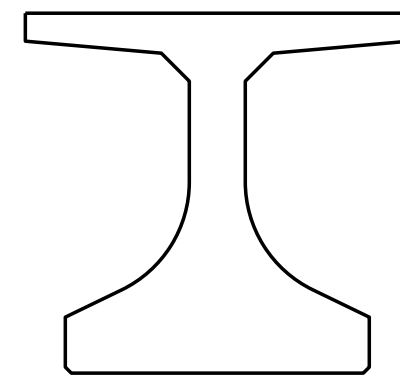
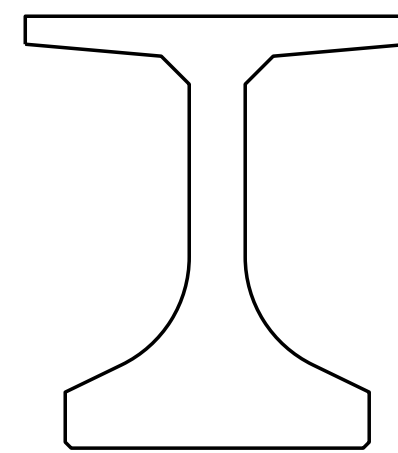


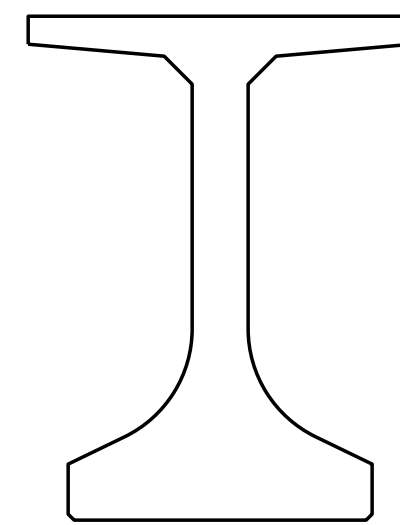
[DET] (SC) FIB 36  
1/2" = 1'-0"



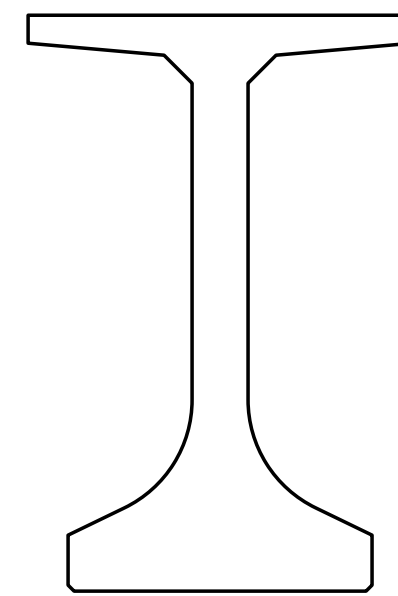
[DET] (SC) FIB 45  
1/2" = 1'-0"



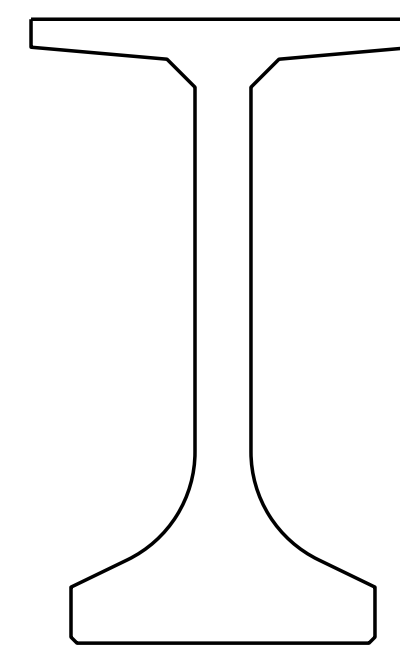
[DET] (SC) FIB 54  
1/2" = 1'-0"



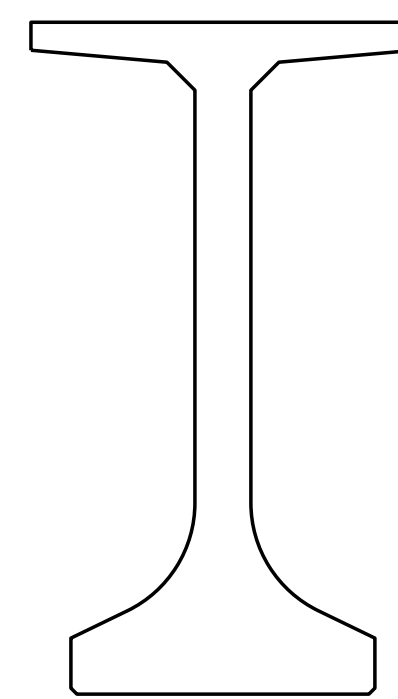
[DET] (SC) FIB 63  
1/2" = 1'-0"



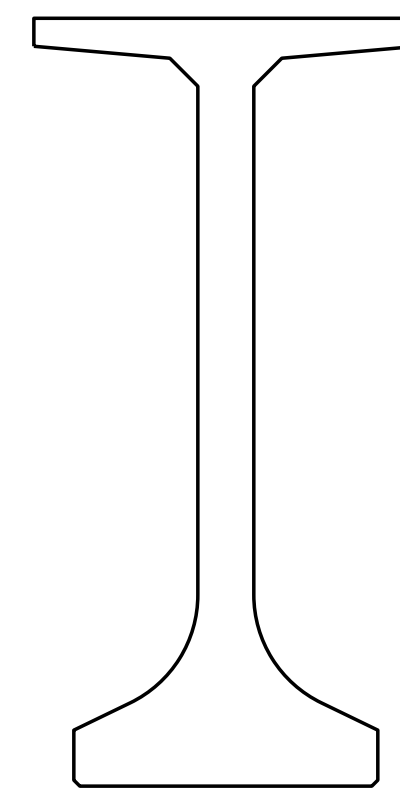
[DET] (SC) FIB 72  
1/2" = 1'-0"



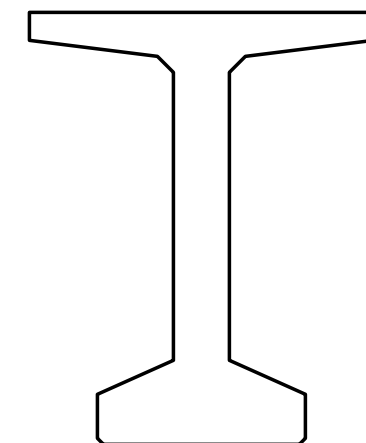
[DET] (SC) FIB 78  
1/2" = 1'-0"



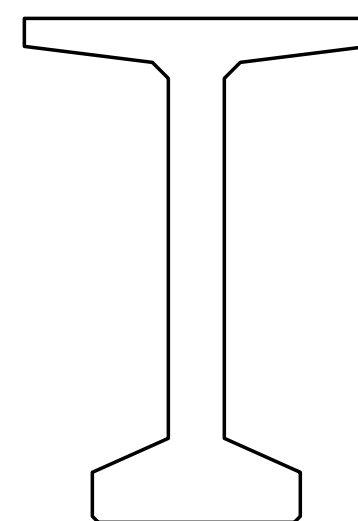
[DET] (SC) FIB 84  
1/2" = 1'-0"



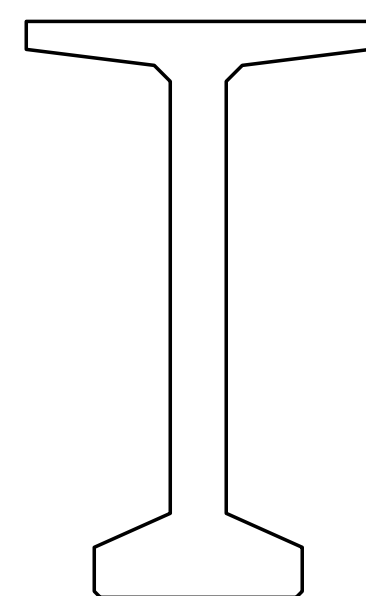
[DET] (SC) FIB 96  
1/2" = 1'-0"



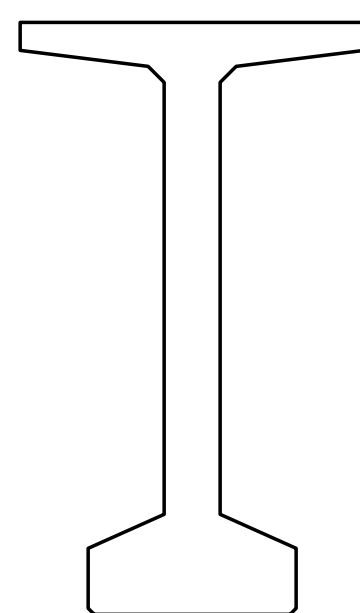
[DET] (SC) BT 54 MOD  
1/2" = 1'-0"



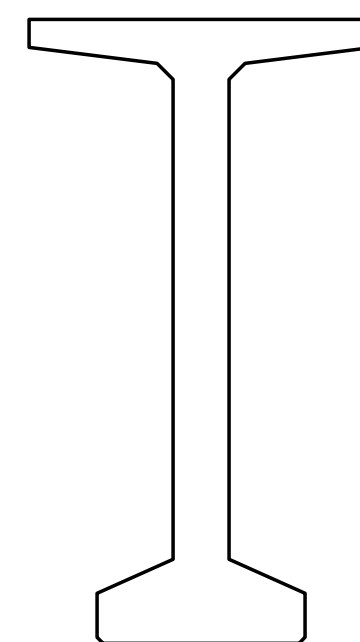
[DET] (SC) BT 63 MOD  
1/2" = 1'-0"



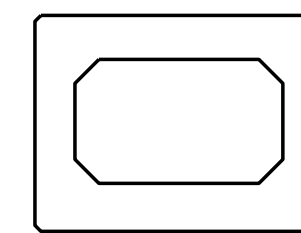
[DET] (SC) BT 72 MOD  
1/2" = 1'-0"



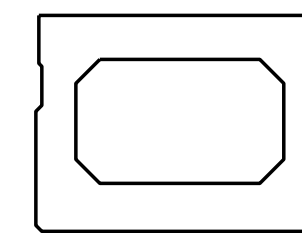
[DET] (SC) BT 74 MOD  
1/2" = 1'-0"



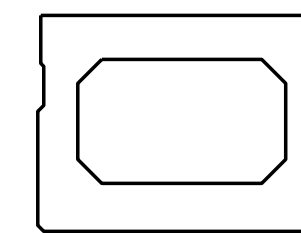
[DET] (SC) BT 78 MOD  
1/2" = 1'-0"



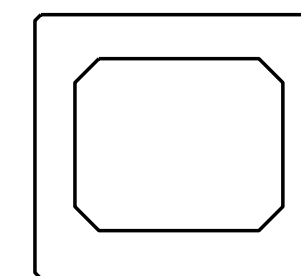
[DET] (SC) BI-36 EXT L  
1/2" = 1'-0"



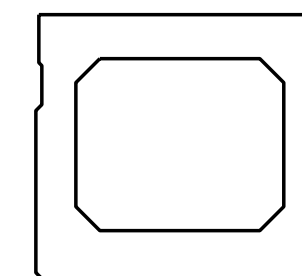
[DET] (SC) BI-36 EXT R  
1/2" = 1'-0"



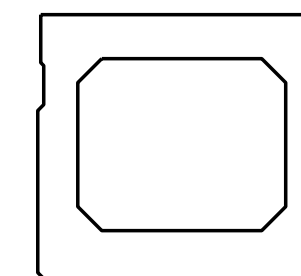
[DET] (SC) BI-36 INT  
1/2" = 1'-0"



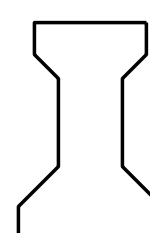
[DET] (SC) BII-36 EXT L  
1/2" = 1'-0"



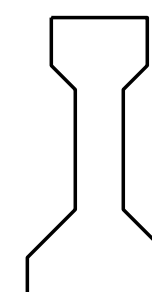
[DET] (SC) BII-36 EXT R  
1/2" = 1'-0"



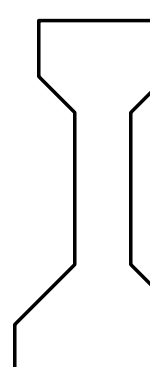
[DET] (SC) BII-36 INT  
1/2" = 1'-0"



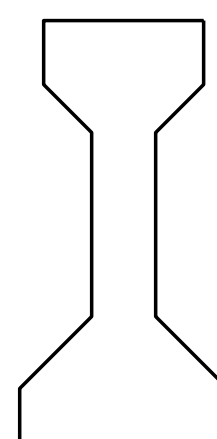
[DET] (SC) TYPE I MOD  
1/2" = 1'-0"



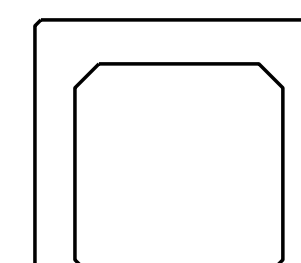
[DET] (SC) TYPE II  
1/2" = 1'-0"



