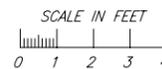
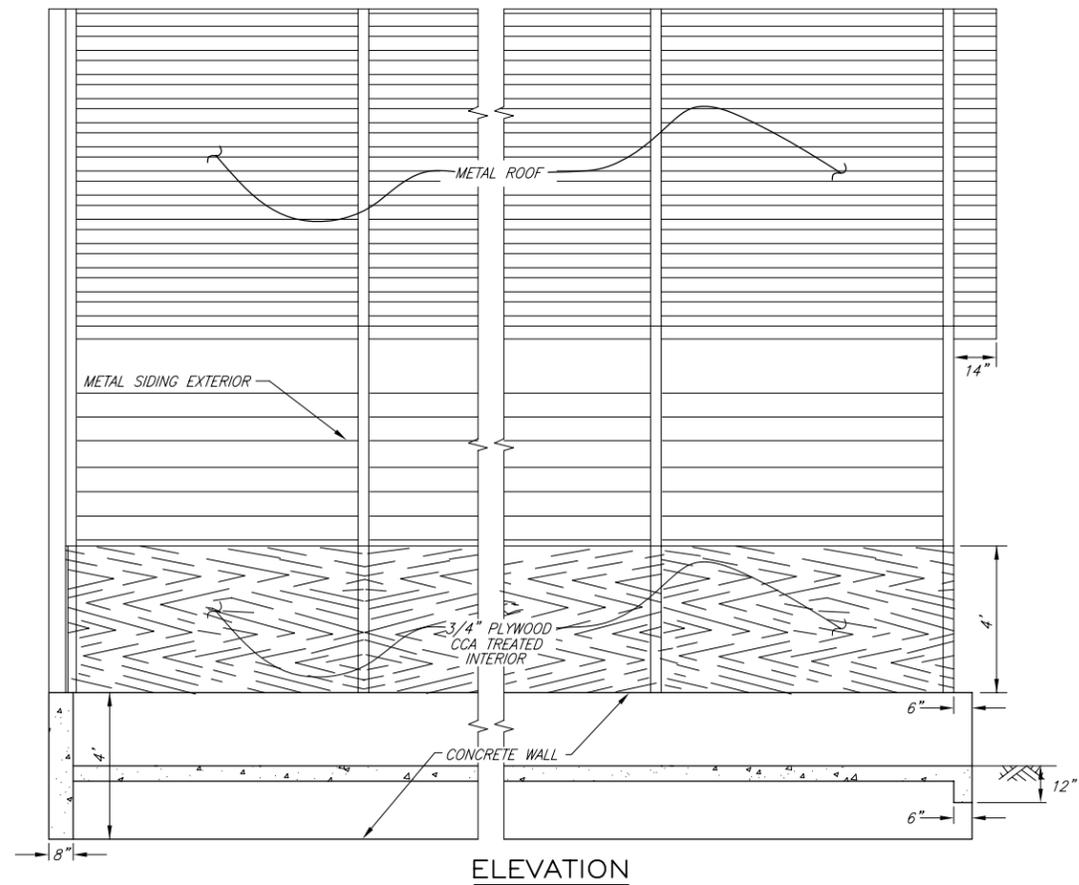
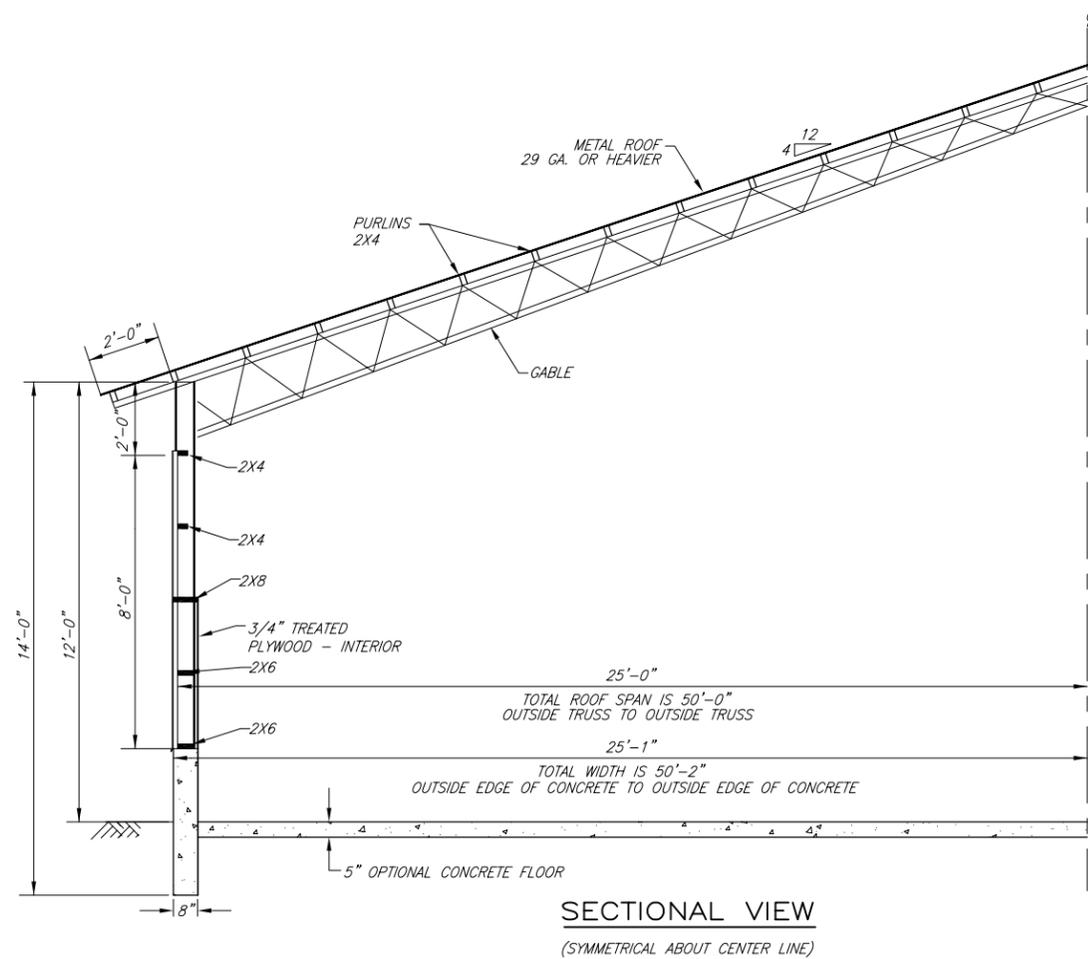


