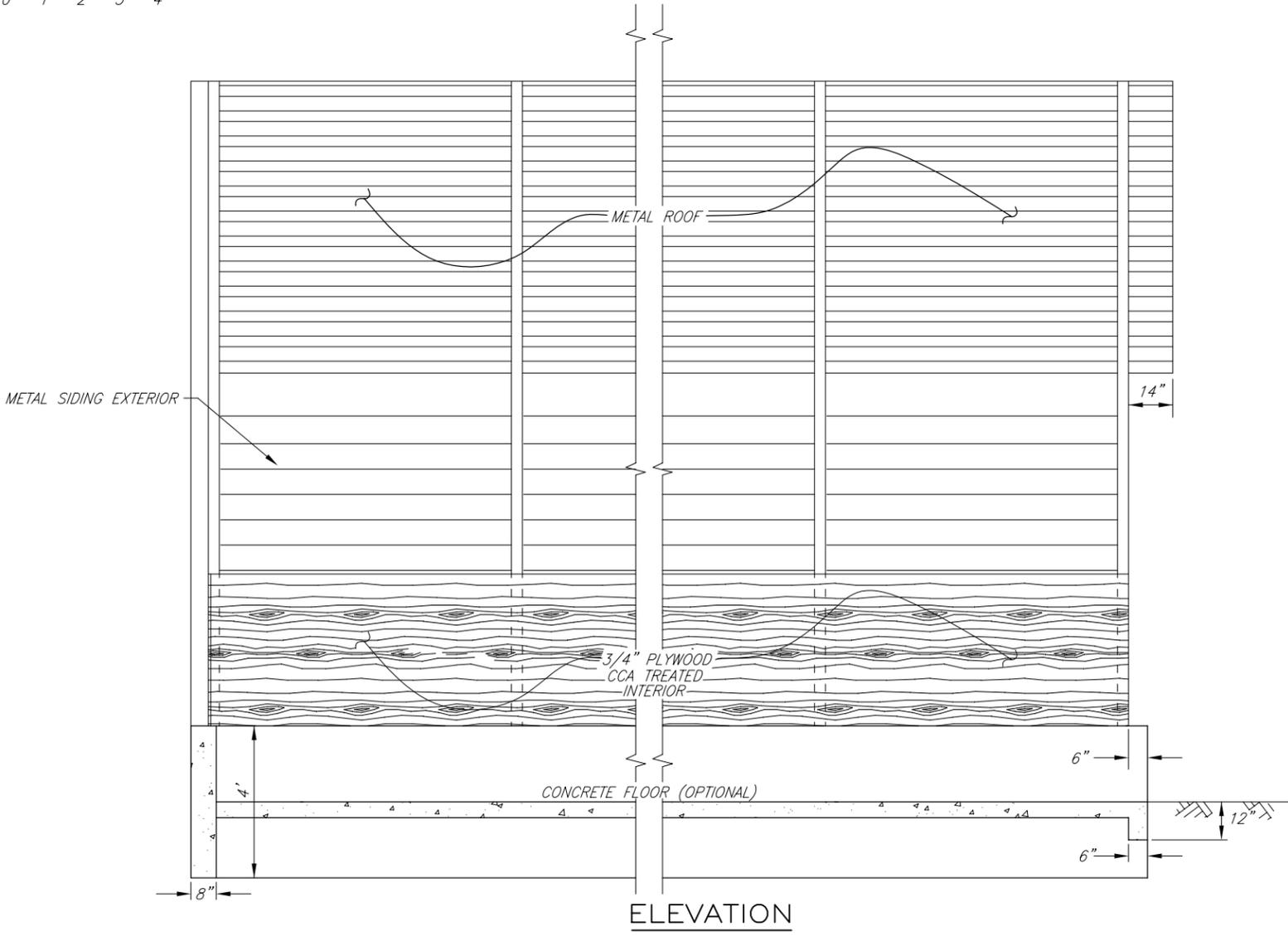
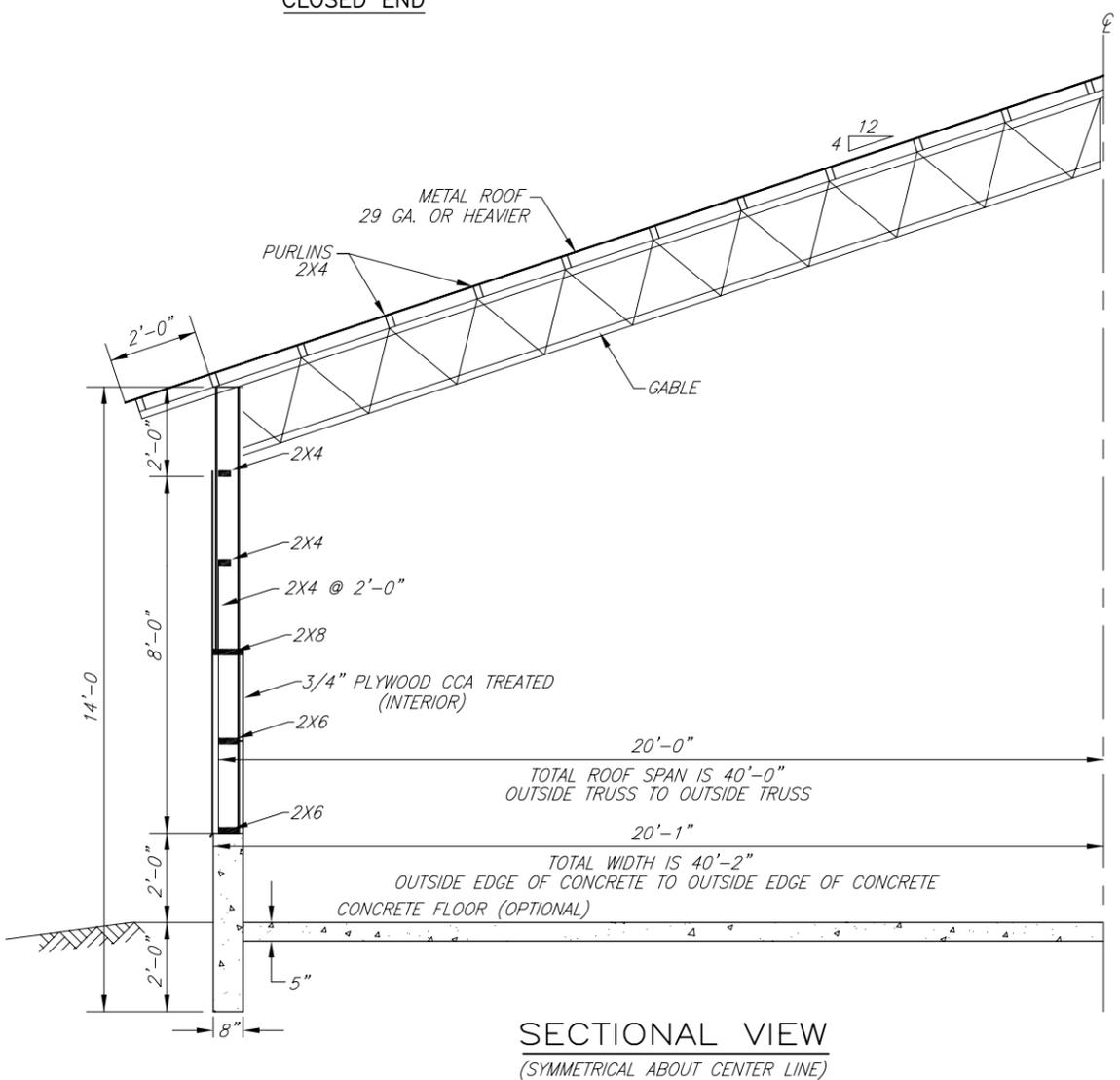
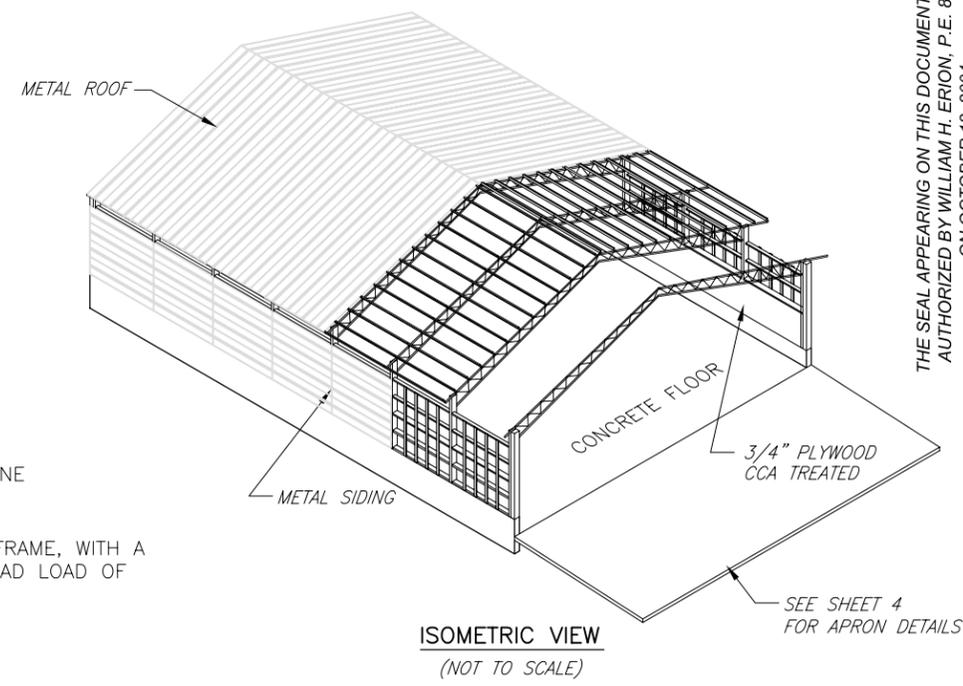
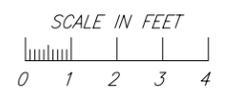


