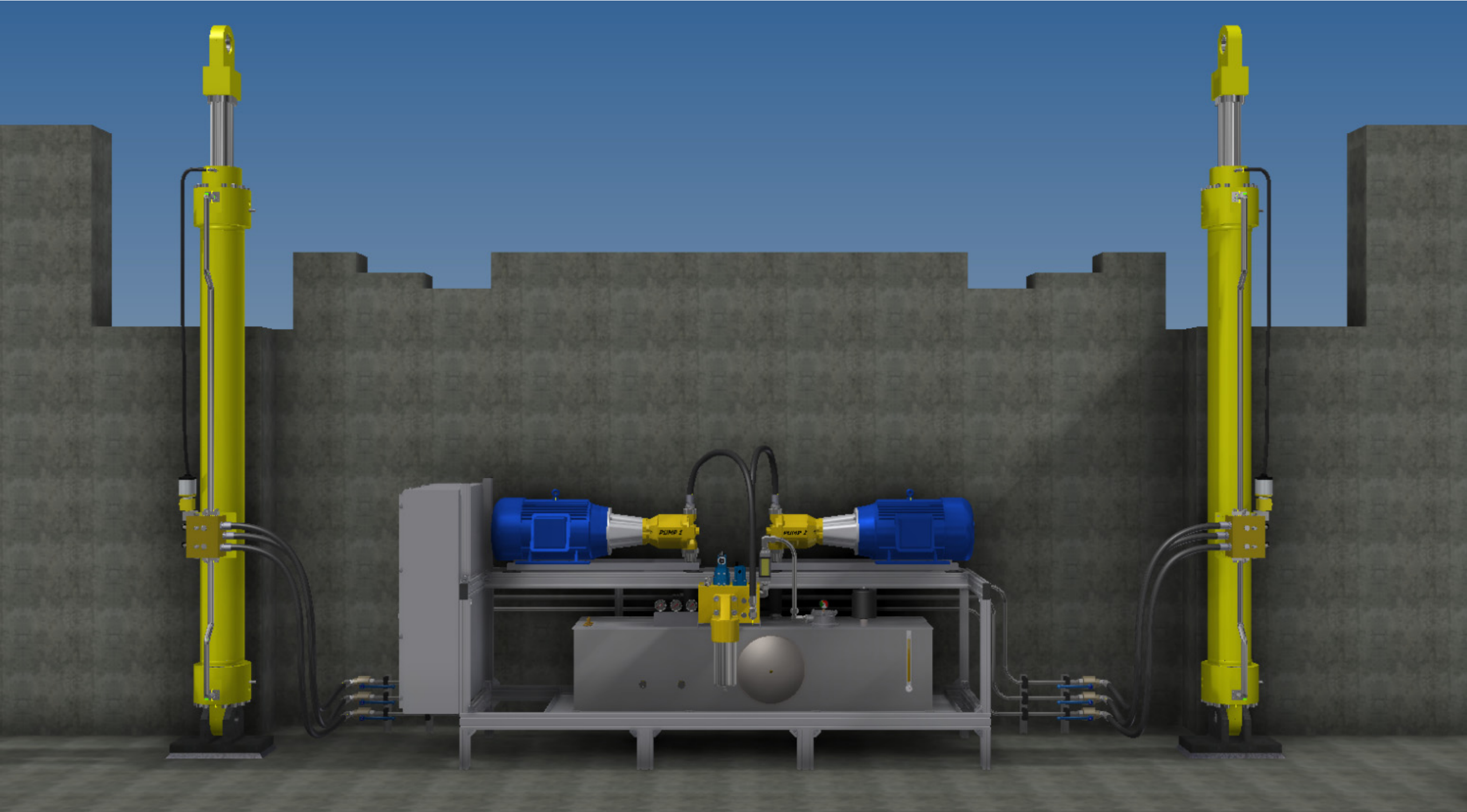


Hydraulic Field Piping Layout



2501 JOHN P. LYONS LANE
 PEMBROKE PARK, FL 33009
 PH: 954-981-0023
 FAX: 954-981-4022
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REV	DATE	REVISION	BY	CH'D

