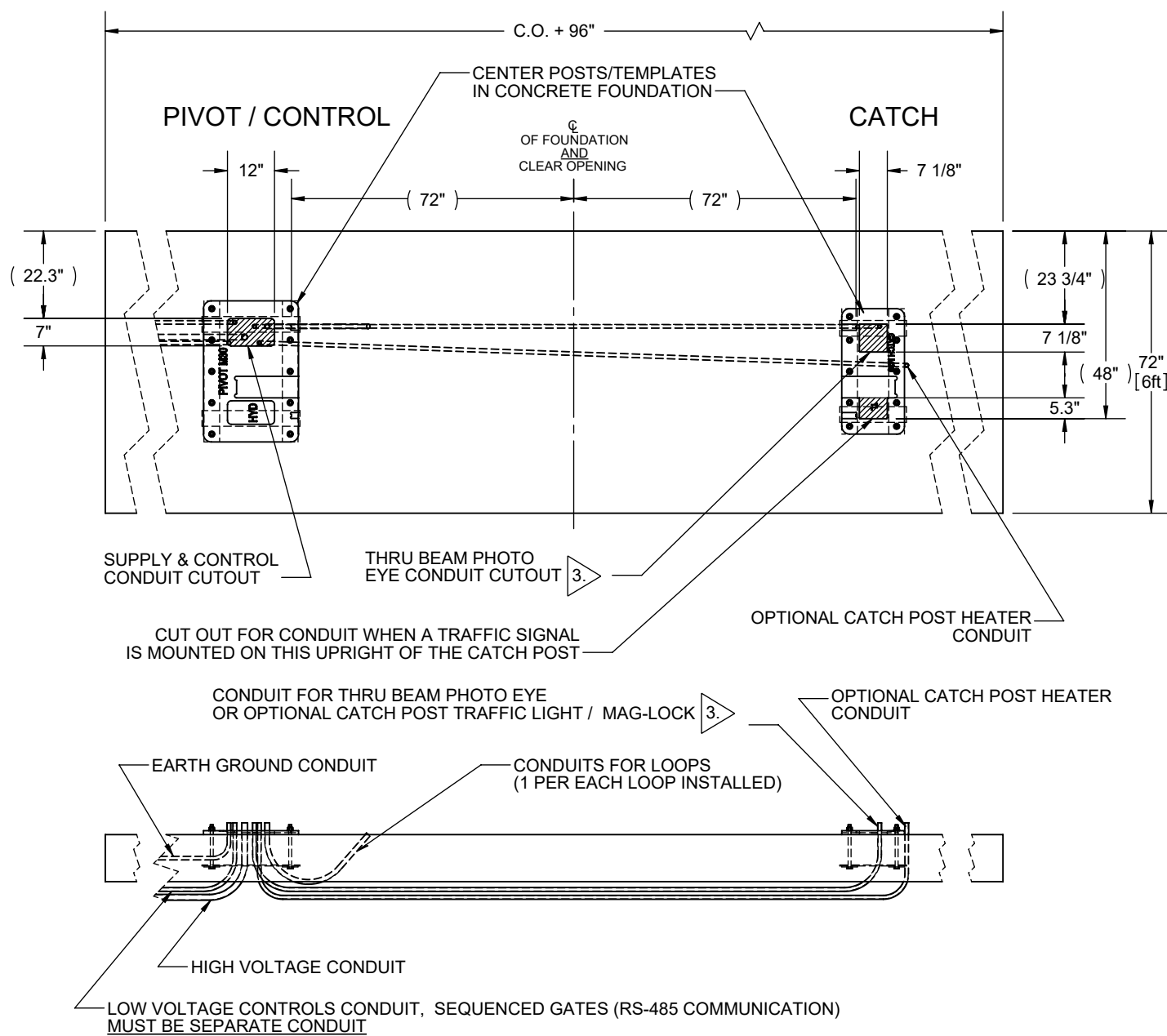
LTR	DESCRIPTION	DATE	APPRV'D
J	REVISED CONCRETE REQUIREMENT FROM 3,000 TO 4,000 PSI PER ENGINEERING REQUEST.	2/19/2019	RAW



