

**APPLICATION FOR OSHPD PREAPPROVAL** 

### OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT **FACILITIES DEVELOPMENT DIVISION**

OFFICE USE ONLY

OF MANUFACTURER'S CERTIFICATION (OPM) APPLICATION #: OPM-0482-19
OSHPD Preapproval of Manufacturer's Certification (OPM)
Type:  ☐ New ☐ Renewal ☐ Update to Pre-CBC 2013 OPA Number:
Manufacturer Information
Manufacturer: Amico Clinical Solutions
Manufacturer's Technical Representative: Agustin Garcia de Paredes
Mailing Address: 55 East Wilmot St. Richmond Hill, ON, L4B 1A3
Telephone: 905-764-0800 ext. 5256 Email: DAGarciadeParedes@amico.com
Product Information
Product Name: Spectra Series Pendants
Product Type: Pendants for medgas, electrical & data outlets, lighting, Motorized Patient Lift Pendant (PLP)
Single Light Arm Pendant, Single Heavy Arm Pendant with Optional PLP, V Series (Vertical Movement) Pendant, Tandem Arm Pendants (Light Arm & Heavy Arm) with Optional PLP, Tandem Arm Pendants (Light Arm with V Series)
General Description:  All Single & Tandem Pendants are supported by steel flange plates, mounting plates, and
structural plates that are supported via steel brace details above the room ceiling that are
supported by tube steel members that in turn are attached to supporting structural steel.
Applicant Information
Applicant Company Name: Amico Clinical Solutions  Amico Clinical Solutions
Contact Person: Agustin Garcia de Paredes
55 East Wilmot St. Richmond Hill, ON, L4B 1A3
Telephone: 905-764-0800 ext. 5256 Email: AGarciadeParedes@amico.com
I hereby agree to reimburse the Office of Statewide Health Planning and Development review fees in accordance with the California Administrative Code, 2016.
Signature of Applicant: Date: 26-Mar-2018
Title: Global Manager QA/RA Company Name: Amico Clinical Solutions Corp.

"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"





Page 1 of 2



### OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT **FACILITIES DEVELOPMENT DIVISION**

Registered Design Professional Preparing Engineering Recommendations
Company Name: CYS Structural Engineers, Inc.
Name: Dieter T. Siebald California License Number: S4346
Mailing Address: 2495 Natomas Park Drive, #650, Sacramento, CA 95833
Telephone: 916-920-2020 Email: dieters@cyseng.com
OSHPD Special Seismic Certification Preapproval (OSP)
<ul> <li>Special Seismic Certification is preapproved under OSP- (Separate application for OSP is required)</li> <li>Special Seismic Certification is not preapproved</li> </ul>
Certification Method(s)
☐ Testing in accordance with: ☐ ICC-ES AC156 ☐ FM 1950-16 ☐ Other* (Please Specify):
*Use of criteria other than those adopted by the California Building Standards Code, 2016 (CBSC 2016) for component supports and attachments are not permitted. For distribution system, interior partition wall, and suspended ceiling seismic bracings, test criteria other than those adopted in the CBSC 2016 may be used when approved by OSHPD prior to testing.  Analysis  Experience Data  Combination of Testing, Analysis, and/or Experience Data (Please Specify):
List of Attachments Supporting the Manufacturer's Certification
<ul> <li>☐ Test Report</li> <li>☐ Other(s) (Please Specify):</li> </ul> Calculations ☑ Manufacturer's Catalog
OFFICE USE ONLY – OSHPD APPROVAL VALID FOR CBC 2016 & ALL PRE-2016 CODE BASED PROJECTS  Signature: Date: 11/27/2019
Print Name:
Title: Structural Engineer
Condition of Approval (if applicable):

"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"





	TAGE
GENERAL NOTES	2
ABBREVIATIONS DESIGN CRITERIA	
SINGLE LIGHT ARM PENDANT	4
SINGLE HEAVY ARM PENDANT W/ OPTIONAL PATIENT LIFT PENDANT (PLP)	5
V SERIES (VERTICAL MOVEMENT) PENDANT TANDEM ARM PENDANTS (LIGHT ARM & HEAVY ARM)	6
W/ OPTIONAL PATIENT LIFT PENDANT (PLP)	
TANDEM ARM PENDANTS (LIGHT ARM & V SERIES)	8
ATTACHMENT DETAILS	
PENDANT ASSEMBLY DETAILS	
SINGLE PENDANT PLATE DETAILS TANDEM PENDANT PLATE DETAILS	115
BRACE ATTACHMENT DETAILS	
	(XXX)

NOTES: 1. THESE DRAWINGS ARE PREPARED FOR AMICO CLINICAL SOLUTIONS, RICHMOND HILL, ONTARIO, CANADA.

- 2. THE CONTRACTOR & INSPECTOR OF RECORD SHALL OBTAIN A COPY OF THIS PRE-APPROVAL FROM THE OSHPD PRE-APPROVAL PROGRAMS WEBSITE.
- 3. THIS PRE-APPROVAL COVERS THE SUPPORTS & ATTACHMENTS OF THE OVERHEAD PENDANTS TO THE SUPPORTING STRUCTURE. SEE ATTACHMENT DETAILS FOR ITEMS: Jeffrey Kikumoto SUPPLIED BY AMICO OR CONTRACTOR.
- 4. THE AMICO SPECTRA SERIES PENDANTS ARE OVERHEAD ARM SYSTEMS CONSISTING OF A LIGHT ARM PENDANT, A HEAVY ARM PENDANT AND A V SERIES PENDANT. THE HEAVY ARM PENDANT INCLUDES AN OPTIONAL PATIENT LIFT PENDANT, THE LIGHT ARM PENDANT CAN BE USED TOGETHER WITH THE HEAVY ARM OR V SERIES PENDANTS TO FORM THE TANDEM ARM PENDANTS.

