

EMBEDS:

12mm [1/2"] X 210mm [8 1/2"] STEEL PLATE EMBED DIMENSIONS
HORIZONTALS 1578mm [62 1/8"] (2)
VERTICALS 2192mm [86 1/4"] (2)
6mm [1/4"] X 51mm [2"] X 203mm [8"] STEEL TUBE SUBFRAME DIMENSION
MULLIONS 2192mm [86 1/4"] (2)

LOOSE PARTS:

19mm [3/4"] X 19mm [3/4"] BALLISTIC BAR DIMENSIONS
HORIZONTALS 1003mm [39 1/2"] (1),
368mm [14 1/2"] (1)
VERTICALS 2192mm [86 1/4"] (3)

TOOLS AND ACCESSORIES:

- DOOR:
- 20 – M12 x 50mm, CLASS 12.9 SOCKET CAP SCREWS (ALLEN HEAD)
 - 20 – 1/4-20 SELF-TAPPING SCREWS
 - 2 – ALUMINUM SILGLAZE
- 42' – 3/8" BACKER ROD
- 1 – 12mm GUN TAP
 - 1 – "Y" DRILL BIT
 - 1 – #1 DRILL BIT
 - 3 – PLASTIC CAPS

WINDOW:

- 30 – M12 x 50mm, CLASS 12.9 SOCKET CAP SCREWS (ALLEN HEAD)
 - 12 – 1/4-20 SELF TAPPING SCREWS
 - 1 – ALUMINUM SILGLAZE
- 24' – 3/8" BACKER ROD
- 1 – 12mm GUN TAP
 - 1 – "Y" DRILL BIT
 - 1 – #1 DRILL BIT

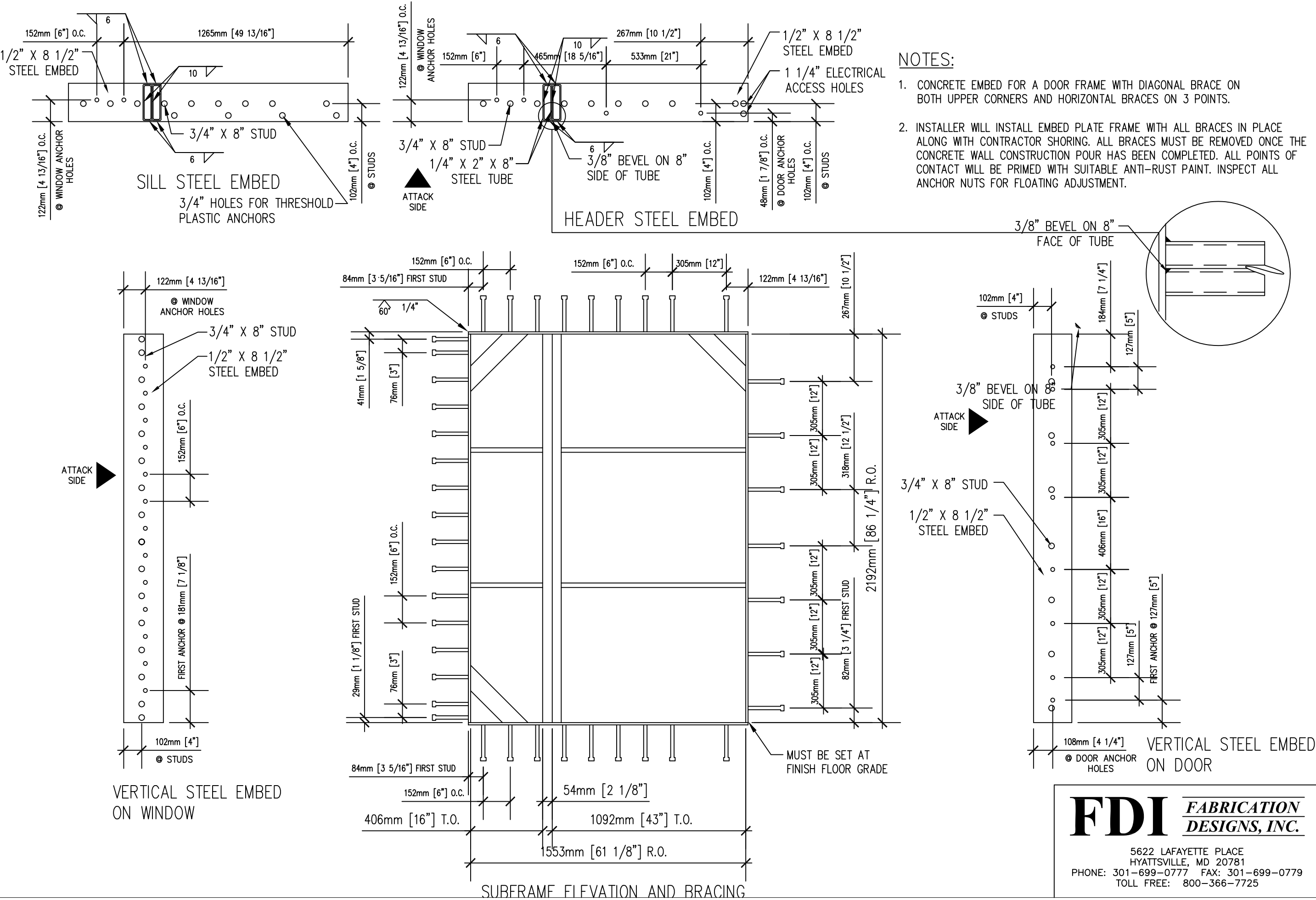
BY OTHERS DOOR OPENING FRAME DIMENSION ON CENTER OPPOSITE ROUGH OPENING SIMILAR STAINLESS STEEL TUBE OPENING	
BO DO FD OC OPP RO SIM SS TO	
FDI-NGC15M/2-B GDT-15R-FDI-02A 1123 SHW-25 SS CLADDING FDI-HPRE	
FDI MODEL: DOS MODEL: DOS CODE: SHW GROUP: FINISH: VISION TYPE:	
DRAWING: DOOR 132-R SCALE: 1:20	THIS DOCUMENT IS THE PROPERTY OF THE U.S. GOVERNMENT. FURTHER REPRODUCTION AND/OR DISSEMINATION OF THIS DOCUMENT IS PROHIBITED WITHOUT THE WRITTEN APPROVAL OF THE APPROVAL OF: THE U.S. DEPARTMENT OF STATE, WASHINGTON, DC 20522-0620. INFORMATION ON THIS DOCUMENT IS NOT TO BE ALTERED EXCEPT WITH THE WRITTEN APPROVAL OF THE INDIVIDUAL WHOSE SEAL APPEARS HEREON.
PROJECT: JOB #: CONTRACT #: DATE: SCALE: DRAWN BY: CHECKED BY: FILENAME:	
SED 66-11 SAQMM11D0063 06/06/11 1:20 GRL KLE 1-132-R.DWG	
ID: 132-R SHEET: 1 OF 9	

FDI

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DESIGNS, INC.**

5622 LAFAYETTE PLACE
HYATTSVILLE, MD 20781
PHONE: 301-699-0777 FAX: 301-699-0779
TOLL FREE: 800-366-7725

15M FEBR
BLAST
GALV
EXTERIOR



NOTES:

1. CONCRETE EMBED FOR A DOOR FRAME WITH DIAGONAL BRACE ON BOTH UPPER CORNERS AND HORIZONTAL BRACES ON 3 POINTS.
2. INSTALLER WILL INSTALL EMBED PLATE FRAME WITH ALL BRACES IN PLACE ALONG WITH CONTRACTOR SHORING. ALL BRACES MUST BE REMOVED ONCE THE CONCRETE WALL CONSTRUCTION POUR HAS BEEN COMPLETED. ALL POINTS OF CONTACT WILL BE PRIMED WITH SUITABLE ANTI-RUST PAINT. INSPECT ALL ANCHOR NUTS FOR FLOATING ADJUSTMENT.

