

REVISED

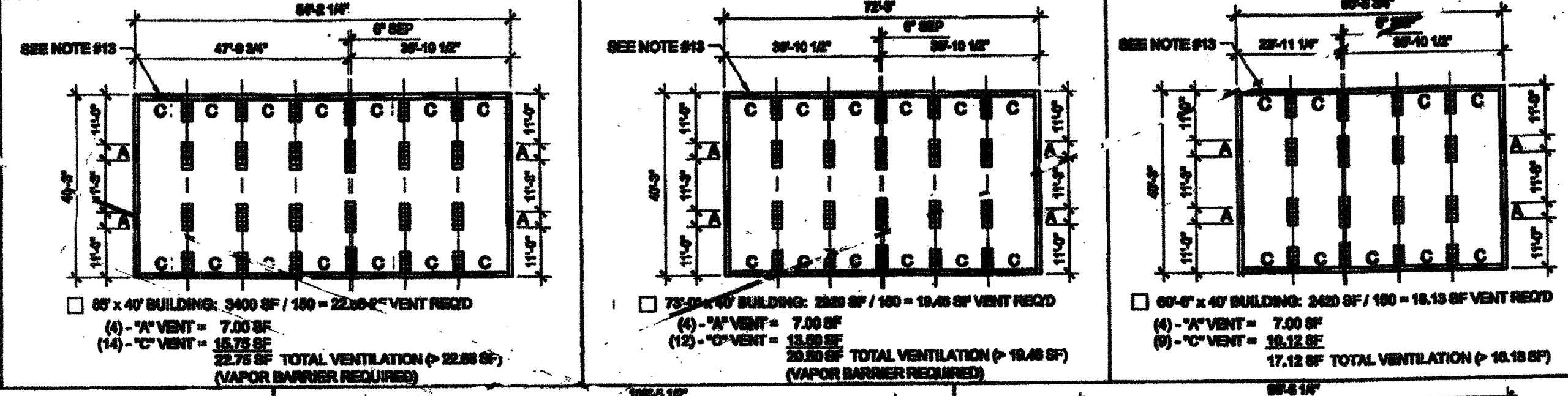
NOTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