: 11/27/2019

OPM-0482-19

PAGE

BUILDING

PROFESS /ON PROFES

Page:

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SHEET TITLE: TABLE OF CONTENTS

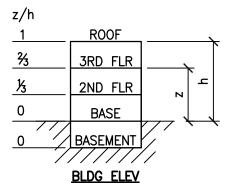
Rev Description Date Job No: 17104
Date: 11/27/2019

AMICO CLINICAL SOLUTIONS
SPECTRA SERIES PENDANTS

CYS STRUCTURAL ENGINEERS, INC.
2495 NATOMAS PARK DRIVE, SUITE 650
TEL (916) 920-2020
Page 1 of 14

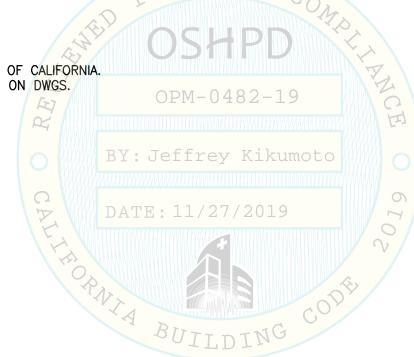
### **GENERAL NOTES:**

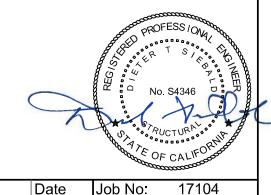
- 1. THIS OSHPD PRE-APPROVAL OF MANUFACTURER'S CERTIFICATION (OPM) IS BASED ON THE CBC 2019. THE DEMAND (DESIGN FORCES) FOR USE WITH THIS OPM SHALL BE BASED ON THE CBC 2019.
- 2. IT IS THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER OF RECORD (SEOR) OF A SITE SPECIFIC PROJECT TO VERIFY.
- A. THE ADEQUACY OF THE NEW OR EXISTING STRUCTURE TO RESIST THE FORCES & WT SPECIFIED FOR EA EQUIP IN ADDITION TO ALL OTHER LOADS. PROVIDE & DESIGN SUPPLEMENTARY MEMBERS AS REQ.
- B. THAT THE INSTALLATION IS IN CONFORMANCE W/ THE CBC 2019 & W/ THE DETAILS SHOWN IN THIS PRE-APPROVAL.
- C. THAT THE ACTUAL EQUIP'S WT, CENTER OF GRAVITY (CG) LOCATION, SUPPORT & ATTACHMENT LOCATIONS, SUPPORT & ATTACHMENT DETAILS, & THE MATERIAL & GA OF THE EQUIP WHERE ATTACHMENTS ARE MADE, AGREE W/ THE INFORMATION SHOWN ON THE PRE-APPROVAL DOCUMENTS.
- 3. A SINGLE CASE OF ATTACHMENT IS SPECIFIED & PRESENTED IN THIS PRE-APPROVAL:



ATTACHMENT DETAILS LOCATED AT UPPER FLRS & ROOF ABV THE BASE OF A BLDG. THE FLRS & ROOFS ARE ASSUMED TO BE BUILT OF A MIN 31/4" SLWC TOPPING OVER 3" DEEP MIN 20 GA MTL DECK (f'c = 3000 PSI, MIN). FOR z/h RATIOS & SDS VALUES SEE DESIGN CRITERIA & COMPONENT DWGS.

4. THIS PRE-APPROVAL MAY BE USED AT ANY GEOGRAPHICAL LOCATION IN THE STATE OF CALIFORNIA. WHERE  $S_{DS}$  IS LESS THAN OR EQ TO MAX  $S_{DS}$  VALUE AT EA COMPONENT AS NOTED ON DWGS.





Date:

SHEET TITLE: GENERAL NOTES



AMICO CLINICAL SOLUTIONS SPECTRA SERIES PENDANTS



CYS STRUCTURAL ENGINEERS, INC.

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By:

Rev Description

11/27/2019

2 of 14

MTC

LBS **POUNDS LRFD** LOAD & RESISTANCE FACTOR DESIGN MILLIMETER mm MAX MAXIMUM MIN MINIMUM

MTL METAL

NO. (#) NUMBER OR POUNDS OΡ **OPERATING** OPG **OPENING** 

**OPM** OSPHD PRE-APPROVAL OF MANUFACTURER'S CERTIFICATION

**OSHPD** OFFICE OF STATEWIDE HEALTH PLANNING & DEVELOPMENT

PAGE PLATE PLP PATIENT LIFT PENDANT **PSI** POUNDS PER SQUARE INCH

**REQ** REQUIRED **SEOR** STRUCTURAL ENGINEER OF RECORD SIM

SAND-LIGHTWEIGHT CONCRETE SLWC SQ SQUARE STD **STANDARD** STL STEEL **STRUC STRUCTURAL** 

THK THICK/THICKNESS **THRD** THREAD OR THREADED

ANCHORAGE TENSION REACTION DUE TO 0 4 COMPONENT FORCES (LRFD) Tu SEISMIC FORCE AT LRFD

TYP **TYPICAL** UNO UNLESS NOTED OTHERWISE BY: Jeffrey Ki **VERT** VERTICAL Vu

ANCHORAGE SHEAR REACTION DUE TO SEISMIC FORCE AT LRFD COMPONENT OPERATING WEIGHT

FOR HORIZONTAL SEISMIC FORCE. INCLUDES 20% OF LIVE LOAD. WHERE OCCURS

COMPONENT OPERATING WEIGHT FOR VERTICAL SEISMIC FORCE. INCLUDES 100% OF LIVE LOAD,

WT WEIGHT W/ WITH W/O WITHOUT SUPPORT & ATTACHMENT DESIGN CRITERIA

DESIGN FOR OVERHEAD PENDANT MOUNTING SYSTEM IS PER 2019 CBC AT LRFD LEVEL FORCES.

