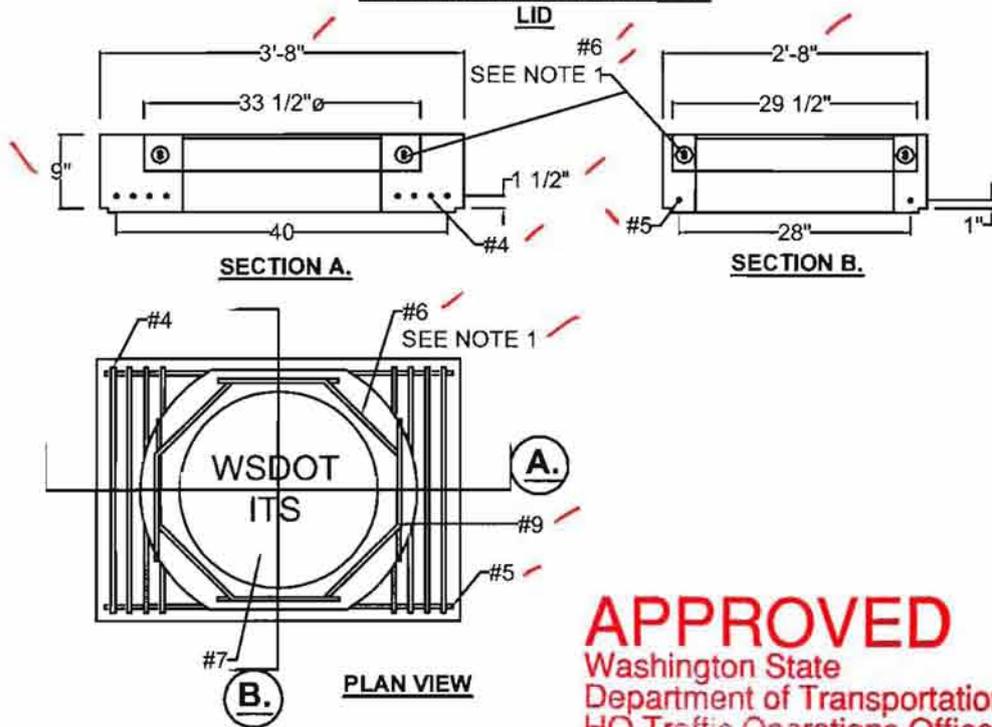
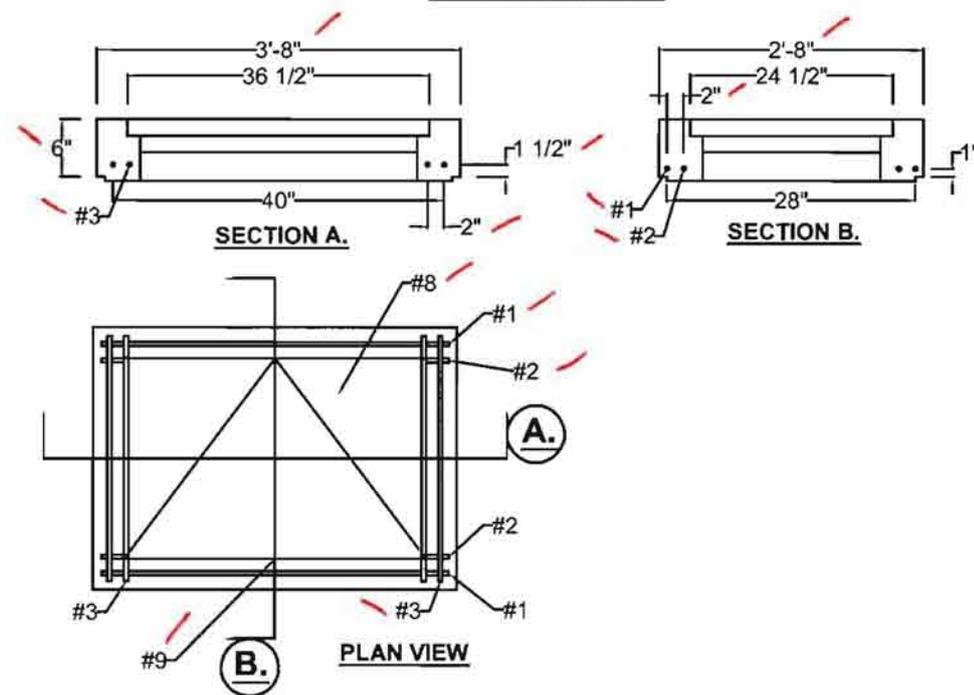


WSDOT HEAVY DUTY 233-02 9" LID

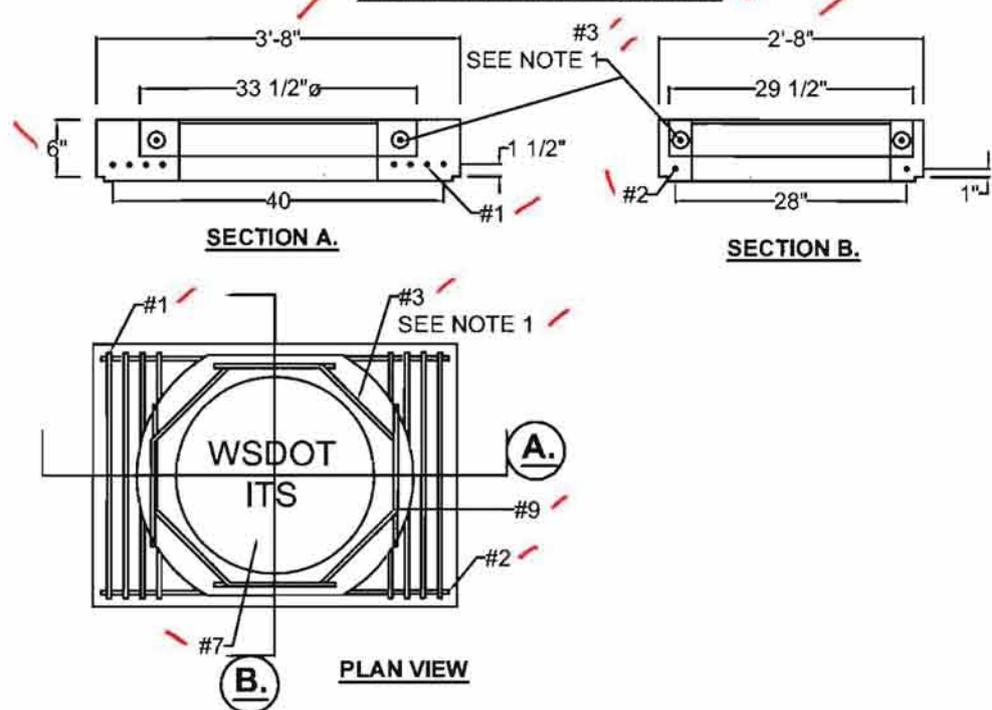


WSDOT 233-2436 LID



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 Washington State
 Department of Transportation
 HQ Traffic Operations Office
 DATE December 2, 2009 TAT