CUSTOMER: PALM BEACH COUNTY
 PROJECT: PALMETTO PARK ROAD BRIDGE
 PALM BEACH COUNTY

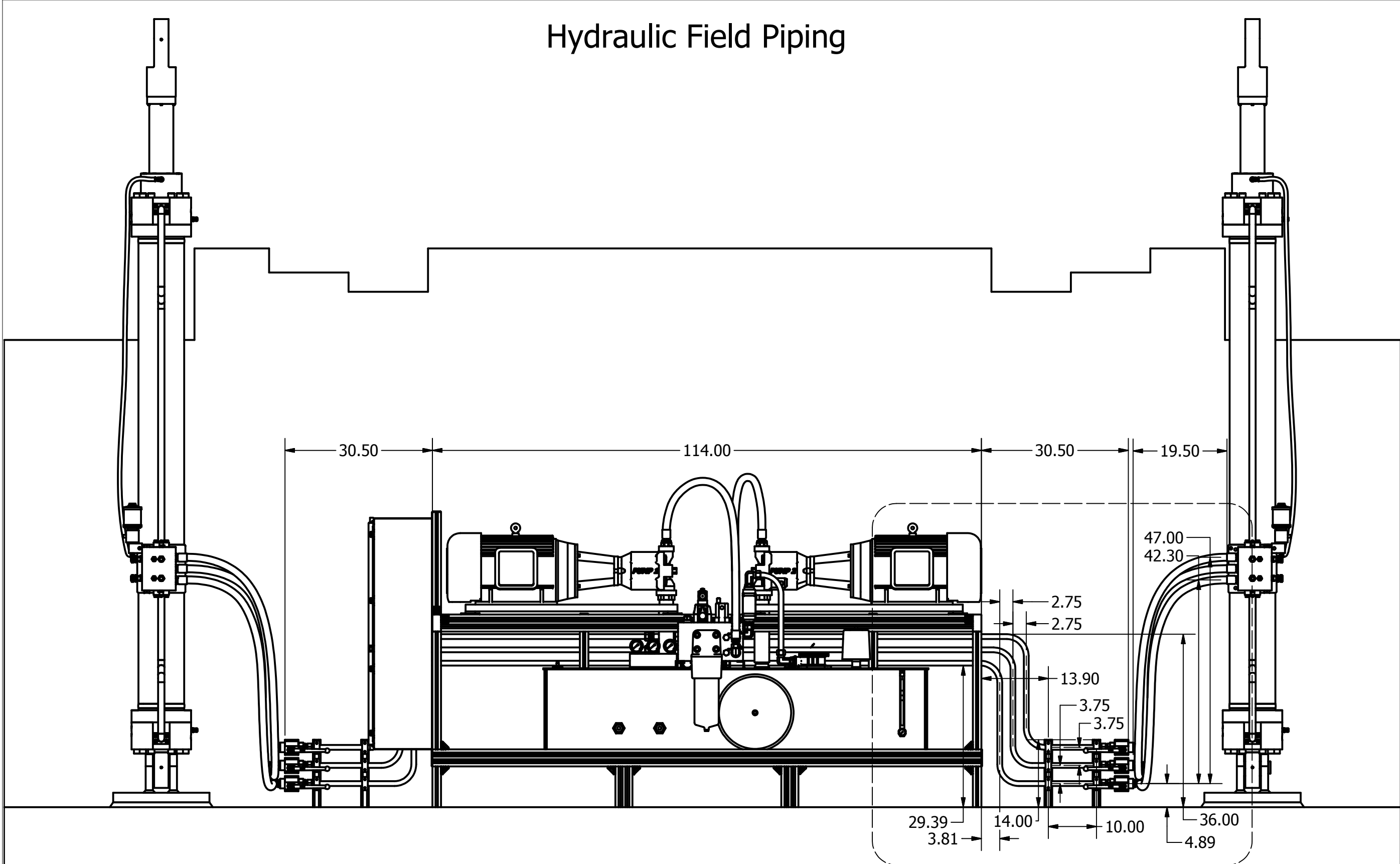
APP'D BY: SRH
CHECKED BY: DD
DRAWN BY: C.T
SCALE: NONE
DATE: 6/13/2013

TITLE: FIELD PIPING
 MECHANICAL LAYOUT
 FPN: 2011905
 DRAWING NO. 12019-ML-FLD-100

Hydraulic Field Piping



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Dimensions within this box are typical and symmetrical to both sides of the hydraulic power unit

NOTES: All dimensions are in Inches.
 Clearance between tubing and backwall is one foot.

