REVDATE:

SECTION
SCALE: N.T.S.

W — S3.2

T.O.M. HEIGHT VARIES AT ENDWALL
MEAN ROOF HEIGHT = 30'-6"

SEE FOUNDATION PLANS FOR NOTES

#5 HOOK MIN. EMBED. 1'-8". ROUTE UNDER LOWER FOOTING CAGE REINFORCEMENT. MIN. 8.5" 90° STANDARD HOOK MEASURED FROM POINT OF TANGENCY

#5 REBAR MIN. LAP LENGTH FOR MECHANICAL SPLICE = 1'-8"

4"x8"x16" SPLIT-FACE CMU VENEER

HECKMANN #110085S STAINLESS STL. LADDER-TYPE JOINT REINFORCEMENT @ EVERY OTHER COURSE

HECKMANN POS-I-TIE ADJUSTABLE MASONRY TIE W/ 3" STAINLESS STEEL TRIANGLE WIRE TIES @ 8" VERT. O.C. AND 16" HORZ. O.C. MIN EMBED. 1-¾"

CAST STONE SILL

VENEER 6'-0"

#5 REBAR AT MID-POINT OF CMU CELL @ 8" O.C. FILL CELL WITH 3,000 PSI CONCRETE

CMU U-BLOCK BOND BEAM WITH CONT. #5 BAR AT MID POINT, FILL WITH 3,000 PSI CONCRETE.

BOND BEAM 12'-0"

19'-8"

HECKMANN POS-I-TIE ADJUSTABLE MASONRY TIE W/ 3" STAINLESS STEEL TRIANGLE WIRE TIES @ 24" O.C. MOUNT TO STEEL WIND BEAM PROVIDED BY BLDG. MFGR.

STRUCTURAL WIND BEAM BY V.P.

CMU U-BLOCK BOND BEAM WITH CONT. #5 BAR AT MID POINT, FILL WITH 3,000 PSI CONCRETE.

T.O.M. 21'-4"

X — S3.2

T.O.M. HEIGHT VARIES AT ENDWALL
MEAN ROOF HEIGHT = 30'-6"

SEE FOUNDATION PLANS FOR NOTES

#5 HOOK MIN. EMBED. 1'-8". ROUTE UNDER LOWER FOOTING CAGE REINFORCEMENT. MIN. 8.5" 90° STANDARD HOOK MEASURED FROM POINT OF TANGENCY

#5 REBAR MIN. LAP LENGTH FOR MECHANICAL SPLICE = 1'-8"

4"x8"x16" SPLIT-FACE CMU VENEER

HECKMANN POS-I-TIE ADJUSTABLE MASONRY TIE W/ 3" STAINLESS STEEL TRIANGLE WIRE TIES @ 8" VERT. O.C. AND 16" HORZ. O.C. MIN EMBED. 1-¾"

HECKMANN #110085S STAINLESS STL. LADDER-TYPE JOINT REINFORCEMENT @ EVERY OTHER COURSE

CAST STONE SILL

VENEER 6'-0"

#5 REBAR AT MID-POINT OF CMU CELL @ 8" O.C. FILL CELL WITH 3,000 PSI CONCRETE

CMU U-BLOCK BOND BEAM WITH CONT. #5 BAR AT MID POINT, FILL WITH 3,000 PSI CONCRETE.

BOND BEAM 12'-0"

19'-8"

HECKMANN POS-I-TIE ADJUSTABLE MASONRY TIE W/ 3" STAINLESS STEEL TRIANGLE WIRE TIES @ 24" O.C. MOUNT TO STEEL WIND BEAM PROVIDED BY BLDG. MFGR.

STRUCTURAL WIND BEAM BY V.P.

CMU U-BLOCK BOND BEAM WITH CONT. #5 BAR AT MID POINT, FILL WITH 3,000 PSI CONCRETE.