WSDOT HEAVY DUTY 233-02 LID 6" LID



NOTES:

- 1.) RUN THROUGH RING LOOPS IN CASTING
- 2.) ALL REBAR GRADE 60

ITEM #	DESCRIPTION/SIZE	QTY.	SPACING
1	#6 BAR @ 42"	2	28" ϵ TO ϵ
2	#5 BAR @ 42"	2	2" O.C.E.W. OF #1
3	#5 BAR @ 30"	4	2" O.C.E.W.
4	#5 BAR @ 30"	8	2" O.C.E.W.
5	#6 BAR @ 42"	2	28" ϵ TO ϵ
6	#4 @ 36" BEND @ 45° 13" IN EA. SIDE	8	SEE NOTE 1
7	EJIW WSDOT ITS 24" RING & COVER 37117PT	1	N/A
8	INWESCO 2436 HATCH 35A152-A OR USE 2436 HATCH 56753	1	N/A
9	1/2" BONDING INSERT	1	1 EACH LID

THIS DRAWING HAS BEEN PREPARED FOR YOUR REVIEW AND APPROVAL

- APPROVED AS SUBMITTED
- APPROVED AS CORRECTED
- RESUBMIT

PLEASE CHECK THE APPROPRIATE BOX AND RETURN ONE SIGNED COPY SO THAT WE MAY PROCEED WITH PRODUCTION.

SIGNED _____

TITLE _____ DATE _____

DRAWN: R.H.

DATE: 9/1/09

QC: J.T.

SCALE: NTS

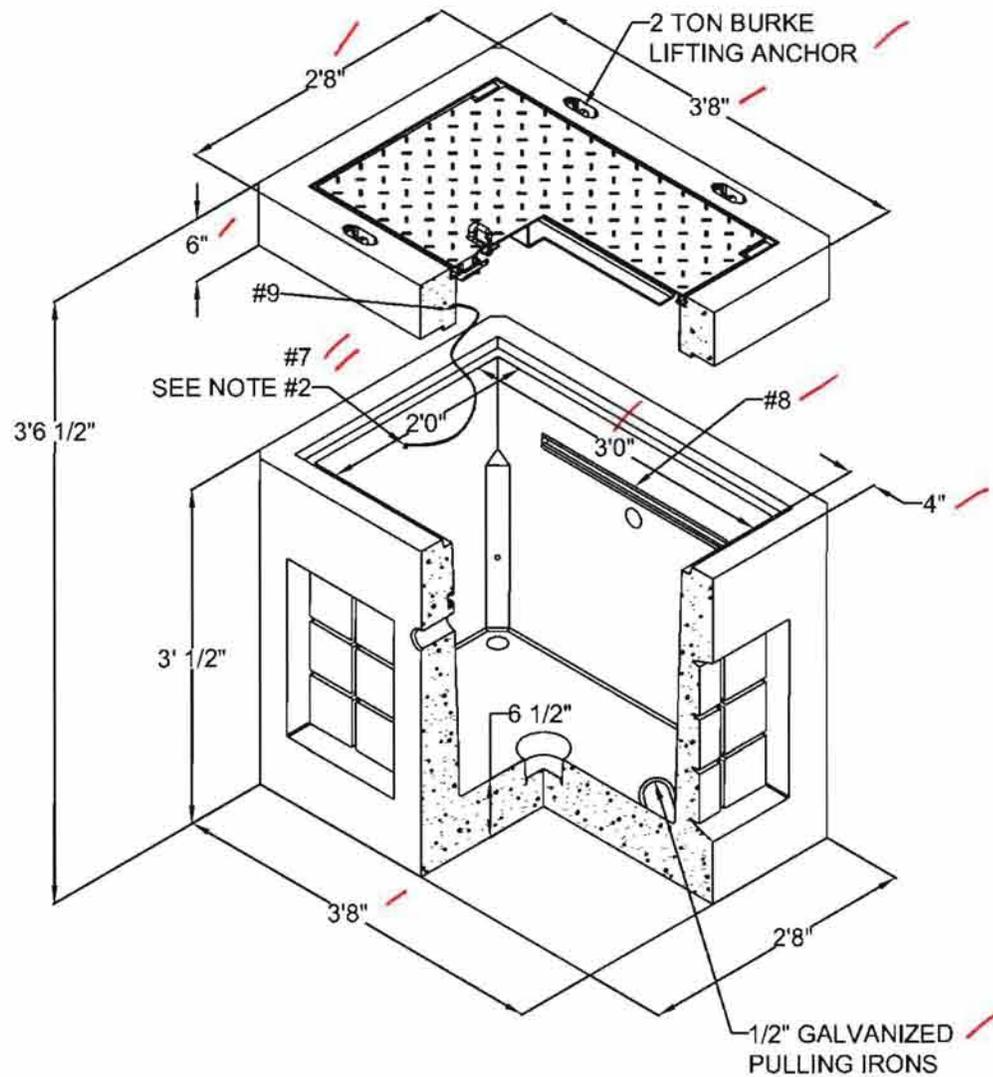
WSDOT HEAVY DUTY 233 LIDS

PAGE: 1 of 2

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H² PRE-CAST INC.
CONCRETE PRODUCTS

(509) 884-6644 Phone (509) 884-4567 Fax



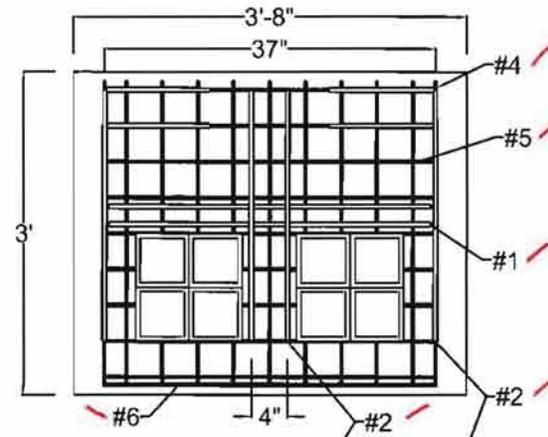
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 Department of Transportation
 HQ Traffic Operations Office
 DATE December 2, 2009 TAT