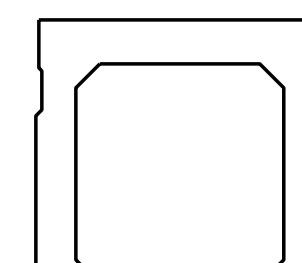
[DET] (SC) TYPE III  
1/2" = 1'-0"



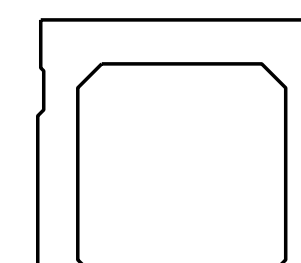
[DET] (SC) TYPE IV  
1/2" = 1'-0"



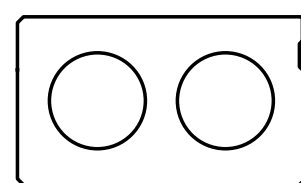
[DET] (SC) BIII-36 EXT L  
1/2" = 1'-0"



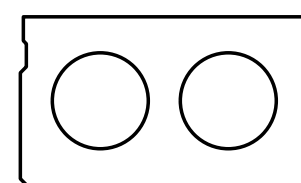
[DET] (SC) BIII-36 EXT R  
1/2" = 1'-0"



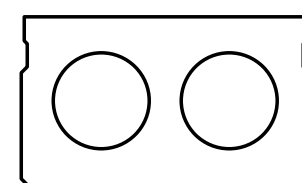
[DET] (SC) BIII-36 INT  
1/2" = 1'-0"



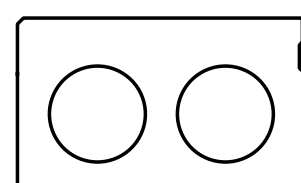
[DET] (SC) CS 21 EXT L  
1/2" = 1'-0"



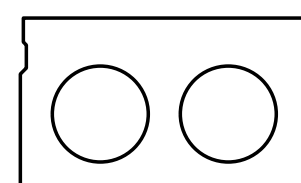
[DET] (SC) CS 21 EXT R  
1/2" = 1'-0"



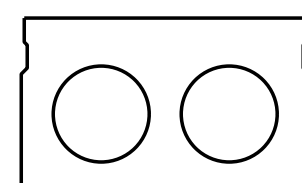
[DET] (SC) CS 21 INT  
1/2" = 1'-0"



[DET] (SC) CS 24 EXT L  
1/2" = 1'-0"



[DET] (SC) CS 24 EXT R  
1/2" = 1'-0"



[DET] (SC) CS 24 INT  
1/2" = 1'-0"

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| REV. | BY | CHK. | DATE | DESCRIPTION OF REVISION |
|------|----|------|------|-------------------------|
|      |    |      |      |                         |
|      |    |      |      |                         |
|      |    |      |      |                         |

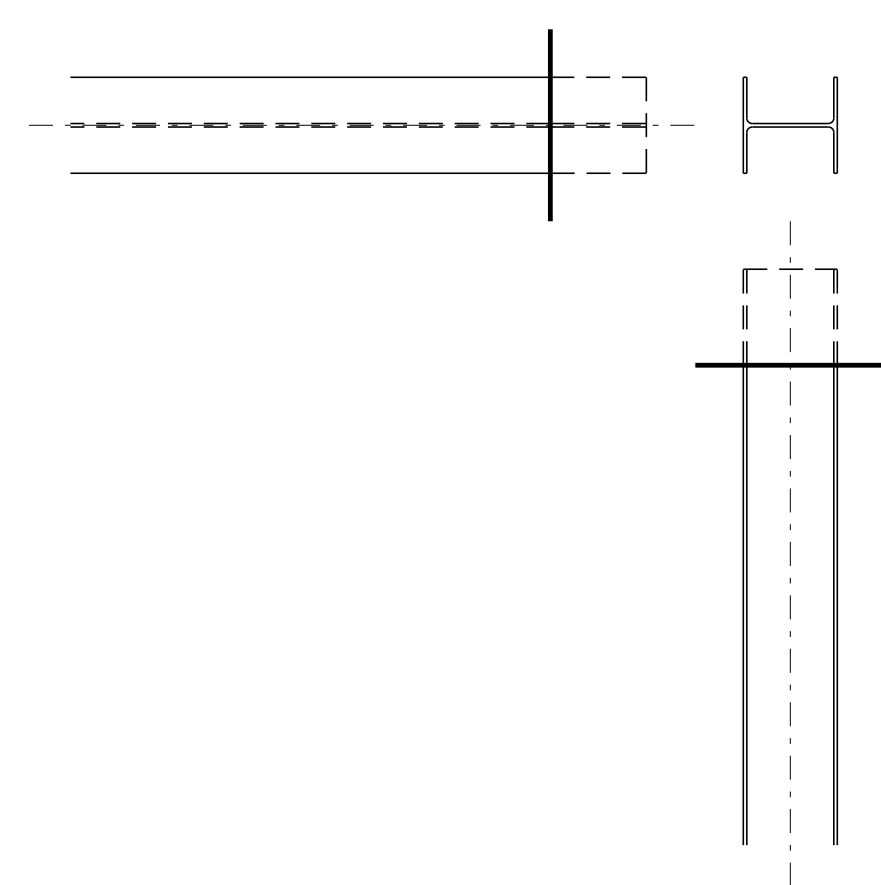
| REVIEWED | QUAN. | DR. | MRB   | BY | CHK. | DATE |
|----------|-------|-----|-------|----|------|------|
|          |       |     | 01-24 |    |      |      |
|          |       |     |       |    |      |      |
|          |       |     |       |    |      |      |

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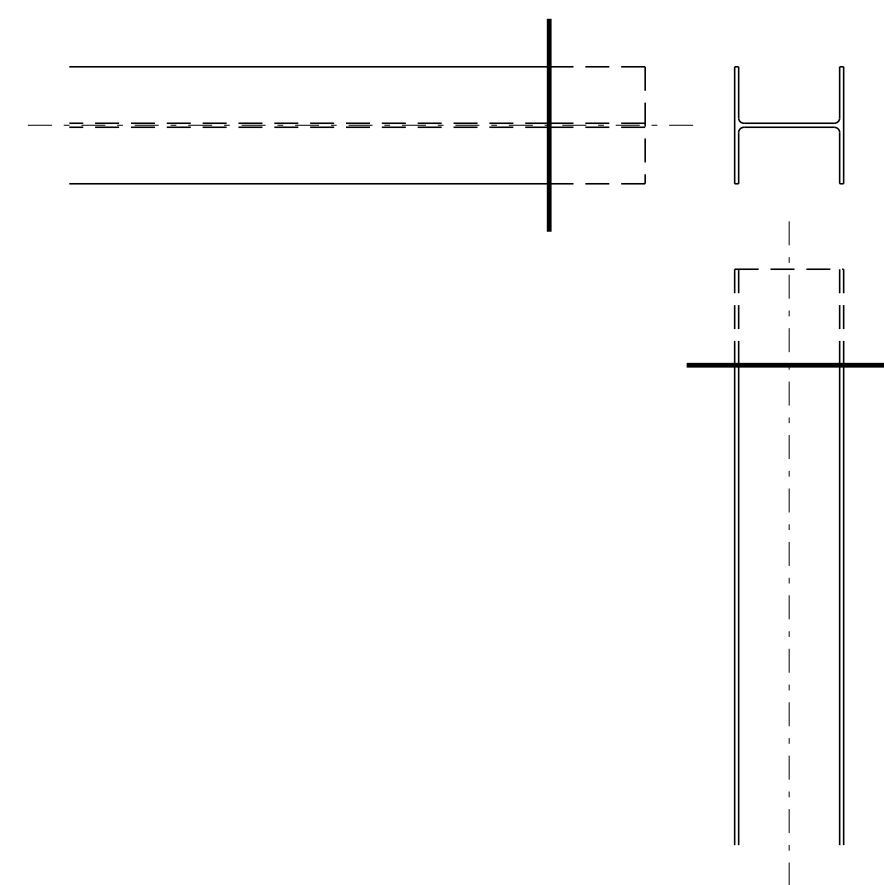
BRIDGE CELL LIBRARY  
VISUAL AID (1 OF 5)

COUNTY:

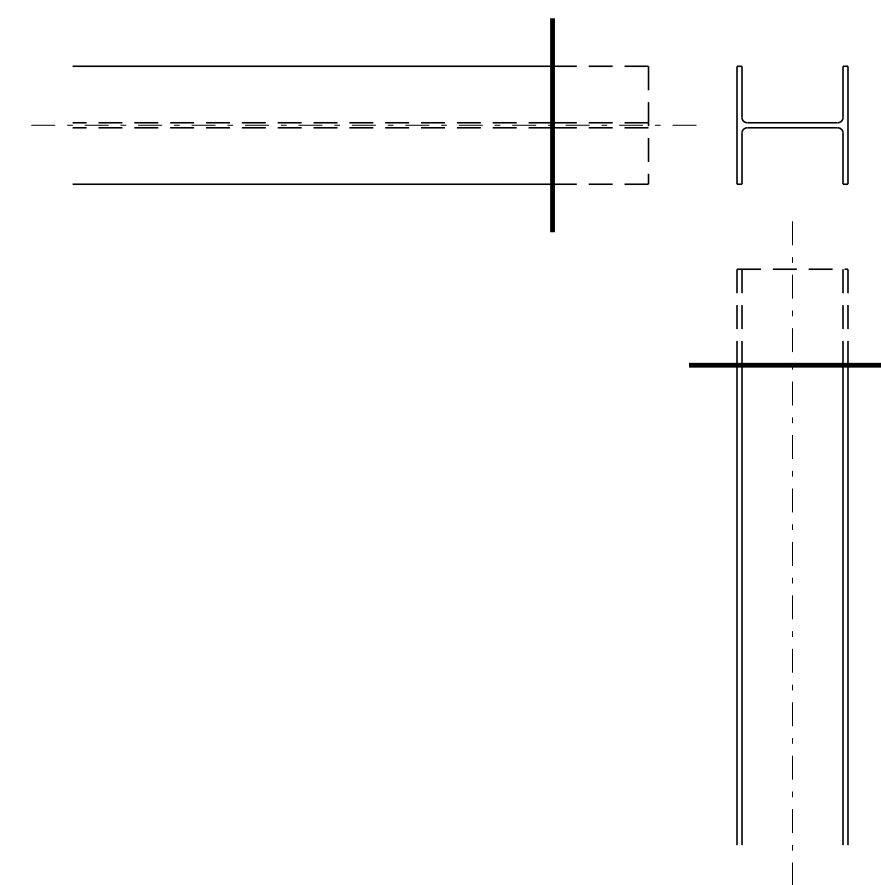
ROUTE:



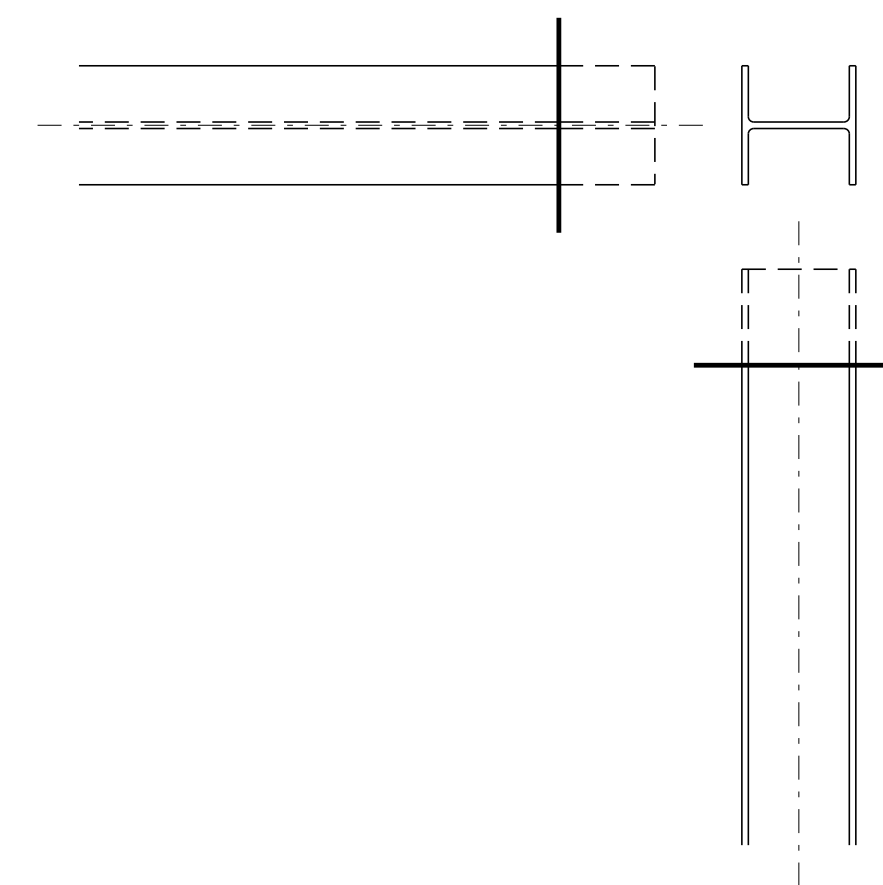
[DET] HP12X53  
1/2" = 1'-0"



