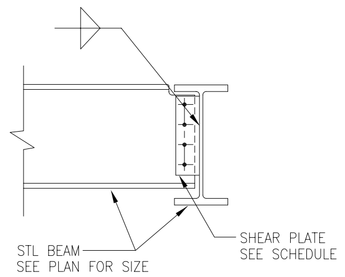
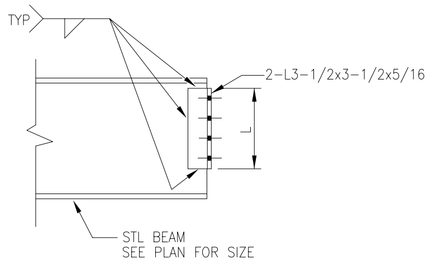


STL SECTION	A325-N NO. BOLTS	SHEAR PLATE THICKNESS	FILLET WELD SIZE
W8,W10	2-3/4"ø	3/8"	5/16"
W12,W14	3-3/4"ø	3/8"	5/16"
W16,W18	4-3/4"ø	3/8"	5/16"
W21,W24	5-3/4"ø	3/8"	5/16"

NOTE: SHEAR PLATE TO BE CLEARLY MARKED TO IDENTIFY CORRECT PLACEMENT OF BEAM TO SHEAR PLATE UPON ERECTION.

1 DETAIL-TYPICAL SINGLE SHEAR PLATE CONNECTION

S6/S7 | S14 — 3/4"=1'-0"



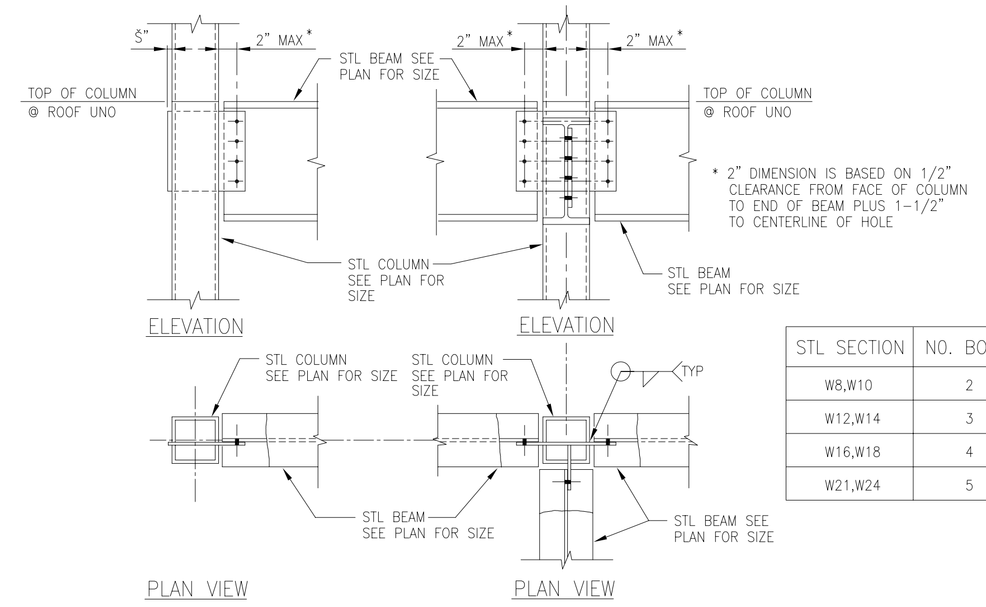
STL SECTION	* A325-N NO. BOLTS	FILLET WELD SIZE	L
W8,W10	2-3/4"ø	3/16"	5-1/2"
W12,W14	3-3/4"ø	3/16"	8-1/2"
W16,W18	4-3/4"ø	3/16"	11-1/2"
W21,W24	5-3/4"ø	3/16"	14-1/2"

* NUMBER OF BOLTS IN EACH ANGLE.