**PURLIN REQUIREMENTS**

TRUSS SPACING	PURLINS
8 FT	2X4 #2 OR BETTER SOUTHERN PINE
10 FT	2X6 #2 OR BETTER SOUTHERN PINE
8 FT OR 10 FT	2X4 SELECT STRUCTURAL SOUTHERN PINE

NOTE: FURNISHED TRUSS SHALL BE DESIGNED AS RIGID FRAME, WITH A MINIMUM ROOF LIVE LOAD OF 16 psf, MINIMUM DEAD LOAD OF 5 psf, AT MAXIMUM SPACING OF 10 FEET.

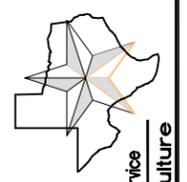


THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY WILLIAM H. ERION, P.E. 84920 ON OCTOBER 12, 2004.



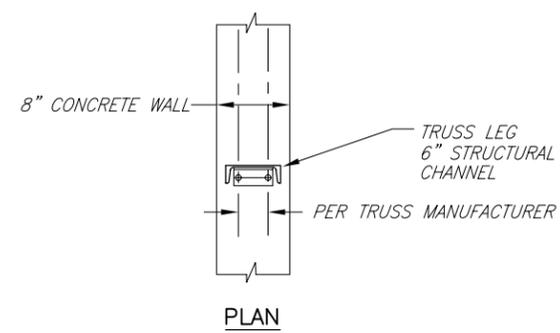
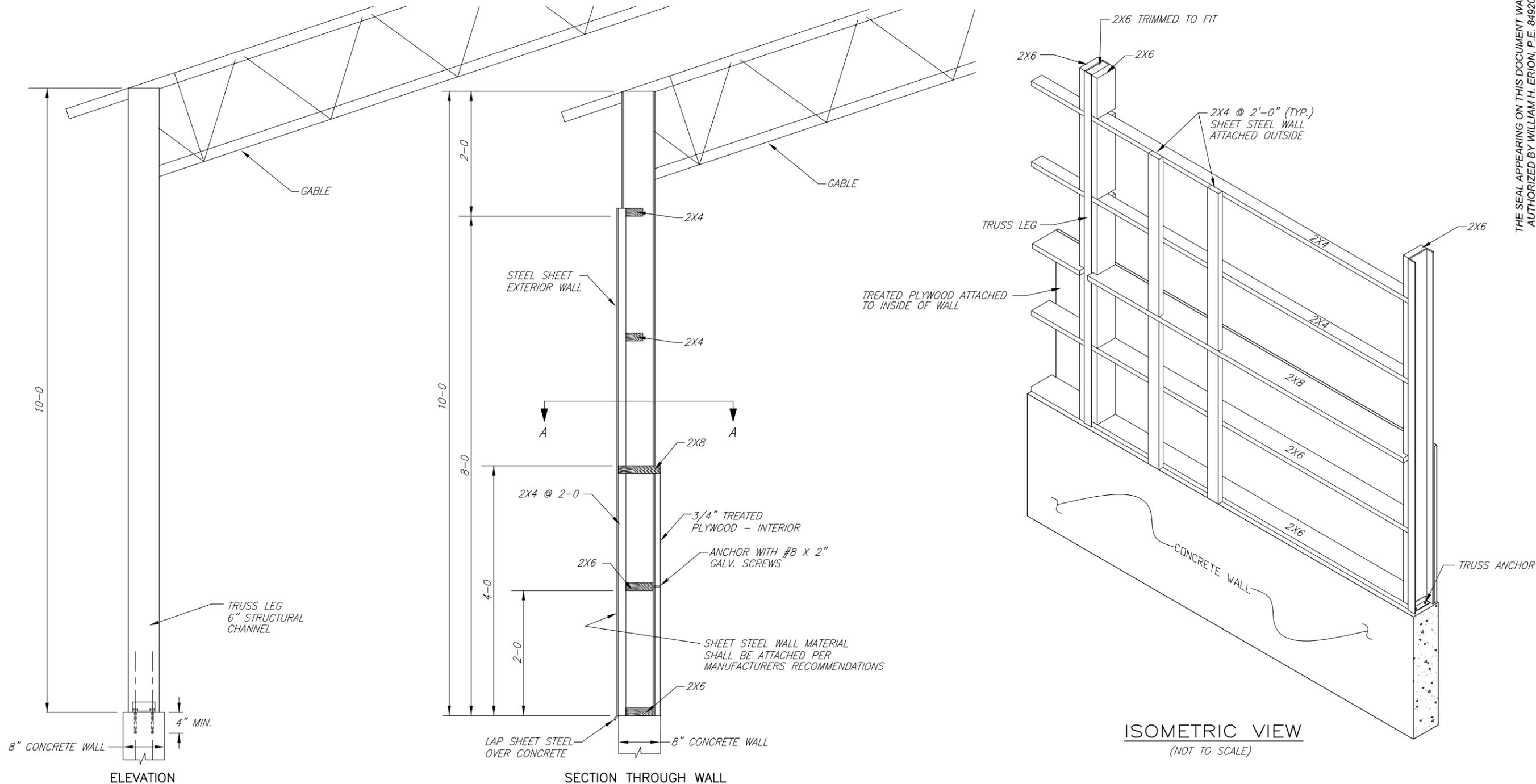
DESIGNED BY: WILLIAM H. ERION  
 DRAWN BY: GK  
 CHECKED BY: DEG  
 FILE NAME: DETAILS  
 DATE PLOTTED: 10/04