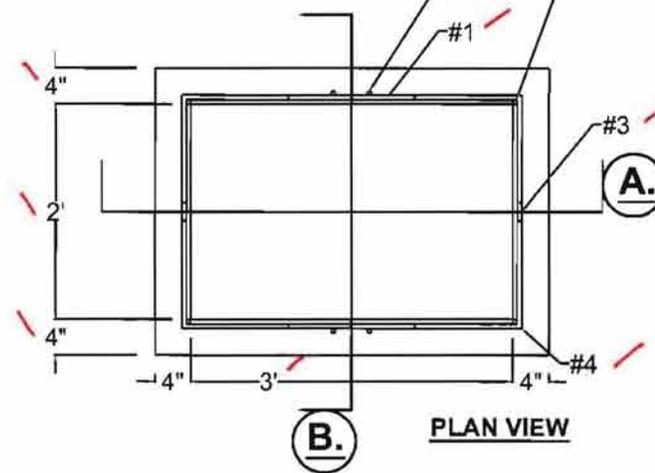
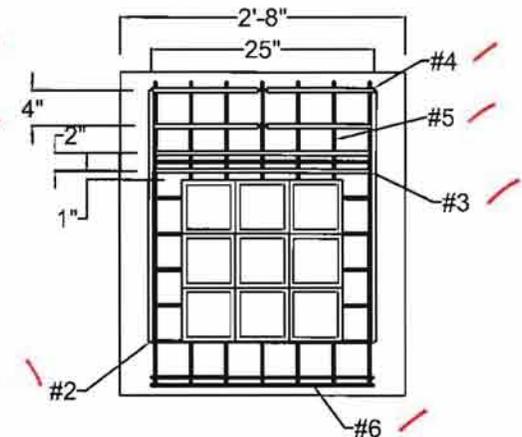
NOTES:

- 1.) 2 EA. CORNER 4" ϵ TO ϵ
- 2.) 5/8" X 3/4" SS GROUND STUD WITH SS NUTS AND SS WASHERS SHALL BE ATTACHED TO BRASS GROUND LUG IN VAULT AND BONDING INSERT IN LID.
- 3.) BRASS GROUNDING LUG AND BONDING INSERT TO BE ATTACHED VIA #8 MIN. X 4' (FT.) TINNED BRAIDED COPPER BONDING JUMPER.
- 4.) ALL REBAR GRADE 60

SECTION A.



SECTION B.



PLAN VIEW

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- APPROVED AS CORRECTED
- RESUBMIT

PLEASE CHECK THE APPROPRIATE BOX AND RETURN ONE SIGNED COPY SO THAT WE MAY PROCEED WITH PRODUCTION.

SIGNED _____

TITLE _____ DATE _____

BAR #	DESCRIPTION/SIZE	QTY.	SPACING
1	#3 BAR @ 36"	4	2" ϵ TO ϵ
2	#3 BAR @ 28"	8	4" ϵ TO ϵ /1 EA CORNER
3	#3 BAR @ 24"	4	2" ϵ TO ϵ
4	#4 BAR @ 24" BEND @ 90°	8	SEE NOTE 1
5	4X4 WWF W2.9XW2.9	1	374 sq. ft. 8" OVERLAP
6	4X4 WWF W2.9XW2.9	1	130 sq. ft. 8" OVERLAP
7	1/2" BRASS GROUNDING INSERT	1	ONE INTERNAL
8	24" X 1 5/8" X 13/16" STAINLESS STEEL UNISTRUT	2	ONE EACH LONG WALL
9	1/2" BONDING INSERT	1	IN LID

