

FLOOR PLAN  
1/4" = 1' - 0"

4/21/09

PROJECT NUMBER  
PF09-044  
DRAWN BY  
K.M.  
CHECKED BY  
G.G.

# FLOOR PLAN

BARNEY FEINBERG  
NEW FOUNDATION

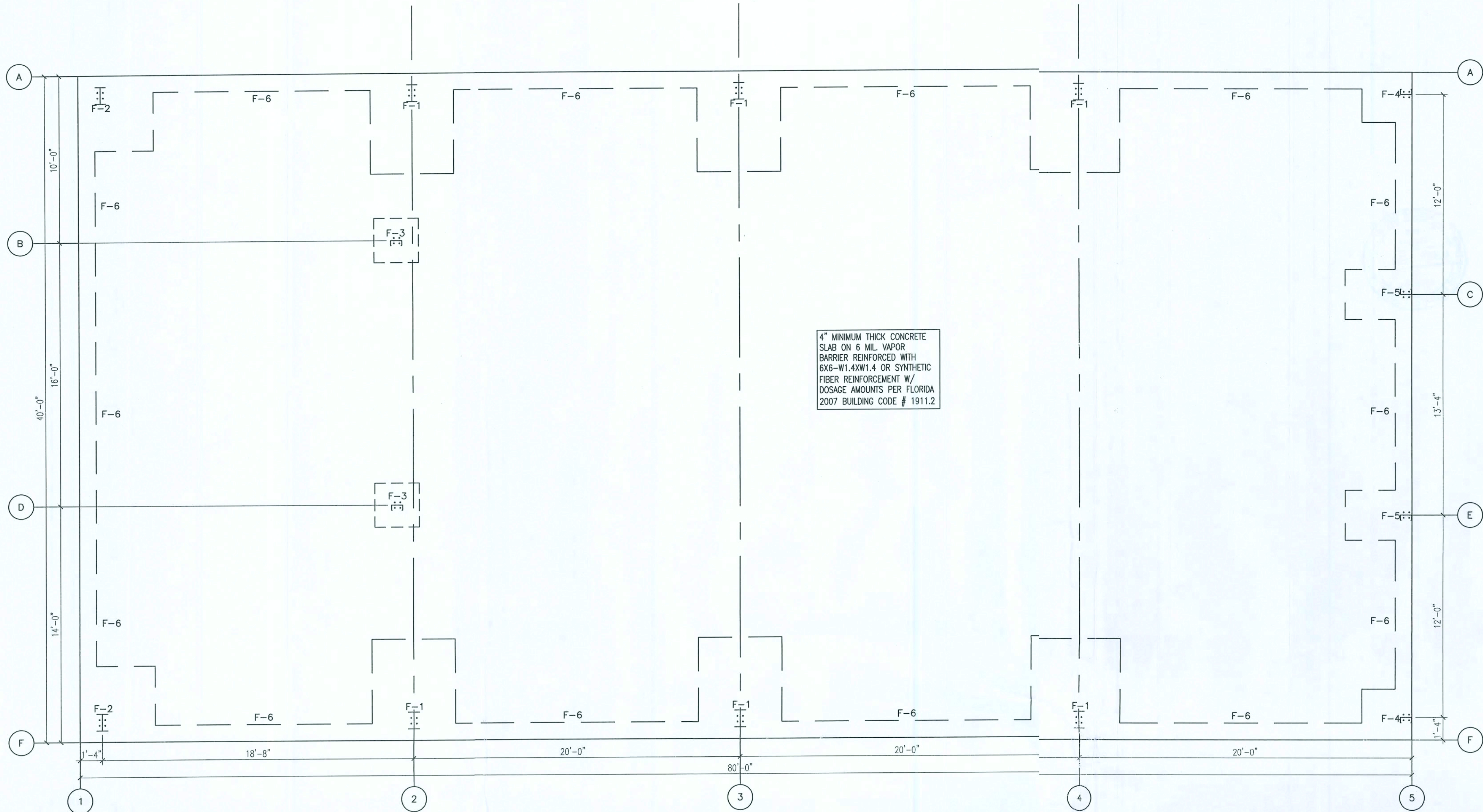


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REV #	DATE	REVISION NOTES
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S-1.0