POULTRY LITTER STORAGE BUILDING  
 40 FT. SPAN - MAX. 12 FT. EAVE HT.  
 FARM COUNTY, TEXAS

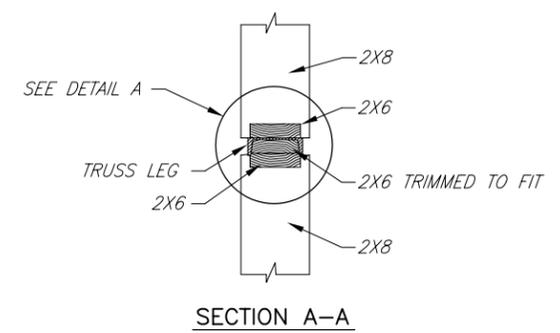


**NRCs**  
 Natural Resources Conservation Service  
 U.S. Department of Agriculture

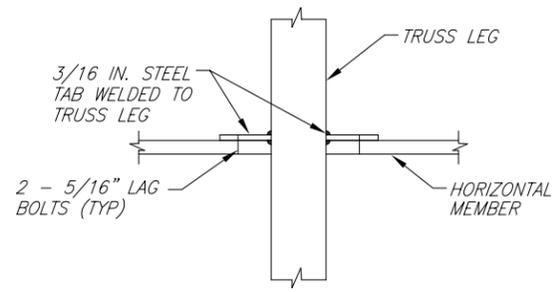
REVISIONS DATE  
 LENGTHEN TRUSS 6/16/04  
 ROOF SLOPE 1/17/05  
 DRAWING NO. TX-EN-0444  
 SHEET



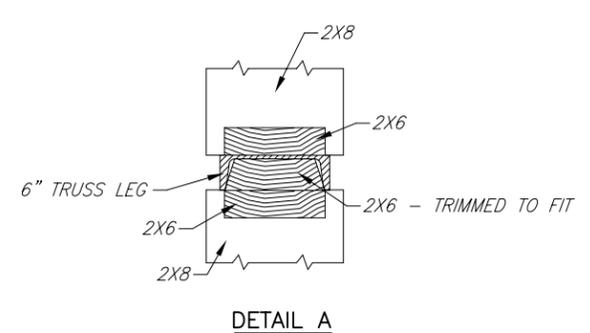
**ANCHOR DETAIL**  
 (ANCHOR BOLTS TO BE 5/8" EMBEDDED INTO CONCRETE WALL A MIN OF 4")



**WALL DETAIL**  
 NOTE: CROSS BRACING IN WALL SHALL BE INSTALLED PER MANUFACTURES RECOMMENDATIONS.

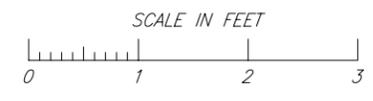


**ALTERNATE ATTACHMENT DETAIL**  
 NOTE: STEEL TABS OF MIN 3/16" STEEL WELDED TO THE TRUSS LEG MAY BE USED TO ATTACH HORIZONTAL MEMBERS IN LIEU OF VERTICAL 2X6 LUMBER DETAILED.



