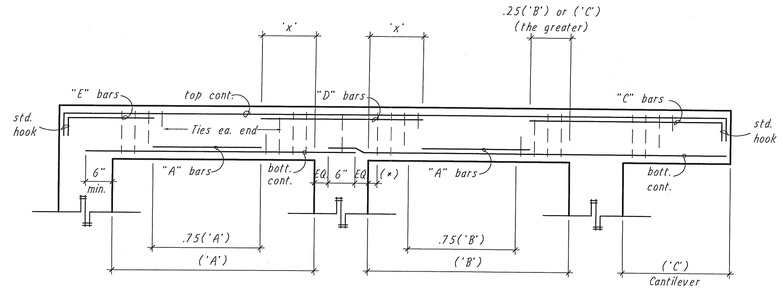
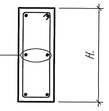


(*) Place first stirrup 2" from face of column See beam schedule for spacing each end.

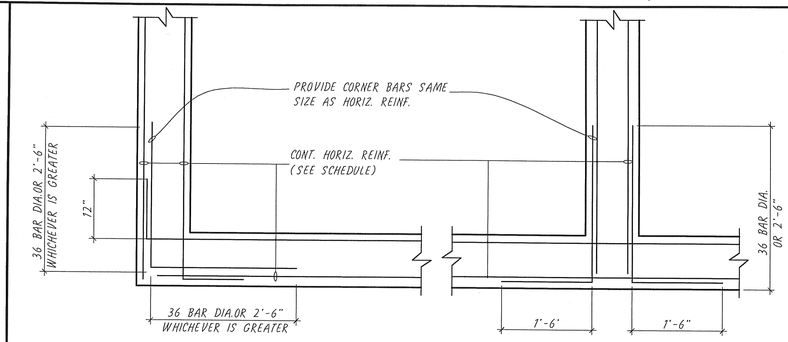
NOTES:
'x' equal .25('A') or .25('B') whichever is greater. Lap continuous top bars a minimum of 36 bar diameters (based on largest diam.) at center of span. Over a common support use reinforcing of heaviest reinforced adjacent beam.

2 bars for: $H \geq 24" < 36"$
4 bars for: $H \geq 36" < 58"$
(all intermediate bars shall be No. 5



INTERMEDIATE REINFORCING

F11 / S-4 BEAM STEEL PLACING DIAGRAM
SCATE: N.T.S.

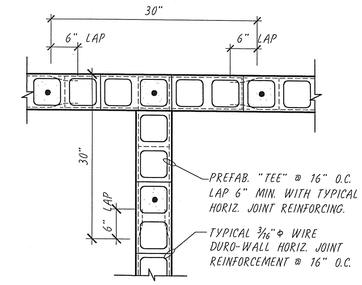


PLAN @ CORNER

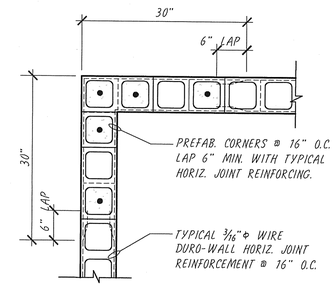
PLAN @ INTERSECTION

NOTES:
1. DETAIL TO BE USED FOR REINFORCEMENT IN WALLS, FOOTINGS, CONCRETE BEAMS AND GRADE BEAMS.
2. ALL CORNER BARS SHALL BE PLACED AT TOP AND BOTTOM OF CONCRETE MEMBERS.

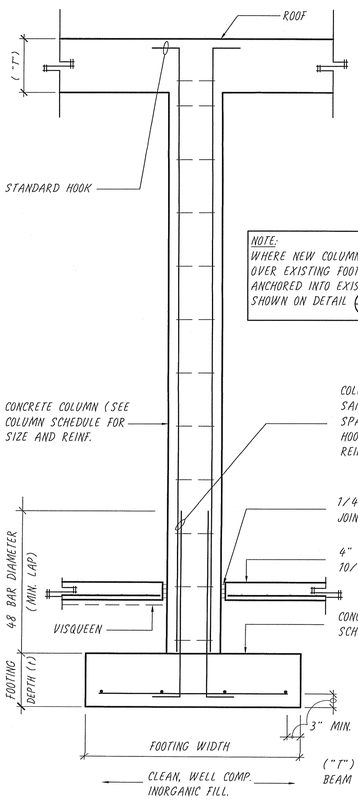
F6 / S-4 REINF. DEVELOPMENT DETAIL
SCALE : 3/4" = 1'-0"



G3 / S-4 TYP. INTERSECTION HORIZ. REINF. DETAIL
SCALE: 3/4" = 1'-0"