04 113892

AG FLS 38

DATE FEB 26 2015

KEY PLAN VENTING CALCULATIONS w/o PARAPET



WOOD FOUNDATION PLATE SCHEDULE

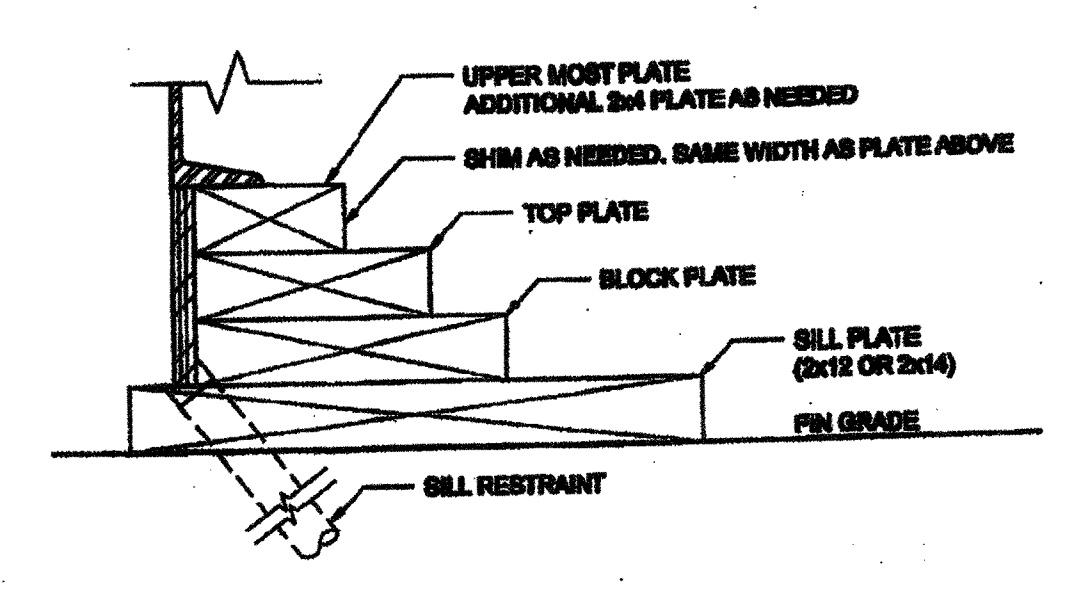
50 + 15 PSF

PLATES	END WALL	SIDE WALL	MODLINE PAD AT END WALL	MODLINE PAD AT INTERIOR	SEPARATION PAD AT ENDWALL (SEPARATE BLDG)	SEPARATION PAD AT INTERIOR (ONE BLDG)
ADDITIONAL (AS NEEDED)	2x4	2x4	2x6	2x6	(2) ROWS OF 2x6	2x12
TOP	2x6	2x6	2x6	2x6	(2) ROWS OF 2x6	2x12
BLOCK	2x6	2x6	2x10	2x10	(2) ROWS OF 2x6	2x12
SILL	2x12 (2x14) ⁽¹⁾	2x12 (2x14) ⁽²⁾	2x12 x 2'-0"	2x12 x 2'-0"	(2) ROWS OF 2x14	2x12 x 2'-0"

