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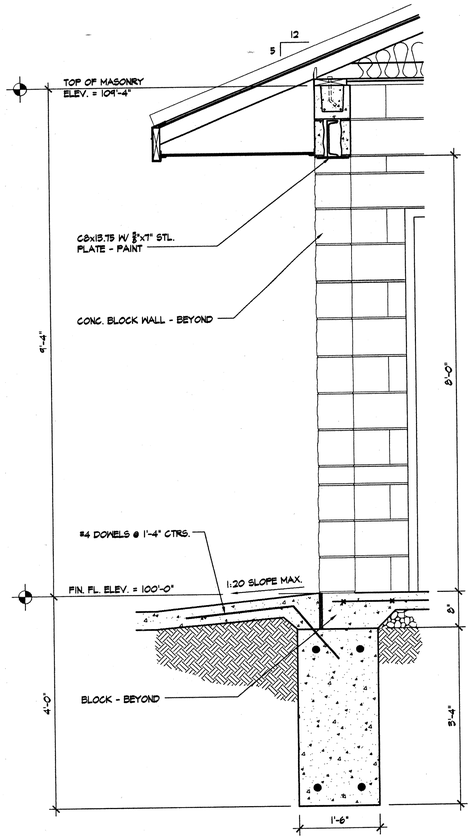
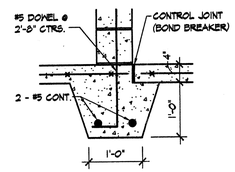
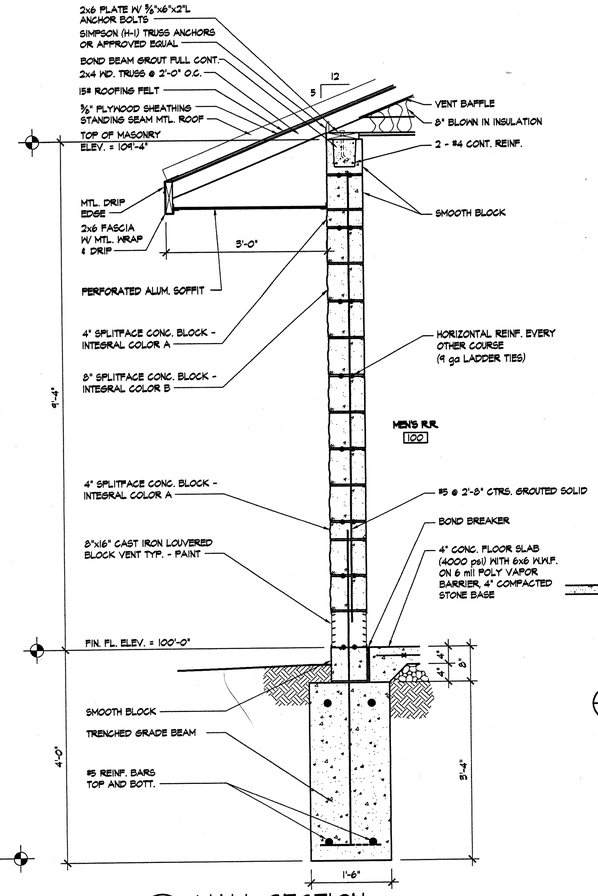