= SEE <u>PGS 4-8</u> = SEE <u>PGS 4-8</u> z/h = SEE PGS 4-8= SEE PGS 4-8

= 1.5 = 2.5

= 2.5 $\Omega_0 = 2.0$  (FOR ATTACHMENT TO CONC ONLY)

MIN Fp =  $0.30 S_{DS}$  Ip Wp MAX Fp = 1.60  $S_{DS}$  Ip Wp

 $Fp = 0.4a_p S_{DS} Ip Wp (1+2 z/h)/Rp$ 

 $F_{pv} = \pm 0.20 S_{DS} Wpv$ 

LOAD COMBINATIONS

CODF

1.  $(1.2 + 0.2 S_{DS})$  D + 1.0L + 1.0E (WHERE LIVE LOAD OCCURS)

2.  $(1.2 + 0.2 S_{DS}) D + 1.0E$ 

Tu = TENSIONVu = SHEAR

Mu = MOMENT

M<sub>TU</sub> =TORSIONAL MOMENT

WHERE OCCURS

Job No:

Date:

By:

Date

SHEET TITLE: ABBREVIATIONS & DESIGN CRITERIA

HOLLOW STRUCTURAL SECTION

KIPS PER SQUARE INCH

HORIZ

HSS

HT IN (")

KSI

AMICO CLINICAL SOLUTIONS SPECTRA SERIES PENDANTS



# CYS STRUCTURAL ENGINEERS, INC.

Rev Description

17104

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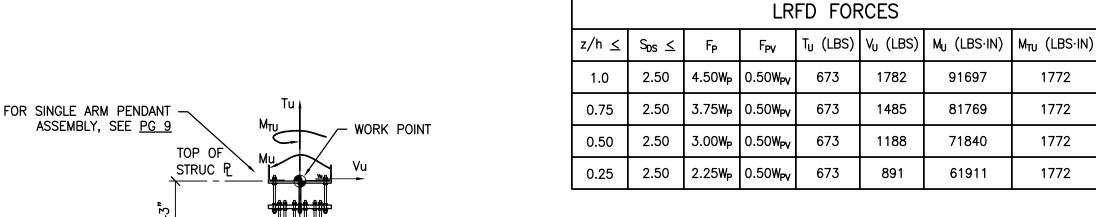
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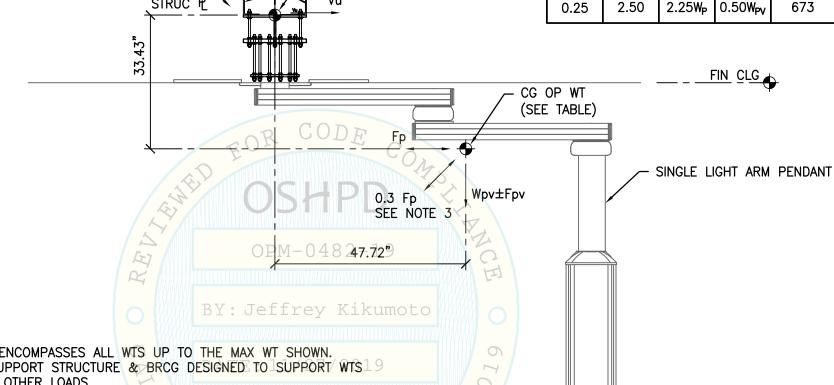
GAUGE

**HEIGHT** 

INCH

HORIZONTAL





COMPONENT WT (I DC)

- 1. CG WT IS A MAX. THIS PRE-APPROVAL ENCOMPASSES ALL WTS UP TO THE MAX WT SHOWN.
- 2. SEOR FOR THE BLDG SHALL PROVIDE SUPPORT STRUCTURE & BRCG DESIGNED TO SUPPORT WTS 1 9 & FORCES SHOWN, IN ADDITION TO ALL OTHER LOADS.
- 3. THIS OPM CONSIDERS THAT THE COMPONENT IS IN AN UNLOCKED POSITION AFTER OVERCOMING A BRAKE FORCE (FR) OF 25 LBS AT 70.87" (1800mm) FROM WORK POINT. MTU = 1772 LBS-IN.
- 4. Wp INCLUDES WT OF ALL ITEMS SUPPLIED BY AMICO.
- UNIT IS FREE TO ROTATE 360 DEGREES AROUND.
- THIS DRAWING QUALIFIES THE FOLLOWING THIRTEEN MODEL #:
  - LP-L-1NNN-N-E
  - LP-L-2NNN-N-E
  - LP-L-8NNN-N-E
  - LP-L-11NN-N-E
  - LP-L-11NN-R-E
  - LP-L-18NN-N-E
  - LP-L-18NN-R-E
  - LP-L-21NN-N-E
  - LP-L-22NN-N-E
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  - LP-L-28NN-R-E
  - LP-L-88NN-N-E
  - LP-L-88NN-R-E

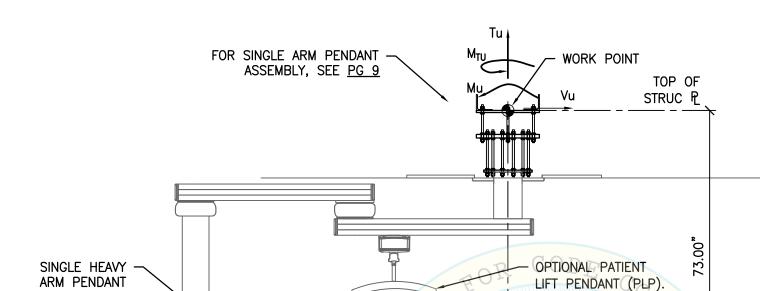
SPECTRA SERIES PENDANTS

COMPONEN	I WI (LDS)
$W_{P}$	396
W <sub>PV</sub>	396

SHEET TITLE: SINGLE LIGHT ARM PENDANT 17104 Rev Description Date Job No: 11/27/2019 Date: CYS STRUCTURAL ENGINEERS, INC. Ву MTC AMICO CLINICAL SOLUTIONS



2495 NATOMAS PARK DRIVE, SUITE 650 SACRAMENTO, CA 95833



CG OP WT (SEE TABLE)

