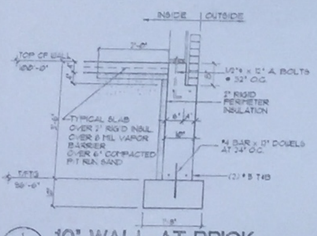
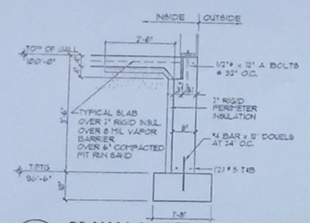


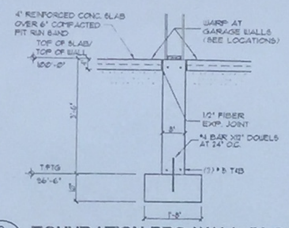
1/A2 10" WALL AT BRICK

SCALE: 1/2" = 1'-0"



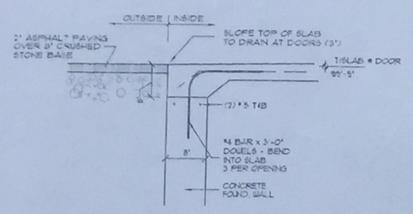
2/A2 8" WALL AT SIDING

SCALE: 1/2" = 1'-0"



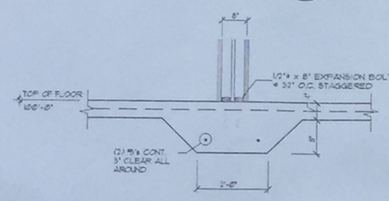
3/A2 FOUNDATION BRG WALL IN GARAGE

SCALE: 1/2" = 1'-0"



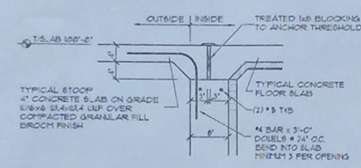
4/A2 WALL AT GARAGE DOOR

SCALE: 3/4" = 1'-0"



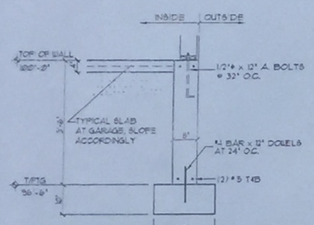
5/A2 THICKENED SLAB

SCALE: 1/2" = 1'-0"



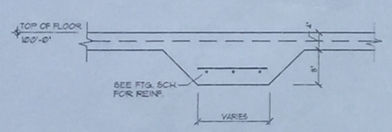
6/A2 STOOP @ FROST WALL (ENTRY DOOR)

SCALE: 3/4" = 1'-0"



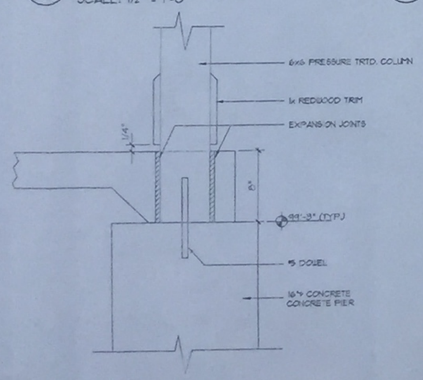
7/A2 8" WALL AT GARAGE

SCALE: 1/2" = 1'-0"



8/A2 THICKENED SLAB @ WOOD COLUMNS

SCALE: 1/2" = 1'-0"



9/A2 COLUMN FOOTING

1 1/2" = 1'-0"

REINFORCING NOTES

1. REINFORCING SHALL BE DETAILED IN ACCORDANCE WITH ACI 315-74.
2. ALL LAPS SHALL BE CLASS "C" UNLESS OTHERWISE NOTED ON THE DESIGN DRAWINGS OR UNLESS THE DETAILER TAKES SPECIAL CARE TO PROVIDE STAGGERED LAPS. USE TOP BAR LAP LENGTHS FOR ALL HORIZONTAL WALL BARS AND FOR TOP BARS IN SLABS AND BEAMS OVER 12" DEEP.
3. LAP LENGTH SHALL BE SPECIFICALLY NOTED ON PLACING DRAWINGS WHERE MORE THAN ONE BAR MAKES UP A CONTINUOUS STRING.
4. CORNER BARS WITH CLASS "C" LAPS SHALL BE PROVIDED AT WALL CORNERS AND INTERSECTIONS PER ACI 318-74 FIGURE 7-9, EXCLUDING TOP CENTER DETAIL.
5. HORIZONTAL BARS EXCEPT FOR CONTINUOUS STRINGS FROM ONE CORNER OR OPENING TO ANOTHER, SHALL BE DETAILED TO SHOW THE DISTANCE FROM AT LEAST ONE END OF THE BAR TO THE NEAREST BUILDING GRID LINE OR WALL.
6. WELDED WIRE FABRIC SHALL BE LAPPED AND/OR ANCHORED TO DEVELOP f_y PER ACI 318-74.