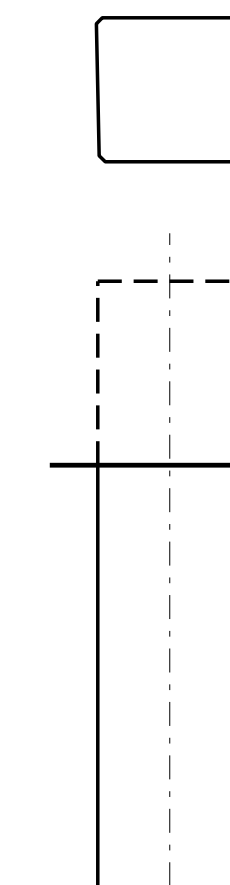
[DET] HP14X73  
1/2" = 1'-0"



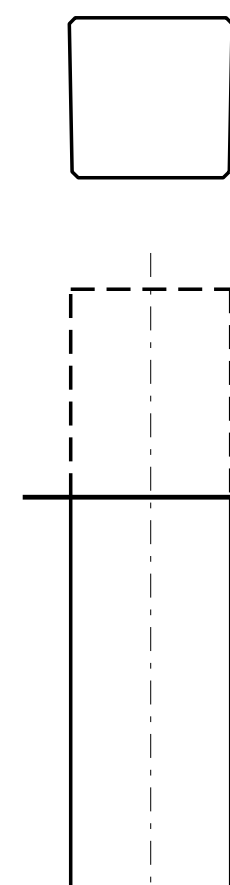
[DET] HP14X89  
1/2" = 1'-0"



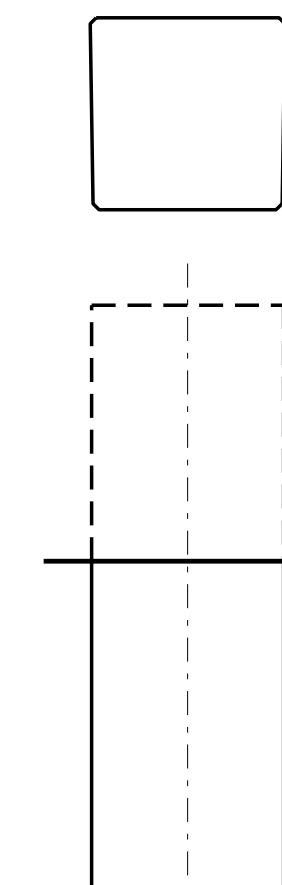
[DET] HP14X117  
1/2" = 1'-0"



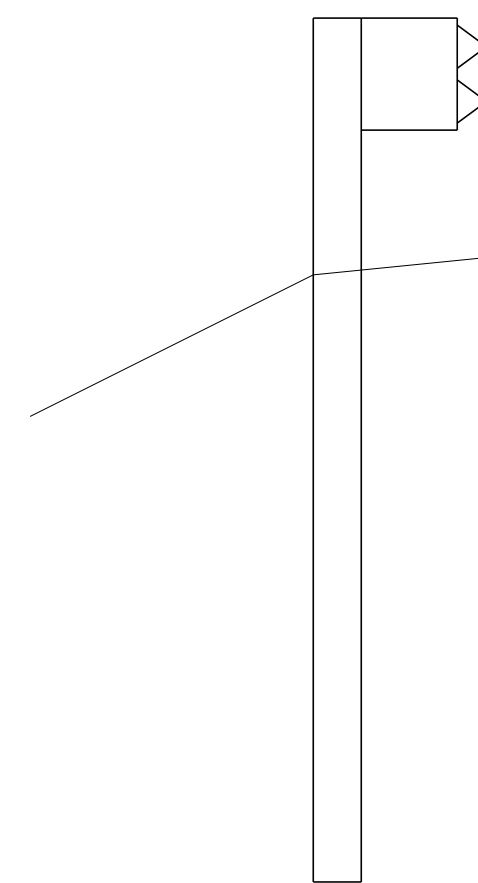
[DET] PP18  
1/2" = 1'-0"



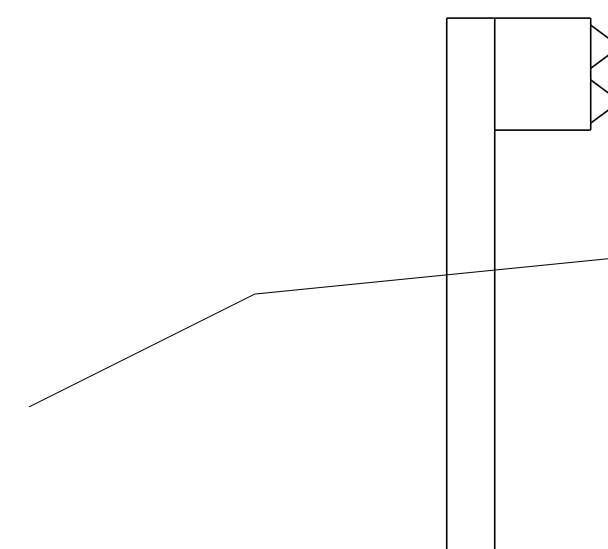
[DET] PP20  
1/2" = 1'-0"



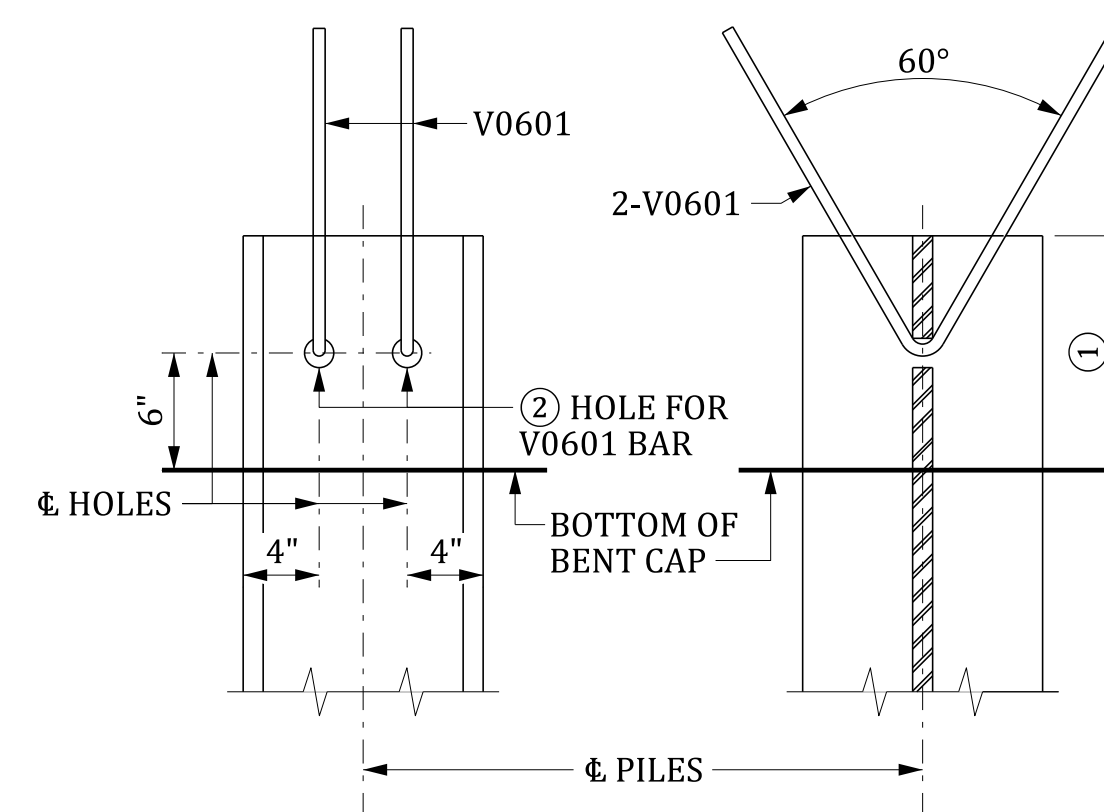
[DET] PP24  
1/2" = 1'-0"



[DET] GUARDRAIL MGS3CS POST  
1/2" = 1'-0"



[DET] GUARDRAIL MGS3 POST  
1/2" = 1'-0"



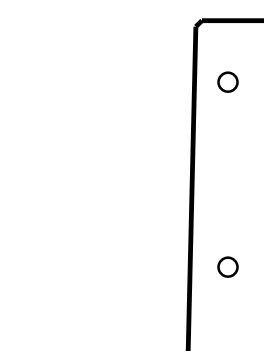
PILE ANCHORAGE DETAILS

[DET] PILE ANCHORAGE  
FULL SIZE 1 = 1

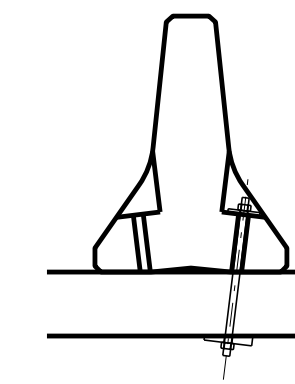
NOTES:

① EMBED PILES 1'-0" MINIMUM & 1'-6" MAXIMUM INTO THE BENT CAP.

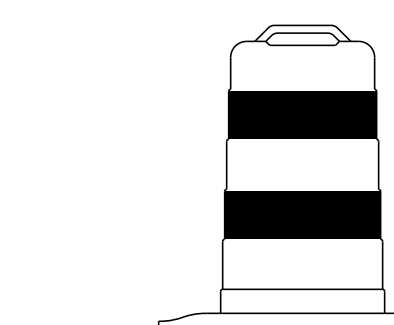
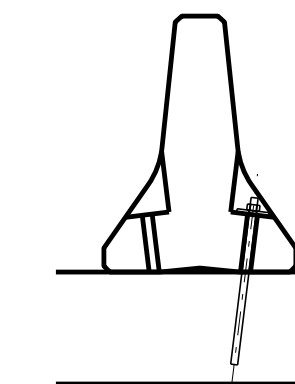
② HOLE DIAMETER 1" MINIMUM AND 1 1/2" MAXIMUM. DRILL OR FLAME CUT THE HOLES. GRIND AREA AROUND FLAME CUT HOLES TO REMOVE BURRS. TIE OR WEDGE THE V0601 REINFORCING BARS TIGHTLY AGAINST THE TOP OF THE HOLES.



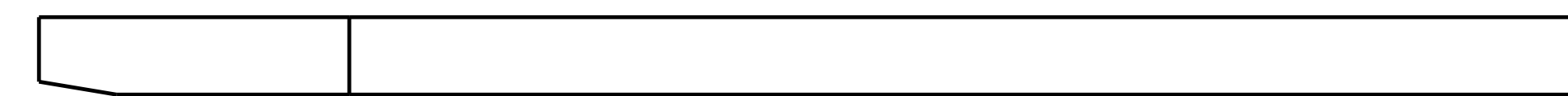
[DET] BARRIER  
1/2" = 1'-0"



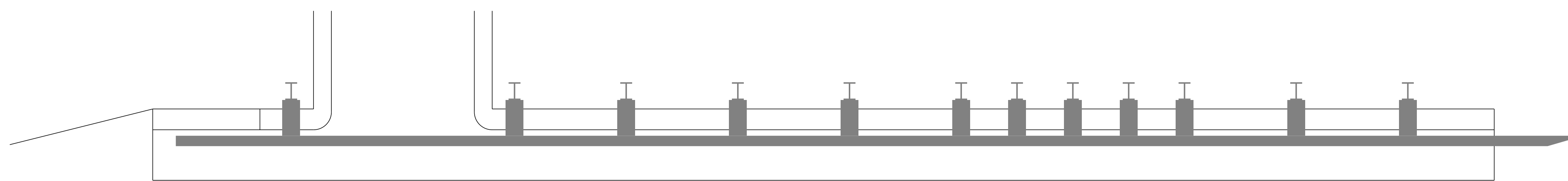
[DET] TEMP BARRIER  
1/2" = 1'-0"



[DET] TRAFFIC DRUM  
1/2" = 1'-0"



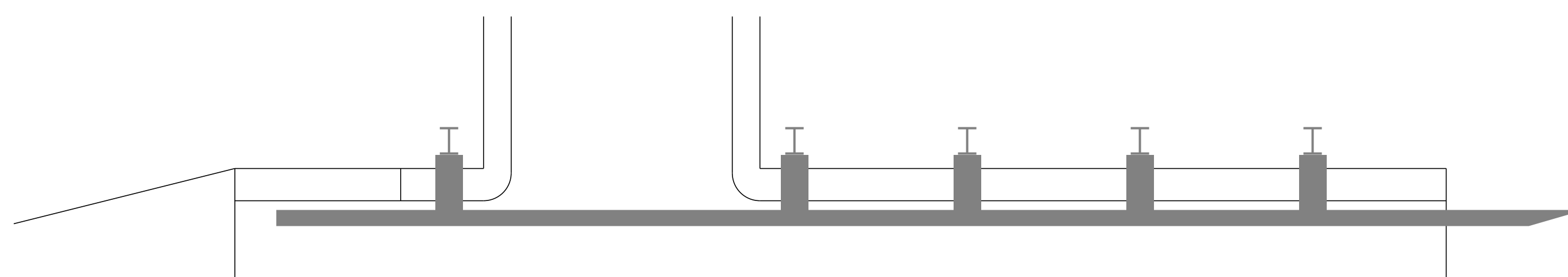
[DET] BARRIER TRANS  
1/2" = 1'-0"