PURLIN REQUIREMENTS

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
 50 FT. SPAN - MAX. 12 FT. EAVE HT.
 FARM COUNTY, TEXAS

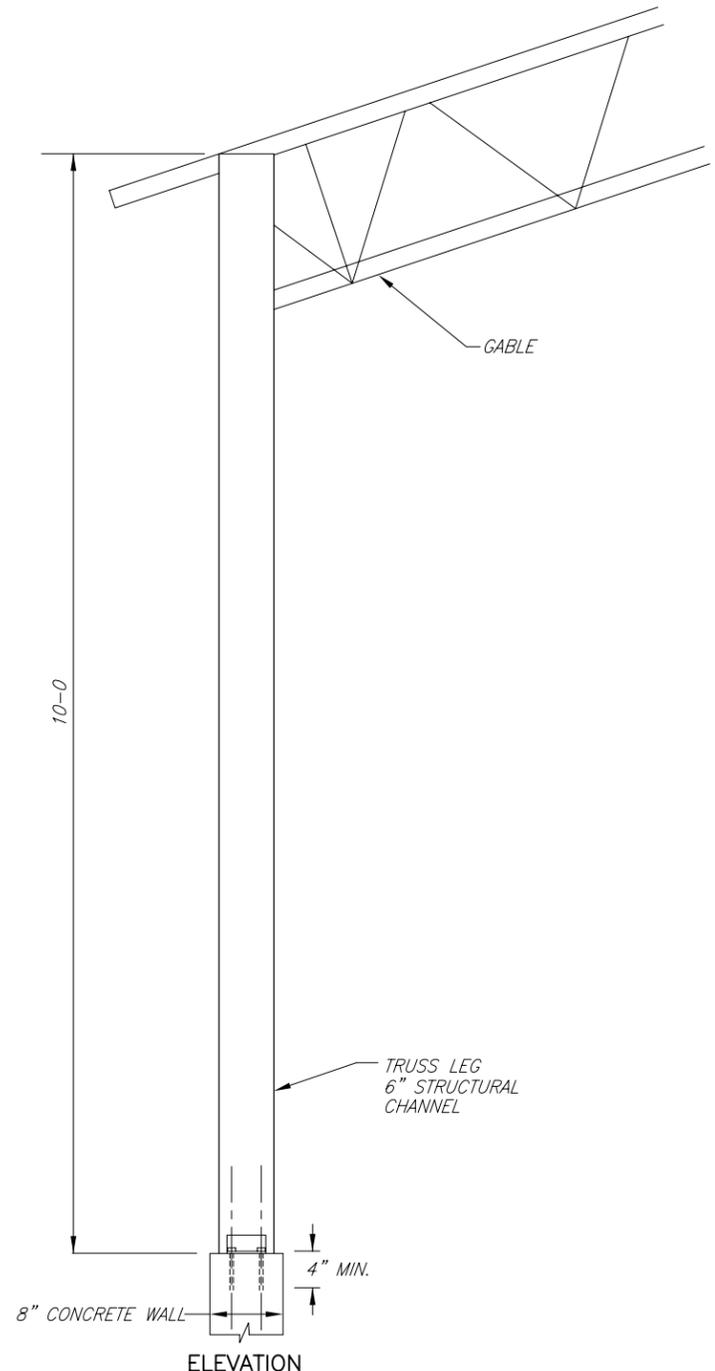


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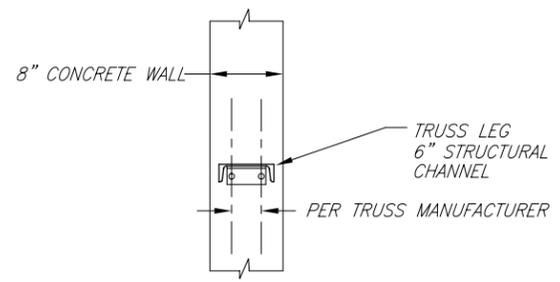
REVISIONS DATE
 ROOF SLOPE 1/17/05