BY OTHERS DOOR OPENING FRAME DIMENSION ON CENTER OPPOSITE ROUGH OPENING SIMILAR STEEL TUBE OPENING	
BO	DO
FD	FD
OP	OP
RO	RO
SS	SS
TO	TO

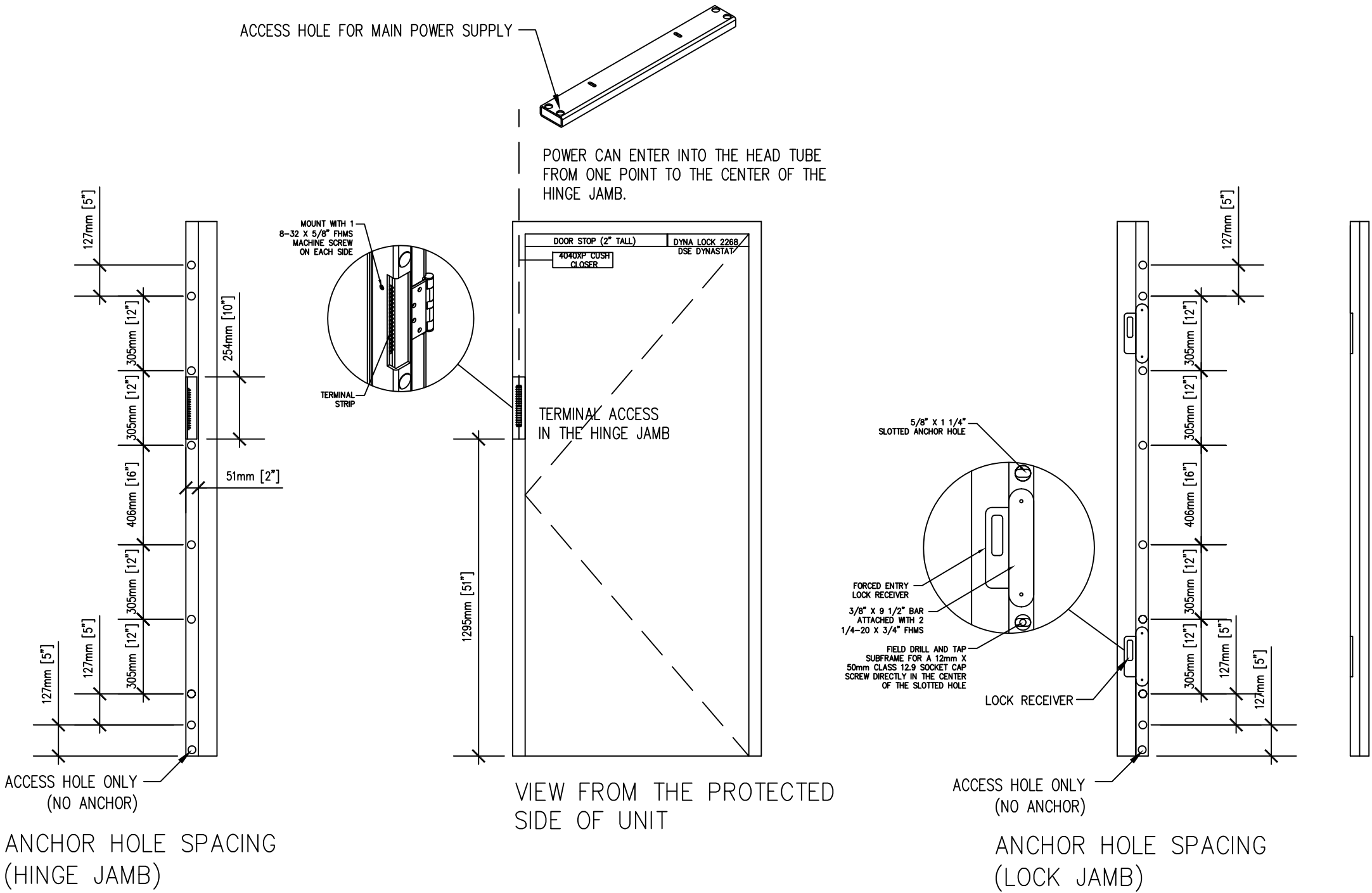
FDI-NGC15M/2-B	FDI-NGC15M/2-B
GDT-15R-FDI-02A	GDT-15R-FDI-02A
1123	1123
SHW-25	SHW-25
SS CLADDING	SS CLADDING
FDI-HPR4	FDI-HPR4

FDI MODEL:	FDI MODEL:
DOS MODEL:	DOS MODEL:
DOS CODE:	DOS CODE:
SHW GROUP:	SHW GROUP:
VISION TYPE:	VISION TYPE:

DRAWING:	DOOR 132-R EMBED SUBFRAME DRAWINGS
SCALE:	1:20

PROJECT:	SED 66-11
JOB #:	SAQMM11D0063
CONTRACT #:	06/06/11
DATE:	1:20
SCALE:	GRL
DRAWN BY:	KLE
CHECKED BY:	2-132-REMBED.DWG
FILENAME:	

ID:	132-R
SHEET:	2 OF 9



FDI MODEL: FDI-NGC15M/2-B DOS MODEL: GDT-15R-FDI-02A DOS CODE: 1123 SHW GROUP: SHW-25 FINISH: SS CLADDING VISION TYPE: FDI-HPR4		BY OTHERS DOOR OPENING FRAME DIMENSION ON CENTER OPPOSITE ROUGH OPENING SIMILAR STAINLESS STEEL TUBE OPENING
DRAWING: DOOR 132-R FRAME ANCHOR HOLES AND ELECTRICAL ACCESS SCALE: 1:20		BO DO FD OC OPP RO SIM SS TO FDI-NGC15M/2-B GDT-15R-FDI-02A 1123 SHW-25 SS CLADDING FDI-HPR4
PROJECT: SED 66-11 JOB #: SAQMM11D0063 CONTRACT #: 06/06/11 DATE: 1:20 SCALE: GRL DRAWN BY: KLE CHECKED BY: 3-132-RELECTRICAL.DWG FILENAME:		ID: 132-R SHEET: 3 OF 9