[DET] GUARDRAIL MTBBC3  
1/2" = 1'-0"



[DET] GUARDRAIL MGS3  
1/2" = 1'-0"



[DET] GUARDRAIL MTBBC2  
1/2" = 1'-0"

|  |    |      |      |
|--|----|------|------|
| BishopMR 5/16/2024 12:53:29 PM sctdot_bridge.cel |    |      |      |
| REV.   | BY | CHK. | DATE |
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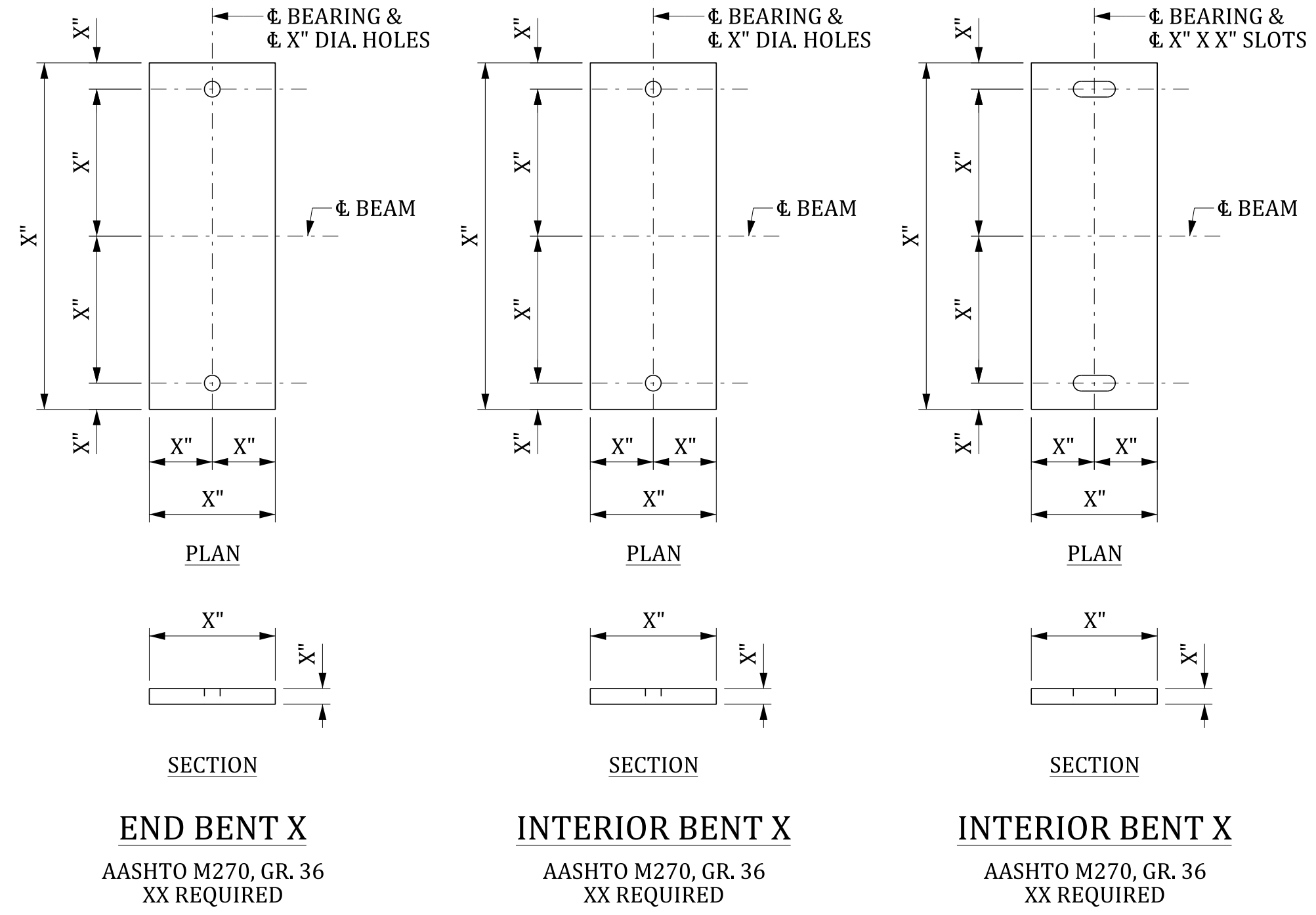
|          |       |     |     |       |      |
|----------|-------|-----|-----|-------|------|
| REVIEWED | QUAN. | DR. | MRB | 01-24 | DATE |
|          |       |     |     |       |      |
|          |       |     |     |       |      |
|          |       |     |     |       |      |

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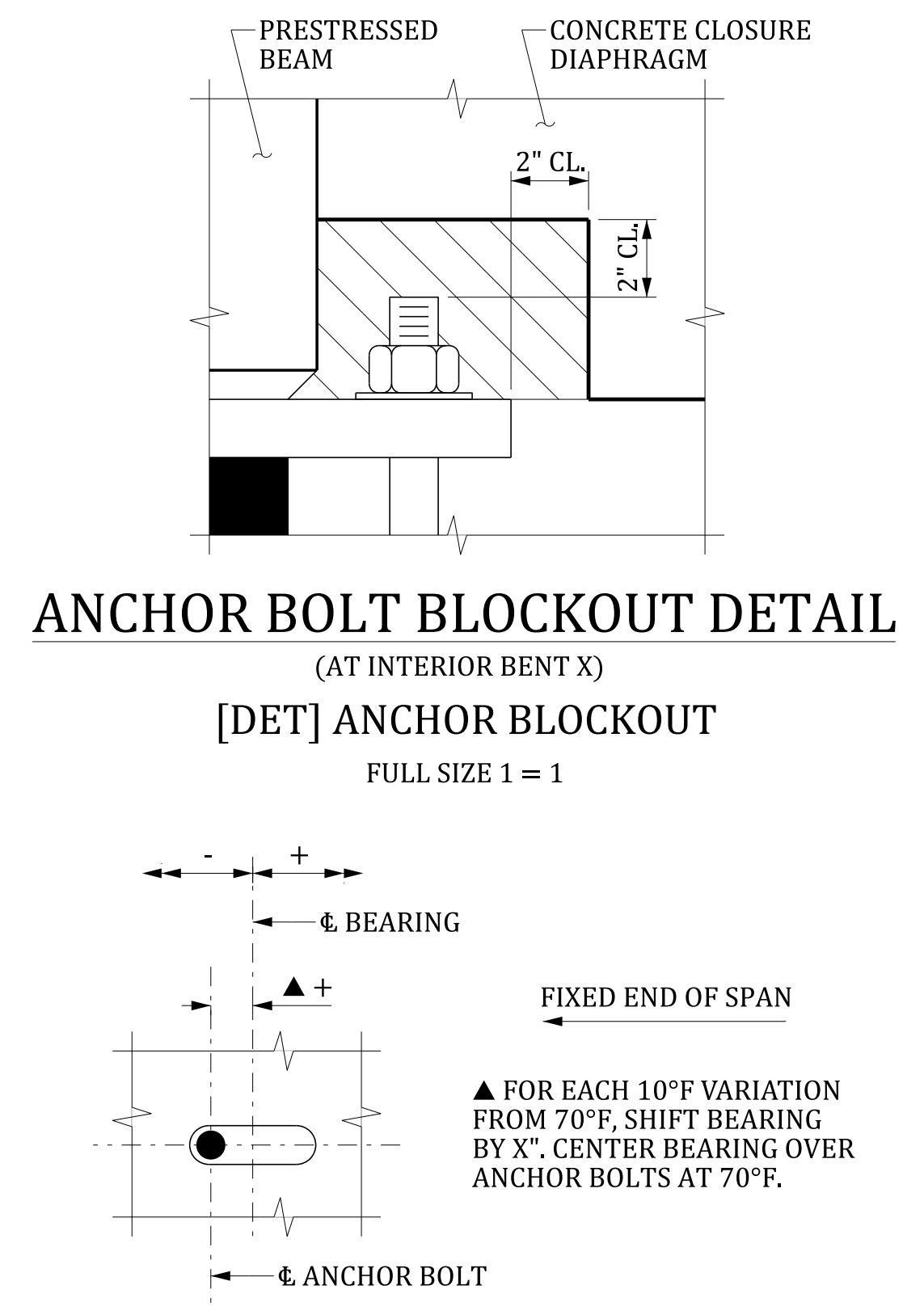
BRIDGE CELL LIBRARY  
VISUAL AID (2 OF 5)

COUNTY:

ROUTE:

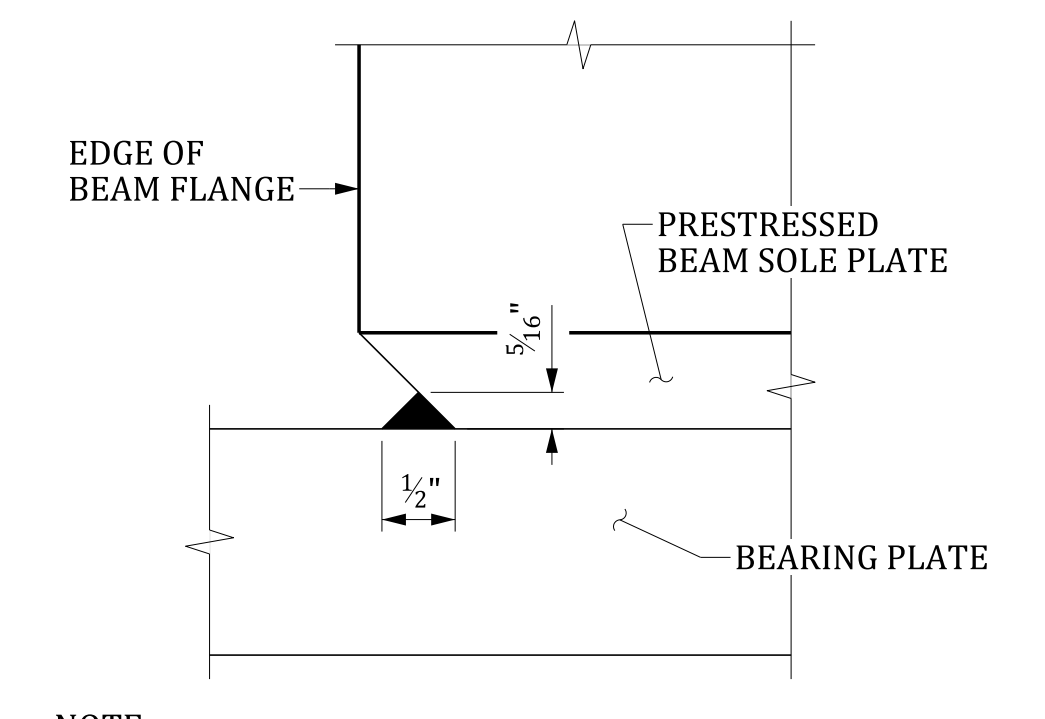


**BEARING PLATE DETAILS**  
[DET] BEARING PLATE  
FULL SIZE 1 = 1

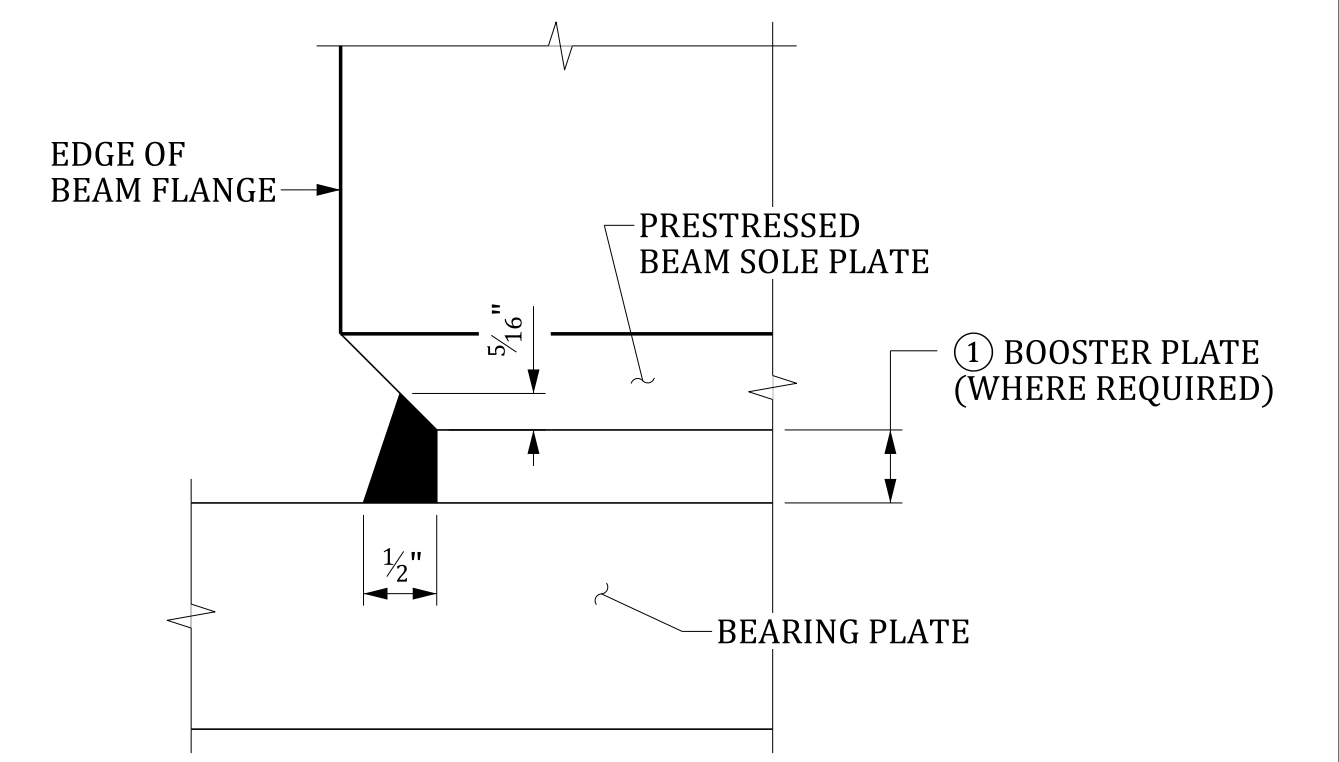


**ANCHOR BOLT BLOCKOUT DETAIL**  
(AT INTERIOR BENT X)  
[DET] ANCHOR BLOCKOUT  
FULL SIZE 1 = 1

**INTERIOR BENT X BEARING SETTING DETAIL**  
" + " FOR SETTING TEMPERATURE ABOVE 70 °F  
" - " FOR SETTING TEMPERATURE BELOW 70 °F  
[DET] BEARING SETTING  
FULL SIZE 1 = 1



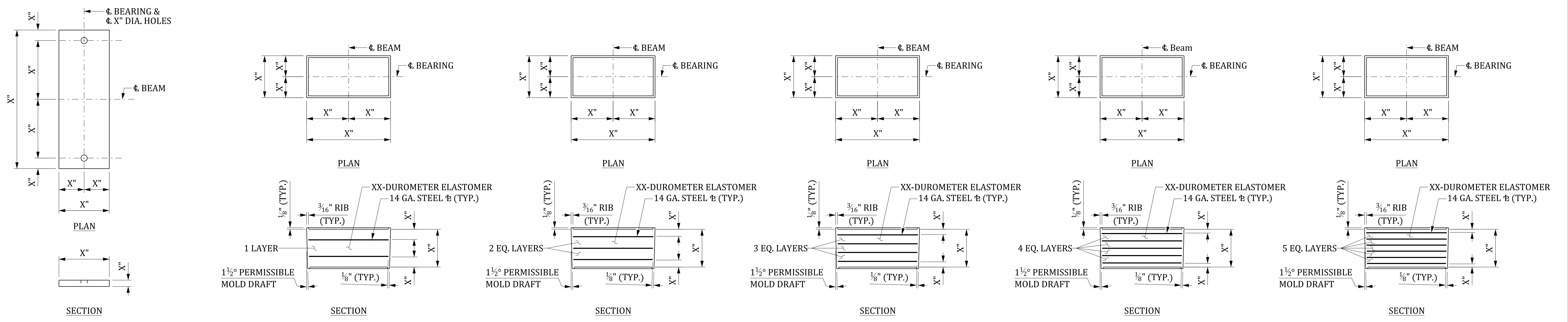
**WELD (A)**  
[DET] BEARING WELD  
FULL SIZE 1 = 1



**WELD (A)**  
[DET] BEARING WELD BOOST  
FULL SIZE 1 = 1

NOTE:  
EXERCISE CAUTION DURING FIELD WELDS WHERE AN ELASTOMERIC PAD IS IN CONTACT WITH METAL. AVOID EXPOSING THE ELASTOMER OR ELASTOMER BOND TO INSTANTANEOUS TEMPERATURES GREATER THAN 400°F OR PER MANUFACTURER'S RECOMMENDATION, WHICHEVER IS LOWER. ANY DAMAGE TO ELASTOMERIC BEARING DUE TO WELDING WILL BE CAUSE FOR REJECTION. CONTROL TEMPERATURE BY USE OF HEAT CRAYONS PROVIDED BY THE CONTRACTOR.

① AT NO ADDITIONAL EXPENSE TO THE DEPARTMENT, REQUIREMENTS FOR BOOSTER PLATES MAY BE INCORPORATED IN THE THICKNESS OF THE BEARING PLATES



**ELASTOMERIC BEARING PAD DETAILS**  
[DET] BEARING PAD  
FULL SIZE 1 = 1

FOR ELASTOMERIC BEARING SPECIFICATIONS, SEE SECTION 724 OF THE STANDARD SPECIFICATIONS. ELASTOMERIC BEARING PADS WERE DESIGNED USING AASHTO METHOD A. USE ELASTOMER GRADE 2.

|          |       |     |      |    |      |       |
|----------|-------|-----|------|----|------|-------|
| REVIEWED | QUAN. | DR. | DES. | BY | CHK. | DATE  |
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|          |       | MRB |      |    |      | 01-24 |

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**END BENT X**  
MAX. (D.L.) REACTION = XXX KIPS  
H-XX PLAIN  
XX REQUIRED

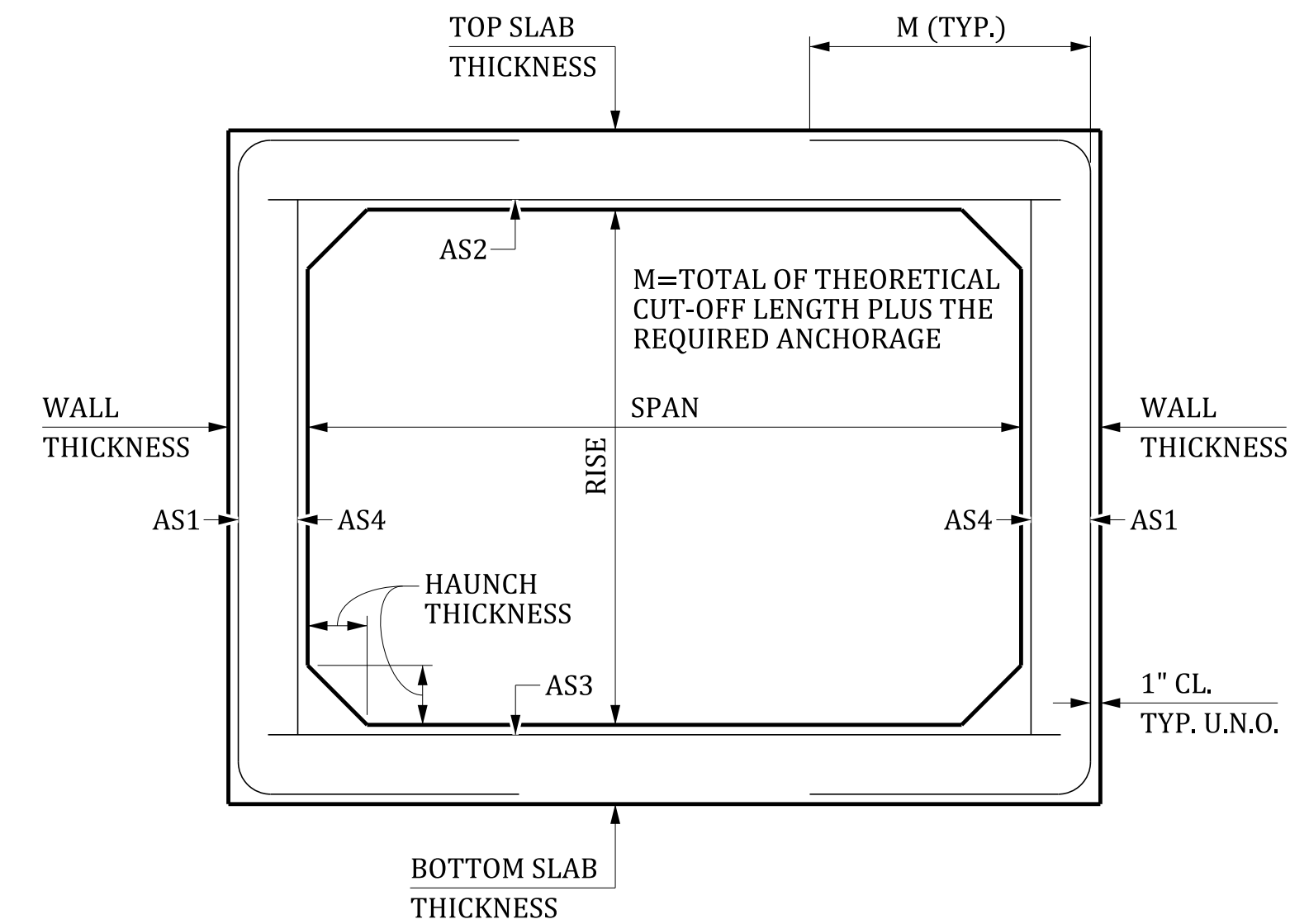
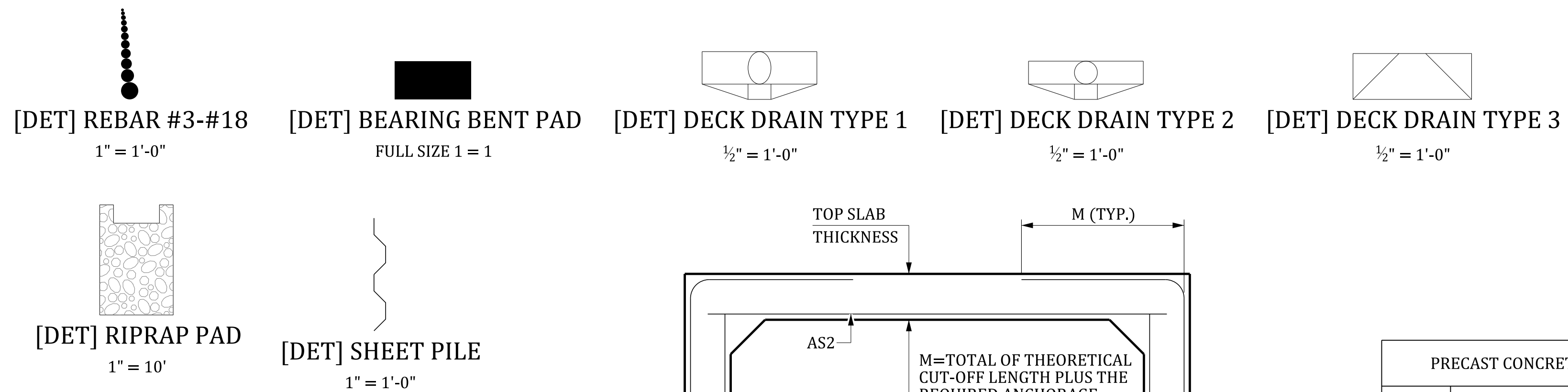
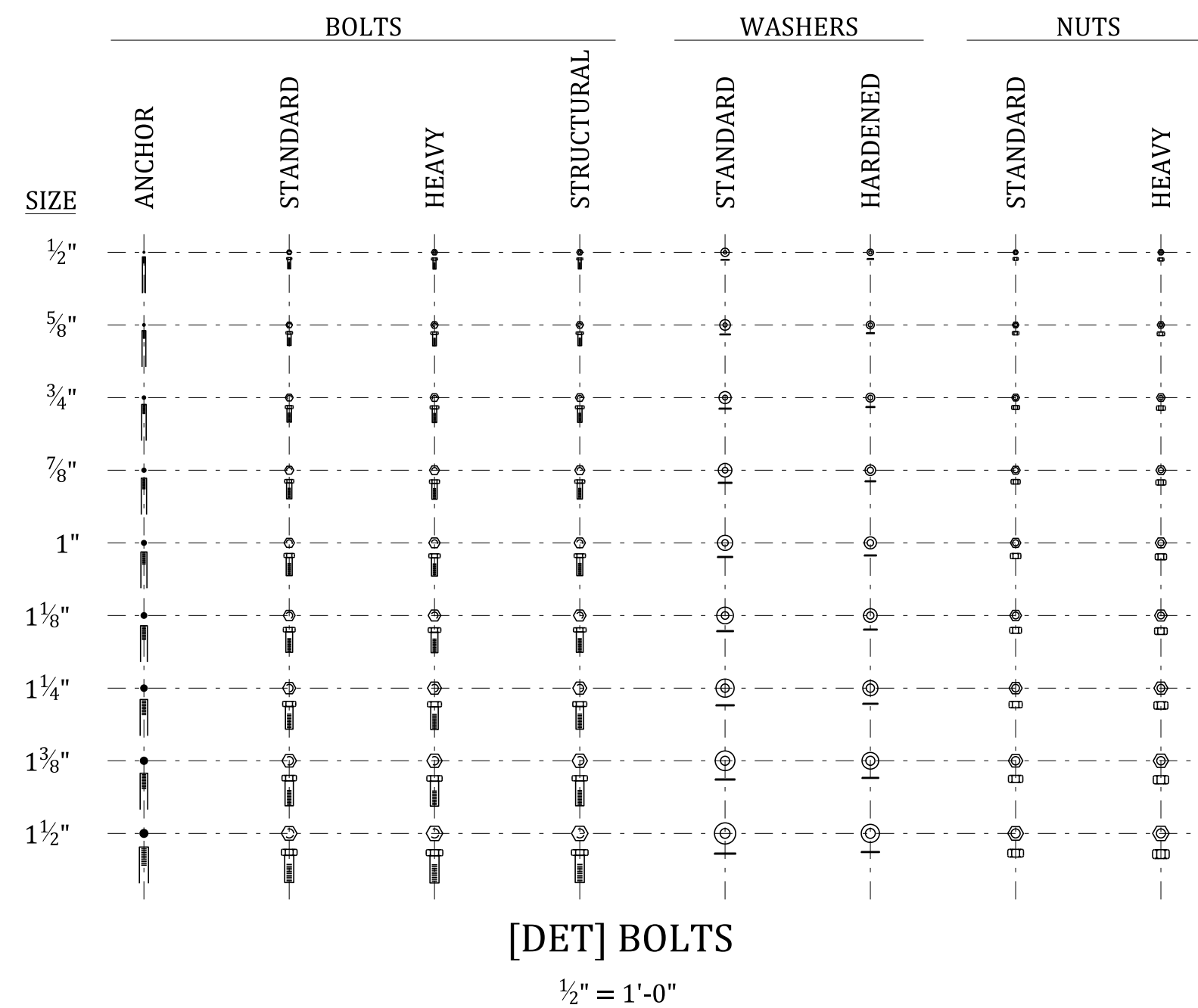
**INTERIOR BENT X**  
MAX. (D.L. + L.L.) REACTION = XXX KIPS  
H-XX LAMINATED  
XX REQUIRED