SHALLOW FOUNDATION - 12FT CLEAR OPENING SHOWN

1. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
 2. PIVOT AND CATCH POST BOLT PATTERNS ARE DIFFERENT.
 3. ALLOY STEEL ANCHOR BOLTS, EMBEDDED RETAINER PLATES, NUTS AND WASHERS ARE SUPPLIED BY HYSECURITY.
 4. REBAR, CONDUIT, 2X4, 2X6, AND CONCRETE MUST BE SUPPLIED BY THE INSTALLER.
- NOTE: DRAWING IS NOT TO SCALE.

LTR	DESCRIPTION	DATE	APPRV'D
J	REVISED CONCRETE REQUIREMENT FROM 3,000 TO 4,000 PSI PER ENGINEERING REQUEST.	2/19/2019	RAW



SHALLOW FOUNDATION - 12FT CLEAR OPENING SHOWN

- DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
- REBAR NOT SHOWN.
- NECESSARY IF USING THRU BEAM PHOTO EYE, UNLESS OPTIONAL BATTERY POWERED EYE IS USED.

NOTE: DRAWING IS NOT TO SCALE.



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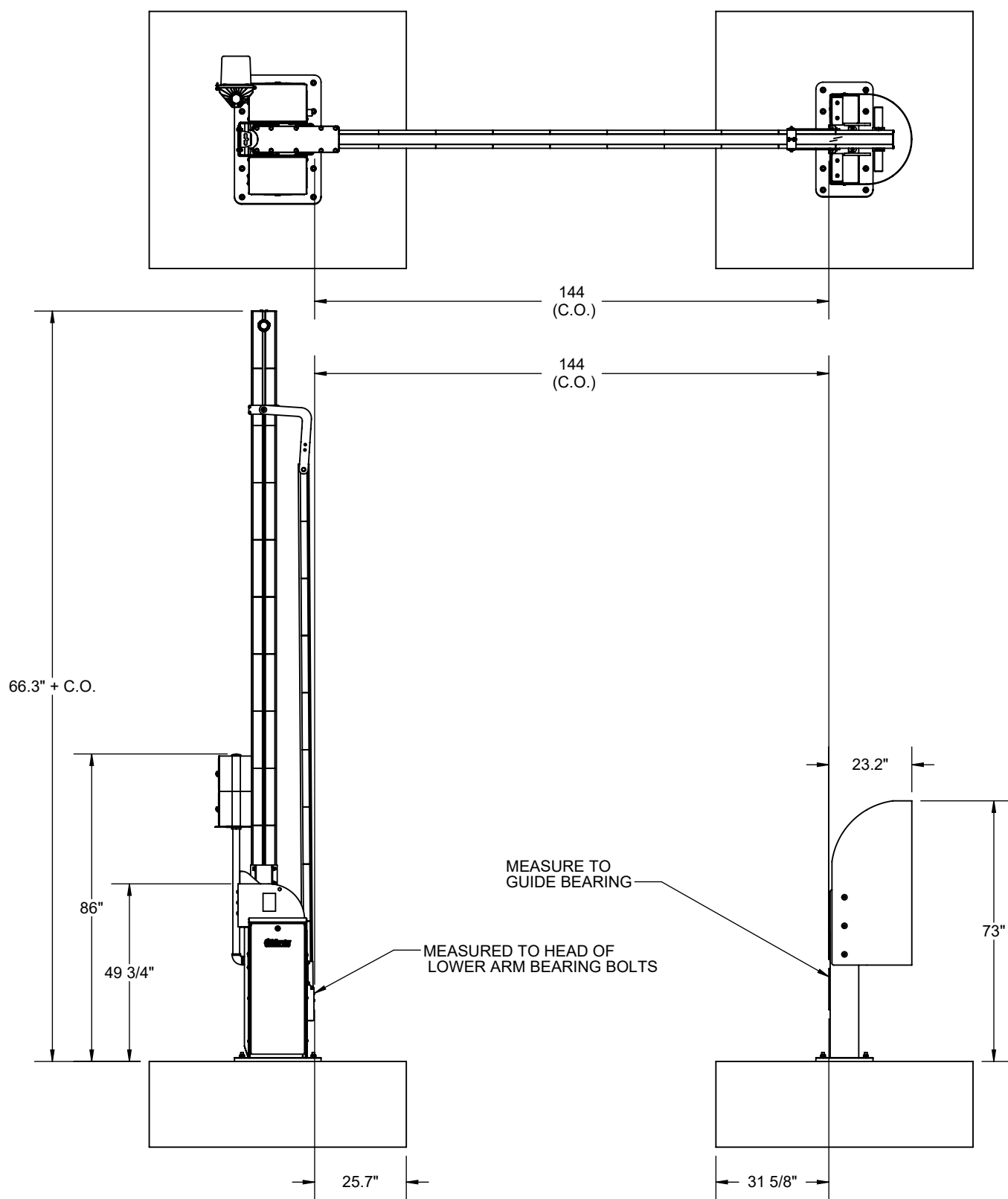
THIRD ANGLE PROJECTION

