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DELRAY BEACH CRA DEVELOPMENT



CRA DEVELOPMENT  
 NEW BUILDING

95 SW 5TH AVE  
 DELRAY BEACH, FL 33483

Key Plan:

1 RFI #2 10/6/22

Date: 01-05-2022

S+A Project No.: 18069

Owner Project No.:

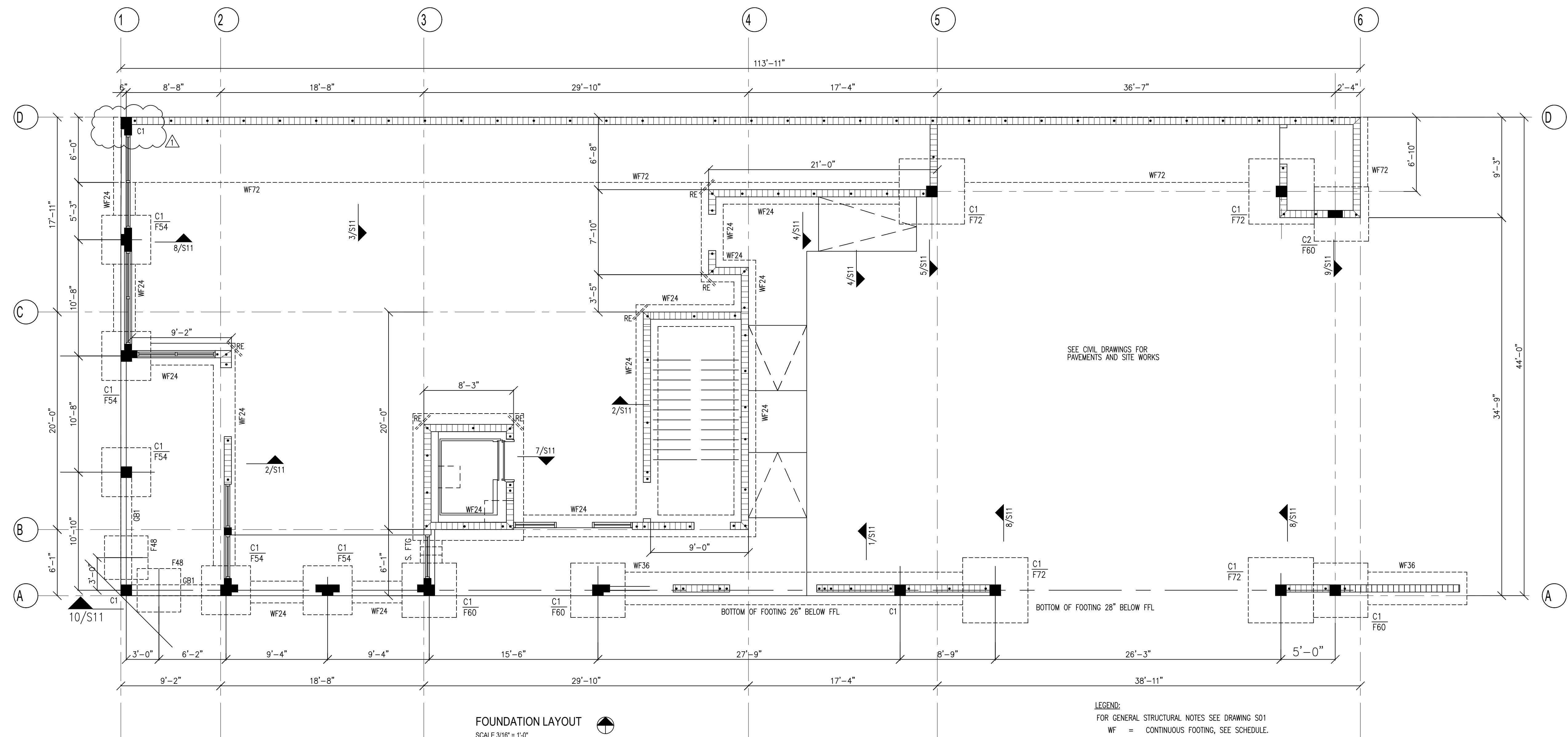
Drawn By:

Checked By:

Phase:  
 100% CONSTRUCTION DOCUMENTS

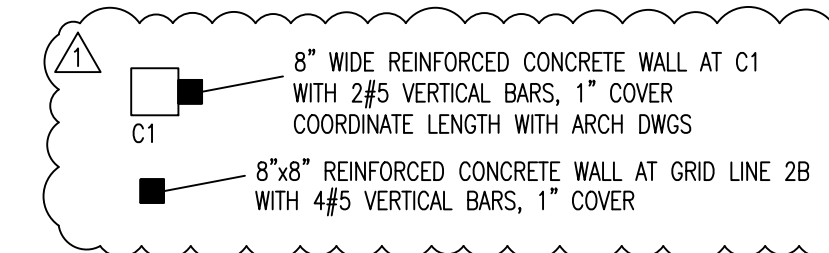
Sheet Title:  
 FOUNDATION LAYOUT

Sheet #:



FOUNDATION LAYOUT  
 SCALE 3/16" = 1'-0"

- LEGEND:  
 FOR GENERAL STRUCTURAL NOTES SEE DRAWING S01  
 WF = CONTINUOUS FOOTING, SEE SCHEDULE.  
 C1, C2 CONCRETE COLUMNS  
 GB1 12"x20" DEEP GRADE BEAM, 6#8T, 3#8B, #3 STIRRUPS AT 6" O.C.  
 S. FTG STEPPED FOOTING  
 TOP TOP OF FOOTING  
 BOF BOTTOM OF FOOTING  
 CJ CONTROL JOINT IN SLAB  
 RE = RE-ENTRANT BARS: 2#4 x 6'-0" LONG AT MIDDLE OF SLAB SECTION  
 REINFORCED MASONRY WALL



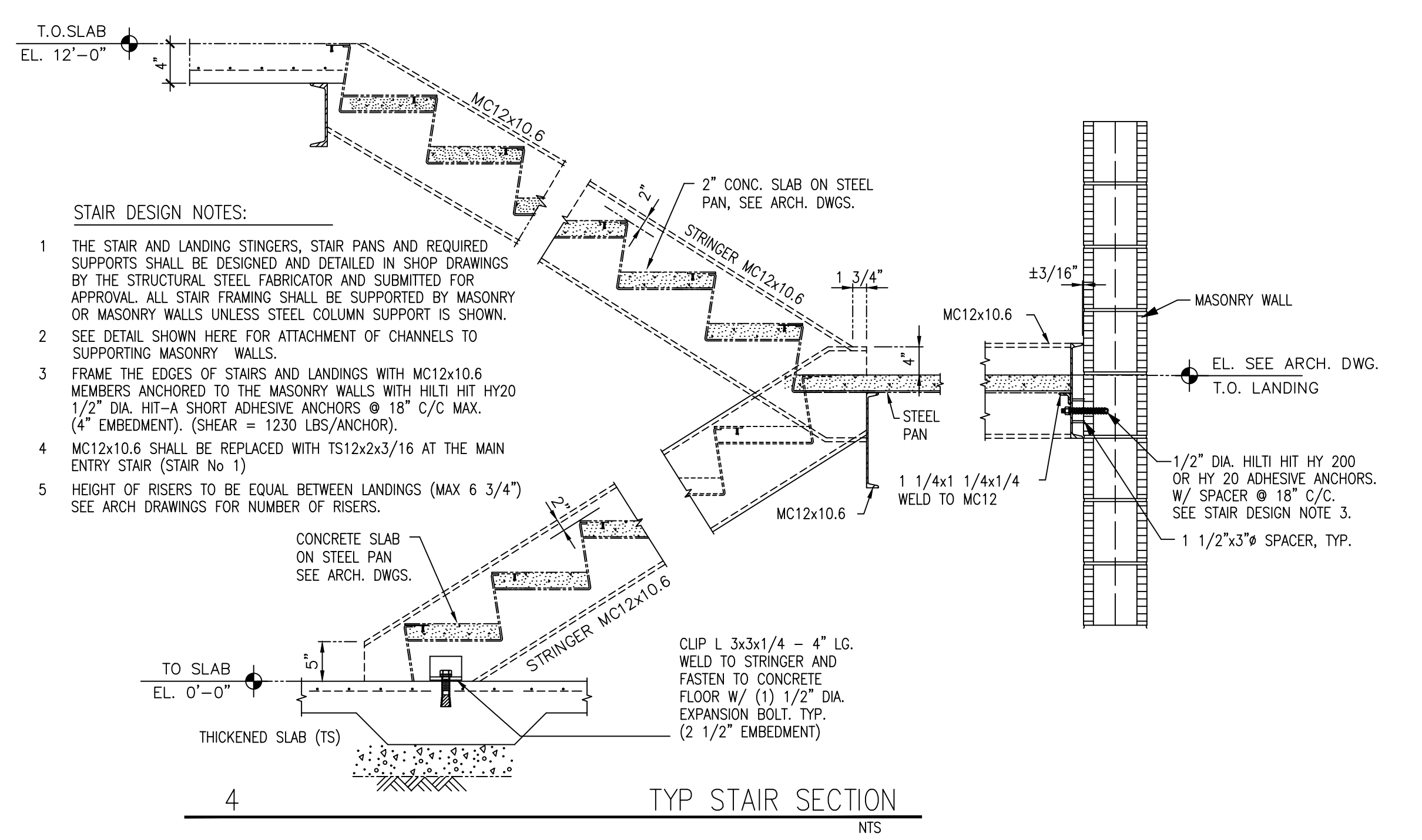
CONT. WALL FOOTING SCHEDULE		
MARK	FOOTING SIZE WxD	REINFORCING
WF24	2'-0"x12" CONT.	3-#5 L.W. CONT. + #5 @ 15" S.W. BOT.
WF36	6'-0"x12" CONT.	4-#5 L.W. CONT. + #5 @ 12" S.W. BOT.
WF72	6'-0"x16" CONT.	7-#5 L.W. CONT. + #5 @ 12" S.W. T&B