**INTERIOR BENT X**  
MAX. (D.L. + L.L.) REACTION = XXX KIPS  
H-XX LAMINATED  
XX REQUIRED

**INTERIOR BENT X**  
MAX. (D.L. + L.L.) REACTION = XXX KIPS  
H-XX LAMINATED  
XX REQUIRED

**INTERIOR BENT X**  
MAX. (D.L. + L.L.) REACTION = XXX KIPS  
H-XX LAMINATED  
XX REQUIRED

**INTERIOR BENT X**  
MAX. (D.L. + L.L.) REACTION = XXX KIPS  
H-XX LAMINATED  
XX REQUIRED



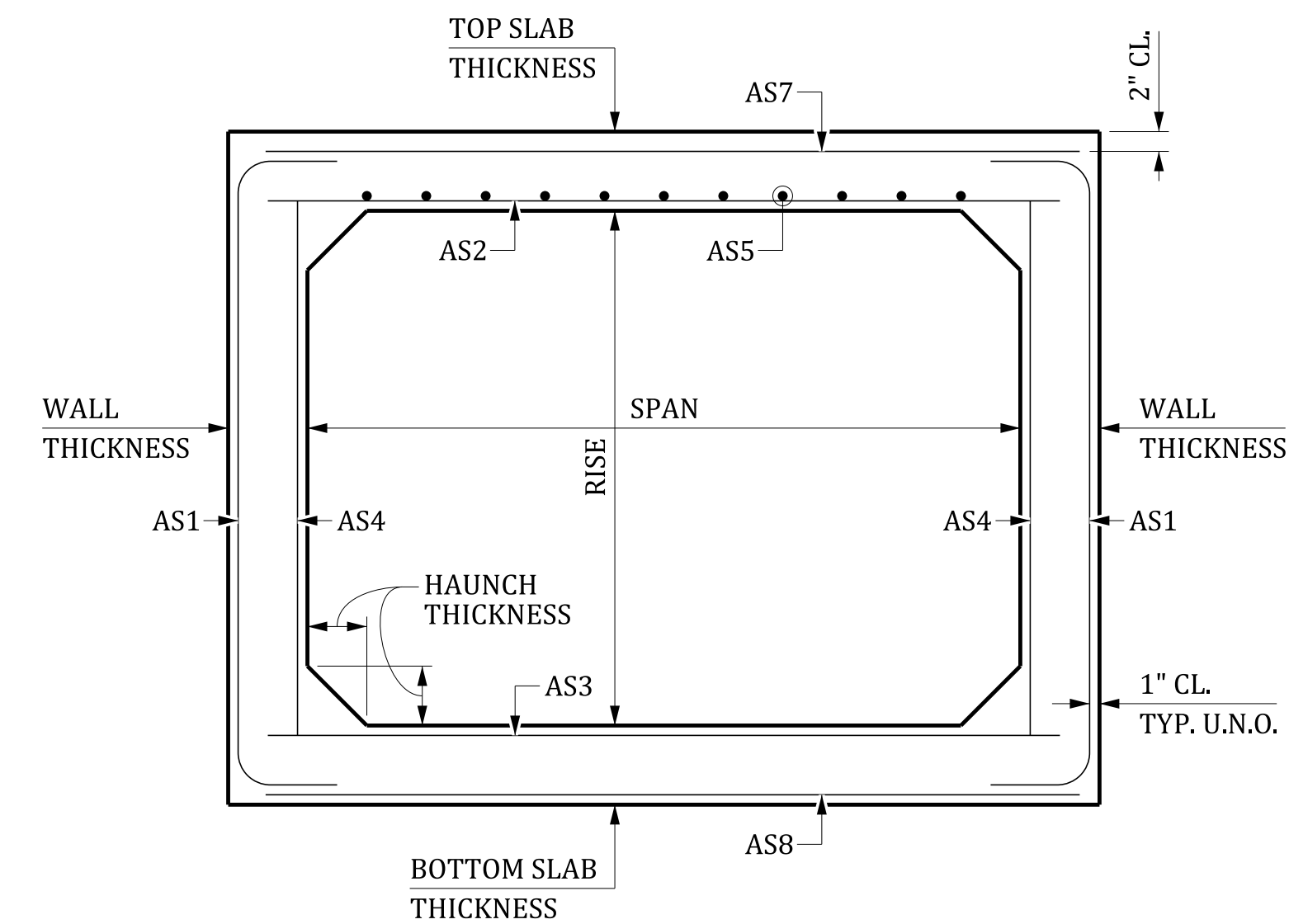
| PRECAST CONCRETE BOX CULVERT (PCBC) DESIGN CRITERIA  |          |        |             |                    |
|--|----------|--------|-------------|--------------------|
| ROUTE  | STATION  | SPAN   | RISE        | DESIGN EARTH COVER |
| XX-XXX   | XX+XX.XX | X'-X"  | X'-X"       | X'-X"              |
| MINIMUM SECTION THICKNESS                            |          |        |             |                    |
| TOP SLAB   | WALLS    | HAUNCH | BOTTOM SLAB |                    |
| X'-X"  | X'-X"    | X'-X"  | X'-X"       |                    |
| MINIMUM CIRCUMFERENTIAL REINF. [IN <sup>2</sup> /FT] |          |        |             | MIN. M [IN]        |
| As1  | As2      | As3    | As4         | X                  |
| X.XX   | X.XX     | X.XX   | X.XX        |                    |

MINIMUM CIRCUMFERENTIAL REINFORCEMENT AREAS ARE BASED SOLELY ON THE USE OF WELDED WIRE REINFORCEMENT WITH 4" SPACING OF THE CIRCUMFERENTIAL WIRES.

**[DET] CULTVERT REINF**

SHOWING GENERAL LAYOUT OF REINFORCING STEEL. SEE ASTM C1577 FOR ADDITIONAL DETAILS FOR PLACEMENT OF REINFORCING STEEL NOT INDICATED IN THESE PLANS.

[DET] CULTVERT REINF  
FULL SIZE 1 = 1



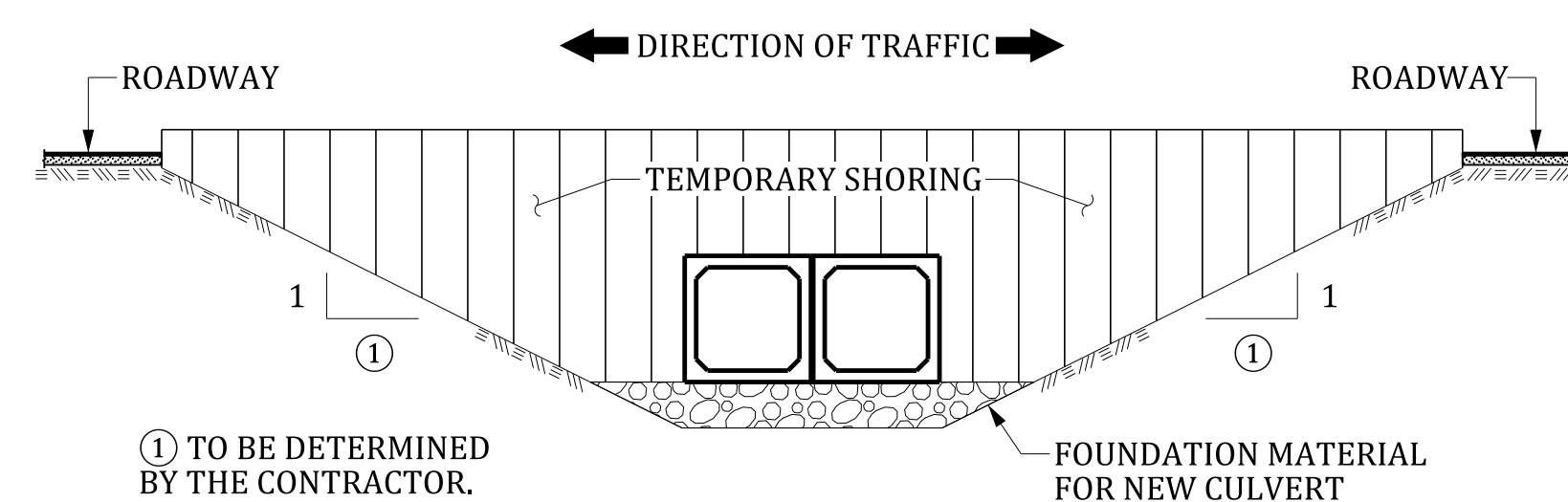
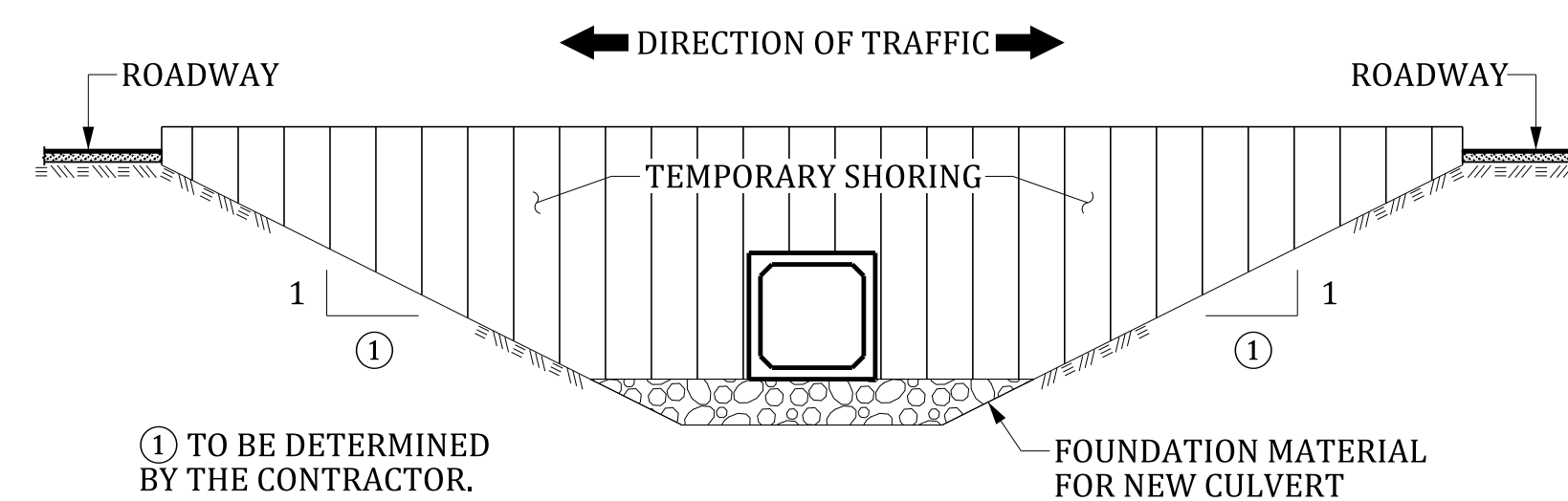
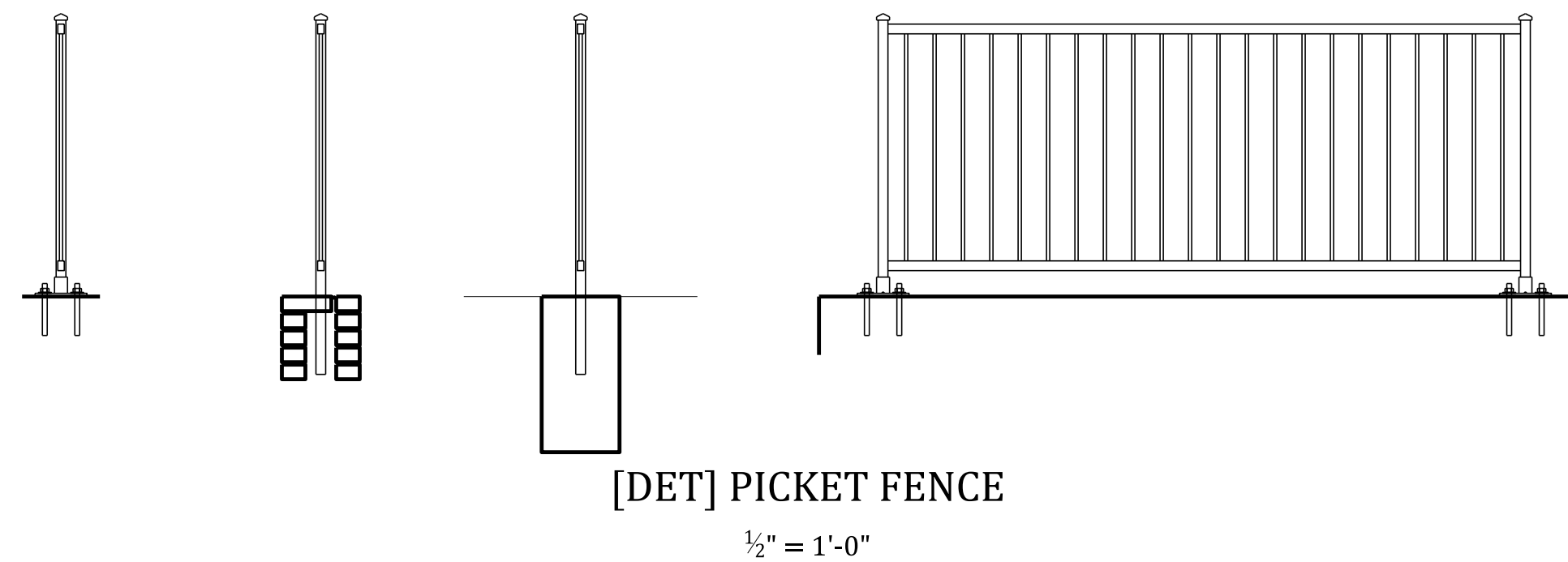
| PRECAST CONCRETE BOX CULVERT (PCBC) DESIGN CRITERIA         |          |        |             |                    |      |       |      |      |
|---|----------|--------|-------------|--------------------|------|-------|------|------|
| ROUTE   | STATION  | SPAN   | RISE        | DESIGN EARTH COVER |      |       |      |      |
| XX-XXX  | XX+XX.XX | X'-X"  | X'-X"       | 0 < 2              |      |       |      |      |
| MINIMUM SECTION THICKNESS                                   |          |        |             |                    |      |       |      |      |
| TOP SLAB  | WALLS    | HAUNCH | BOTTOM SLAB |                    |      |       |      |      |
| X'-X"   | X'-X"    | X'-X"  | X'-X"       |                    |      | X'-X" |      |      |
| MINIMUM CIRCUMFERENTIAL REINFORCEMENT [IN <sup>2</sup> /FT] |          |        |             |                    |      |       |      |      |
| As1   | As2      | As3    | As4         | As5                | As6  | As7   | As8  |      |
| X.XX  | X.XX     | X.XX   | X.XX        | X.XX               | X.XX | X.XX  | X.XX | X.XX |