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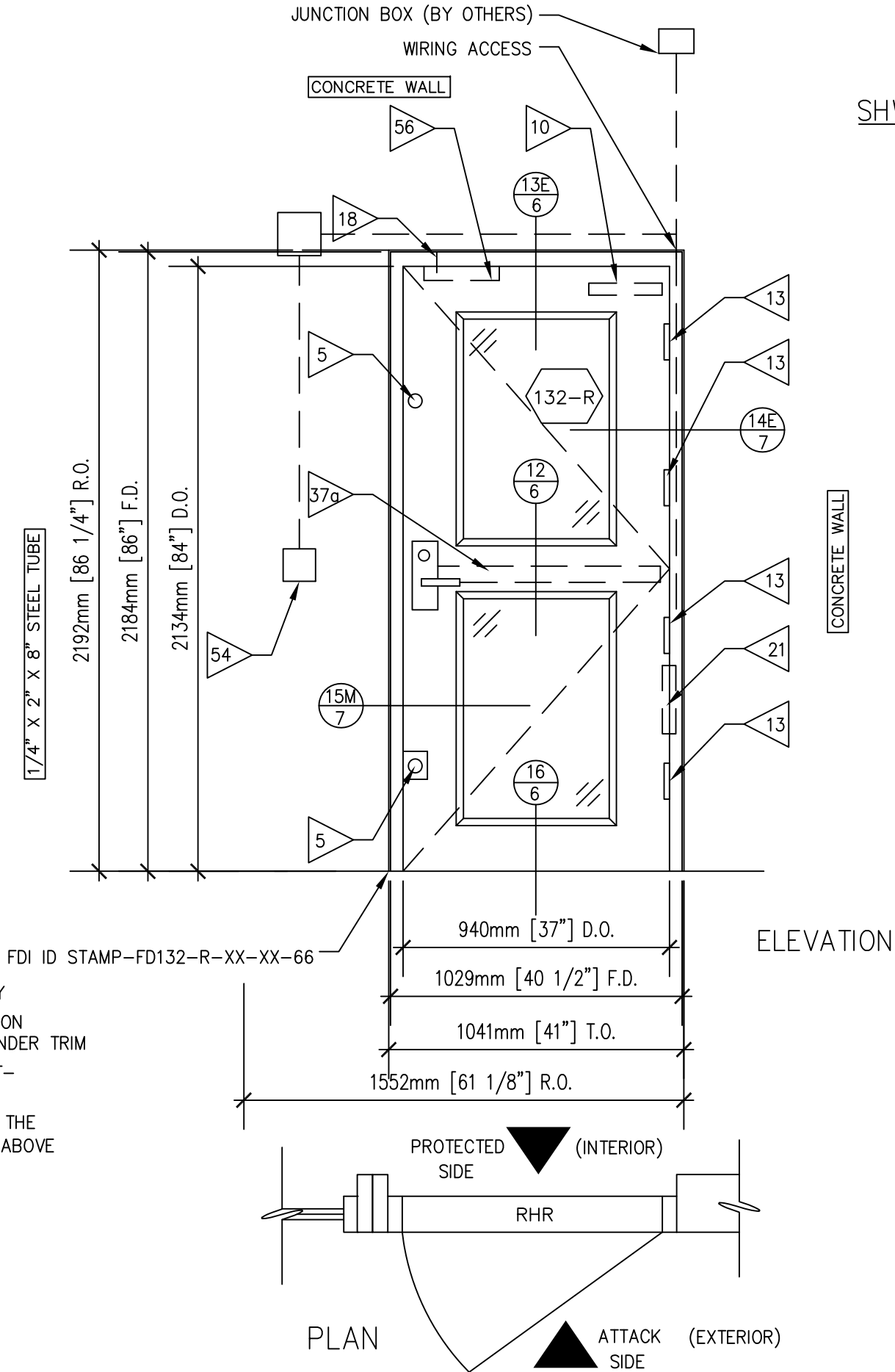
GLAZING:

- 1. VISION OPENINGS ARE 20 1/4" X 30 1/2"
- 2. GLASS SIZES ARE 21 3/8" X 31 5/8"
- 3. POLYCARBONATE SIZES ARE 25 5/16" X 33 3/4"

NOTES:

- 1. FDI ID STAMP INDICATES PRODUCT NUMBER
DOOR-MONTH-YEAR-INTERNAL JOB
- 2. DOOR FRAME BOLT HOLES SLOTTED HORIZONTALLY
- 3. DOOR LEAF WILL HAVE ID STAMP ON LOCK EDGE ON
LOWER SECTION AND UPPER SECTION OF DOOR UNDER TRIM
- 4. DOOR, FRAME, AND SUB-FRAMES ARE TO BE HOT-
DIPPED GALVANIZED PRIOR TO CLADDING
- 5. PRODUCT LABELS ARE LOCATED ON HEAD UNDER THE
DOOR LEAF AND ON EDGE OF THE DOOR AT 48" ABOVE
FINISH FLOOR UNDER EDGE OF TRIM

15M FEBR
GALV
EXTERIOR

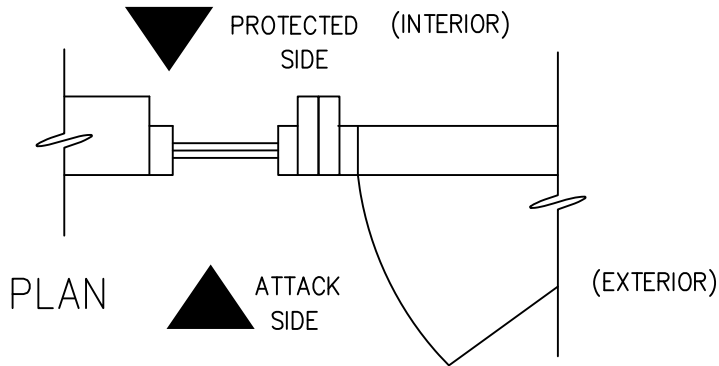
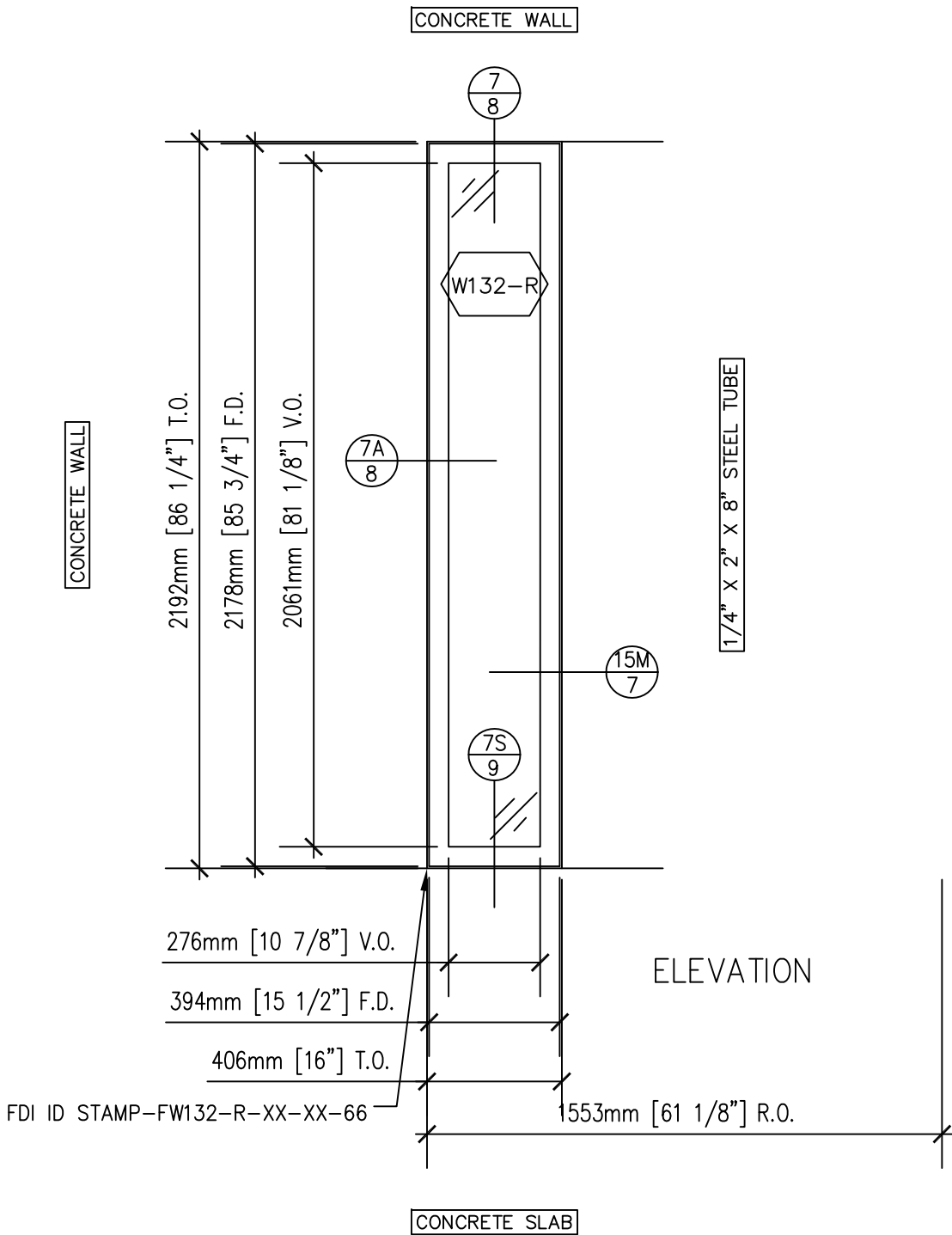