**DETAIL A**

**ISOMETRIC VIEW**  
 (NOT TO SCALE)

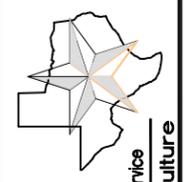


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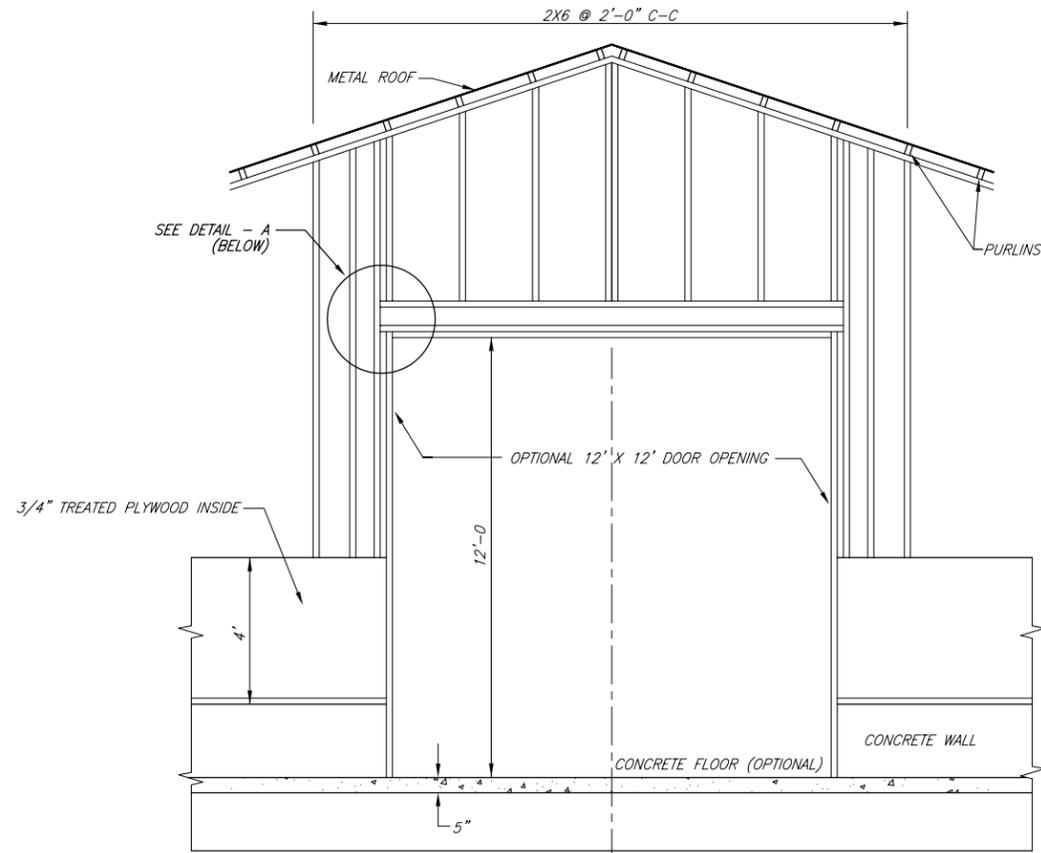
DESIGNED BY: WILLIAM H. ERION  
 DRAWN BY: GK  
 CHECKED BY: DEG  
 FILE NAME: WALL & ANCHOR DETAILS  
 DATE PLOTTED: 10/04

POULTRY LITTER STORAGE BUILDING  
 40 FT. SPAN - MAX. 12 FT. EAVE HT.  
 FARM COUNTY, TEXAS

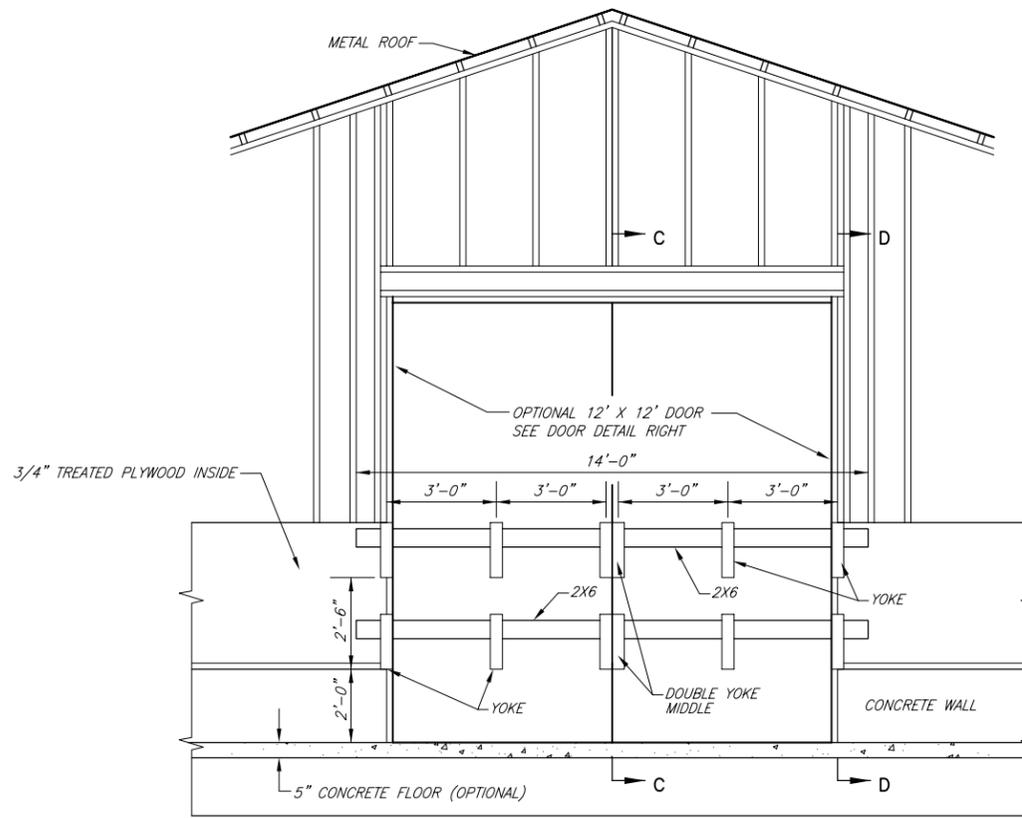


**NRCs**  
 Natural Resources Conservation Service  
 U.S. Department of Agriculture

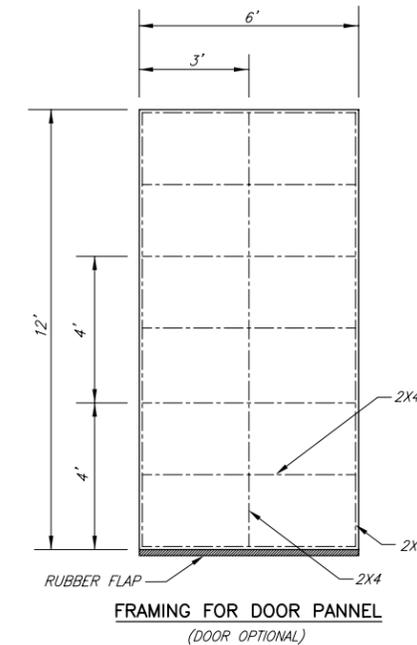
REVISIONS DATE  
 LENGTHEN TRUSS 6/16/04  
 PLY. MEAS. 1/17/05  
 DRAWING NO. TX-EN-0444  
 SHEET