MINIMUM CIRCUMFERENTIAL REINFORCEMENT AREAS ARE BASED SOLELY ON THE USE OF WELDED WIRE REINFORCEMENT WITH 4" SPACING OF THE CIRCUMFERENTIAL WIRES.

**[DET] CULTVERT REINF 2'**

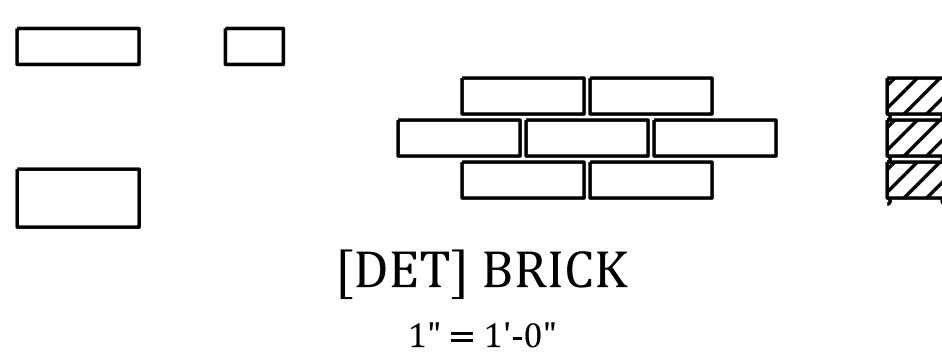
SHOWING GENERAL LAYOUT OF REINFORCING STEEL. SEE ASTM C1577 FOR ADDITIONAL DETAILS FOR PLACEMENT OF REINFORCING STEEL NOT INDICATED IN THESE PLANS.

[DET] CULTVERT REINF 2'  
FULL SIZE 1 = 1



**[DET] SUPERELEVATION**

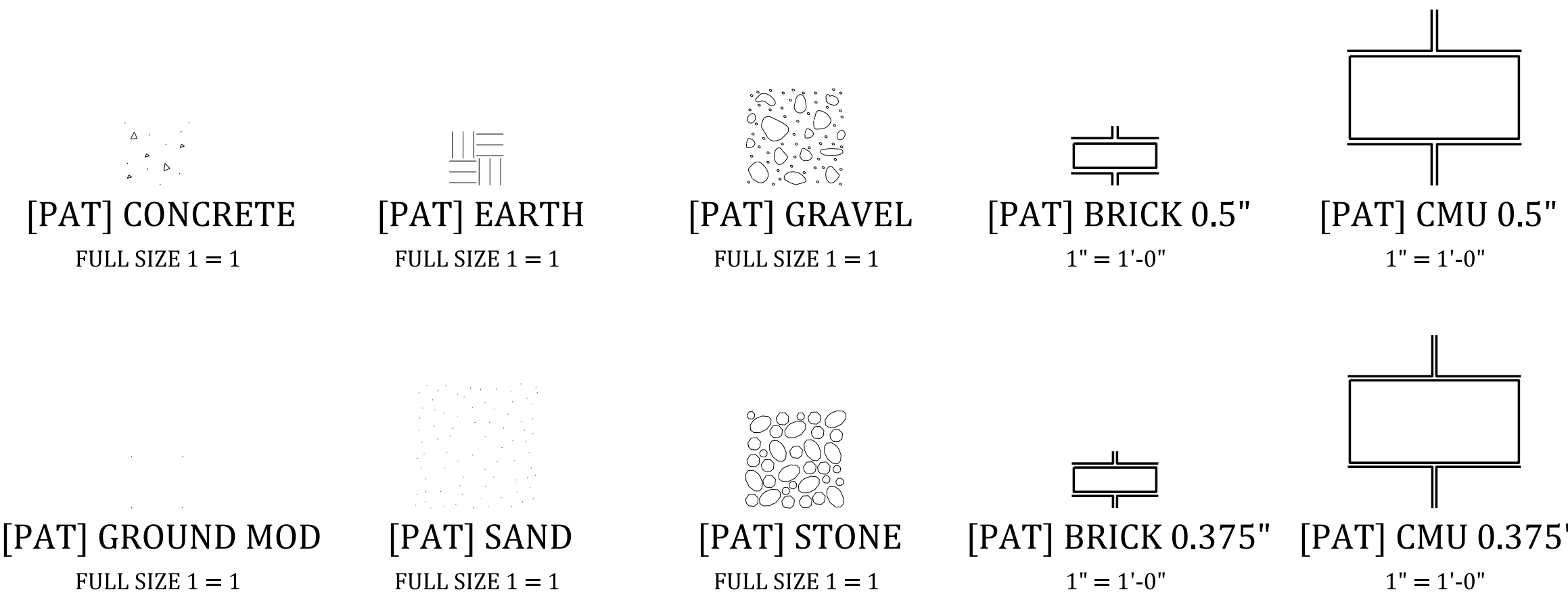
[DET] SUPERELEVATION  
FULL SIZE 1 = 1



| REV. | BY | CHK. | DATE | DESCRIPTION OF REVISION |
|------|----|------|------|-------------------------|
|      |    |      |      |                         |
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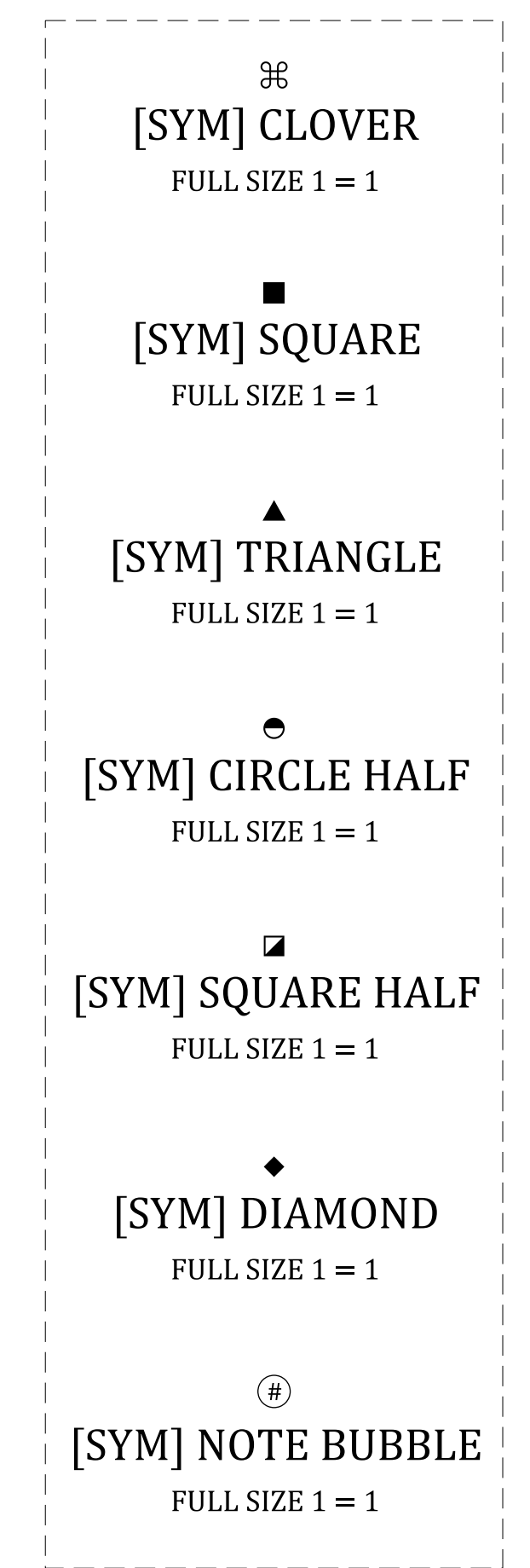
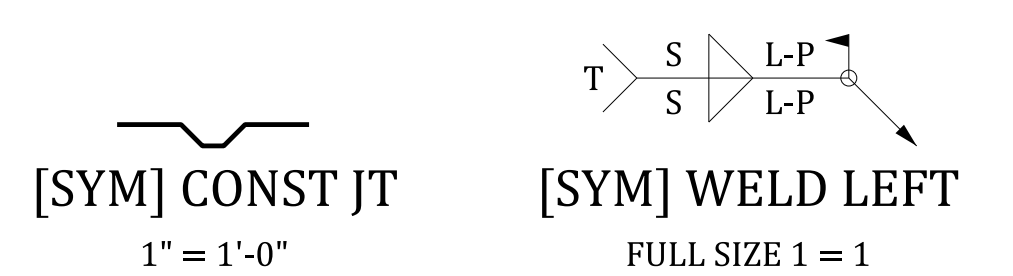
  

| REVIEWED | QUAN. | DR. | MRB | BY | CHK. | DATE |
|----------|-------|-----|-----|----|------|------|
|          |       |     |     |    |      |      |
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|          |       |     |     |    |      |      |