KEY PLAN VENTING SCHEDULE

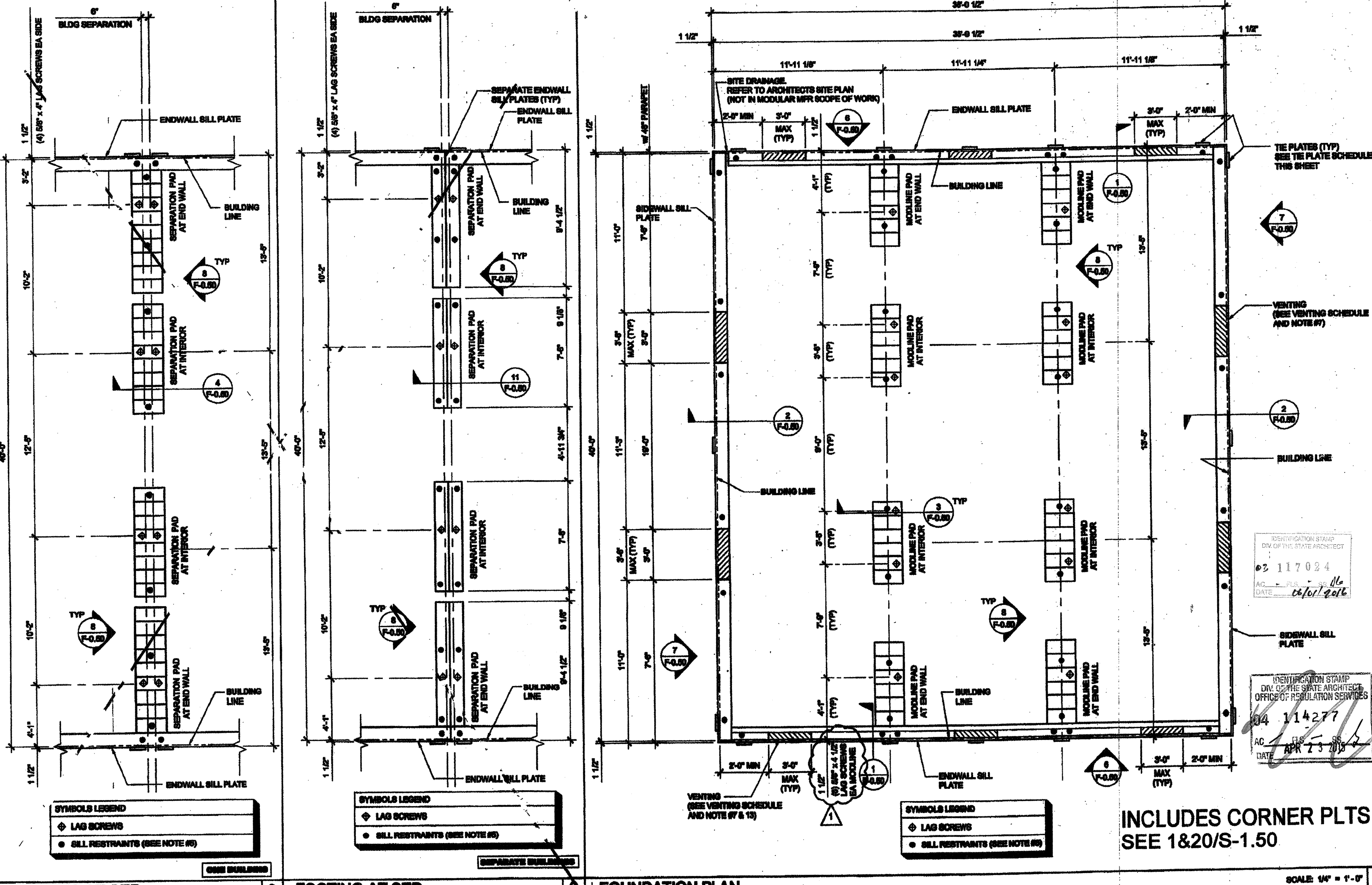
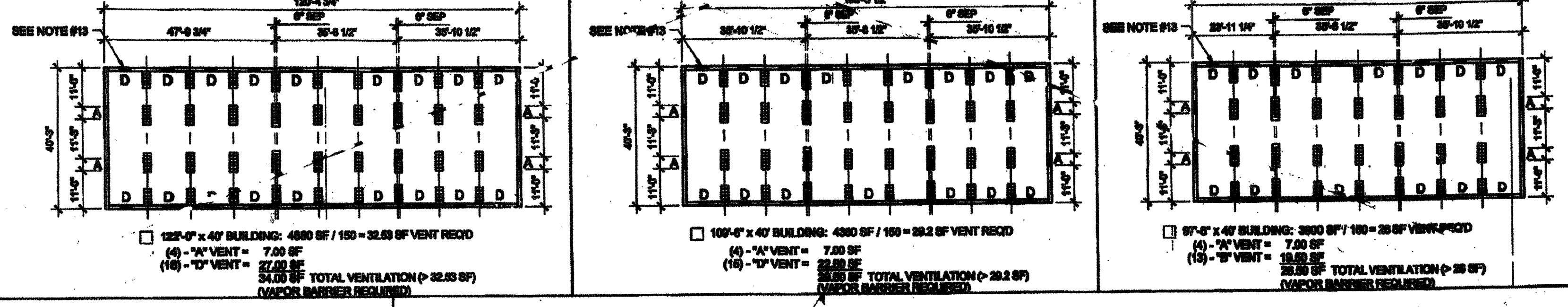
- VENT "A" ENDWALL: 3'-0" x 6" = 1.50 S.F. VENTILATION
 - VENT "B" ENDWALL: 3'-0" x 2" = 0.75 S.F. VENTILATION
 - VENT "C" ENDWALL: 3'-0" x 4 1/2" = 1.25 S.F. VENTILATION
 - VENT "D" ENDWALL: 3'-0" x 6" = 1.50 S.F. VENTILATION
- NOTE:
BUILDINGS WITH PARAPETS UP TO 40" HIGH, SIDE WALL VENTS CHANGE FROM 3'-0" TO 3'-6", SEE VENTING SCHEDULE