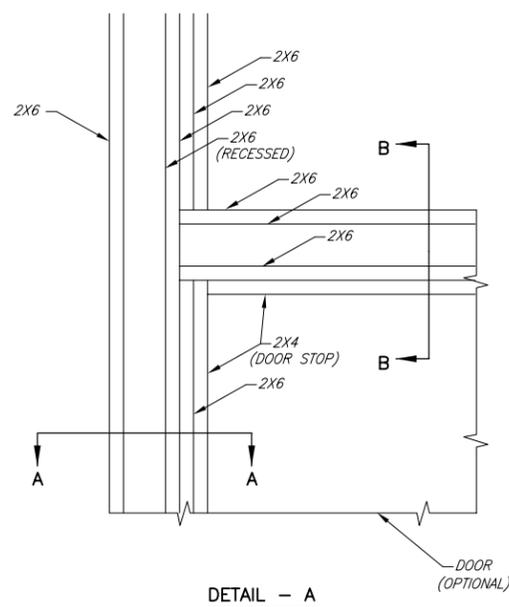
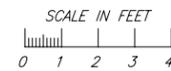
**FRAMING DETAIL - CLOSED END WALL**  
(LOOKING INSIDE)



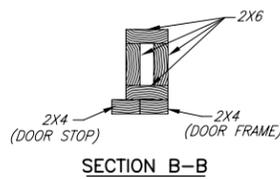
**DOOR DETAIL - CLOSED END WALL**  
(LOOKING INSIDE)



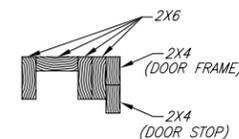
NOTE: DOOR INTERIOR FACED WITH 3/4" TREATED PLYWOOD. EXTERIOR FACED WITH MIN. 29 GA. SHEET STEEL SIDING. DOOR TO BE HUNG WITH 5 HEAVY DUTY GALVANIZED STEEL 3" BUTT HINGES. THE DOOR CAN ONLY OPEN TO THE OUTSIDE. INSTALL A RUBBER FLAP ONTO THE BOTTOM OF DOOR TO PREVENT WATER FROM ENTERING.



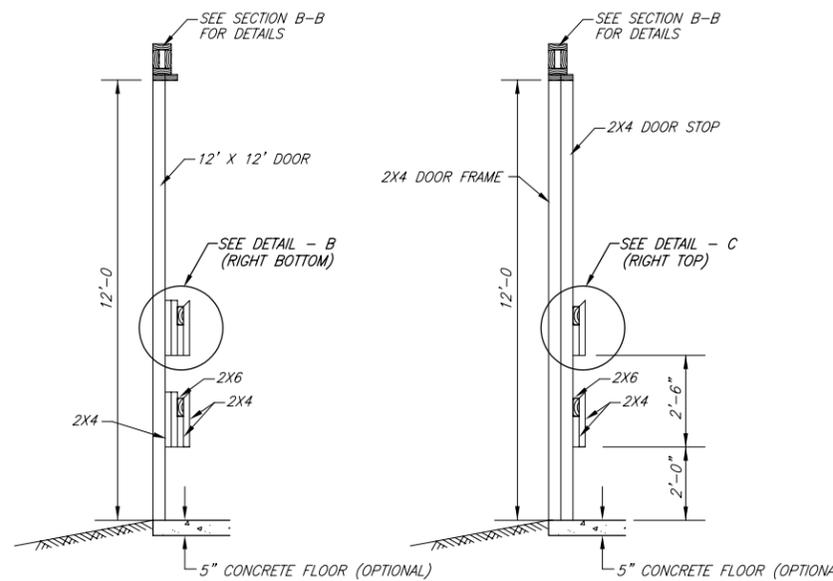
**DETAIL - A**



**SECTION B-B**

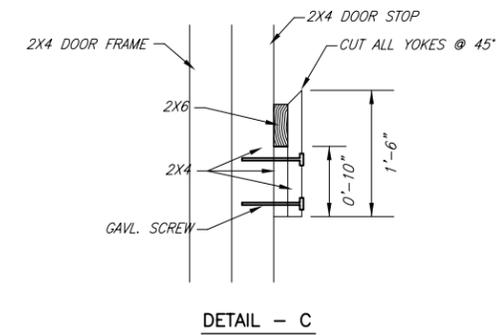


**SECTION A-A**

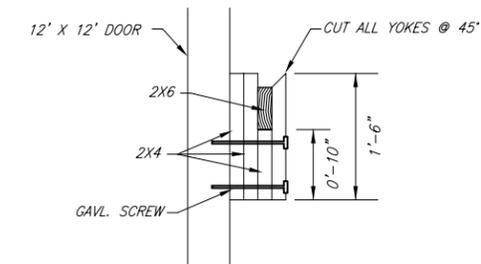


**SECTION C-C**

**SECTION D-D**



**DETAIL - C**



**DETAIL - B**

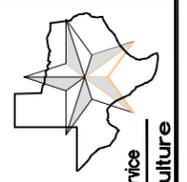
NOTE: ANCHOR WITH #8 X 10" GALV. SCREWS. USE FOUR PER YOKE, OFFSETTING EACH SCREW.

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY WILLIAM H. ERION, P.E. 84920 ON OCTOBER 12, 2004.



