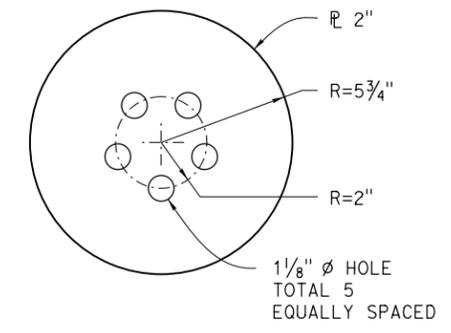
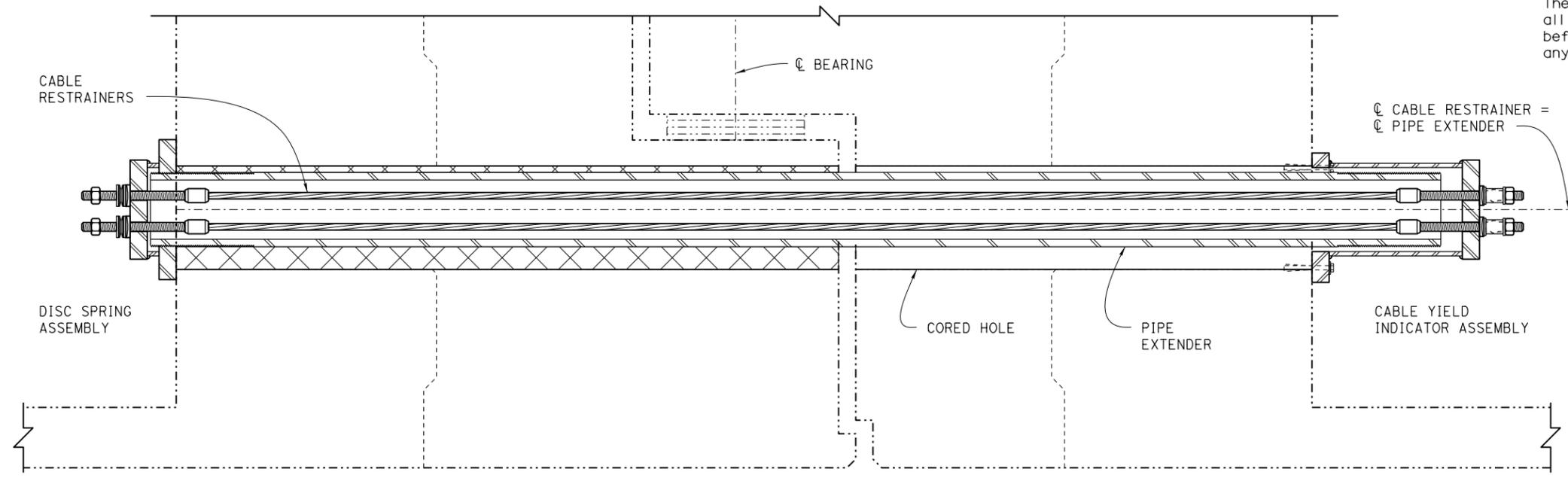


| | | | | | |
|--|--------|-------|----------------------------------|-----------|--------------|
| DIST. | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| | | | | | |
| REGISTERED CIVIL ENGINEER | | | DATE | | |
| PLANS APPROVAL DATE | | | REGISTERED PROFESSIONAL ENGINEER | | |
| | | | No. _____ | | |
| | | | Exp. _____ | | |
| | | | CIVIL | | |
| | | | STATE OF CALIFORNIA | | |
| The State of California or its officers or agents shall not be responsible for the accuracy or completeness of scanned copies of this plan sheet. | | | | | |
| The Registered Civil Engineer for the project is responsible for the selection and proper application of the component design and any modifications shown. | | | | | |

The contractor must verify all controlling field dimensions before ordering or fabricating any material.