46.16" MAX

(VARIES) ATE

Wpv±Fpv

			LR	FD FOF	RCES		
z/h <u>≤</u>	S <sub>DS</sub> ≤	F <sub>P</sub>	F <sub>PV</sub>	T <sub>U</sub> (LBS)	V <sub>U</sub> (LBS)	M <sub>U</sub> (LBS·IN)	M <sub>TU</sub> (LBS·IN)
1.0	1.60	2.88W <sub>P</sub>	0.32W <sub>PV</sub>	2215	1892	240564	1772
0.75	1.85	2.78W <sub>P</sub>	0.37W <sub>PV</sub>	2287	1823	238883	1772
0.50	2.25	2.70W <sub>P</sub>	0.45W <sub>PV</sub>	2404	1774	240661	1772
0.25	2.50	2.25W <sub>P</sub>	0.50W <sub>PV</sub>	2477	1478	222409	1772

\_\_\_ \_ FIN CLG

COMPONENT WT &	: LIVE LOAD (LBS)
W <sub>P</sub>	457 (SEE NOTE 6)
W <sub>PV</sub>	1457 (SEE NOTE 7)
PATIENT WT, PL	1000 MAX

### NOTES:

1. CG WT IS A MAX. THIS PRE-APPROVAL ENCOMPASSES ALL WTS UP TO THE MAX WT SHOWN.

0.3 Fp SEE NOTE 3

- 2. SEOR FOR THE BLDG SHALL PROVIDE SUPPORT STRUCTURE & BRCG DESIGNED TO SUPPORT WTS & FORCES SHOWN, IN ADDITION TO ALL OTHER LOADS.
- 3. THIS OPM CONSIDERS THAT THE COMPONENT IS IN AN UNLOCKED POSITION AFTER OVERCOMING A BRAKE FORCE ( $F_B$ ) OF 25 LBS AT 70.87" (1800mm) FROM WORK POINT.  $M_{TU} = 1772$  LBS IN.
- 4. Wp INCLUDES WT OF ALL ITEMS SUPPLIED BY AMICO.
- 5. UNIT IS FREE TO ROTATE 360 DEGREES AROUND.
- 6. THE HORIZ SEISMIC FORCE INCLUDES 20% OF THE LIVE LOAD IN THE SEISMIC MASS, SEE TABLE FOR Wp.
- 7. THE VERT SEISMIC FORCE INCLUDES 100% OF THE LIVE LOAD IN THE SEISMIC MASS, SEE TABLE FOR Wpv.
- 8. TABLE REFLECTS VALUES THAT INCLUDE THE OPTIONAL PATIENT LIFT PENDANT.
- 9. THIS DRAWING QUALIFIES THE FOLLOWING TWO MODEL #:
  - LP-L-PLP-18NN-R-E
  - LP-L-PLP-28NN-R-E

	$\overline{\Omega V\Omega}$	$\overline{}$

SHEET TITLE: SINGLE HEAVY ARM PENDANT W/ OPTIONAL PATIENT LIFT PENDANT (PLP)

CYS STRUCTURAL ENGINEERS, INC.

2495 NATOMAS PARK DRIVE, SUITE 650 SACRAMENTO. CA 95833

SEE NOTE 8

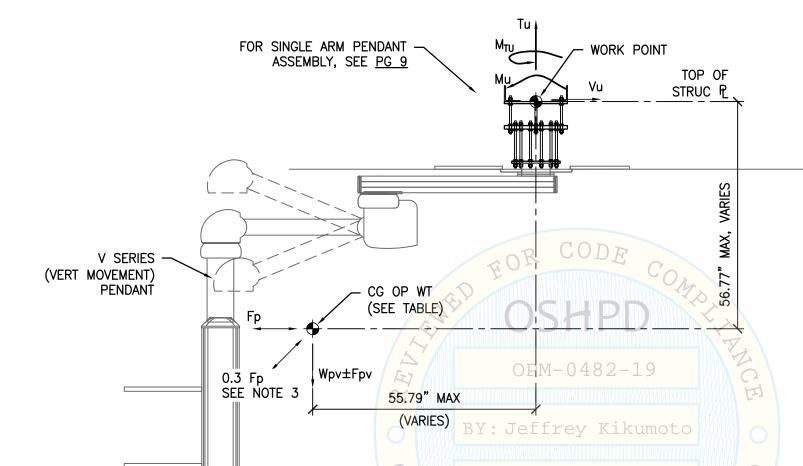
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BY: Jeffrey Kikumoto

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	Rev	Description	Date	Job No:	17104
				Date:	11/27/2019
				By:	MTC
-2020					
.com				Page:	5 of 14

AMICO CLINICAL SOLUTIONS SPECTRA SERIES PENDANTS



LRFD FORCES							
z/h <u>≤</u>	S <sub>DS</sub> ≤	F <sub>P</sub>	F <sub>PV</sub>	T <sub>U</sub> (LBS)	Vu (LBS)	M <sub>U</sub> (LBS·IN)	M <sub>TU</sub> (LBS·IN)
1.0	2.10	3.78W <sub>P</sub>	0.42W <sub>PV</sub>	1463	2809	241054	1772
0.75	2.45	3.68W <sub>P</sub>	0.49W <sub>PV</sub>	1526	2731	240151	1772
0.50	2.50	3.00W <sub>P</sub>	0.50W <sub>PV</sub>	1535	2229	212184	1772
0.25	2.50	2.25W <sub>P</sub>	0.50W <sub>PV</sub>	1535	1672	180548	1772

