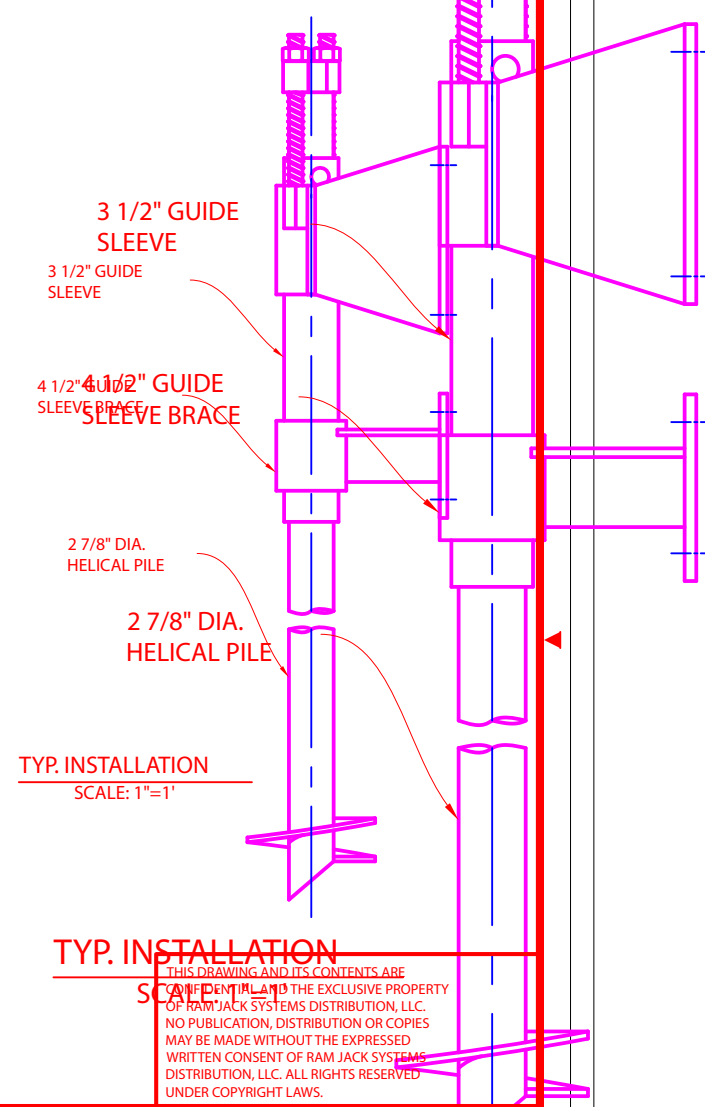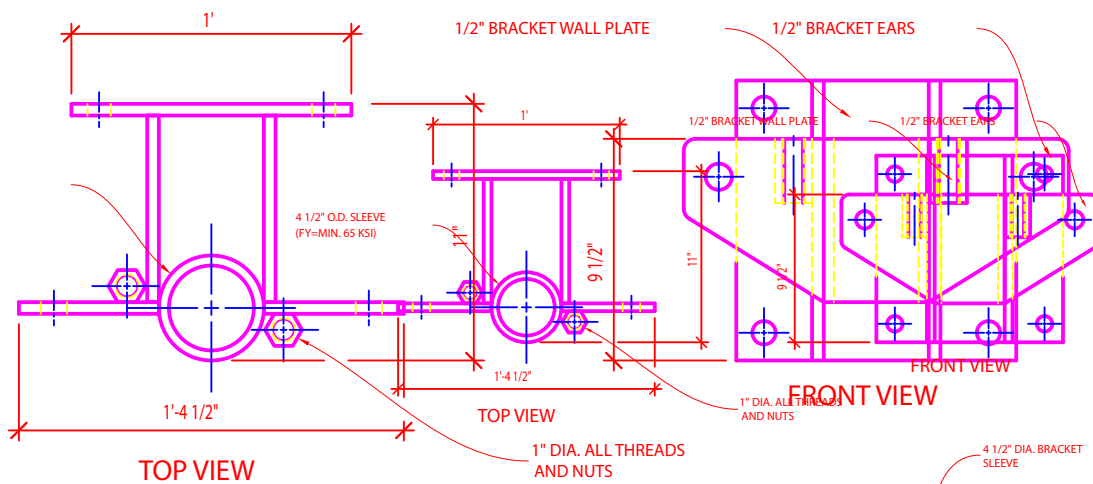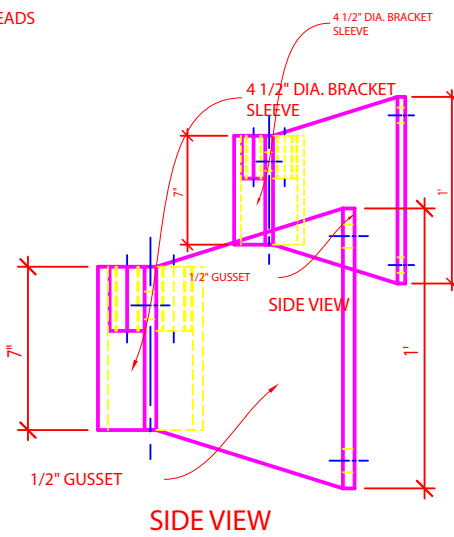NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL: ASTM A-36, 50 KSI
2. EXTERIOR THERMOPLASTIC POWDER
   COATING ALL OVER
3. ALL WELDS TO BE MINIMUM .1875 FILLET