SHW 25 – HARDWARE SCHEDULE

- | | | |
|-----|---|---|
| 5 | 2 | ADAMS RITE CERTIFIED FORCED ENTRY LOCK
MS 1850S x 15TT THUMBTURN (INTERIOR) x 626 |
| | 1 | LOCK PROTECTION PLATE AROUND BOTTOM FE THUMBTURN |
| 10 | 1 | LCN DOOR CLOSER
4040XP-SRI x CUSH-N-STOP x SP28 (BHMA689) |
| 13 | 4 | STANLEY CB199-NRP (NON-REMOVABLE PIN)
CB199 5" X 4 1/2" X 630 |
| 18 | 1 | SENTROL MAGNETIC SWITCH (DOOR MONITOR) 1076D-M |
| 21 | 1 | VON DUPRIN ELECTRIC POWER TRANSFER
EPT-2 X SP28 (BHMA 689) |
| 37a | 1 | VON DUPRIN PANIC EXIT DEVICE (ACCESS CONTROL)
EL98L X 996L-R X 299 STRIKE X 630 |
| | 1 | MEDECO (ORIGINAL) INTERCHANGEABLE CORE
& RIM CYLINDER ASSEMBLY
32-0400V-626-A1 x CT-Y32 |
| 54 | 1 | MONITEQ CC-8521A CYPHER LOCK |
| | 2 | MONITEQ RECHARGEABLE BATTERIES 7AH
CC-BATT X 12VDC X 7AH |
| 61 | 1 | PEMKO 171A W/ 1842AS X 37" ALUMINUM THRESHOLD |
| 62 | 1 | PEMKO S88D17 WEATHERSEAL |

BY OTHERS DOOR OPENING FRAME DIMENSION ON CENTER OPPOSITE ROUGH OPENING SIMILAR STAINLESS STEEL TUBE OPENING		BO DO FD OC OPP RO SIM SS TO
FDI MODEL: DOS MODEL: DOS CODE: SHW GROUP: FINISH: VISION TYPE:		FDI-NGC15M/2-B GDT-15R-FDI-02A 1123 SHW-25 SS CLADDING FDI-HPR4
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ID:	132-R	
SHEET:	4 OF 9	

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GLAZING:

- 1. VISION OPENING IS 10 7/8" x 81 1/8"
- 2. GLASS/POLYCARBONATE SIZE IS 13 7/8" x 83 7/8"

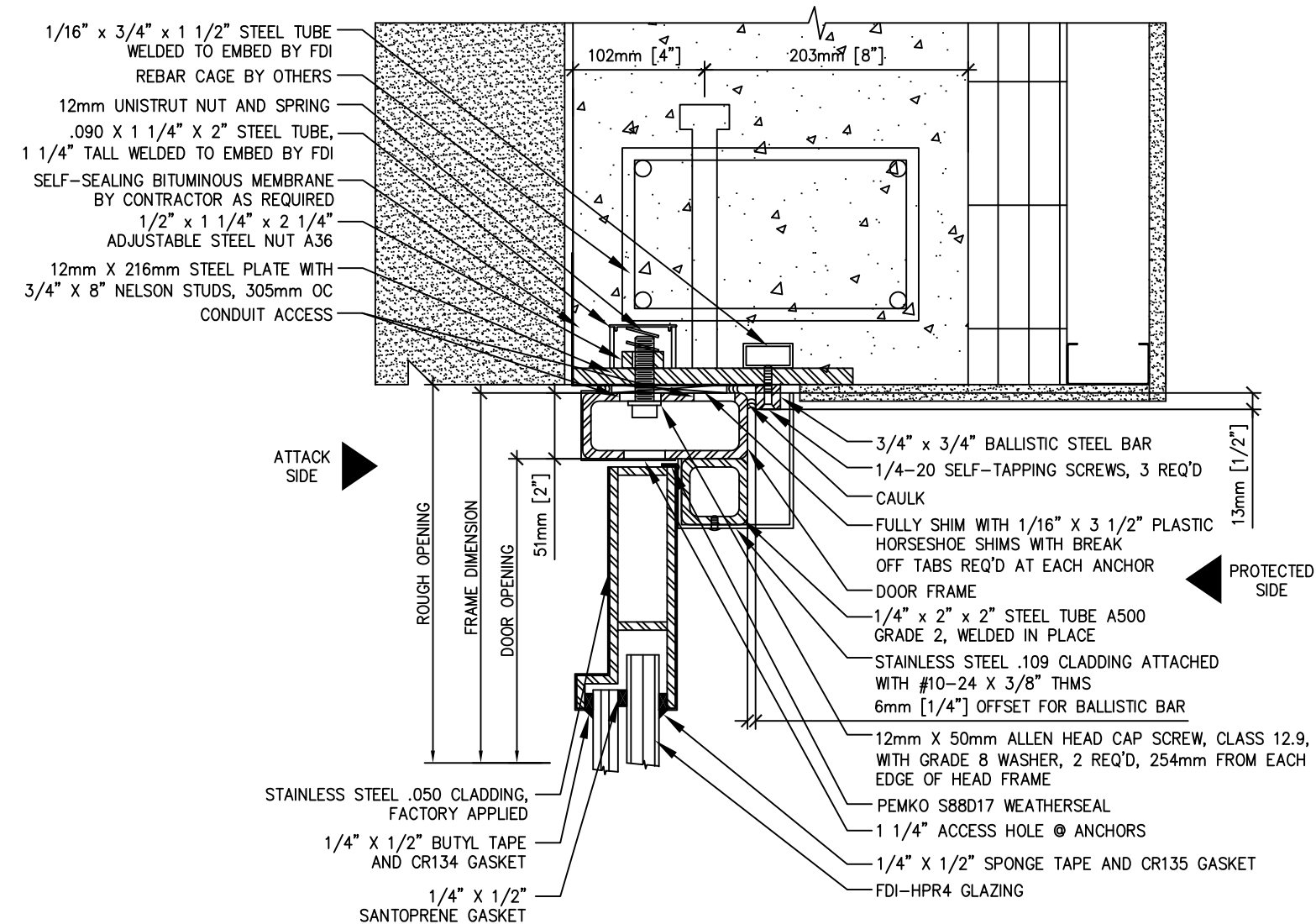
NOTES:

- 1. WINDOW FRAME BOLT HOLES SLOTTED VERTICALLY
- 2. WINDOW FRAMES WILL HAVE ID STAMP UNDER 2" X 2" TUBE IN THE LOWER RIGHT CORNER
- 3. WINDOW FRAME AND SUB-FRAMES ARE TO BE HOT-DIPPED GALVANIZED PRIOR TO CLADDING

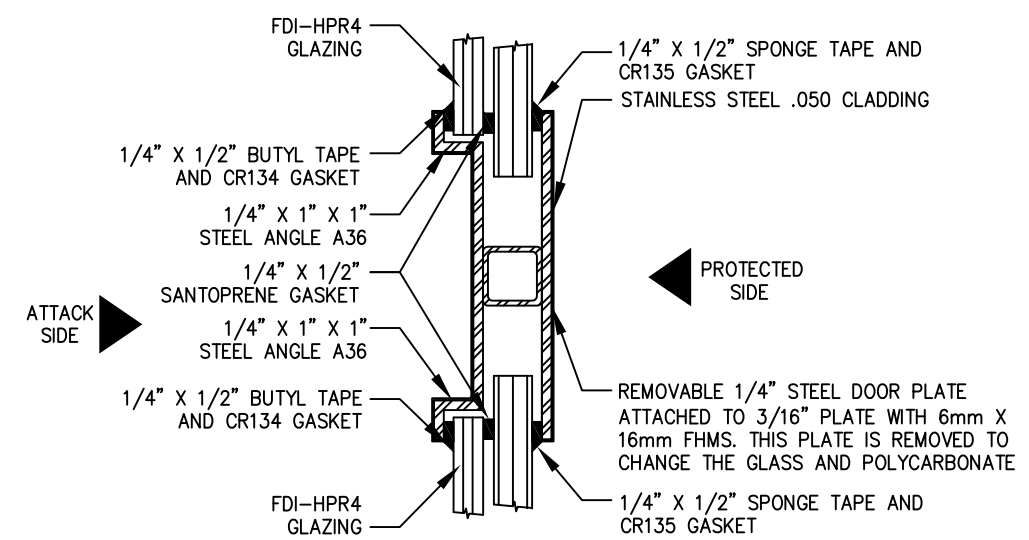
15M FEBR
BLAST
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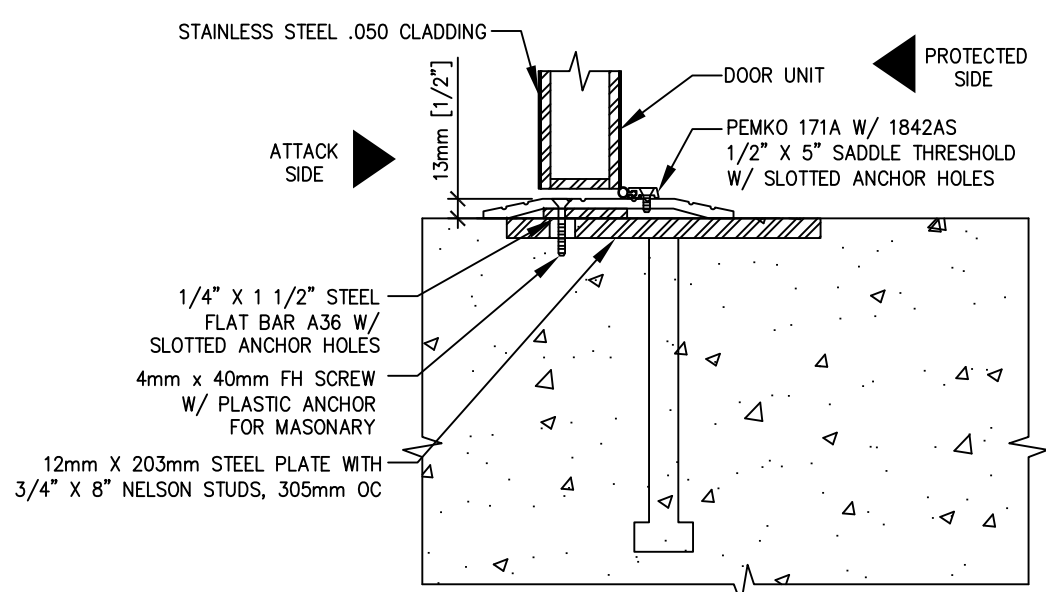
ID: 132-R SHEET: 5 OF 9	PROJECT: SED JOB #: 66-11 CONTRACT #: SAQMM11D0063 DATE: 06/06/11 SCALE: 1:20 DRAWN BY: GRL CHECKED BY: KLE FILENAME: 132-RDOORW1.DWG	DRAWING: WINDOW W132-R SCALE: 1:20	THIS DOCUMENT IS THE PROPERTY OF THE U.S. GOVERNMENT. FURTHER REPRODUCTION AND/OR DISTRIBUTION OF THIS DOCUMENT IS PROHIBITED WITHOUT THE WRITTEN APPROVAL OF THE U.S. DEPARTMENT OF STATE, WASHINGTON, DC 20522-0620. INFORMATION ON THIS DOCUMENT IS NOT TO BE ALTERED EXCEPT WITH THE WRITTEN APPROVAL OF THE INDIVIDUAL WHOSE SEAL APPEARS HEREON.									
			FDI MODEL: FDI-FW15M	BO BY OTHERS								
			DOS MODEL: GWV-15R-FDI-02	DO DOOR OPENING								
			DOS CODE: 1123	FD FRAME DIMENSION								
			SHW GROUP: N/A	OC ON CENTER								
			FINISH: SS CLADDING	OPP OPPOSITE								
			VISION TYPE: FDI-HPRE	RO ROUGH OPENING								
				SIM SIMILAR								
				SS STAINLESS STEEL								
				TO TUBE OPENING								