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SHT 7 OF 16

LTR	DESCRIPTION	DATE	APPRV'D
J	REVISED CONCRETE REQUIREMENT FROM 3,000 TO 4,000 PSI PER ENGINEERING REQUEST.	2/19/2019	RAW



DIMENSIONS SHOWN FOR 12' CLEAR OPENING EXAMPLE

NOTE: DRAWING IS NOT TO SCALE.



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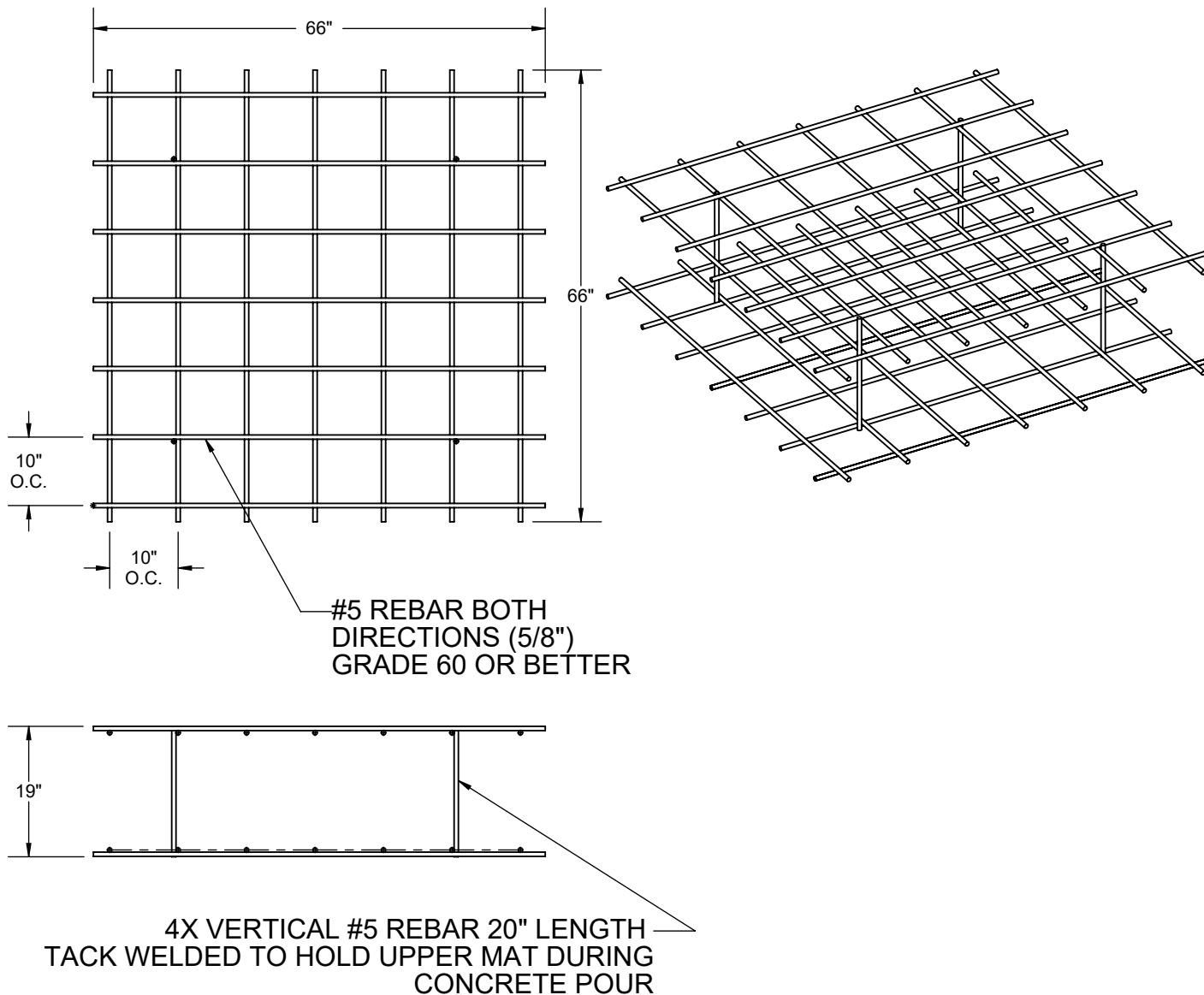
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APPROVED	DATE