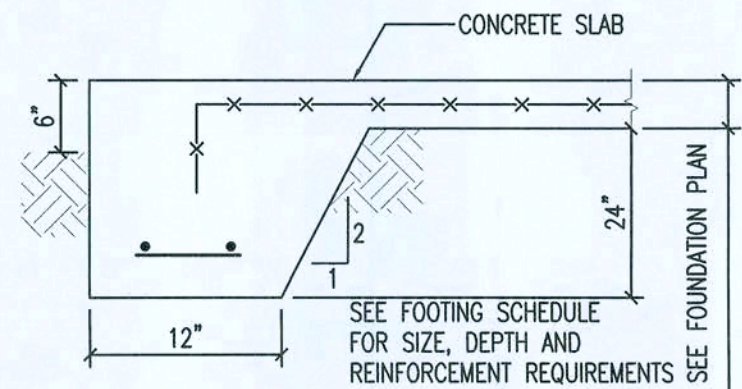
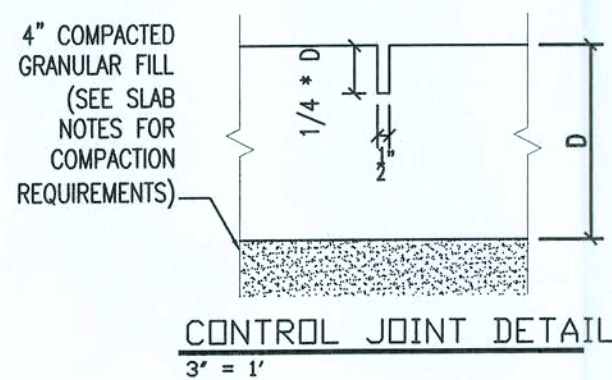
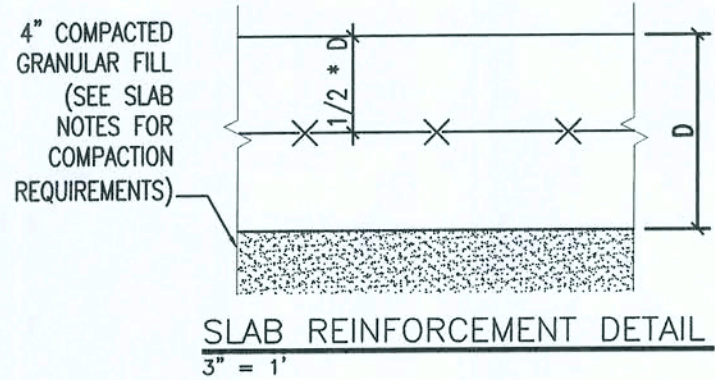




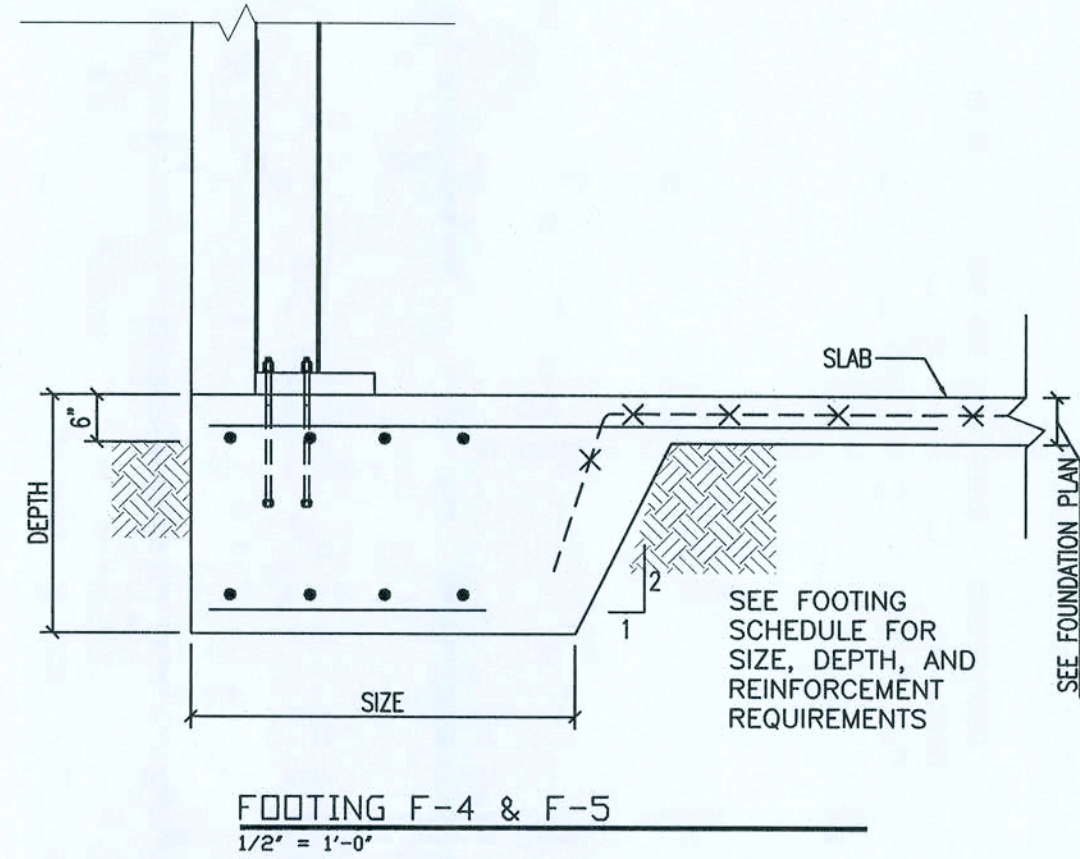
FOUNDATION  
1/4" = 1' - 0"

