

BUILDING CODE STUDY

BUILDING	TYPE OF CONSTRUCTION	AREA USE	FLOOR AREA (SF)		OCCUPANCY GROUP	OCCUPANT LOAD		BUILDING HEIGHT	FIRE SPRINKLER SYSTEM
			ALLOWED	ACTUAL		ALLOWED	ACTUAL		
BASEMENT	V-B	STORAGE	9,000	3,377	B-1	90	10	36' +/-	NO
MAIN FLOOR	V-B	OFFICE	15,750	8,340	B-1	158	99	36' +/-	NO
SECOND FLOOR	V-B	OFFICE	15,750	7,445	B-1	158	99	36' +/-	NO

APPLICABLE CODES: 2008 IBC W/ YAKIMA COUNTY ADMENDMENTS 2008 UPC W/ WASHINGTON STATE ADMENDMENTS
 2008 IFC W/ WASHINGTON STATE ADMENDMENTS 2008 WUI
 2008 IFGC W/ WASHINGTON STATE ADMENDMENTS 2008 WSEC
 2008 IMC W/ WASHINGTON STATE ADMENDMENTS ICC / ANSI A117.1-2003 W/ WASHINGTON STATE ADMENDMENTS

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SQ. FT.
 3,377 = BASEMENT
 8,340 = MAIN FLOOR
 7,445 = SECOND FLOOR
 2008 = SECOND FLOOR DECK

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 (509) 945-3717

CUSTOM DESIGN FOR:
 BORTON & SON'S FRUIT
 (509) 966-3905

ENGINEER:
 PRO SERVICE ENGINEERING CORP.
 MIKE HEIT (509) 249-8850

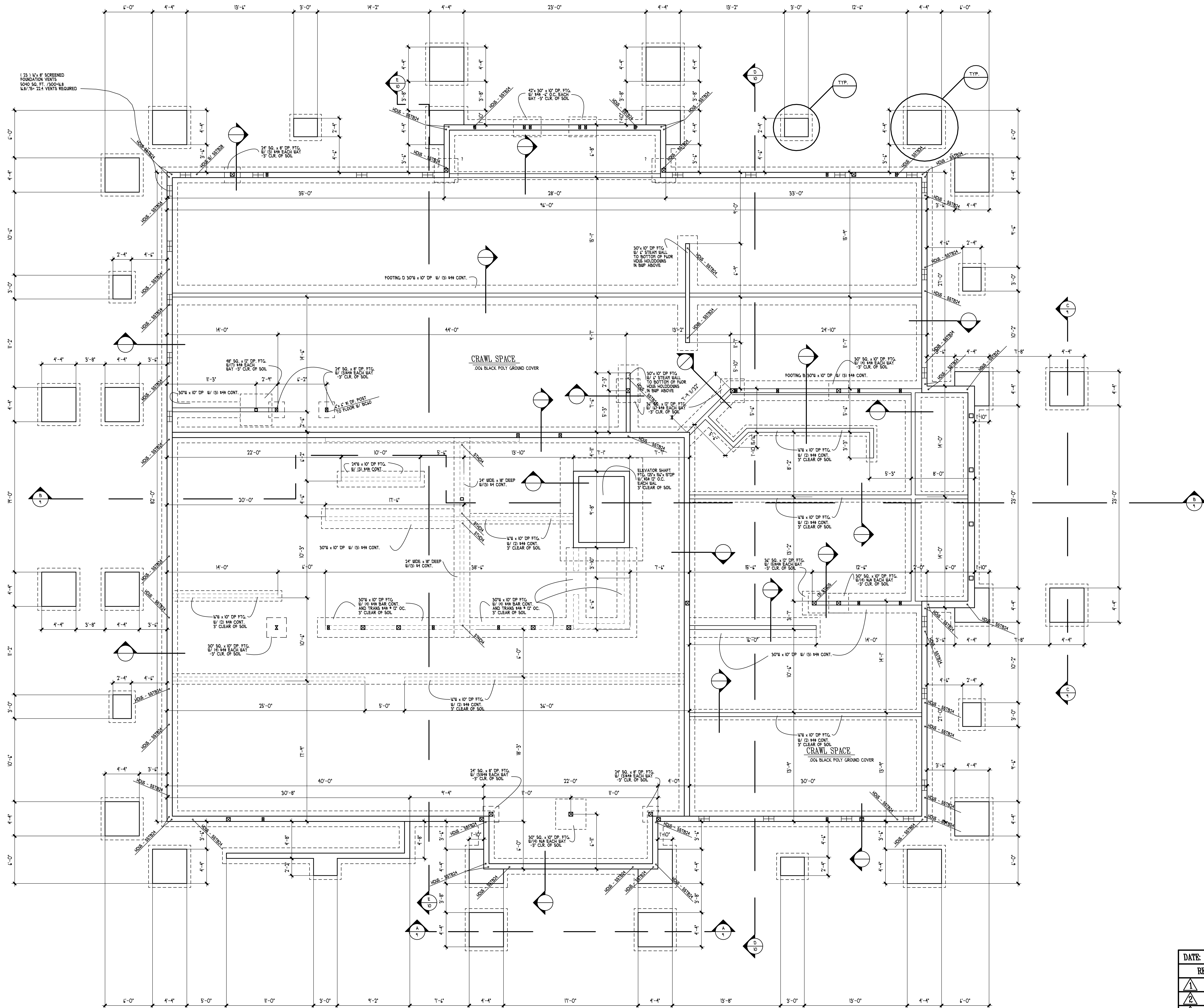
**TRADITIONAL
 DESIGNS INC.**
 (COMMERCIAL AND RESIDENTIAL DESIGN)
 410 W. CHESTNUT AVE. - YAKIMA WA.
 PHONE: (509) 452 - 7604