SPREAD FOOTING SCHEDULE				2500 PSF
MARK	FOOTING SIZE	REINFORCING	REMARKS	
F36	NOT USED			
F48	4'-0"x4'-0"x12"	5#5 BOT. E.W.		
F54	4'-6"x4'-6"x12"	5#5 BOT. E.W.		
F60	5'-0"x5'-0"x13"	7#4 BOT. E.W.		
F72	6'-0"x6'-0"x14"	7#5 BOT. E.W.		

TOP OF FOOTINGS SHALL BE 12" BELOW GRADE OR FFL

CONCRETE COLUMN SCHEDULE				
MARK	SIZE	MAIN (VERTICAL) REINFORCING	#3 TIE SPACING	REMARKS
C1	12" x 12"	4#8	12"	
C2	8" x 16"	6#6	8"	

- FOUNDATION PLAN NOTES:
- ALLOWABLE NET SOIL BEARING CAPACITY = 2500 PSF. THE CONTRACTOR IS TO CONFIRM THIS BEFORE EXCAVATING.
  - A GEOTECHNICAL REPORT SHALL BE PROVIDED BY THE OWNER. A GEOTECHNICAL REPORT SHALL BE PROVIDED BY THE OWNER.
  - SEE S11 FOR TYPICAL FOUNDATION DETAILS. TYPICAL DETAILS MAY NOT BE CUT ON PLANS, BUT APPLY UNLESS OTHERWISE NOTED.
  - F\*\*... ETC INDICATES CONCRETE FOOTING. e.g. F36 INDICATES A FOOTING 36" SQUARE
  - VERIFY BEARING CAPACITY AT BOTTOM OF FOOTING EXCAVATIONS PRIOR TO PLACING CONCRETE. INSPECTOR TO VERIFY AND REPORT PLACEMENT OF REINFORCING STEEL PRIOR TO PLACEMENT OF CONCRETE.
  - REINFORCING AT CORNERS IN FOOTINGS PER DETAIL C/S11 TO MAINTAIN CONTINUOUS REINFORCING.
  - COORDINATE WITH OTHER CONTRACT DOCUMENTS FOR INSTALLATION OF ALL REQUIRED SLEEVES, INSERTS, ETC. UNDER THE CONCRETE FOOTINGS.
  - FOR SLAB ON GRADE DETAILS, SEE A/S11.
  - PROVIDE CONTROL JOINTS IN THE SLAB ON GRADE TO FORM NEAR SQUARE PANELS AS SHOWN.
  - CENTERLINE OF FOOTING TO MATCH CENTERLINE OF COLUMN UNDO
  - MAINTAIN SLAB DEPTH AT SLOPED SLABS.
  - GROUT SOLID MASONRY BELOW FIRST FLOOR F.F.L.



- STAIR DESIGN NOTES:
- THE STAIR AND LANDING STRINGERS, STAIR PANS AND REQUIRED SUPPORTS SHALL BE DESIGNED AND DETAILED IN SHOP DRAWINGS BY THE STRUCTURAL STEEL FABRICATOR AND SUBMITTED FOR APPROVAL. ALL STAIR FRAMING SHALL BE SUPPORTED BY MASONRY OR MASONRY WALLS UNLESS STEEL COLUMN SUPPORT IS SHOWN.
  - SEE DETAIL SHOWN HERE FOR ATTACHMENT OF CHANNELS TO SUPPORTING MASONRY WALLS.
  - FRAME THE EDGES OF STAIRS AND LANDINGS WITH MC12x10.6 MEMBERS ANCHORED TO THE MASONRY WALLS WITH HILTI HIT HY20 1/2" DIA. HIT-A SHORT ADHESIVE ANCHORS @ 18" C/C MAX. (4" EMBEDMENT). (SHEAR = 1230 LBS/ANCHOR).
  - MC12x10.6 SHALL BE REPLACED WITH TS12x2x3/16 AT THE MAIN ENTRY STAIR (STAIR No. 1)
  - HEIGHT OF RISERS TO BE EQUAL BETWEEN LANDINGS (MAX 6 3/4") SEE ARCH DRAWINGS FOR NUMBER OF RISERS.