FIN CLG

COMPONENT WT &	: LIVE LOAD (LBS)
W <sub>P</sub>	703 (SEE NOTE 6)
W <sub>PV</sub>	903 (SEE NOTE 7)
PAY LOAD	200 MAX

- 1. CG WT IS A MAX. THIS PRE-APPROVAL ENCOMPASSES ALL WTS UP TO THE MAX WT SHOWN.
- 2. SEOR FOR THE BLDG SHALL PROVIDE SUPPORT STRUCTURE & BRCG DESIGNED TO SUPPORT WTS & FORCES SHOWN, IN ADDITION TO ALL OTHER LOADS.
- 3. THIS OPM CONSIDERS THAT THE COMPONENT IS IN AN UNLOCKED POSITION AFTER OVERCOMING A BRAKE FORCE ( $F_B$ ) OF 25 LBS AT 70.87" (1800mm) FROM WORK POINT.  $M_{TU} = 1772$  LBS·IN.
- Wp INCLUDES WT OF ALL ITEMS SUPPLIED BY AMICO.
- 5. UNIT IS FREE TO ROTATE 360 DEGREES AROUND.
- 6. THE HORIZ SEISMIC FORCE INCLUDES 20% OF THE LIVE LOAD (PAY LOAD) IN THE SEISMIC MASS, SEE TABLE FOR Wp.
- 7. THE VERT SEISMIC FORCE INCLUDES 100% OF THE LIVE LOAD (PAY LOAD) IN THE SEISMIC MASS, SEE TABLE FOR Wpv.
- 8. THIS DRAWING QUALIFIES THE FOLLOWING SIX MODEL #:
  - LP-V-11NN-N-E-90
  - LP-V-18NN-N-E-90
  - LP-V-21NN-N-E-90
  - LP-V-28NN-N-E-90
  - LP-V-81NN-N-E-90
  - LP-V-88NN-N-E-90

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	MII 1 M N I I	11/ 'A1 K// W/EK/EKIT \ DEF		
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AMICO CLINICAL SOLUTIONS SPECTRA SERIES PENDANTS



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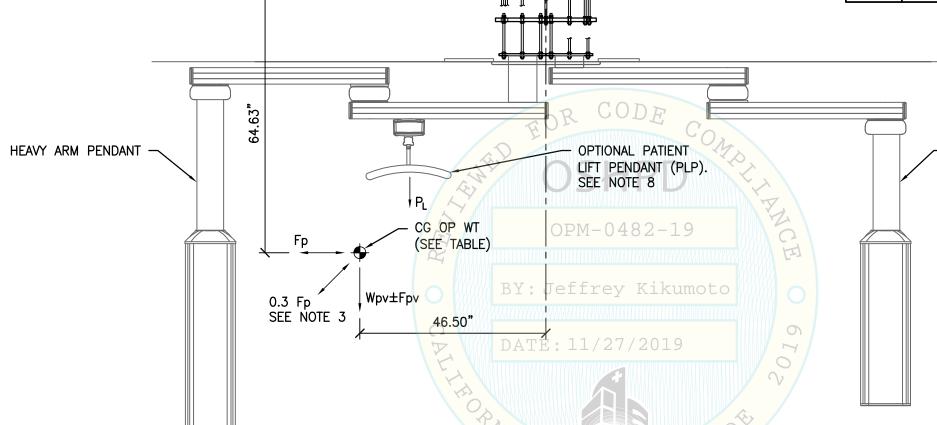
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Rev Description

	A DOWNSONDER		
Date	Job No:	17104	
	Date:	11/27/2019	
	Ву:	MTC	

Page:

DATE: 11/27/2019



COMPONENT WT &	: LIVE LOAD (LBS)	
W <sub>P</sub> 853 (SEE NOTE 6)		
W <sub>PV</sub>	1853 (SEE NOTE 7)	
PATIENT WT, PL	1000 MAX	

- 1. CG WT IS A MAX. THIS PRE-APPROVAL ENCOMPASSES ALL WTS UP TO THE MAX WT SHOWN.
- 2. SEOR FOR THE BLDG SHALL PROVIDE SUPPORT STRUCTURE & BRCG DESIGNED TO SUPPORT WTS & FORCES SHOWN, IN ADDITION TO ALL OTHER LOADS.
- 3. THIS OPM CONSIDERS THAT THE COMPONENT IS IN AN UNLOCKED POSITION AFTER OVERCOMING A BRAKE FORCE ( $F_B$ ) OF 25 LBS AT 70.87" (1800mm) FROM WORK POINT.  $M_{TU} = 1772$  LBS-IN.
- 4. Wp INCLUDES WT OF ALL ITEMS SUPPLIED BY AMICO.
- 5. UNIT IS FREE TO ROTATE 360 DEGREES AROUND.
- 6. THE HORIZ SEISMIC FORCE INCLUDES 20% OF THE LIVE LOAD IN THE SEISMIC MASS, SEE TABLE FOR Wp.
- THE VERT SEISMIC FORCE INCLUDES 100% OF THE LIVE LOAD IN THE SEISMIC MASS, SEE TABLE FOR Wov.
- 8. TABLE REFLECTS VALUES THAT INCLUDE THE OPTIONAL PATIENT LIFT PENDANT.

- 9. THIS DRAWING QUALIFIES THE FOLLOWING FIFTEEN MODEL #:
  - LP-L-1111-N-E
  - LP-L-1111-R-E
  - LP-L-1818-N-E
  - LP-L-1818-R-E
  - LP-L-1888-N-E
  - LP-L-1888-R-E
  - LP-L-2211-N-E
  - LP-L-2211-R-E
- LP-L-2888-R-E LP-L-8888-N-E
- LP-L-2828-R-E

• LP-L-2828-N-E

- LP-L-8888-R-E
- LP-L-PLP-1811-R-E

LIGHT ARM PENDANT

- LP-L-PLP-1888-R-E
- LP-L-PLP-2888-R-E



SHEET TITLE: TANDEM ARM PENDANTS (LIGHT ARM & HEAVY ARM) W/ OPTIONAL PATIENT LIFT PENDANT (PLP)