DOCUMENT NUMBER: D0426
THIRD ANGLE PROJECTION

REV J
SHT 8 OF 16

LTR	DESCRIPTION	DATE	APPRV'D
J	REVISED CONCRETE REQUIREMENT FROM 3,000 TO 4,000 PSI PER ENGINEERING REQUEST.	2/19/2019	RAW

REBAR CAGE FOR 72" X 72" X 24" FOOTING



1. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
2. DESIGN SHOWN IS FOR A CONCRETE FOOTING 72 X 72 X 24. REBAR TO BE SPACED 2" FROM THE TOP OF CONCRETE FOOTING AND 3" FROM THE BOTTOM.
3. REBAR AND FOOTINGS ARE IDENTICAL FOR PIVOT AND CATCH SIDES (PIVOT AND CATCH POST HAVE DIFFERENT BOLT PATTERNS).

NOTE: DRAWING IS NOT TO SCALE.



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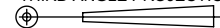
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THIRD ANGLE PROJECTION



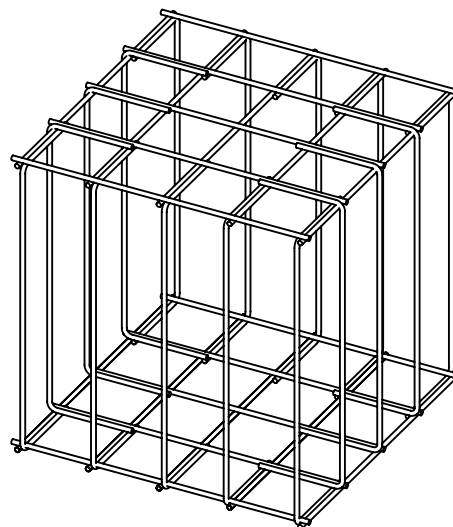
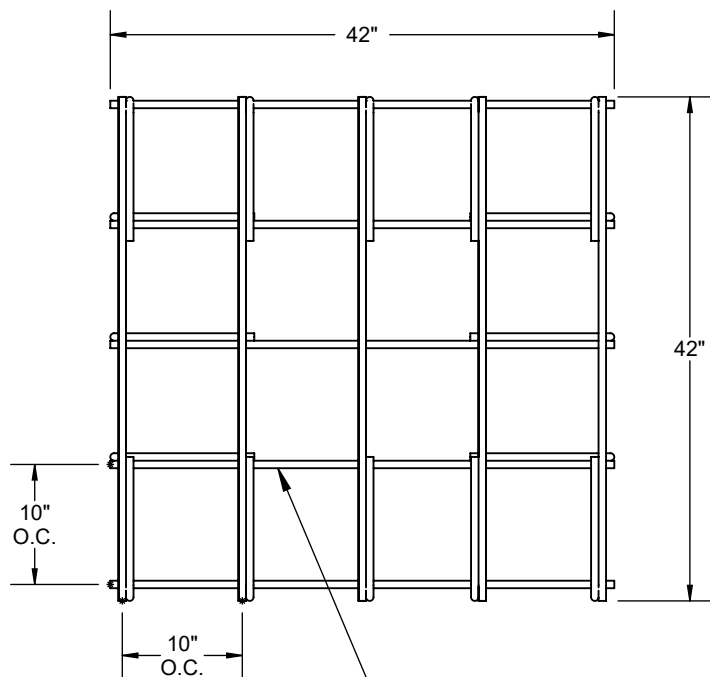
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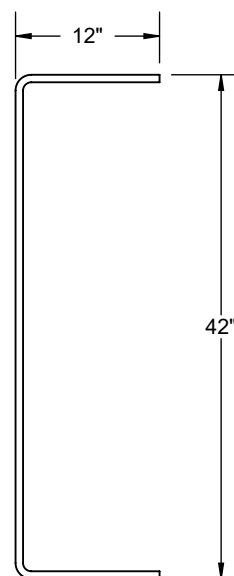