DRAWN: R.H. DATE: 9/1/09

QC: J.T. SCALE: NTS

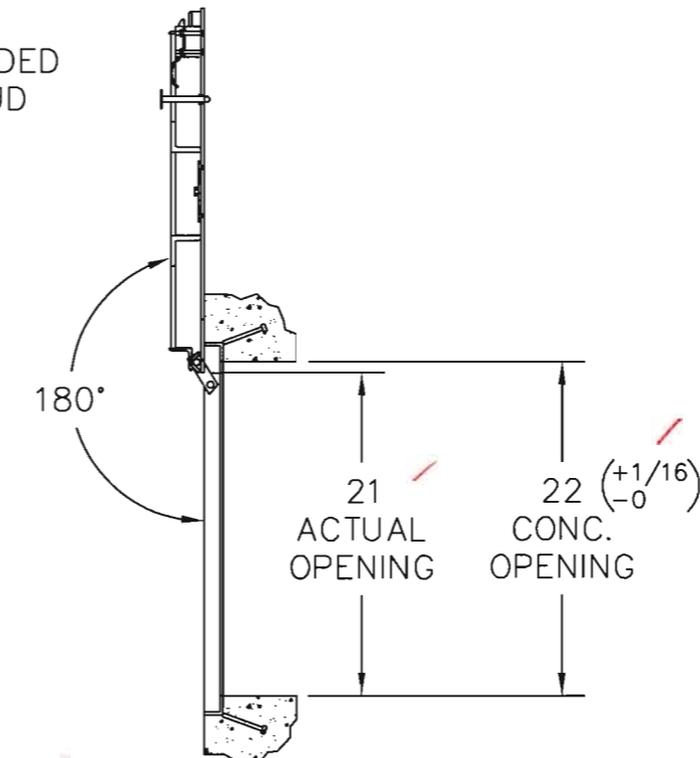
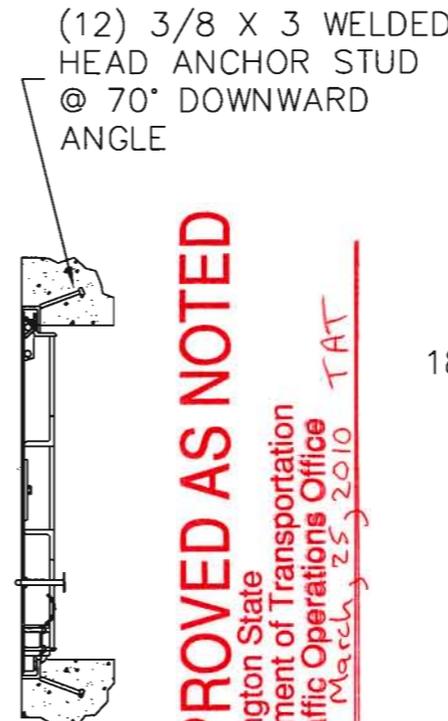
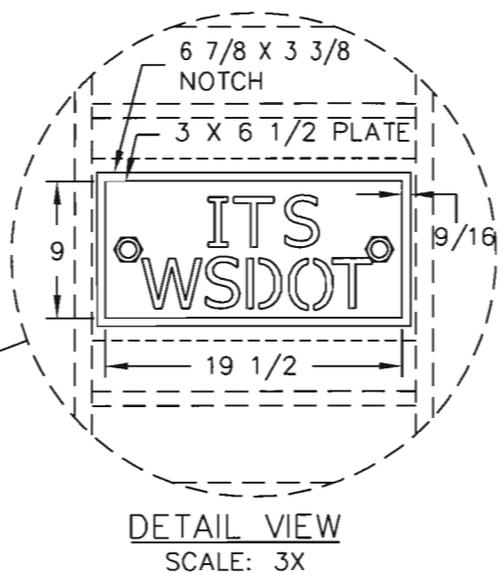
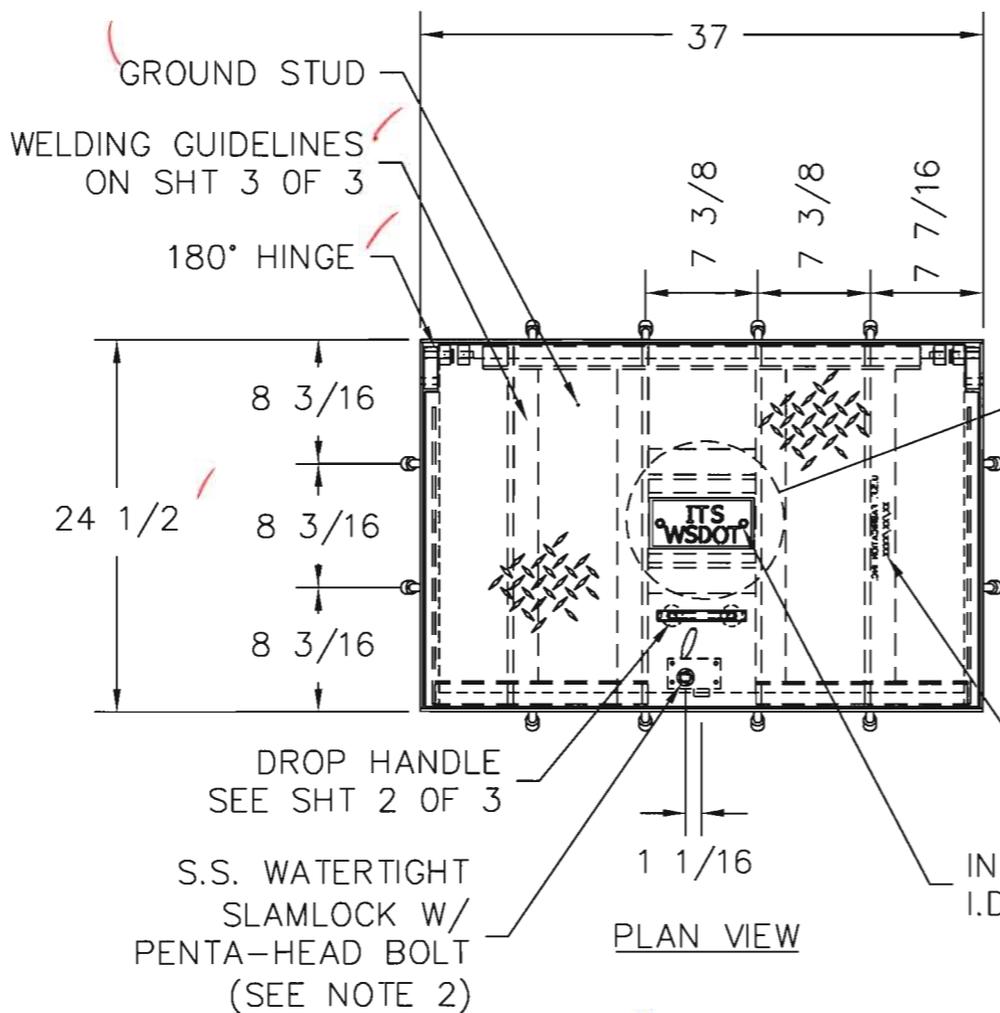
WSDOT 233 VAULT BASE

PAGE: 2 of 2