REV	DATE	REVISION	BY	CHK'D

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 PALM BEACH COUNTY

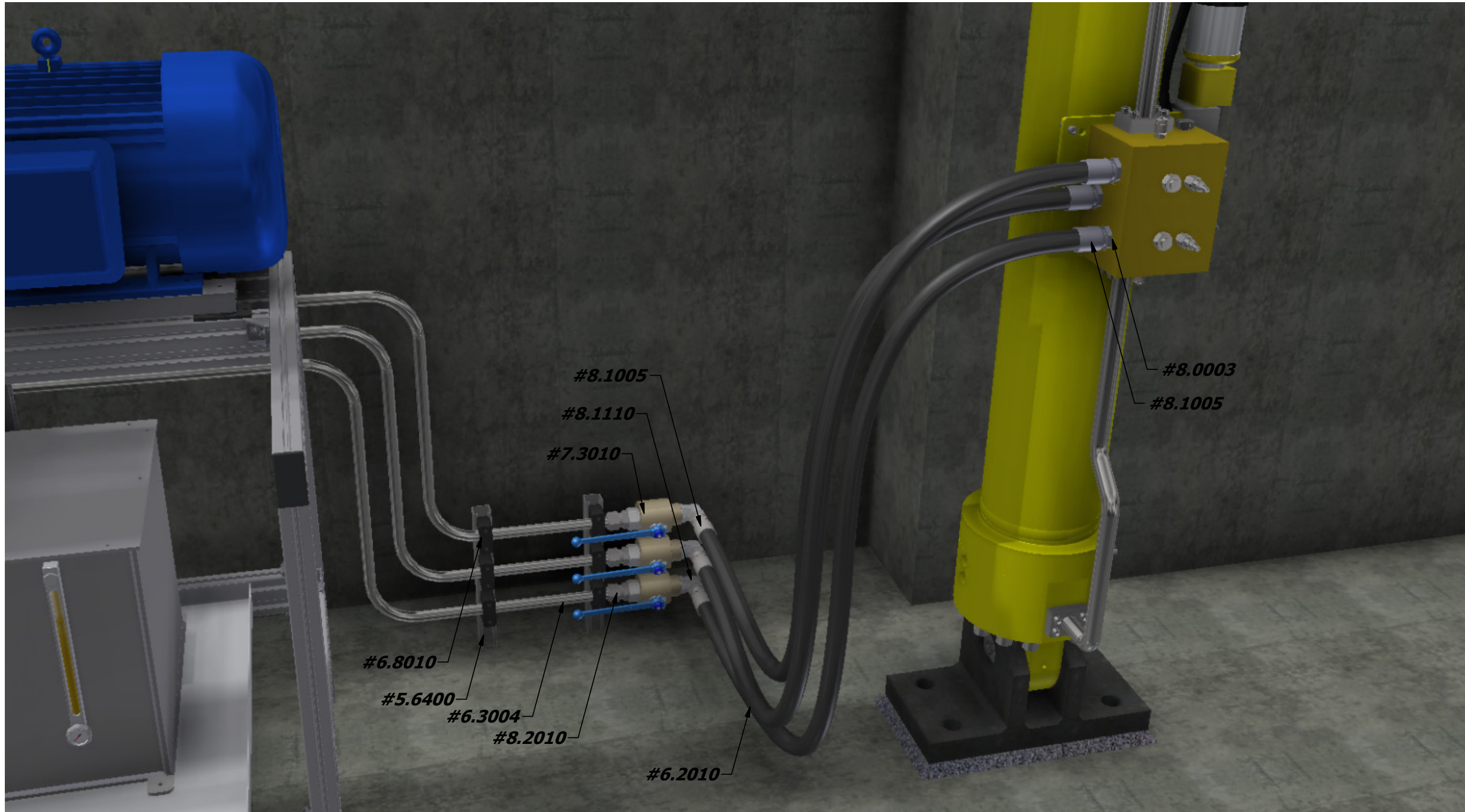
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CHECKED BY: DD	REV
DRAWN BY: C.T	DATE
SCALE: 1/20	

TITLE: FIELD PIPING
 MECHANICAL LAYOUT
 FPN: 2011905
 DRAWING NO. 12019-ML-FLD-200

Field Piping Typical Connection Layout



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NOTES: All fittings will be Stainless Steel 316.
 Ball Valve tilted at 20 degrees to allow closure without handle interferences