DRAWING NO.
 TX-EN-0445

SHEET



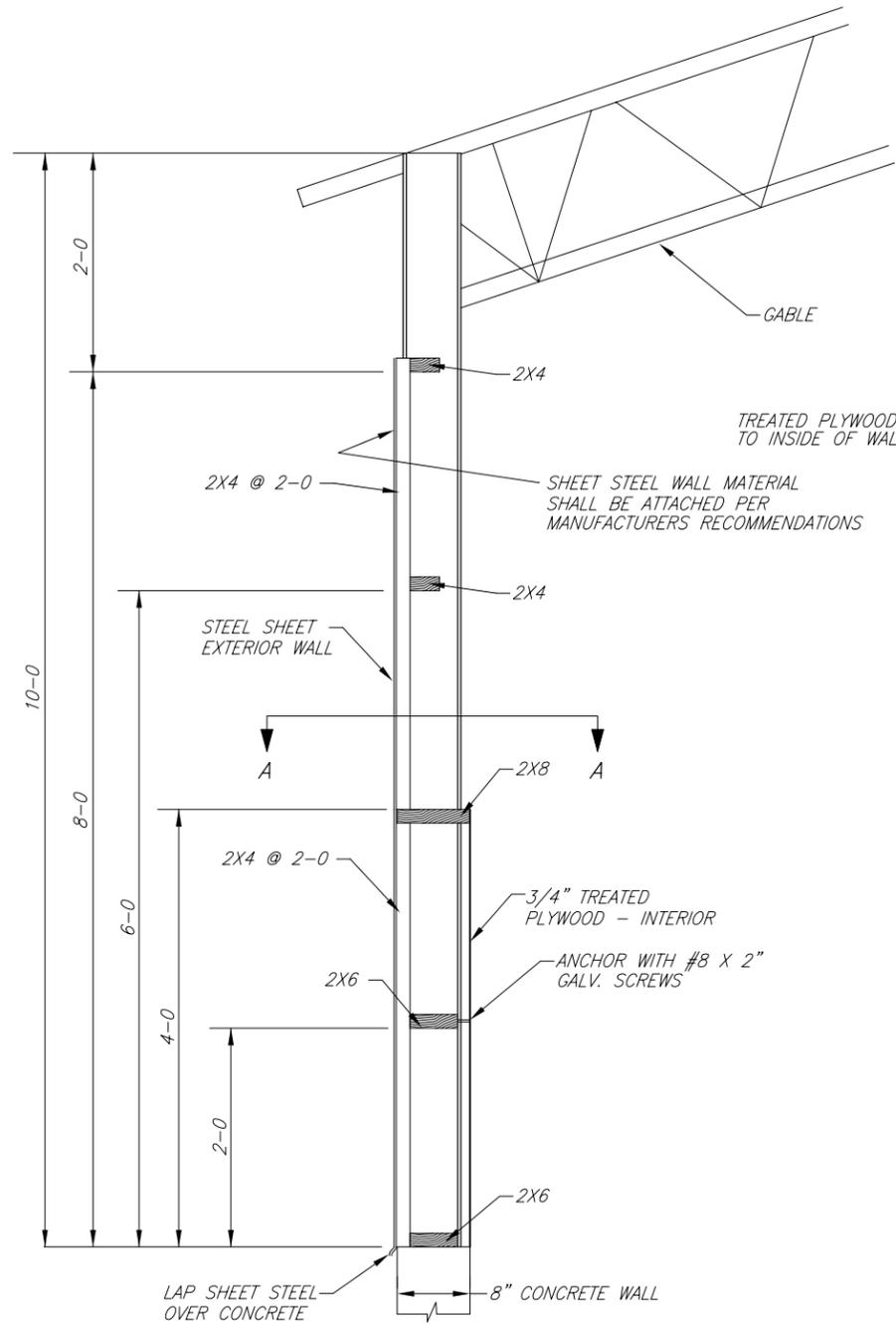
ELEVATION



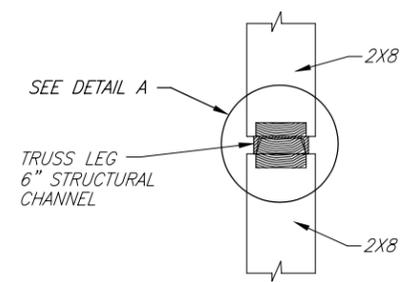
PLAN

ANCHOR DETAIL

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



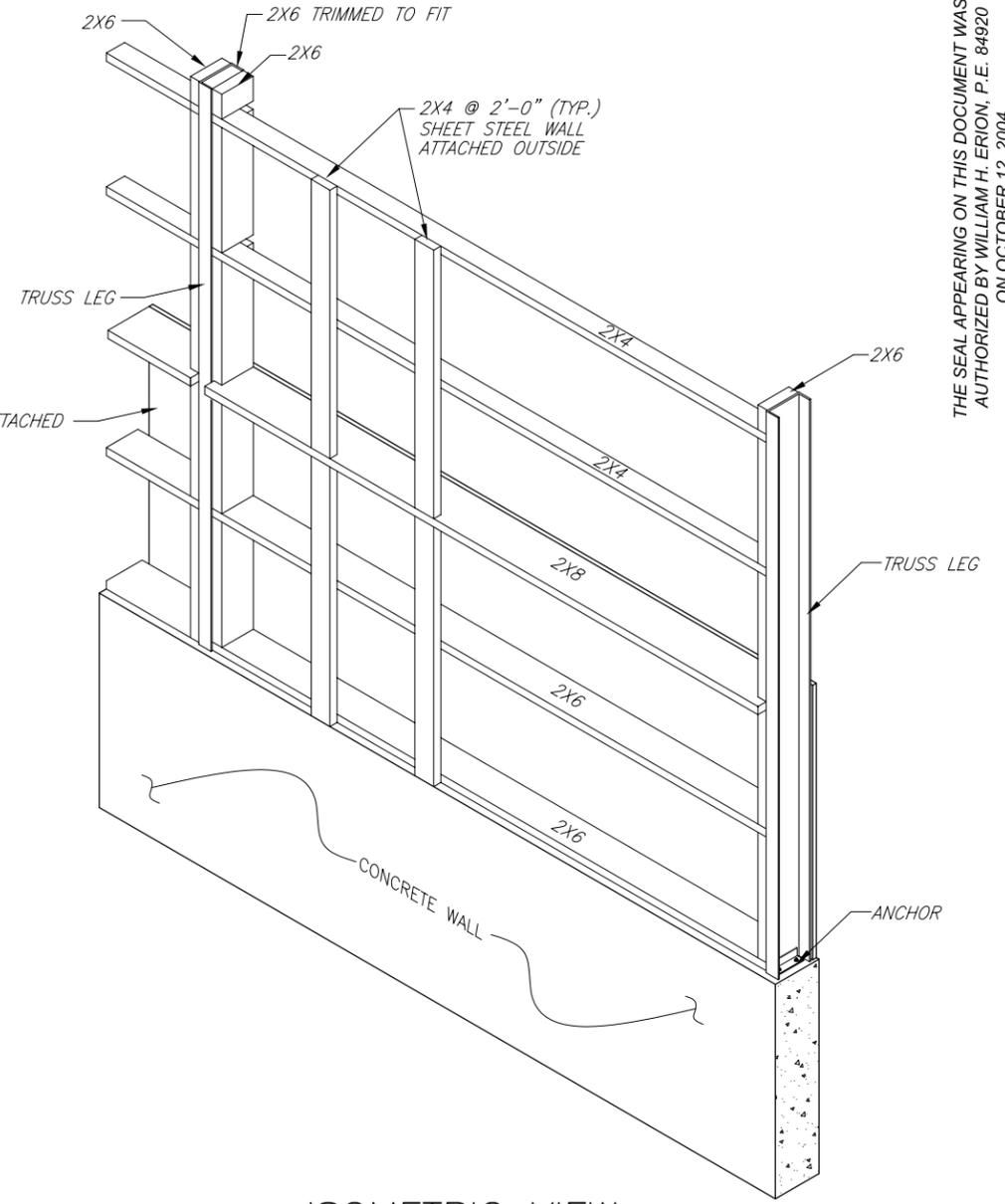
SECTION THROUGH WALL



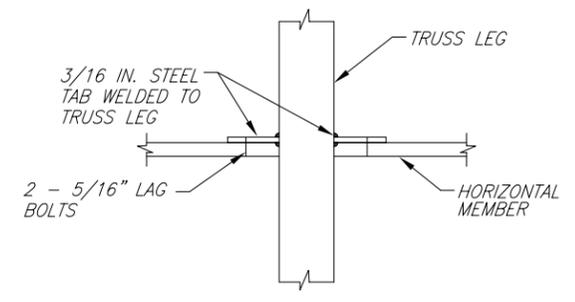
SECTION A-A

WALL DETAIL

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

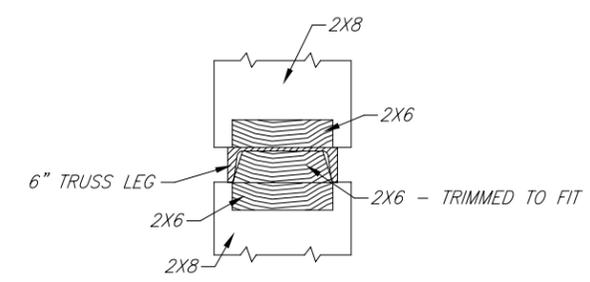


ISOMETRIC VIEW
(NOT TO SCALE)



ALTERNATE ATTACHMENT DETAIL

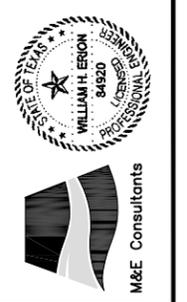
NOTE: STEEL TABS OF MIN 3/16" STEEL WELDED TO THE TRUSS LEG MAY BE USED TO ATTACH TO ATTACH HORIZONTAL MEMBERS IN LIEU OF VERTICAL 2X6 LUMBER DETAILED.



DETAIL A

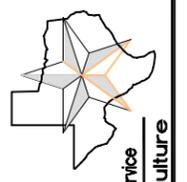


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 CHECKED BY: DEG
 FILE NAME: WALL DETAILS-LITTLE
 DATE PLOTTED: 10/04