AMICO CLINICAL SOLUTIONS SPECTRA SERIES PENDANTS



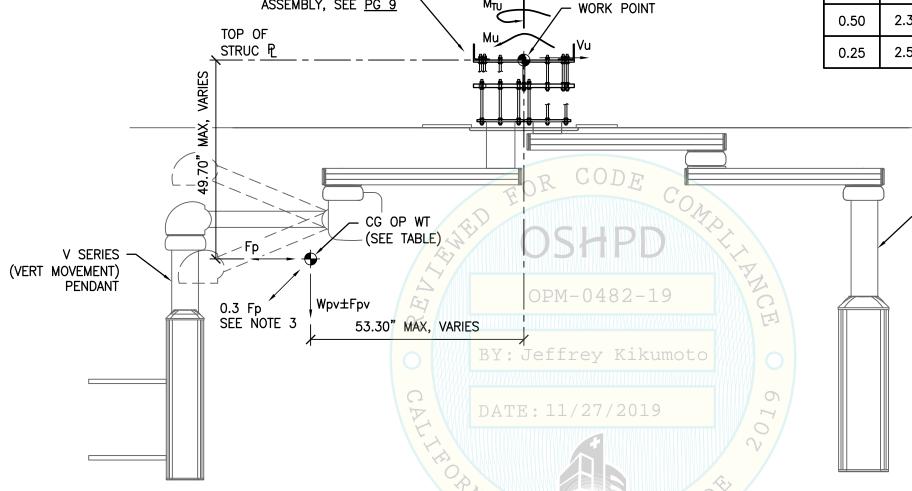
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2495 NATOMAS PARK DRIVE, SUITE 650 SACRAMENTO, CA 95833

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FIN CLG

LIGHT ARM PENDANT



COMPONENT WT & LIVE LOAD (LBS)  $W_P$ 1099 1299 PAY LOAD 200 MAX

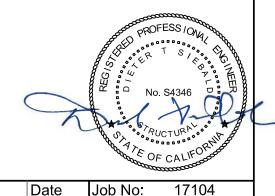
1. CG WT IS A MAX. THIS PRE-APPROVAL ENCOMPASSES ALL WTS UP TO THE MAX WT SHOWN. 2. SEOR FOR THE BLDG SHALL PROVIDE SUPPORT STRUCTURE & BRCG DESIGNED TO SUPPORT WTS

FOR TANDEM ARM PENDANT

ASSEMBLY, SEE PG 9

- & FORCES SHOWN, IN ADDITION TO ALL OTHER LOADS. 3. THIS OPM CONSIDERS THAT THE COMPONENT IS IN AN UNLOCKED POSITION AFTER OVERCOMING A
- BRAKE FORCE ( $F_B$ ) OF 25 LBS AT 70.87" (1800mm) FROM WORK POINT.  $M_{TU} = 1772$  LBS-IN.
- 4. Wp INCLUDES WT OF ALL ITEMS SUPPLIED BY AMICO.
- 5. UNIT IS FREE TO ROTATE 360 DEGREES AROUND.
- THE HORIZ SEISMIC FORCE INCLUDES 20% OF THE LIVE LOAD (PAY LOAD) IN THE SEISMIC MASS, SEE TABLE FOR Wp.
- 7. THE VERT SEISMIC FORCE INCLUDES 100% OF THE LIVE LOAD (PAY LOAD) IN THE SEISMIC MASS, SEE TABLE FOR Wpv.

- 8. THIS DRAWING QUALIFIES THE FOLLOWING EIGHT MODEL #:
  - LP-V-TM-1111-N-E-90
  - LP-V-TM-1118-N-E-90
  - LP-V-TM-1188-N-E-90
  - LP-V-TM-1818-N-E-90
  - LP-V-TM-1888-N-E-90
  - LP-V-TM-881N-N-E-90 • LP-V-TM-8818-N-E-90
  - LP-V-TM-8888-N-E-90



SHEET TITLE: TANDEM ARM PENDANTS (LIGHT ARM & V SERIES)



AMICO CLINICAL SOLUTIONS SPECTRA SERIES PENDANTS



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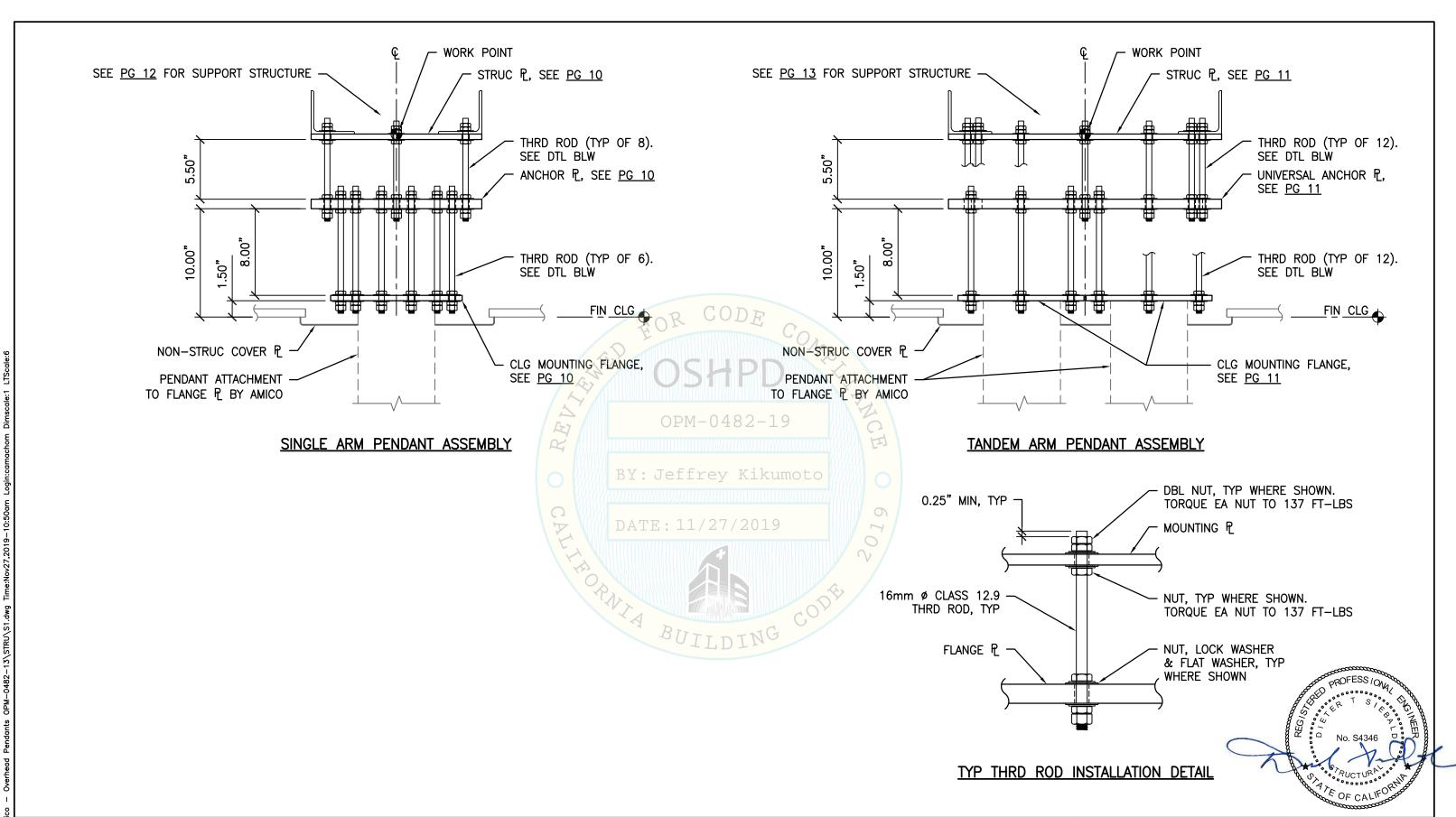
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0-2020		
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Rev Description