NOTE:
1. MINIMUM CONNECTION ANGLE THICKNESS = 1/4"

2 DETAIL-TYPICAL DBL ANGLE FRAMED CONN

S6/S7 | S14 — 3/4"=1'-0"

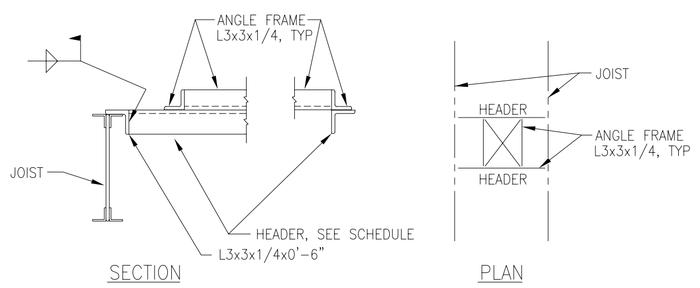


STL SECTION	NO. BOLTS	SHEAR PLATE THICKNESS	FILLET WELD SIZE
W8,W10	2	3/8"	1/4"
W12,W14	3	3/8"	1/4"
W16,W18	4	3/8"	5/16"
W21,W24	5	1/2"	3/8"

3 DETAIL-TYPICAL BEAM TO TS COL CONN

S6/S7 | S14 — NOT TO SCALE

NOTE: TUBE STEEL COLUMNS SHOWN, PIPE COLUMNS SIMILAR PROVIDE3/8" CAP ℙ @ TOP OF COL (TYP)



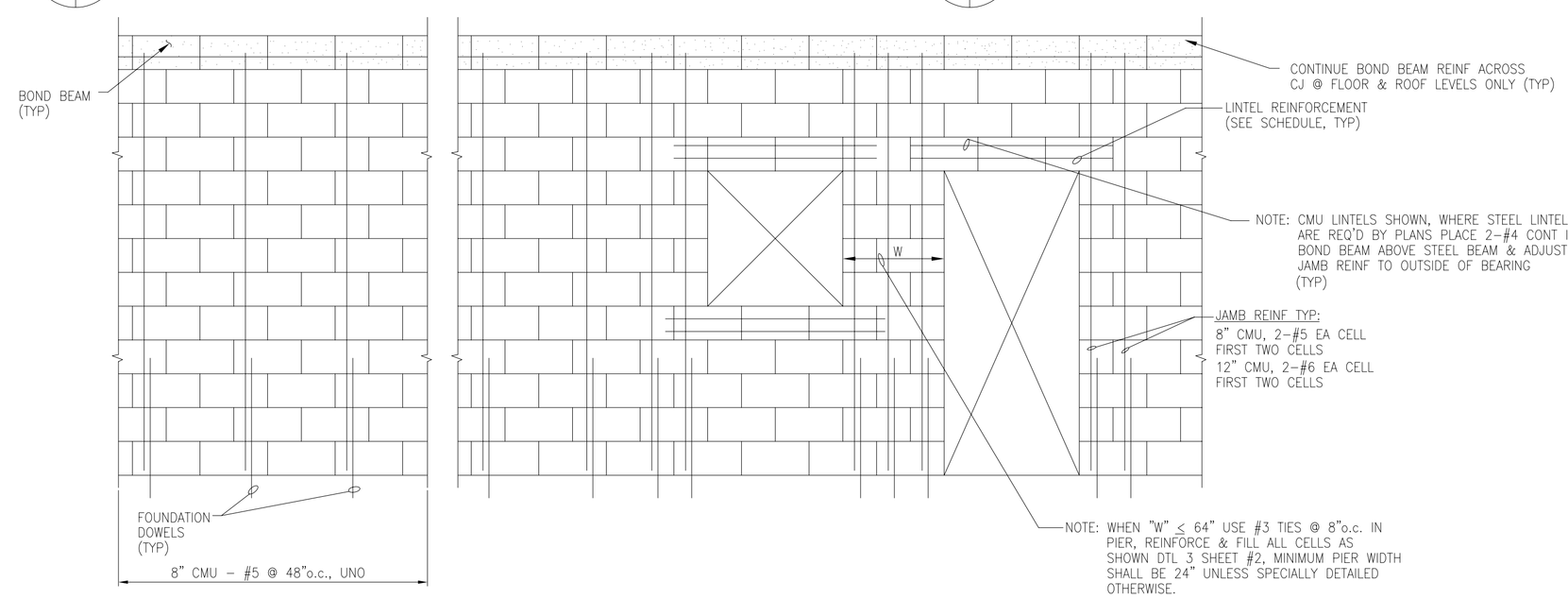
NOTE: VERIFY EXACT NUMBER, SIZE & LOCATION OF OPENINGS w/ ARCHITECTURAL & MECHANICAL DRAWINGS.