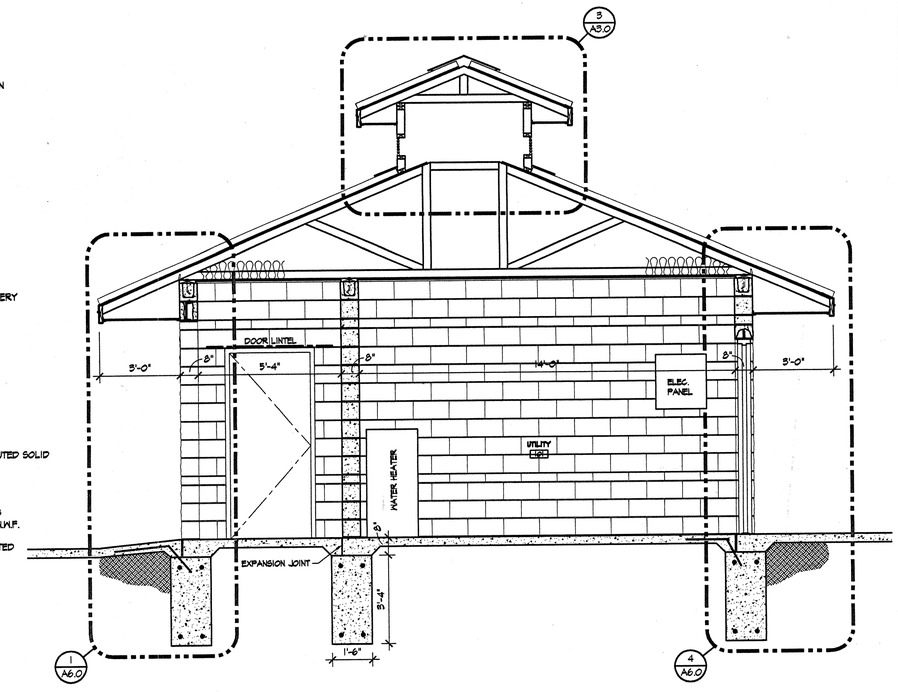
1 A6.0 WALL SECTION
SCALE: 3/4" = 1'-0"



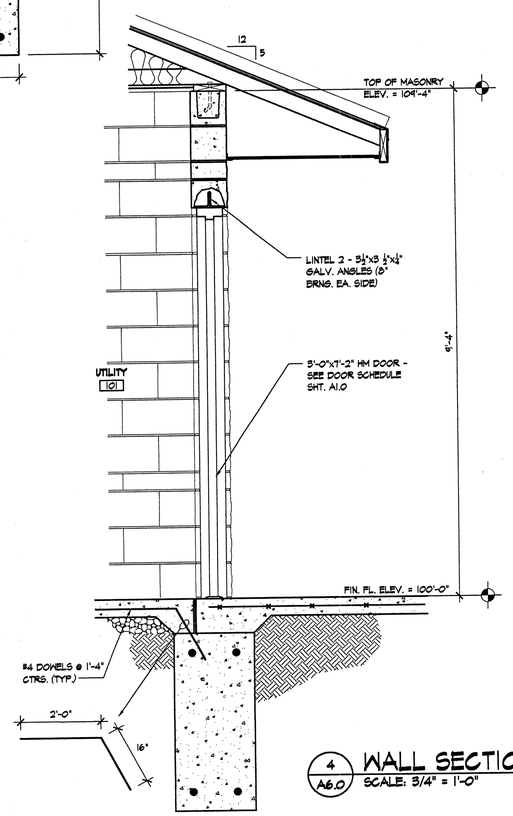
6 A6.0 FOOTING DETAIL
SCALE: 3/4" = 1'-0"