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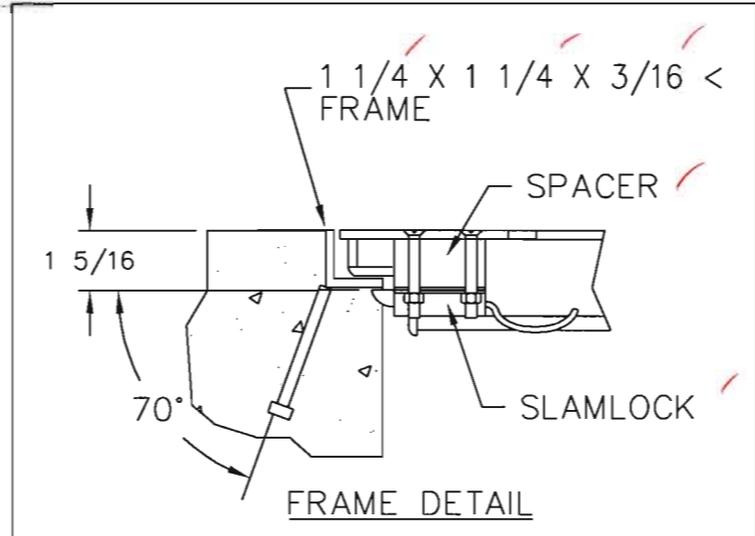
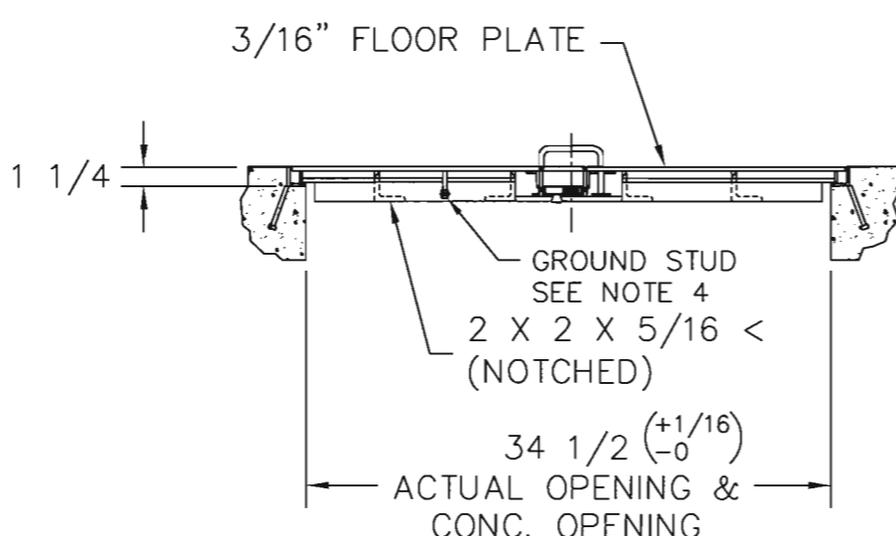
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 Department of Transportation
 HQ Traffic Operations Office
 DATE: March 25, 2010 TAT

Recess top of Penta-Head bolt 1/8" minimum.