SEISMIC CATEGORY: C

DATE: 06/30/10 PLAN# P9-10068

REVISED SHEET NUMBER

CS



1/2" x 1/4" SCREENED
FOUNDATION VENTS
5040 SQ. FT. / 300-48
1/2" x 1/4" VENTS REQUIRED

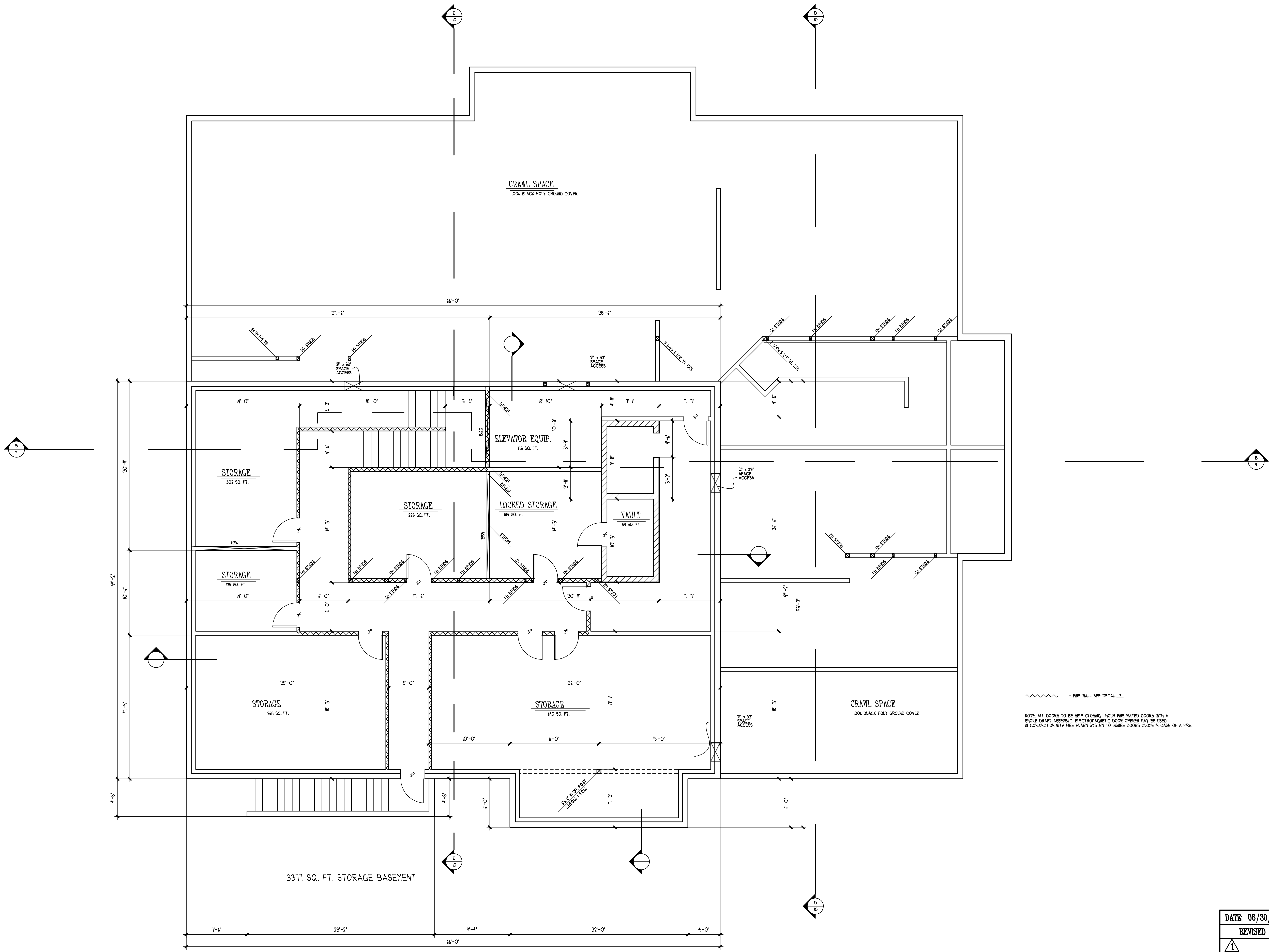
CRAWL SPACE
004 BLACK POLY GROUND COVER

CRAWL SPACE
004 BLACK POLY GROUND COVER

DATE: 06/30/10	PLAN# P9-10068
REVISED	SHEET NUMBER
▲	1
▲	OF
▲	22
▲	
▲	

FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

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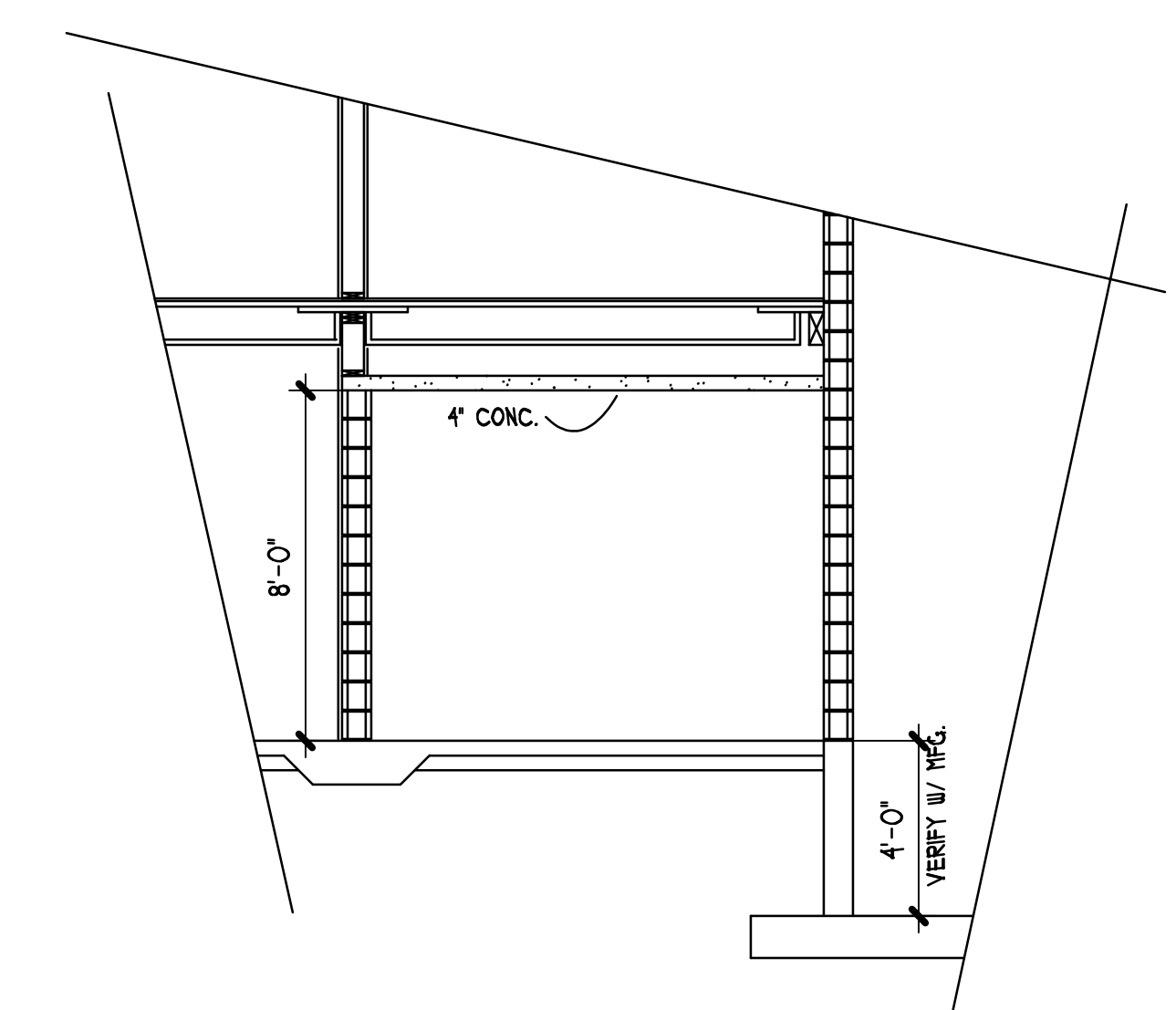
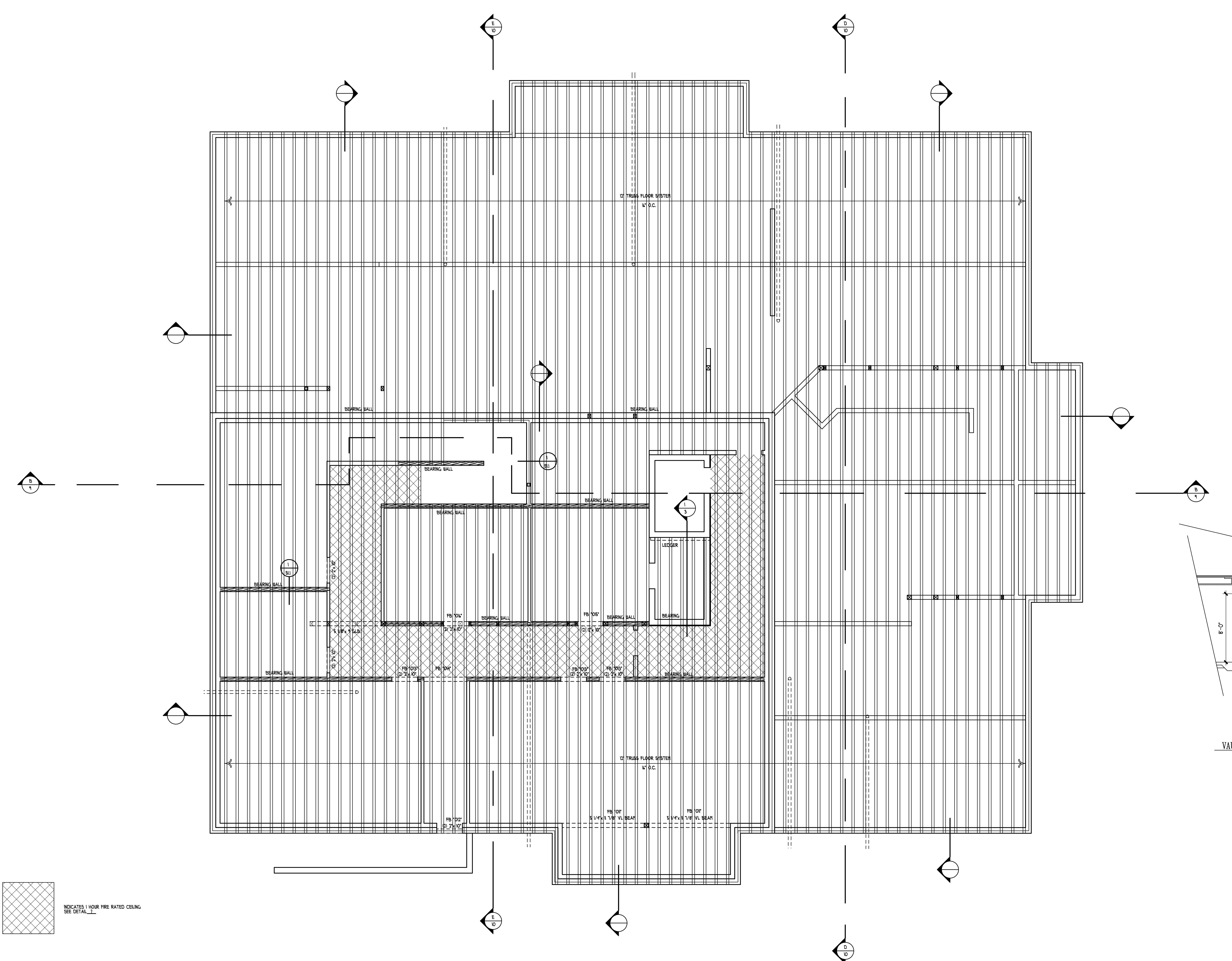
~~~~~ FIRE WALL SEE DETAIL 2  
 NOTE: ALL DOORS TO BE SELF CLOSING 1 HOUR FIRE RATED DOORS WITH A SPOKE DRAFT ASSEMBLY. ELECTROMAGNETIC DOOR OPENER MAY BE USED IN CONNECTION WITH FIRE ALARM SYSTEM TO INSURE DOORS CLOSE IN CASE OF A FIRE.