FOR INFORMATION ONLY  
[SYM] FOR INFO ONLY  
FULL SIZE 1 = 1

PRELIMINARY  
SUBJECT TO CHANGE  
[SYM] PRELIMINARY  
FULL SIZE 1 = 1



**HYDROLOGY DATA**  
DRAINAGE AREA = XXX SQ. MI.  
FLOW = X,XXX CFS X,XXX CFS  
VELOCITY = X.XX FPS X.XX FPS  
W.S. ELEV. = XXX.XX FT XXX.XX FT  
HISTORICAL HIGHWATER ELEV. = XXX.XX FT  
BACKWATER ELEVATION UPSTREAM  
X% AEP H.W. ELEV. = XXX.XX FT INCLUDING  
X.XX FT BACKWATER  
1% AEP H.W. ELEV. = XXX.XX FT INCLUDING  
X.XX FT BACKWATER  
STRUCTURE OVERTOPPING FLOOD  
0.2% AEP FLOW = X,XXX CFS  
OVERTOPPING FLOW: XXXXXXXXXXXXXXXXXXXX

[DET] HY DATA BR  
FULL SIZE 1 = 1

**HYDROLOGY DATA**  
MEAN HIGHER HIGH WATER ELEV. = XX.XX FT  
MEAN LOWER LOW WATER ELEV. = XX.XX FT  
1% AEP MAX WAVE PLUS SURGE HEIGHT = XX.XX FT  
STILLWATER HEIGHT = XX.XX FT XX.XX FT  
VELOCITY = X.XX FPS X.XX FPS  
MAX. WAVE HEIGHT = XX.XX FT  
MAX. WAVE CREST ELEV. = XX.XX FT  
HISTORICAL HIGHWATER ELEV. = XX.XX FT  
MIN. BOTTOM INTERIOR BENT CAP ELEV. = XX.XX FT  
BACKWATER ELEVATION UPSTREAM  
X% AEP H.W. ELEV. = XXX.XX FT INCLUDING  
X.XX FT BACKWATER  
1% AEP H.W. ELEV. = XXX.XX FT INCLUDING  
X.XX FT BACKWATER  
DRIFT CLEARANCE ABOVE H.W. = XX.XX FT  
1% AEP CLEAR. ABOVE MAX. WAVE CREST = XX.XX FT  
STRUCTURE OVERTOPPING FLOOD  
0.2% AEP FLOW = X,XXX CFS  
OVERTOPPING FLOW: XXXXXXXXXXXXXXXXXXXX

[DET] HY DATA TIDAL BR  
FULL SIZE 1 = 1

**HYDROLOGY DATA**  
MEAN HIGHER HIGH WATER ELEV. = XX.XX FT  
MEAN LOWER LOW WATER ELEV. = XX.XX FT  
TIDAL SURGE HEIGHT = XX.XX FT  
STILLWATER HEIGHT = XX.XX FT XX.XX FT  
VELOCITY = X.XX FPS X.XX FPS  
MAX. WAVE HEIGHT = XX.XX FT  
MAX. WAVE CREST ELEV. = XX.XX FT  
WAVE RUNUP ELEV. = XX.XX FT  
HEADWATER ELEV. = XX.XX FT XX.XX FT  
HISTORICAL HIGHWATER ELEV. = XX.XX FT  
BACKWATER ELEVATION UPSTREAM  
X% AEP H.W. ELEV. = XXX.XX FT INCLUDING  
X.XX FT BACKWATER  
1% AEP H.W. ELEV. = XXX.XX FT INCLUDING  
X.XX FT BACKWATER  
STRUCTURE OVERTOPPING FLOOD  
0.2% AEP FLOW = X,XXX CFS  
OVERTOPPING FLOW: XXXXXXXXXXXXXXXXXXXX

[DET] HY DATA TIDAL BR CULVERT  
FULL SIZE 1 = 1

**HYDROLOGY DATA**  
DRAINAGE AREA = XXX SQ. MI.  
FLOW = X,XXX CFS X,XXX CFS  
VELOCITY = X.XX FPS X.XX FPS  
HEADWATER ELEV. = XXX.XX FT XXX.XX FT  
HISTORICAL HIGHWATER ELEV. = XXX.XX FT  
BACKWATER ELEVATION UPSTREAM  
X% AEP H.W. ELEV. = XXX.XX FT INCLUDING  
X.XX FT BACKWATER  
1% AEP H.W. ELEV. = XXX.XX FT INCLUDING  
X.XX FT BACKWATER  
STRUCTURE OVERTOPPING FLOOD  
0.2% AEP FLOW = X,XXX CFS  
OVERTOPPING FLOW: XXXXXXXXXXXXXXXXXXXX

[DET] HY DATA CLVT  
FULL SIZE 1 = 1

**HYDROLOGY DATA**  
MEAN HIGHER HIGH WATER ELEV. = XX.XX FT  
MEAN LOWER LOW WATER ELEV. = XX.XX FT  
DESIGN TIDAL SURGE HEIGHT = XX.XX FT  
STILLWATER HEIGHT = XX.XX FT XX.XX FT  
VELOCITY = X.XX FPS X.XX FPS  
HEADWATER ELEV. = XX.XX FT XX.XX FT  
HISTORICAL HIGHWATER ELEV. = XX.XX FT  
BACKWATER ELEVATION UPSTREAM  
X% AEP H.W. ELEV. = XXX.XX FT INCLUDING  
X.XX FT BACKWATER  
1% AEP H.W. ELEV. = XXX.XX FT INCLUDING  
X.XX FT BACKWATER  
STRUCTURE OVERTOPPING FLOOD  
0.2% AEP FLOW = X,XXX CFS  
OVERTOPPING FLOW: XXXXXXXXXXXXXXXXXXXX

[DET] HY DATA TIDAL CLVT  
FULL SIZE 1 = 1

**HYDROLOGY DATA**  
DRAINAGE AREA = XXX SQ. MI.  
FLOW = X,XXX CFS X,XXX CFS  
VELOCITY = X.XX FPS X.XX FPS  
HEADWATER ELEV. = XXX.XX FT XXX.XX FT  
HISTORICAL HIGHWATER ELEV. = XXX.XX FT  
BACKWATER ELEVATION UPSTREAM  
X% AEP H.W. ELEV. = XXX.XX FT INCLUDING  
X.XX FT BACKWATER  
1% AEP H.W. ELEV. = XXX.XX FT INCLUDING  
X.XX FT BACKWATER  
STRUCTURE OVERTOPPING FLOOD  
0.2% AEP FLOW = X,XXX CFS  
OVERTOPPING FLOW: XXXXXXXXXXXXXXXXXXXX

[DET] HY DATA BR CLVT  
FULL SIZE 1 = 1

**VERTICAL CURVE DATA**  
-X.XX% -X.XX%  
VPI STA. = XXX+XX.XX  
VPI ELEV. = XXX.XX  
V.C. = XXX'

[DET] VERT CURVE DATA 1VPI  
FULL SIZE 1 = 1

**VERTICAL CURVE DATA**  
-X.XX% -X.XX% +X.XX%  
VPI STA. = XXX+XX.XX XXX+XX.XX  
VPI ELEV. = XXX.XX XXX.XX  
V.C. = XXX' XXX'

[DET] VERT CURVE DATA 2VPI  
FULL SIZE 1 = 1

**HORIZONTAL CURVE DATA**  
PI = XXX+XX.XX  
Δ = XX°XX'XX"  
D = XX°XX'XX"  
T = XXX.XX'  
L = XXX.XX'  
E = XXX.XX'  
R = XXX.XX'

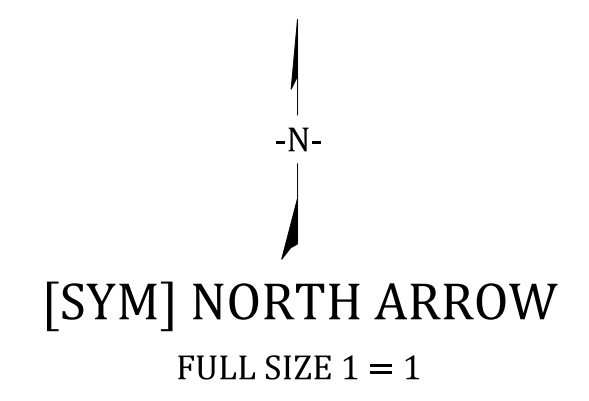
[DET] HORIZ CURVE DATA  
FULL SIZE 1 = 1

**RETAINING WALL DESIGN DATA**  
XXXXXXXX EARTH PRESSURE THEORY  
SURCHARGE = XXX PSF LIVE LOAD  
BACKFILL SLOPE = XX:1  
y = XXX PCF  
φ = XX°  
δ = XX°  
μ = X.XX  
q<sub>s</sub> = X,XXX PSF  
k<sub>a</sub> = X.XXX

[DET] RETAIN WALL DATA  
FULL SIZE 1 = 1

BM #X - XXXXXXXXXXXXXXXX  
STA. XXX+XX.XX, XX.XX' LT.  
ROUTE X-XXX, ELEV. XXX.XXX

[DET] BENCHMARK  
FULL SIZE 1 = 1



BENT NO. →  
[SYM] NUMBER BENT  
FULL SIZE 1 = 1

PILE NO. →  
PILES ARE NUMBERED FROM LEFT TO RIGHT LOOKING IN DIRECTION OF STATION.  
[SYM] NUMBER PILE FULL SIZE 1 = 1

SHAFT NO. →  
SHAFTS ARE NUMBERED FROM LEFT TO RIGHT LOOKING IN DIRECTION OF STATION.  
[SYM] NUMBER SHAFT FULL SIZE 1 = 1

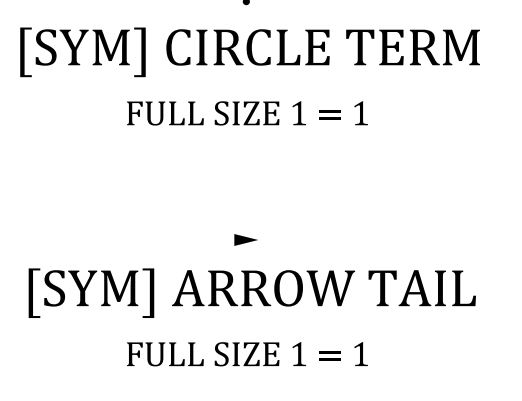
BEAM NO. →  
BEAMS ARE NUMBERED FROM LEFT TO RIGHT LOOKING IN DIRECTION OF STATION.  
[SYM] NUMBER BEAM FULL SIZE 1 = 1

[SYM] STRAND 1 1" = 1'-0"

[SYM] STRAND 2 1" = 1'-0"

[SYM] STRAND 3 1" = 1'-0"

[SYM] CURVE MARKER FULL SIZE 1 = 1



[SYM] BORING FULL SIZE 1 = 1

[SYM] LANE ARROW FULL SIZE 1 = 1

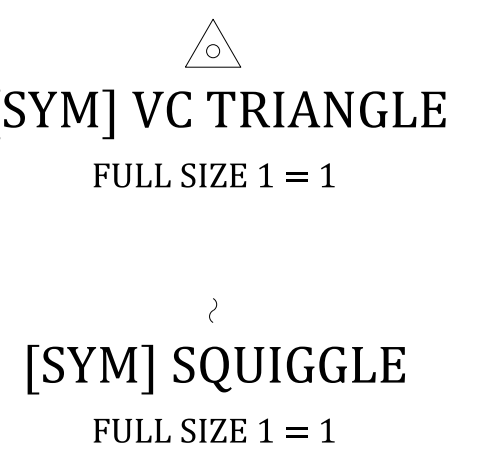
[SYM] LANE TURN ARROW FULL SIZE 1 = 1

[SYM] SECTION CUT 1 FULL SIZE 1 = 1

[SYM] SECTION CUT 2 FULL SIZE 1 = 1

[SYM] STATION DIR FULL SIZE 1 = 1

[SYM] CURVE MARKER FULL SIZE 1 = 1



[SYM] BREAK COL 1/2" = 1'-0"

[SYM] BREAK DET FULL SIZE 1 = 1

[SYM] BREAK DET DLB FULL SIZE 1 = 1

[SYM] BREAK DIM FULL SIZE 1 = 1

[SYM] NOTE BOX FULL SIZE 1 = 1

[SYM] NOTE REV FULL SIZE 1 = 1

[SYM] STAR FULL SIZE 1 = 1

[SYM] WATER ELEV FULL SIZE 1 = 1

[SYM] FLOW FULL SIZE 1 = 1

|        |            |       |       |
|--------|------------|-------|-------|
| COUNTY | PROJECT ID | ROUTE | SHEET |
| ####   | ####       | ####  | ####  |

[DET] ROADWAY STRUCT  
FULL SIZE 1 = 1

|      |      |                         |
|------|------|-------------------------|
| REV. | DATE | DESCRIPTION OF REVISION |
|      |      |                         |
|      |      |                         |
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| REVIEWED | QUAN. | DR. | MRB | 01-24 | DATE |
|          |       |     |     |       |      |
|          |       |     |     |       |      |
|          |       |     |     |       |      |
|          |       |     |     |       |      |

**BEARING LEGEND**  
F = FIXED  
X = EXPANSION  
I = INTEGRAL  
SI = SEMI-INTEGRAL  
[DET] BEARING LEGEND  
FULL SIZE 1 = 1

THESE SYMBOLS ARE PART OF THE CAMBRIA MATH FONT.

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SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

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