FOUNDATION PLATE DESCRIPTION



NOTES

- BUILDINGS OVER 2100 SF, MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION PER 18-1 ITEM 5.
- FOUNDATION PLAN HAS A 1/4" ADDED AT EACH MODULE LINE AND DOES NOT MATCH THE FLOOR PLAN. ADDITIONAL LENGTH ADDED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULAR FLOORS.
- FOUNDATION VENTS THAT OCCUR UNDER RAMP LANDINGS, PROVIDE AN EQUAL AREA OF SCREENED VENT IN LANDING BAY.
- WOOD SILL (FOOTING) PLATES SHALL BE PRESSURE TREATED HEM-FIR AND MAY BE SEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING BY OTHERS. THE WOOD SILL FOOTING PLATE MAY SUPPORT CONTINUOUS BLOCKING AND BRACING WHICH NEED NOT BE TREATED.
- SILL RESTRAINT: THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMP AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES. AN ACCEPTABLE DESIGN WOULD INCORPORATE ONE-INCH DIAMETER STANDARD SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" O.C. ONE PIPE / ROD SHALL BE LOCATED A MINIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES / RODS PER DISCONTINUOUS FOUNDATION STRIP. PIPES SHOULD PENETRATE INTO SOIL. SCHWIMMERT'S DESIGN, WHEN PROVIDED WITH STRUCTURAL CALCULATIONS AND DETAILS, WILL BE SUBMITTED TO DBA FOR REVIEW AND APPROVAL.
- STACKED WOOD MEMBERS FOR FOUNDATIONS AND PRESSURE TREATED LUMBER SHALL BE NAILED WITH HOT DIPPED GALVANIZED PER ASTM A-163.
- VENTILATION OPENINGS SHALL BE COVERED FOR EITHER HEIGHT AND WIDTH WITH CORROSION-RESISTANT WIRE MESH, WITH A CLEAR "THROUGH" DIMENSION NOT EXCEEDING 1/8" ACTING AS A VERMIN BARRIER.
- VENTING CALCULATION REQUIREMENTS FOR MULTIPLE BUILDING SETS MUST BE CALCULATED WITH OVERALL SQUARE FOOTAGE INCLUDING SEPARATION.
- FOR FOUNDATION ANCHORAGE ON CONCRETE PAD, SEE DETAIL 18F040.
- IF OPTIONAL ENDWALL VENTS ARE APPLIED, SILL PLATE AND BLOCK PLATE MUST BE CONTINUOUS. VENT OPENINGS SHALL BE BROKEN ABOVE THE BLOCK PLATE.
- FOR FOUNDATION SLICE - SEE 8F-0.0.
- CRAWLSPACE VAPOR RETARDERS (OPTIONAL): THE OPTIONAL TOTAL AREA OF VENTILATION OPENINGS IS PERMITTED TO BE REDUCED TO 1/1000 FACTOR WITH AN APPROVED VAPOR RETARDER MATERIAL PER CBC SECTION 1203.2.02.
- MATERIALS: GROUND SURFACE COVERED WITH AN APPROVED VAPOR RETARDER MATERIAL; MUST HAVE A PERM RATING OF ONE OR LESS; SHOULD BE CONTINUOUS; POLYETHYLENE FILM (6 MIL); POOL LINER (PUNCTURE RESISTANT); AND POLYETHYLENE FILM WITH PAT SLAM. INSTALLATION RECOMMENDATIONS: OVERLAP JOINTS BY 6 INCHES; TAPE OR SEAL ALL JOINTS; ATTACH VAPOR RETARDER OVER SILL PLATE PER 18F040; SEAL TO ALL PIPES AND OTHER PENETRATIONS.
- ENDWALL VENTS (IF REQD) SHALL BE LOCATED A MIN OF 24" FROM BUILDING CORNERS. MAXIMUM ONE ENDWALL VENT PER 12'-0" MODULE.
- CONCRETE FLOOR LOAD IS INCLUDED IN THE CONCRETE FOUNDATION OPTION FOR FOUNDATION & ANCHORAGE DESIGN, I.E. THERE IS NO CONCRETE FLOOR FOR WOOD FOUNDATION OPTION. THERE IS CONCRETE FLOOR FOR CONCRETE FOUNDATION OPTION.
- HIGHER THAN 1/4" PARAPET COMBINATION REQUIRES A 2 X 14' OR 2 X 12' SILL PLATE @ EXTENSION OF BUILDING.
- 50 PSF FLOOR LINE LOAD OPTION CANNOT BE USED WITH THE STUCCO WALL OR PARAPET OPTION.
- VENTS AT MODLINE FOUNDATIONS: THE MINIMUM CRITERIA REQUIREMENT AS FOLLOWS:
A. VENTS HAVE A MINIMUM OF 2 SILL BLOCKING PLATES BENEATH.
B. VENTS ARE A MINIMUM OF 2' LONG x 3" MIN. HIGH.
C. VENTS ARE SPACED A MINIMUM OF 6" APART (EDGE TO EDGE) AND 24" MIN. FROM CORNERS.