3311 SQ. FT. STORAGE BASEMENT

|                |                |
|----------------|----------------|
| DATE: 06/30/10 | PLAN# P9-10068 |
| REVISED        | SHEET NUMBER   |
| ▲              | 2              |
| ▲              | OF             |
| ▲              | 22             |
| ▲              |                |
| ▲              |                |

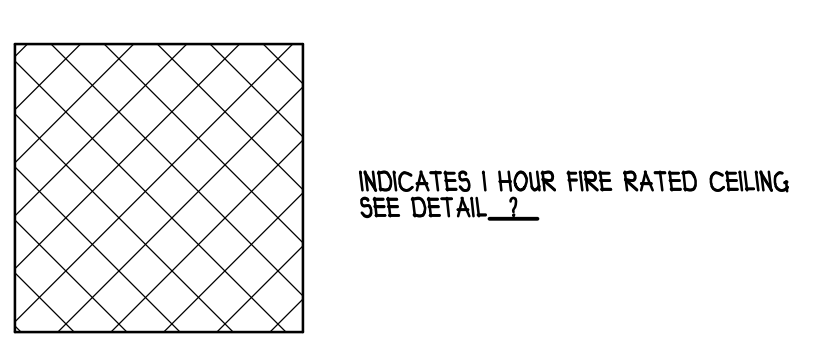
**BASEMENT PLAN**  
 SCALE: 1/4" = 1'-0"

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VAULT DETAIL  
SCALE: 1/4" = 1'-0"

- NOTES:
1. CARRY ALL POINT LOADS FROM ABOVE THRU FLOOR SYSTEM W/ CONTINUOUS BLOCKING @ RIM BOARDS AND ALL INTERIOR BEARING WALLS
  2. FLOOR LOADS 80# LIVE AND 20# DEAD MIN.