FOOTING SCHEDULE						
FOOTING MARK	FOOTING DIMENSIONS		BOTTOM REBAR	TOP REBAR	ANCHOR BOLT	
	SIZE	DEPTH			DIAMETER	EMBELEMENT
F-1	5'-0" X 5'-0"	2'-0"	(4) #5 CONT. EA. WAY	(4) #5 CONT. EA. WAY	3/4"	1
F-2	3'-6" X 3'-6"	2'-0"	(3) #5 CONT. EA. WAY	(3) #5 CONT. EA. WAY	3/4"	1
F-3	2'-8" X 2'-8"	2'-0"	(3) #5 CONT. EA. WAY	(3) #5 CONT. EA. WAY	3/4"	1
F-4	2'-0" X 2'-0"	2'-0"	(2) #5 CONT. EA. WAY	(2) #5 CONT. EA. WAY	3/4"	1
F-5	3'-0" X 3'-0"	2'-0"	(3) #5 CONT. EA. WAY	(3) #5 CONT. EA. WAY	3/4"	1
F-6	12" X CONT.	2'-0"	(2) #5 CONT.			

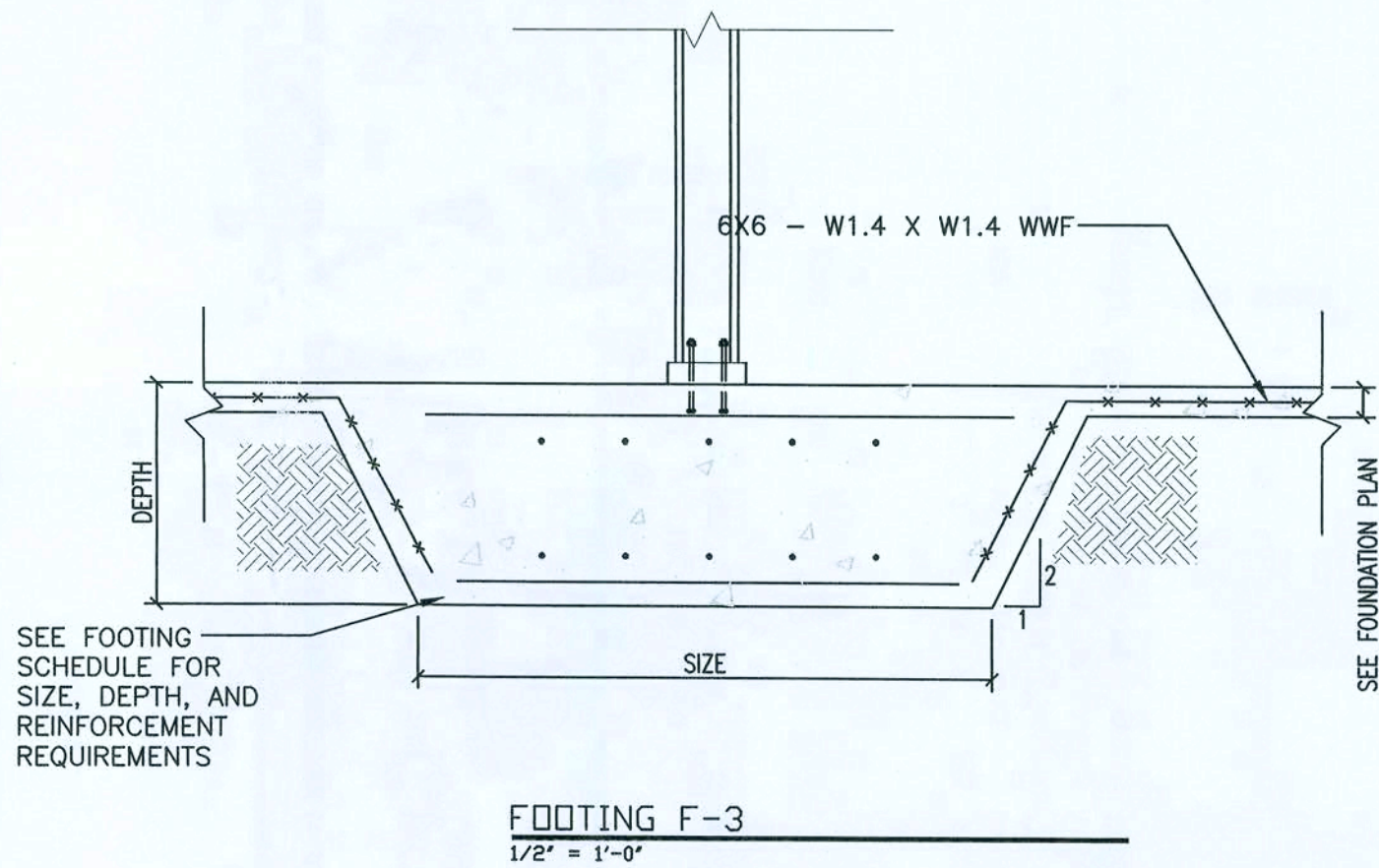
- FOUNDATIONS**  
F-1. ALL FINISHED EXCAVATIONS AND BEARING GRADES SHALL BE INSPECTED AND APPROVED BY THE OWNERS SOIL TESTING AGENCY BEFORE ANY CONCRETE IS PLACED.  
F-2. ALL FOUNDATION WALLS SHALL BE BRACED DURING THE OPERATION OF BACKFILLING AND COMPACTION BRACING SHALL BE LEFT IN POSITION UNTIL PERMANENT RESTRAINTS ARE EFFECTIVE. BACKFILL NO FOUNDATION WALLS UNTIL PERMANENT LATERAL STRUCTURAL SUPPORT SYSTEM IS IN PLACE AND OF ADEQUATE STRENGTH TO WITHSTAND THE APPLIED LATERAL PRESSURES.  
F-3. LOCATE ALL EXISTING BELOW GRADE UTILITIES. PROVIDE UTILITIES WITH POSITIVE PROTECTION AGAINST DAMAGE DUE TO SETTLEMENT AND CONSTRUCTION OPERATIONS.  
F-4. ALL FOOTING SUBGRADES, AS REQUIRED, AND ALL SLAB SUBGRADES SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT BASED ON LABORATORY DESIGNATION ASTM D1557.
- CONCRETE**  
C-1. ALL CONCRETE SHALL BE CONTROLLED CONCRETE.  
C-2. CONCRETE SHALL HAVE THE FOLLOWING MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS:  
A. FOUNDATION WALLS, PIERS AND FOOTINGS.....3000 PSI  