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

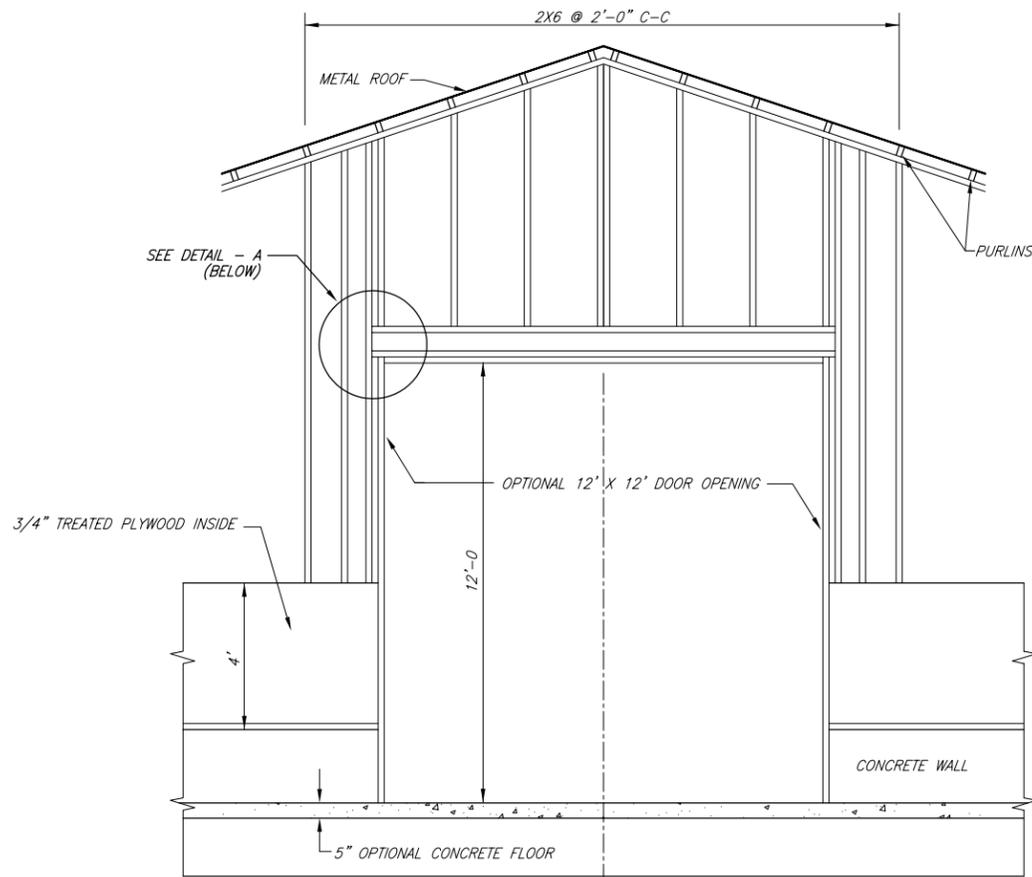


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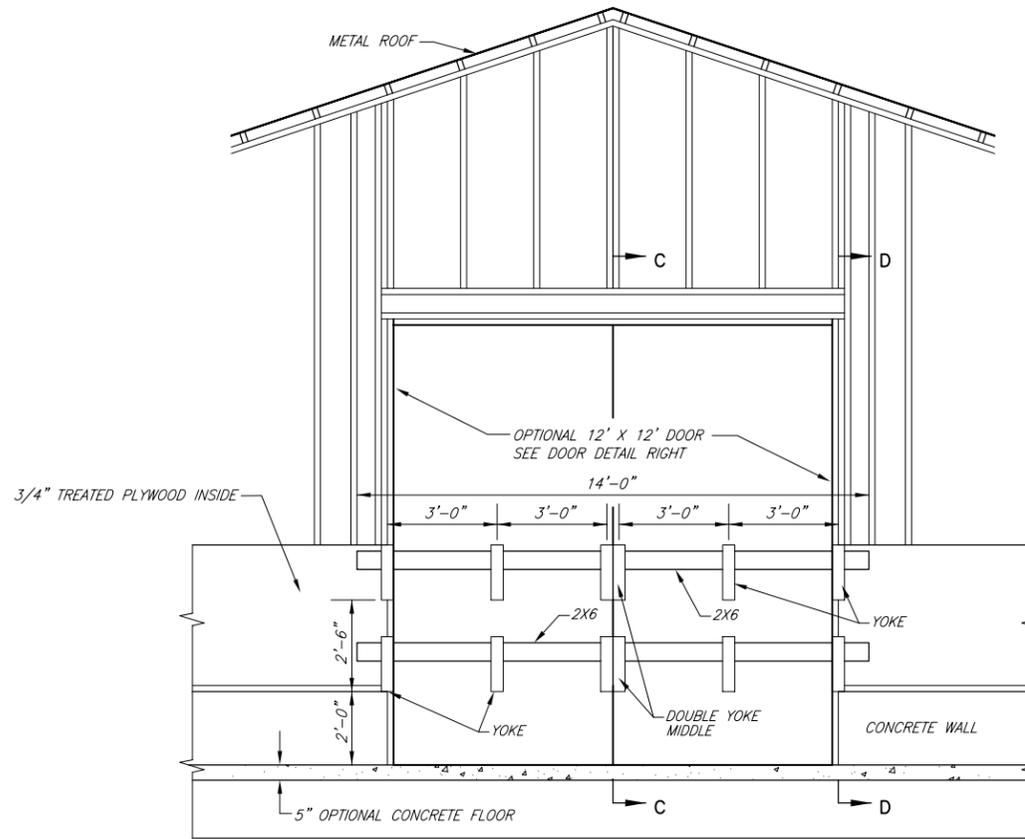
REVISIONS DATE
 PLY. MEAS. 1/17/05

DRAWING NO.
 TX-EN-0445

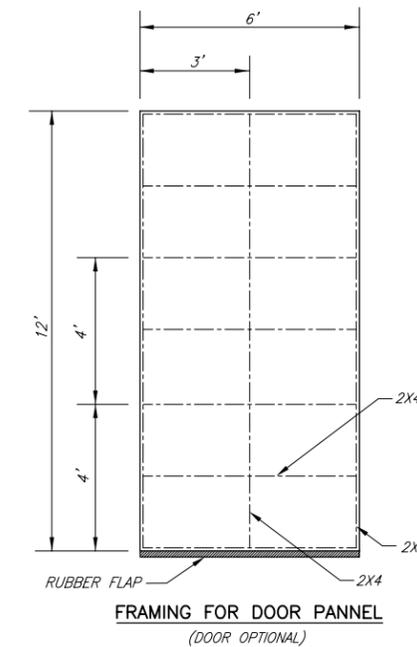
SHEET



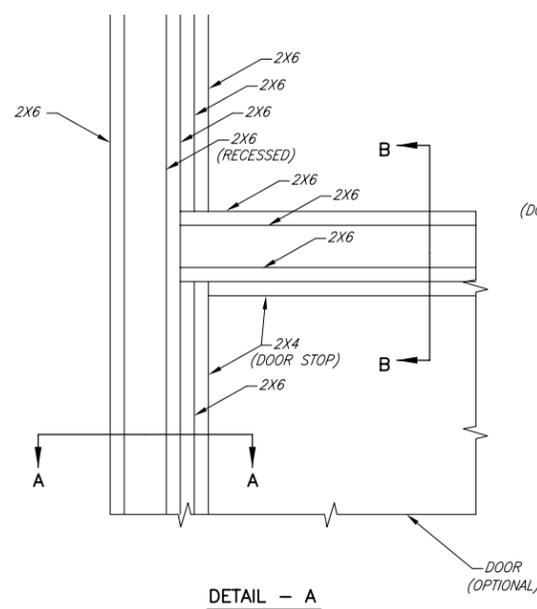
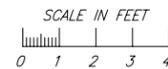
FRAMING DETAIL - CLOSED END WALL
(LOOKING INSIDE)



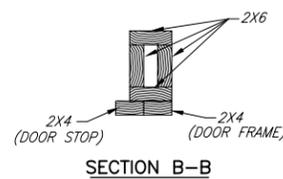
DOOR DETAIL - CLOSED END WALL
(LOOKING INSIDE)



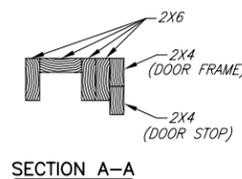
NOTE: DOOR INTERIOR FACED WITH 3/4" TREATED PLYWOOD. EXTERIOR FACED WITH MIN. 29 GA. SHEET STEEL SIDING. DOOR TO BE HUNG WITH 5 HEAVY DUTY GALVANIZED STEEL 3" BUTT HINGES. THE DOOR CAN ONLY OPEN TO THE OUTSIDE. INSTALL A RUBBER FLAP ONTO THE BOTTOM OF DOOR TO PREVENT WATER FROM ENTERING.