- NOTES:**
- 1- MATERIAL: A36, STEEL
 FLOOR PLATE: ASTM A786
 3/16 X 3/4 F.B. CRS 10-18, HOT DIPPED GALVANIZED AFTER FABRICATION.
 - 2- 316 STAINLESS STEEL NUTS & BOLTS AND SLAMLOCK.
 - 3- APPROX. HATCH WEIGHT: 137 LBS.
 - 4- 1/4 - 20 UNC X 3/4 SS GROUND STUD W/2 SS NUTS AND 2 SS WASHERS ATTACHED & COATED WITH ANTI-SEIZE

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U.S.F. FABRICATION INC.
 HIALEAH, FLORIDA

UFCS 16K - 24 X 36 - STEEL (GALV.)
 W/ SLAMLOCK, ID PLATE & 180° HINGES

REV.	DATE	BY	CHK.	DESCRIPTION
3/19/10	LS			CHANGED NOTE 2 AND WELDS
3/12/10	LS			ADDED STUD TO FRAME WELD
3/8/10	LS			ADDED WELD SCHEDULE
3/5/10	LS			CLARIFIED WELDS
11/19/09	G.G.			PER CUSTOMER REQUEST

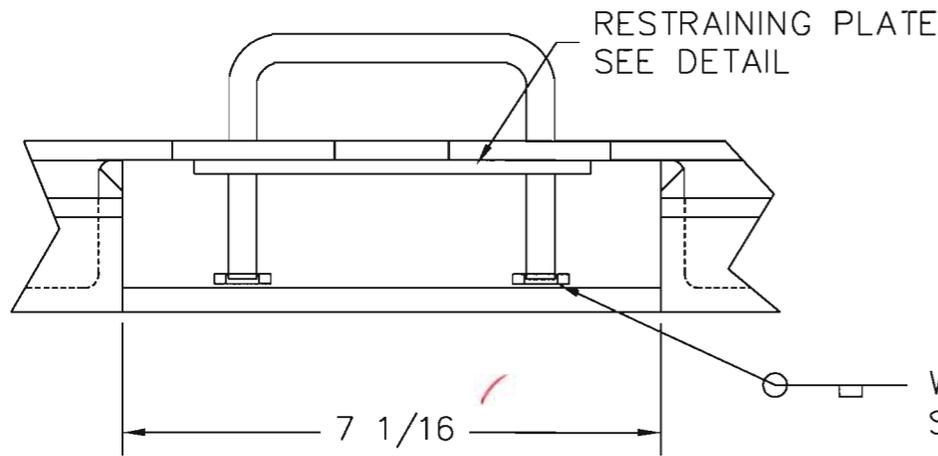
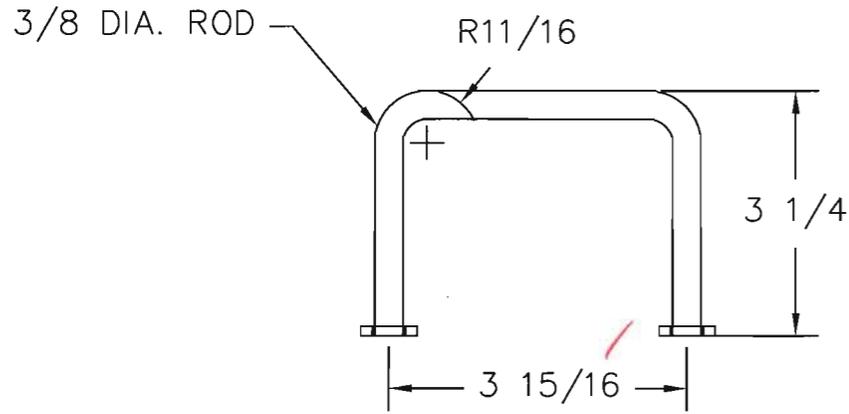
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DWN. BY: G.G.	SCALE: 1/12=1	QUOTE# 56753	DATE: 1/3/09
CHK. BY: LSS	DWG.# 56753-3	SHEET SIZE: B	SHEET NO: 1 OF 5

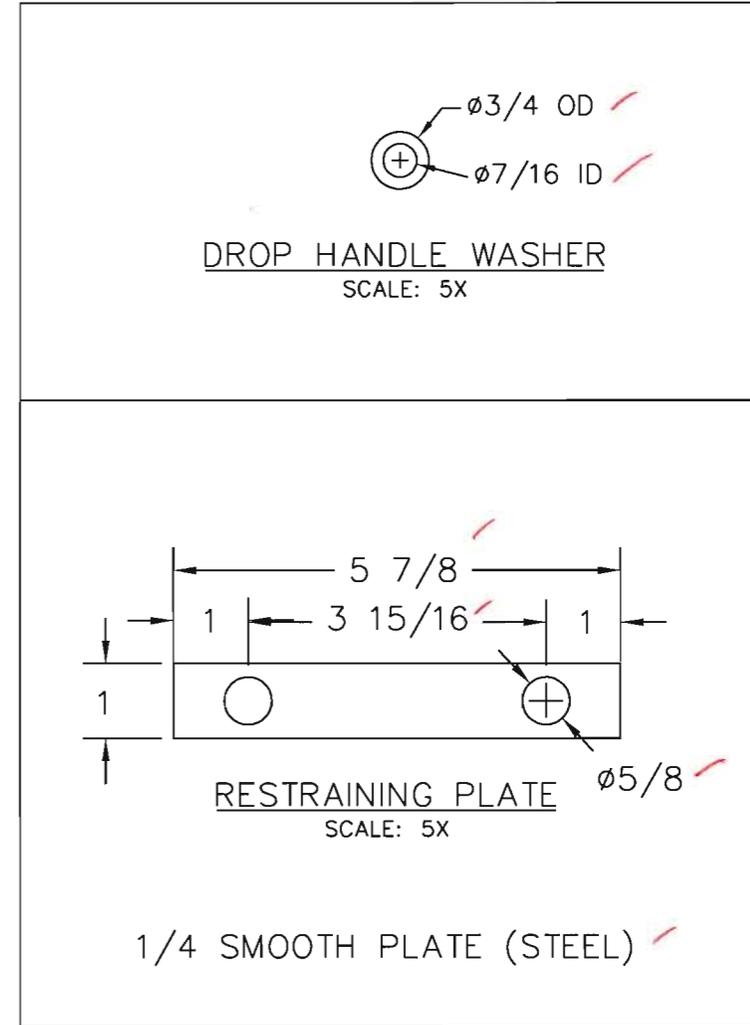
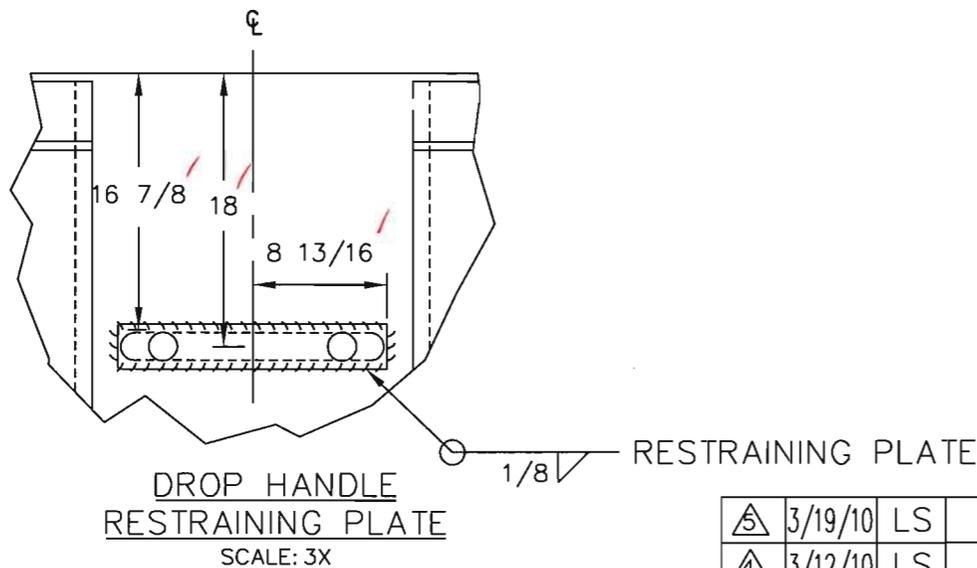
APPROVED