T.O.M. 21'-4"

Y — S3.2

SEE FOUNDATION PLANS FOR NOTES

#4 HOOK MIN. EMBED. 1'-9". ROUTE UNDER LOWER FOOTING CAGE REINFORCEMENT. MIN. 8.5" 90° STANDARD HOOK MEASURED FROM POINT OF TANGENCY

#4 REBAR MIN. LAP LENGTH FOR MECHANICAL SPLICE = 1'-9"

4"x8"x16" SPLIT-FACE CMU VENEER

HECKMANN POS-I-TIE ADJUSTABLE MASONRY TIE W/ 3" STAINLESS STEEL TRIANGLE WIRE TIES @ 8" VERT. O.C. AND 16" HORZ. O.C. MIN EMBED. 1-¾"

HECKMANN #110085S STAINLESS STL. LADDER-TYPE JOINT REINFORCEMENT @ EVERY OTHER COURSE

CAST STONE SILL

VENEER 6'-0"

#4 REBAR AT MID-POINT OF CMU CELL @ 24" O.C. FILL CELL WITH 3,000 PSI CONCRETE

CMU U-BLOCK BOND BEAM WITH CONT. #5 BAR AT MID POINT, FILL WITH 3,000 PSI CONCRETE.

BOND BEAM 12'-0"

19'-8"

HECKMANN #110085S STAINLESS STL. LADDER-TYPE JOINT REINFORCEMENT @ EVERY OTHER COURSE

STRUCTURAL WIND BEAM BY V.P.

MASONRY TIE W/ 3" STAINLESS STEEL TRIANGLE WIRE TIES @ 24" O.C. MOUNT TO STEEL WIND BEAM PROVIDED BY BLDG. MFGR.

CMU U-BLOCK BOND BEAM WITH CONT. #5 BAR AT MID POINT, FILL WITH 3,000 PSI CONCRETE.

HECKMANN POS-I-TIE ADJUSTABLE

T.O.M. 21'-4"

Z — S3.2

T.O.M. HEIGHT VARIES AT ENDWALL
MEAN ROOF HEIGHT = 30'-6"

SEE FOUNDATION PLANS FOR NOTES

#5 HOOK MIN. EMBED. 1'-8". ROUTE UNDER LOWER FOOTING CAGE REINFORCEMENT. MIN. 8.5" 90° STANDARD HOOK MEASURED FROM POINT OF TANGENCY

#5 REBAR MIN. LAP LENGTH FOR MECHANICAL SPLICE = 1'-8"

4"x8"x16" SPLIT-FACE CMU VENEER

HECKMANN POS-I-TIE ADJUSTABLE MASONRY TIE W/ 3" STAINLESS STEEL TRIANGLE WIRE TIES @ 8" VERT. O.C. AND 16" HORZ. O.C. MIN EMBED. 1-¾"

HECKMANN #110085S STAINLESS STL. LADDER-TYPE JOINT REINFORCEMENT @ EVERY OTHER COURSE

CAST STONE SILL

VENEER 6'-0"

#5 REBAR AT MID-POINT OF CMU CELL @ 16" O.C. FILL CELL WITH 3,000 PSI CONCRETE

CMU U-BLOCK BOND BEAM WITH CONT. #5 BAR AT MID POINT, FILL WITH 3,000 PSI CONCRETE.

BOND BEAM 12'-0"

22'-9"

STRUCTURAL WIND BEAM BY V.P.

AA — S3.2

SEE FOUNDATION PLANS FOR NOTES

#4 HOOK MIN. EMBED. 1'-9". ROUTE UNDER LOWER FOOTING CAGE REINFORCEMENT. MIN. 8.5" 90° STANDARD HOOK MEASURED FROM POINT OF TANGENCY

#4 REBAR MIN. LAP LENGTH FOR MECHANICAL SPLICE = 1'-9"

4"x8"x16" SPLIT-FACE CMU VENEER

HECKMANN POS-I-TIE ADJUSTABLE MASONRY TIE W/ 3" STAINLESS STEEL TRIANGLE WIRE TIES @ 8" VERT. O.C. AND 16" HORZ. O.C. MIN EMBED. 1-¾"

HECKMANN #110085S STAINLESS STL. LADDER-TYPE JOINT REINFORCEMENT @ EVERY OTHER COURSE

(4) #4 REBAR EACH CMU CELL FOR 32" ROLL-UP DOOR JAMB. FILL CELL WITH 3,000 PSI CONCRETE

CAST STONE SILL

VENEER 6'-0"

ROLL-UP DOOR 16'
(LINTEL NOT SHOWN)

BOND BEAM 12'-0"

19'-8"

CMU U-BLOCK BOND BEAM WITH CONT. #5 BAR AT MID POINT, FILL WITH 3,000 PSI CONCRETE.