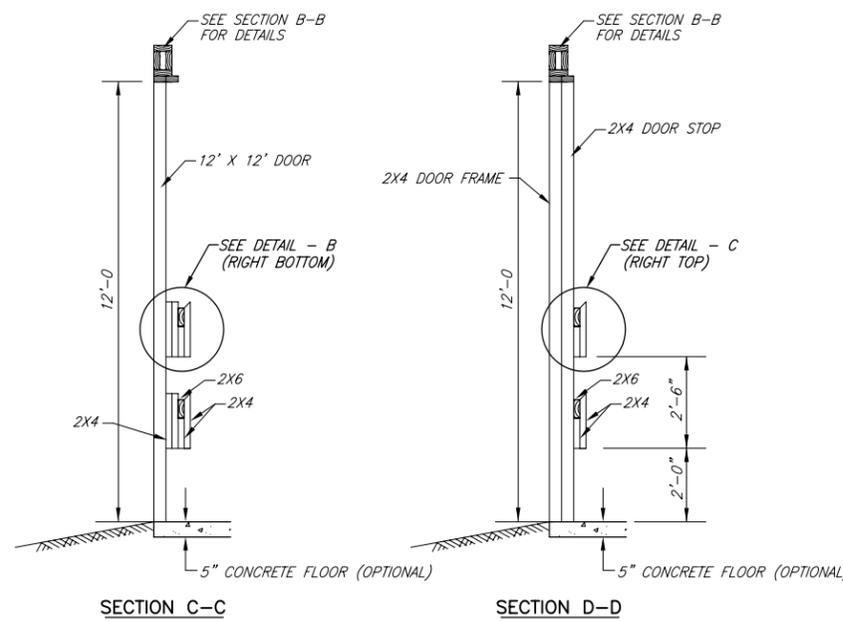
DETAIL - A



SECTION B-B

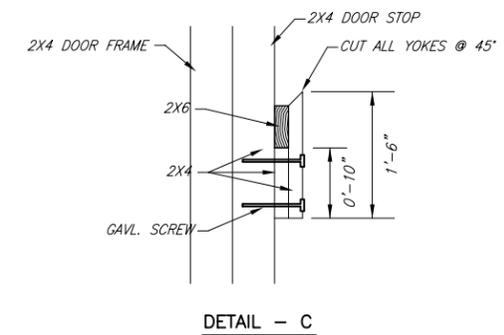


SECTION A-A

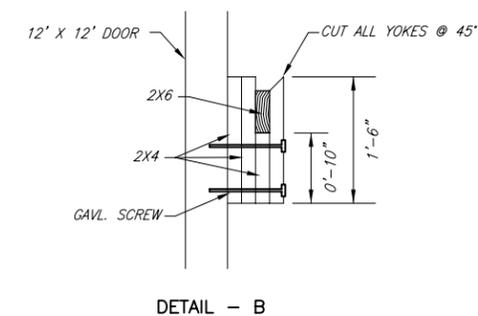


SECTION C-C

SECTION D-D



DETAIL - C



DETAIL - B

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

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DRAWN BY: GK
CHECKED BY: DEG
FILE NAME: DOORDETAILS-LITTLE
DATE PLOTTED: 10/04

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

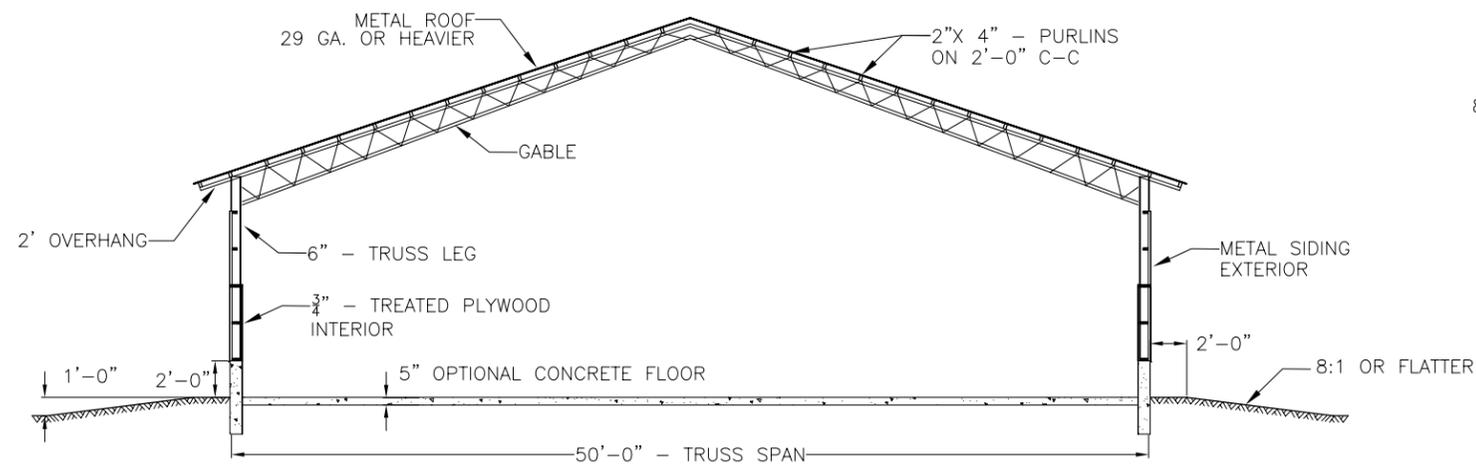


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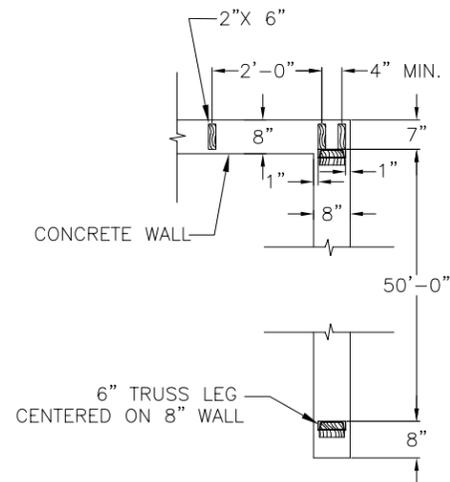
DRAWING NO.
TX-EN-0445

SHEET



SECTION A-A

NOTE: FOR WALL FRAMING 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.