Washington State
Department of Transportation
HQ Traffic Operations Office

DATE March 25, 2010 TAT



DROP HANDLE DETAIL
SCALE: 3X

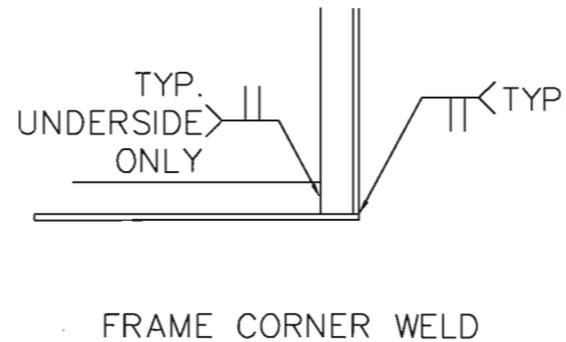
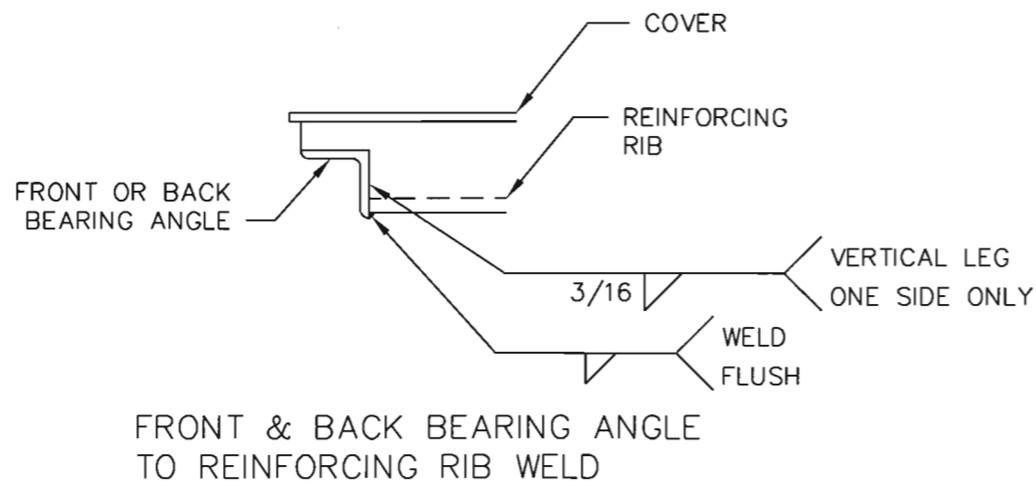
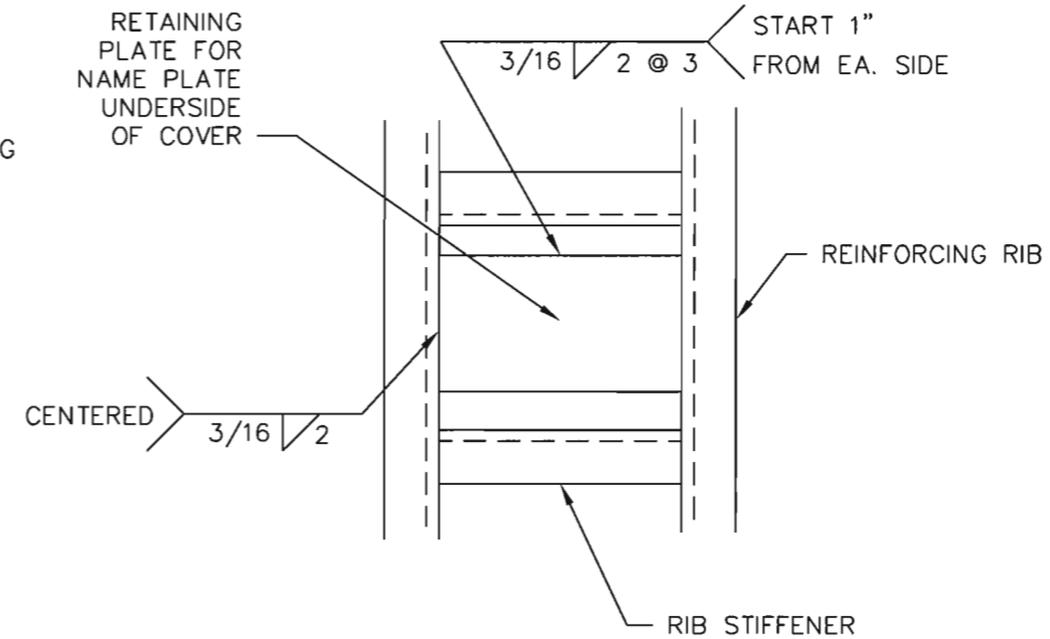
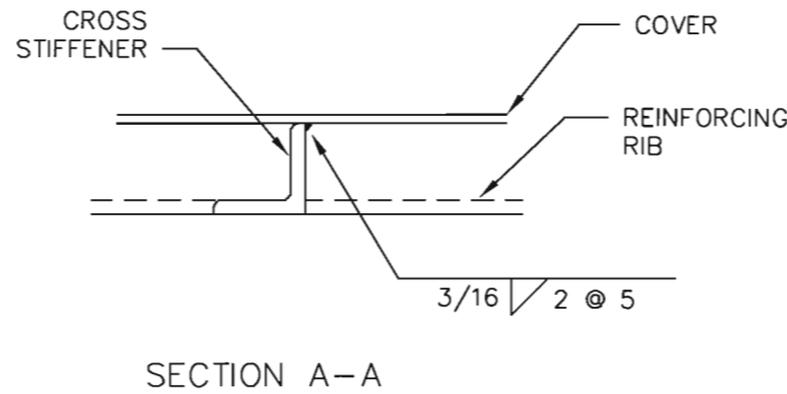
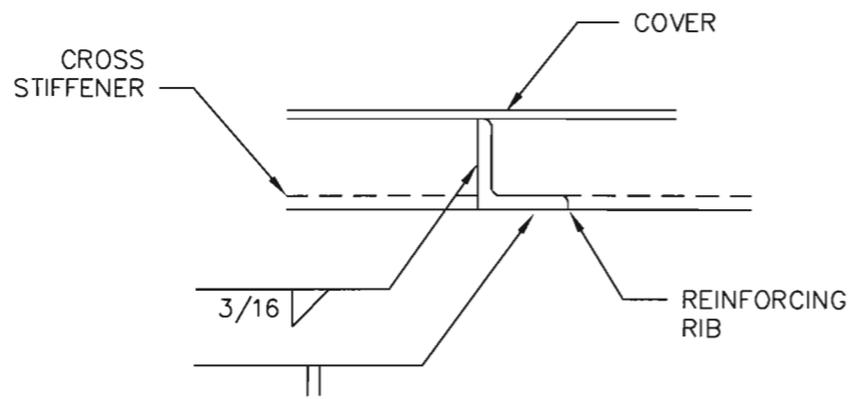
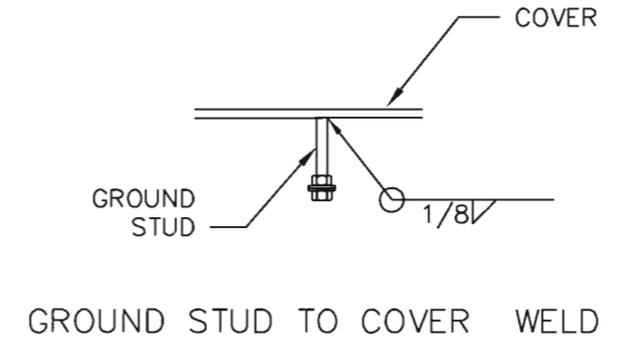
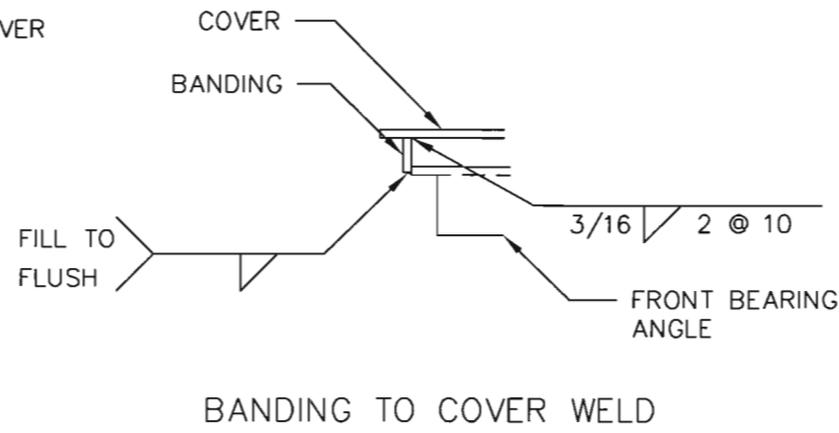
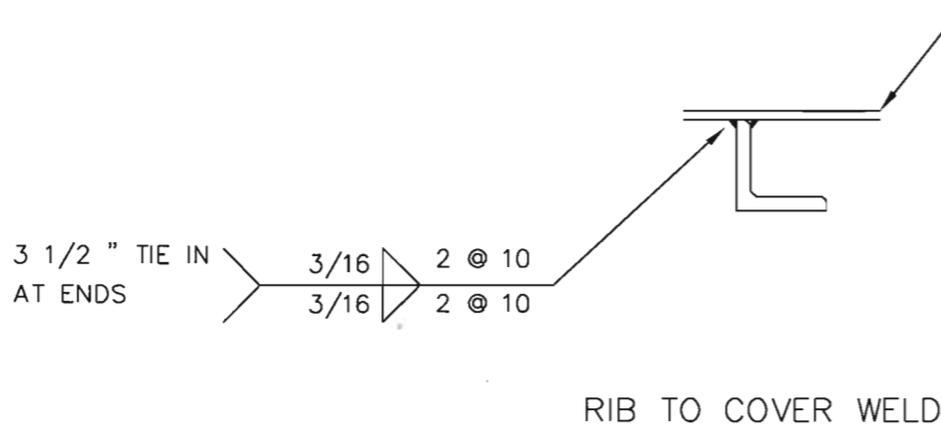