NOTE: ANY PENETRATION MUST BE FIRE PROTECTED  
1/2" OPENING OR LESS REQUIRES FIRE RATED CALLING  
1/2" OPENING OR MORE REQUIRES FIRE COLLARS, W/AC REQUIRES A RATED SMOKE DRAFT DAMPER AT ALL PENETRATIONS OF FIRE WALL OR CEILING

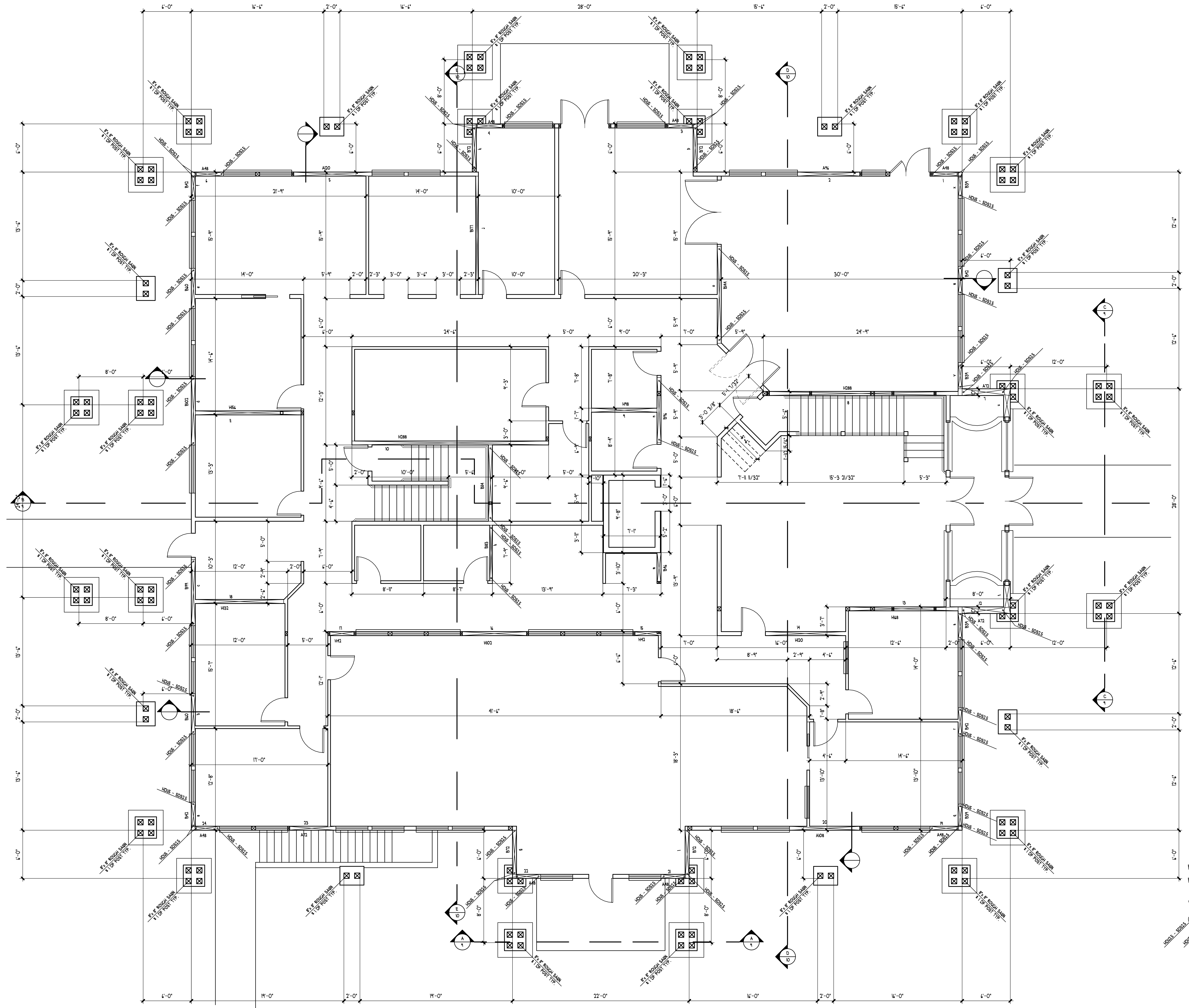
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|----------------|----------------|
| DATE: 06/30/10 | PLAN# P8-10068 |
| REVISED        | SHEET NUMBER   |
| ▲              | 3              |
| ▲              | OF             |
| ▲              | 22             |
| ▲              |                |
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MAIN FLOOR FRAMING PLAN  
SCALE: 1/4" = 1'-0"

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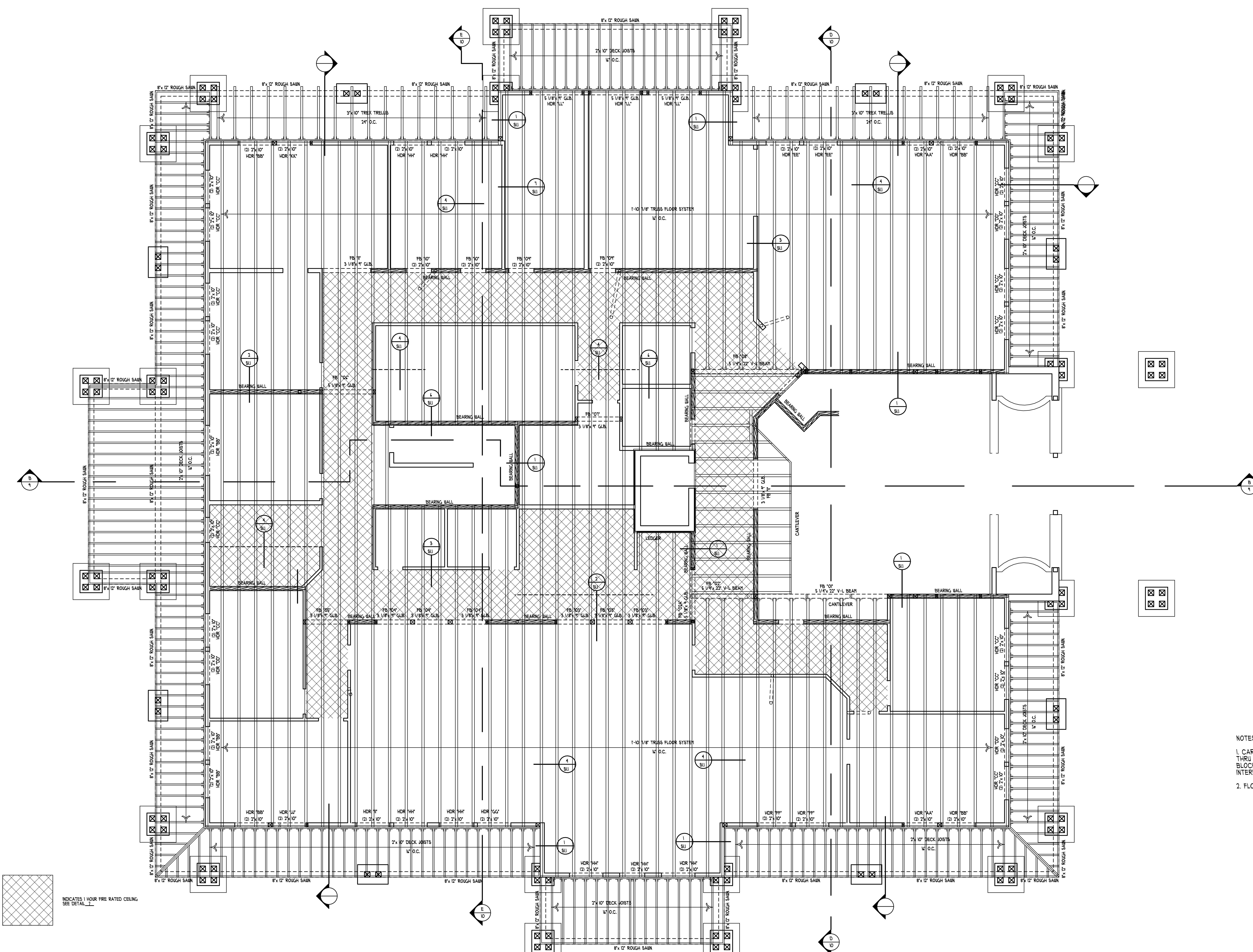