B. SLABS ON GRADE.....3000 PSI  
C. ALL OTHER CONCRETE.....3000 PSI  
C-3. ALL CONCRETE SHALL BE NORMAL WEIGHT CONCRETE WITH A NOMINAL AIR DRY DENSITY OF 145 PCF.  
C-4. PROVIDE CONSTRUCTION JOINTS WHERE SHOWN. OMIT NONE AND ADD NONE WITHOUT WRITTEN APPROVAL FROM THE ARCHITECT/ENGINEER. SUBMIT DRAWINGS SHOWING ALL PROPOSED CONSTRUCTION JOINT LOCATIONS FOR APPROVAL PRIOR TO PREPARATION OF AFFECTED REINFORCEMENT SHOP DRAWINGS.  
C-5. MINIMUM ELAPSED TIME BETWEEN ADJACENT CONCRETE PLACEMENTS SHALL BE 48 HRS.  
C-6. CONCRETE MIX DESIGN FOR EACH TYPE AND STRENGTH OF CONCRETE SPECIFIED SHALL BE SUBMITTED FOR ARCHITECT /ENGINEER REVIEW 30 DAYS PRIOR TO PLACEMENT OF CONCRETE.
- REINFORCING**  
R-1. ALL BAR REINFORCEMENT SHALL CONFORM TO ASTM 615 GRADE 60.  
R-2. WELDED WIRE FABRIC REINFORCEMENT SHALL CONFORM TO ASTM A185.  
R-3. CLEARANCE OF MAIN REINFORCEMENT FROM ADJACENT SURFACES SHALL CONFORM TO THE FOLLOWING (UNLESS OTHERWISE SHOWN IN DETAIL):  
A. UNFORMED SURFACES IN CONTACT WITH GROUND (FOOTING OR WALL BOTTOM) .....3"  
B. SLABS ON GRADE.....2 1/2"  
C. FORMED SURFACE IN CONTACT WITH GROUND OR EXPOSED TO WEATHER (WALLS, PIERS).....2"  
D. IN ALL CASES, CLEARANCE NOT LESS THAN DIAMETER OF BARS.  
NOTE: MAXIMUM DEVIATION FROM THESE REQUIREMENTS SHALL BE + 1/4" FOR SECTIONS 10" OR LESS AND + 1/2" FOR SECTIONS OVER 10" THICK.  
R-4. REINFORCEMENT SHALL BE CONTINUOUS THROUGH ALL CONSTRUCTION JOINTS UNLESS OTHERWISE INDICATED ON DRAWINGS.  