HEADER SCHEDULE	
JOIST SPACING	SIZE
UP TO 4'-6"	L2½x2½x¼
4'-6" TO 6'-6"	L3½x3x¼-LLV
6'-7" TO 8'-0"	L4x3x5/16-LLV

STEEL JOIST FRAMING

4 DETAIL-TYPICAL OPENING THRU STEEL DECK

S6/S7 | S14 — NOT TO SCALE (TYPICAL UNLESS DETAILED OTHERWISE)

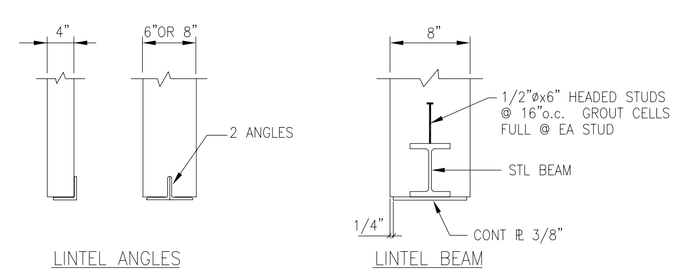


5 DETAIL-TYPICAL BOND BEAM, CONTROL JOINT & WALL REINFORCEMENT

S6/S7 | S14 — NOT TO SCALE

(NOTE: TYP VERTICAL REINFORCEMENT SHOWN IS FOR STRUCTURAL WALLS. REINFORCE ALL NON-LOAD BEARING WALLS w/ 1-#5 VERTICAL @ 48"o.c.)

LOOSE LINTEL SCHEDULE (SL)				
TYPE	CLEAR OPENING	LINTEL	BEARING EA END	REMARKS
A	6'-4" OR LESS	L3½X3½	4"	
A	OVER 6'-4" THRU 7'-10"	L4X3½X5/16 LLV	6"	
A	OVER 7'-10" THRU 9'-2"	L5X3½X5/16 LLV	6"	
A	OVER 9'-2" THRU 10'-10"	L6X4X7/16 LLV OR W8x10	8"	

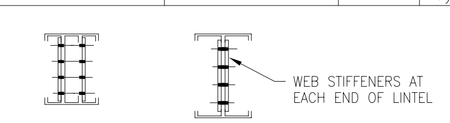


NOTES:
1. SEE ARCH DWGS FOR CLEAR OPENING & DIMENSIONS.
2. PROVIDE ONE ANGLE FOR EACH 4" OR LESS THICKNESS OF MASONRY OR ONE BEAM FOR EACH 12" OR LESS THICKNESS OF MASONRY.
3. WHERE W BEAMS ARE USED, PROVIDE CONTINUOUS BOTTOM PLATE WELDED TO BEAM. PLATE SHALL BE 3/8" THICK AND 1/2" LESS THAN WALL THICKNESS IN WIDTH.
4. FOR CMU WALLS WITH OPENINGS OVER 6'-0", PROVIDE SOLID GROUTED OR SOLID MASONRY JAMB UNDER LINTEL EACH SIDE OF OPENING.
5. FOR CMU WALLS WITH OPENINGS LARGER THAN 10'-0", PROVIDE 2-5/8"øx1'-6" ANCHOR BOLTS AT EACH END. SLOT HOLES IN BEAM.
6. USE THIS SCHEDULE UNLESS NOTED OR DETAILED OTHERWISE.