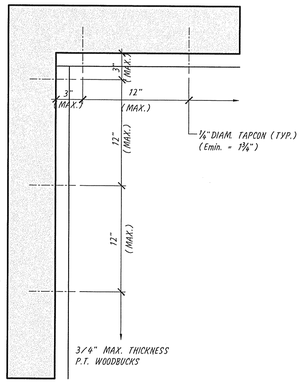


E3 / S-4 TYP. CORNER HORIZ. REINF. DETAIL
SCALE: 3/4" = 1'-0"

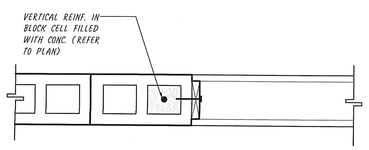


NOTE:
WHERE NEW COLUMN WILL BE PLACED OVER EXISTING FOOTING, PROVIDE DOWELS ANCHORED INTO EXISTING FOOTING AS SHOWN ON DETAIL (A6/S4) THIS SHEET.

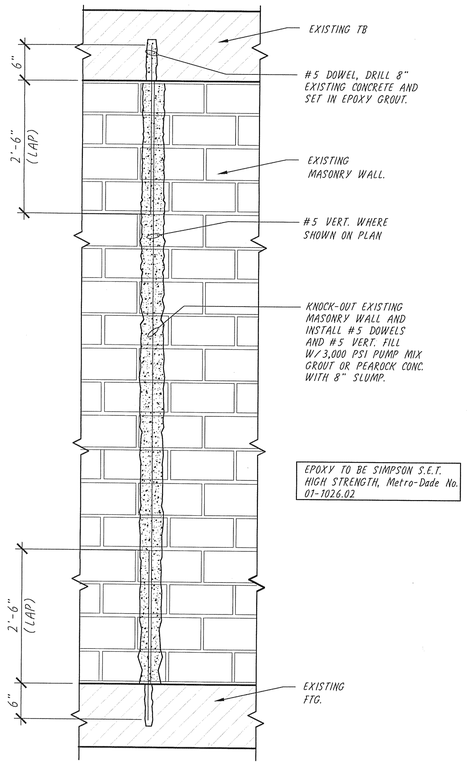
A12 / S-4 TYPICAL COLUMN TO FOOTING CONN. DETAIL
SCATE: N.T.S.



** NOTE:
WINDOW BUCK SHALL BE SIZED AS PER WINDOW MANUF. NOTICE OF ACCEPTANCE

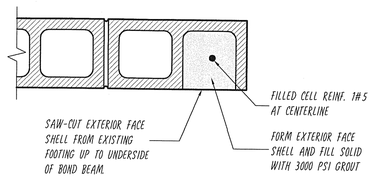


A9 / S-4 DOOR/WINDOW BUCK DETAIL
SCALE : 1" = 1'-0"

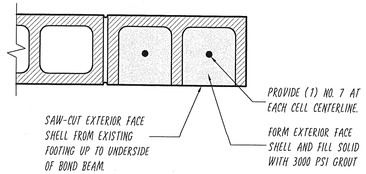


EPOXY TO BE SIMPSON S.E.T. HIGH STRENGTH, Metro-Dade No. 01-1026.02

A6 / S-4 TYP. TIE DOWN DETAIL AT EXISTING WALL
N.T.S.



C3 / S-4 SINGLE TIE DOWN DETAIL @ EXTG WALL
SCALE: 3/4" = 1'-0"



A3 / S-4 DOUBLE TIE DOWN DETAIL @ EXTG. WALL
SCALE: 3/4" = 1'-0"

TO THE BEST OF MY KNOWLEDGE THESE PLANS CONFORM TO THE STRUCTURAL REQUIREMENTS OF THE 2010 FLORIDA RESIDENTIAL BUILDING CODE, INCLUDING SUBSEQUENT REVISIONS, INCLUDING SECTIONS PERTAINING TO WIND.

A. JACK MESSULAM, PE
FL. P.E. #12328
CONSULTING ENGINEER
TEL: 305-665-5032
3121 GRIGNON DRIVE, CORAL GABLES, FLORIDA 33146

12/14/12

Note

The above drawings, designs, and ideas are the property of Pedro G. Suarez, R.A. No part thereof shall be copied, disclosed to others, or used in connection with any work other than for the specific project for which they have been prepared, without the written consent of Pedro G. Suarez, R.A.

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Commission No.	1203
Date	06/20/12
Drawn	PS
Checked	AJM
Revisions	
1	By
2	By
3	By
4	By
5	By

Project Title
RAMOS RESIDENCE
PROPOSED ADDITION
13328 S.W. 112TH COURT
MIAMI, FLORIDA 33176

Sheet No. S-4 of 5

Miami Dade County Department of Regulatory And Economic Resources
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Examiner Date Time Stamp Disp. Trade Stamp Name
Jeanne Clarke 12/19/2012 12:22:58 PM A STRU Approved