U.S.F. FABRICATION INC.
HIALEAH, FLORIDA

UFCS 16K - 24 X 36 - STEEL
W/SLAMLOCK, I.D. PLATE, & 180° HINGES

△	3/19/10	LS	CHANGED NOTE 2 AND WELDS
△	3/12/10	LS	ADDED STUD TO FRAME WELD
△	3/8/10	LS	ADDED WELD SCHEDULE

DWN. BY: G.G.	SCALE: 1=12	QUOTE# 56753	DATE: 2 1/3/09
CHK. BY:	DWG. NO: 56753-3	SHEET 2 of 5	REV: △

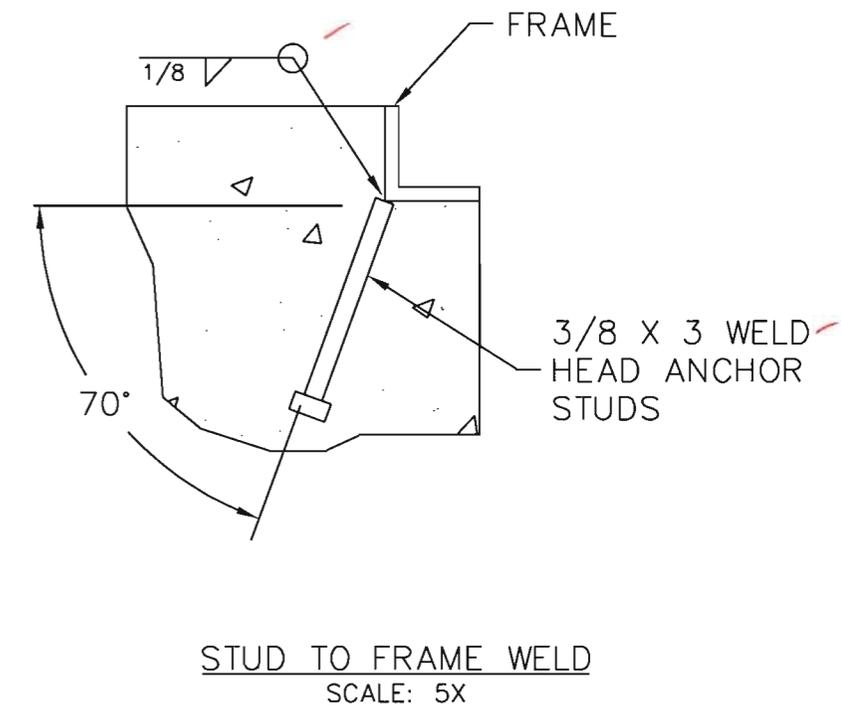
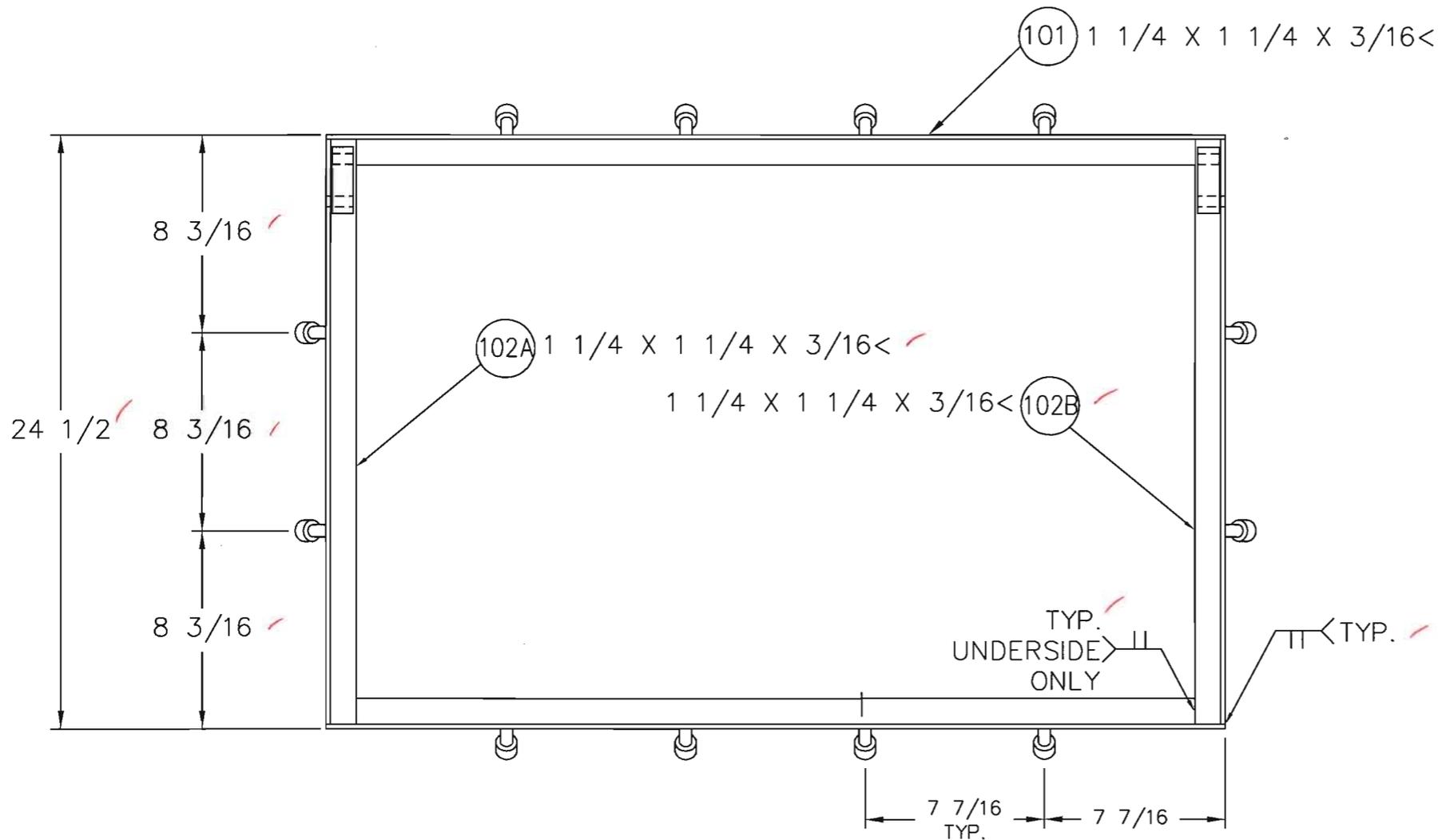


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Washington State
Department of Transportation
HQ Traffic Operations Office
DATE March 25, 2010 TAT

3/19/10	LS	CHANGED NOTE 2 AND WELDS
3/12/10	LS	ADDED STUD TO FRAME WELD

U.S.F. FABRICATION INC. HIALEAH, FLORIDA			
UFCS 16K - 24 X 36 - STEEL WELD SCHEDULE DETAILS			
DWN. BY: LSS	SCALE: 1=12	QUOTE # 56753	DATE: 3/8/10
CHK. BY:	DWG. NO: 56753-3	SHEET 5 of 5	REV: A



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 Department of Transportation
 HQ Traffic Operations Office
 DATE March 25, 2010 TAT

REV.	DATE	BY	CHK.	DESCRIPTION
△	3/19/10	LS		CHANGED NOTE 2 AND WELDS
△	3/12/10	LS		ADDED STUD TO FRAME WELD
△	3/8/10	LS		ADDED WELD SCHEDULE
△	7/29/09	G.G.		MOD. OF HINGE ASSEMBLY
△	3/21/09	G.G.		MOD. OF DROP HANDLE & ID PLATE

U.S.F. FABRICATION INC. HIALEAH, FLORIDA			
UFCS 16K - 24 X 36- STEEL W/SLAMLOCK, I.D. PLATE, & 180° HINGES			
DWN. BY: G.G.	SCALE: 1=1	QUOTE#	DATE: 2/13/09
CHK. BY: LSS	DWG. NO: 56753-3	SHEET 4 of 5	REV: △