13E FDI-NGC15M/2-B TYPICAL HEAD DETAIL
1:5

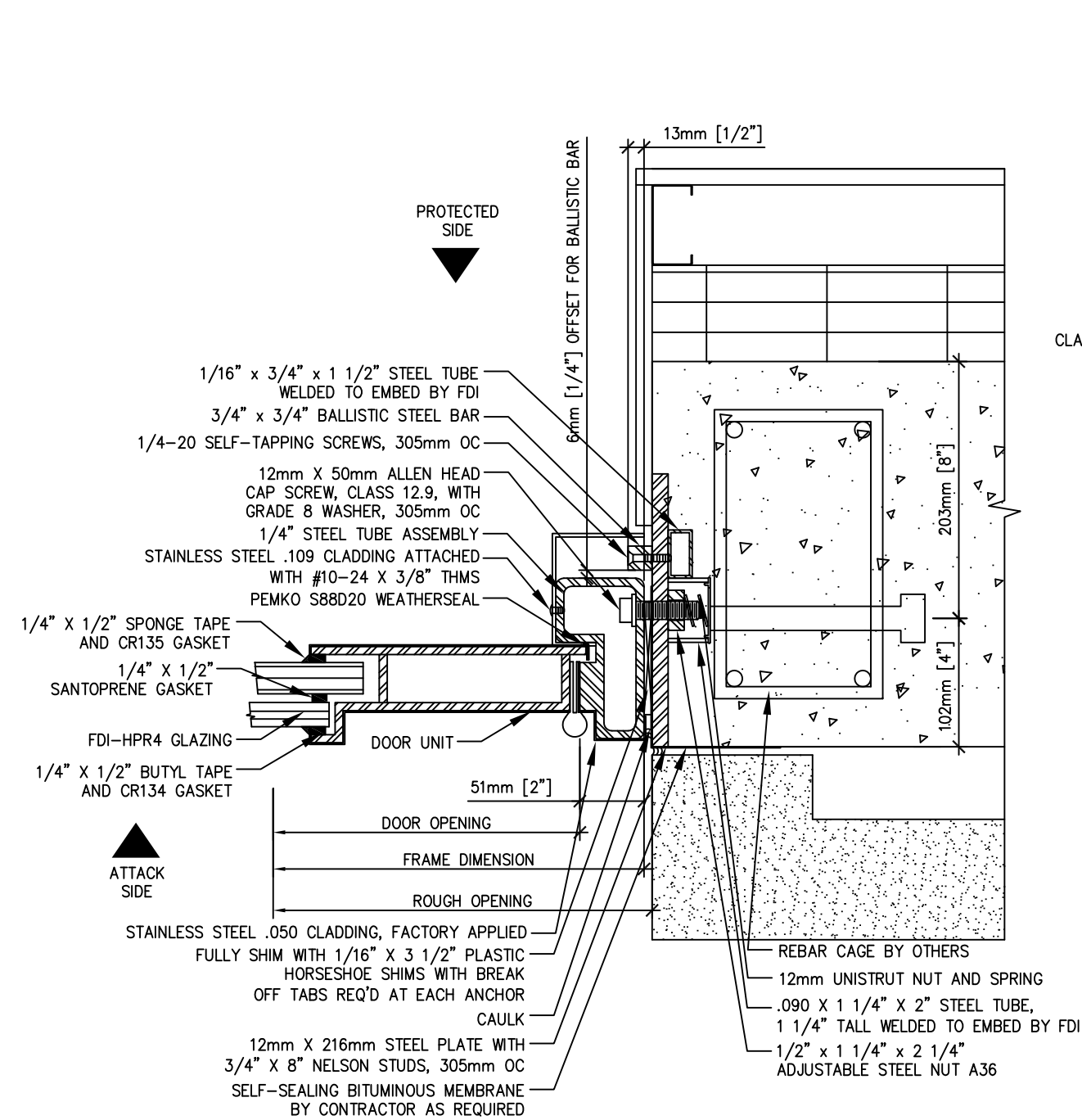


12 FDI-NGC15M/2-B CENTER RAIL DETAIL
1:5

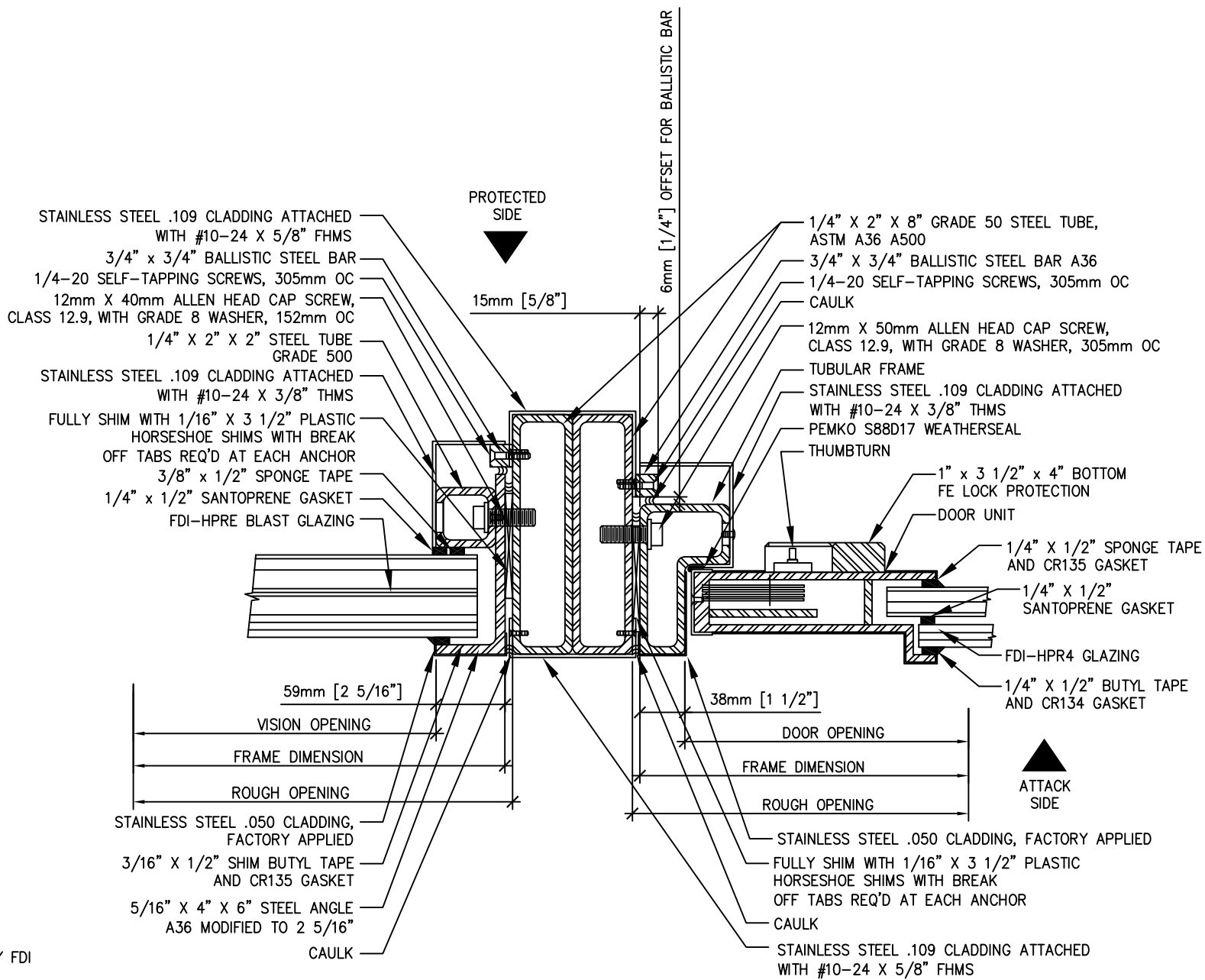


16 FDI-NGC15M/2-B THRESHOLD DETAIL
1:5

BY OTHERS DOOR OPENING FRAME DIMENSION ON CENTER OPPOSITE ROUGH OPENING SIMILAR STAINLESS STEEL TUBE OPENING		BO DO FD OC OPP RO SS TO
N/A N/A N/A N/A N/A		
FDI MODEL: DOS MODEL: DOS CODE: SHW GROUP: FINISH: VISION TYPE:		
DRAWING:	FDI-NGC15M/2-B HEAD, CENTER RAIL AND THRESHOLD DETAILS SCALE: 1:5	
PROJECT: JOB #: CONTRACT #: DATE: SCALE: DRAWN BY: CHECKED BY: FILENAME:	SED 66-11 SAQMM11D0063 06/06/11 1:5 GRL KLE 6-132-RDTL1.DWG	
ID: SHEET: 6 OF 9	FDI FABRICATION DESIGNS, INC. 5622 LAFAYETTE PLACE HYATTSVILLE, MD 20781 PHONE: 301-699-0777 FAX: 301-699-0779 TOLL FREE: 800-366-7725	