DESIGN STRESSES

CAST IN PLACE CONCRETE

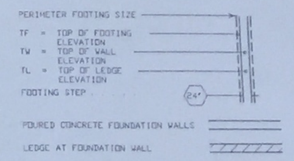
FOOTINGS	f'c = 3000 psi
INTERIOR SLAB ON GRADE	f'c = 4000 psi
EXTERIOR FLATWORK	f'c = 4000 psi
OTHER	f'c = 3000 psi
REINFORCING STEEL	Fy = 60000 psi
WELDED WIRE FABRIC	Fy = 65000 psi

STRUCTURAL STEEL

TUBE STEEL	Fy = 46000 psi (ASTM A500)
OTHER	Fy = 36000 psi (ASTM A36)

WELDING ELECTRODES E70XX

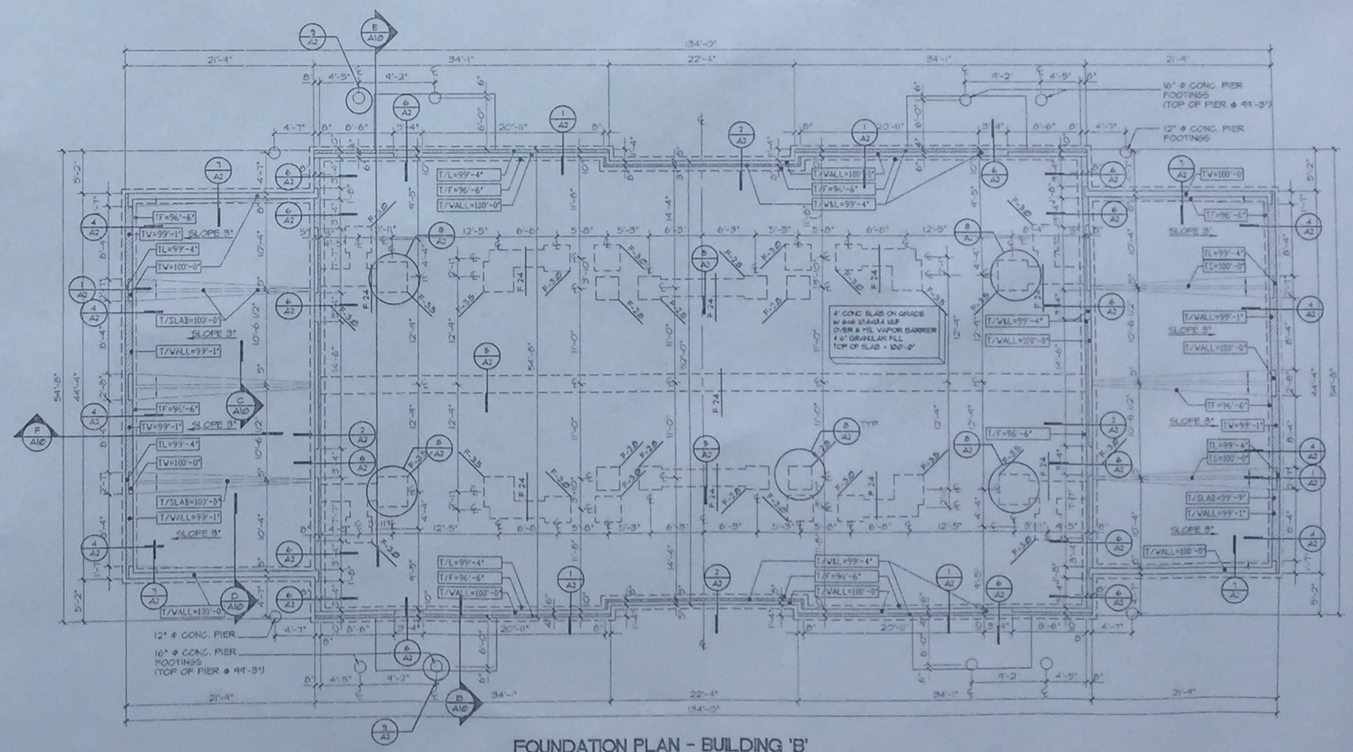
SOIL BEARING PRESSURE (PRESUMED) 3000 P.S.F.



FOOTING SCHEDULE		
MARK	SIZE	REINFORCING
F-2.5	2'-5" x 2'-5" x 12"	3 - #4 BARS EACH WAY
F-3.0	3'-0" x 3'-0" x 12"	4 - #4 BARS EACH WAY
F-3.5	3'-6" x 3'-6" x 12"	5 - #4 BARS EACH WAY
F-4.0	4'-0" x 4'-0" x 12"	6 - #4 BARS EACH WAY
F 24	2'-0" WIDE x 12"	2 - #5 BARS LONG
TYP. WALL FOOTING	2'0" WIDE x 10"	

NOTE:

1. COORDINATE FLOOR DRAIN LOCATIONS WITH PLUMBING CONTRACTOR.
2. COLUMN FOOTINGS AT WALL ENDS ARE NOT ALWAYS CENTERED ON COLUMNS - SEE FOUNDATION PLAN FOR DIMENSION OFFSETS AT AFFECTED COLUMNS.



FOUNDATION PLAN - BUILDING 'B'

1/8" = 1'-0"

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PROJECT:
SUNSET DRIVE APARTMENTS
SUNSET DRIVE
MILTON, WISCONSIN

CLIENT:
MIRKWOOD DEVELOPMENT, INC.
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PROJECT:	9746
CAD\FILE:	A2-9746
DRAWN BY:	TB
DATE:	05/15/98

A2