DESIGNED BY: WILLIAM H. ERION  
DRAWN BY: GK  
CHECKED BY: DEG  
FILE NAME: DOORDETAILS-GON  
DATE PLOTTED: 10/04

POULTRY LITTER STORAGE BUILDING  
40 FT. SPAN - MAX. 12 FT. EAVE HT.  
FARM COUNTY, TEXAS

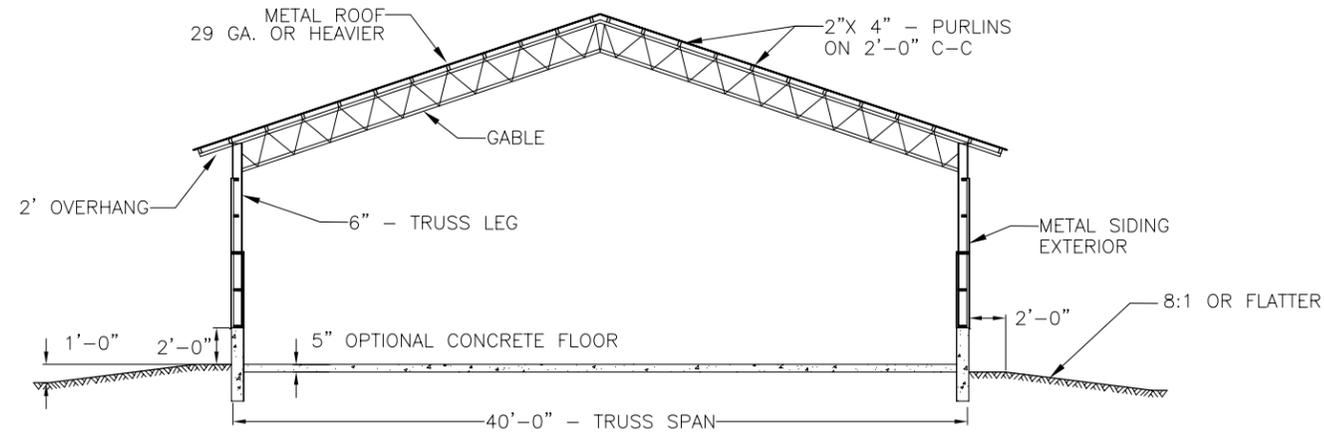


**NRC**  
Natural Resources Conservation Service  
U.S. Department of Agriculture

REVISIONS DATE  
LENGTHEN TRUSS 6/16/04

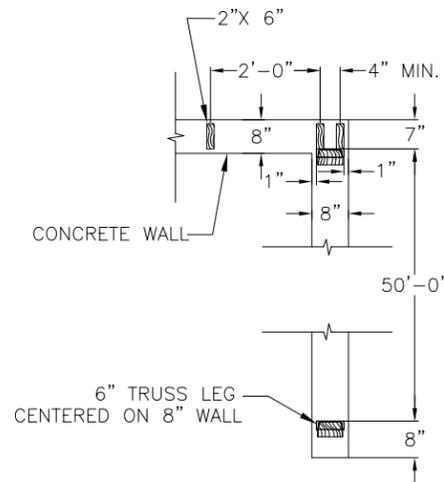
DRAWING NO.  
TX-EN-0444

SHEET



**SECTION A-A**

NOTE: FOR WALL DETAILS SEE SHEET 2.



**DETAIL A**

**NOTES:**

THIS DRAWING DOES NOT APPLY TO NORTHWEST TEXAS BOUND BY IH20 ON THE SOUTH AND IH35 ON THE EAST.

SITE PREPARATION PRIOR TO CONSTRUCTION SHALL INCLUDE FOUNDATION STRIPPING, CONSTRUCTION OF A PAD WITH A MIN. 1' THICKNESS AND 2' EXTENSION BEYOND THE LIMITS OF THE CONCRETE SLAB AND 8:1 SIDE SLOPES OR FLATTER AWAY FROM THE DRY STACK BUILDING. COMPACTION FOR THE PAD WILL BE SPECIFIED BY THE NRCS TECHNICAL REPRESENTATIVE BEFORE CONSTRUCTION STARTS.

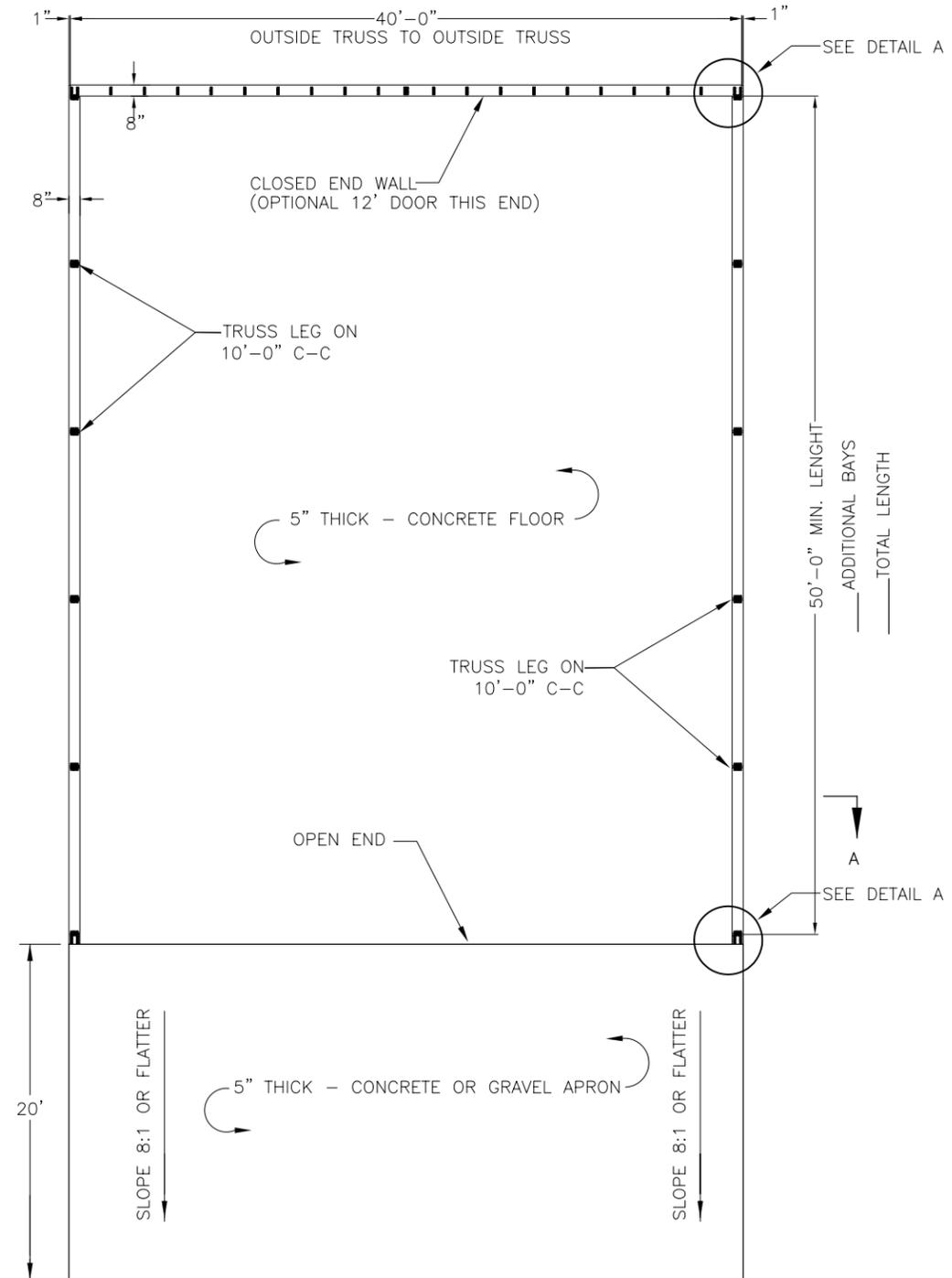
THIS BUILDING SHALL NOT BE MODIFIED BY ADDING ADDITIONAL STRUCTURES OR CHANGING THE DIMENSIONS.

THERE SHALL BE A 2-FOOT AIR SPACE PROVIDED BETWEEN THE TOP OF THE WALL AND GIRDER.

THE METAL ROOF SHALL HAVE A MIN. 2' OVERHANG ON SIDES. FASTENER MATERIALS AND LOCATIONS FOR THE METAL ROOF SHALL BE ACCORDING TO MANUFACTURES RECOMMENDATIONS.

ALL NAILS, BOLTS, NUTS AND WASHERS, WHICH WILL BE IN CONTACT WITH WASTE MATERIALS SHALL BE GALVANIZED.