HECKMANN POS-I-TIE ADJUSTABLE MASONRY TIE W/ 3" STAINLESS STEEL TRIANGLE WIRE TIES @ 24" O.C. MOUNT TO STEEL WIND BEAM PROVIDED BY BLDG. MFGR.

STRUCTURAL WIND BEAM BY V.P.

T.O.M. 21'-4"

26' ROLL-UP DOOR LINTEL AND JAMB DETAILS
SCALE: N.T.S.

PLAN VIEW
LINTEL CONNECTION TO RIGID FRAME

OPENING — 2'-8" JAMB — (16) #4 REBAR @ 8" O.C. — (1) #5 REBAR @ 8" O.C.

(1) #5 (1) #5 (2) #4 (2) #4 (2) #4 (2) #4 (2) #4 (2) #4 (2) #4 (2) #4 (2) #5

1'-1/4" — 3-1/8" — 7-5/8" — 1'-1/4"

¾" ¾" ¾" ¾"

LINTEL SECTION @ JAMB

RIGID FRAME COLUMN

¾" TYPE-N MORTAR (TYP.)

CMU U-BLOCK BOND BEAM WITH CONT. #5 BAR AT MID POINT, FILL WITH 3,000 PSI CONCRETE.

WELD ANCHOR STUD @ 16" O.C.

W14x22 STEEL BEAM LINTEL

¾"x7" STEEL PLATE. FULL LENGTH OF BEAM, TOP AND BOTTOM

CMU U-BLOCK BOND BEAM WITH CONT. #5 BAR AT MID POINT, FILL WITH 3,000 PSI CONCRETE.

LINTEL CONNECTION TO RIGID FRAME COLUMN: USE W14x22 COPE T&B AT LINTEL. WELD EACH SIDE

1'-4 3/8" OUT TO OUT OF CMU

1'-3 3/16" OUT TO OUT OF STEEL

PLAN VIEW
LINTEL CONNECTION TO RIGID FRAME

RIGID FRAME COLUMN

8"

LINTEL CONNECTION TO RIGID FRAME COLUMN: USE W14x22 COPE T&B AT LINTEL. WELD EACH SIDE

ROBERT LEE WALTERS
REG. NO. 9752
STATE OF LOUISIANA
REGISTERED ARCHITECT

DAMMON
ENGINEERING, INC.
CHIEF ENGINEER CHIEF ARCHITECT
EMMETT G. DAMMON, P.E. DAMMON, W.E.
1095 FLORIDA AVENUE
SLIDELL, LA 70458
(985) 649-5612
SEPTEMBER 4, 2009

EMMETT G. DAMMON
9652
LICENSED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI

NAVFAC

MARK	DATE	DESCRIPTION

DES.: R. WALTERS | DWN.: J. TIFFANY
REVIEWED BY: R. WALTERS
PM/DM: T. AERRIP
CHIEF ENG/ARCH: P. DAMMON

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE MISSISSIPPI
IPT GULF COAST
JOHN C. STENNIS SPACE CENTER

SOF RIVERINE AND COMBATANT CRAFT OPERATIONS FACILITY - PRE-FINAL

BLDG. 2440 / 2441 MASONRY DETAILS

CODE ID. NO. N4412	SIZE D
SCALE:	AS SHOWN
STA. PROJ. NO.	P-210
MAXIMO NO.	######
CONSTR. CONTR. NO.	510247
WORK ORDER NO.	N62467-05-D-0096
NAVFAC DRAWING NO.	1502672\26
SHEET	79 OF 152

DRAWING# REVISION: 01 JAN 2009

S3.3