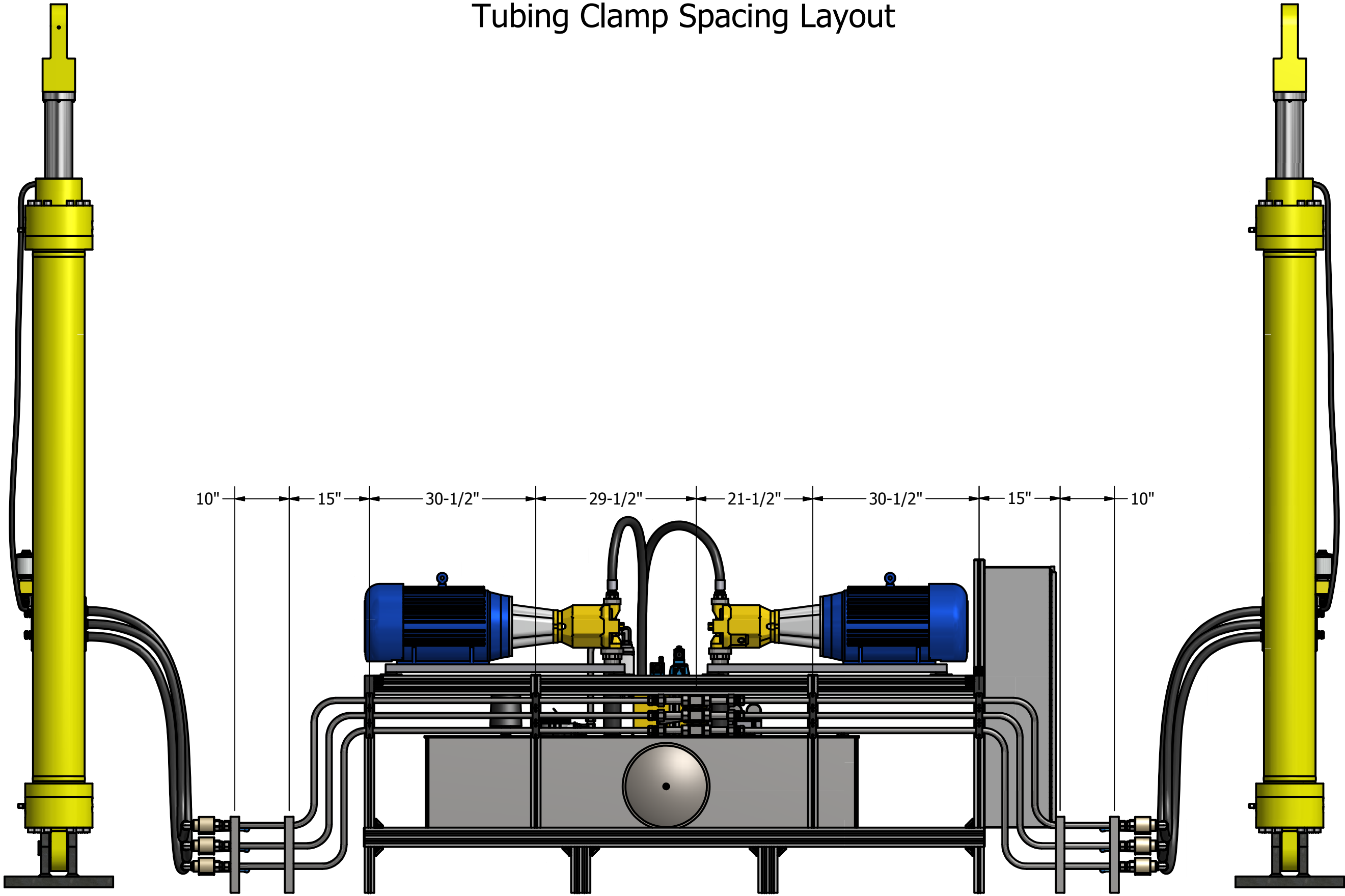
REV	DATE	REVISION	BY	CHK'D

CUSTOMER: PALM BEACH COUNTY	APP'D BY: SRH
PROJECT: PALMETTO PARK ROAD BRIDGE	CHECKED BY: DD
PLAM BEACH COUNTY	DRAWN BY: C.T
TITLE: FIELD PIPING	SCALE: NONE
MECHANICAL LAYOUT	DATE: 6/13/2013
FPN: 2011905	
DRAWING NO. 12019-ML-FLD-300	

Tubing Clamp Spacing Layout



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REV	DATE	REVISION	BY	CHK'D

CUSTOMER: PALM BEACH COUNTY
 PROJECT: PALMETTO PARK ROAD BRIDGE
 PALM BEACH COUNTY

APP'D BY: SRH
 CHECKED BY: DD
 DRAWN BY: C.T.
 SCALE: 1:18
 DATE: 6/27/2013

TITLE: FIELD PIPING CLAMP SPACING
 MECHANICAL LAYOUT
 FPN: 2011905
 DRAWING NO. 12019-ML-FLD-400