14E FDI-NGC15M/2-B HINGE JAMB DETAIL
1:5



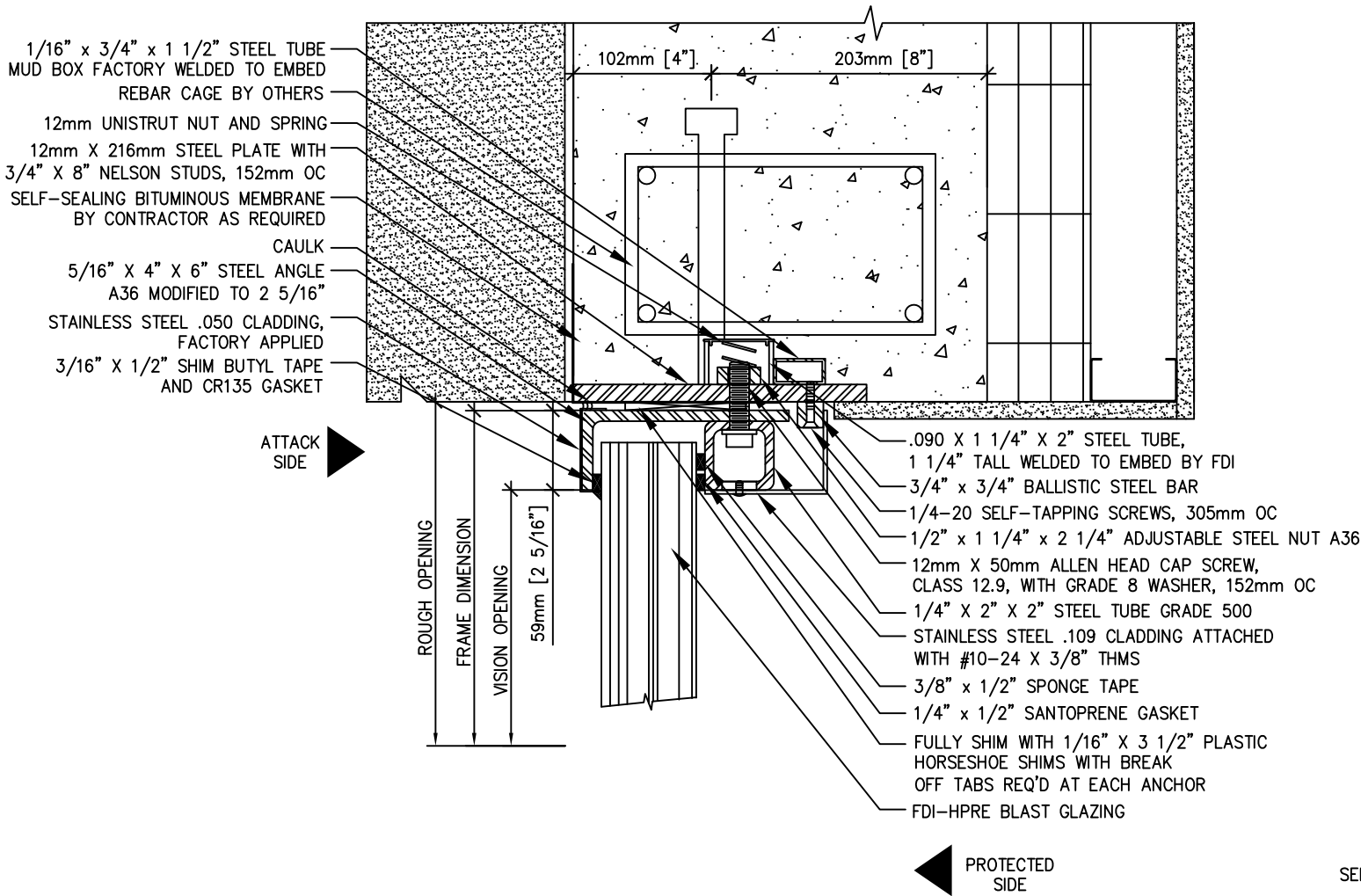
15M FDI-NGC15M/2-B LOCK JAMB DETAIL
1:5

BY OTHERS DOOR OPENING FRAME DIMENSION ON CENTER OPPOSITE ROUGH OPENING SIMILAR STEEL TUBE OPENING		BO DO FD OC OPP RO SS TO
N/A N/A N/A N/A N/A N/A		FDI MODEL: DOS MODEL: DOS CODE: SHW GROUP: FINISH: VISION TYPE:
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ID: 132-R SHEET: 7 OF 9		