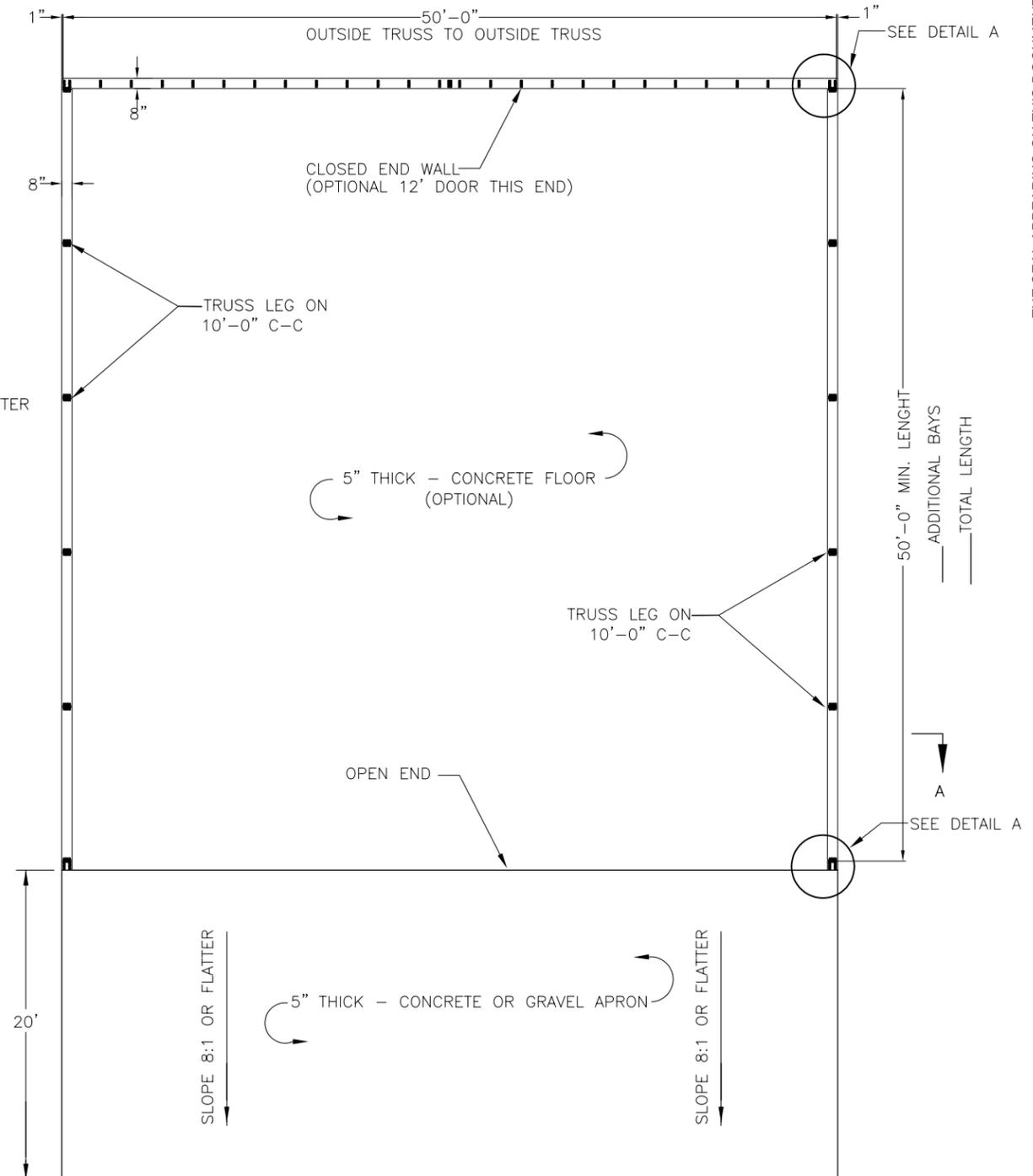
THIS BUILDING SHALL NOT BE MODIFIED BY ADDING ADDITIONAL STRUCTURES OR CHANGING THE DIMENSIONS.

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

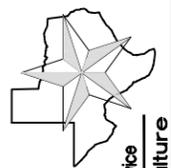
NOTE: ADDITIONAL BAYS SHALL BE IN INCREMENTS OF 10 FT.

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DESIGNED BY: WILLIAM H. ERION
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 CHECKED BY: DEG
 FILE NAME: DRY STACK-CONCRETE
 DATE PLOTTED: 10/04

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

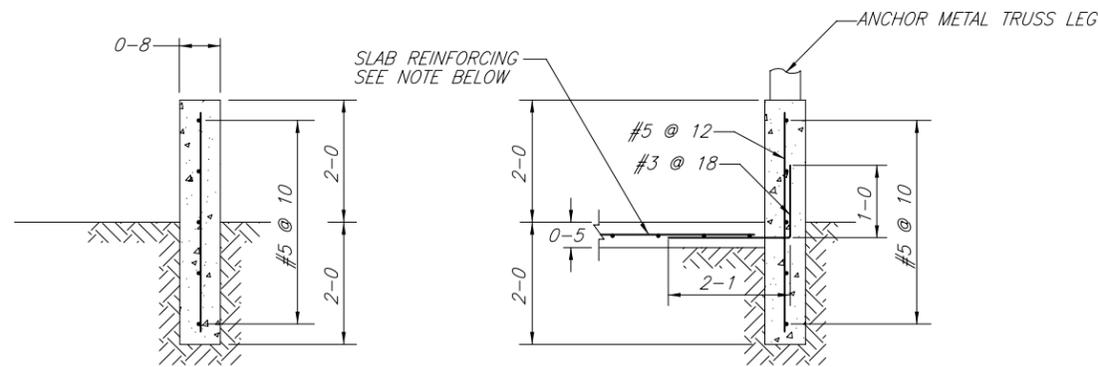


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REVISIONS DATE

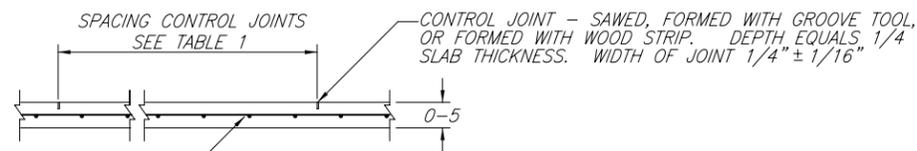
DRAWING NO.
 TX-EN-0445

SHEET



WALL SECTION

SECTION WITH SLAB

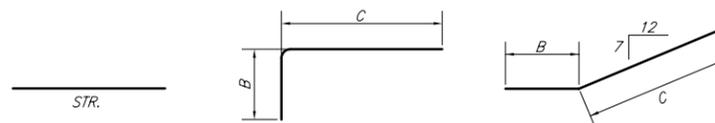


SLAB REINFORCEMENT - PLACE AT OR SLIGHTLY ABOVE MID DEPTH OF THE SLAB. SEE TABLE 1 FOR REINFORCEMENT REQUIREMENTS

SLAB DETAILS

STEEL SCHEDULE									
MARK	SIZE	QUANTITY	LENGTH	TYPE	B	C	LENGTH PER UNIT	NUMBER OF UNITS	TOTAL LENGTH
W1	5	A	3'-8"	1	-	-			
W2	5	B	3'-8"	1	-	-			
C1	5	4	4'-1"	SP-1	0'-9"	3'-4"	16'-4"		
P1	4	4	3'-8"	1	-	-	18'-8"		
F1	3	C	3'-1"	21	1'-0"	2'-1"			

A) QUANTITY = TOTAL WALL LENGTH IN FT. + 2
 B) TOTAL WALL LENGTH + 8% FOR LAPS
 C) QUANTITY = TOTAL WALL LENGTH IN FT/1.5 + 2