2 A6.0 WALL SECTION
SCALE: 3/4" = 1'-0"



3 A6.0 BUILDING SECTION
SCALE: 3/8" = 1'-0"



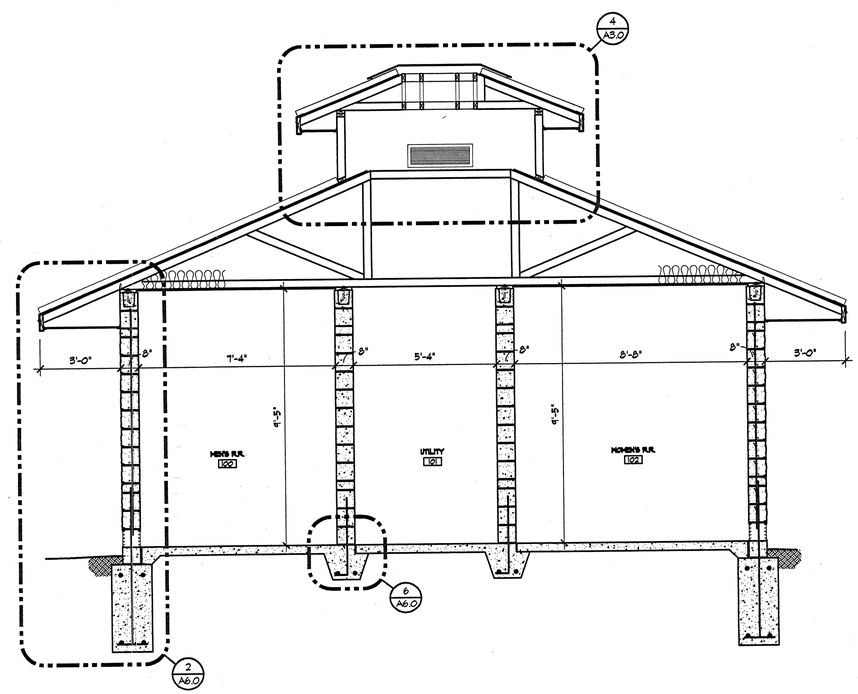
4 A6.0 WALL SECTION
SCALE: 3/4" = 1'-0"

STRUCTURAL NOTES:

1. REINFORCED CONCRETE DESIGN AND CONSTRUCTION TO CONFORM TO A.C.I. 318-83. TO BE MINIMUM OF 4000 psi CONCRETE STRENGTH AT 28 DAYS FOR FOOTING, GRADE BEAMS, AND ALL INTERIOR FLOOR SLABS, EXTERIOR SLABS AND CURBS.
2. ALL CONCRETE REINFORCING REBAR SHALL CONFORM TO ASTM A615 GRADE 60 (DEFORMED)
3. REINFORCING STEEL DETAILS PER A.C.I. MANUAL LAP BAR SPLICES 30 DIAMETERS 2'-0" MIN. LAP MESH ONE FULL WIRE SPACE BOTH ENDS AND SIDES UNLESS OTHERWISE SHOWN.
4. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185
5. ALL FILL AND BACKFILL UNDER SLABS ON GRADE TO BE THOROUGHLY COMPACTED BY MECHANICAL MEANS TO ATTAIN 95% MINIMUM COMPACTION AS MEASURED BY STANDARD PROCTOR TEST ASTM C-698-70.
6. FOOTINGS ARE SIZED BASED ON AN ASSUMED ALLOWABLE SOIL BEARING PRESSURE OF 1600 psf (ACTUAL SOIL BEARING PRESSURE SHALL BE DETERMINED BY ACCEPTABLE FIELD TESTS AND THE ARCHITECT/ENGINEER SHALL BE INFORMED ON THE RESULTS)
7. NO OPENING SHALL BE PLACED IN ANY STRUCTURAL MEMBER UNTIL THE LOCATION HAS BEEN APPROVED BY THE ARCHITECT. PROVIDE SLEEVES OR BOXES FOR ALL PIPING DUCTS WHICH PENETRATE FOOTINGS, SLABS, WALLS, ETC. PRIOR TO THE POURING OF CONCRETE.
8. ALL STEEL FABRICATION AND ERECTION SHALL COMPLY WITH A.I.S.C. SPECIFICATION FOR DESIGN AND INSTALLATION. STRUCTURAL STEEL TO BE ASTM A-36 Fy 36,000 psi
9. PROVIDE 24"x12" LONG #4 DOWELS OUT @ 24" O.C. AT EXTERIOR DOOR OPENINGS IN ORDER TO TIE EXTERIOR SLABS TO FOUNDATION WALL TO PREVENT EXTERIOR SLAB FROM HEAVING AND OR SETTLING. GREASE EXTERIOR PORTION OF REBAR TO ALLOW FOR EXPANSION AND CONTRACTION OF EXTERIOR SLAB.

ROOF TRUSS LOADING

(SNOW) LOAD - 30 psf
DEAD LOAD - 15 psf
BOTTOM CHORD LOAD - 8 psf
WIND LOAD - 16 psf



5 A6.0 BUILDING SECTION
SCALE: 3/8" = 1'-0"

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CITY OF ALTON
PIASA PARK-PHASE 1
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SHEET 6	OF 6