R-5. WHERE REINFORCEMENT IS NOT SHOWN ON DRAWINGS, PROVIDE REINFORCEMENT IN ACCORDANCE WITH APPLICABLE TYPICAL DETAILS OR SIMILAR TO THAT SHOWN FOR MOST NEARLY SIMILAR SITUATIONS, AS DETERMINED BY THE ARCHITECT/ENGINEER. IN NO CASE SHALL REINFORCEMENT BE LESS THAN MINIMUM PERMITTED BY APPLICABLE CODES.  
R-6. ALL WORKMANSHIP AND MATERIAL SHALL CONFORM TO THE "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" (ACI-315).  
R-7. ALL REINFORCEMENT SHALL BE INSPECTED AND APPROVED BY THE ARCHITECT/ENGINEER OR OWNER TESTING AGENCY BEFORE CONCRETE IS PLACED.  
R-8. WHERE CONTINUOUS BARS ARE CALLED FOR THEY SHALL BE RUN CONTINUOUSLY AROUND CORNERS, LAPPED AT NECESSARY SPLICES AND HOOKED AT DISCONTINUOUS ENDS.  
R-9. WELDED WIRE FABRIC SHALL BE LAPPED ONE FULL MESH PANEL OR 6" MINIMUM.  
R-10. ALL REINFORCING SPLICES SHALL CONFORM TO THE TABLE(S) PROVIDED IN THE GENERAL NOTES FOR STRENGTH OF CONCRETE BUT IN NO CASE LESS THAN THE REQUIREMENTS OF THE LATEST EDITION OF ACI-318.  
R-11. SLABS AND WALLS SHALL NOT BE SLEEVED OR BOXED OUT OR HAVE THEIR REINFORCING INTERRUPTED EXCEPT AS SPECIFICALLY NOTED ON THE DRAWINGS. PROVIDE ADDITIONAL REINFORCEMENT AROUND OPENINGS AS SHOWN IN THE DETAILS.  
R-12. SUBMIT CHECKED SHOP DRAWINGS TO THE ARCHITECT/ENGINEER FOR REVIEW PRIOR TO FABRICATION OF REINFORCING. DRAWINGS SHALL SHOW REINFORCING DETAILS, INCLUDING SIZE AND SPACING OF BARS AND SUPPORT DETAILS. SHOP DRAWINGS SHALL INDICATE CONSTRUCTION JOINTS, CURBS, DEPRESSIONS, SLEEVES AND OPENINGS, ETC. WITH ALL ADDITIONAL REINFORCING REQUIRED.  
R-13. BAR SUPPORTS SHALL BE GALVANIZED OR STAINLESS STEEL. BAR SUPPORTS IN CONTACT WITH EXPOSE SURFACES SHALL BE GALVANIZED AND PLASTIC TIPPED.