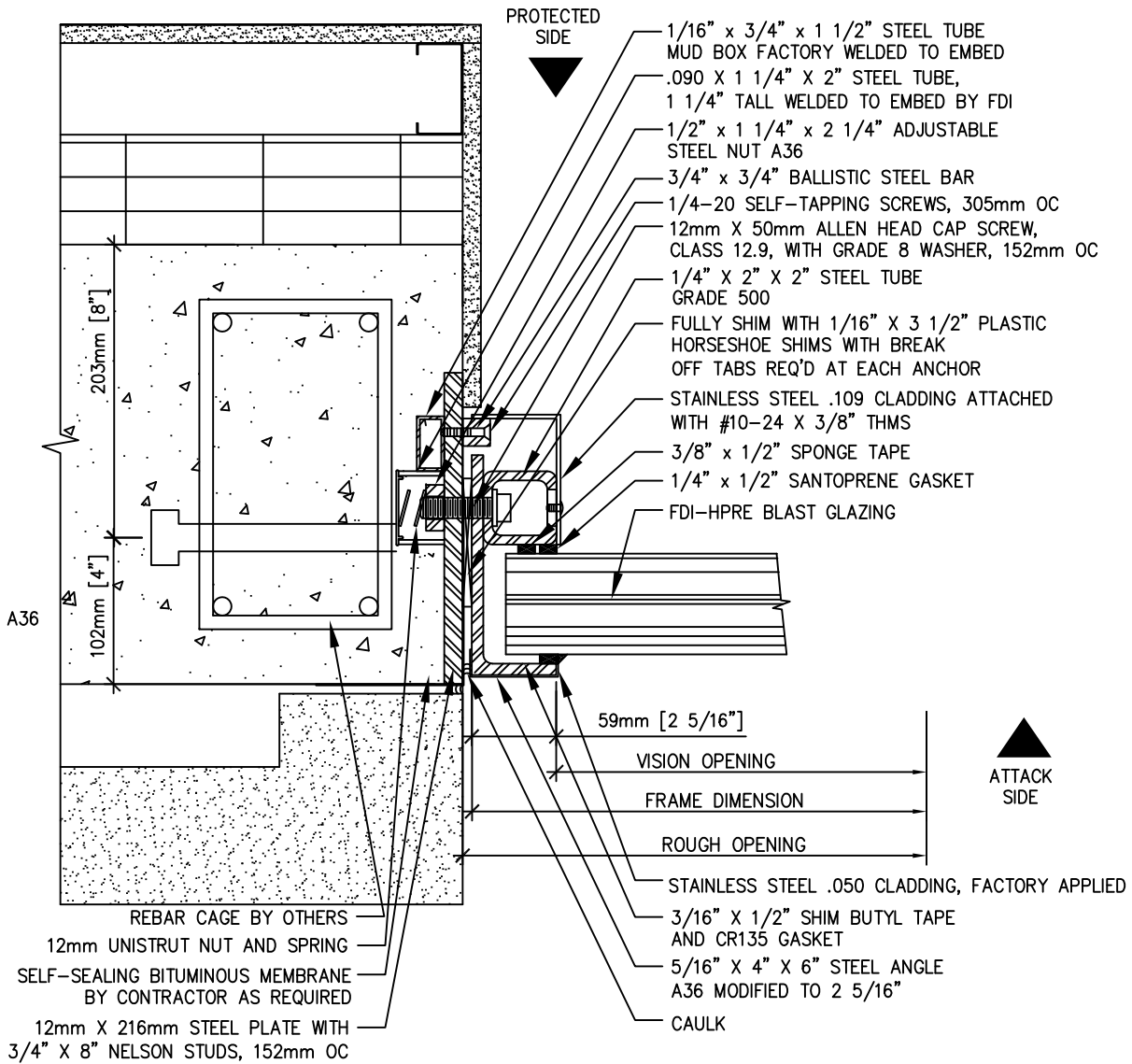
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7 FDI-FW15M HEAD DETAIL
1:5



7A FDI-FW15M JAMB DETAIL
1:5

BY OTHERS
DOOR OPENING
FRAME DIMENSION
ON CENTER
OPPOSITE
ROUGH OPENING
SIMILAR
STEEL
TUBE OPENING

BO
DO
FD
OC
OPP
RO
SIM
SS
TO

N/A
N/A
N/A
N/A
N/A

FDI MODEL:
DOS MODEL:
DOS CODE:
SHW GROUP:
FINISH:
VISION TYPE:

DRAWING:
FDI-FW15M HEAD AND JAMB DETAILS
SCALE: 1:5

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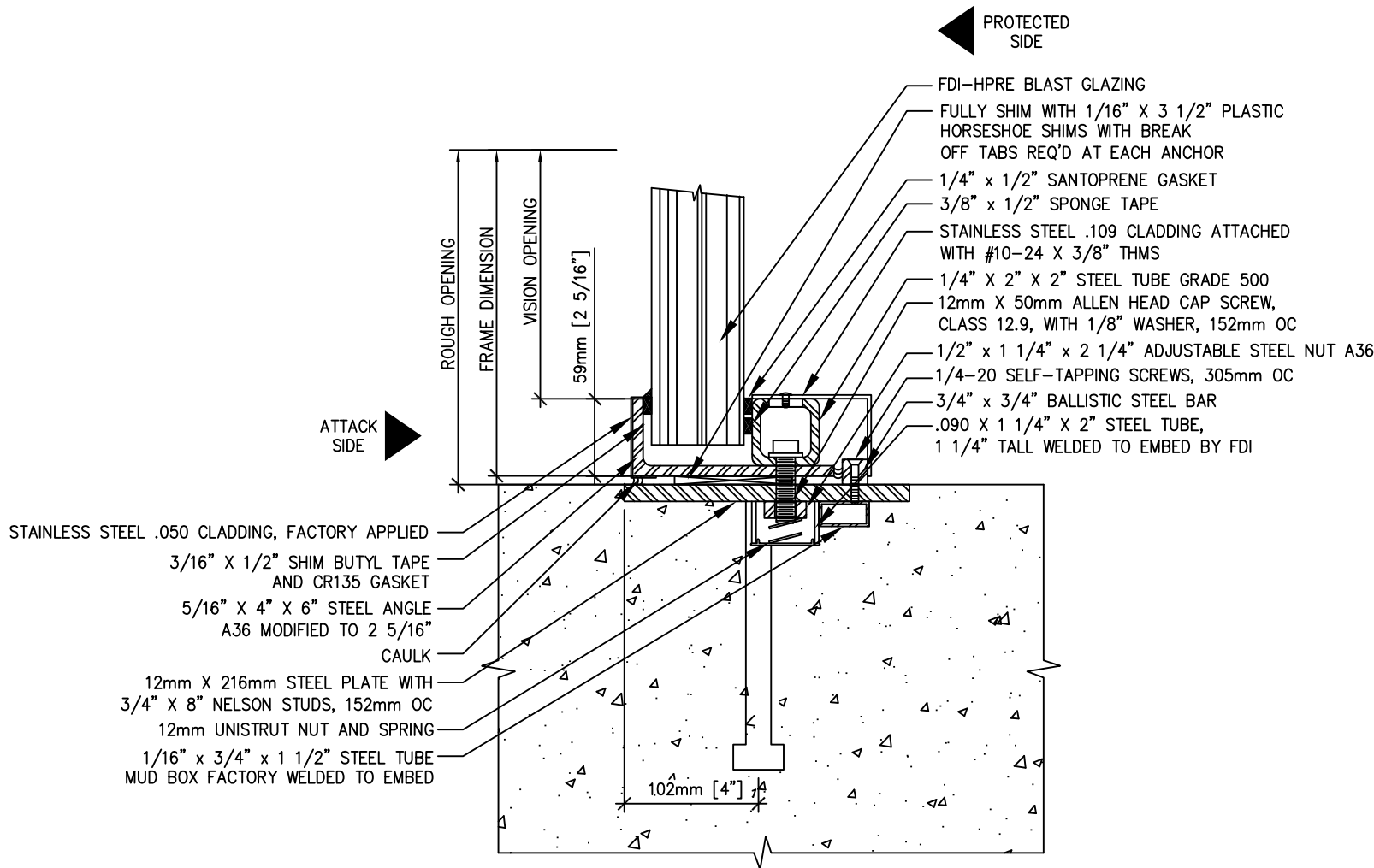
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66-11
SAQMM11D0063
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SHEET:
8 OF 9



7S FDI-FW15M SILL DETAIL
1:5

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BY OTHERS
DOOR OPENING
FRAME DIMENSION
ON CENTER
OPPOSITE
ROUGH OPENING
SIMILAR
STAINLESS STEEL
TUBE OPENING

BO
DO
FD
OC
OPP
RO
SIM
SS
TO

N/A
N/A
N/A
N/A
N/A
N/A

FDI MODEL:
DOS MODEL:
DOS CODE:
SHW GROUP:
FINISH:
VISION TYPE:

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FDI-FW15M SILL DETAIL
SCALE: 1:5

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DATE: 06/06/11
SCALE: 1:5
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CHECKED BY: KLE
FILENAME: 9-132-RDTL4.DWG

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9 OF 9