PANES a THRU x UP t DOWN  
 PANELS 1 THRU 24 LEFT - RIGHT  
 A48 A- NAILING SEE SCHEDULE SHEET S1.0  
 48 LENGTH OF PANEL IN INCHES  
 ARE LOCATIONS OF REQUIRED HOLDINGS  
 PAIRS TO BE HDUS-SDS25

|                |                |
|----------------|----------------|
| DATE: 06/30/10 | PLAN# P9-10068 |
| REVISED        | SHEET NUMBER   |
| ▲              | 5              |
| ▲              | OF             |
| ▲              | 22             |
| ▲              |                |
| ▲              |                |

MAIN FLOOR DIMENSION PLAN  
 SCALE: 1/4" = 1'-0"



INDICATES 1 HOUR FIRE RATED CEILING  
SEE DETAIL

NOTE: ANY PENETRATION MUST BE PROTECTED  
1/2" OPENING OR LESS REQUIRES FIRE RATED CALLING  
1/2" OPENING OR MORE REQUIRES FIRE COLLARS, W/VIC REQUIRES A RATED  
SMOKE DRAFT DAMPER AT ALL PENETRATIONS OF FIRE WALL OR CEILING

- NOTES:
1. CARRY ALL POINT LOADS FROM ABOVE THRU FLOOR SYSTEM W/ CONTINUOUS BLOCKING & RM BOARDS AND ALL INTERIOR BEARING WALLS
  2. FLOOR LOADS 80# LIVE AND 20# DIED MIN.

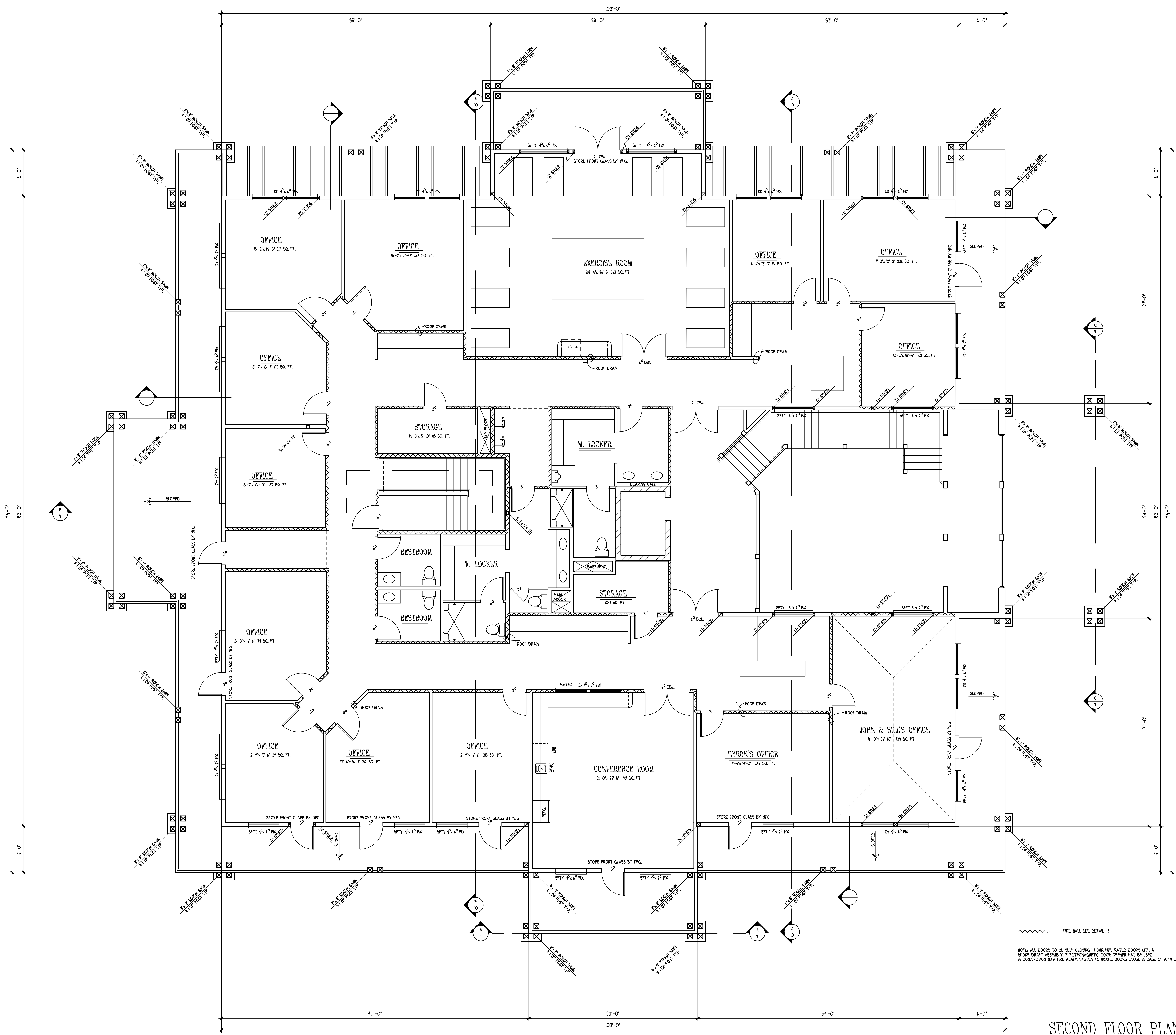
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| REVISED        | SHEET NUMBER   |
| ▲              | 6              |
| ▲              | OF             |
| ▲              | 22             |
| ▲              |                |
| ▲              |                |

SECOND FLOOR FRAMING PLAN

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