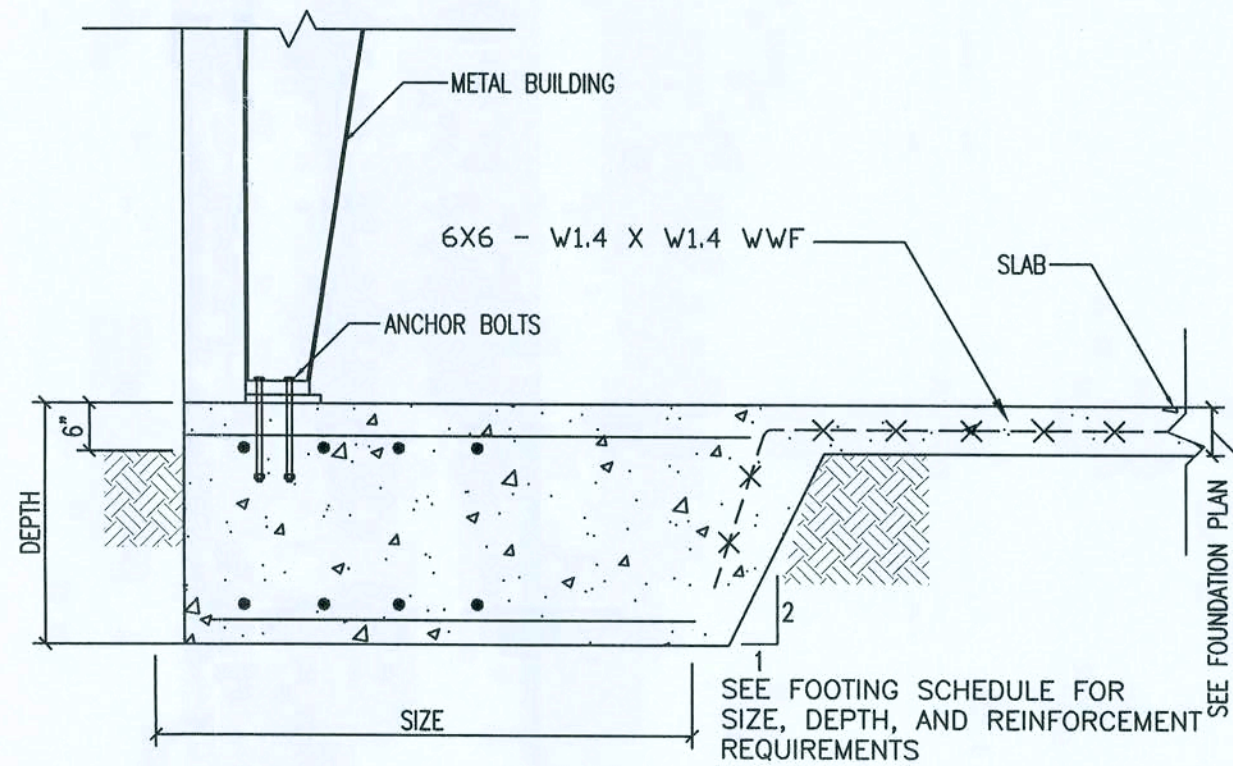
FOOTING F-6  
3/4" = 1' - 0"



FOOTING F-4 & F-5  
1/2" = 1' - 0"



FOOTING F-3  
1/2" = 1' - 0"



FOOTING F-1 & F-2  
1/2" = 1' - 0"

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**STRUCTURAL CIVIL ENGINEERS**

BARNEY FEINBERG  
NEW FOUNDATION

FOUNDATION

PROJECT NUMBER	PF09-044
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CHECKED BY	G.G.

S-2.0

SHEET -