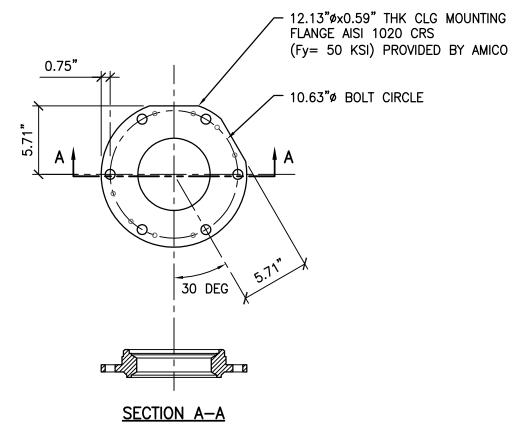
11/27/2019

8 of 14

MTC



SHEET TITLE: PENDANT ASSEMBLY DETAILS Job No: 17104 Rev Description Date 11/27/2019 Date: CYS STRUCTURAL ENGINEERS, INC. MTC Ву AMICO CLINICAL SOLUTIONS 2495 NATOMAS PARK DRIVE, SUITE 650 TEL (916) 920-2020 SPECTRA SERIES PENDANTS **Imico** 9 of 14 Page: SACRAMENTO, CA 95833 www.cyseng.com



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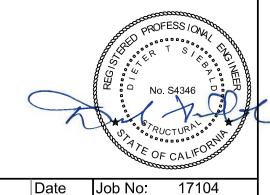
Rev Description SHEET TITLE: SINGLE PENDANT PLATE DETAILS 17104 Job No: Date 11/27/2019 Date: CYS STRUCTURAL ENGINEERS, INC. MTC Ву AMICO CLINICAL SOLUTIONS 2495 NATOMAS PARK DRIVE, SUITE 650 TEL (916) 920-2020

10.63"ø BOLT CIRCLE (TYP OF 2) 0 0 0 0 OPM-0482-19 0.689"ø HOLE 0.88" THK MOUNTING P CSA G40.21 44W (TYP OF 12) (Fy= 44 KSI) PROVIDED BY AMICO DATE: 11/27/2019 UNIVERSAL ANCHOR PLATE

12.13"øx 0.59" THK CLG MOUNTING FLANGE AISI 1020 CRS (Fy= 50 KSI). SEE PG 10 OF 14 10.63"ø BOLT CIRCLE (TYP OF 2)

SECTION A-A

CEILING MOUNTING FLANGE



SHEET TITLE: TANDEM PENDANT PLATE DETAILS

**I**mico

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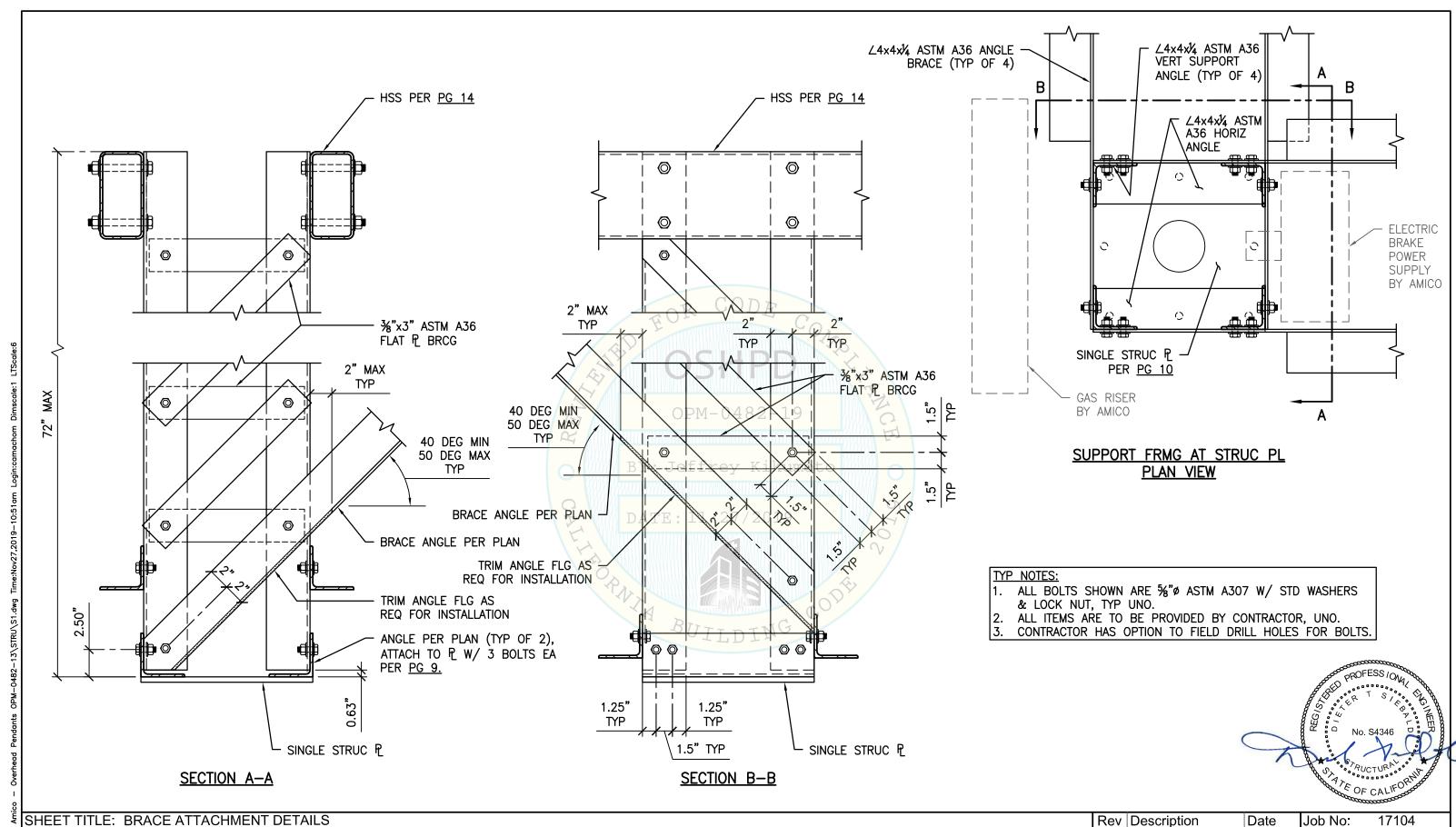
Date