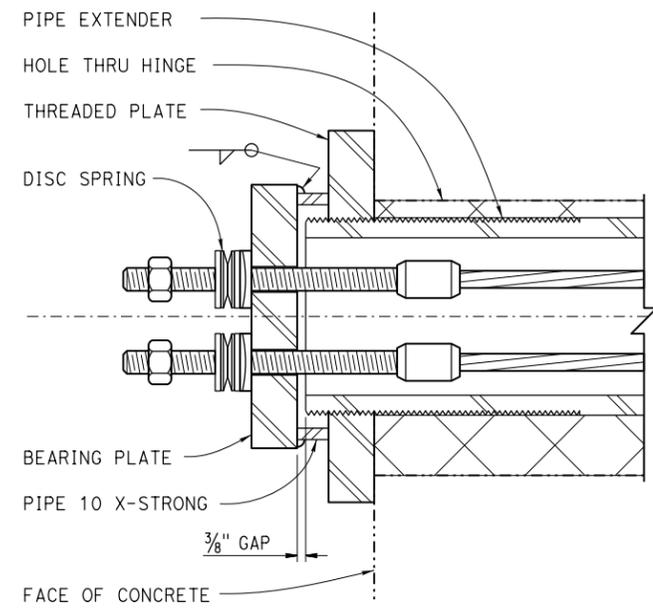


HINGE SEAT SIDE SUPPORTED SIDE

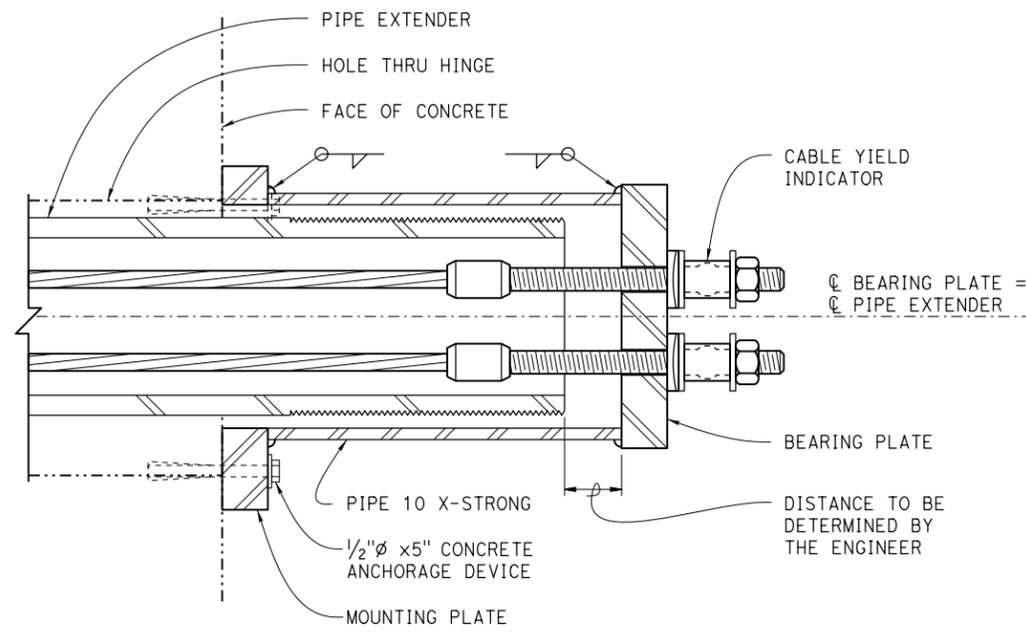
CABLE RESTRAINERS WITH PIPE SEAT EXTENDER ELEVATION
1/2" = 1'-0"

Notes:

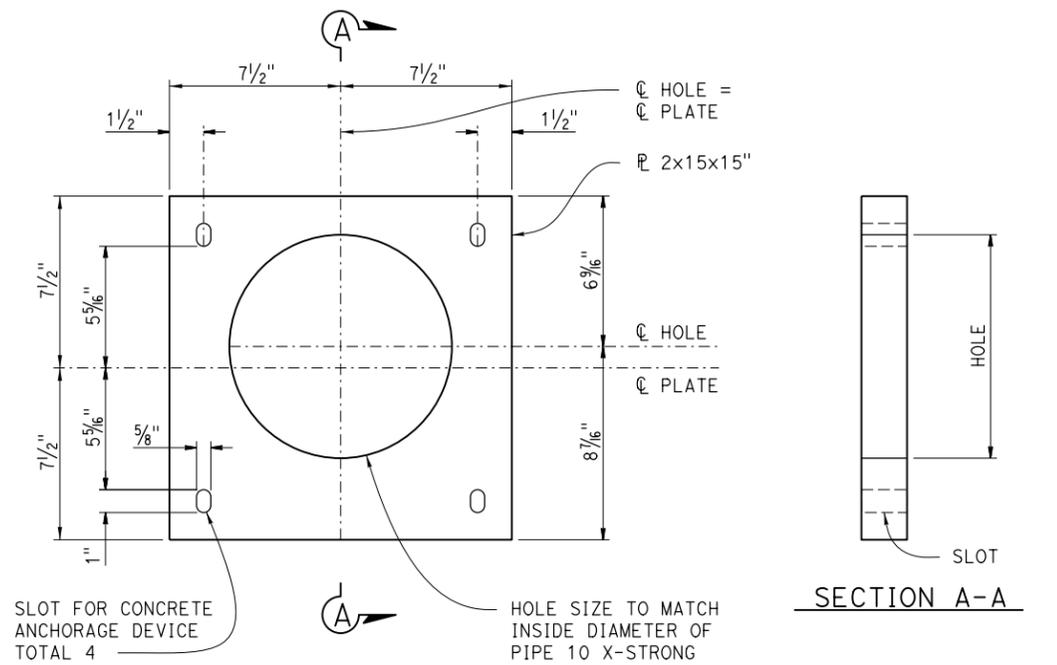
1. The Pipe extender must be Pipe 8 xx-Strong. For Hole, Pipe Extender and Threaded Plate details see: XS7-081, "Pipe Extender/Shear Key Details (Retrofit)" sheet.
2. For Cable Restrainer and Hardware details see: XS7-090, "Cable Restrainer Hardware Details" sheet.



DISC SPRING ASSEMBLY
3" = 1'-0"



CABLE YIELD INDICATOR ASSEMBLY
3" = 1'-0"



MOUNTING PLATE
3" = 1'-0"

SECTION A-A

BRIDGE STANDARD DETAILS

| | | |
|----------------|---------------|---|
| xs7-071 | July 2014 | The components of the Bridge Standard Details have been prepared under the responsible charge of the Technical Owner, a registered civil engineer in the State of California. |
| FILE NO. | APPROVAL DATE | |

NOTES TO DESIGNER
 - "THREADED PLATE FOR FUTURE USE" on xs7-040 is not required when Cable Restrainers are used.
 - Remove these notes at PS&E

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

| | |
|--|--|
| BRIDGE NO. | |
| POST MILE | |
| RESTRAINER DETAILS FOR PIPE EXTENDER/SHEAR KEY (RETROFIT) | |