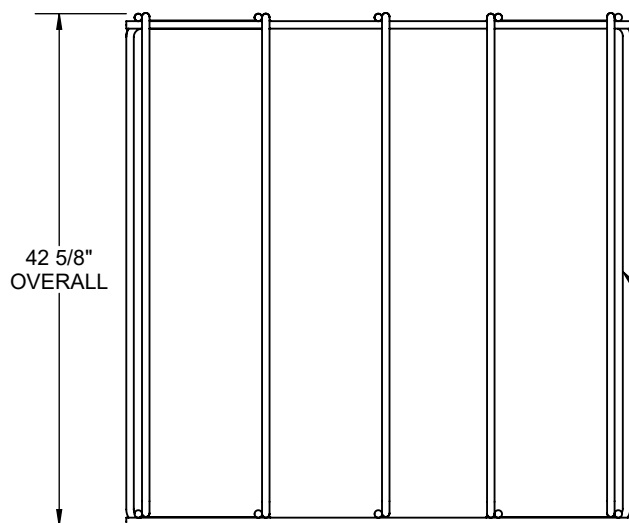
SHT 9 OF 16

LTR	DESCRIPTION	DATE	APPRV'D
J	REVISED CONCRETE REQUIREMENT FROM 3,000 TO 4,000 PSI PER ENGINEERING REQUEST.	2/19/2019	RAW

REBAR CAGE FOR 48" X 48" X 48" FOOTING



#5 REBAR BOTH DIRECTIONS (5/8")
GRADE 60 OR BETTER



16 VERTICAL #5 REBAR
GRADE 60 OR BETTER
BENT AS SHOWN

1. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
2. DESIGN SHOWN IS FOR A CONCRETE FOOTING 48" X 48" X 48" MIN. REBAR TO BE SPACED 2" FROM TOP OF CONCRETE FOOTING AND 3" FROM THE BOTTOM.
3. REBAR AND FOOTING ARE IDENTICAL FOR PIVOT AND CATCH SIDES (PIVOT AND CATCH POST HAVE DIFFERENT BOLT PATTERNS).

NOTE: DRAWING IS NOT TO SCALE.



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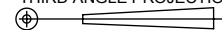
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THIRD ANGLE PROJECTION



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SHT 10 OF 16

