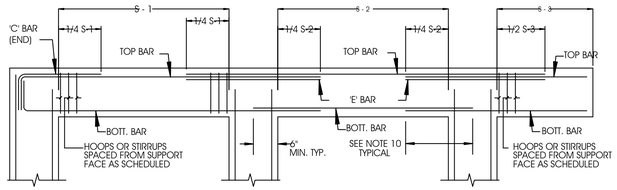


BEAM REINFORCING DIAGRAM DETAIL

NO SCALE

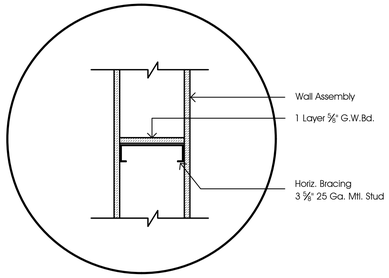
BOTTOM BARS - TOP BARS - 'E' BARS FOR CAST IN PLACE CONCRETE BEAMS & SLABS

GENERAL BEAM SCHEDULE NOTES:
1. Scheduled hoops or stirrups shall be placed at each end of beam unless noted otherwise. Stirrups shall be type S-6 & hoops shall be type T-2 crsi bar bends unless noted otherwise.
2. Bundle all structural beam top bars in pairs over supports with top bars from adjacent beams. (UNO)
3. All concrete beams other than those with the prefix fb shall be poured prior to placement of block below.
4. All tie beam reinforcing shall be continuous thru tie beams only. All splices to be a minimum of 30 bar dia.
5. All tie beam top & bottom reinforcing shall extend into span of any adjacent structural beam as per bending diagram.
6. Drop bottom of tie beams as required at window and door heads (28" maximum, up to 35" U.N.O.) and add 2 #5 bottom if drop exceeds 8".
7. Tie beam scheduled depths are minimum and may be increased (8" maximum) to fit block work.
8. All added longitudinal beam reinforcing shall extend 6" minimum into support unless noted otherwise.
9. Mark 'C' in reinforcing column between two beams indicates that reinforcing shall be continuous thru these two beams.
10. One-quarter of maximum bottom reinforcing steel area of either adjacent beam shall extend thru support and lap with a class 'A' tension lap splice on either side of support.
11. Provide (3) #5 corner bars with 30" development at all corners.
12. Provide min. ACI lap and hook distances for all lintel headers (30 bar diameter minimum lap)

TRUSS ANCHOR SCHEDULE

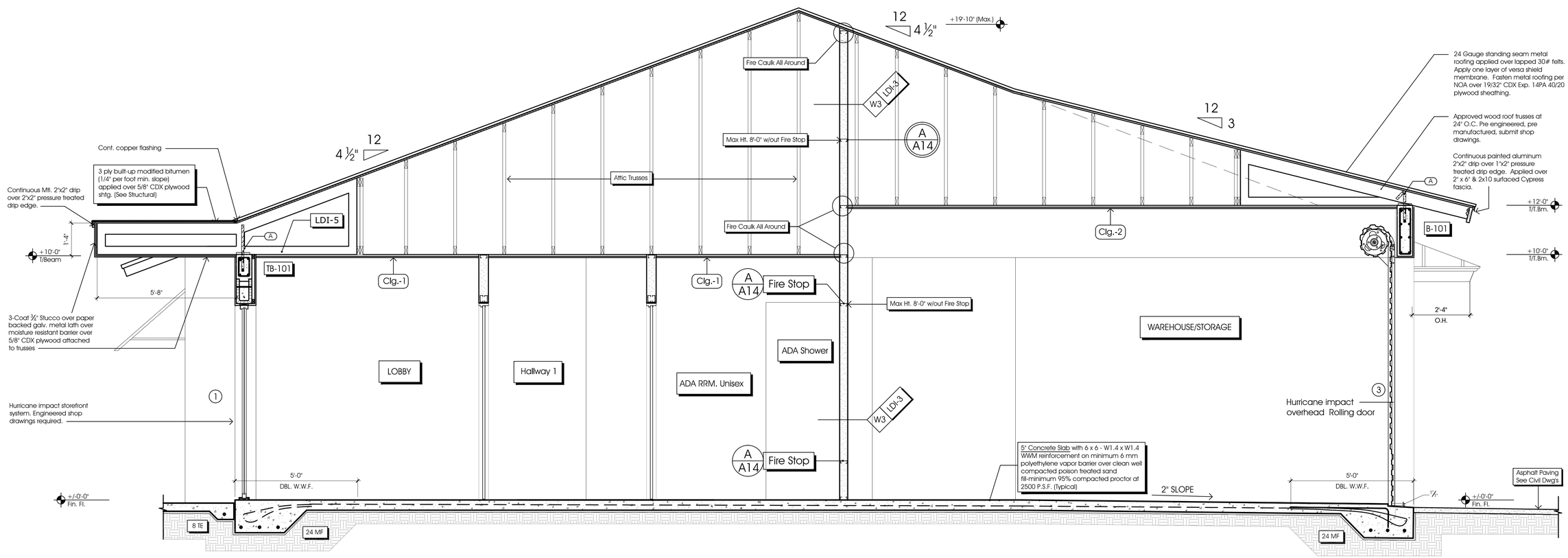
	MARK	ANCHOR I.D.	SEAT PLATE	TRUSS/ RAFTER	STRUCTURE CONCRETE/CMU/WOOD	ALLOWABLE LOADS (LBS.) LATERAL LOADS F1	F2	UPLIFT	NOTE	DADE CO. NOA # OR FL. APPROVAL #	
WOOD/ CONCRETE	A	SIMPSON META12	N/A	(7) 10dx 1-½"	4" MIN. EMBED.	340	725	1,450	SINGLE PLY TRUSS	FL11473	TSS
	B	SIMPSON HHETA(2)	N/A	(14) 16d	4" MIN. EMBED.	1225	1520	3,350	(2) PLY TRUSS	FL11473	
	C	SIMPSON DETAL20	N/A	(18) 10dx 1-½"	4" MIN. EMBED.	2,000	1,505	2,480	SINGLE PLY TRUSS	FL11473	
	D	SIMPSON HGAM10 (KTA3)	N/A	(4) SDS ¼"x 1-½"	(5) ¼"x 1 ¾- TITEN	1,005	1,105	850		FL13904	
	E	SIMPSON H10S	N/A	(8) 8dx 1-½"	(2) ¼"x 4" TITEN	1,065	-	-		FL11478	
	F	Simpson A35	N/A	(12) 8d x 1-½"	N/A	595	595	-		FL10446	

TRUSS ANCHOR NOTES:
1. THE UPLIFT FOR EACH TRUSS/GIRDER IS LESS THAN OR EQUAL TO THE UPLIFT CAPACITY FOR THE SPECIFIED ANCHOR.
2. DESIGN LOADS ARE BASED ON SOUTHERN YELLOW PINE LUMBER, SG= 0.55
3. ALL UPLIFT CONNECTORS SPECIFIED CAN BE SUBSTITUTED WITH AN APPROVED EQUAL WHERE FASTENING SPEC'S MUST MEET OR EXCEED THE UPLIFT SHOWN.
4. CONNECTORS TO CONCRETE MAY VARY THE TITEN SCREW EMBEDMENT. SEE MANUFACTURER SPECS.



A / A14 Typical Firestop Detail

1 1/2" SC



A / A14 Building Section

1/2" SC

Sections

1/2" SC

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R.B.A. P.N. 13714.09

Issued Date
:Permit Set
:G.C. Bid Set
2-27-16:Owner Review Plan Set

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A14

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