7 LOOSE STEEL LINTEL SCHEDULE (SL)

S6/S7 | S14 — NOT TO SCALE

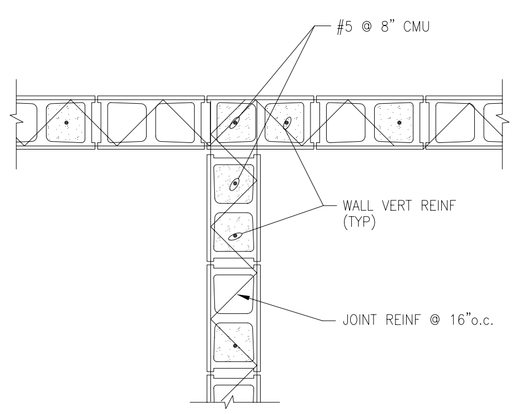
LIGHT GAGE STEEL LINTEL SCHEDULE (LGL)				
CLEAR OPENING	LINTEL	REMARKS	BEARING EA END	MINIMUM PROPERTIES
7'-0" OR LESS	(3)-10"x14 GAGE CEE METAL STUD w/ 16 GA TRACK TOP & BOTTOM	PROVIDE @ 6" WIDE LOAD BEARING WALLS	6"	Ix = 12.325 Sx = 2.47 A = 0.978 Fy = 50 ksi
7'-0" OR LESS	(2)-12"x14 GAGE JW METAL STUD w/ 16 GA TRACK TOP & BOTTOM	PROVIDE @ 4" WIDE LOAD BEARING WALLS	6"	Ix = 21.95 Sx = 3.66 A = 1.19 Fy = 50 ksi
7'-0" TO 10'-0"	(3)-12"x14 GAGE JW JOIST w/ 16 GA TRACK TOP & BOTTOM	PROVIDE @ 6" WIDE LOAD BEARING WALLS	6"	Ix = 21.95 Sx = 3.66 A = 1.19 Fy = 50 ksi



NOTE:
1. ALL LINTELS SHALL HAVE 6" MINIMUM BEARING @ EA END.
2. PROVIDE LINTELS OVER ALL OPENINGS, INCLUDING BUT NOT LIMITED TO: DOORS, WINDOWS, DUCTS, LOUVERS RECESSES UNLESS SHOWN OR NOTED OTHERWISE.
3. FOR DIMENSIONS AND LOCATION OF OPENINGS SEE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DWGS
4. ALL EXTERIOR LINTELS SHALL BE EPOXY PAINTED.
5. PROVIDE DOUBLE STUDS AT LINTEL BEARING TYPICAL.
6. DALE/INCOR MATERIALS ARE NOTED. MATERIALS BY OTHER MANUFACTURERS MAY BE USED WHICH MEET OR EXCEED THE MINIMUM PROPERTIES.
7. PROVIDE WEB STIFFENERS @ EA. END.

8 LIGHT GAGE LINTEL SCHEDULE LGL

S6/S7 | S14 — NOT TO SCALE



6 DETAIL-TYPICAL INTERSECTION @ STRUCTURAL WALLS

S6/S7 | S14 — NOT TO SCALE

NOTE: STRUCTURAL WALLS ARE LOAD BEARING WALLS OR SHEAR WALLS. SEE FLOOR PLAN FOR LOCATION.

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
FRAMING DETAILS
AS-BUILT

DRAWN BY TLK	LEAD DESIGNER
TECH REVIEWER	FILE LOCATION
DESIGNED BY TVR	PROJECT NUMBER NKAK02-5001
DATE 28 MAY 2002	SHEET S14
SCALE 3/4"=1'-0"	54 OF 108

DRAWING: 488135S14 EDITED BY: MO DESIGNED BY: TVR DATE EDITED: 12-10-01