Rev Description

11/27/2019

11 of 14

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SHEET TITLE: BRACE ATTACHMENT DETAILS

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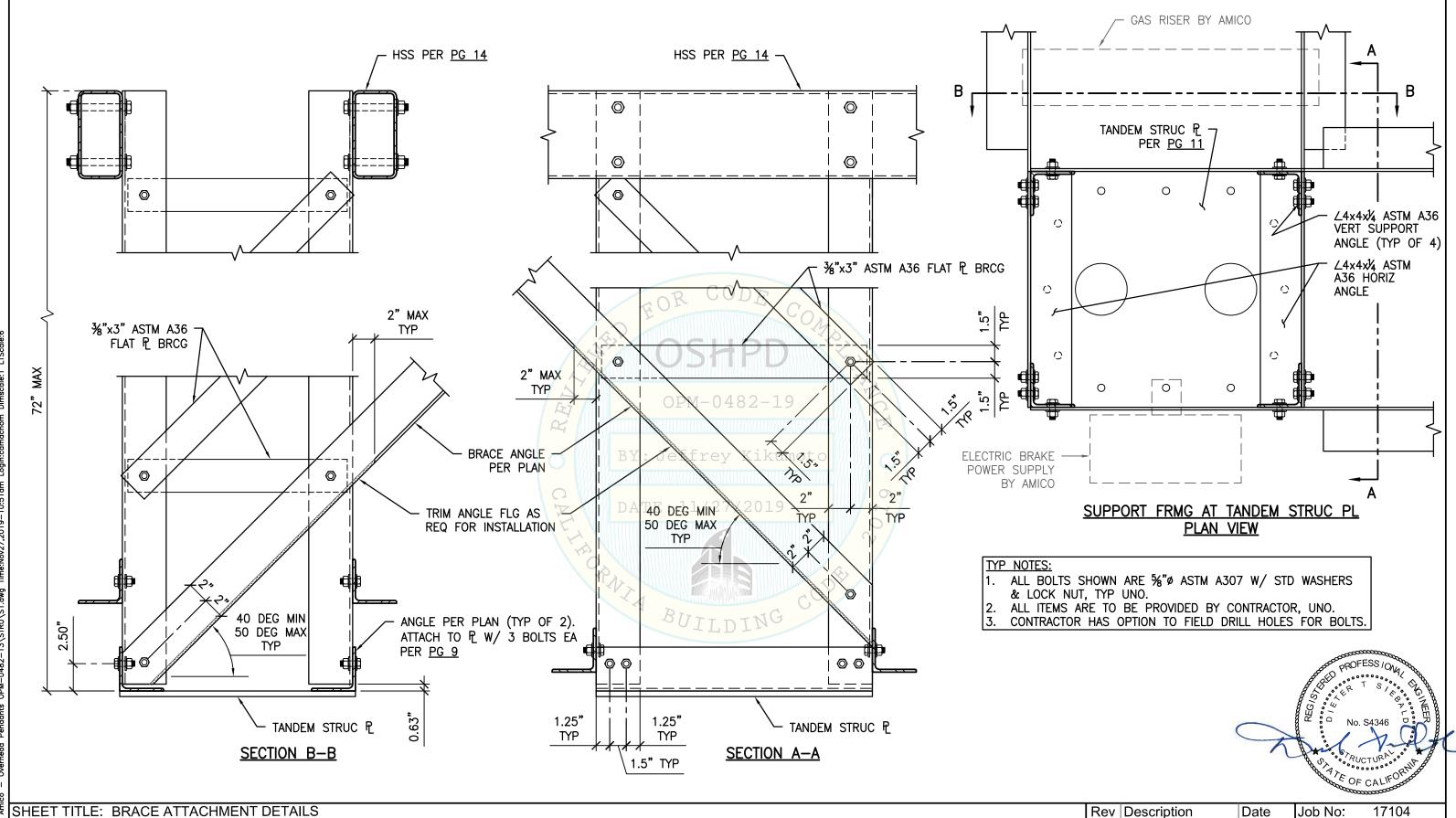


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11/27/2019 Date: MTC Ву 12 of 14 Page:



SHEET TITLE: BRACE ATTACHMENT DETAILS

Rev Description Date Job No: 17104

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Page: 13 of 14