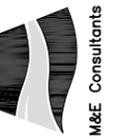
CONCRETE SHALL HAVE A MIN. COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. SEE SHEET 5 FOR REINFORCEMENT AND CONTROL JOINT DETAILS.



**FLOOR SLAB - PLAN VIEW**

NOTE: ADDITIONAL BAYS SHALL BE IN INCREMENTS OF 10 FT.

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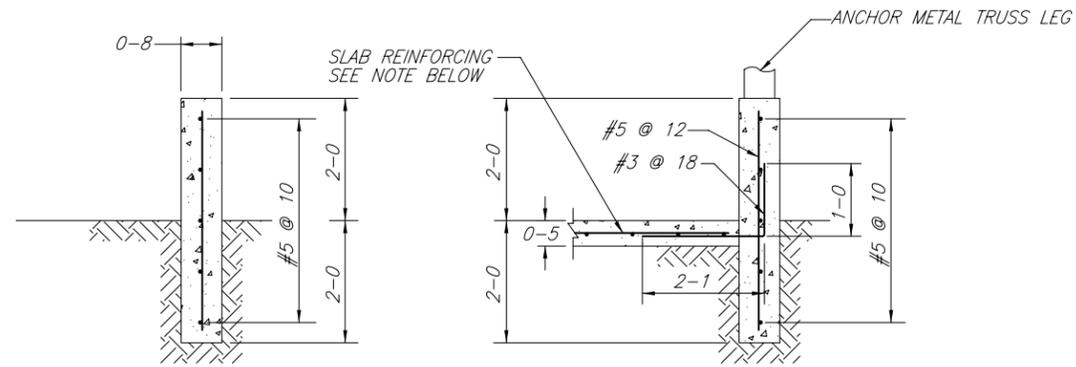


DESIGNED BY: WILLIAM H. ERION  
 DRAWN BY: GK  
 CHECKED BY:  
 FILE NAME: DRY STACK-CONCRETE  
 DATE PLOTTED: 09/04

POULTRY LITTER STORAGE BUILDING  
 40 FT. SPAN - MAX. 12 FT. EAVE HT.  
 FARM COUNTY, TEXAS

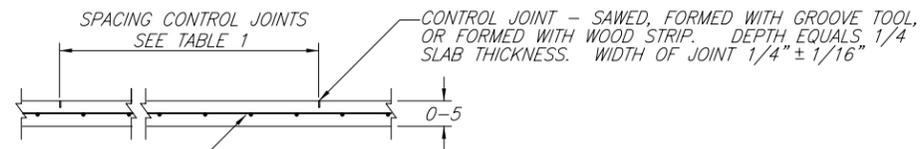


REVISIONS DATE  
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 DRAWING NO.  
 TX-EN-0444  
 SHEET



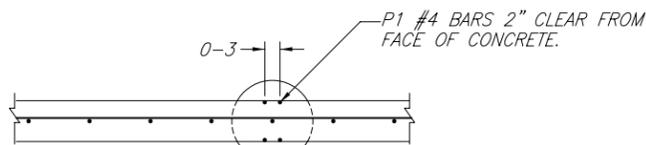
WALL SECTION

SECTION WITH SLAB

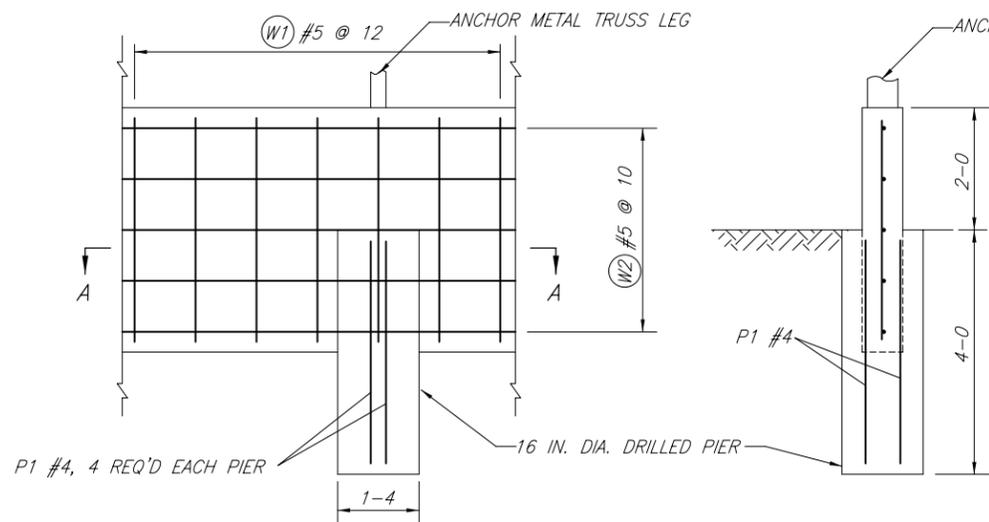


SLAB REINFORCEMENT - PLACE AT OR SLIGHTLY ABOVE MID DEPTH OF THE SLAB. SEE TABLE 1 FOR REINFORCEMENT REQUIREMENTS

SLAB DETAILS



SECTION A-A

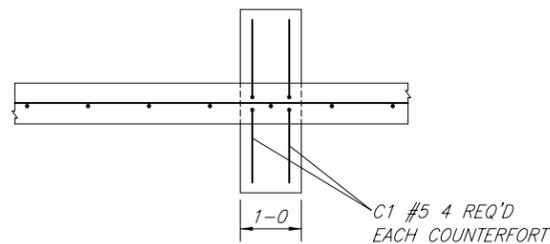


ELEVATION

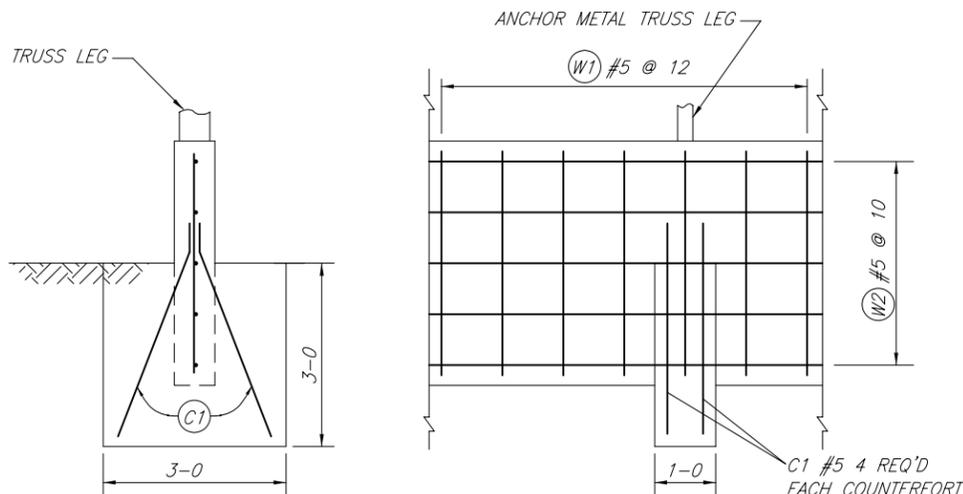
SECTION THROUGH WALL AND PIER

DETAILS DRILLED PIER

(COUNTERFORT OR DRILLED PIER REQUIRED WHEN FLOOR SLAB NOT USED)



