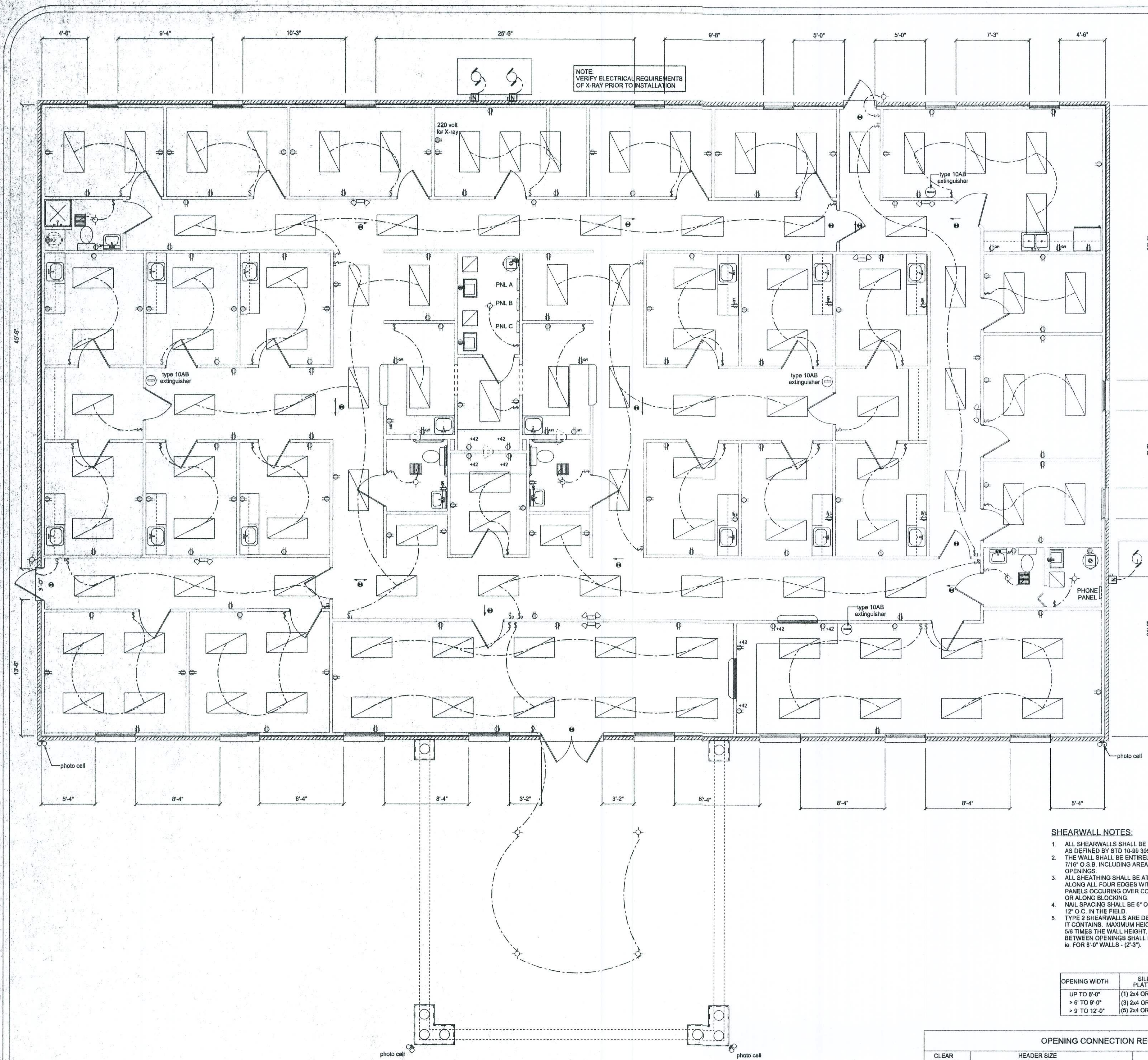




NOTE:
VERIFY ELECTRICAL REQUIREMENTS
OF X-RAY PRIOR TO INSTALLATION

220 volt
for X-ray

type 10AB
extinguisher

PNL A

PNL B

PNL C

type 10AB
extinguisher

type 10AB
extinguisher

PHONE
PANEL

photo cell

photo cell

NOTE:
PROVIDE STUBOUT FOR EXTERIOR AND LANDSCAPE
LIGHTING PER OWNER. EXTERIOR LIGHTING SHALL BE
SWITCHED AND SHALL HAVE A PHOTOVOLTAGE CELL.