NAILING SCHEDULE

BUILDING SIZE	(2) 1M BOX NAILS
30' x 40'	PLATE TO PLATE ATTACHMENT BELOW UPPER MOST PLATE 7" OC AT ENDWALL - 1/F-0.0 12" OC AT SIDEWALL - 2/F-0.0 12" OC AT SEPARATION - 4/F-0.0

VENTING SCHEDULE

BUILDING SIZE	BUILDING AREA	REQ. VENTING	SIDE VENTING	END VENTING	TOTAL VENTING SUPPLIED
30' x 40'	1440 SF	8.8 SF (1/100)	3'-0" x 6" = (6) 1.50 SF (9.0 SF TOTAL)	3'-0" x 2" = (2) 0.75 SF (1.5 SF TOTAL)	10 SF SEE NOTE #8
30' x 40'	1440 SF	8.8 SF (1/100)	3'-0" x 6" = (6) 1.50 SF (9.0 SF TOTAL)	3'-0" x 2" = (2) 0.75 SF (1.5 SF TOTAL)	10 SF SEE NOTE #8

TIE PLATE SCHEDULE

BUILDING SIZE	SIDE WALL TIE PLATES	END WALL TIE PLATES	TOTAL NUMBER OF PLATES
30' x 40'	3	6	9

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SILVER CREEK INDUSTRIES, INC.

BUILDING FOR THE NEXT GENERATION

195 EAST MORGAN FERRIS, CALIFORNIA 92571
PHONE: 951-948-8200 FAX: 951-948-2211

PROJECT NAME: **CLASS LEASING CLASSROOM BLDG'S**

SHEET TITLE: **WOOD FOUNDATION PLAN 36x40 (50+15 PSF)**

REGISTERED ARCHITECT

04 113892

AG FLS 38

DATE FEB 26 2015

ARCHITECT OF RECORD

REGISTERED ARCHITECT

04 113892

AG FLS 38

DATE FEB 26 2015

PROVIDE SPECIFIC STATE AGENCY APPROVAL

REGISTERED ARCHITECT

04 113892

AG FLS 38

DATE APR 04 2015

ORIGINAL PC STATE AGENCY APPROVAL

REGISTERED ARCHITECT

04 112072

AG FLS 38

DATE JAN 08 2015

REVISIONS

NO.	DATE	DESCRIPTION
1	02/26/15	PC REVISION 02/14/2012

SILVER CREEK INDUSTRIES 24' x 40' PC

PROJECT NO: **F-0.12**

DRAWN BY: **AS NOTED**

SCALE: **AS NOTED**

DATE: **12-28-11**

P.C. SHEET NUMBER: **STK9-140**

INCLUDES CORNER PLTS
SEE 1&20/S-1.50

FOR REFERENCE