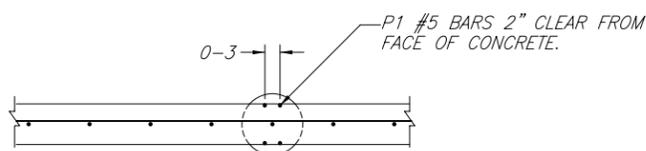


TYPE 1

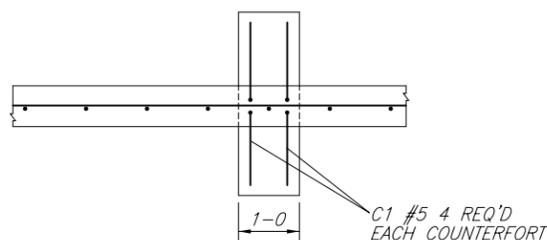
TYPE 21

TYPE SP-1

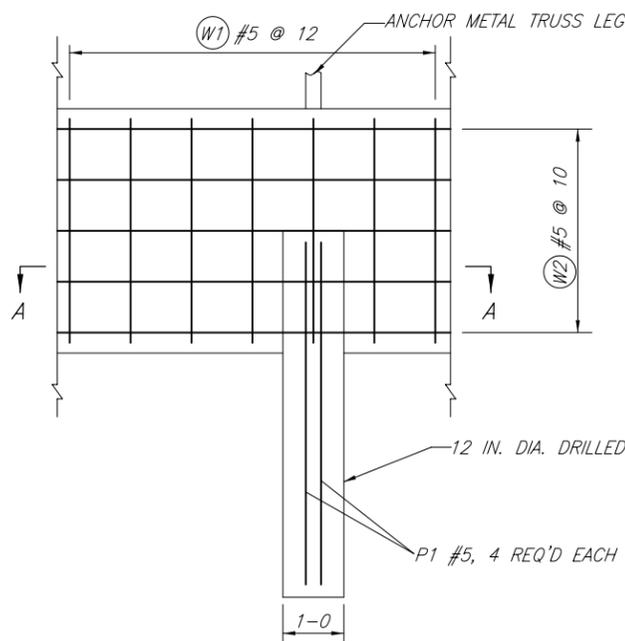
TABLE 1		
SPACING OF CONTROL JOINTS	REINFORCING BARS	WELDED WIRE REINFORCEMENT
20 FEET		6"X6" - W1,4/W1,4
40 FEET	#3 @ 18"	6"X6" - W2,9/W2,9
		12"X12" - W4,5/W4,5



SECTION A-A



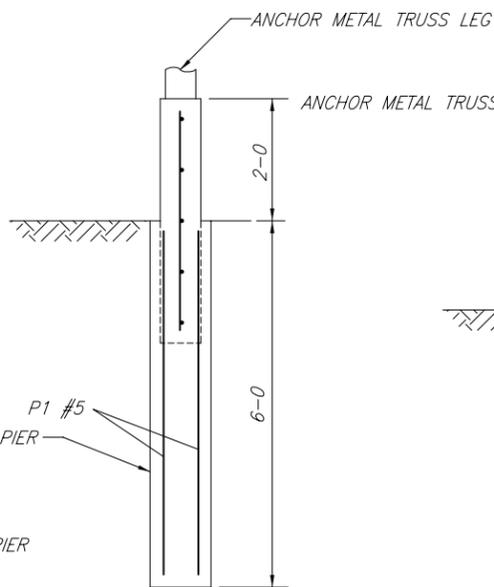
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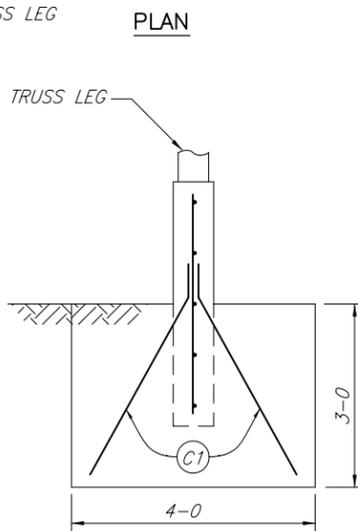
ELEVATION

DETAILS DRILLED PIER

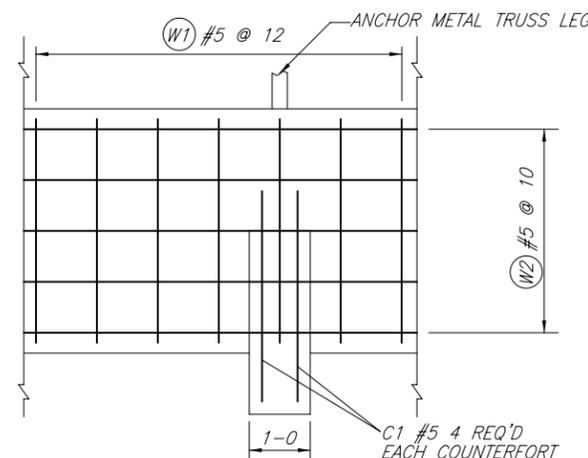
(COUNTERFORT OR DRILLED PIER REQUIRED WHEN FLOOR SLAB NOT USED)



SECTION THROUGH WALL AND PIER



SECTION THROUGH WALL AND COUNTERFORT



ELEVATION

DETAILS COUNTERFORT

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

SCALE IN FEET



BILL OF MATERIALS		
MATERIAL	QUANTITY	UNIT
BASIC 50 FT. BUILDING		
CONCRETE - WALL	14.94	CU. YDS.
APRON - CONCRETE/GAVEL	15.46	CU. YDS.
METAL ROOFING	2948	SQ. FT.
METAL SIDING	1521.5	SQ. FT.
INTERIOR 3/4" PLYWOOD	596	SQ. FT.
PURLINS - 11'-2"	30	EACH
PURLINS - 10'-9"	30	EACH
PURLINS - 10'-0"	90	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	4.74	CU. YDS.
CONCRETE - DRILLED PIER	1.54	CU. YDS.
CONCRETE - SLAB	38.64	CU. YDS.
QUANTITIES FOR 10 FT. EXTENSIONS		
CONCRETE - WALL	1.98	CU. YDS.
METAL ROOFING	567	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	0.79	CU. YDS.
CONCRETE - DRILLED PIER	0.26	CU. YDS.
CONCRETE - SLAB	7.54	CU. YDS.



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

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



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

REVISIONS DATE

DRAWING NO.

TX-EN-0445

SHEET

5

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