1'

1/2" BRACKET WALL PLATE

1/2" BRACKET EARS

4 1/2" O.D. SLEEVE
(FY=MIN. 65 KSI)

1/2" BRACKET WALL PLATE

1/2" BRACKET EARS

4 1/2" O.D. SLEEVE
(FY=MIN. 65 KSI)

9 1/2"

11"

1'

FRONT VIEW

FRONT VIEW

1'-4 1/2"

TOP VIEW

TOP VIEW

1'-4 1/2"

1" DIA. ALL THREADS
AND NUTS

1" DIA. ALL THREADS
AND NUTS

NOTES:

1. POLYETHYLENE COPOLYMER THERMOPLASTIC COATING PER ICC-ES AC
   228
3. MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECONIZED WRITTEN
   QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING
   PROCESSES.
4. ALL WELDING IS TO BE DONE BY WELDERS CERTIFIED UNDER SECTION 5
   OF THE AWS CODE D1.1.
5. THE CAPACITY OF THE UNDERPINNING SYSTEM IS A FUNCTION OF MANY
   INDIVIDUAL ELEMENTS, INCLUDING THE CAPACITY OF THE FOUNDATION,
   BRACKET, PIER SHAFT, HELICAL PLATE, AND BEARING STRATA, AS WELL
   AS THE STRENGTH OF THE FOUNDATION BRACKET CONNECTION AND
   THE QUALITY OF THE INSTALLATION OF THE PILE. YOUR ACHIEVABLE
   CAPACITY COULD BE HIGHER OR LOWER THAN THOSE LISTED DEPENDING
   ON THE ABOVE FACTORS.
6. RAM JACK ENGINEERING HANDBOOK FOR ALLOWABLE VALUES AND/OR
   CONDITIONS OF USE CONCERNING MATERIAL PRESENTED IN THIS DOCUMENT.

4 1/2" DIA. BRACKET
SLEEVE

4 1/2" DIA. BRACKET
SLEEVE

7"

1"

1/2" GUSSET

SIDE VIEW

7"

1'

1/2" GUSSET

SIDE VIEW

3 1/2" GUIDE
SLEEVE

3 1/2" GUIDE
SLEEVE

4 1/2" GUIDE
SLEEVE BRACE

4 1/2" GUIDE
SLEEVE BRACE

2 7/8" DIA.
HELICAL PILE

2 7/8" DIA.
HELICAL PILE

TYP. INSTALLATION
SCALE: 1"=1'

TYP. INSTALLATION
SCALE: 1"=1'

RevN	Revision note	Date	Signature	Check
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UNLESS OTHERWISE SPECIFED
* DIMENSIONS ARE IN INCHES
* TOLERANCES: ANGLE ±1°
                3 PLACE DECIMALS ± .010
                2 PLACE DECIMALS ± .02
* REMOVE ALL BURRS AND SHARP EDGES
* PARENTHETICAL INFO FOR REF ONLY

HOLE TOLERANCES

.013 THRU .125	+.004 -.001	.126 THRU .250	+.004 -.001	.251 THRU .500	+.006 -.001
.501 THRU .750	+.008 -.001	.751 THRU 1.000	+.010 -.001	1.001 THRU 2.000	+.012 -.001

FILE NAME FILE_NAME	FSCM NO FSCM_NO	SHEET SHEET	SCALE SCALE
SIZE SIZE		DESIGN_ACTIVITY	
DRAWN CHECK_DATE			
CHECK CHECK_DATE CHECKED_BY		SHEETNAME	
APPR. APPROVAL_DATE		DRAWING_SUBTITLE	
ISSUED ISSUE_DATE ISSUED_BY			
REV REVISION		DWG	
CONTRACT NO CONTRACT_NO		SHEETNUMBER-NAME	