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- NOTES:
- 1. ALL HEADER REQUIRE MIN. (I) 2" x 4" STUD FOR SUPPORTS EACH SIDE U.N.O.
  - 2. ALL EXTERIOR STUDS 2" x 4" DF #2 @ 16" O.C.

NOTE: ALL DOORS TO BE SELF-CLOSING 1 HOUR FIRE RATED DOORS WITH A SMOKE DRAFT ASSEMBLY. ELECTROMAGNETIC DOOR OPENER MAY BE USED IN CONNECTION WITH FIRE ALARM SYSTEM TO INSURE DOORS CLOSE IN CASE OF A FIRE.

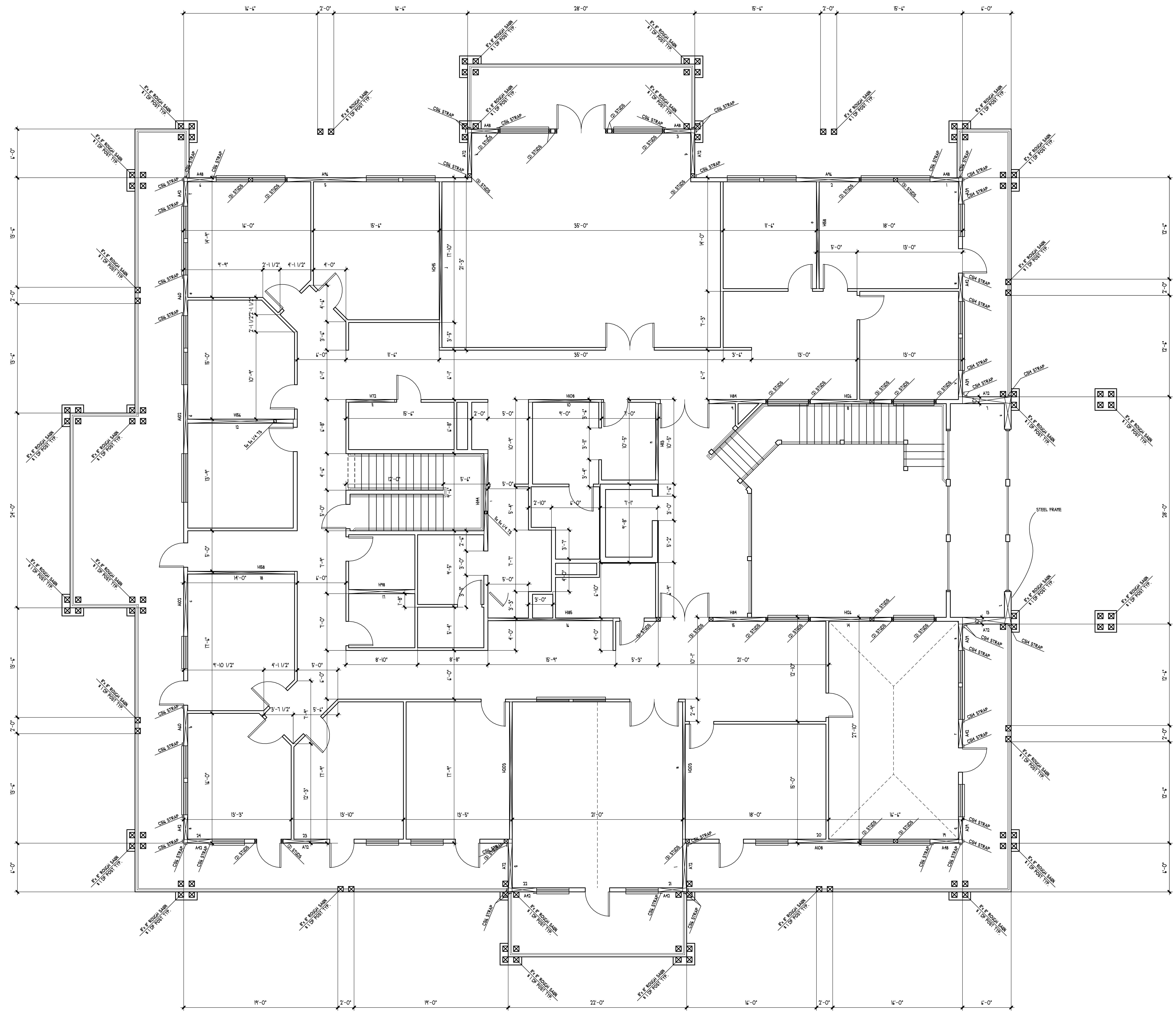
--- FIRE WALL SEE DETAIL 2

|                |                |
|----------------|----------------|
| DATE: 06/30/10 | PLAN# P9-10068 |
| REVISED        | SHEET NUMBER   |
| ▲              | 7              |
| ▲              | OF             |
| ▲              | 22             |
| ▲              |                |
| ▲              |                |

**SECOND FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

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PANELS a THRU x UP ↓ DOWN  
 PANELS 1 THRU 24 LEFT - RIGHT  
 A48 A- NAILING SEE SCHEDULE SHEET S1.0  
 48 LENGTH OF PANEL IN INCHES  
 ( - ) ARE LOCATIONS OF REQUIRED STRAPS

|                |                |
|----------------|----------------|
| DATE: 06/30/10 | PLAN# P9-10068 |
| REVISED        | SHEET NUMBER   |
| ▲              | 8              |
| ▲              | OF             |
| ▲              | 22             |
| ▲              |                |
| ▲              |                |

SECOND FLOOR DIMENSION PLAN  
 SCALE: 1/4" = 1'-0"

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