PLAN

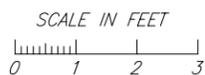


SECTION THROUGH WALL AND COUNTERFORT

ELEVATION

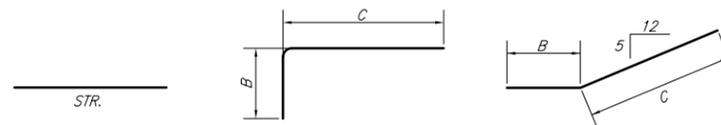
DETAILS COUNTERFORT

(COUNTERFORT OR DRILLED PIER REQUIRED WHEN FLOOR SLAB NOT USED)



STEEL SCHEDULE									
MARK	SIZE	QUANTITY	LENGTH	TYPE	B	C	LENGTH PER UNIT	NUMBER OF UNITS	TOTAL LENGTH
W1	5	AJ	3'-8"	1	-	-			
W2	5	BJ		1	-	-			
C1	5	4	4'-0"	SP-1	0'-9"	3'-3"	16'-0"		
P1	4	4	3'-8"	1	-	3'-3"	14'-8"		
F1	3	CJ	3'-1"	21	1'-0"	2'-1"			

AJ QUANTITY = TOTAL WALL LENGTH IN FT. + 2  
 BJ TOTAL WALL LENGTH + 8% FOR LAPS  
 CJ QUANTITY = TOTAL WALL LENGTH IN FT./1.5 + 2



TYPE 1

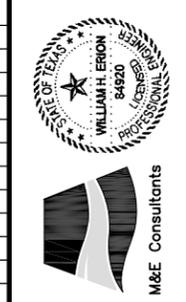
TYPE 21

TYPE SP-1

TABLE 1

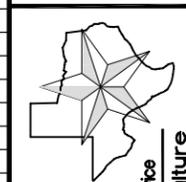
SPACING OF CONTROL JOINTS	REINFORCING BARS	WELDED WIRE REINFORCEMENT
20 FEET		6"x6" - W1,4/W1,4
40 FEET	#3 @ 18"	6"x6" - W2,9/W2,9
		12"x12" - W4,5/W4,5

BILL OF MATERIALS		
MATERIAL	QUANTITY	UNIT
BASIC 50 FT. BUILDING		
CONCRETE - WALL	13.96	CU. YDS.
APRON - CONCRETE/GAVEL	12.40	CU. YDS.
METAL ROOFING	2402	SQ. FT.
METAL SIDING	1,346.5	SQ. FT.
INTERIOR 3/4" PLYWOOD	555	SQ. FT.
PURLINS - 11'-2"	24	EACH
PURLINS - 10'-9"	24	EACH
PURLINS - 10'-0"	72	EACH
2" X 4" - HORIZONTAL	20	EACH
2" X 4" - VERTICAL	40	EACH
2" X 6" - HORIZONTAL	30	EACH
2" X 6" - VERTICAL	60	EACH
2" X 8" - HORIZONTAL	10	EACH
2" X 4" - RAKE TRIM	12	EACH
2" X 6" - CLOSED END TRIM	4	EACH
6" METAL TRUSS	12	EACH
TRUSS ANCHOR	12	EACH
TRUSS ANCHOR BOLTS	24	EACH
TRUSS ANCHOR NUTS	24	EACH
TRUSS ANCHOR WASHERS	24	EACH
OPTION ITEMS		
12' X 12' DOOR		
2" X 4" - FRAMING	6	EACH
2" X 6" - FRAMING	12	EACH
2" X 4" - DOOR FRAMING	13	EACH
3/4" - PLYWOOD INSIDE	144	SQ. FT.
METAL SIDING - OUTSIDE	144	SQ. FT.
6' - RUBBER FLAP	2	EACH
GALV. STEEL 3" BUTT HINGES	10	EACH
DOOR YOKES		
2" X 4" - YOKES	1	EACH
2" X 6" - YOKE LATCH	2	EACH
TRUSS ALTERNATIVE ATTACHMENT		
3/16" - STEEL TABS	100	EACH
CONCRETE - COUNTERFORT	3.41	CU. YDS.
CONCRETE - DRILLED PIER	1.73	CU. YDS.
CONCRETE - SLAB	30.7	CU. YDS.
QUANTITIES FOR 10 FT. EXTENSIONS		
CONCRETE - WALL	1.98	CU. YDS.
METAL ROOFING	462	SQ. FT.
METAL SIDING	160	SQ. FT.
INTERIOR 3/4" PLYWOOD	80	SQ. FT.
PURLINS - 10'-0"	24	EACH
2" X 4" - HORIZONTAL	4	EACH
2" X 4" - VERTICAL	8	EACH
2" X 6" - HORIZONTAL	4	EACH
2" X 6" - VERTICAL	6	EACH
2" X 8" - HORIZONTAL	2	EACH
6" - TRUSS	2	EACH
TRUSS ANCHOR	2	EACH
TRUSS ANCHOR BOLTS	4	EACH
TRUSS ANCHOR NUTS	4	EACH
TRUSS ANCHOR WASHERS	4	EACH
TRUSS ALTERNATIVE ATTACHMENT		
3/16" - STEEL TABS	20	EACH
CONCRETE - COUNTERFORT	0.57	CU. YDS.
CONCRETE - DRILLED PIER	0.29	CU. YDS.
CONCRETE - SLAB	6.00	CU. YDS.



DESIGNED BY: WILLIAM H. ERION  
 DRAWN BY: GK  
 CHECKED BY: DEG  
 FILE NAME: FOUNDATION-9092  
 DATE PLOTTED: 10/04

POULTRY LITTER STORAGE BUILDING  
 40 FT. SPAN - MAX. 12 FT. EAVE HT.  
 FARM COUNTY, TEXAS



**NRCS**  
 Natural Resources Conservation Service  
 U.S. Department of Agriculture

REVISIONS	DATE
LENGTHEN TRUSS	6/16/04

DRAWING NO.  
 TX-EN-0444  
 SHEET

5

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