EMERGENCY LIGHTING RELAY REQUIRED FOR ALL EXIT
LIGHTING AND CEILING LIGHTS ON EMERGENCY BRANCH

ELECTRICAL PLAN
SCALE: 3/16" = 1'-0"

LIFE SAFETY NOTES

ALL EXIT AND EMERGENCY LIGHTING SHALL BE
INSTALLED PER NEC 700-12, 2001 EDITION.

ACCESS TO EXITS SHALL BE MARKED BY APPROVED
READILY VISIBLE SIGNS IN ALL CASES WHERE THE EXIT OR WAY TO
REACH THE EXIT IS NOT READILY APPARENT TO THE OCCUPANTS.
SIGN PLACEMENT SHALL BE SUCH THAT NO POINT IN THE EXIT
ACCESS CORRIDOR IS MORE THAN 100 FT FROM THE NEAREST
EXTERNALLY ILLUMINATED SIGN AND IS NOT IN EXCESS OF THE
MARKED RATING FOR INTERNALLY ILLUMINATED SIGNS.

ALL FIRE EXTINGUISHERS SHALL BE TYPE 10AB AND SHALL
BE LOCATED SO THAT NO POINT IN THE DIRECTION OF TRAVEL
FROM ANY POINT IS MORE THAN 75 FT TO THE FIRE EXTINGUISHER.

ELECTRICAL PLAN NOTES

WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT
PER MANUF. SPECIFICATIONS.

CONSULT THE OWNER FOR THE NUMBER OF SEPARATE
TELEPHONE LINES TO BE INSTALLED.

INSTALLATION SHALL BE PER NAT'L. ELECTRIC CODE.

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE
DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S
DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE
SECTIONS OF NEC-LATEST EDITION.

ELECTRICAL CONTR SHALL PREPARE "AS-BUILT" SHOP
DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY
CHANGES TO THE ELEC. PLAN, ADDS TO THE ELEC. PLAN,
RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS
IDENTIFIED W/ CKT N., DESCRIPTION & BRKR. SERVICE ENT.
& ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH.
RISER DIA. SHALL INCLUDE WIRE SIZES/TYPES & EQUIPMENT
TYPE W/ RATINGS & LOADS.

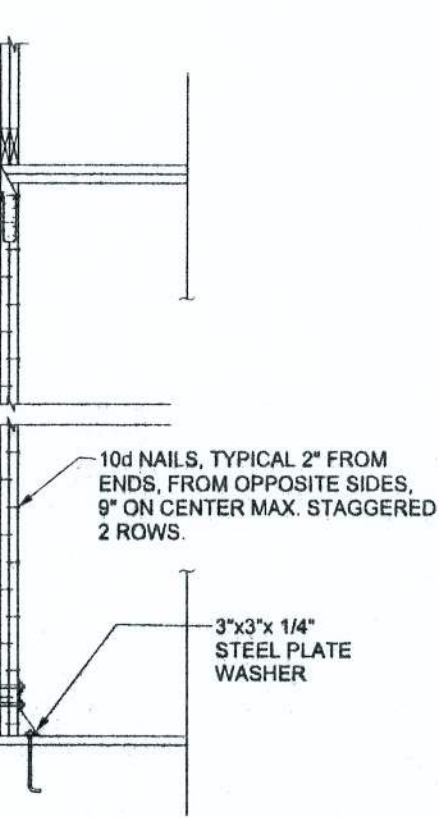
CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS
TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

GIRDER TRUSS, UPLIFT &
REACTION (DOWN) LOADS
PER MANUFACTURER

DOUBLE 2X TOP PLATE

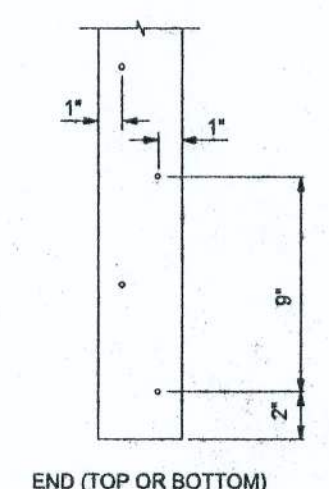
PROVIDE CONNECTION AS
REQUIRED TO RESIST UPLIFT
PER MANUFACTURER OR TRUSS

P.T. BOTTOM PLATE



GIRDER COLUMN DETAIL
SCALE: 1/2" = 1'-0"

NOTE:
A SOLID MEMBER OF EQUAL OR
GREATER SIZE THAN MULTIPLE
MEMBERS MAY BE USED.
IF RATED SHEATHING IS APPLIED
TO NARROW EDGES, NAILED TO
EACH STUD AT 12" O.C. MAXIMUM.
THE LAMINATION NAILING SHOWN
HERE IS NOT REQUIRED.



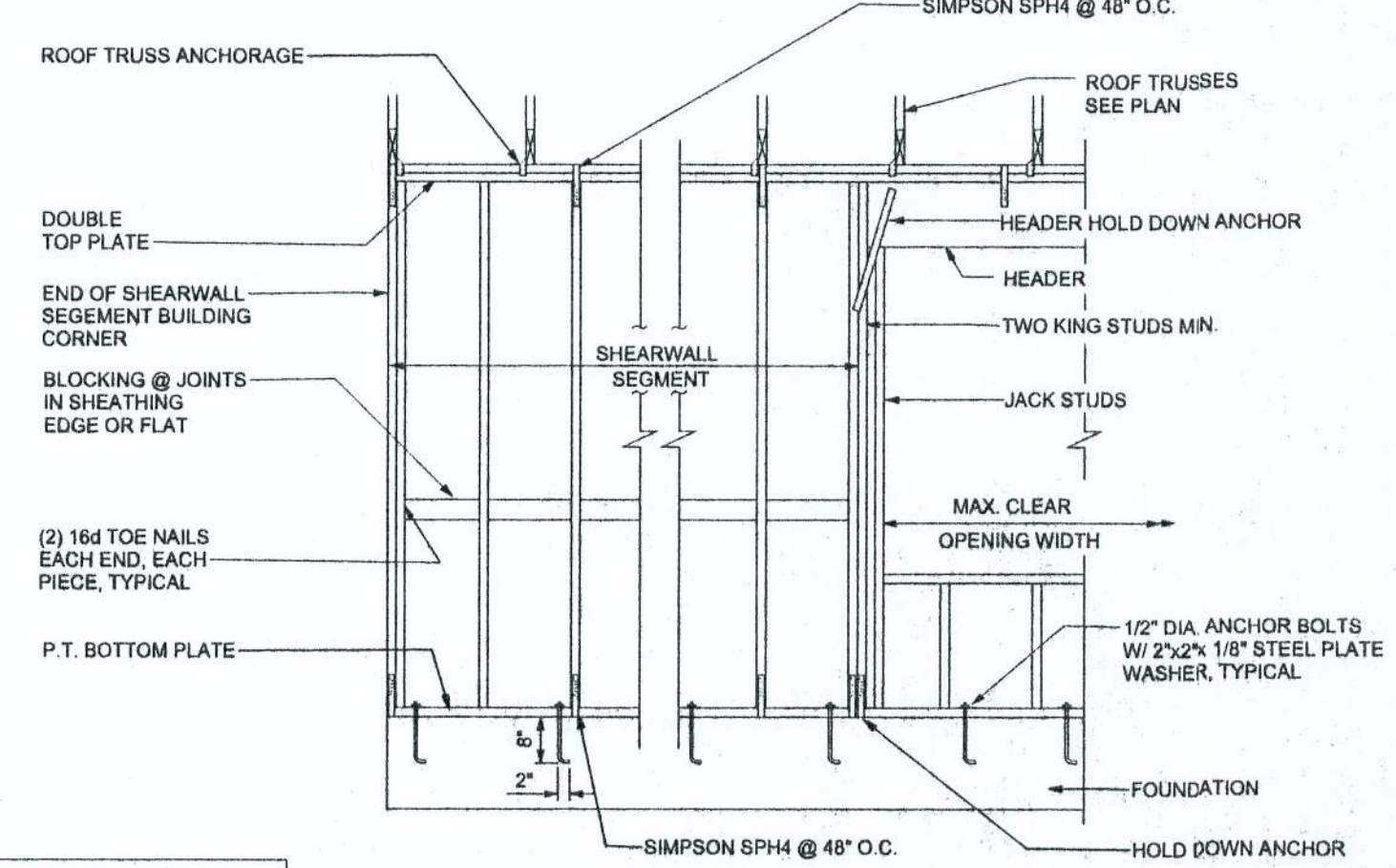
SHEARWALL NOTES:

- ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS
AS DEFINED BY STD 10-59 303.4.3
- THE WALL SHALL BE ENTIRELY SHEATHED WITH
7/16" O.S.B. INCLUDING AREAS ABOVE AND BELOW
OPENINGS
- ALL SHEATHING SHALL BE ATTACHED TO FRAMING
ALONG ALL FOUR EDGES WITH JOINTS FOR ADJACENT
PANELS OCCURRING OVER COMMON FRAMING MEMBERS
OR ALONG BLOCKING
- NAIL SPACING SHALL BE 6" O.C. EDGES AND
12" O.C. IN THE FIELD
- TYPE 2 SHEARWALLS ARE DESIGNED FOR THE OPENING
IT CONTAINS. MAXIMUM HEIGHT OF OPENING SHALL BE
5/8 TIMES THE WALL HEIGHT. THE MINIMUM DISTANCE
BETWEEN OPENINGS SHALL BE THE WALL HEIGHT/3.5
a. FOR 8'-0" WALLS - (2'-3")

OPENING WIDTH	SILL PLATES	16d TOE NAILS EACH END
UP TO 6'-0"	(1) 2x4 OR (1) 2x6	1
> 6' TO 9'-0"	(3) 2x4 OR (1) 2x6	2
> 9' TO 12'-0"	(5) 2x4 OR (2) 2x6	3

OPENING CONNECTION REQUIREMENTS

CLEAR OPENING WIDTH	HEADER SIZE #2 GRADE OR BETTER	END BEARING	CONNECTOR AT EACH END OF OPENING	ANCHORAGE TO FOUNDATION @ EACH END OF OPENING
0' - 3'	(2) 2x8	1'-5"	SIMPSON H2.5	SIMPSON SPH4
>3' - 6'	(2) 2x10	3"	(1) SIMPSON LSTA30	(2) SIMPSON SPH4
>6' - 9'	(2) 2x12	3"	(1) SIMPSON LSTA30	(2) SIMPSON SPH4
>9' - 12'	(2) 1 3/4" x 11 1/4" LVL - 2.0E	3"	(1) SIMPSON LSTA30	(2) SIMPSON SPH4
>12' - 15'	(2) 1 3/4" x 11 1/4" LVL - 2.0E	3"	(2) SIMPSON LSTA30	SIMPSON HD5A
>15' - 18'	(2) 1 3/4" x 11 1/4" LVL - 2.0E	3"	(2) SIMPSON LSTA30	SIMPSON HD5A



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

ELECTRICAL	SYMBOL
recessed light with photovoltaic cell	⊙
high pressure sodium wall pack with photo cell	⊙
HVAC motor	⊙
Mdp	⊙
Meter can	⊙
electrical panel	⊙
emergency light with battery backup	⊙
illuminated exit with battery backup (directional as indicated)	⊙
non-fused disconnect	⊙
50 cfm exhaust fan	⊙
GFI receptacle	⊙
outlet	⊙
outlet 220v	⊙
outlet gfi	⊙
switch	⊙
switch 3 way	⊙
fluorescent light 2 x 4	⊙

W.H.F. 9/2/04

DR. GIEBEIG OFFICE

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CERTIFICATE OF AUTHORIZATION # 00008701

Freeman
Design Group, Inc.

DATE
6/22/04

DRAWN BY
W.H.F.

REVISIONS

SHEET
A-11

OF
12

PROJECT NO.